Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 07 08:46:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87646	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	332396	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	129085	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	211328	20.00	ng		0.00
76) Chrysene-d12	14.14	240	152629	20.00	ng		0.00
87) Perylene-d12	15.67	264	108227	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	170217	31.63	ng		0.00
7) Phenol-d6	6.57	99	221808	32.22	ng		0.00
23) Nitrobenzene-d5	7.52	82	122283	21.82	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	35724	27.94	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	217428	26.45	ng		0.00
79) Terphenyl-d14	13.07	244	171892	23.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.48	77	286	Below Cal		#	1
10) Phenol	6.59	94	16672	2.27	ng	#	76
25) Isophorone	7.52	82	122282	12.80	ng	#	67
50) Dimethylphthalate	9.70	163	35227	3.70	ng		99
57) 2,4-Dinitrotoluene	10.00	165	18031	6.92	ng	#	19
71) Phenanthrene	11.52	178	79552	7.19	ng		100
75) Fluoranthene	12.71	202	119323	10.63	ng		98
77) Benzidine	12.87	184	115	Below Cal		#	1
78) Pyrene	12.94	202	117728	10.76	ng		98
81) Benzo(a)anthracene	14.13	228	46041	5.09	ng		95
83) Chrysene	14.16	228	41092	4.78	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	15839	2.22	ng		98
88) Benzo(b)fluoranthene	15.21	252	53585	8.57	ng	#	79
89) Benzo(k)fluoranthene	15.21	252	53585	8.72	ng	#	78
90) Benzo(a)pyrene	15.60	252	30209	5.25	ng	#	91
92) Benzo(g,h,i)perylene	17.72	276	16938	3.46	ng	#	89

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

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QLast Update : Thu Nov 01 16:06:12 2018
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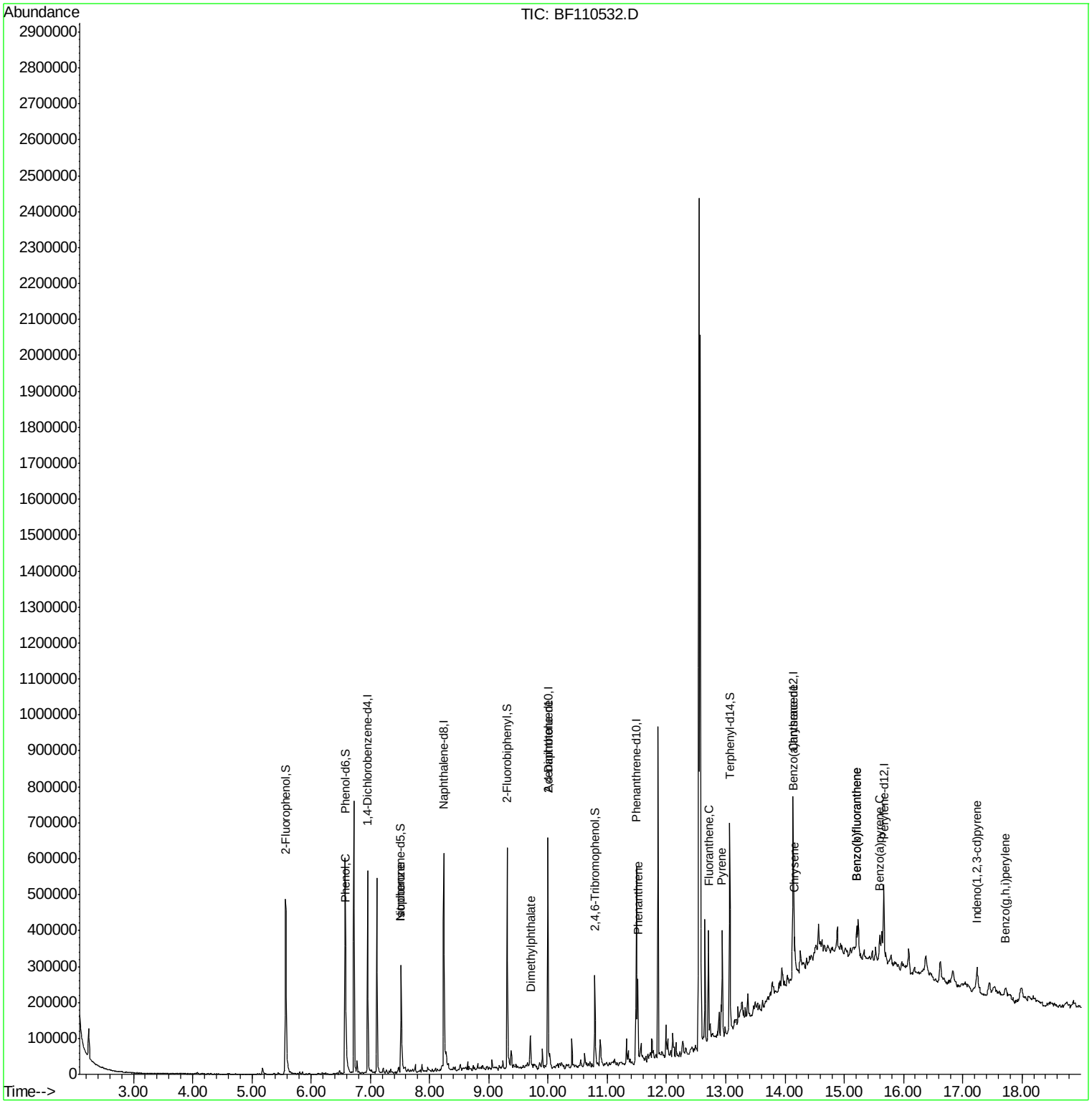
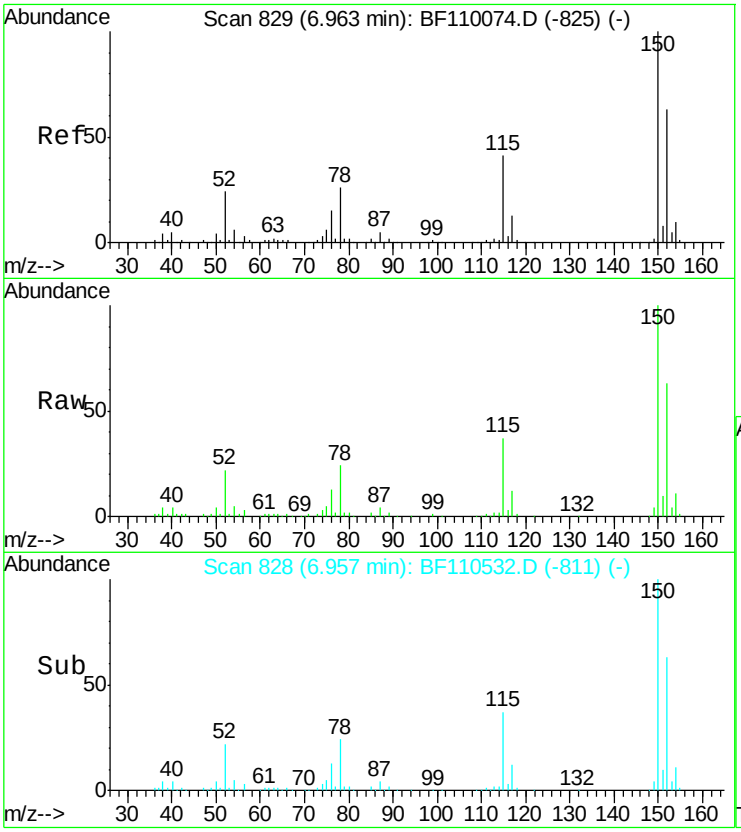
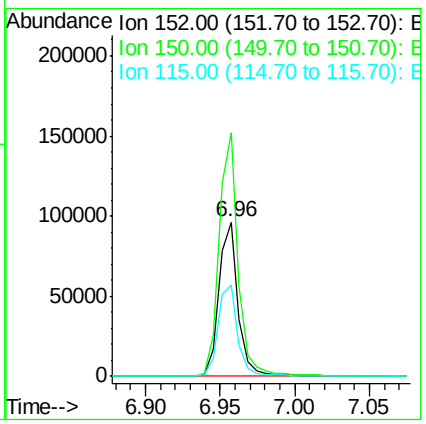




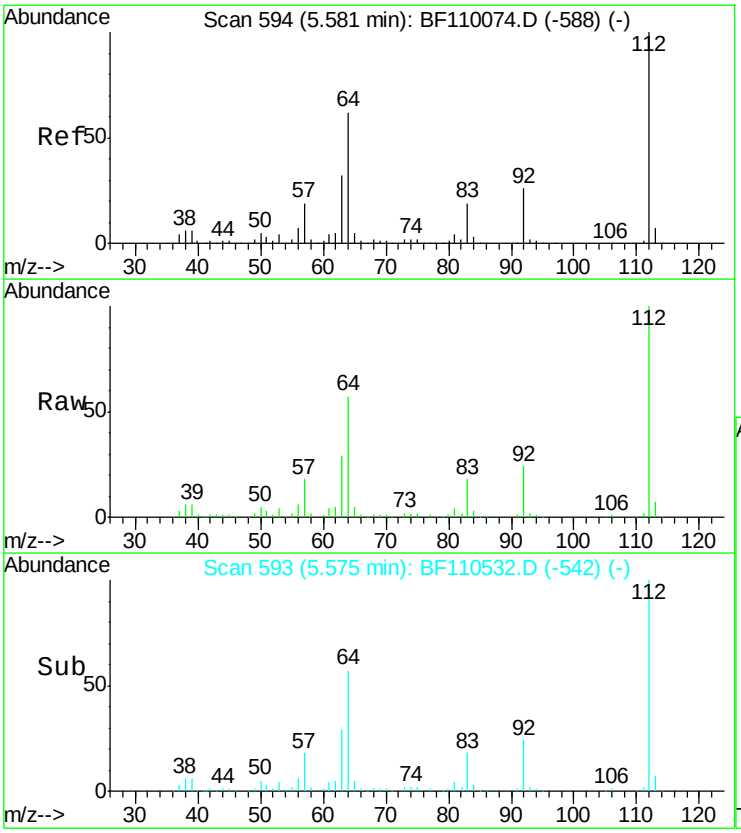
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:152 Resp: 87646

