Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103237.D
Acq On : 27 Feb 2018 00:10
Operator : SJ/JU
Sample : J1691-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 27 02:27:05 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	142298	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	579160	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	230228	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	354616	20.00	ng		0.00
75) Chrysene-d12	14.06	240	190016	20.00	ng		0.01
86) Perylene-d12	15.56	264	161011	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	207892	22.10	ng		0.00
7) Phenol-d6	6.50	99	247517	21.50	ng		0.00
23) Nitrobenzene-d5	7.43	82	131012	12.92	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	34384	17.64	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	255333	14.10	ng		0.00
78) Terphenyl-d14	12.99	244	180582	22.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	988	Below Cal		#	84
25) Isophorone	7.43	82	131028	6.56	ng	#	64
31) Naphthalene	8.18	128	141058	4.97	ng		97
32) Benzoic acid	7.97	122	242	6.95	ng		93
37) 2-Methylnaphthalene	8.87	142	139316	7.60	ng		100
45) 1,1'-Biphenyl	9.33	154	41509	2.15	ng		96
48) Acenaphthylene	9.77	152	140897	6.00	ng		98
50) 2,6-Dinitrotoluene	9.92	165	38193	9.85	ng	#	26
51) Acenaphthene	9.95	154	255064	18.63	ng		99
54) Dibenzofuran	10.12	168	331396	17.63	ng		98
55) 4-Nitrophenol	10.12	139	129169	42.38	ng	#	10
57) Fluorene	10.47	166	474930	29.66	ng		99
64) 4,6-Dinitro-2-methylphenol	10.73	198	121	5.00	ng	#	1
70) Phenanthrene	11.45	178	2453541	125.72	ng		99
71) Anthracene	11.49	178	1095672	54.75	ng		100
72) Carbazole	11.64	167	178509	8.96	ng		99
74) Fluoranthene	12.64	202	2605432	132.86	ng		98
77) Pyrene	12.87	202	2239595	151.17	ng		98
80) Benzo(a)anthracene	14.06	228	1164954	94.49	ng		97
82) Chrysene	14.09	228	1017047	84.96	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	445496	47.01	ng		96
87) Benzo(b)fluoranthene	15.13	252	1439566	135.98	ng	#	94
88) Benzo(k)fluoranthene	15.13	252	1439566	144.41	ng		97
89) Benzo(a)pyrene	15.50	252	733378	77.58	ng	#	95
90) Dibenzo(a,h)anthracene	17.26	278	107876	14.77	ng		92
91) Benzo(g,h,i)perylene	17.56	276	424827	59.50	ng		94

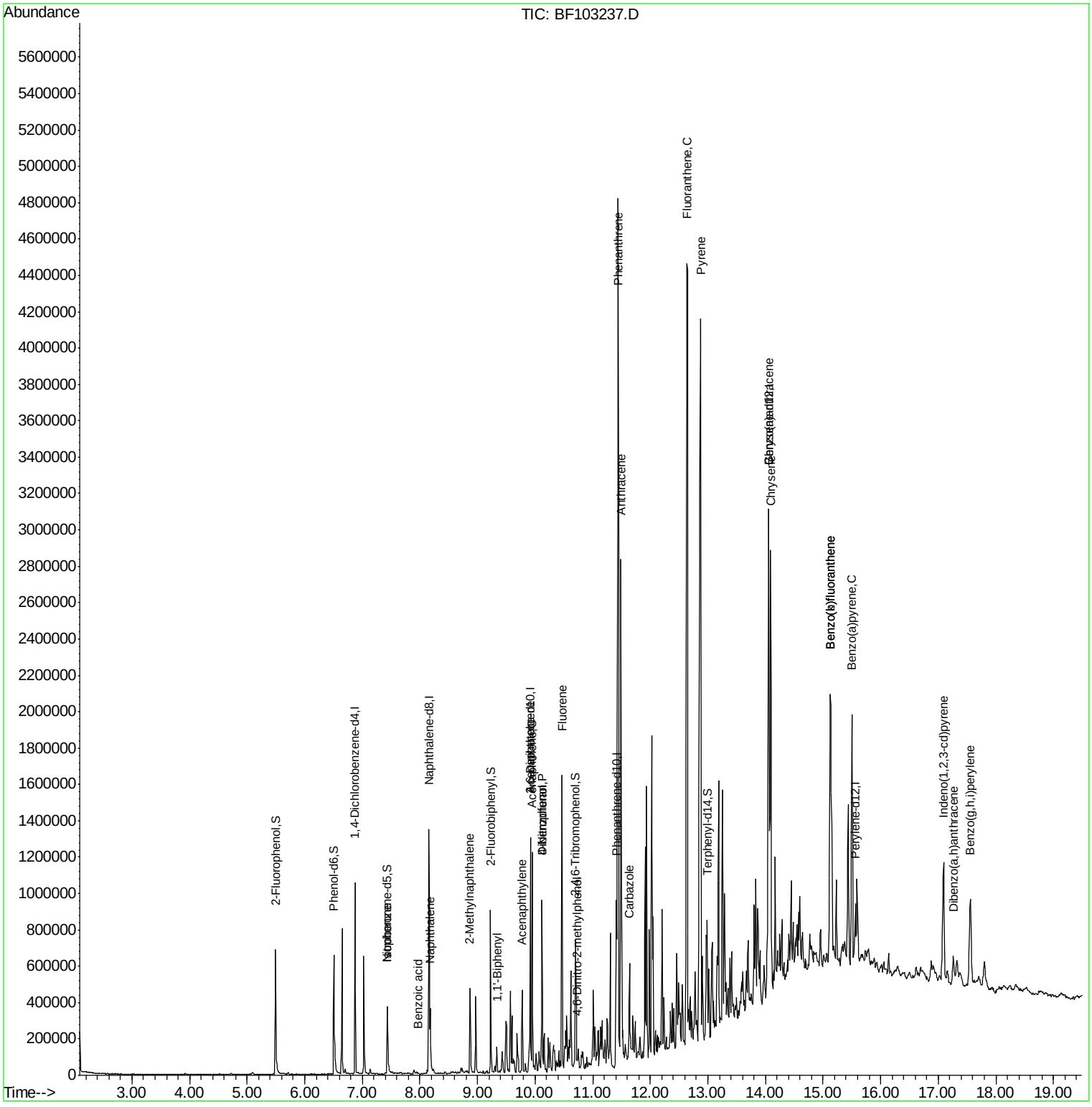
(#) = qualifier out of range (m) = manual integration (+) = signals summed

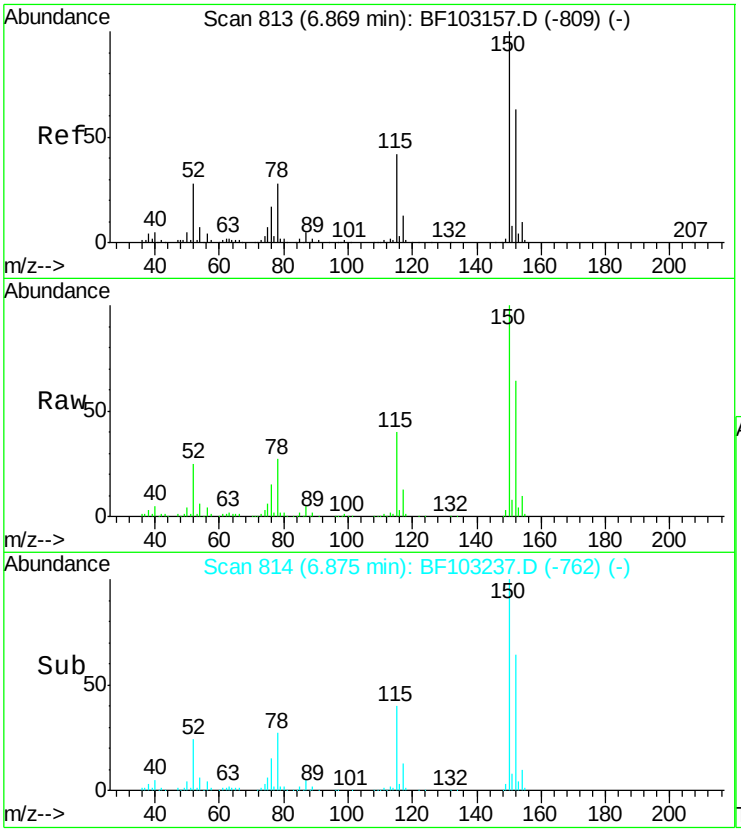
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103237.D
Acq On : 27 Feb 2018 00:10
Operator : SJ/JU
Sample : J1691-17 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 27 02:27:05 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



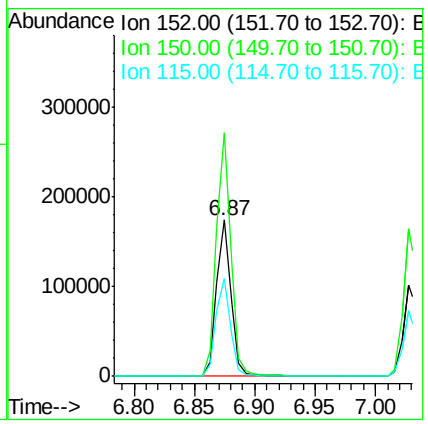


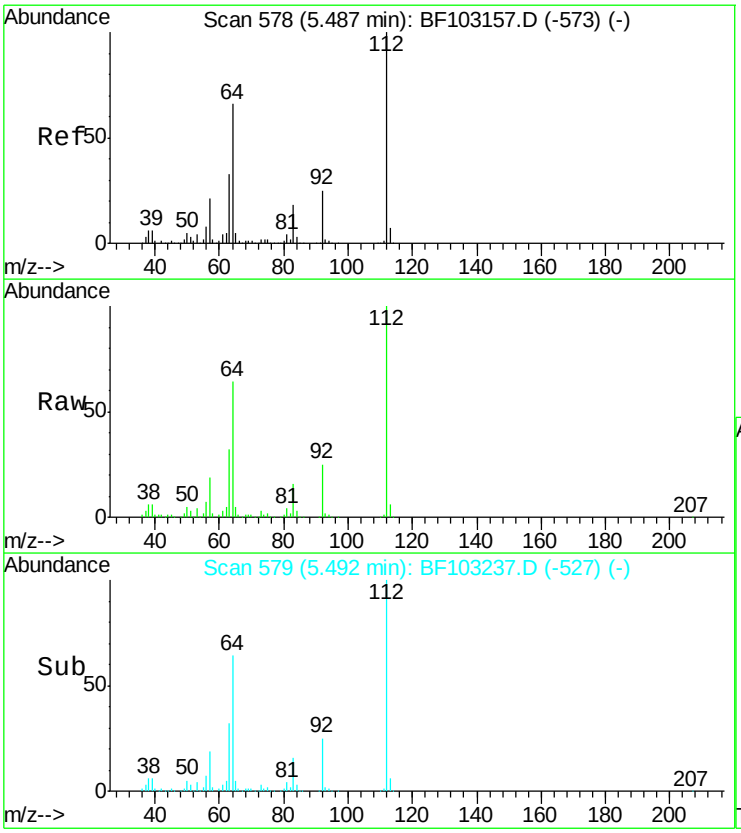
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 142298

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	62.3	50.1	75.1

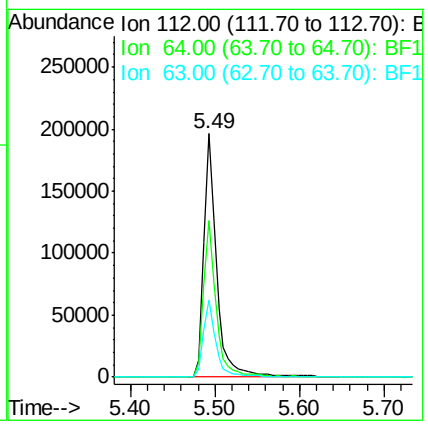


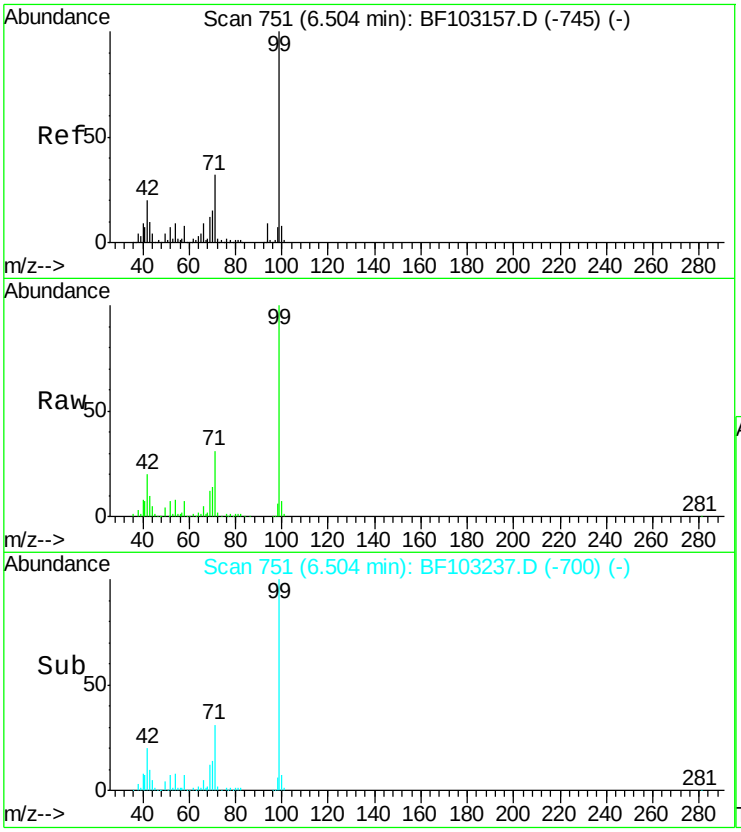


#5
2-Fluorophenol
Concen: 22.10 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:112 Resp: 207892

Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	31.8	23.7	35.5



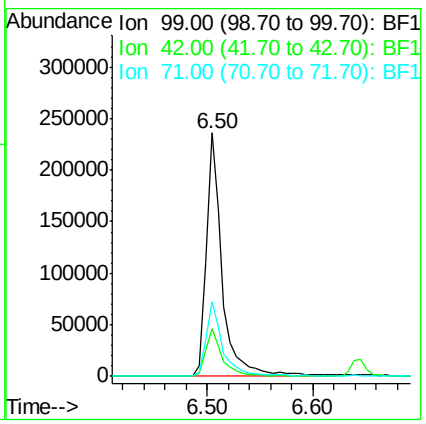


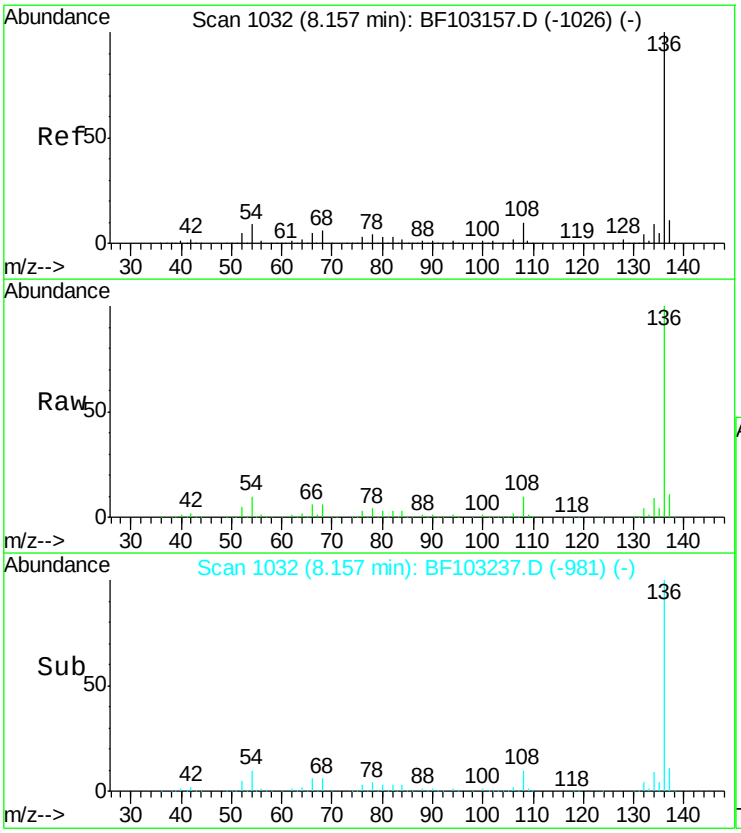
#7
Phenol-d6
Concen: 21.50 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 247517

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	30.6	25.4	38.0

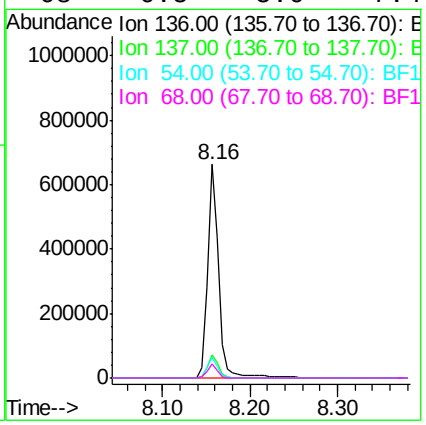


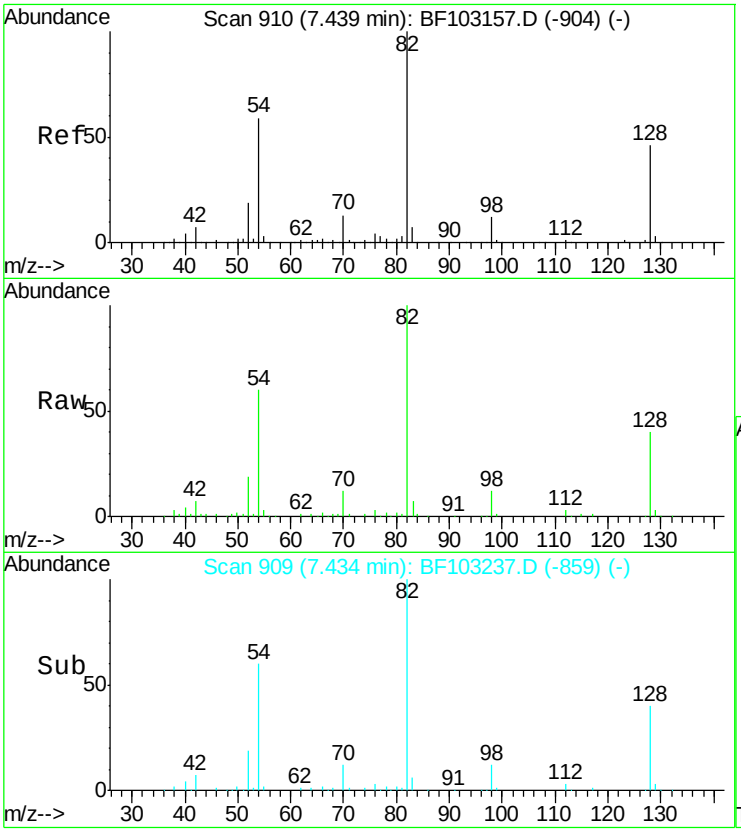


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:136 Resp: 579160

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.6	6.6	9.8
68	6.5	5.0	7.4



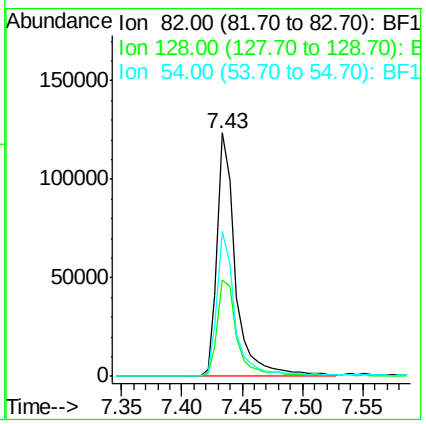


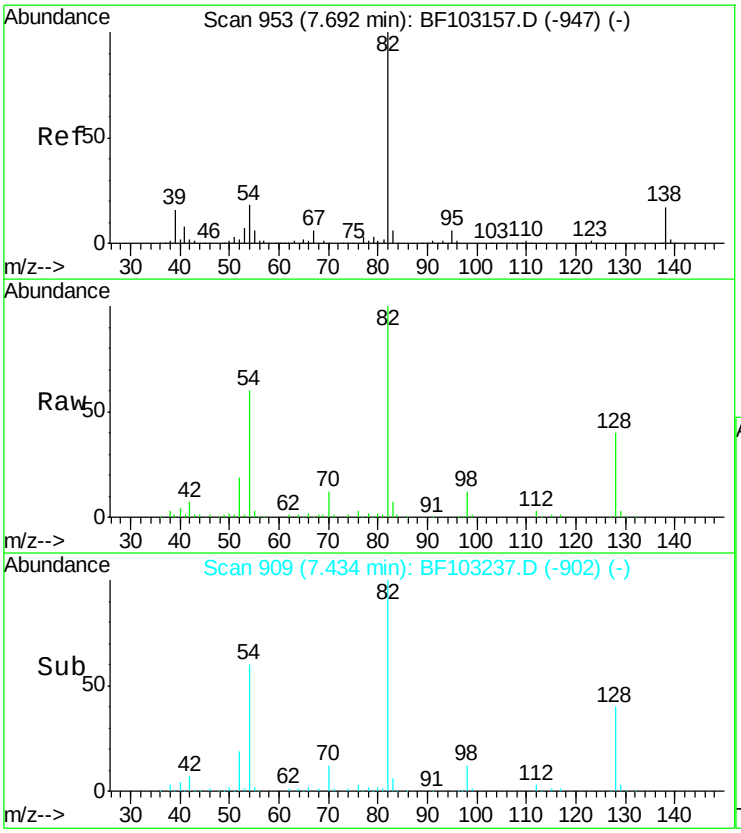
#23
Nitrobenzene-d5
Concen: 12.92 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 131012

Ion	Ratio	Lower	Upper
82	100		
128	39.6	36.1	54.1
54	59.7	41.4	62.2

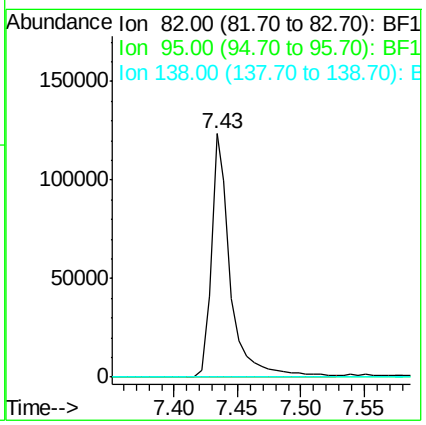


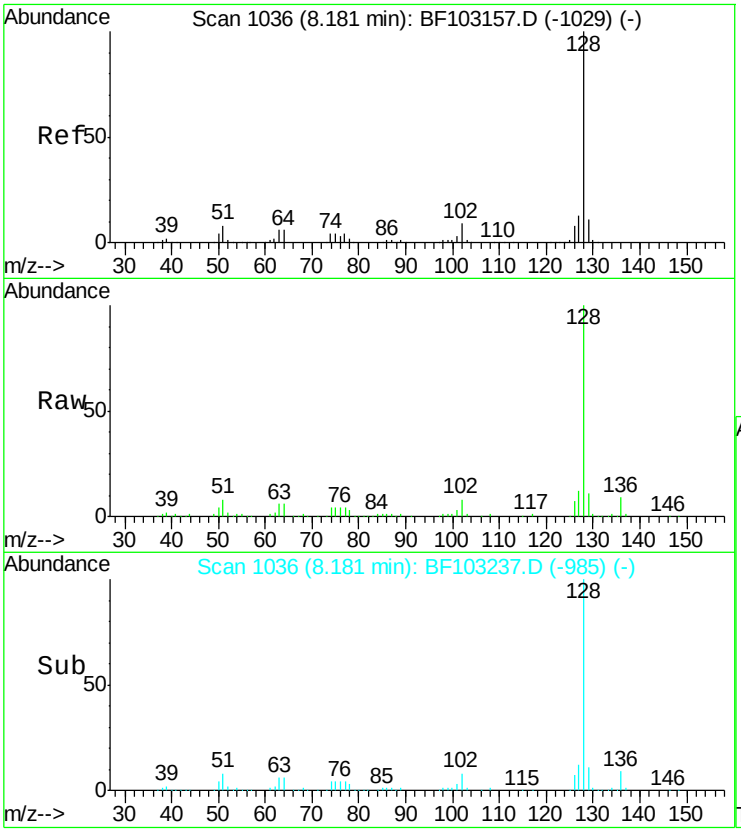


#25
Isophorone
Concen: 6.56 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion: 82 Resp: 131028

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



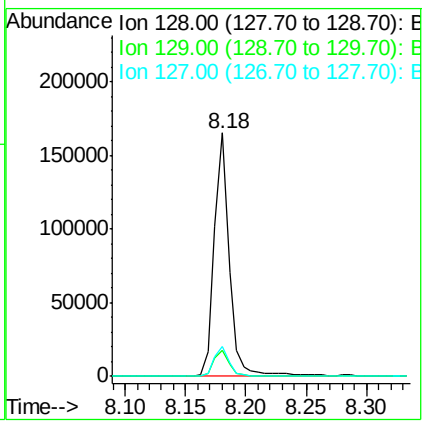


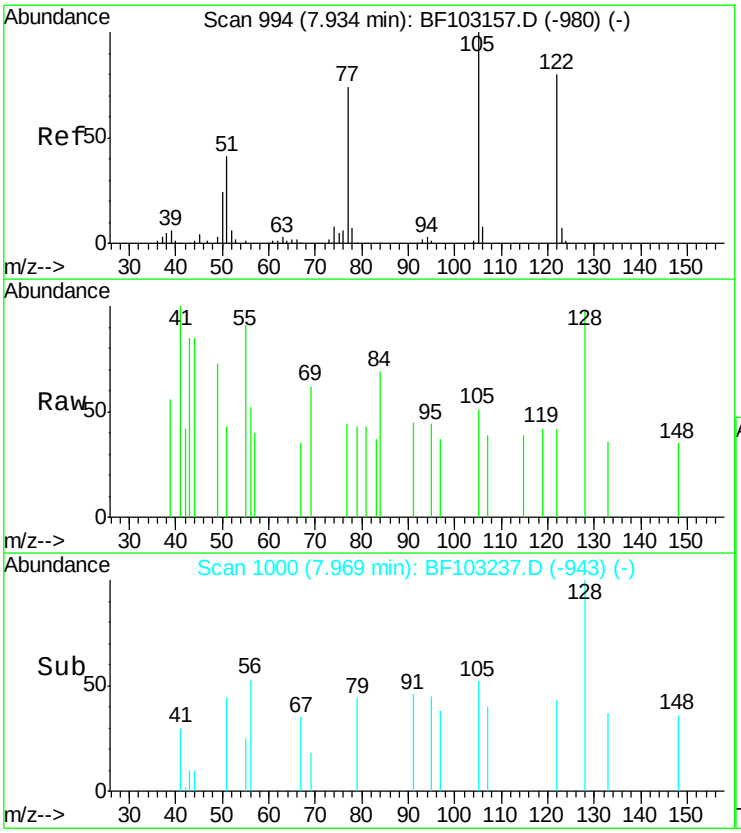
#31
Naphthalene
Concen: 4.97 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 141058

