Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 14 18:11:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118115	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	500814	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	208745	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	297586	20.00	ng		0.00
75) Chrysene-d12	14.06	240	196066	20.00	ng		0.00
86) Perylene-d12	15.57	264	171621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	491534	62.94	ng		0.00
7) Phenol-d6	6.50	99	712928	74.60	ng		0.00
23) Nitrobenzene-d5	7.43	82	438863	50.04	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	83964	47.52	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	683171	51.03	ng		0.00
78) Terphenyl-d14	12.98	244	418723	51.34	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	679	Below Cal		#	1
25) Isophorone	7.43	82	438863	25.409	ng	#	64
31) Naphthalene	8.16	128	573023	23.371	ng		99
32) Benzoic acid	8.02	122	1876	7.225	ng	#	54
33) 4-Chloroaniline	8.16	127	72629	6.864	ng	#	34
37) 2-Methylnaphthalene	8.85	142	350031	22.089	ng		98
45) 1,1'-Biphenyl	9.32	154	69601	3.979	ng		97
48) Acenaphthylene	9.76	152	253361	11.899	ng		97
51) Acenaphthene	9.93	154	63761	5.136	ng		94
53) 2,4-Dinitrophenol	10.07	184	132	9.713	ng	#	1
54) Dibenzofuran	10.11	168	72594	4.259	ng	#	90
57) Fluorene	10.45	166	312826	21.547	ng		99
64) 4,6-Dinitro-2-methylphenol	10.70	198	692	5.288	ng	#	1
70) Phenanthrene	11.42	178	1332106	81.340	ng		99
71) Anthracene	11.47	178	342523	20.396	ng		98
72) Carbazole	11.65	167	43809	2.620	ng	#	84
73) Di-n-butylphthalate	11.94	149	131009	6.260	ng		97
74) Fluoranthene	12.62	202	760014	46.181	ng		99
77) Pyrene	12.85	202	987248	64.583	ng		99
80) Benzo(a)anthracene	14.09	228	364766	28.673	ng		92
82) Chrysene	14.09	228	364766	29.530	ng		96
85) Indeno(1,2,3-cd)pyrene	17.14	276	106151	10.855	ng		93
87) Benzo(b)fluoranthene	15.13	252	362881	32.159	ng	#	93
88) Benzo(k)fluoranthene	15.13	252	362881	34.151	ng	#	96
89) Benzo(a)pyrene	15.52	252	253845	25.192	ng	#	92
90) Dibenzo(a,h)anthracene	17.13	278	23363	3.001	ng	#	50
91) Benzo(g,h,i)perylene	17.61	276	115580	15.188	ng		92

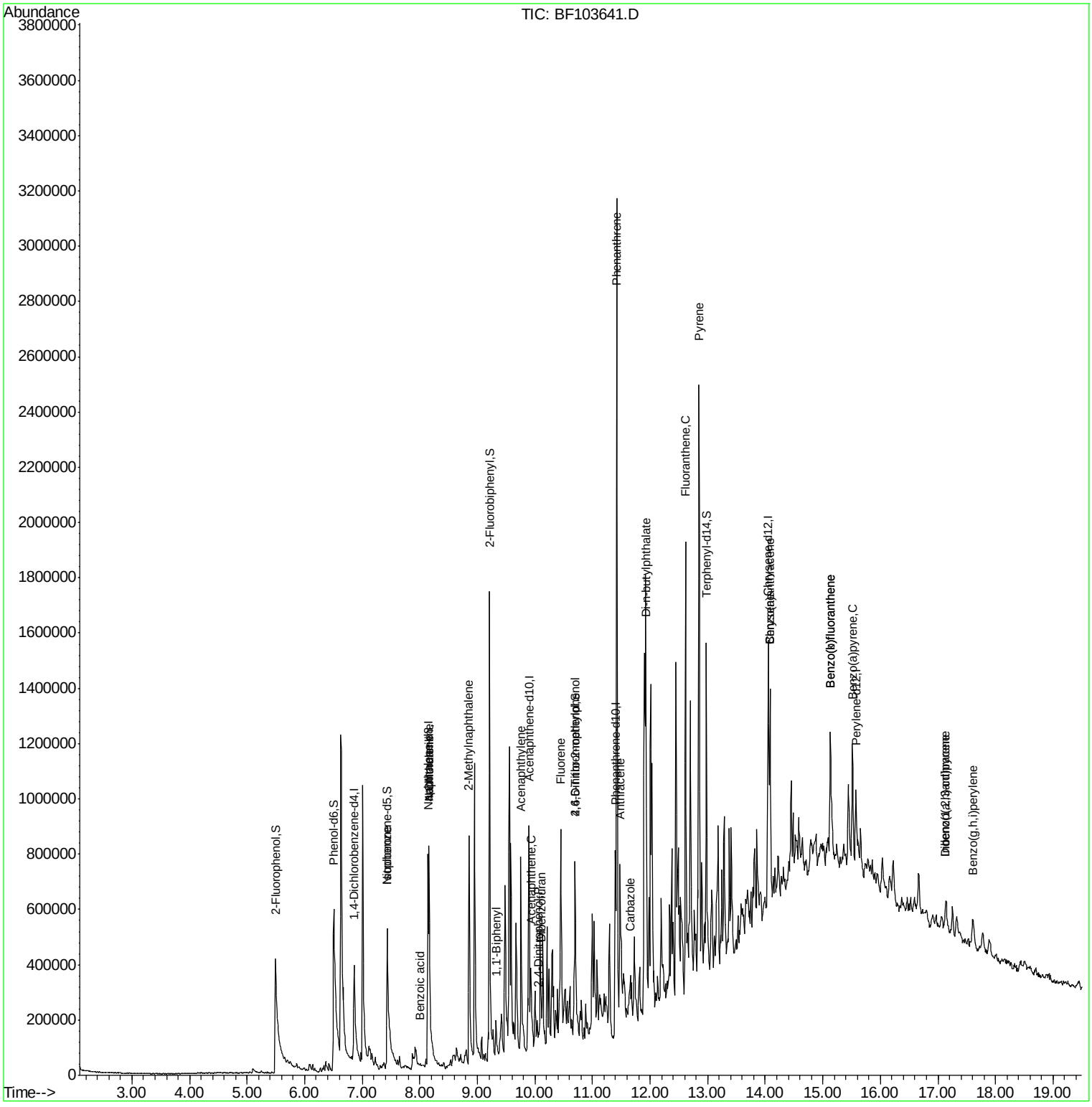
(#) = qualifier out of range (m) = manual integration (+) = signals summed

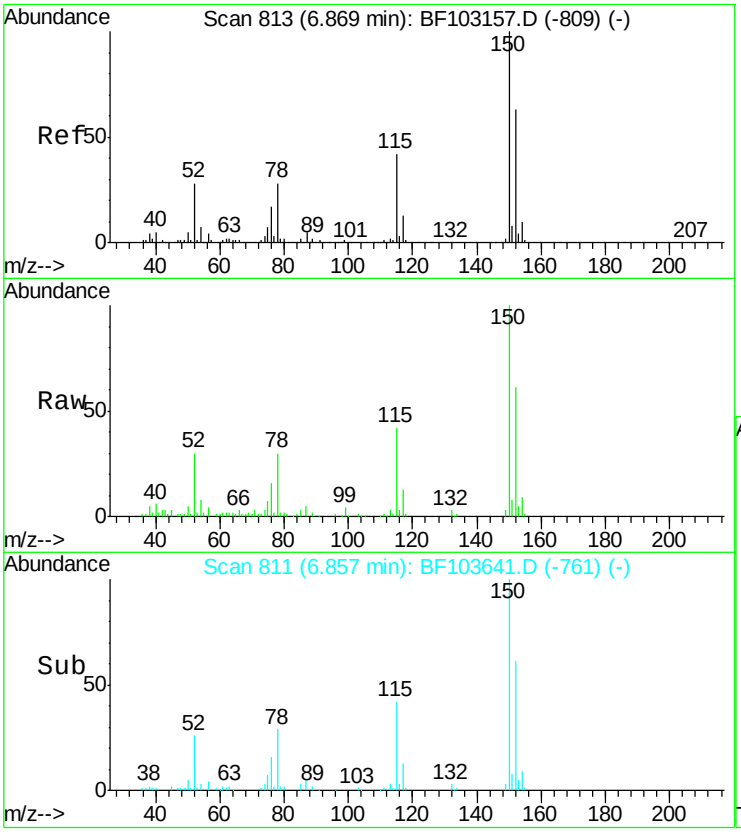
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 14 18:11:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration



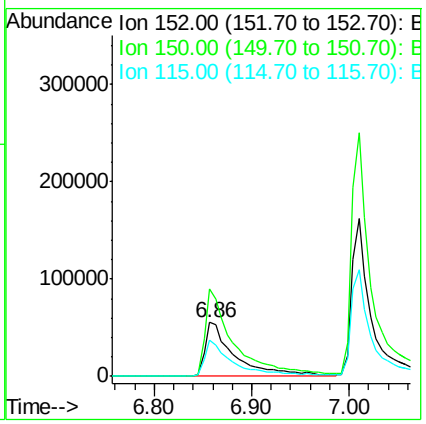


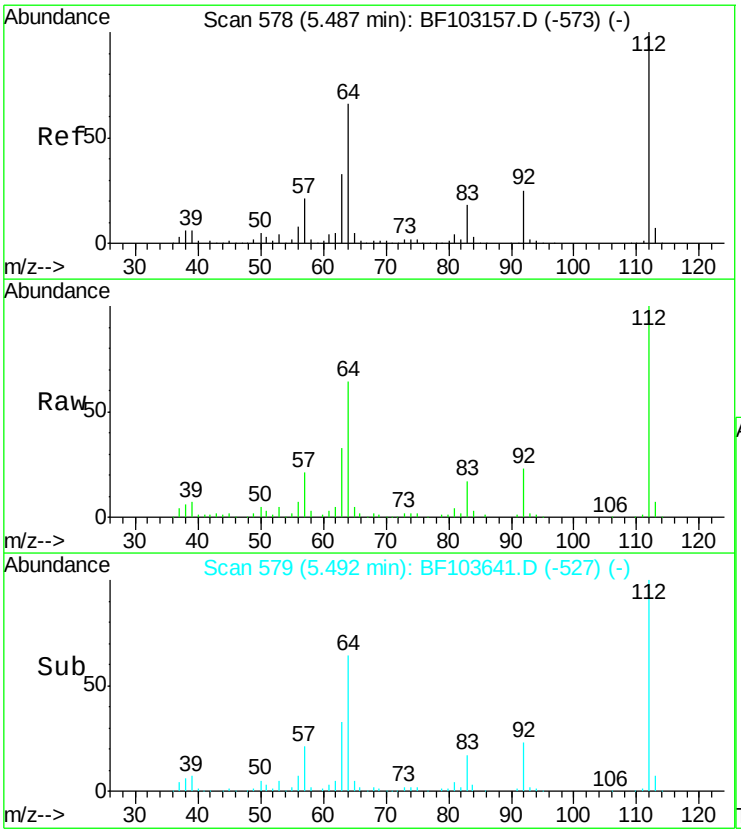
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118115

Ion	Ratio	Lower	Upper
152	100		
150	164.0	124.6	186.8
115	68.4	50.1	75.1

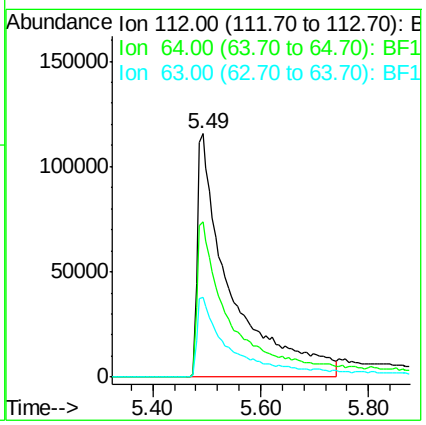


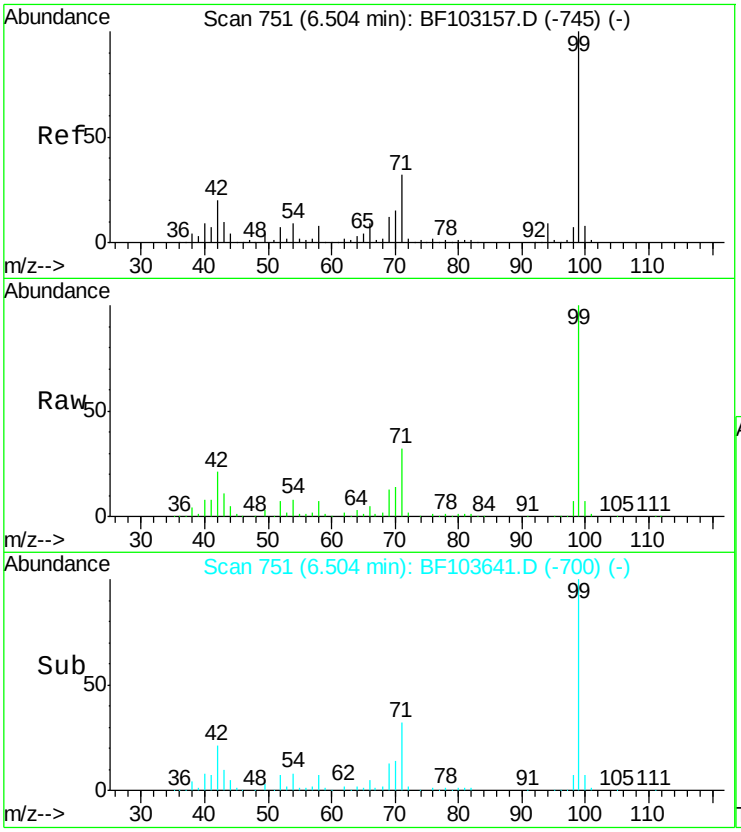


#5
2-Fluorophenol
Concen: 62.940 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:112 Resp: 491534

Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.9	23.7	35.5



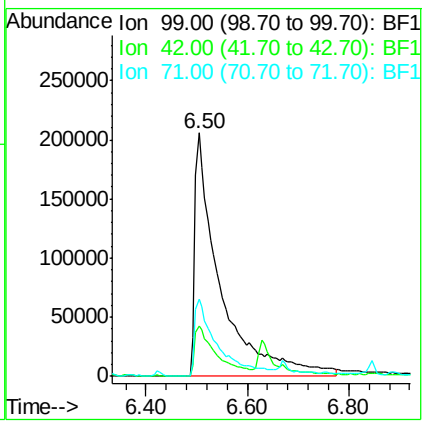


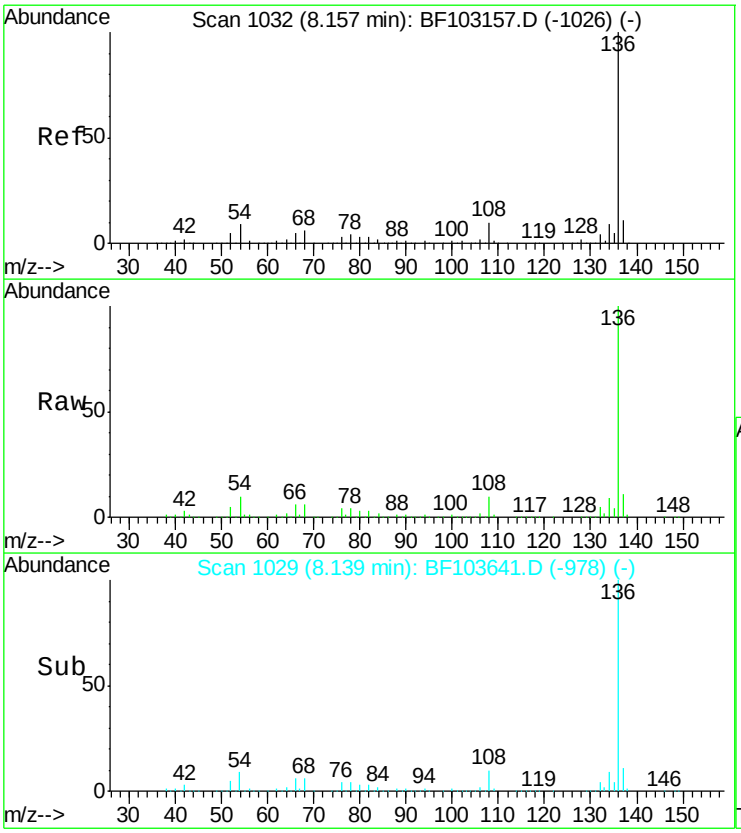
#7
Phenol-d6
Concen: 74.603 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 712928

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	31.9	25.4	38.0

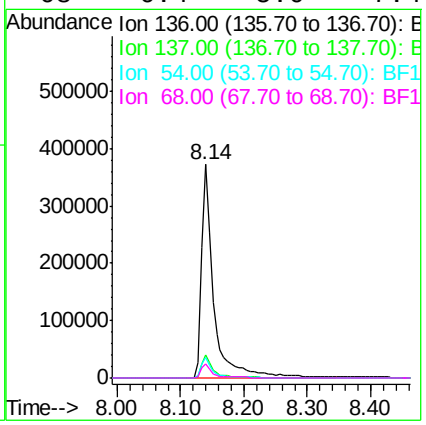


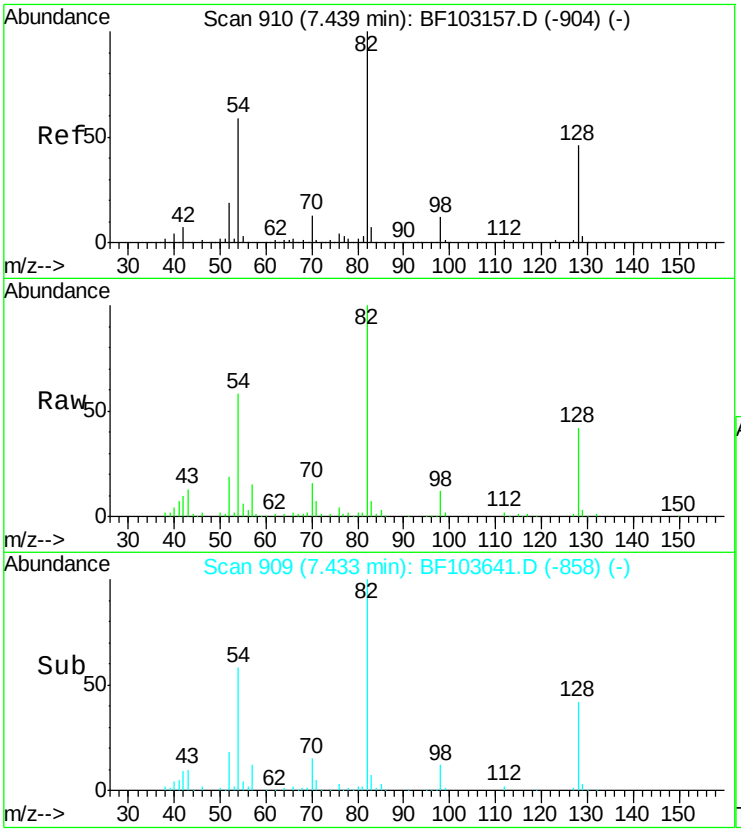


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:136 Resp: 500814

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.5	6.6	9.8
68	6.4	5.0	7.4



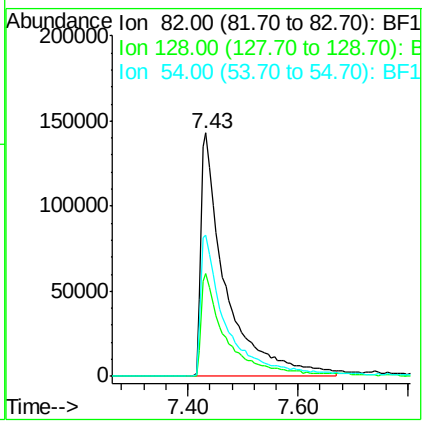


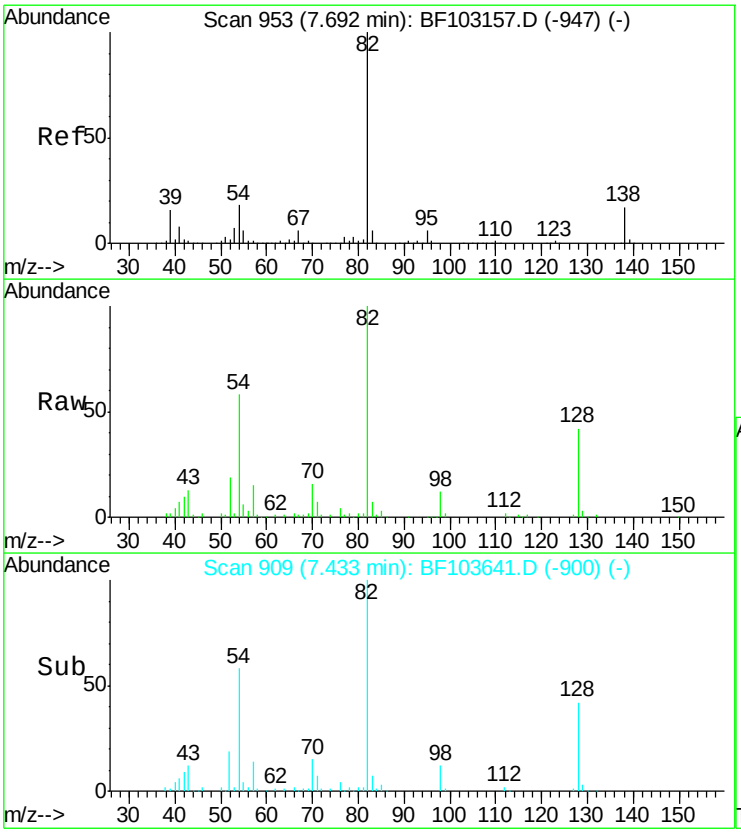
#23
Nitrobenzene-d5
Concen: 50.044 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 438863

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	58.1	41.4	62.2

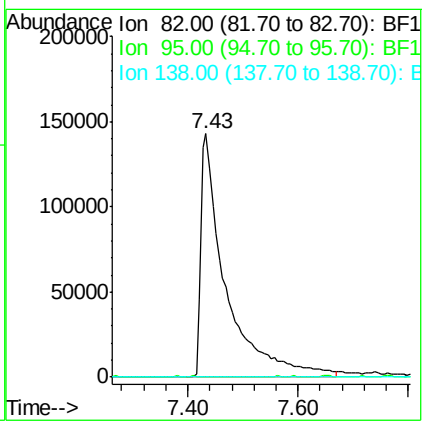


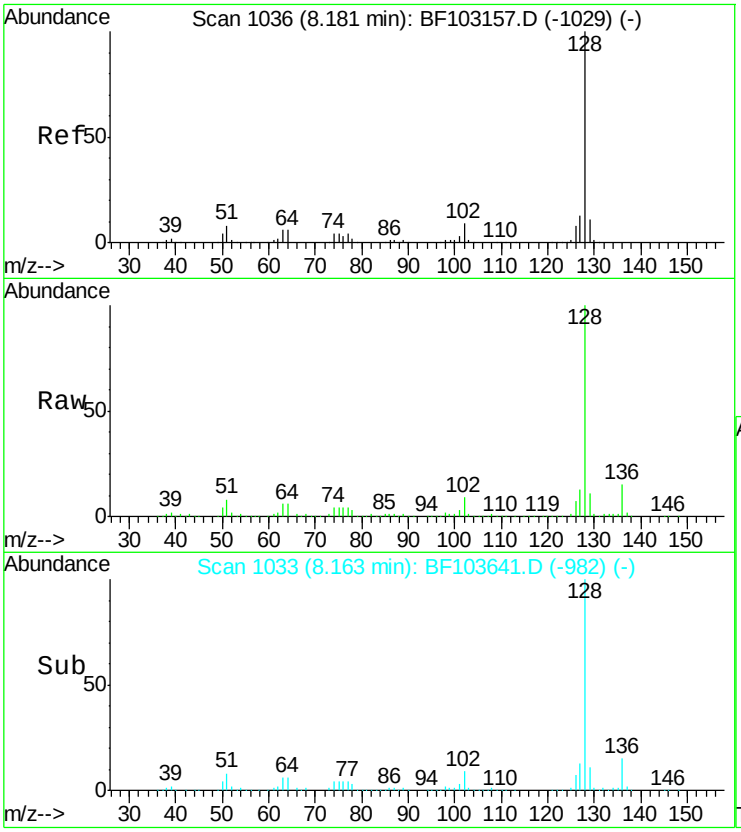


#25
Isophorone
Concen: 25.409 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion: 82 Resp: 438863

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



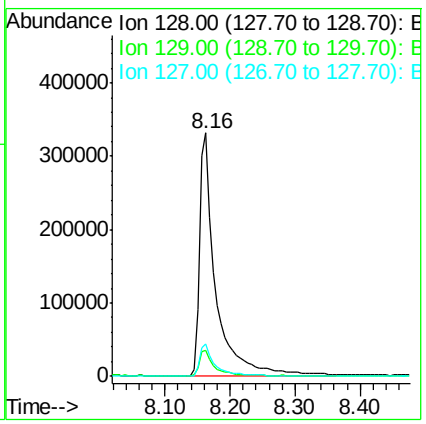


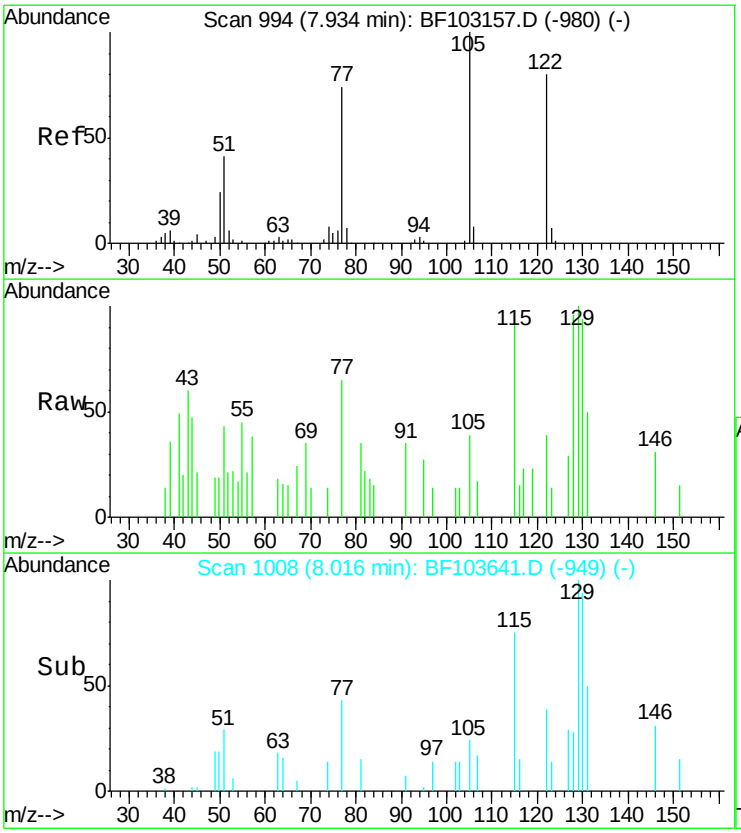
#31
Naphthalene
Concen: 23.371 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 573023