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	58.9	49.1	73.7



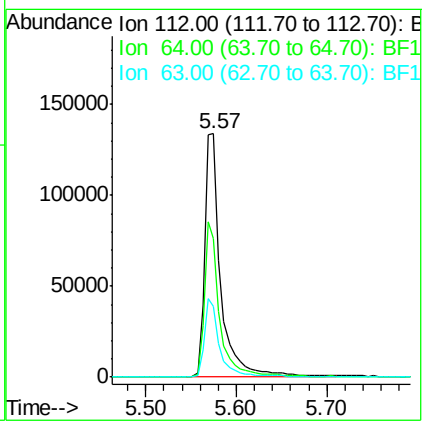
Instrument :
BNA_F
ClientSampleId :

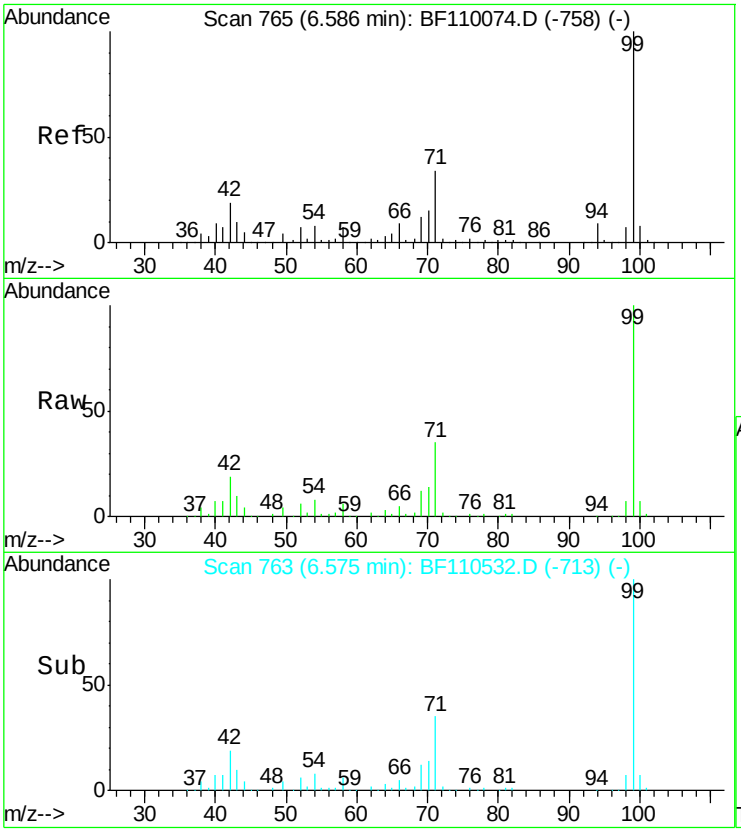


#5
2-Fluorophenol
Concen: 31.63 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:112 Resp: 170217

Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.1	66.1
63	29.3	23.7	35.5



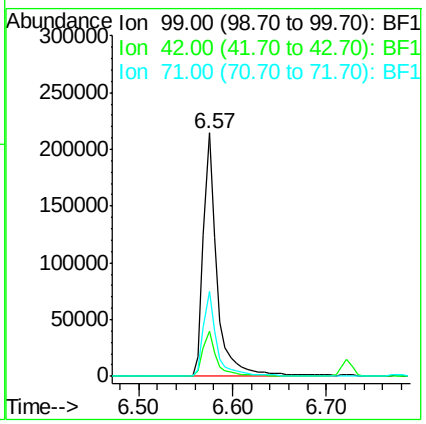


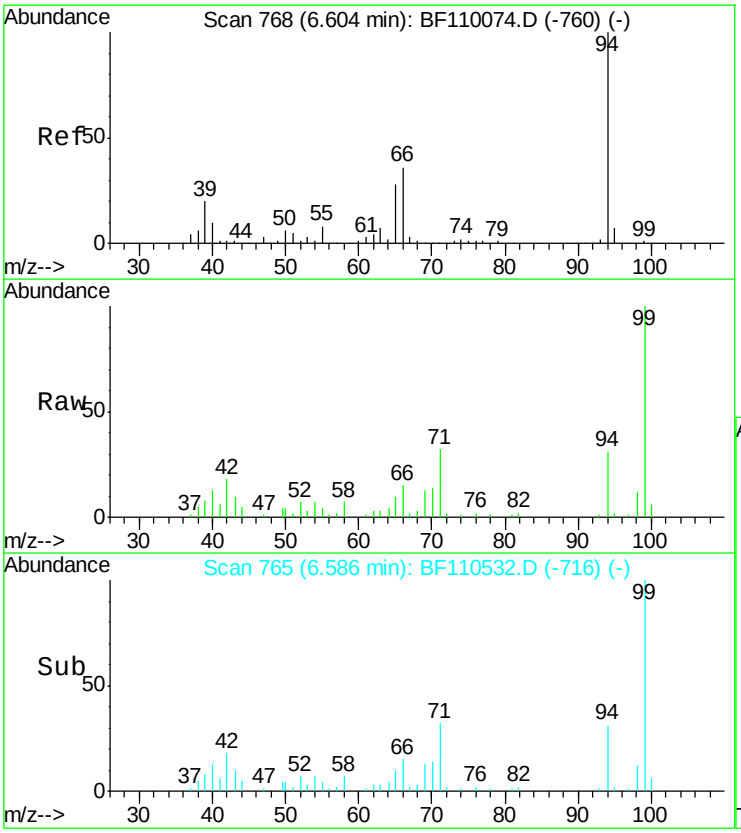
#7
Phenol-d6
Concen: 32.22 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 221808

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	34.7	28.0	42.0

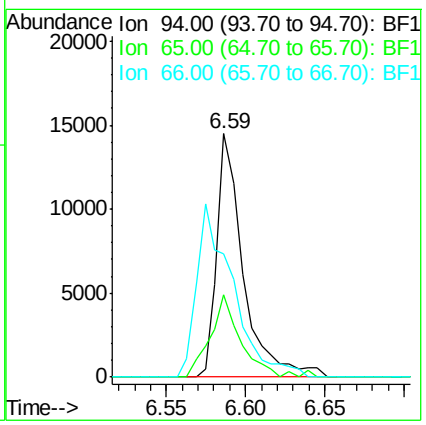


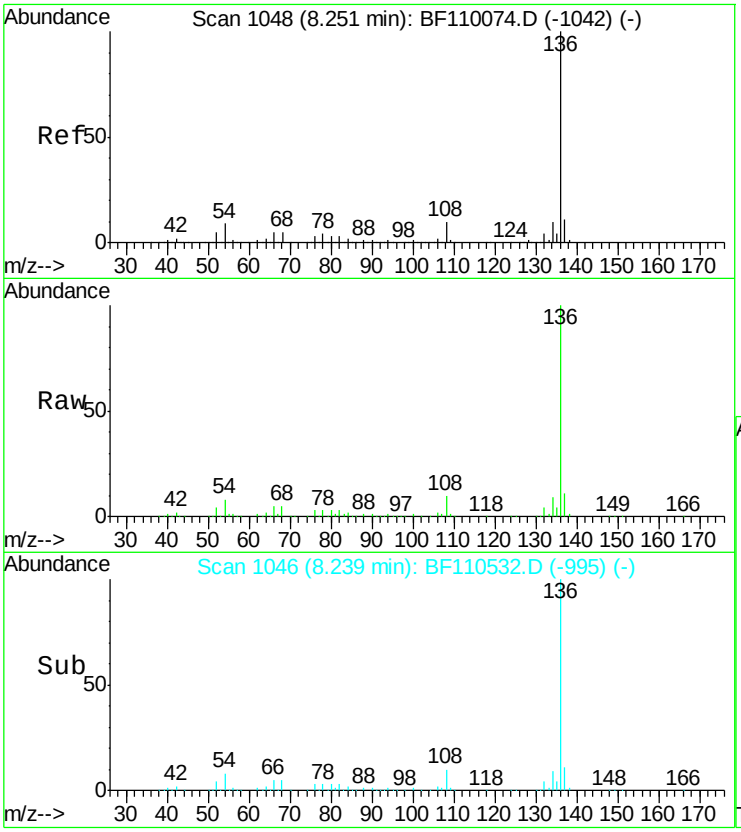


#10
Phenol
Concen: 2.27 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion: 94 Resp: 16672