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.1	10.9	16.3

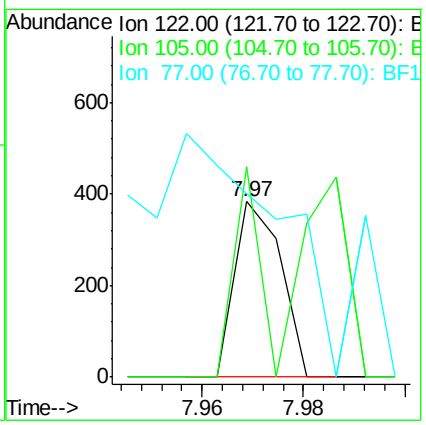


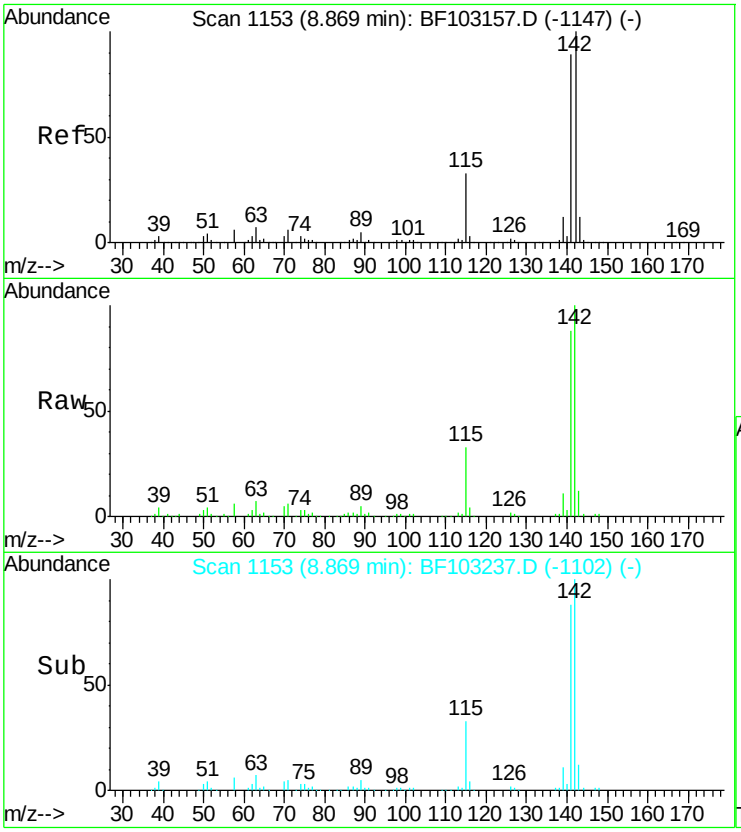


#32
Benzoic acid
Concen: 6.95 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:122 Resp: 242

Ion	Ratio	Lower	Upper
122	100		
105	120.4	101.1	141.1
77	104.4	70.7	110.7



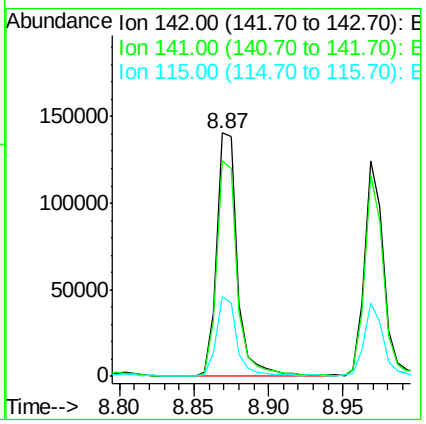


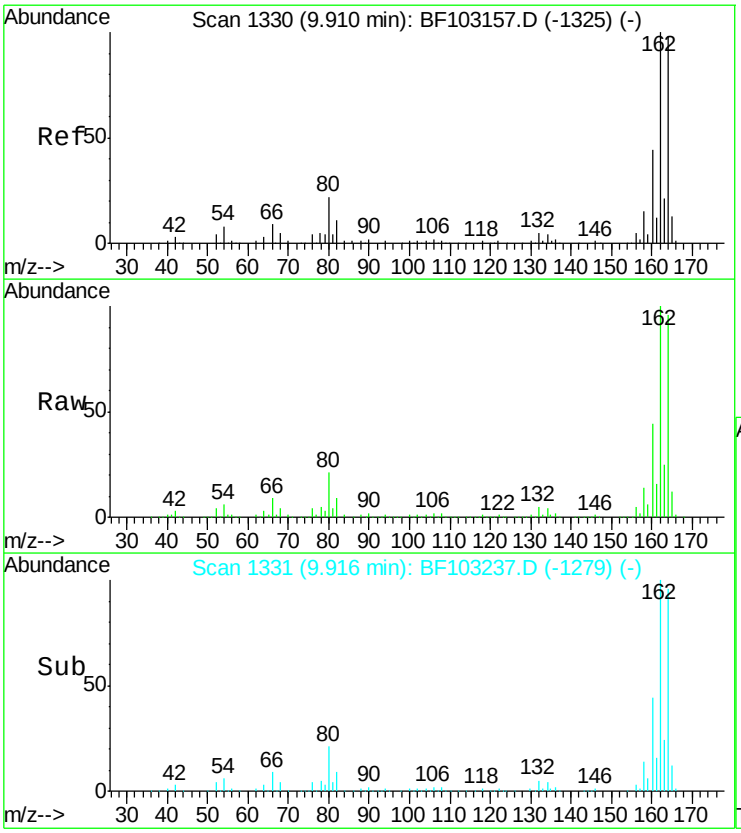
#37
2-Methylnaphthalene
Concen: 7.60 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 139316

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	32.6	26.1	39.1

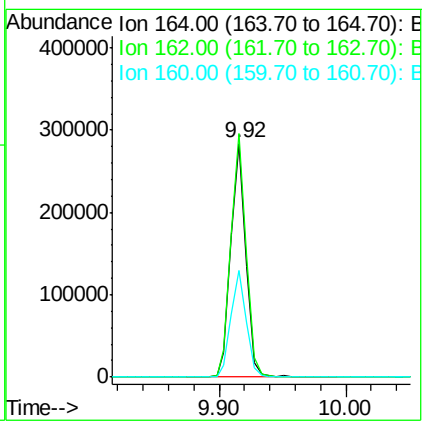


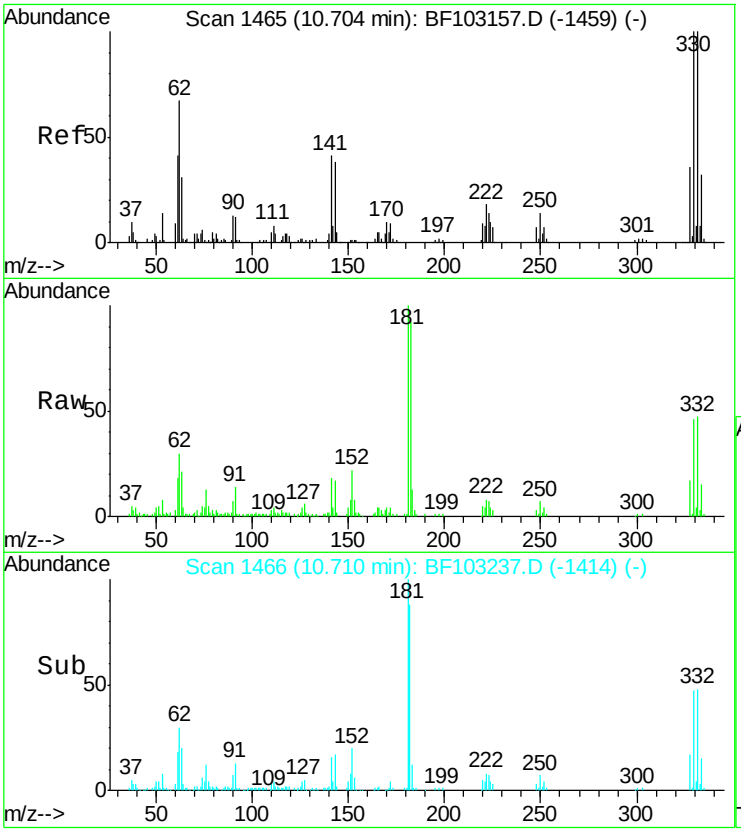


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:164 Resp: 230228

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.6	38.3	57.5



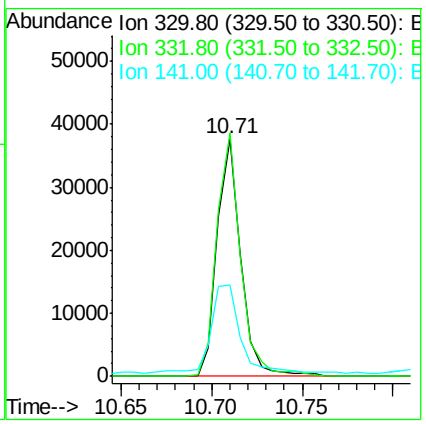


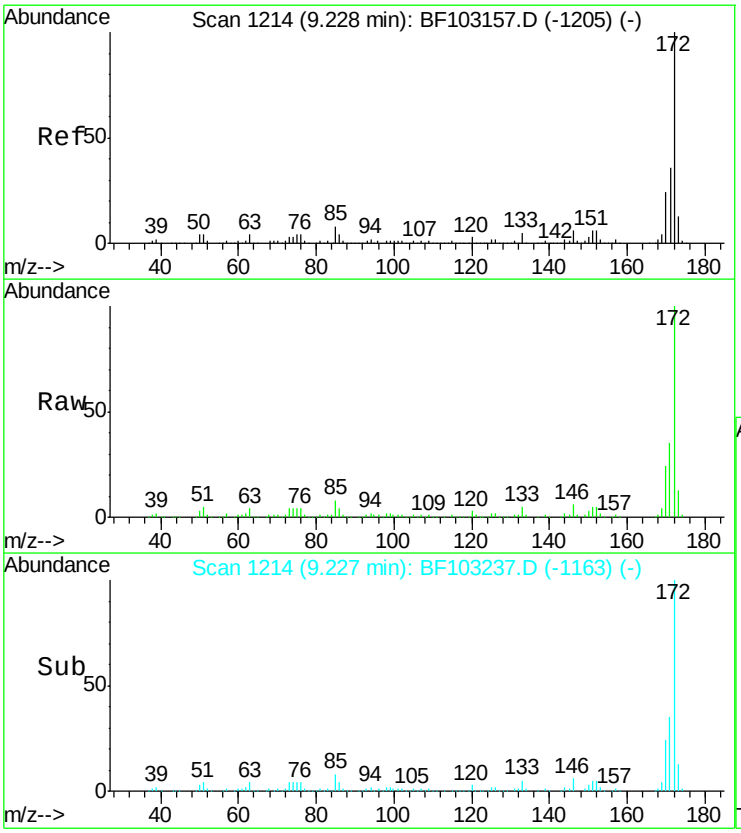
#41
2,4,6-Tribromophenol
Concen: 17.64 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 34384

Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	48.5	29.9	44.9#

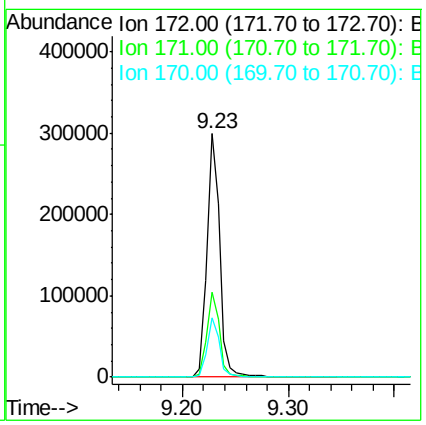


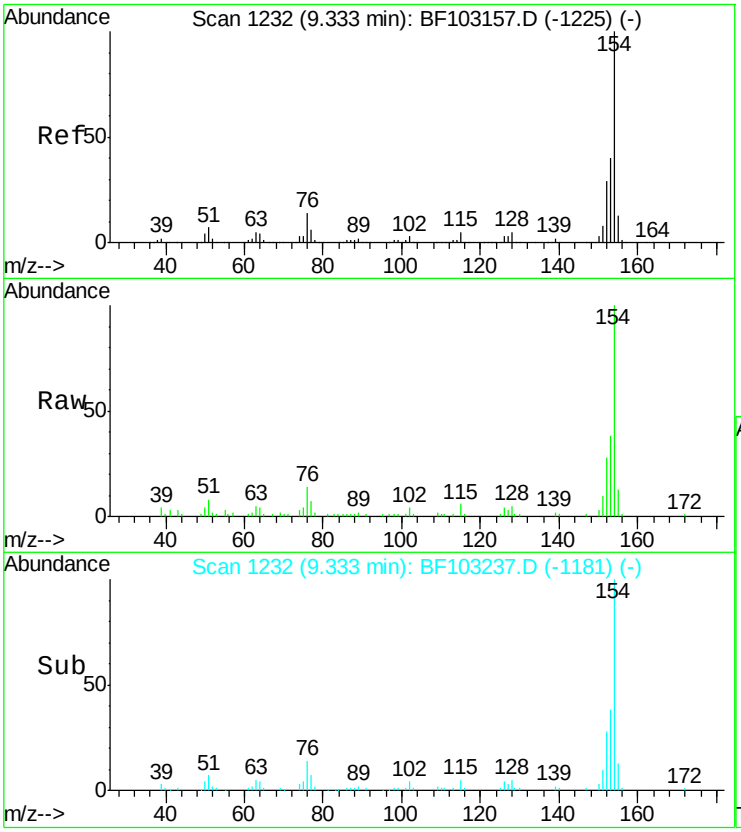


#44
2-Fluorobiphenyl
Concen: 14.10 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:172 Resp: 255333

