Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110645.D
Acq On : 9 Nov 2018 23:25
Operator : JU/SJ
Sample : J5876-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 11 03:25:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88689	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	349671	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	147132	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	223386	20.00	ng	0.00
76) Chrysene-d12	14.13	240	159746	20.00	ng	0.00
87) Perylene-d12	15.66	264	125112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	731004	133.88	ng	0.01
7) Phenol-d6	6.58	99	941676	134.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	594856	97.97	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	177755	119.90	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	918498	89.16	ng	0.00
79) Terphenyl-d14	13.06	244	592578	69.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	1965	Below Cal	#	1
10) Phenol	6.59	94	58161	7.184	ng	# 69
19) n-Nitroso-di-n-propylamine	7.52	70	80318	18.021	ng	# 76
25) Isophorone	7.52	82	594852	59.774	ng	# 67
50) Dimethylphthalate	9.69	163	56974	5.190	ng	100
57) 2,4-Dinitrotoluene	9.99	165	20836	6.635	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	11723	4.748	ng	# 1
71) Phenanthrene	11.50	178	94815	7.922	ng	99
75) Fluoranthene	12.70	202	128124	10.678	ng	98
77) Benzidine	13.06	184	8882	2.022	ng	# 72
78) Pyrene	12.93	202	118272	9.616	ng	96
81) Benzo(a)anthracene	14.12	228	57840	6.058	ng	96
83) Chrysene	14.16	228	53173	5.845	ng	98
84) Bis(2-ethylhexyl)phthalate	14.08	149	23108	3.519	ng	# 92
86) Indeno(1,2,3-cd)pyrene	17.23	276	25598	3.921	ng	94
88) Benzo(b)fluoranthene	15.20	252	86204	11.517	ng	# 91
89) Benzo(k)fluoranthene	15.20	252	86204	11.656	ng	# 90
90) Benzo(a)pyrene	15.59	252	44740	6.579	ng	# 92
92) Benzo(g,h,i)perylene	17.70	276	23460	4.109	ng	# 87

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

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ALS Vial : 16 Sample Multiplier: 1

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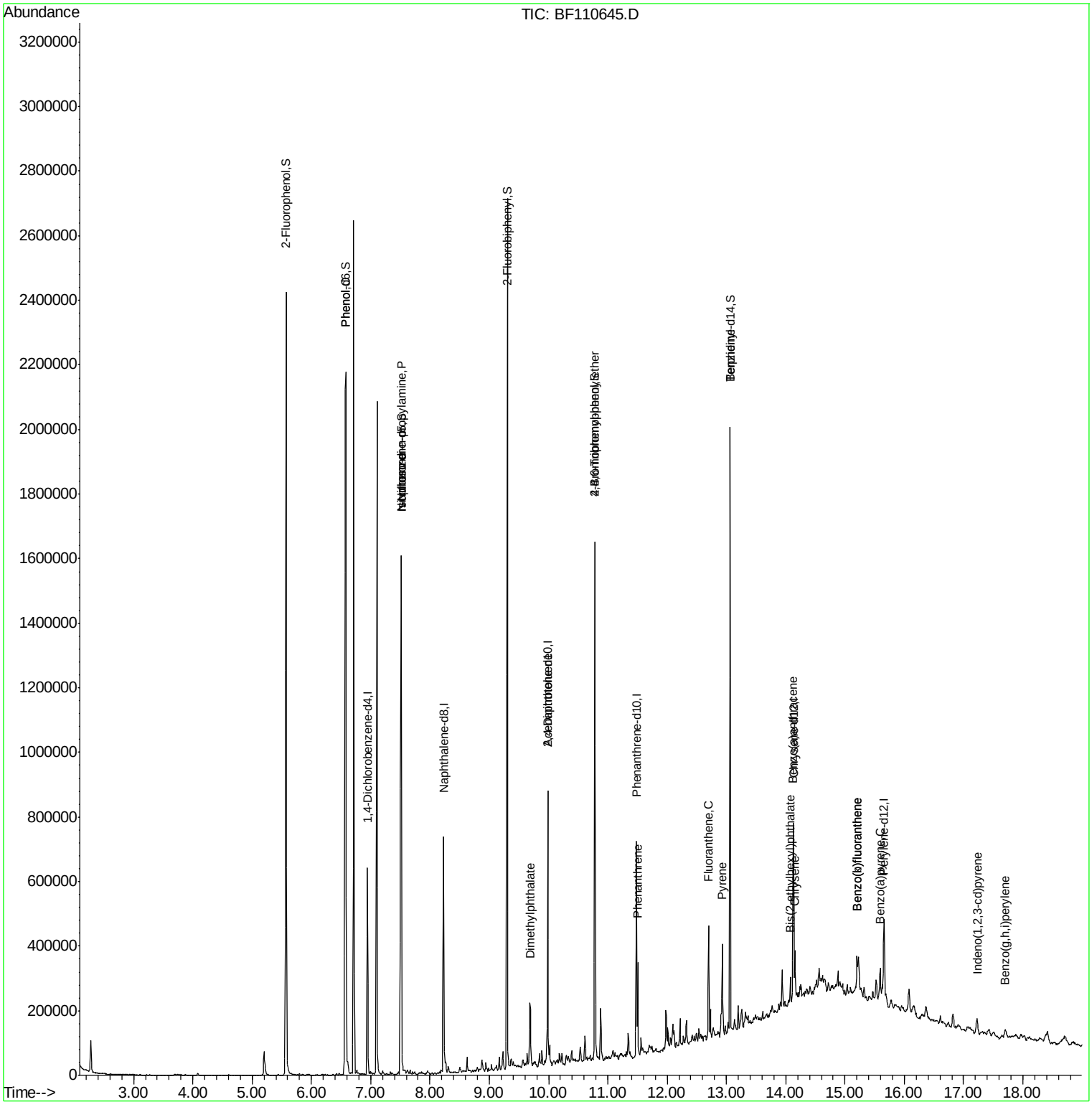
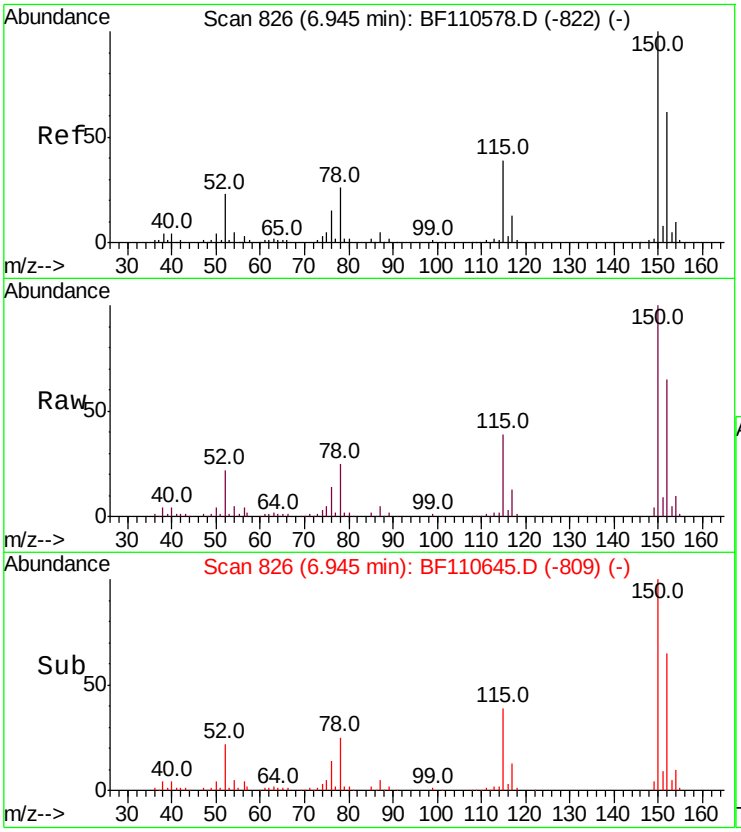
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



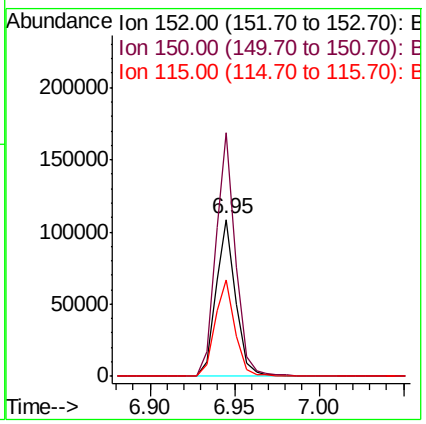


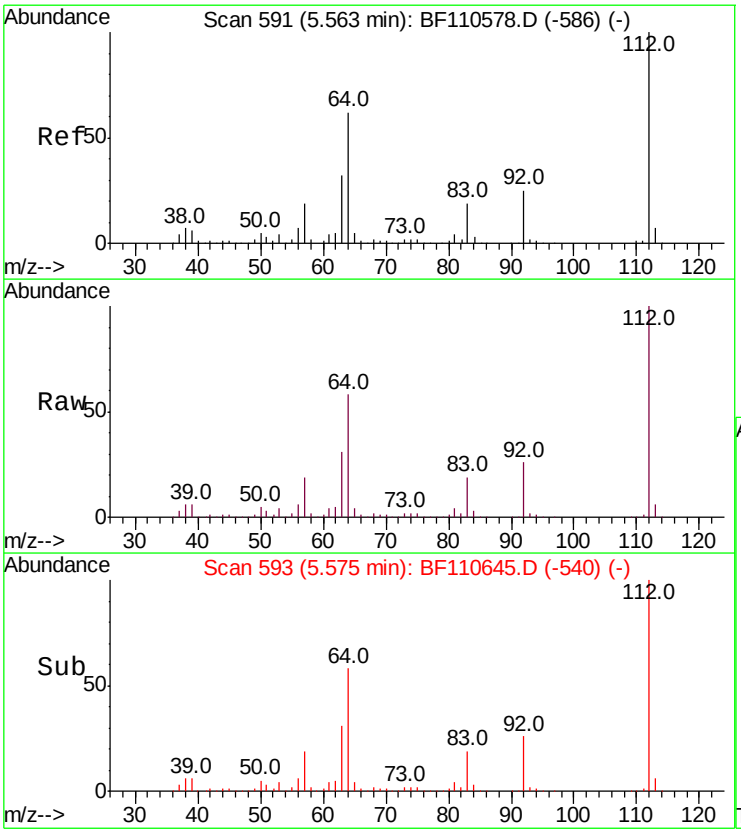
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88689

