
Curriculum Vitae
Hrönn Ólina Jörundsdóttir, Ph.D.,
Director General

Icelandic Food and Veterinary Authority (MAST)



EDUCATION

Degree	Educational Institution	Year	Location
Ph.D.	Environmental Chemistry, University of Stockholm	2009	Stockholm, Sweden
M.Sc.	Environmental Chemistry, University of Stockholm	2002	Stockholm, Sweden
B.Sc.	Chemistry, University of Iceland	2001	Reykjavík, Iceland

LANGUAGE

Icelandic	Native
English	Expert
Swedish	Expert

WORK EXPERIENCE

Position	Company / Institution	Year	Location
Director General	MAST	2020 – current	Selfoss, Iceland
Chair	Risk assessment committee	2019 – 2020	Reykjavík, Iceland
Chief Infrastructure Officer (Director)	Matís	2016 – 2020	Reykjavík, Iceland
Secretary General	SAFE Consortium	2016 – 2018	International
Administrative Secretary	SAFE Consortium	2015 – 2016	International
NRL coordinator	Matís	2015 – 2020	Reykjavík, Iceland
Project manager	Matís	2009 – 2016	Reykjavík, Iceland
Specialist	University of Iceland	2001	Reykjavík, Iceland

Research as Principal Investigator:

I coordinated NordMar Plastic, Nordic network on standardisation of definitions, methods and monitoring of plastic (macro, micro and nano). Funded by the Icelandic chairmanship program in the Nordic Council of Ministers, 2019-2021, 5.7 mDKK.

I'm was the convenor and chair of scientific committee for "The threat of plastic to Arctic and Sub-Arctic marine ecosystems" conference held in Iceland, April 2020 in cooperation with ICES, UNEP and OSPAR.

Other own grants:

- Statistical analysis of temporal and spatial trends of pollutants in the marine environment around Iceland, The Icelandic Research Fund. 2011-2013
- Pristine Arctic – Mapping of PAH in the Nordic marine Environment, Nordic Council of Ministers. 2011-2013
- Monitoring of the marine biosphere around Iceland, Ministry for the Environment. 2003-current, Principal Investigator since 2010
- Development of a rapid method for quality control of salt used for salted cod, SafeSalt AVS Iceland. 2010-2011
- Food safety and added value of Icelandic fishmeal. Determination of toxic and non-toxic arsenic species in fish meal, AVS Iceland. 2008-2010.
- Assessment of biomarker species for better understanding of pathways of traditional and emerging POPs into the West-Nordic and Baltic environments, PATHWAYS, The Nordic Council of Ministers. 2008
- A comparative assessment of persistent organic pollutants and their metabolites, with emphasis on non-traditional contaminants, in the West-Nordic and the Baltic Proper environments, CAPNE, The Nordic Council of Ministers. 2004-2007 **Ph.D. student**

Participated in numbers of other projects such as "AuthentNet" (H2020 EU Project), "TDS-Exposure" (FP7 EU project), "Microlitter in sewage treatment systems" (on microplastics, Nordic Council of Ministers), "Pb and dioxin exposure in humans living and working in proximity of waste incineration", "Investigation of pharmaceutical and personal health care product residues in the Nordic environment" (Nordic Council of Ministers. 2010-2011) and "Temporal trends of bis(4-chlorophenyl) sulfone in the Baltic Marine environment" (The Swedish Research Council Formas, 2002-2003).

Administration:

- Chair of the Icelandic risk assessment committee on food, feed and seeds., 2019 – 2020
- Chief Infrastructure Officer for Analyses and Infrastructure at Matís, Icelandic Food and Biotech R&D 2016 – 2020
- Secretary General for Safe Consortium, 2016 – 2018
- Project Manager at Matis, Icelandic Food and Biotech R&D 2009 - 2016
- NRL coordinator at Matís (National Reference Laboratory) 2015 - 2020

Committees and other work

- Chairman of the board for the NGO Blái herinn www.blaiherinn.is 2018 - .
- Substitute board member at the Agricultural University, Iceland, 2018 – 2020.
- Designated expert in a consultative committee by the Ministry for the Environment and Natural Resources, Iceland, on matters in reducing plastic usage as well as suggesting research on plastic in the marine environment and monitoring, June - November, 2018.
- EU COST Action IS1408: Industrially Contaminated Sites and Health Network (ICSHNet)
- Organising and scientific planning committee for the first Nordic Environmental Chemistry Conference, Reykjavík, June, 2013.
- Organising and scientific planning committee for the first Environmental pollution conference, Reykjavík, February, 2011.
- Designated national expert for Iceland in AMAP (Arctic monitoring and assessment program, www.apmap.no), 09/2007 - .
- Scientific planning committee for the Chemical Conference, Reykjavík, for the Icelandic Chemistry Society, 2009.

