Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103194.D
Acq On : 23 Feb 2018 12:52
Operator : SJ/JU
Sample : J1161-07
Misc : LOD-S-1ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 23 13:32:00 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	178708	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	781737	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	363678	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	649606	20.00	ng		0.00
75) Chrysene-d12	14.08	240	480546	20.00	ng		0.03
86) Perylene-d12	15.63	264	464650	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1334427	112.93	ng		0.00
7) Phenol-d6	6.50	99	1637811	113.28	ng		0.00
23) Nitrobenzene-d5	7.44	82	1200917	87.73	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	369620	120.07	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1776373	83.86	ng		0.00
78) Terphenyl-d14	12.99	244	1478739	73.97	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.49	42	983	0.146	ng	#	42
6) Aniline	6.54	93	21927	1.051	ng	#	85
8) 2-Chlorophenol	6.66	128	13666	1.113	ng		93
9) Benzaldehyde	6.43	77	7715	0.172	ng		94
10) Phenol	6.52	94	18386	1.095	ng		82
11) bis(2-Chloroethyl)ether	6.60	93	14608	1.147	ng		91
12) 1,3-Dichlorobenzene	6.81	146	15633	1.114	ng		97
13) 1,4-Dichlorobenzene	6.89	146	16237	1.155	ng		97
14) 1,2-Dichlorobenzene	6.89	146	16237	1.252	ng		96
15) Benzyl Alcohol	7.02	79	28668	2.631	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	7.14	45	24471	1.119	ng		84
18) Hexachloroethane	7.38	117	5320	1.039	ng		92
24) Nitrobenzene	7.45	77	19807	1.314	ng		93
31) Naphthalene	8.17	128	43868	1.146	ng		99
34) Hexachlorobutadiene	8.29	225	6454	1.121	ng		94
37) 2-Methylnaphthalene	8.87	142	29202	1.181	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	10759	1.082	ng		99
45) 1,1'-Biphenyl	9.33	154	40306	1.323	ng		97
46) 2-Chloronaphthalene	9.36	162	28011	1.162	ng		98
47) 2-Nitroaniline	9.46	65	8405	0.941	ng	#	79
48) Acenaphthylene	9.77	152	43367	1.169	ng		99
49) Dimethylphthalate	9.62	163	32187	1.103	ng		99
50) 2,6-Dinitrotoluene	9.69	165	6051	0.988	ng		89
51) Acenaphthene	9.94	154	25971	1.201	ng		97
54) Dibenzofuran	10.12	168	37212	1.253	ng		97
57) Fluorene	10.46	166	29837	1.180	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	4954	0.958	ng	#	97
59) Diethylphthalate	10.32	149	31919	1.144	ng		98
62) Azobenzene	10.61	77	33119	1.166	ng		98
65) n-Nitrosodiphenylamine	10.56	169	25652	1.134	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	6971	1.030	ng		95
67) Hexachlorobenzene	11.00	284	7938	1.081	ng		93
68) Atrazine	11.09	200	6142	0.903	ng		94
70) Phenanthrene	11.42	178	42000	1.175	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103194.D
Acq On : 23 Feb 2018 12:52
Operator : SJ/JU
Sample : J1161-07
Misc : LOD-S-1ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 23 13:32:00 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Anthracene	11.47	178	41301	1.127	ng		98
72) Carbazole	11.64	167	39014	1.069	ng		99
73) Di-n-butylphthalate	11.95	149	50381	1.103	ng		98
74) Fluoranthene	12.62	202	39424	1.097	ng		97
77) Pyrene	12.85	202	41193	1.099	ng		97
79) Butylbenzylphthalate	13.46	149	18454	0.932	ng		97
80) Benzo(a)anthracene	14.07	228	32962	1.057	ng		99
82) Chrysene	14.10	228	33176	1.096	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	27604	1.033	ng	#	97
84) Di-n-octyl phthalate	14.71	149	43456	1.007	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.16	276	25829	1.078	ng	#	91
87) Benzo(b)fluoranthene	15.19	252	28153	0.922	ng	#	97
88) Benzo(k)fluoranthene	15.19	252	28153	0.979	ng		97
89) Benzo(a)pyrene	15.56	252	26941	0.988	ng	#	93
90) Dibenzo(a,h)anthracene	17.17	278	21396	1.015	ng		98
91) Benzo(g,h,i)perylene	17.62	276	22240	1.079	ng	#	94

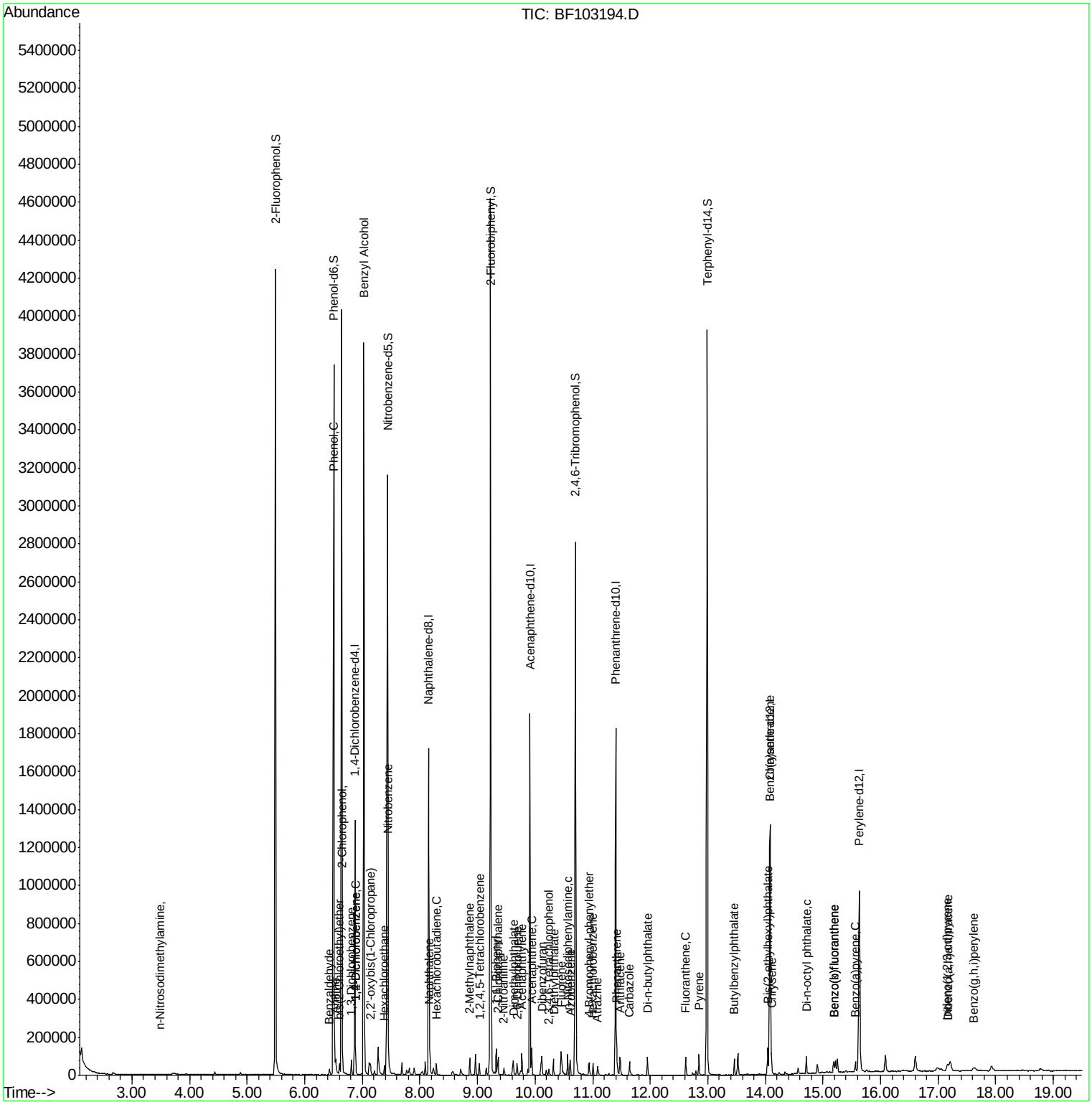
(#) = qualifier out of range (m) = manual integration (+) = signals summed

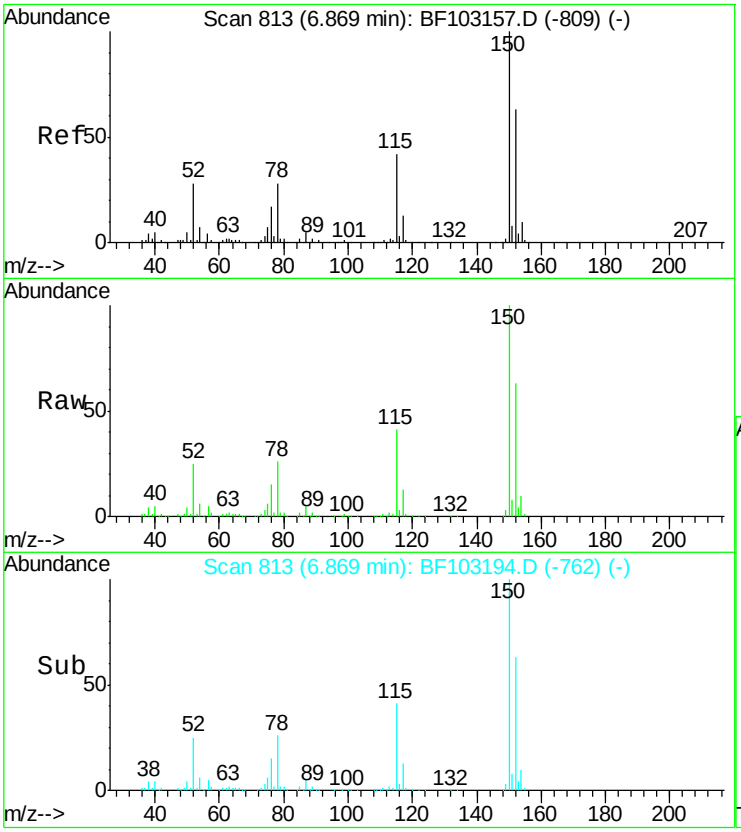
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103194.D
Acq On : 23 Feb 2018 12:52
Operator : SJ/JU
Sample : J1161-07
Misc : LOD-S-1ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 23 13:32:00 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration



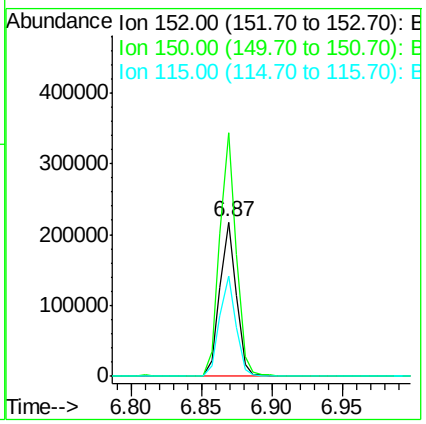


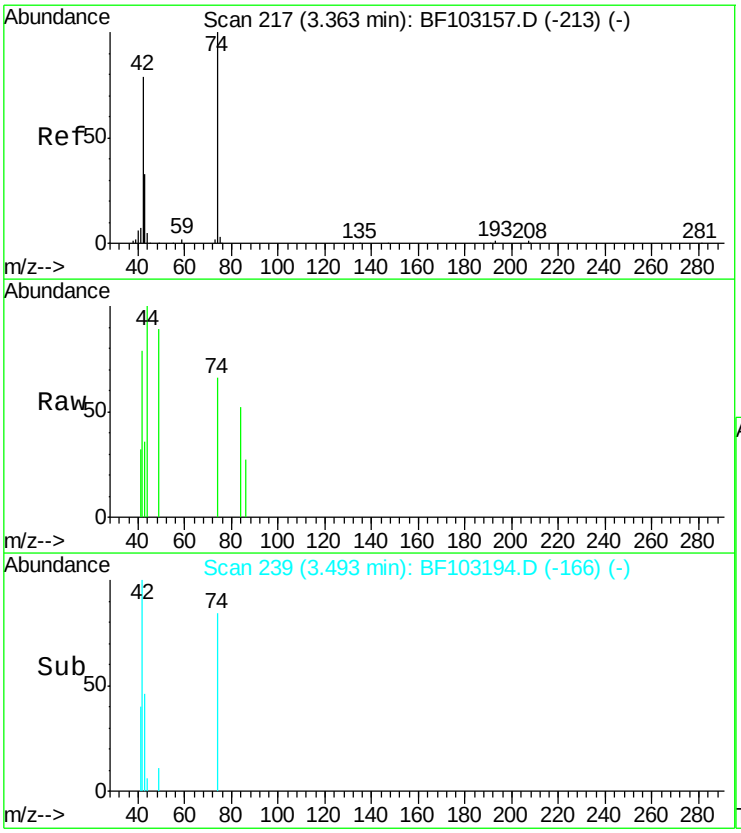
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:152 Resp: 178708

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	65.2	50.1	75.1

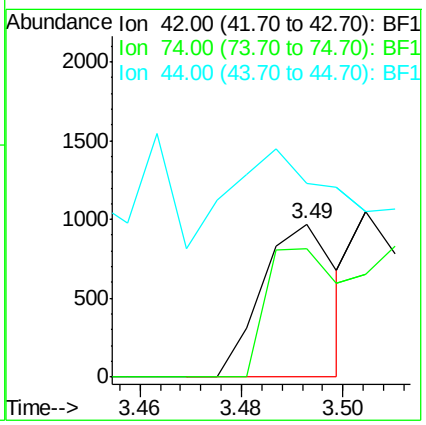


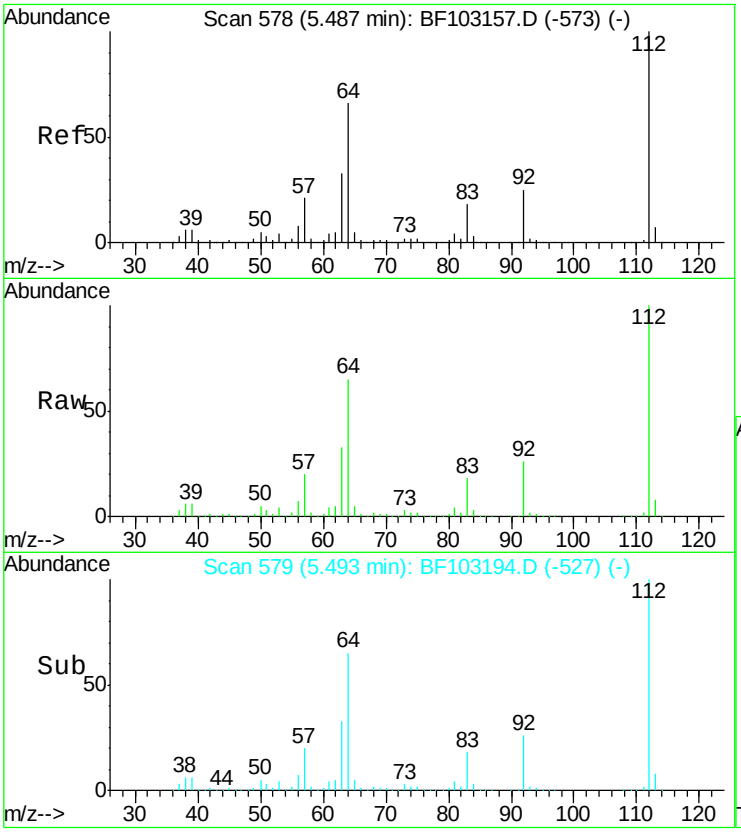


#4
n-Nitrosodimethylamine
Concen: 0.146 ng
RT: 3.49 min Scan# 239
Delta R.T. 0.13 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 42 Resp: 983

Ion	Ratio	Lower	Upper
42	100		
74	84.1	104.9	157.3#
44	127.1	6.9	10.3#



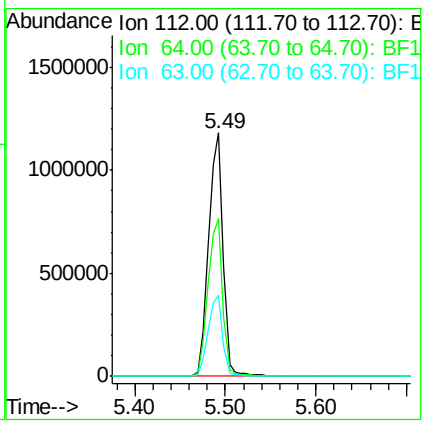


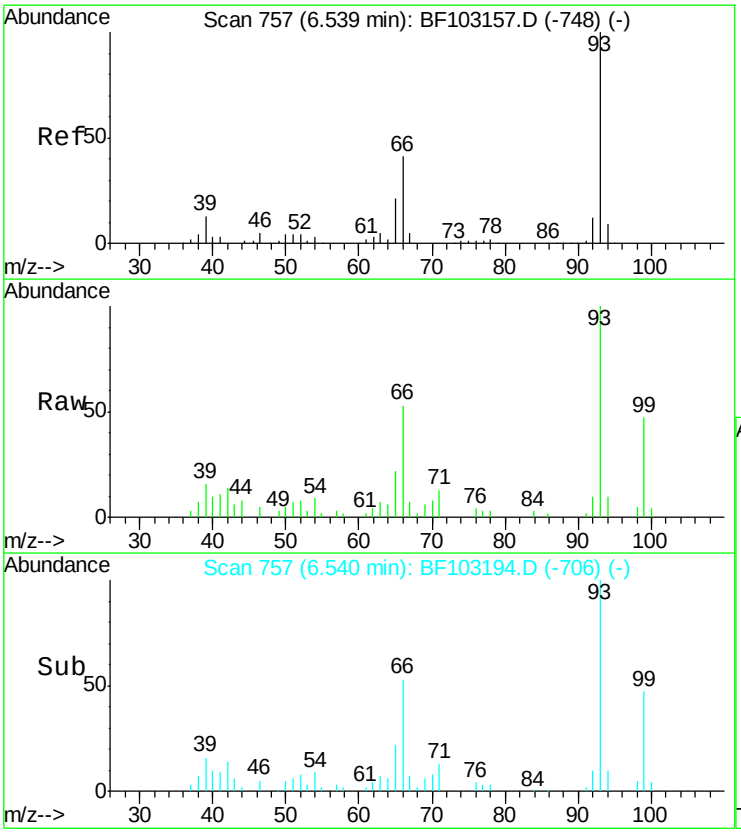
#5
2-Fluorophenol
Concen: 112.934 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:112 Resp: 1334427

Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	33.4	23.7	35.5

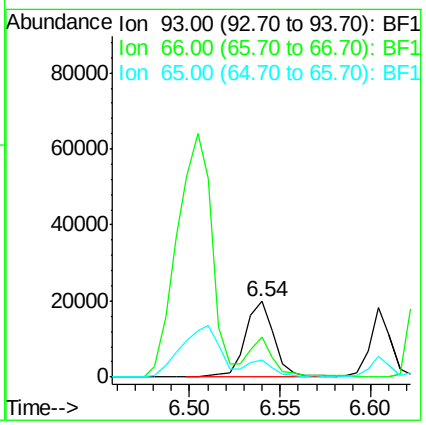


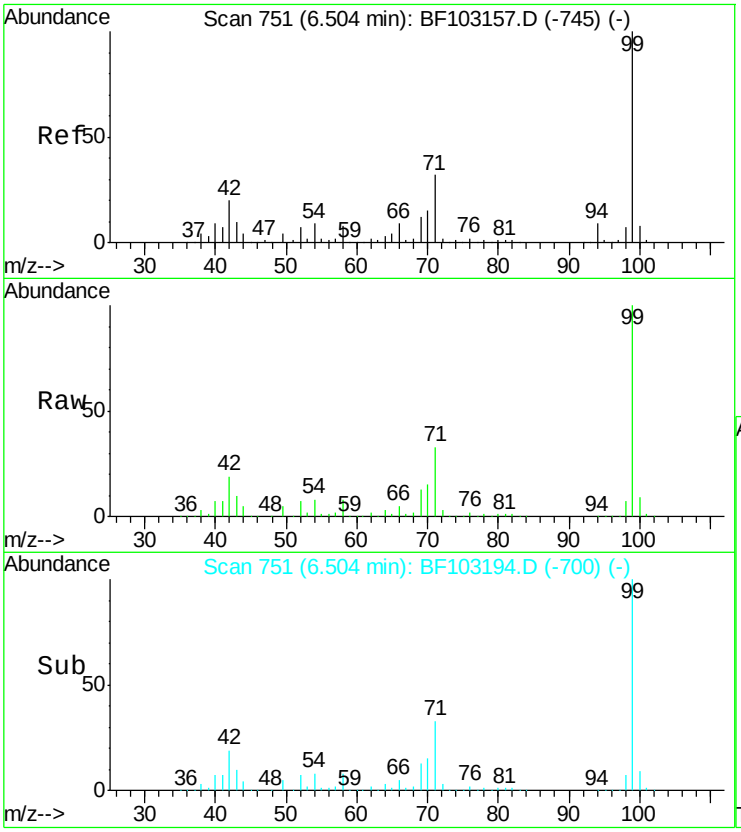


#6
Aniline
Concen: 1.051 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 93 Resp: 21927

