Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103410.D
Acq On : 5 Mar 2018 15:30
Operator : SJ/JU
Sample : J1751-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 05 16:59:32 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	135920	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	538186	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	216516	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	310835	20.00	ng		0.00
75) Chrysene-d12	14.07	240	245061	20.00	ng		0.00
86) Perylene-d12	15.59	264	173059	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	414762	46.15	ng		0.00
7) Phenol-d6	6.52	99	506221	46.03	ng		0.00
23) Nitrobenzene-d5	7.43	82	286865	30.44	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	58537	31.94	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	419459	27.50	ng		0.00
78) Terphenyl-d14	13.00	244	265240	26.02	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	766	Below Cal		#	1
25) Isophorone	7.43	82	282256	15.207	ng	#	65
32) Benzoic acid	7.96	122	109	6.931	ng	#	1
49) Dimethylphthalate	9.62	163	51118	2.943	ng	#	99
64) 4,6-Dinitro-2-methylphenol	10.72	198	113	4.999	ng	#	1
70) Phenanthrene	11.43	178	98841	5.778	ng		99
71) Anthracene	11.49	178	36854	2.101	ng		99
74) Fluoranthene	12.63	202	174808	10.169	ng		99
77) Pyrene	12.87	202	170853	8.942	ng		100
80) Benzo(a)anthracene	14.06	228	87034	5.474	ng		98
82) Chrysene	14.09	228	74931	4.853	ng		97
85) Indeno(1,2,3-cd)pyrene	17.13	276	24975	2.043	ng		96
87) Benzo(b)fluoranthene	15.14	252	107438	9.442	ng	#	84
88) Benzo(k)fluoranthene	15.14	252	107438	10.027	ng	#	87
89) Benzo(a)pyrene	15.52	252	53409	5.256	ng	#	86
91) Benzo(g,h,i)perylene	17.60	276	26079	3.399	ng		94

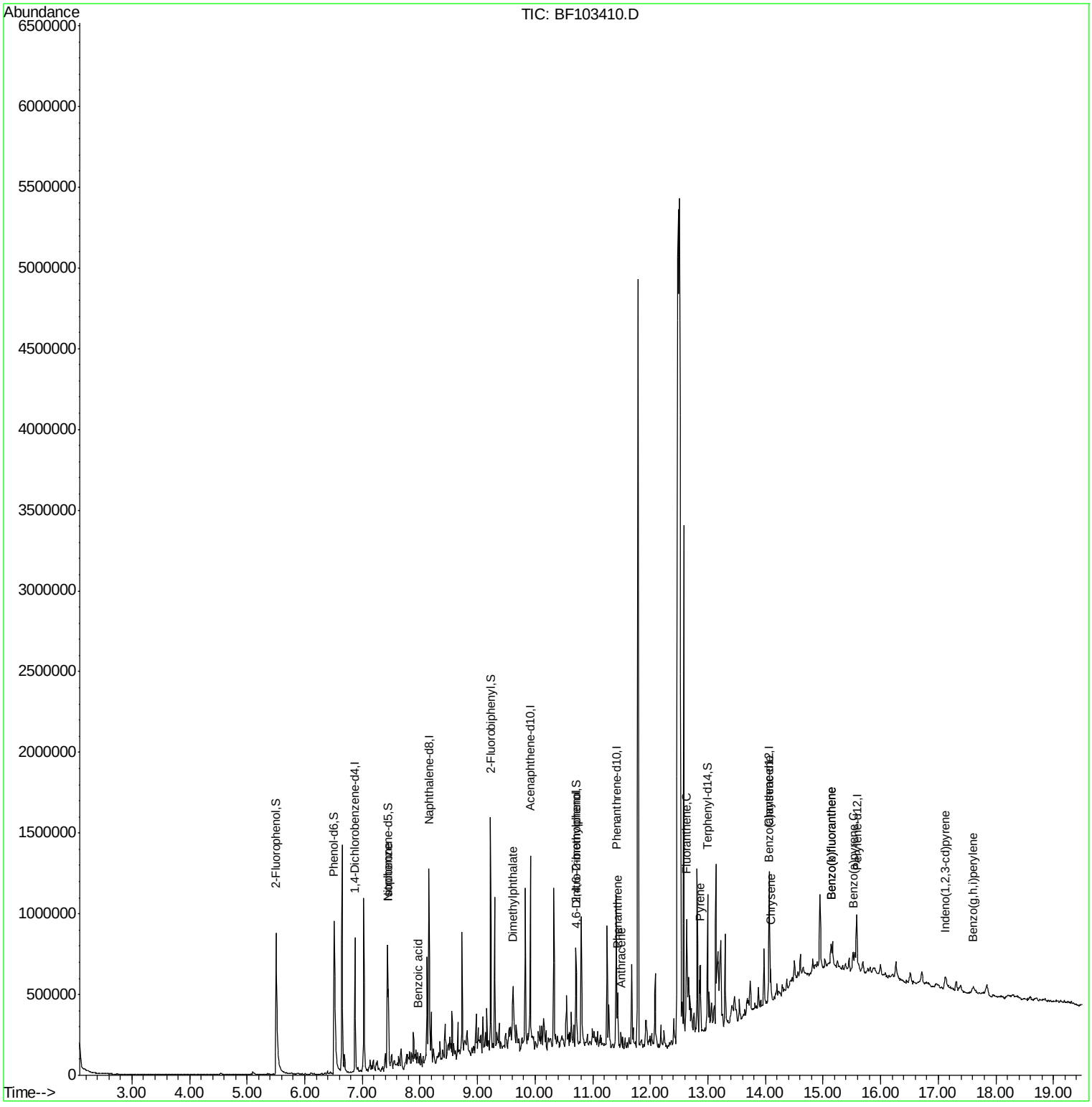
(#) = qualifier out of range (m) = manual integration (+) = signals summed

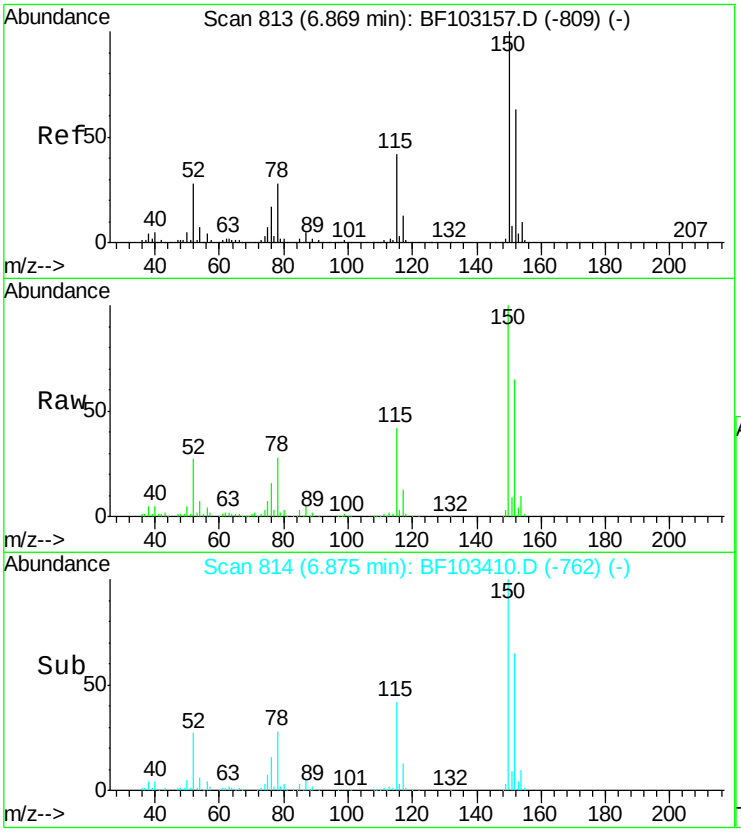
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103410.D
Acq On : 5 Mar 2018 15:30
Operator : SJ/JU
Sample : J1751-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 05 16:59:32 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



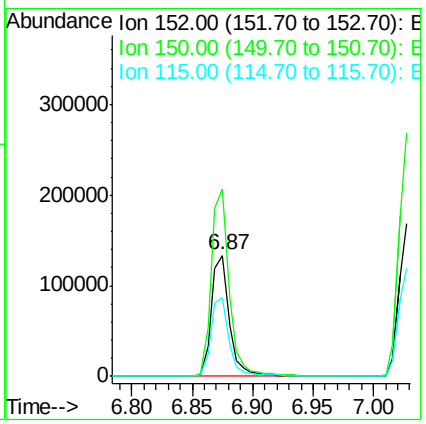


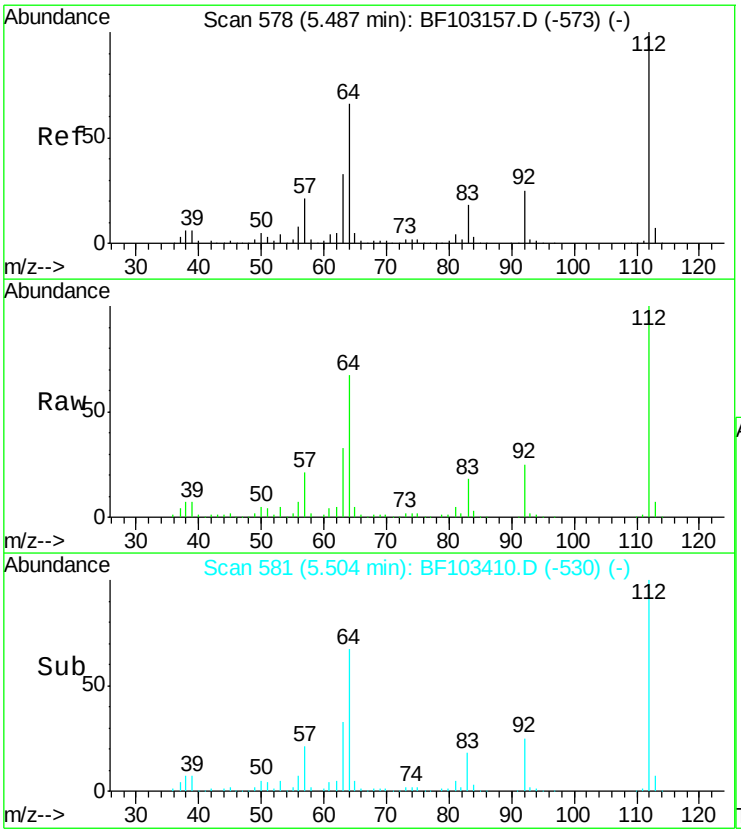
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135920

