Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110854.D
Acq On : 19 Nov 2018 15:45
Operator : JU/SJ
Sample : J5574-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 19 16:21:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60955	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	226735	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	87823	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	140416	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	149642	20.00	ng		0.00
87) Perylene-d12	15.67	264	100212	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	162987	43.43	ng		0.00
7) Phenol-d6	6.56	99	204336	42.58	ng		-0.01
23) Nitrobenzene-d5	7.50	82	121642	30.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	33023	37.32	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	205976	33.50	ng		-0.01
79) Terphenyl-d14	13.06	244	180630	22.61	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.50	82	118932	18.431	ng	#	67
50) Dimethylphthalate	9.69	163	16490	2.516	ng		98
71) Phenanthrene	11.50	178	36439	4.844	ng		98
72) Anthracene	11.50	178	36439	4.802	ng		98
75) Fluoranthene	12.70	202	74114	9.827	ng		98
78) Pyrene	12.93	202	79801	6.926	ng		98
81) Benzo(a)anthracene	14.16	228	42378	4.738	ng		92
83) Chrysene	14.16	228	42378	4.973	ng		96
86) Indeno(1,2,3-cd)pyrene	17.26	276	12414	2.030	ng	#	94
88) Benzo(b)fluoranthene	15.22	252	50264	8.384	ng	#	85
89) Benzo(k)fluoranthene	15.22	252	50264	8.485	ng	#	84
90) Benzo(a)pyrene	15.61	252	24877	4.567	ng	#	85
92) Benzo(g,h,i)perylene	17.74	276	13683	2.992	ng		92

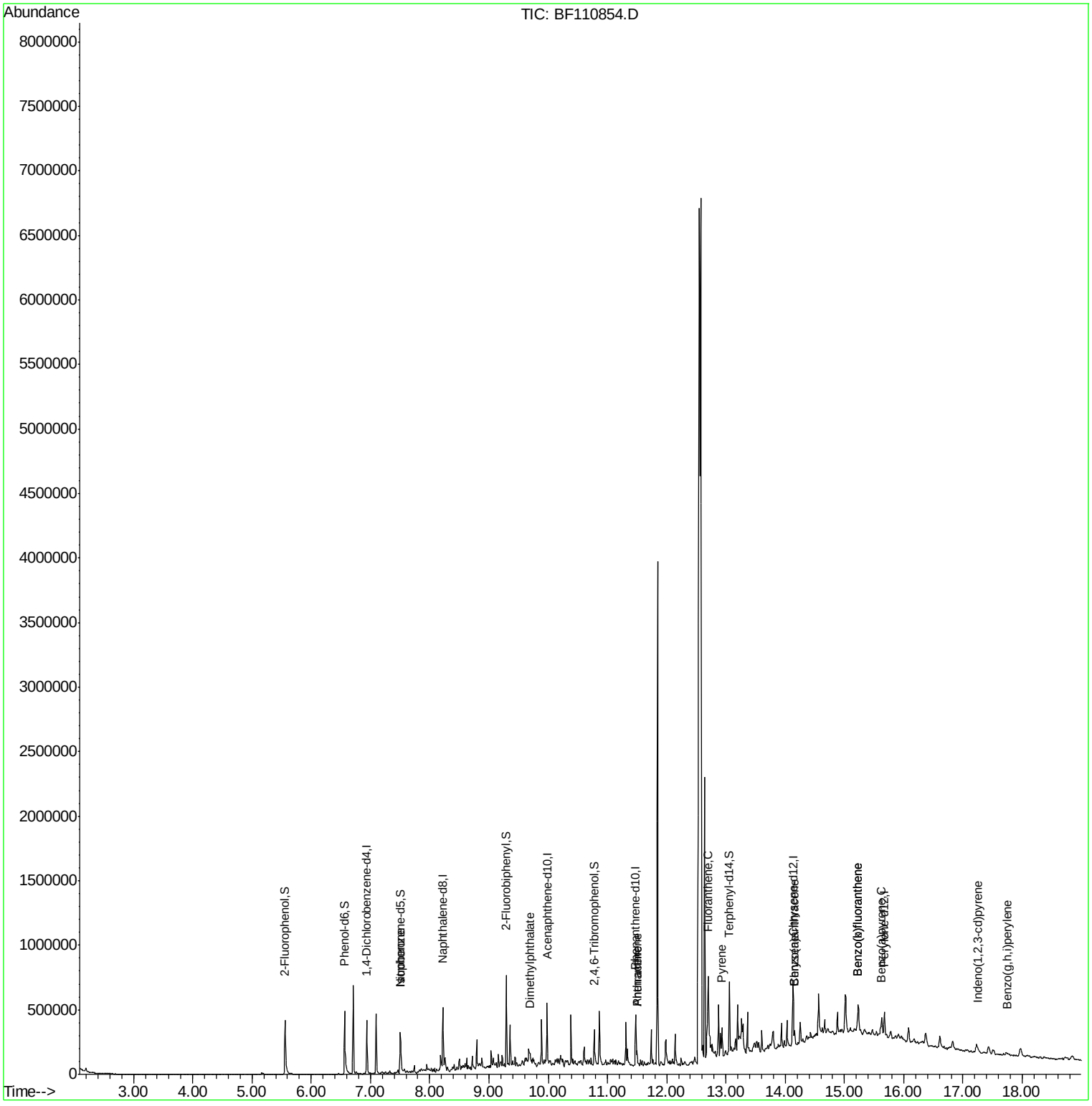
(#) = qualifier out of range (m) = manual integration (+) = signals summed

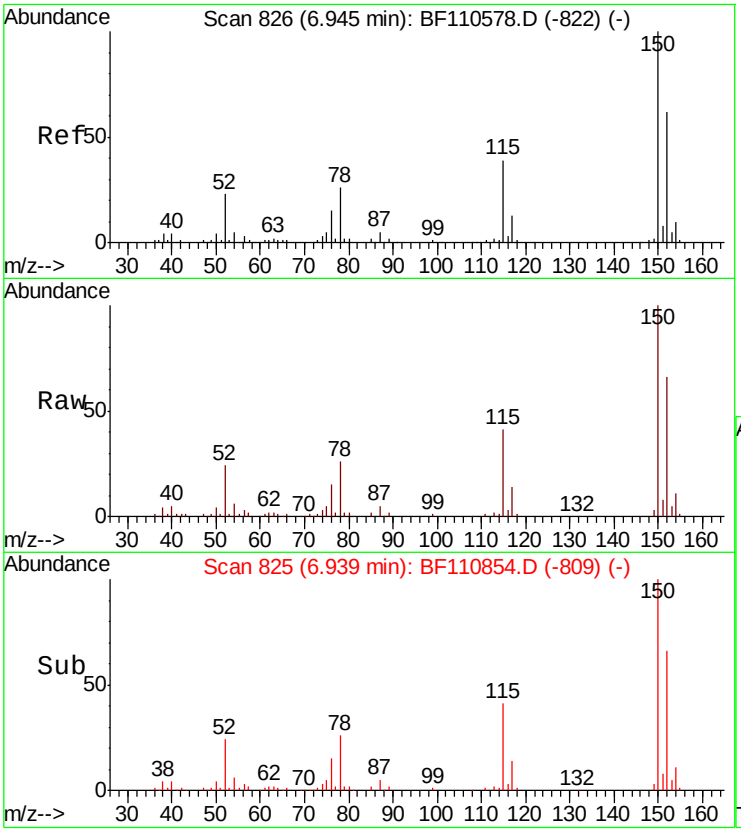
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110854.D
Acq On : 19 Nov 2018 15:45
Operator : JU/SJ
Sample : J5574-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 19 16:21:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



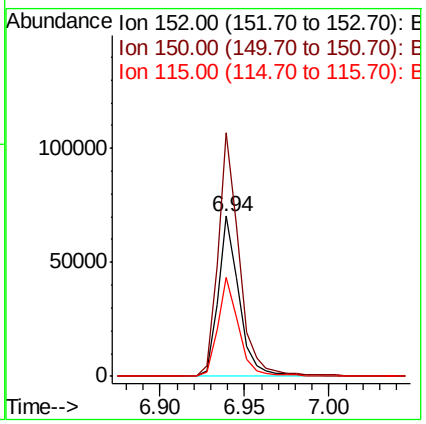


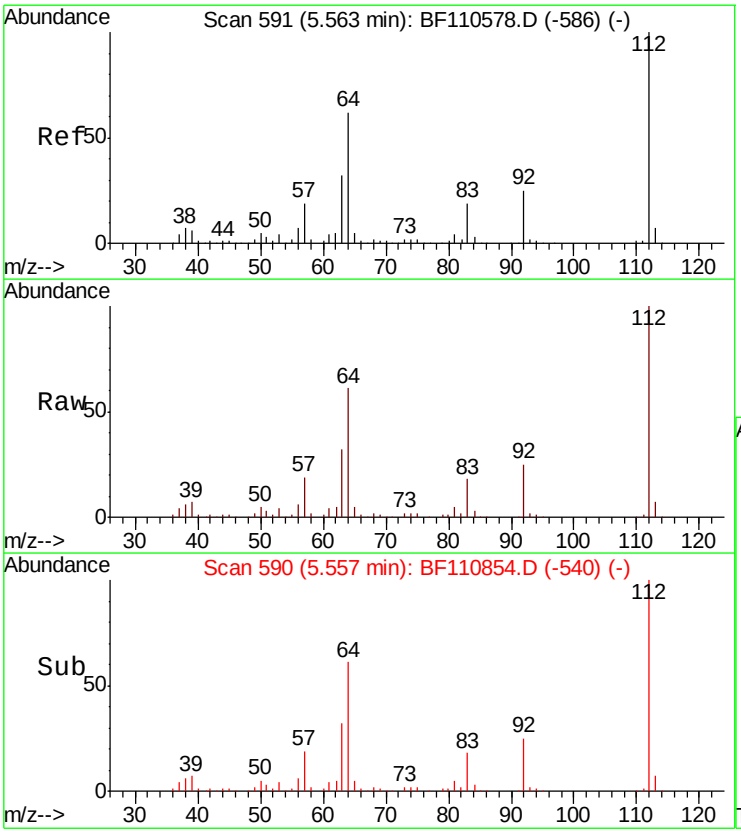
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60955

Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.7	184.1
115	62.1	49.1	73.7

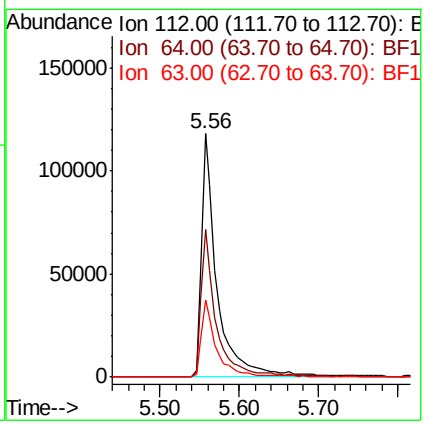


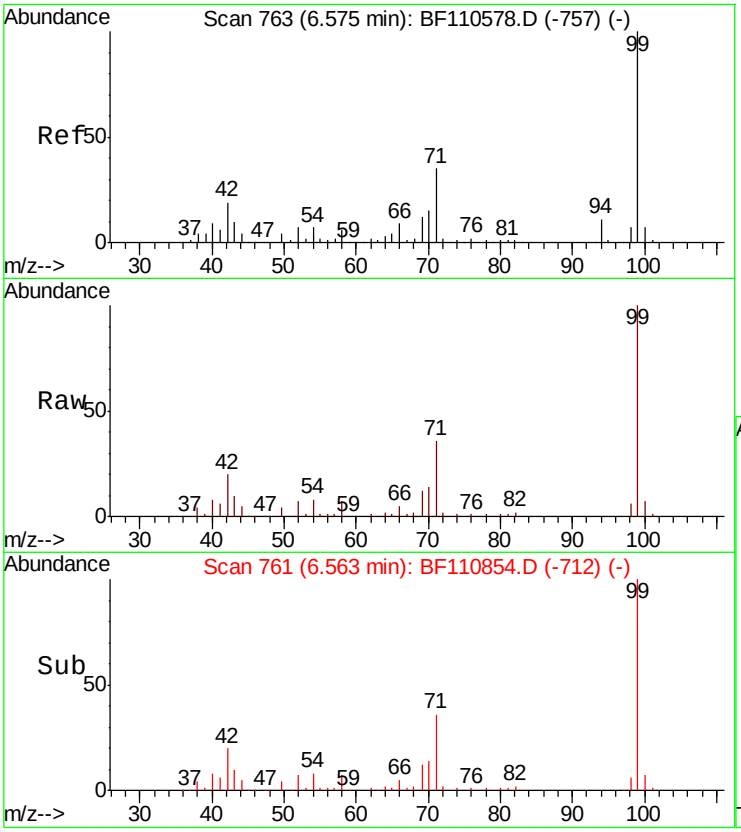


#5
2-Fluorophenol
Concen: 43.432 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:112 Resp: 162987

Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.1	66.1
63	31.8	23.7	35.5



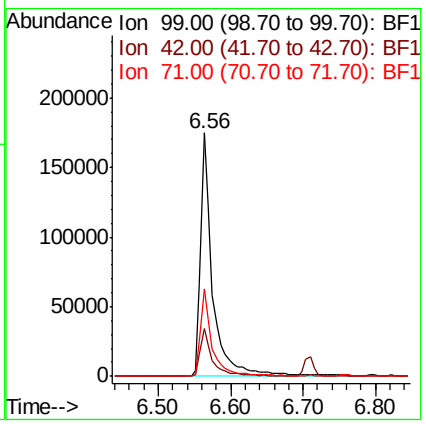


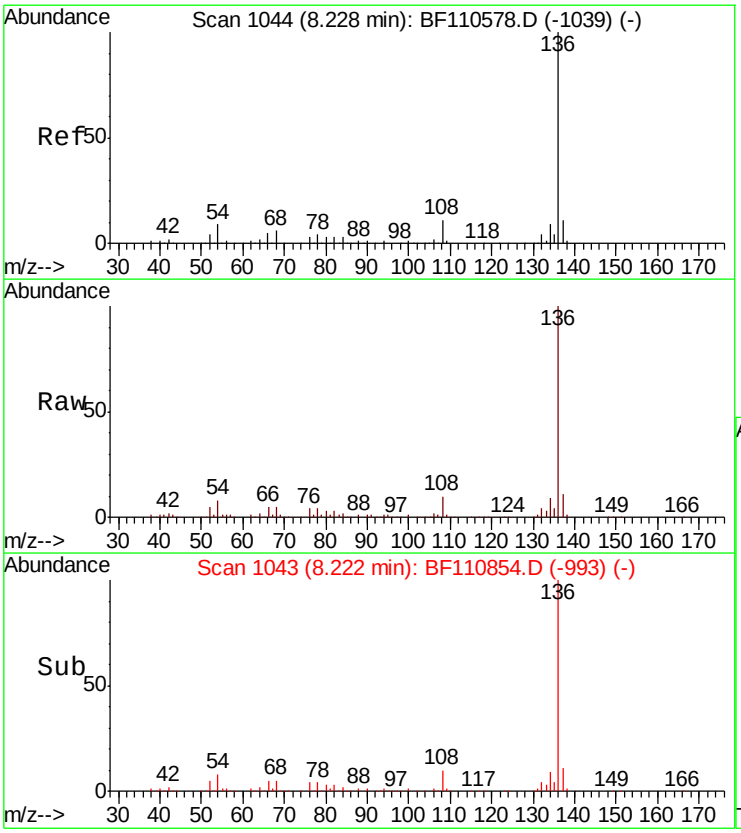
#7
Phenol-d6
Concen: 42.581 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 204336