Ion	Ratio	Lower	Upper
93	100		
66	52.6	32.2	48.2#
65	22.5	16.4	24.6



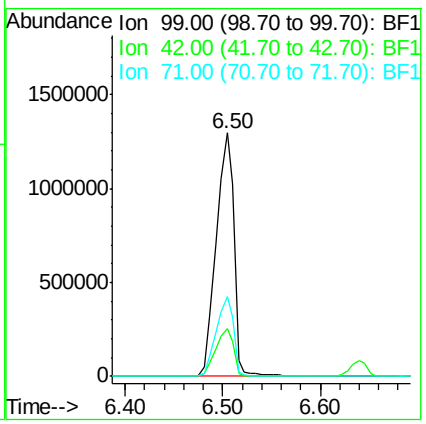


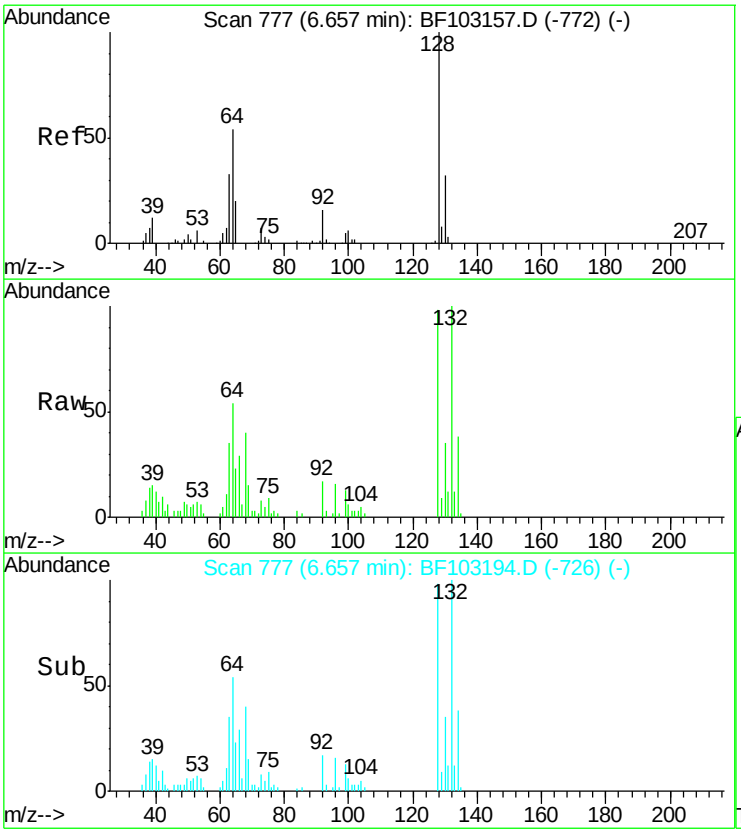
#7
Phenol-d6
Concen: 113.276 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion: 99 Resp: 1637811

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.9	25.4	38.0

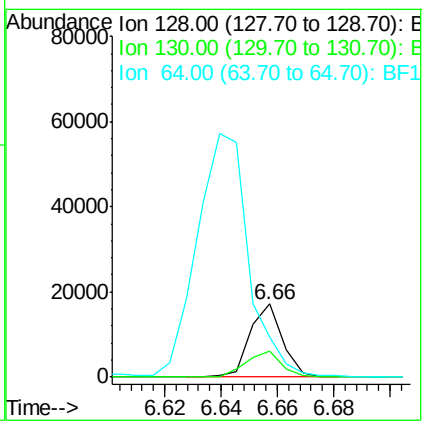


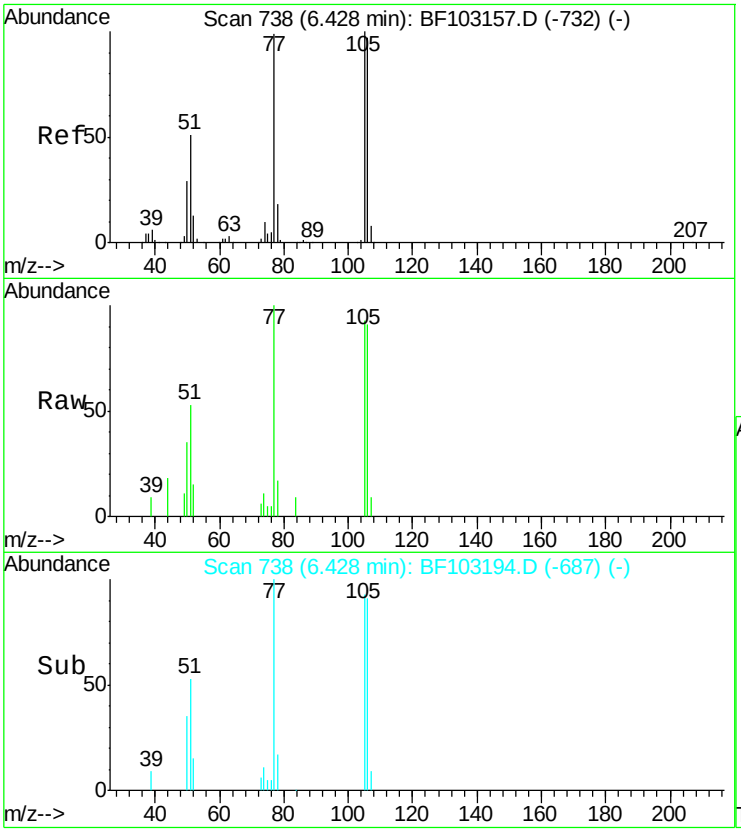


#8
2-Chlorophenol
Concen: 1.113 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:128 Resp: 13666

Ion	Ratio	Lower	Upper
128	100		
130	35.3	13.0	53.0
64	55.1	29.4	69.4



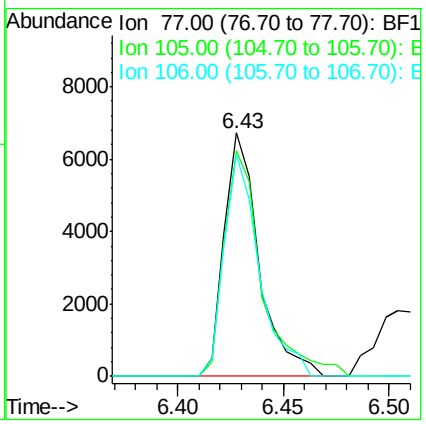


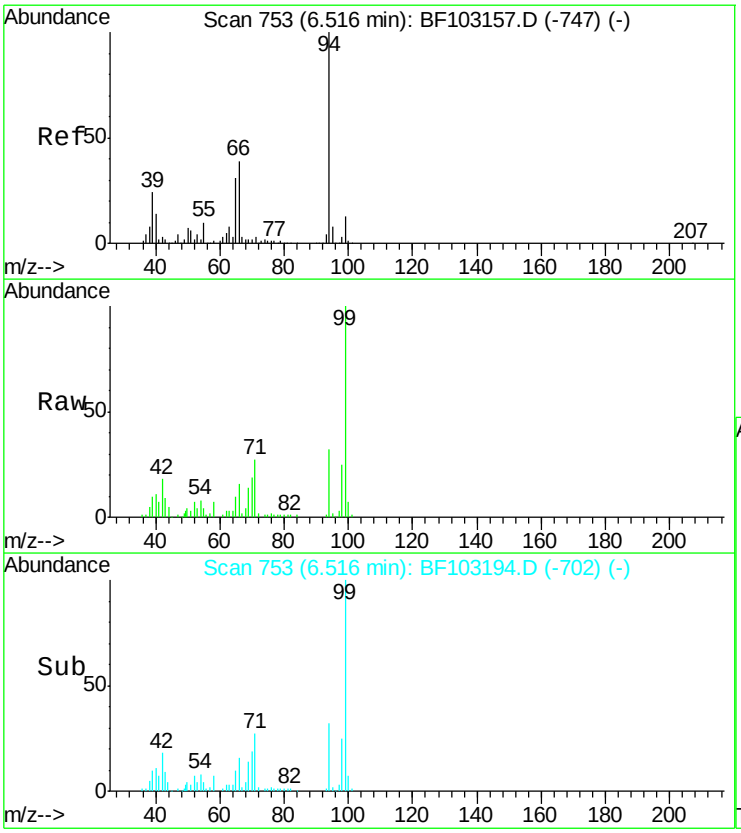
#9
Benzaldehyde
Concen: 0.172 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion: 77 Resp: 7715

Ion	Ratio	Lower	Upper
77	100		
105	92.7	81.1	121.1
106	90.9	74.5	114.5

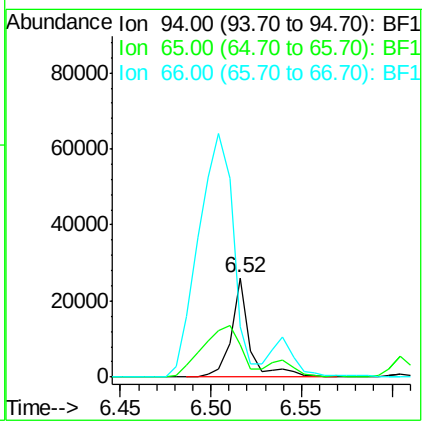


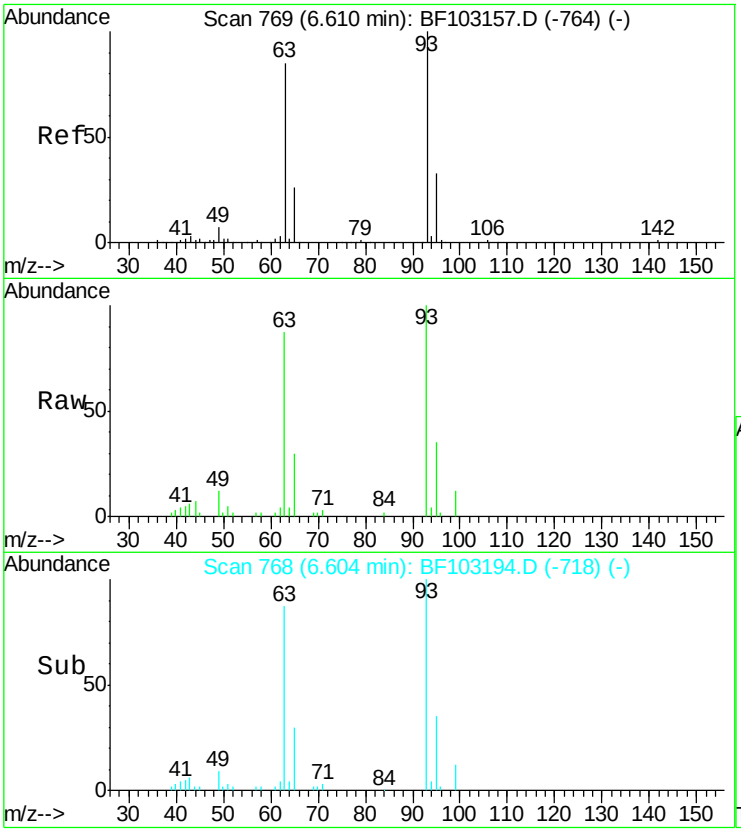


#10
Phenol
Concen: 1.095 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 94 Resp: 18386

Ion	Ratio	Lower	Upper
94	100		
65	32.5	7.9	47.9
66	50.9	16.2	56.2



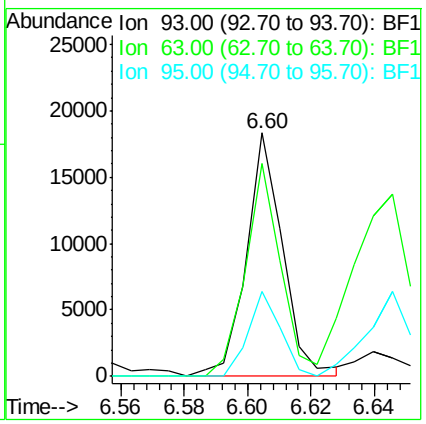


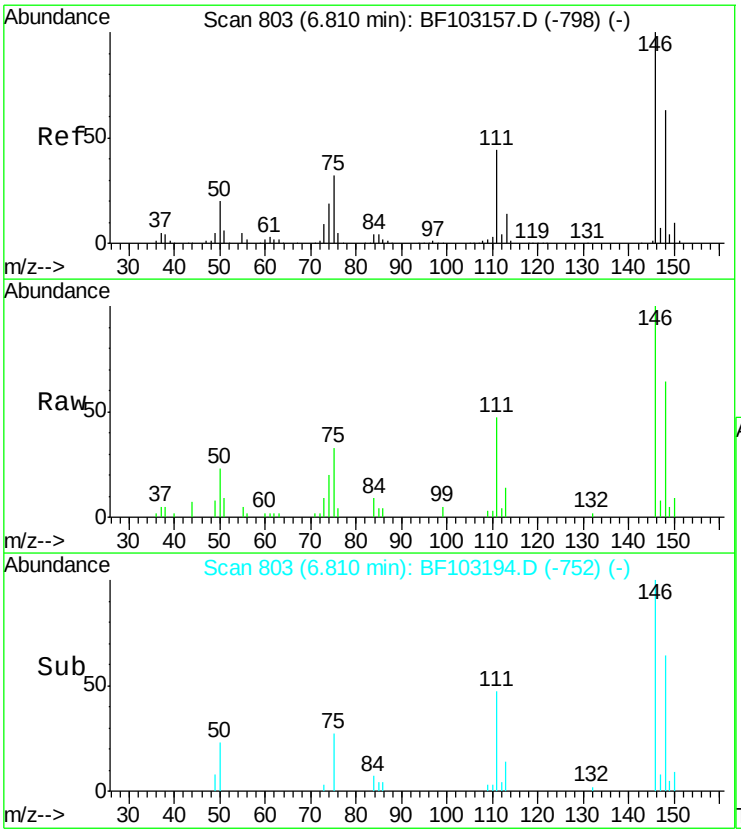
#11
bis(2-Chloroethyl)ether
Concen: 1.147 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion: 93 Resp: 14608

Ion	Ratio	Lower	Upper
93	100		
63	87.2	58.6	98.6
95	34.8	11.8	51.8

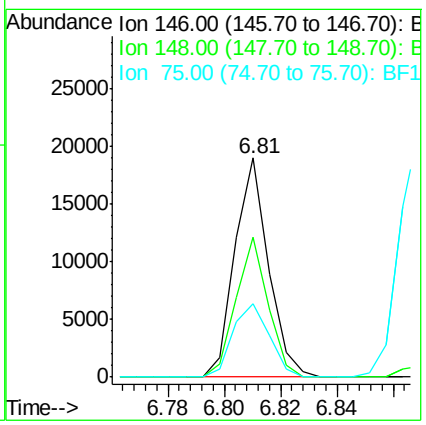


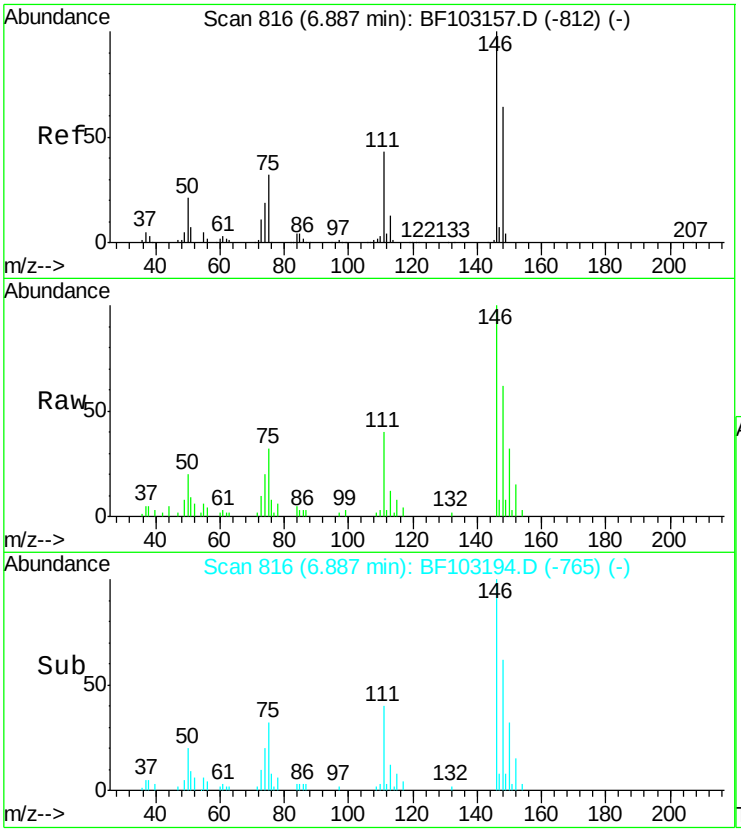


#12
1,3-Dichlorobenzene
Concen: 1.114 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:146 Resp: 15633

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	33.3	24.2	36.4



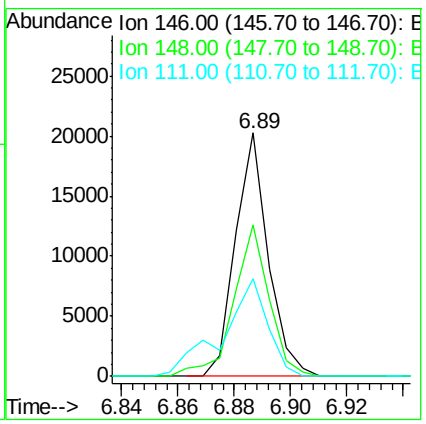


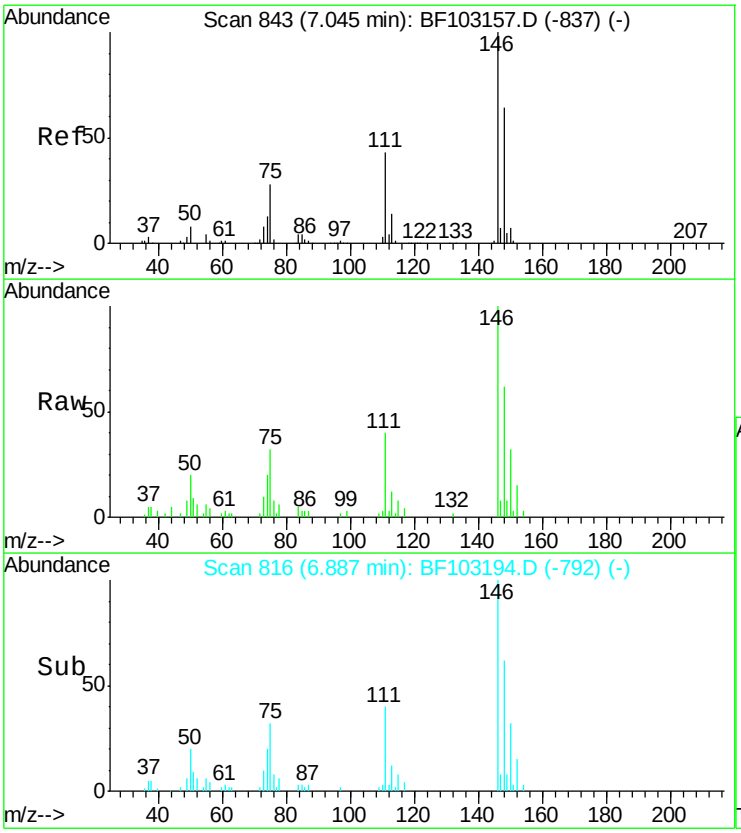
#13
1,4-Dichlorobenzene
Concen: 1.155 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:146 Resp: 16237

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.8	76.2
111	40.0	34.2	51.2

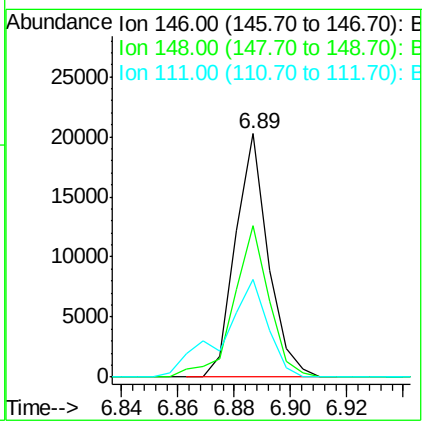


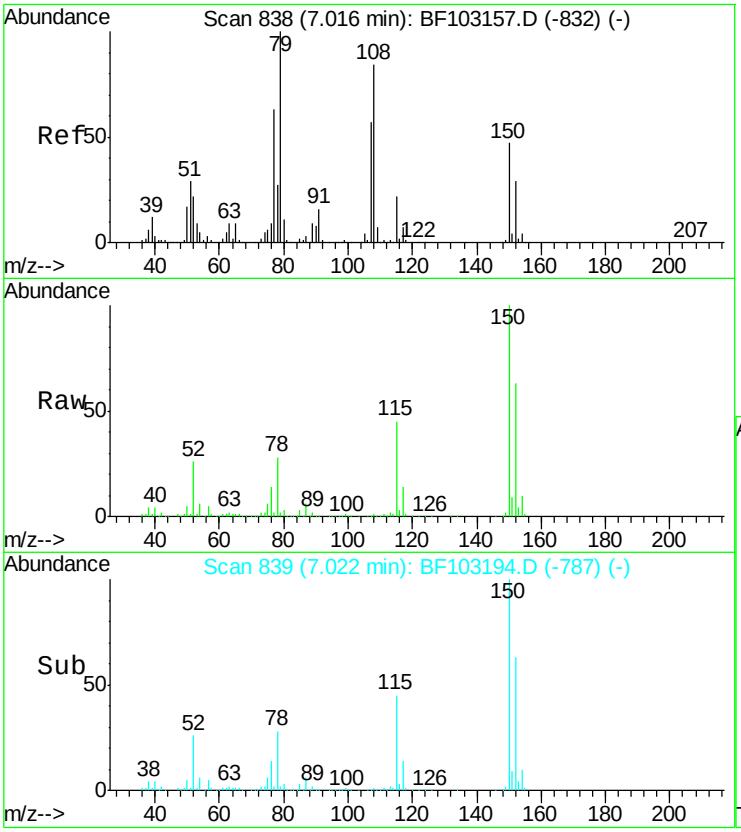


#14
1,2-Dichlorobenzene
Concen: 1.252 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.16 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:146 Resp: 16237