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.2	19.6	29.4



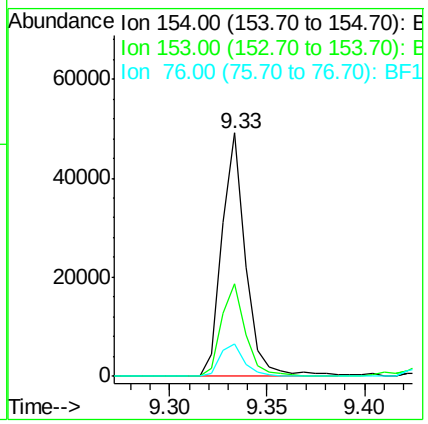


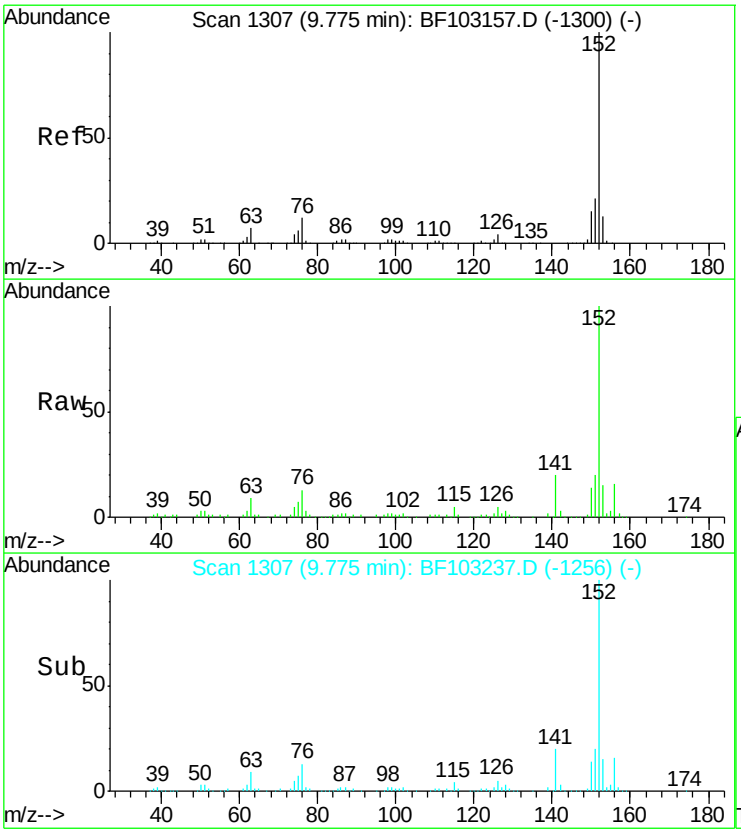
#45
1,1'-Biphenyl
Concen: 2.15 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 41509

Ion	Ratio	Lower	Upper
154	100		
153	37.8	21.3	61.3
76	13.5	0.0	34.0

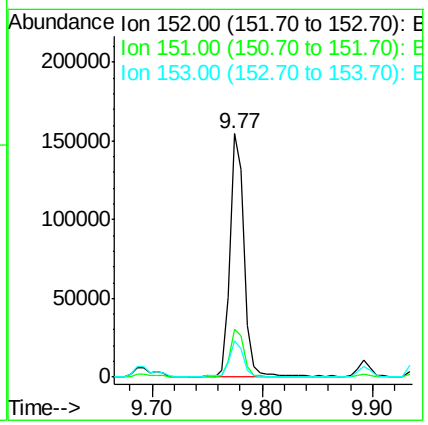


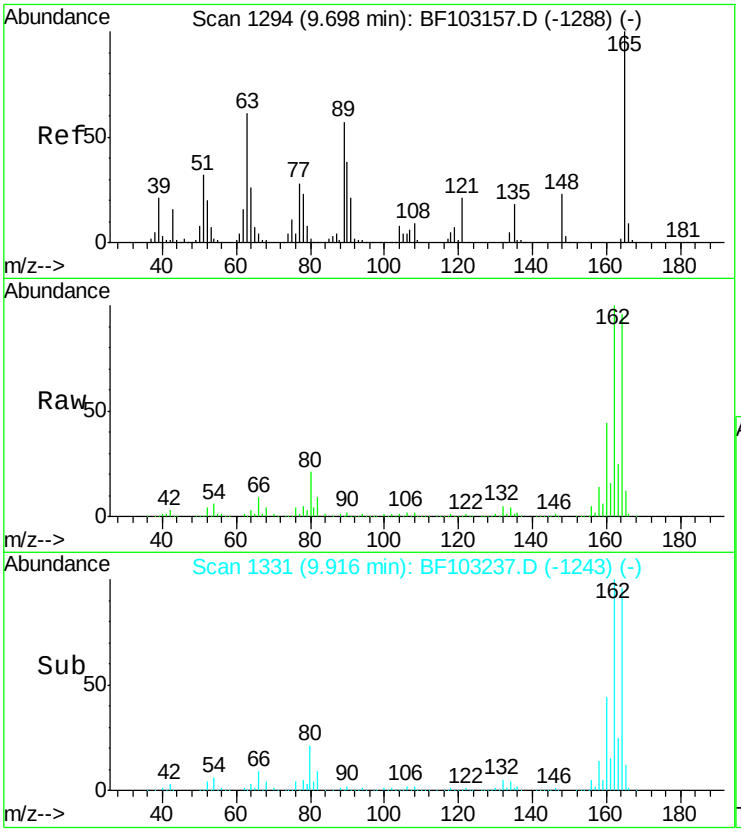


#48
Acenaphthylene
Concen: 6.00 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:152 Resp: 140897

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	14.9	10.7	16.1



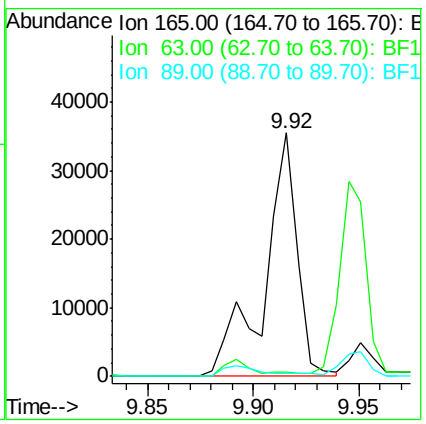


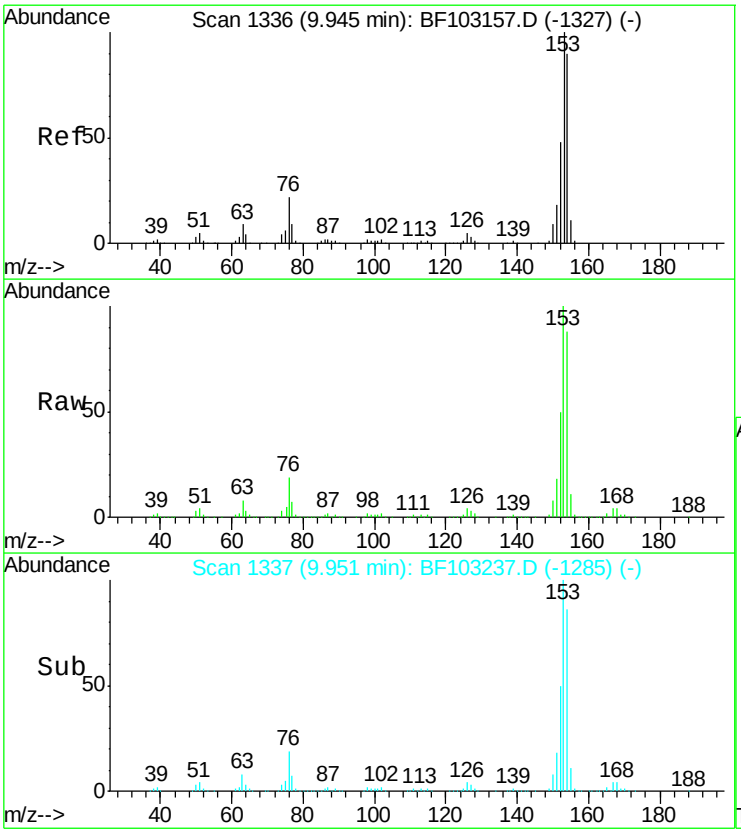
#50
2,6-Dinitrotoluene
Concen: 9.85 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38193

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.2	44.0	66.0#

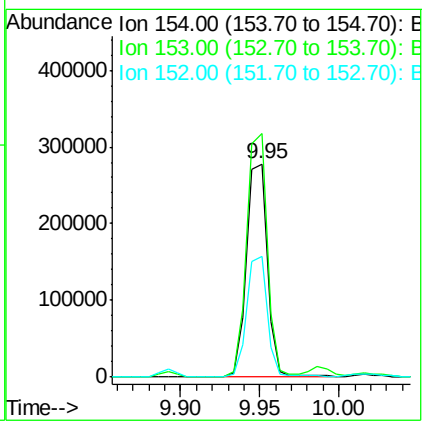


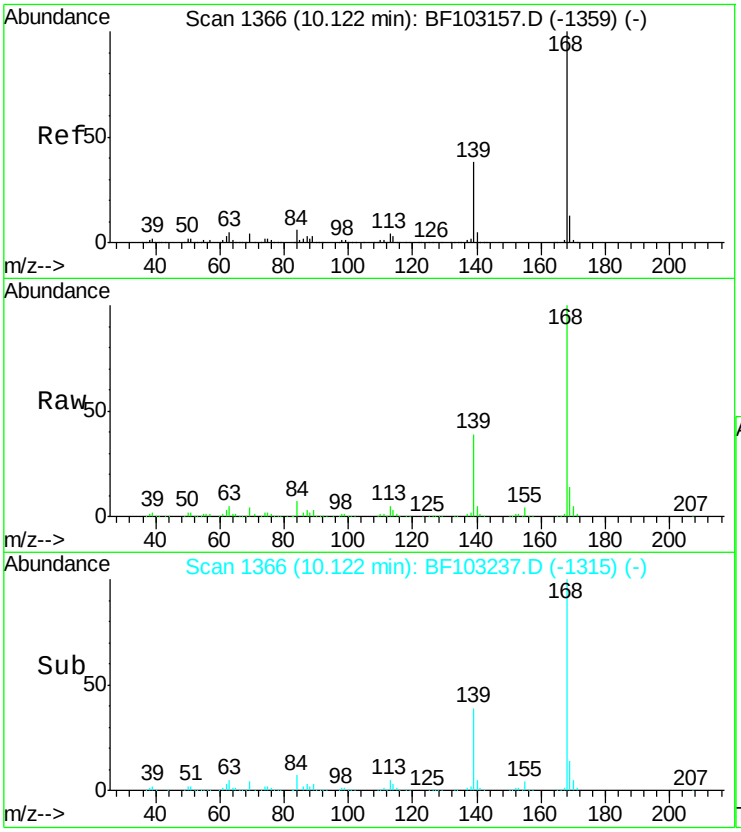


#51
Acenaphthene
Concen: 18.63 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:154 Resp: 255064