Ion	Ratio	Lower	Upper
94	100		
65	33.7	25.3	65.3
66	50.6	54.5	94.5#



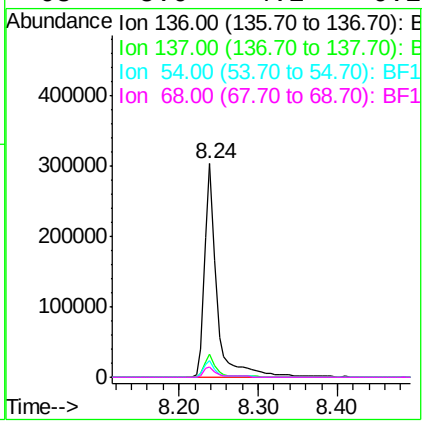


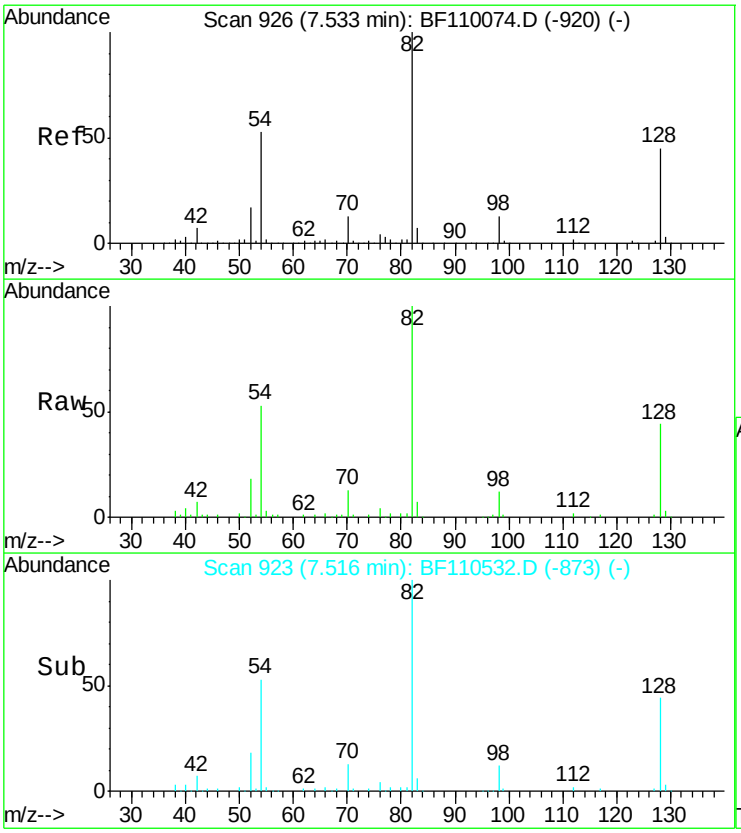
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 332396

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.9	5.4	8.2
68	5.0	4.2	6.2

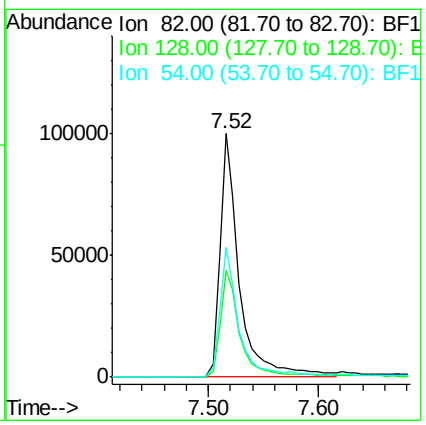


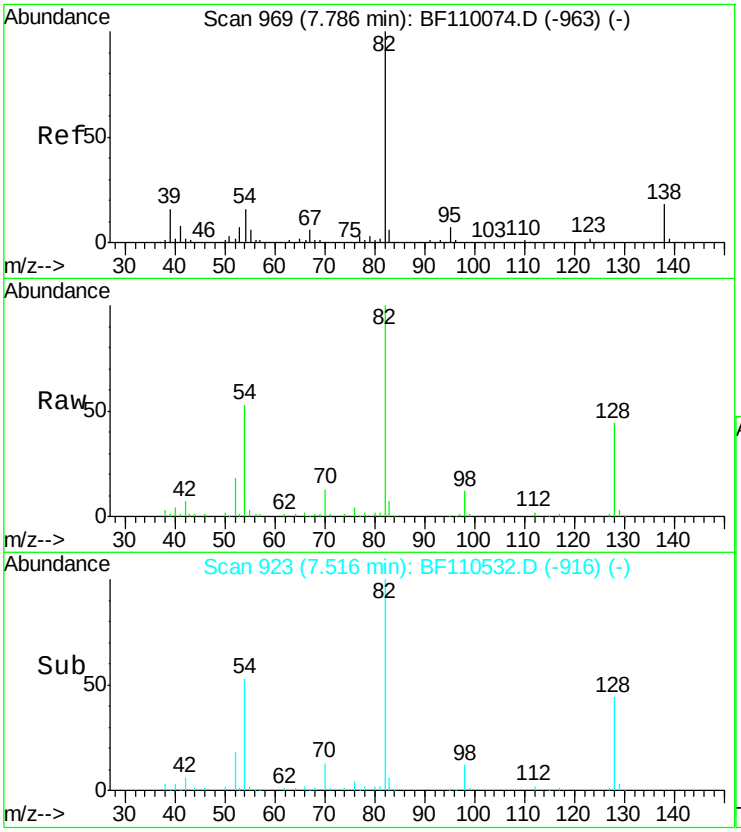


#23
Nitrobenzene-d5
Concen: 21.82 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion: 82 Resp: 122283

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	53.1	38.6	58.0



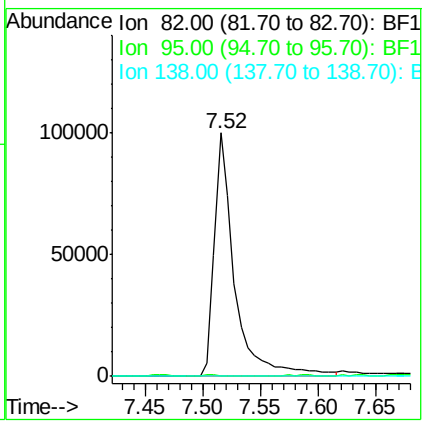


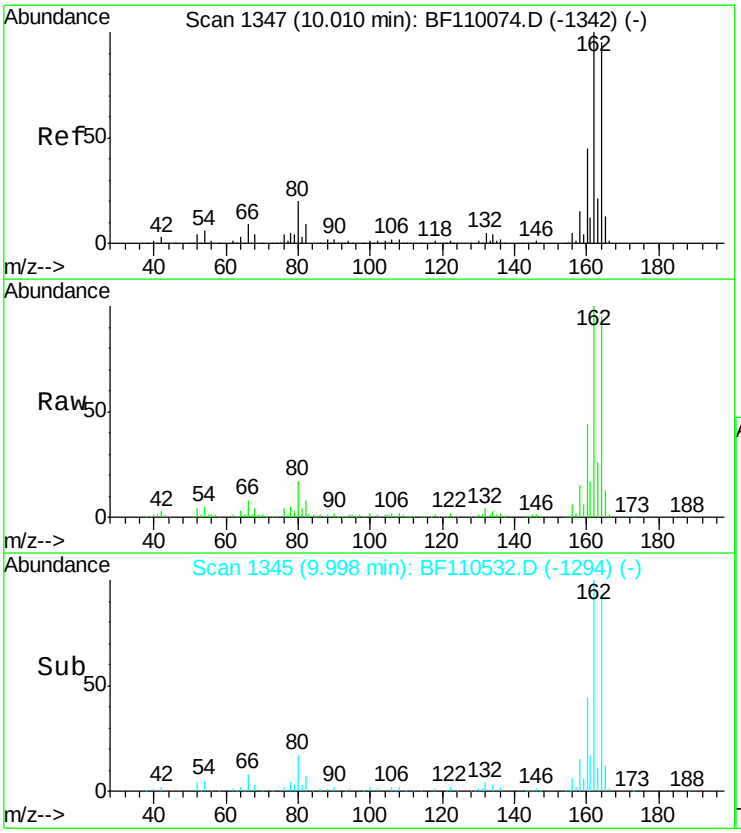
#25
Isophorone
Concen: 12.80 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 122282

