Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104148.D
Acq On : 2 Apr 2018 20:56
Operator : JU/SJ
Sample : J2099-08 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 03 01:09:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93037	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	408017	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	193546	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	302782	20.00	ng		0.00
75) Chrysene-d12	14.16	240	199121	20.00	ng		0.00
86) Perylene-d12	15.70	264	204500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	19800	3.39	ng		0.02
7) Phenol-d6	6.60	99	47589	6.63	ng		0.00
23) Nitrobenzene-d5	7.53	82	38353	5.75	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	17503	8.12	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	85487	6.97	ng		0.00
78) Terphenyl-d14	13.08	244	65200	7.56	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	349	Below Cal		#	1
25) Isophorone	7.53	82	38353	3.119	ng	#	64
31) Naphthalene	8.26	128	149811	7.516	ng		98
33) 4-Chloroaniline	8.26	127	18787	2.236	ng	#	36
37) 2-Methylnaphthalene	9.05	142	292659	22.289	ng		96
45) 1,1'-Biphenyl	9.42	154	34641	2.085	ng		100
48) Acenaphthylene	9.86	152	385823	19.436	ng		100
51) Acenaphthene	10.03	154	62140	5.411	ng		98
53) 2,4-Dinitrophenol	9.84	184	124	5.653	ng	#	56
54) Dibenzofuran	10.20	168	37382	2.229	ng	#	90
57) Fluorene	10.55	166	222402	16.078	ng		97
70) Phenanthrene	11.52	178	850306	51.870	ng		99
71) Anthracene	11.57	178	291687	17.035	ng		99
74) Fluoranthene	12.72	202	357891	20.539	ng		97
77) Pyrene	12.96	202	572113	39.969	ng		99
80) Benzo(a)anthracene	14.14	228	234606	18.830	ng	#	88
82) Chrysene	14.18	228	181192	14.848	ng		95
85) Indeno(1,2,3-cd)pyrene	17.29	276	83281	6.586	ng	#	88
87) Benzo(b)fluoranthene	15.24	252	254014	20.410	ng	#	93
88) Benzo(k)fluoranthene	15.24	252	254014	21.666	ng		96
89) Benzo(a)pyrene	15.63	252	196674	17.053	ng		96
90) Dibenzo(a,h)anthracene	17.29	278	22198	2.082	ng	#	76
91) Benzo(g,h,i)perylene	17.77	276	83372	7.806	ng		96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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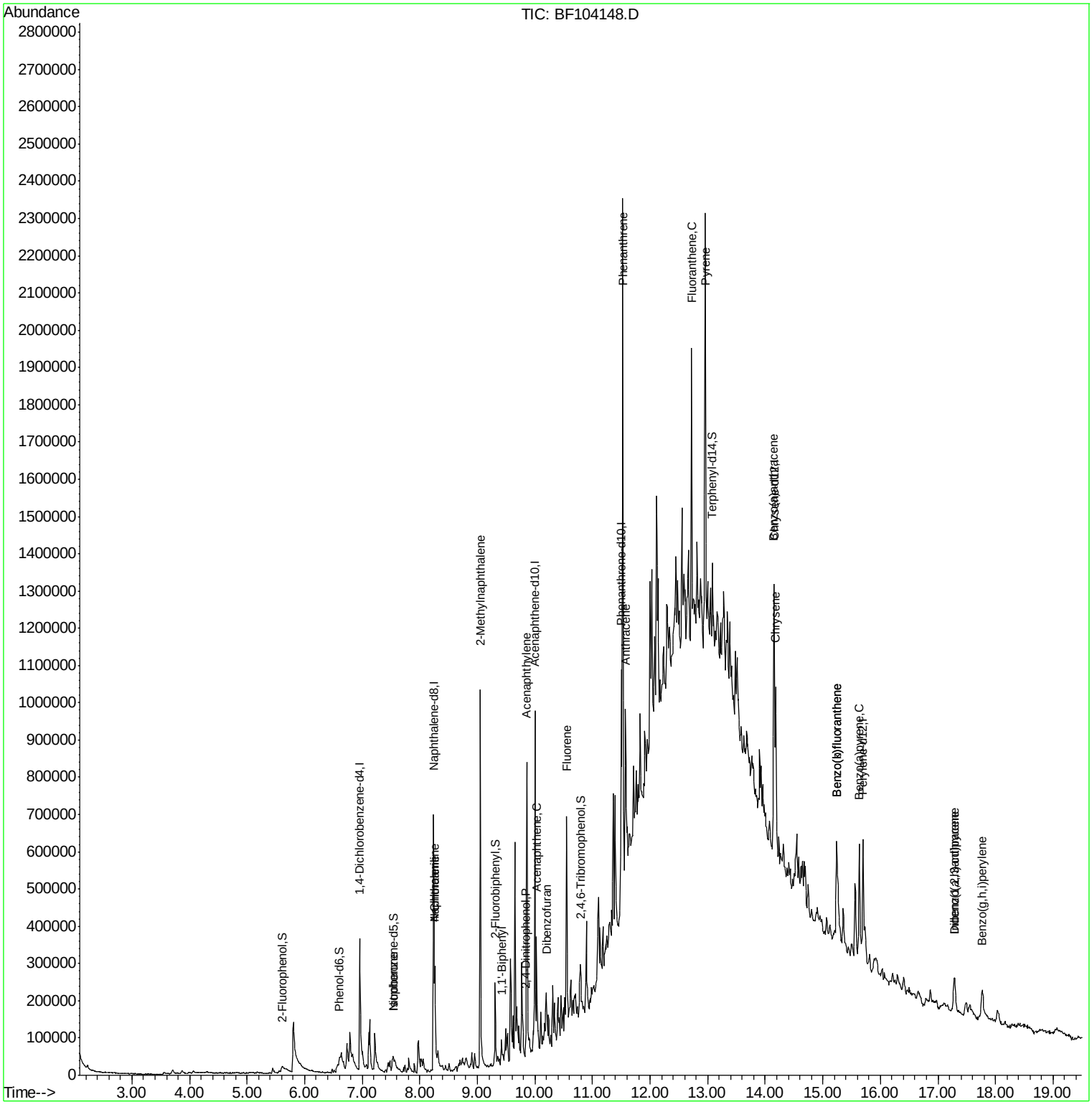
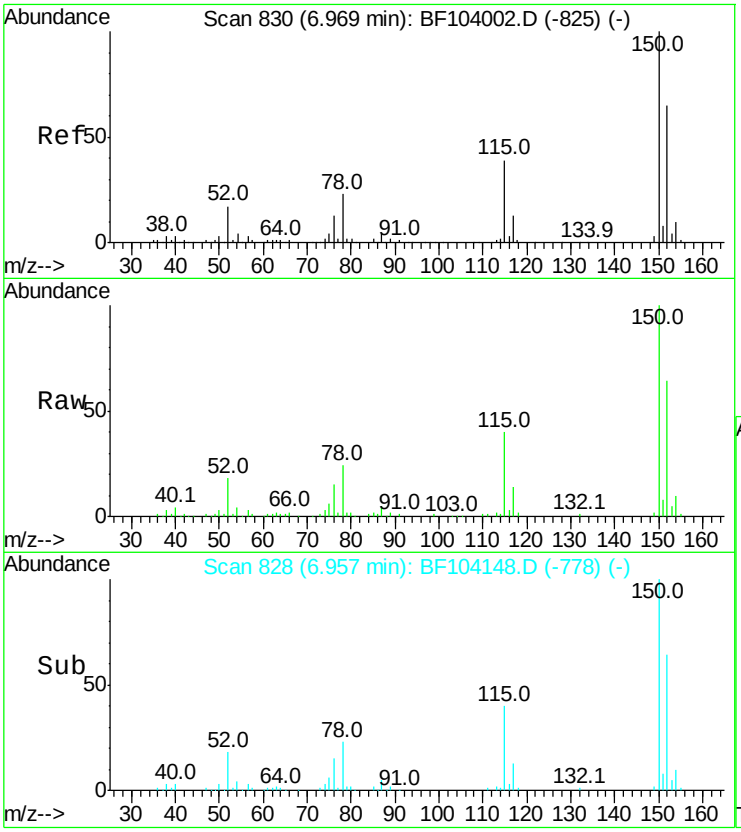
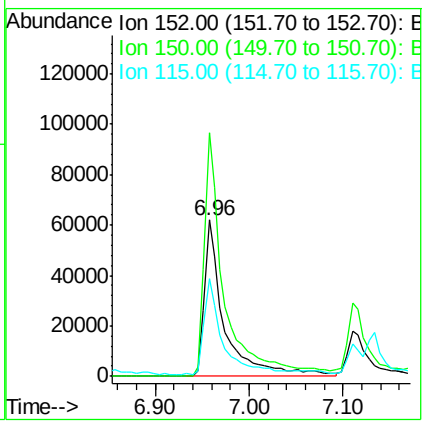




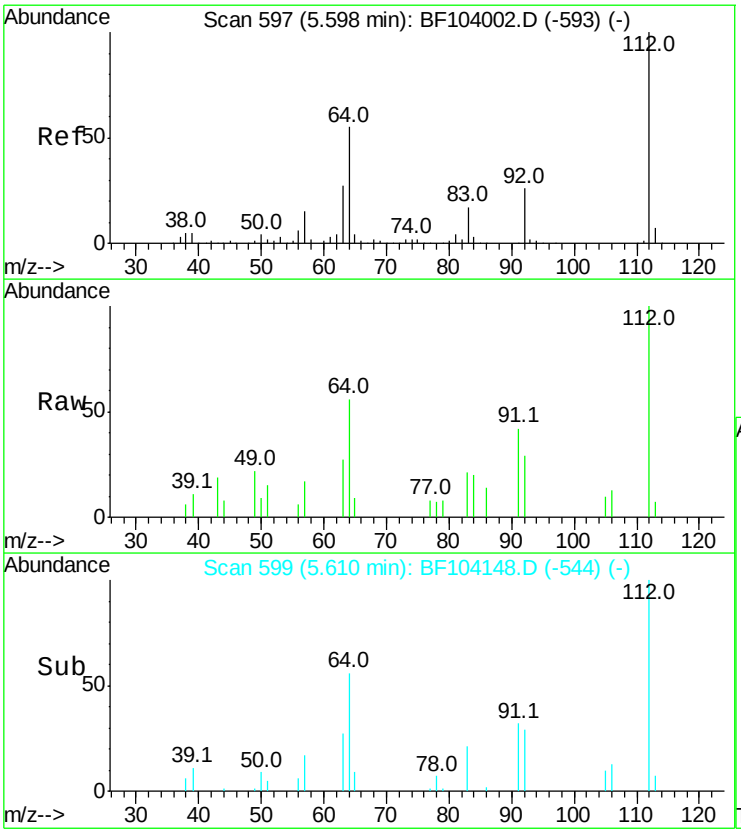
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:152 Resp: 93037

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	62.6	50.1	75.1



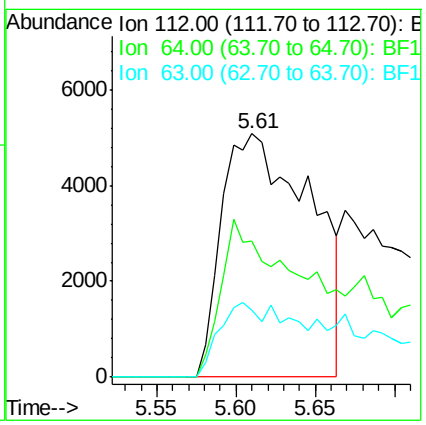
Instrument :
BNA_F
ClientSampleId :