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.9	16.3

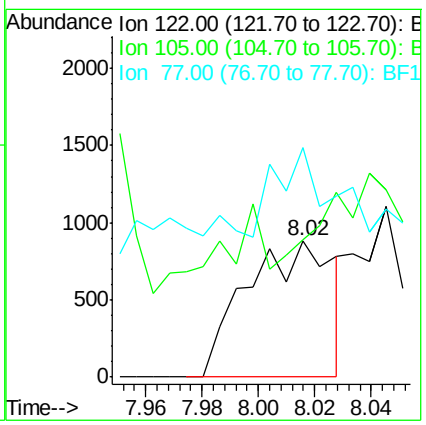


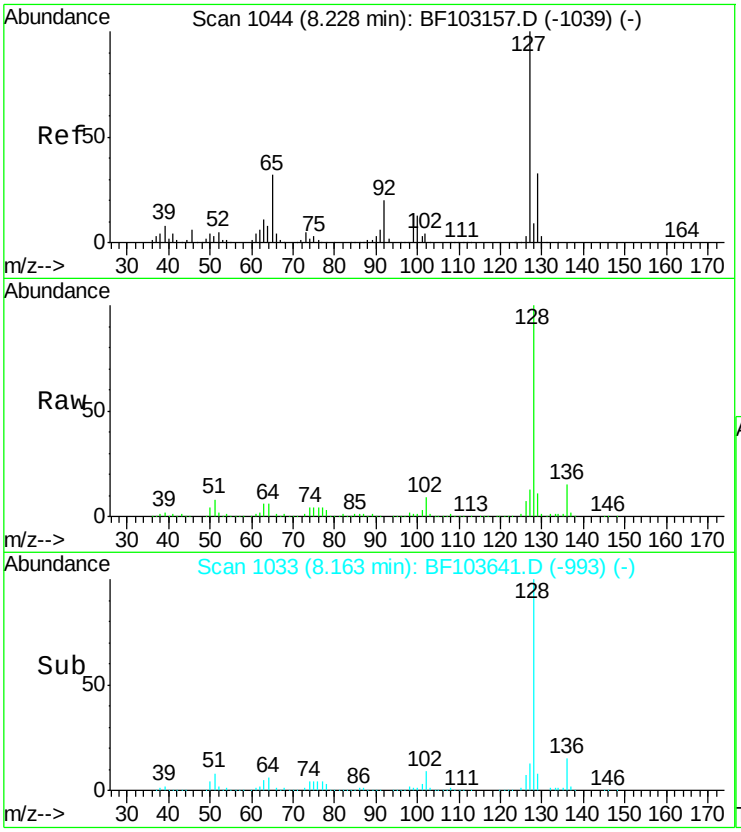


#32
Benzoic acid
Concen: 7.225 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.05 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:122 Resp: 1876

Ion	Ratio	Lower	Upper
122	100		
105	101.0	101.1	141.1#
77	169.0	70.7	110.7#



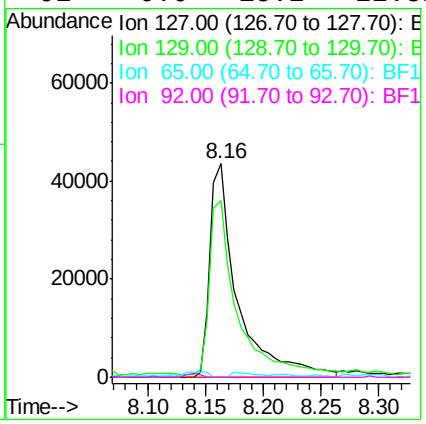


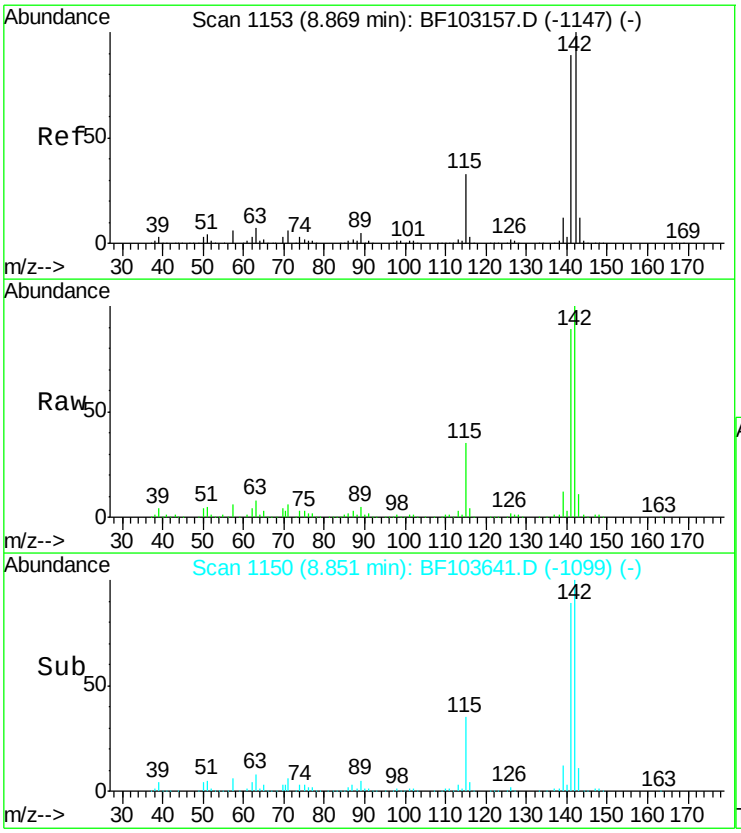
#33
4-Chloroaniline
Concen: 6.864 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 72629

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

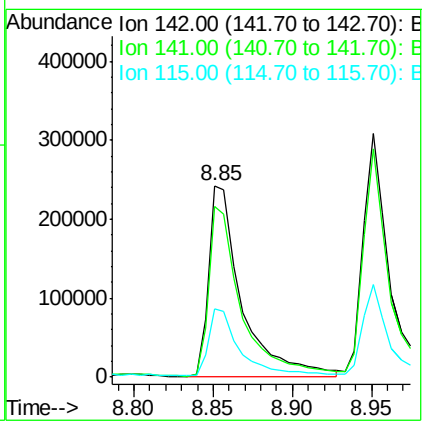


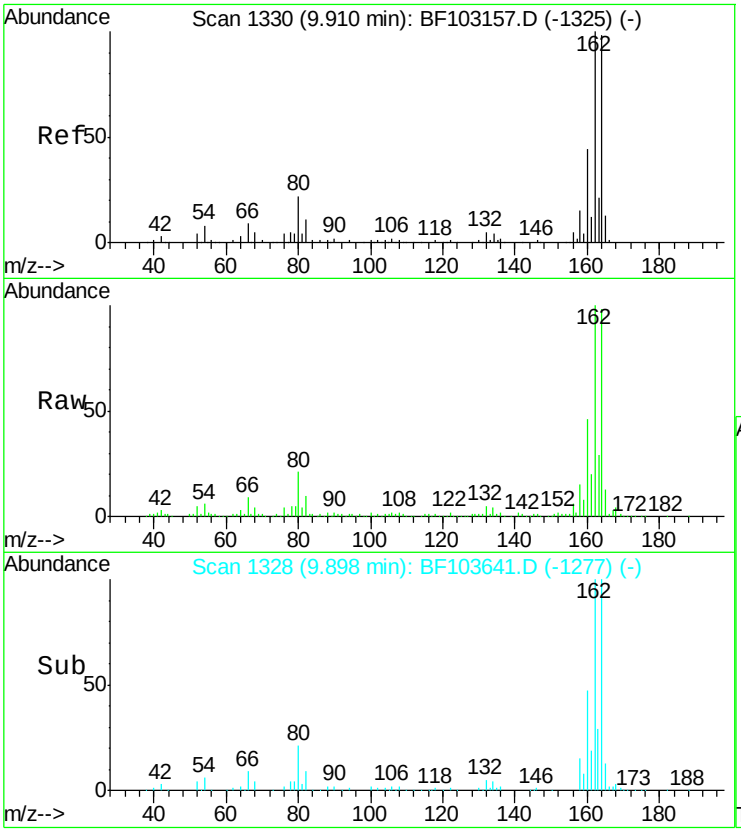


#37
2-Methylnaphthalene
Concen: 22.089 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:142 Resp: 350031

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	35.4	26.1	39.1



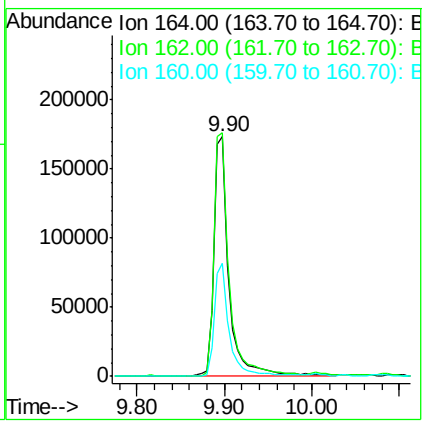


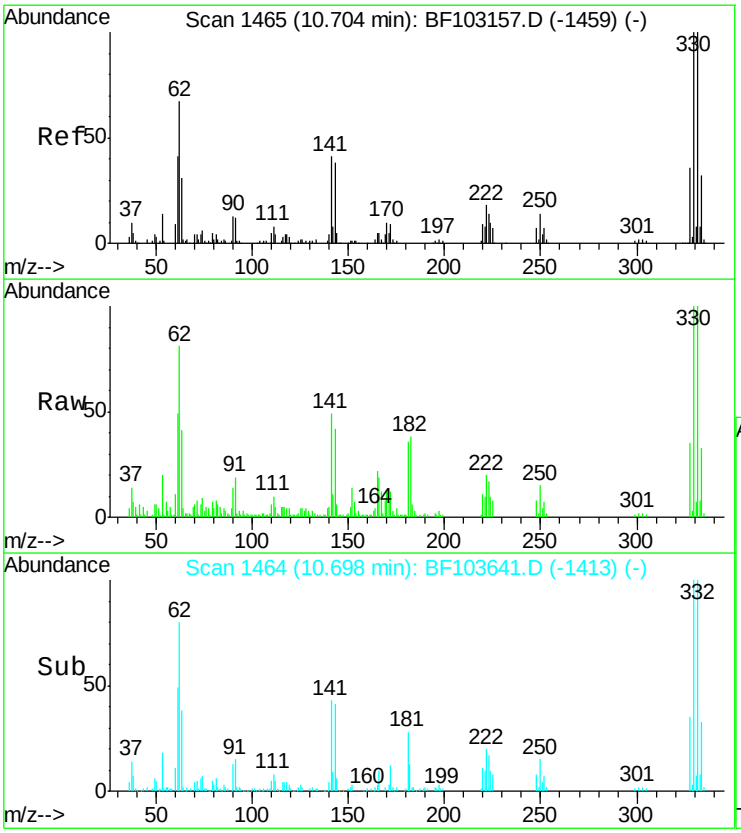
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 208745

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	47.2	38.3	57.5

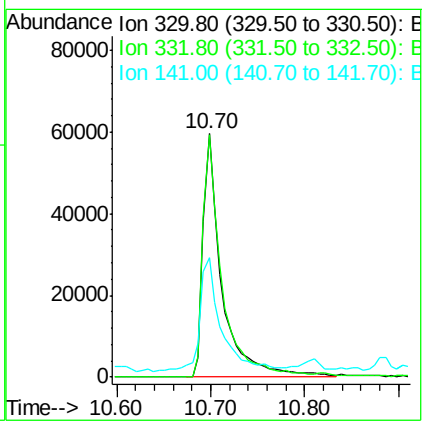


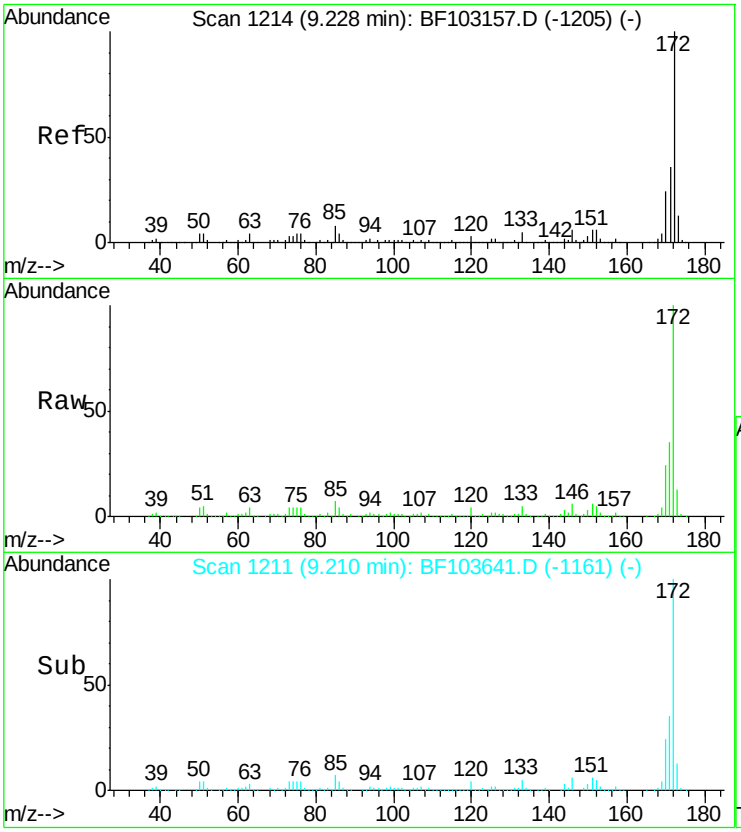


#41
2,4,6-Tribromophenol
Concen: 47.520 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:330 Resp: 83964

Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.0	115.6
141	50.8	29.9	44.9#