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	61.1	49.1	73.7

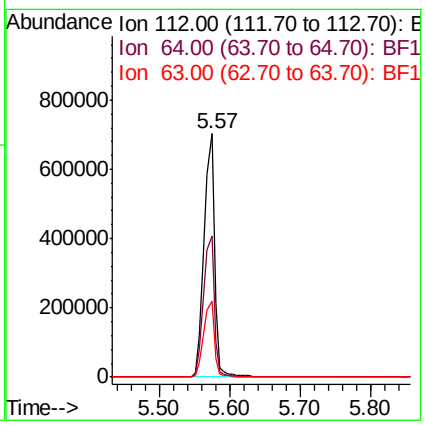


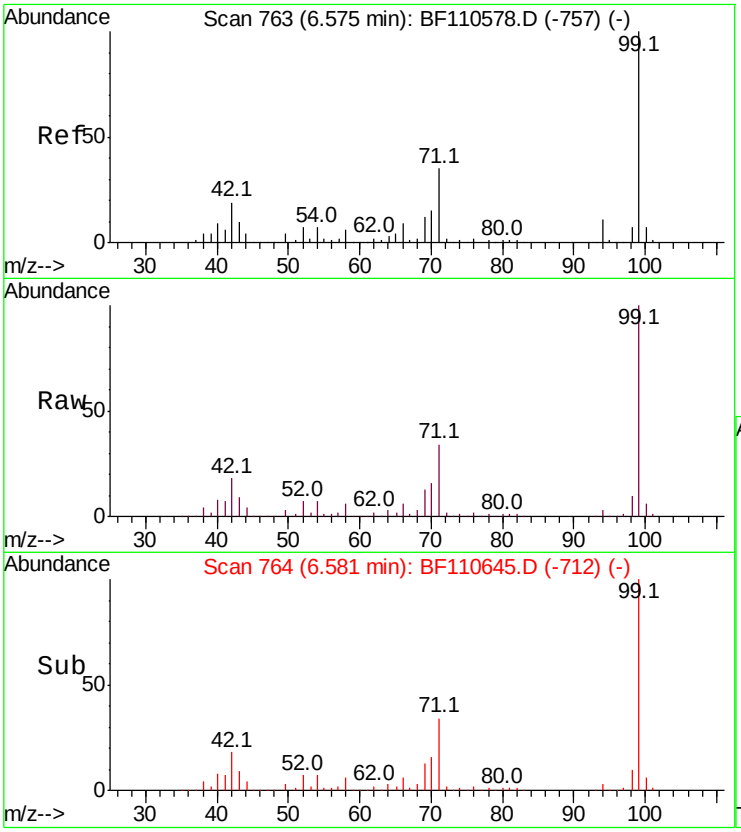


#5
2-Fluorophenol
Concen: 133.881 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:112 Resp: 731004

Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	31.1	23.7	35.5



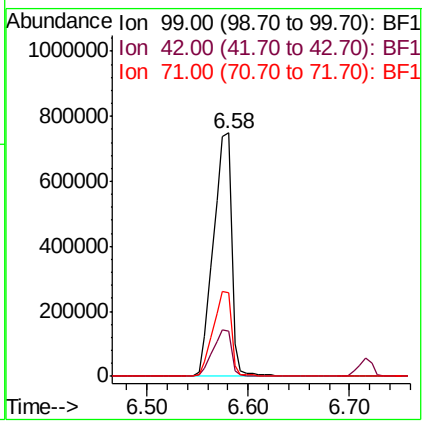


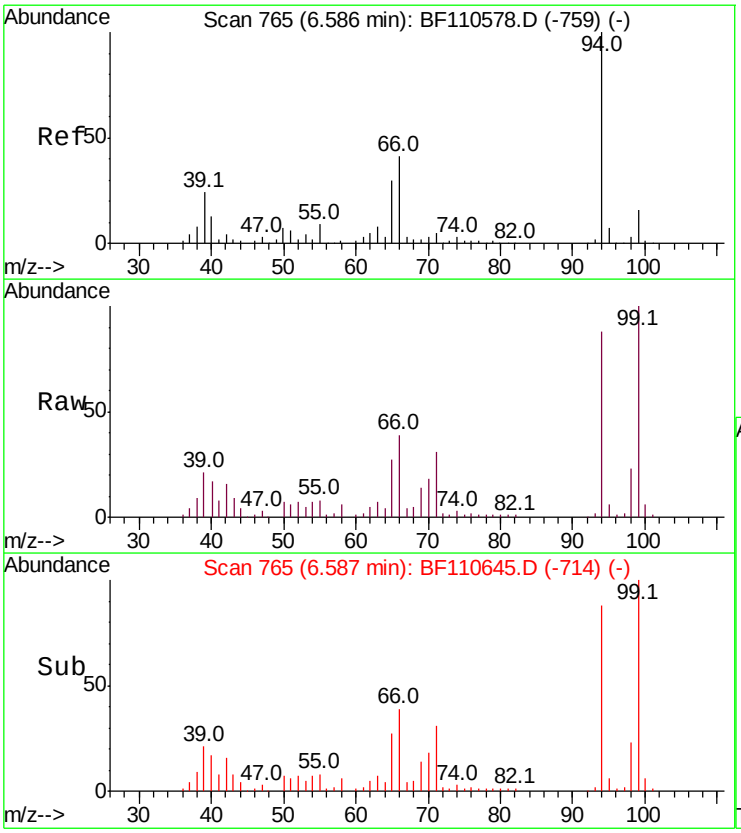
#7
Phenol-d6
Concen: 134.869 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 941676

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	34.4	28.0	42.0

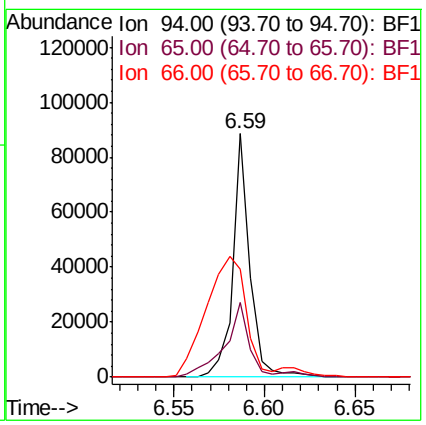


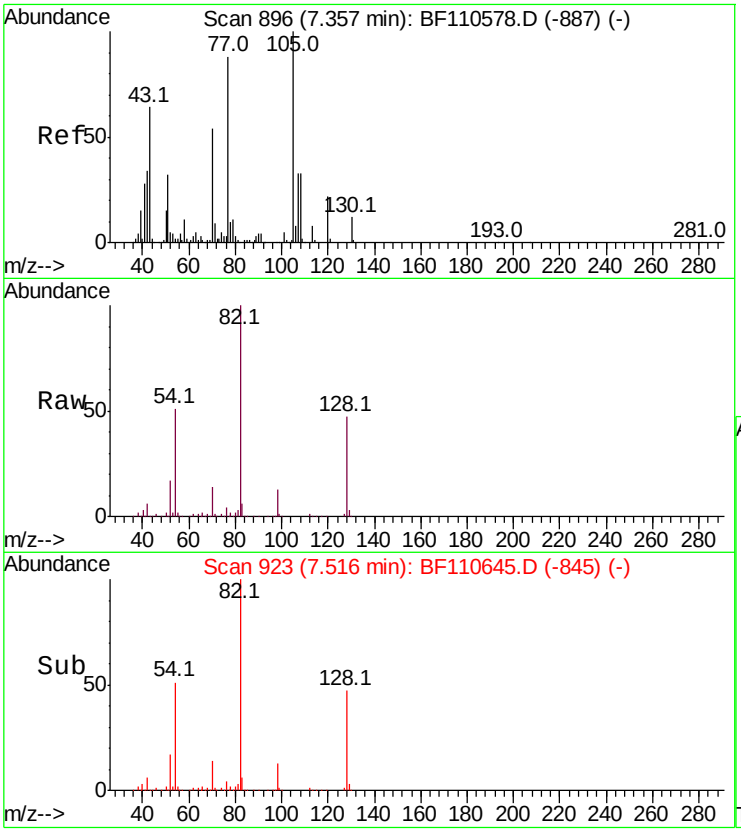


#10
Phenol
Concen: 7.184 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion: 94 Resp: 58161

Ion	Ratio	Lower	Upper
94	100		
65	30.7	25.3	65.3
66	44.1	54.5	94.5#



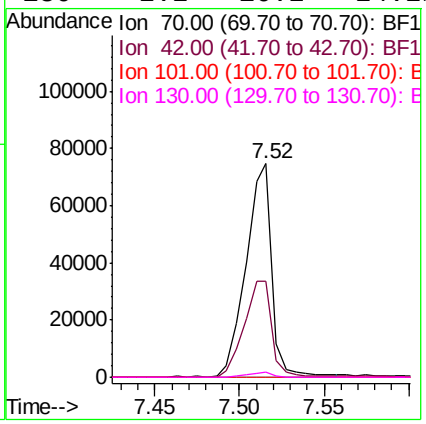


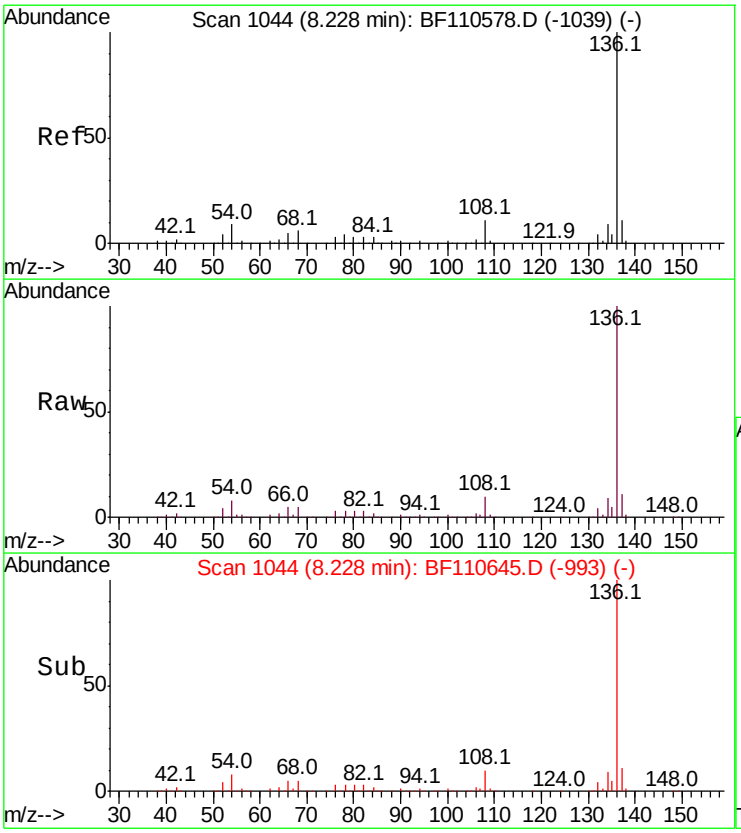
#19
n-Nitroso-di-n-propylamine
Concen: 18.021 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 80318

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.4	71.2#
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