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.9	28.0	42.0

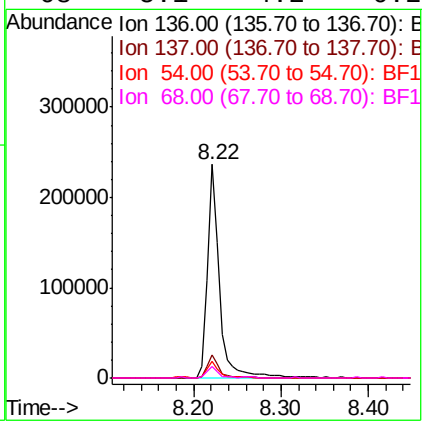


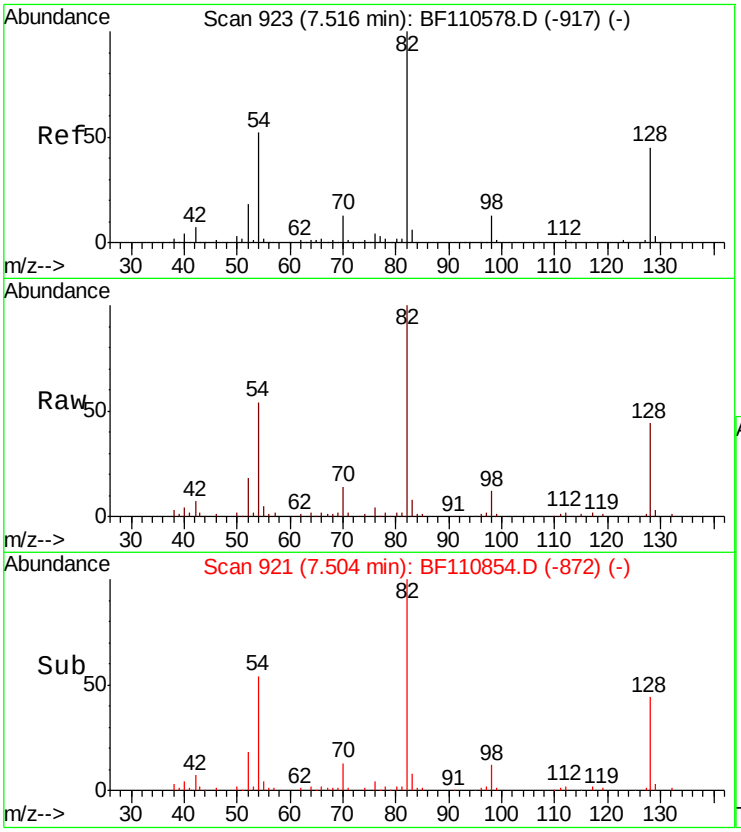


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:136 Resp: 226735

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	5.4	8.2
68	5.1	4.2	6.2



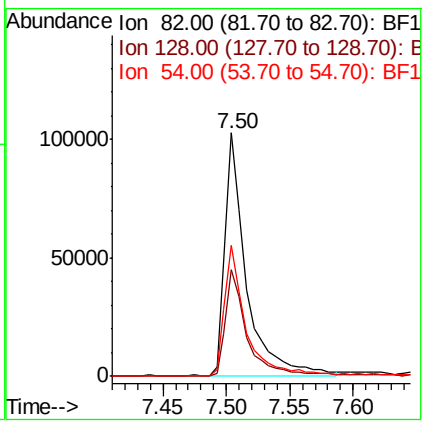


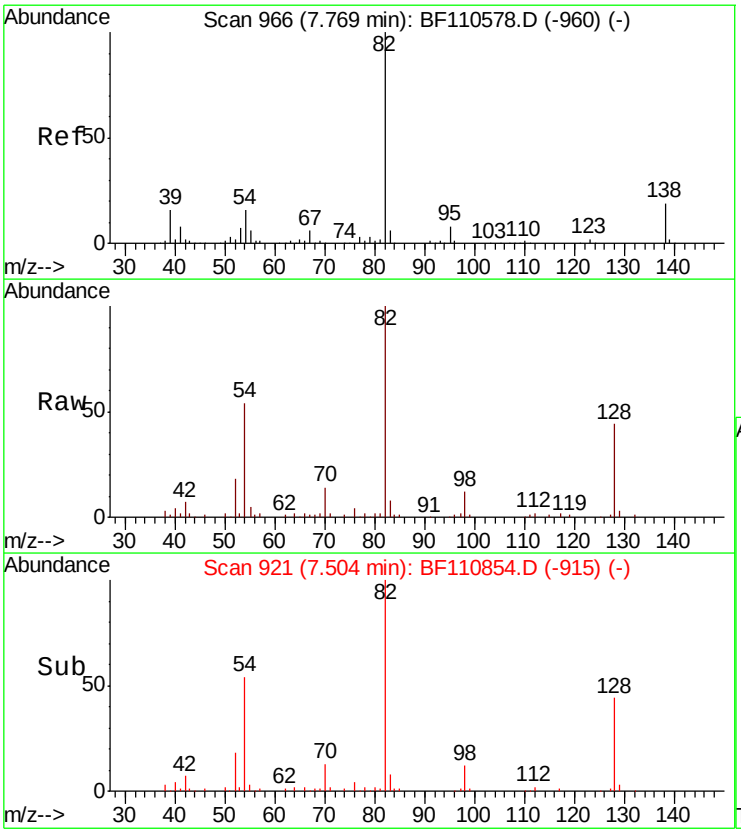
#23
Nitrobenzene-d5
Concen: 30.896 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 121642

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	53.8	38.6	58.0

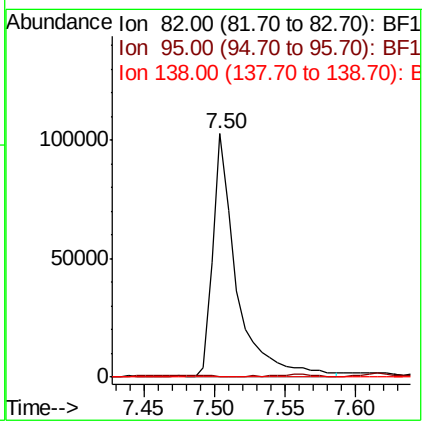


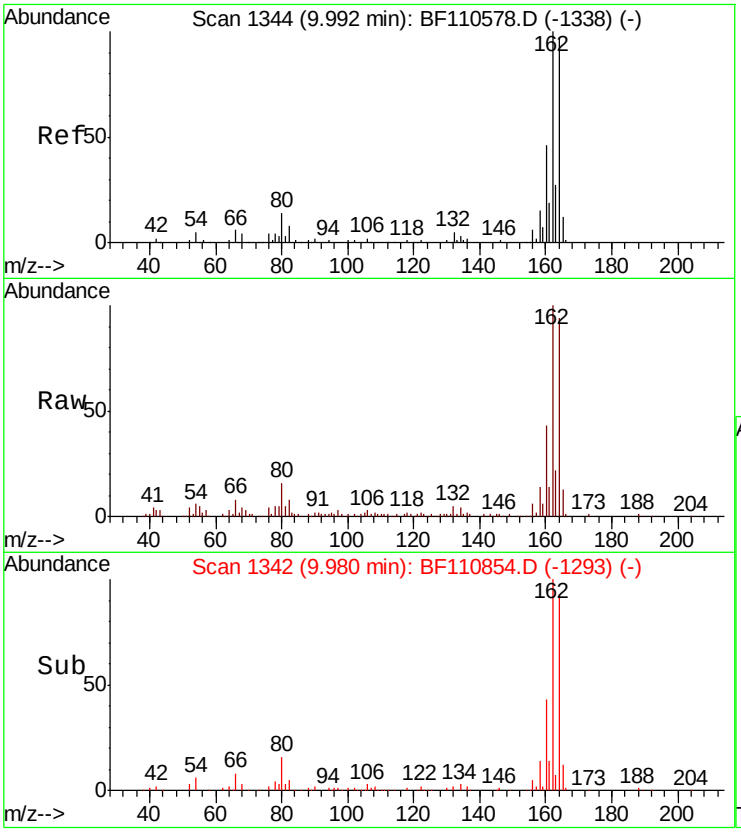


#25
Isophorone
Concen: 18.431 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion: 82 Resp: 118932

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



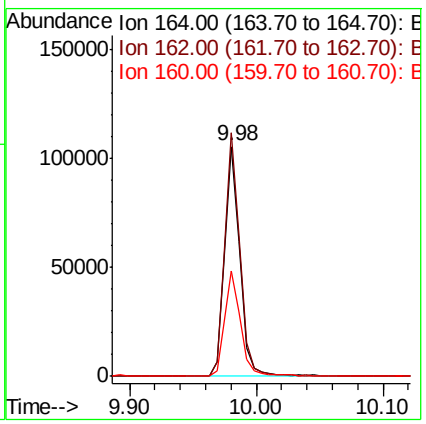


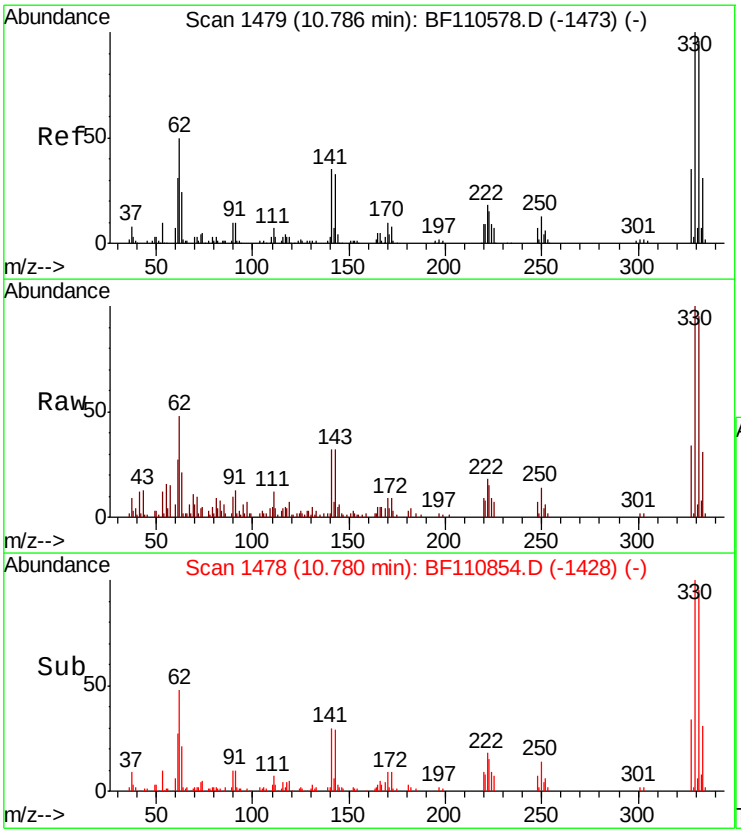
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 87823

