Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 06 06:01:38 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	117986	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	486413	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	204254	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	306426	20.00	ng	0.00
75) Chrysene-d12	14.07	240	173045	20.00	ng	0.00
86) Perylene-d12	15.59	264	134442	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	779706	99.95	ng	0.00
7) Phenol-d6	6.52	99	953887	99.93	ng	0.00
23) Nitrobenzene-d5	7.44	82	565999	66.45	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	112375	65.00	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	779990	61.50	ng	0.00
78) Terphenyl-d14	12.99	244	494631	68.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	1235	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	75138	12.647	ng	# 82
25) Isophorone	7.44	82	565999	33.741	ng	# 64
32) Benzoic acid	7.98	122	121	6.934	ng	# 28
50) 2,6-Dinitrotoluene	9.92	165	28163	8.190	ng	# 27
51) Acenaphthene	9.95	154	27917	2.298	ng	97
55) 4-Nitrophenol	10.12	139	10212	3.777	ng	# 18
56) 2,4-Dinitrotoluene	9.92	165	28303	6.508	ng	# 24
57) Fluorene	10.47	166	28879	2.033	ng	98
64) 4,6-Dinitro-2-methylphenol	10.72	198	162	5.023	ng	87
66) 4-Bromophenyl-phenylether	10.71	248	8146	2.552	ng	# 1
70) Phenanthrene	11.43	178	267617	15.870	ng	99
71) Anthracene	11.49	178	94329	5.455	ng	99
72) Carbazole	11.65	167	35651	2.070	ng	99
74) Fluoranthene	12.63	202	367060	21.661	ng	99
77) Pyrene	12.86	202	348649	25.842	ng	99
80) Benzo(a)anthracene	14.06	228	154371	13.749	ng	96
82) Chrysene	14.09	228	130420	11.963	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	48029	5.565	ng	97
87) Benzo(b)fluoranthene	15.14	252	181365	20.518	ng	# 92
88) Benzo(k)fluoranthene	15.14	252	181365	21.789	ng	# 95
89) Benzo(a)pyrene	15.52	252	91407	11.580	ng	# 89
90) Dibenzo(a,h)anthracene	17.13	278	13012	2.133	ng	# 64
91) Benzo(g,h,i)perylene	17.61	276	46950	7.876	ng	# 89

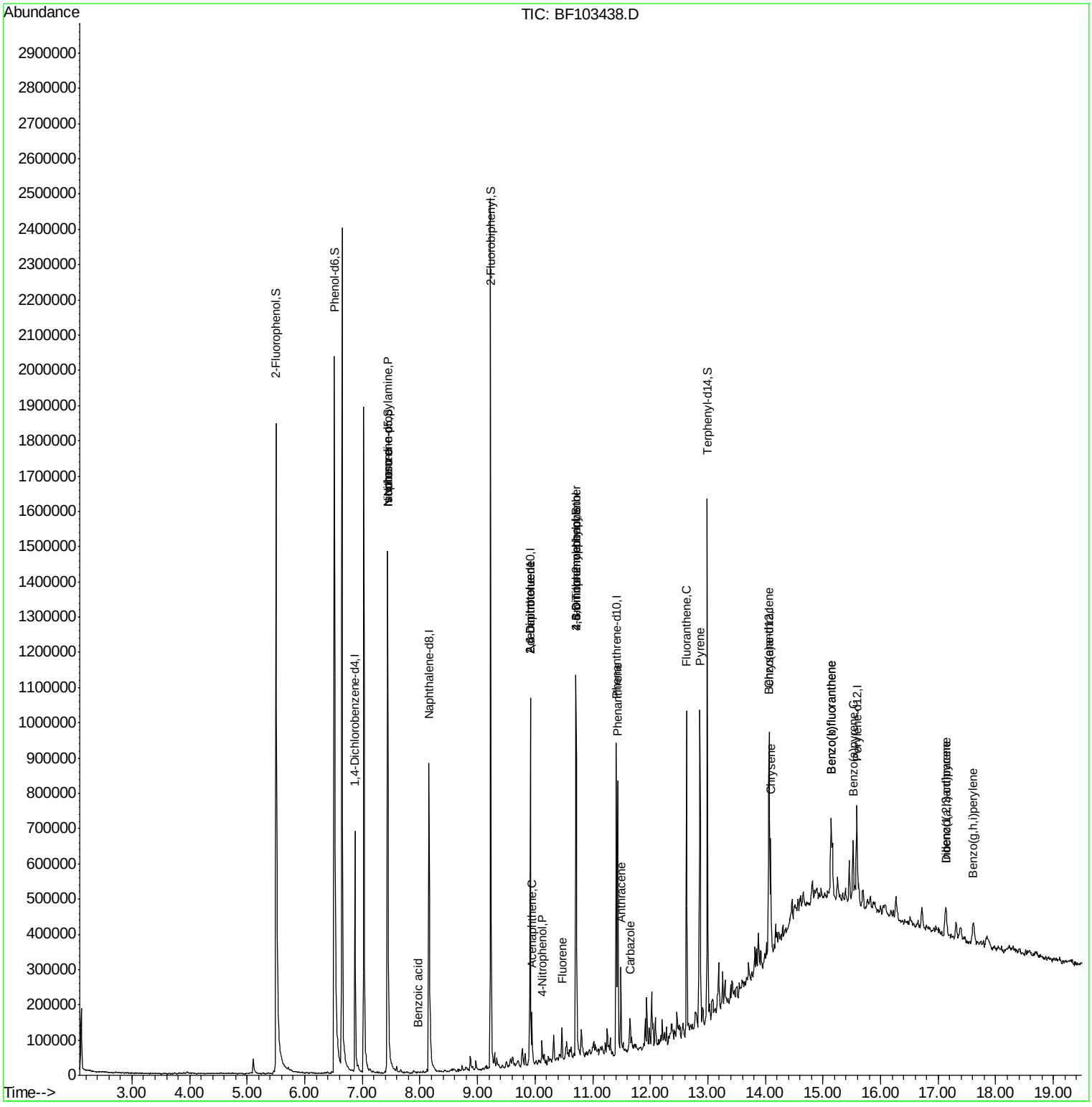
(#) = qualifier out of range (m) = manual integration (+) = signals summed

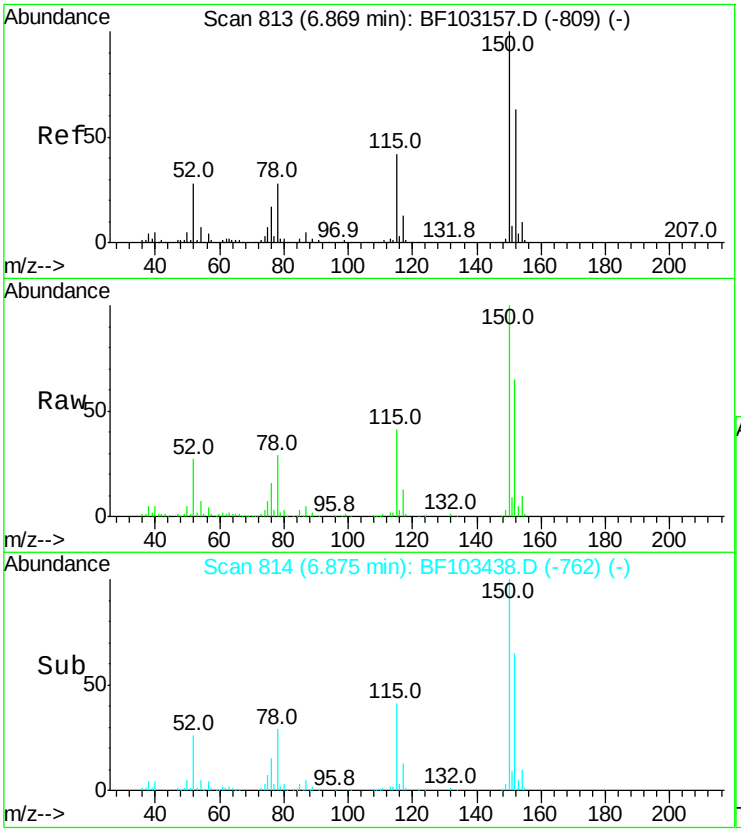
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103438.D
Acq On : 6 Mar 2018 4:24
Operator : SJ/JU
Sample : J1723-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 06:01:38 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



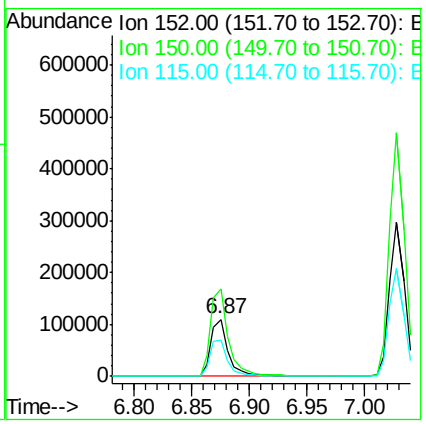


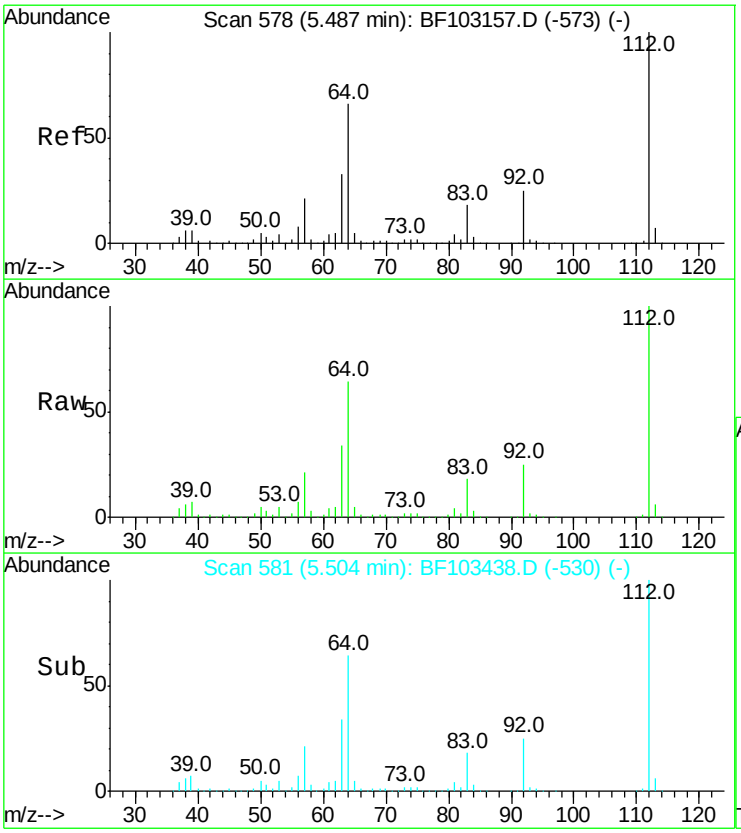
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117986

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	63.5	50.1	75.1

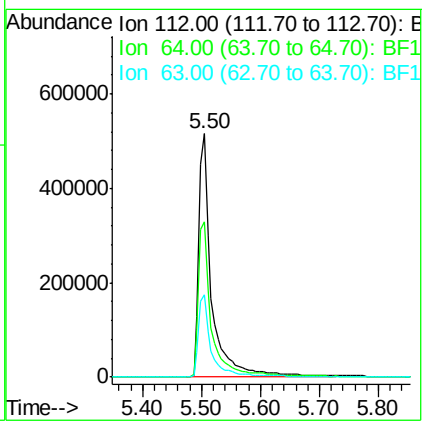


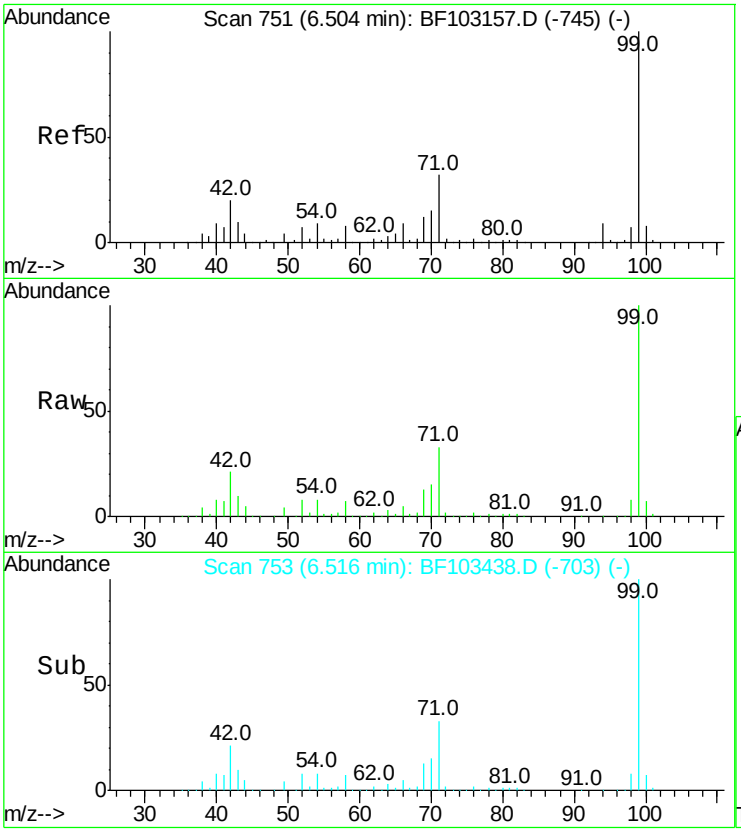


#5
2-Fluorophenol
Concen: 99.948 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:112 Resp: 779706

Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	33.7	23.7	35.5



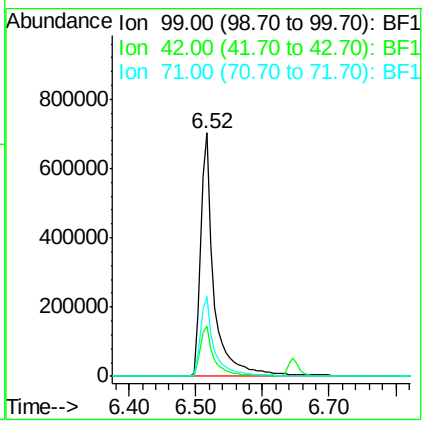


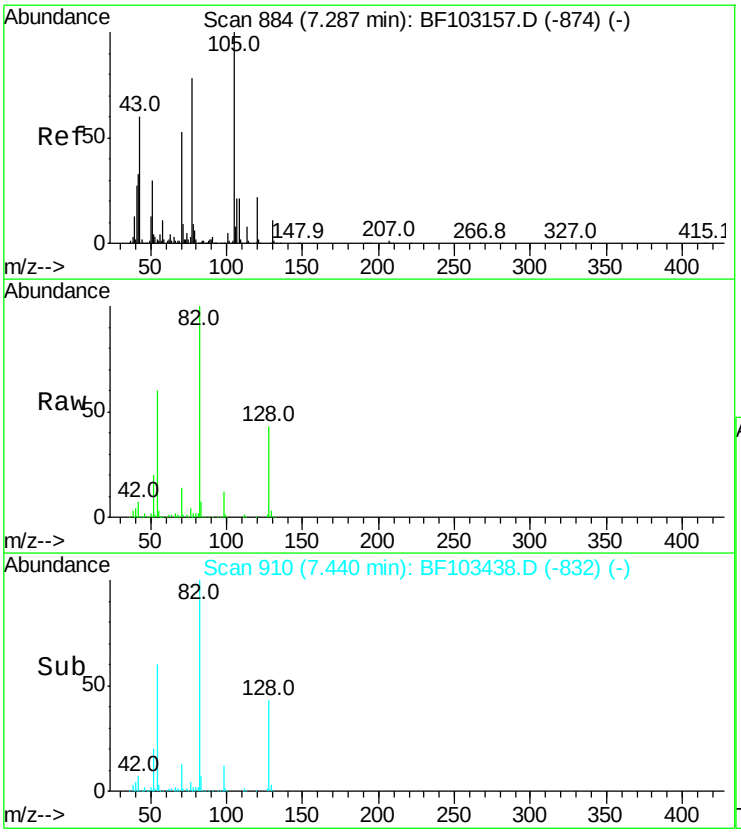
#7
Phenol-d6
Concen: 99.927 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 953887

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	32.8	25.4	38.0

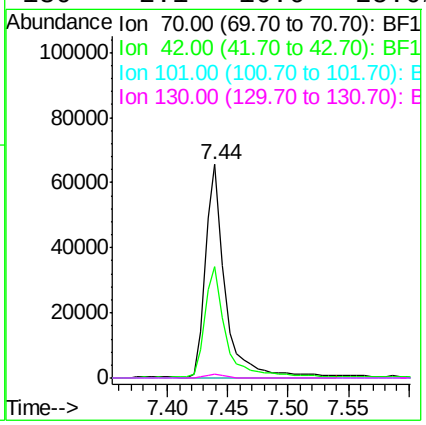


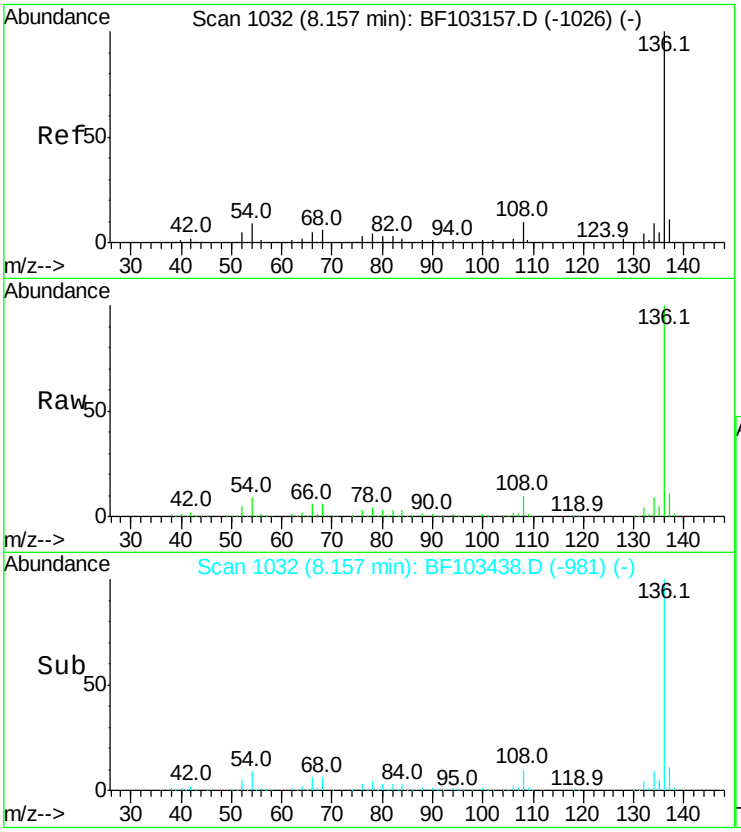


#19
n-Nitroso-di-n-propylamine
Concen: 12.647 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.16 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion: 70 Resp: 75138

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



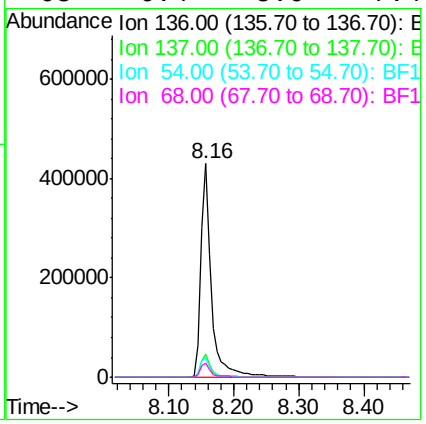


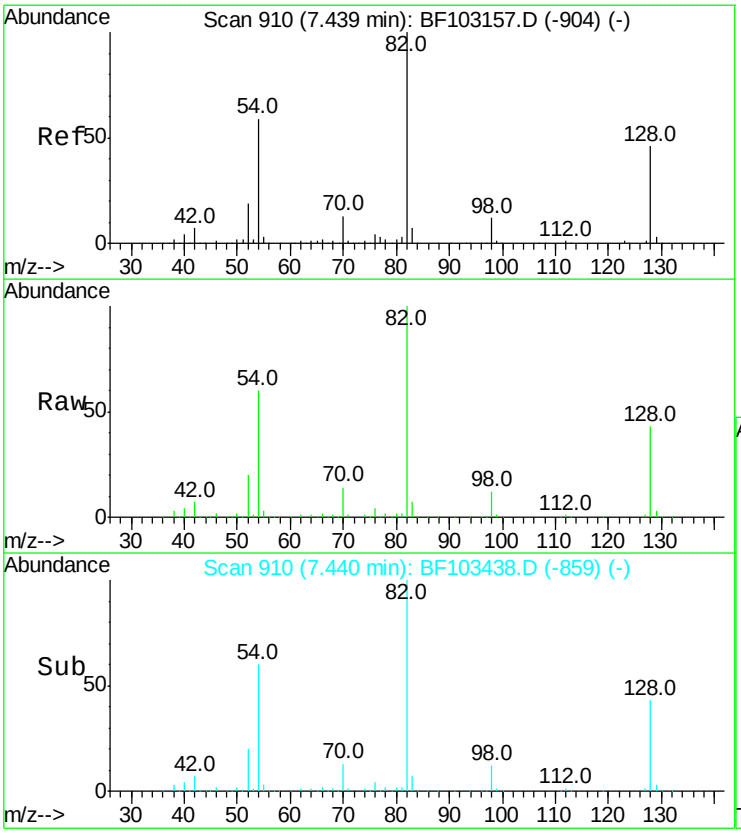
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 486413

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	6.4	5.0	7.4

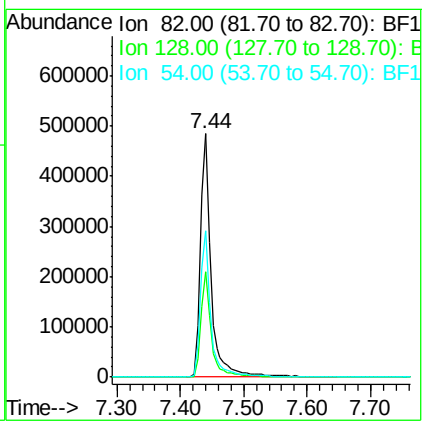


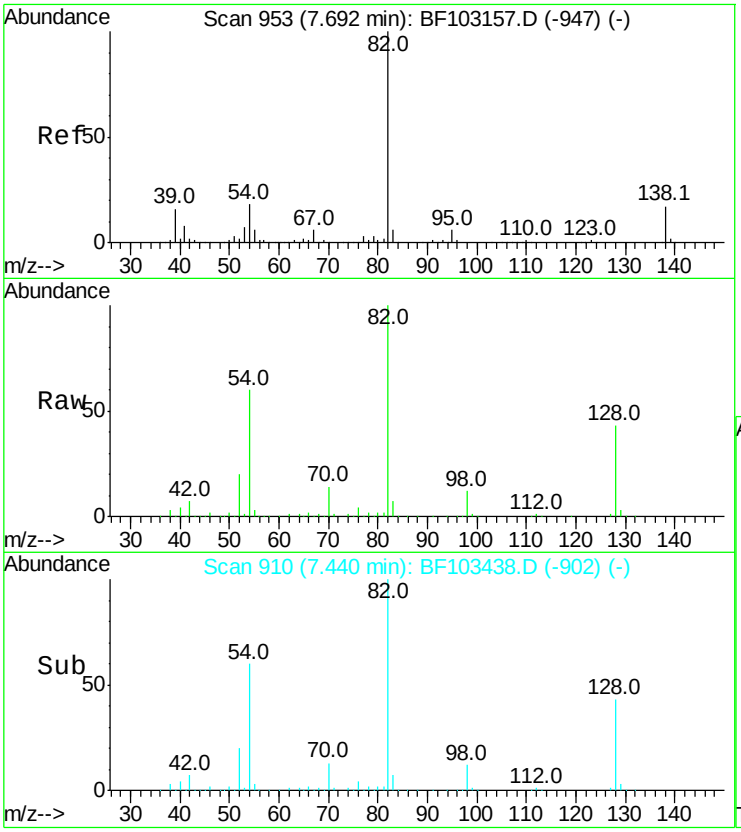


#23
Nitrobenzene-d5
Concen: 66.452 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion: 82 Resp: 565999