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	65.3	50.1	75.1

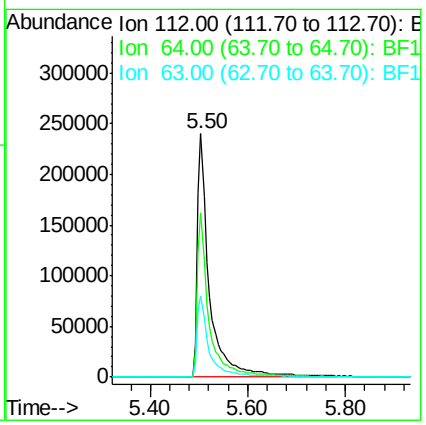


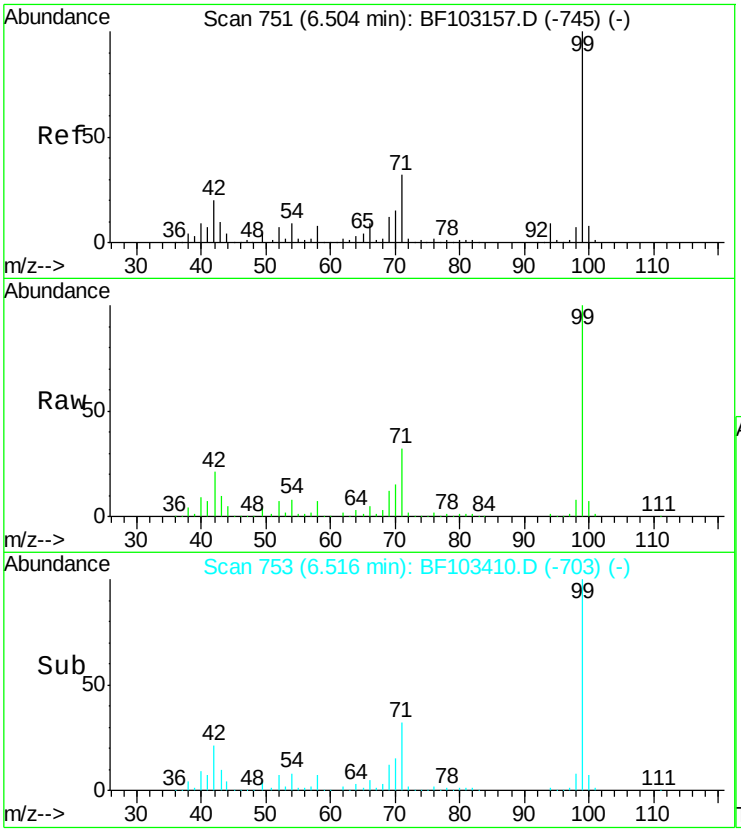


#5
2-Fluorophenol
Concen: 46.152 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:112 Resp: 414762

Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	33.4	23.7	35.5



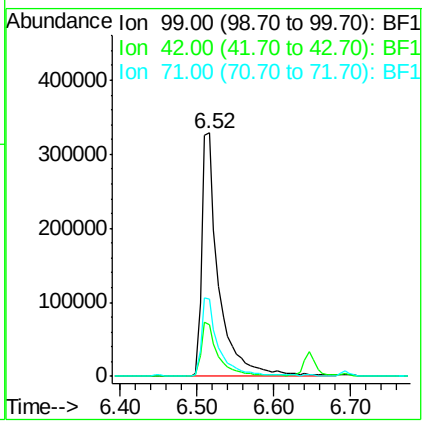


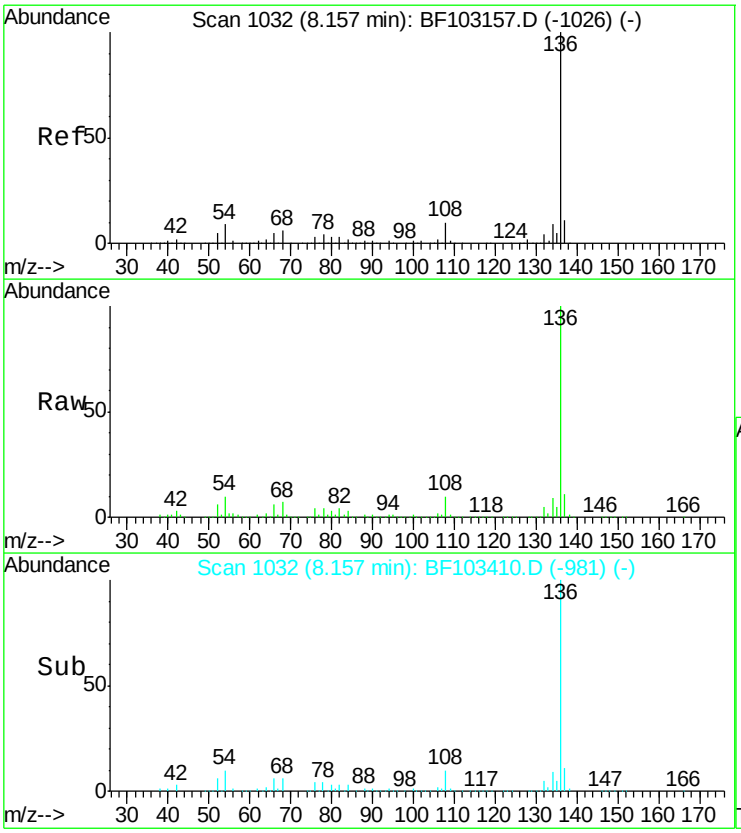
#7
Phenol-d6
Concen: 46.034 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 506221