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	75.8
111	40.0	36.0	54.0



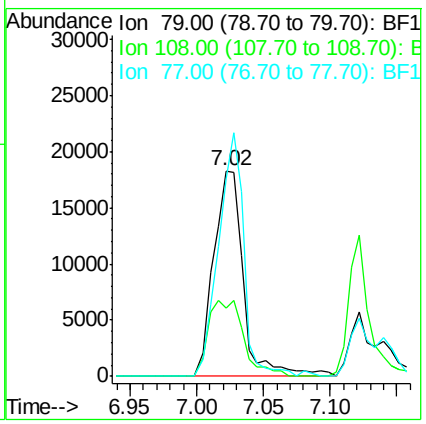


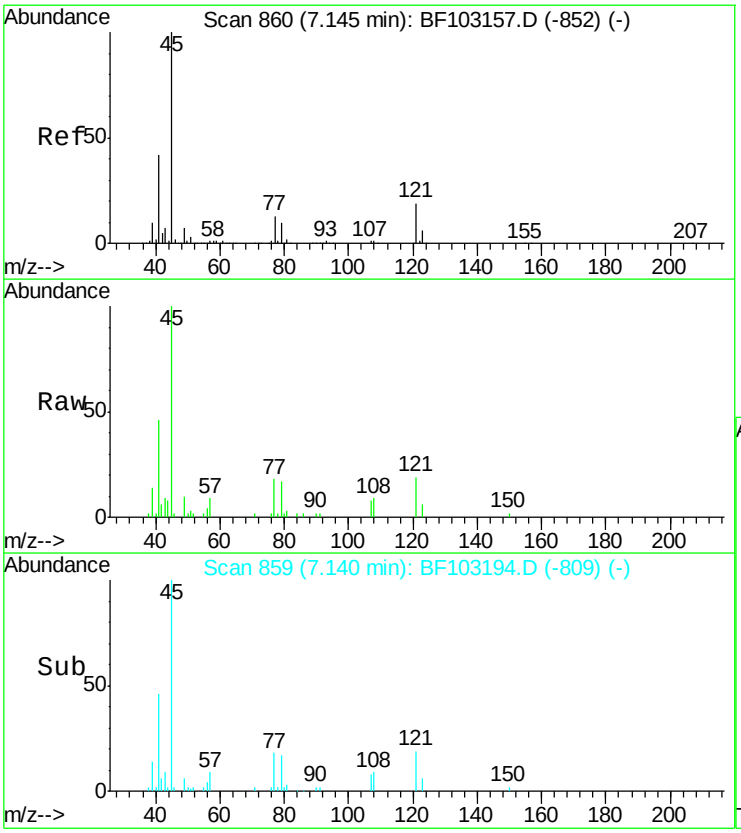
#15
Benzyl Alcohol
Concen: 2.631 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion: 79 Resp: 28668

Ion	Ratio	Lower	Upper
79	100		
108	33.1	65.1	97.7#
77	96.1	50.6	75.8#

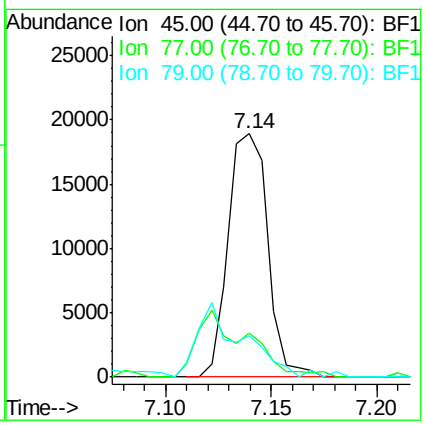


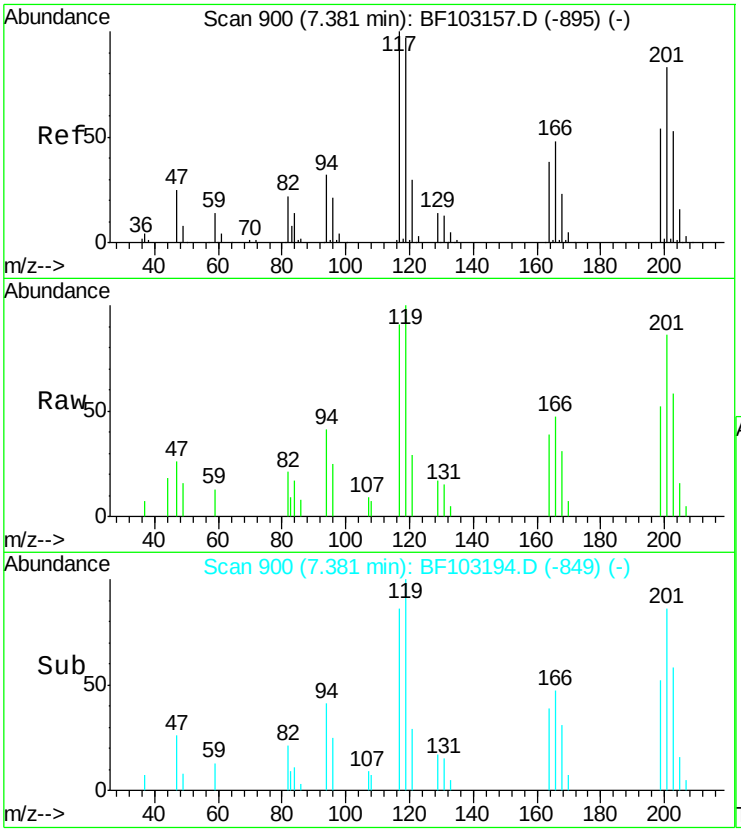


#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.119 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 45 Resp: 24471

Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	32.9
79	16.7	0.0	29.6



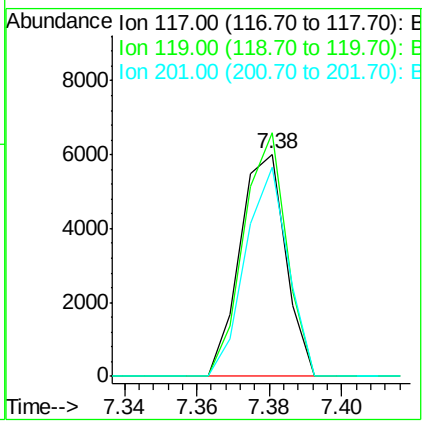


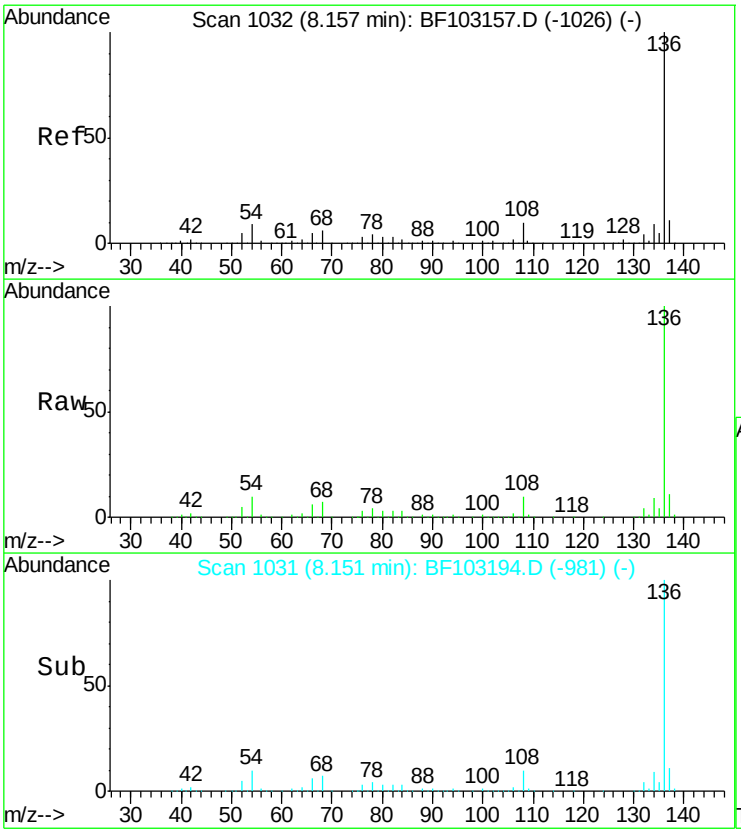
#18
Hexachloroethane
Concen: 1.039 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:117 Resp: 5320

Ion	Ratio	Lower	Upper
117	100		
119	109.6	75.8	113.8
201	94.0	75.7	113.5

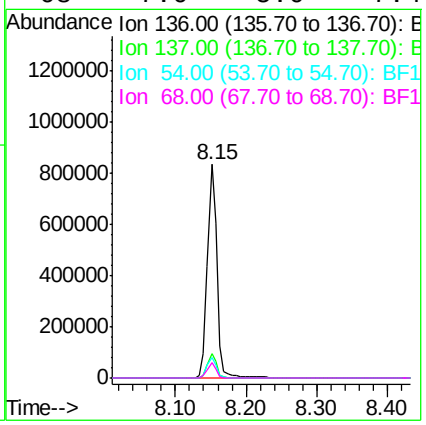


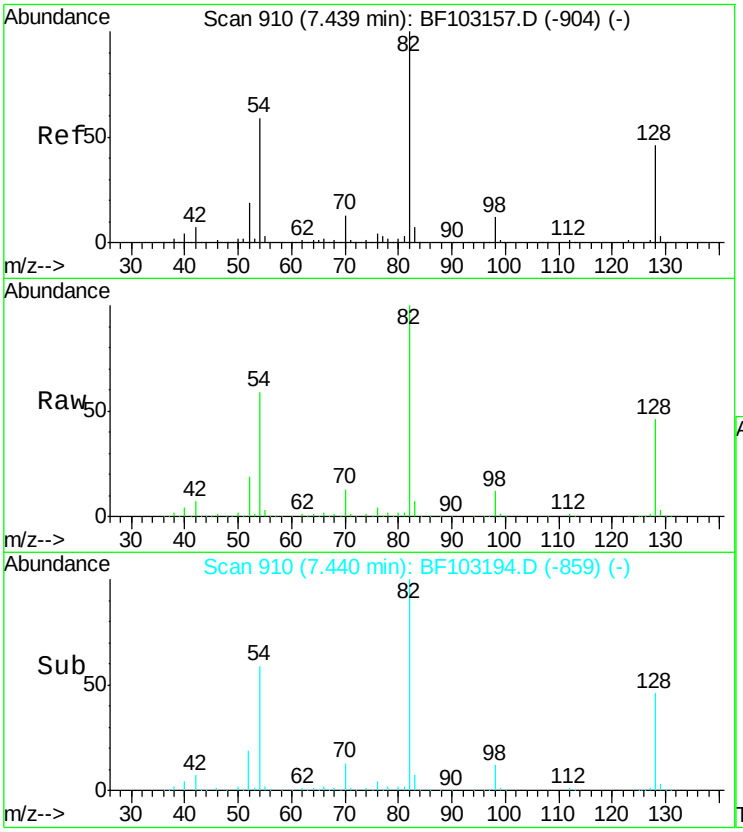


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:136 Resp: 781737

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.7	6.6	9.8
68	7.0	5.0	7.4



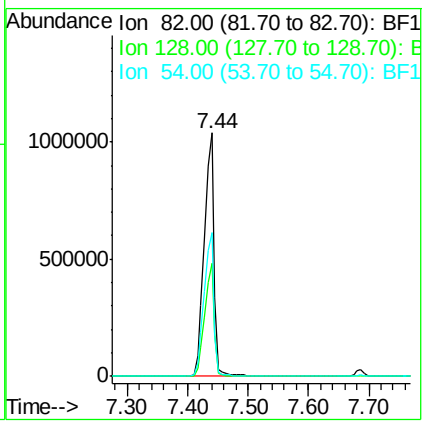


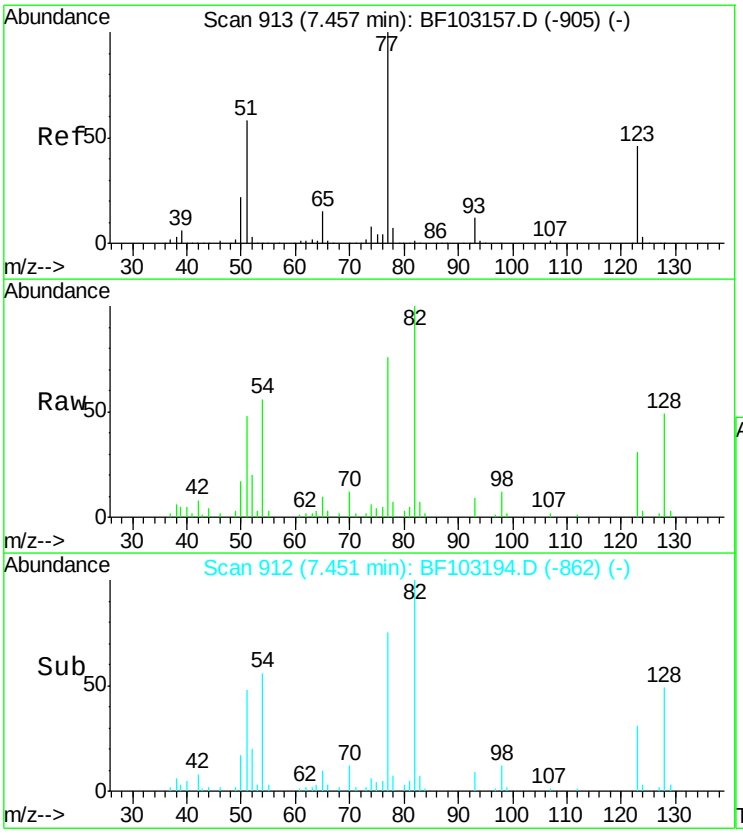
#23
Nitrobenzene-d5
Concen: 87.731 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion: 82 Resp: 1200917

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	59.3	41.4	62.2

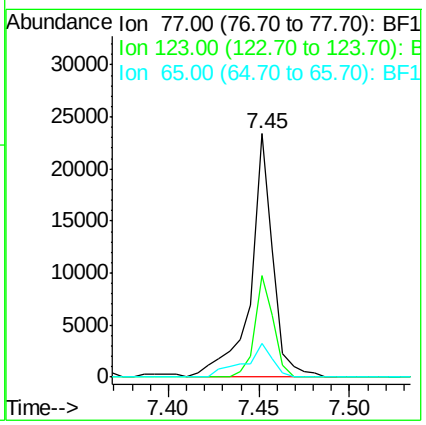


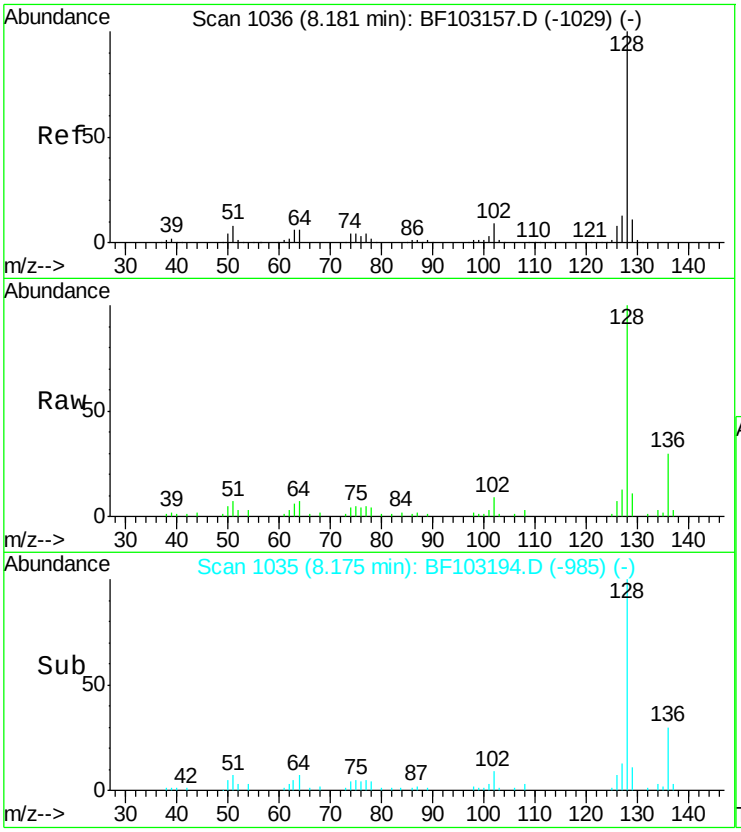


#24
Nitrobenzene
Concen: 1.314 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 77 Resp: 19807

Ion	Ratio	Lower	Upper
77	100		
123	41.4	37.9	56.9
65	13.8	11.0	16.4



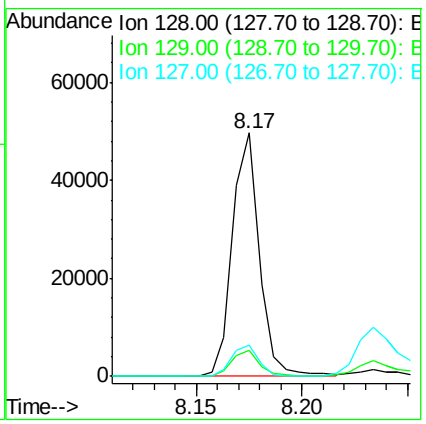


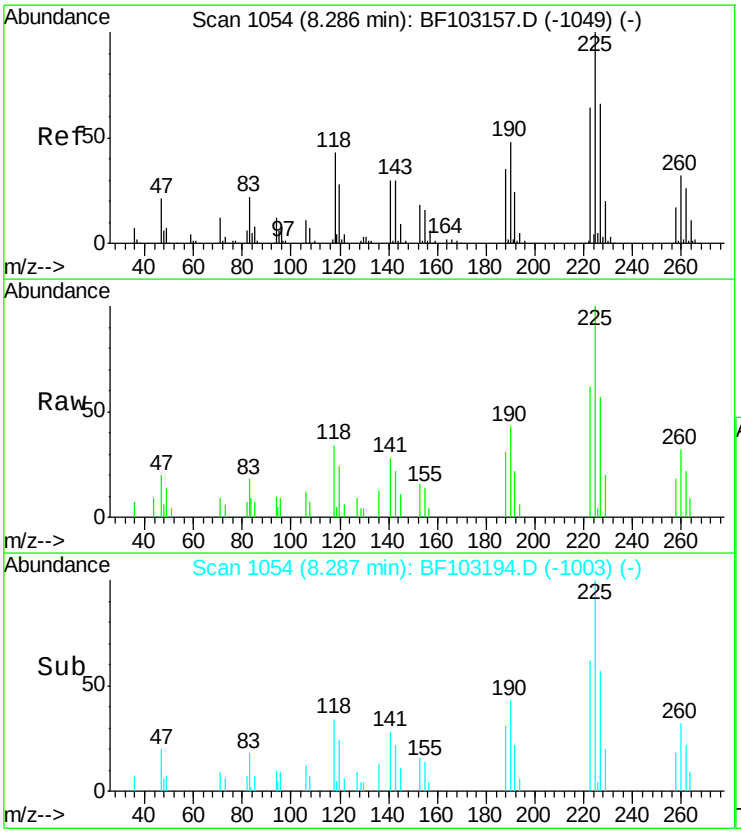
#31
Naphthalene
Concen: 1.146 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:128 Resp: 43868

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.9	16.3

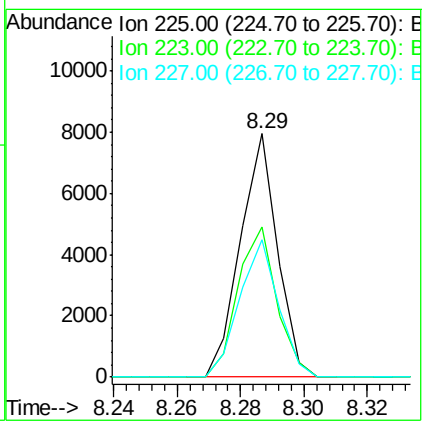


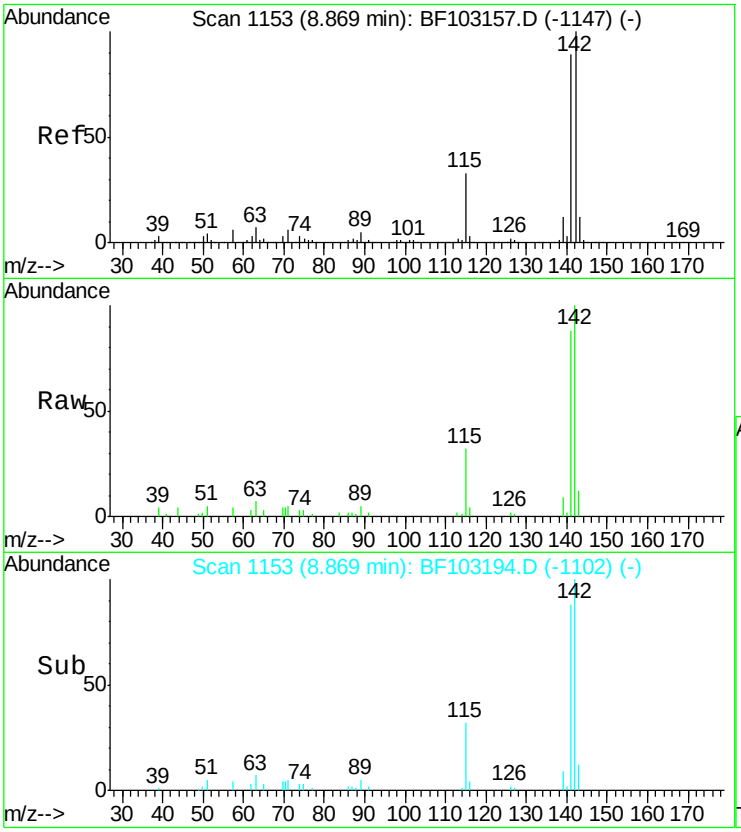


#34
Hexachlorobutadiene
Concen: 1.121 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:225 Resp: 6454