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.0	124.6
160	46.0	37.0	55.6

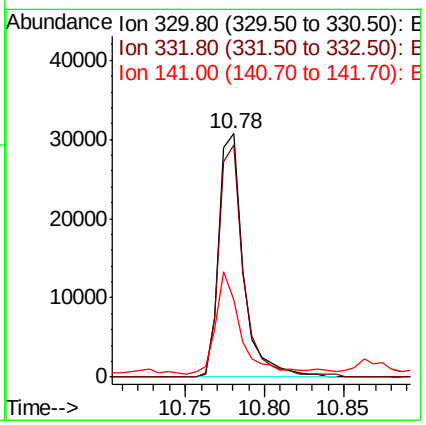


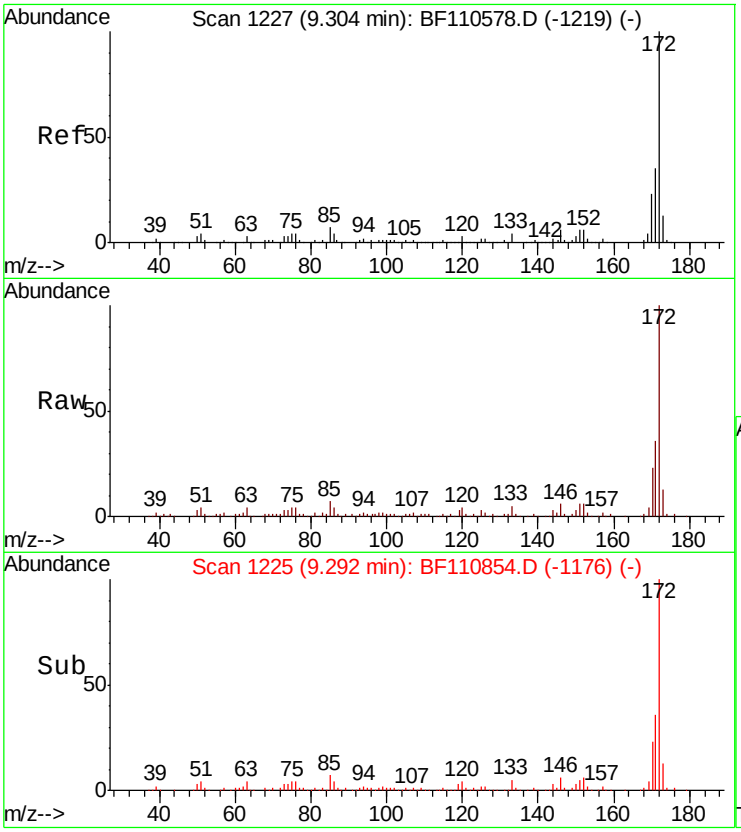


#42
2,4,6-Tribromophenol
Concen: 37.317 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:330 Resp: 33023

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	42.0	27.0	40.4#



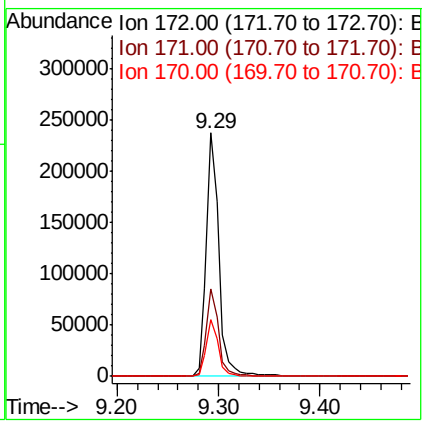


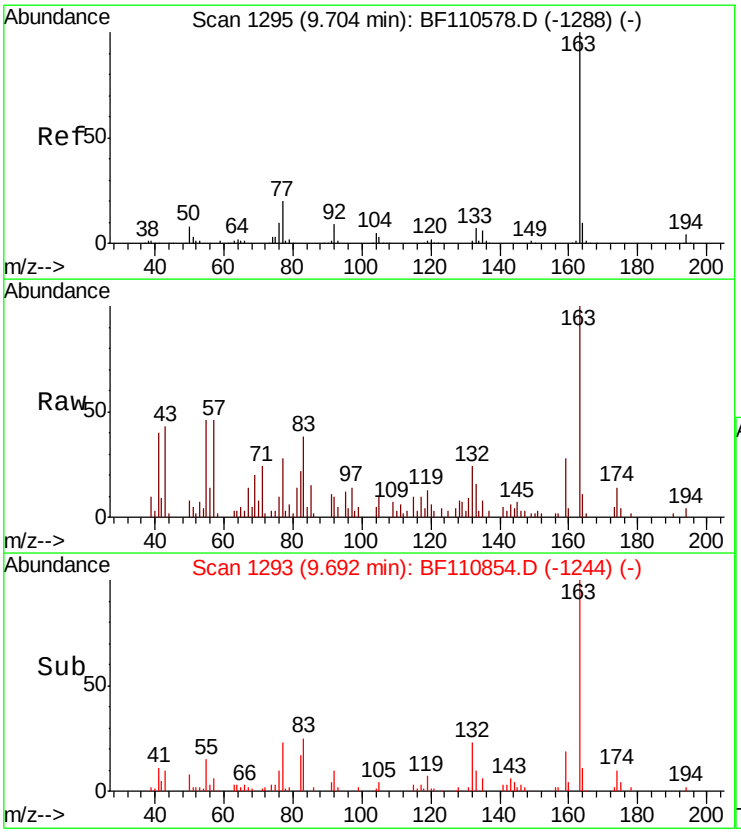
#45
2-Fluorobiphenyl
Concen: 33.496 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 205976

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.1	19.7	29.5

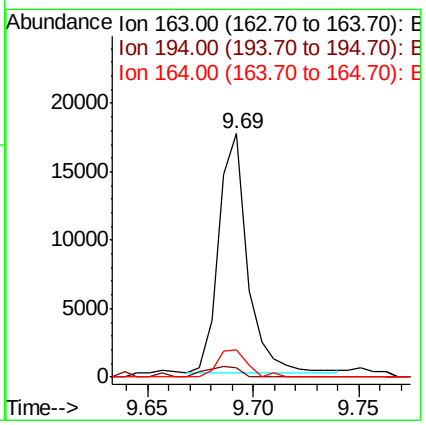


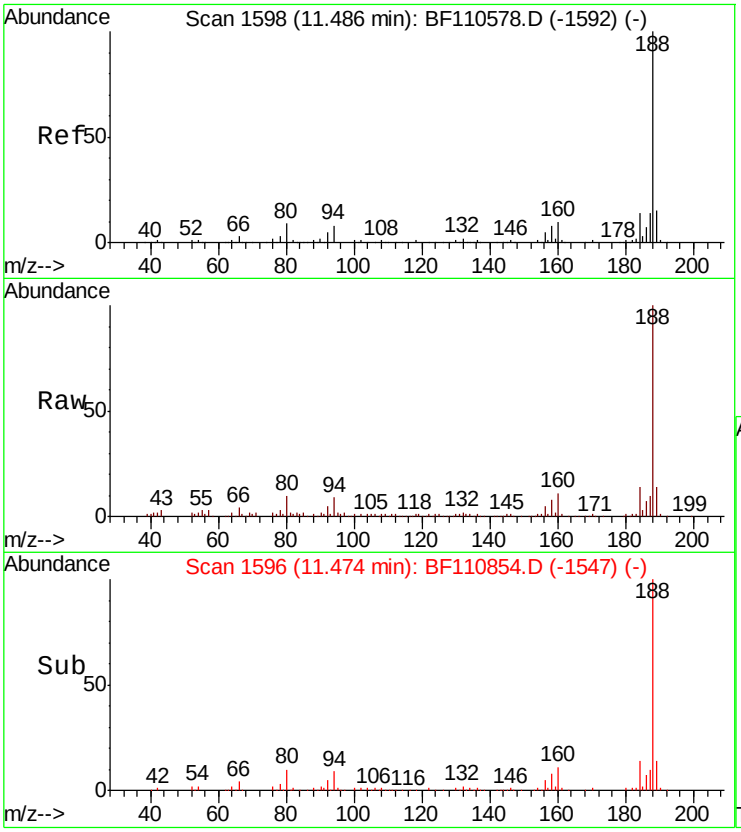


#50
Dimethylphthalate
Concen: 2.516 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:163 Resp: 16490

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	11.2	8.1	12.1



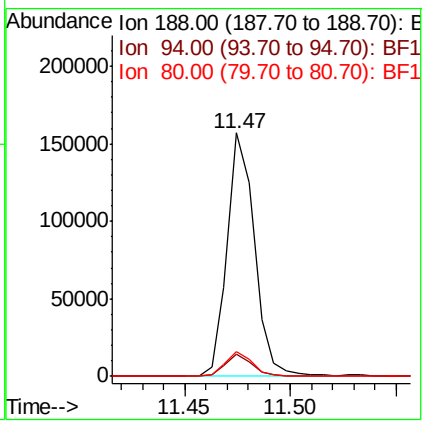


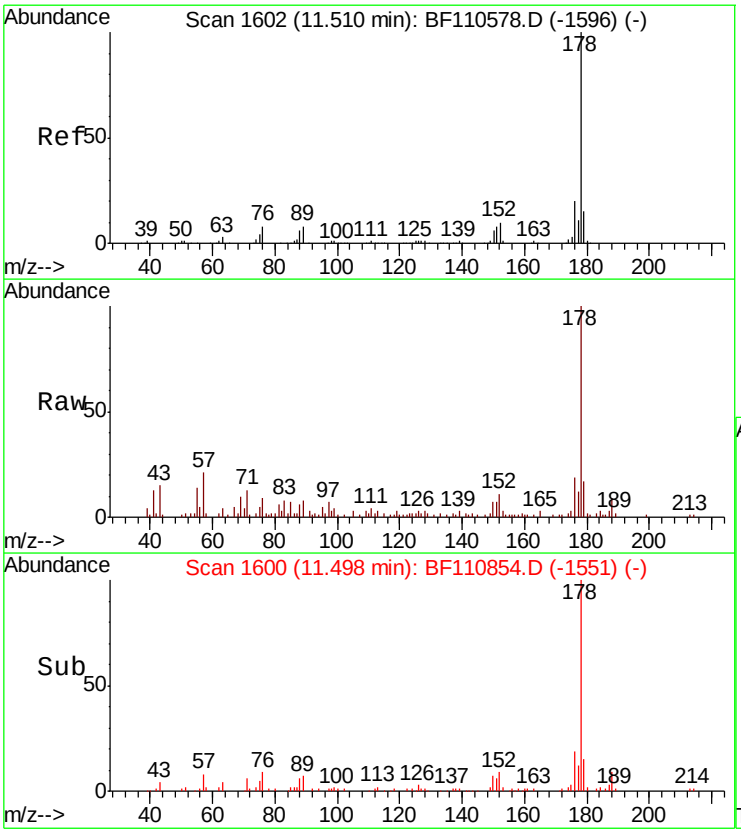
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 140416

