Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110812.D
Acq On : 16 Nov 2018 12:45
Operator : JU/SJ
Sample : J5767-09DL 4X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 13:56:31 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	70940	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	300414	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	145173	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	252657	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163844	20.00	ng	0.00
87) Perylene-d12	15.66	264	170681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	105048	24.05	ng	-0.01
7) Phenol-d6	6.56	99	134369	24.06	ng	-0.01
23) Nitrobenzene-d5	7.50	82	83887	16.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	26314	17.99	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	166291	16.36	ng	-0.01
79) Terphenyl-d14	13.06	244	127509	14.57	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.70	77	2725	Below Cal	#	73
25) Isophorone	7.50	82	83886	9.811	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	20239	8.493	ng	# 23
52) Acenaphthene	10.02	154	27395	3.085	ng	98
55) Dibenzofuran	10.19	168	32831	2.527	ng	99
57) 2,4-Dinitrotoluene	9.98	165	20240	6.533	ng	# 19
58) Fluorene	10.53	166	51567	5.168	ng	97
71) Phenanthrene	11.50	178	531535	39.268	ng	99
72) Anthracene	11.56	178	125056	9.159	ng	98
73) Carbazole	11.71	167	39012	2.975	ng	97
75) Fluoranthene	12.70	202	516292	38.044	ng	99
78) Pyrene	12.93	202	460412	36.495	ng	98
81) Benzo(a)anthracene	14.12	228	217746	22.235	ng	97
83) Chrysene	14.16	228	209196	22.422	ng	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	79262	11.839	ng	99
88) Benzo(b)fluoranthene	15.20	252	308958	30.258	ng	99
89) Benzo(k)fluoranthene	15.20	252	308958	30.622	ng	# 98
90) Benzo(a)pyrene	15.60	252	174686	18.830	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	17115	2.180	ng	97
92) Benzo(g,h,i)perylene	17.72	276	71384	9.164	ng	94

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Nov 2018 12:45
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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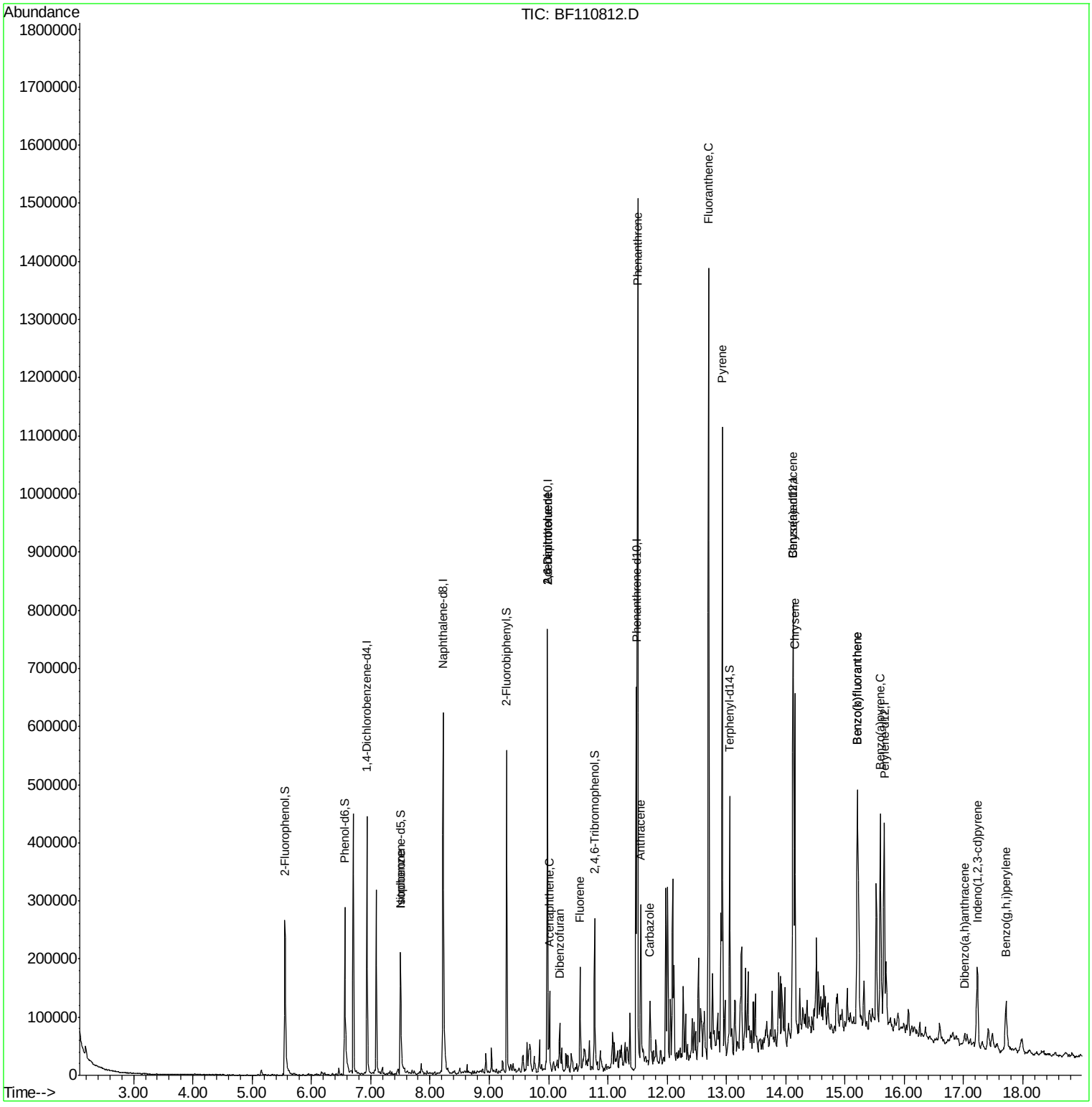
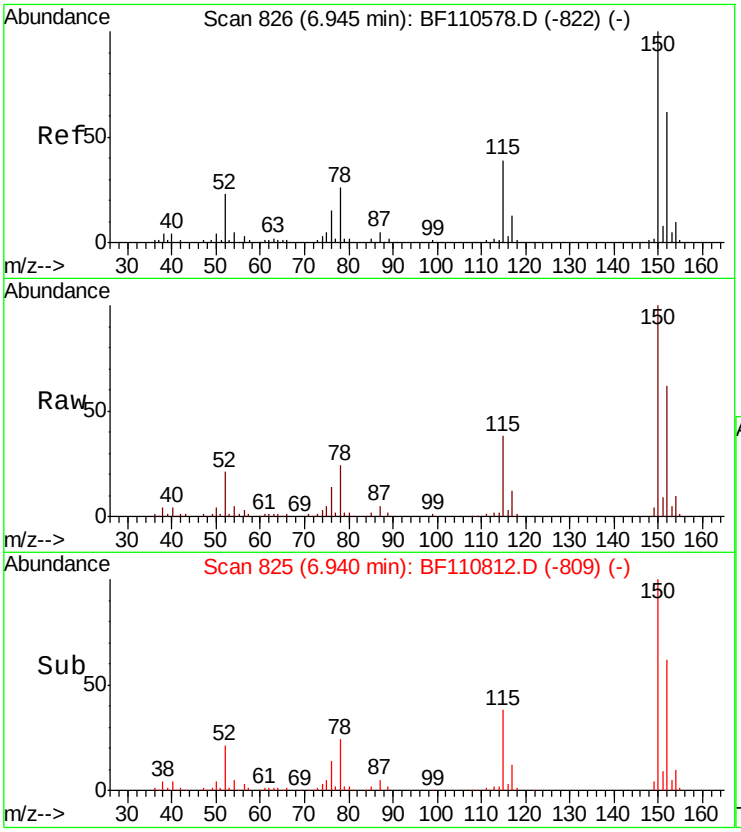


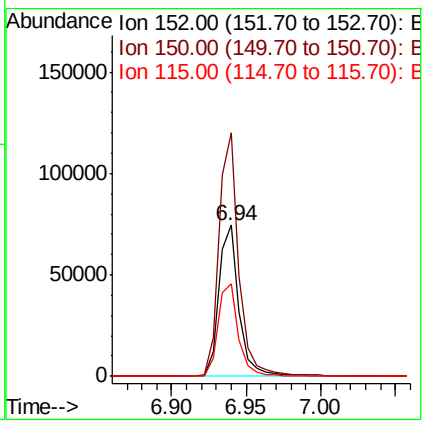


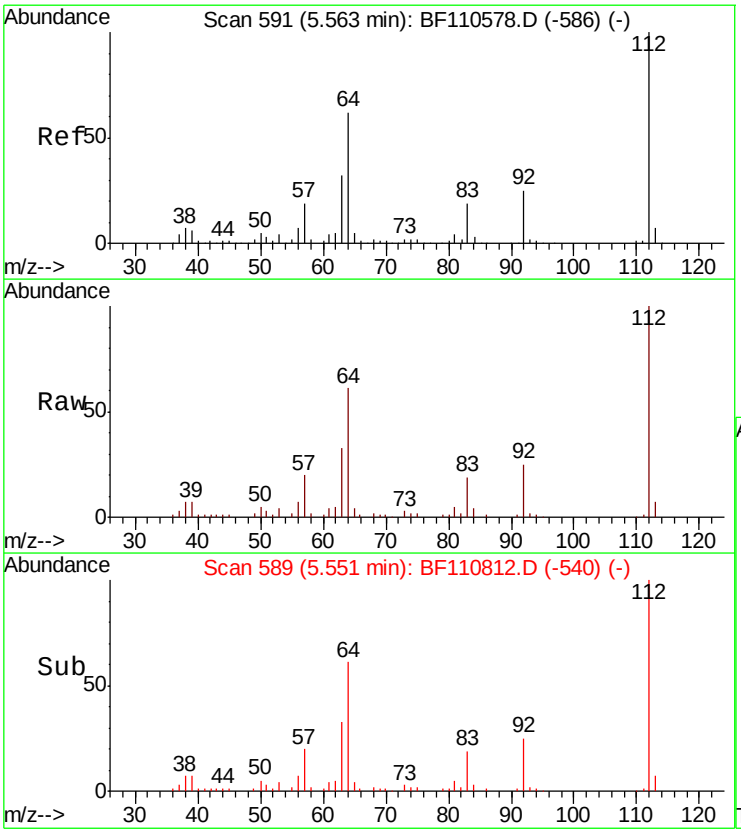
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 70940