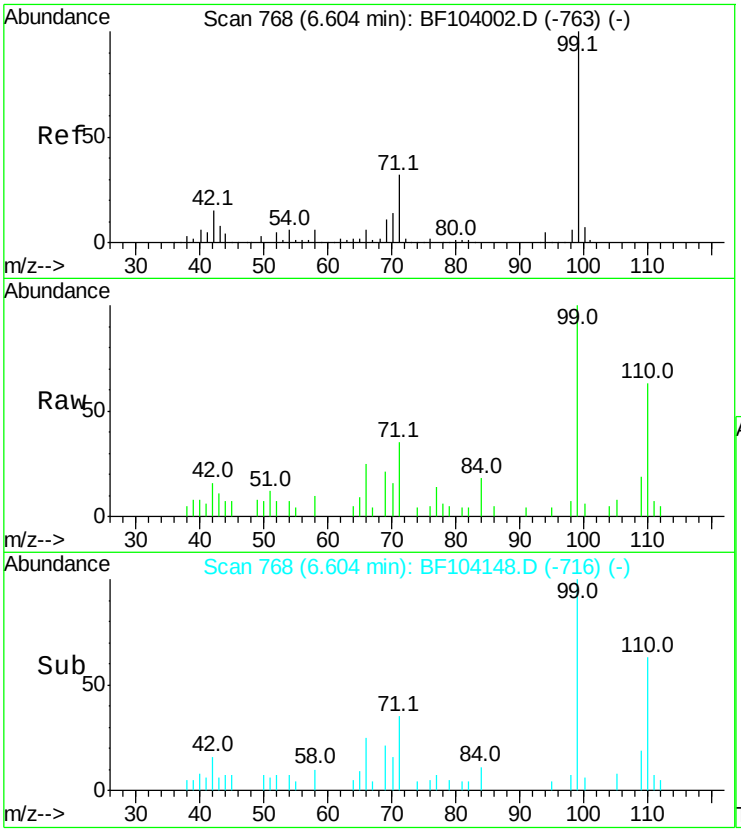


#5
2-Fluorophenol
Concen: 3.394 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:112 Resp: 19800

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.3	23.7	35.5



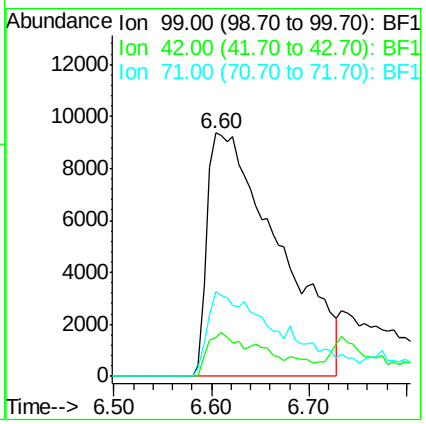


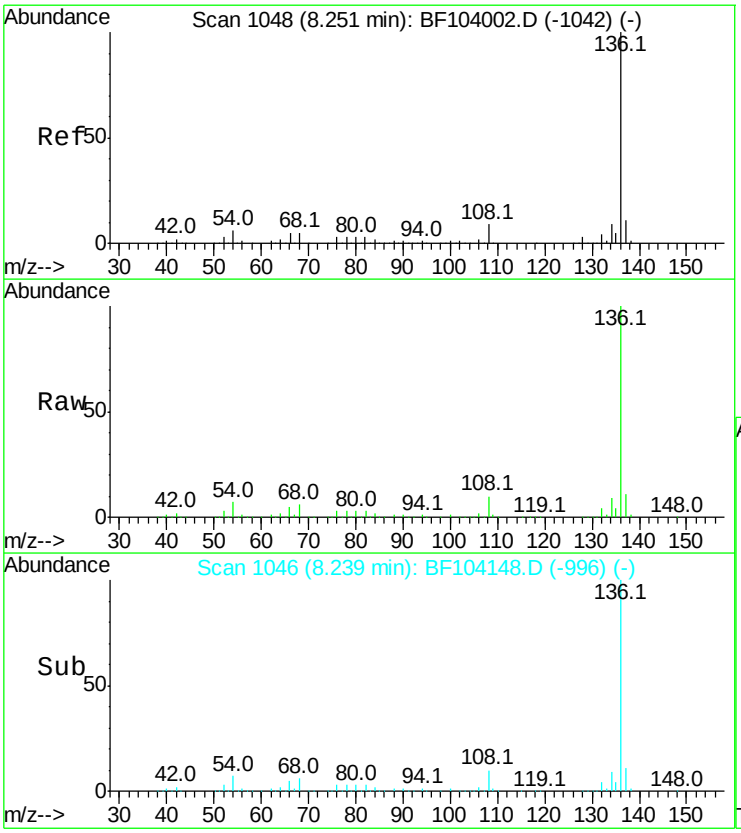
#7
Phenol-d6
Concen: 6.630 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 47589

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	35.1	25.4	38.0

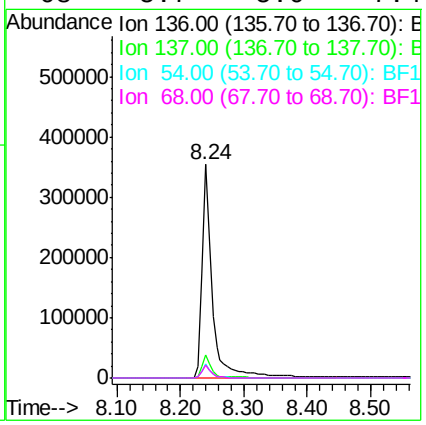


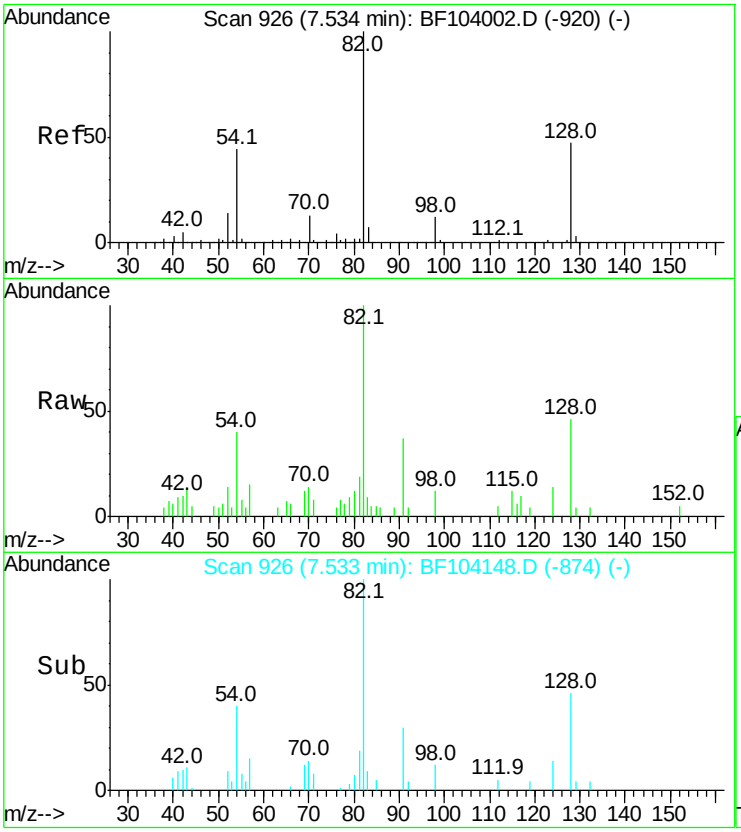


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:136 Resp: 408017

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8#
68	5.7	5.0	7.4



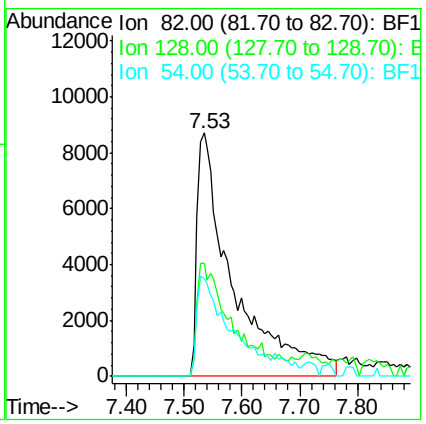


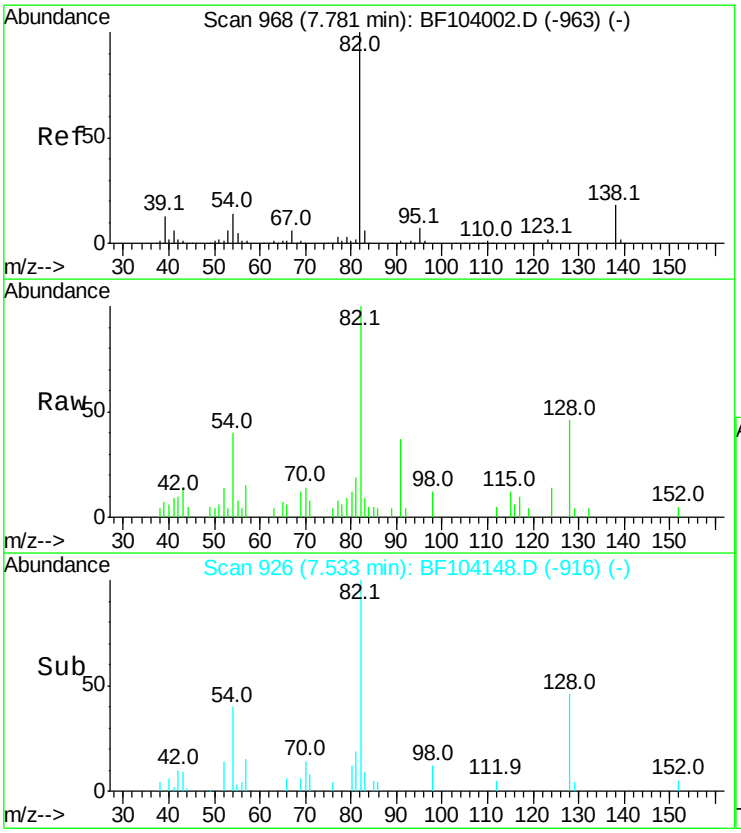
#23
Nitrobenzene-d5
Concen: 5.749 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 38353

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	40.3	41.4	62.2#

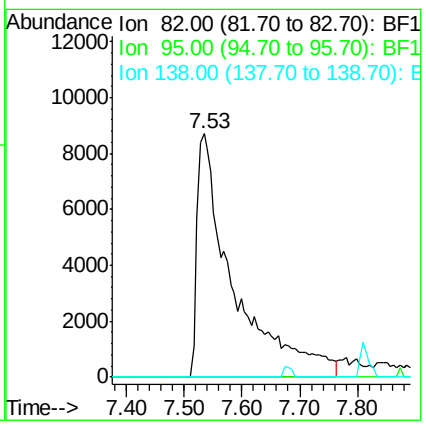


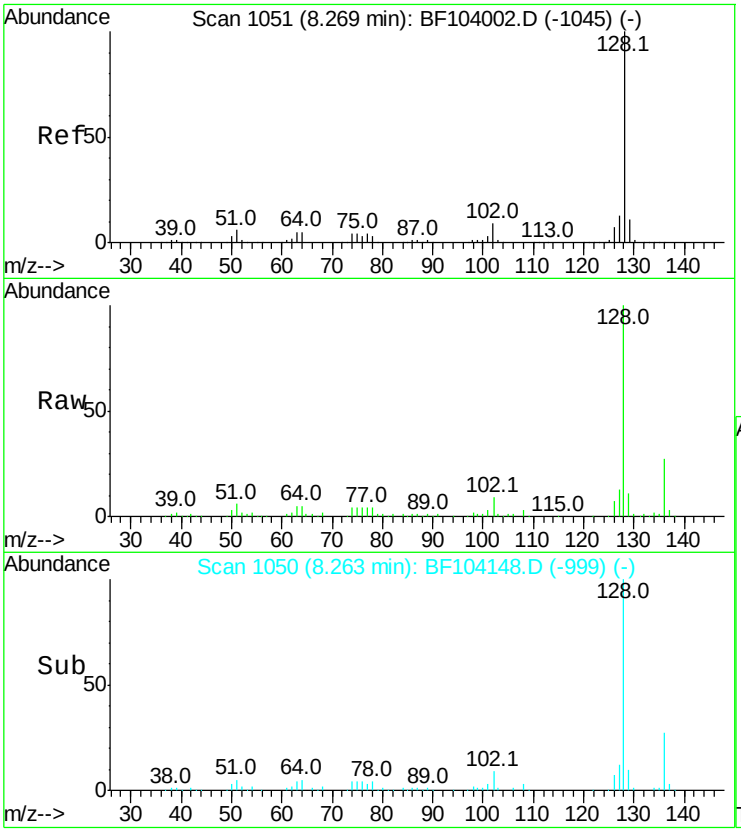


#25
Isophorone
Concen: 3.119 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.24 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion: 82 Resp: 38353