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.9	7.9	11.9

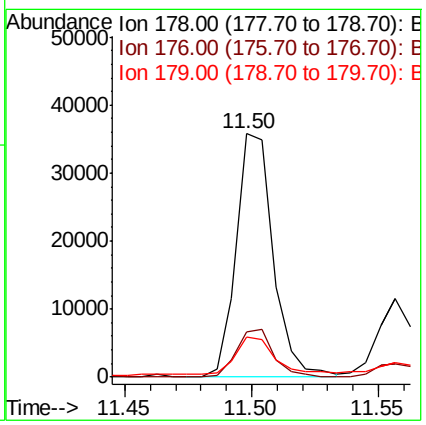


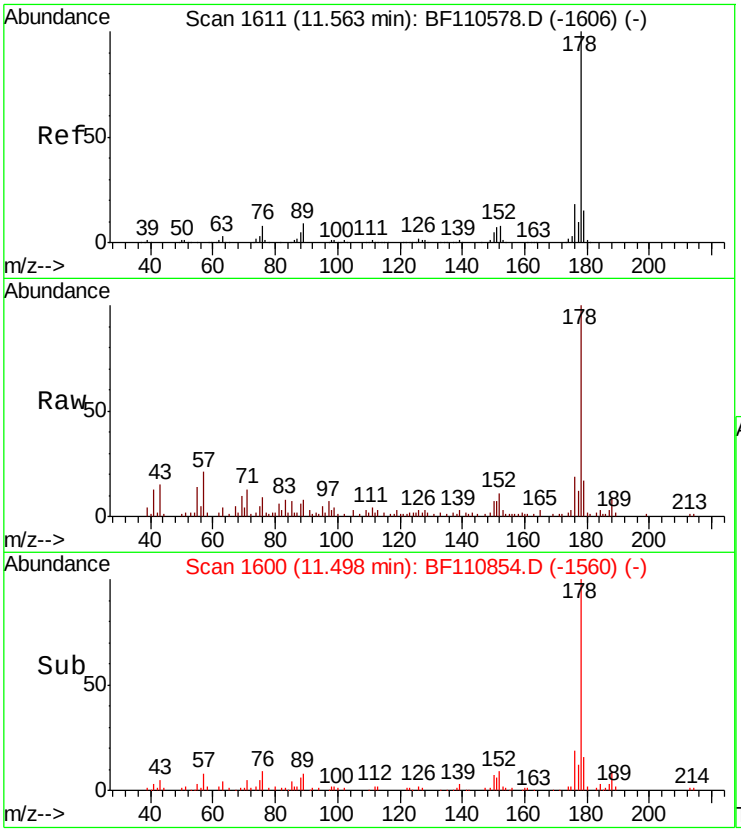


#71
Phenanthrene
Concen: 4.844 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:178 Resp: 36439

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.6	12.5	18.7



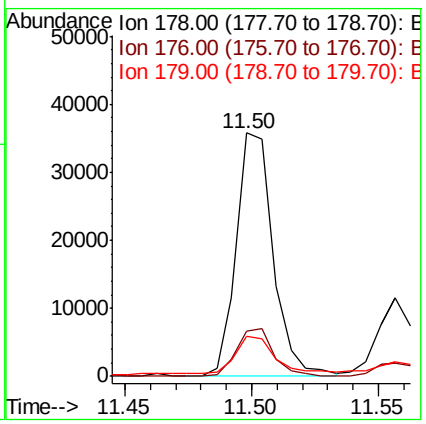


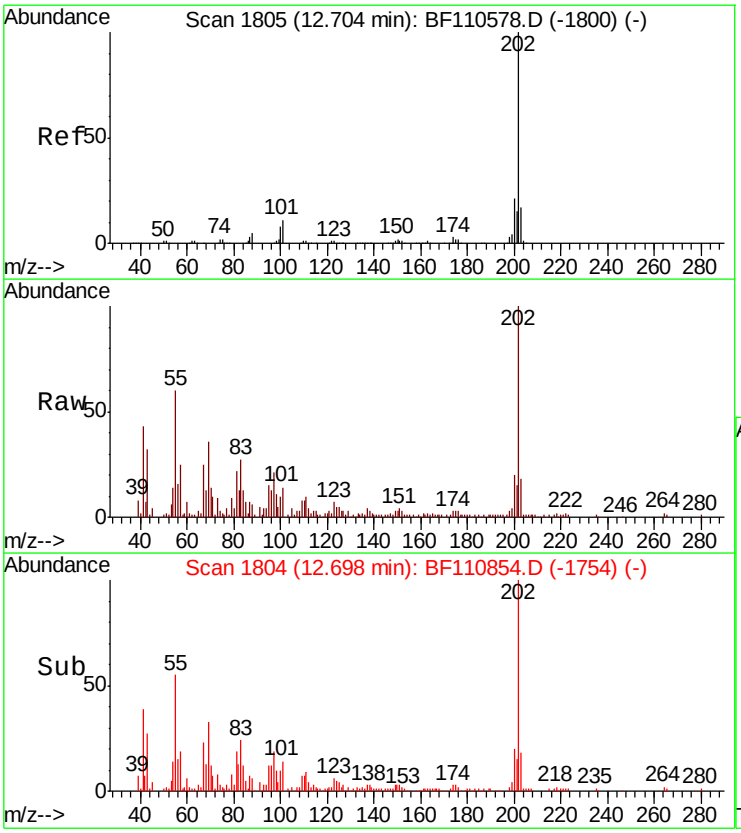
#72
Anthracene
Concen: 4.802 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.06 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 36439

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.6	12.6	18.8

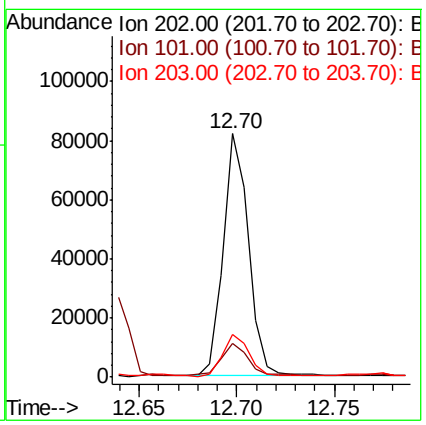


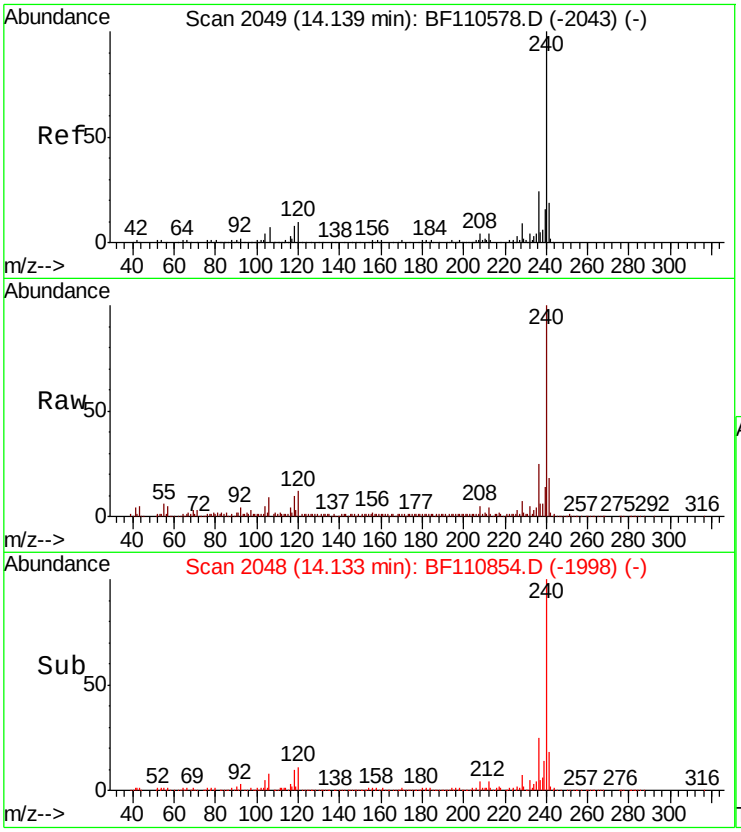


#75
Fluoranthene
Concen: 9.827 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:202 Resp: 74114