Ion	Ratio	Lower	Upper
152	100		
150	161.4	122.7	184.1
115	61.7	49.1	73.7

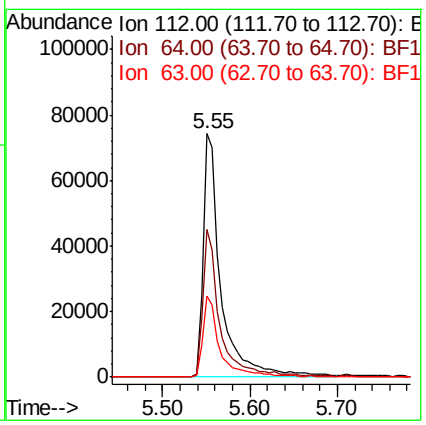


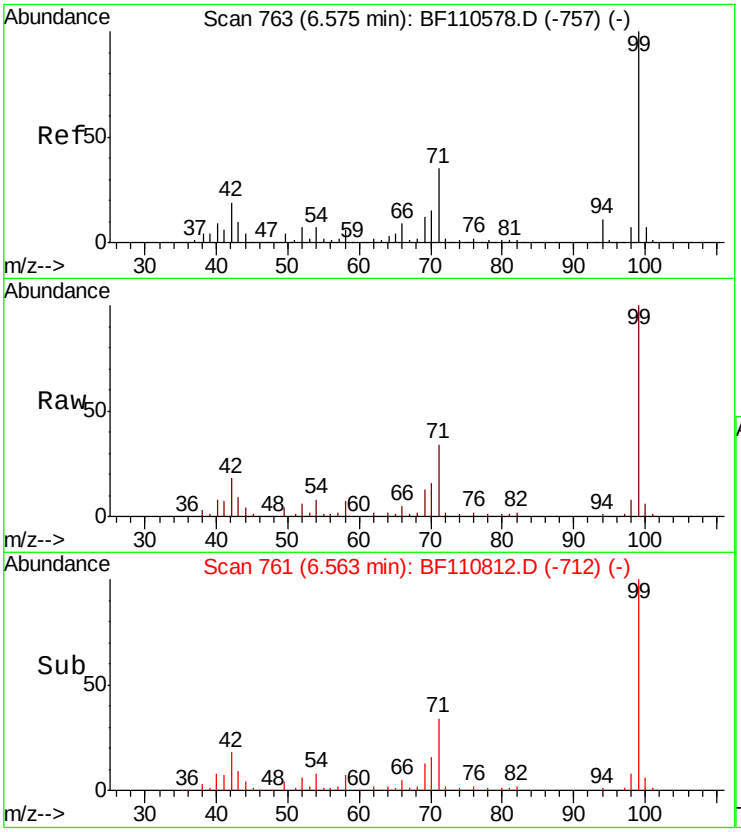


#5
2-Fluorophenol
Concen: 24.053 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:112 Resp: 105048

Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	33.5	23.7	35.5



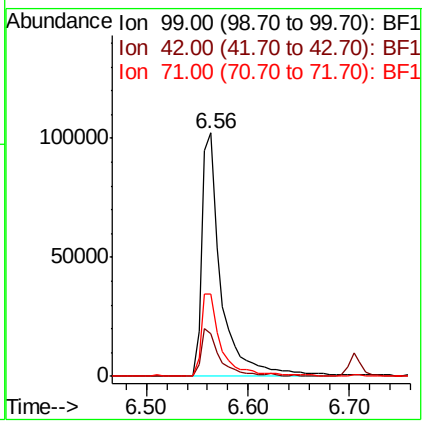


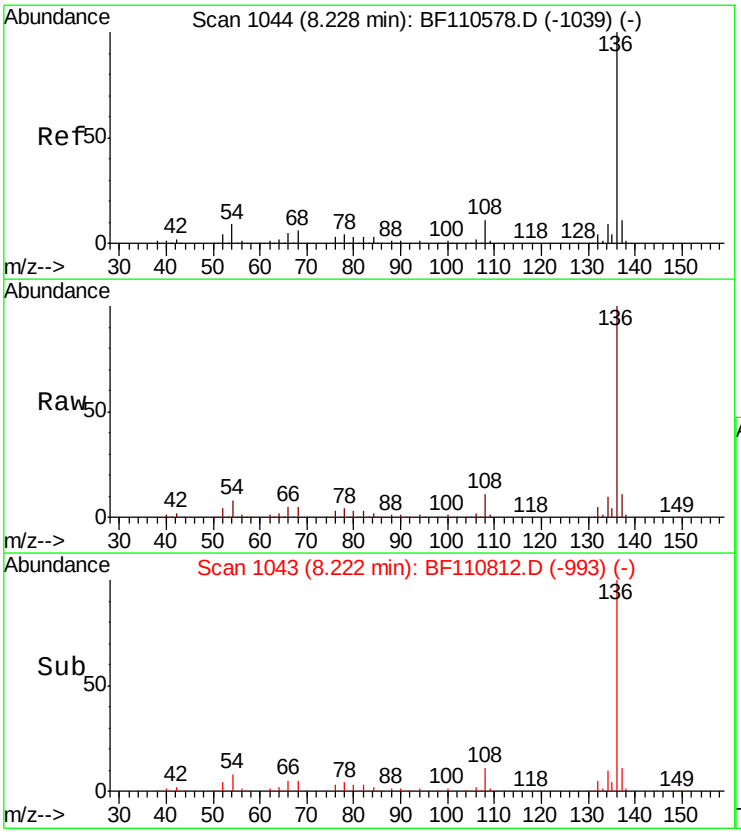
#7
Phenol-d6
Concen: 24.060 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 134369

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.8	23.6
71	33.9	28.0	42.0

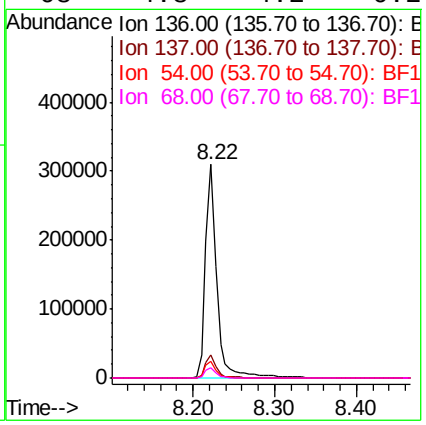


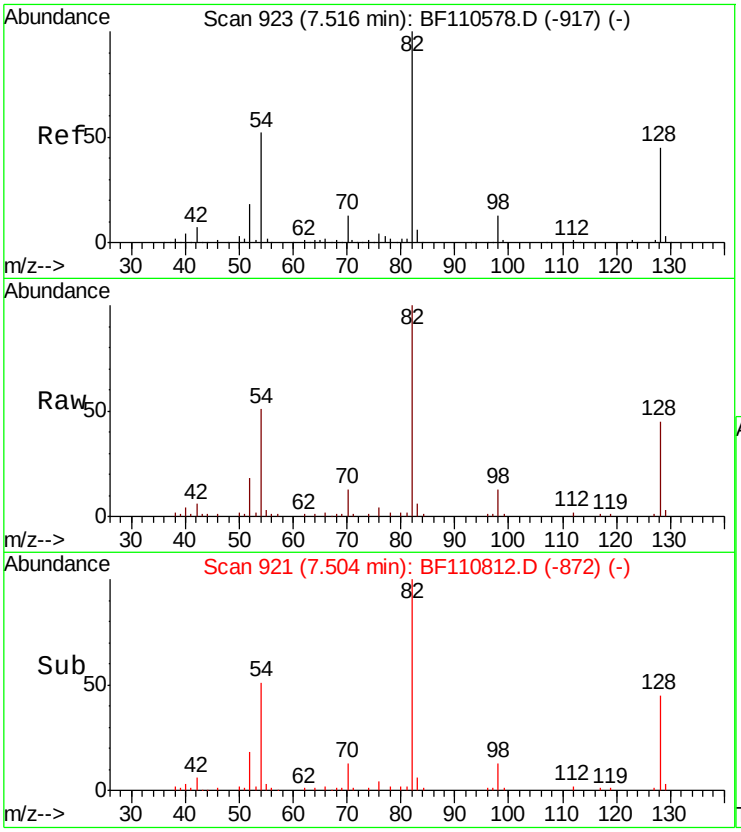


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:136 Resp: 300414

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	5.4	8.2
68	4.8	4.2	6.2



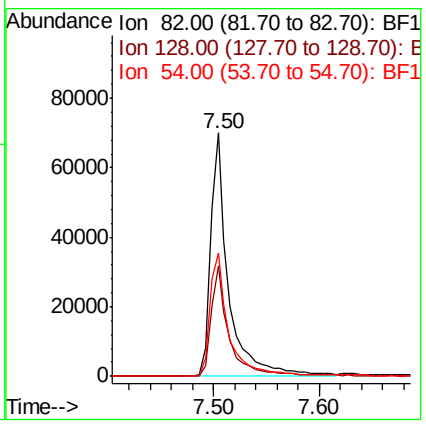


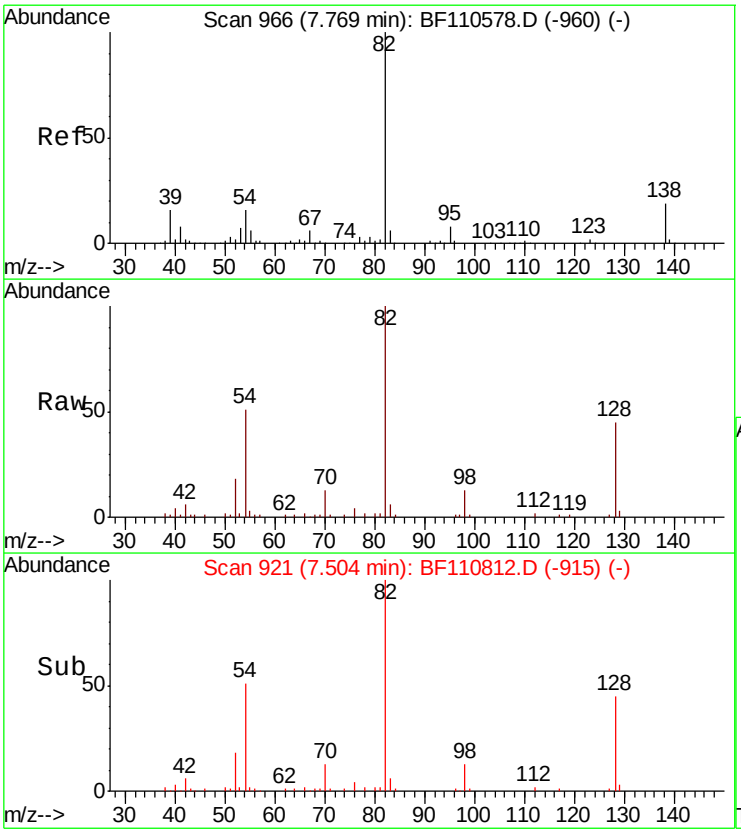
#23
Nitrobenzene-d5
Concen: 16.081 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 83887