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	60.4	41.4	62.2



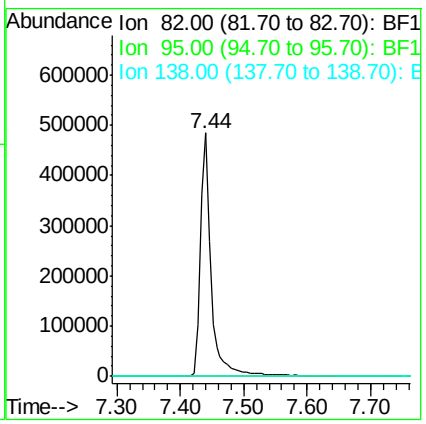


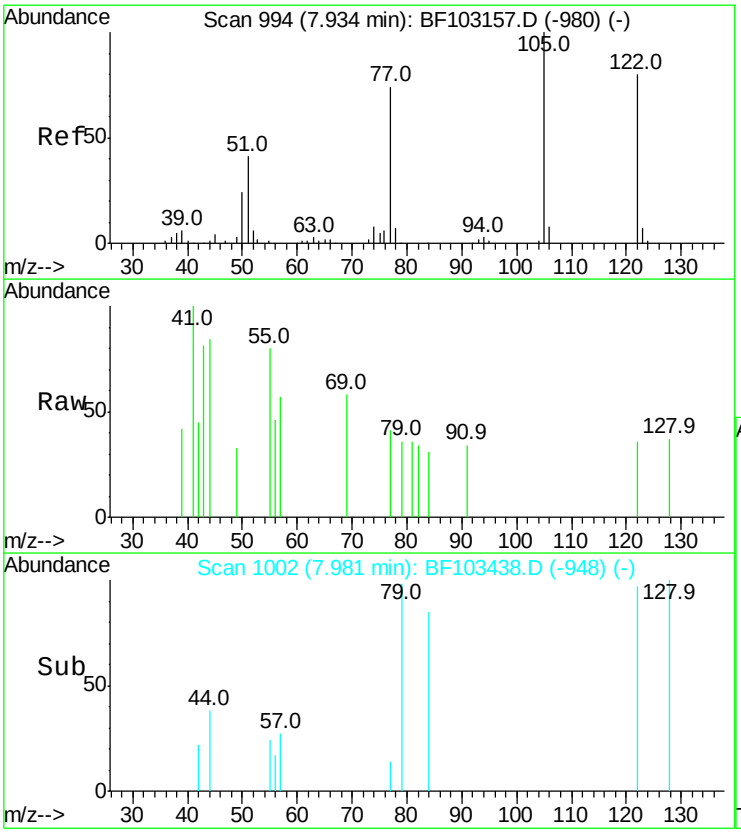
#25
Isophorone
Concen: 33.741 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 565999

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

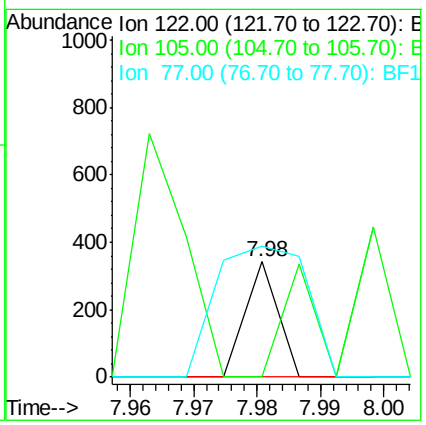


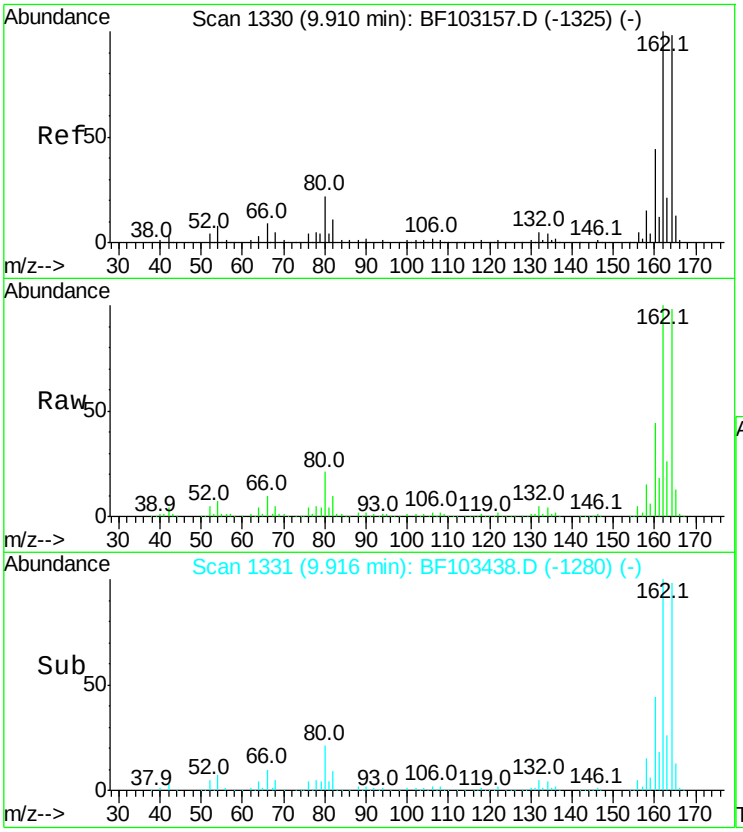


#32
Benzoic acid
Concen: 6.934 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:122 Resp: 121

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	113.7	70.7	110.7#



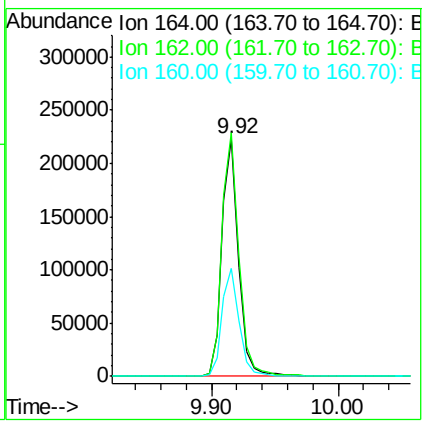


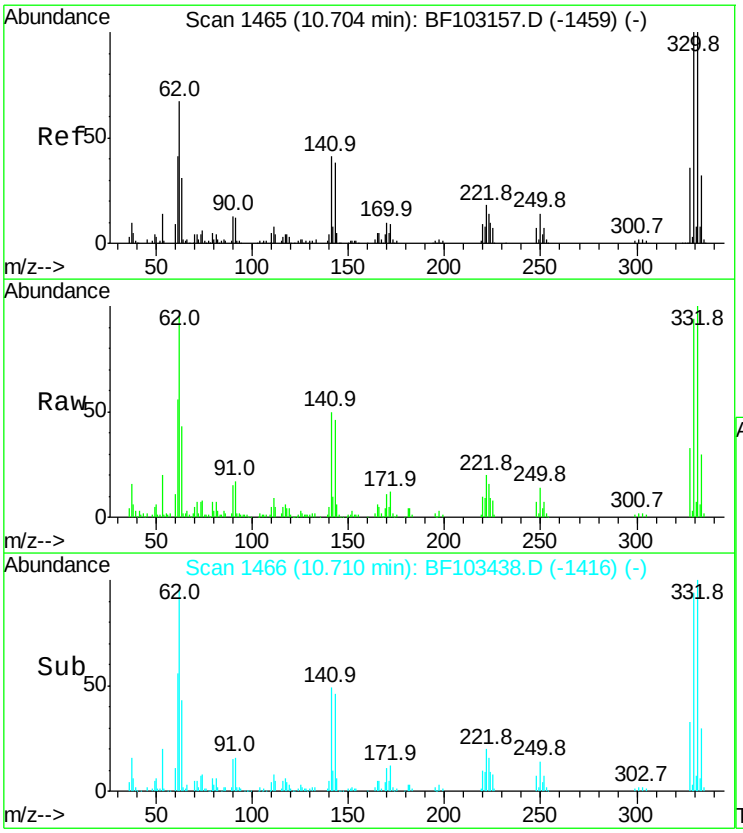
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 204254

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.5	38.3	57.5

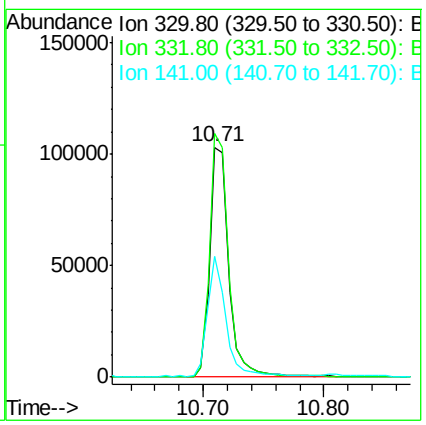


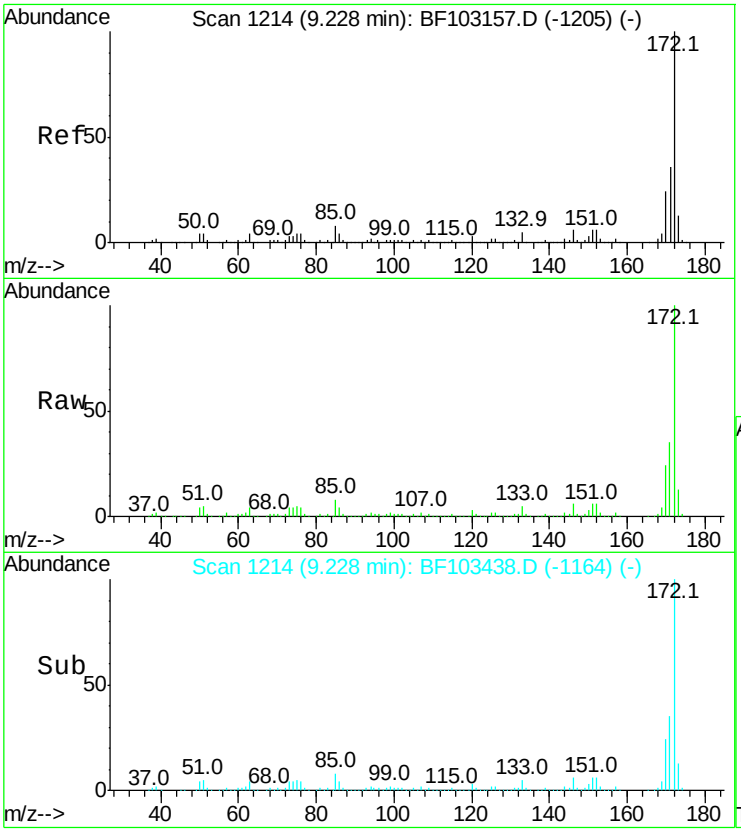


#41
2,4,6-Tribromophenol
Concen: 64.998 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:330 Resp: 112375

Ion	Ratio	Lower	Upper
330	100		
332	104.9	77.0	115.6
141	50.5	29.9	44.9#



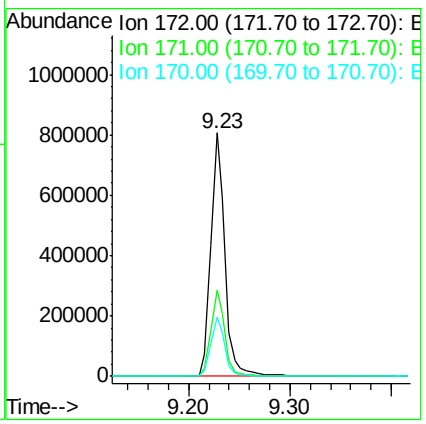


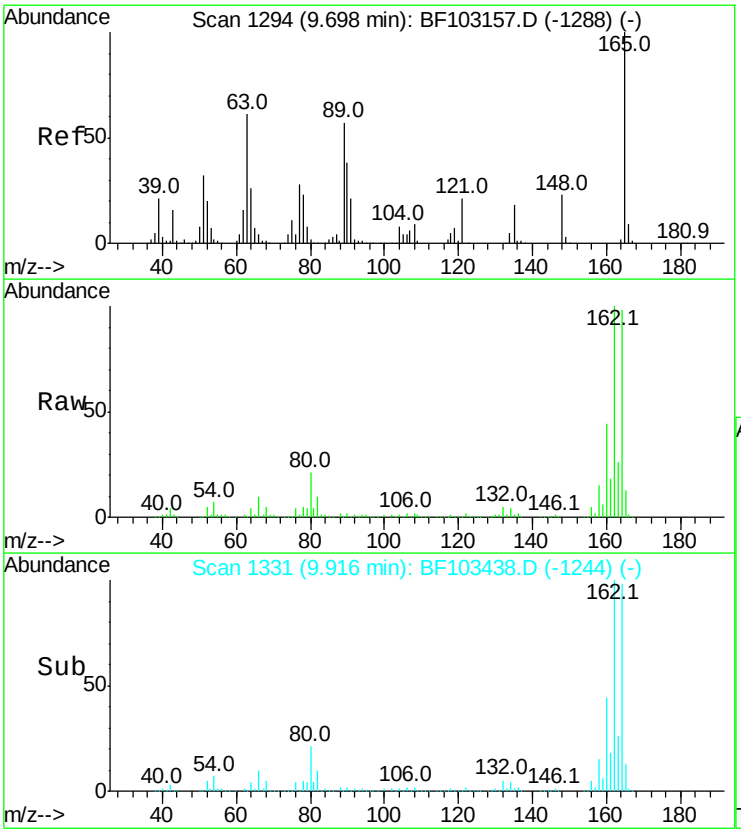
#44
2-Fluorobiphenyl
Concen: 61.499 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 779990