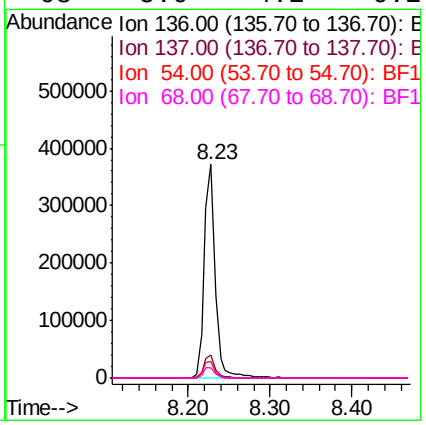


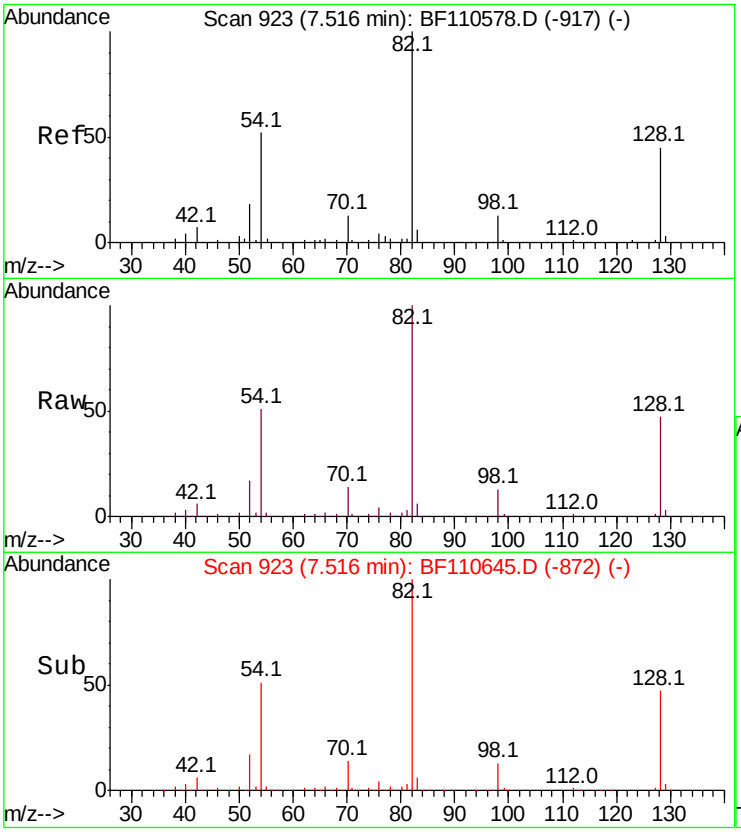


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:136 Resp: 349671

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.7	5.4	8.2
68	5.0	4.2	6.2



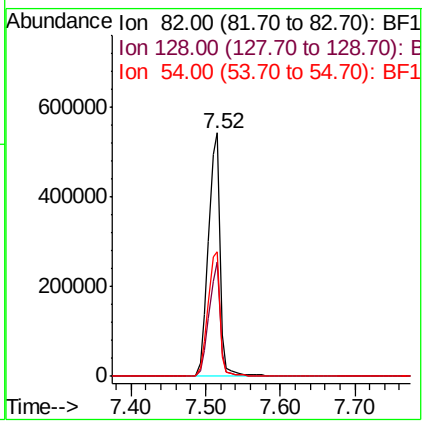


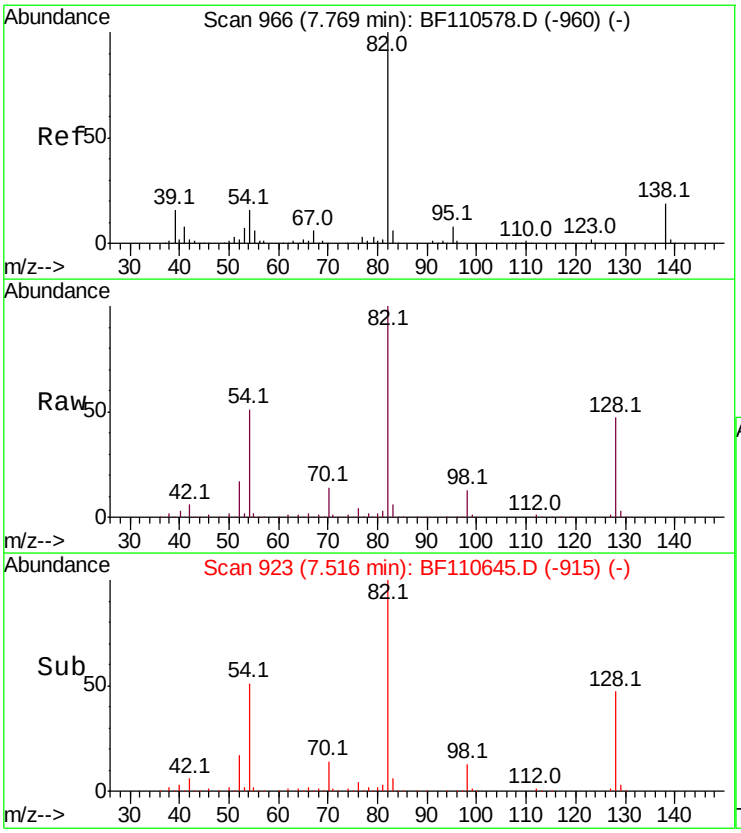
#23
Nitrobenzene-d5
Concen: 97.971 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 594856

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.2	51.2
54	50.9	38.6	58.0

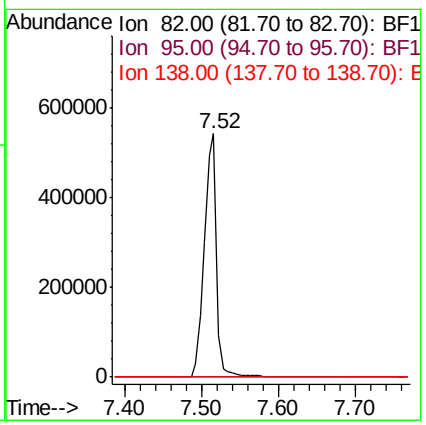


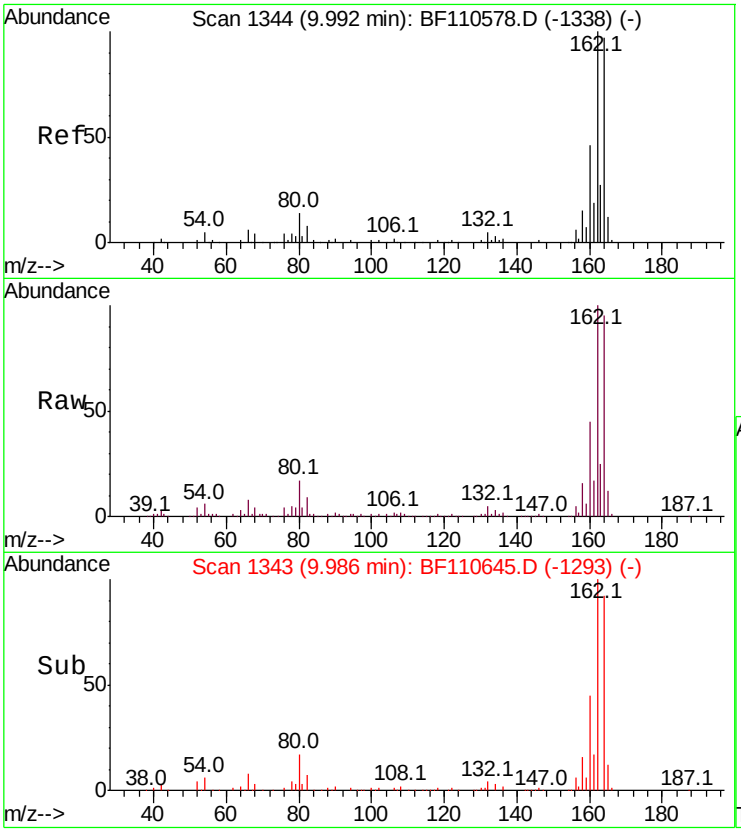


#25
Isophorone
Concen: 59.774 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion: 82 Resp: 594852

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



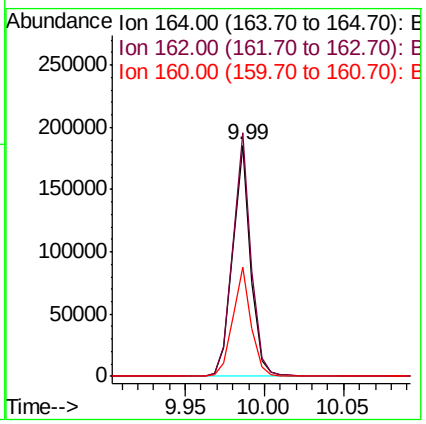


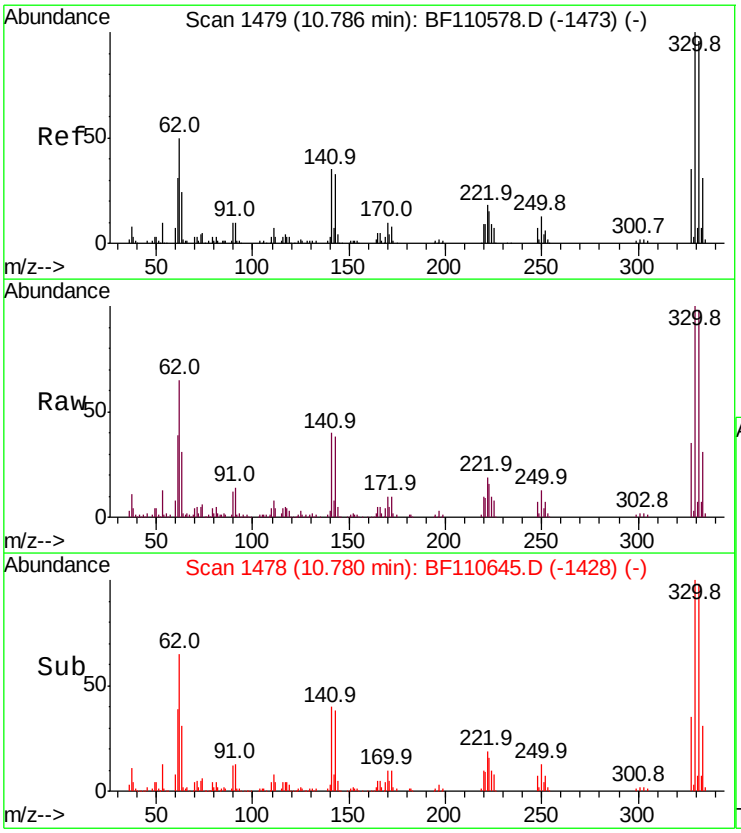
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 147132