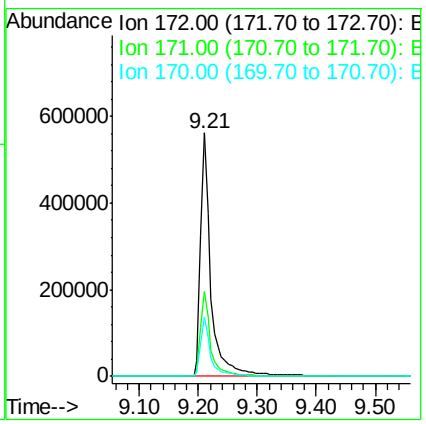


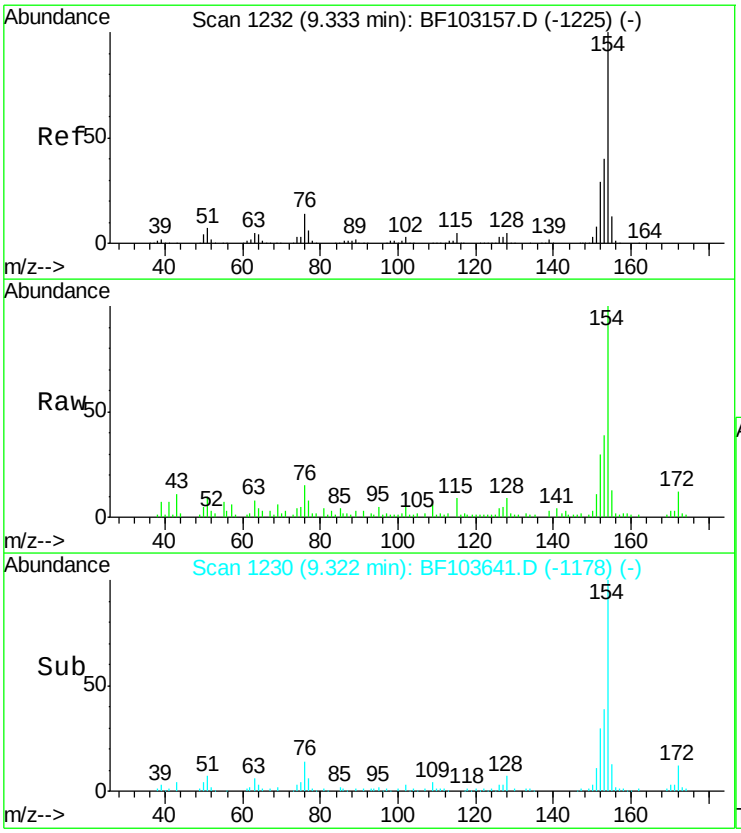
#44
2-Fluorobiphenyl
Concen: 51.026 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 683171

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.3	19.6	29.4

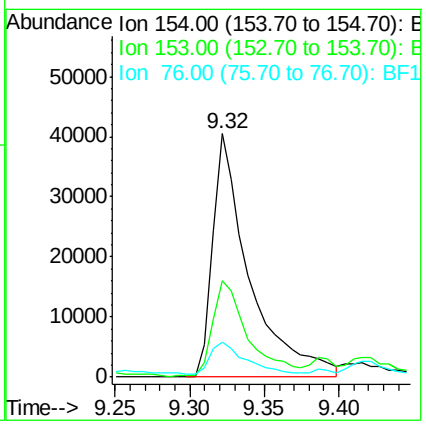


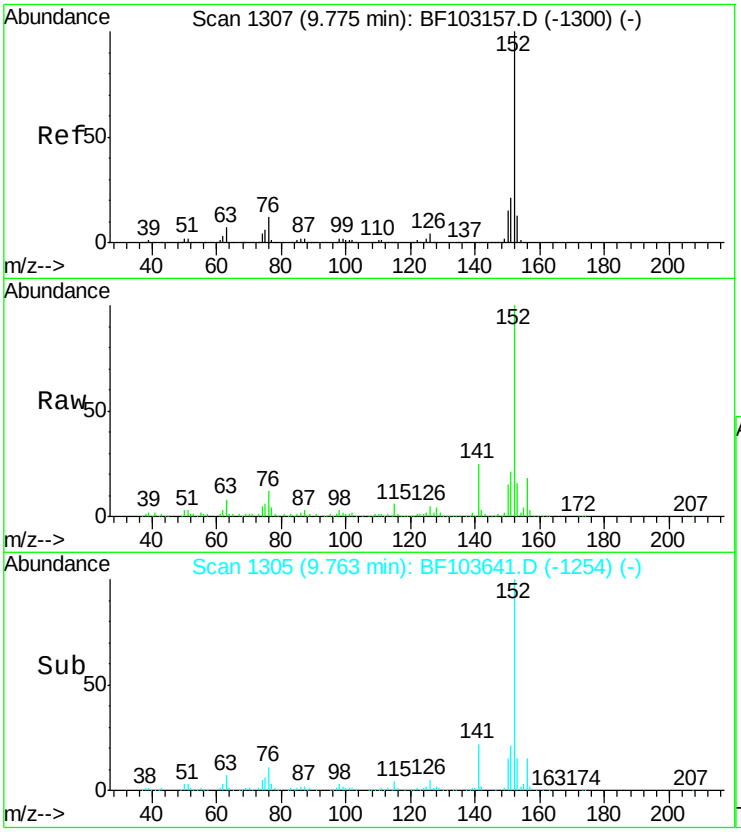


#45
1,1'-Biphenyl
Concen: 3.979 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:154 Resp: 69601

Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.3	61.3
76	14.5	0.0	34.0



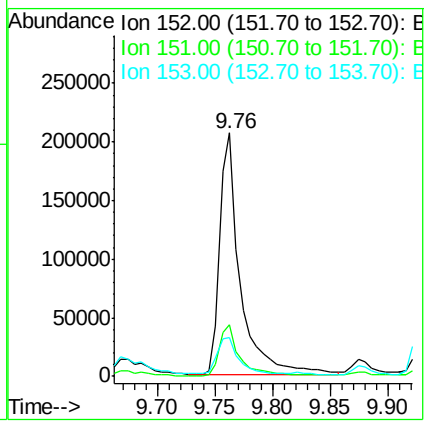


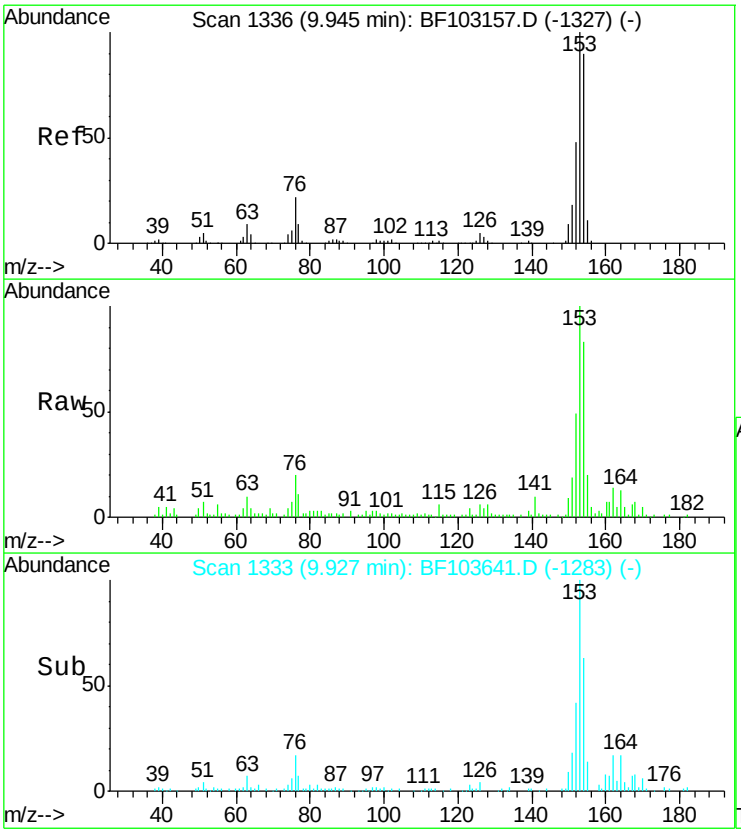
#48
Acenaphthylene
Concen: 11.899 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 253361

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	15.8	10.7	16.1

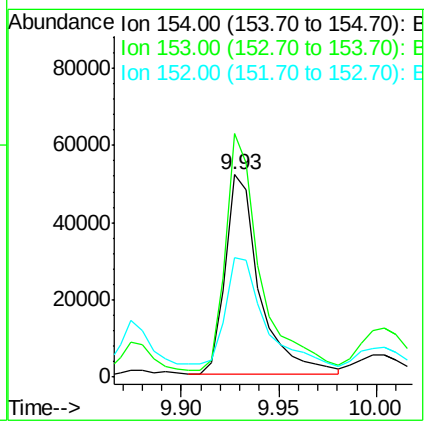


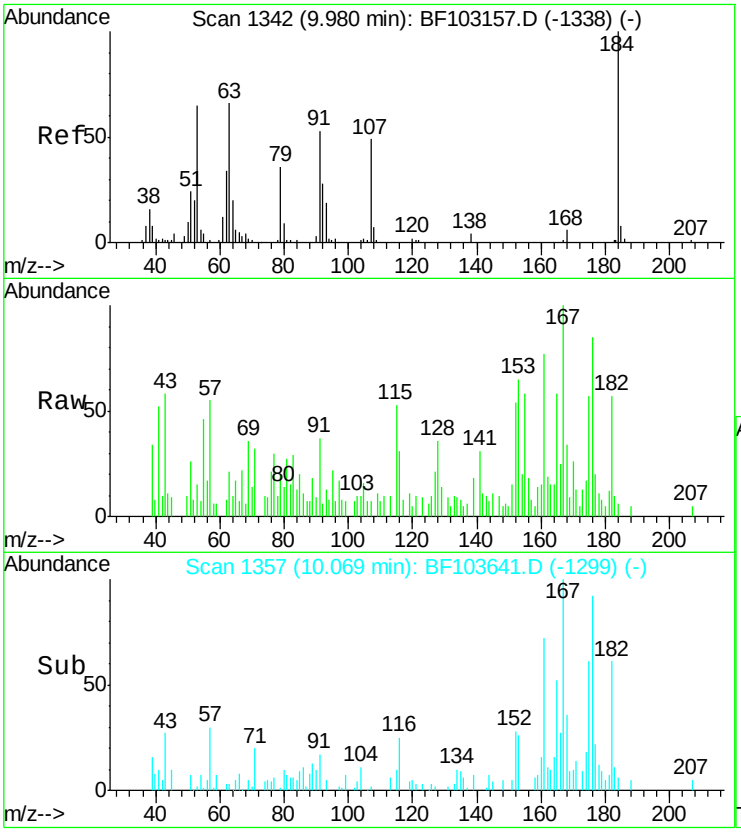


#51
Acenaphthene
Concen: 5.136 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:154 Resp: 63761

Ion	Ratio	Lower	Upper
154	100		
153	120.3	91.2	136.8
152	59.0	43.8	65.8



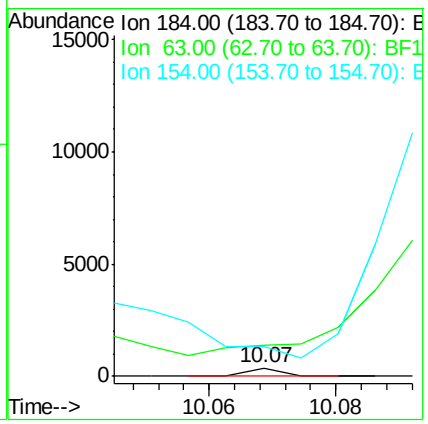


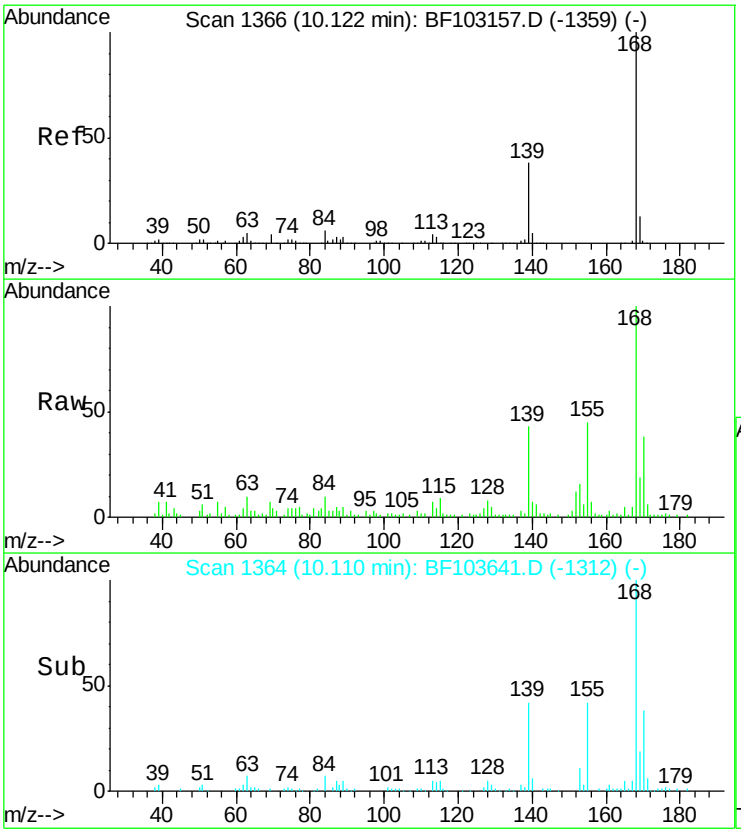
#53
2,4-Dinitrophenol
Concen: 9.713 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.04 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 132