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	50.6	38.6	58.0

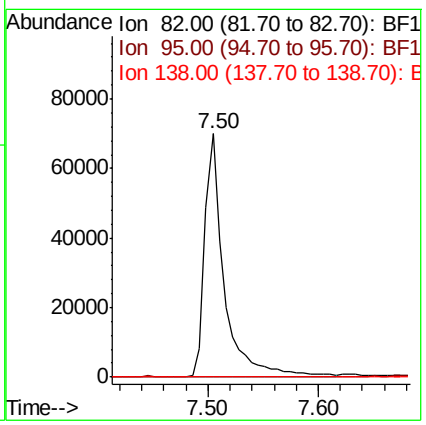


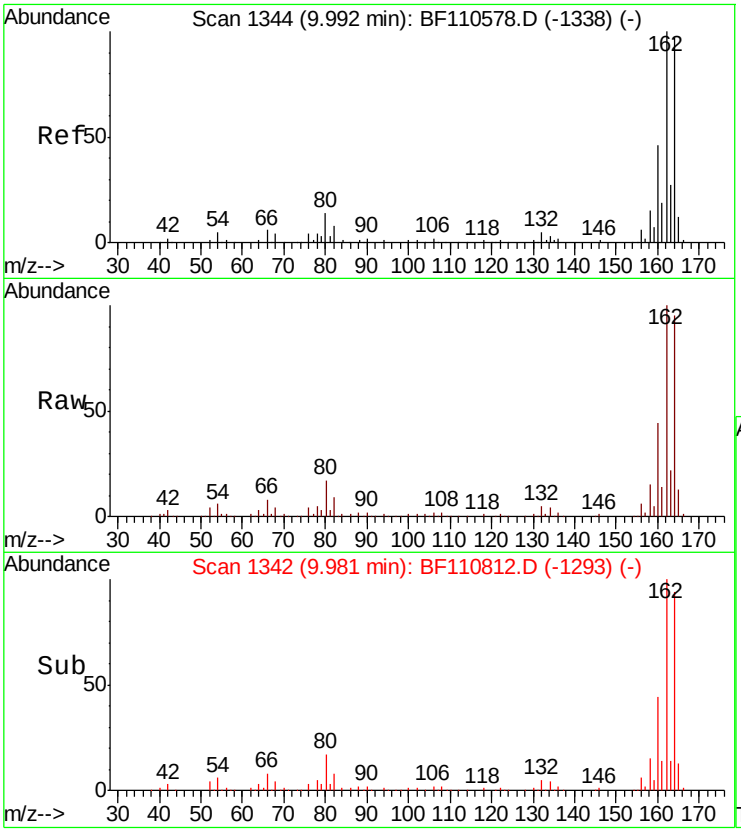


#25
Isophorone
Concen: 9.811 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion: 82 Resp: 83886

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



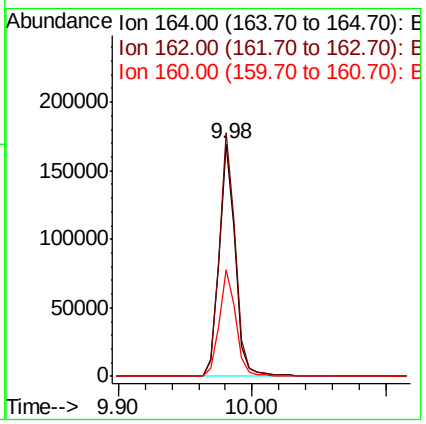


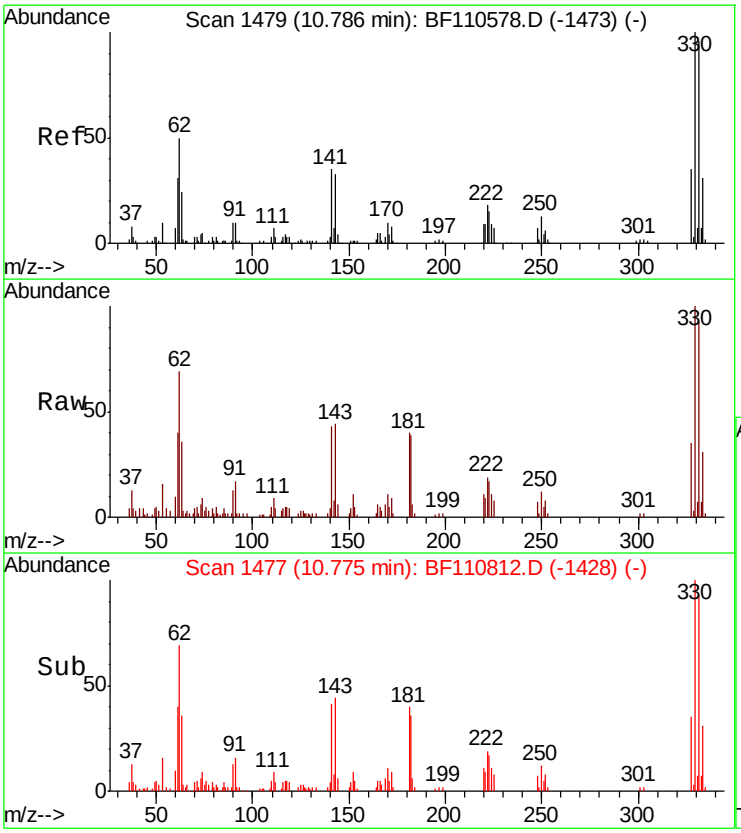
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 145173

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.6
160	45.8	37.0	55.6

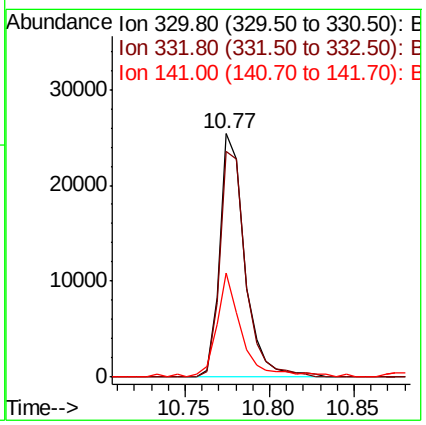


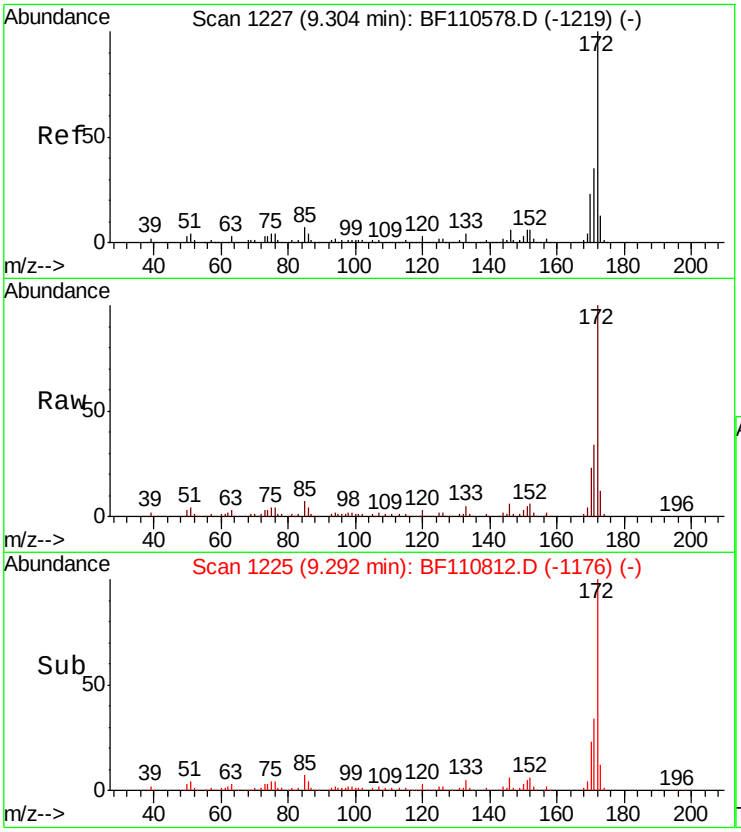


#42
2,4,6-Tribromophenol
Concen: 17.989 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:330 Resp: 26314

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	43.7	27.0	40.4#



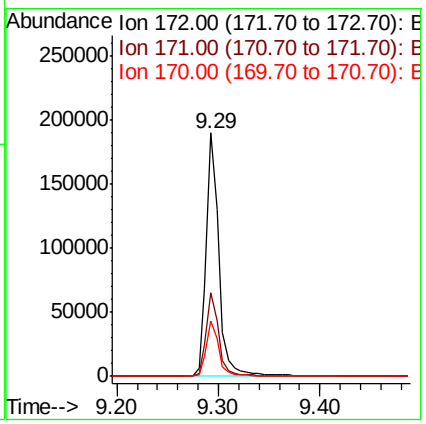


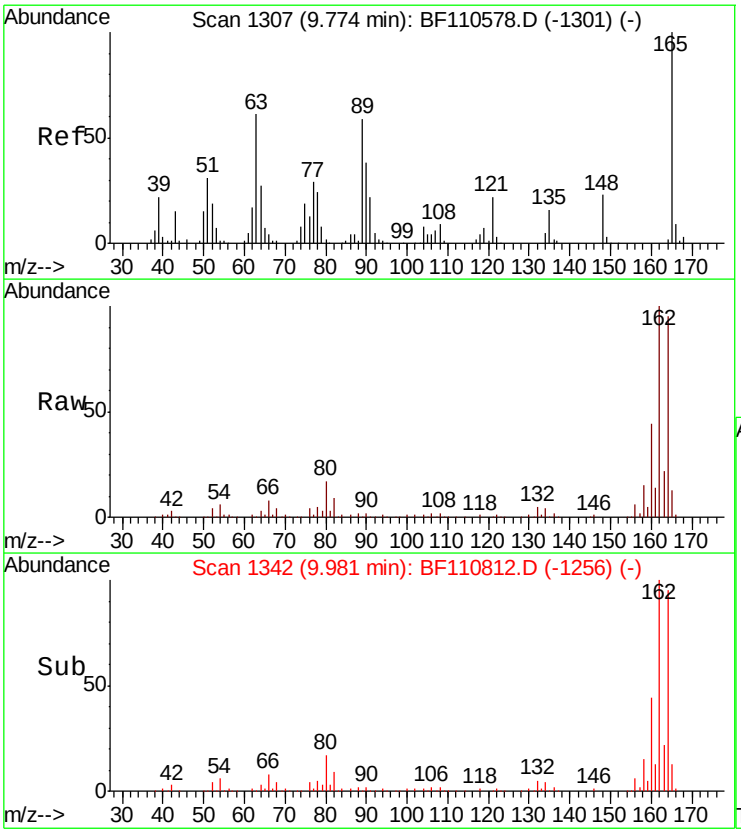
#45
2-Fluorobiphenyl
Concen: 16.359 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 166291

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	43.0
170	22.9	19.7	29.5

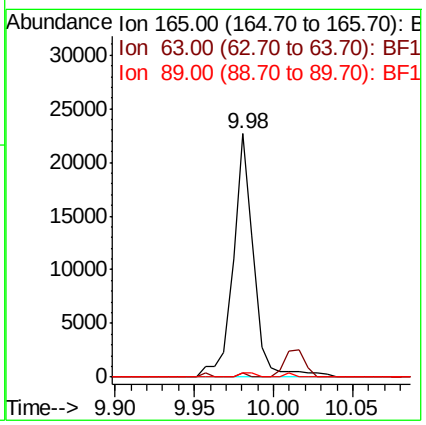


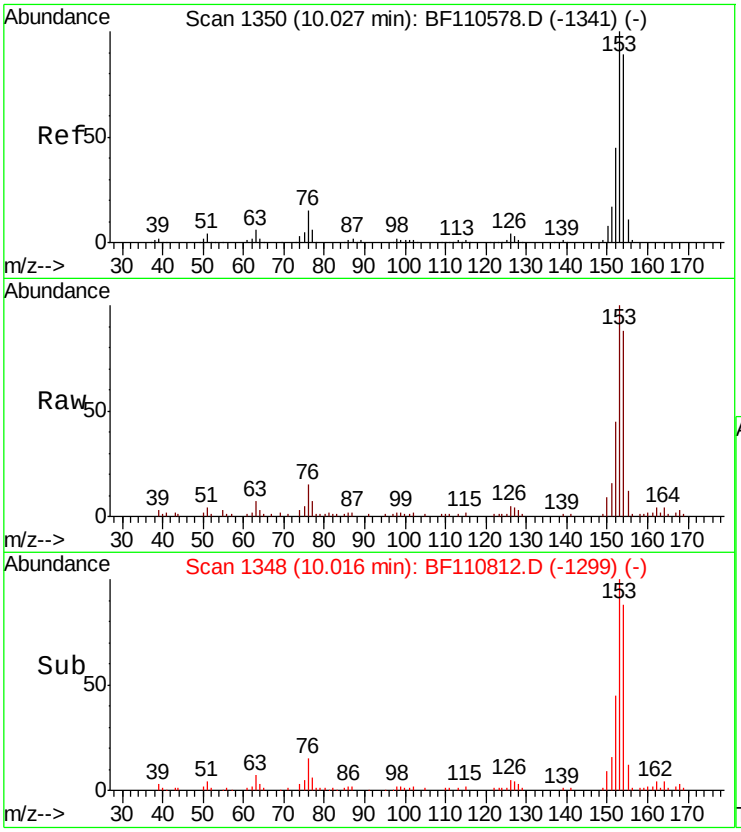


#51
2,6-Dinitrotoluene
Concen: 8.493 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:165 Resp: 20239

Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	1.7	46.6	69.8#



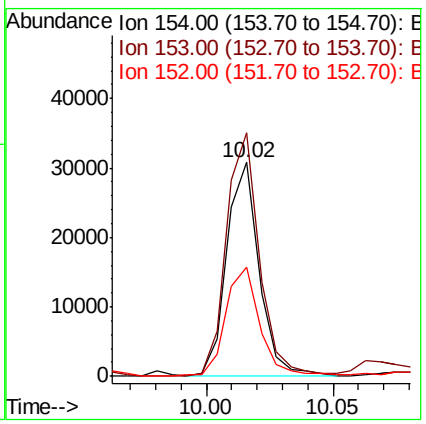


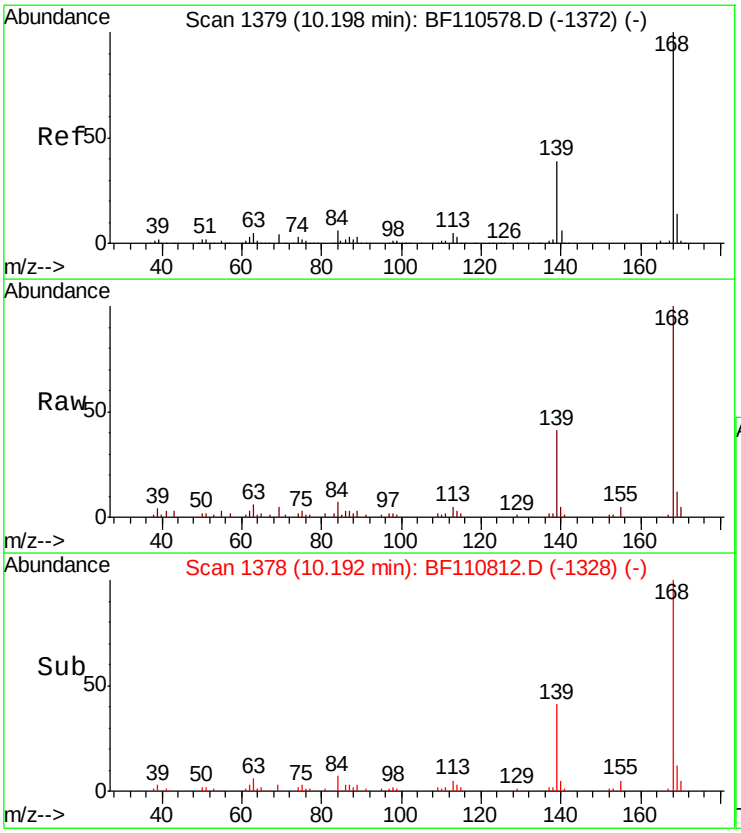
#52
Acenaphthene
Concen: 3.085 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 27395

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.1	135.1
152	51.3	43.4	65.2

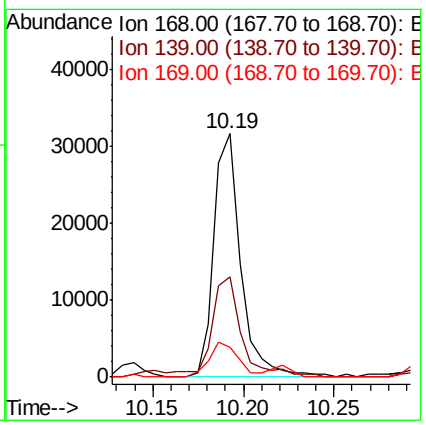


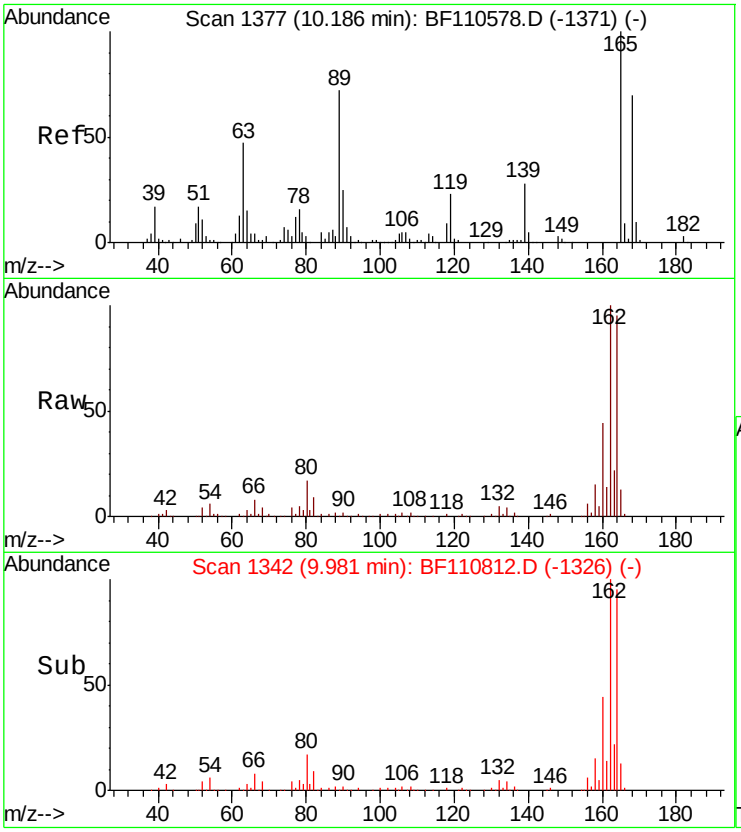


#55
Dibenzofuran
Concen: 2.527 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:168 Resp: 32831

Ion	Ratio	Lower	Upper
168	100		
139	41.0	33.0	49.6
169	12.3	11.3	16.9



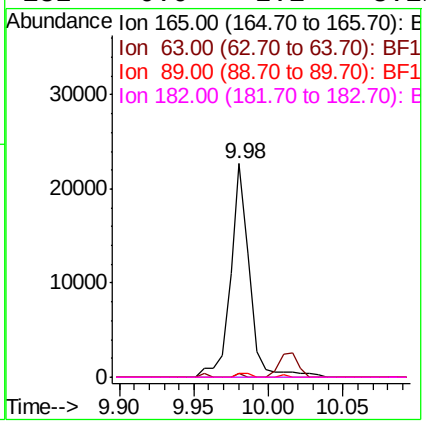


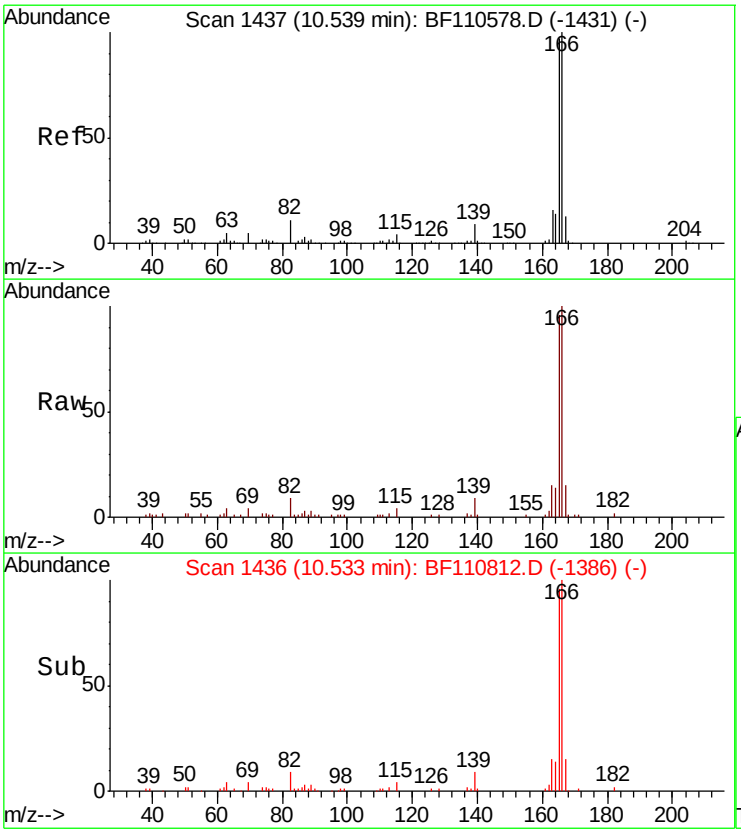
#57
2,4-Dinitrotoluene
Concen: 6.533 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20240

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

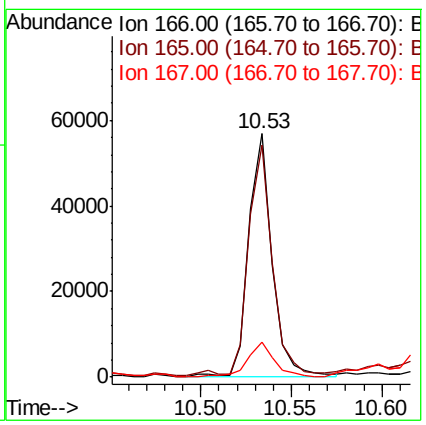


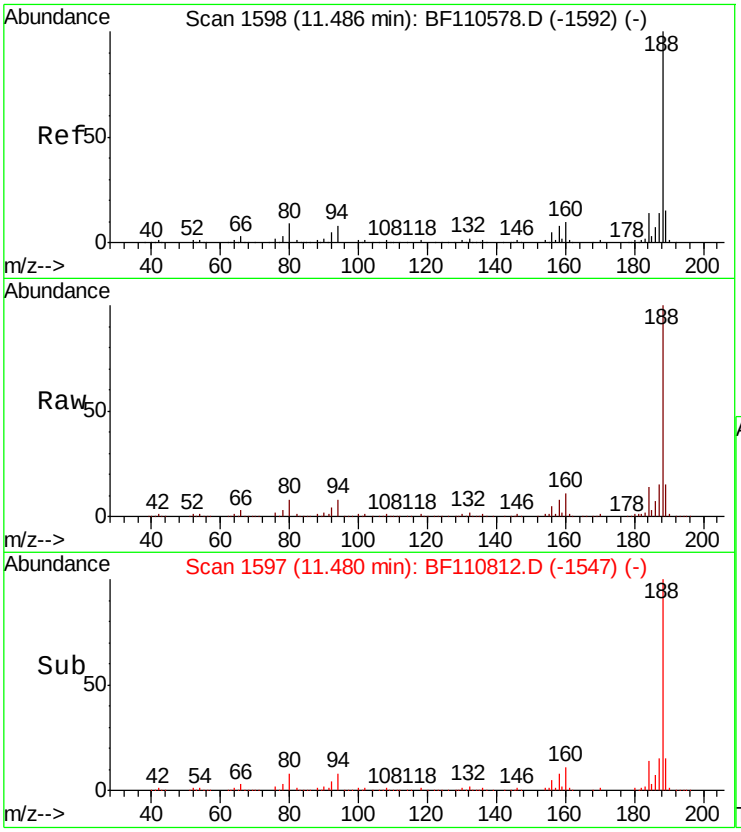


#58
Fluorene
Concen: 5.168 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:166 Resp: 51567

Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.6	117.8
167	14.5	10.8	16.2



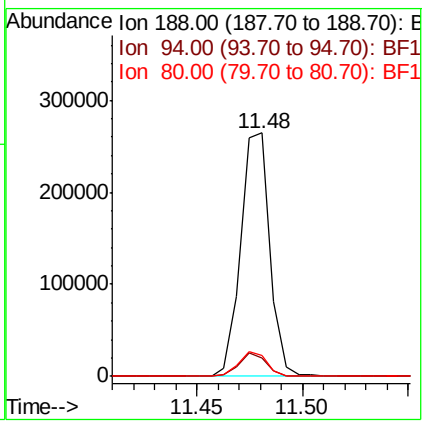


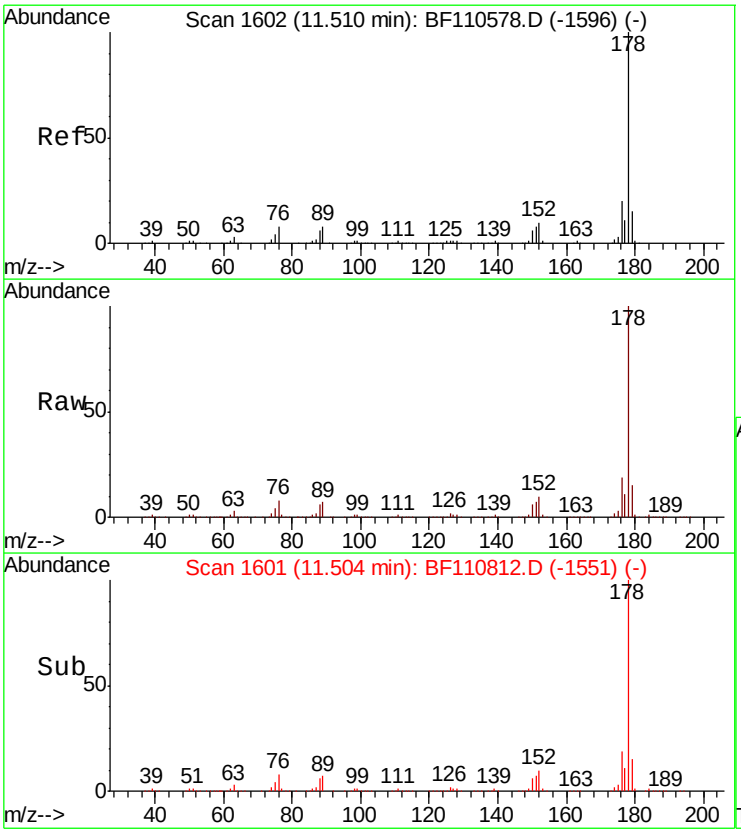
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 252657

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	8.5	7.9	11.9

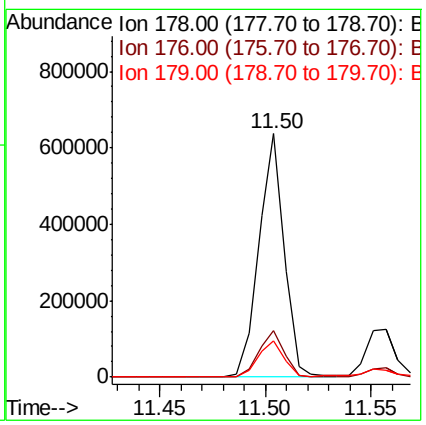


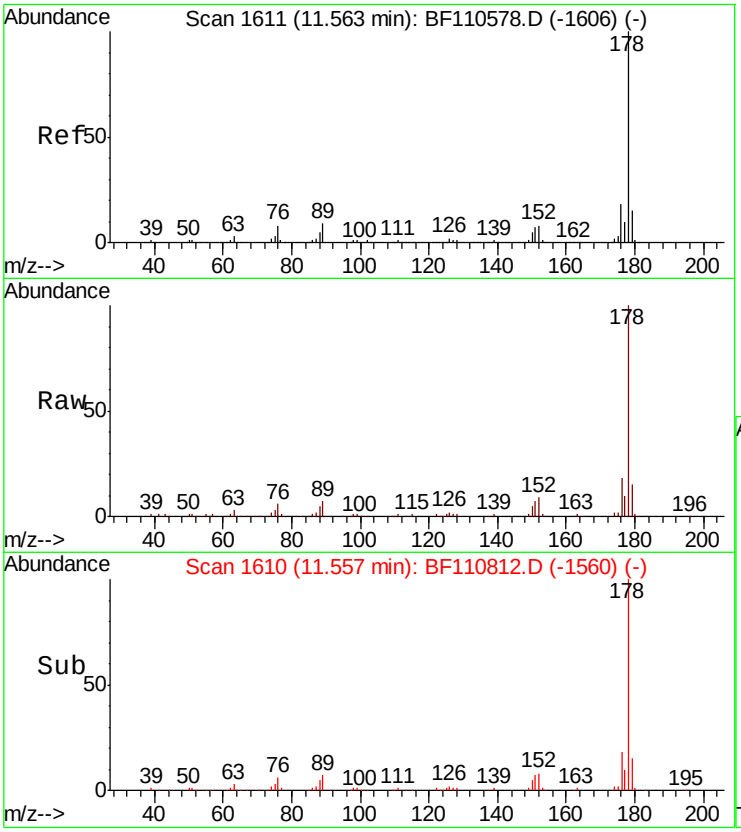


#71
Phenanthrene
Concen: 39.268 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:178 Resp: 531535

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.1	12.5	18.7



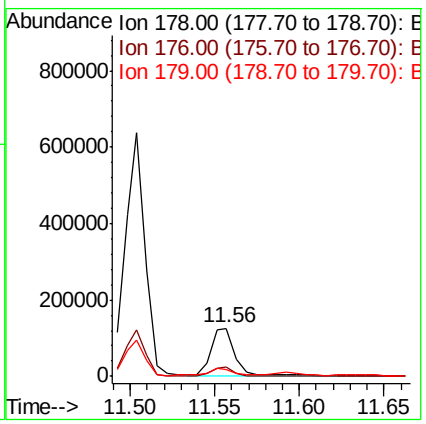


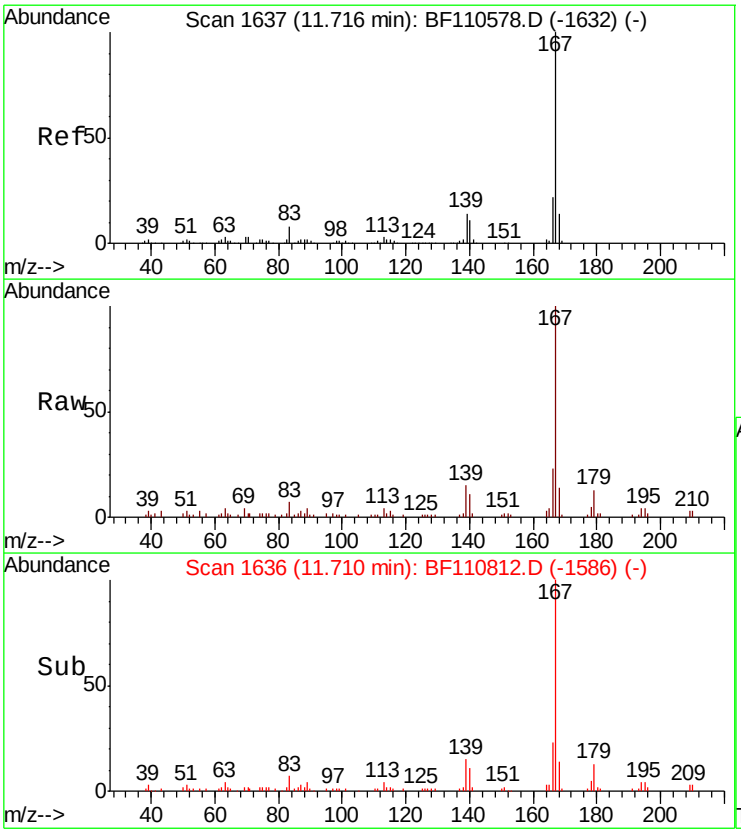
#72
Anthracene
Concen: 9.159 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 125056

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.6	18.8

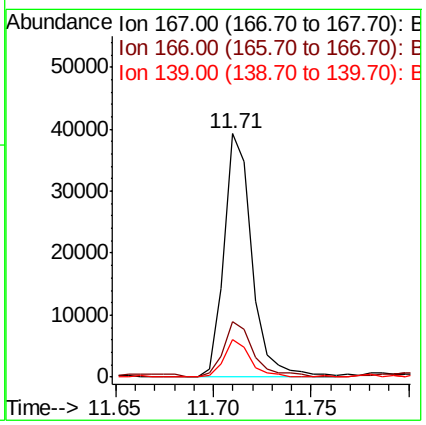


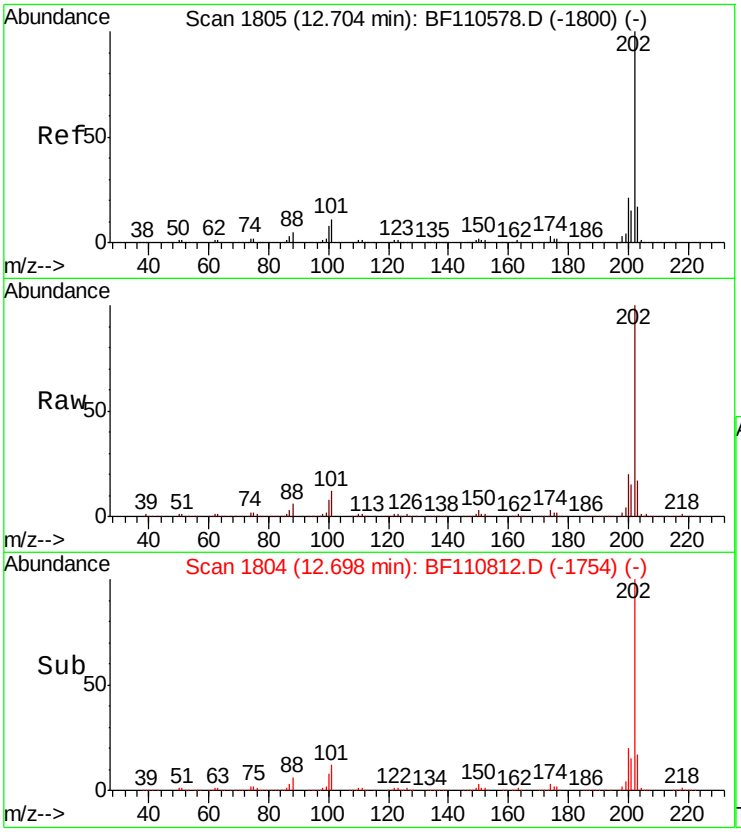


#73
Carbazole
Concen: 2.975 ng
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:167 Resp: 39012