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	56.6	51.9	77.9



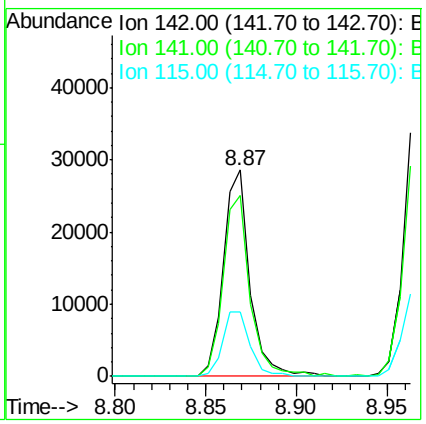


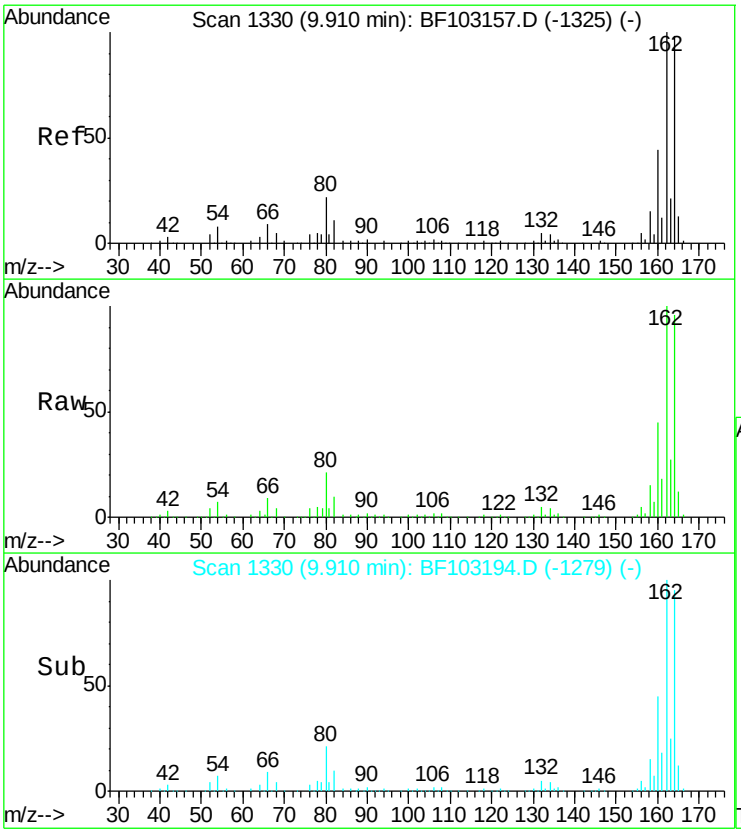
#37
2-Methylnaphthalene
Concen: 1.181 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:142 Resp: 29202

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	31.6	26.1	39.1

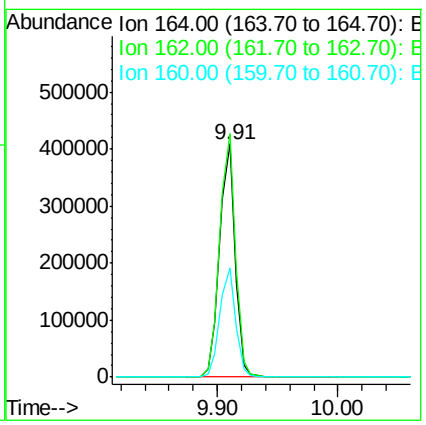


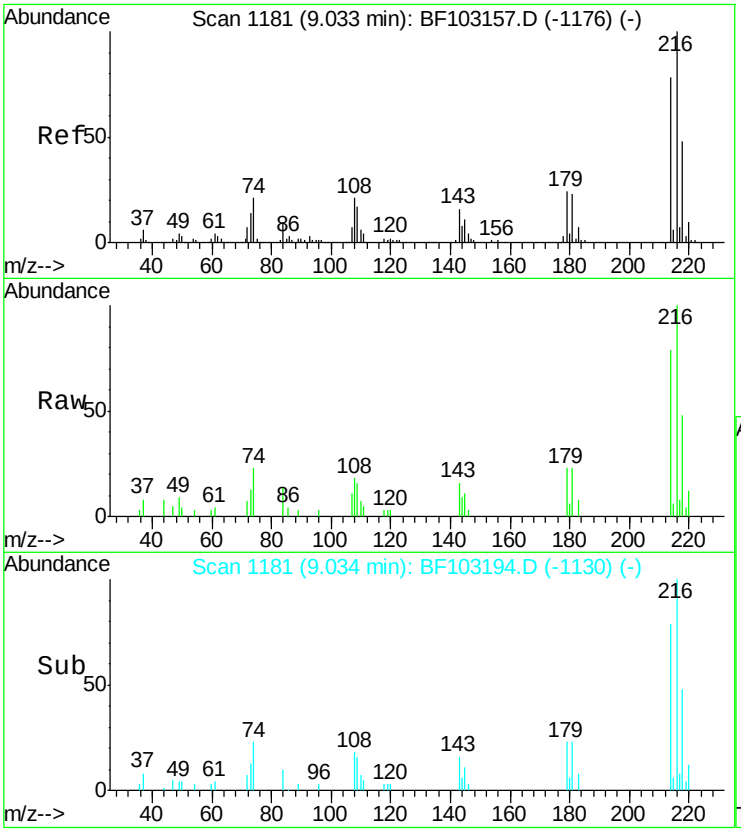


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:164 Resp: 363678

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.0	38.3	57.5



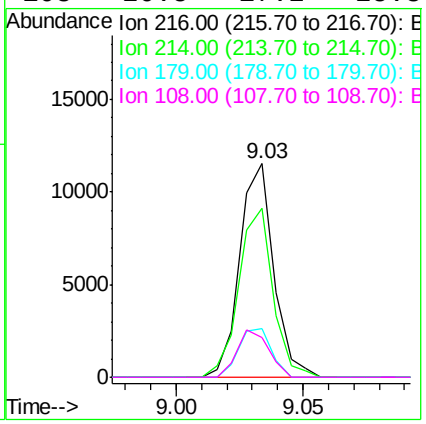


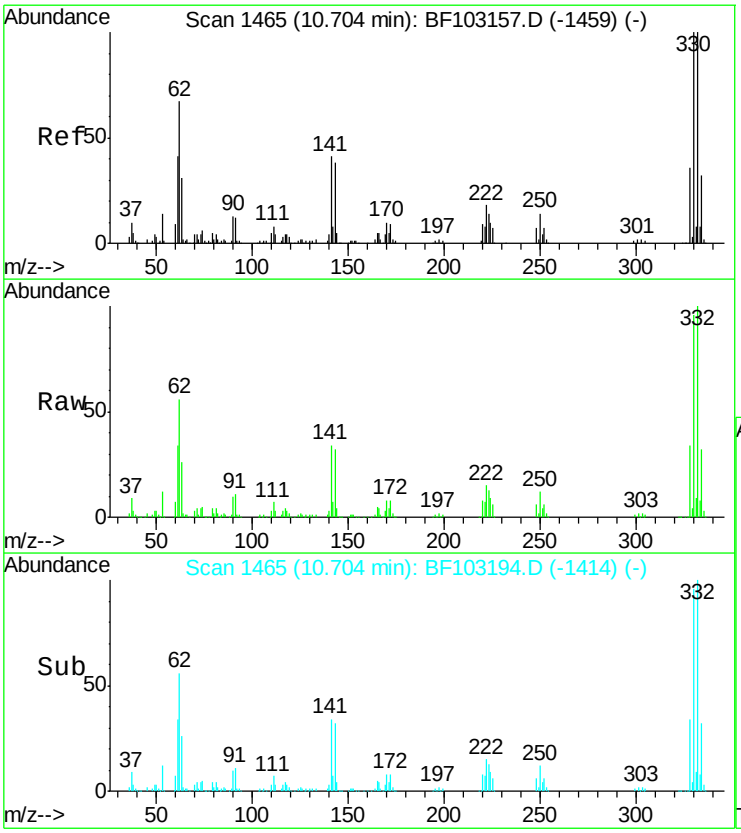
#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.082 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:216 Resp: 10759

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	21.9	18.1	27.1
108	20.5	17.2	25.8

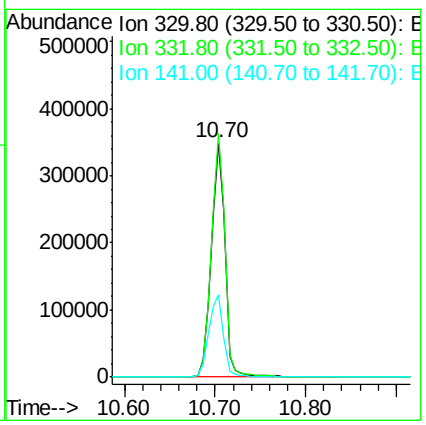


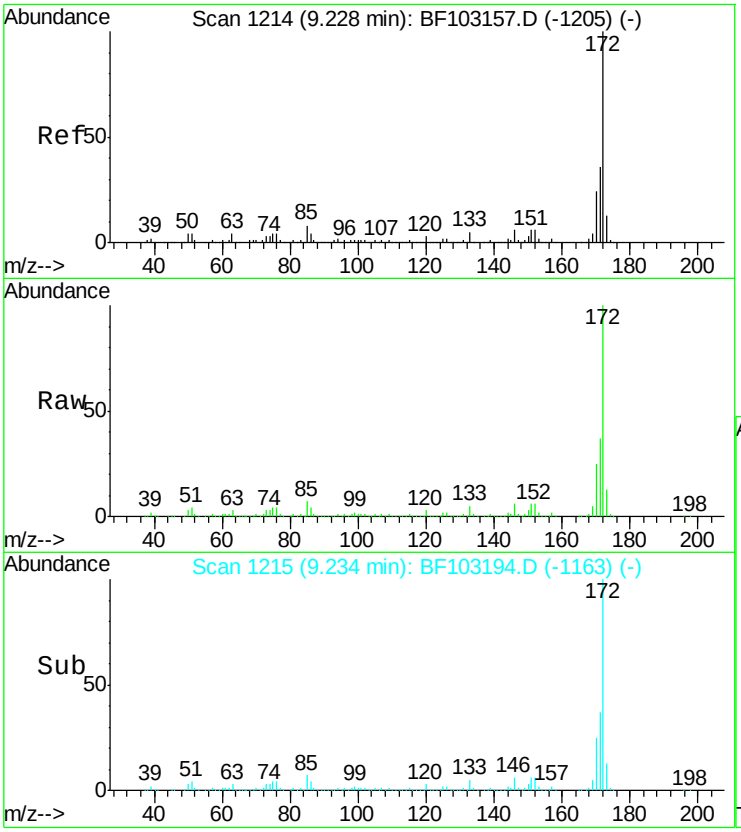


#41
2,4,6-Tribromophenol
Concen: 120.071 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:330 Resp: 369620

Ion	Ratio	Lower	Upper
330	100		
332	103.8	77.0	115.6
141	38.2	29.9	44.9



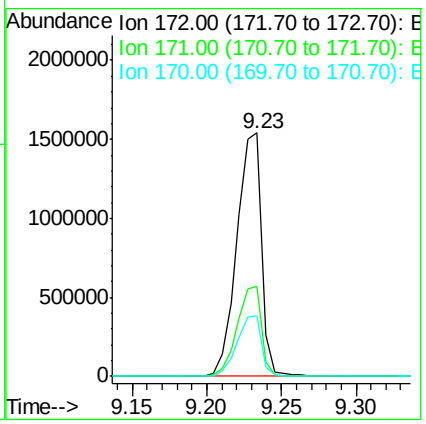


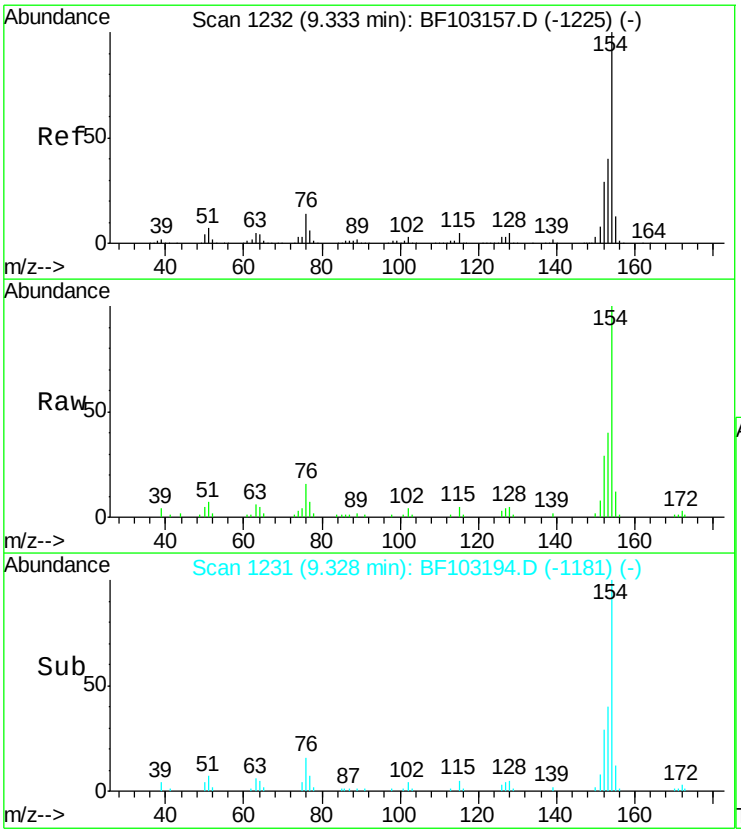
#44
2-Fluorobiphenyl
Concen: 83.862 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:172 Resp: 1776373

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	19.6	29.4

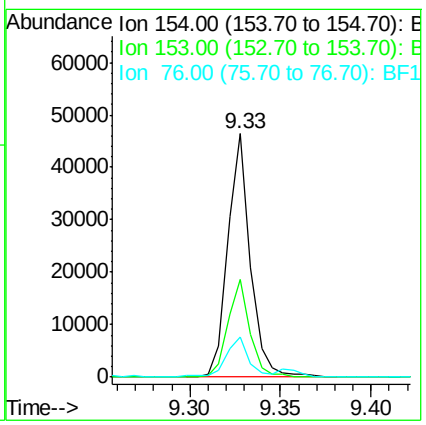


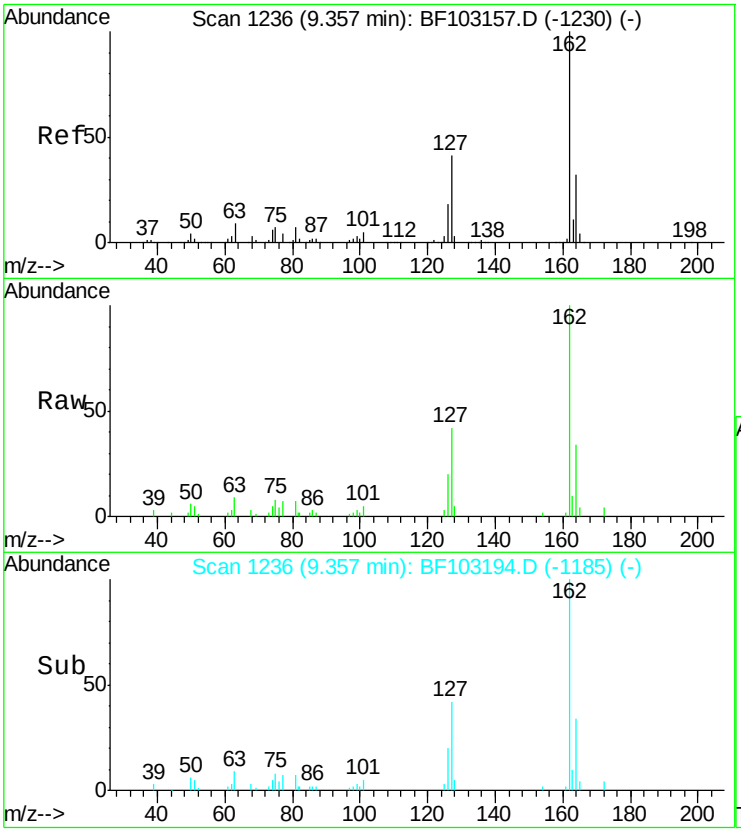


#45
1,1'-Biphenyl
Concen: 1.323 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:154 Resp: 40306

Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	16.3	0.0	34.0



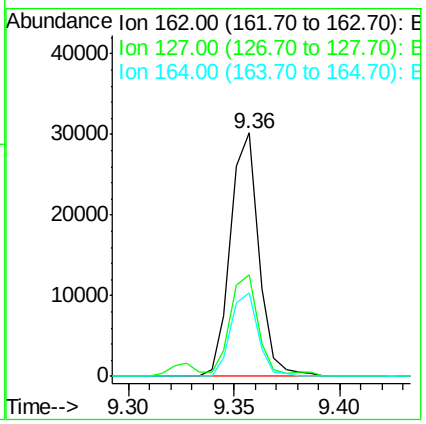


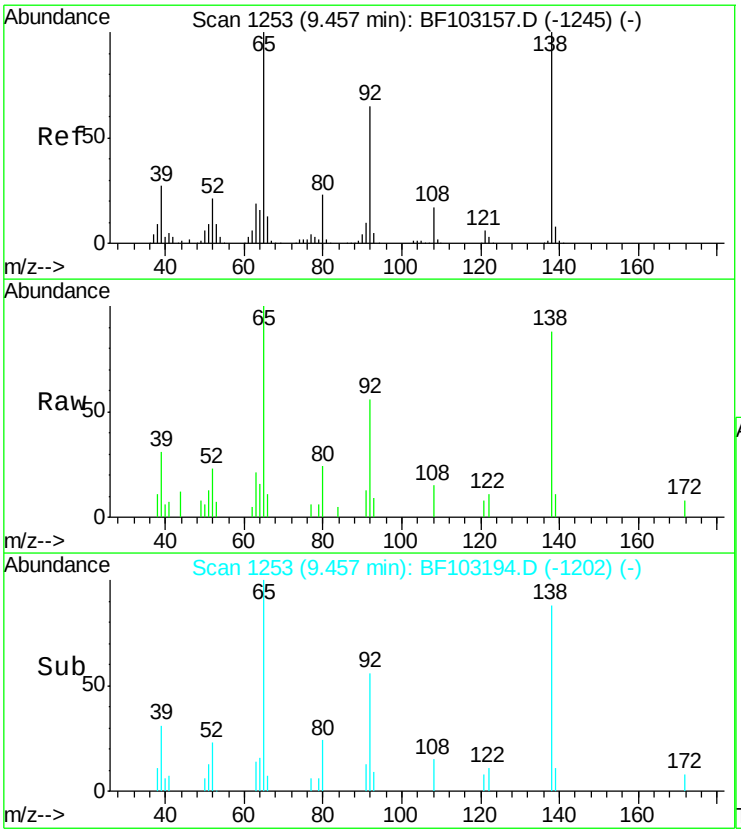
#46
2-Chloronaphthalene
Concen: 1.162 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:162 Resp: 28011

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	34.3	26.5	39.7

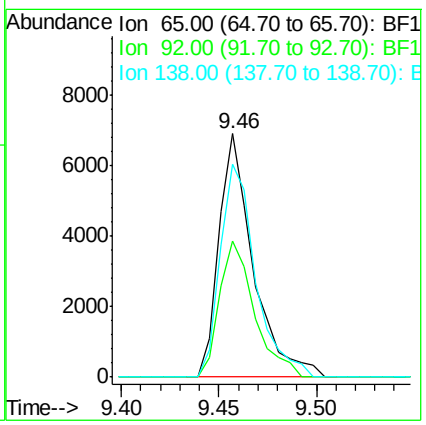


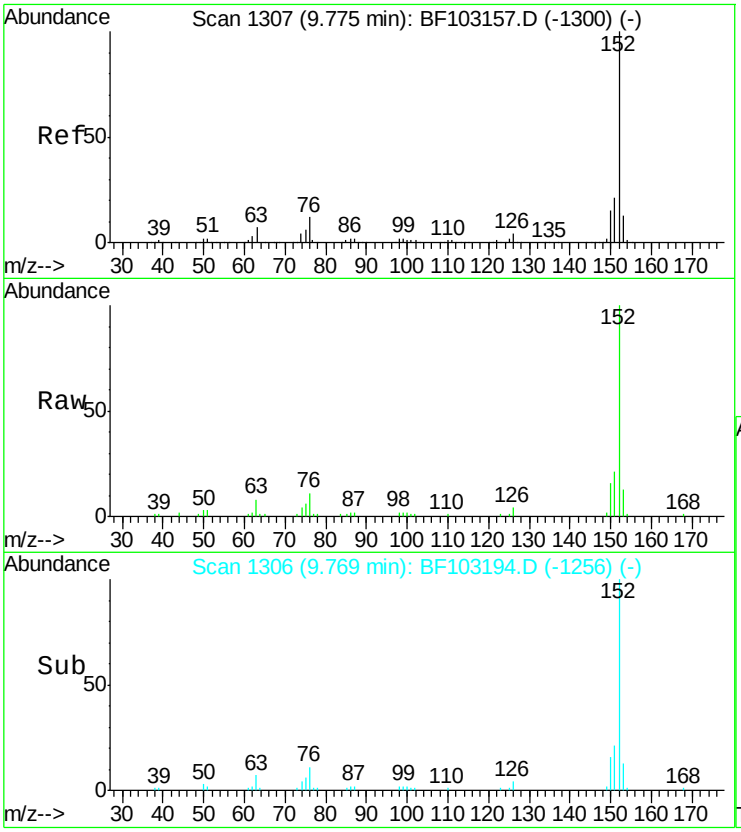


#47
2-Nitroaniline
Concen: 0.941 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 65 Resp: 8405

Ion	Ratio	Lower	Upper
65	100		
92	56.1	55.8	83.6
138	87.7	91.2	136.8#



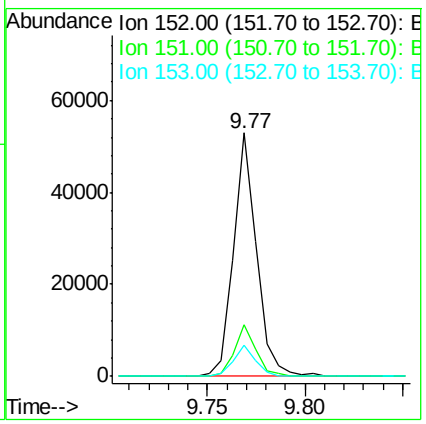


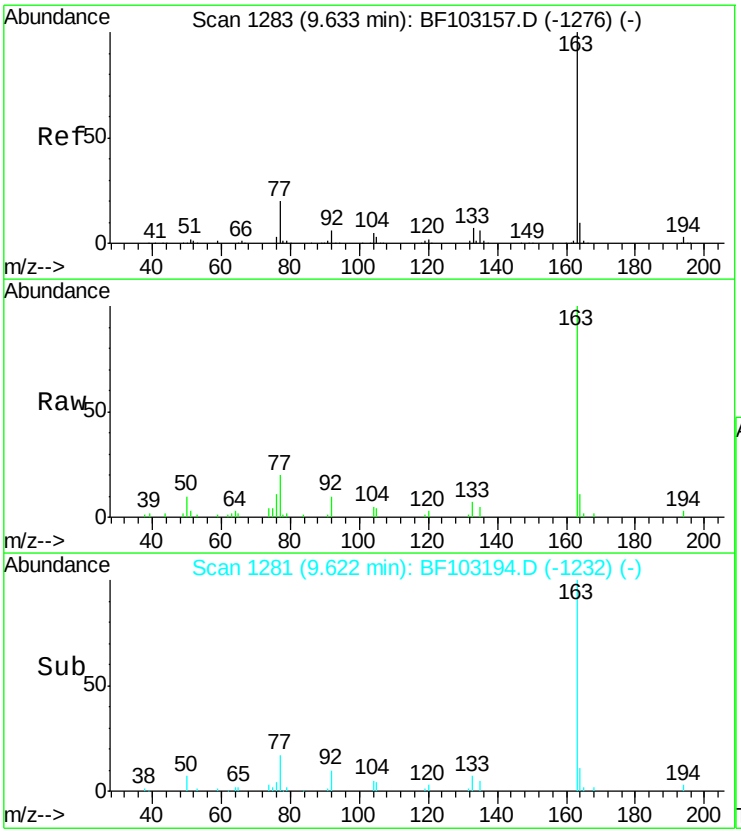
#48
Acenaphthylene
Concen: 1.169 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:152 Resp: 43367