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.7	8.5#
138	0.0	13.2	19.8#

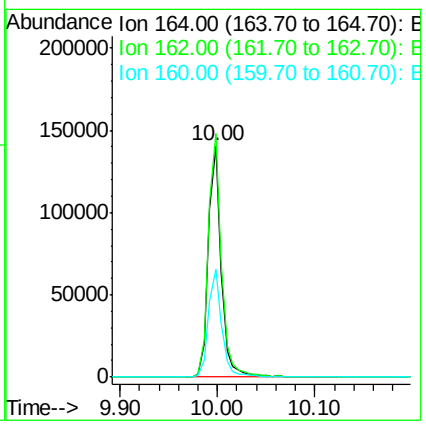


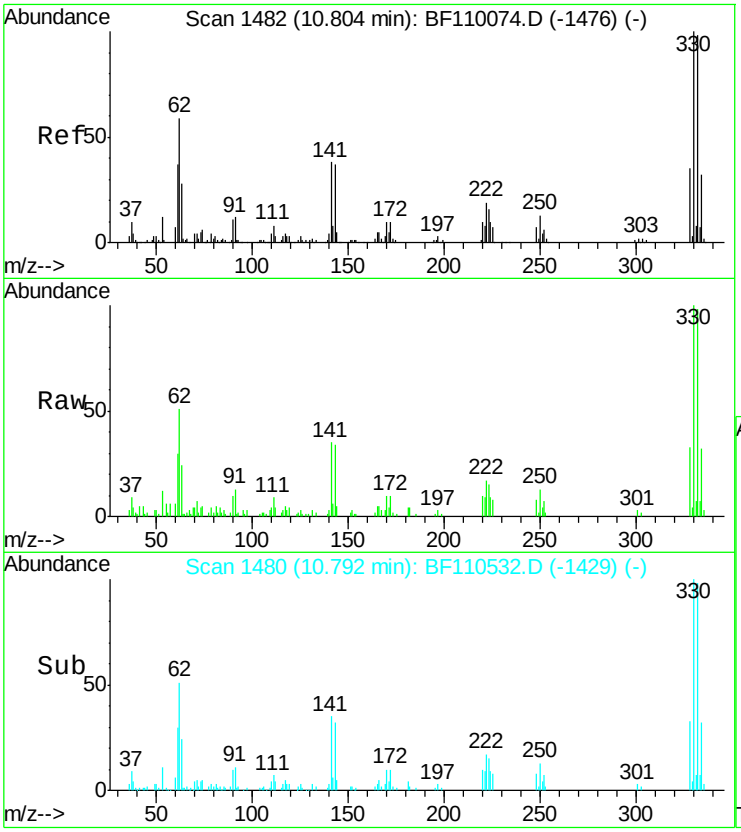


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:164 Resp: 129085

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	46.6	37.0	55.6



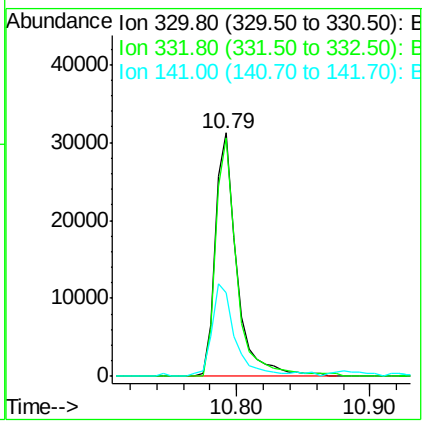


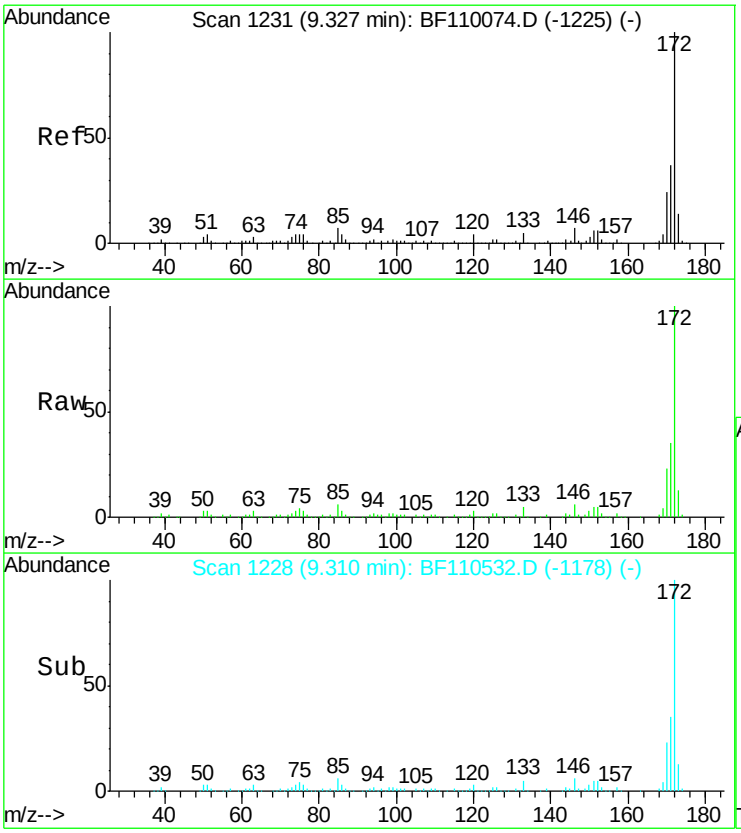
#42
2,4,6-Tribromophenol
Concen: 27.94 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 35724

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	40.8	27.0	40.4#

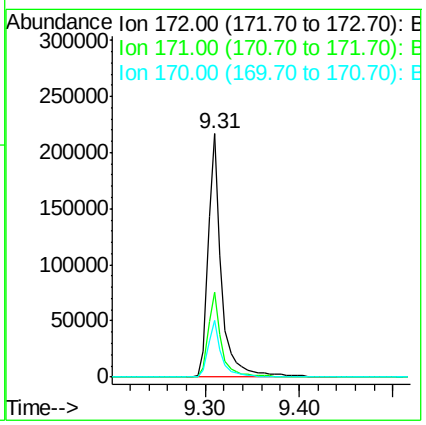


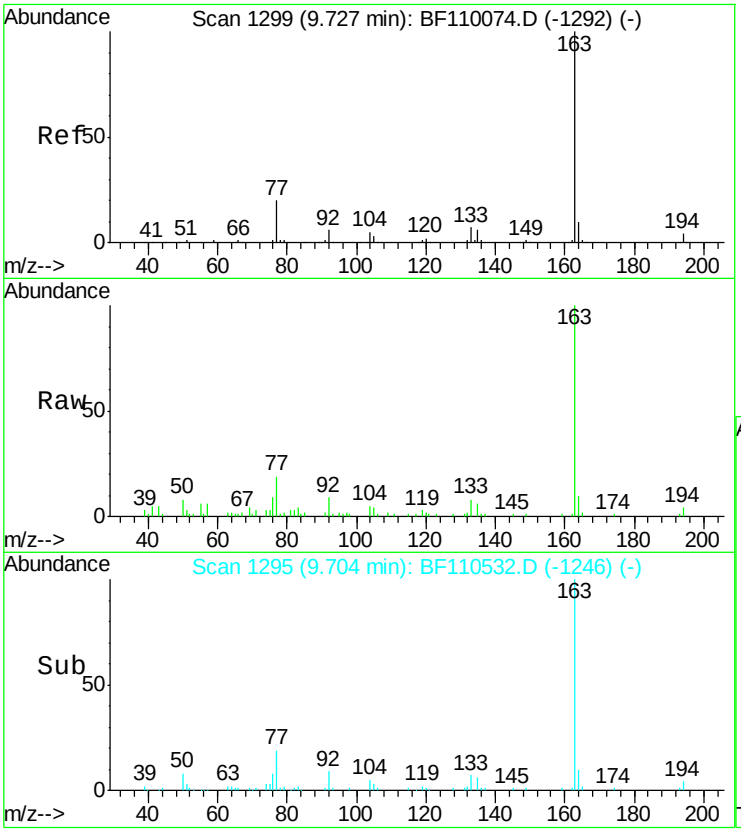


#45
2-Fluorobiphenyl
Concen: 26.45 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:172 Resp: 217428

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.2	19.7	29.5



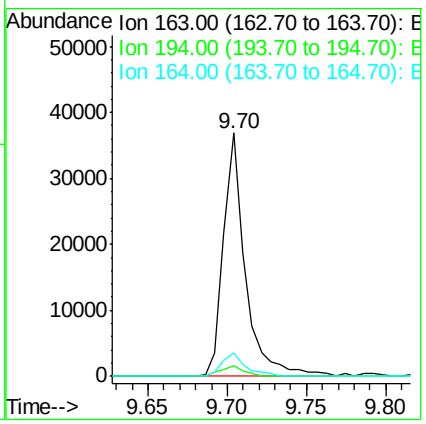


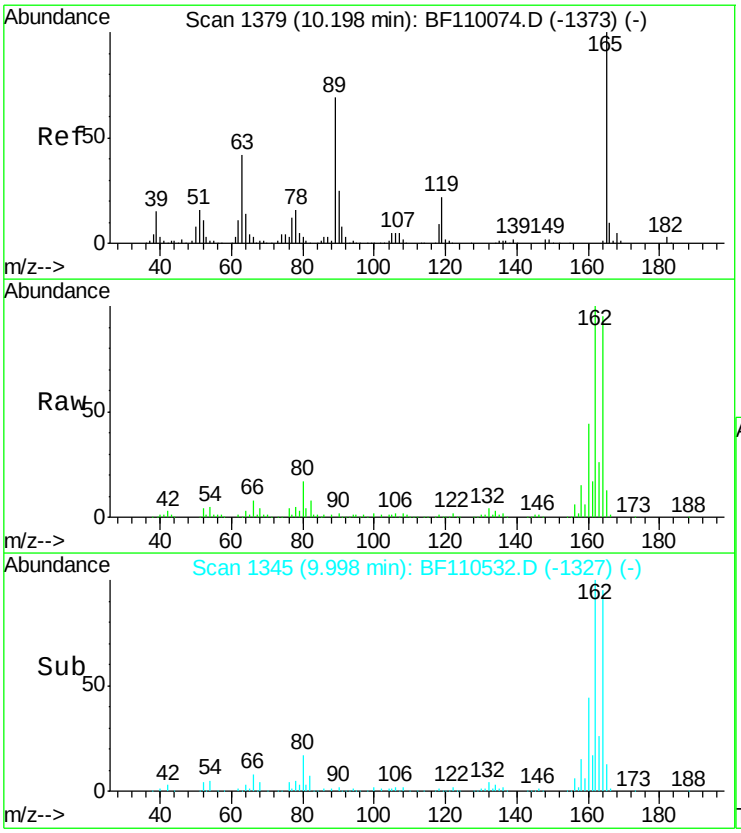
#50
Dimethylphthalate
Concen: 3.70 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 35227