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

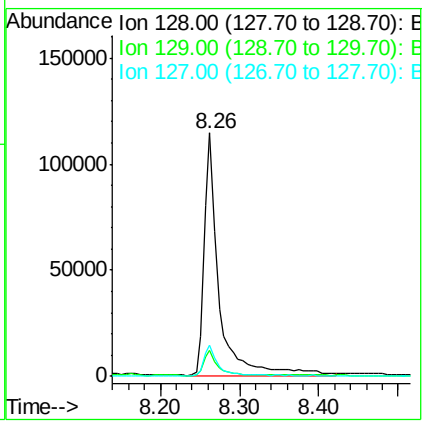




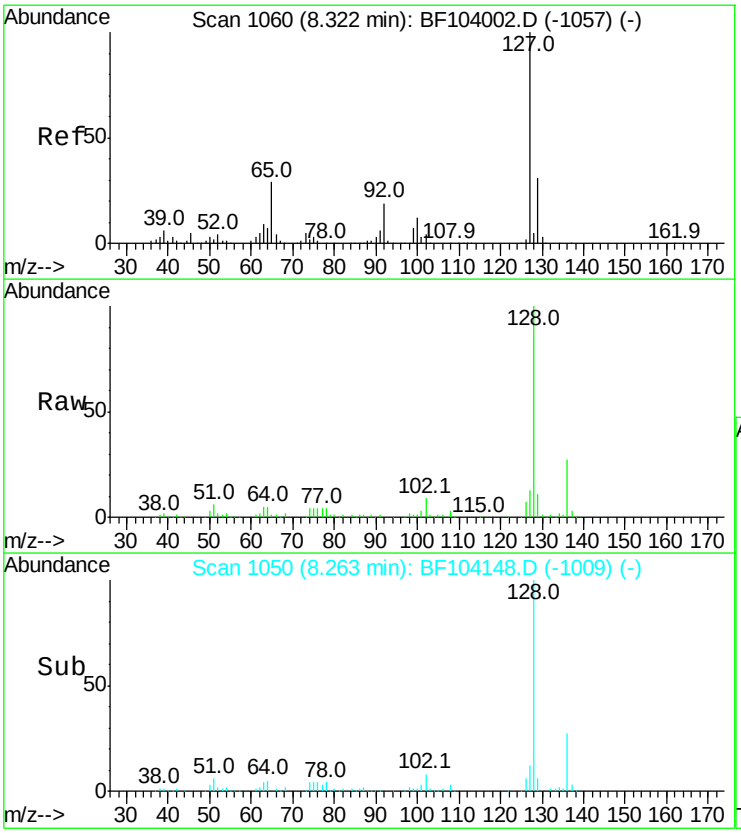
#31
Naphthalene
Concen: 7.516 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:128 Resp: 149811

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.7	10.9	16.3



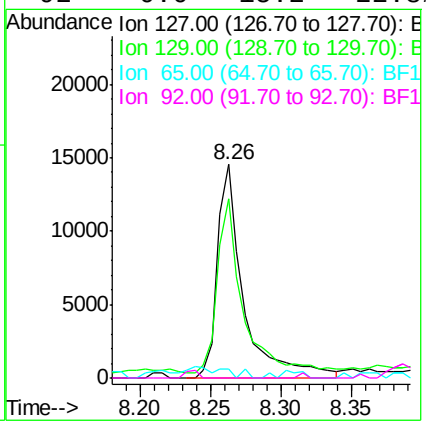
Instrument :
BNA_F
ClientSampleId :

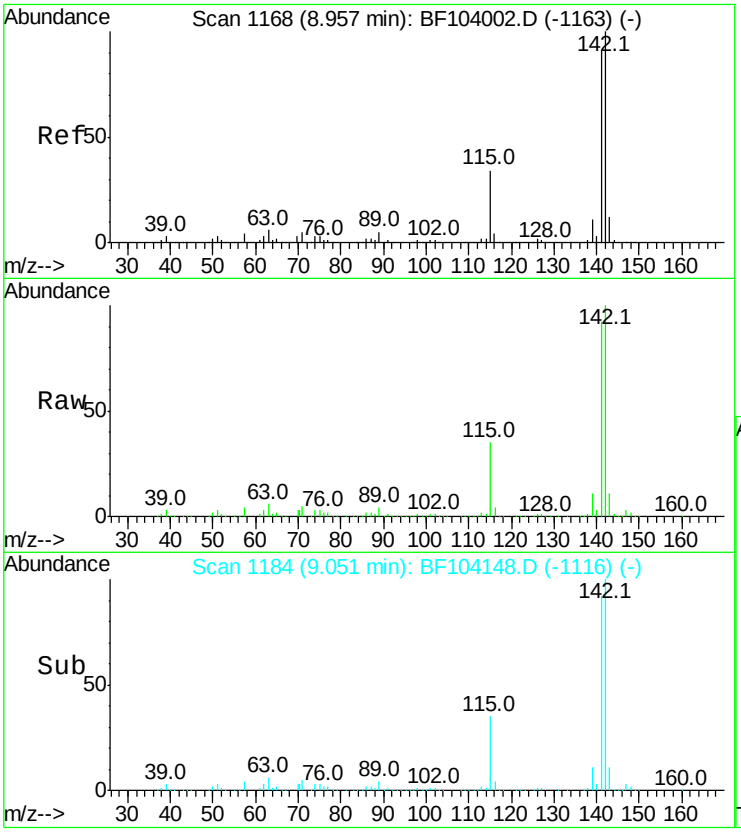


#33
4-Chloroaniline
Concen: 2.236 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:127 Resp: 18787

Ion	Ratio	Lower	Upper
127	100		
129	84.1	25.9	38.9#
65	4.3	25.0	37.4#
92	0.0	15.2	22.8#



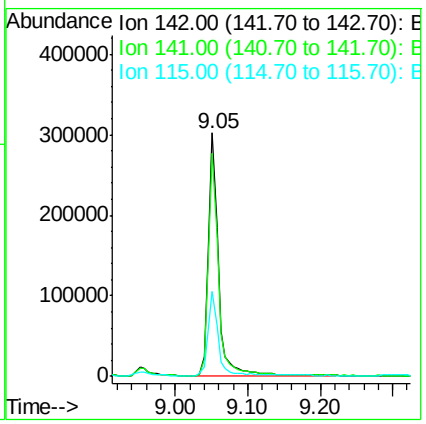


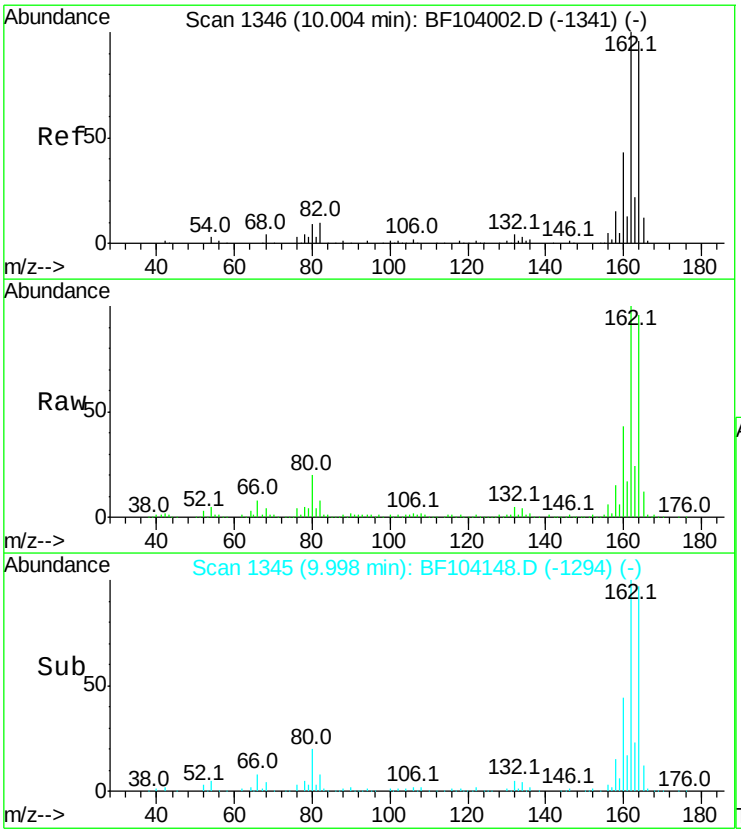
#37
2-Methylnaphthalene
Concen: 22.289 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.10 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 292659

Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.8	106.2
115	35.0	26.1	39.1

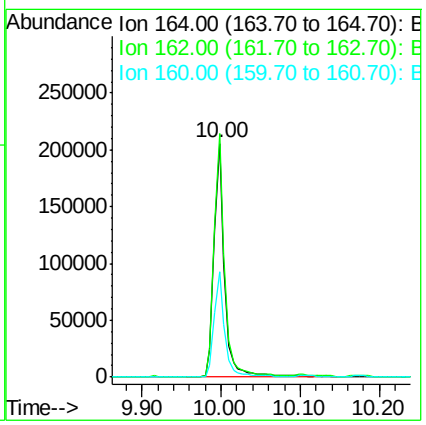


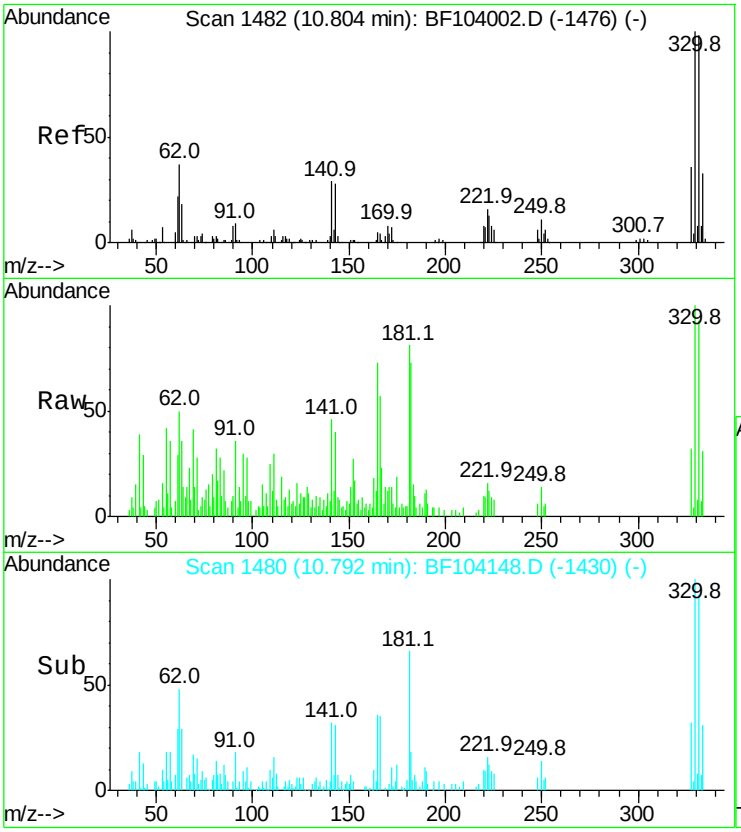


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:164 Resp: 193546

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.2	38.3	57.5



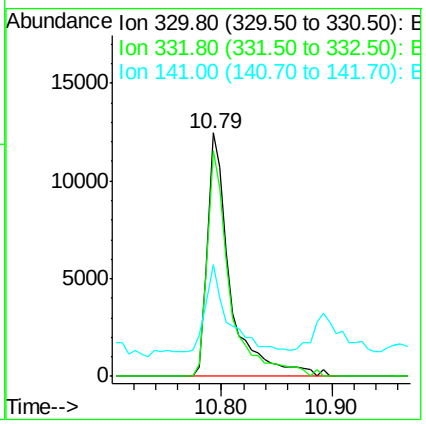


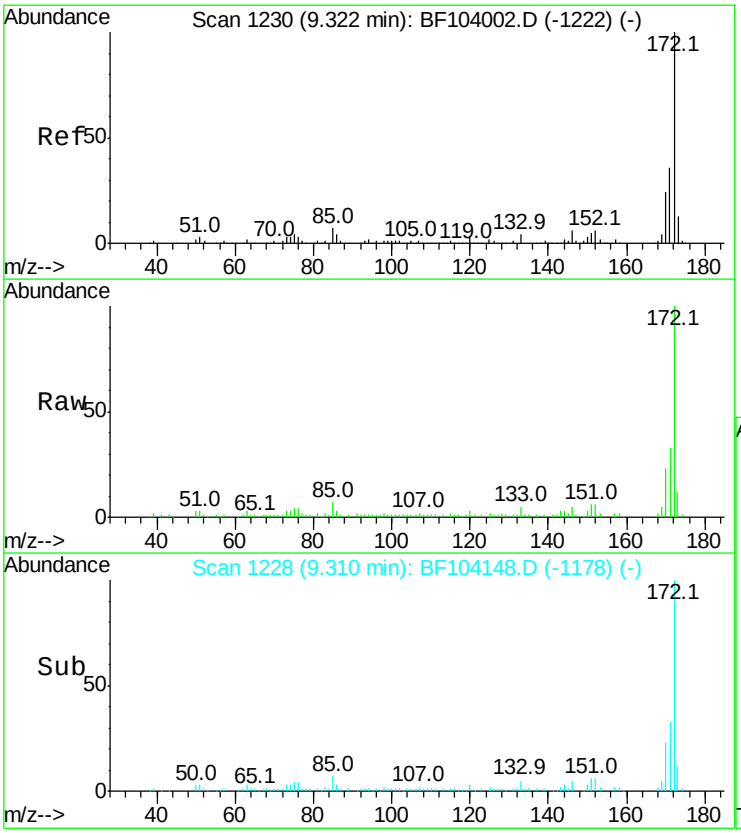
#41
2,4,6-Tribromophenol
Concen: 8.122 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 17503

Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.0	115.6
141	35.1	29.9	44.9

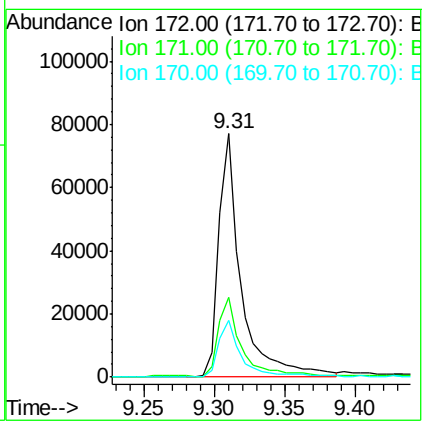


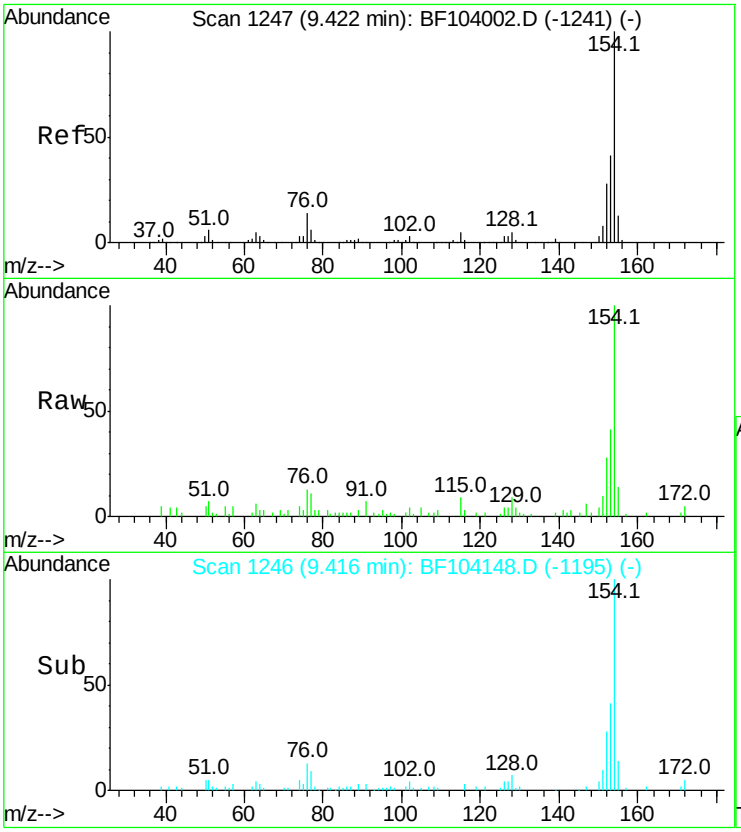


#44
2-Fluorobiphenyl
Concen: 6.965 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:172 Resp: 85487

Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.7	44.5
170	23.4	19.6	29.4



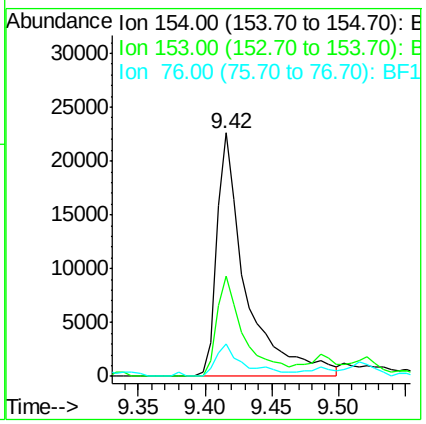


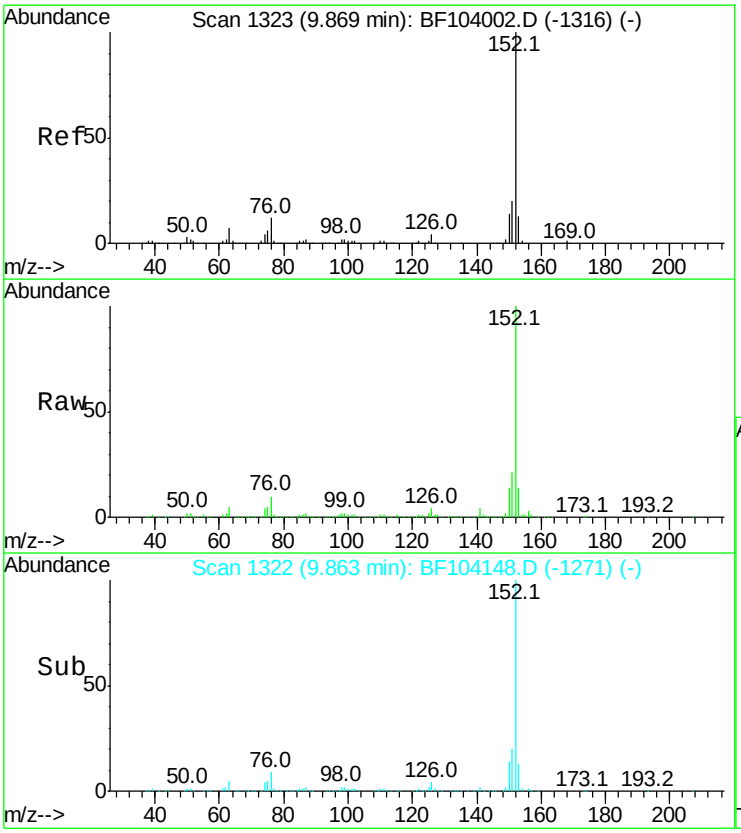
#45
1,1'-Biphenyl
Concen: 2.085 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 34641

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	13.4	0.0	34.0

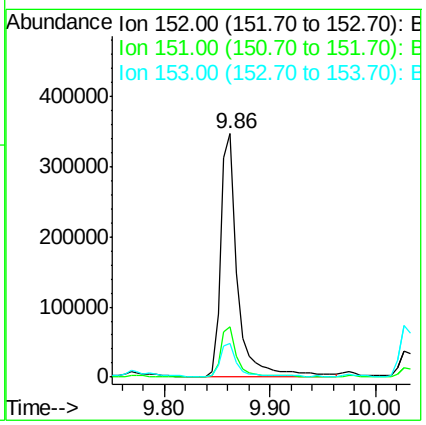


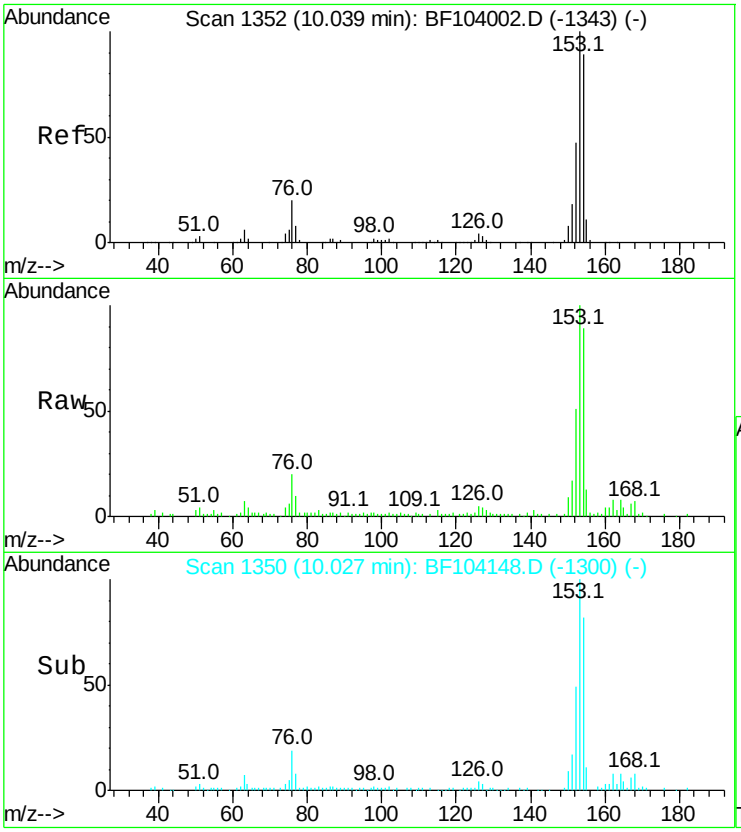


#48
Acenaphthylene
Concen: 19.436 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:152 Resp: 385823

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.7	10.7	16.1



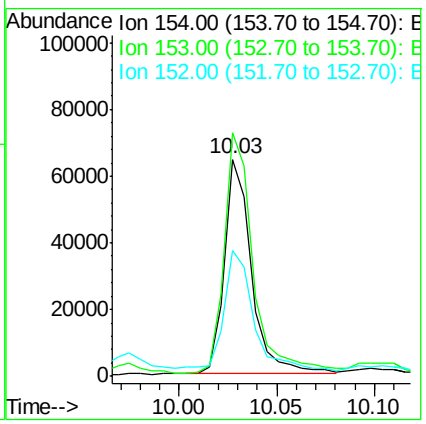


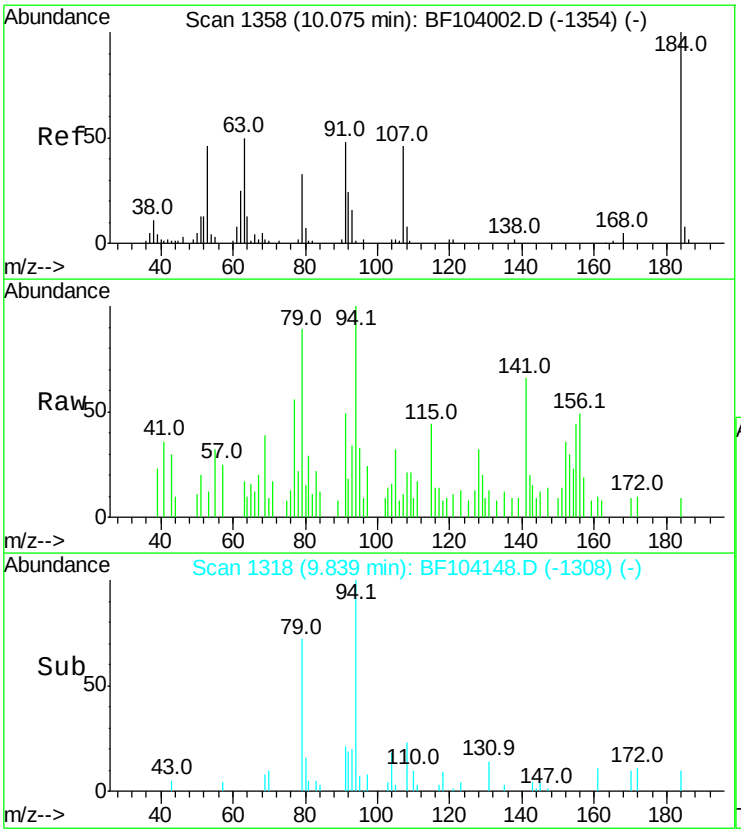
#51
Acenaphthene
Concen: 5.411 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 62140

Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.2	136.8
152	57.8	43.8	65.8

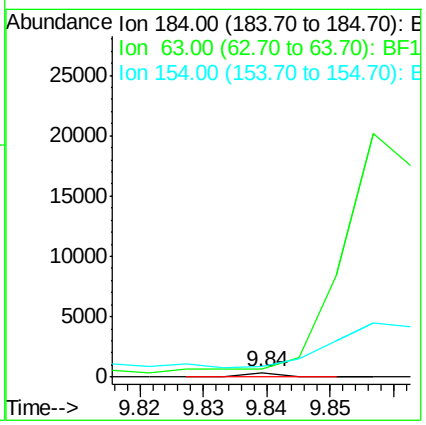


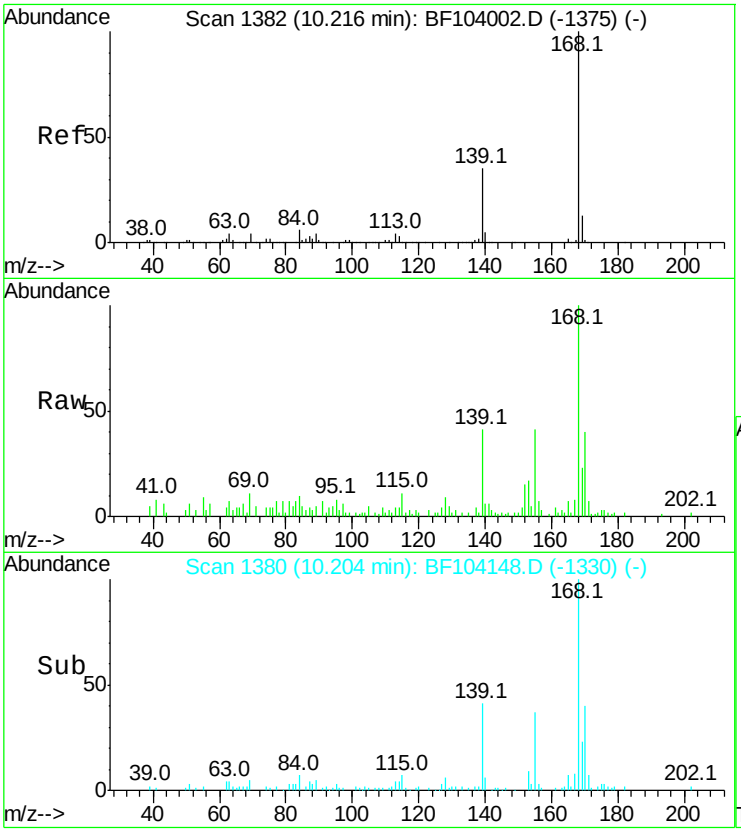


#53
2,4-Dinitrophenol
Concen: 5.653 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.24 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:184 Resp: 124

Ion	Ratio	Lower	Upper
184	100		
63	186.9	54.2	81.2#
154	252.9	184.0	276.0



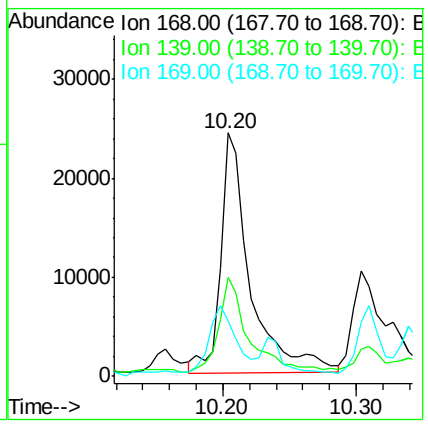


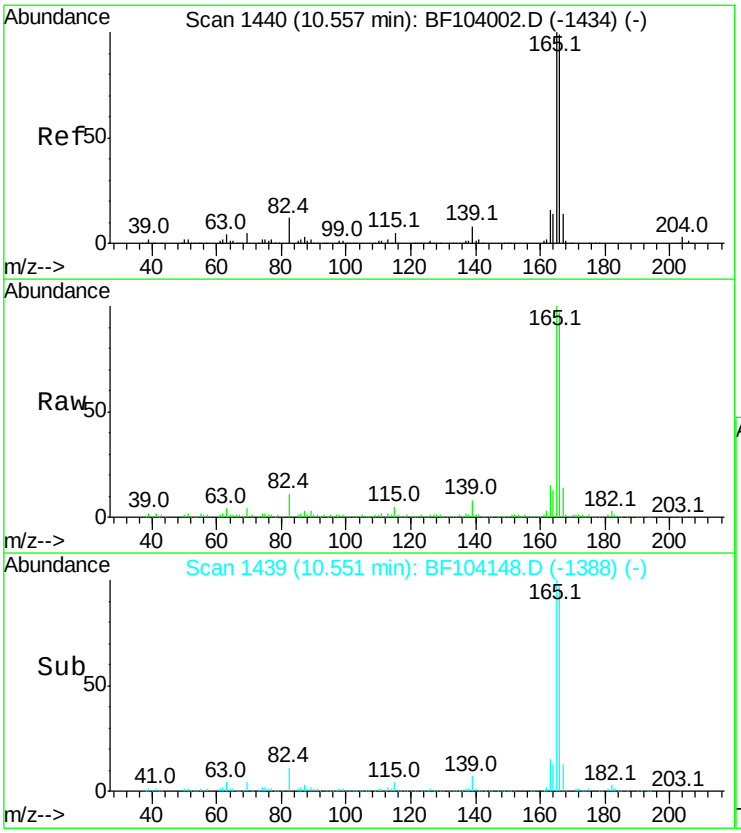
#54
Dibenzofuran
Concen: 2.229 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 37382

Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.1	45.1
169	22.5	10.9	16.3#

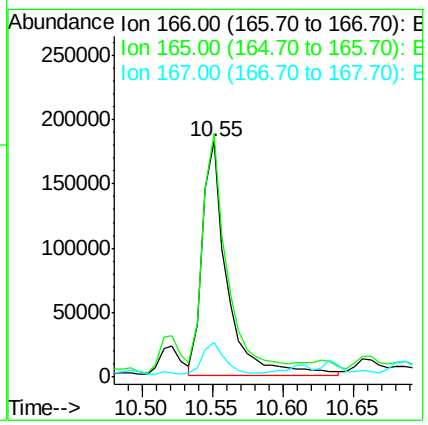


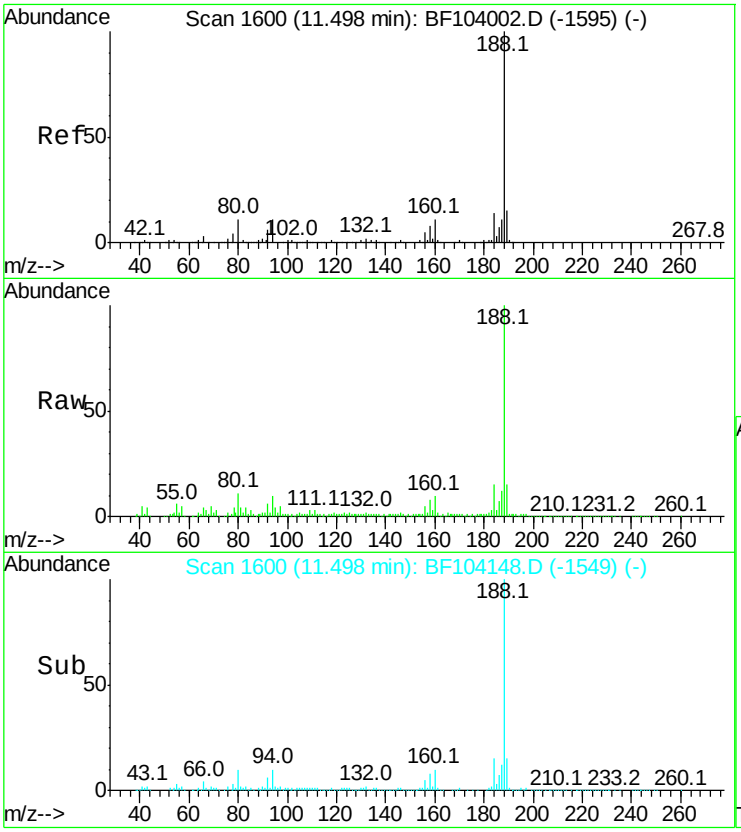


#57
Fluorene
Concen: 16.078 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:166 Resp: 222402

Ion	Ratio	Lower	Upper
166	100		
165	103.3	79.8	119.8
167	14.7	10.6	16.0



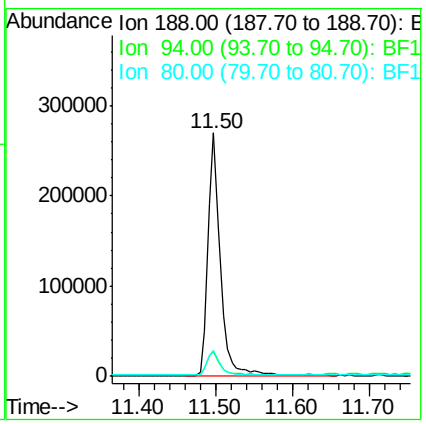


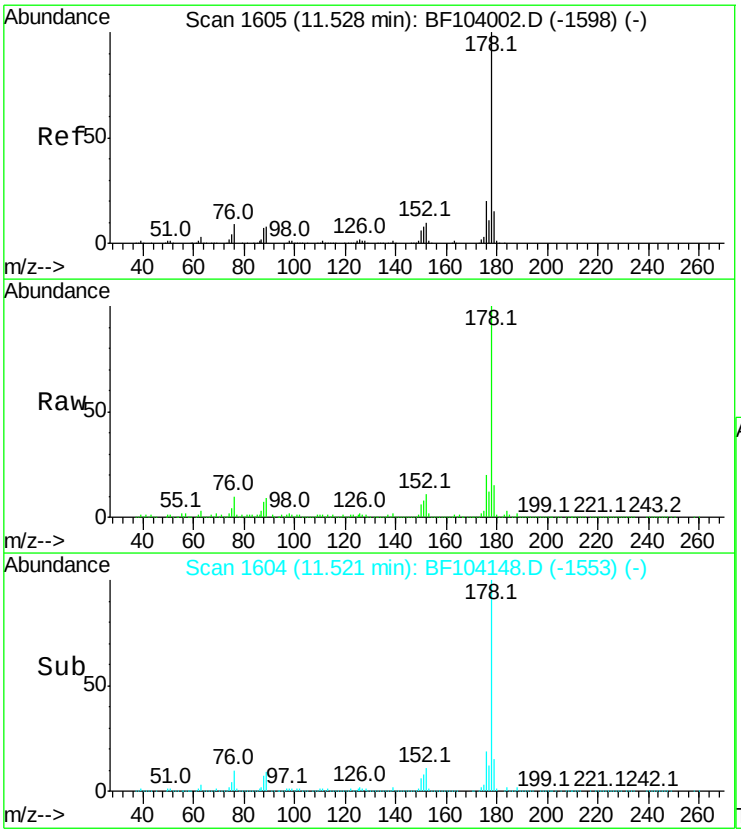
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 302782

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.6	9.2	13.8

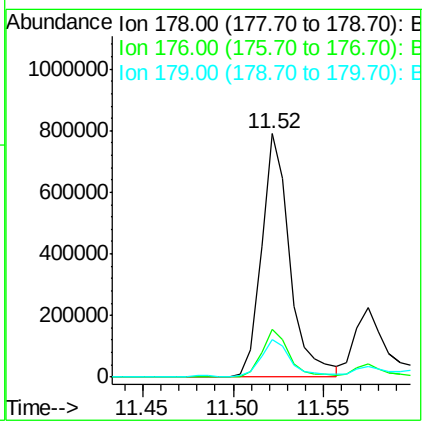


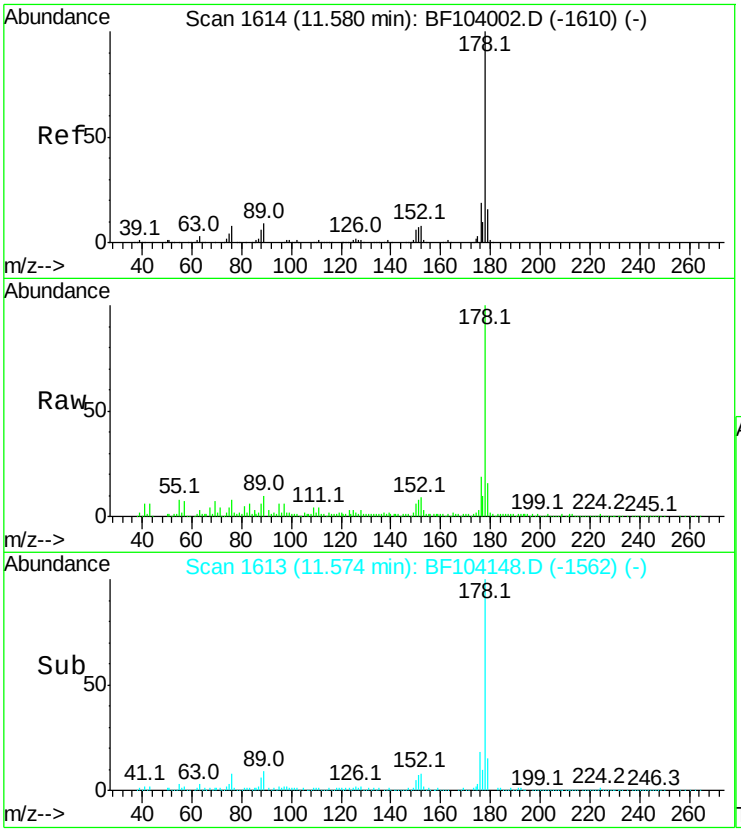


#70
Phenanthrene
Concen: 51.870 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:178 Resp: 850306