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.3	19.6	29.4

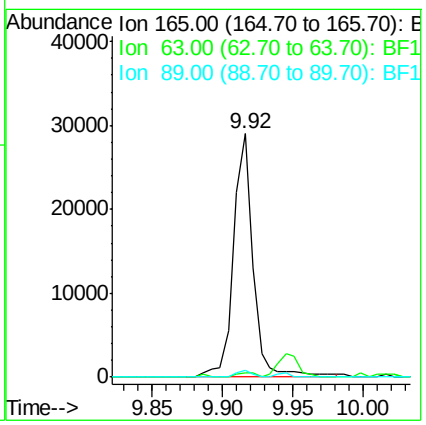


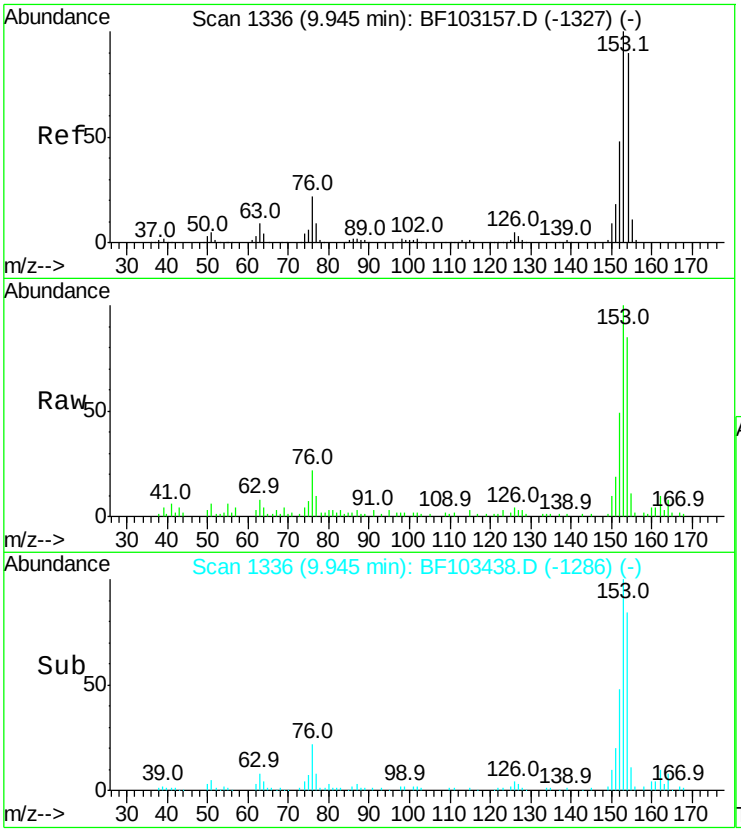


#50
2,6-Dinitrotoluene
Concen: 8.190 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:165 Resp: 28163

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	2.6	44.0	66.0#



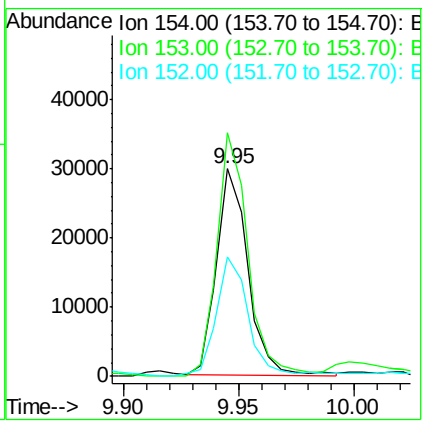


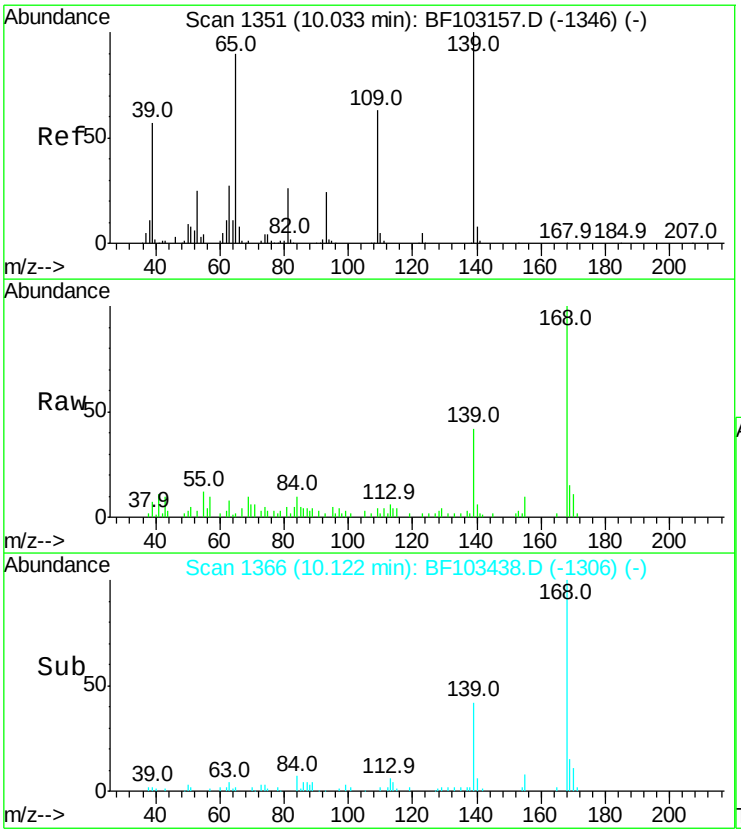
#51
Acenaphthene
Concen: 2.298 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 27917

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.2	136.8
152	57.4	43.8	65.8

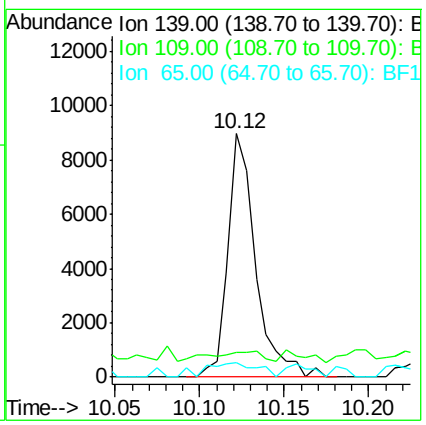


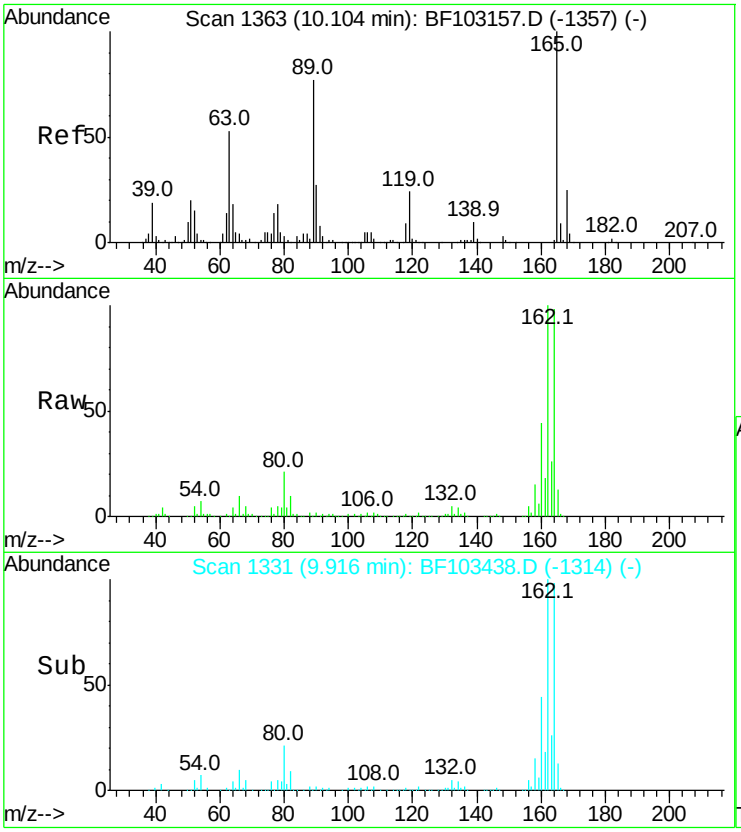


#55
4-Nitrophenol
Concen: 3.777 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:139 Resp: 10212

Ion	Ratio	Lower	Upper
139	100		
109	10.3	48.4	88.4#
65	6.0	72.6	112.6#



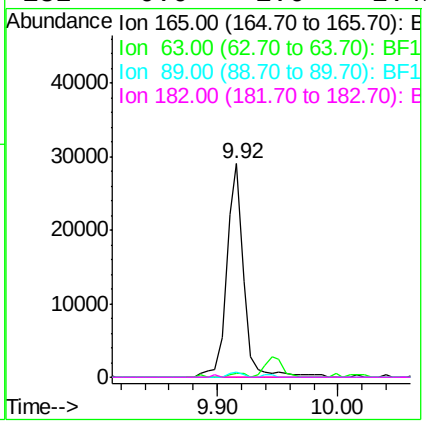


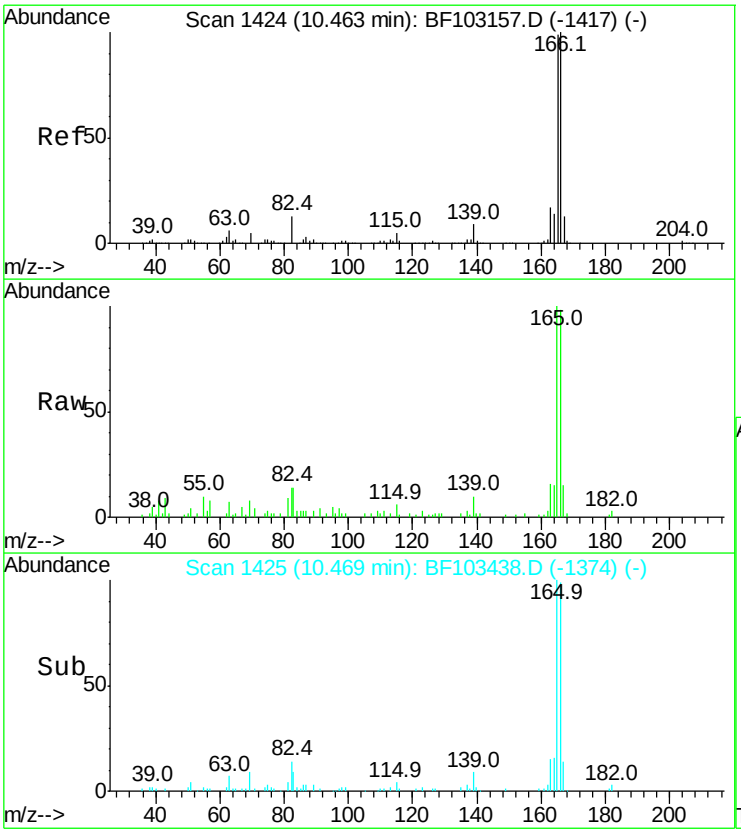
#56
2,4-Dinitrotoluene
Concen: 6.508 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.20 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28303

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.6	57.8	86.6#
182	0.0	1.6	2.4#

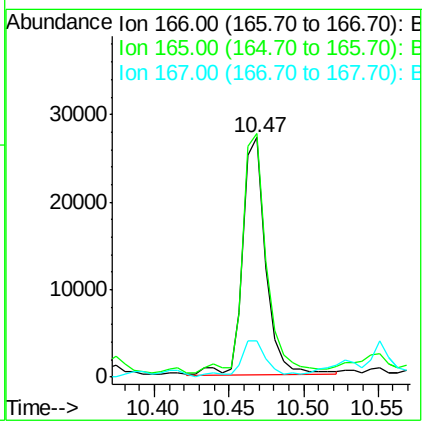


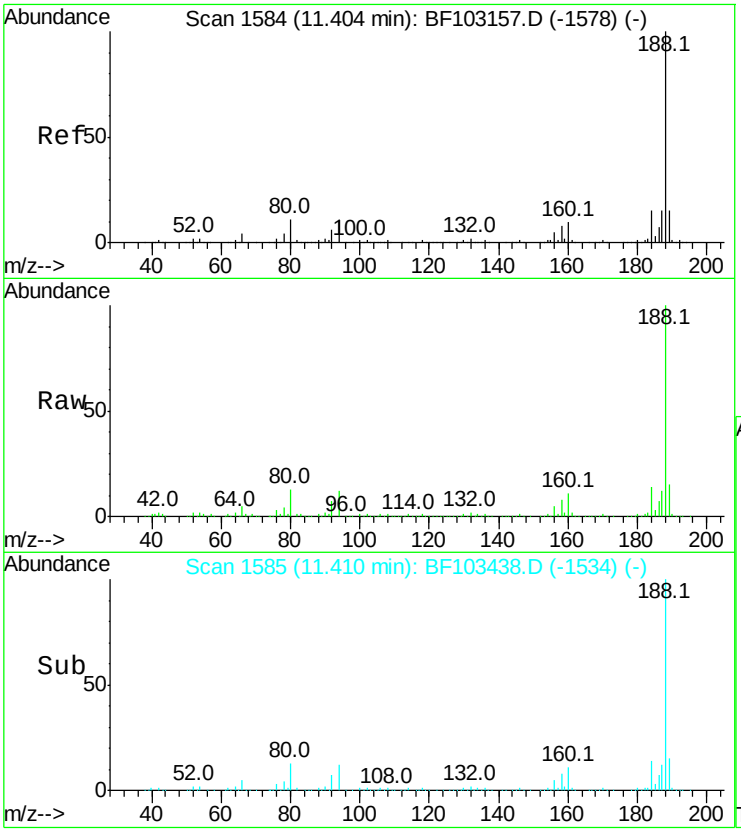


#57
Fluorene
Concen: 2.033 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:166 Resp: 28879