Academic experience:

Ph.D. Committee

- Stefán Þór Eysteinsson, current. Title of project: Characterization of *Calanus finmarchicus* and its effect on pelagic fish

Supervision of M.Sc. Students. Graduated students:

- Ásdís Ólafsdóttir, 2019. Title of thesis: Áhrif olíu á krækling (*Mytilus edulis L.*) frá hreinu og menguðu svæði við Ísland: uppsöfnun PAH efna og DNA skemmdir. Co-supervisor
- Ildikó Olajos, 2015. Title of thesis: Method development and validation for biogenic amines in seafood products. Assistant supervisor
- Berglind Ósk Alfreðsdóttir, 2014. Title of thesis: Polycyclic Aromatic Hydrocarbons in Mussel from Iceland. Co-supervisor
- Hatitham El-Talwani, 2013. Title of thesis: Determination of 1-hydroxypyrene in Atlantic cod (*Gadus morhua*) bile. Main supervisor
- Anna-Theresa Kienitz, 2013. Title of thesis: Marine debris in the coastal environment of Iceland's nature reserve, Hornstrandir – Sources, consequences and prevention measures. Main supervisor
- Etienne Gernez, 2011. Title of thesis: An assessment of the environmental impact of cargo transport by road and sea in Iceland. Coastal Management, University of Akureyri. Main supervisor
- Ásta Heiðrún E. Pétursdóttir, 2010. Title of thesis: Determination of toxic and non-toxic arsenic species in Icelandic fish meal. Faculty of Physical Sciences, School of Engineering and Natural Sciences, University of Iceland. Co-supervisor
- Karinar Löfstrand, 2004. Title of thesis: Concentrations of PCBs, DDTs and MeSO₂-metabolites in Greenland shark (*Somniosus microcephalus*) muscle tissue and the correlation with individual size. Department of Environmental Chemistry, Stockholm University. Co-supervisor

Main supervisor at the United Nation's School of Fisheries:

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- Kolita Kamal Jinadasa, 2011. Title of thesis: Preparation of a Standard Operation Procedure for validation of laboratory methods for trace metal analysis in seafood for National Aquatic Resources Research and Development Agency (NARA), Sri Lanka.

Teaching of several courses in food safety, chemistry, environmental chemistry and environmental analytical chemistry. Examiner of M.Sc. projects at University of Iceland and University of Akureyri.

Courses:

Teaching at University of Iceland, M.Sc. program in Food Science: Course Food Safety, autumn semester, 2012-present, 8 ECTS. Teaching and planning approximately 1/3 of course.

Teaching occasional lectures on food safety, pollution and plastic in different courses at the University of Iceland

Teaching at University Centre of the Westfjords, Master's program in Coastal and Marine Management - Pollution in the Coastal and Marine Environment Zone, 28th of March to 15th of April 2011, 6 ECTS, graduate course. Complete planning and 2/3 of teaching

Teaching at University Centre of the Westfjords, Master's program in Coastal and Marine Management - Chemistry and Contamination in the Coastal Zone, 3-21 May 2010, 6 ECTS, graduate course. Complete planning and teaching

Teaching in lab in several undergraduate courses at the Stockholm University:

- Environmental Chemistry, 2 Fall semesters
- Chemistry for Lawyers, 2 Spring semesters
- Environment and Health, 2 Spring semesters
- Designated national expert for Iceland in the Council for Joint Nordic Screening of Chemicals, working for the Nordic Council of Ministers, 2009-2013

Other work experience:

- 05/2001-08/2001: Specialist (chemist) at the Department of Pharmacology and toxicology, University of Iceland.
- 1999-2000: Summer job as group leader for the Community of Hafnarfjörður, Teenage summer work (16-20 year old).

PUBLICATIONS

Thesis: Temporal and spatial trends of organohalogens in guillemot (*Uria aalge*) from North Western Europe. Doktoral Thesis in Environmental Chemistry, Stockholm University, 2009.