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	47.3	37.0	55.6

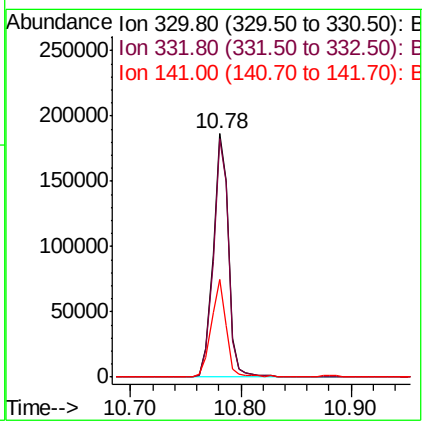


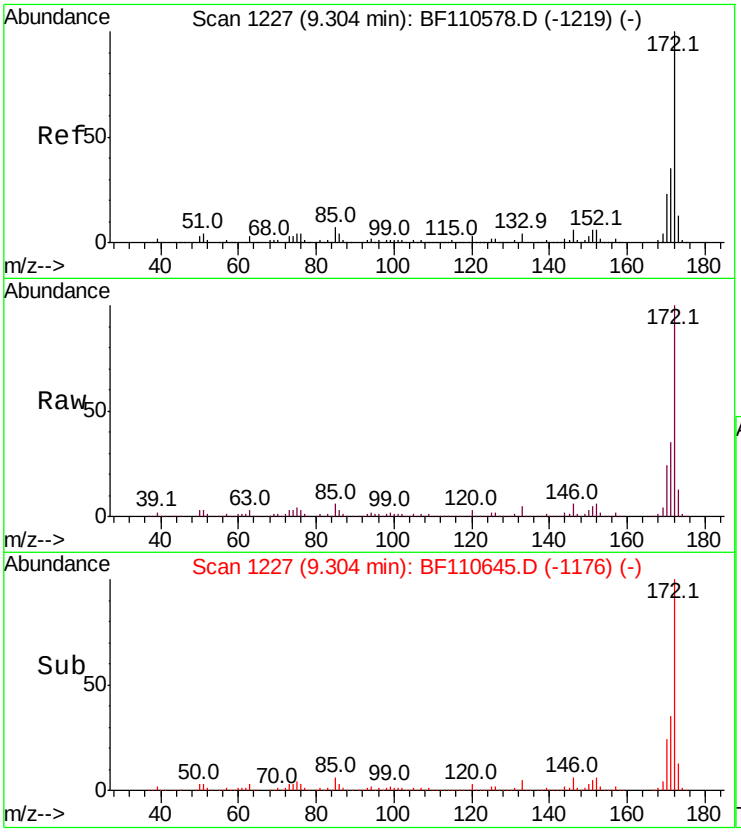


#42
2,4,6-Tribromophenol
Concen: 119.899 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:330 Resp: 177755

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	39.4	27.0	40.4



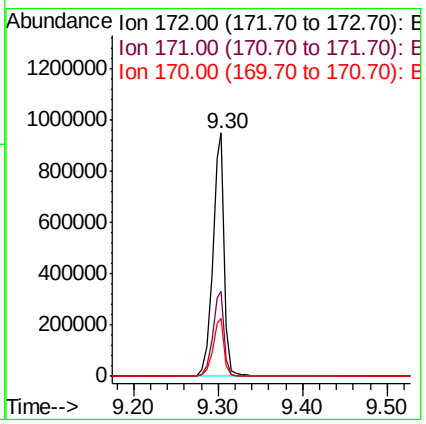


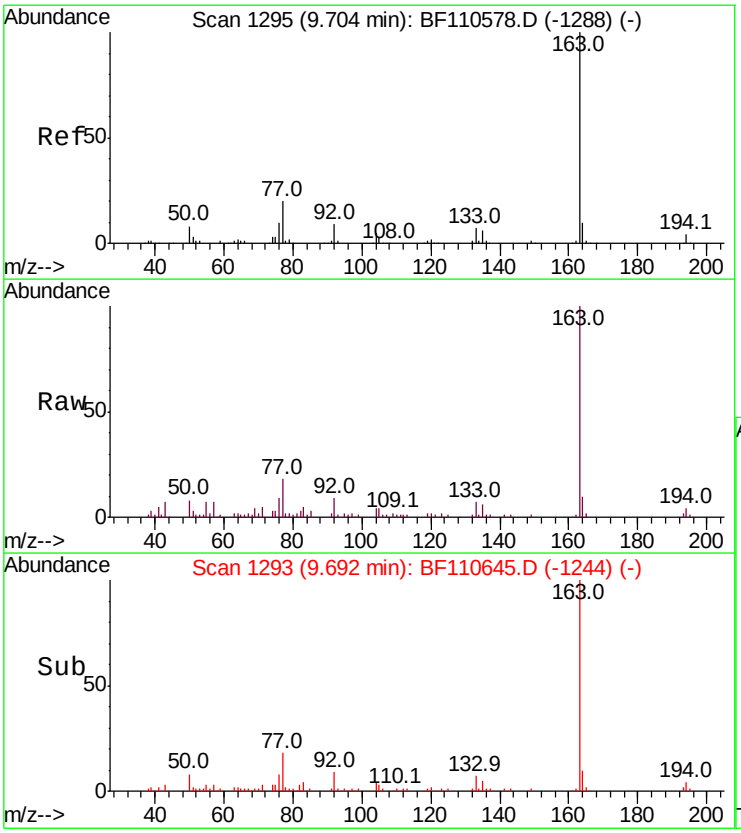
#45
2-Fluorobiphenyl
Concen: 89.157 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 918498

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.7	19.7	29.5

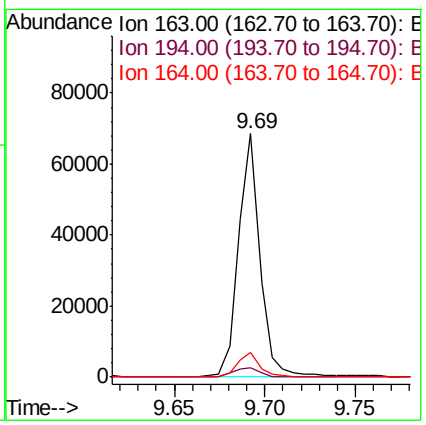


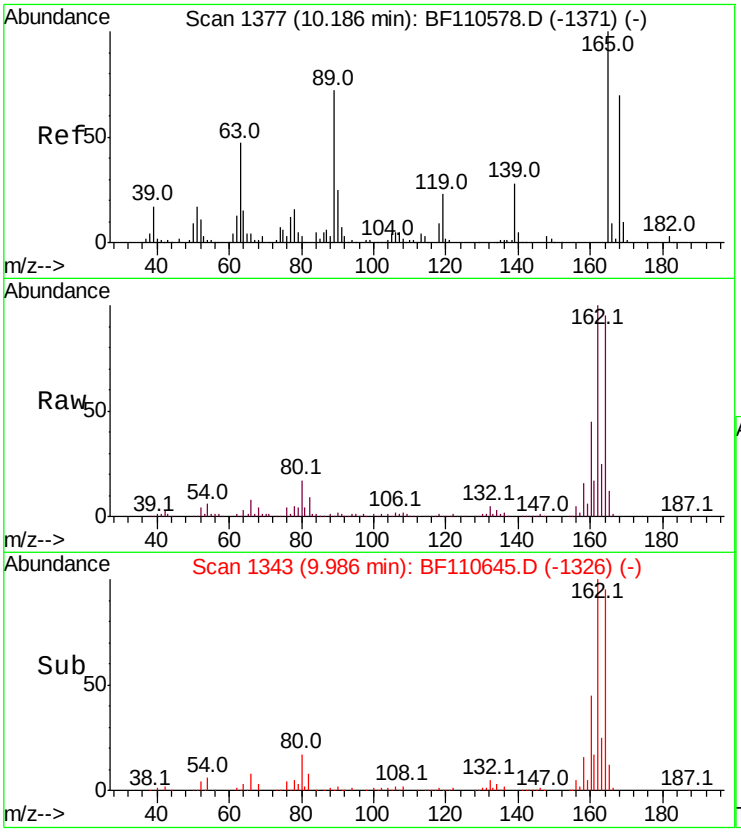


#50
Dimethylphthalate
Concen: 5.190 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:163 Resp: 56974

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.1	8.1	12.1



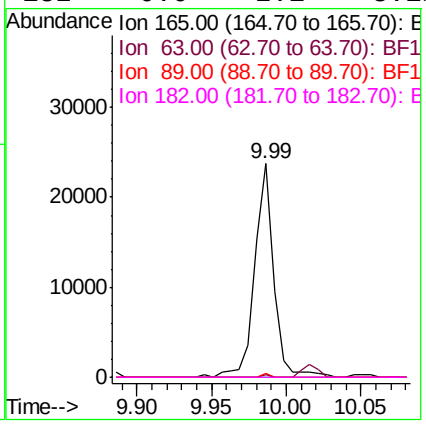


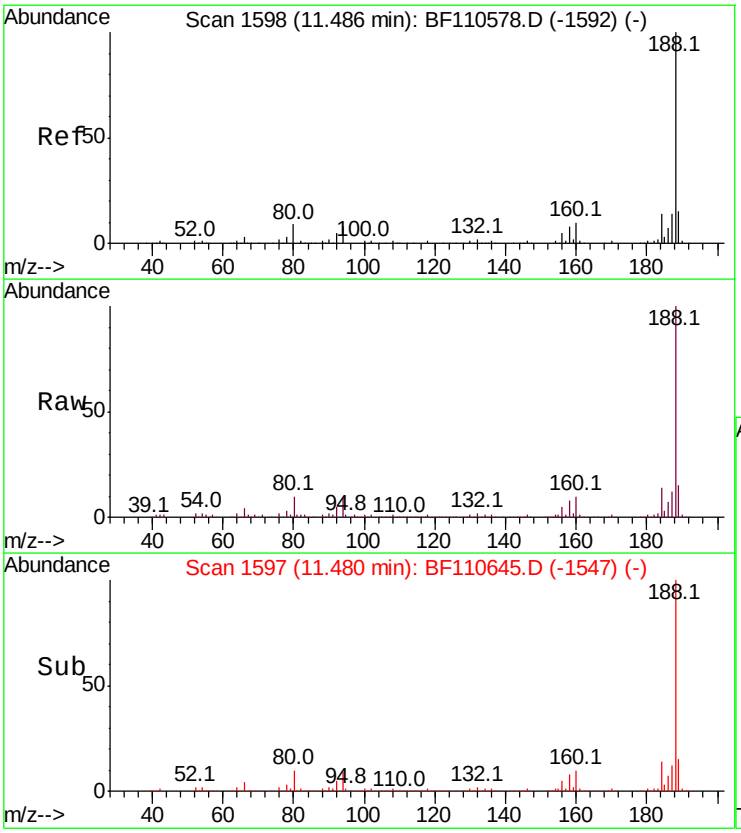
#57
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20836

