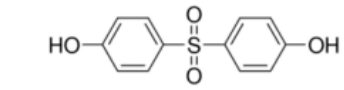
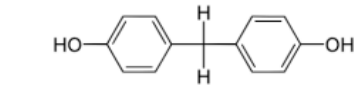
Supporting Information



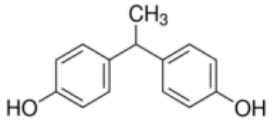
(1) Bisphenol S

Bis(4-hydroxyphenyl) sulfone



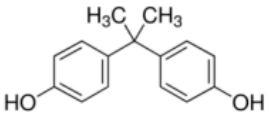
(2) Bisphenol F

Bis(4-hydroxyphenyl) methane



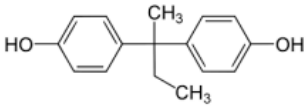
(3) Bisphenol E

1,1-Bis(4-hydroxyphenyl) ethane



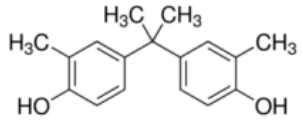
(4) Bisphenol A

2,2-Bis(4-hydroxyphenyl) propane



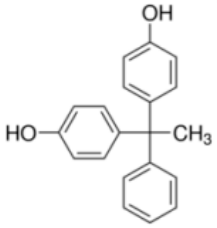
(5) Bisphenol B

2,2-Bis(4-hydroxyphenyl) butane



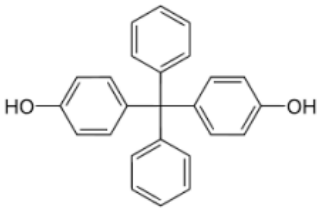
(6) Bisphenol C

2,2-Bis(3-methyl-4-hydroxyphenyl) propane



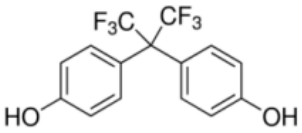
(7) Bisphenol AP

1,1-Bis(4-hydroxyphenyl)-1 phenyl-ethane



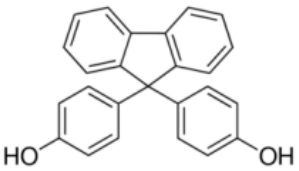
(8) Bisphenol BP

Bis-(4-hydroxyphenyl) diphenylmethane



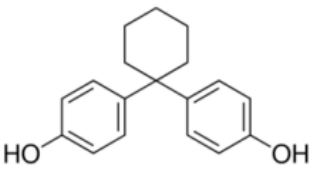
(9) Bisphenol AF