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	12.8	10.7	16.1

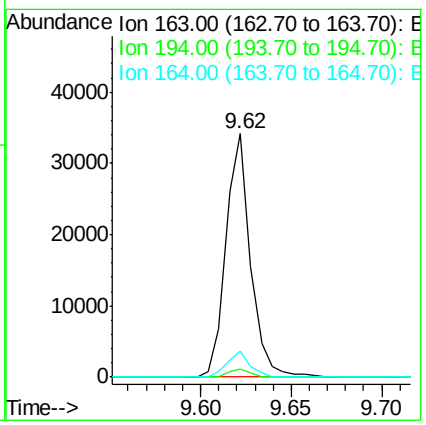


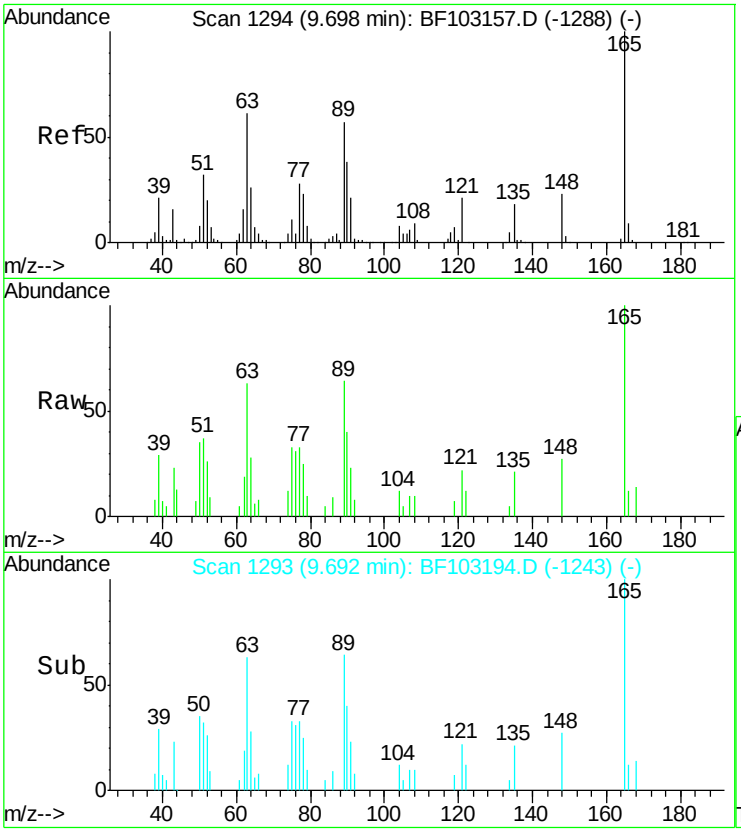


#49
Dimethylphthalate
Concen: 1.103 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:163 Resp: 32187

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.6	8.2	12.2



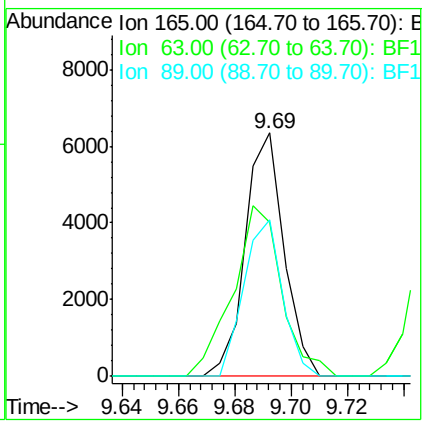


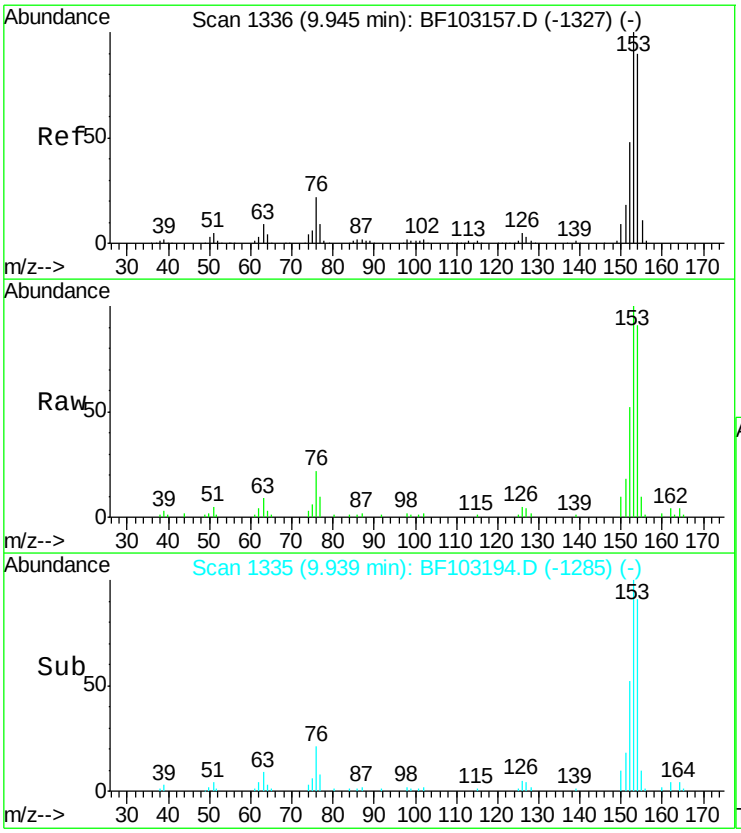
#50
2,6-Dinitrotoluene
Concen: 0.988 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:165 Resp: 6051

Ion	Ratio	Lower	Upper
165	100		
63	63.1	44.7	67.1
89	64.4	44.0	66.0

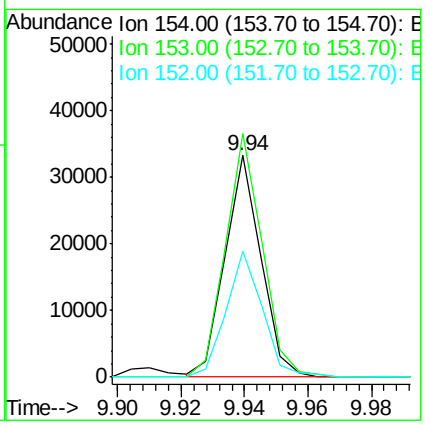


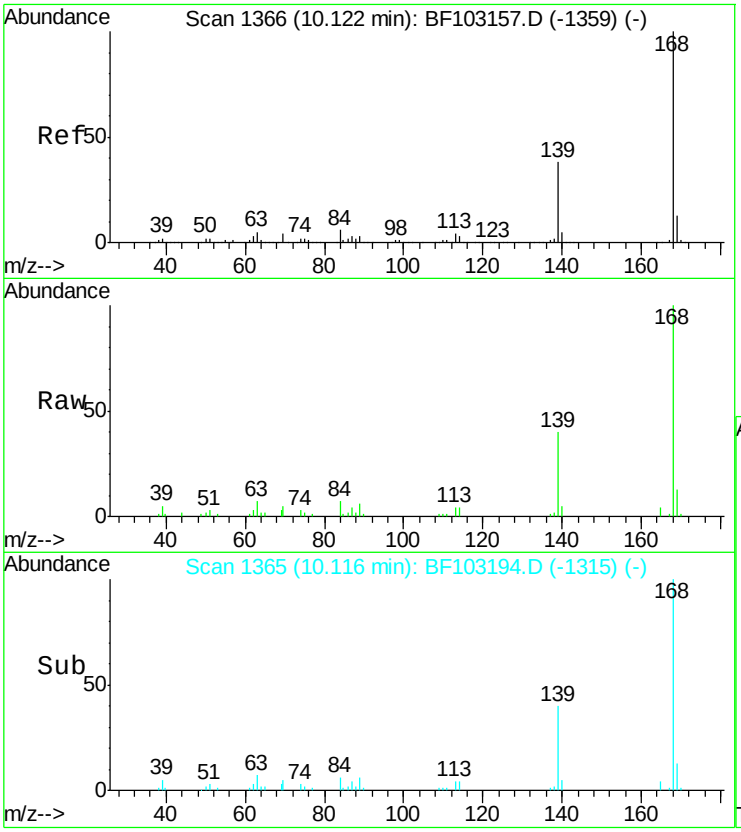


#51
Acenaphthene
Concen: 1.201 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:154 Resp: 25971

Ion	Ratio	Lower	Upper
154	100		
153	109.9	91.2	136.8
152	56.8	43.8	65.8



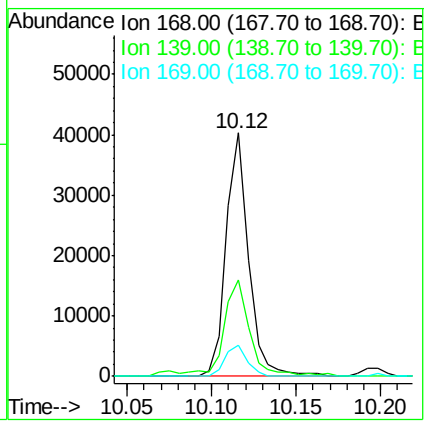


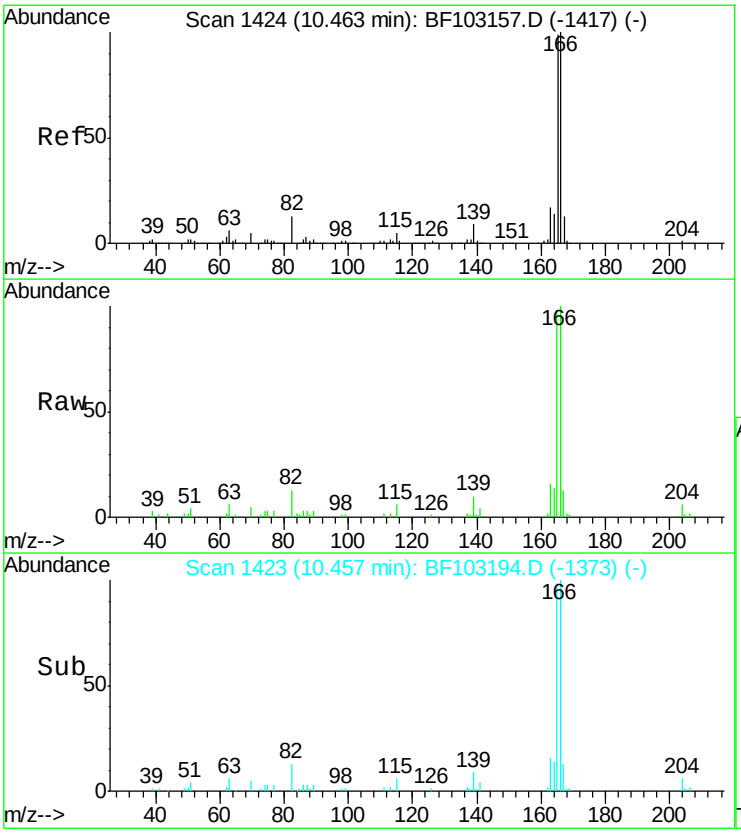
#54
Dibenzofuran
Concen: 1.253 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:168 Resp: 37212

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.1	45.1
169	13.0	10.9	16.3

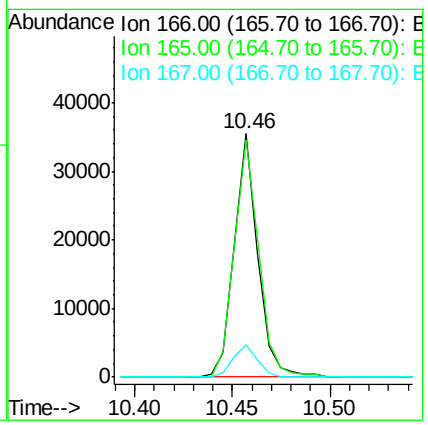


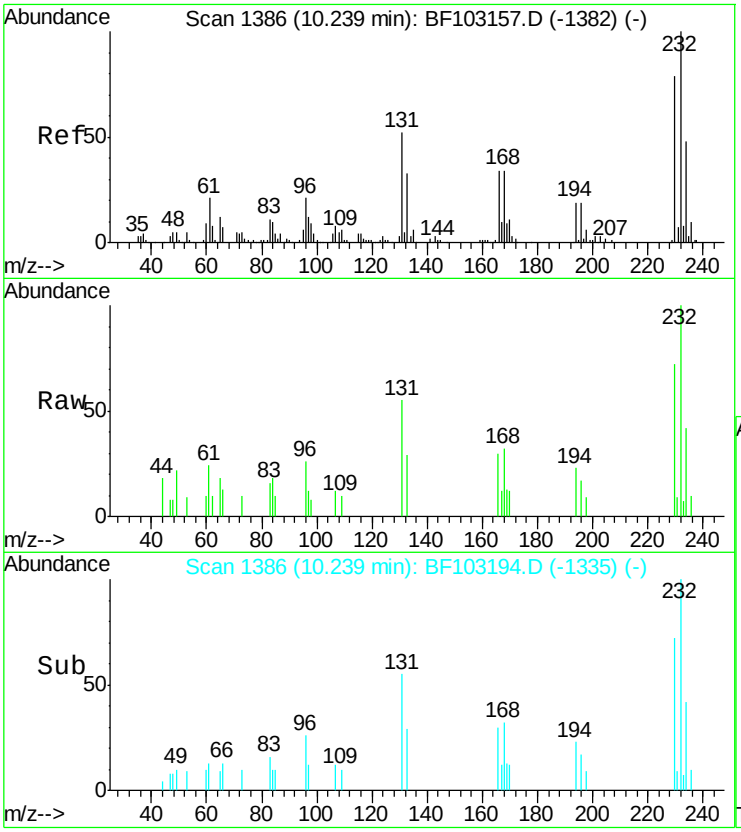


#57
Fluorene
Concen: 1.180 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:166 Resp: 29837

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	13.1	10.6	16.0



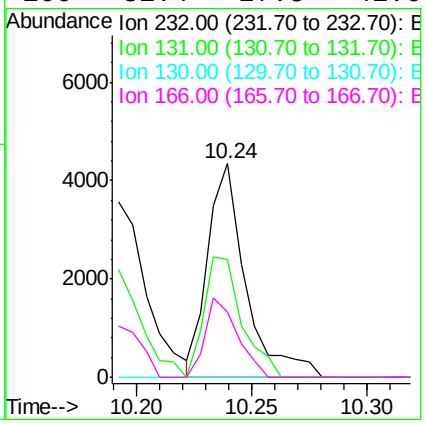


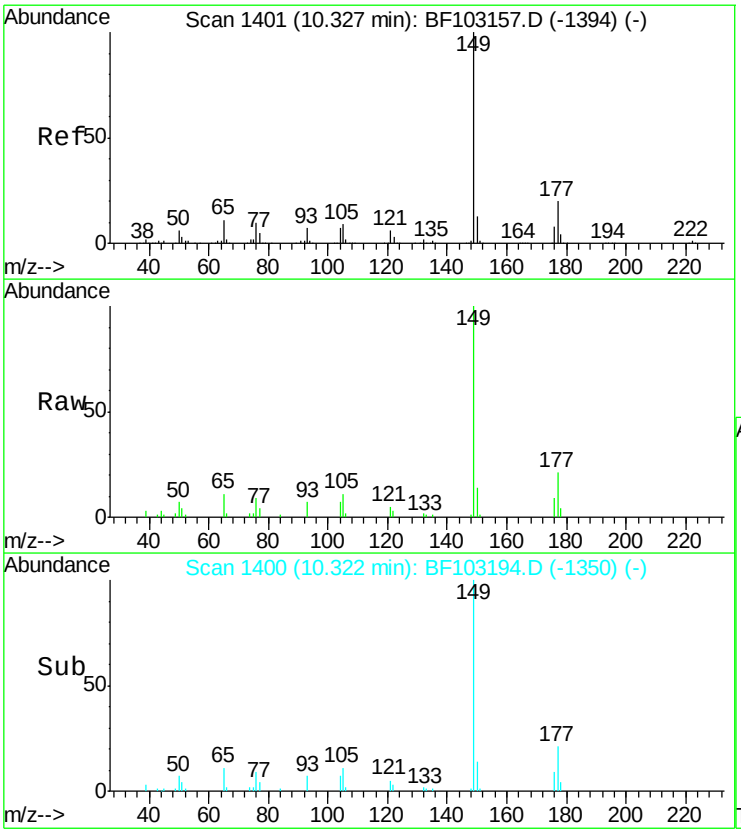
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.958 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:232 Resp: 4954

Ion	Ratio	Lower	Upper
232	100		
131	56.2	43.8	65.8
130	0.0	2.1	3.1#
166	31.4	27.8	41.6

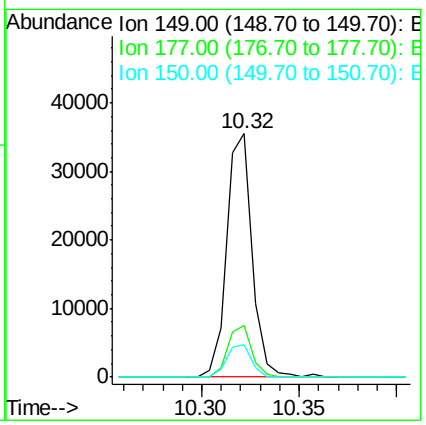


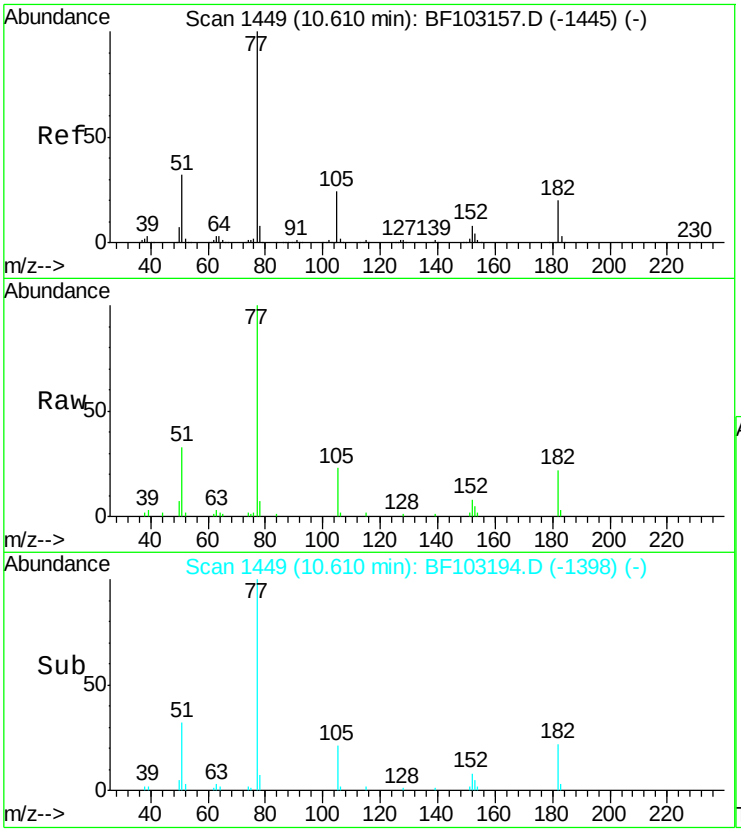


#59
Diethylphthalate
Concen: 1.144 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:149 Resp: 31919

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	13.6	10.1	15.1



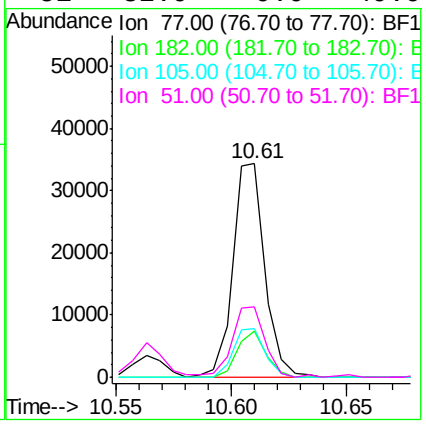


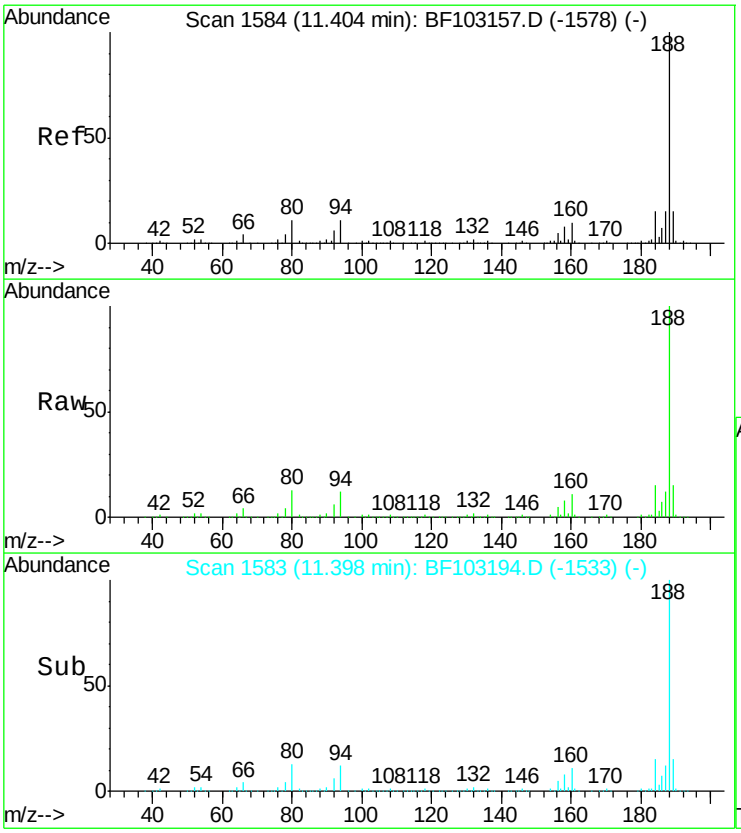
#62
Azobenzene
Concen: 1.166 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion: 77 Resp: 33119

Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.7	41.7
105	23.1	3.0	43.0
51	32.9	9.9	49.9

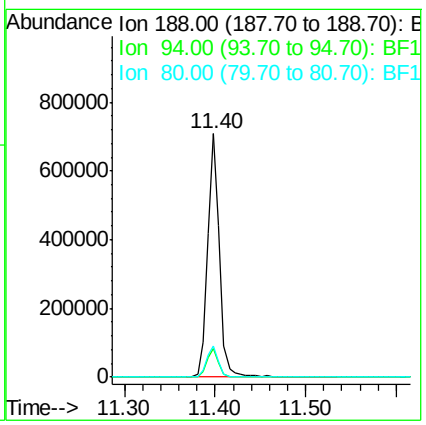


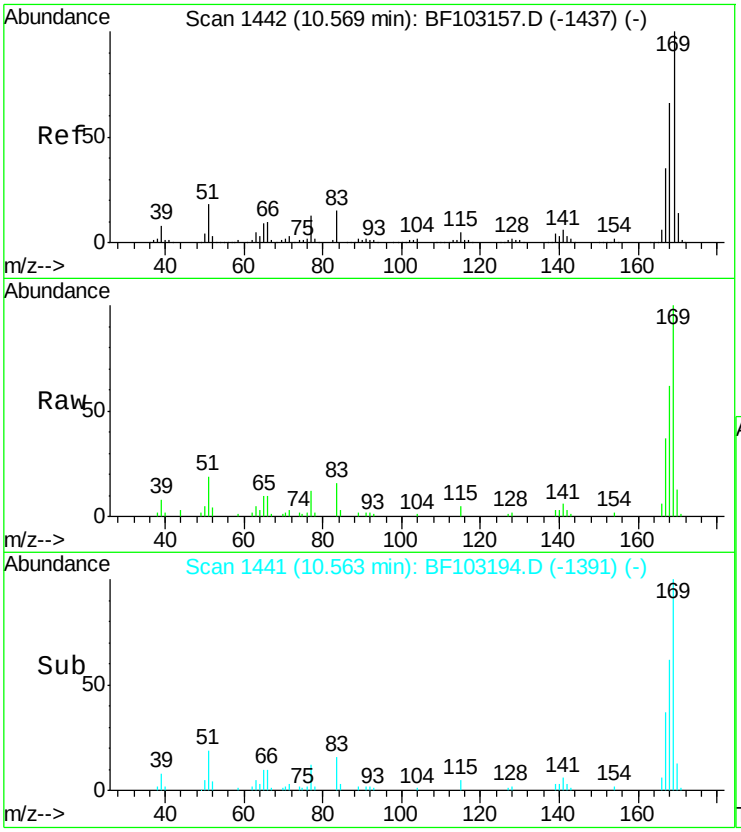


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:188 Resp: 649606

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.7	9.2	13.8



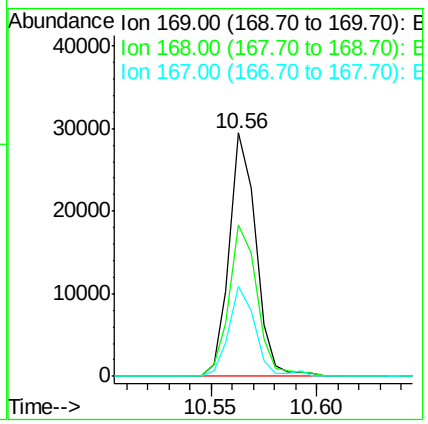


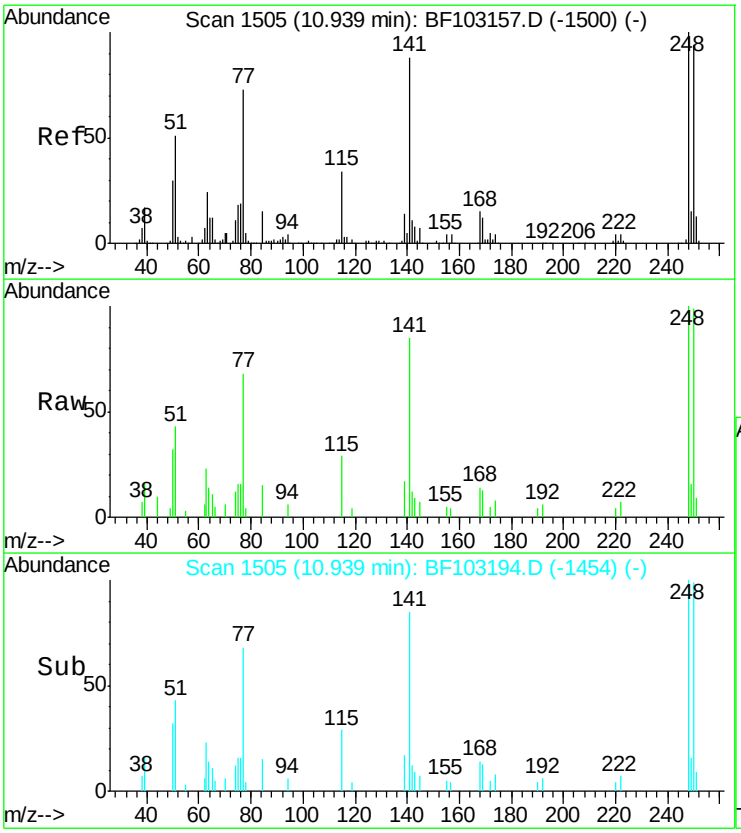
#65
n-Nitrosodiphenylamine
Concen: 1.134 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:169 Resp: 25652

Ion	Ratio	Lower	Upper
169	100		
168	62.1	54.4	81.6
167	36.8	29.8	44.6

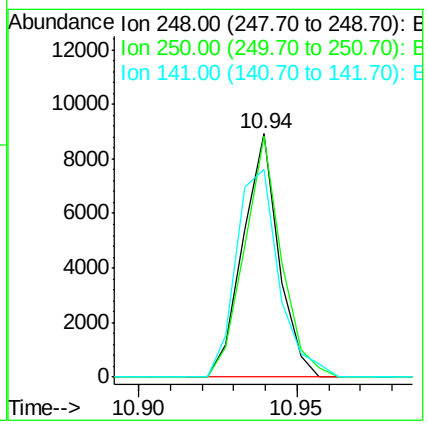


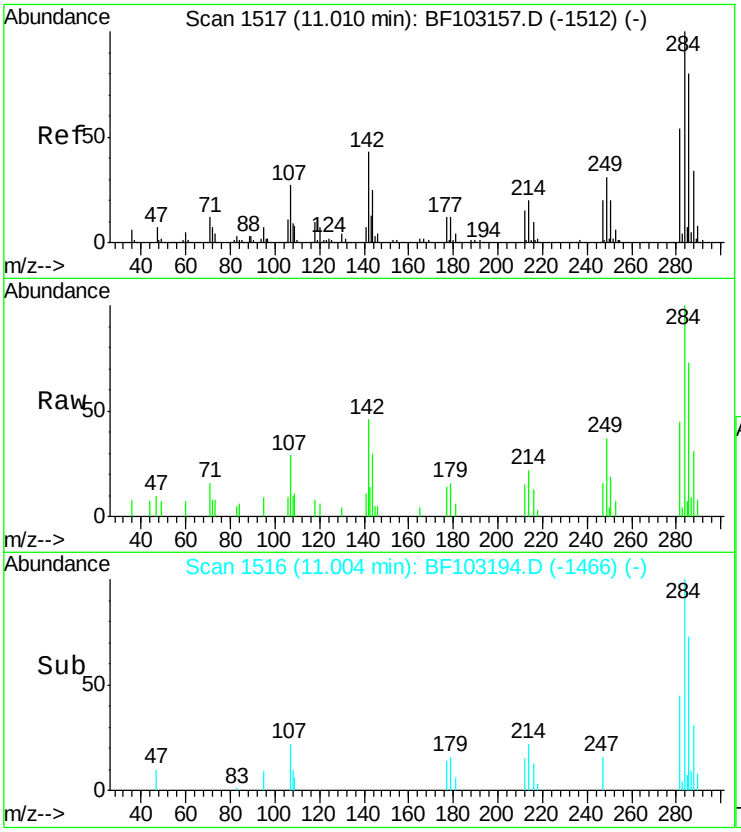


#66
4-Bromophenyl-phenylether
Concen: 1.030 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:248 Resp: 6971

Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.9	115.3
141	85.3	74.4	111.6



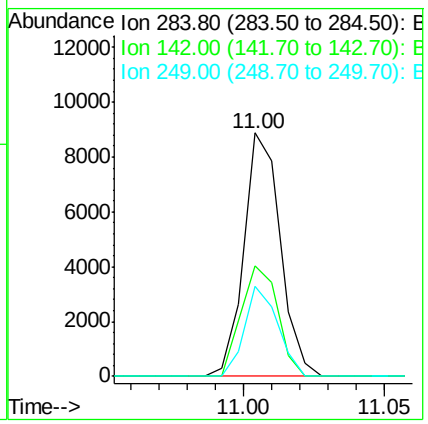


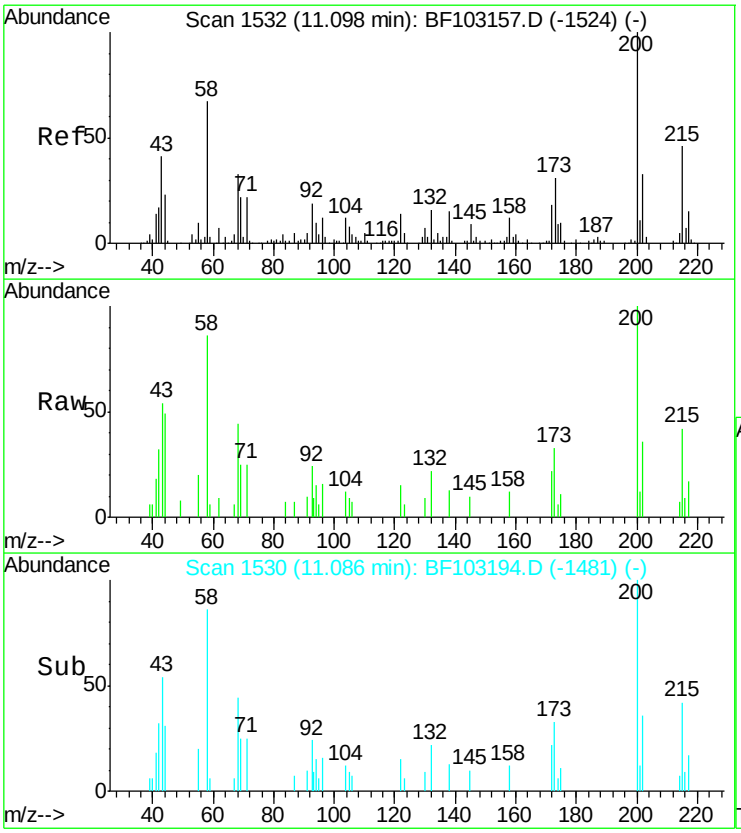
#67
Hexachlorobenzene
Concen: 1.081 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:284 Resp: 7938

Ion	Ratio	Lower	Upper
284	100		
142	45.6	34.6	52.0
249	36.9	24.8	37.2

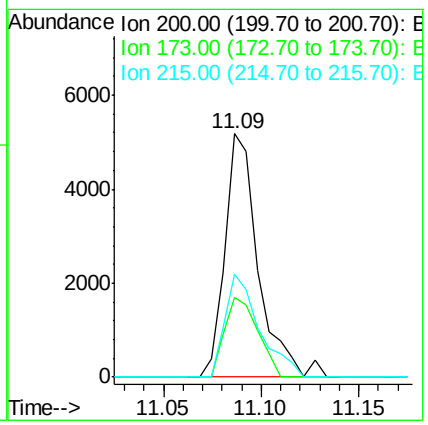


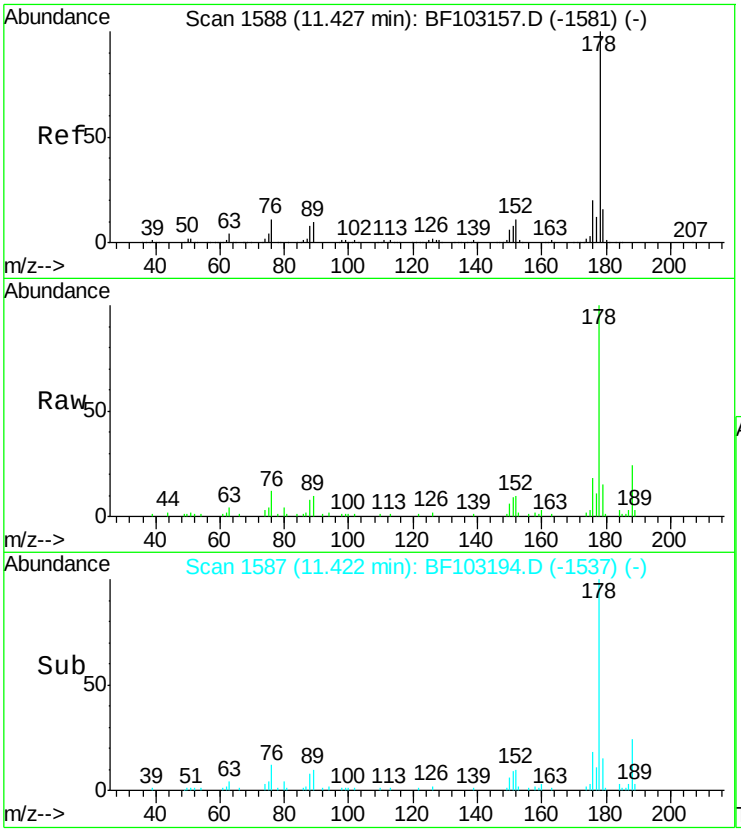


#68
Atrazine
Concen: 0.903 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:200 Resp: 6142

Ion	Ratio	Lower	Upper
200	100		
173	32.7	8.6	48.6
215	42.0	25.1	65.1



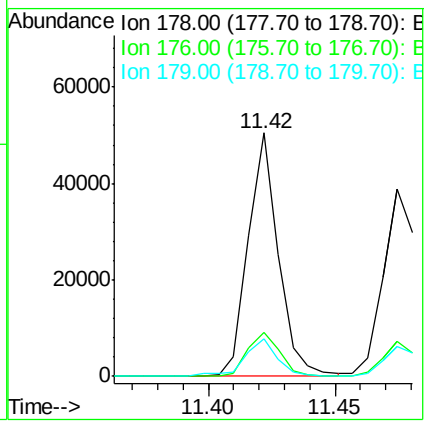


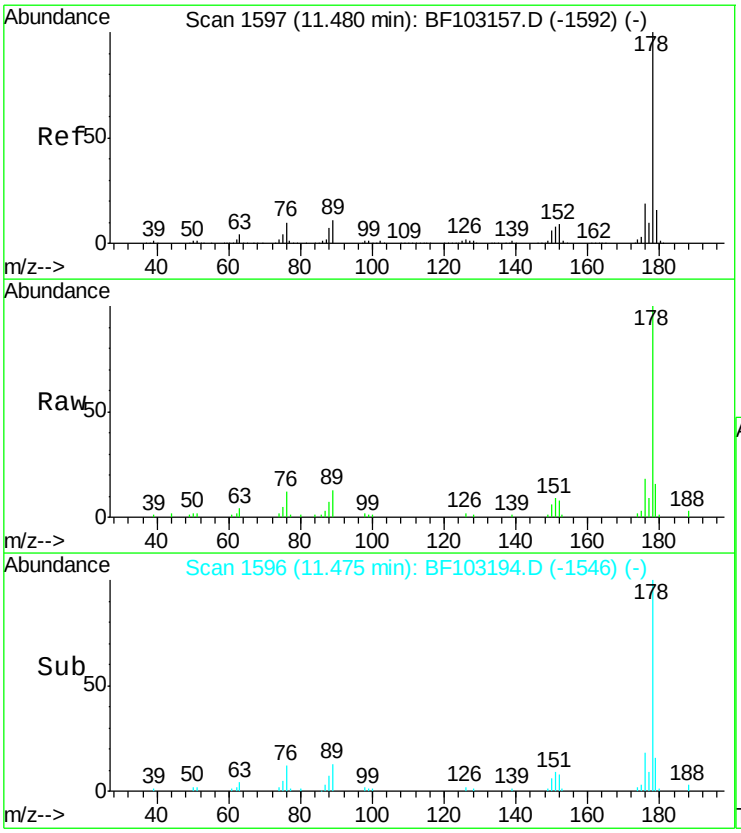
#70
Phenanthrene
Concen: 1.175 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:178 Resp: 42000

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.3	13.0	19.6

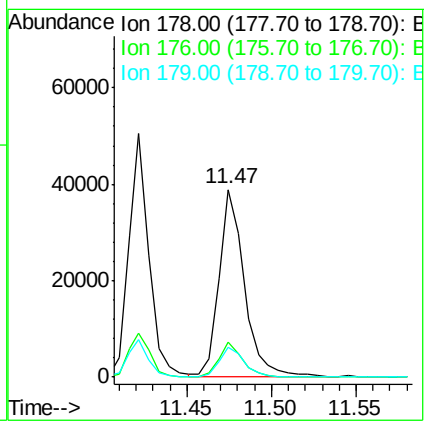


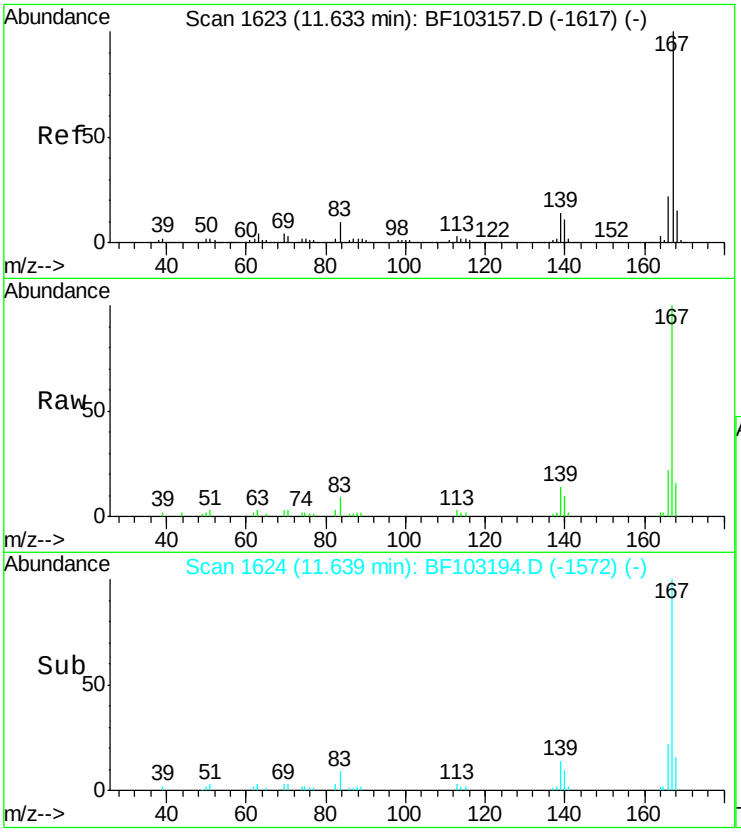


#71
Anthracene
Concen: 1.127 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:178 Resp: 41301

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.2	12.6	19.0



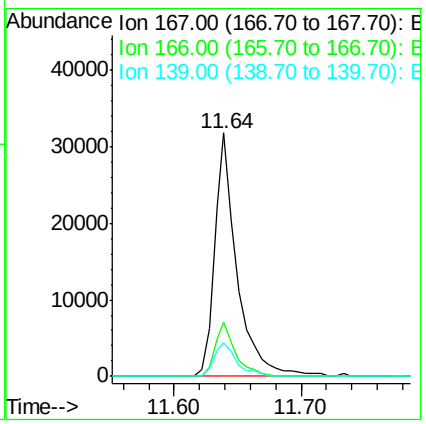


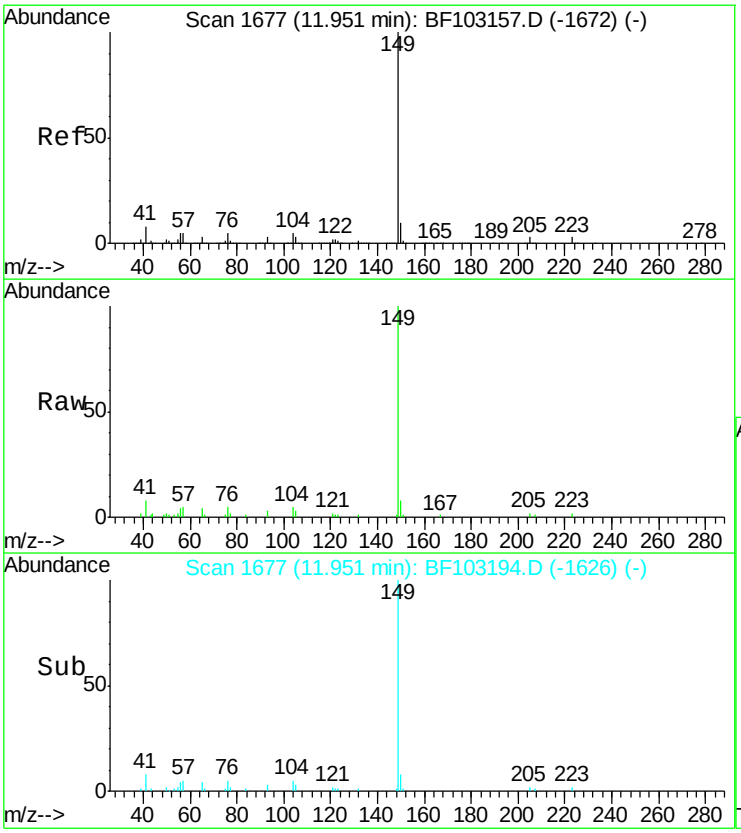
#72
Carbazole
Concen: 1.069 ng
RT: 11.64 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:167 Resp: 39014