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	31.6	25.4	38.0

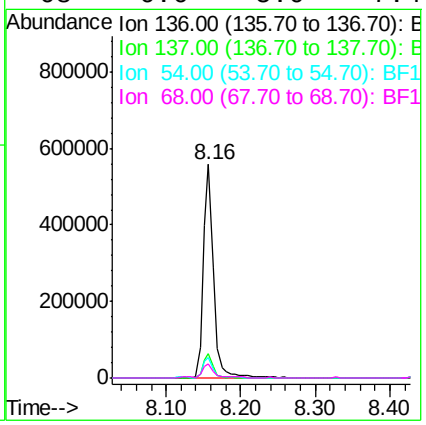


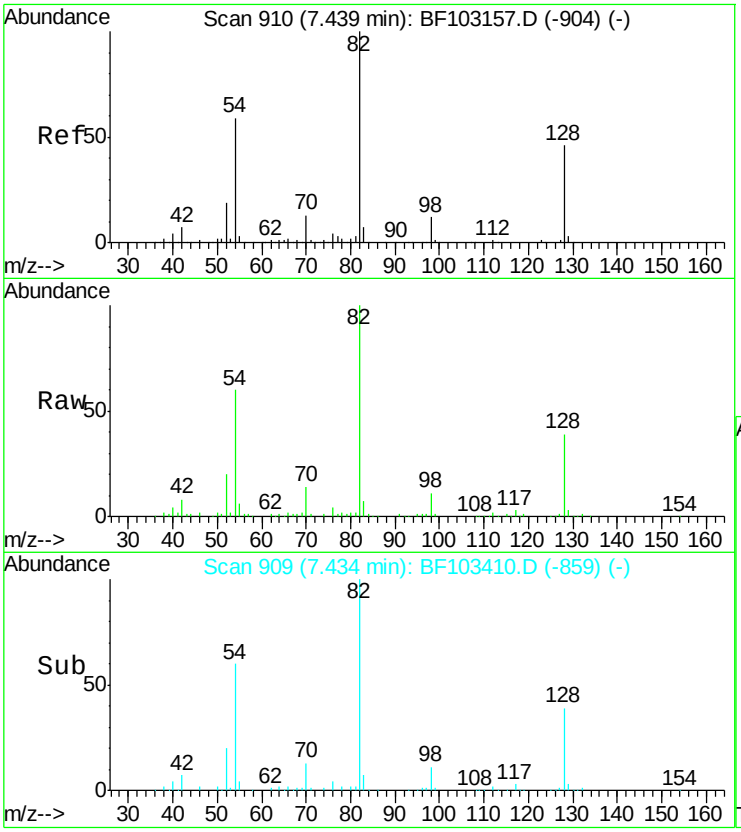


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:136 Resp: 538186

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.7	6.6	9.8
68	6.6	5.0	7.4



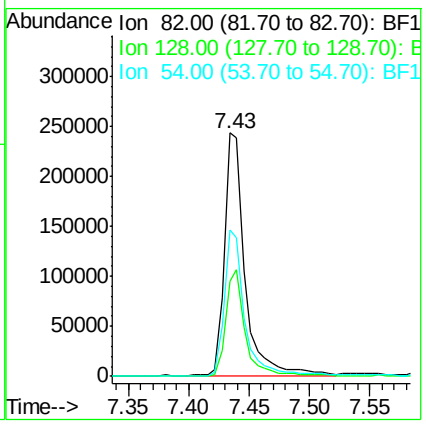


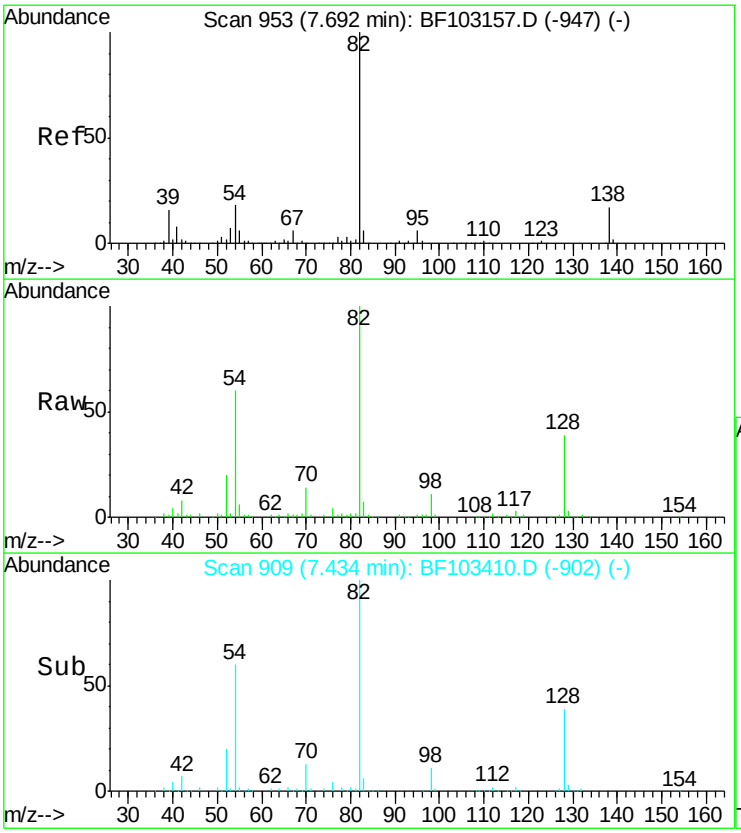
#23
Nitrobenzene-d5
Concen: 30.440 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 286865

Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.1	54.1
54	60.3	41.4	62.2

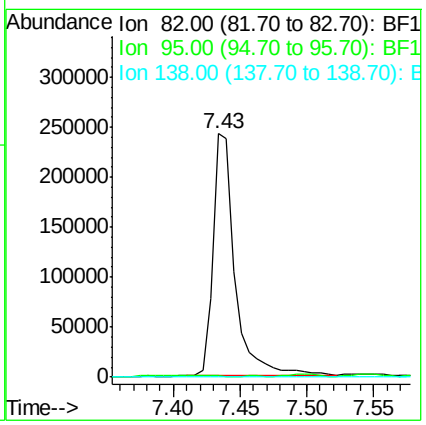


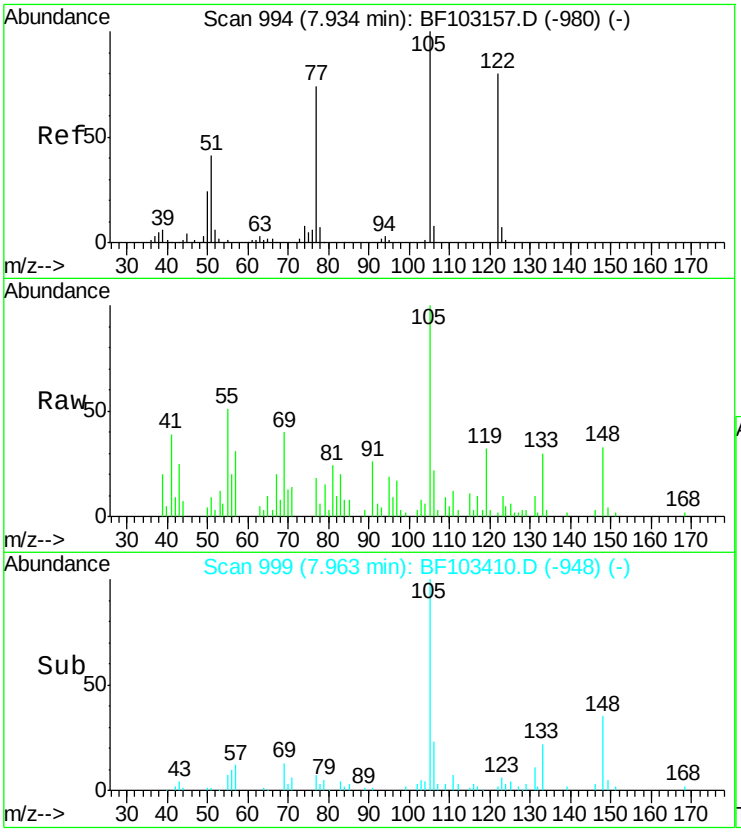


#25
Isophorone
Concen: 15.207 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion: 82 Resp: 282256

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.2	7.8#
138	0.0	14.9	22.3#



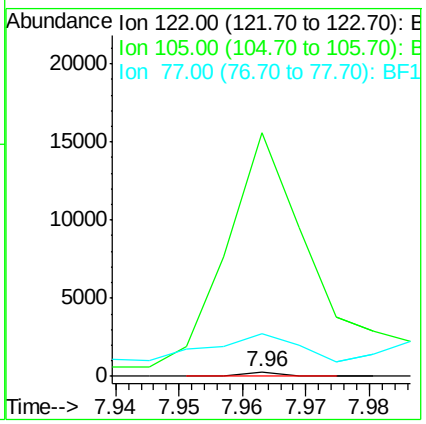


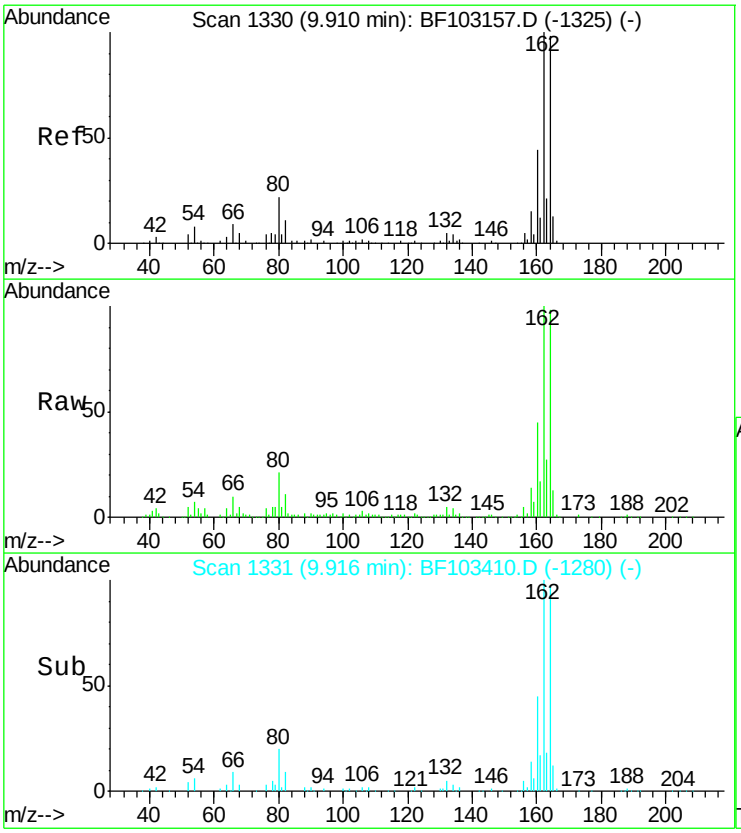
#32
Benzoic acid
Concen: 6.931 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	5060.1	101.1	141.1#
77	899.4	70.7	110.7#