2,2-Bis(4-hydroxyphenyl) hexafluoropropane



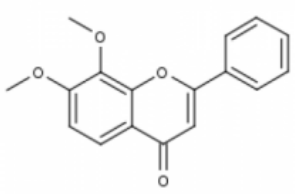
(10) Bisphenol FL

4,4'-(9-fluorenylidene) diphenol



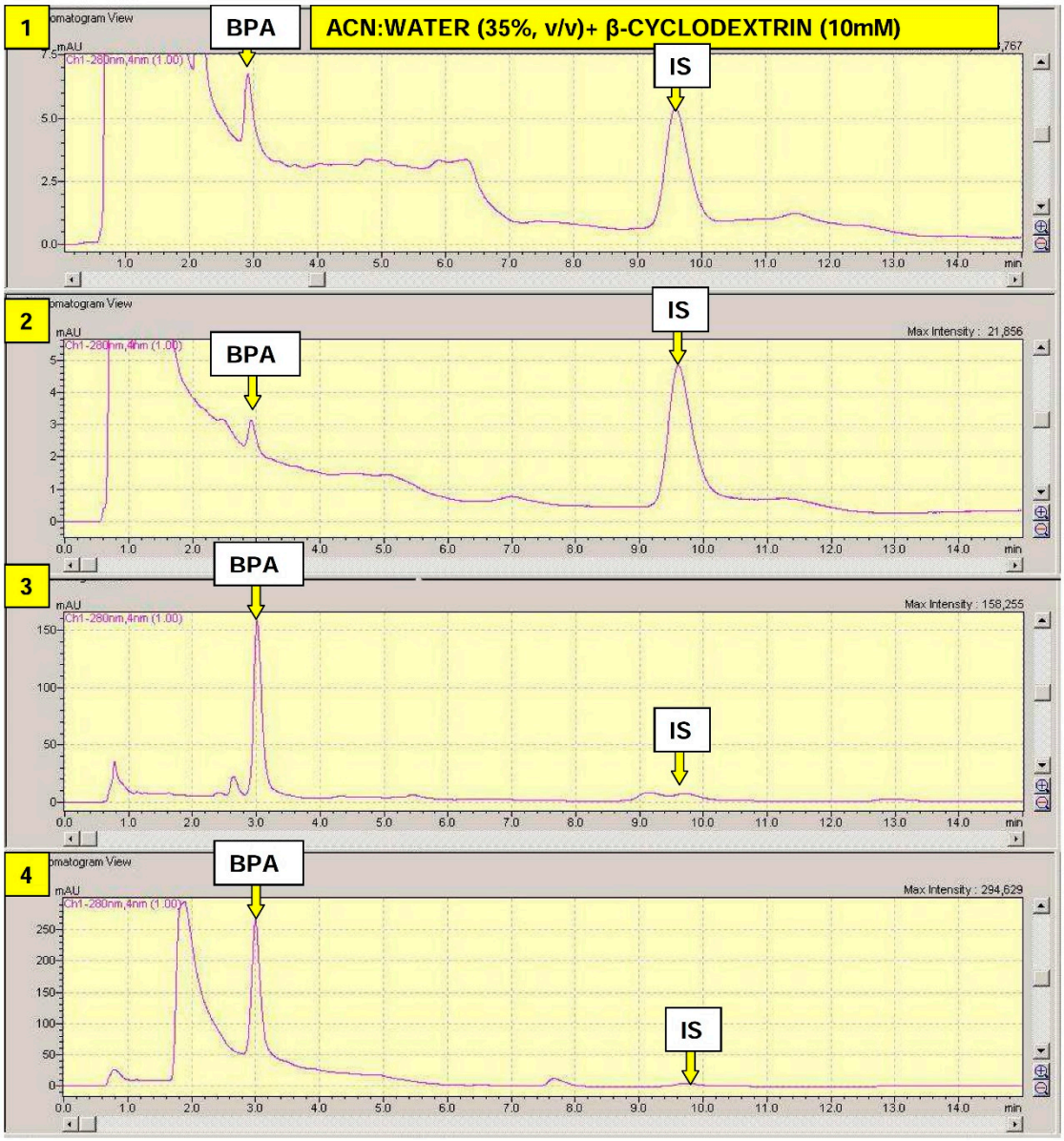
(11) Bisphenol Z

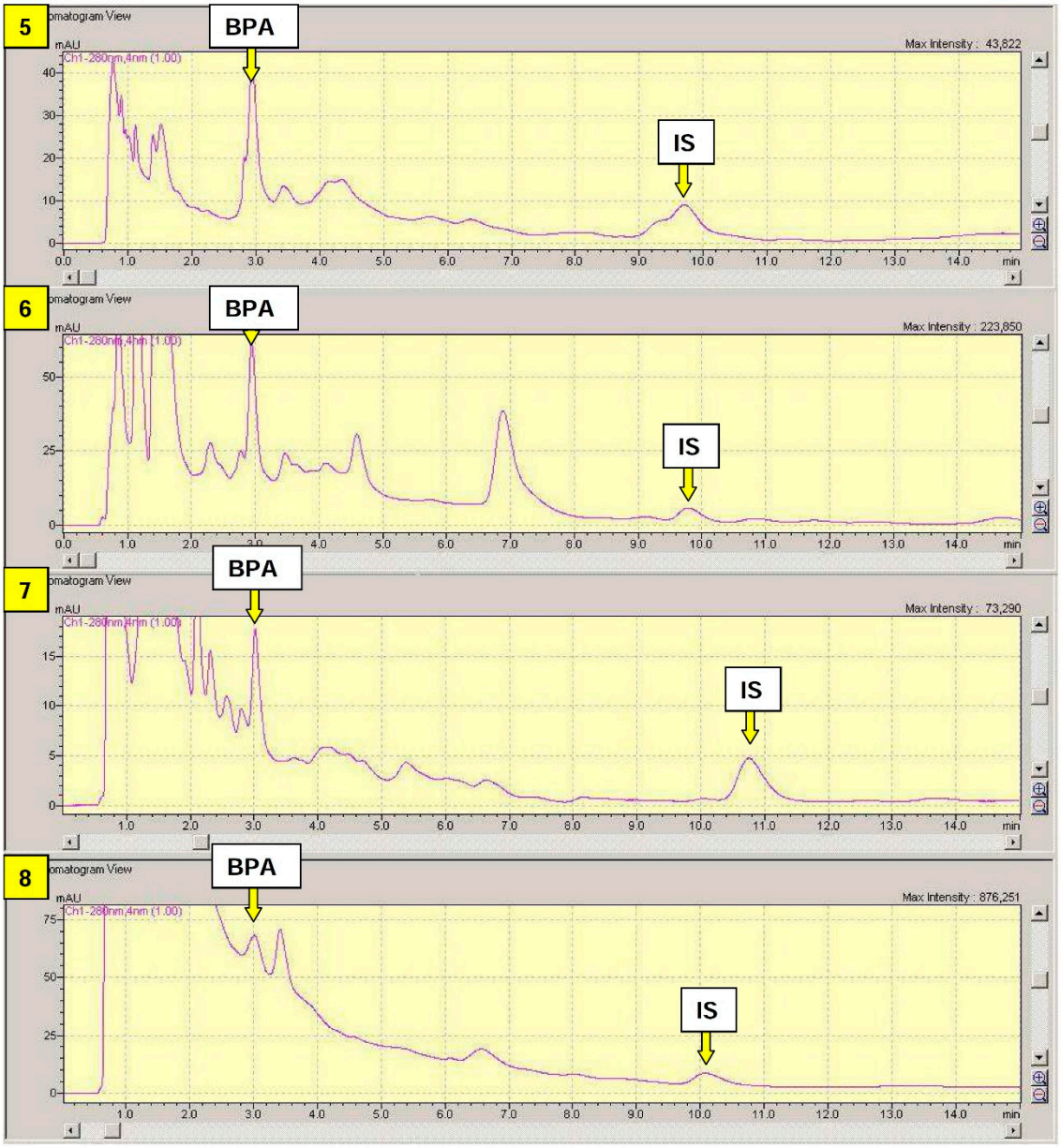
1,1-Bis(4-hydroxyphenyl)-cyclohexane



(12) 7,8 Dimethoxyflavone

Figure S1. Chemical structures of selected bisphenols and internal standard substance (7,8-dimethoxyflavone) for chromatographic analysis of target analytes.