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.5	8.1	12.1

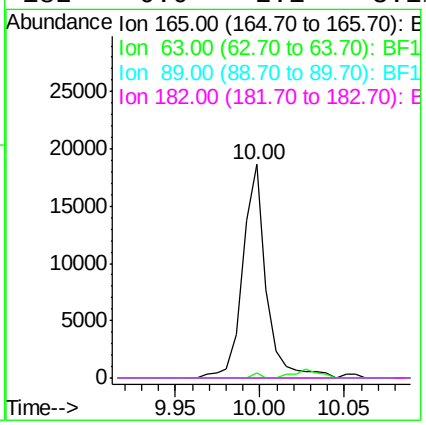


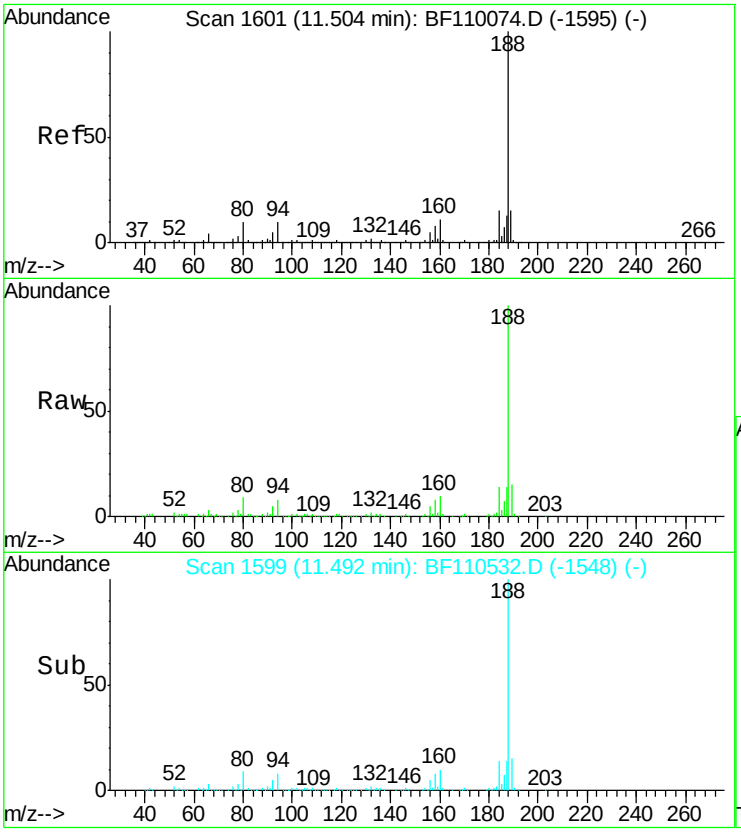


#57
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:165 Resp: 18031

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



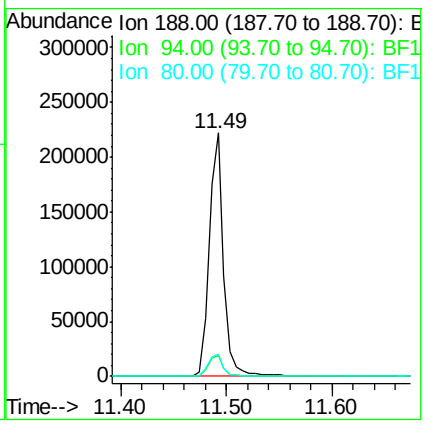


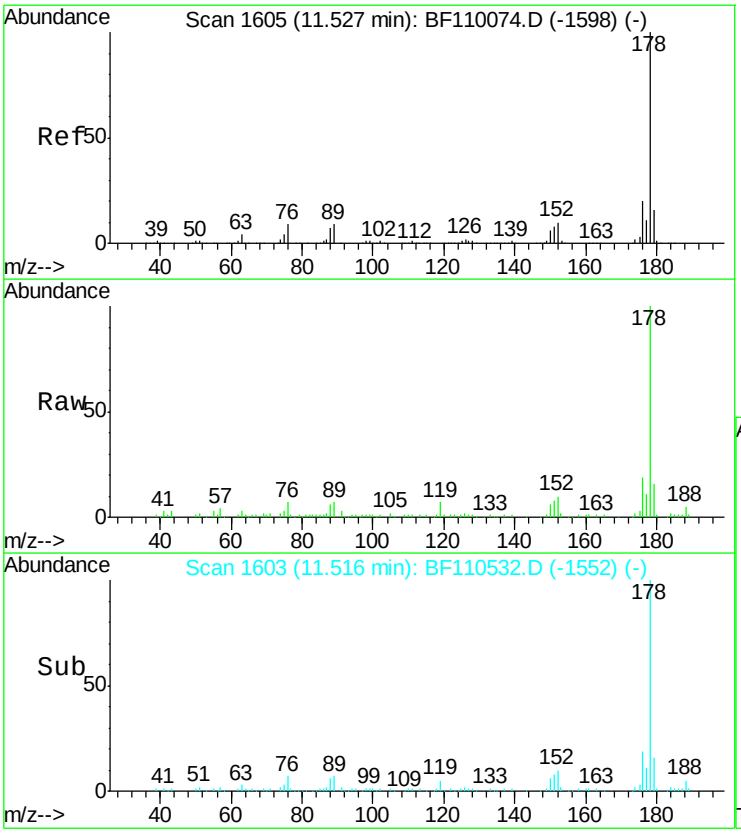
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 211328

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.3	7.9	11.9

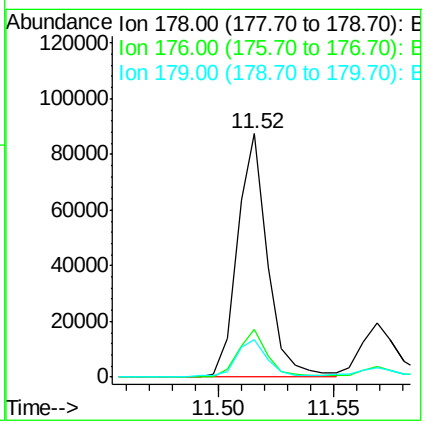


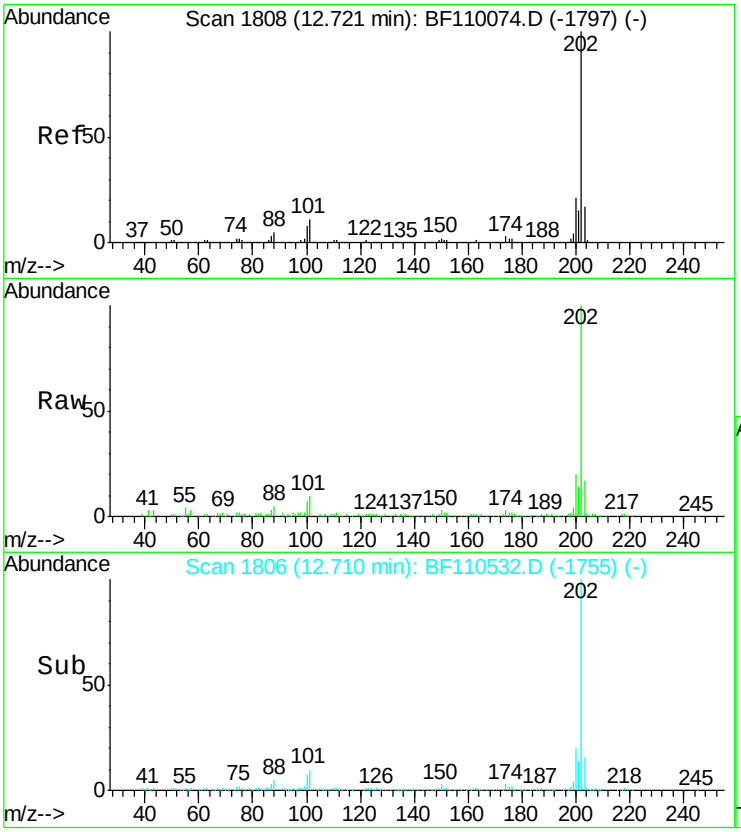


#71
Phenanthrene
Concen: 7.19 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:178 Resp: 79552

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7



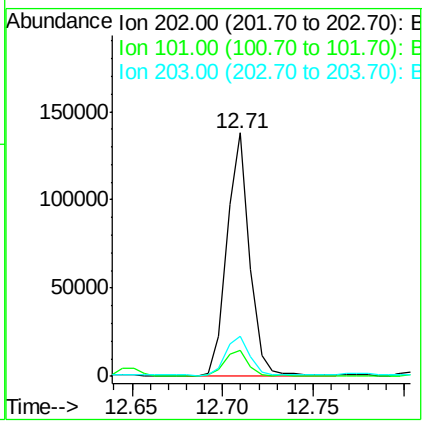


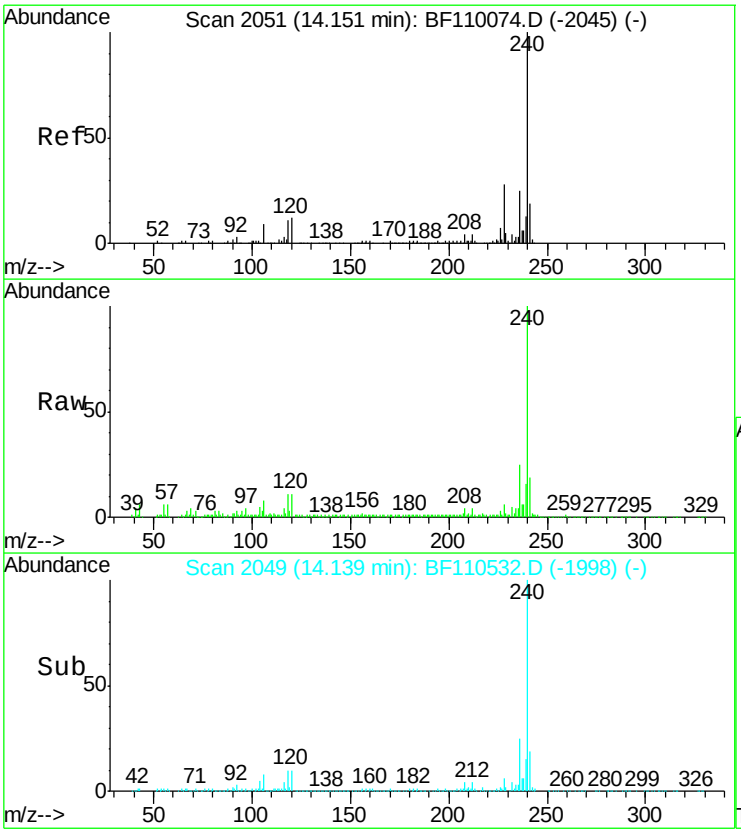
#75
Fluoranthene
Concen: 10.63 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 119323