Peer Reviewed publications:

Jensen, S., Grøsvik, B.E., Halsband, C., Halldorsson, H.P., Leslie, H.A., Gunnlaugsdottir, H., Guls, H.D., Vorkamp, K., Granberg, M.E., Sigurdsson, V., Jörundsdóttir, H. Understanding microplastic pollution in the Nordic marine environment – knowledge gaps and suggested approaches. *Microplastics and Nanoplastics*, 2022, 2:22.

Halldorsson, T.I., Kristjansson, A.L., Thorisdottir, I., Oddsdottir, C., Sveinbjornsson, J., Benediktsson, R., Sigfusdottir, I.D., Jörundsdóttir, H., Gunnlaugsdottir, H. Caffeine exposure from beverages and its association with self-reported sleep duration and quality in a large sample of Icelandic adolescents. *Food and Chemical Toxicology*, 2021, 157, 112549.

Kristinsson, H.G., Jörundsdóttir, H. Food in the Bioeconomy. *Trends in Food Science and Technology*, 2019, 84, 4-6.

Flynn, K., Villarreal, B.P., Barrancoa, A., Belca, N., Björnsdóttira, B., Fuscoa, V., Rainieria, S., Smaradóttira, S.E., Smeua, I., Teixeiraa, P., Jörundsdóttir, H. An introduction to current food safety needs. *Trends in Food Science and Technology*, 2019, 84, 1-3.

Dofkova, M., Nurmi, T., Berg, K., Reykdal, Ó., Gunnlaugsdóttir, H., Vasco, E., Graça Dias, M., Blahova, J., Rehurkova, I., Putkonen, T., Ritvanen, T., Lindtner, O., Desnica, N., Jörundsdóttir, H., Oliveira, L., Ruprich, J. Development of harmonized food and sample lists for Total Diet Studies in five European countries. *Food Additives & Contaminants: Part A*, 2016, 33, 933-944, DOI:10.1080/19440049.2016.1189770

Huber, S., Remberger, M., Kaj, L., Schlabach, M., Jörundsdóttir, H., Vester, J., Arnórsson, M., Mortensen, I., Schwartson, R., Dam, M. A first screening and risk assessment of pharmaceuticals and additives in personal