Ion	Ratio	Lower	Upper
184	100		
63	364.9	54.2	81.2#
154	350.4	184.0	276.0#

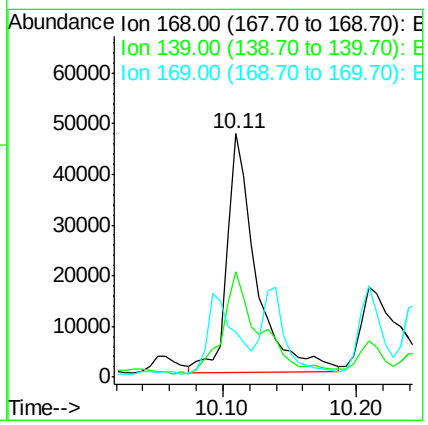


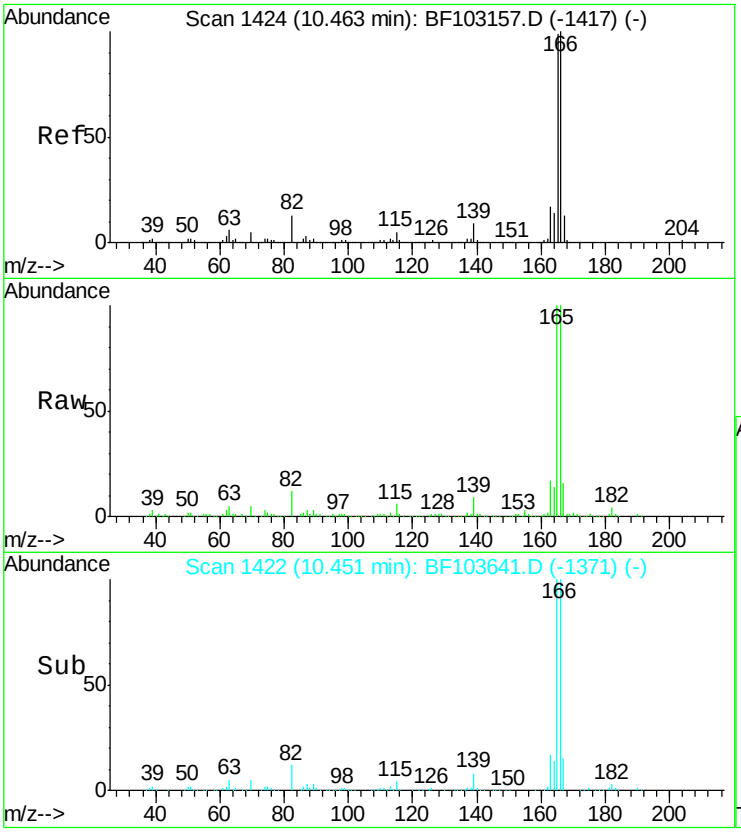


#54
Dibenzofuran
Concen: 4.259 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:168 Resp: 72594

Ion	Ratio	Lower	Upper
168	100		
139	43.4	30.1	45.1
169	18.6	10.9	16.3#



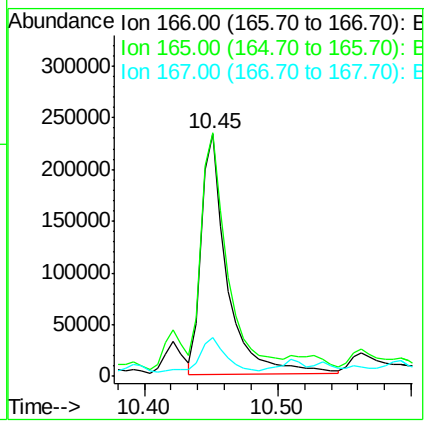


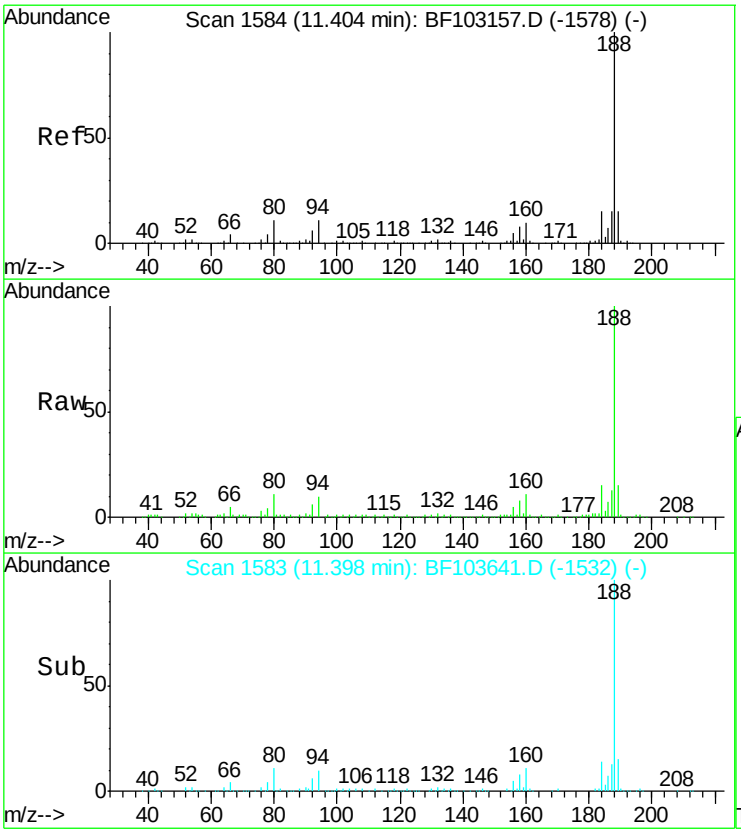
#57
Fluorene
Concen: 21.547 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 312826

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	15.8	10.6	16.0

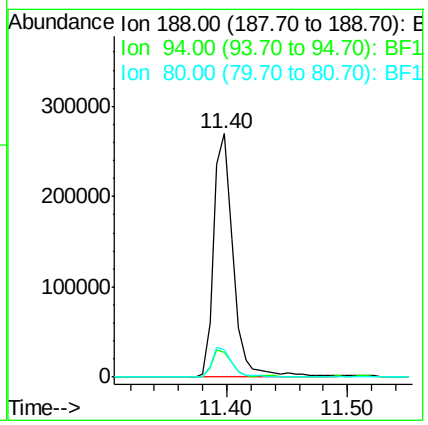


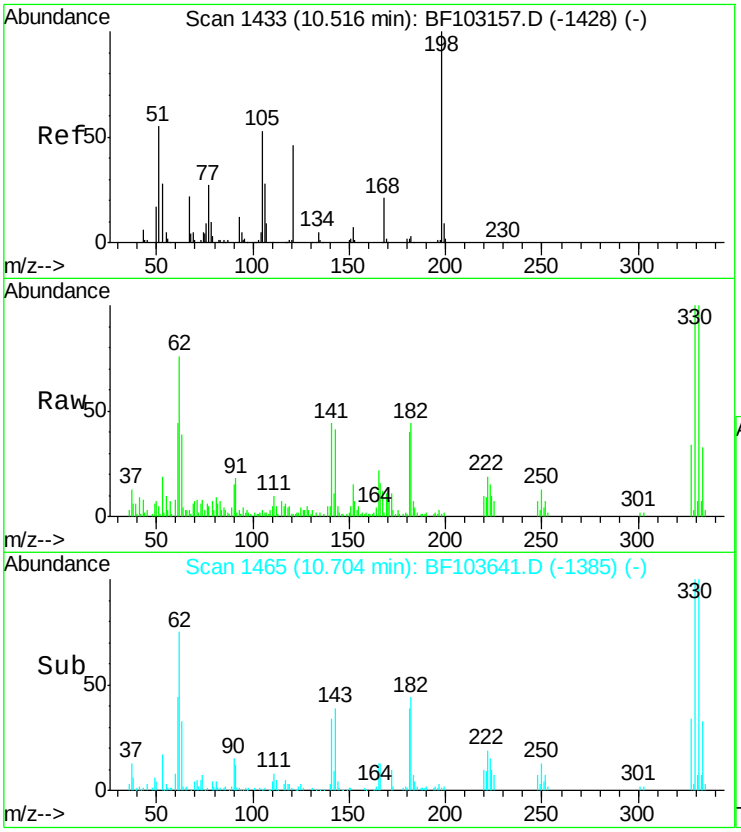


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:188 Resp: 297586

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.4	9.2	13.8



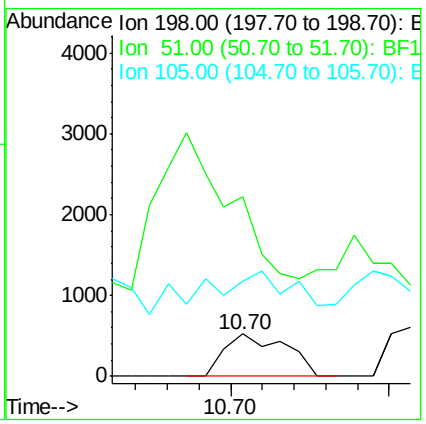


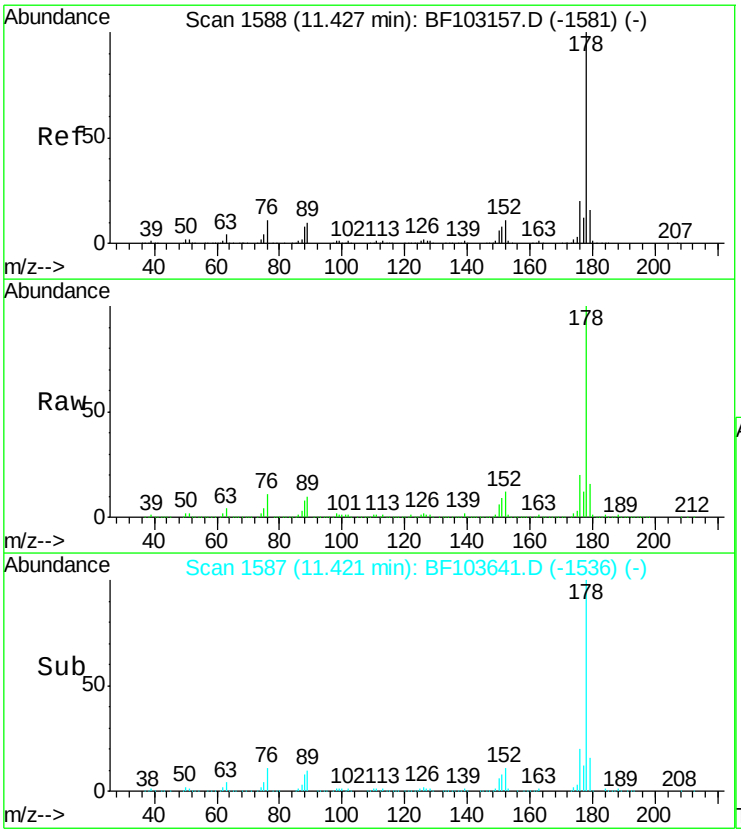
#64
4,6-Dinitro-2-methylphenol
Concen: 5.288 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 692

Ion	Ratio	Lower	Upper
198	100		
51	425.4	37.7	77.7#
105	226.2	36.3	76.3#

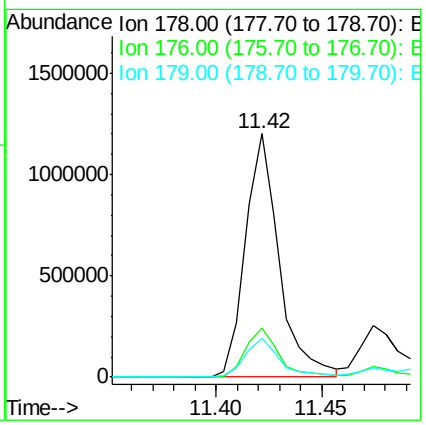


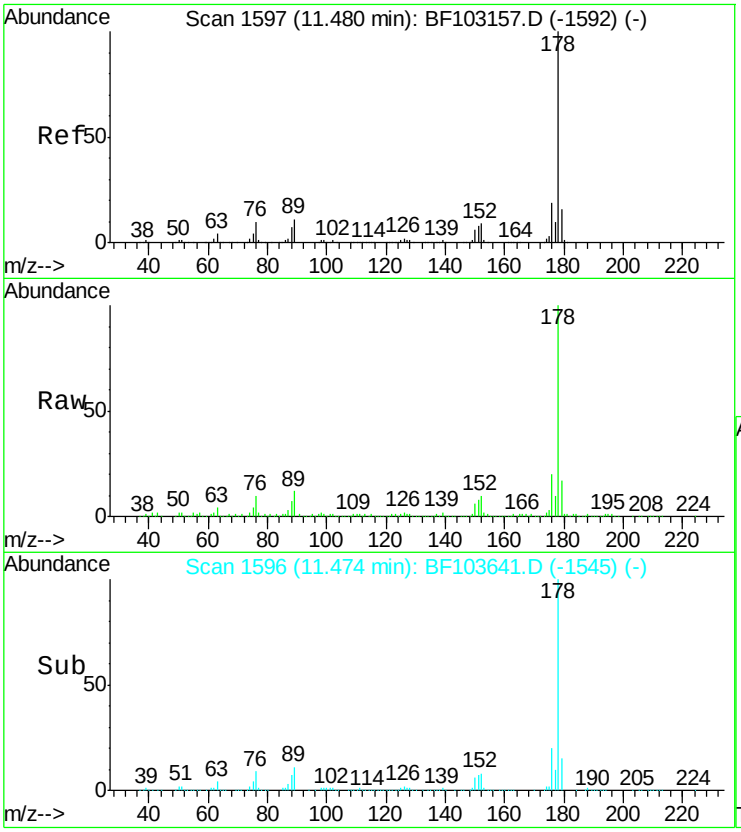


#70
Phenanthrene
Concen: 81.340 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:178 Resp: 1332106