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.2	136.8
152	56.7	43.8	65.8



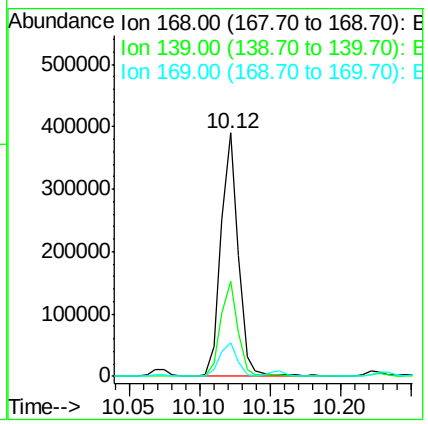


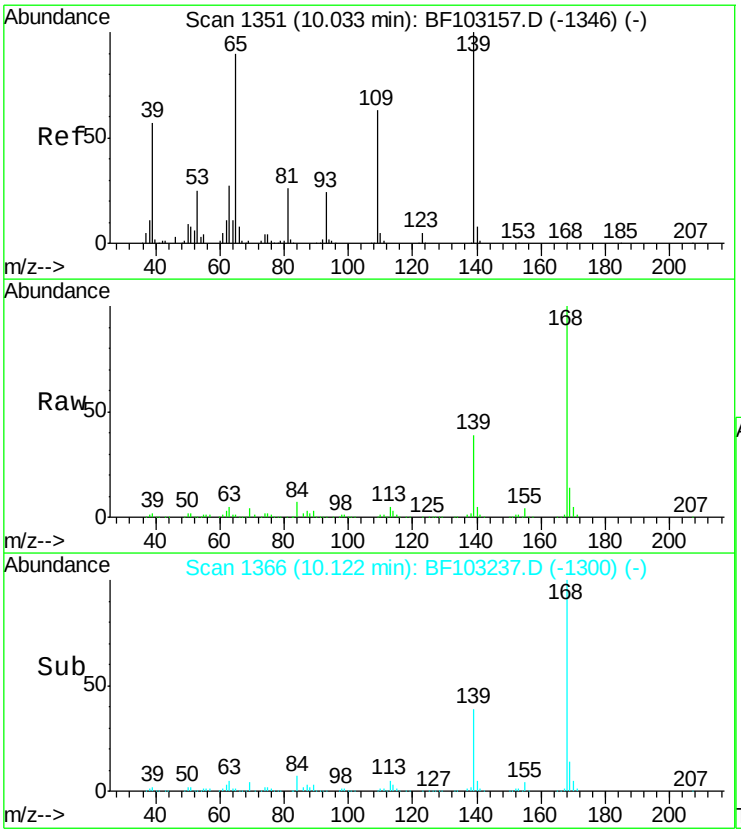
#54
Dibenzofuran
Concen: 17.63 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 331396

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	14.0	10.9	16.3

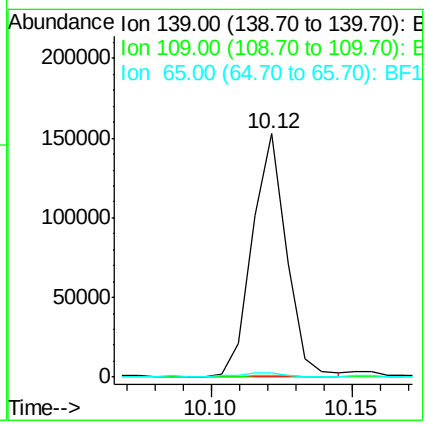


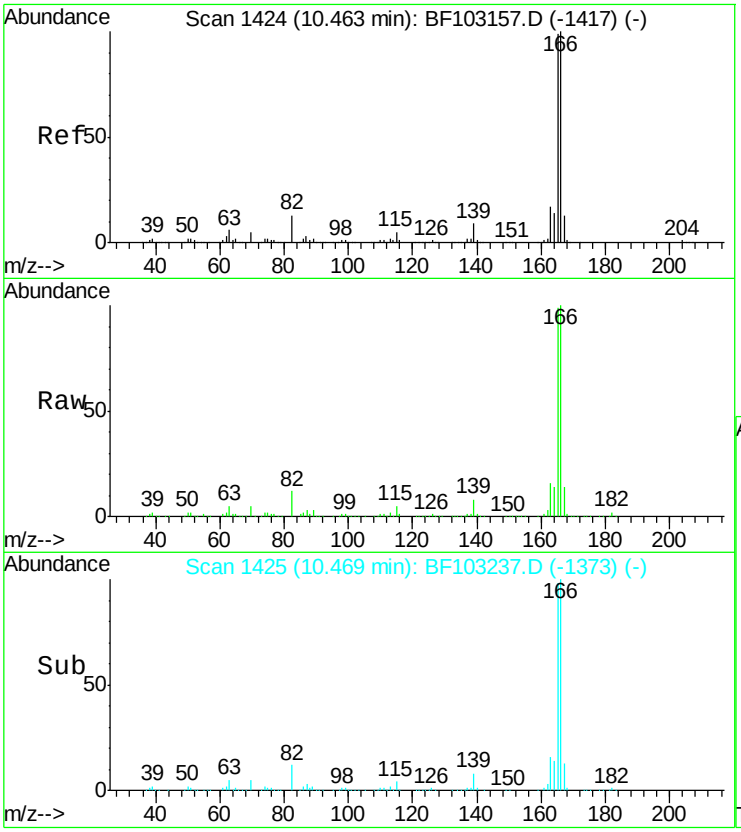


#55
4-Nitrophenol
Concen: 42.38 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:139 Resp: 129169

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	1.6	72.6	112.6#



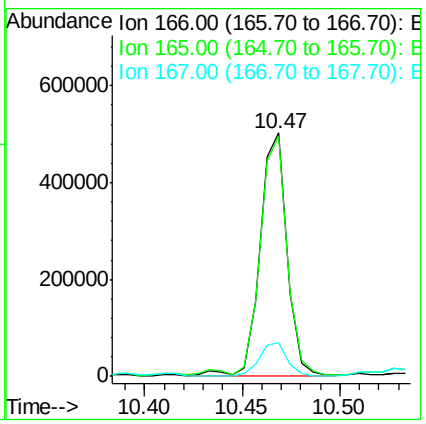


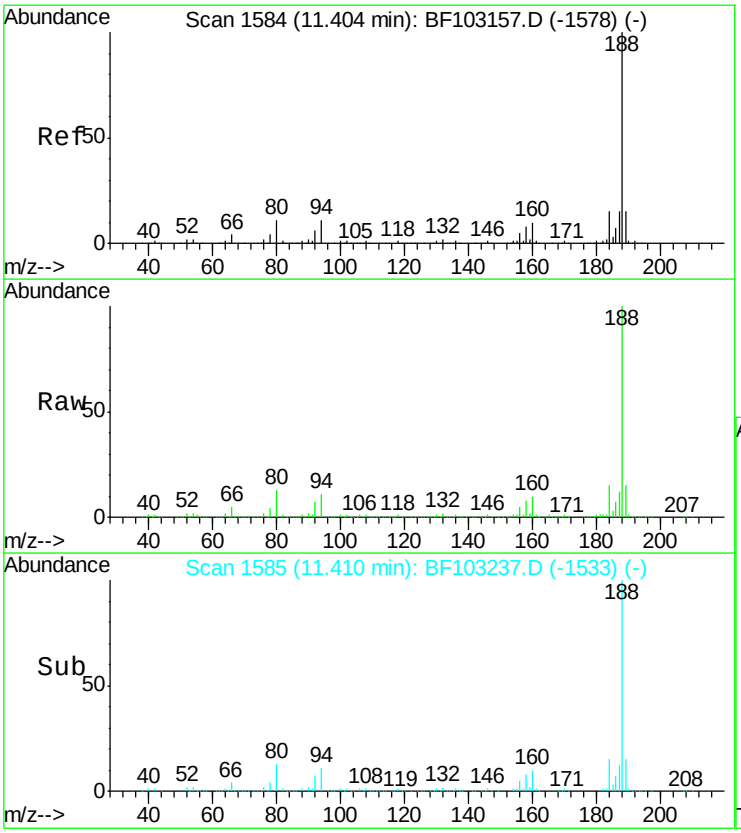
#57
Fluorene
Concen: 29.66 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 474930

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.8	10.6	16.0

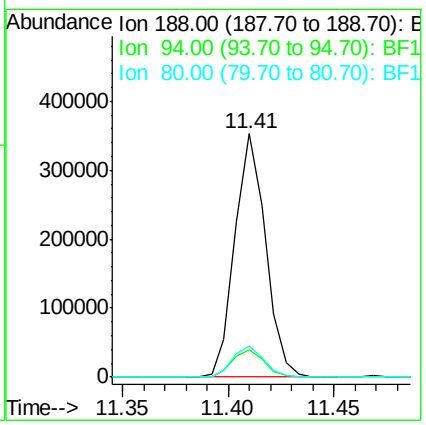


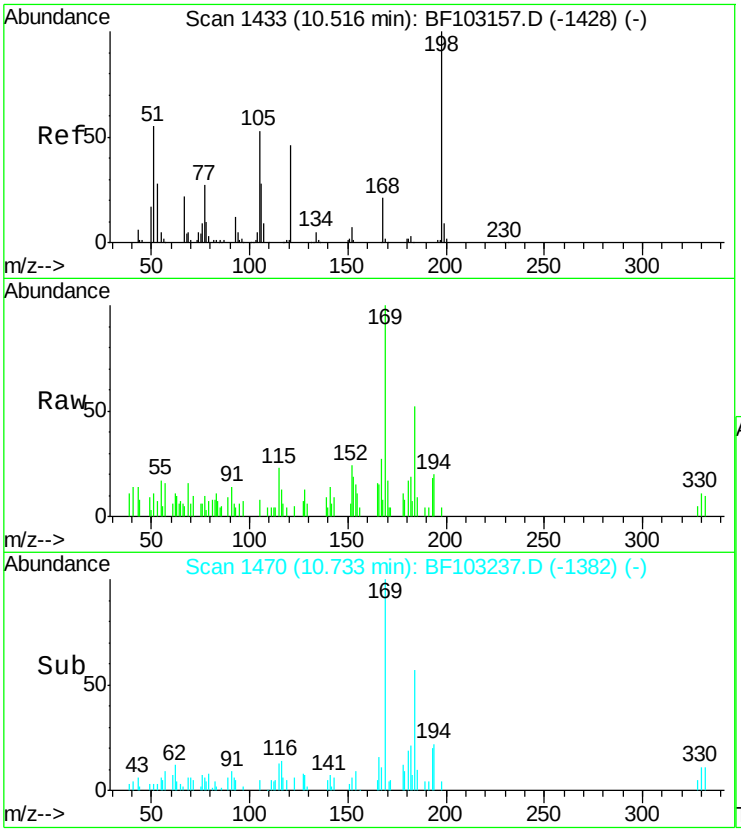


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:188 Resp: 354616

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.6	9.2	13.8



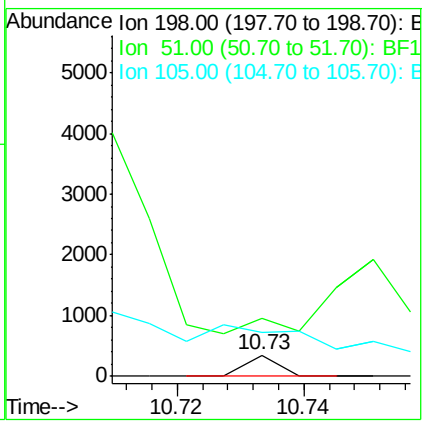


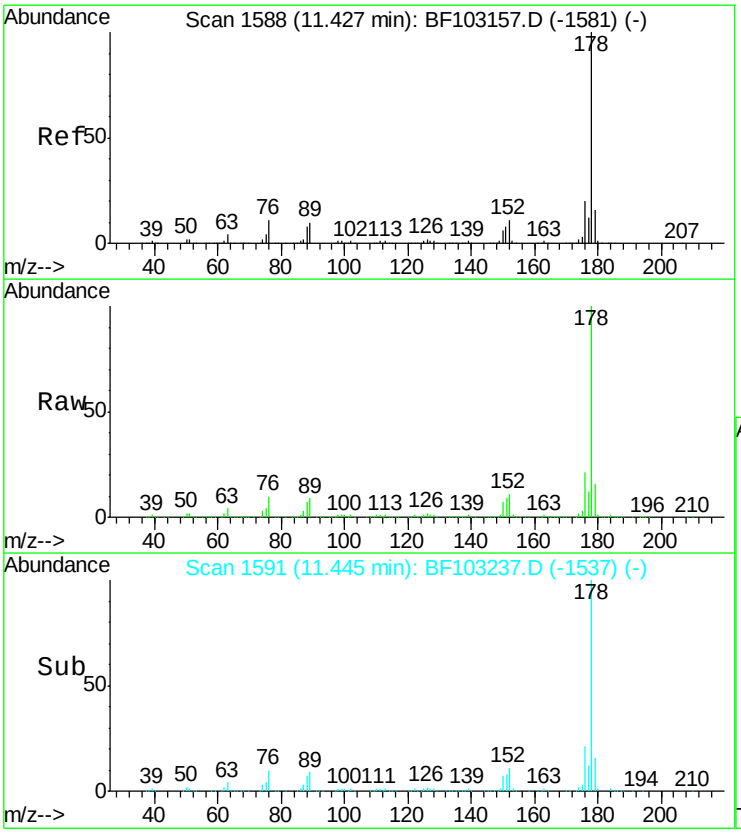
#64
4,6-Dinitro-2-methylphenol
Concen: 5.00 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.22 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 121