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- care products in waste water, sludge, recipient water and sediment from Faroe Islands, Iceland and Greenland. *The Science of the Total Environment*, 2016, 562, 13-25.
- Jörundsdóttir, H., Jensen, S., Hylland, K., Holth, T.F., Gunnlaugsdóttir, H., Svavarsson, J., Ólafsdóttir, Á., El-Taliawy, E., Rigét, F., Strand, J., Nyberg, E., Bignert, A., Hoydal, K.S., Halldórsson, H.P. Pristine Arctic: Background mapping of PAHs, PAH metabolites and inorganic trace elements in the North-Atlantic Arctic and sub-Arctic coastal environment. *The Science of the Total Environment*, 2014, 493, 719-728. DOI: <http://dx.doi.org/10.1016/j.scitotenv.2014.06.030>
- Jörundsdóttir, H., Halldórsson, T.I., Gunnlaugsdóttir, H. PFAAs in fish and other seafood products from Icelandic waters. *Journal of Environmental and Public Health*, 2014, 2014, 1-6.
- Sturludóttir, E., Gunnlaugsdóttir, H., Jörundsdóttir, H., Magnúsdóttir, E.V., Ólafsdóttir, K., Stefánsson, G. Temporal trends of contaminants in cod from Icelandic waters. *The Science of the Total Environment*, 2014, 476-477, 181-188. DOI:10.1016/j.scitotenv.2014.01.005
- Jörundsdóttir, H., Löfstrand, K., Svavarsson, J., Bignert, A., Bergman, A. Polybrominated diphenyl ethers (PBDEs) and hexabromocyclododecane (HBCD) in seven different marine bird species from Iceland. *Chemosphere*, 2013, 93 (8), 1526-1532. <http://dx.doi.org/10.1016/j.chemosphere.2013.07.061>.
- Sturludóttir, E., Gunnlaugsdóttir, H., Jörundsdóttir, H., Magnusdóttir, E., Ólafsdóttir, K., Stefansson, G. Spatial and temporal trends of contaminants in mussel sampled around the Icelandic coastline. *Science of the Total Environment*, 2013, 454-455, 500-509, DOI: <http://dx.doi.org/10.1016/j.scitotenv.2013.03.042>.
- Pétursdóttir, Á.H., Gunnlaugsdóttir, H., Jörundsdóttir, H., Mestrot, A., Krupp, E., Feldmann, J. HPLC-HG-ICP-MS: a sensitive and selective method for inorganic arsenic in seafood. *Analytical and Bioanalytical Chemistry*, 2012, 404, 2185-2191, DOI: 10.1007/s00216-012-6347-2.
- Pétursdóttir, Á.H., Gunnlaugsdóttir, H., Jörundsdóttir, H., Raab, A., Krupp, E.M., Feldmann, J. Determination of inorganic arsenic in seafood: Emphasising the need for certified reference material. *Pure and Applied Chemistry*, 2012, 84, 191-202.
- Jörundsdóttir, H., Löfstrand, K., Svavarsson, J., Bignert, A., Bergman, A. Organochlorine compounds and their metabolites in seven Icelandic seabird species – A comparative study. *Environmental Science and Technology*, 2010, 44, 3252-3259.
- Jörundsdóttir, H., Bignert, A., Svavarsson, J., Nygård, T., Weihe, P., Bergman, A. Assessment of emerging and traditional halogenated contaminants in Guillemot (*Uria aalge*) egg from North-Western Europe and the Baltic Sea. *Science of the Total Environment*, 2009, 407, 4174-7183.
- Löfstrand, K., Jörundsdóttir, H., Tomy, G., Svavarsson, J., Weihe, P., Nygård, T., Bergman, A. Spatial trends of polyfluorinated compounds in guillemot (*Uria aalge*) eggs from the North-Western Europe. *Chemosphere*, 2008, 72, 1475-1480.
- Strid, A., Jörundsdóttir, H., Päpke, O., Svavarsson, J., Bergman, A. Dioxins and PCBs in Greenland shark (*Somniosus microcephalus*) from the North-East Atlantic. *Marin Pollution Bulletin*, 2007, 54, 1514-1522.
- Jörundsdóttir, H., Norström, K., Olsson, M., Pham-Tuan, H., Hühnerfuss, H., Bignert, A., Bergman, A. Temporal trend of bis(4-chlorophenyl) sulfone, methylsulfonyl-DDE and -PCB in Baltic guillemot (*Uria aagle*) egg 1971-2001 – A comparison to 4,4'-DDE and PCB trends. *Environmental Pollution*, 2006, 141, 226-237.
- Jensen, S., Häggberg, L., Jörundsdóttir, H., Odham, G. A quantitative lipid extraction method for residue analysis of fish involving nonhalogenated solvents. *Journal of Agricultural and Food Chemistry*, 2003, 51, 5607-5611.

Other publications:

- Flynn, K., Amarowicz, R., Barranco, A., Cudjoe, K.S., Hogg, T., Logrieco, A., Jörundsdóttir, H. Keeping food safety on the agenda through 2030. Safe Consortium, www.safeconsortium.com, 2018.
- Margeirsson, S., Jörundsdóttir, H., Þorkelsson, G. Nýtum tækifæri framtíðar með nýsköpun, Bændablaðið, 8th of March 2018
- Flynn, K., Jörundsdóttir, H. Food-related health risks and technologies to increase food safety. Safe consortium, www.safeconsortium.com, 2017.
- Bergsson, A.B., Jörundsdóttir, H. Matís – bak við tjöldin. Bændablaðið 2015, 9th, 13th of May, 32.
- Jörundsdóttir, H., Pétursdóttir, Á.H.E., Gunnlaugsdóttir, H. Arsen í fiskimjöli – hættulaust en ógnar verðmæti og sölu fiskimjöls. *Ægir*, 2010, 8, 4th November, 14-15.
- Jörundsdóttir, H. Er Ísland hreinasta land í heimi? Ísland og umhverfismengun í dag. Raust, 2009, 6, 86-89.
- Jörundsdóttir, H., Gunnlaugsdóttir, H. Vöktun óæskilegra efna. Mikilvægt verkfæri í markaðssókn íslenskra sjávarafurða. *Ægir*, 2009, 30th November, 3-4.