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.4
203	17.7	0.0	37.7



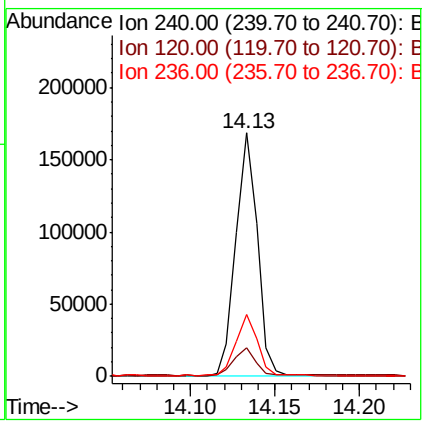


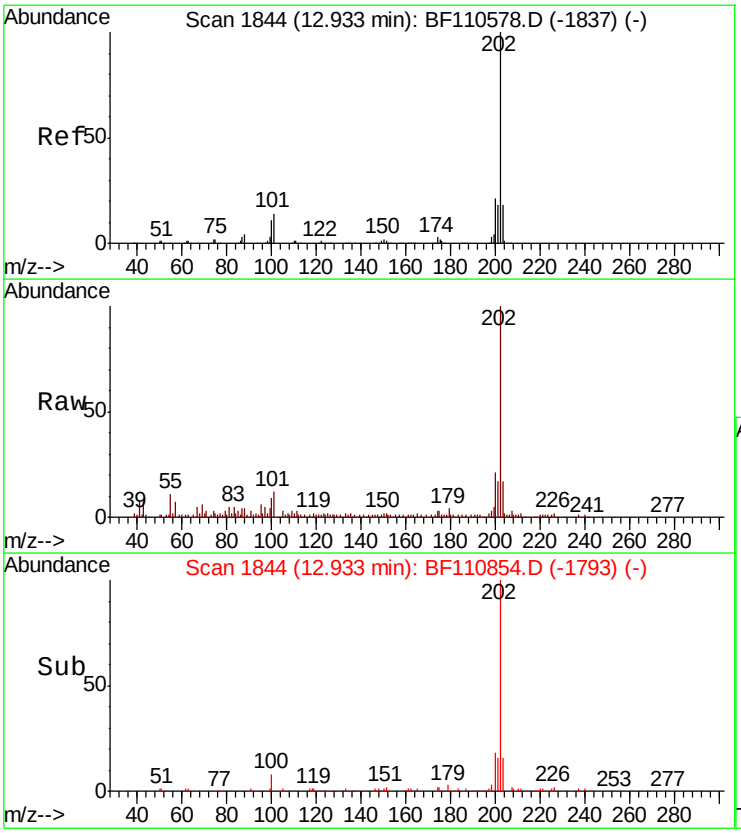
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 149642

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.4	21.2	31.8

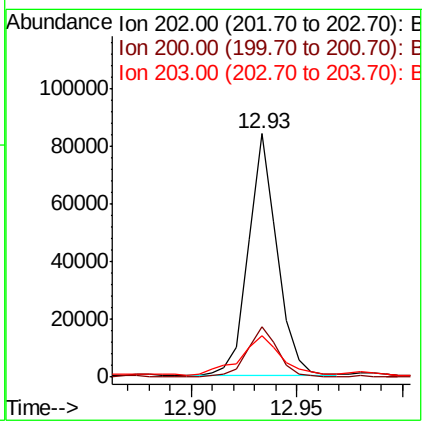


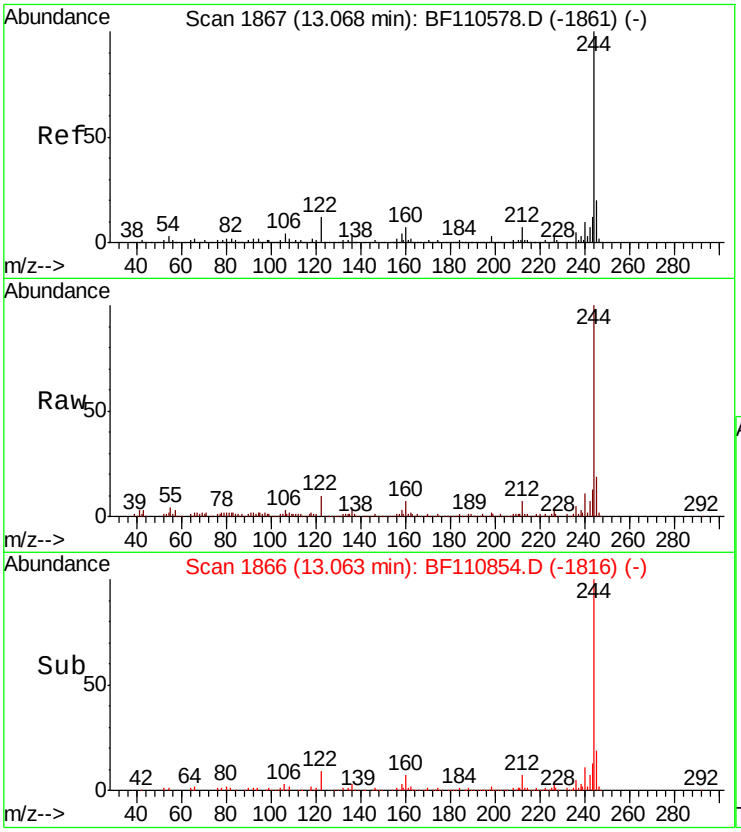


#78
Pyrene
Concen: 6.926 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:202 Resp: 79801

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.2	14.2	21.4



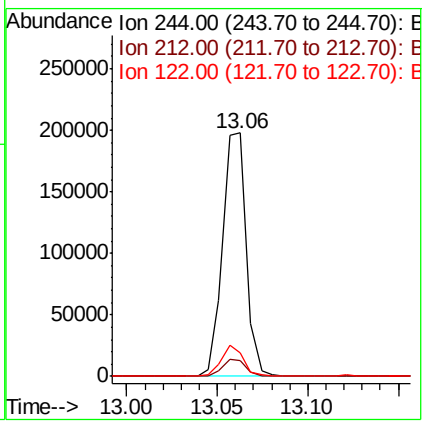


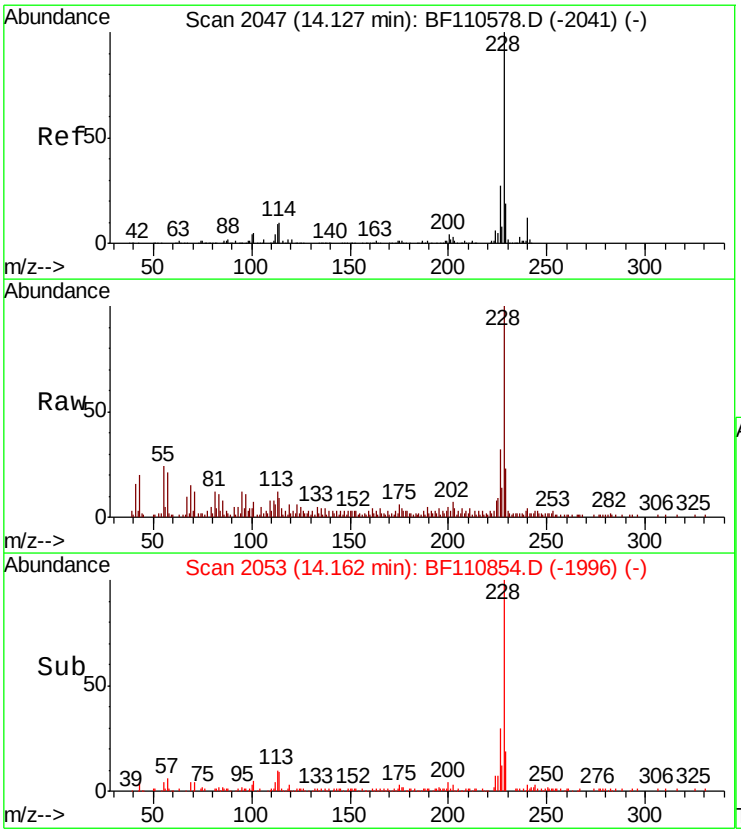
#79
Terphenyl-d14
Concen: 22.606 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 180630