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	16.7	0.0	37.7

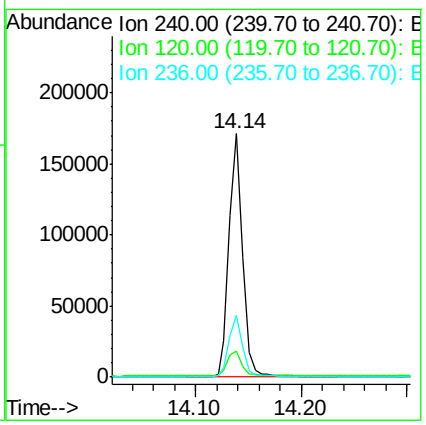


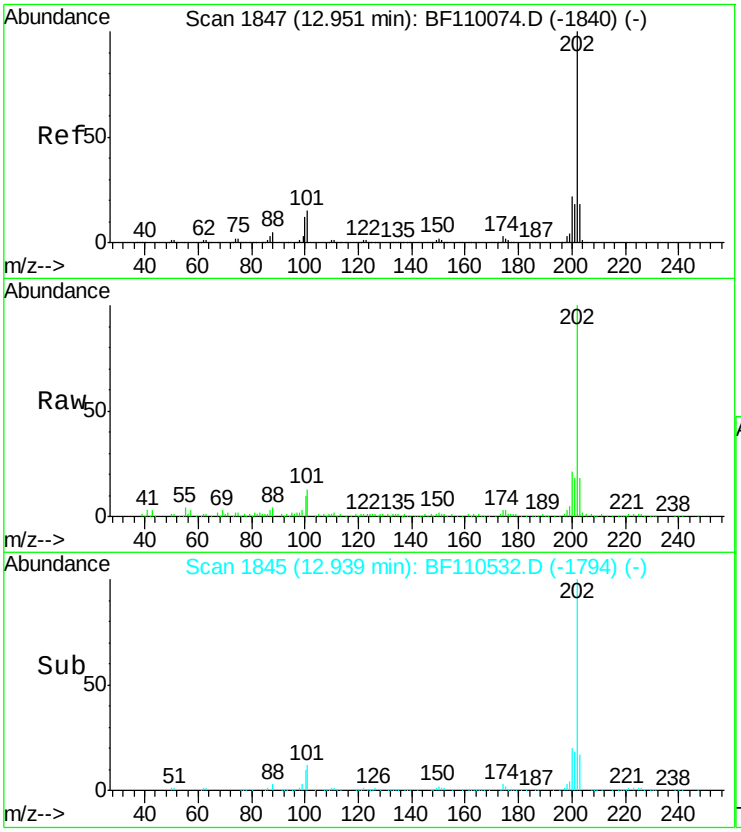


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:240 Resp: 152629

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.2	21.2	31.8



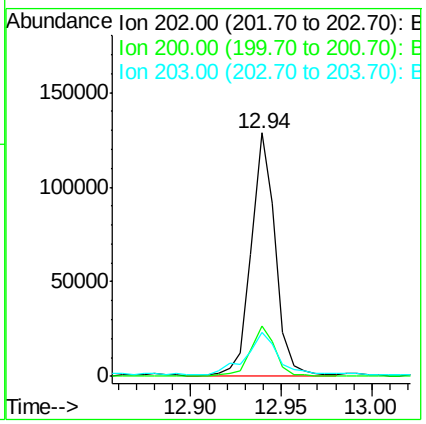


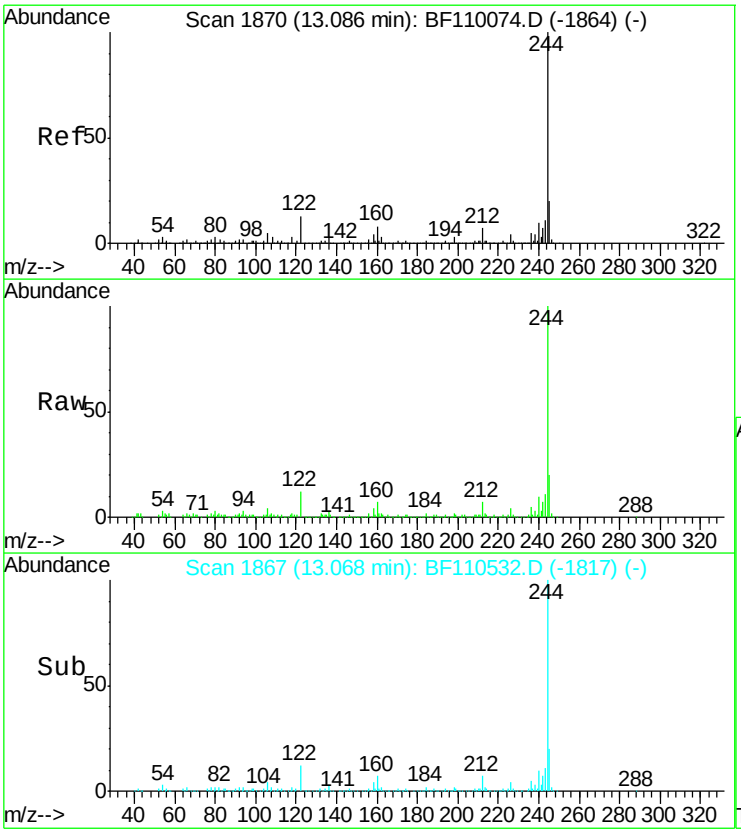
#78
Pyrene
Concen: 10.76 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 117728

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	18.0	14.2	21.4

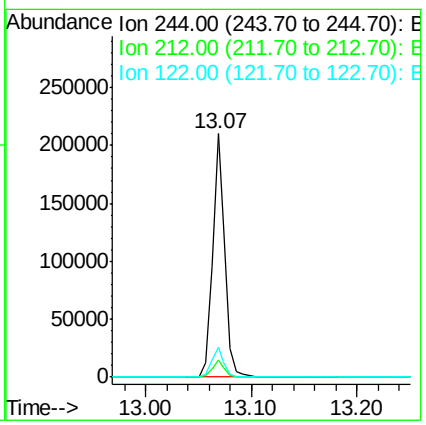


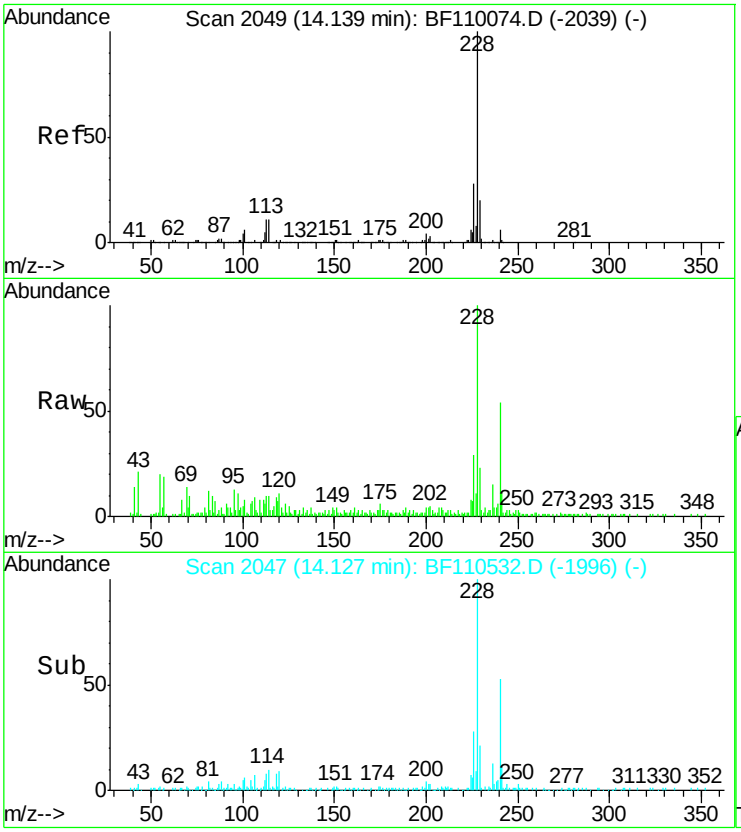


#79
Terphenyl-d14
Concen: 23.42 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:244 Resp: 171892