Reports:

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- Körber, R., Jörundsdóttir, H., Sigurðardóttir, M.B., Gunnlaugsdóttir, H. Safe Food: Increased food safety in Iceland. Matís report 39-14, 2014.
- Smáradóttir, S.E., Magnúsdóttir, L., Smárason, B.Ö., Þórðarson, G., Johannessen, B., Kemp Stefánsdóttir, E., Jacobsen, B., Laksá, U., Jörundsdótti, H.Ó., Solberg, S.O., Djurhuus, R., Erbs-Maibing, S., Björnsdóttir, B., Gunnarsdóttir, R., Hoydal, K., Hreggviðsson, G.Ó., Ingvarsson, G.B., Jessen, A., Kristinsson, H.G. Kristófersson, D.M., Levermann, N., Møller Lund, N., Nymand, J., Reykdal, Ó., Vang, J., Paulsen, H., Margeirsson. S. Future Opportunities for Bioeconomy in the West Nordic Countries Executive Summary & Action Plan, Discussions and Conclusions, Overview of Opportunities Identified in the Report. Matís report 38-14, 2014.
- Smáradóttir, S.E., Magnúsdóttir, L., Smárason, B.Ö., Þórðarson, G., Johannessen, B., Kemp Stefánsdóttir, E., Jacobsen, B., Laksá, U., Jörundsdótti, H.Ó., Solberg, S.O., Djurhuus, R., Erbs-Maibing, S., Björnsdóttir, B., Gunnarsdóttir, R., Hoydal, K., Hreggviðsson, G.Ó., Ingvarsson, G.B., Jessen, A., Kristinsson, H.G. Kristófersson, D.M., Levermann, N., Møller Lund, N., Nymand, J., Reykdal, Ó., Vang, J., Paulsen, H., Margeirsson. S. Future Opportunities for Bioeconomy in the West Nordic Countries. Matís report 37-14, 2014.
- Jörundsdóttir, H., Desnica, N., Ragnarsdóttir, P., Gunnlaugsdóttir, H. Könnun á ólifrænum snefilefnum og arómatiskum fjöldringjum (PAH) í kræklingi og seti við Grundartanga, Hvalfjörði, 2013 / Evaluation of inorganic trace elements and aromatic hydrocarbons (PAHs) in blue mussel (*Mytilus edulis*) and sediment at Grundartangi, Hvalfjörður, 2013. Matís report 06-14, 2014
- Posner, S., Roos, S., Paulsen, P.B., Jörundsdóttir, H., Gunnlaugsdóttir, H., Trier, X., Astrup Jensen, A., Katsogiannis, A.A., Herzke, D., Bonefeld-Jörgensen, E.C., Jönsson, C., Pedersen Alsing, G., Ghisari, M., Jensen, S. Per- and polyfluorinated substances in the Nordic Countries. TemaNord 2013:542.
- Huber, S., Remberger, M., Goetsch, A., Davanger, K., Kaj, L., Herzke, D., Schlabach, M., Jörundsdóttir, H., Vester, J., Arnórsson, M., Mortensen, I., Schwartson, R., Dam, M. Pharmaceuticals and additives in personal care products as environmental pollutants. TemaNord 2013:541.
- Jörundsdóttir, H., Desnica, N., Ragnarsdóttir, P., Gunnlaugsdóttir, H. Monitoring of the marine biosphere around Iceland 2011 and 2012. Matís report 22-13, 2013
- Jensen, S., Jörundsdóttir, H., Desnica, N., Ragnarsdóttir, P., Gunnlaugsdóttir, H. Undesirable substances in seafood products. Results from the Icelandic marine monitoring activities year 2011. Matís report 16-13, 2012
- Jensen, S., Jörundsdóttir, H., Desnica, N., Ragnarsdóttir, P., Gunnlaugsdóttir, H. Undesirable substances in seafood products. Results from the Icelandic marine monitoring activities year 2012. Matís report 16-13, 2013.
- Jörundsdóttir, H., Baldursdóttir, V., Desnica, N., Ragnarsdóttir, P., Gunnlaugsdóttir, H. Undesirable substances in seafood products. Results from the Icelandic marine monitoring activities year 2011. Matís report 17-12, 2012.
- Schlabach, M., Remberger, M., Brorström-Lundén, E., Norström, K., Kaj, L., Andersson, H., Herzke, D., Borgen, A., Harju, M. Contributing authors: Boutrup, S., Dam, M., Mannio, J., Jörundsdóttir, H., Hedlund, B. Brominated flame retardant (BFR) in the Nordic environment. TemaNord 528, 2011.
- Reykdal, Ó, Jörundsdóttir, H., Desnica, N., Hauksdóttir, S., Ragnarsdóttir, P., Vrac, A., Gunnlaugsdóttir, H., Pálmadóttir, H. Nutrient value of seafoods – Proximates, minerals, trace elements and fatty acids in products. Matís report 33-11, 2011.
- Gunnlaugsdóttir, H., Desnica, N., Ragnarsdóttir, P., Jörundsdóttir, H. Monitoring of the marine biosphere around Iceland 2009 and 2010. Matís report 24-11, 2011
- Jörundsdóttir, H., Baldursdóttir, V., Ragnarsdóttir, P., Sigurðsson, H., Sveinsson, T., Georgsson, F., Daníelsdóttir, A.K.. Mælingar á sýrustigi, uppleystu lífrænu efni og svifögnum í affallsvatni frá Becromal og í sjó. Matís report 05-11. 2011
- Pétursdóttir, Á.H.E., Jörundsdóttir, H., Gunnlaugsdóttir, H. Food safety and added value of Icelandic fishmeal. Determination of toxic and non-toxic arsenic species in fish meal. Matís report 45-10, 2010.
- Gunnlaugsdóttir, H., Þórarinsdóttir, G.G., Gíslason, J.B., Valtysson, H.P., Theodórsson, B., Jörundsdóttir, H. Styttig ræktunartíma kræklings - LOKASKÝRSLA / Shortening the growing time of blue mussels on long lines. Skýrsla Matís 43-10, 2010.
- Jörundsdóttir, H., Desnica, N., Ragnarsdóttir, P., Gunnlaugsdóttir, H. Undesirable substances in seafood products. Results from the Icelandic marine monitoring activities year 2009. Matís report 38-10, 2010.
- Gunnlaugsdóttir, H., Viðarsson, J.R., Ásmundsdóttir, Á.M., Garate, C., Jörundsdóttir, H., Arason, S., Baldursdóttir, V., Sigurðsson, P., Margeirsson, S. Factors influencing the quality and value of the Icelandic cod; a value chain perspective. Matís report 31-10, 2010.
- Jörundsdóttir, H., Desnica, N., Guðjónsdóttir, S.H., Ragnarsdóttir, P., Gunnlaugsdóttir, H. Monitoring of the marine biosphere around Iceland 2008 and 2009. Matís report 30-10, 2010
- Jörundsdóttir, H., Hauksdóttir, K., Desnica, N., Gunnlaugsdóttir, H. Undesirable substances in seafood products. Results from the Icelandic marine monitoring activities year 2008. Matís report 16-10, 2010