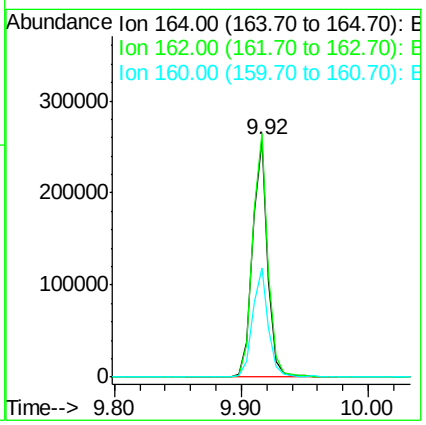


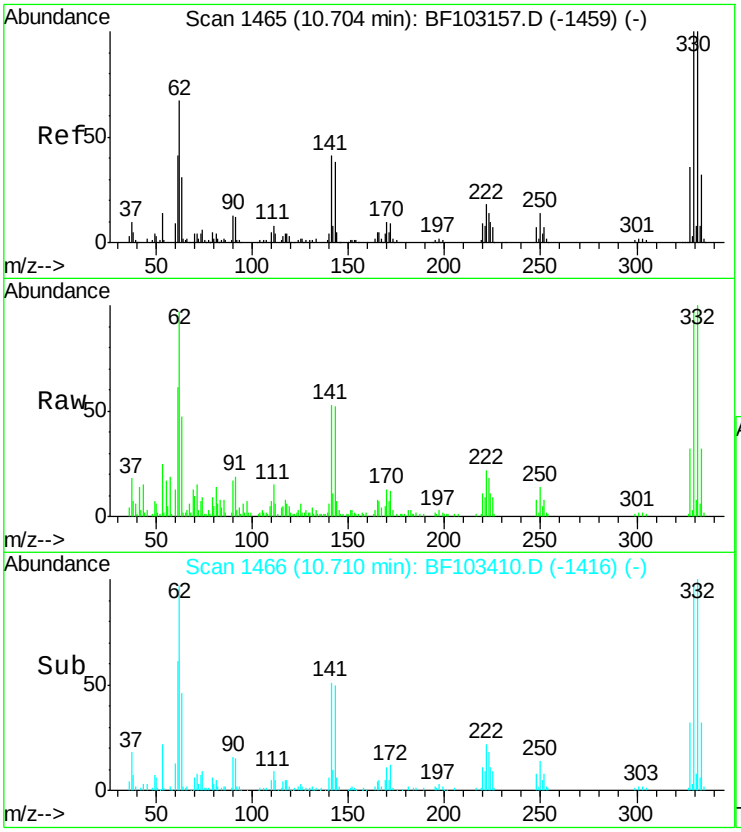


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:164 Resp: 216516

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.2	38.3	57.5



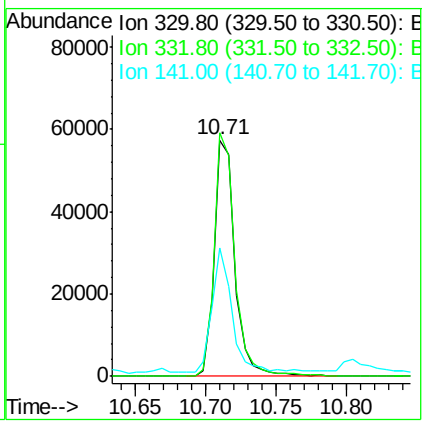


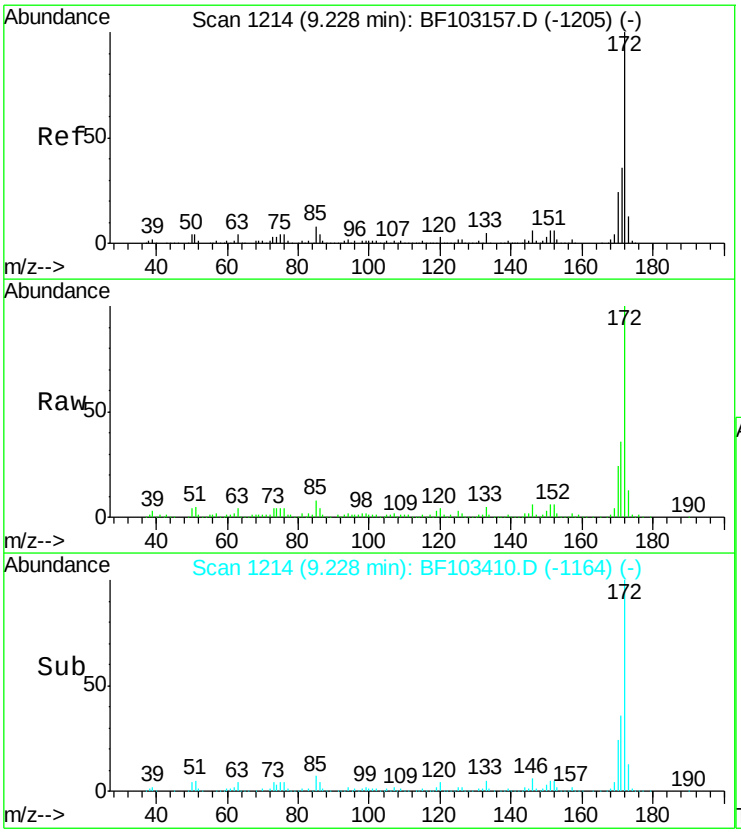
#41
2,4,6-Tribromophenol
Concen: 31.940 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 58537

Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	52.1	29.9	44.9#

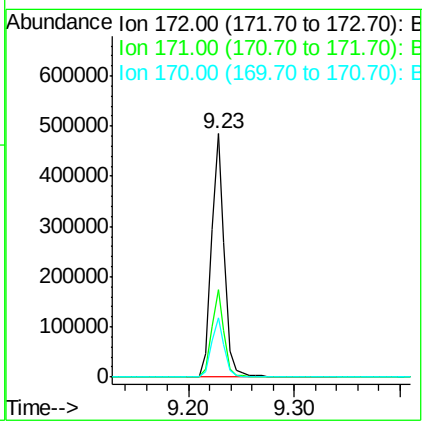


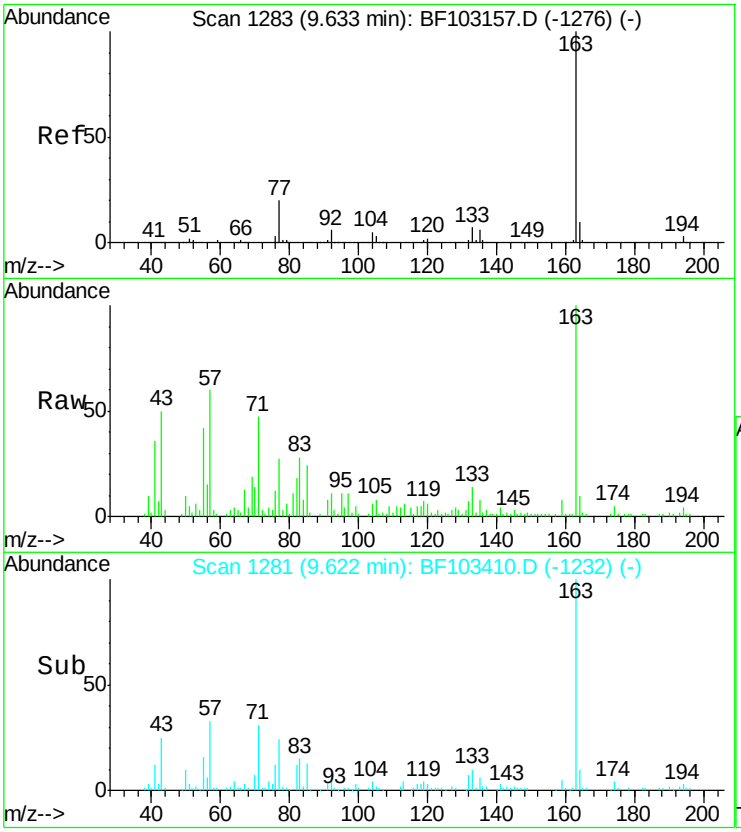


#44
2-Fluorobiphenyl
Concen: 27.501 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:172 Resp: 419459

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4



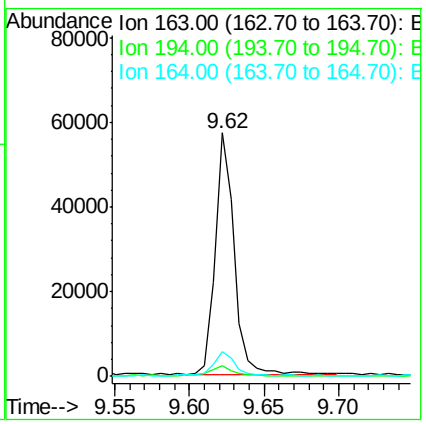


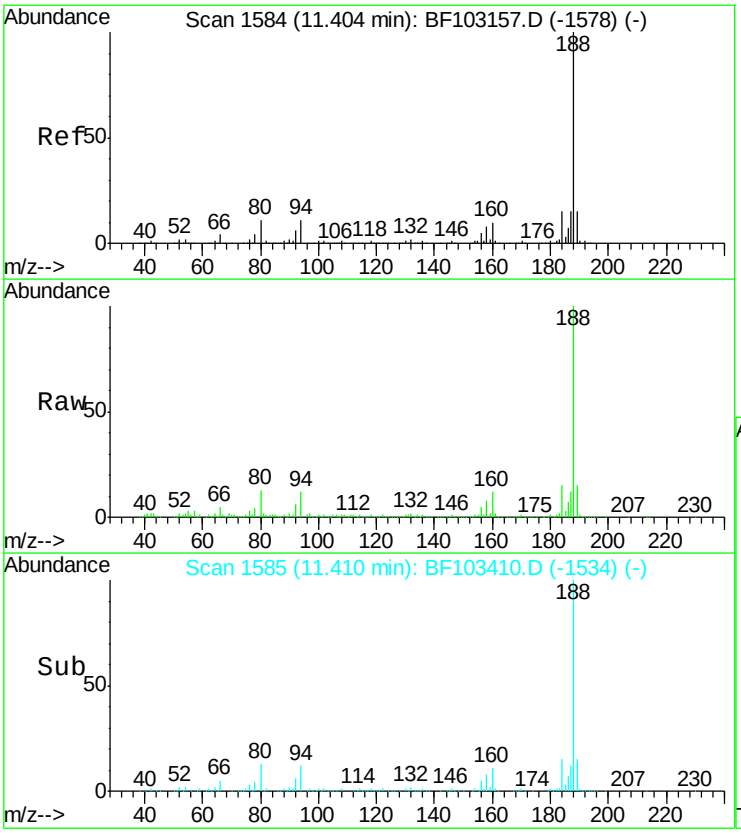
#49
Dimethylphthalate
Concen: 2.943 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 51118