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#

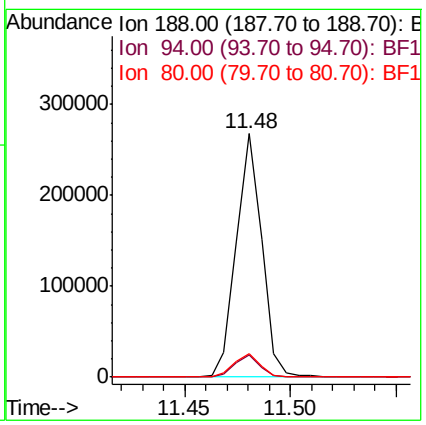


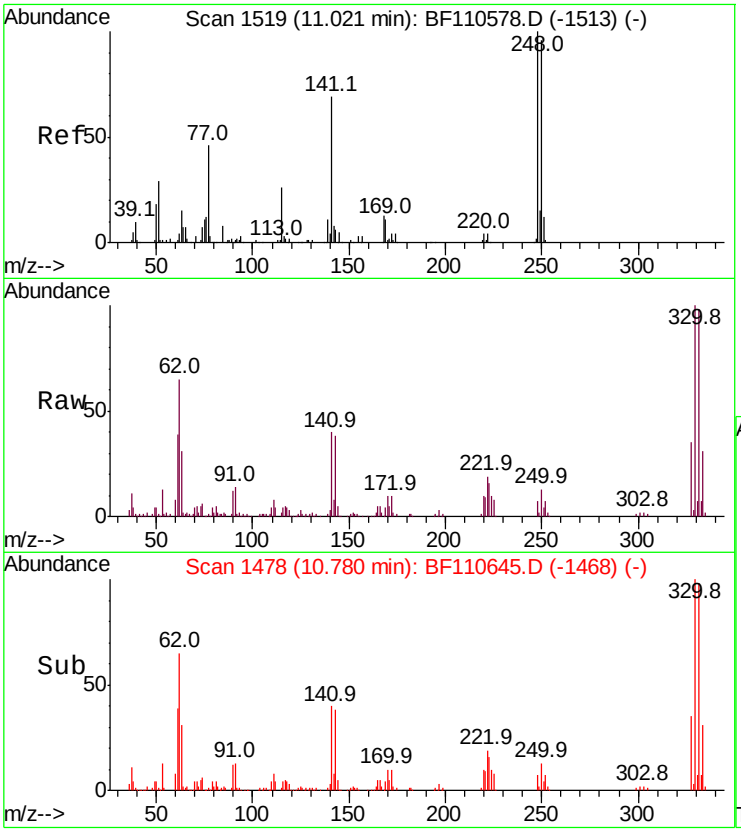


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:188 Resp: 223386

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.7	7.9	11.9



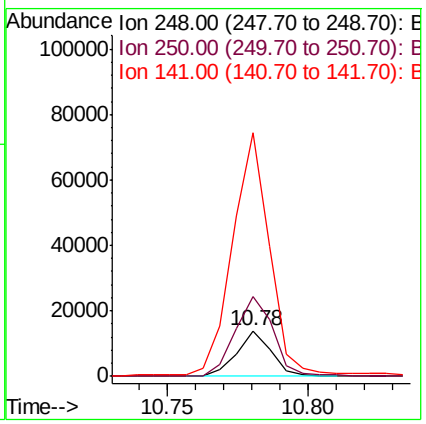


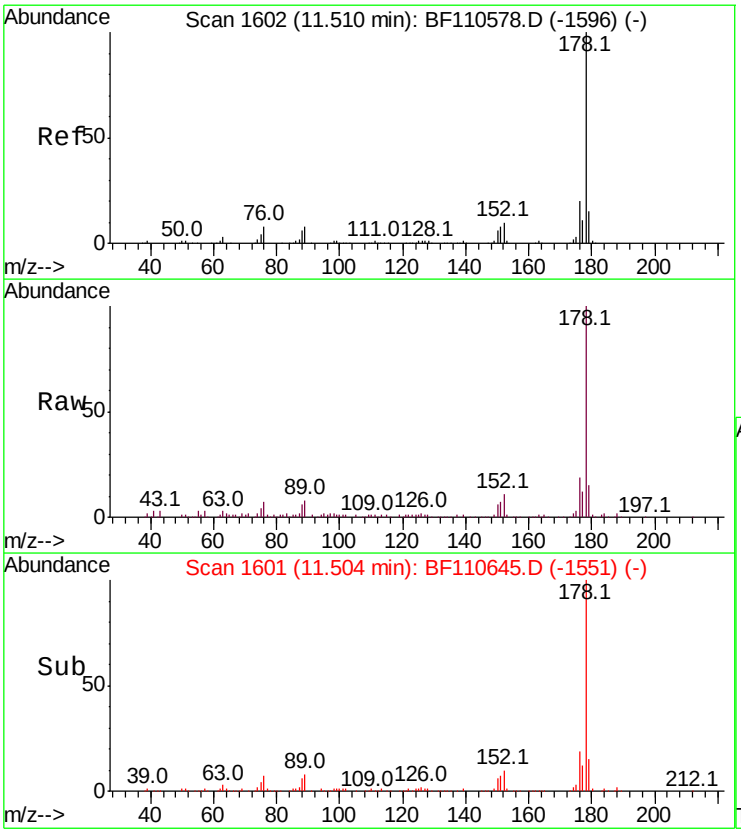
#67
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11723

Ion	Ratio	Lower	Upper
248	100		
250	176.2	79.4	119.2#
141	538.9	55.9	83.9#

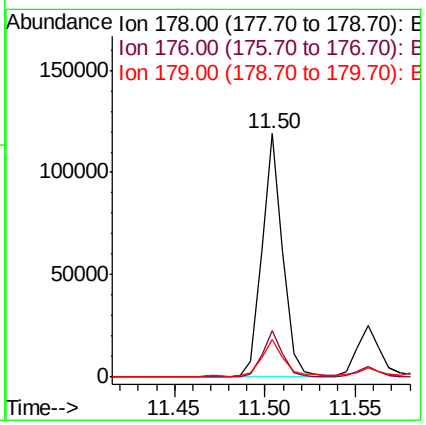


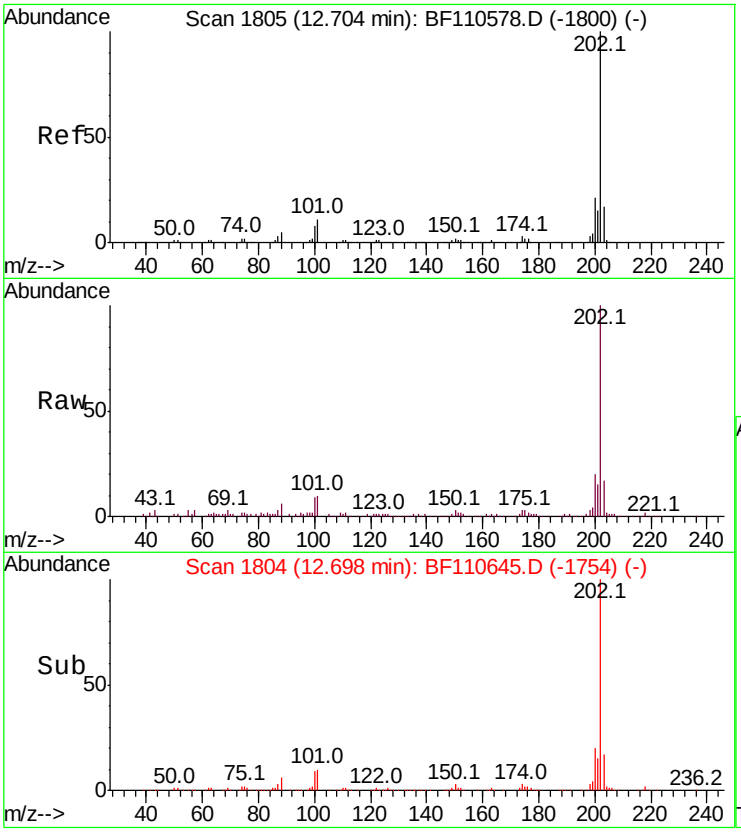


#71
Phenanthrene
Concen: 7.922 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:178 Resp: 94815

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.4	12.5	18.7



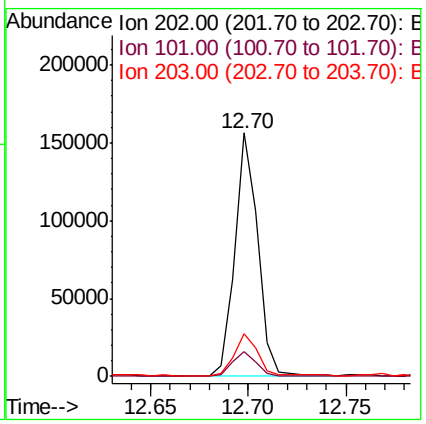


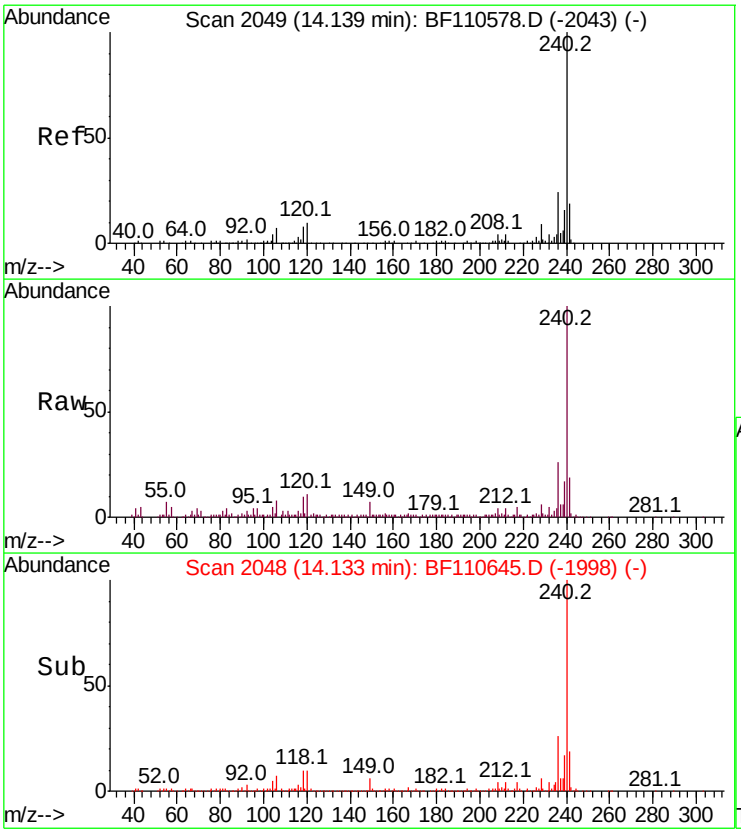
#75
Fluoranthene
Concen: 10.678 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 128124