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.4	26.0
139	15.4	10.9	16.3



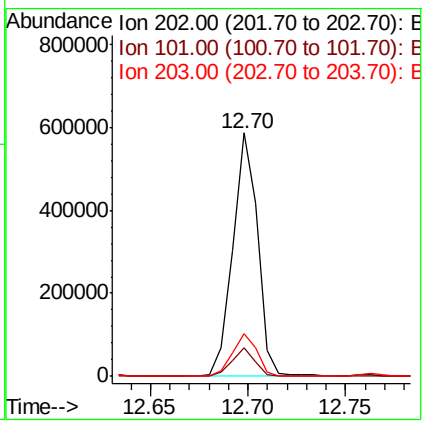


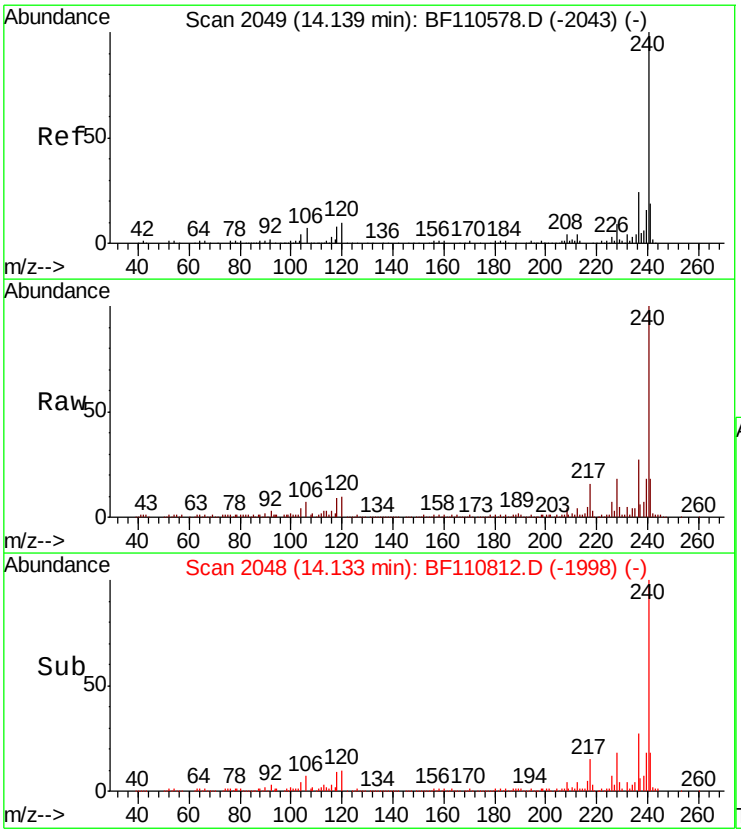
#75
Fluoranthene
Concen: 38.044 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 516292

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.4	0.0	37.7

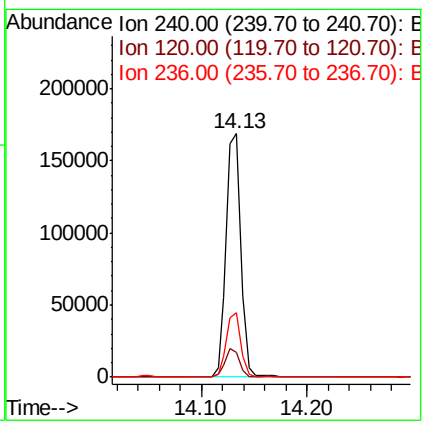


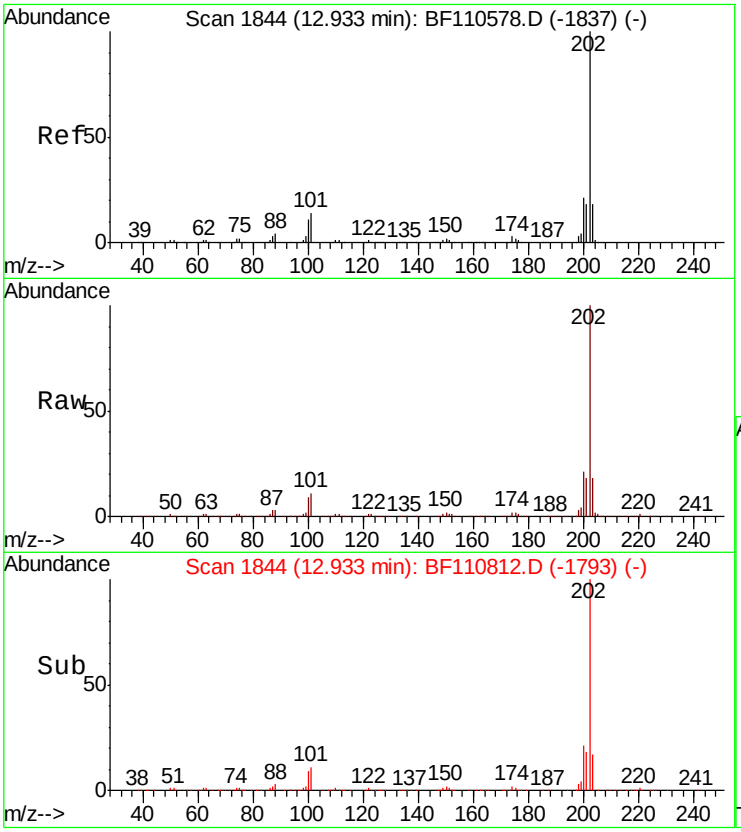


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:240 Resp: 163844

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	26.7	21.2	31.8



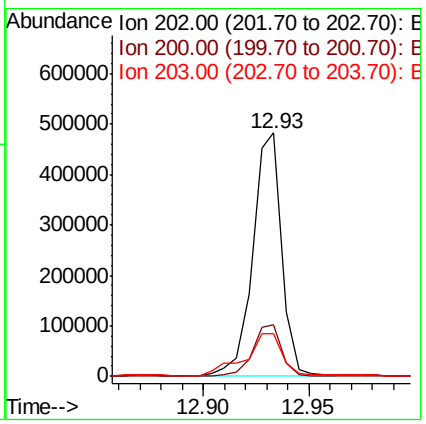


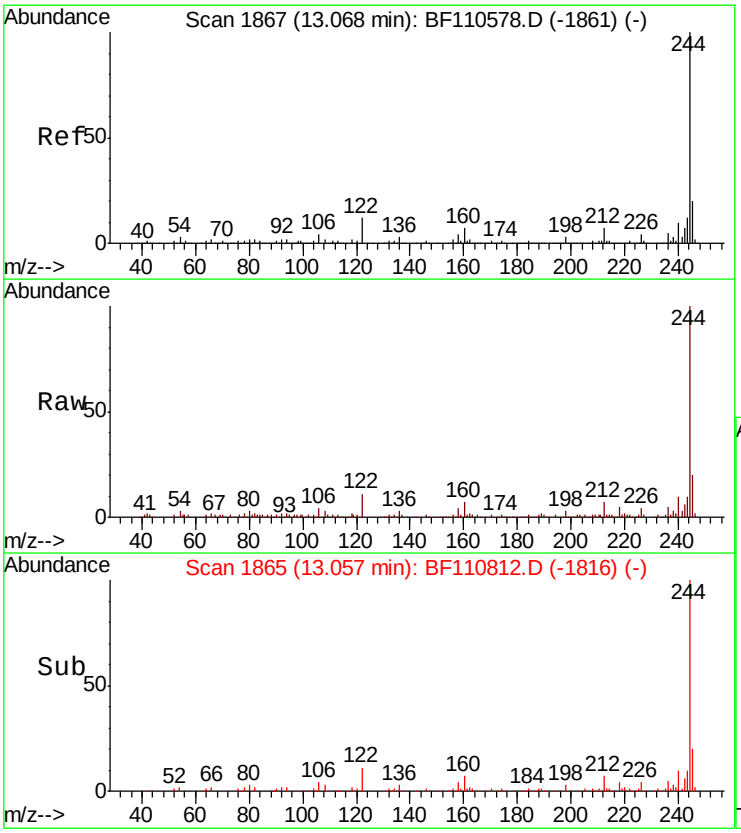
#78
Pyrene
Concen: 36.495 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 460412

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.6	14.2	21.4

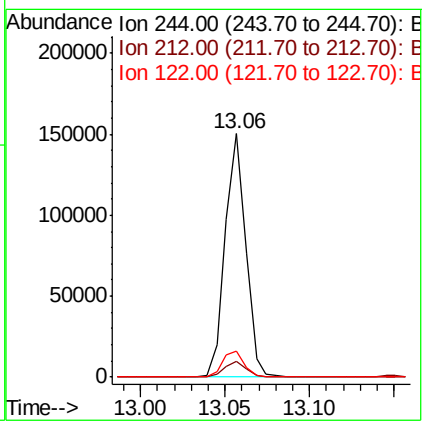


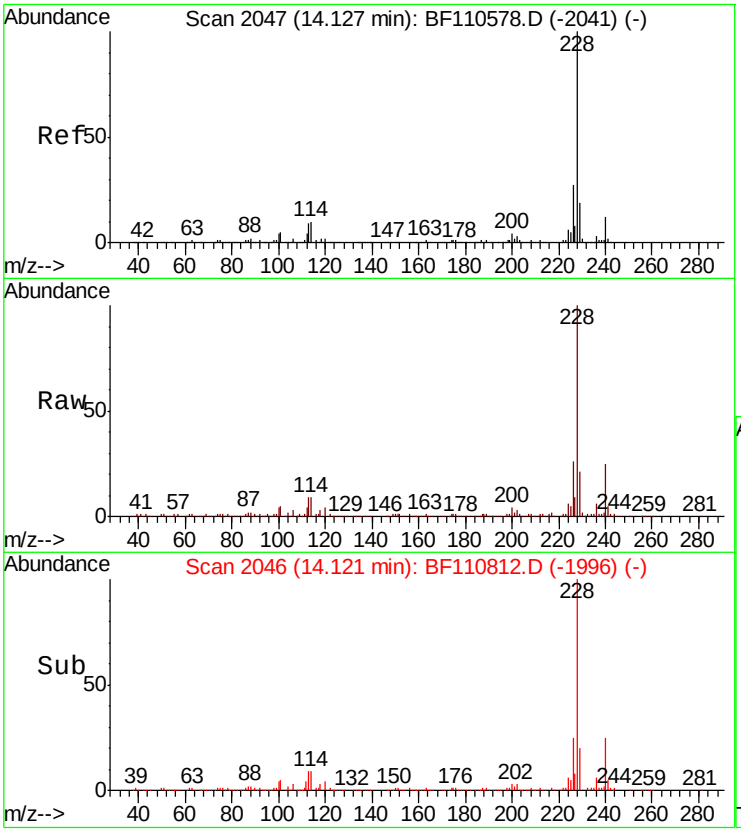


#79
Terphenyl-d14
Concen: 14.574 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:244 Resp: 127509

