Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103428.D
Acq On : 6 Mar 2018 00:01
Operator : SJ/JU
Sample : J1778-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 06 01:11:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122545	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	483747	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	182027	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	269898	20.00	ng		0.00
75) Chrysene-d12	14.07	240	174243	20.00	ng		0.00
86) Perylene-d12	15.58	264	134423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	859377	106.06	ng		0.00
7) Phenol-d6	6.52	99	1018565	102.73	ng		0.00
23) Nitrobenzene-d5	7.44	82	595951	70.35	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	127428	82.70	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	777132	70.61	ng		0.00
78) Terphenyl-d14	13.00	244	552022	76.16	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	2186	Below Cal		#	77
19) n-Nitroso-di-n-propylamine	7.44	70	81184	13.157	ng	#	84
25) Isophorone	7.44	82	595951	35.722	ng	#	64
31) Naphthalene	8.18	128	540236	22.811	ng		99
32) Benzoic acid	7.97	122	2430	7.332	ng	#	71
33) 4-Chloroaniline	8.18	127	69670	6.817	ng	#	33
37) 2-Methylnaphthalene	8.87	142	162619	10.624	ng		99
48) Acenaphthylene	9.77	152	64988	3.500	ng		96
51) Acenaphthene	9.95	154	106437	9.831	ng		99
54) Dibenzofuran	10.12	168	136270	9.169	ng		99
55) 4-Nitrophenol	10.12	139	53673	22.275	ng	#	11
57) Fluorene	10.47	166	195780	15.464	ng		98
59) Diethylphthalate	10.32	149	216454	15.499	ng		98
64) 4,6-Dinitro-2-methylphenol	10.72	198	365	5.145	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	8629	3.069	ng	#	1
70) Phenanthrene	11.44	178	828719	55.794	ng		99
71) Anthracene	11.49	178	274040	17.992	ng		98
72) Carbazole	11.65	167	58377	3.849	ng		98
73) Di-n-butylphthalate	11.96	149	351870	18.540	ng		99
74) Fluoranthene	12.63	202	703481	47.131	ng		98
77) Pyrene	12.87	202	603176	44.400	ng		99
80) Benzo(a)anthracene	14.06	228	241910	21.397	ng		98
82) Chrysene	14.09	228	199335	18.159	ng		97
85) Indeno(1,2,3-cd)pyrene	17.13	276	64693	7.444	ng		98
87) Benzo(b)fluoranthene	15.13	252	236102	26.714	ng	#	93
88) Benzo(k)fluoranthene	15.13	252	236102	28.369	ng	#	96
89) Benzo(a)pyrene	15.52	252	134969	17.101	ng	#	93
90) Dibenzo(a,h)anthracene	17.12	278	16649	2.730	ng	#	63
91) Benzo(g,h,i)perylene	17.60	276	58611	9.833	ng	#	83

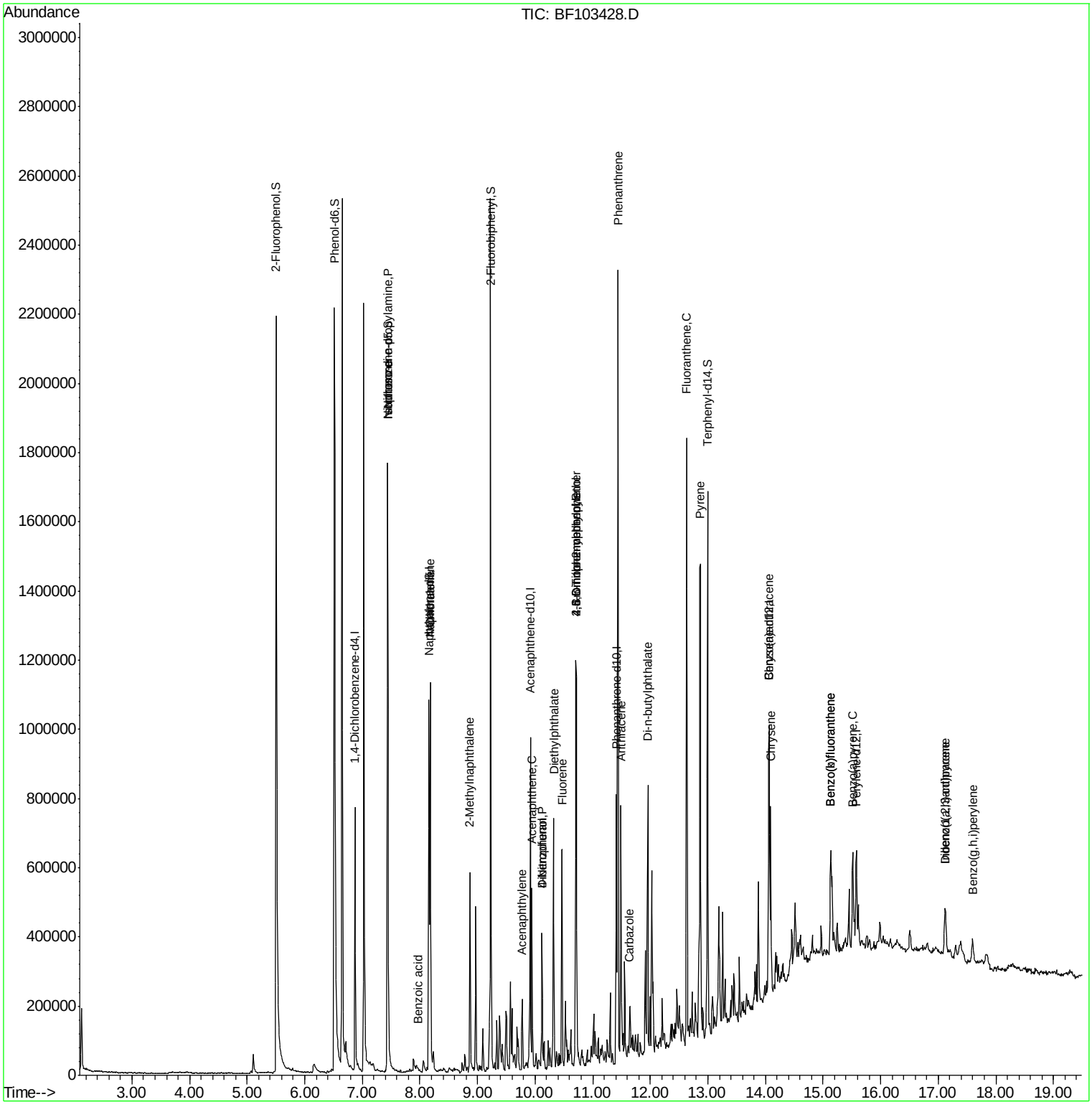
(#) = qualifier out of range (m) = manual integration (+) = signals summed

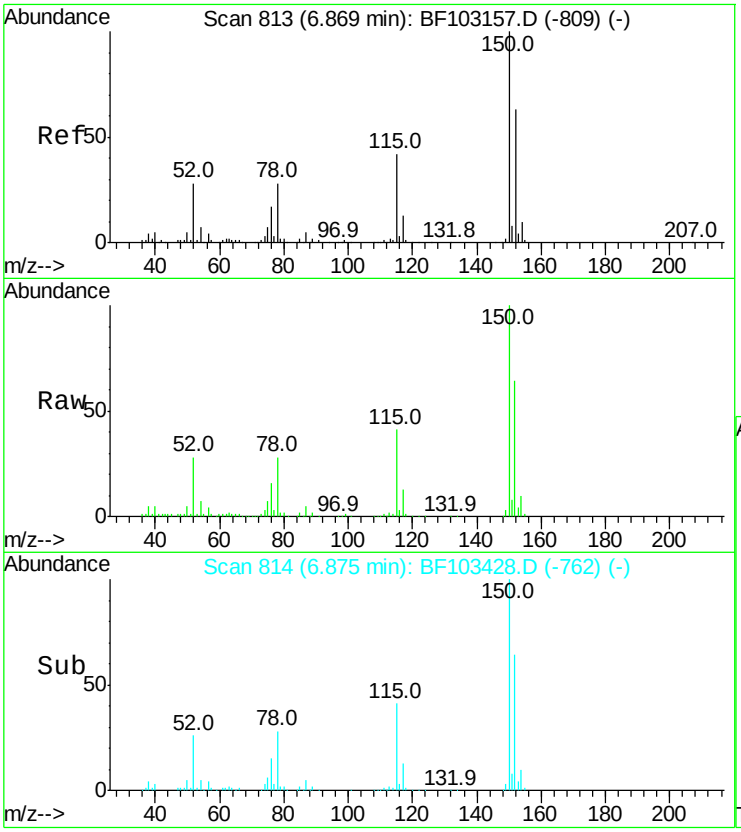
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103428.D
Acq On : 6 Mar 2018 00:01
Operator : SJ/JU
Sample : J1778-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 01:11:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration



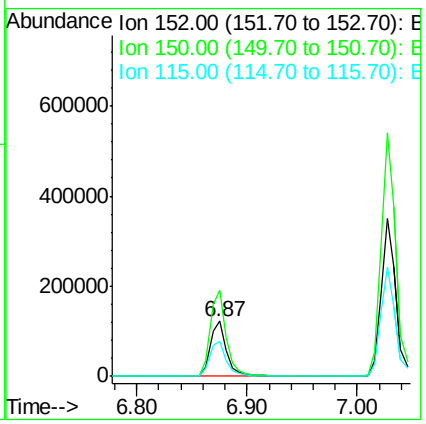


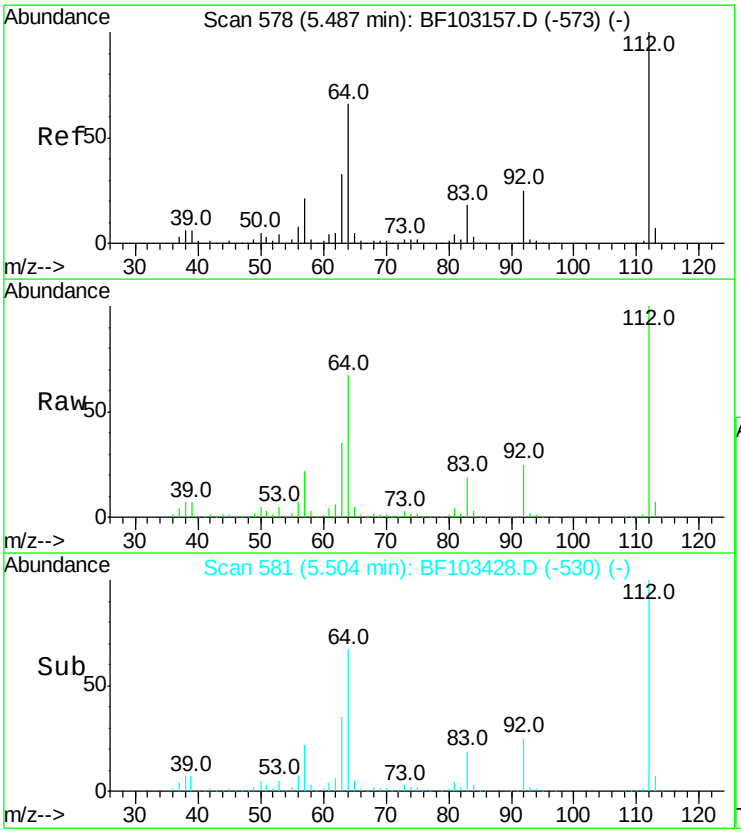
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122545

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	63.6	50.1	75.1

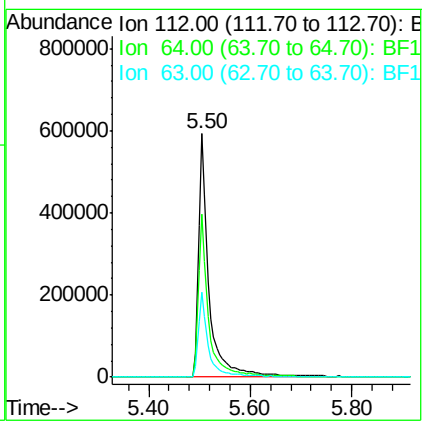


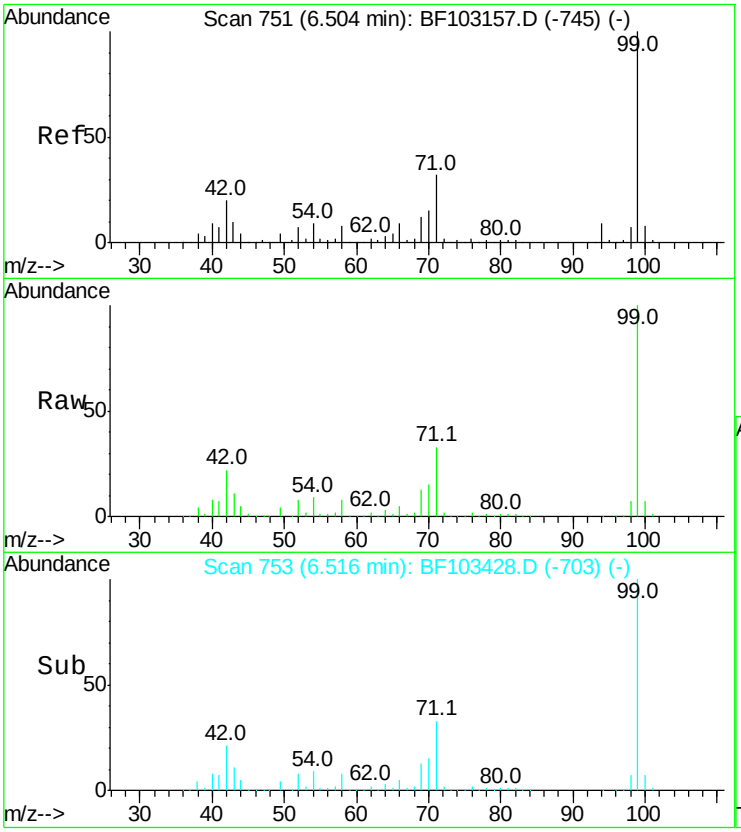


#5
2-Fluorophenol
Concen: 106.063 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:112 Resp: 859377

Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	34.6	23.7	35.5



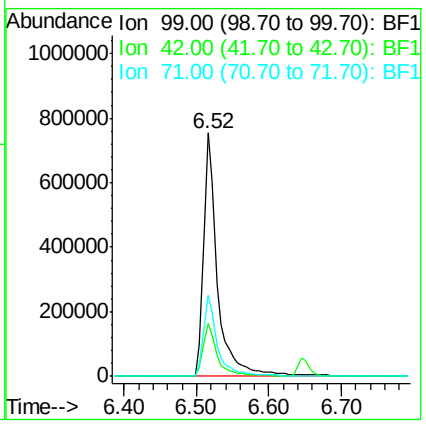


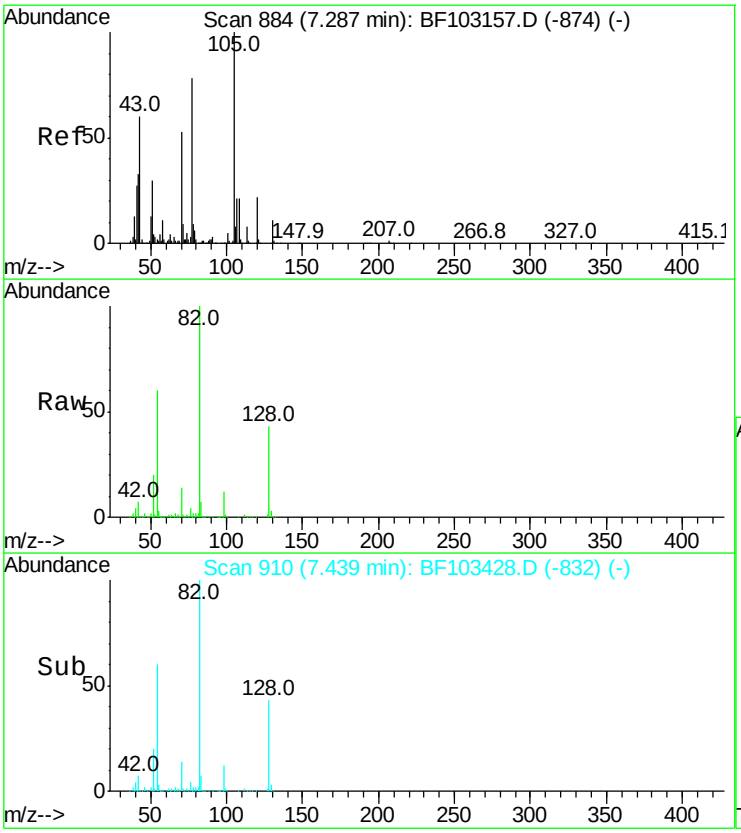
#7
Phenol-d6
Concen: 102.733 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1018565

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	33.3	25.4	38.0

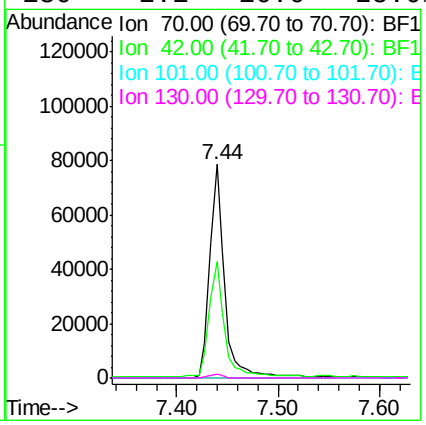


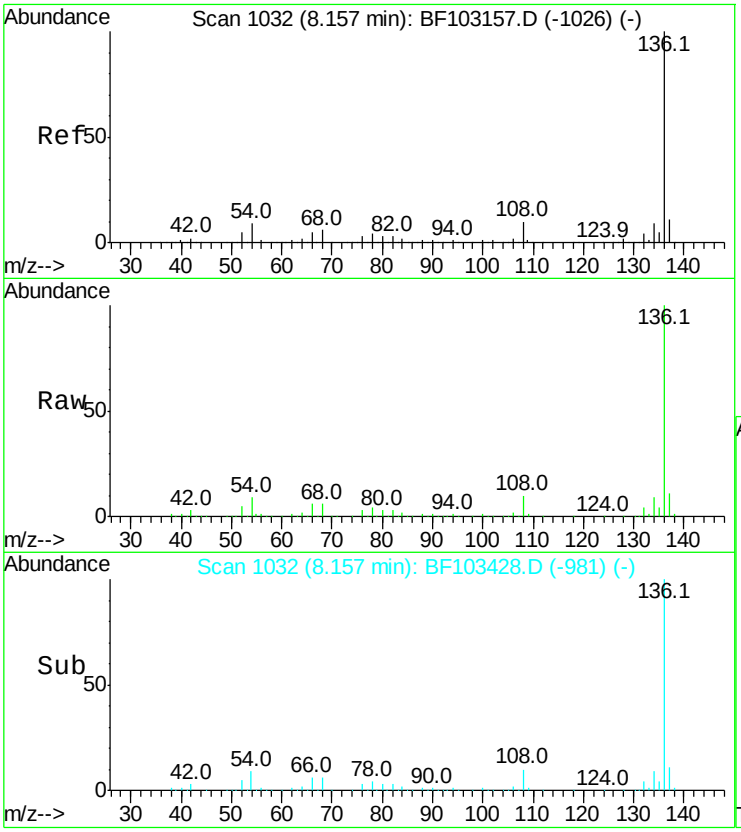


#19
n-Nitroso-di-n-propylamine
Concen: 13.157 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.16 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion: 70 Resp: 81184

Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



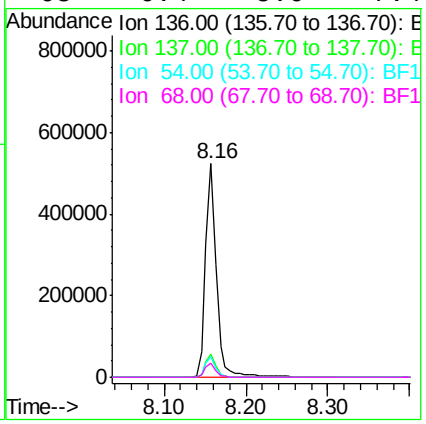


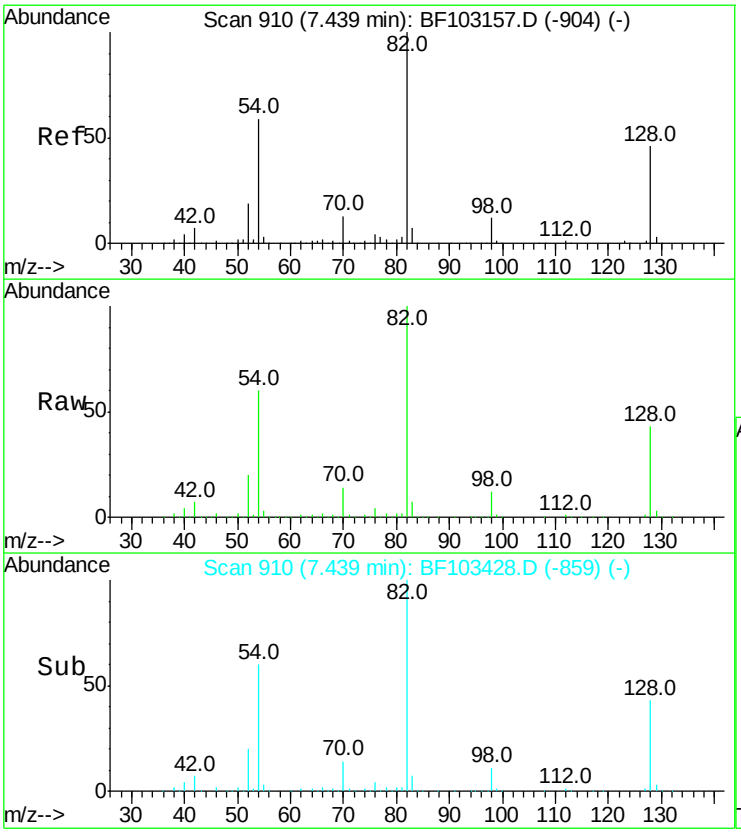
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 483747

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	6.4	5.0	7.4

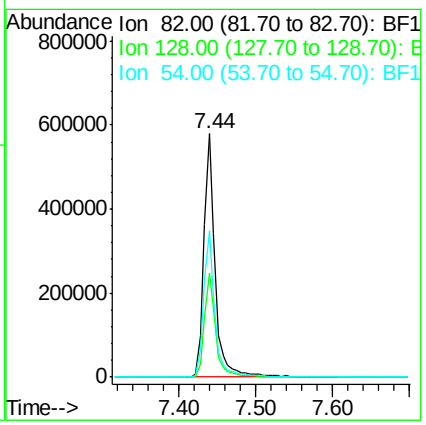


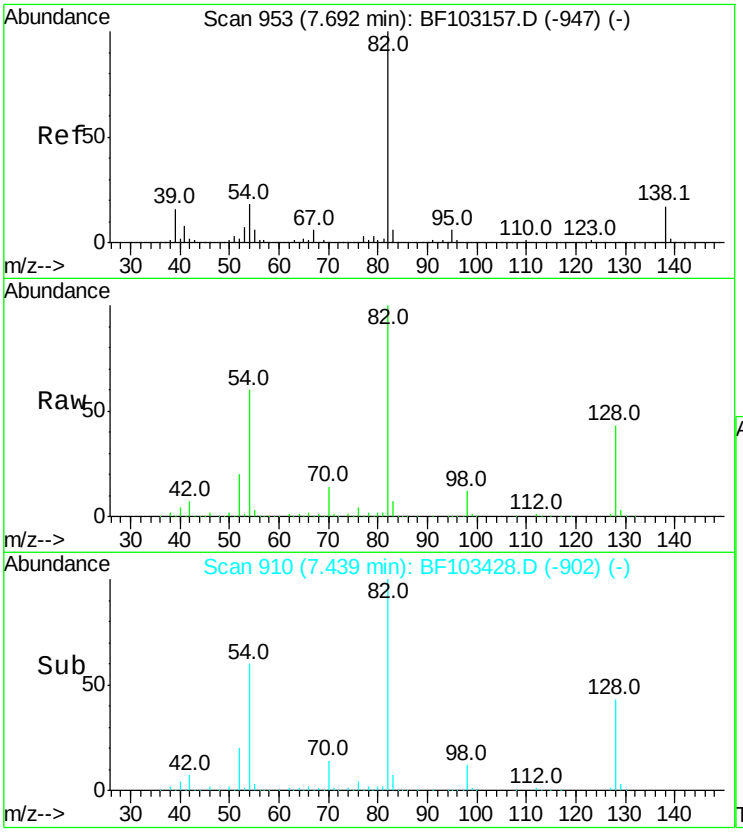


#23
Nitrobenzene-d5
Concen: 70.355 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion: 82 Resp: 595951

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	60.1	41.4	62.2



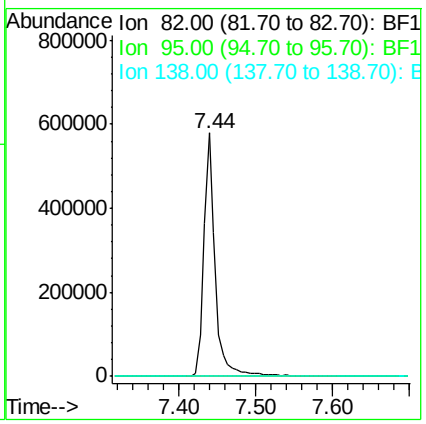


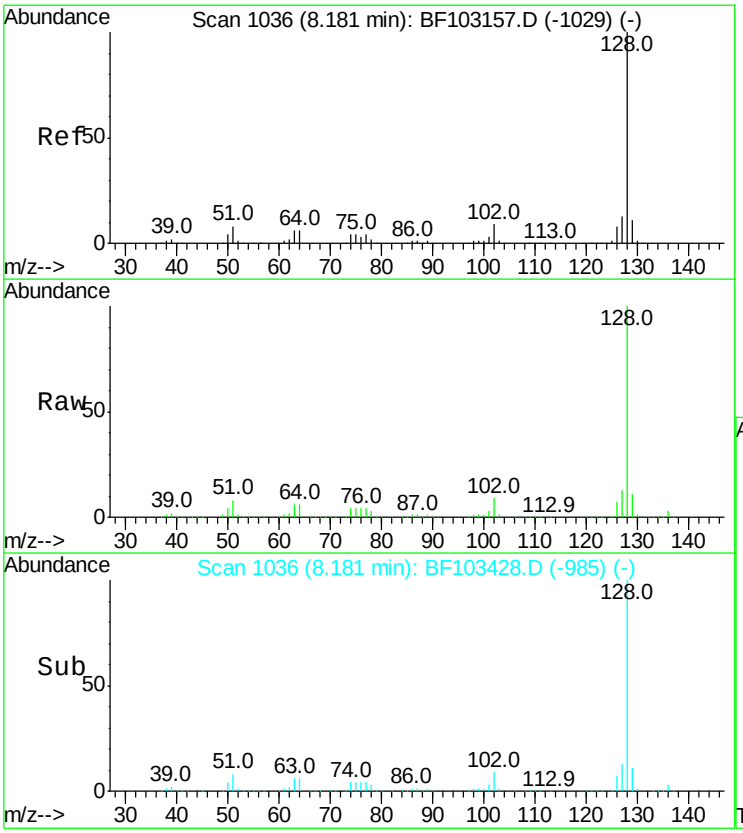
#25
Isophorone
Concen: 35.722 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 595951