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2

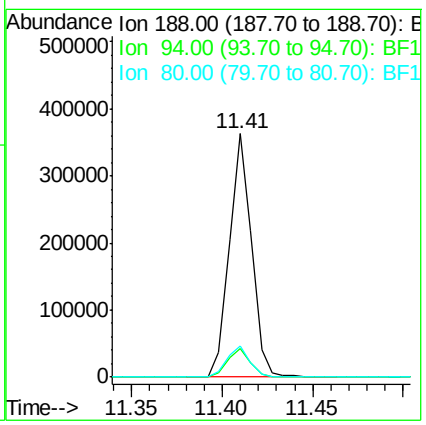


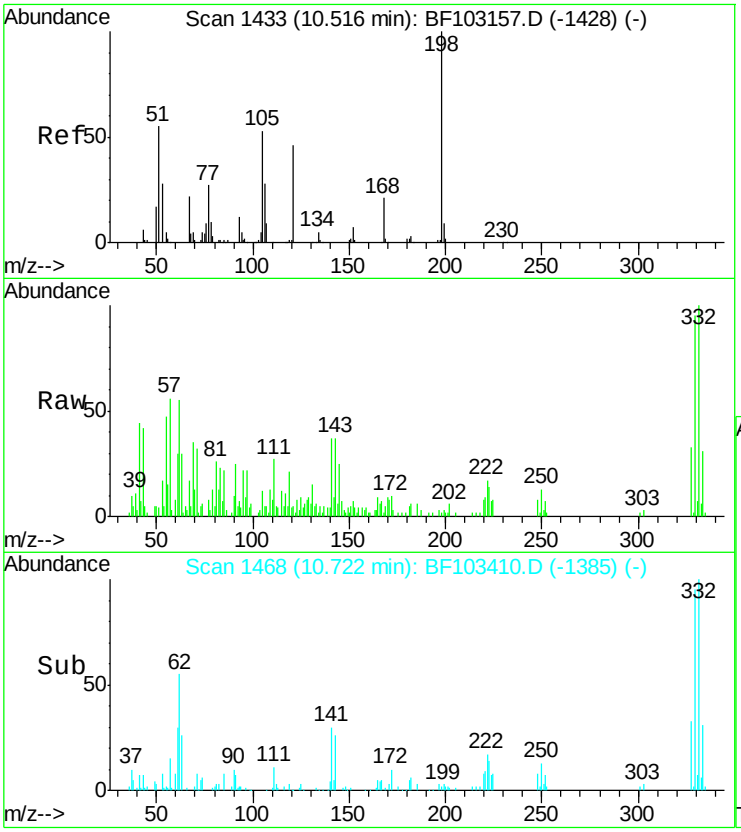


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:188 Resp: 310835

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.9	9.2	13.8



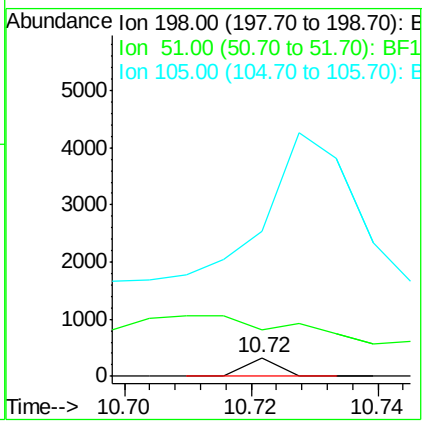


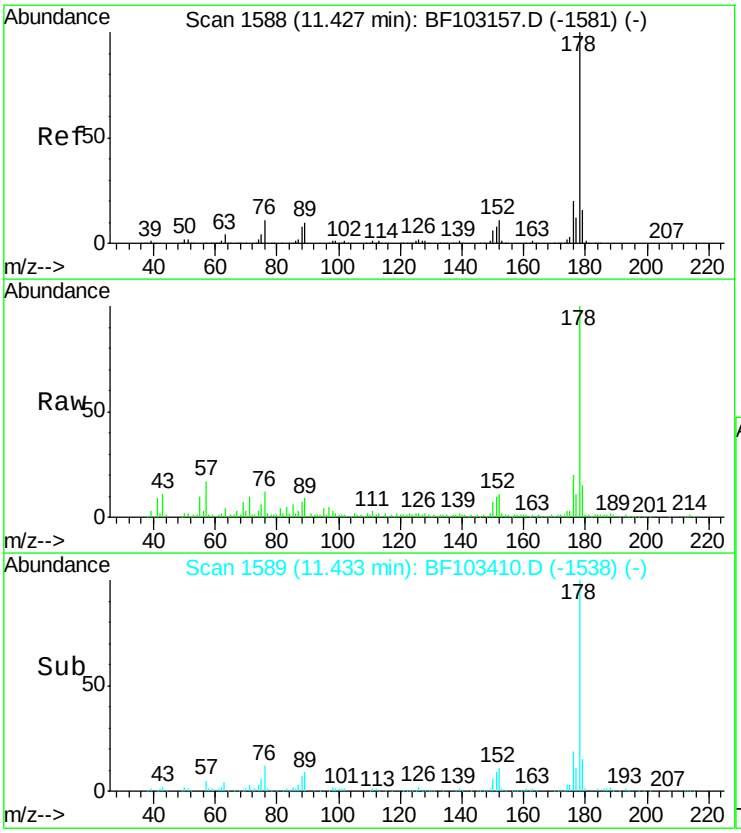
#64
4,6-Dinitro-2-methylphenol
Concen: 4.999 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
51	254.2	37.7	77.7#
105	789.7	36.3	76.3#

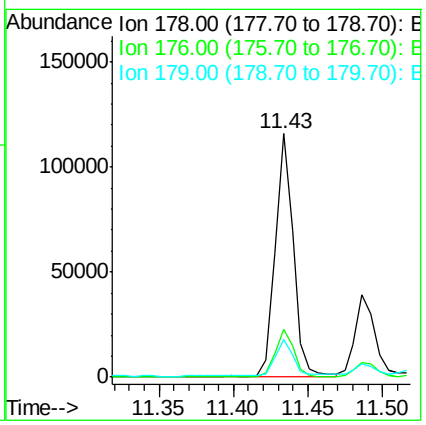


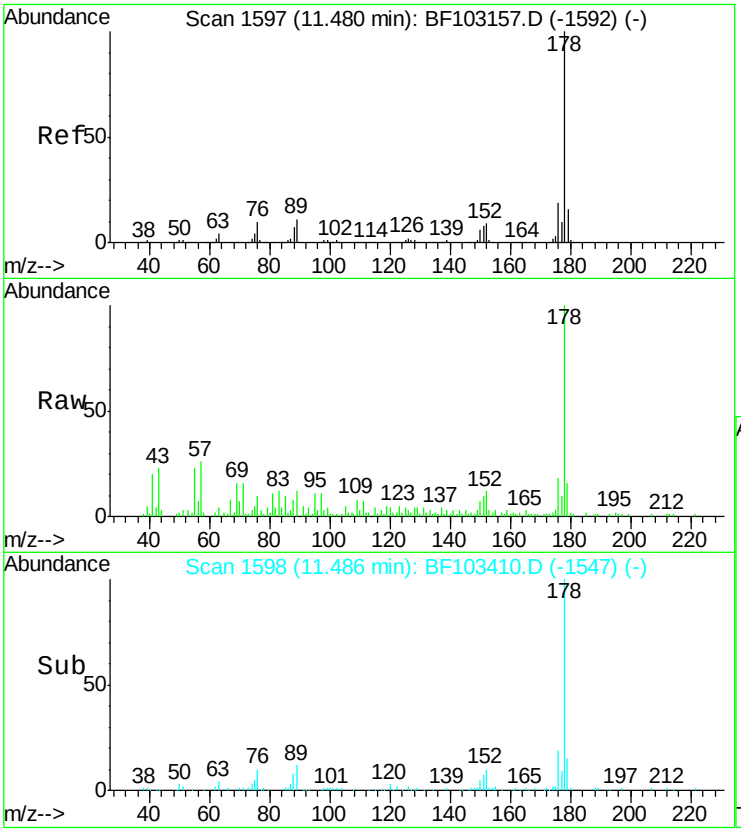


#70
Phenanthrene
Concen: 5.778 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:178 Resp: 98841

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	13.0	19.6



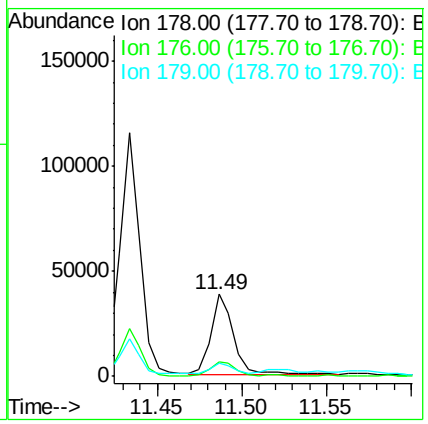


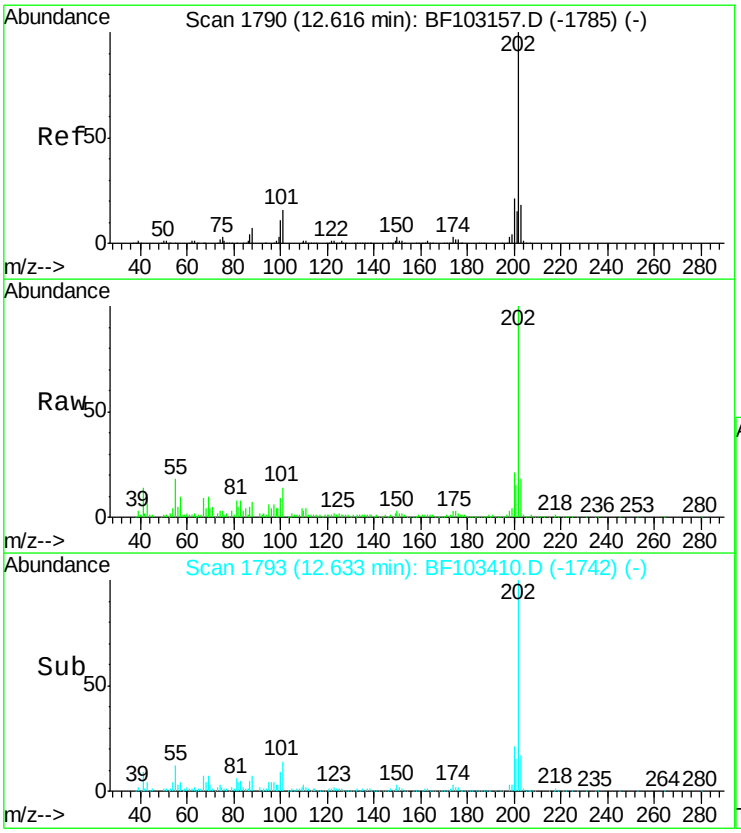
#71
Anthracene
Concen: 2.101 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 36854