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	15.0	10.6	16.0



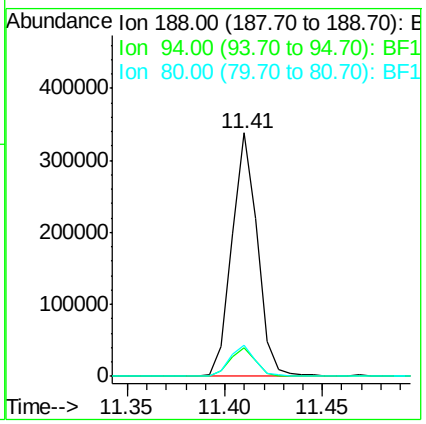


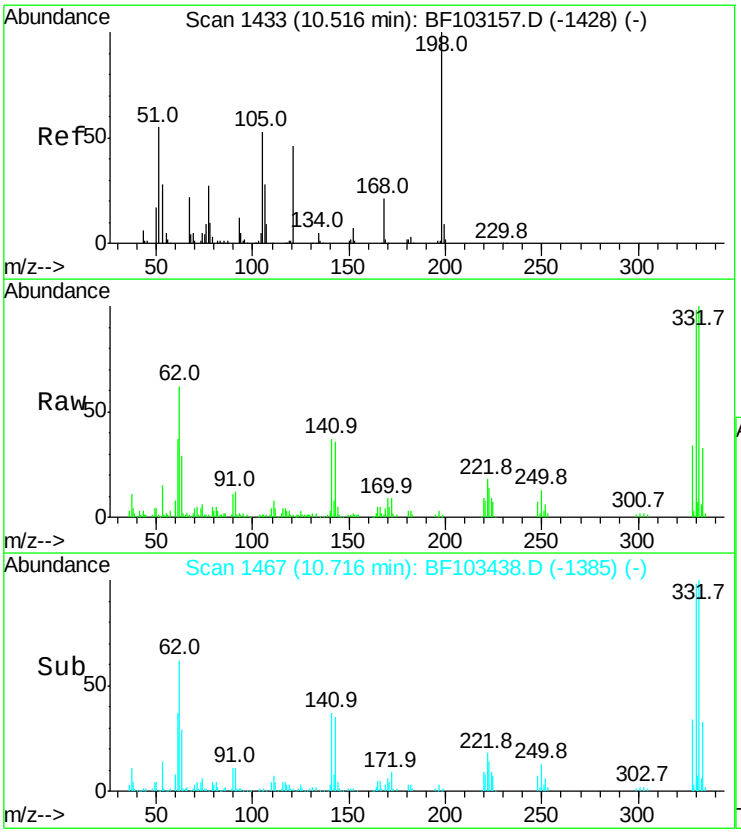
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 306426

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.8	9.2	13.8

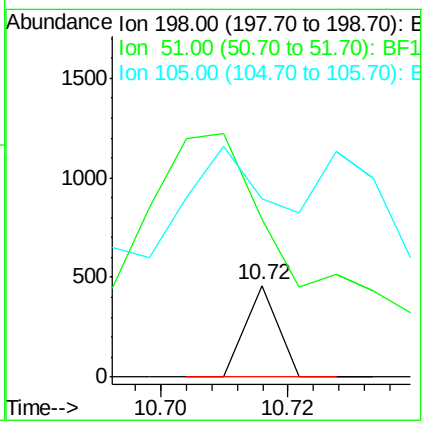


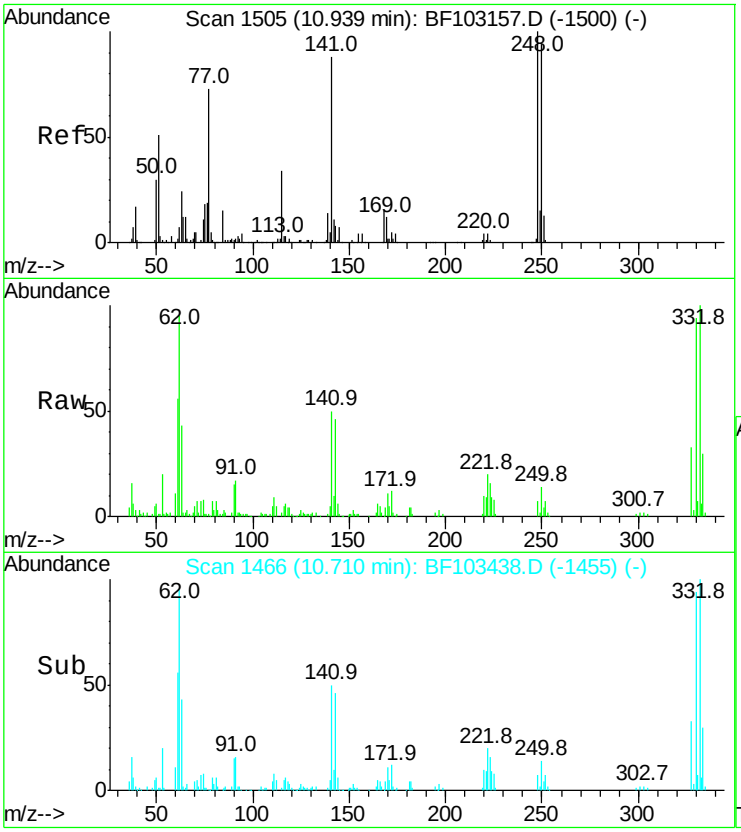


#64
4,6-Dinitro-2-methylphenol
Concen: 5.023 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:198 Resp: 162

Ion	Ratio	Lower	Upper
198	100		
51	44.8	37.7	77.7
105	50.4	36.3	76.3



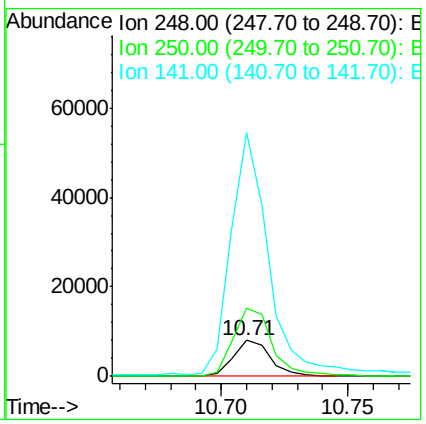


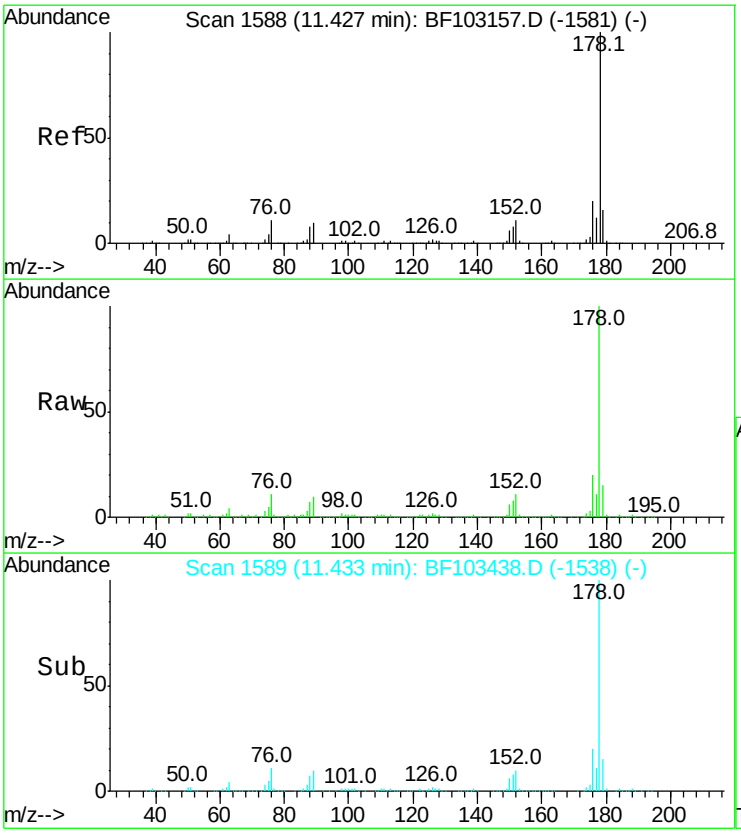
#66
4-Bromophenyl-phenylether
Concen: 2.552 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8146

Ion	Ratio	Lower	Upper
248	100		
250	189.4	76.9	115.3#
141	676.9	74.4	111.6#

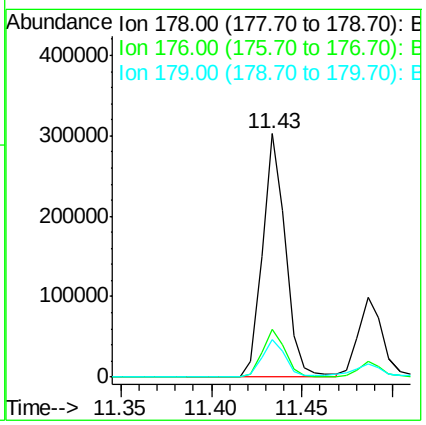


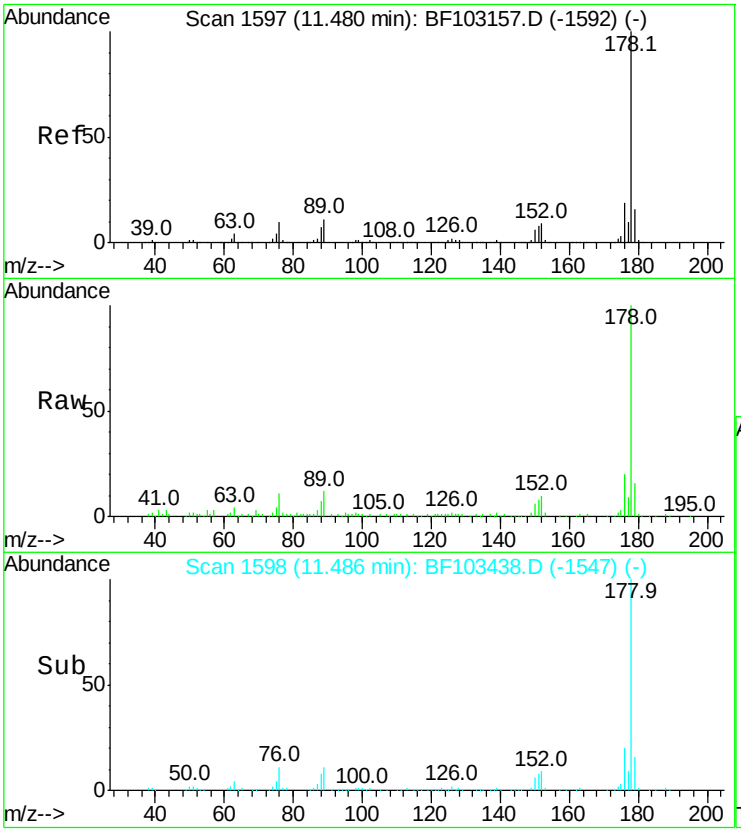


#70
Phenanthrene
Concen: 15.870 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:178 Resp: 267617