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

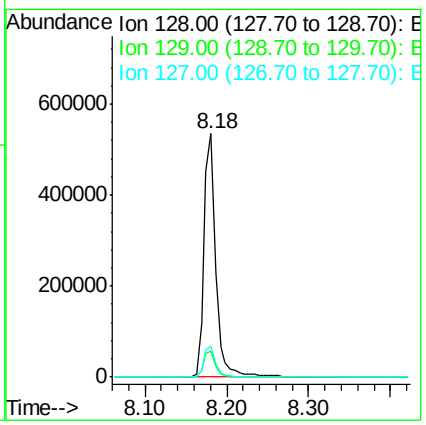


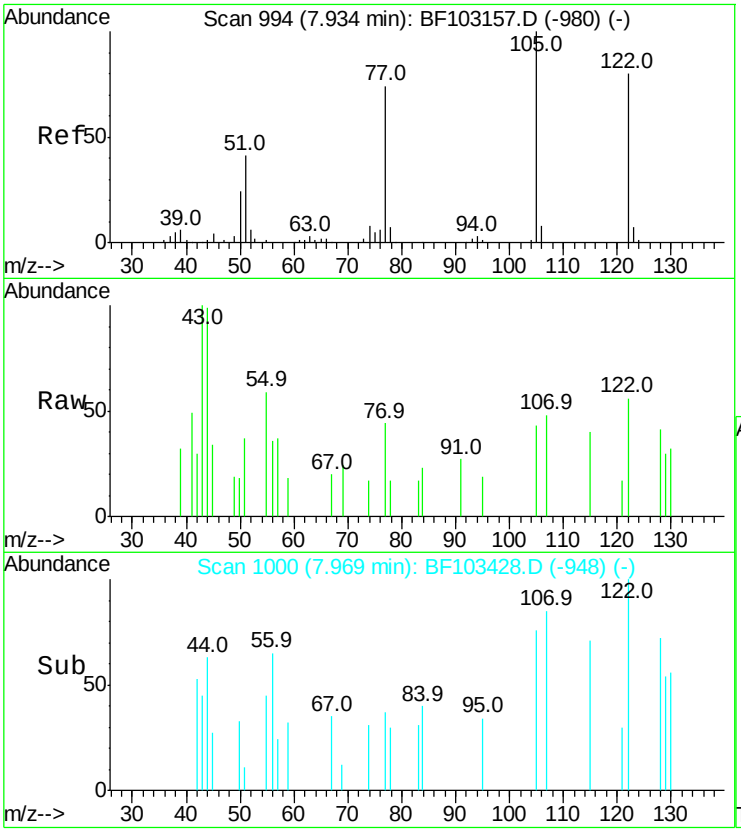


#31
Naphthalene
Concen: 22.811 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:128 Resp: 540236

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	10.9	16.3



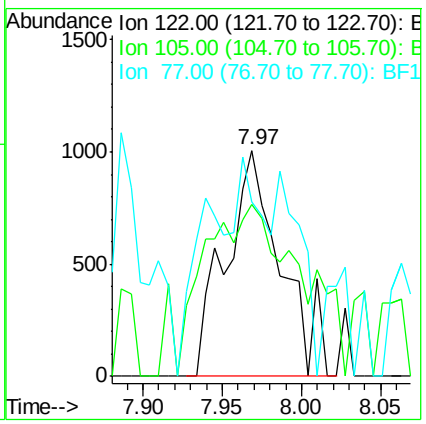


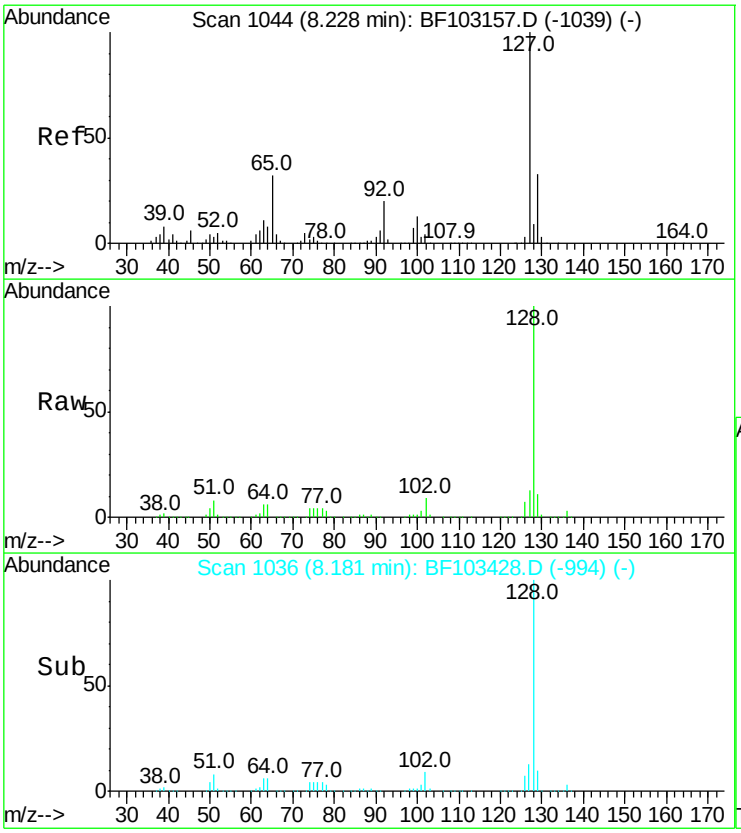
#32
Benzoic acid
Concen: 7.332 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2430

Ion	Ratio	Lower	Upper
122	100		
105	76.1	101.1	141.1#
77	77.3	70.7	110.7

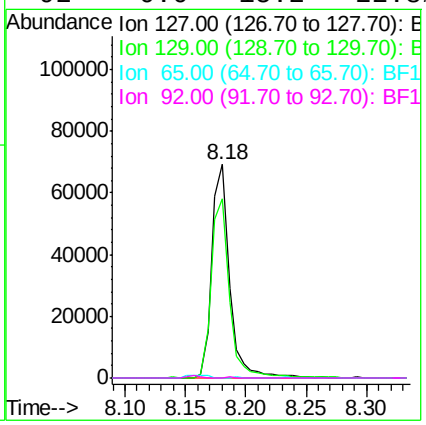


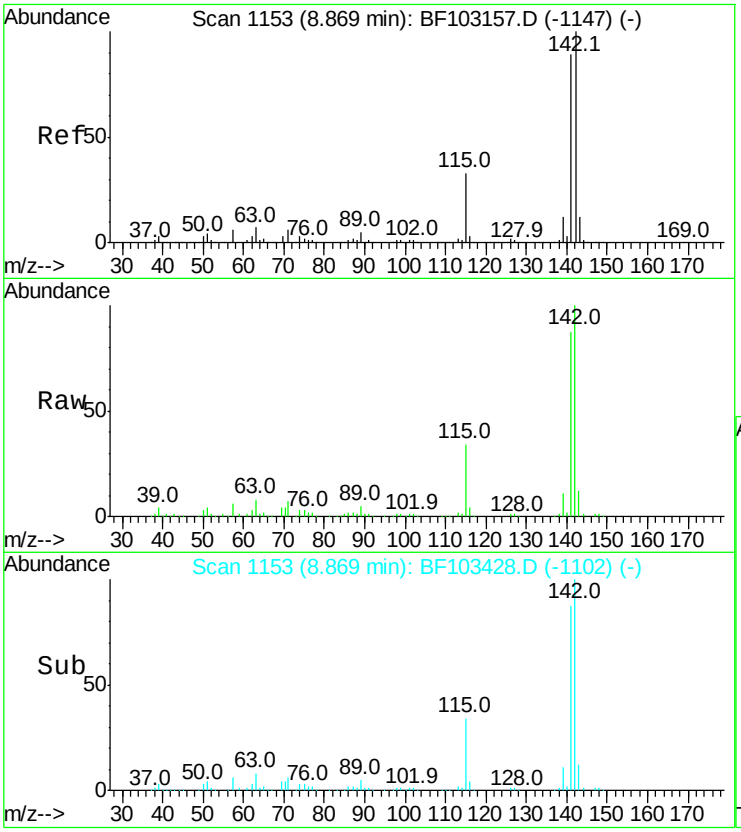


#33
4-Chloroaniline
Concen: 6.817 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:127 Resp: 69670

Ion	Ratio	Lower	Upper
127	100		
129	83.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



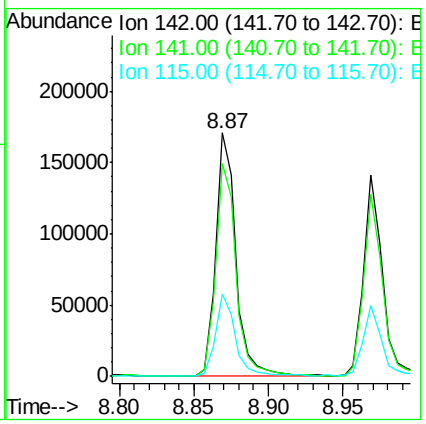


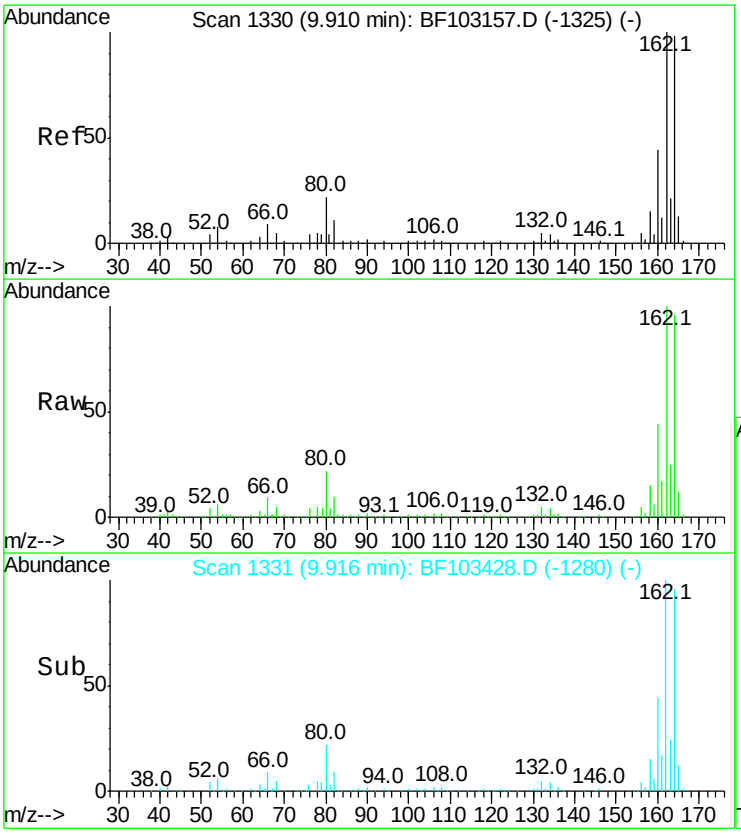
#37
2-Methylnaphthalene
Concen: 10.624 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 162619

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	33.6	26.1	39.1

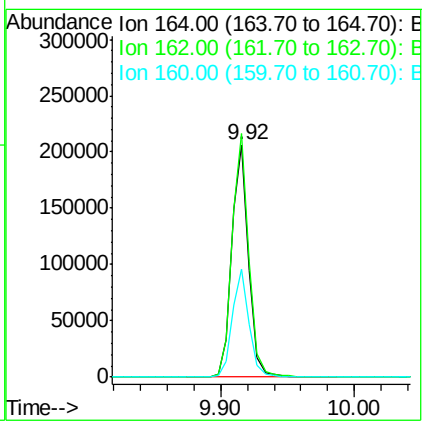


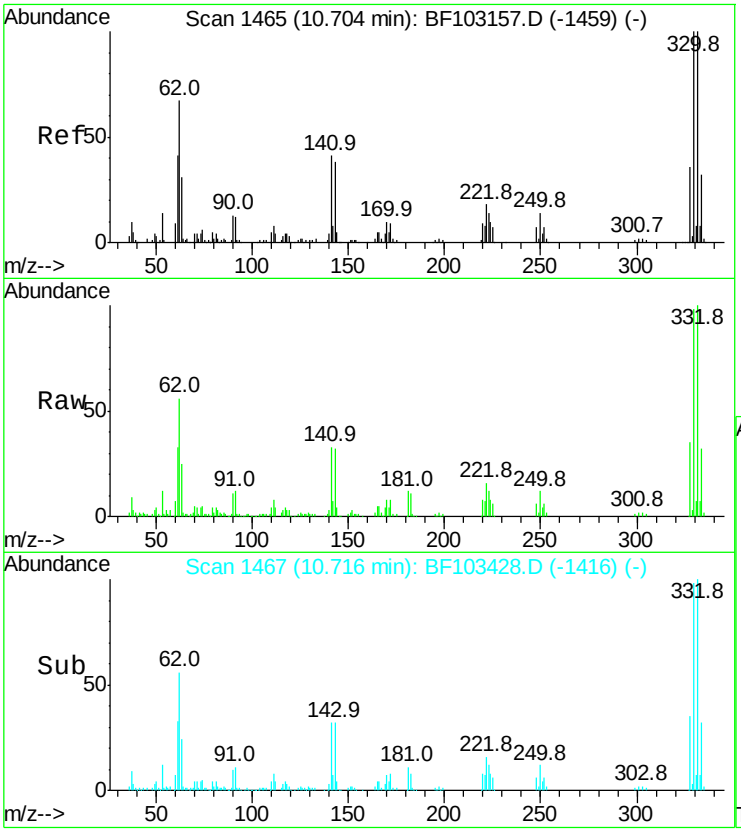


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:164 Resp: 182027

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.4	38.3	57.5



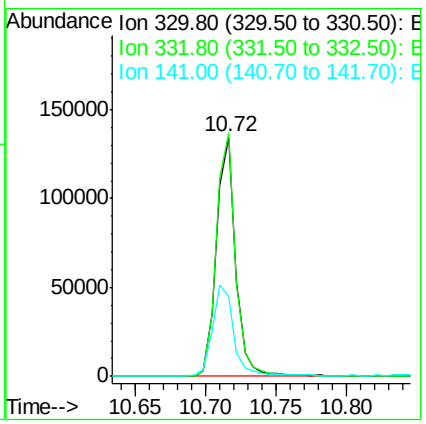


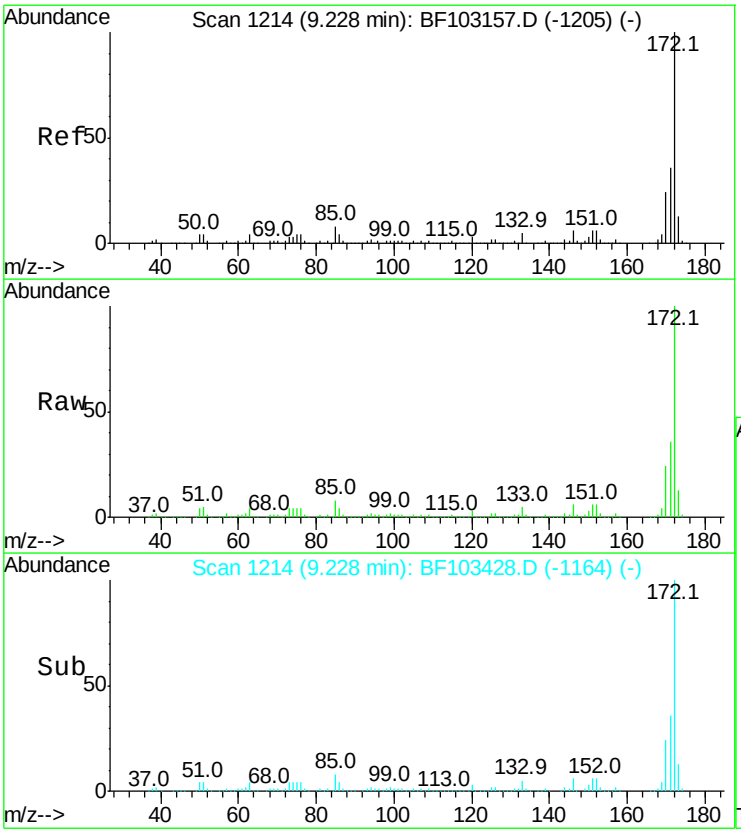
#41
2,4,6-Tribromophenol
Concen: 82.705 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 127428

Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	43.5	29.9	44.9

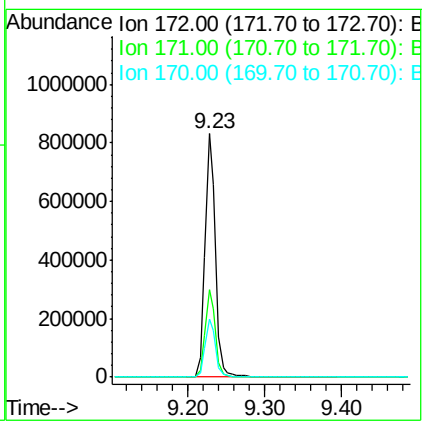


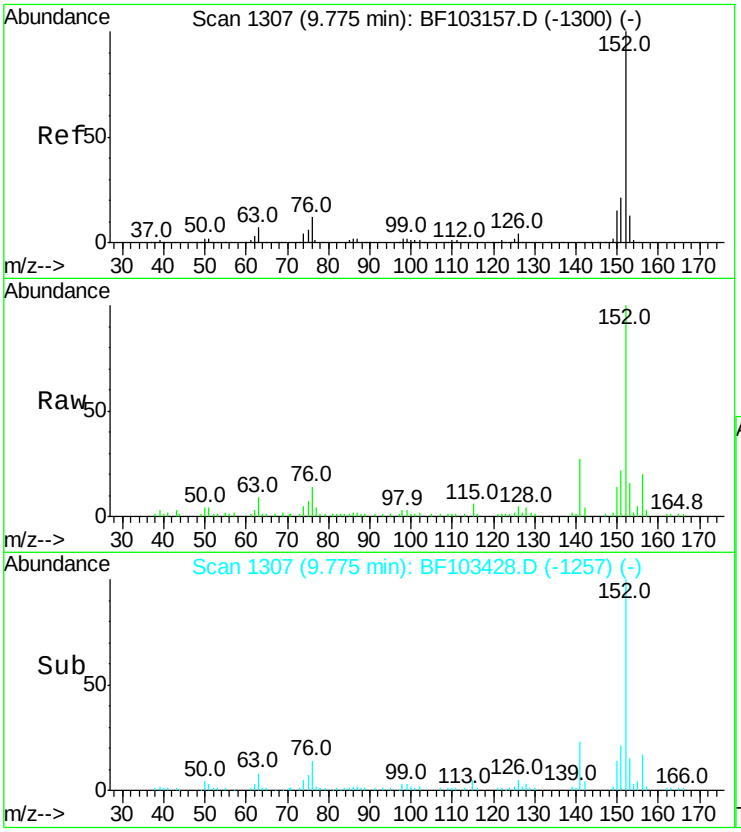


#44
2-Fluorobiphenyl
Concen: 70.609 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:172 Resp: 777132

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4



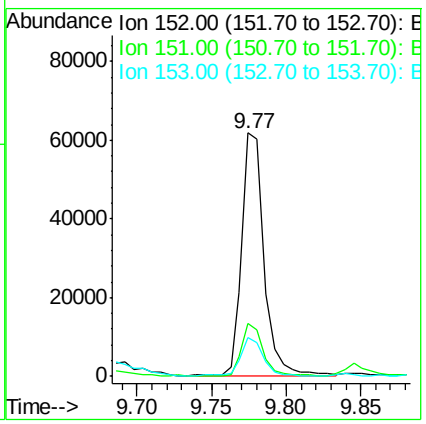


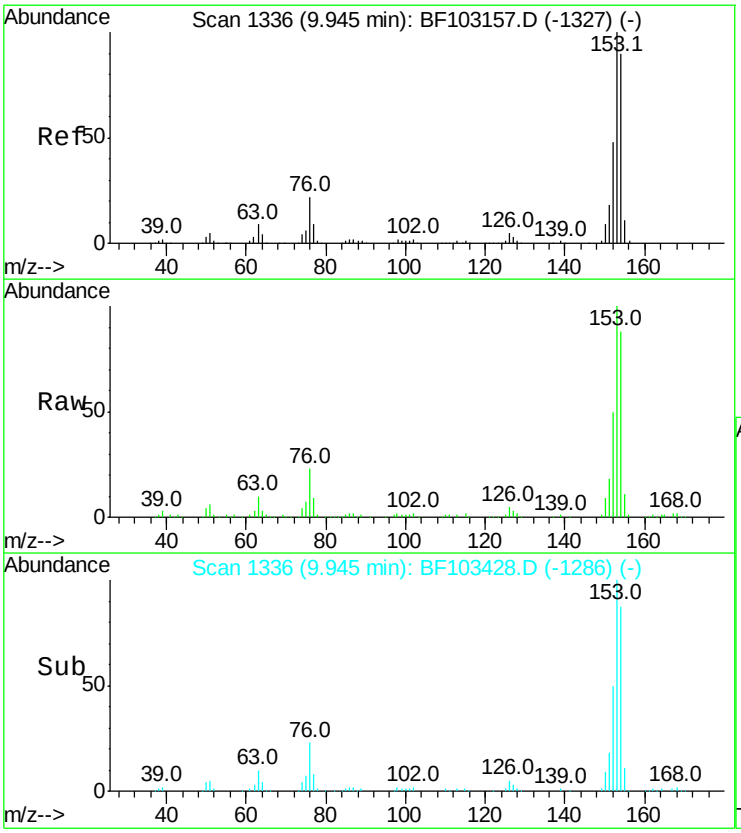
#48
Acenaphthylene
Concen: 3.500 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 64988

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	15.7	10.7	16.1

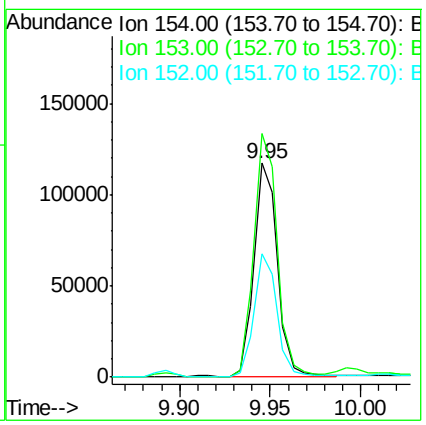


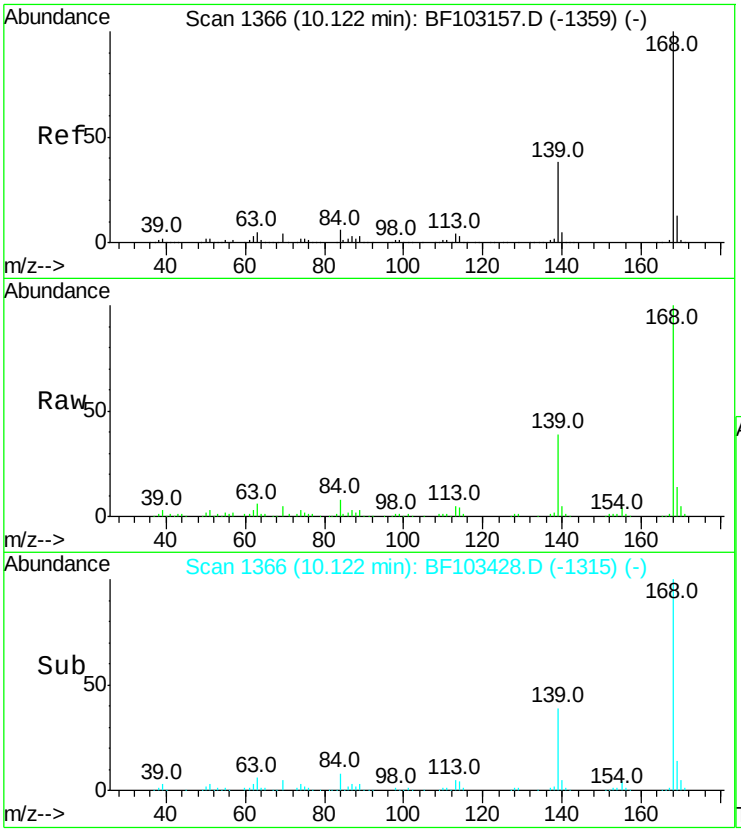


#51
Acenaphthene
Concen: 9.831 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:154 Resp: 106437

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	57.4	43.8	65.8



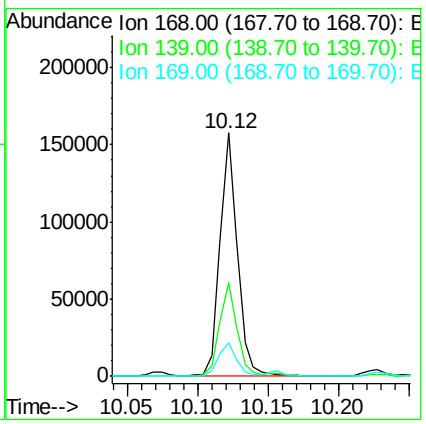


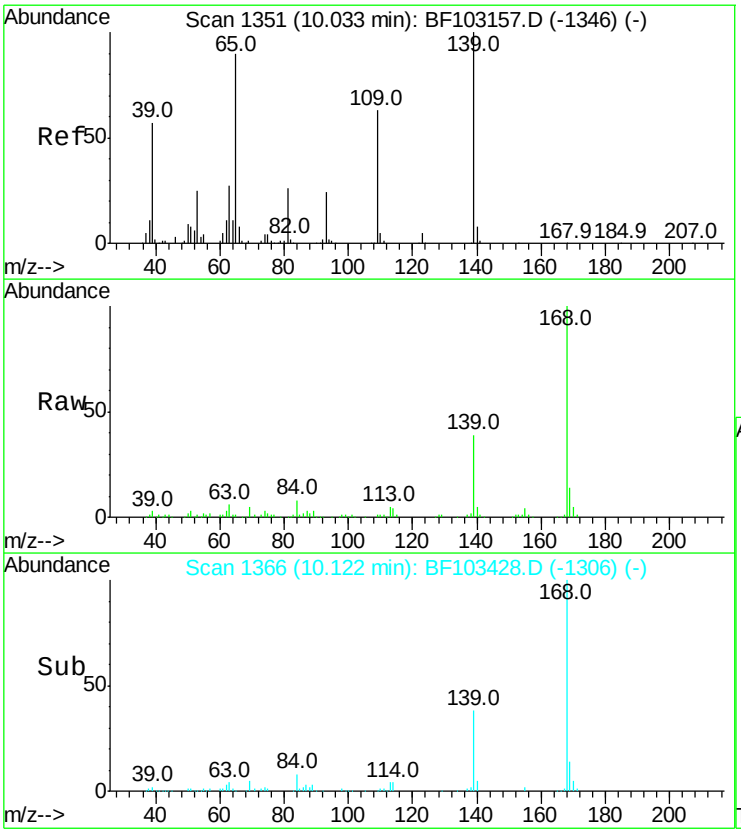
#54
Dibenzofuran
Concen: 9.169 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 136270

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	13.9	10.9	16.3

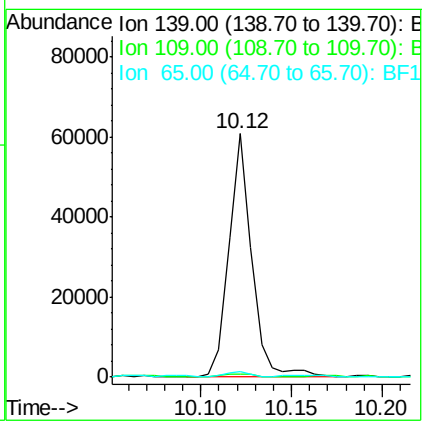


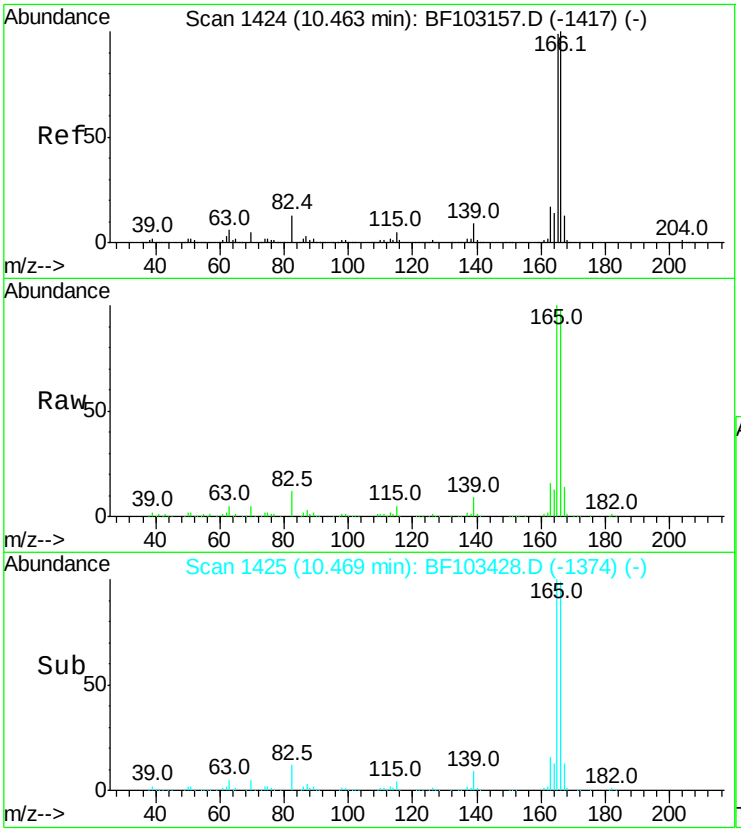


#55
4-Nitrophenol
Concen: 22.275 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:139 Resp: 53673