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.1	8.7	13.1



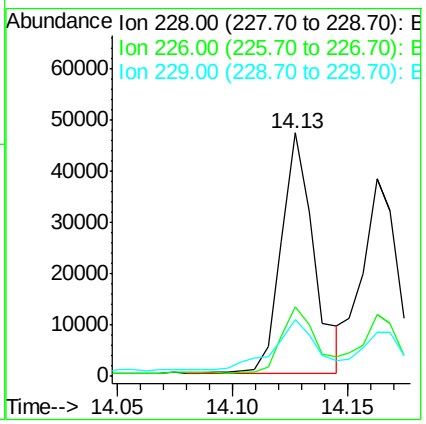


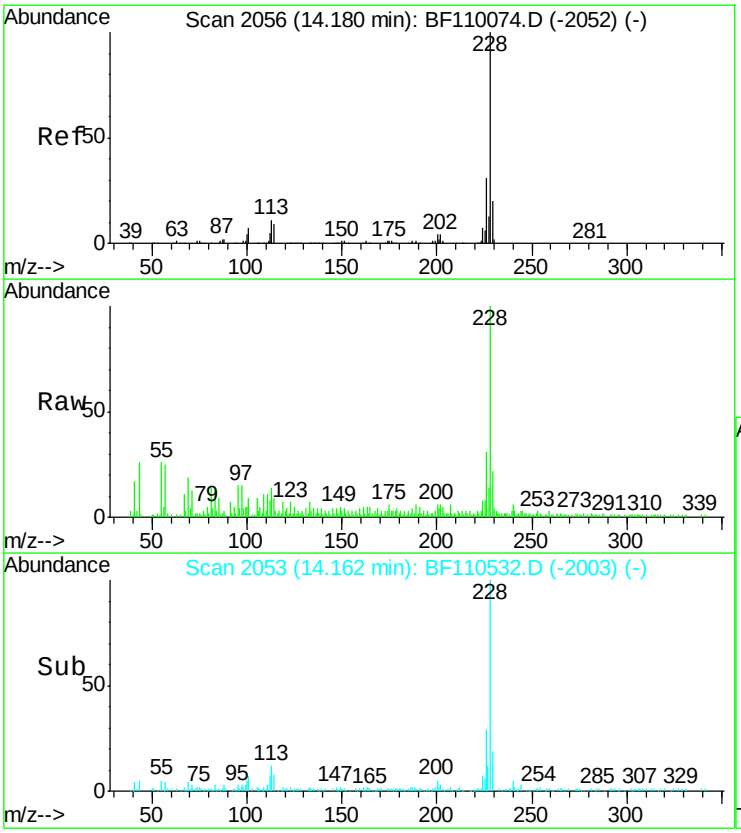
#81
Benzo(a)anthracene
Concen: 5.09 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 46041

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	23.4	15.6	23.4

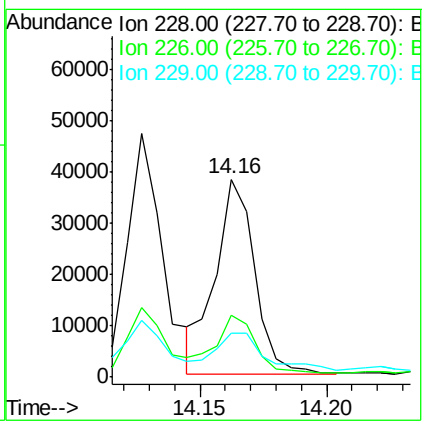


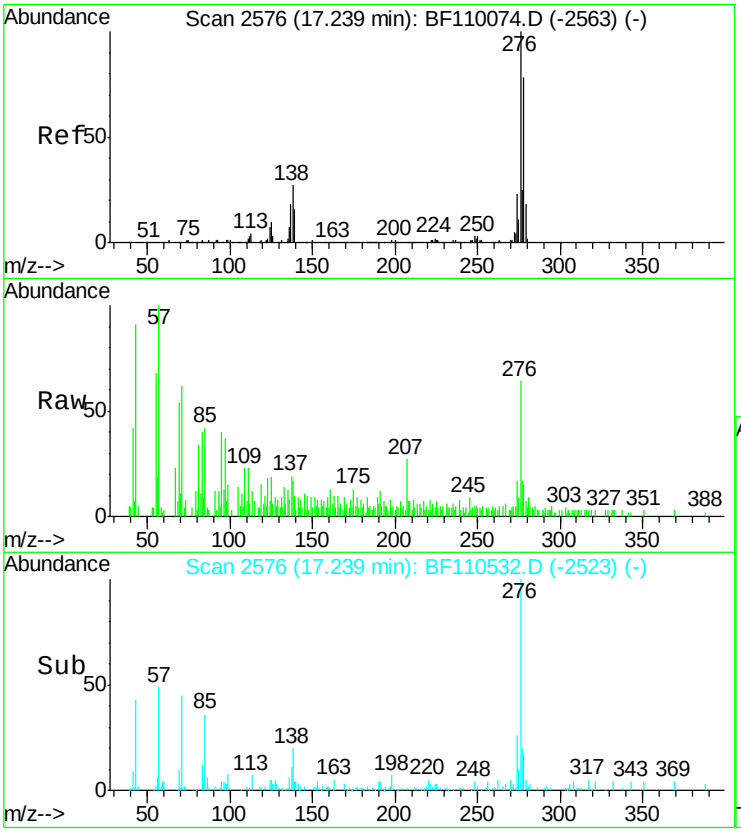


#83
Chrysene
Concen: 4.78 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:228 Resp: 41092

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	22.5	15.9	23.9



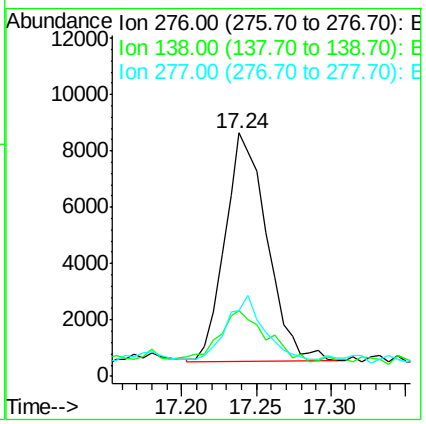


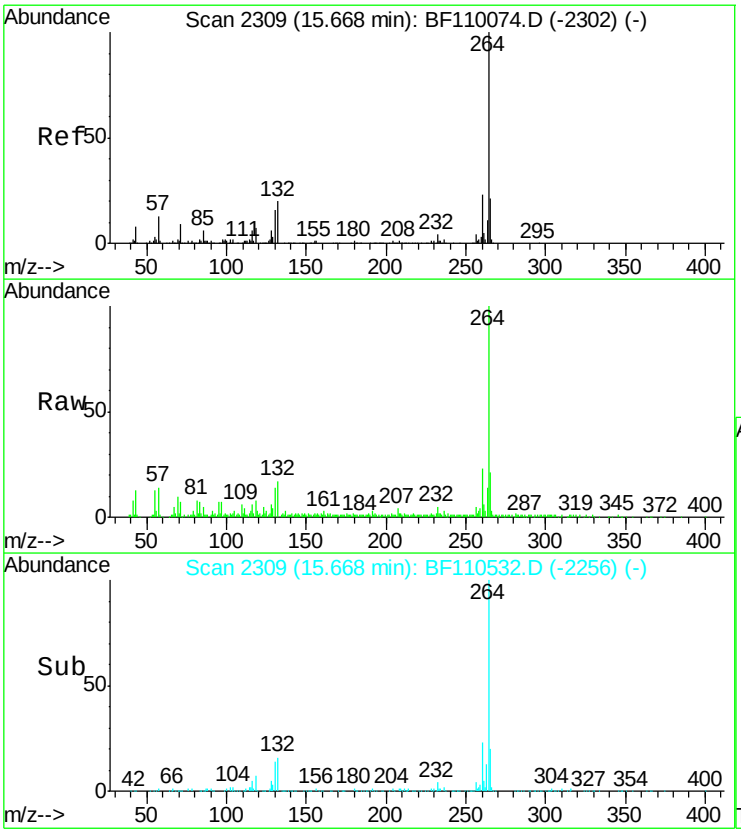
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.22 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 15839

Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.5	27.7
277	25.4	20.0	30.0

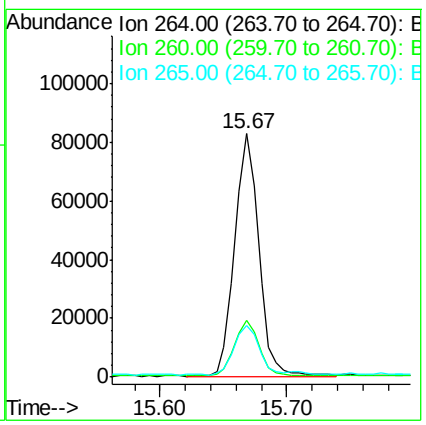


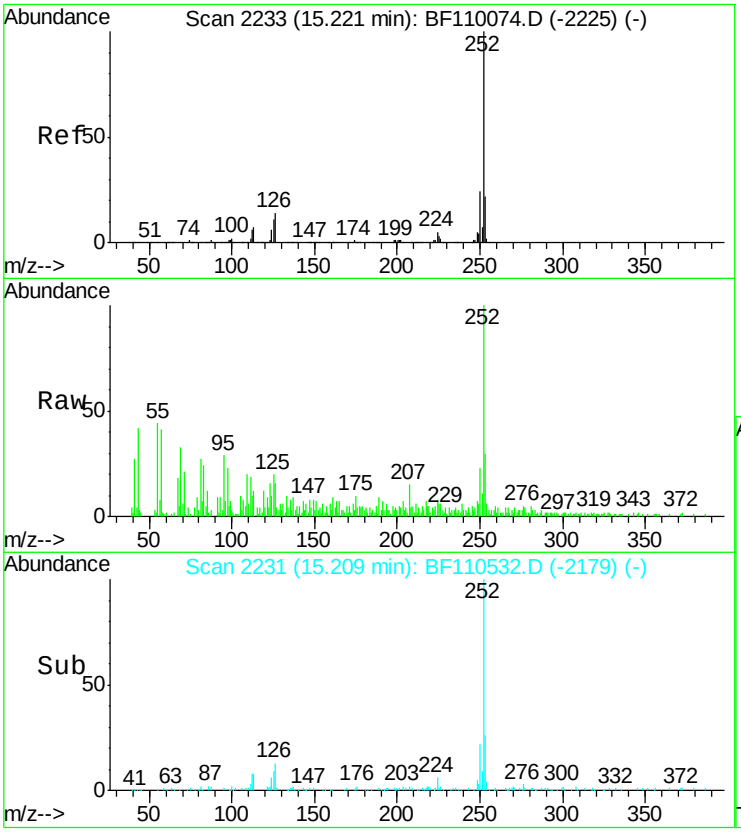


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:264 Resp: 108227

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.3	16.7	25.1



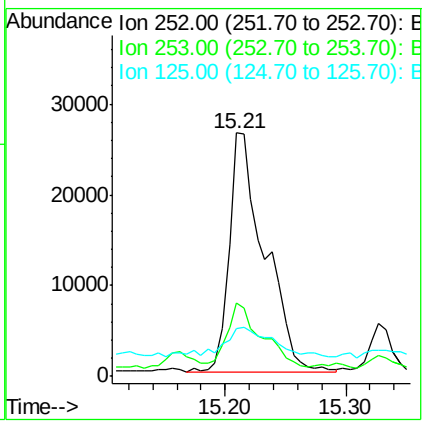


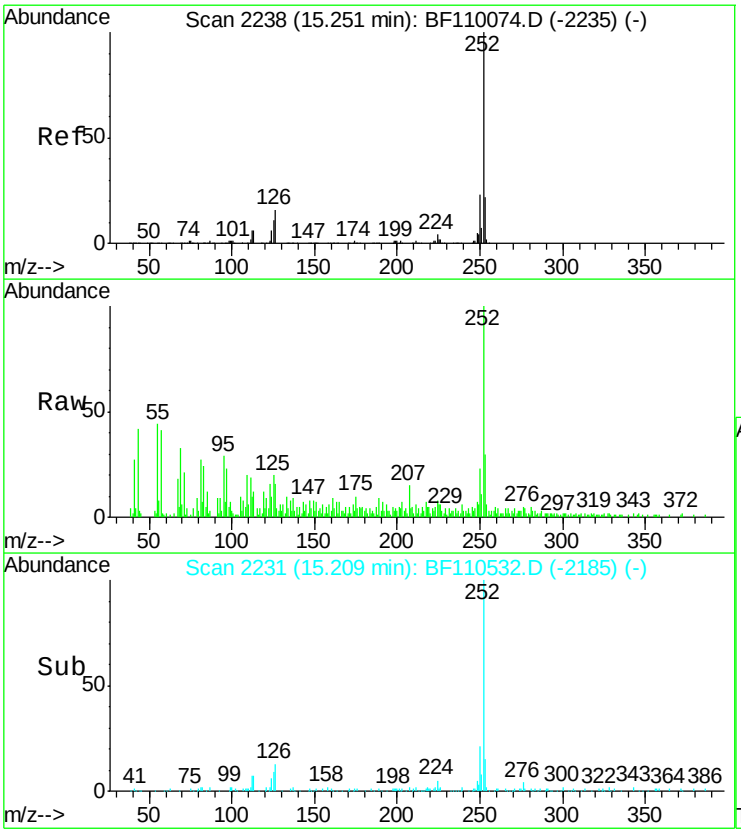
#88
Benzo(b)fluoranthene
Concen: 8.57 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 53585

Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.2	25.8#
125	19.6	8.2	12.4#

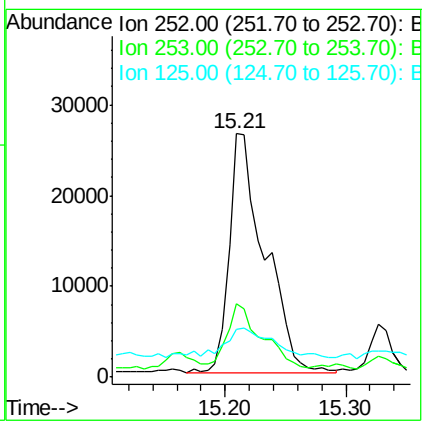


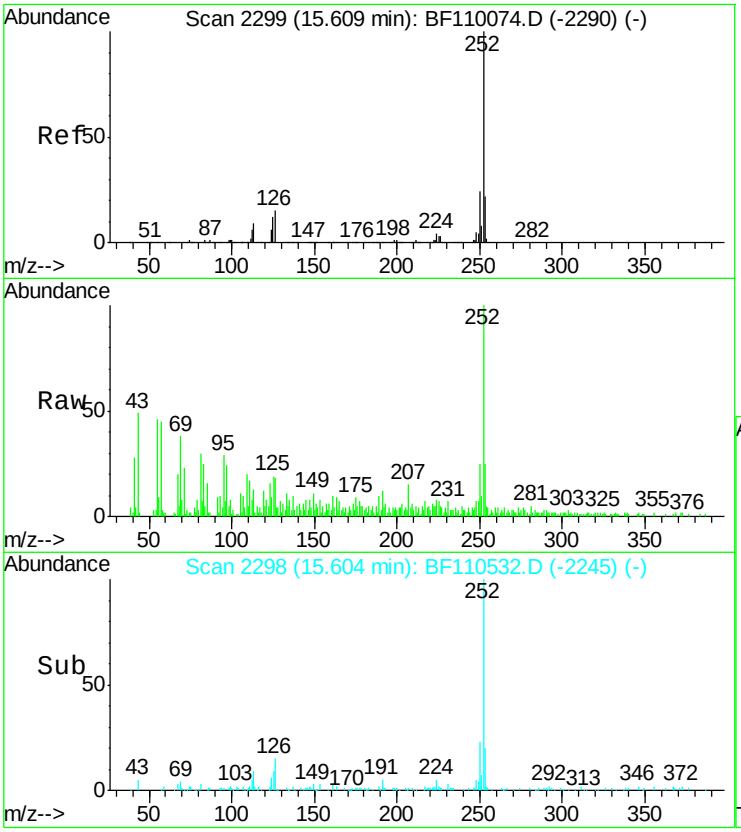


#89
Benzo(k)fluoranthene
Concen: 8.72 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:252 Resp: 53585

Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.2	25.8#
125	19.6	7.4	11.0#



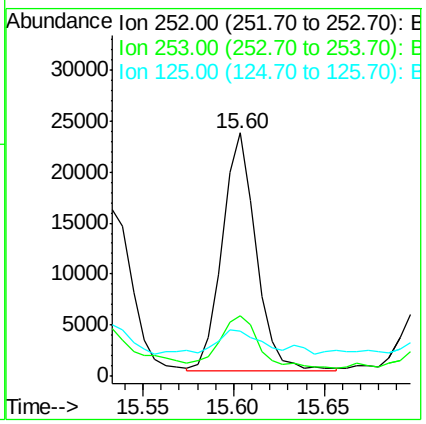


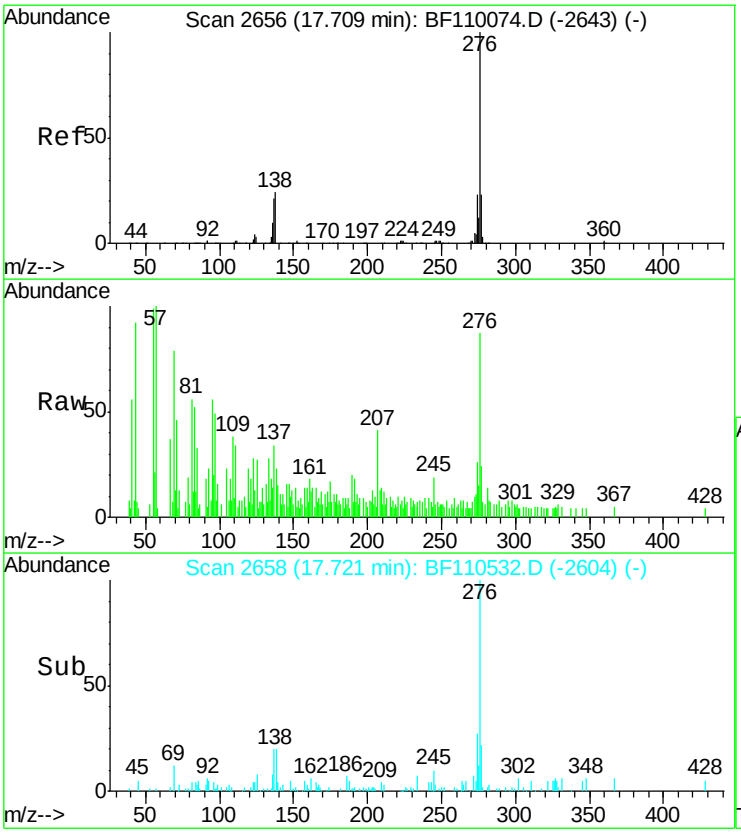
#90
Benzo(a)pyrene
Concen: 5.25 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 30209

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	18.5	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 3.46 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.02 min
Lab File: BF110532.D
Acq: 6 Nov 2018 23:01

Tgt Ion:276 Resp: 16938

Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.8	28.2
138	26.1	16.0	24.0#