1
BPA
ACN:WATER (35%, v/v)+ β-CYCLODEXTRIN (10mM)
IS
2
IS
BPA
Max Intensity : 21,856
3
BPA
Max Intensity : 158,255
IS
4
BPA
Max Intensity : 294,629
IS
mAU
min


5
BPA
IS
Max Intensity : 43,822
6
BPA
IS
Max Intensity : 223,850
7
BPA
IS
Max Intensity : 73,290
8
BPA
IS
Max Intensity : 876,251
mAU
min

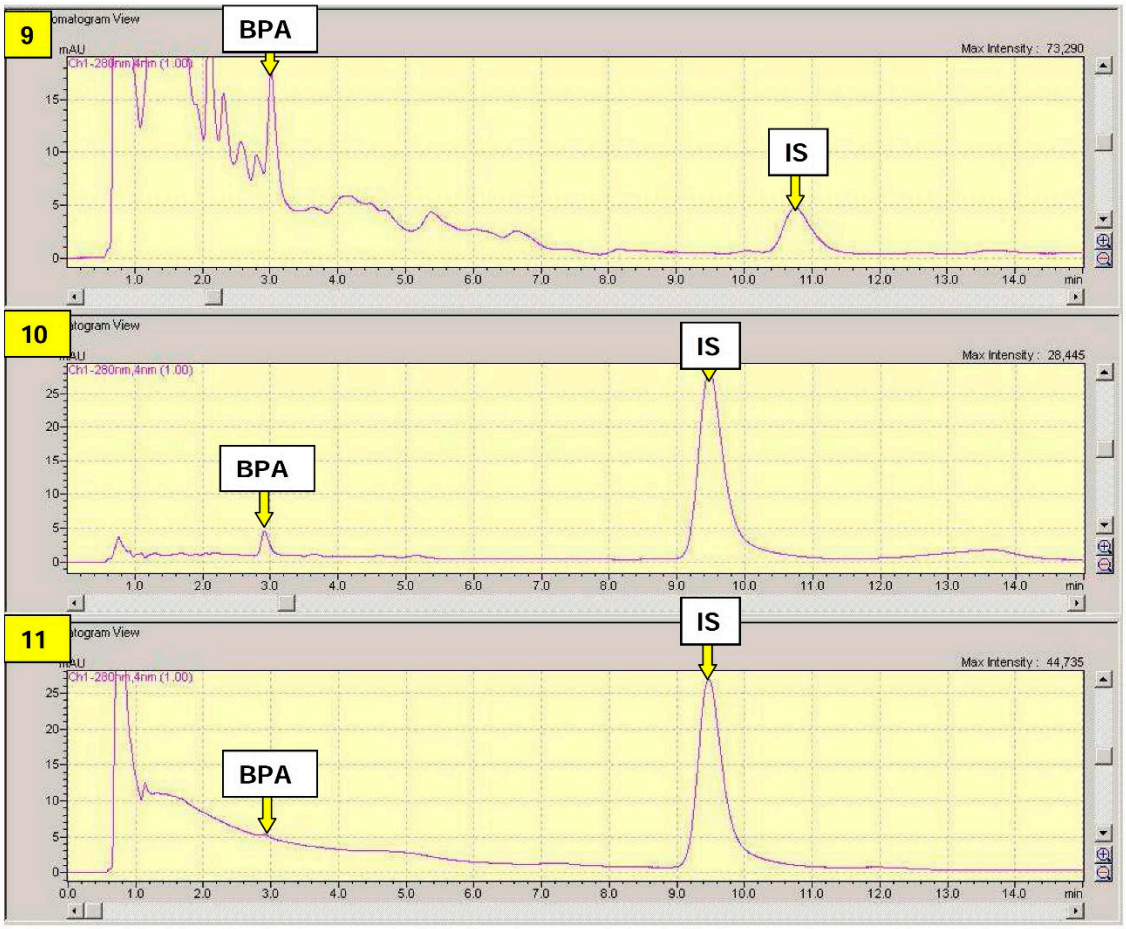


Figure S2. HPLC chromatograms of SPE extracts of environmental samples and recorded at analytical wavelength = 280 nm. Sample labels: **1** Boiled tap water and 7,8 dimethoxyflavone (IS), **2** Tap water and rice bags and 7,8 dimethoxyflavone, **3** Tap water and plastic (braeafast bags) and 7,8 dimethoxtflavone, **4** Tap water and cleaning cloths and 7,8 diethoxyflavone, **5** tap water and fish bait and 7,8 dimethoxyflavone, **6** tap water and sanitary towels and 7,8 dimethoxyflavone, **7** tap