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6



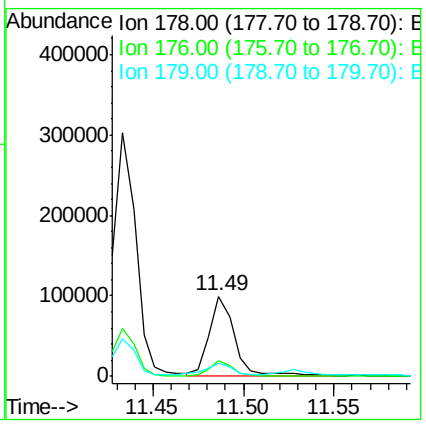


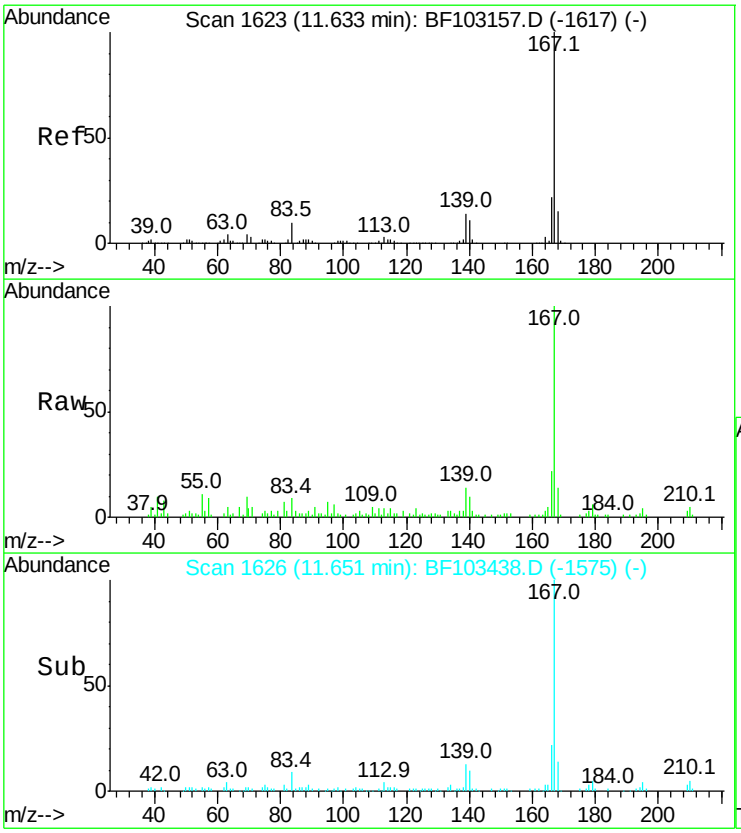
#71
Anthracene
Concen: 5.455 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 94329

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.3	12.6	19.0

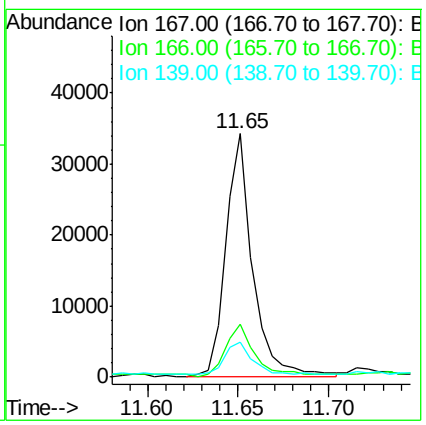


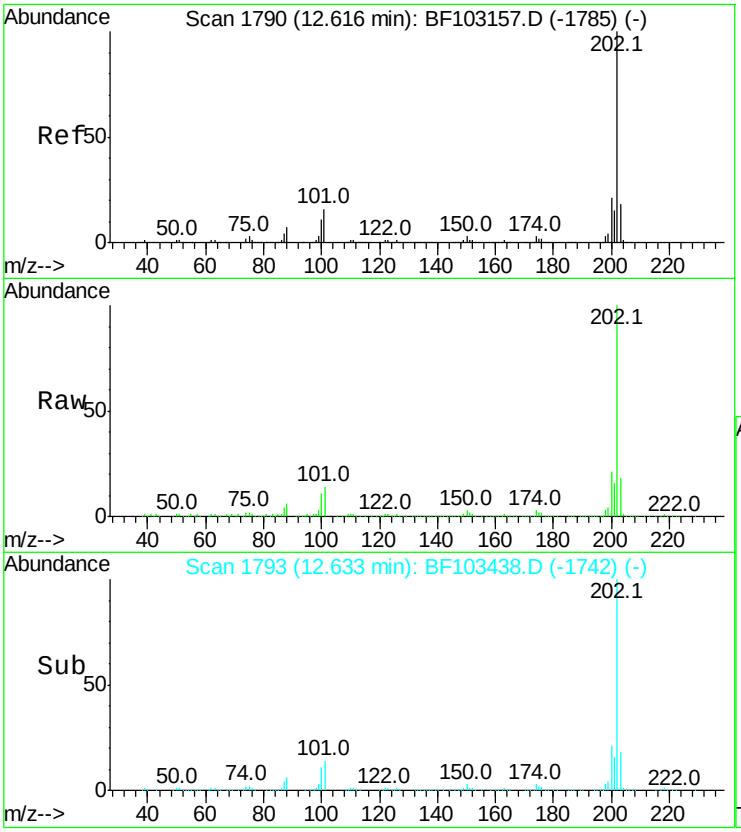


#72
Carbazole
Concen: 2.070 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:167 Resp: 35651

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	14.1	10.9	16.3



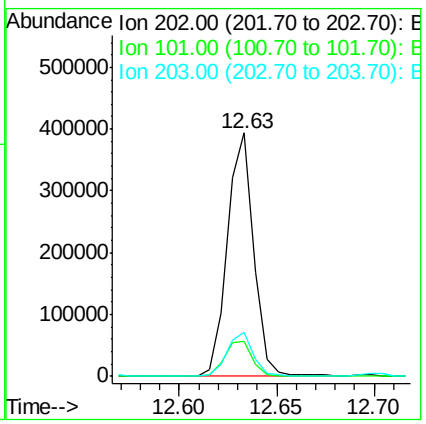


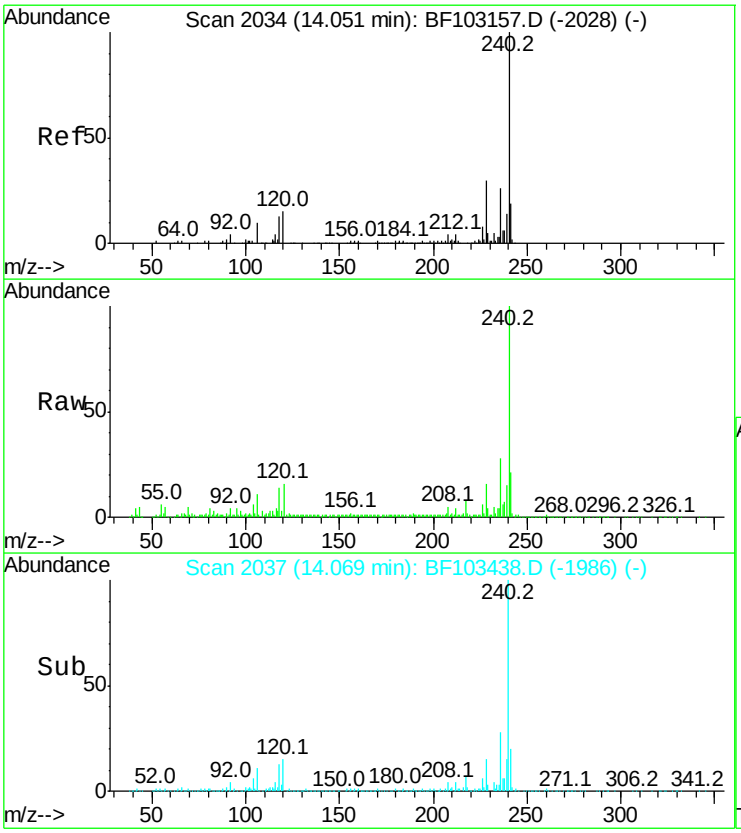
#74
Fluoranthene
Concen: 21.661 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 367060

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.8	0.0	38.1

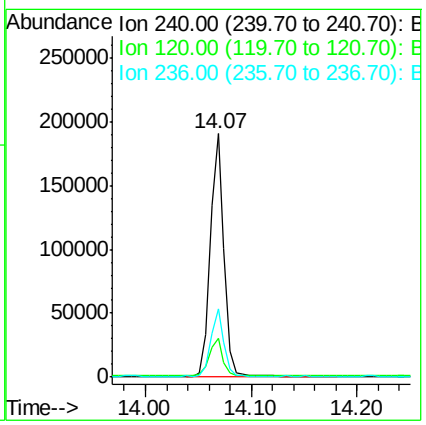


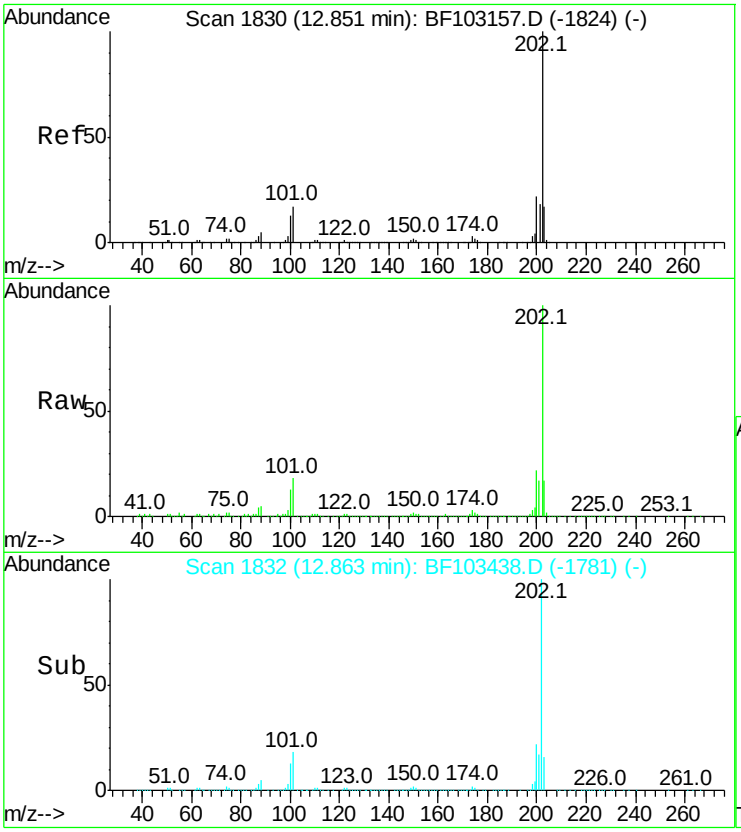


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:240 Resp: 173045

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	27.8	20.7	31.1



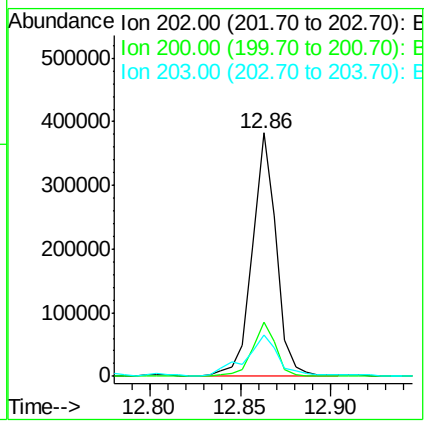


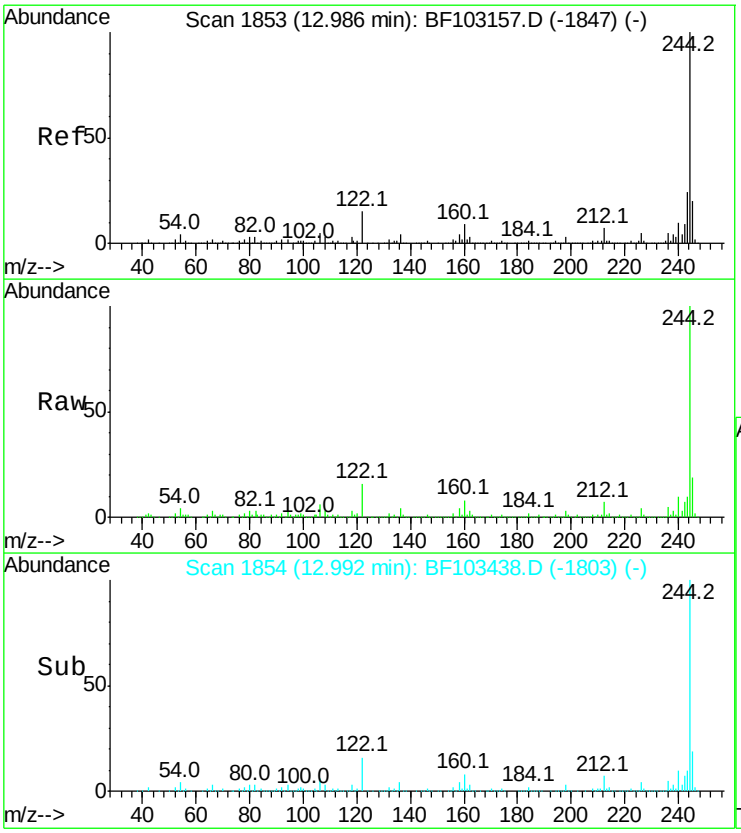
#77
Pyrene
Concen: 25.842 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 348649