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.7	10.9	16.3

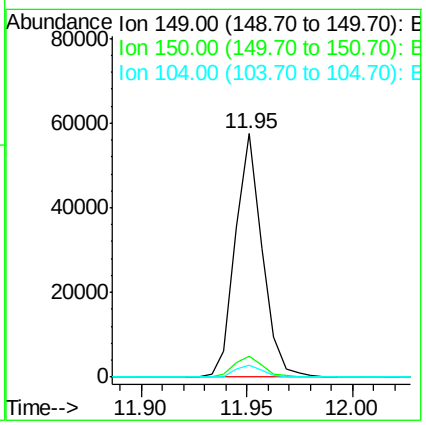


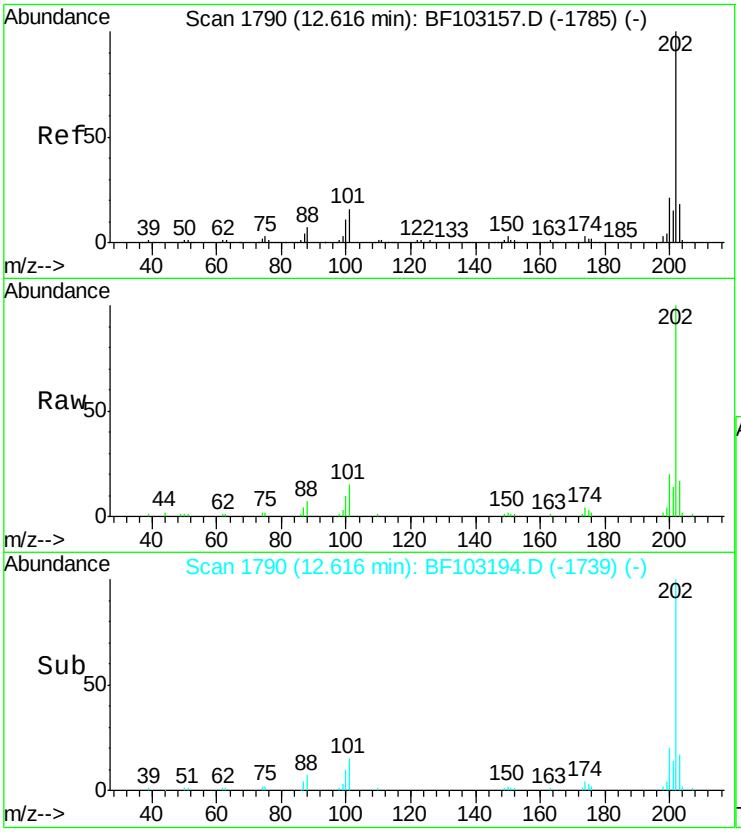


#73
Di-n-butylphthalate
Concen: 1.103 ng
RT: 11.95 min Scan# 1677
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:149 Resp: 50381

Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.8	11.6
104	4.8	3.8	5.8



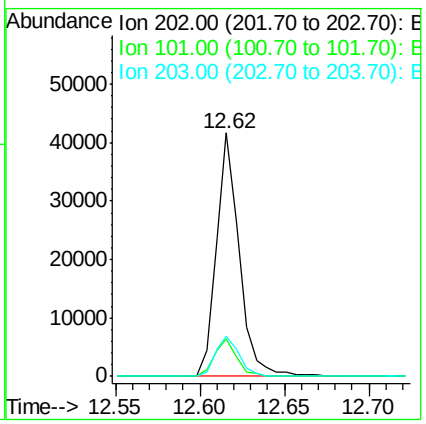


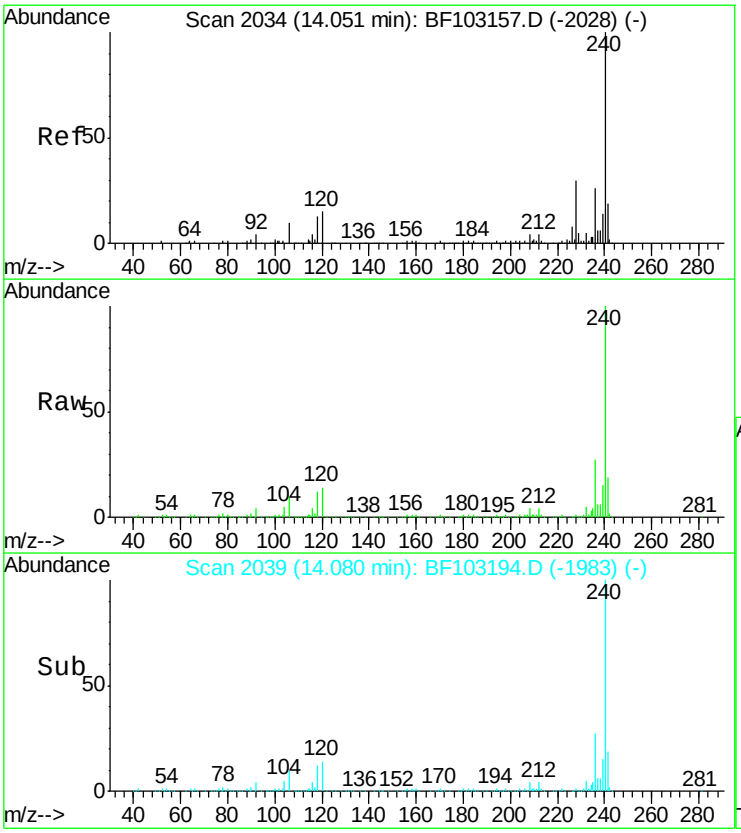
#74
Fluoranthene
Concen: 1.097 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:202 Resp: 39424

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.1
203	16.6	0.0	38.1

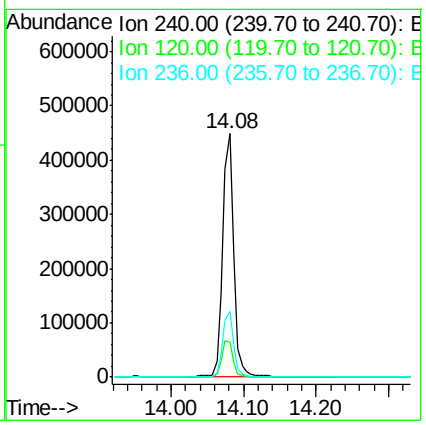


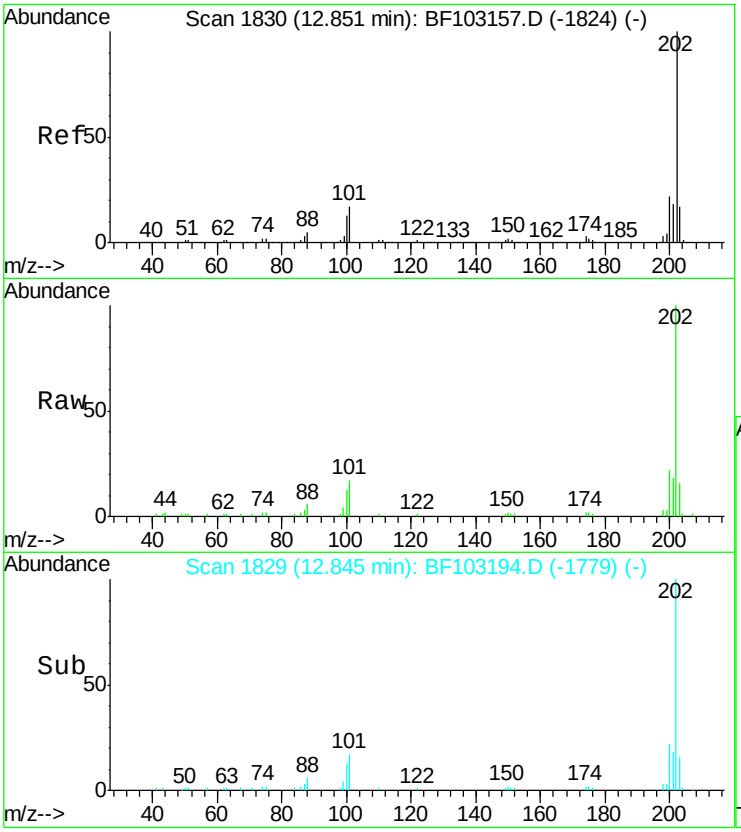


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.03 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:240 Resp: 480546

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	27.1	20.7	31.1



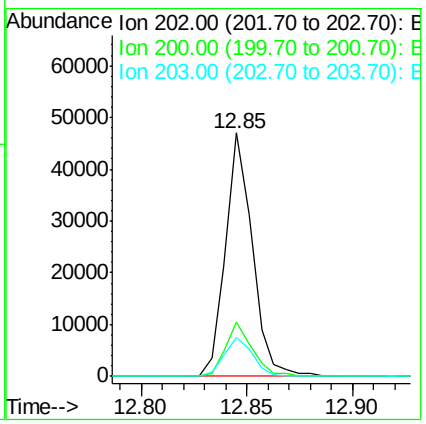


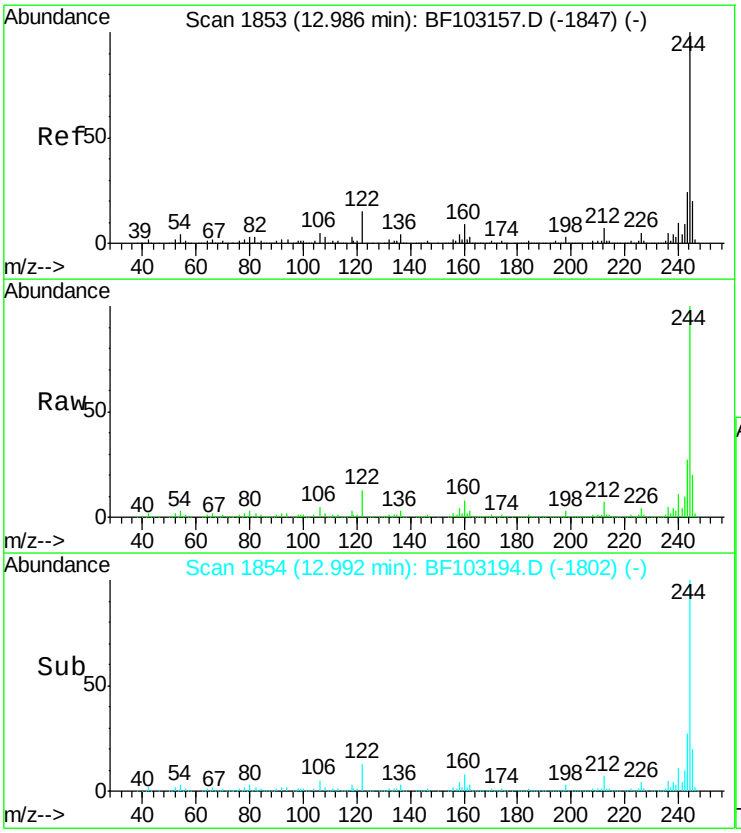
#77
Pyrene
Concen: 1.099 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:202 Resp: 41193

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	16.0	14.3	21.5

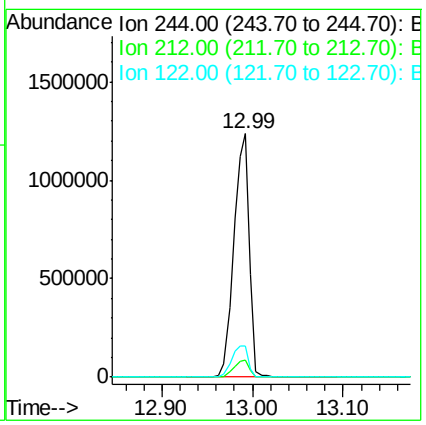


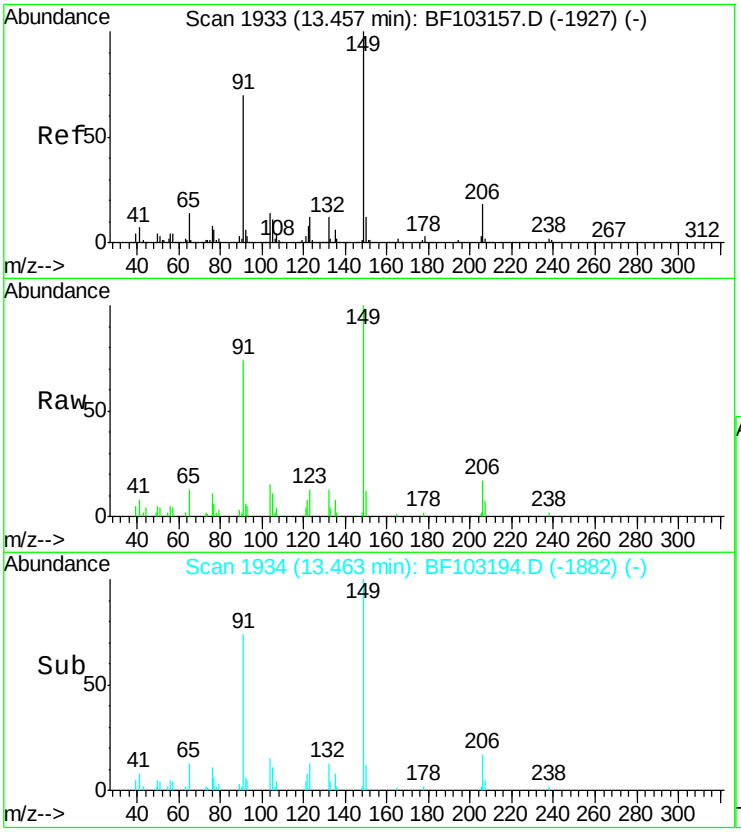


#78
Terphenyl-d14
Concen: 73.972 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:244 Resp: 1478739

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.9	11.0	16.4



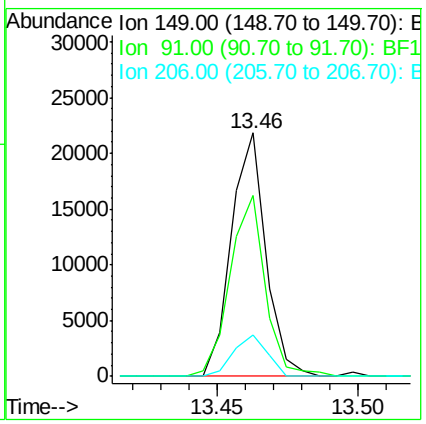


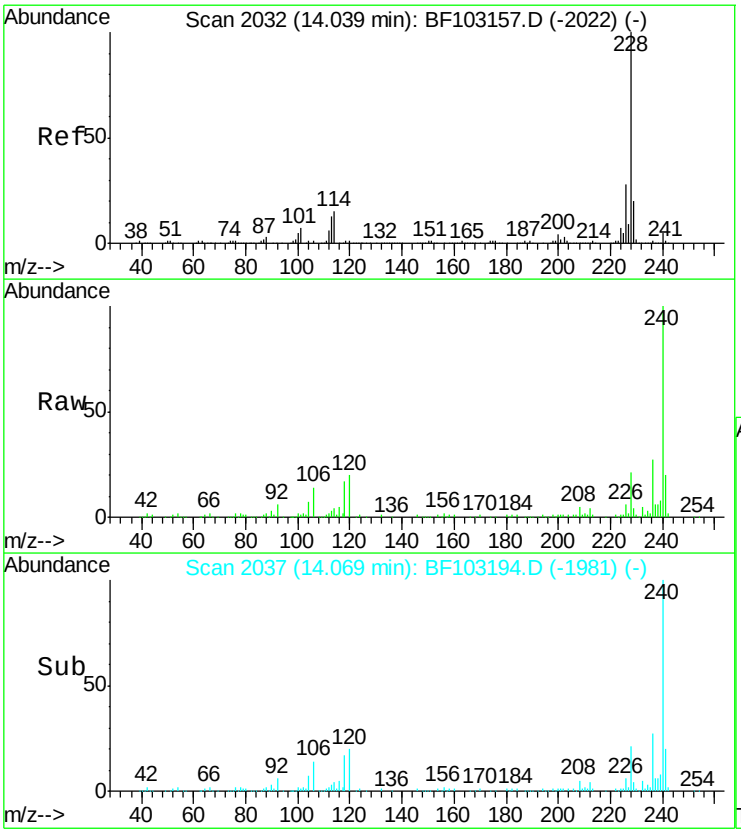
#79
Butylbenzylphthalate
Concen: 0.932 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:149 Resp: 18454

Ion	Ratio	Lower	Upper
149	100		
91	74.1	56.8	85.2
206	16.9	14.1	21.1

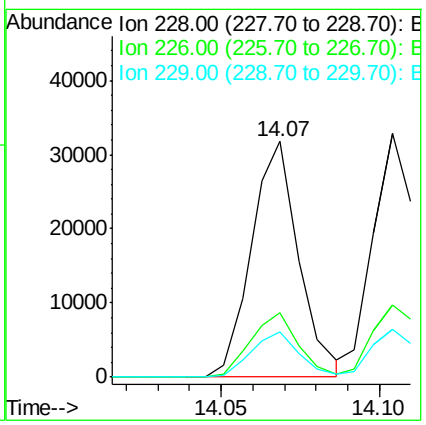


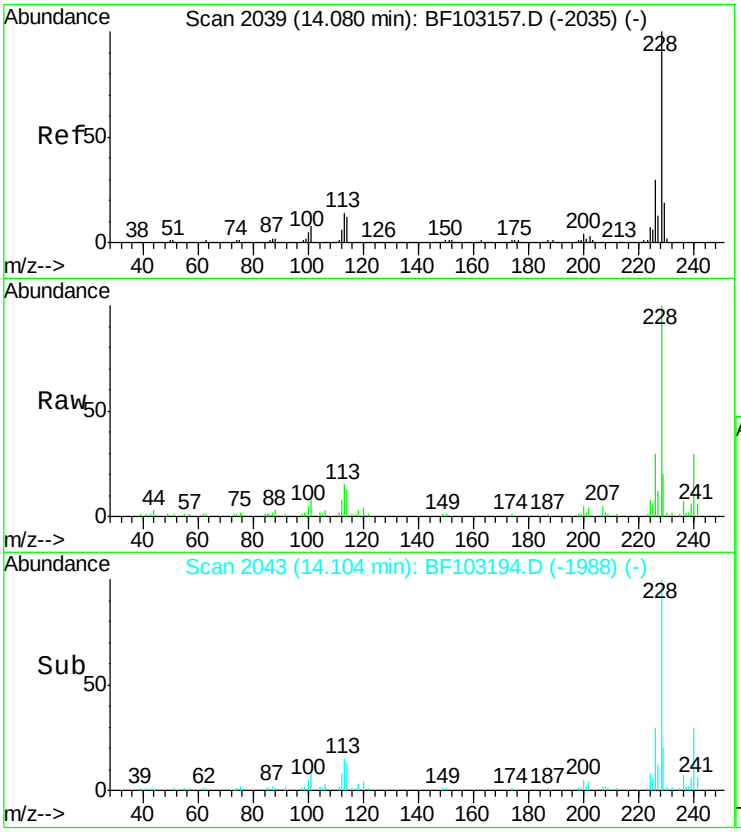


#80
Benzo(a)anthracene
Concen: 1.057 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.03 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:228 Resp: 32962

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.1	15.8	23.6



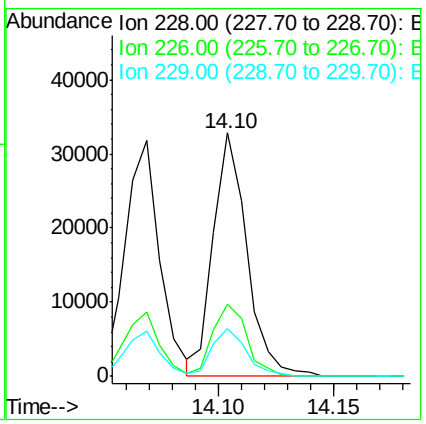


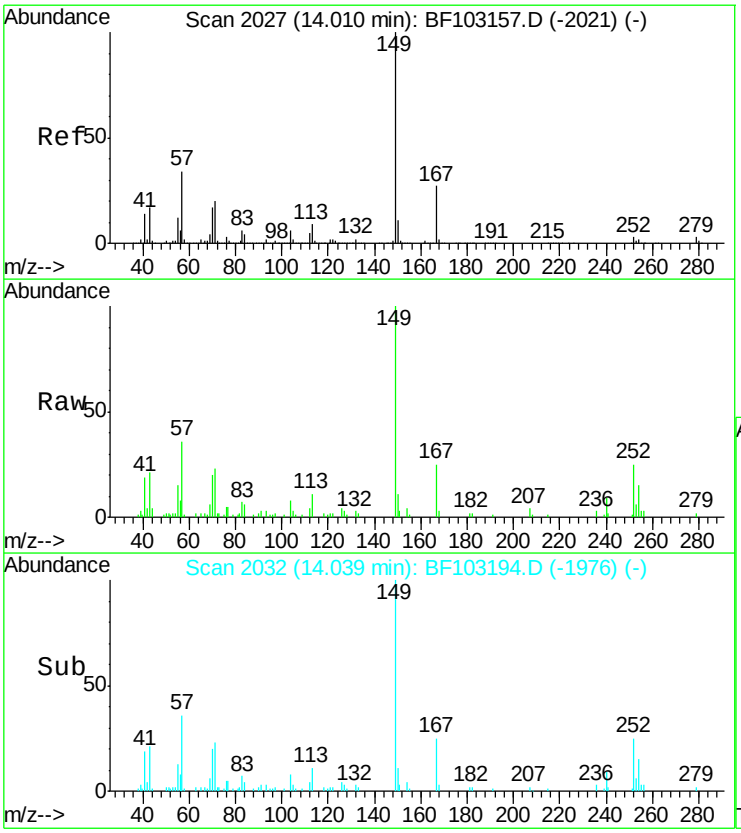
#82
Chrysene
Concen: 1.096 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.02 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:228 Resp: 33176