Ion	Ratio	Lower	Upper
139	100		
109	1.5	48.4	88.4#
65	2.1	72.6	112.6#



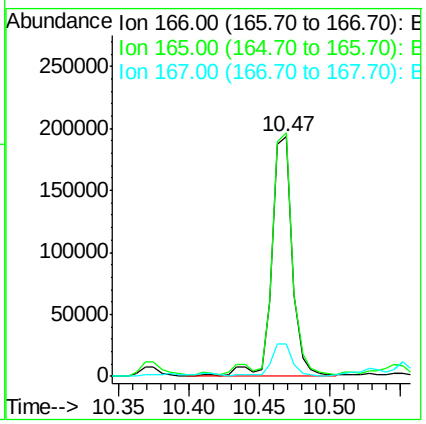


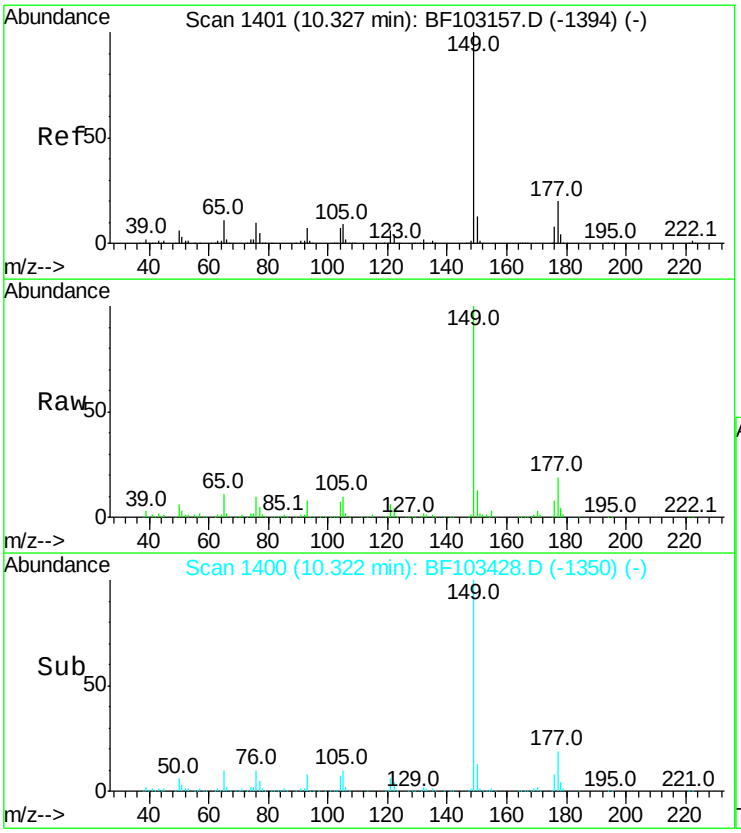
#57
Fluorene
Concen: 15.464 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 195780

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.8	119.8
167	13.8	10.6	16.0

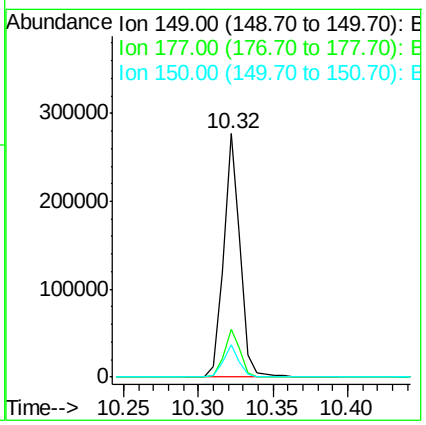


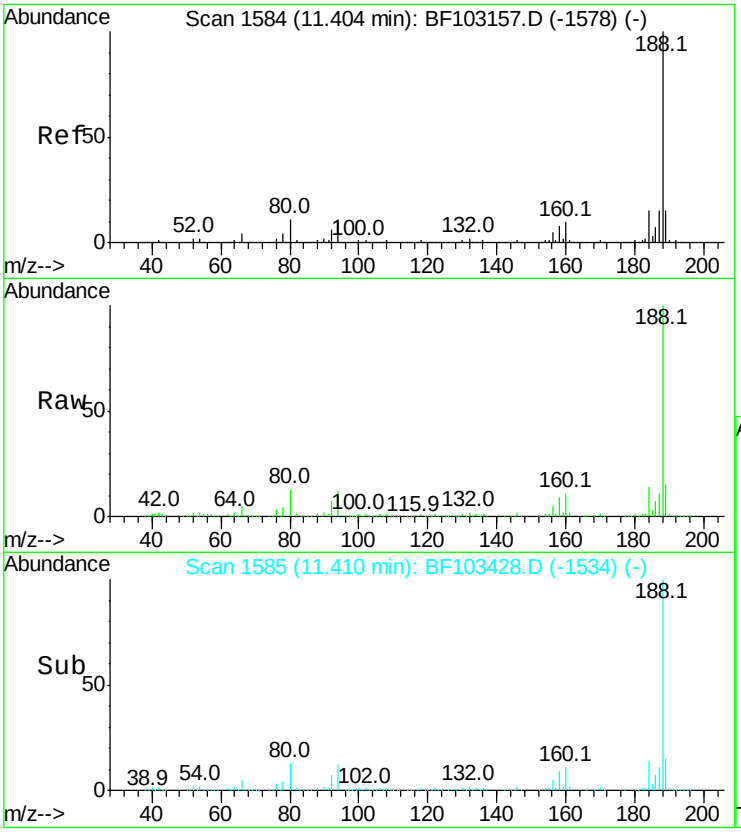


#59
Diethylphthalate
Concen: 15.499 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:149 Resp: 216454

Ion	Ratio	Lower	Upper
149	100		
177	19.4	16.1	24.1
150	13.2	10.1	15.1



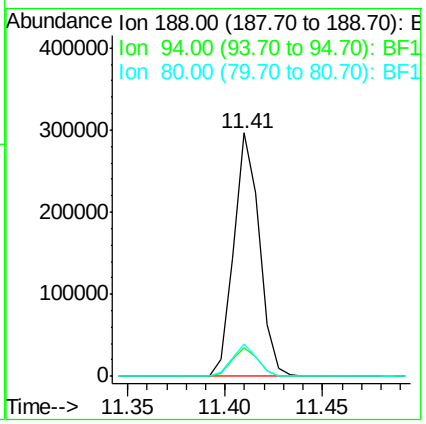


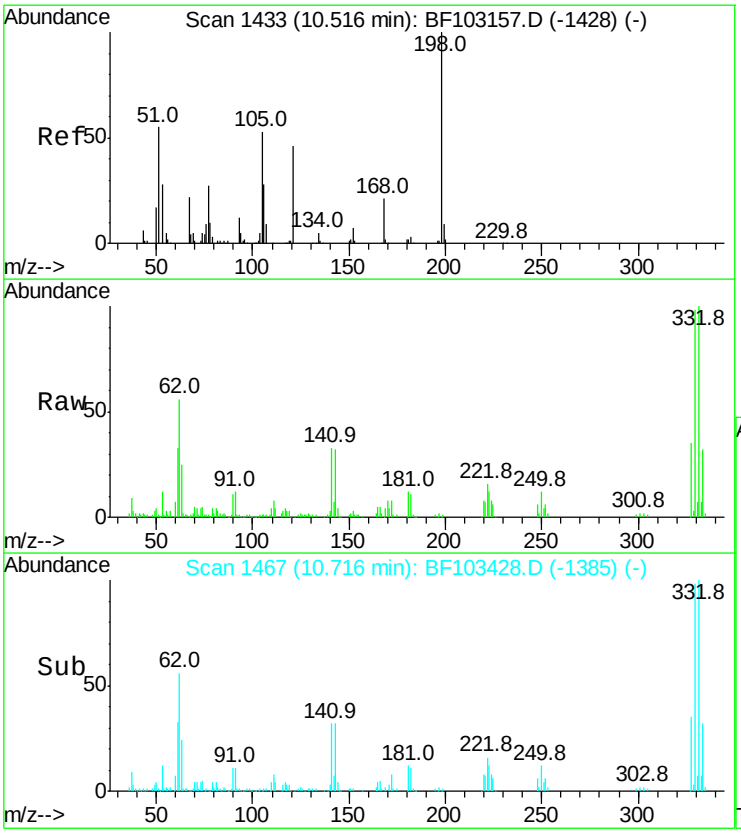
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 269898

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	13.3	9.2	13.8

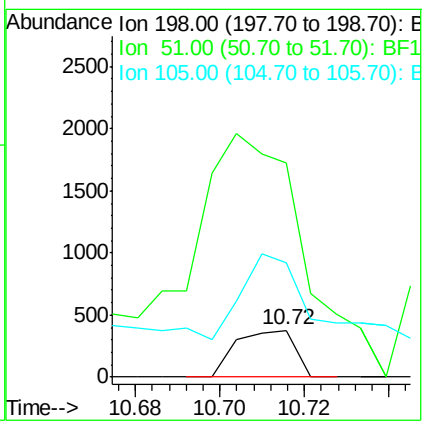


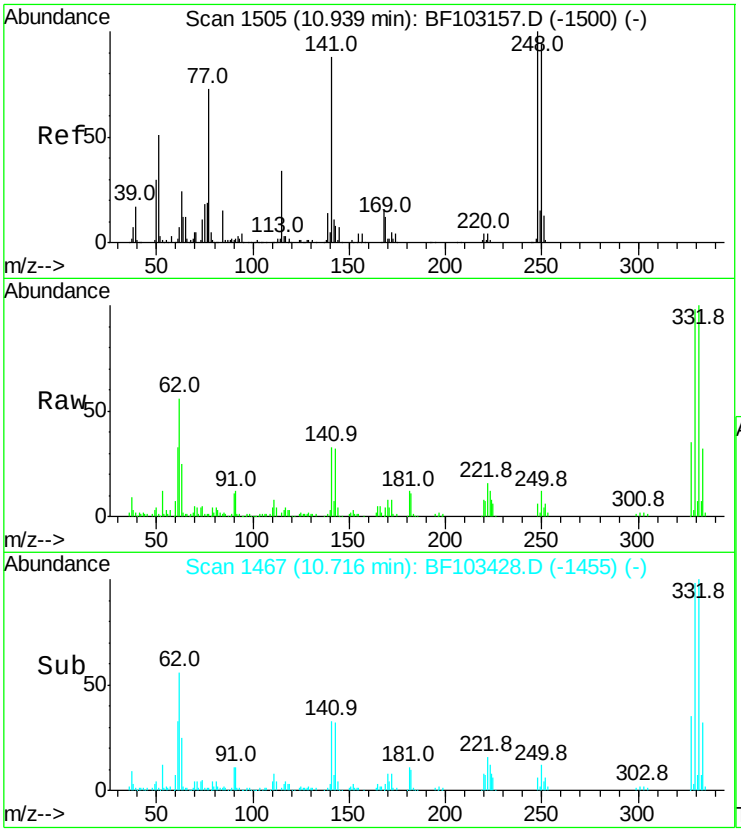


#64
4,6-Dinitro-2-methylphenol
Concen: 5.145 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:198 Resp: 365

Ion	Ratio	Lower	Upper
198	100		
51	456.2	37.7	77.7#
105	243.2	36.3	76.3#



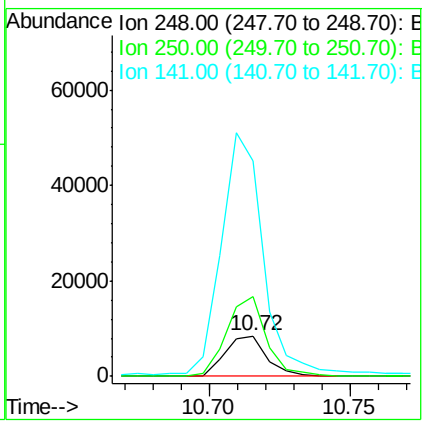


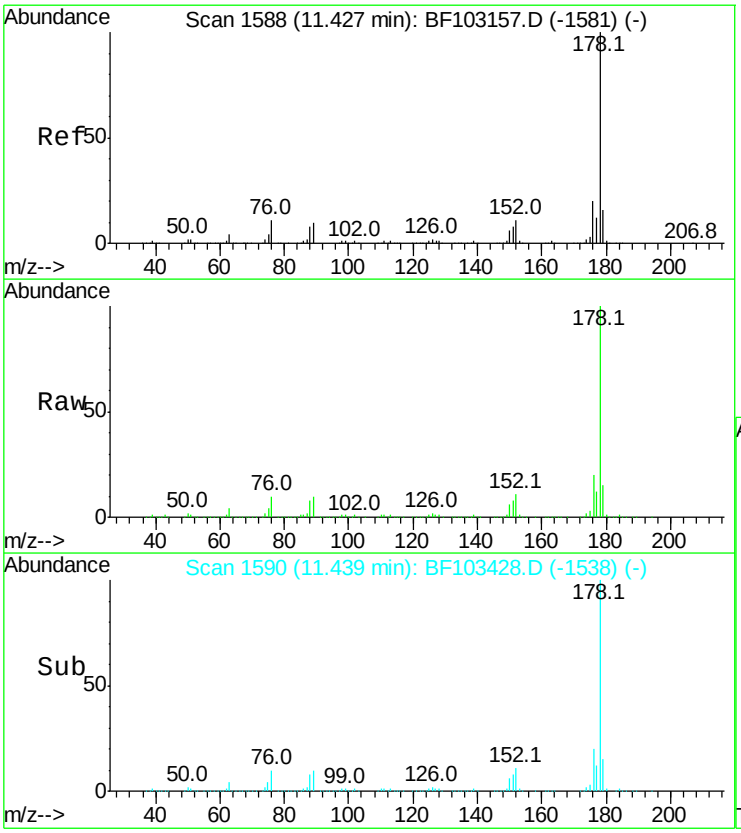
#66
4-Bromophenyl-phenylether
Concen: 3.069 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.23 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8629