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.0	13.0	19.6



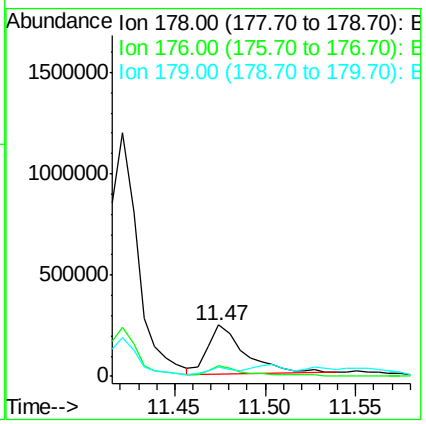


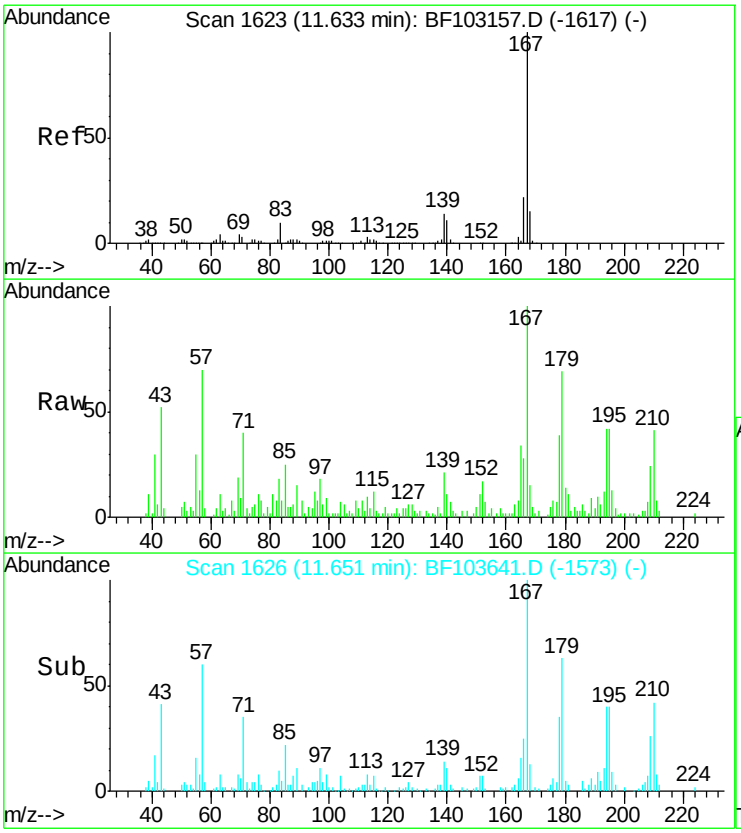
#71
Anthracene
Concen: 20.396 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 342523

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	17.0	12.6	19.0

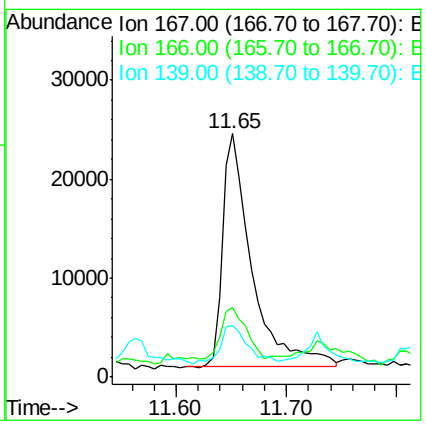


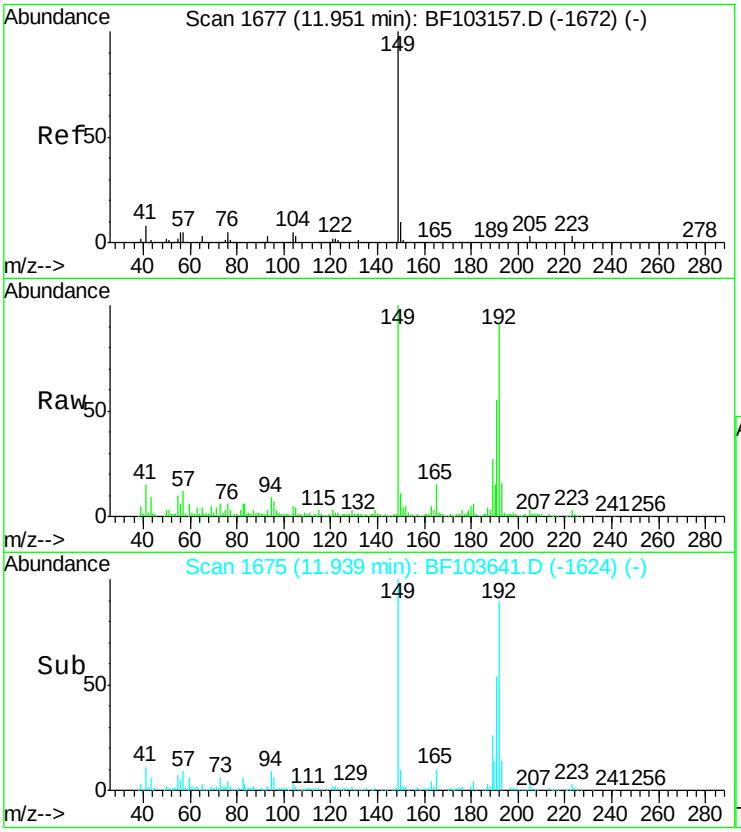


#72
Carbazole
Concen: 2.620 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:167 Resp: 43809

Ion	Ratio	Lower	Upper
167	100		
166	28.5	17.6	26.4#
139	21.2	10.9	16.3#



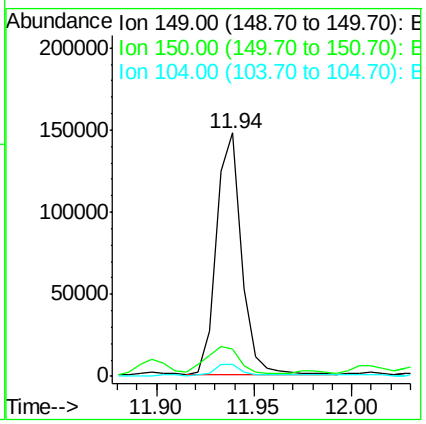


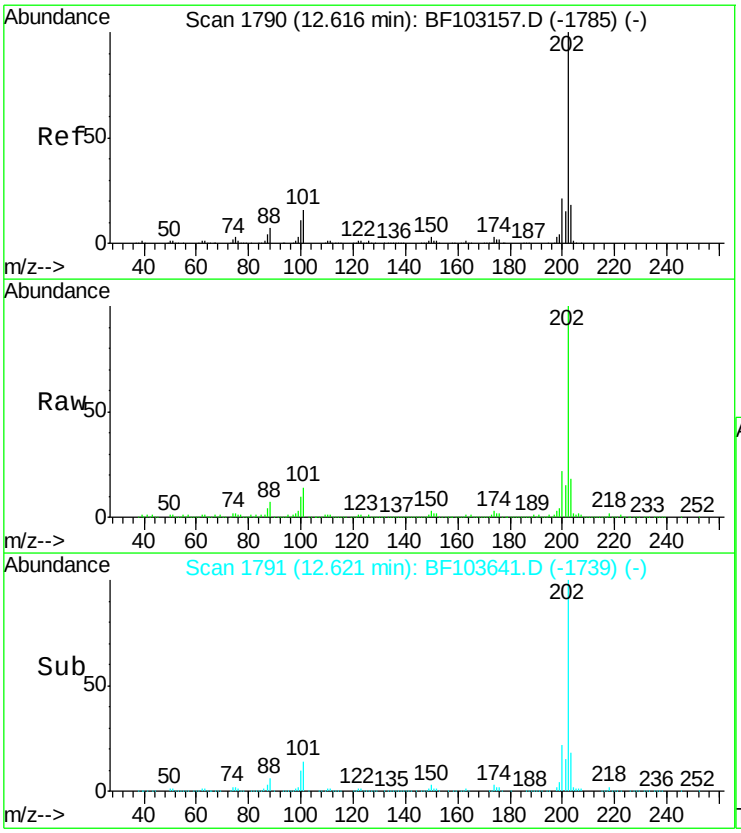
#73
Di-n-butylphthalate
Concen: 6.260 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 131009

Ion	Ratio	Lower	Upper
149	100		
150	11.1	7.8	11.6
104	4.7	3.8	5.8

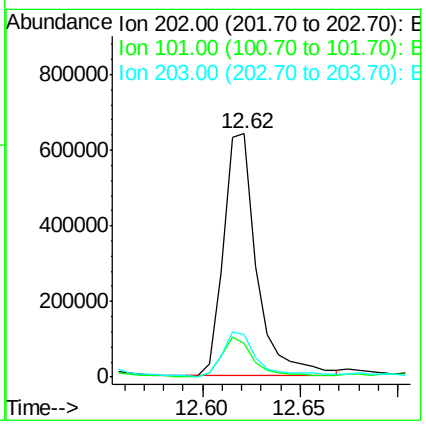


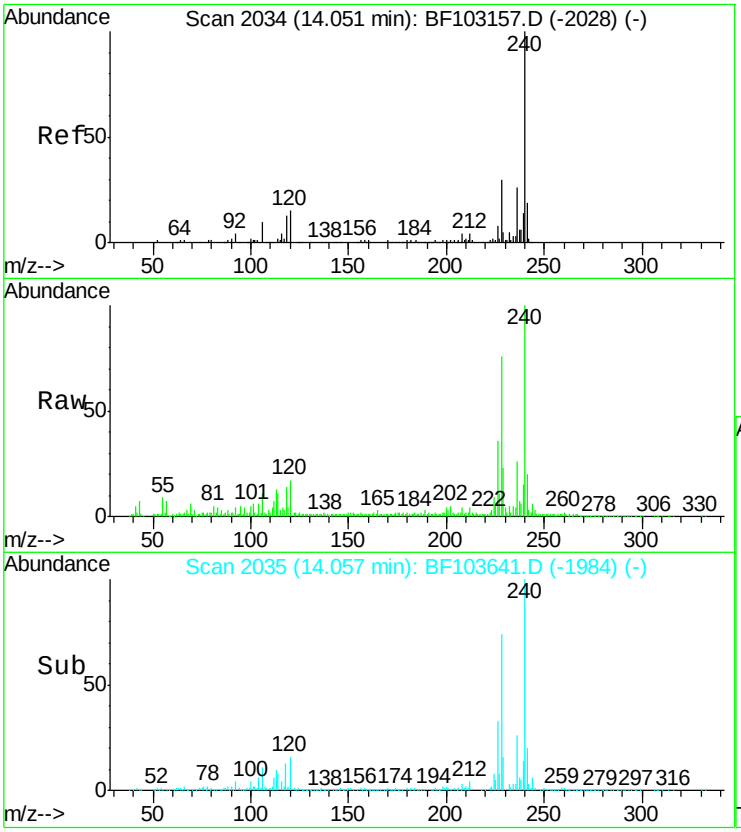


#74
Fluoranthene
Concen: 46.181 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:202 Resp: 760014

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.8	0.0	38.1



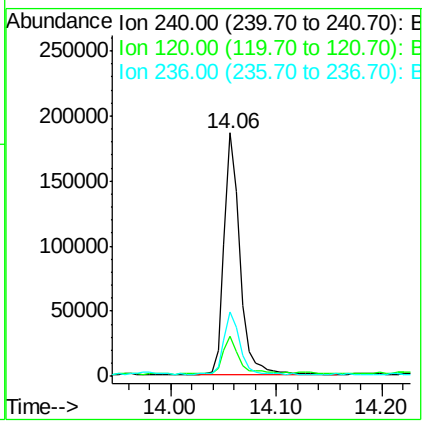


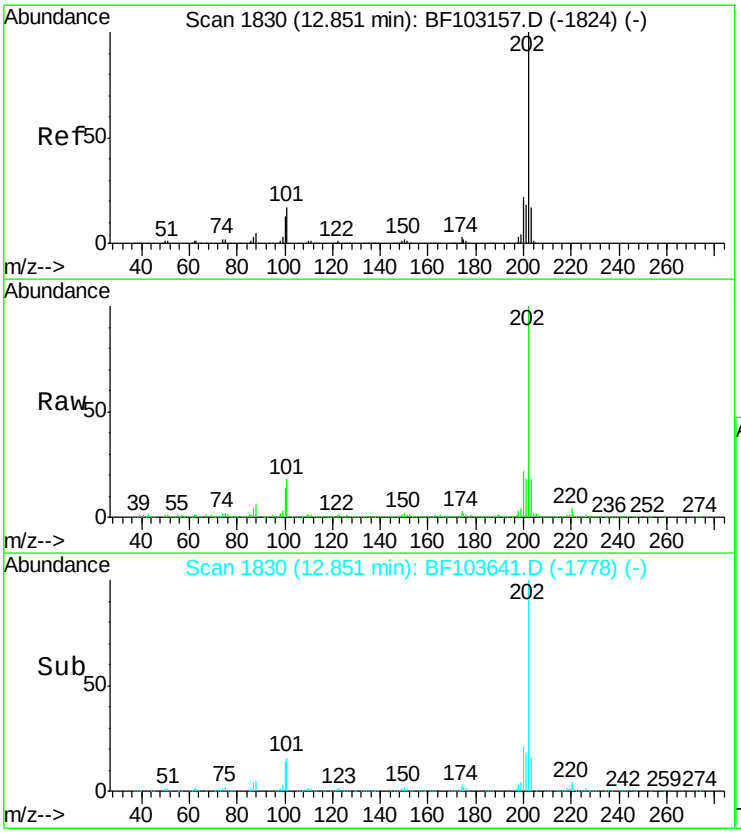
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 196066

Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	26.5	20.7	31.1

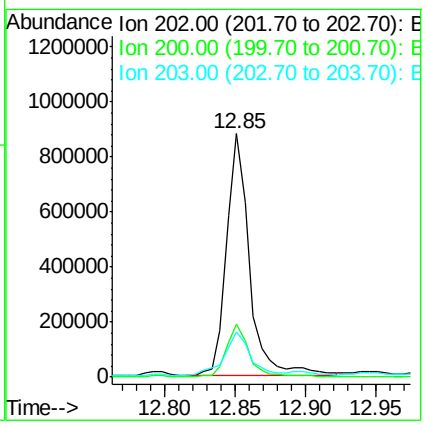


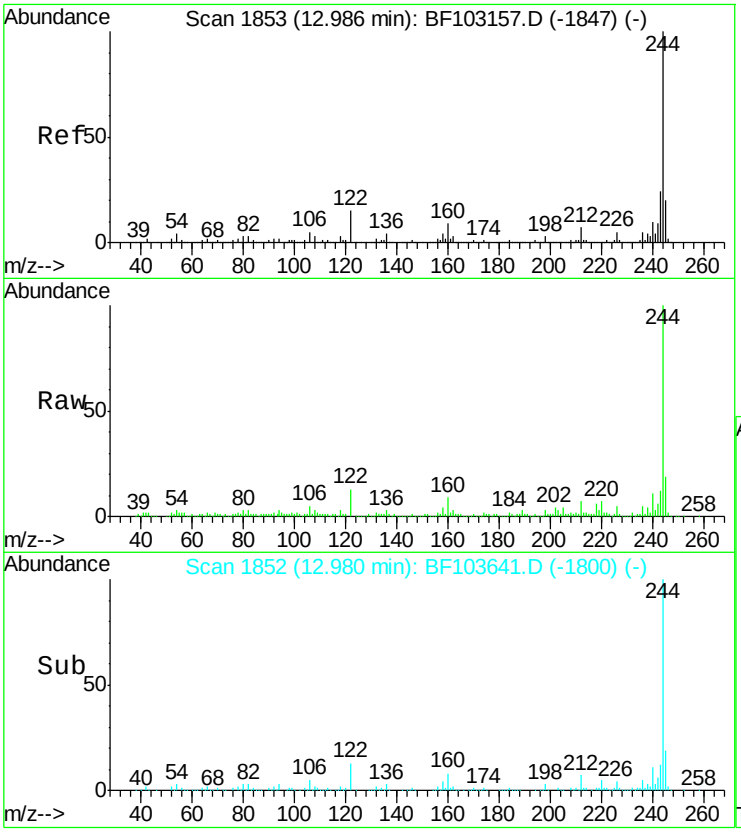


#77
Pyrene
Concen: 64.583 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:202 Resp: 987248

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.3	14.3	21.5



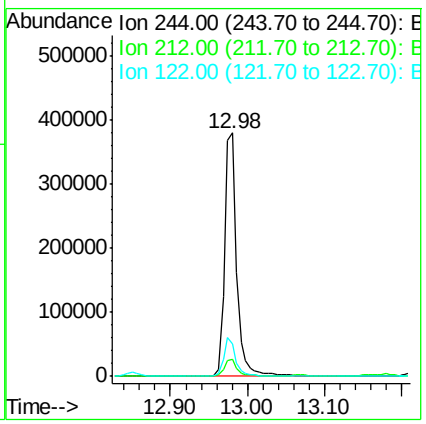


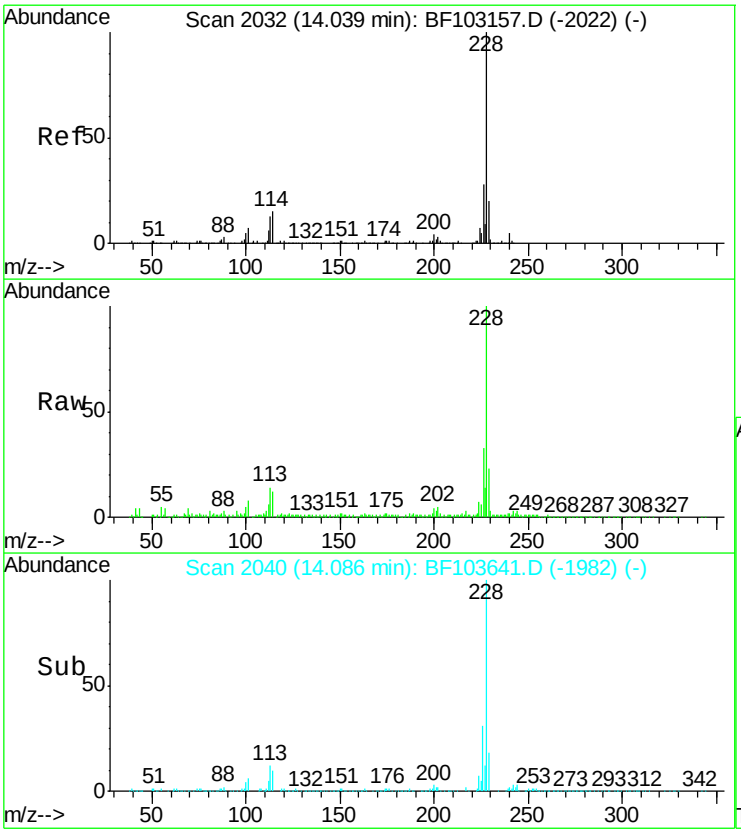
#78
Terphenyl-d14
Concen: 51.338 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 418723

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

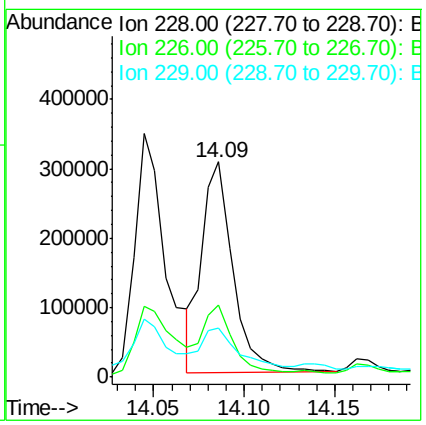


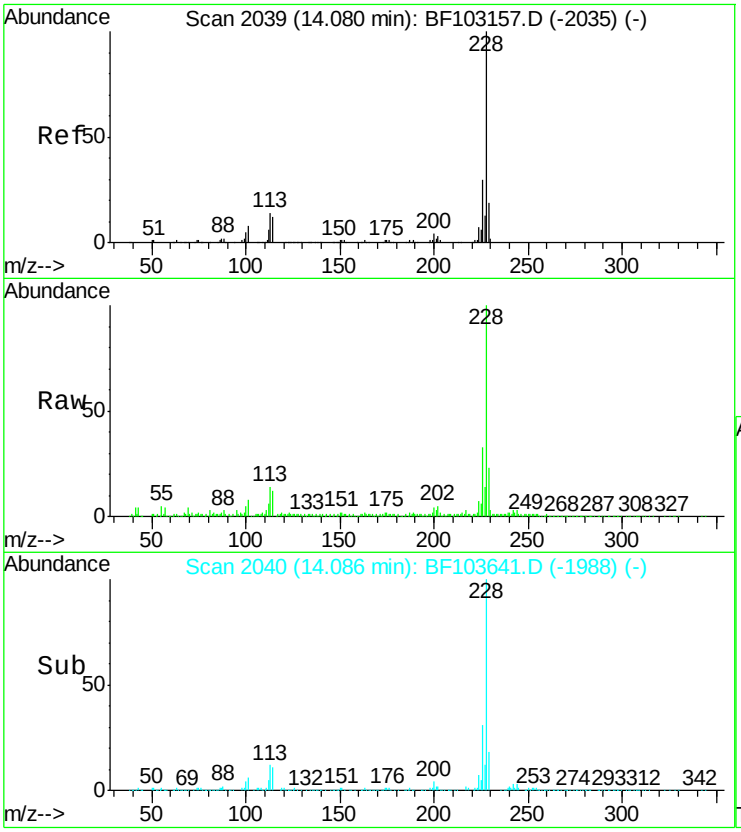


#80
Benzo(a)anthracene
Concen: 28.673 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.04 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:228 Resp: 364766

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	22.7	15.8	23.6



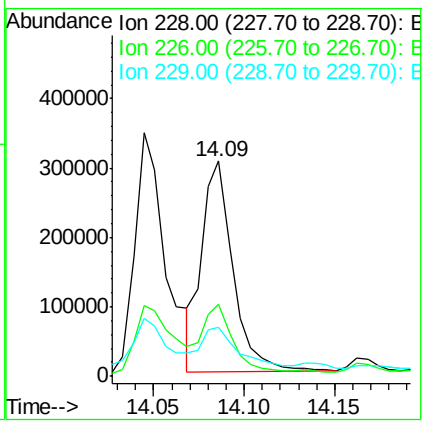


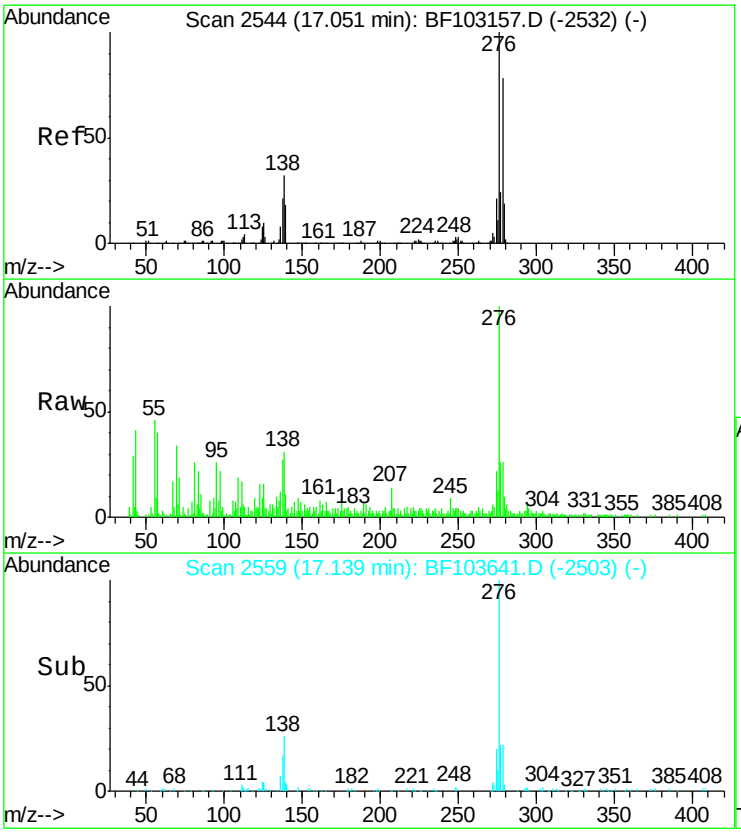
#82
Chrysene
Concen: 29.530 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 364766

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.0	37.6
229	22.7	16.2	24.4

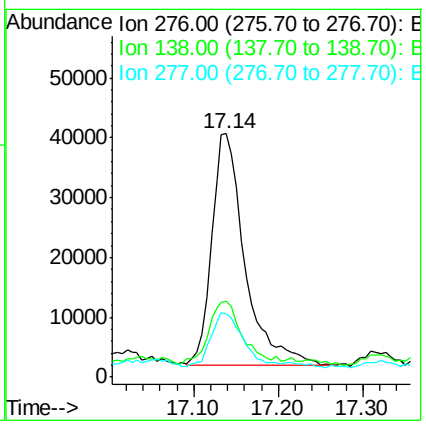


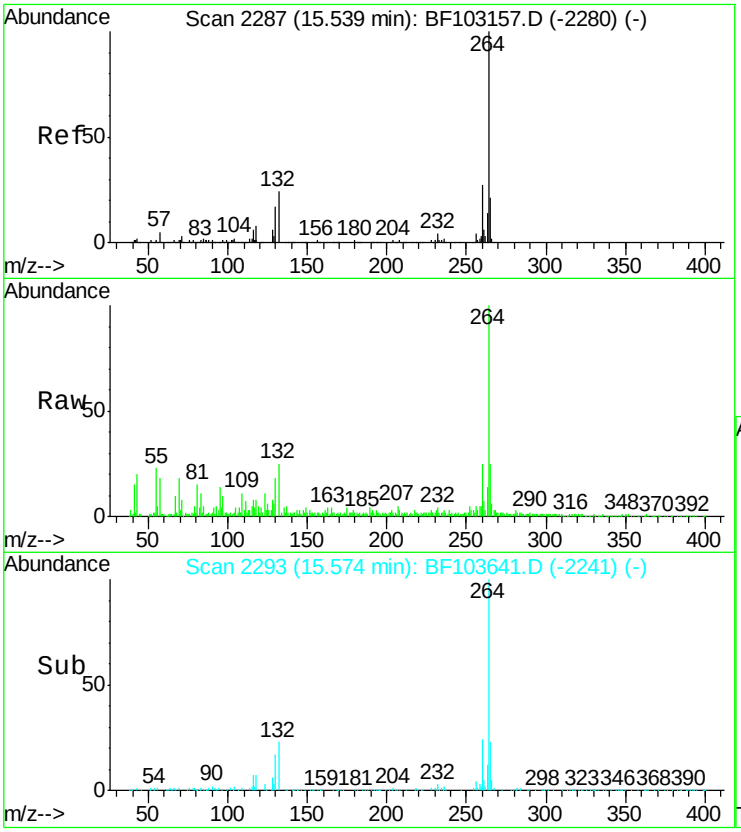


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.855 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.03 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:276 Resp: 106151

Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	21.3	20.1	30.1



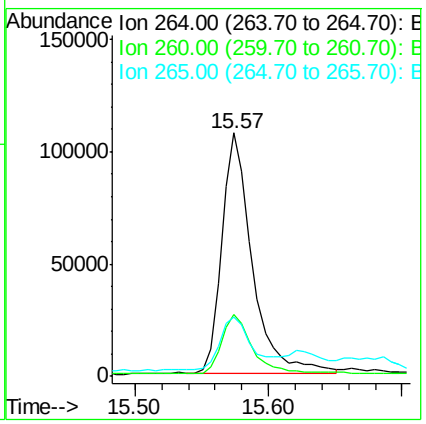


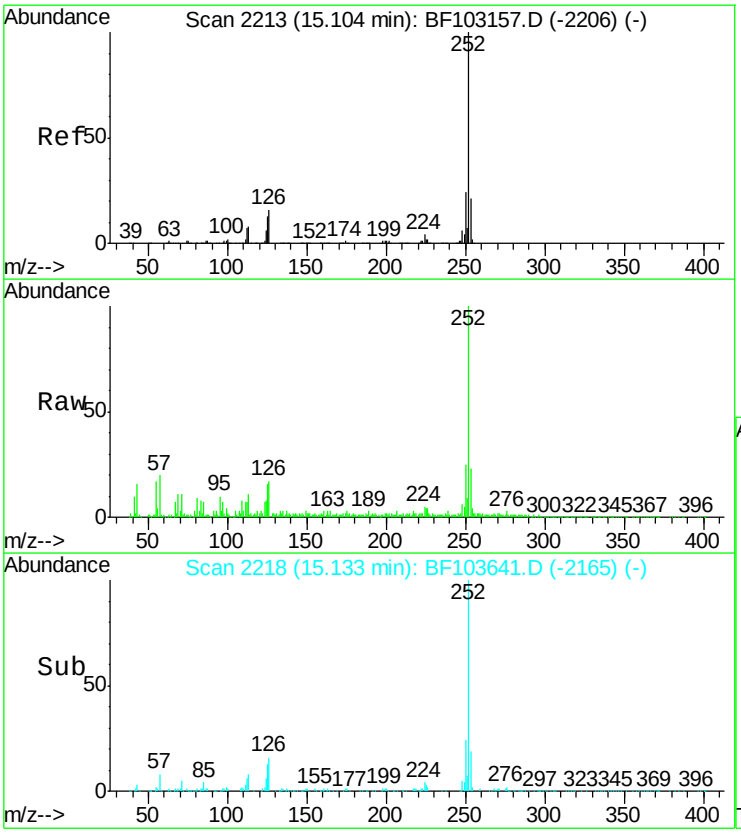
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 171621

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	24.5	17.5	26.3

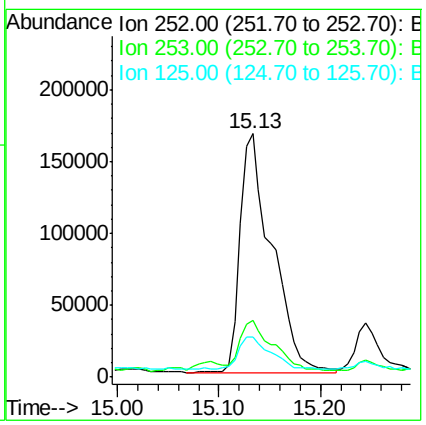


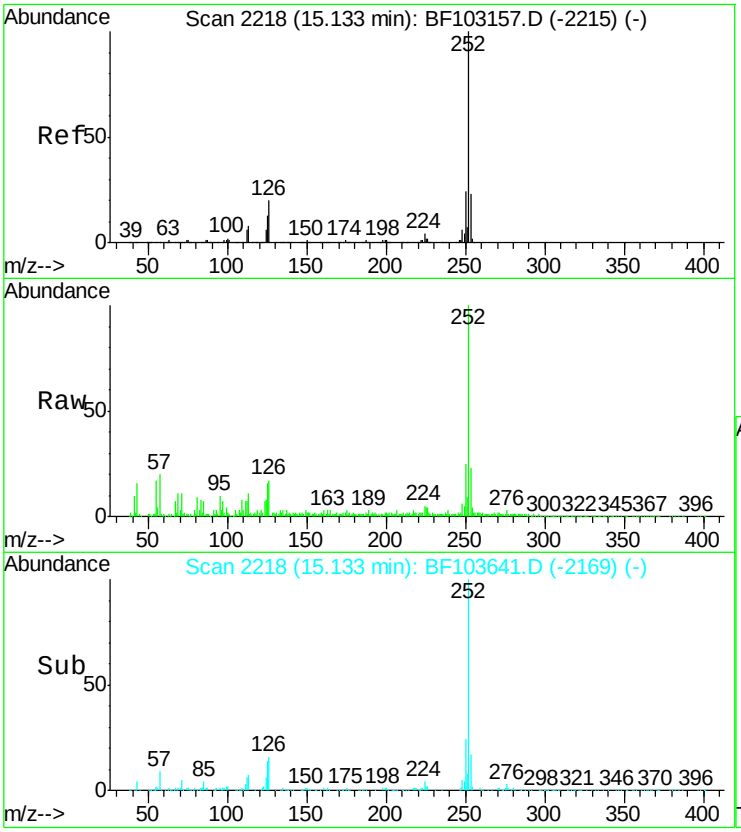


#87
Benzo(b)fluoranthene
Concen: 32.159 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:252 Resp: 362881

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	16.4	9.0	13.6#



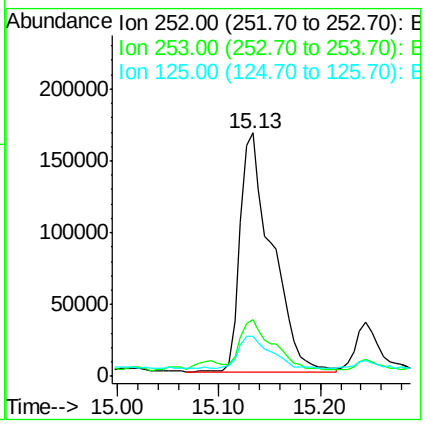


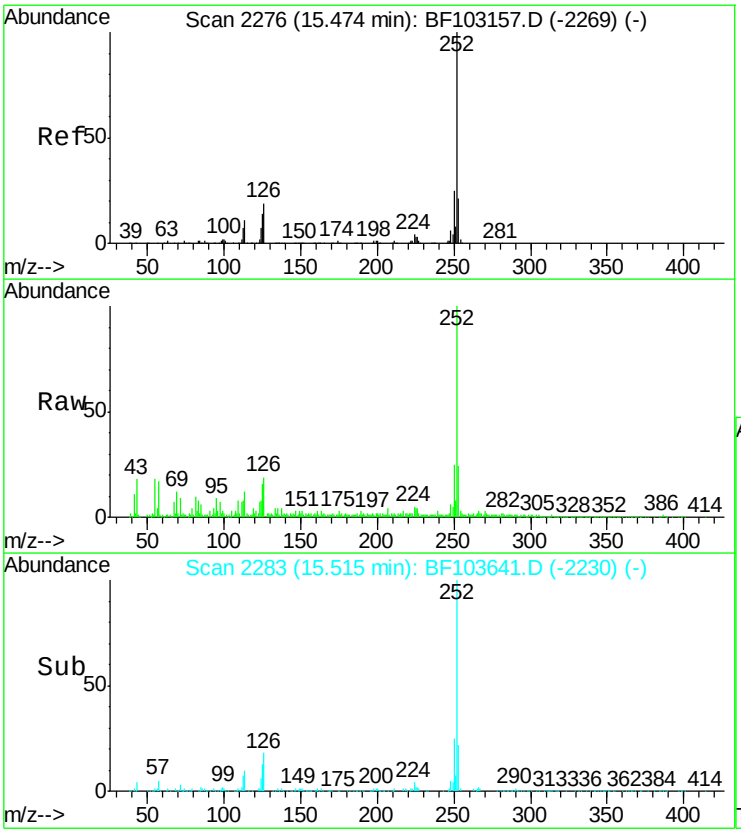
#88
Benzo(k)fluoranthene
Concen: 34.151 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 362881

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	16.4	10.2	15.2#

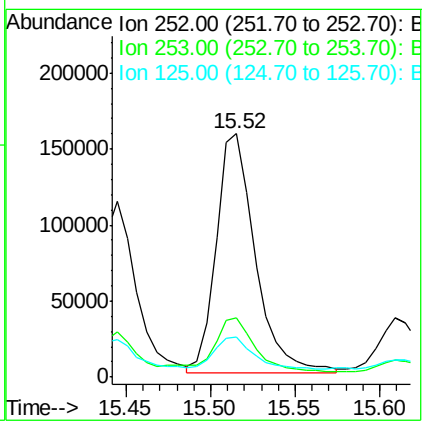


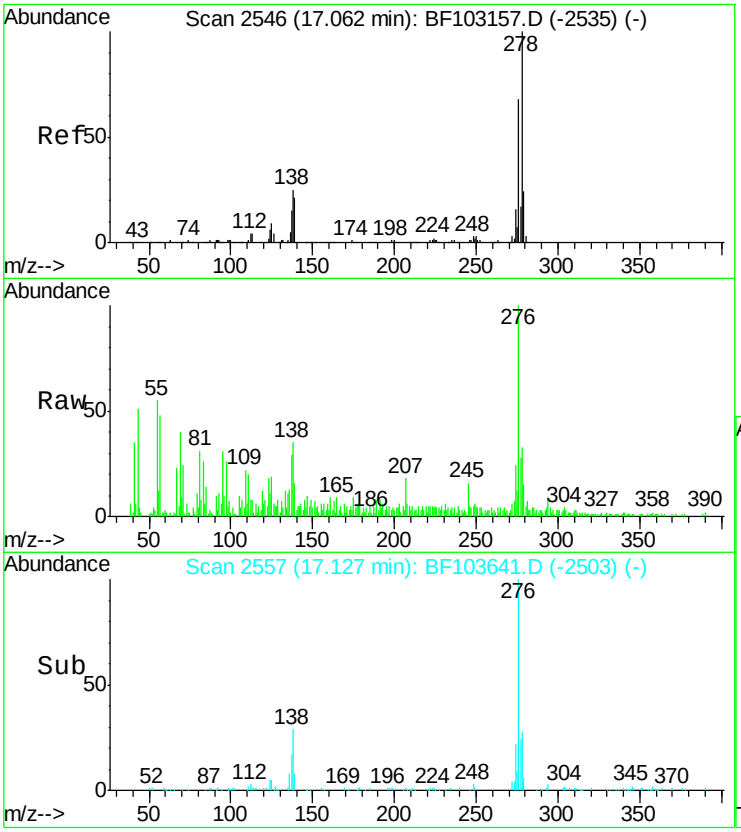


#89
Benzo(a)pyrene
Concen: 25.192 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:252 Resp: 253845

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	16.4	9.8	14.6#



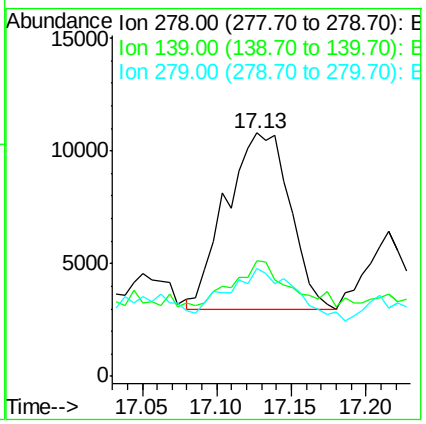


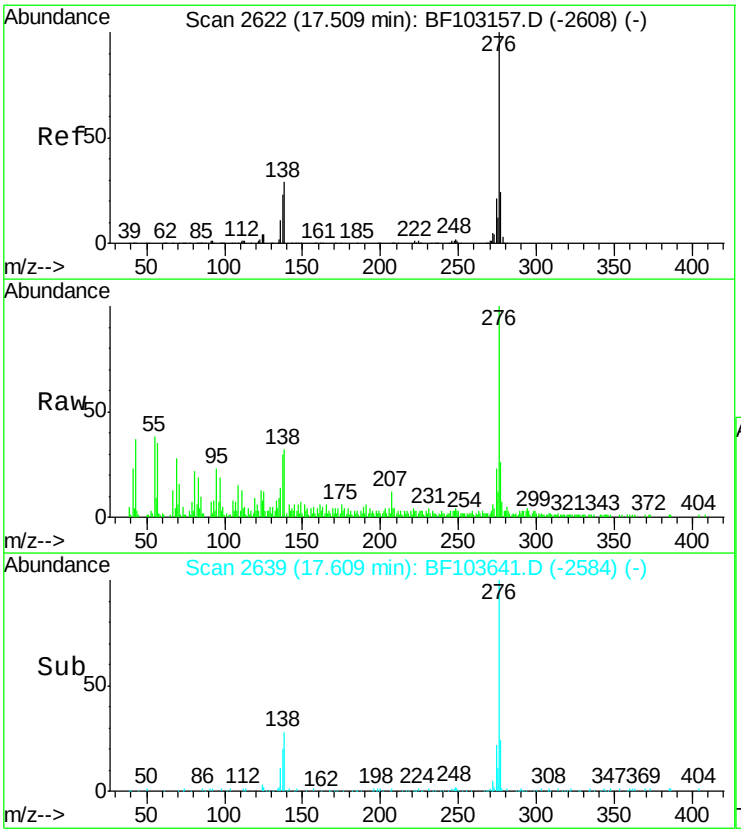
#90
Dibenzo(a,h)anthracene
Concen: 3.001 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.02 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 23363

Ion	Ratio	Lower	Upper
278	100		
139	47.5	15.9	23.9#
279	44.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 15.188 ng
RT: 17.61 min Scan# 2639
Delta R.T. 0.02 min
Lab File: BF103641.D
Acq: 14 Mar 2018 15:32

Tgt Ion:276 Resp: 115580

Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	31.7	21.8	32.8