water and wet wipes and 7,8 dimethoxyflavone, **8** boiled purified sewage and 7,8 dimethoxyflavone. **9** Raw purified sewage and 7,8 dimethoxyflavone, **10** distilled water and 7,8 dimethoxyflavone, **11** Raw tap water and7,8 dimethoxyflavone. Bisphenol A (BPA) peak is marked on all chromatograms.

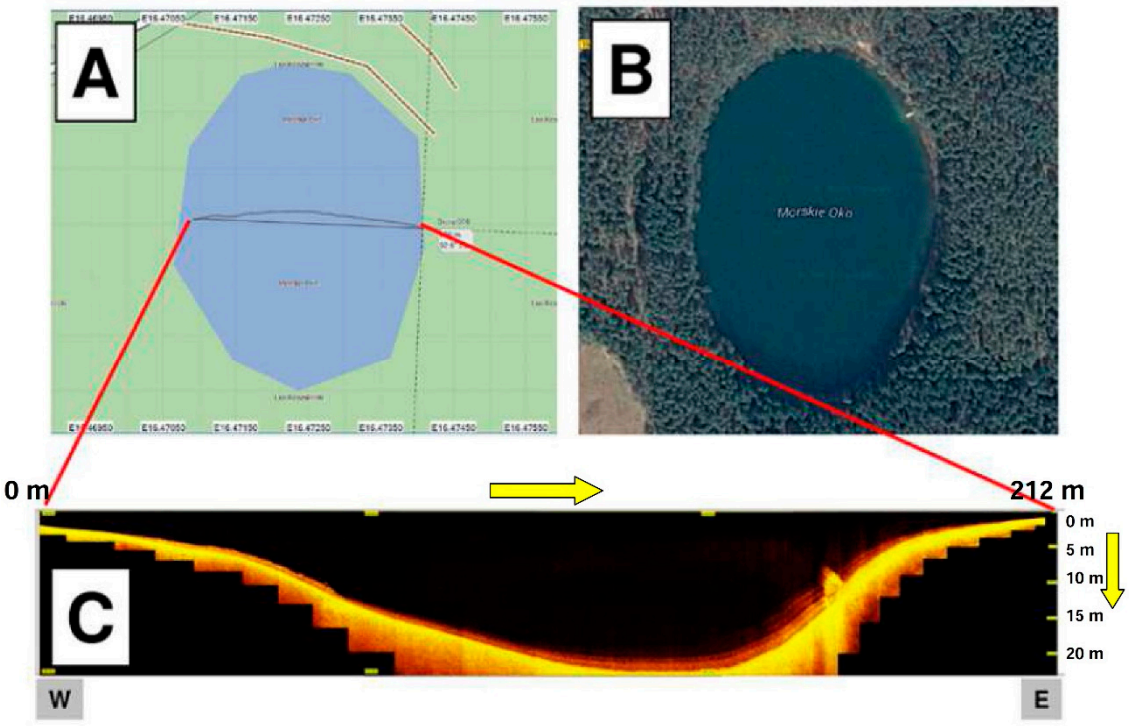


Figure S3. Geographical location (A,B maps provided by Garmin and GoogleMaps, respectively) and bathymetric intersection (22.03.2015) through JezioroMorskieOko lobelia lake. Depth profile was made using Garmin echoMAP 50dv marine chartplotter/sonar equipped with transducer GT 20 (77/200/455 kHz) working with high frequency 455 kHz (DownVü mode); lake cross-section was visualized using Home Port Ver. 2.2.1.0 2009-2015 Garmin Ltd. freeware; Copyright @ 2015 Paweł K. Zarzycki with permission.