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.6	8.7	13.1



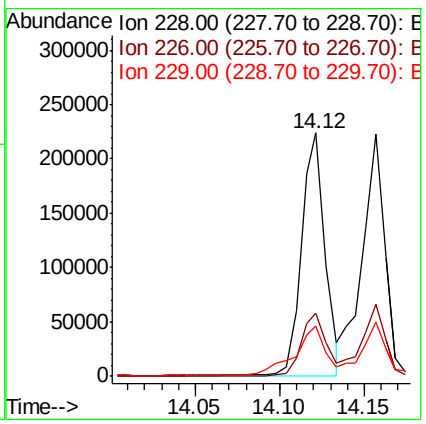


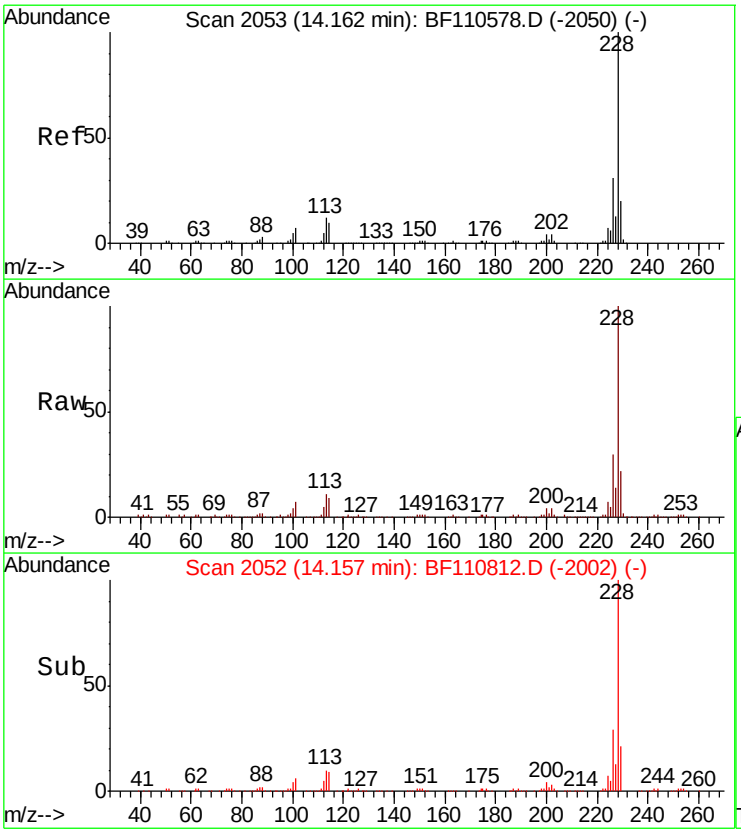
#81
Benzo(a)anthracene
Concen: 22.235 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 217746

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.1	33.1
229	20.7	15.6	23.4

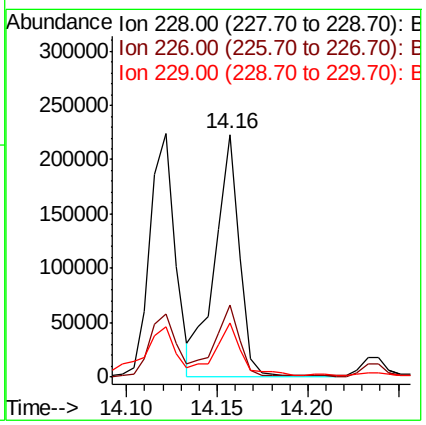


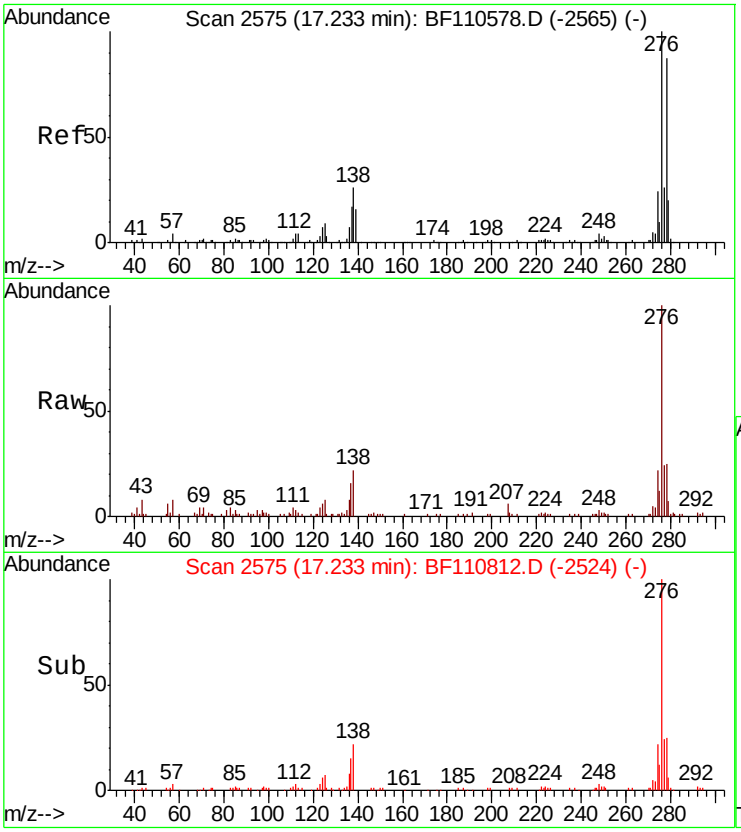


#83
Chrysene
Concen: 22.422 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:228 Resp: 209196

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	22.2	15.9	23.9



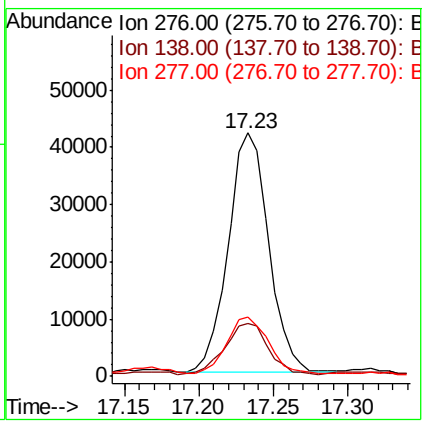


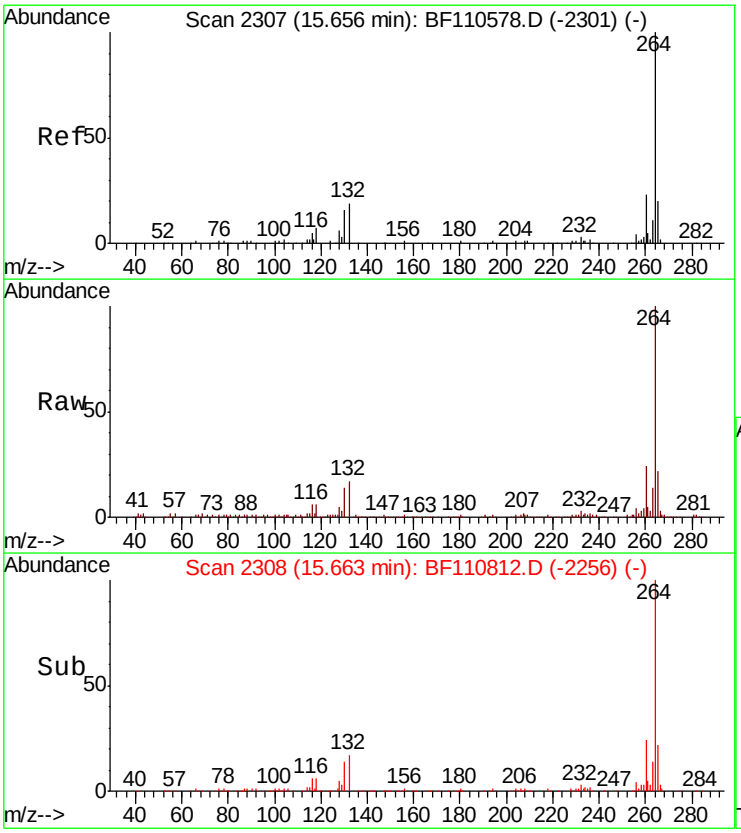
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.839 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 79262

Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.5	27.7
277	24.4	20.0	30.0

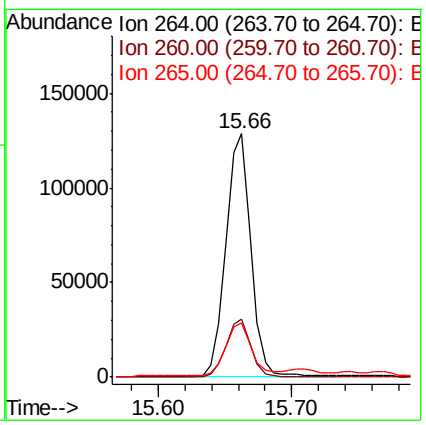


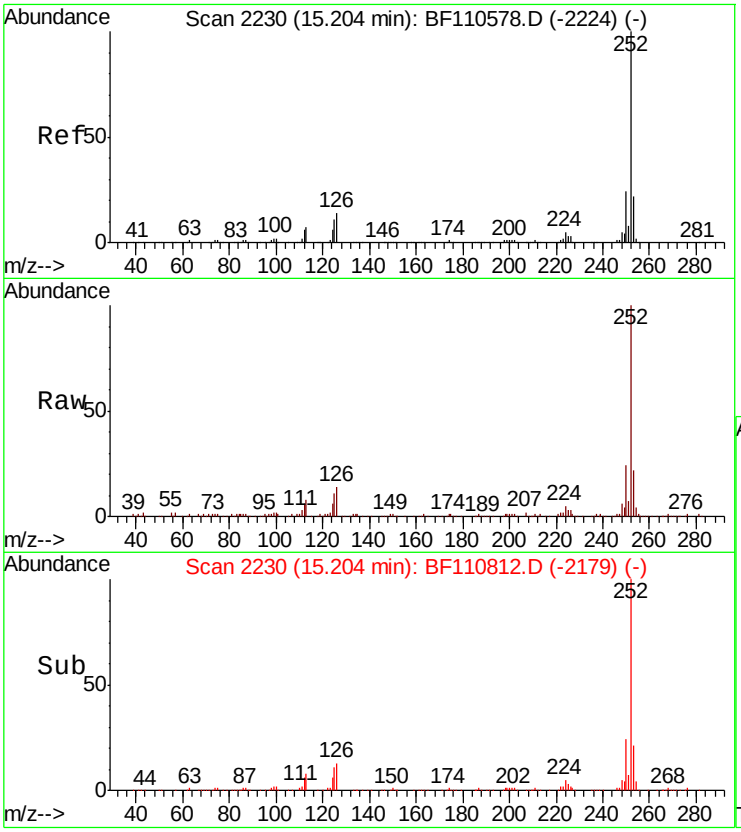


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:264 Resp: 170681

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.4	16.7	25.1



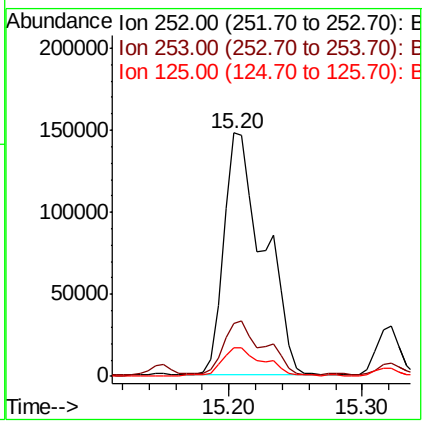


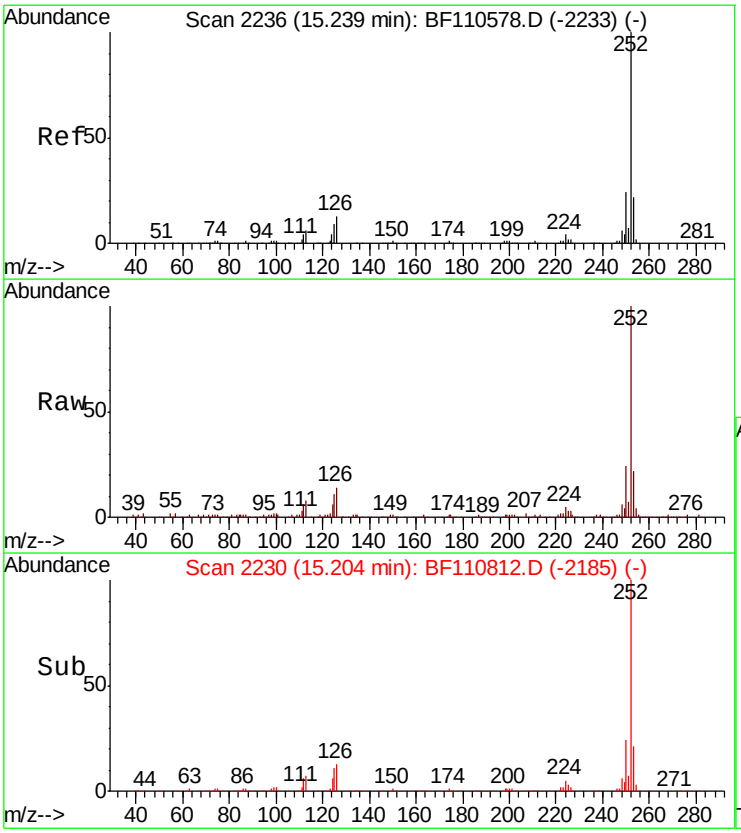
#88
Benzo(b)fluoranthene
Concen: 30.258 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 308958

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.5	8.2	12.4

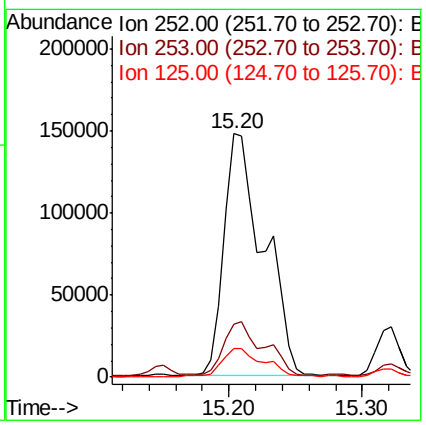


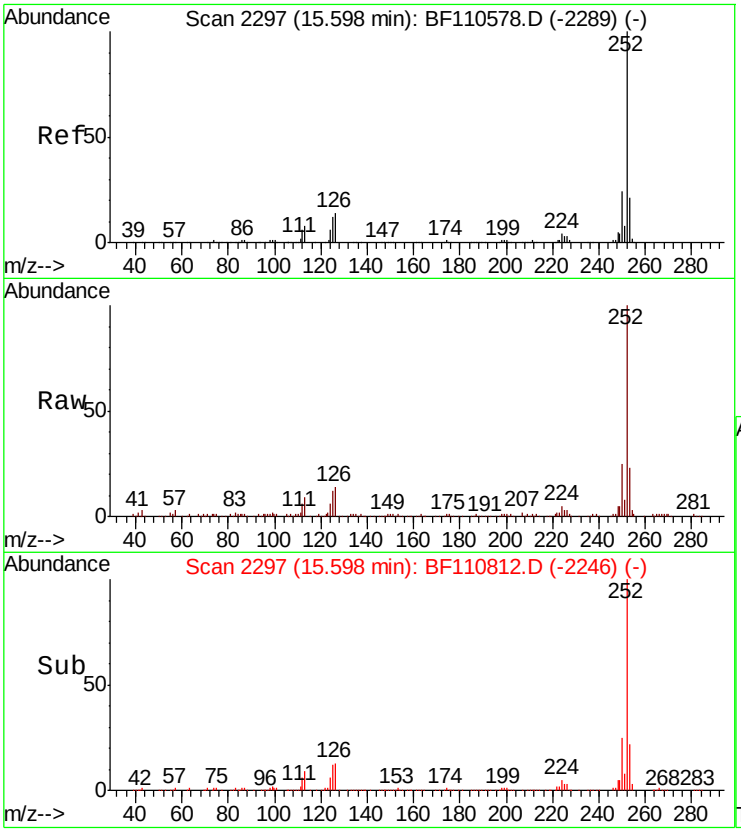


#89
Benzo(k)fluoranthene
Concen: 30.622 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:252 Resp: 308958

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.5	7.4	11.0#



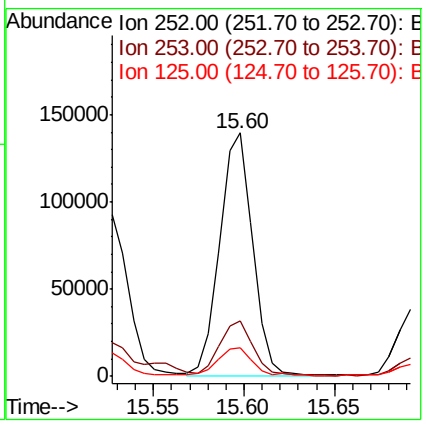


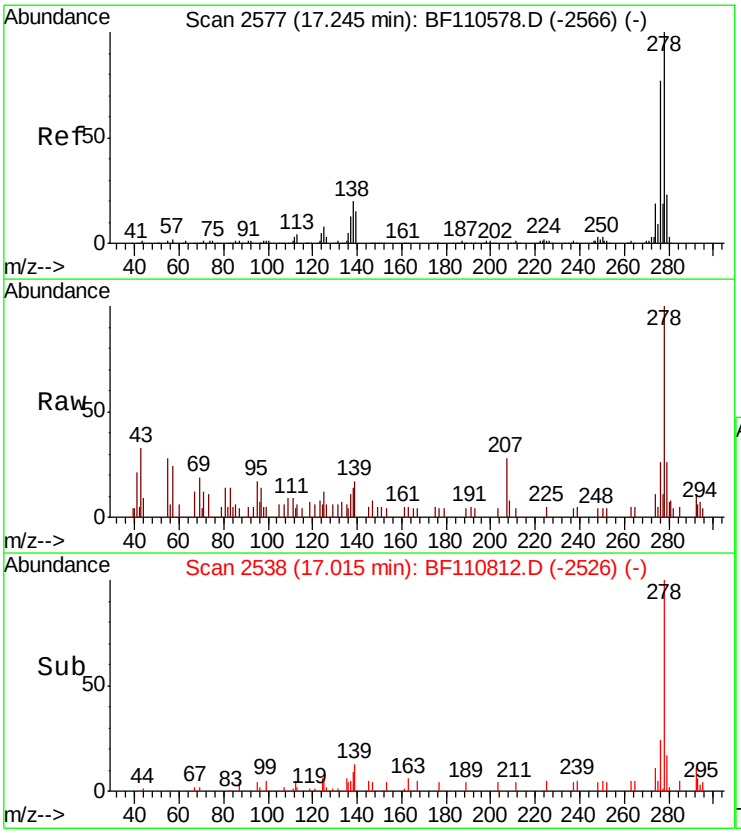
#90
Benzo(a)pyrene
Concen: 18.830 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 174686

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	11.8	9.0	13.6

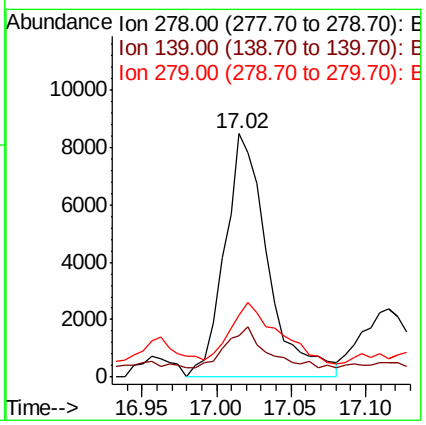


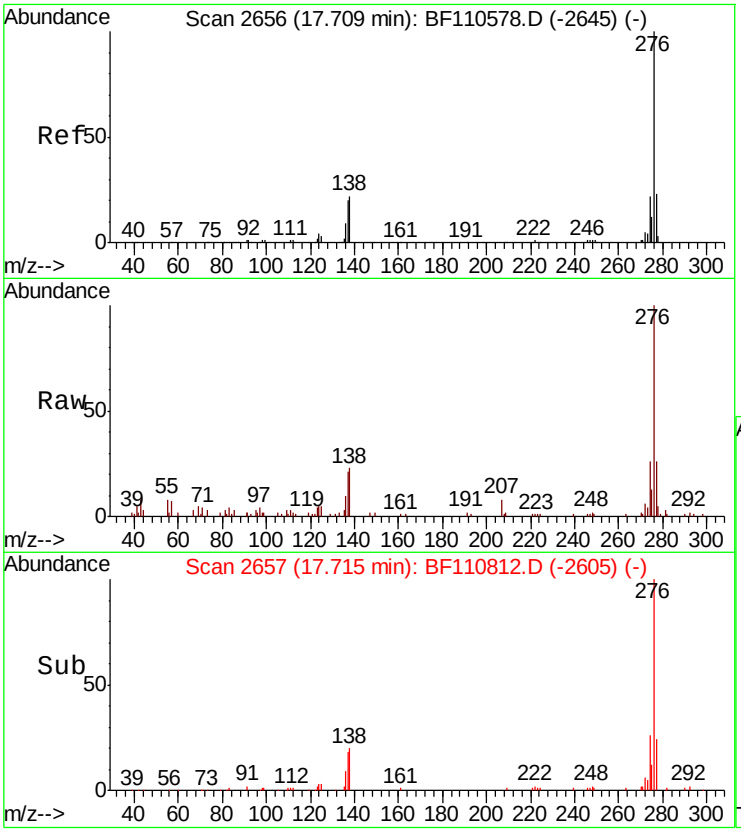


#91
Dibenzo(a,h)anthracene
Concen: 2.180 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.23 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Tgt Ion:278 Resp: 17115

Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	25.6	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 9.164 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110812.D
Acq: 16 Nov 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 71384

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.8	28.2
138	23.0	16.0	24.0