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.4	0.0	37.7

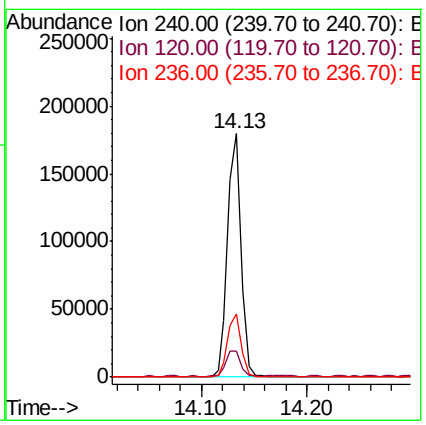


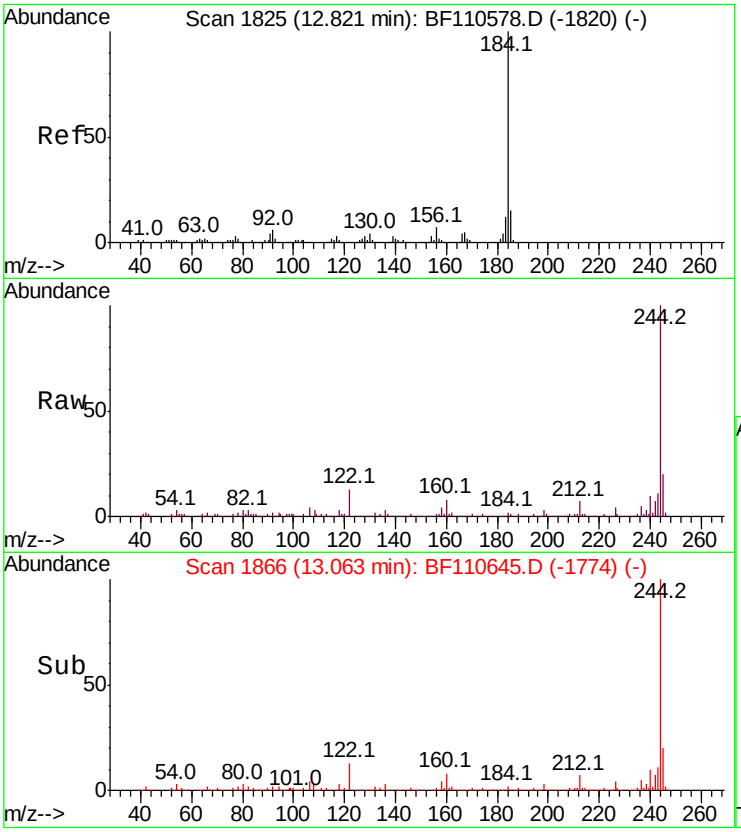


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:240 Resp: 159746

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	26.2	21.2	31.8



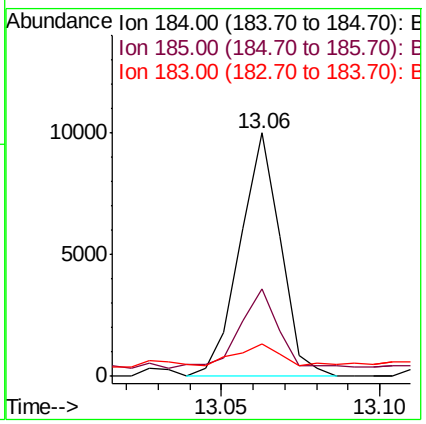


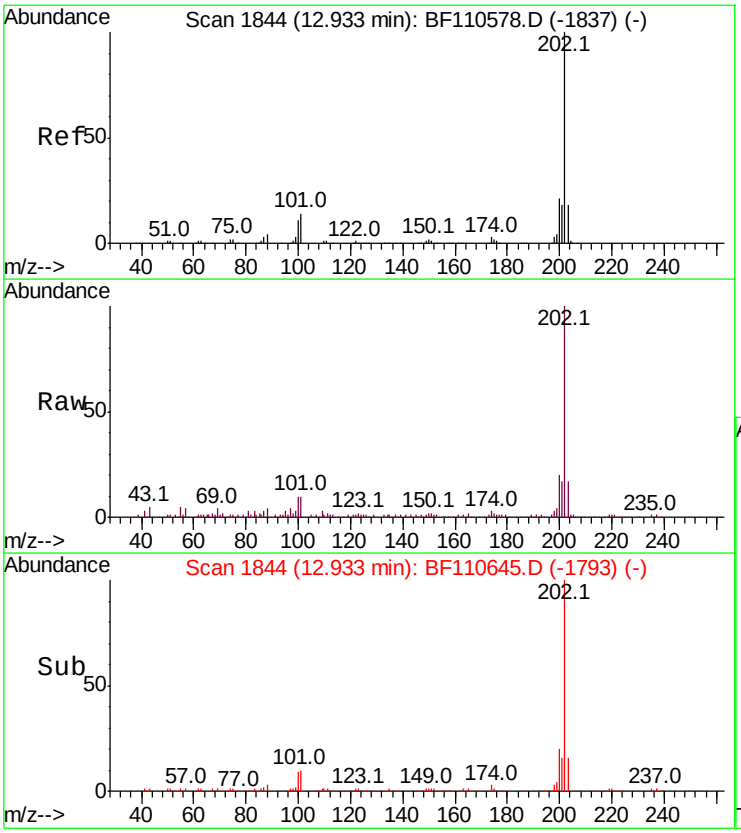
#77
Benzidine
Concen: 2.022 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 8882

Ion	Ratio	Lower	Upper
184	100		
185	36.0	13.4	20.2#
183	13.6	9.4	14.2

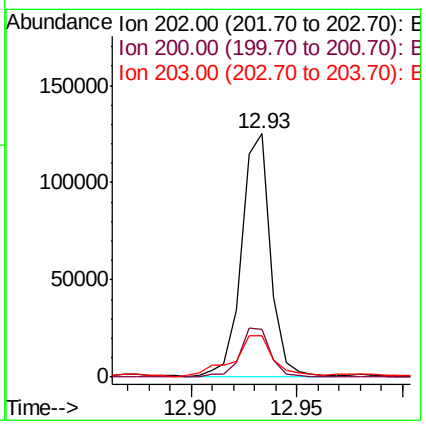


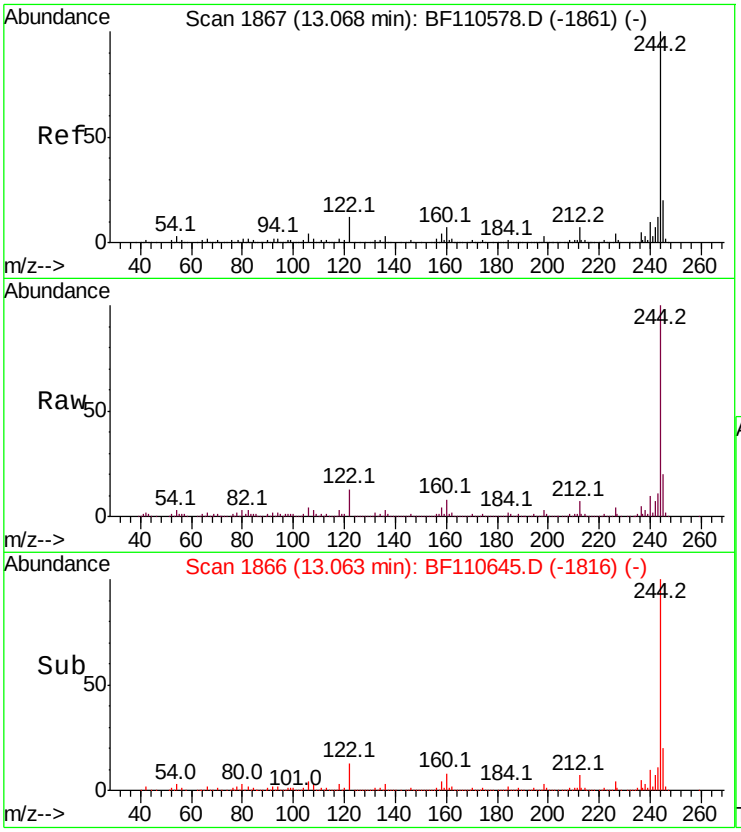


#78
Pyrene
Concen: 9.616 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:202 Resp: 118272

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.8	26.6
203	16.8	14.2	21.4



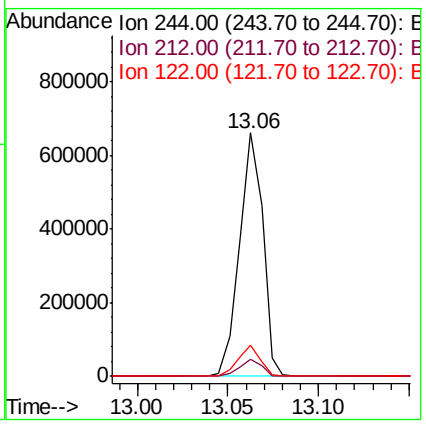


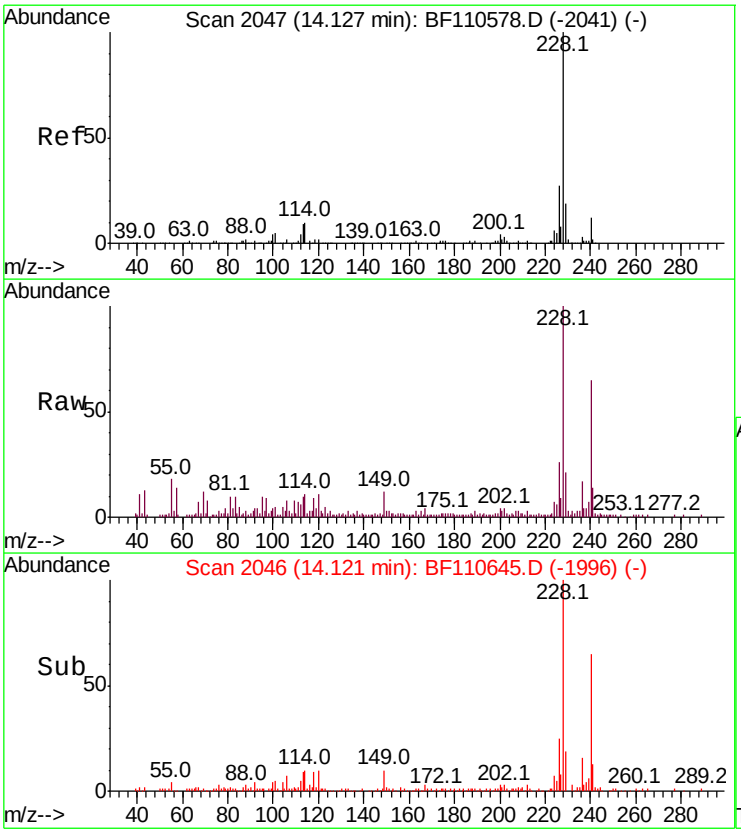
#79
Terphenyl-d14
Concen: 69.470 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 592578