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.7	16.2	24.4

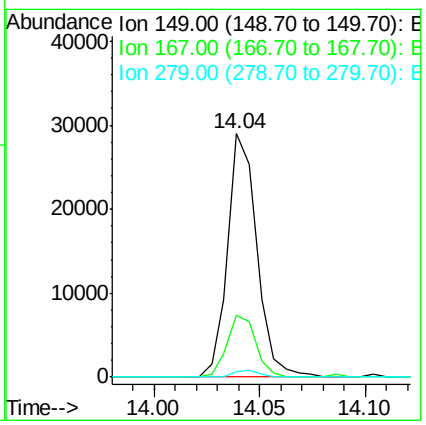


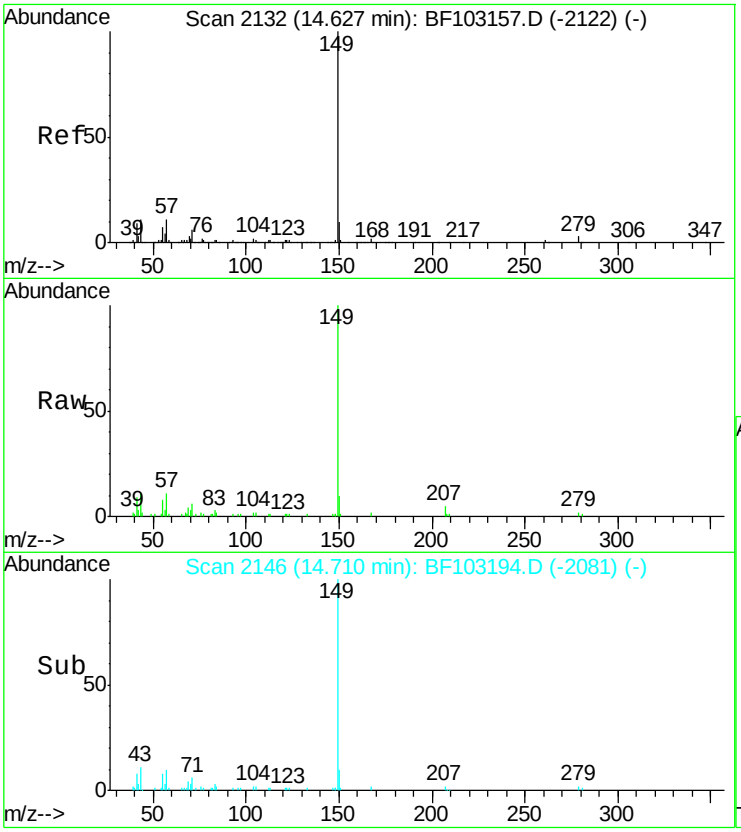


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.033 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:149 Resp: 27604

Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.3	31.9
279	2.0	3.0	4.4#



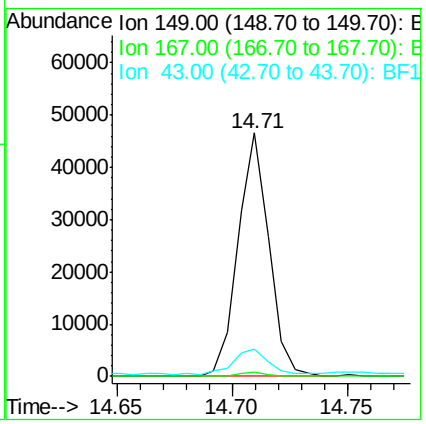


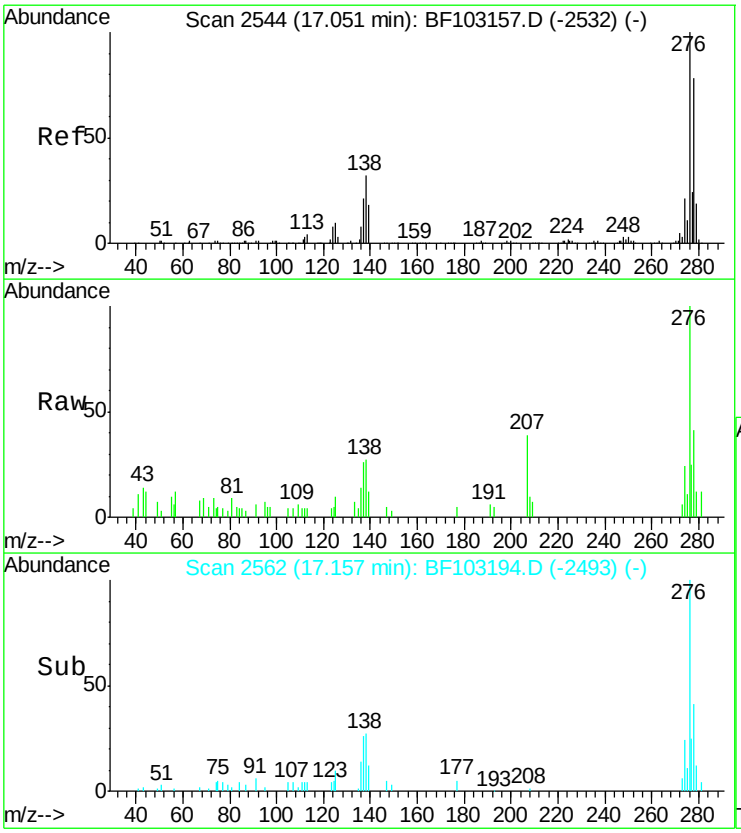
#84
Di-n-octyl phthalate
Concen: 1.007 ng
RT: 14.71 min Scan# 2146
Delta R.T. 0.08 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:149 Resp: 43456

Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	12.7	8.4	12.6#

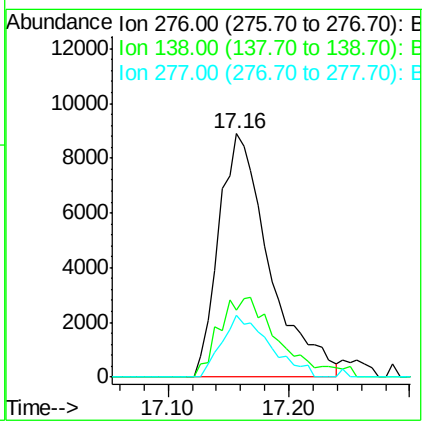


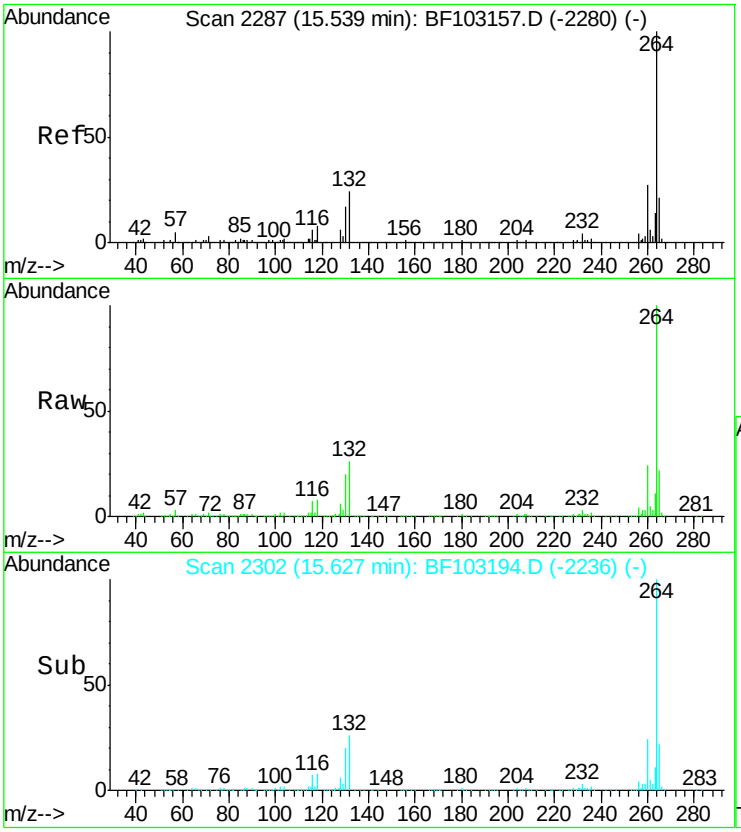


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.078 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.11 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:276 Resp: 25829

Ion	Ratio	Lower	Upper
276	100		
138	38.7	25.0	37.6#
277	23.6	20.1	30.1



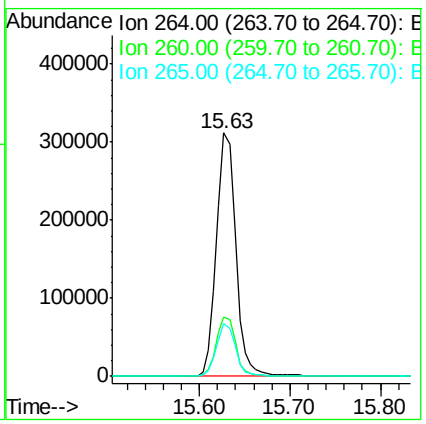


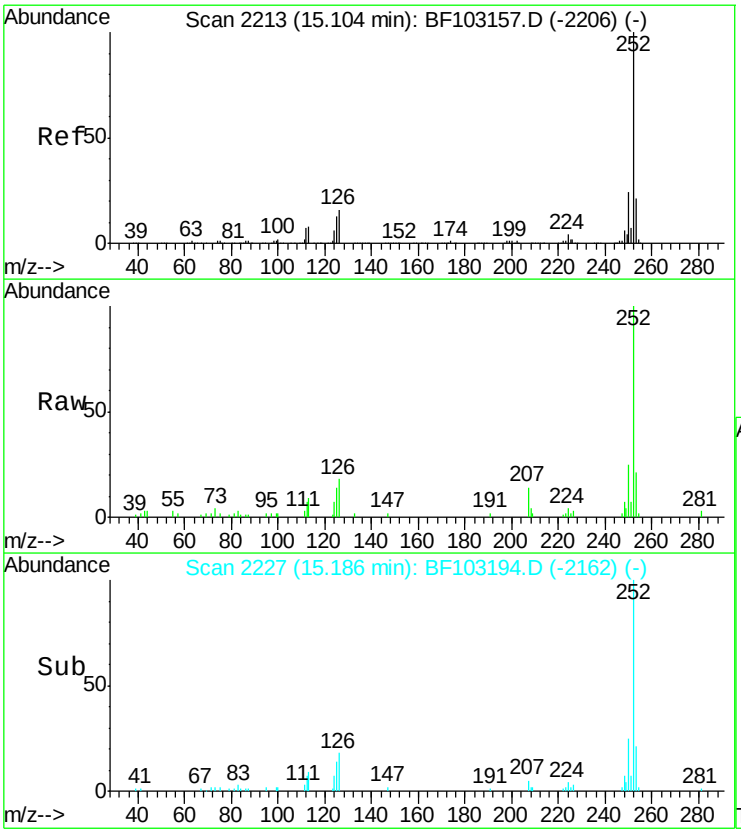
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.09 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:264 Resp: 464650

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3

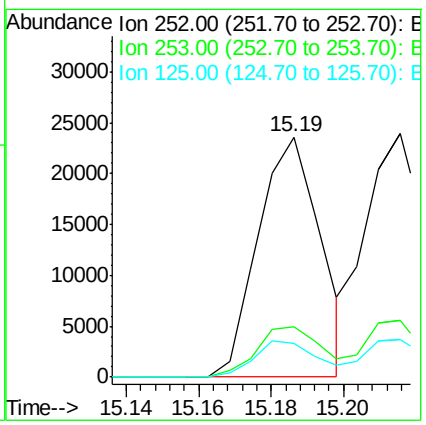


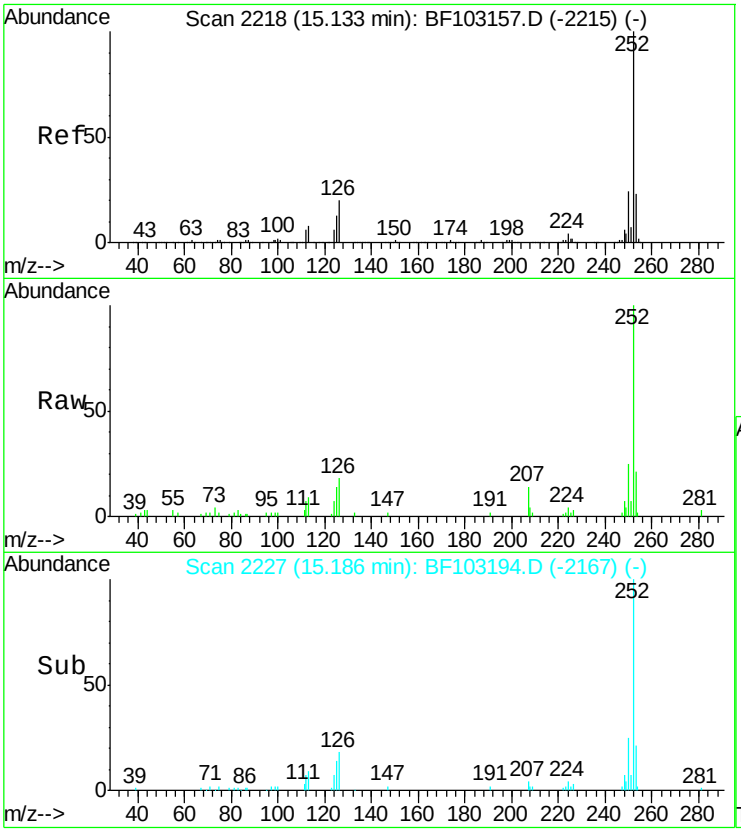


#87
Benzo(b)fluoranthene
Concen: 0.922 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.08 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:252 Resp: 28153

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	13.9	9.0	13.6#



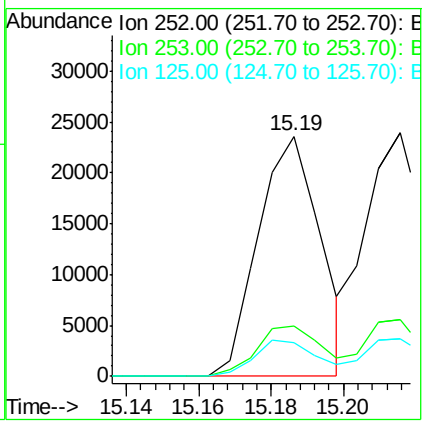


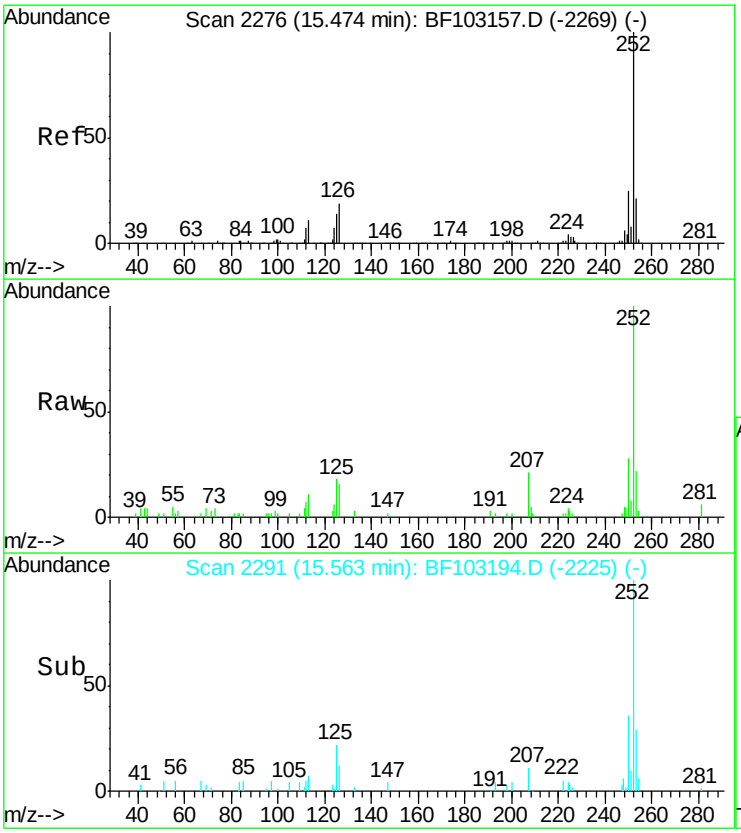
#88
Benzo(k)fluoranthene
Concen: 0.979 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.05 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:252 Resp: 28153

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	13.9	10.2	15.2

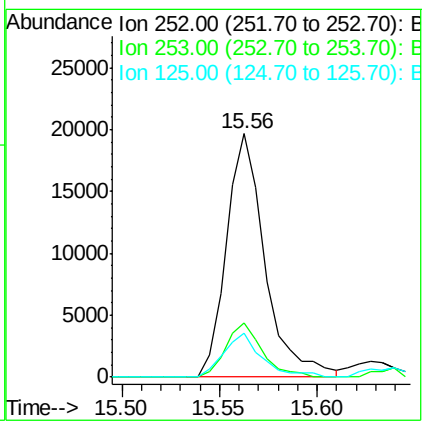


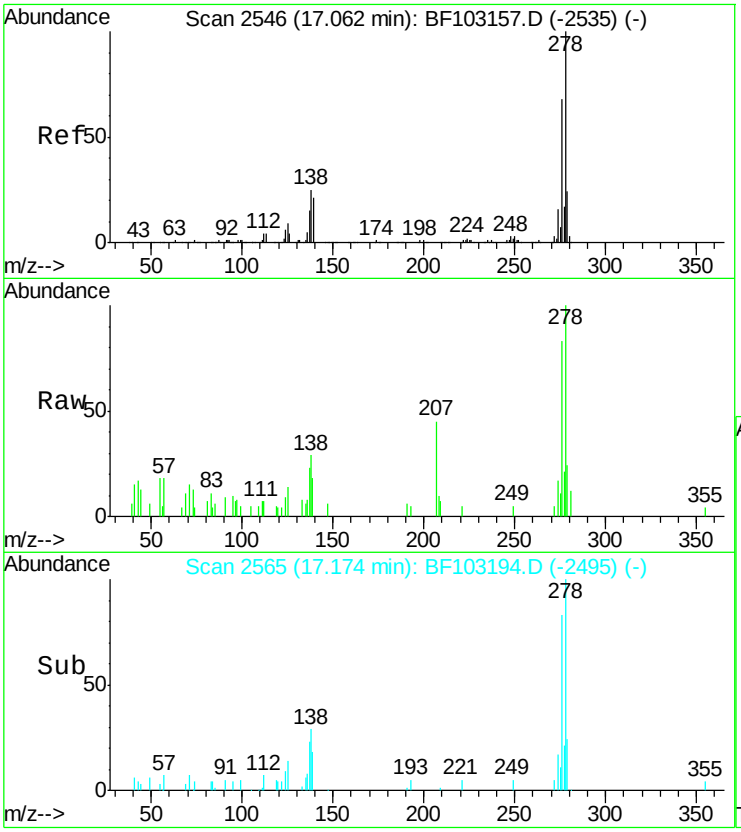


#89
Benzo(a)pyrene
Concen: 0.988 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.09 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:252 Resp: 26941

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	18.2	9.8	14.6#



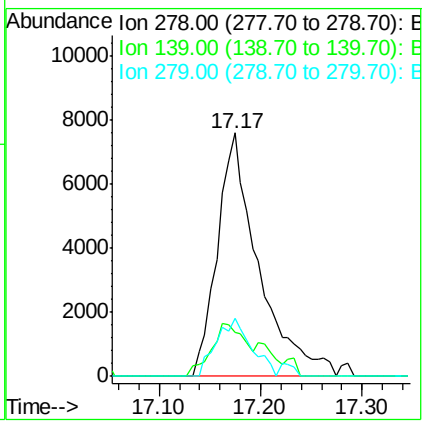


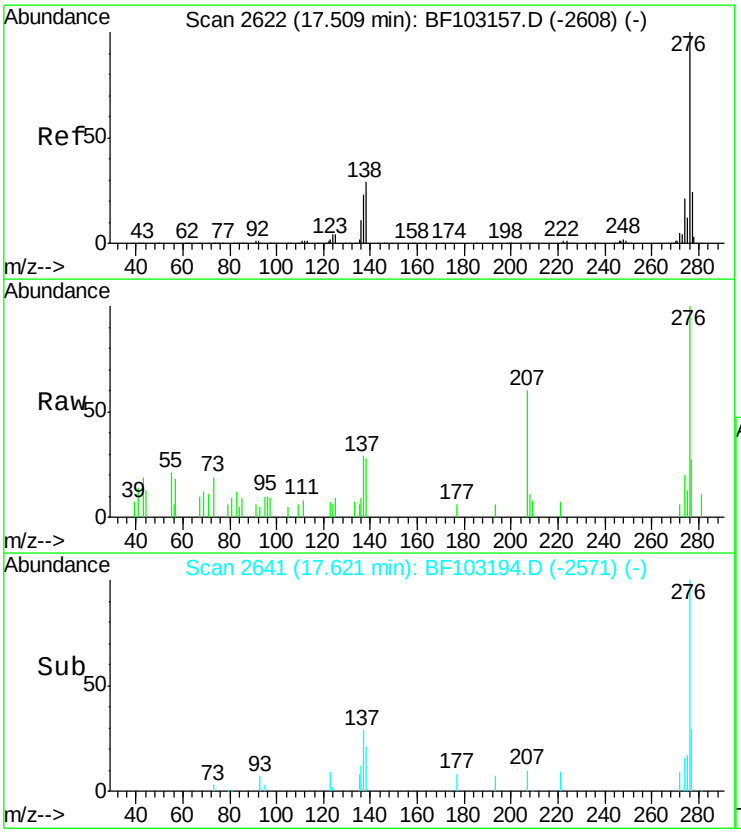
#90
Dibenzo(a,h)anthracene
Concen: 1.015 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.11 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:278 Resp: 21396

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	23.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 1.079 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.11 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:276 Resp: 22240

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	28.4	21.8	32.8