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	9.7	8.7	13.1

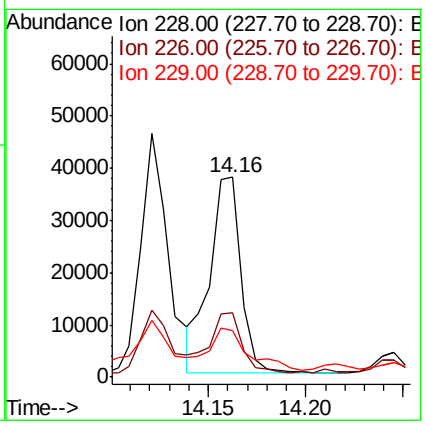


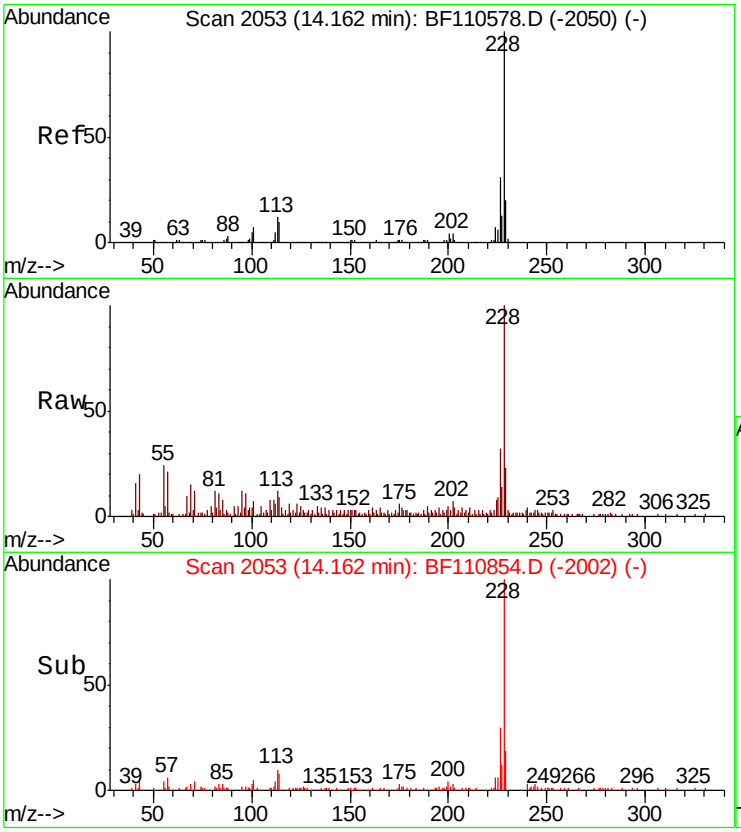


#81
Benzo(a)anthracene
Concen: 4.738 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.04 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:228 Resp: 42378

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.1	33.1
229	23.1	15.6	23.4



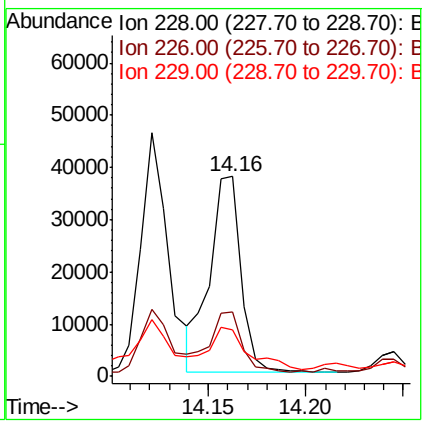


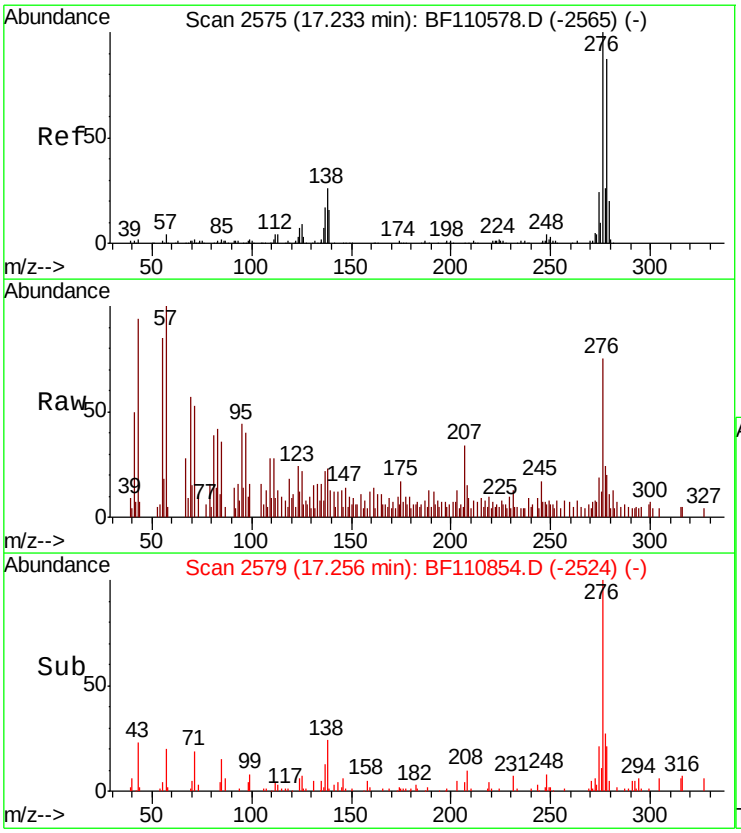
#83
Chrysene
Concen: 4.973 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 42378

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	23.1	15.9	23.9

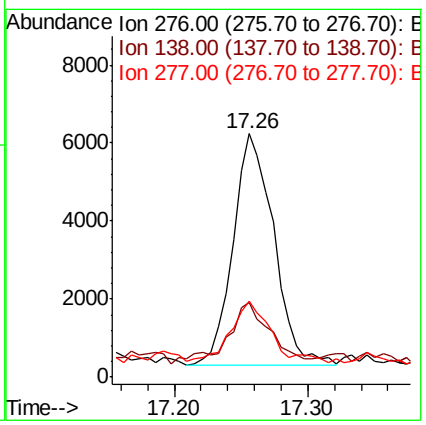


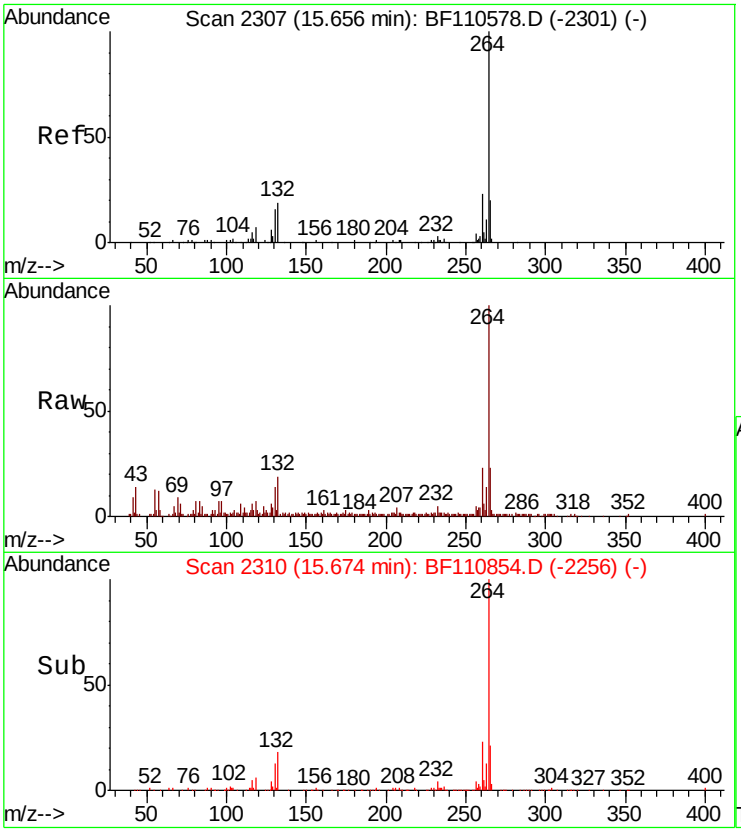


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.030 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.02 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:276 Resp: 12414

Ion	Ratio	Lower	Upper
276	100		
138	28.6	18.5	27.7#
277	25.6	20.0	30.0



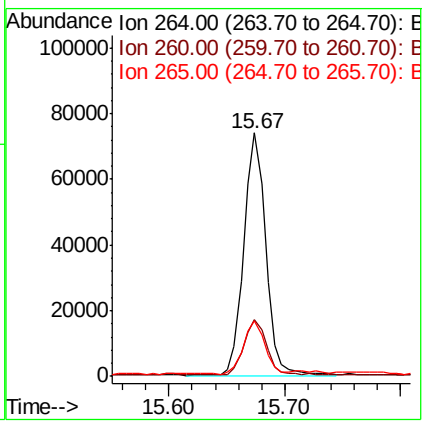


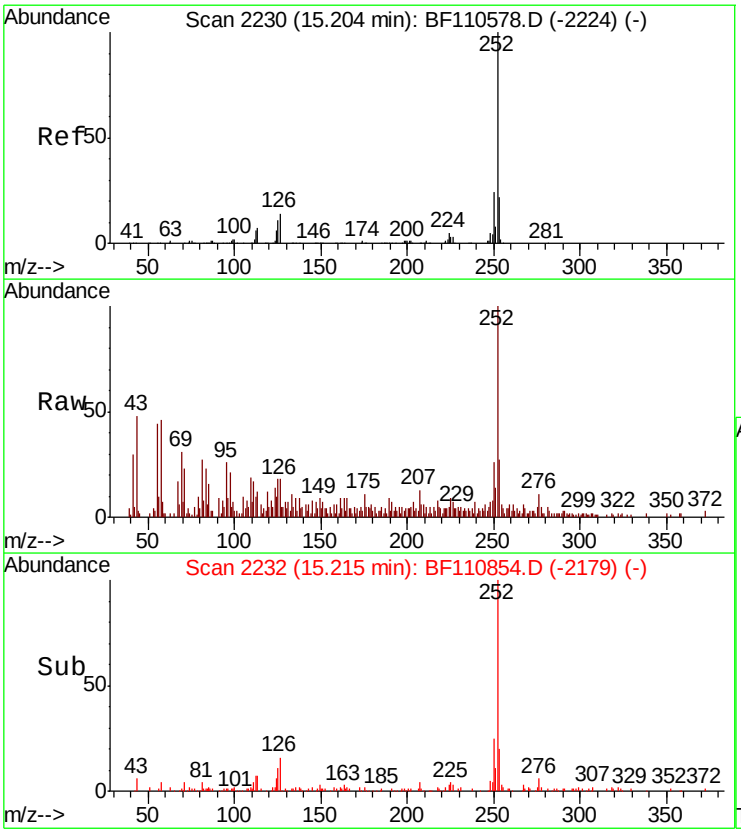
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.02 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 100212