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.9	8.7	13.1

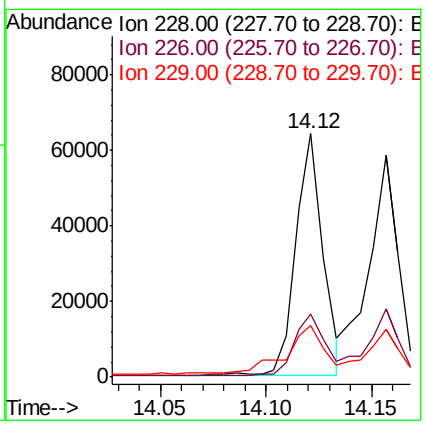


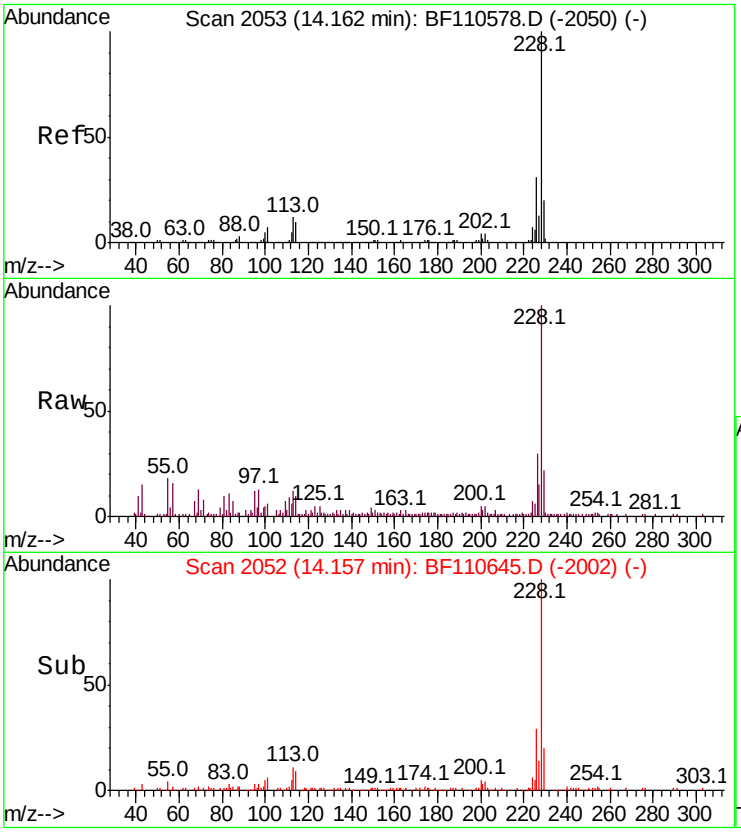


#81
Benzo(a)anthracene
Concen: 6.058 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:228 Resp: 57840

Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.1	33.1
229	21.2	15.6	23.4



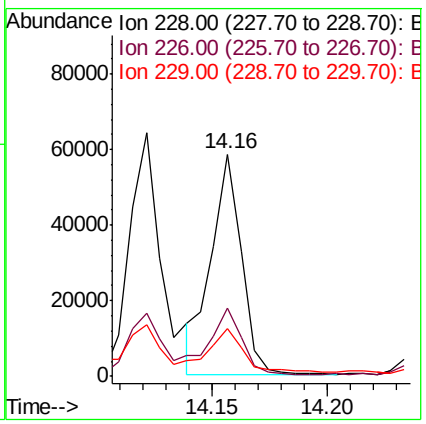


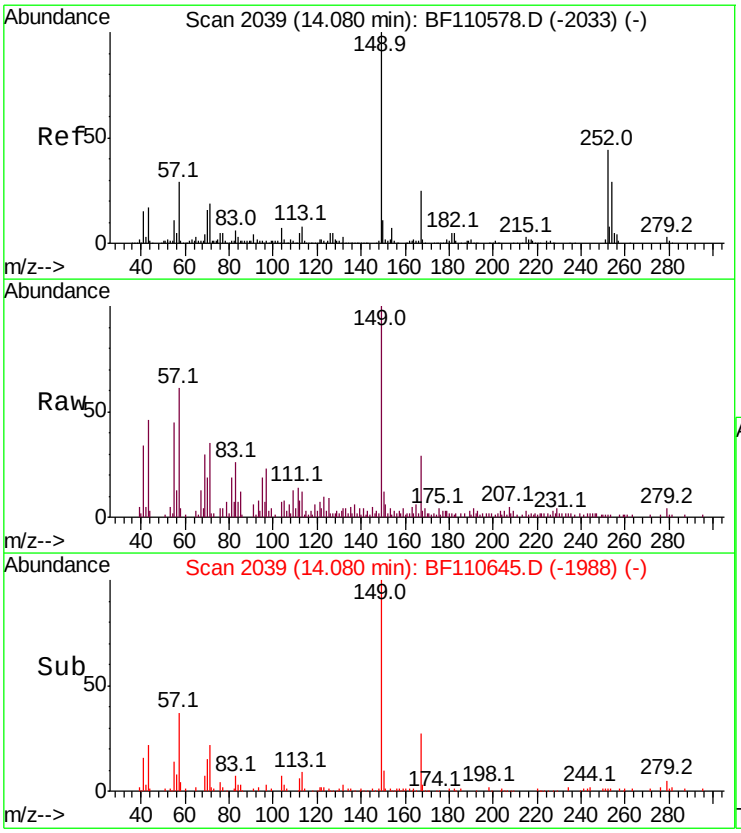
#83
Chrysene
Concen: 5.845 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 53173

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	21.6	15.9	23.9

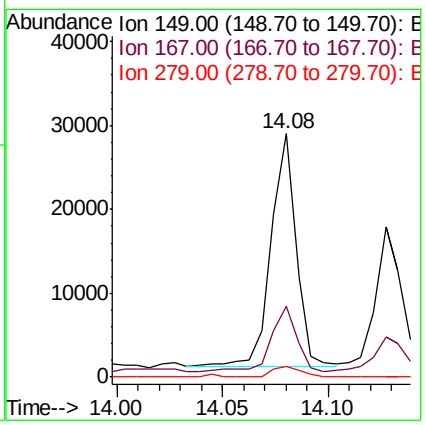


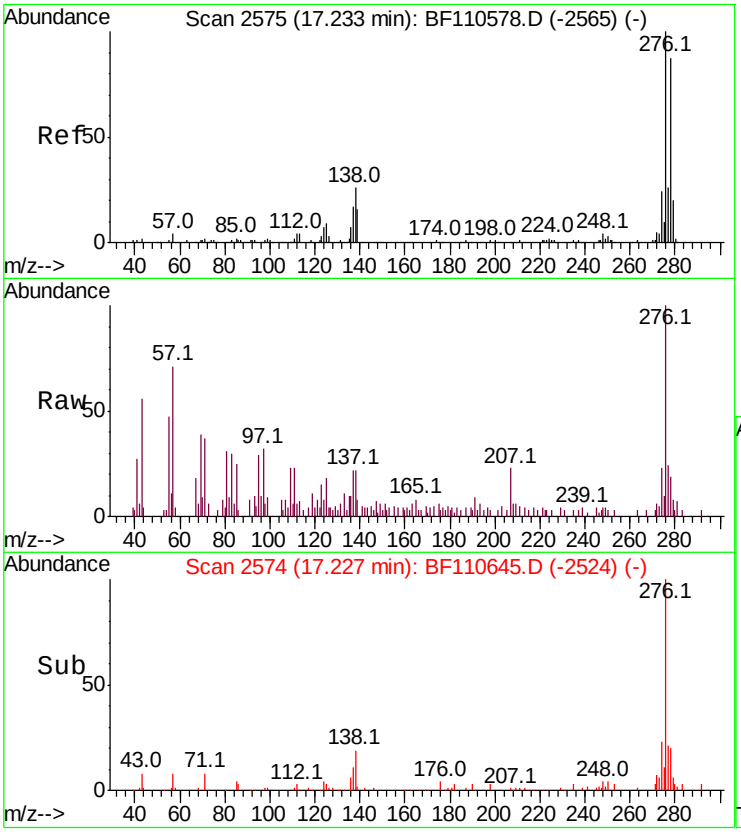


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.519 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:149 Resp: 23108

Ion	Ratio	Lower	Upper
149	100		
167	29.3	19.8	29.8
279	4.4	2.7	4.1#



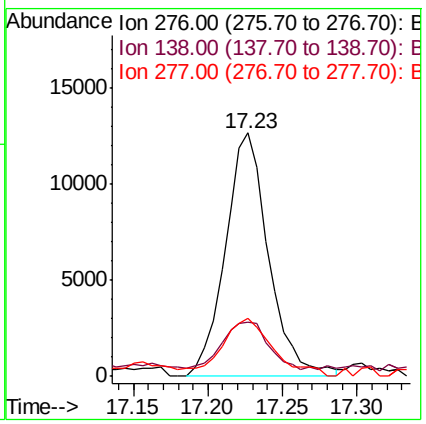


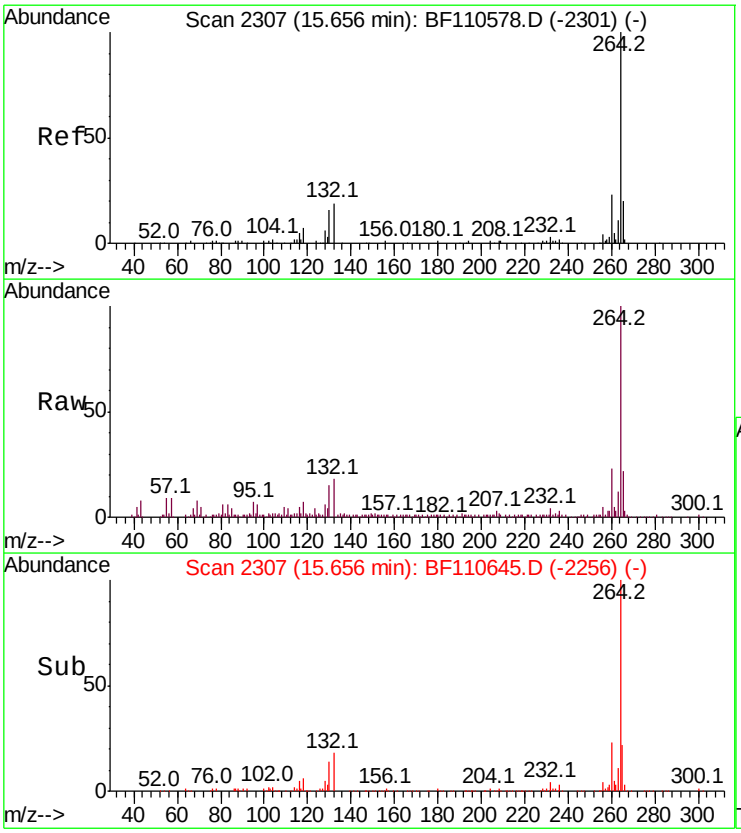
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.921 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25598