Ion	Ratio	Lower	Upper
248	100		
250	198.0	76.9	115.3#
141	533.1	74.4	111.6#

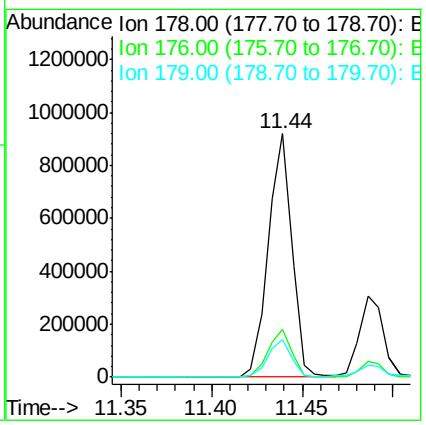


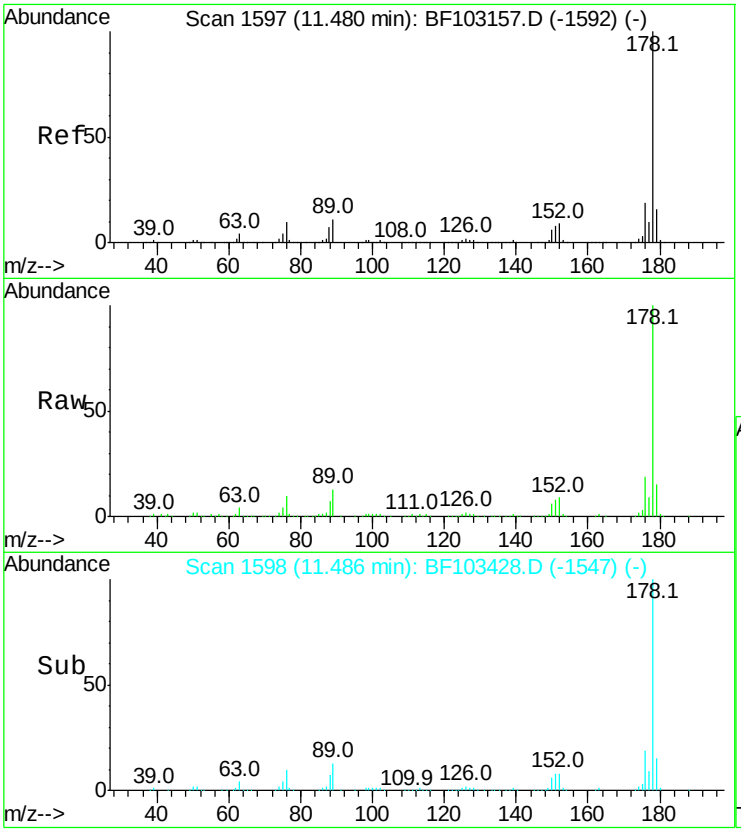


#70
Phenanthrene
Concen: 55.794 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:178 Resp: 828719

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6



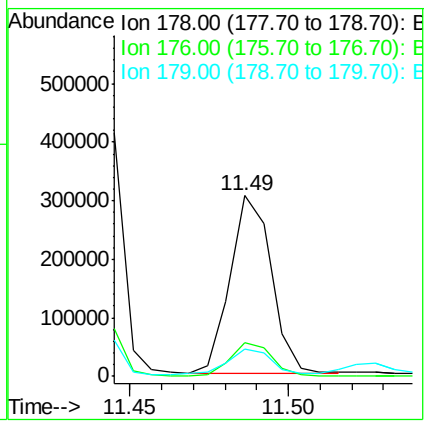


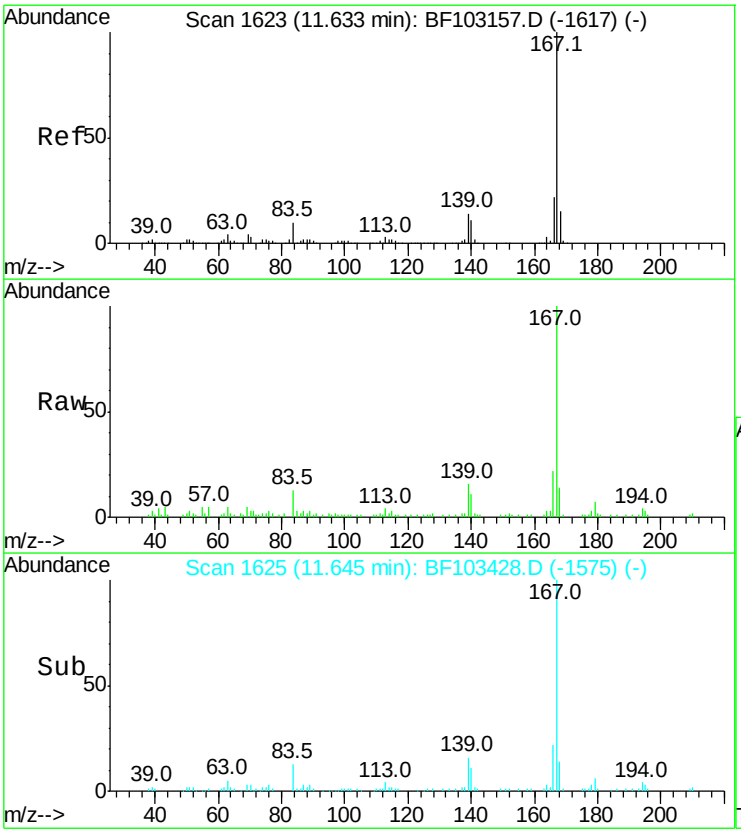
#71
Anthracene
Concen: 17.992 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 274040

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0

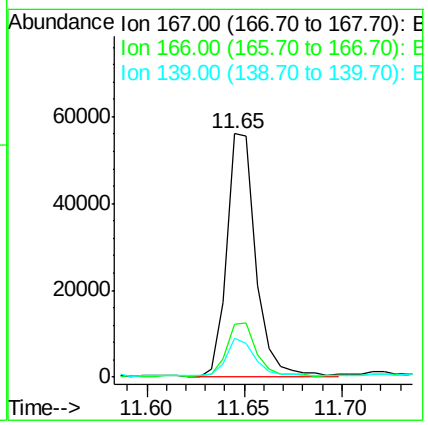


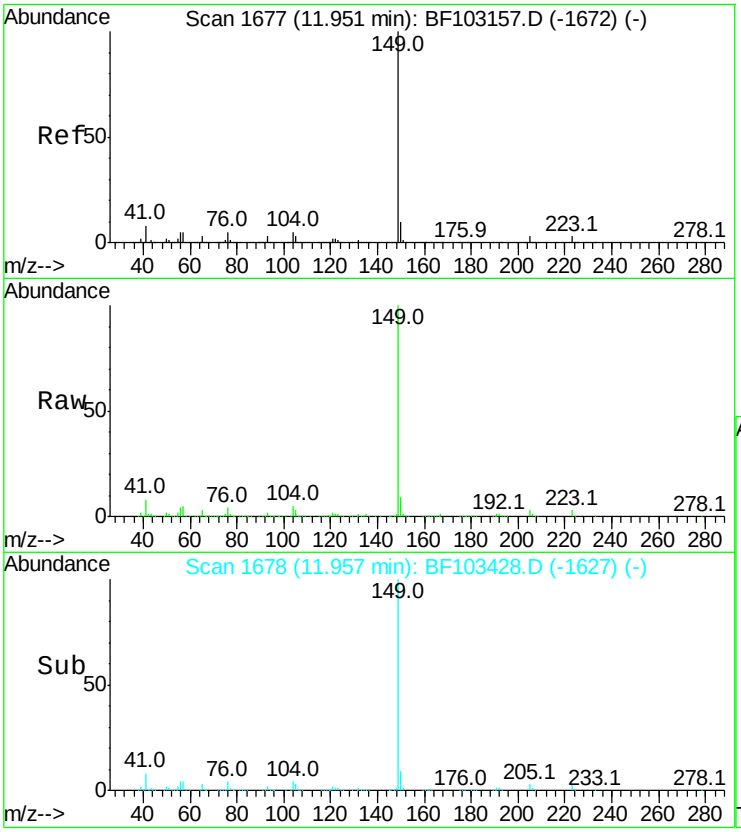


#72
Carbazole
Concen: 3.849 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:167 Resp: 58377

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	16.0	10.9	16.3



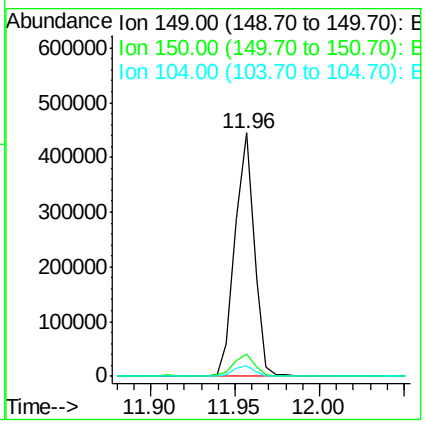


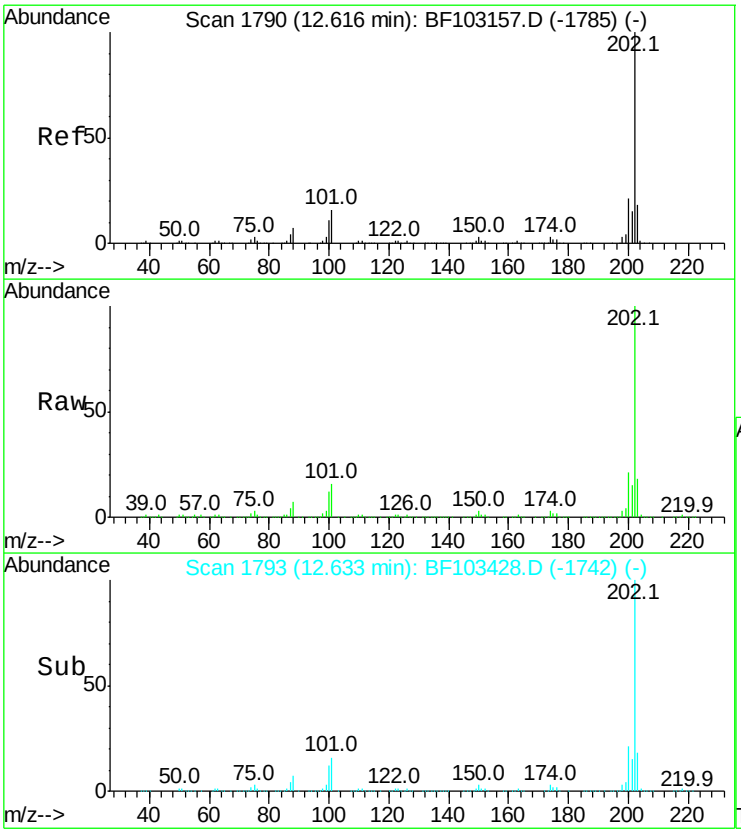
#73
Di-n-butylphthalate
Concen: 18.540 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 351870

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	4.5	3.8	5.8

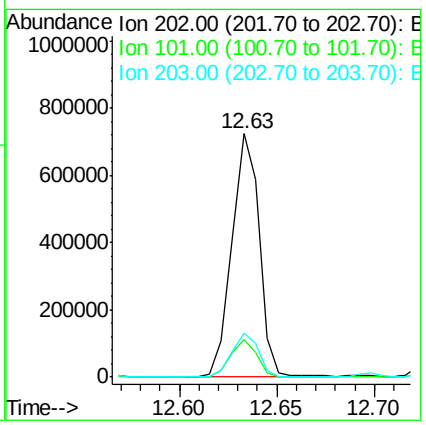


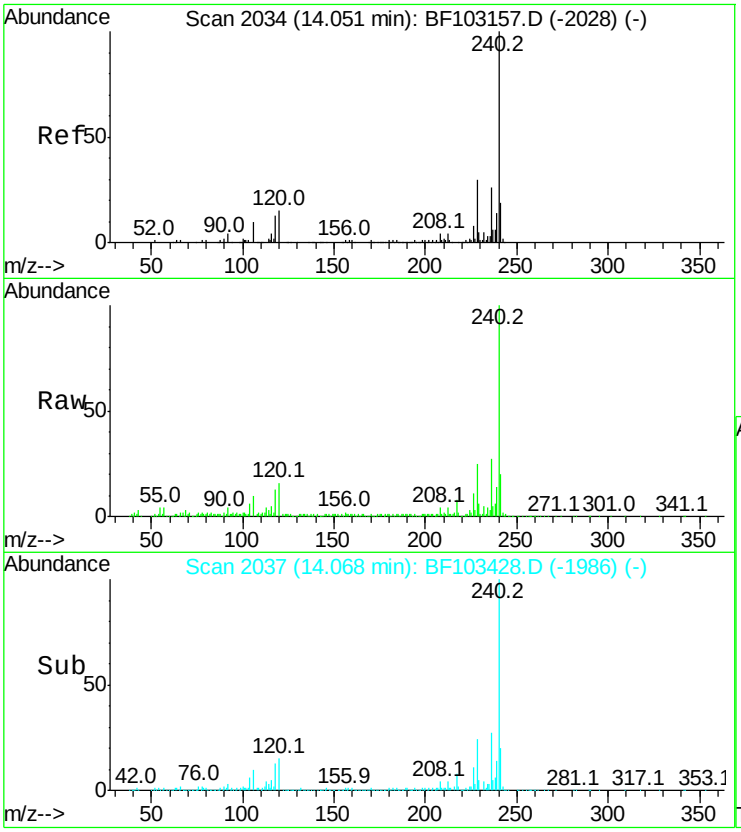


#74
Fluoranthene
Concen: 47.131 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:202 Resp: 703481