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.0	14.3	21.5

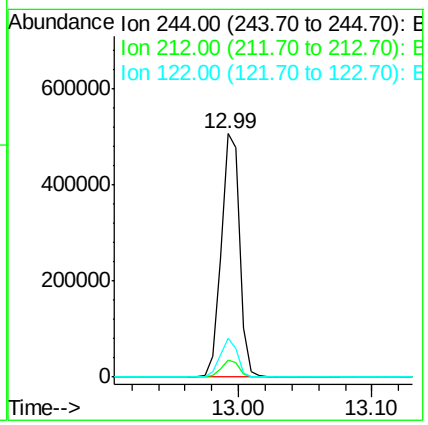


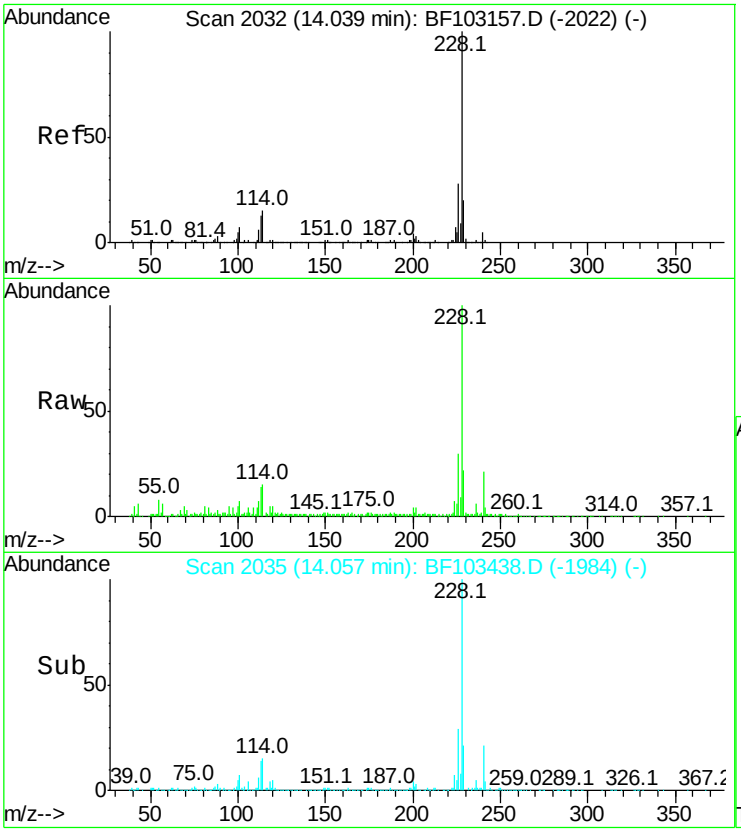


#78
Terphenyl-d14
Concen: 68.712 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:244 Resp: 494631

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	16.2	11.0	16.4



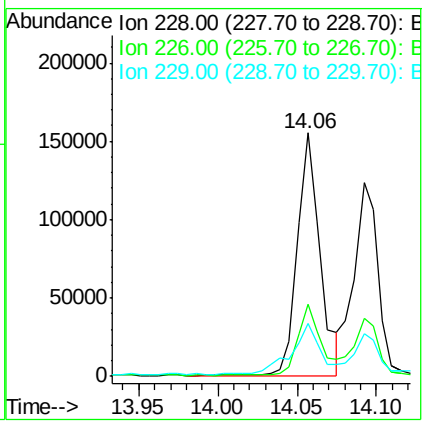


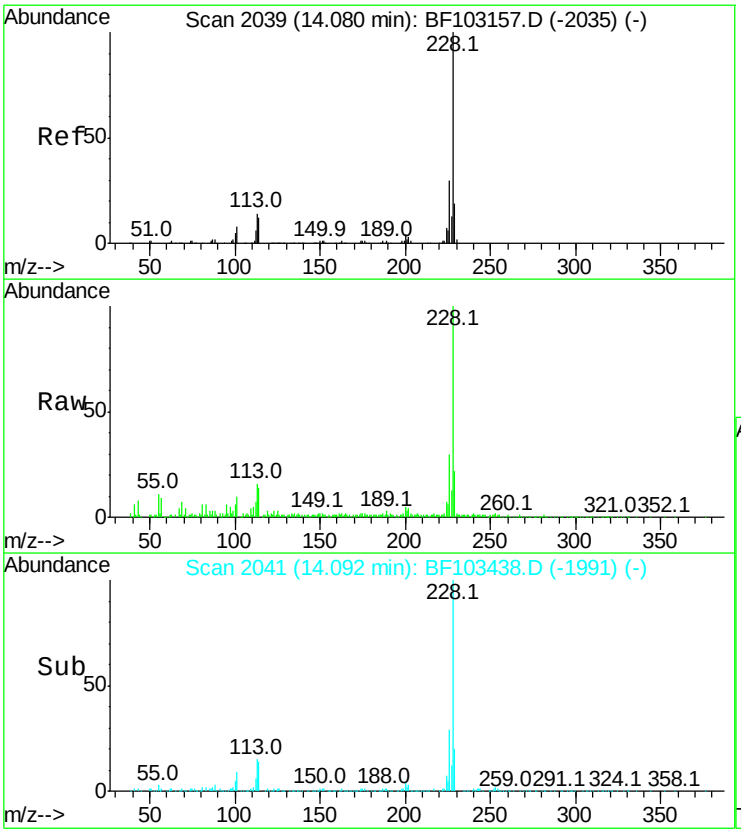
#80
Benzo(a)anthracene
Concen: 13.749 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 154371

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.7	15.8	23.6

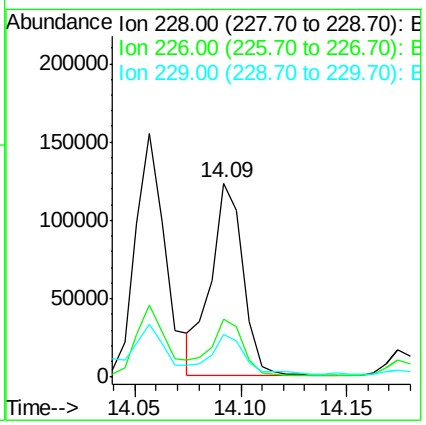


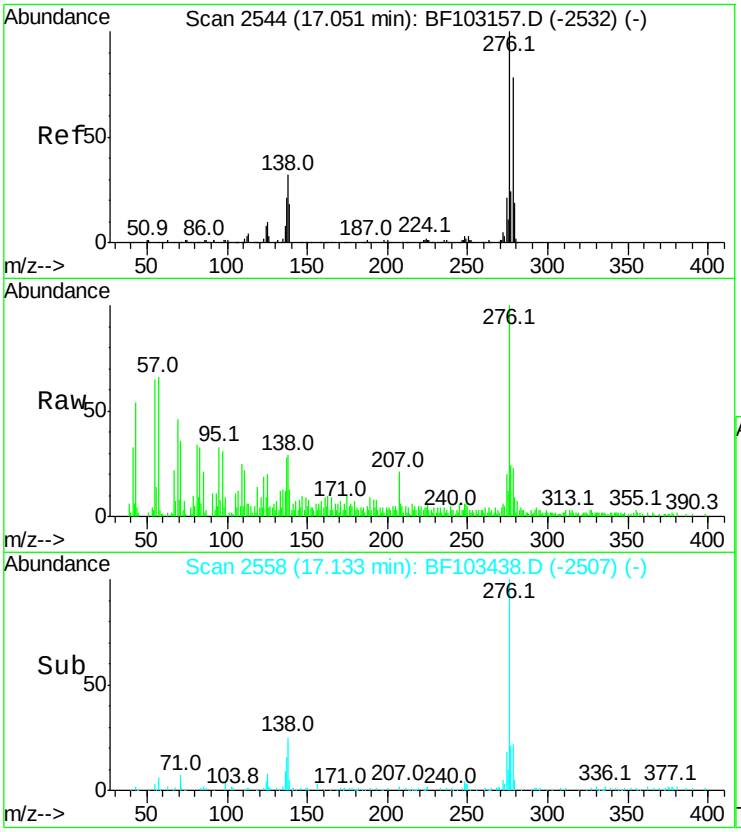


#82
Chrysene
Concen: 11.963 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:228 Resp: 130420

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.9	16.2	24.4



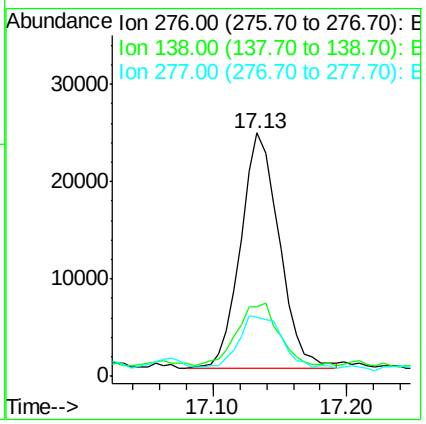


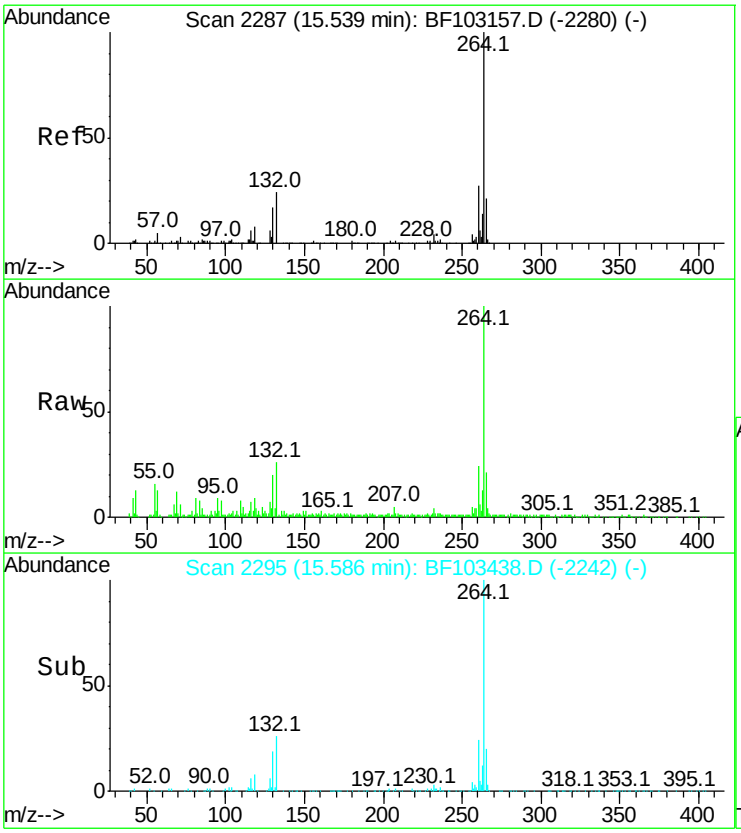
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.565 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 48029

Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	26.2	20.1	30.1

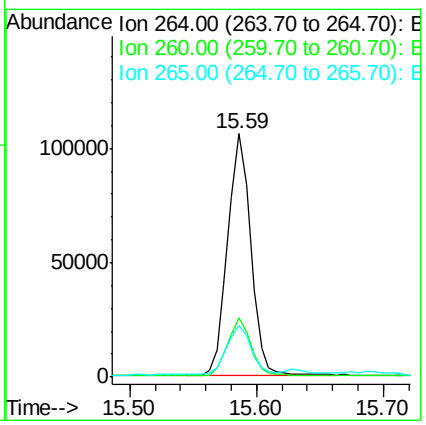


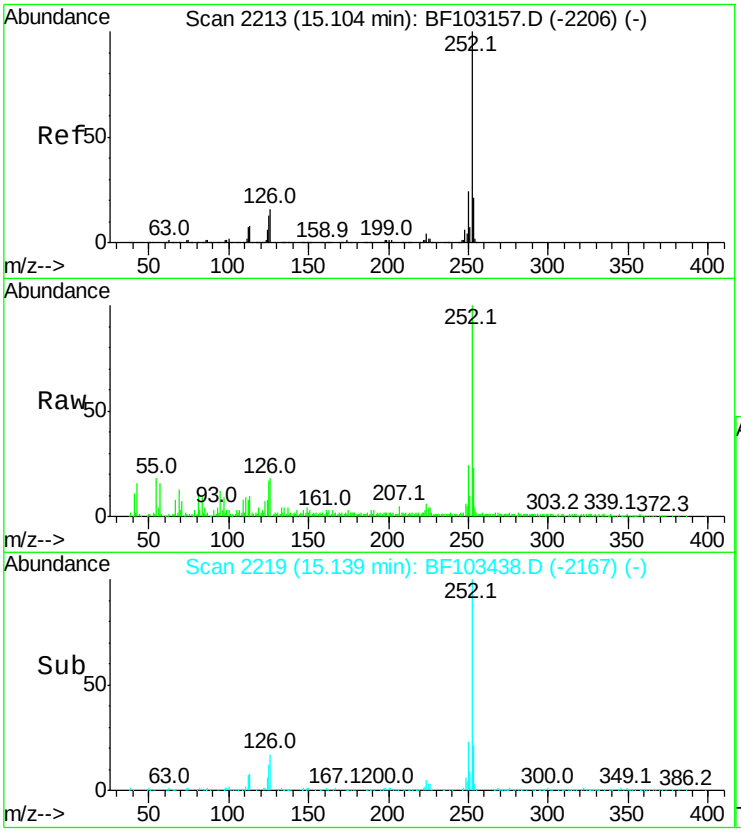


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:264 Resp: 134442

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.2	17.5	26.3



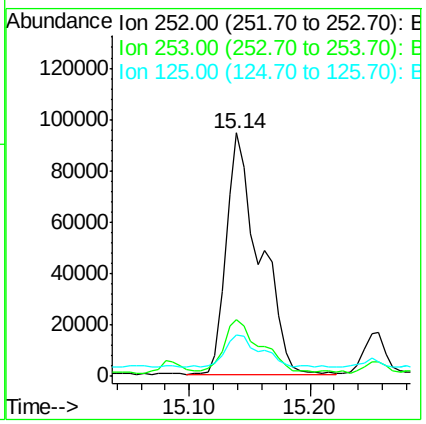


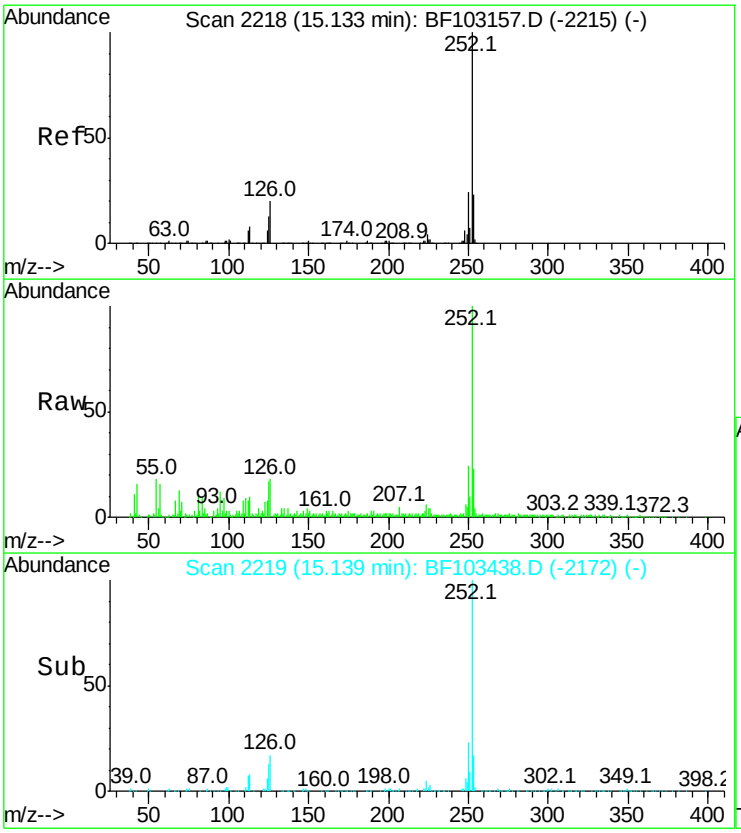
#87
Benzo(b)fluoranthene
Concen: 20.518 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 181365

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	16.8	9.0	13.6#

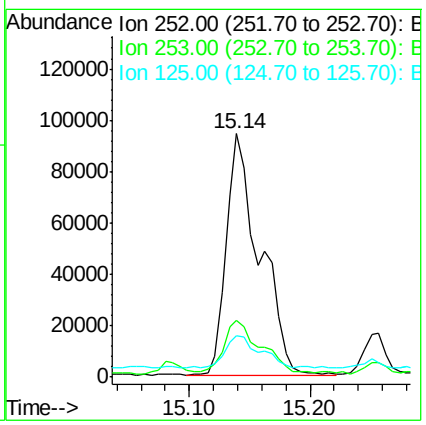


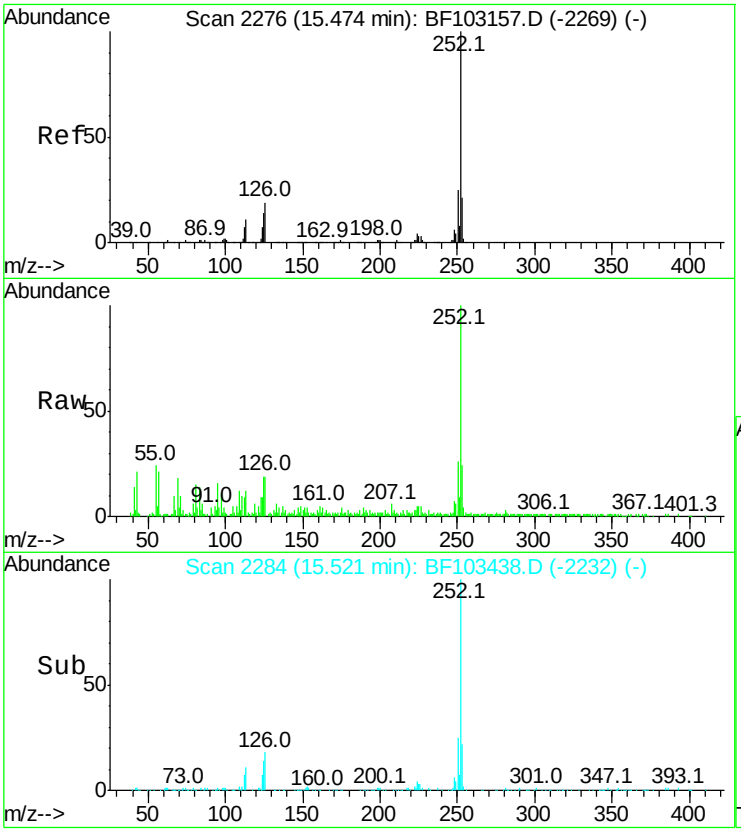


#88
Benzo(k)fluoranthene
Concen: 21.789 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:252 Resp: 181365

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	16.8	10.2	15.2#



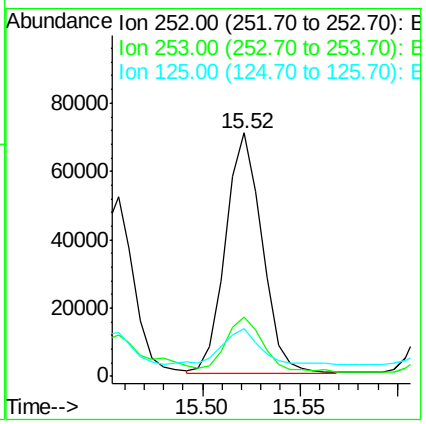


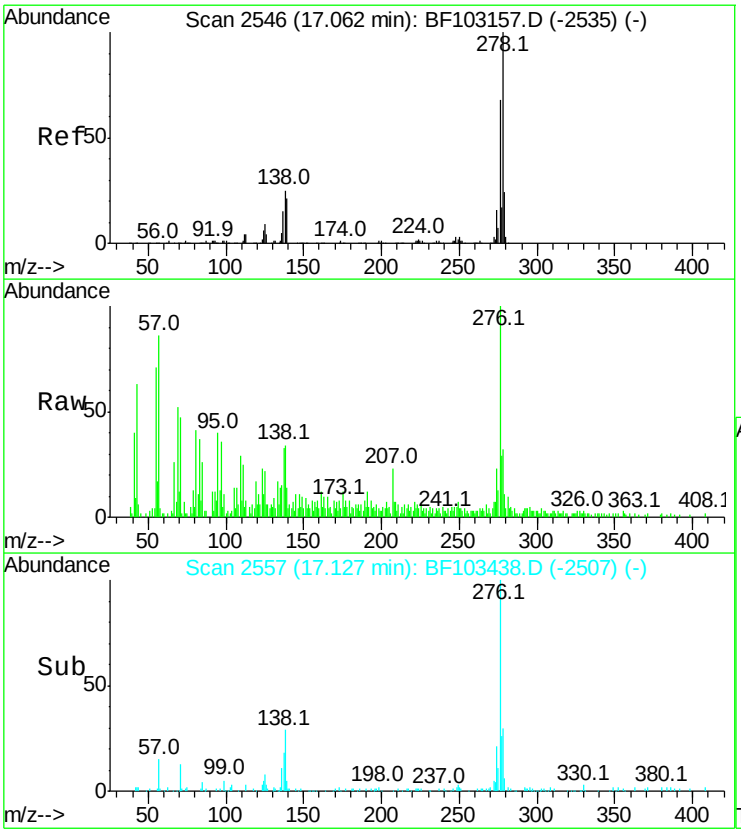
#89
Benzo(a)pyrene
Concen: 11.580 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91407

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	19.4	9.8	14.6#

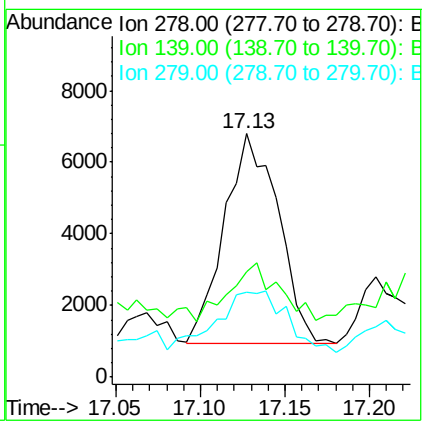


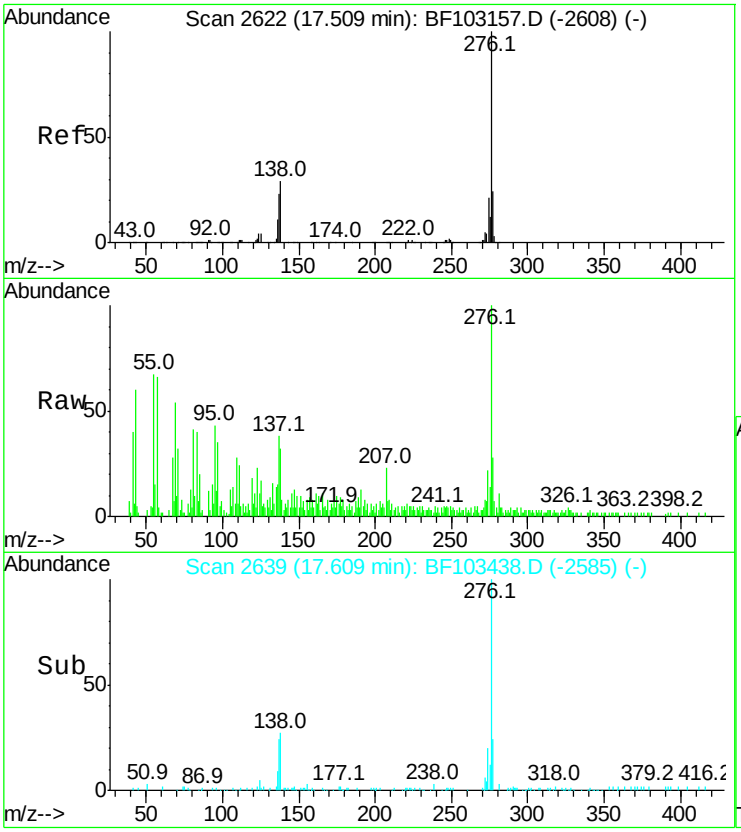


#90
Dibenzo(a,h)anthracene
Concen: 2.133 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Tgt Ion:278 Resp: 13012

Ion	Ratio	Lower	Upper
278	100		
139	43.3	15.9	23.9#
279	35.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 7.876 ng
RT: 17.61 min Scan# 2639
Delta R.T. 0.02 min
Lab File: BF103438.D
Acq: 6 Mar 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 46950

Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	32.1	21.8	32.8