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.5	27.7
277	27.9	20.0	30.0

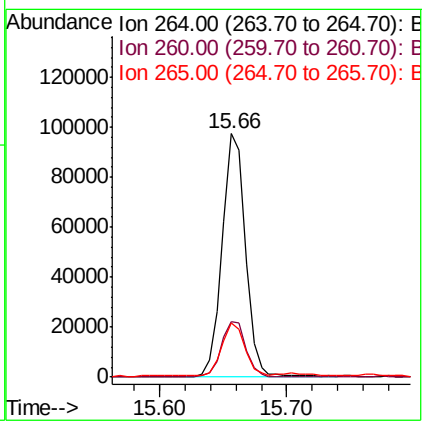


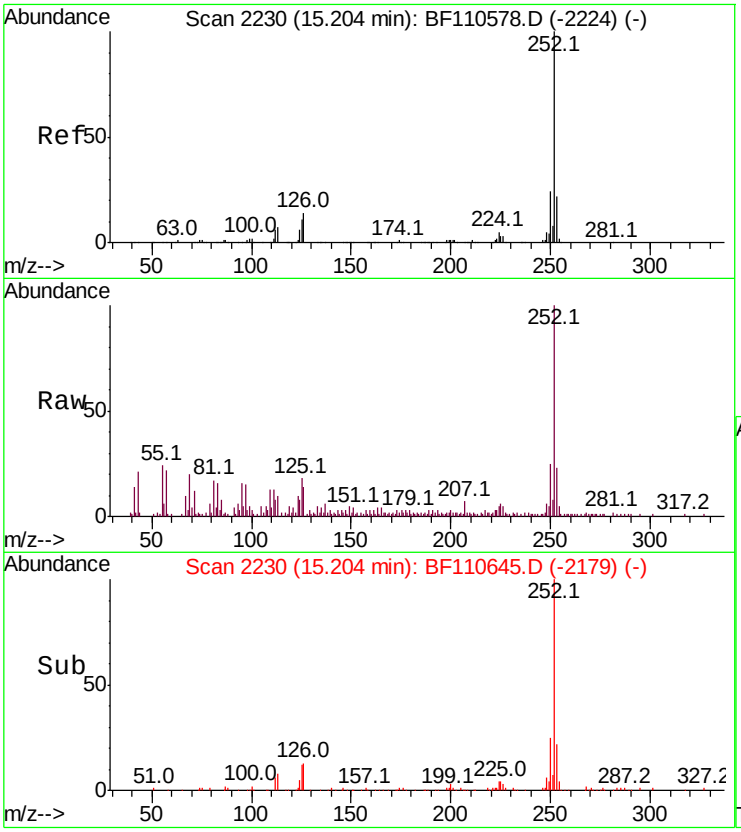


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:264 Resp: 125112

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.1	16.7	25.1



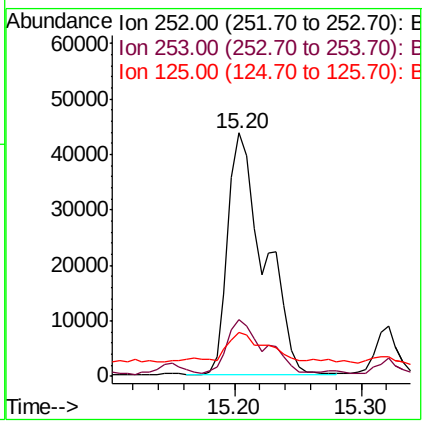


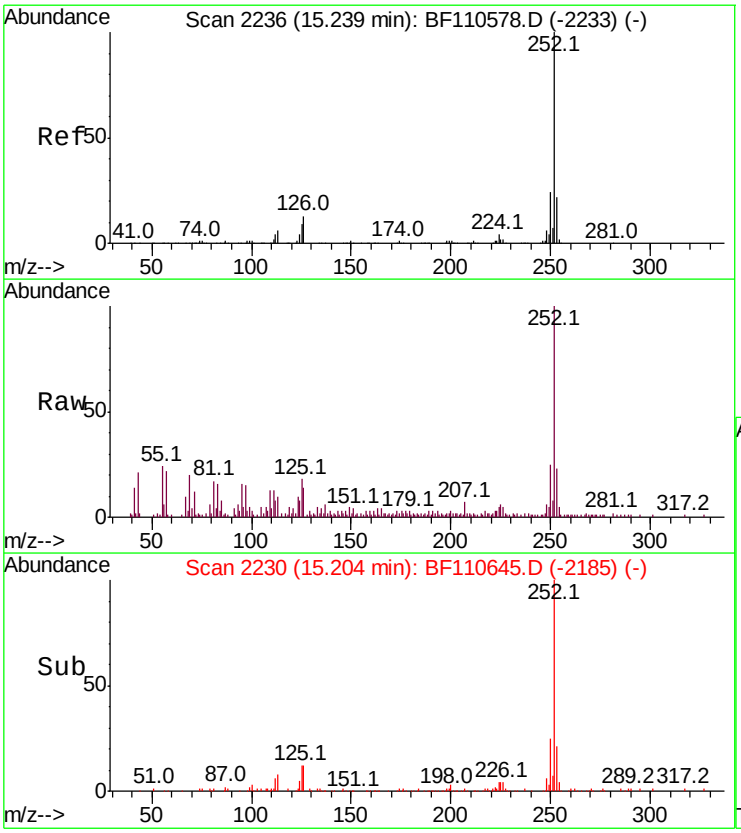
#88
Benzo(b)fluoranthene
Concen: 11.517 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86204

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	18.0	8.2	12.4#

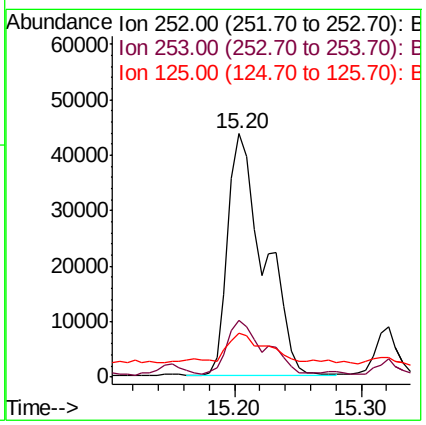


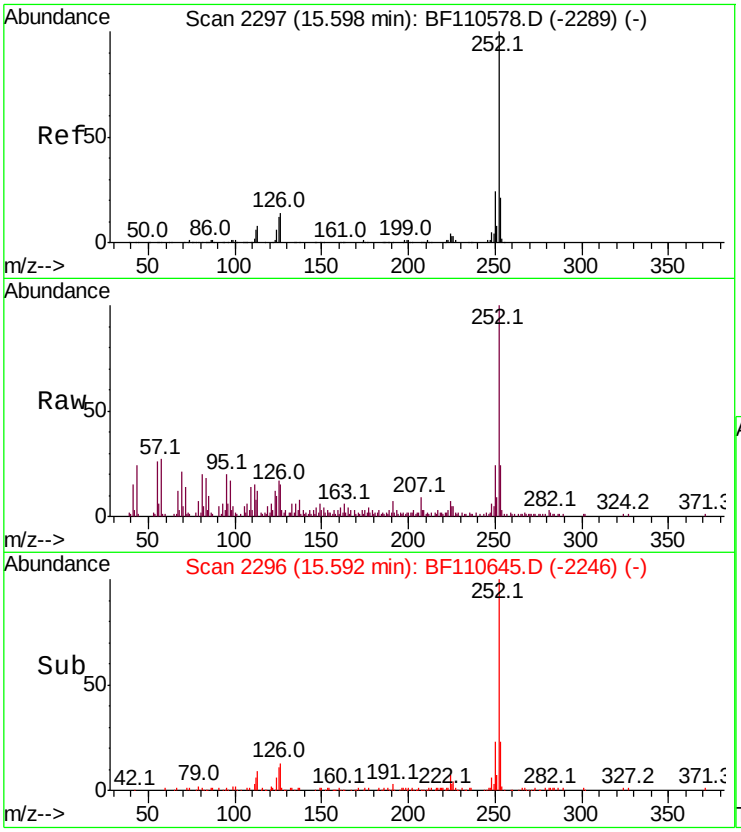


#89
Benzo(k)fluoranthene
Concen: 11.656 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:252 Resp: 86204

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	18.0	7.4	11.0#



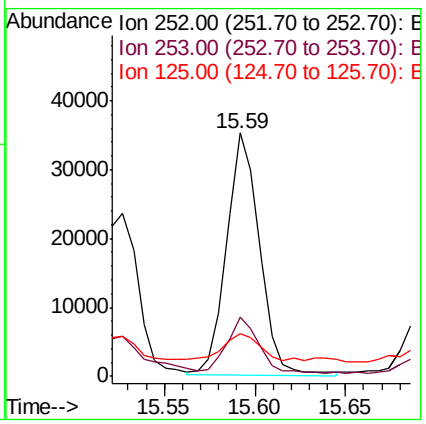


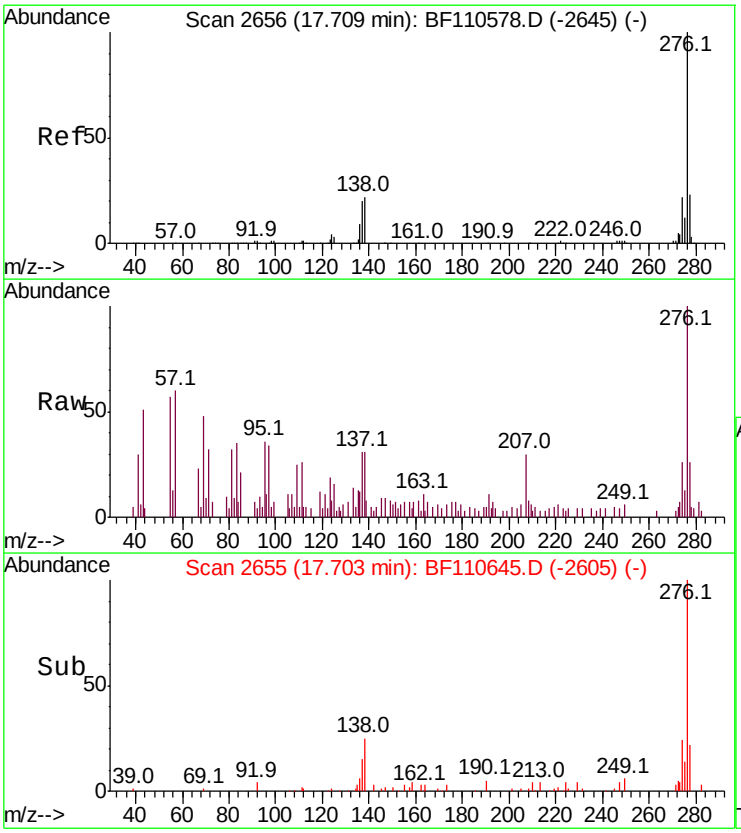
#90
Benzo(a)pyrene
Concen: 6.579 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44740

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	17.3	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 4.109 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion:276 Resp: 23460

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	31.2	16.0	24.0#