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	13.0	19.6



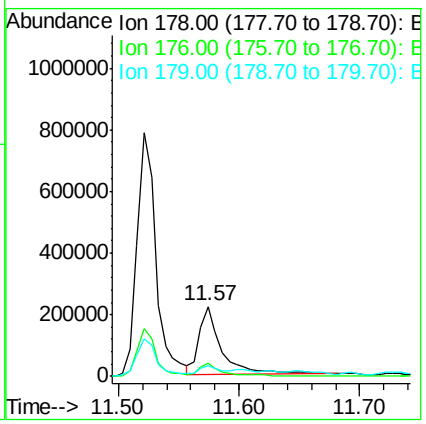


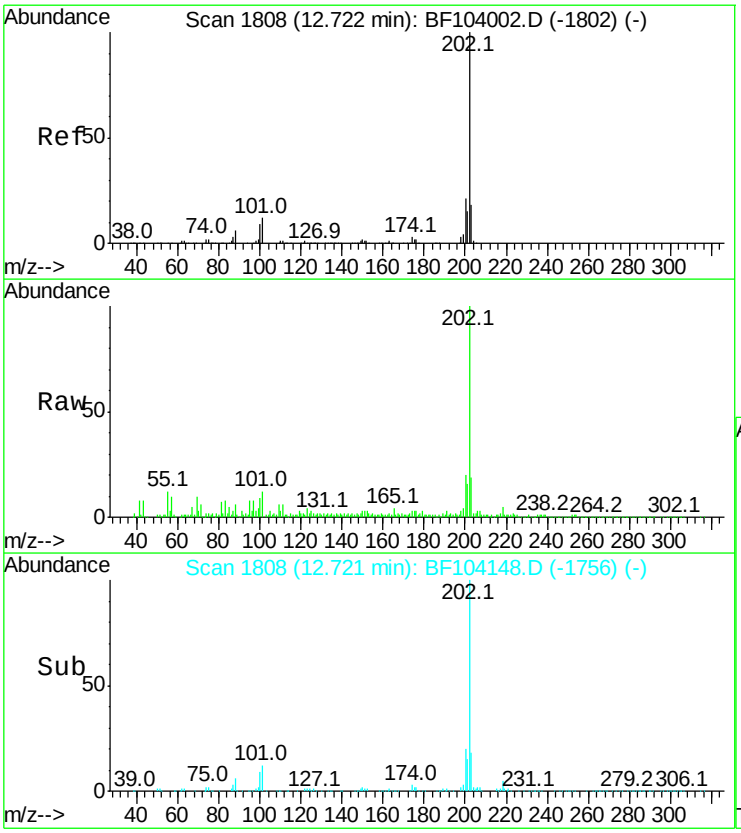
#71
Anthracene
Concen: 17.035 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 291687

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.0	12.6	19.0

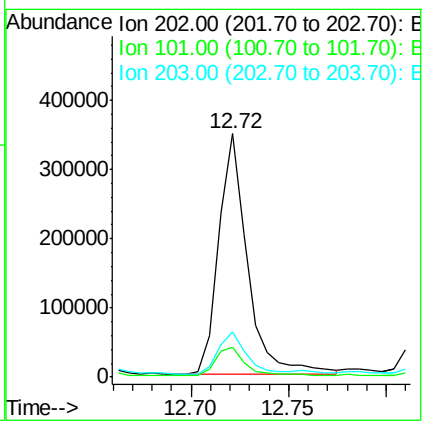


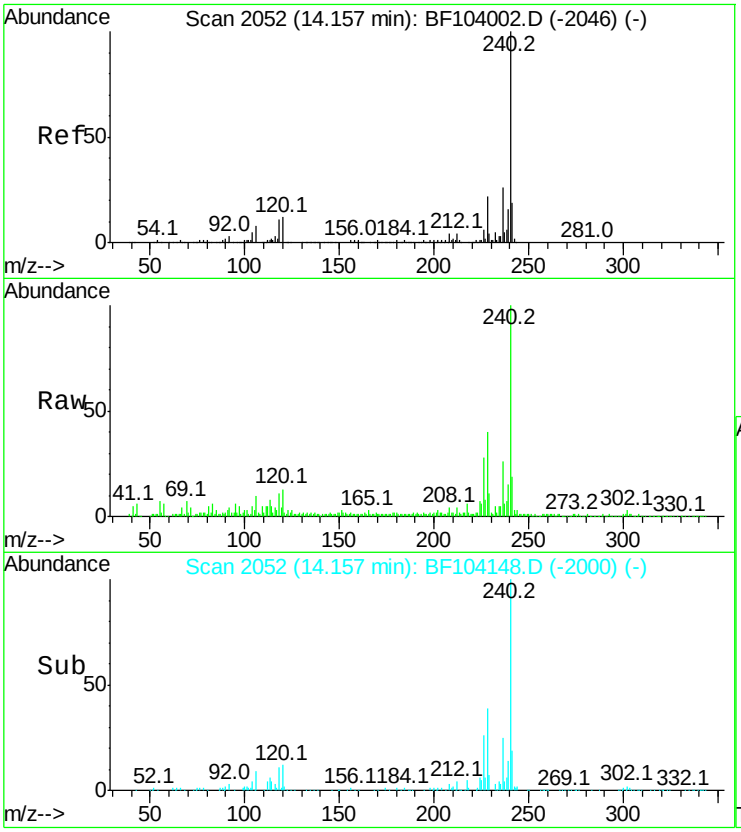


#74
Fluoranthene
Concen: 20.539 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:202 Resp: 357891

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	18.7	0.0	38.1



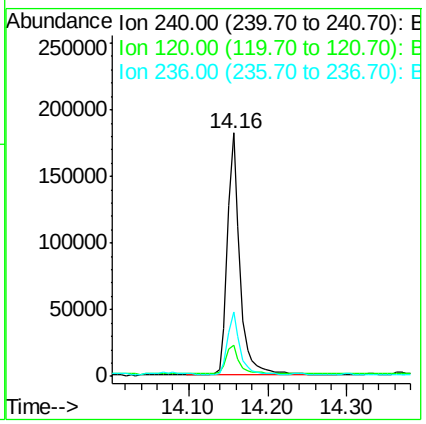


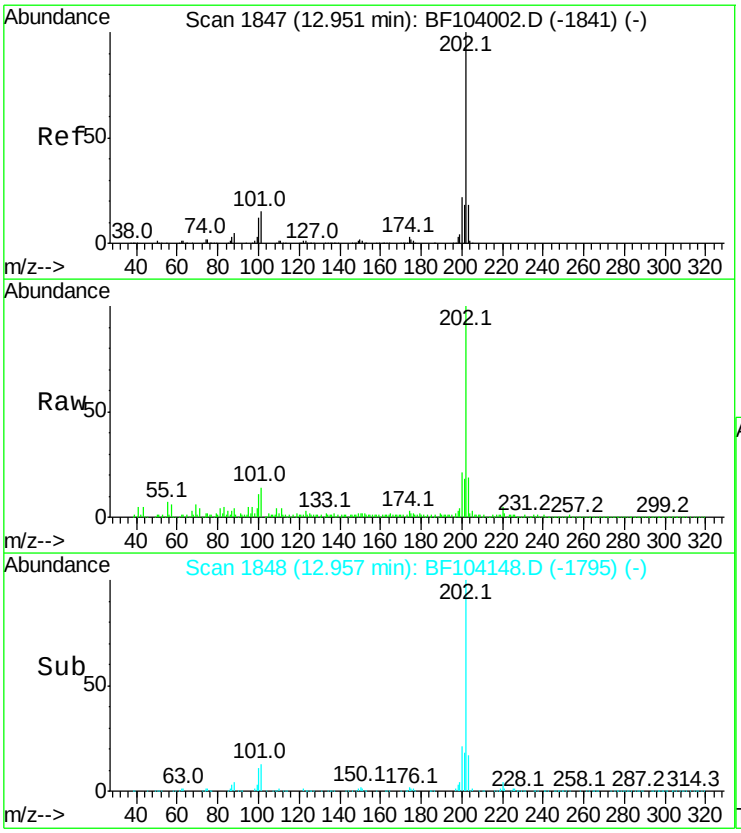
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 199121

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.3	20.7	31.1

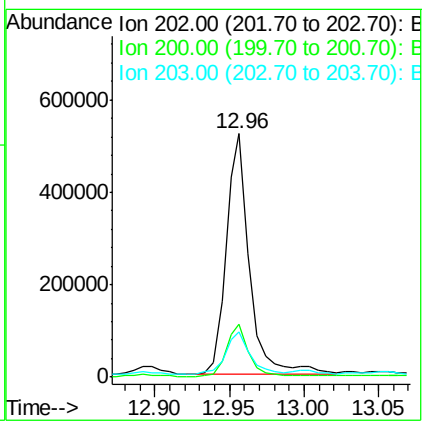


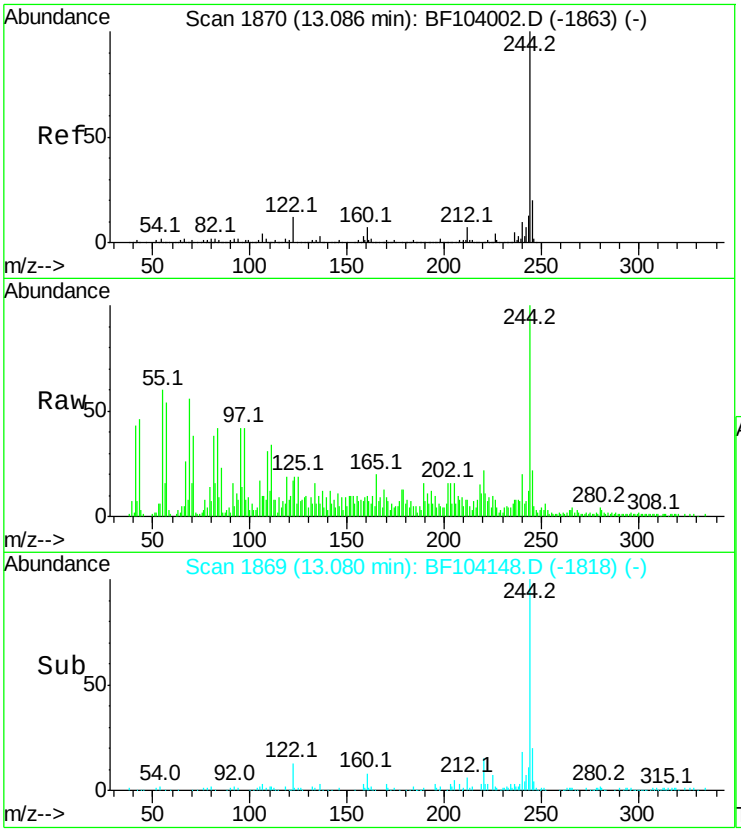


#77
Pyrene
Concen: 39.969 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:202 Resp: 572113