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.8	12.6	19.0

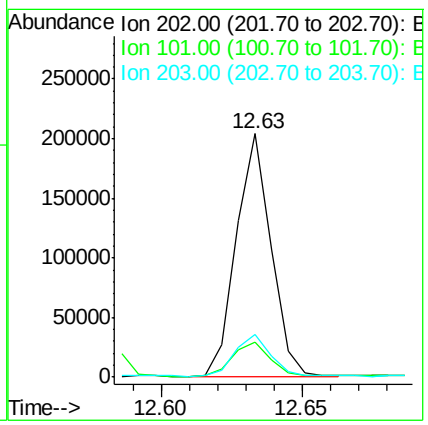


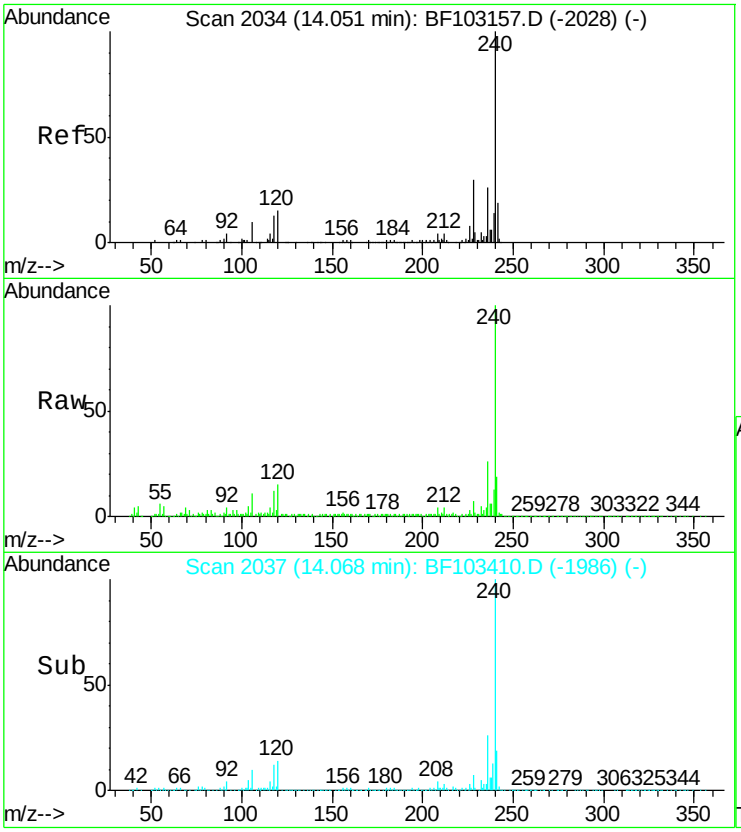


#74
Fluoranthene
Concen: 10.169 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:202 Resp: 174808

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.5	0.0	38.1



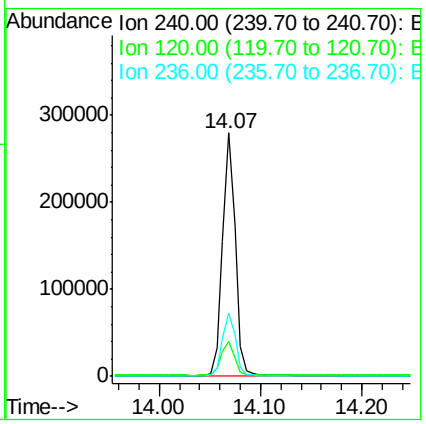


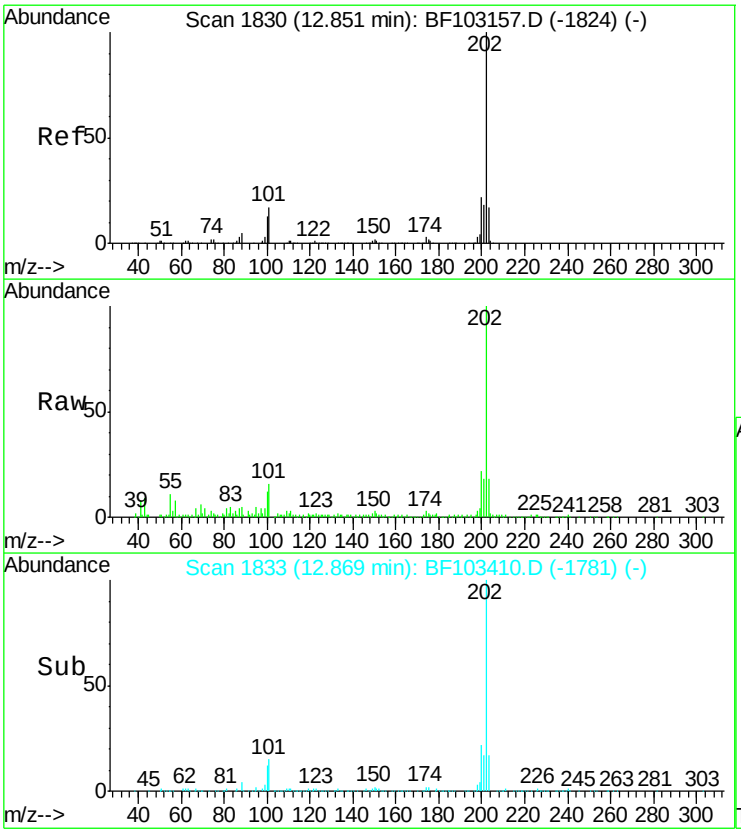
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 245061

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.2	20.7	31.1

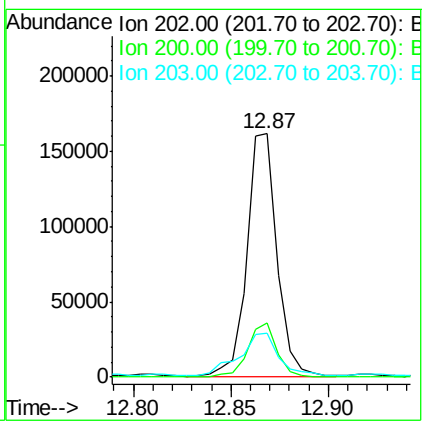


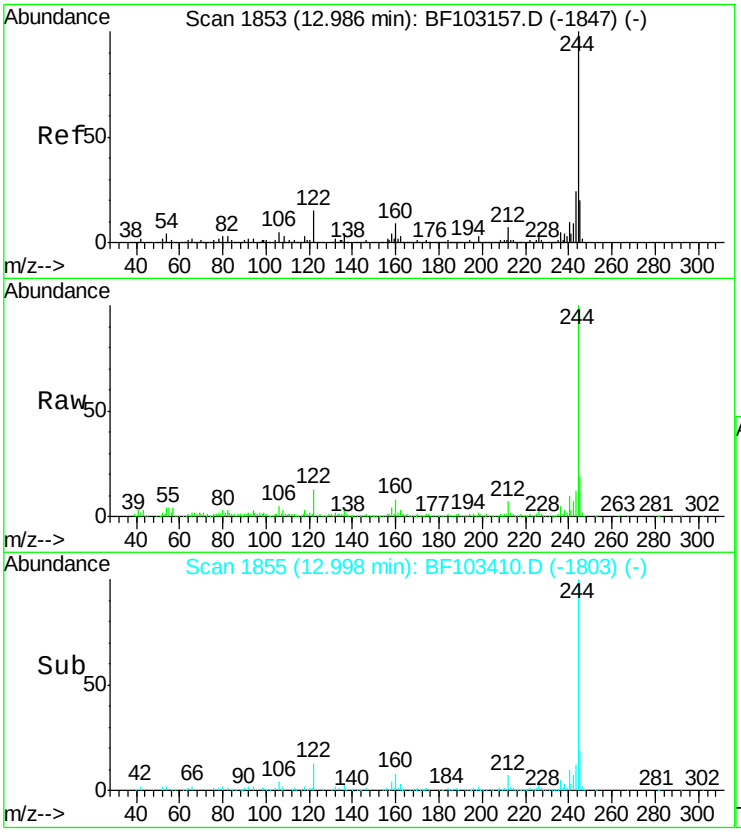


#77
Pyrene
Concen: 8.942 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:202 Resp: 170853

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.3	21.5



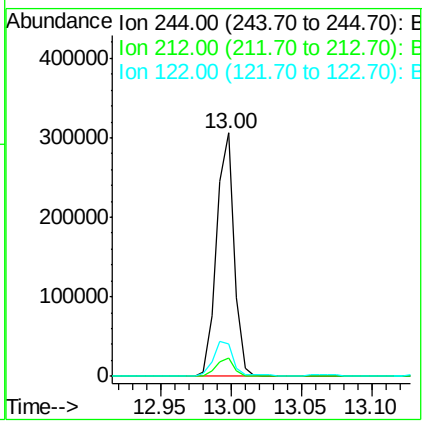


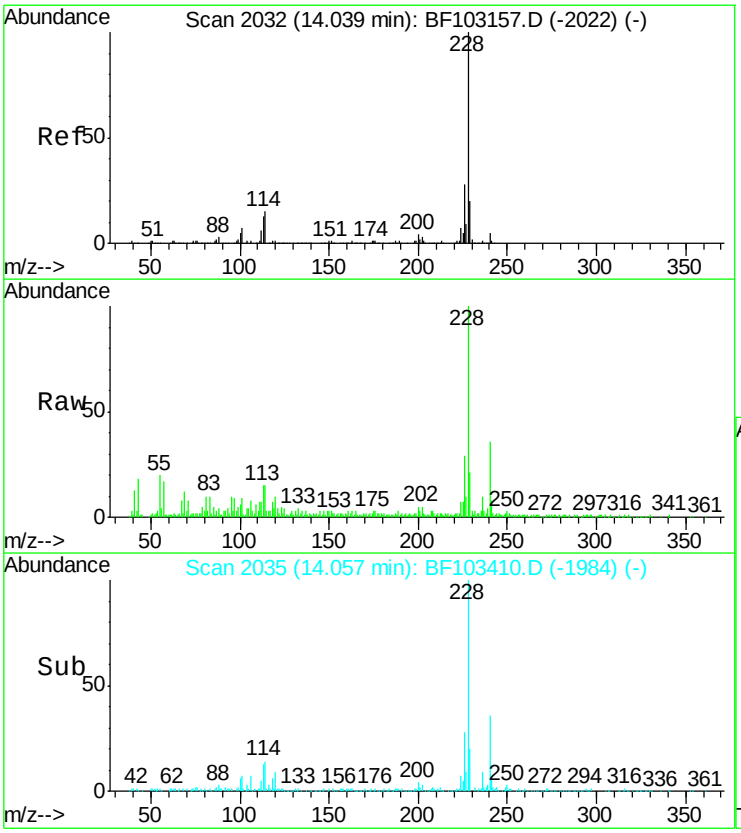
#78
Terphenyl-d14
Concen: 26.018 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 265240