Ion	Ratio	Lower	Upper
198	100		
51	276.7	37.7	77.7#
105	209.0	36.3	76.3#

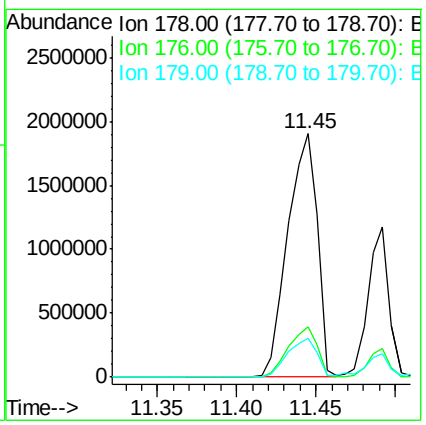


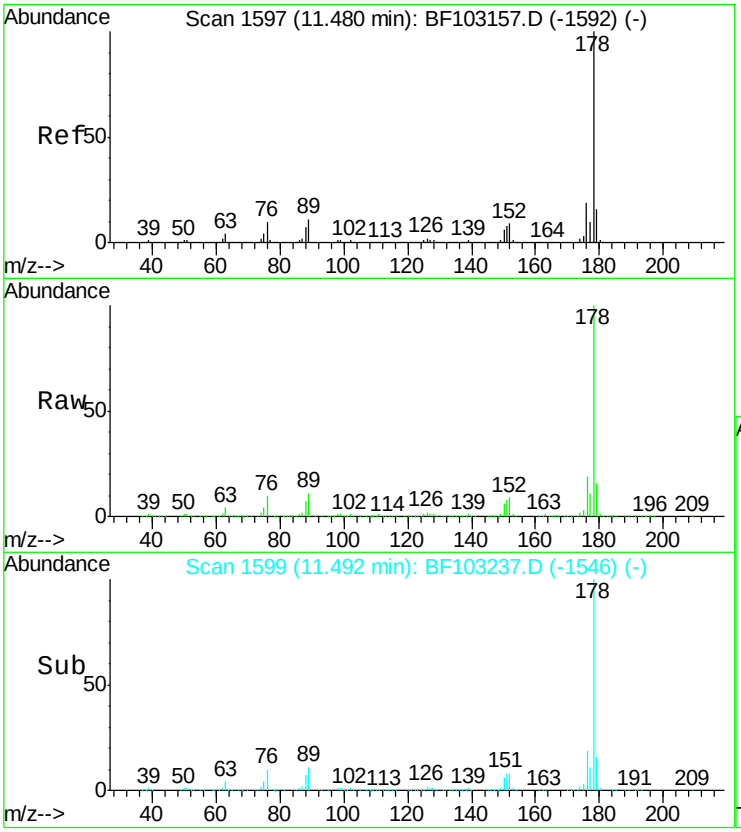


#70
Phenanthrene
Concen: 125.72 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.02 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:178 Resp: 2453541

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.8	13.0	19.6



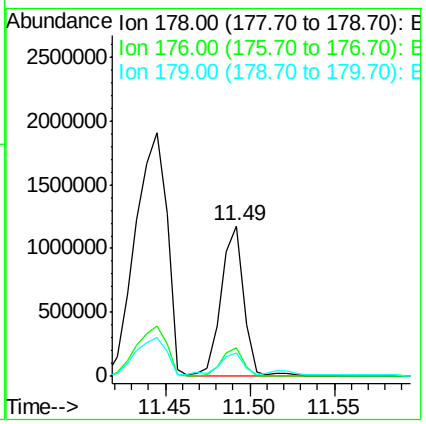


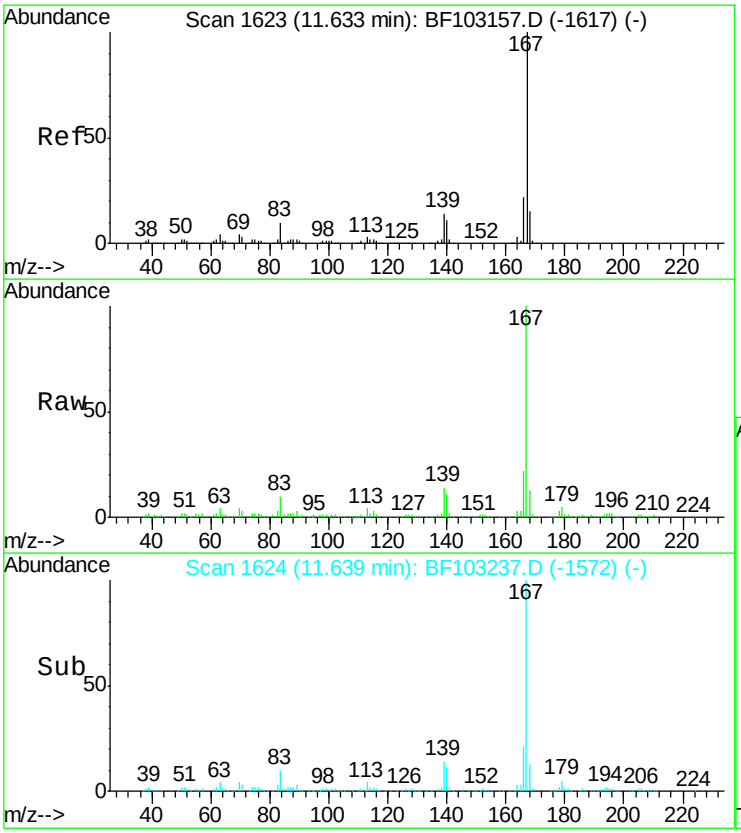
#71
Anthracene
Concen: 54.75 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1095672

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.9	12.6	19.0

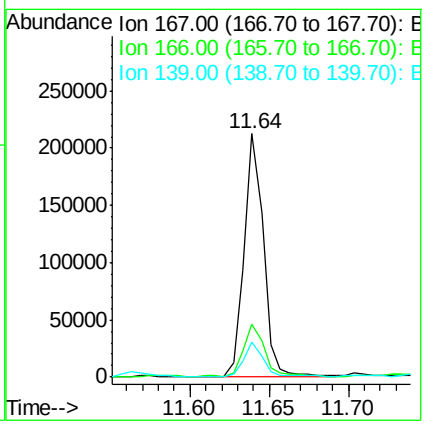


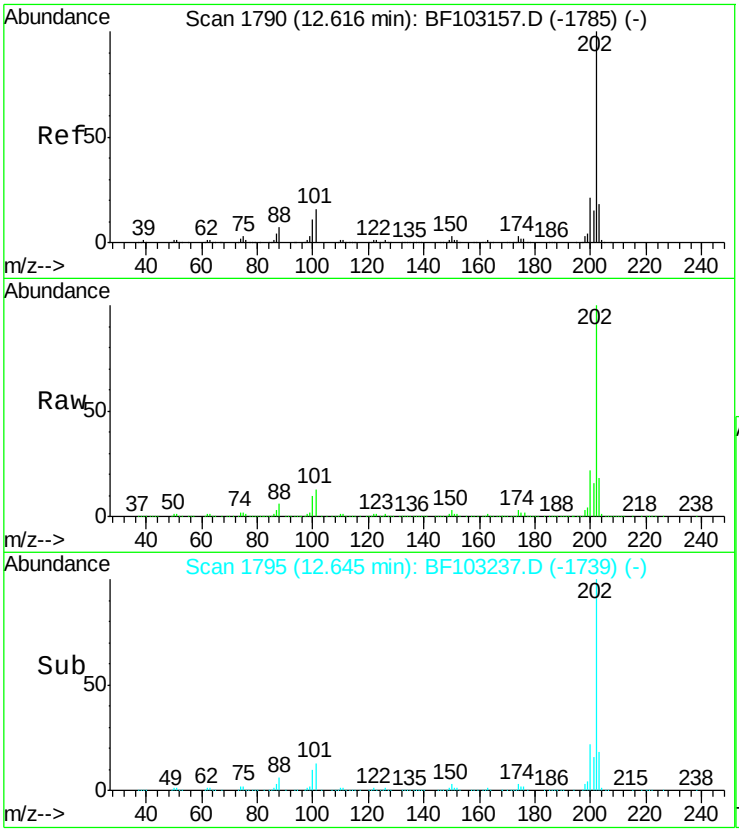


#72
Carbazole
Concen: 8.96 ng
RT: 11.64 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:167 Resp: 178509

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



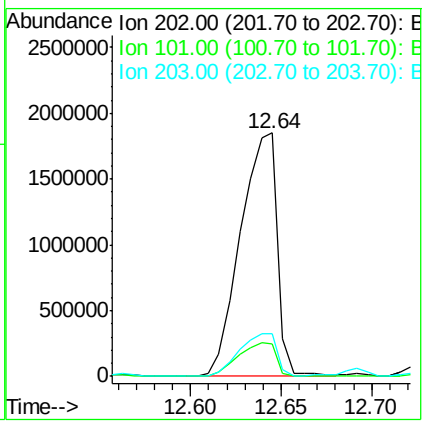


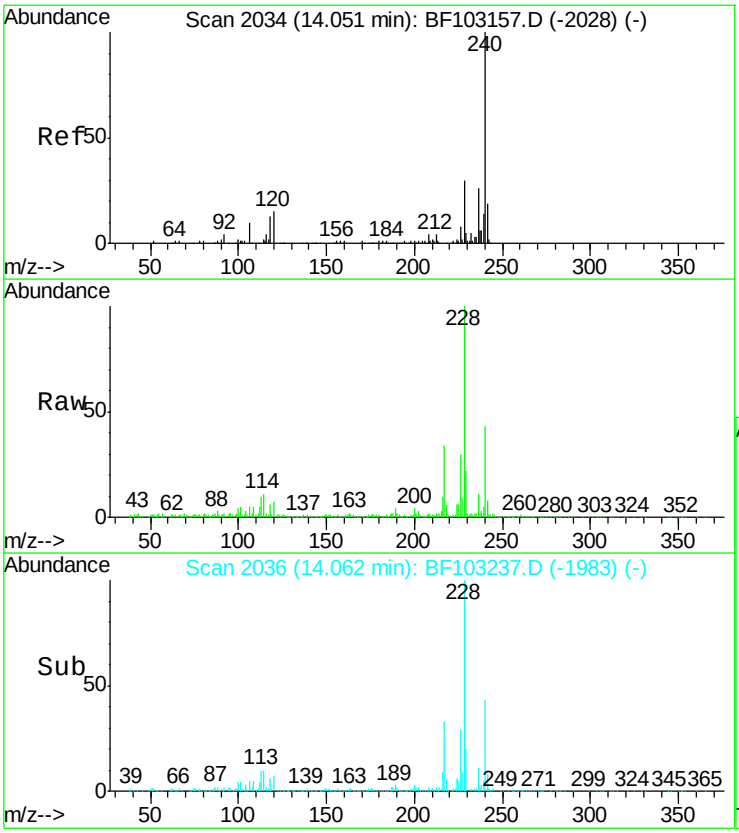
#74
Fluoranthene
Concen: 132.86 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.03 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2605432

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1

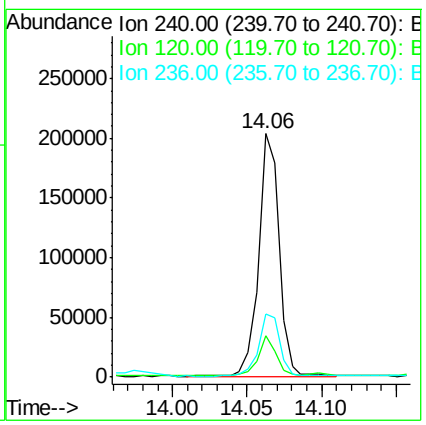


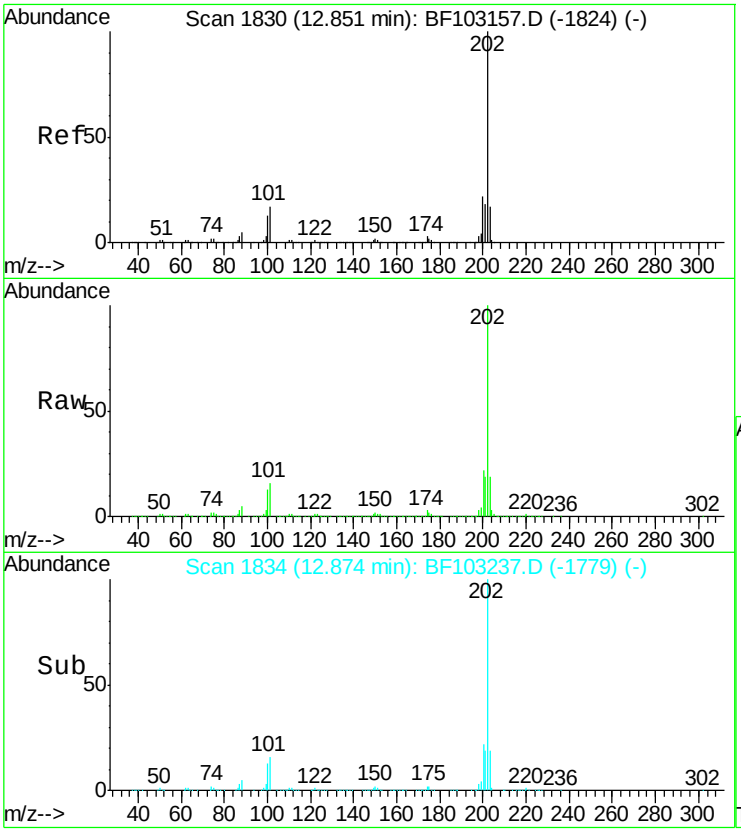


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:240 Resp: 190016

Ion	Ratio	Lower	Upper
240	100		
120	17.1	9.5	14.3#
236	25.8	20.7	31.1



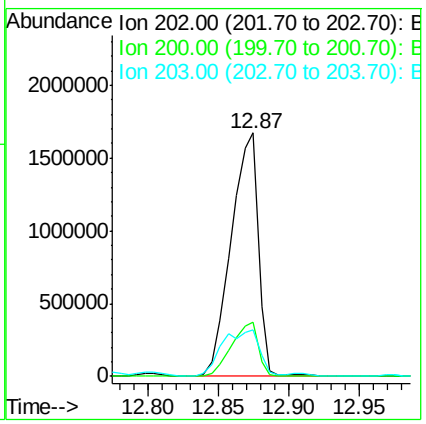


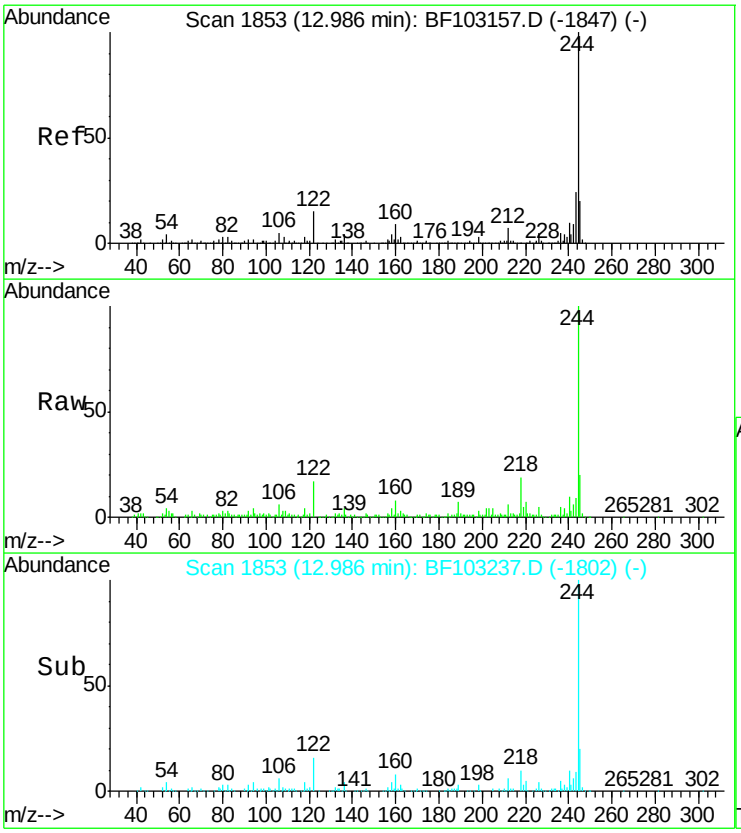
#77
Pyrene
Concen: 151.17 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2239595