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.7	14.3	21.5



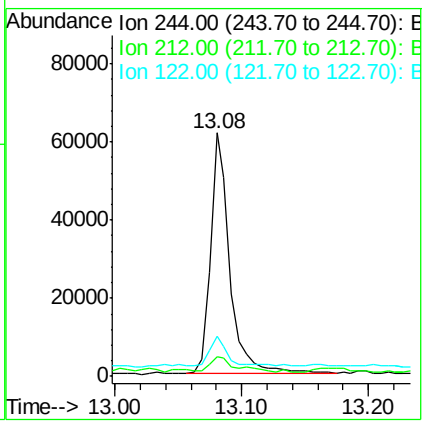


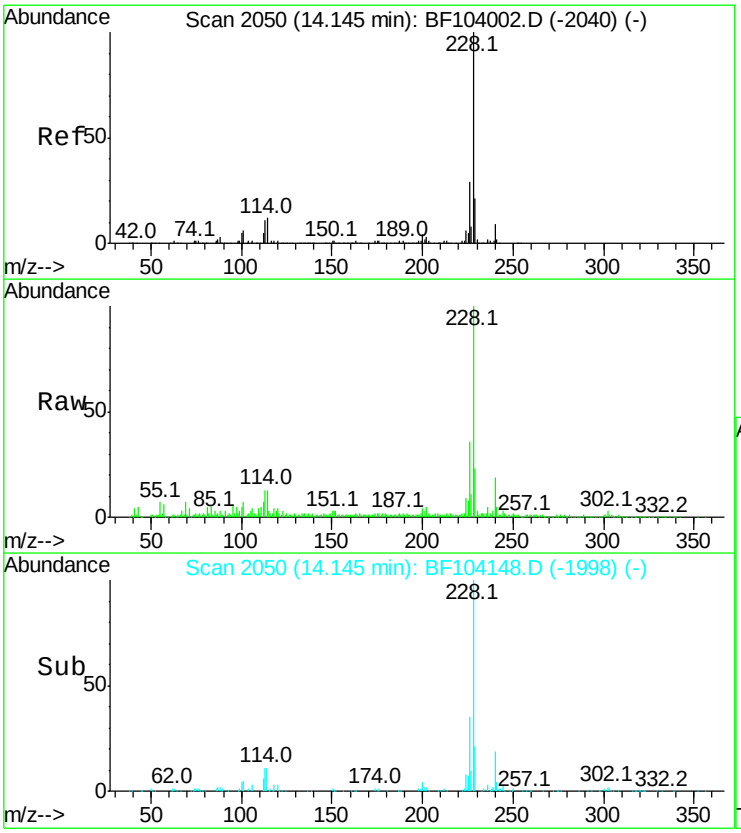
#78
Terphenyl-d14
Concen: 7.560 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 65200

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.4	8.0#
122	16.6	11.0	16.4#

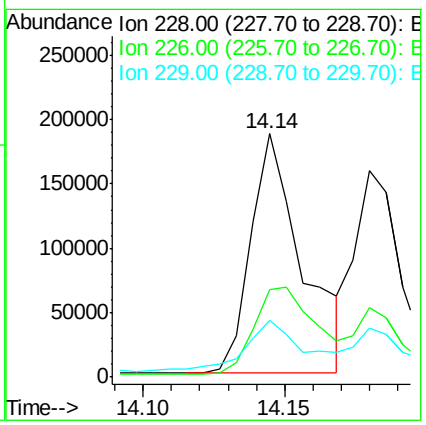


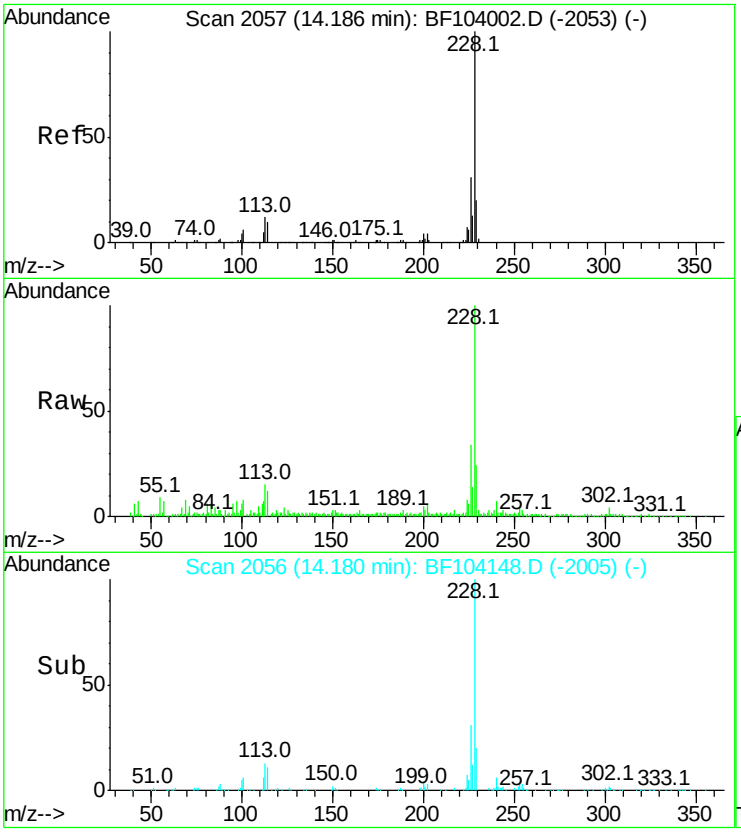


#80
Benzo(a)anthracene
Concen: 18.830 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:228 Resp: 234606

Ion	Ratio	Lower	Upper
228	100		
226	35.7	22.6	33.8#
229	23.2	15.8	23.6



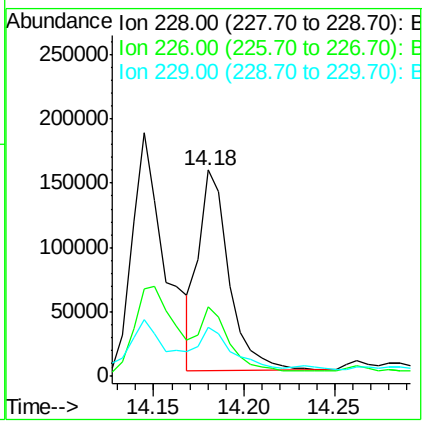


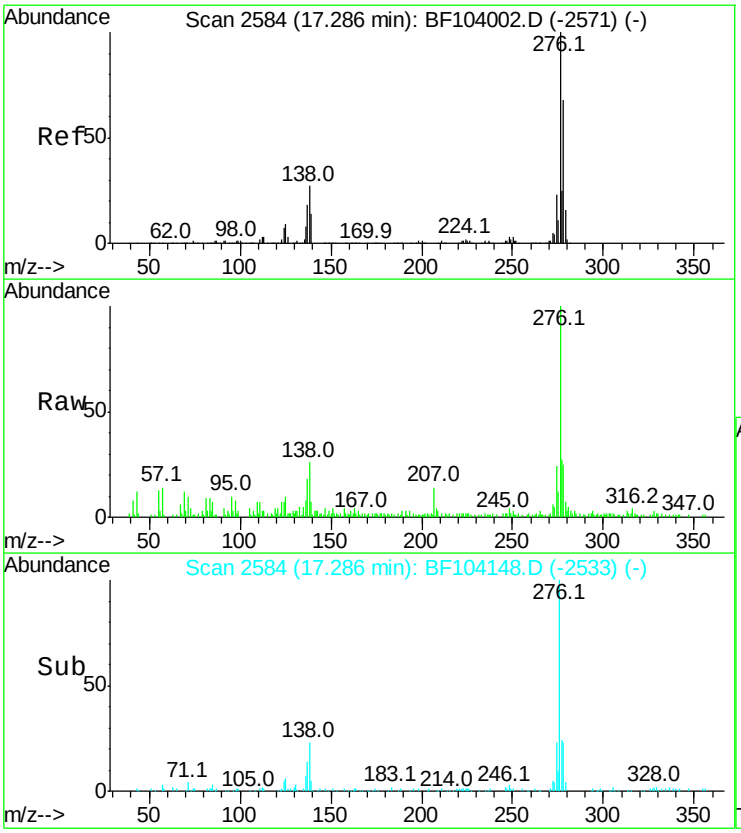
#82
Chrysene
Concen: 14.848 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 181192

Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.0	37.6
229	23.7	16.2	24.4

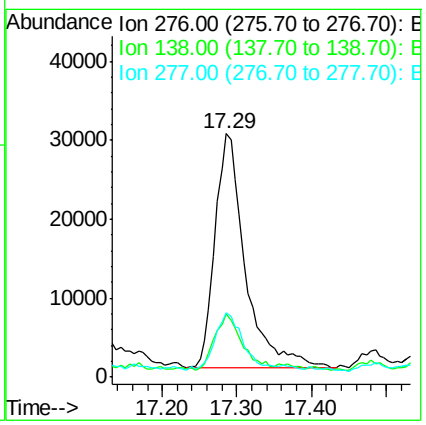


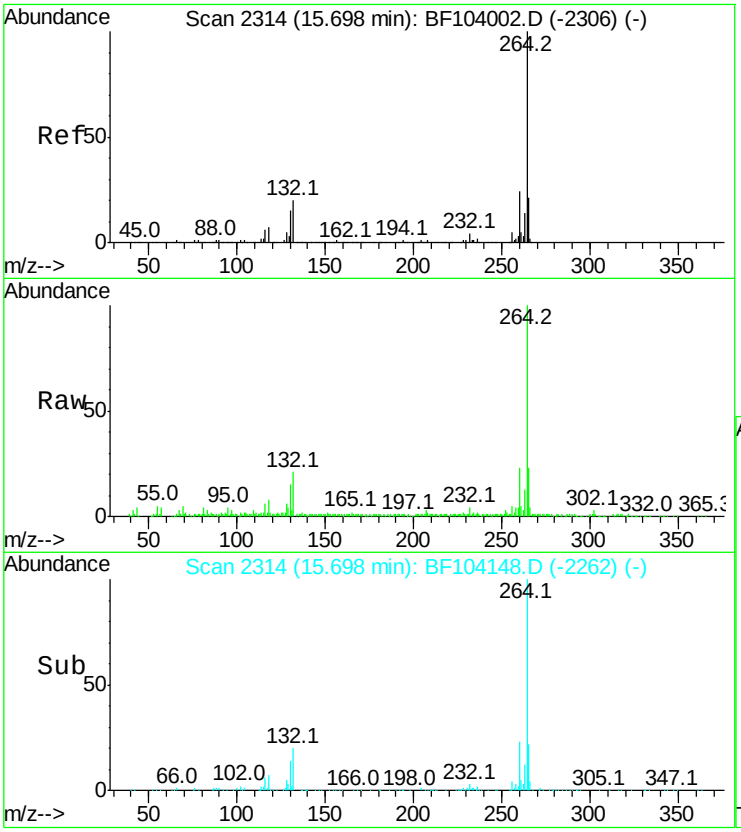


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.586 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:276 Resp: 83281

Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	23.0	20.1	30.1



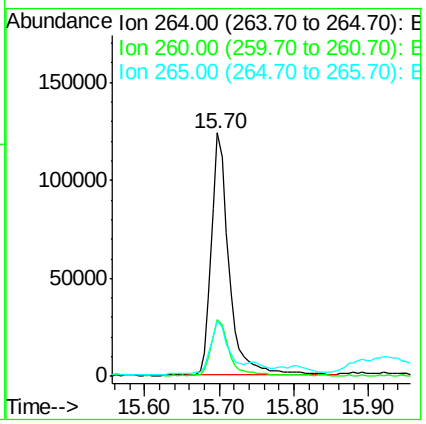


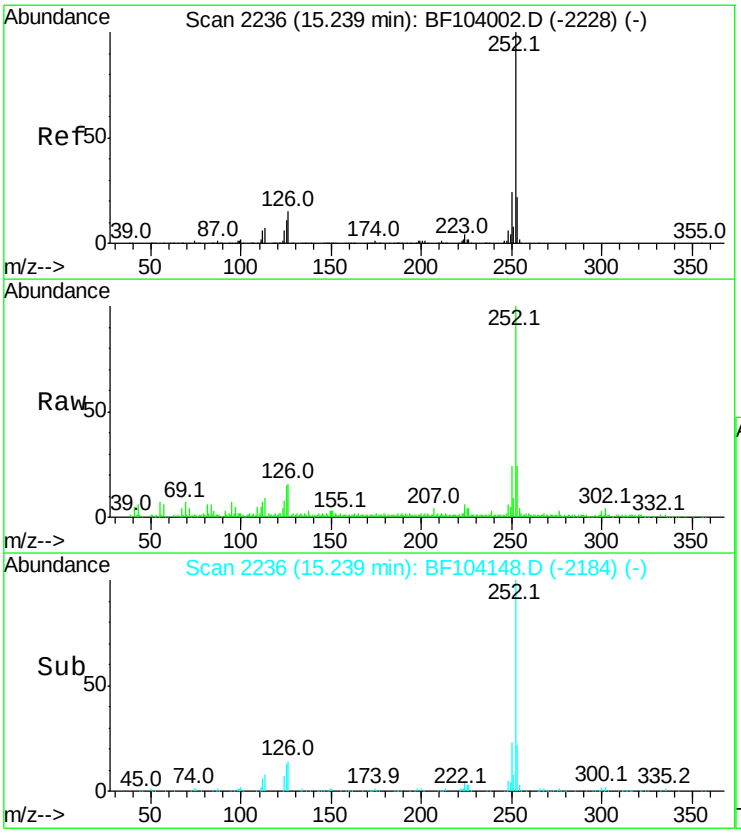
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 204500