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	17.8	0.0	38.1



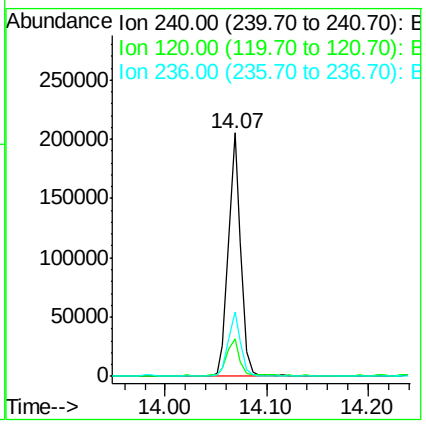


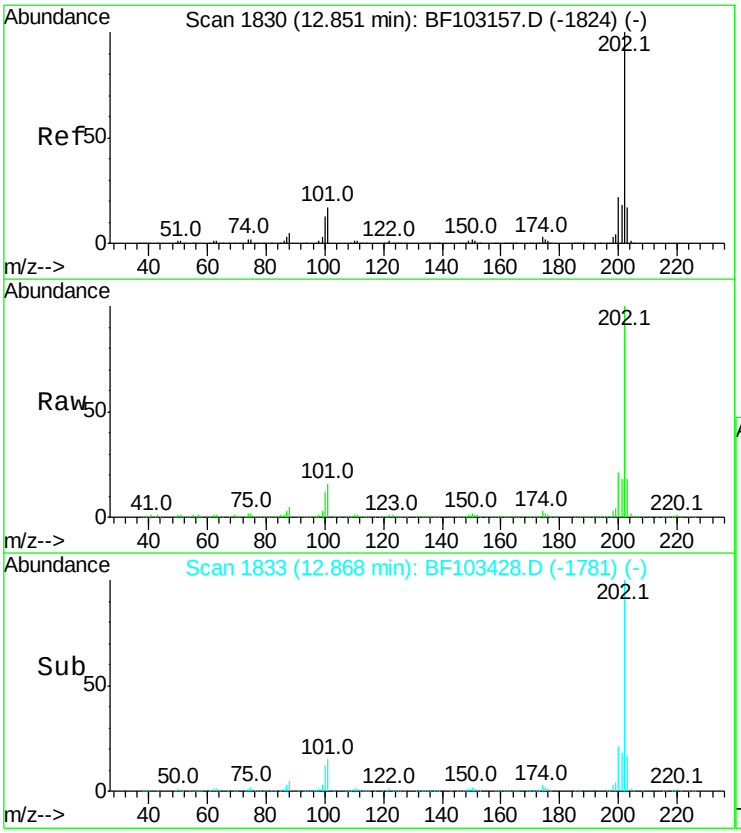
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 174243

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	26.7	20.7	31.1

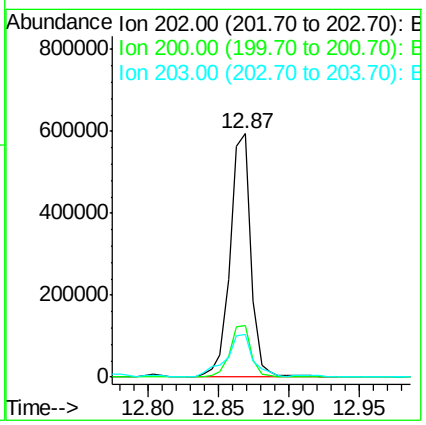


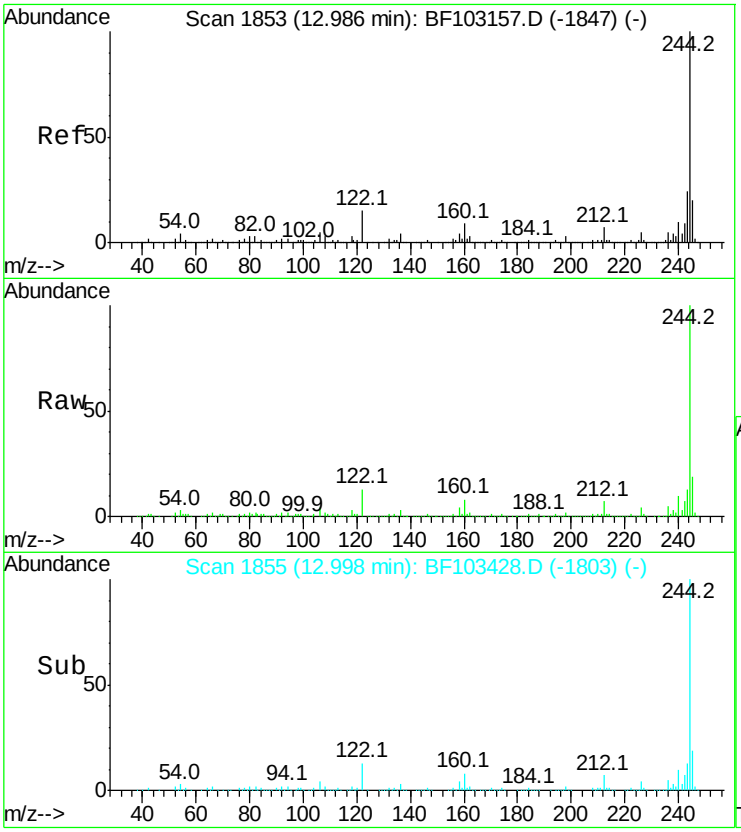


#77
Pyrene
Concen: 44.400 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:202 Resp: 603176

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.5	14.3	21.5



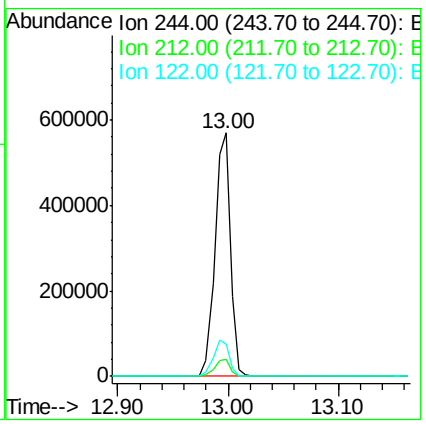


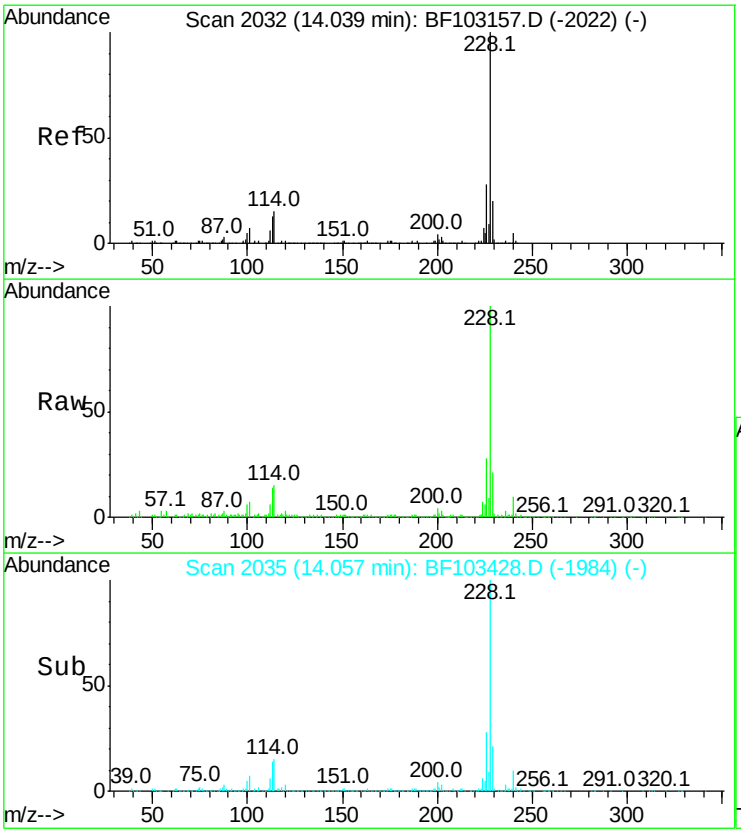
#78
Terphenyl-d14
Concen: 76.157 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 552022

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.4	11.0	16.4

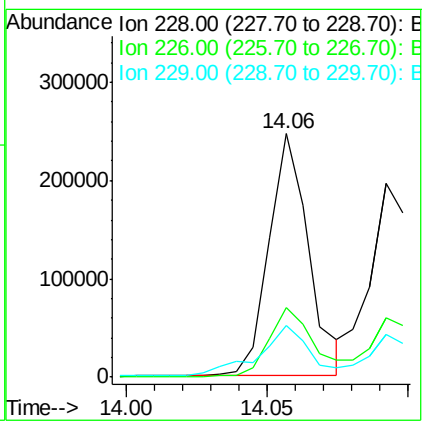


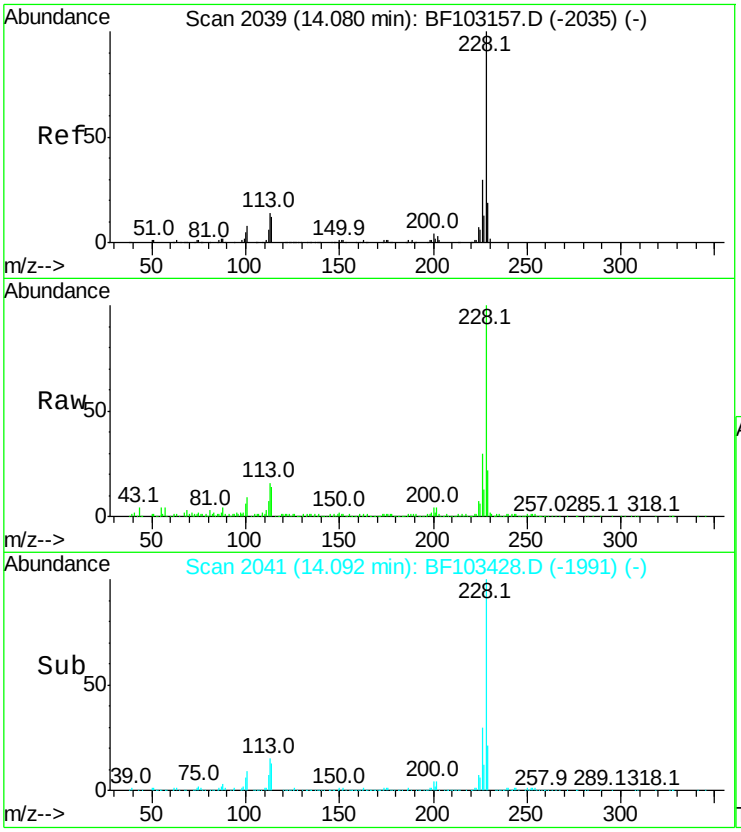


#80
Benzo(a)anthracene
Concen: 21.397 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:228 Resp: 241910

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.3	15.8	23.6



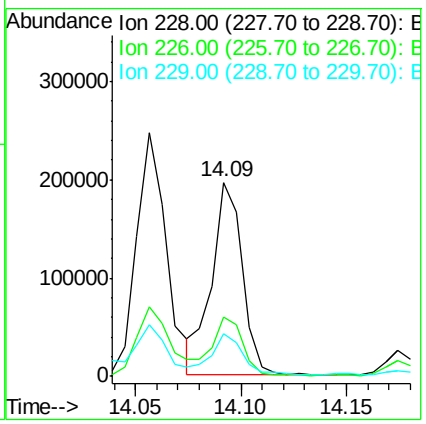


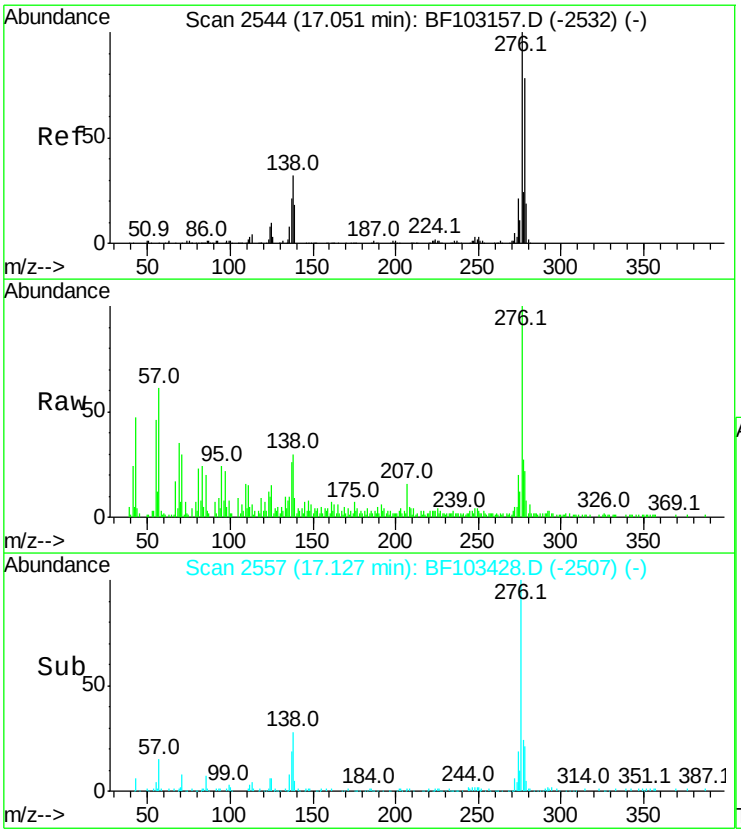
#82
Chrysene
Concen: 18.159 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 199335

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.2	16.2	24.4

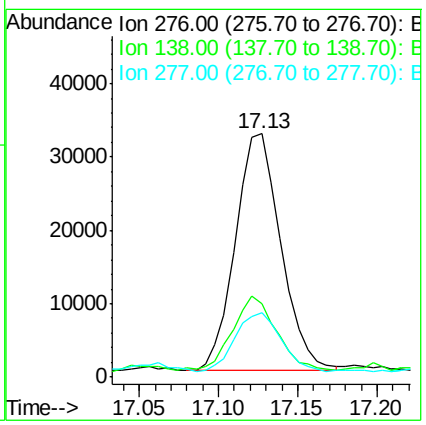


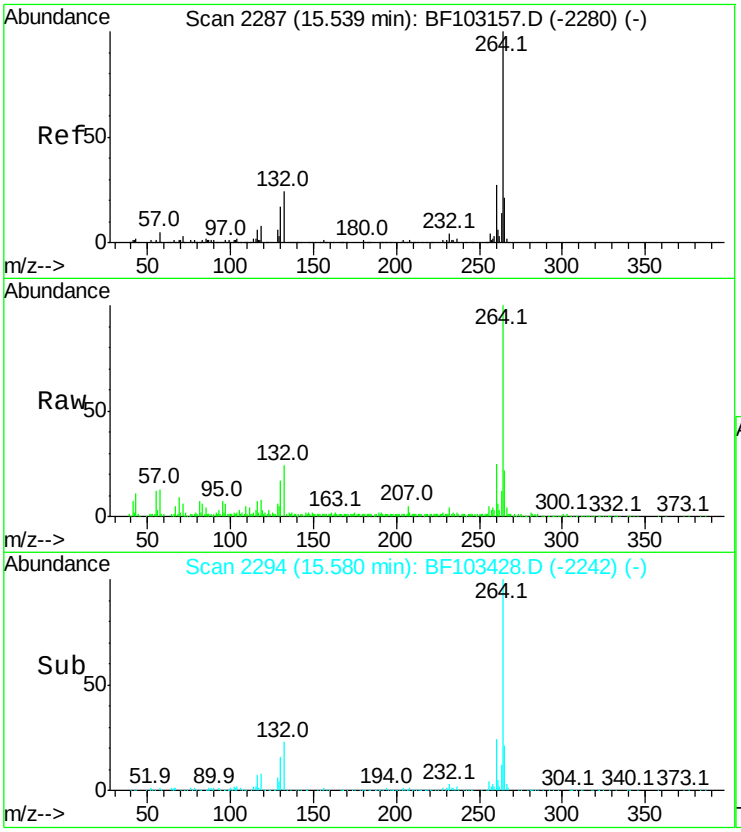


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.444 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:276 Resp: 64693

Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	24.9	20.1	30.1



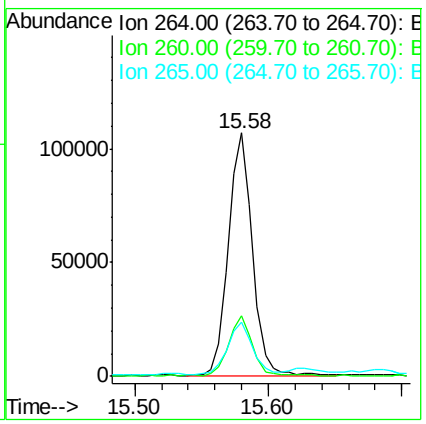


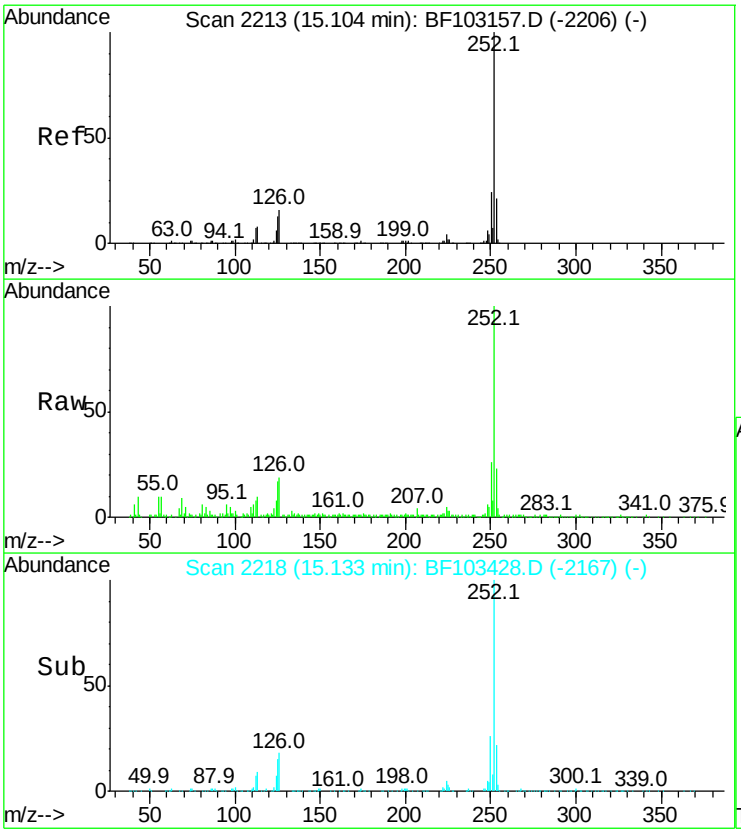
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 134423

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.3	17.5	26.3

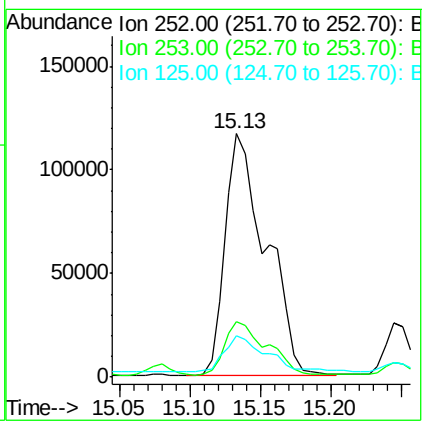


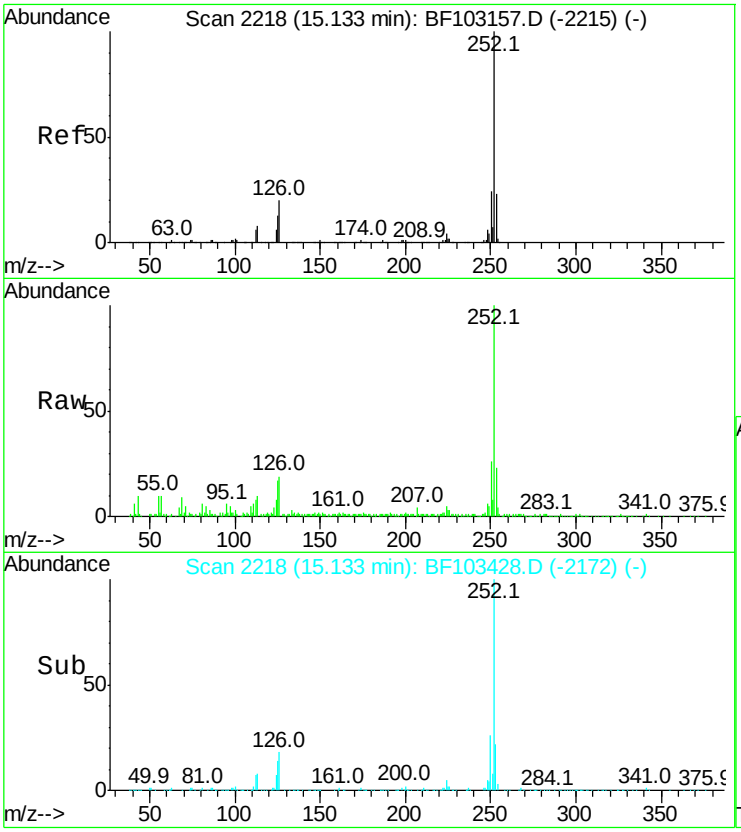


#87
Benzo(b)fluoranthene
Concen: 26.714 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:252 Resp: 236102

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	16.9	9.0	13.6#



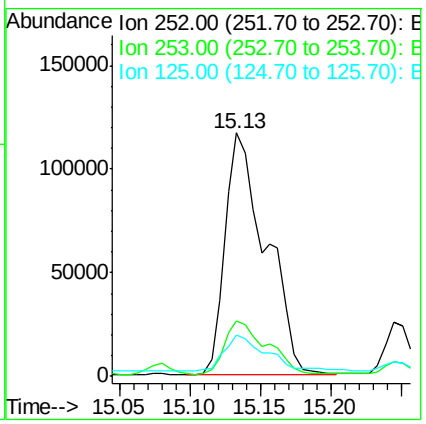


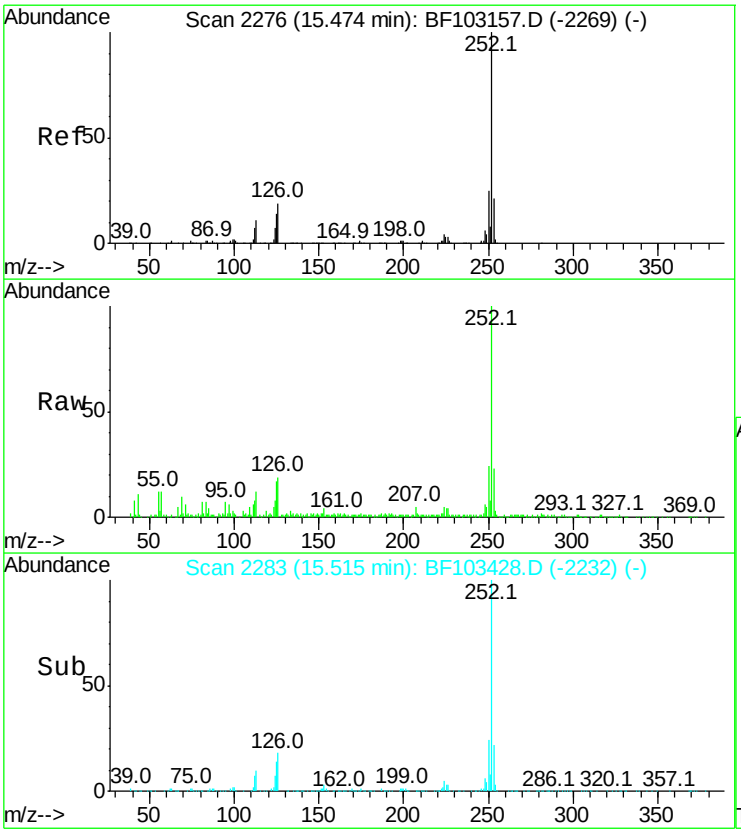
#88
Benzo(k)fluoranthene
Concen: 28.369 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 236102

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	16.9	10.2	15.2#

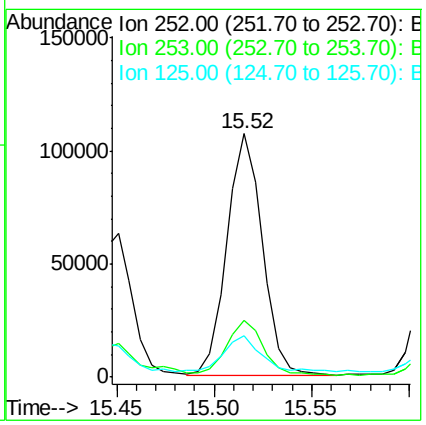


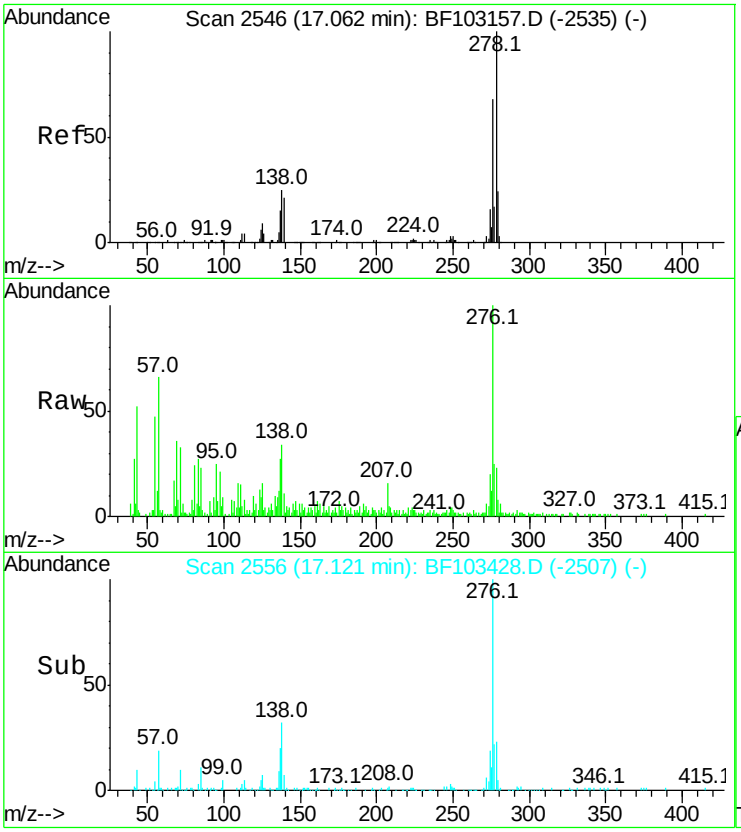


#89
Benzo(a)pyrene
Concen: 17.101 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:252 Resp: 134969

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	16.8	9.8	14.6#



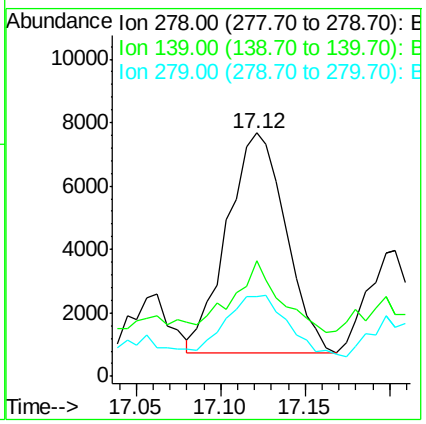


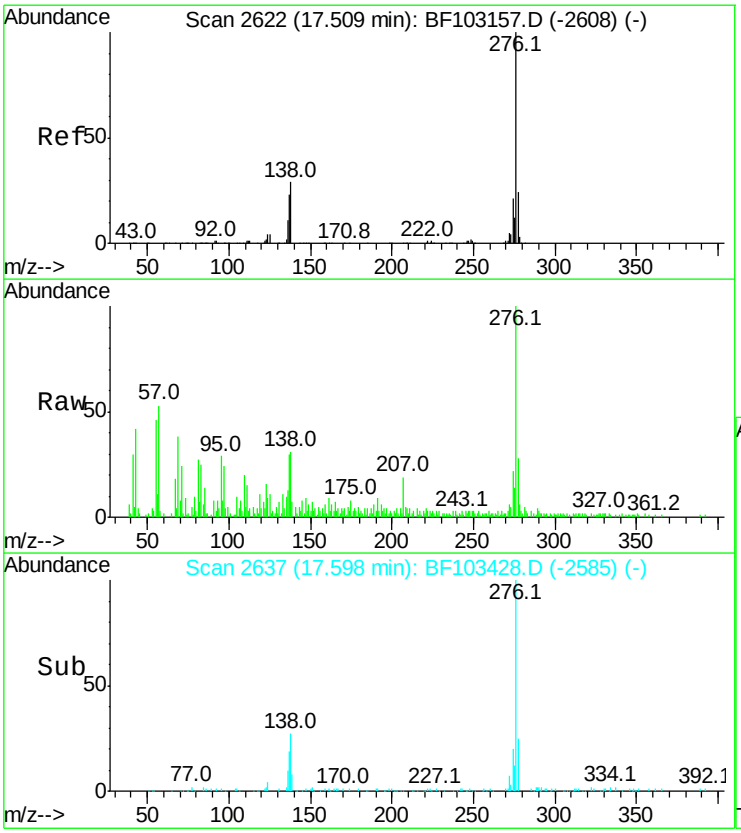
#90
Dibenzo(a,h)anthracene
Concen: 2.730 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 16649

Ion	Ratio	Lower	Upper
278	100		
139	47.4	15.9	23.9#
279	32.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.833 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:276 Resp: 58611

Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	38.6	21.8	32.8#