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	19.1	14.3	21.5

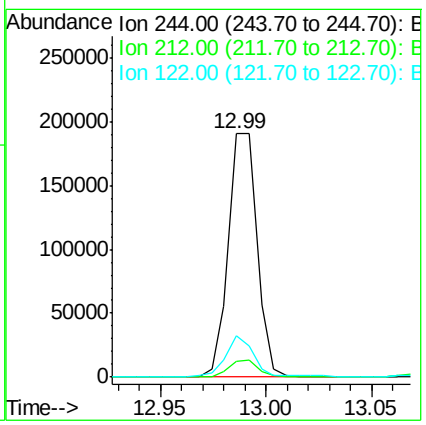


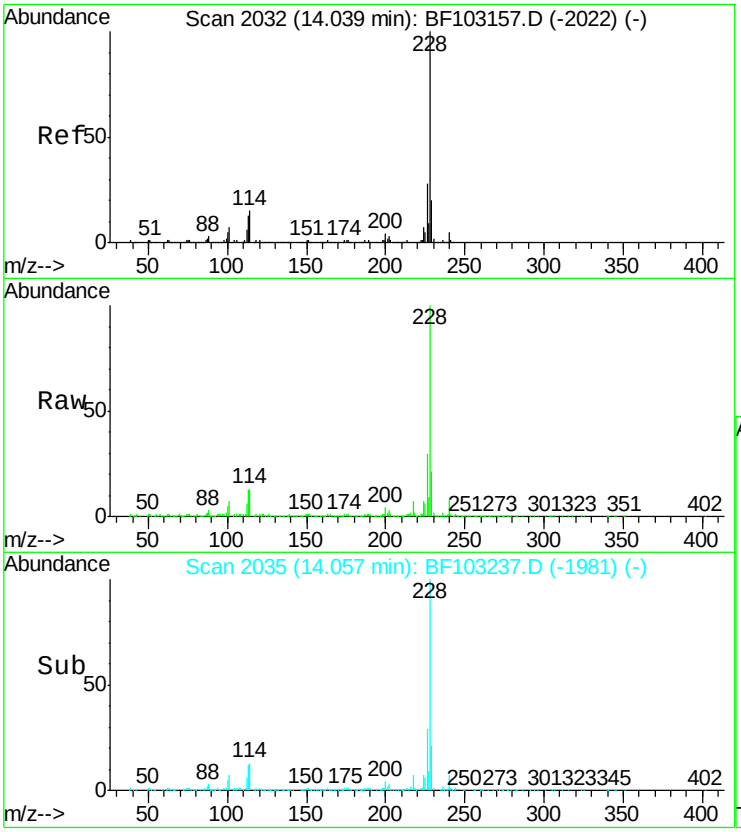


#78
Terphenyl-d14
Concen: 22.85 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:244 Resp: 180582

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	16.7	11.0	16.4#



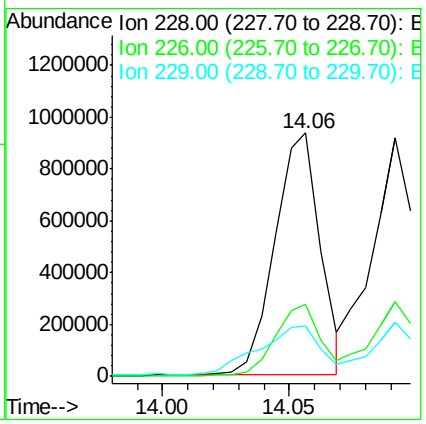


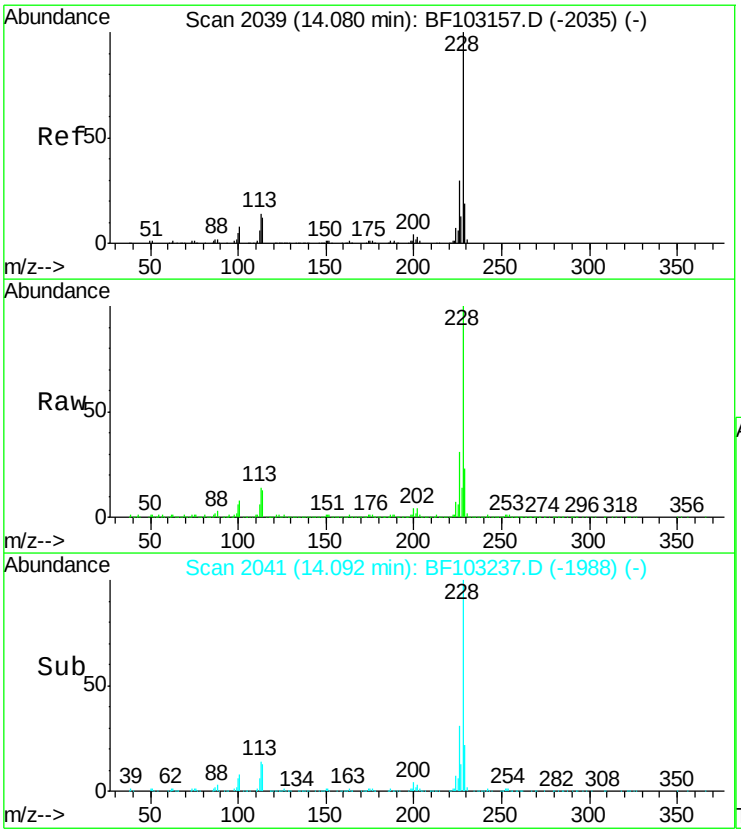
#80
Benzo(a)anthracene
Concen: 94.49 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1164954

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.9	15.8	23.6

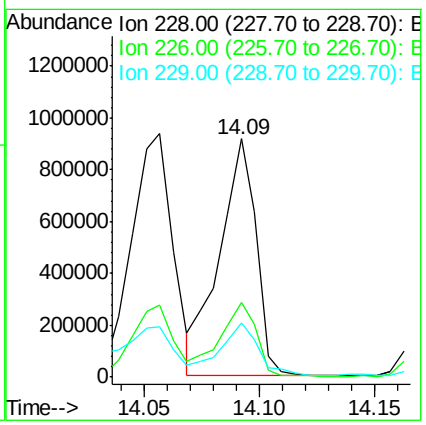


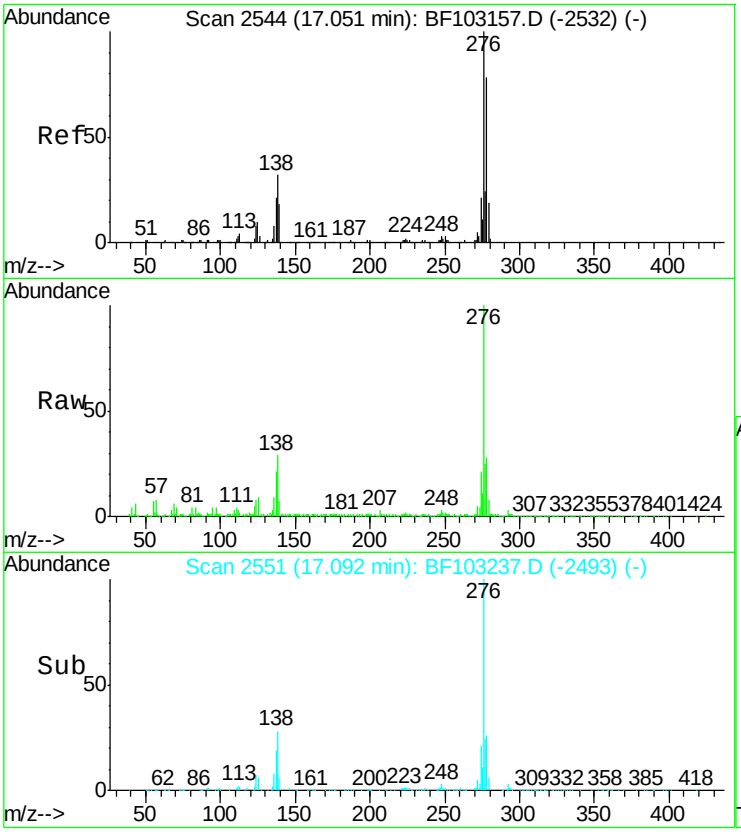


#82
Chrysene
Concen: 84.96 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:228 Resp: 1017047

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.6	16.2	24.4



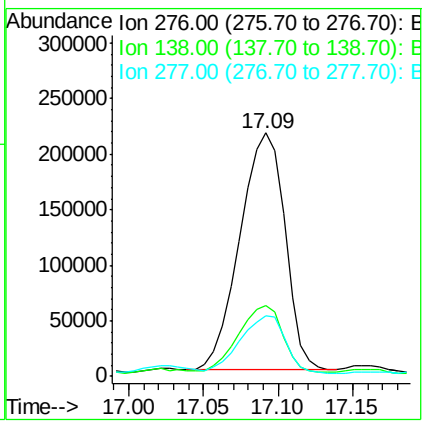


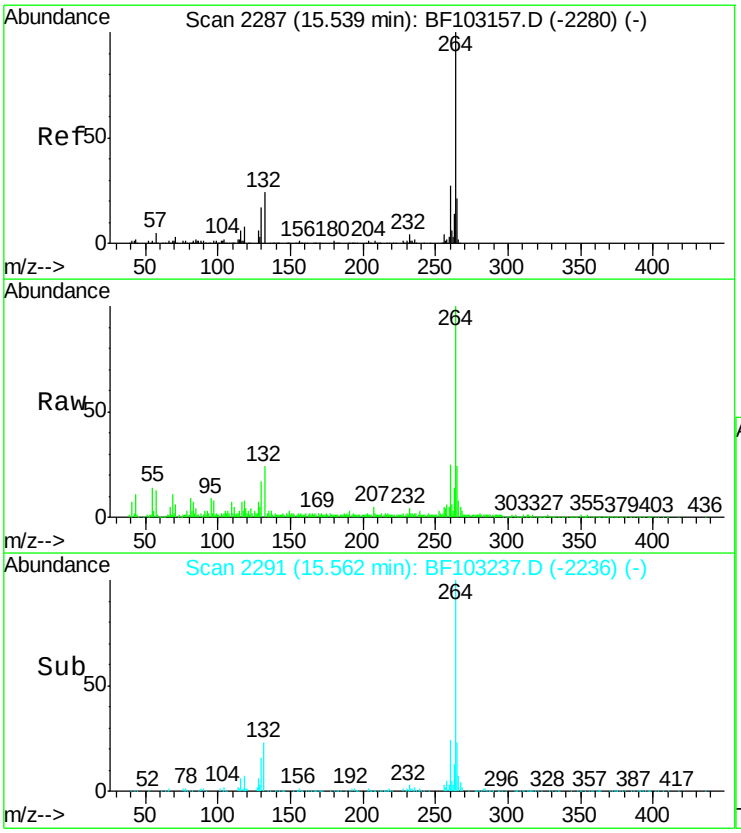
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.01 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.04 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 445496

Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	24.5	20.1	30.1

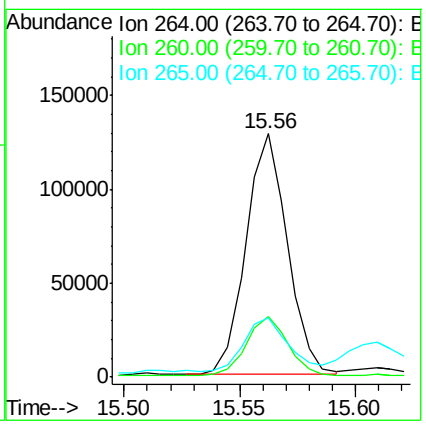


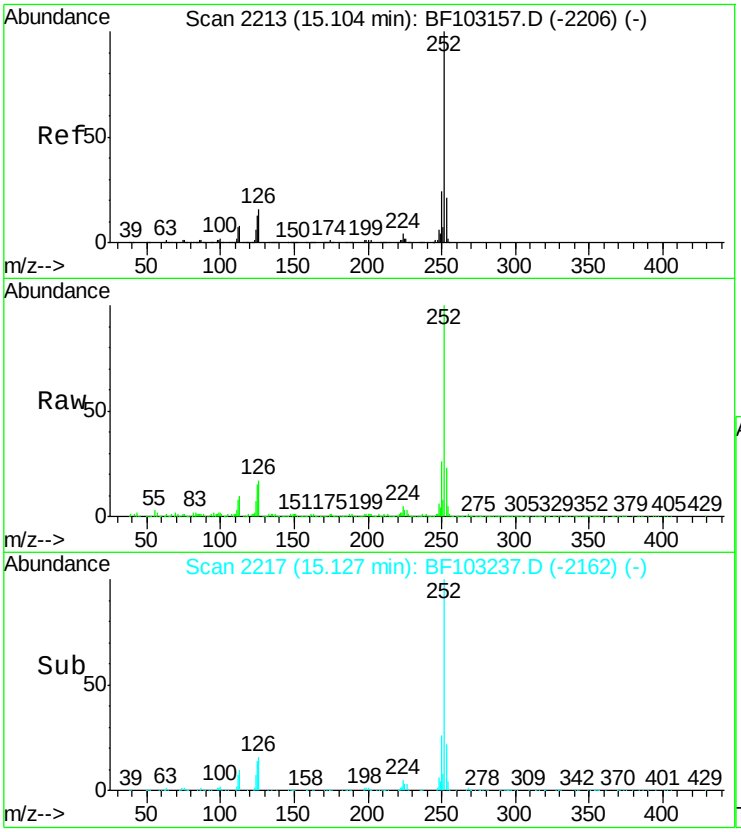


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.02 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:264 Resp: 161011

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	24.4	17.5	26.3



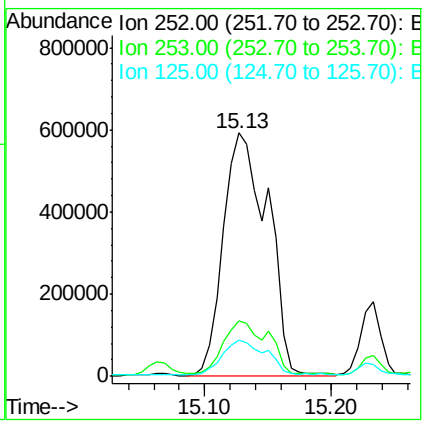


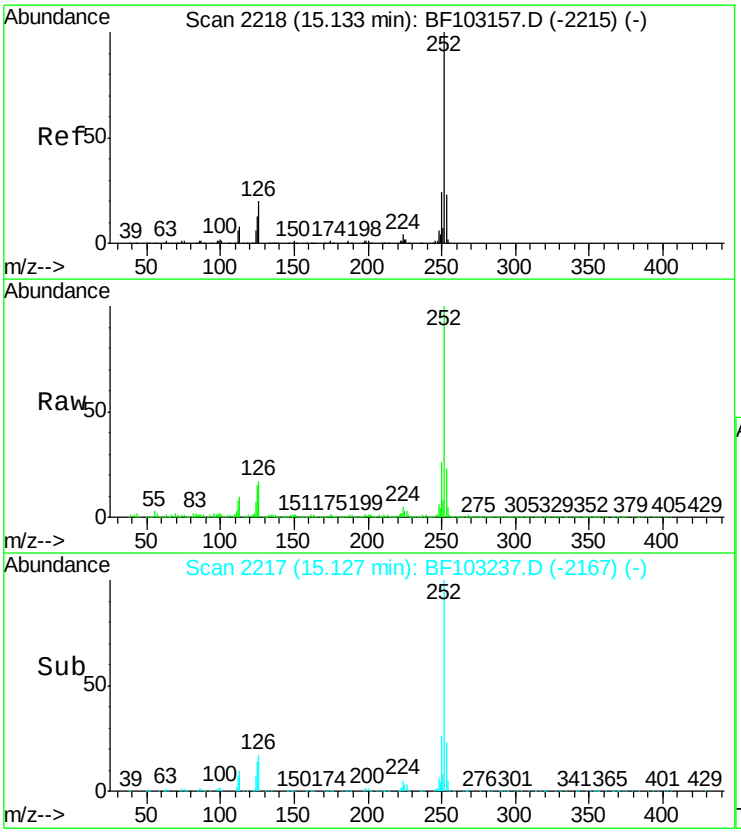
#87
Benzo(b)fluoranthene
Concen: 135.98 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1439566

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	14.7	9.0	13.6#

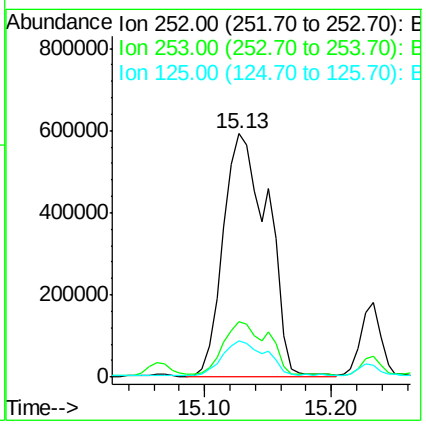


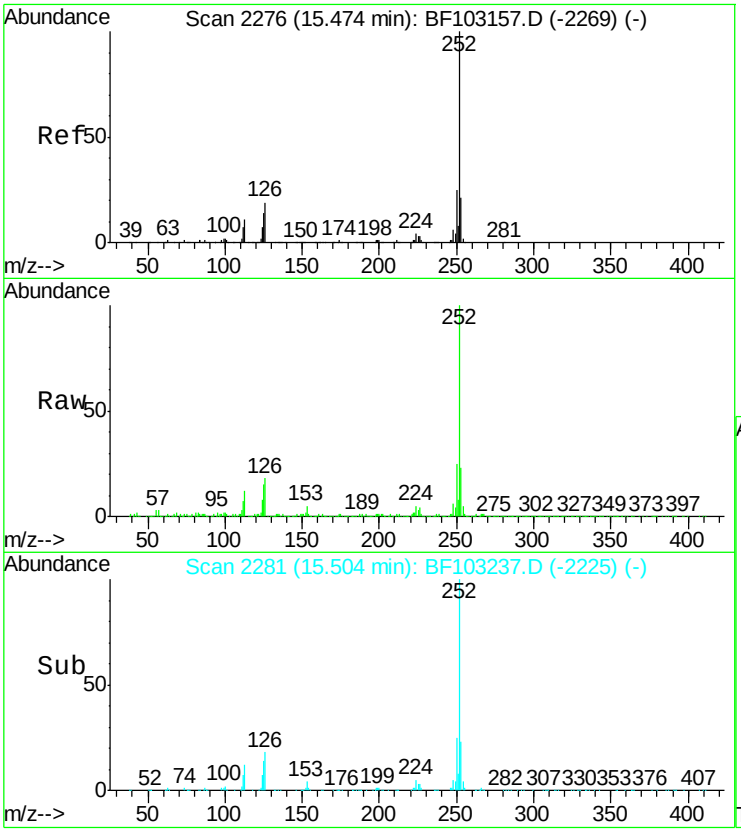


#88
Benzo(k)fluoranthene
Concen: 144.41 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:252 Resp: 1439566

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	14.7	10.2	15.2



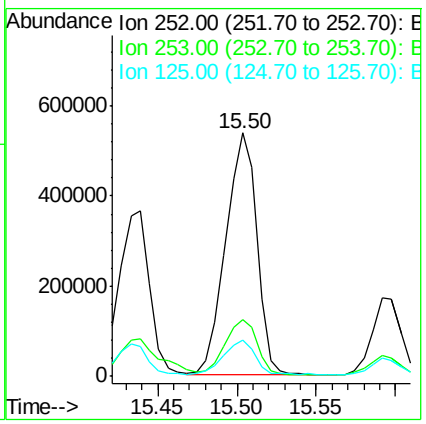


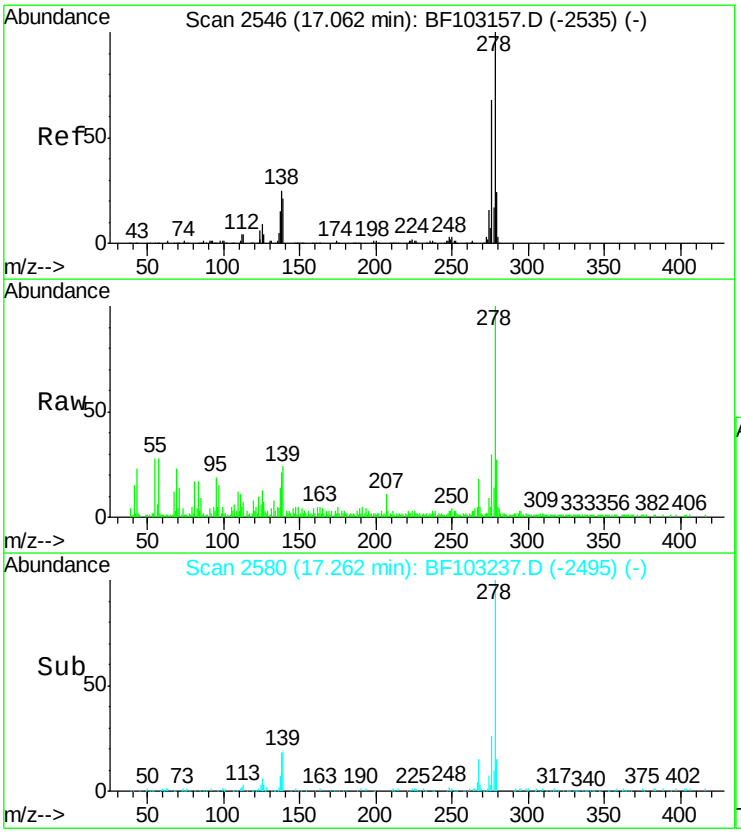
#89
Benzo(a)pyrene
Concen: 77.58 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.03 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 733378

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	14.8	9.8	14.6#

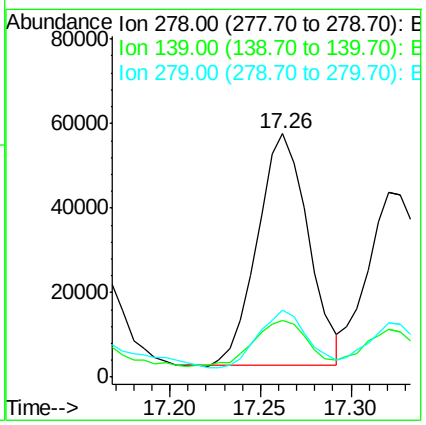


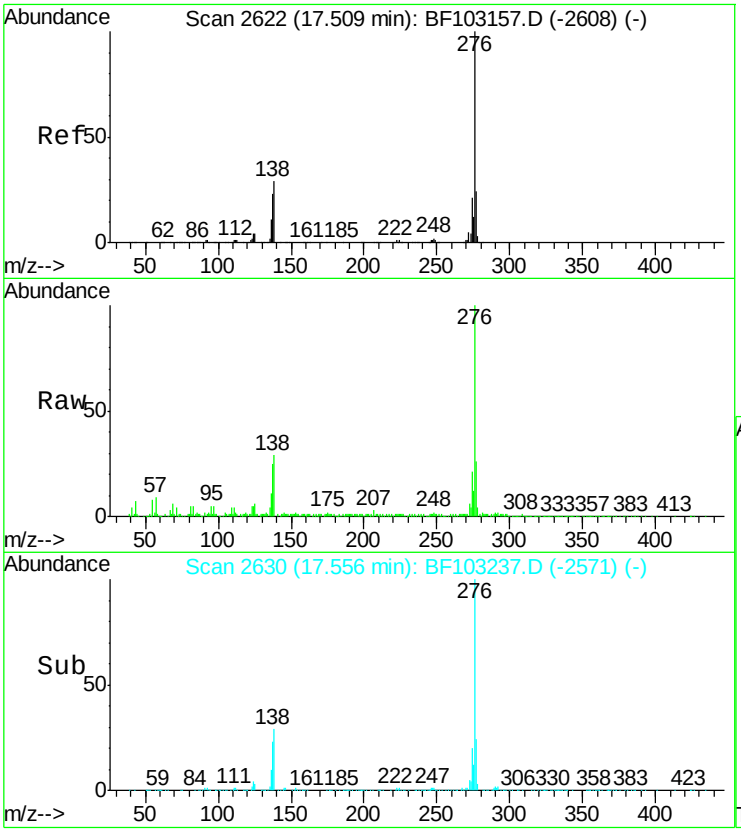


#90
Dibenzo(a,h)anthracene
Concen: 14.77 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.20 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Tgt Ion:278 Resp: 107876

Ion	Ratio	Lower	Upper
278	100		
139	23.5	15.9	23.9
279	27.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 59.50 ng
RT: 17.56 min Scan# 2630
Delta R.T. 0.05 min
Lab File: BF103237.D
Acq: 27 Feb 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 424827

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	29.3	21.8	32.8