Supplementary Table 1S The ions monitored in the gas chromatography-high resolution mass spectrometry analysis of the polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs).

congeners	Trace 1	Trace 2
2378-TCDF	303.9016	305.8987
12378-PeCDF	339.8597	341.8567
23478-PeCDF	339.8597	341.8567
123478-HxCDF	373.8208	375.8178
123678-HxCDF	373.8208	375.8178
234678-HxCDF	373.8208	375.8178
123789-HxCDF	373.8208	375.8178
1234678-HpCDF	407.7818	409.7789
1234789-HpCDF	407.7818	409.7789
OCDF	441.7428	443.7399
2378-TCDD	319.8965	321.8936
12378-PeCDD	355.8546	357.8516
123478-HxCDD	389.8157	391.8127
123678-HxCDD	389.8157	391.8127
123789-HxCDD	389.8157	391.8127
1234678-HpCDD	423.7766	425.7737
OCDD	457.7377	459.7348
^{13}C-2378-TCDF	315.9419	317.9389
^{13}C-12378-PeCDF	351.9000	353.8970
^{13}C-23478-PeCDF	351.9000	353.8970
^{13}C-123478-HxCDF	383.8639	385.8610
^{13}C-123678-HxCDF	383.8639	385.8610
^{13}C-234678-HxCDF	383.8639	385.8610
^{13}C-123789-HxCDF	383.8639	385.8610
^{13}C-1234678-HpCDF	417.8253	419.8220
^{13}C-1234789-HpCDF	417.8253	419.8220
^{13}C-2378-TCDD	331.9368	333.9339
^{13}C-12378-PeCDD	367.8949	369.8919
^{13}C-123478-HxCDD	401.8559	403.8529
^{13}C-123678-HxCDD	401.8559	403.8529
^{13}C-1234678-HpCDD	435.8169	437.8140
^{13}C-OCDD	469.7779	471.7750
^{13}C-1234-TCDD	331.9368	333.9339
^{13}C-123789-HxCDD	401.8559	403.8529

homologues	Trace 1	Trace 2
TCDF	303.9016	305.8987
TCDD	319.8965	321.8936
PeCDF	339.8597	341.8567
PeCDD	355.8546	357.8516
HxCDF	373.8208	375.8178
HxCDD	389.8157	391.8127
HpCDF	407.7818	409.7789
HpCDD	423.7766	425.7737

Supplementary Table 2S The ions monitored in the gas chromatography-mass spectrometry analysis of the polycyclic aromatic hydrocarbons (PAHs).

Analyte	Trace 1	Trace 2
Naphthalene	128	127
Acenaphthylene	152	153
Acenaphehene	154	153
Fluorene	166	165
Phenanthrene	178	176
Anthracene	178	176
Fluoranthene	202	101
Pyrene	202	101
Benzo(a)anthracene	228	114
Chrysene	228	114
Benzo(b)fluoranthene	252	126
Benzo(k)fluoranthene	252	126
Benzo(e)pyrene	252	126
Benzo(a)pyrene	252	126
Perylene	252	126
Indeno(1,2,3-cd)pyrene	276	138
Dibenz(ah)anthracene	278	139
Benzo(ghi)perylene	276	138
d_8-Naphthalene	136	68
d_8-Acenaphthylene	160	
d_{10}-Acenaphthene	164	
d_{10}-Fluorene	176	
d_{10}-Phenanthrene	188	94
d_{10}-Anthracene	188	94
d_{10}-Fluoranthene	212	106
d_{10}-Pyrene	212	106
d_{12}-Benzo(a)anthracene	240	120
d_{12}-Chrysene	240	120
d_{12}-Benzo(b)fluoranthene	264	132
d_{12}-Benzo(k)fluoranthene	264	132
d_{12}-Benzo(e)pyrene	264	132
d_{12}-Benzo(a)pyrene	264	132
d_{12}-Perylene	264	132
d_{12}-Indeno(1,2,3-cd)pyrene	288	

Analyte	Trace 1	Trace 2
d_{14}-Dibenz(ah)anthracene	292	
d_{12}-Benzo(ghi)perylene	288	

Supplementary Table 3S The ions monitored in the gas chromatography-mass spectrometry analysis of the chlorobenzenes (CBzs).

Analyte	Trace 1	Trace 2
TCBz[a]	216	218
PeCBz[b]	250	252
HxCBz[c]	284	286
^{13}C-TCBz	224	226
^{13}C-PeCBz	258	260
^{13}C-HxCBz	294	296

[a] Tetrachlorobenzene

[b] Pentachlorobenzene

[c] Hexachlorobenzene