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.7	17.5	26.3

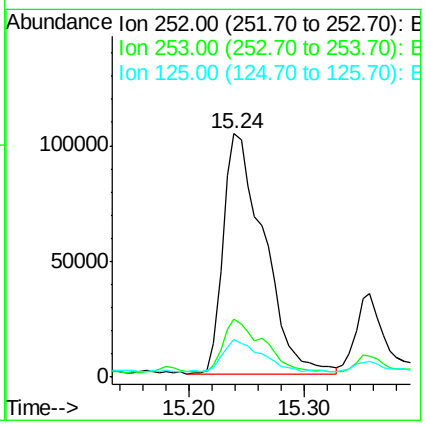


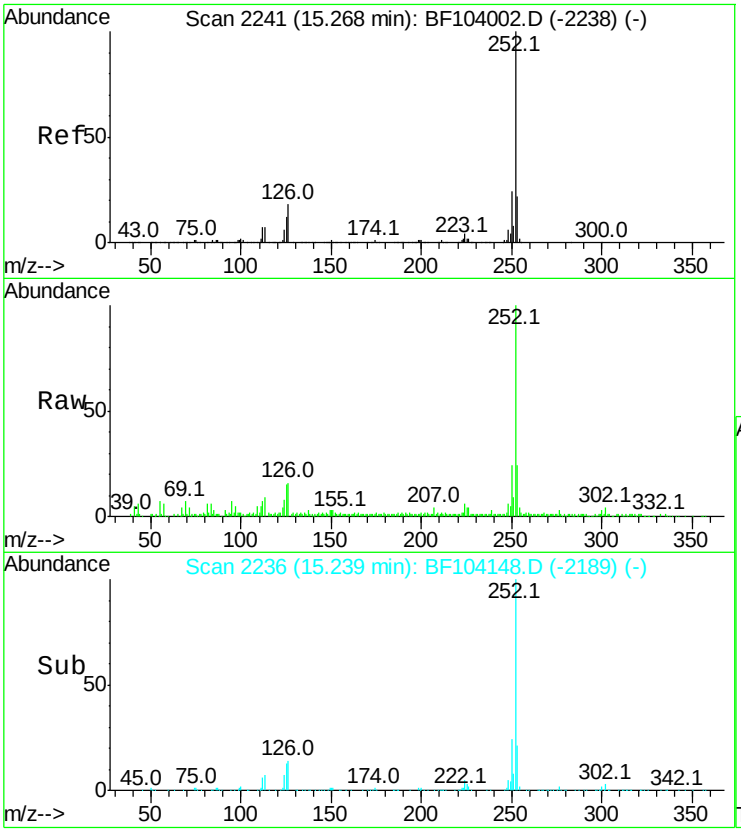


#87
Benzo(b)fluoranthene
Concen: 20.410 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:252 Resp: 254014

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	15.2	9.0	13.6#



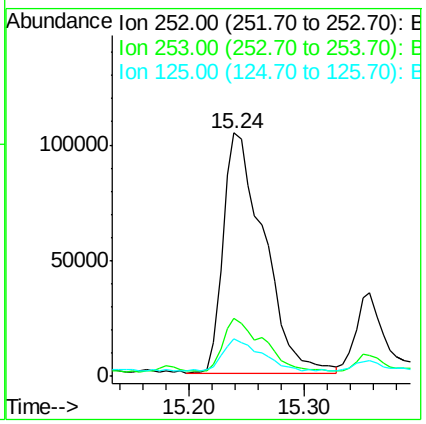


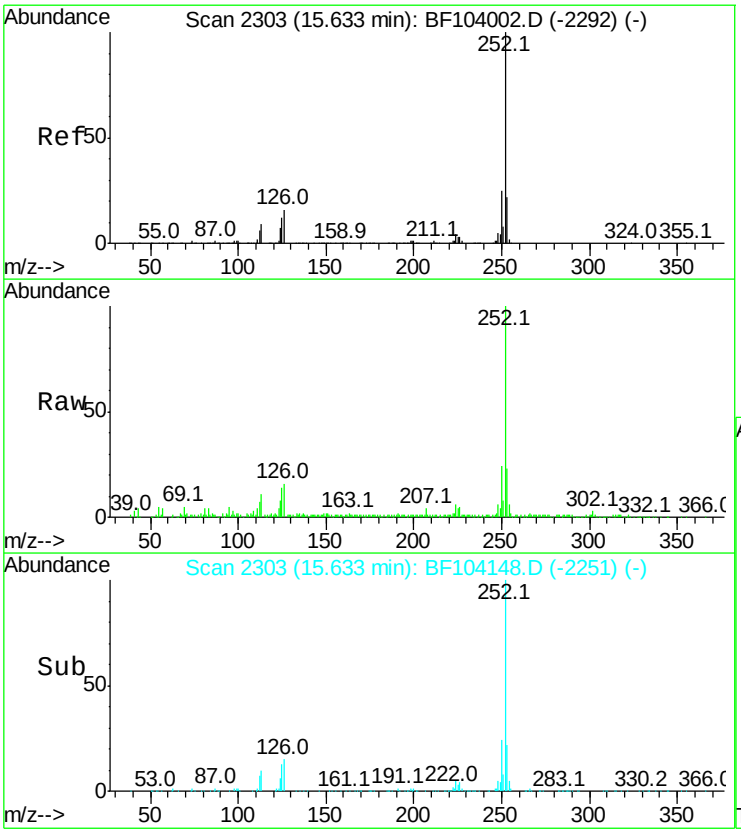
#88
Benzo(k)fluoranthene
Concen: 21.666 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 254014

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	15.2	10.2	15.2

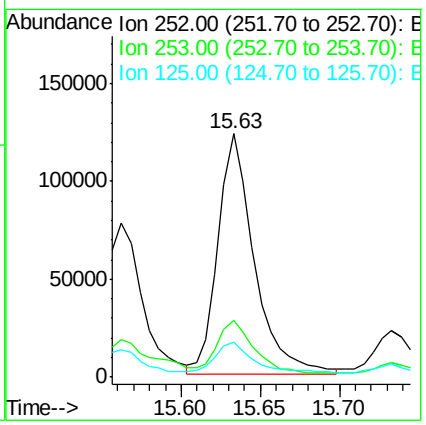


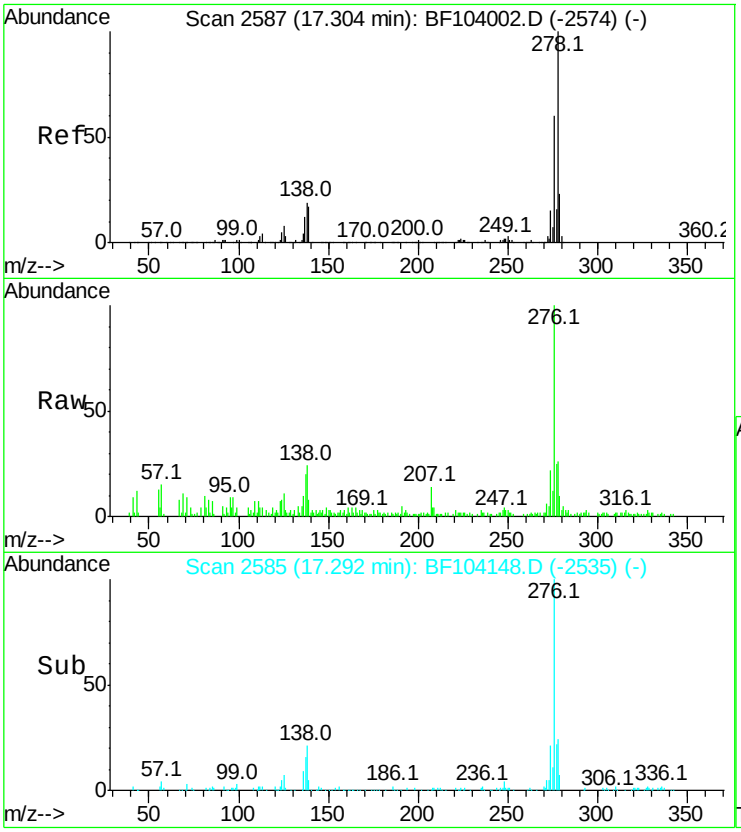


#89
Benzo(a)pyrene
Concen: 17.053 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:252 Resp: 196674

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.4	9.8	14.6



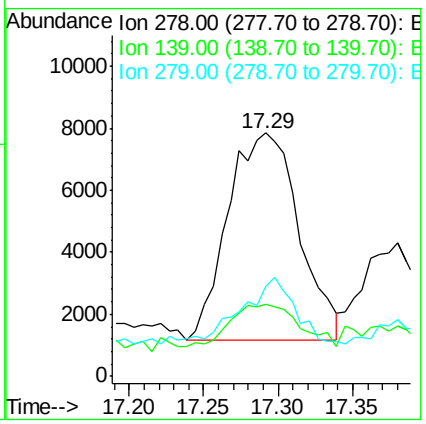


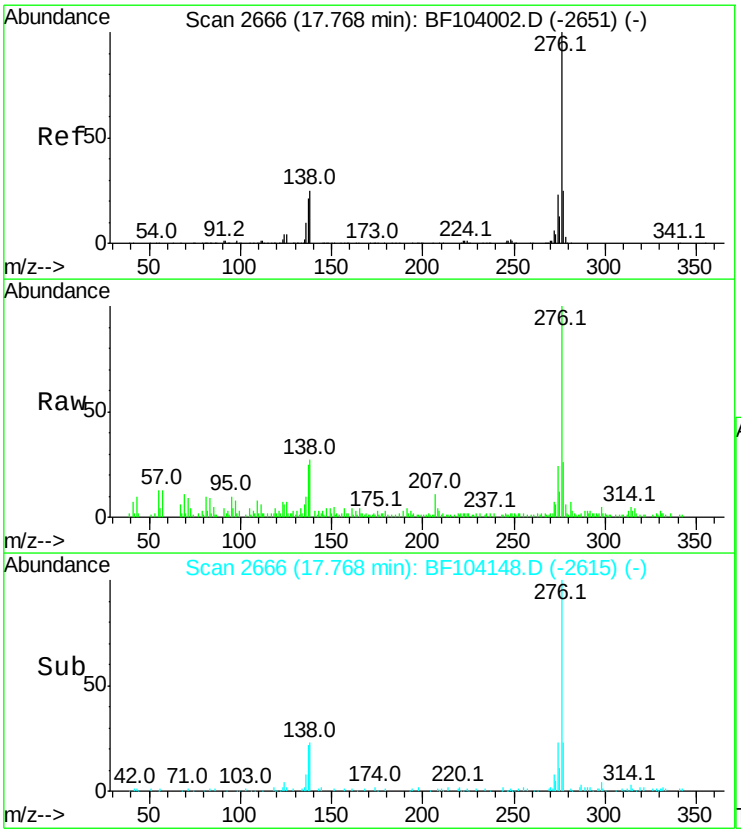
#90
Dibenzo(a,h)anthracene
Concen: 2.082 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 22198

Ion	Ratio	Lower	Upper
278	100		
139	29.6	15.9	23.9#
279	37.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 7.806 ng
RT: 17.77 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BF104148.D
Acq: 2 Apr 2018 20:56

Tgt Ion:276 Resp: 83372

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	27.2	21.8	32.8