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	13.2	11.0	16.4

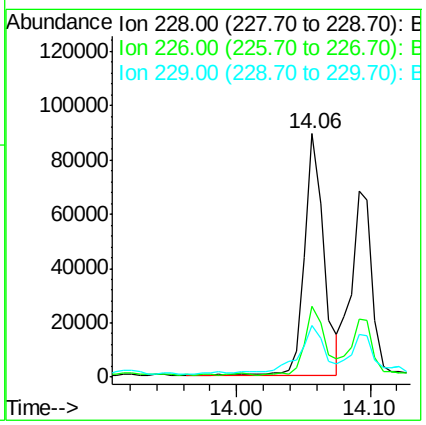


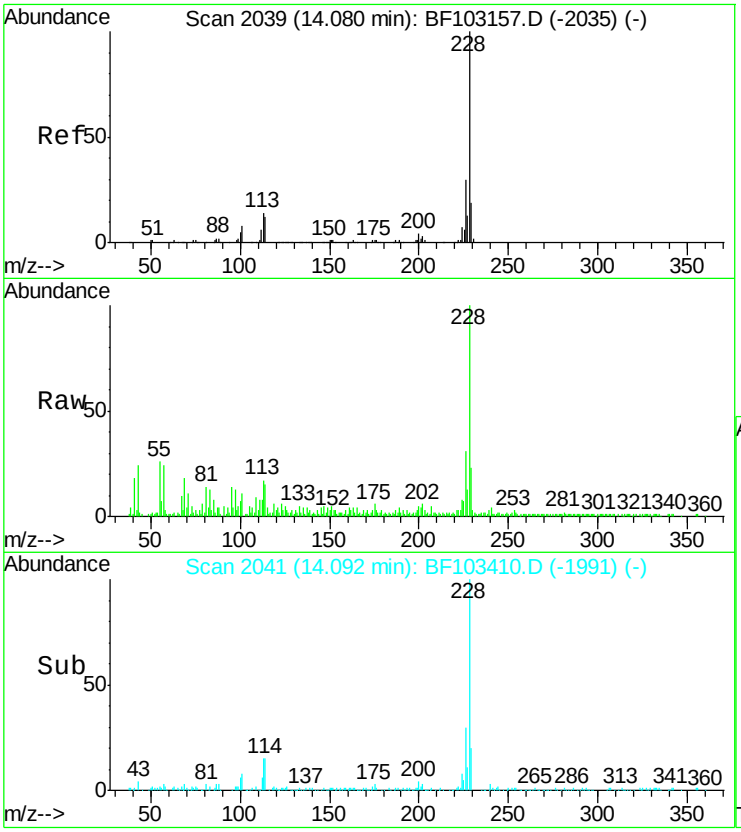


#80
Benzo(a)anthracene
Concen: 5.474 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:228 Resp: 87034

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.3	15.8	23.6



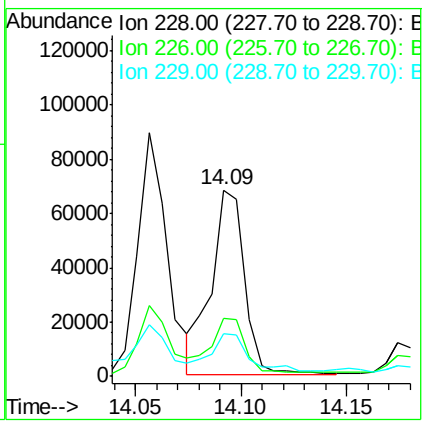


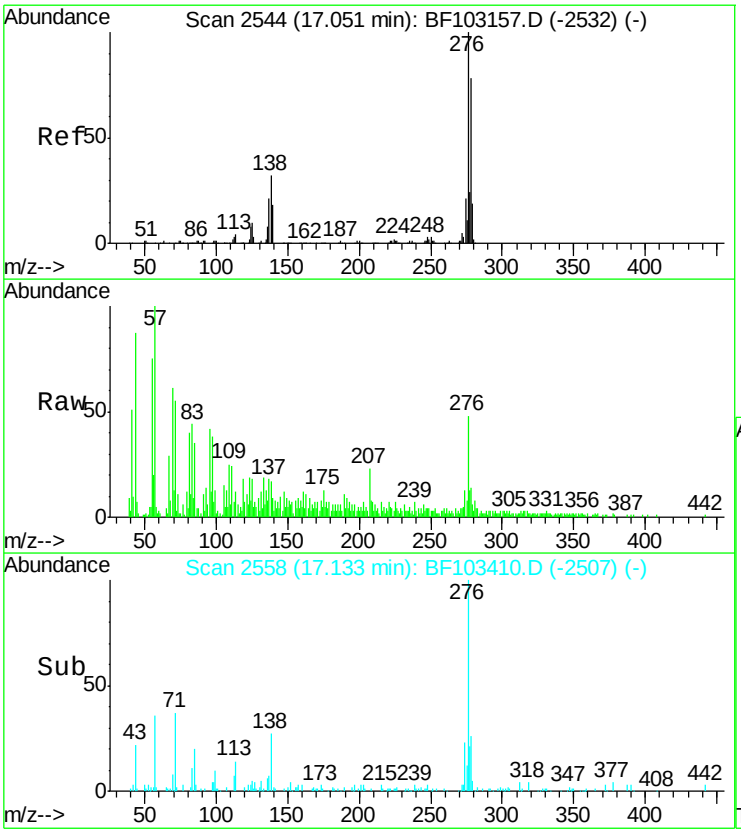
#82
Chrysene
Concen: 4.853 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 74931

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.1	16.2	24.4

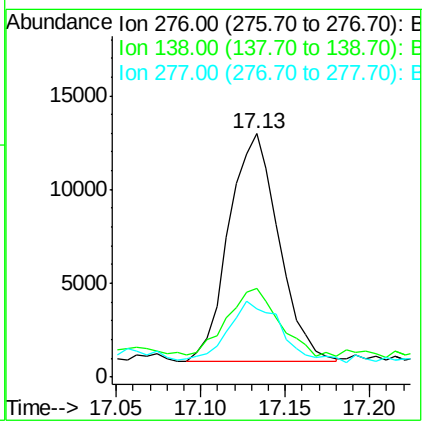


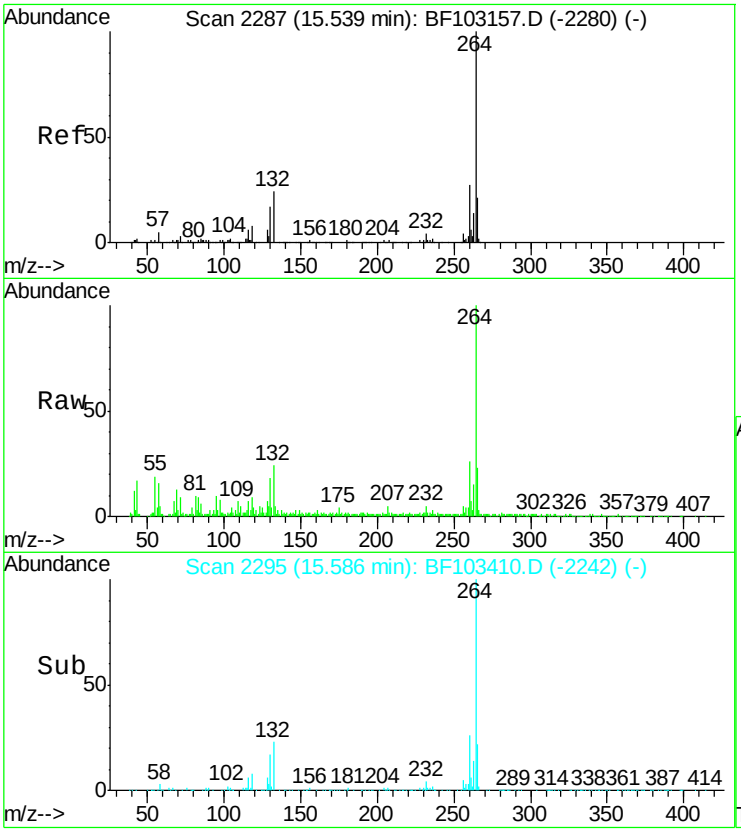


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.043 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:276 Resp: 24975