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.5	16.7	25.1

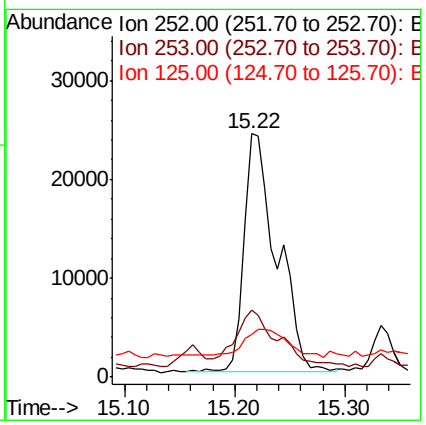


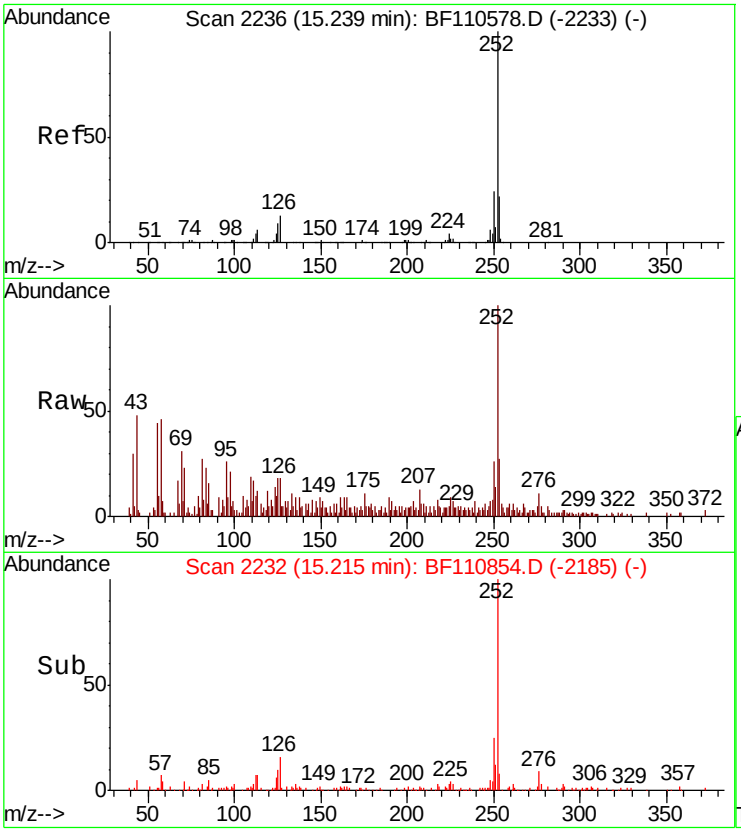


#88
Benzo(b)fluoranthene
Concen: 8.384 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:252 Resp: 50264

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.2	25.8#
125	17.6	8.2	12.4#



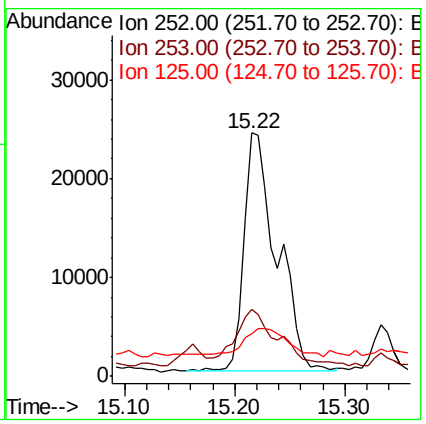


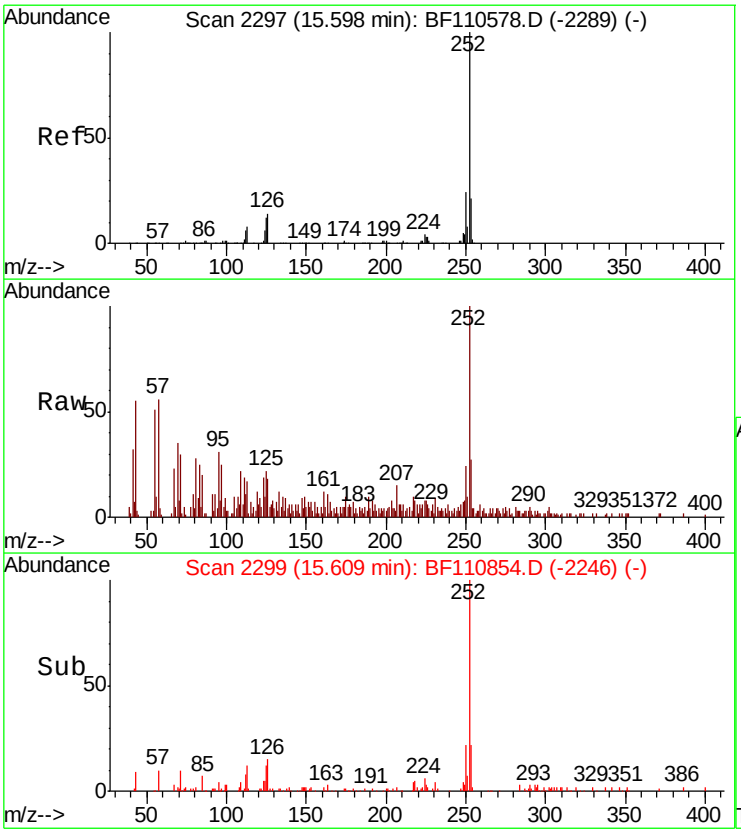
#89
Benzo(k)fluoranthene
Concen: 8.485 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50264

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.2	25.8#
125	17.6	7.4	11.0#

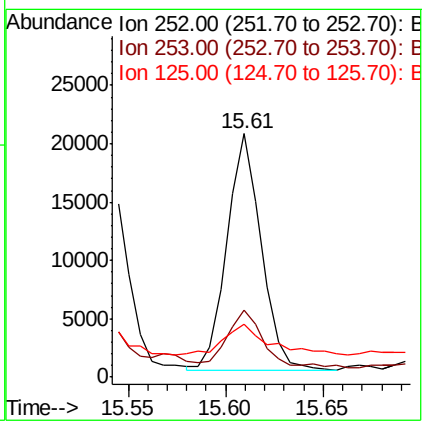


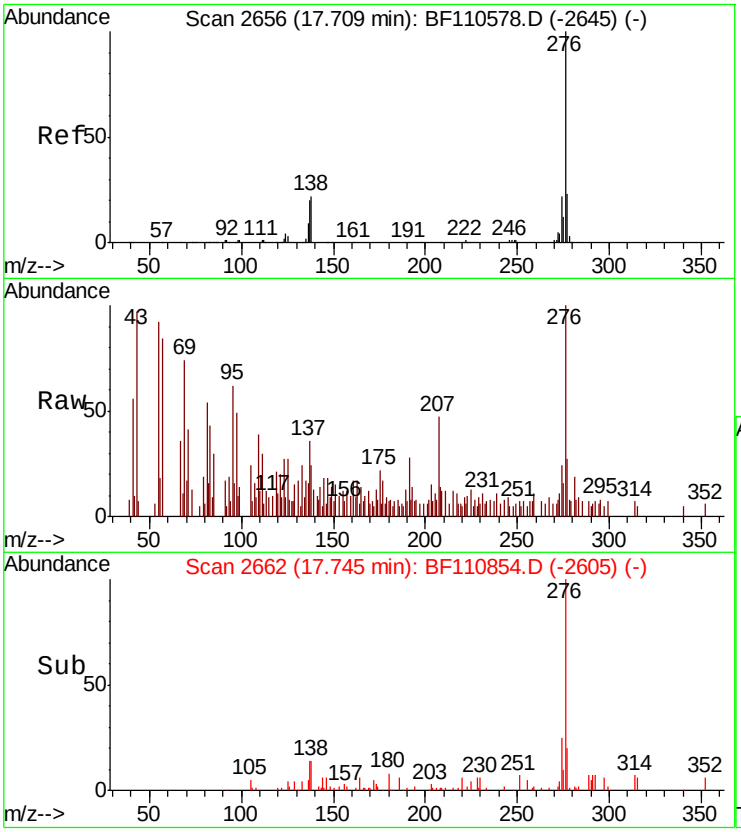


#90
Benzo(a)pyrene
Concen: 4.567 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Tgt Ion:252 Resp: 24877

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.2	27.4
125	21.8	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 2.992 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.04 min
Lab File: BF110854.D
Acq: 19 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 13683

Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.8	28.2
138	23.6	16.0	24.0