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- Sturlaugsson, J., Jörundsdóttir, H., Georgsson, F., Gunnlaugsdóttir, H. Kvikaſilfur og önnur óæskileg snefilefni í urriða úr Þingvallavatni / Mercury and other undesirable trace elements in brown trout from Lake Thingvellir. Matis report 48-09, 2009
- Jörundsdóttir, H., Rabieh, S., Gunnlaugsdóttir, H. Undesirable substances in seafood products. Results from the monitoring activities in 2007. Matis report 28-09, 2009.
- Jörundsdóttir, H., Rabieh, S., Jónasdóttir, H.S., Ragnarsdóttir, P., Gunnlaugsdóttir, H. Monitoring of the marine biosphere around Iceland 2007 and 2008. Matis report 24-09, 2009
- Arason, S., Jörundsdóttir, H., Lárusson, E., Gunnlaugsdóttir, H. Mælingar á salti, málmögnum og saltfiski við greiningu á gulumyndun í saltfiski febrúar til maí 2009 / Analysis of trace metals in salt, salted fish and insoluble particles in diagnosis of the source for yellow discoloration in salted fish – carried out February to May 2009. Skýrsla Matís 22-09, 2009.
- Jörundsdóttir, H., Löfstrand, K., Tomy, G., Svavarsson, J., Weihe, P., Nygård, T., Bignert, A., Bergman, A. Concentrations of organohalogen compounds in the West-Nordic compared to the Baltic Region. TemaNord Report 2008:660, 2008.
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