Ion	Ratio	Lower	Upper
276	100		
138	31.1	25.0	37.6
277	28.9	20.1	30.1



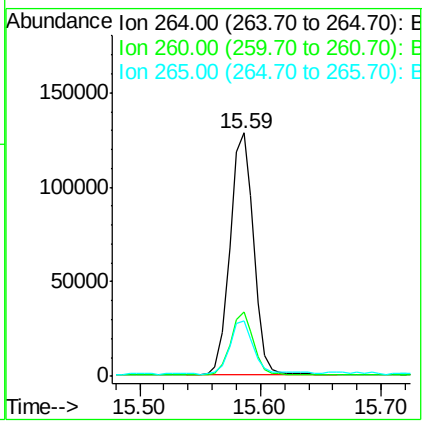


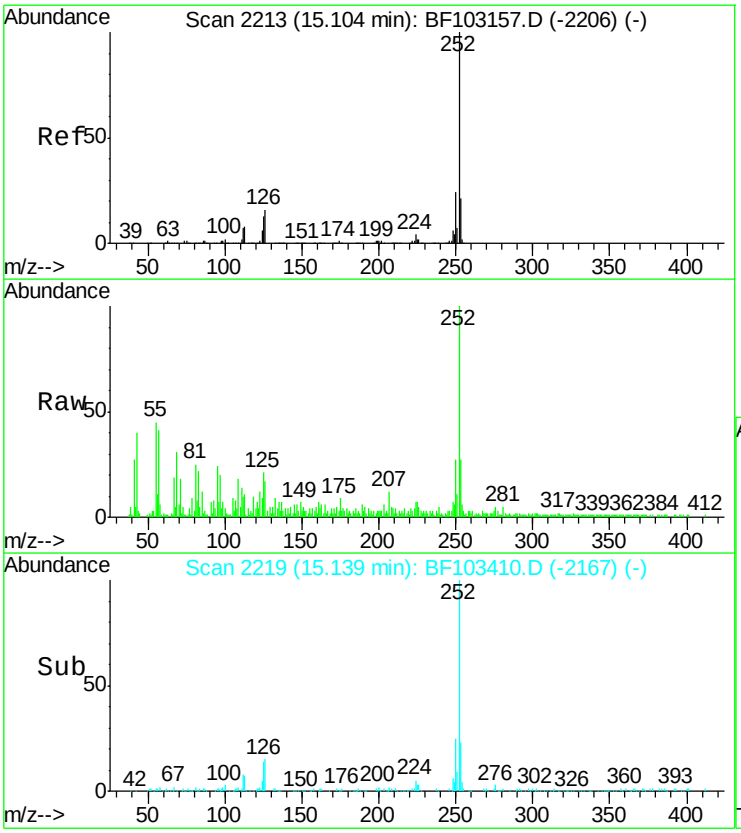
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 173059

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.2	28.8
265	22.5	17.5	26.3

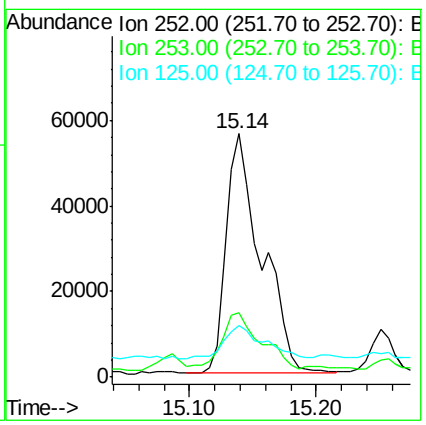


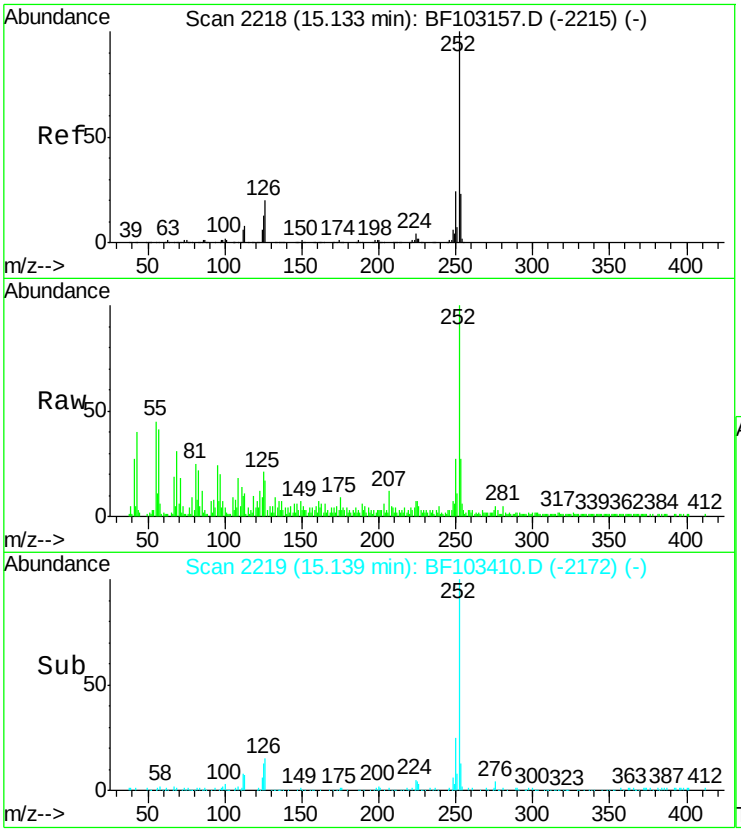


#87
Benzo(b)fluoranthene
Concen: 9.442 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:252 Resp: 107438

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.6#
125	21.1	9.0	13.6#



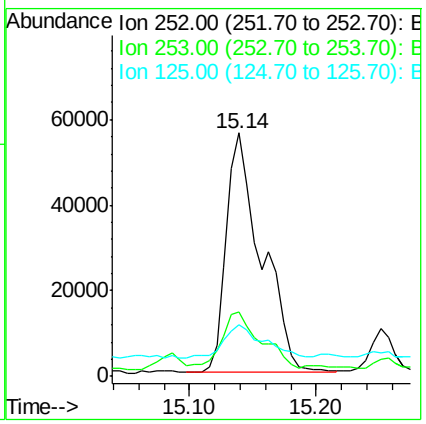


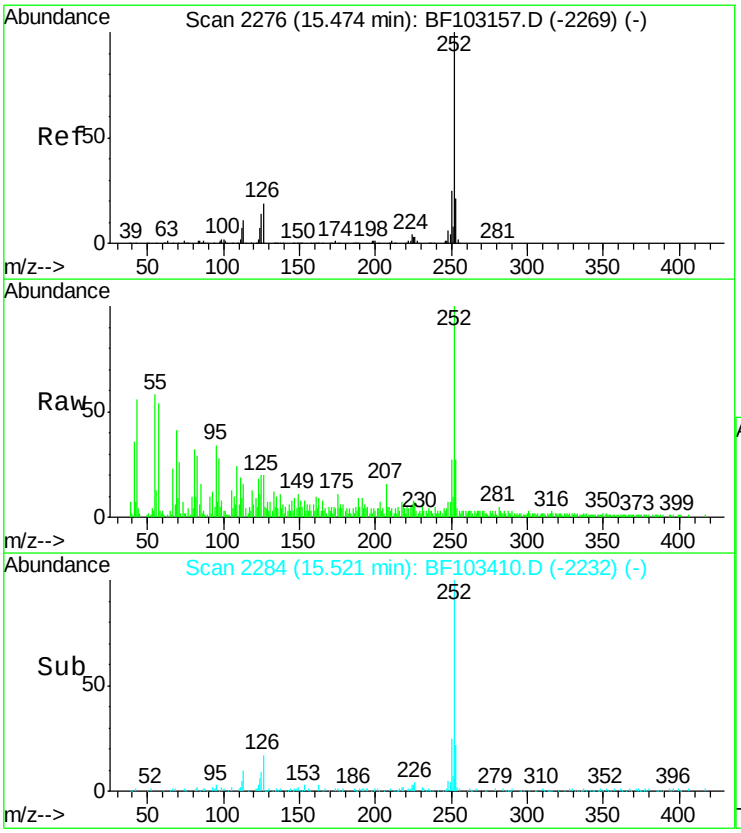
#88
Benzo(k)fluoranthene
Concen: 10.027 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 107438

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	21.1	10.2	15.2#

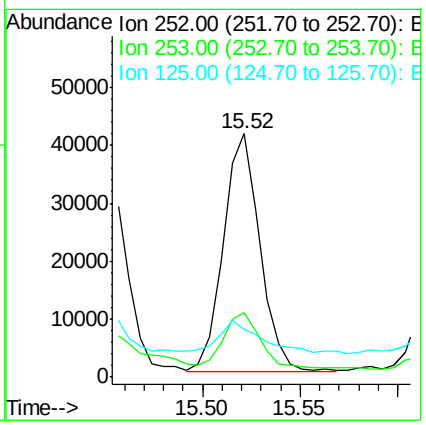


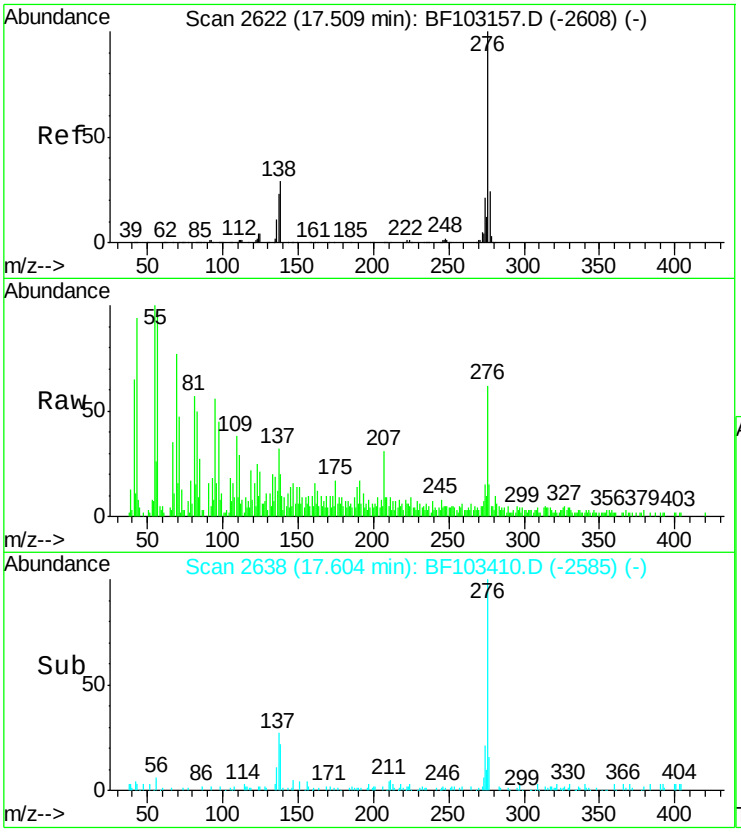


#89
Benzo(a)pyrene
Concen: 5.256 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion:252 Resp: 53409

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	19.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.399 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 26079

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	32.2	21.8	32.8