Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111000.D
Acq On : 27 Nov 2018 10:53
Operator : JU/SJ
Sample : J6028-04RE 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 27 12:56:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 06:43:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56499	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	210282	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	79738	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	135737	20.00	ng		0.00
76) Chrysene-d12	14.13	240	134572	20.00	ng		0.00
87) Perylene-d12	15.67	264	91491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	230799	67.74	ng		0.00
7) Phenol-d6	6.56	99	280218	63.11	ng		0.00
23) Nitrobenzene-d5	7.50	82	173221	47.14	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	47596	60.10	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	247924	45.05	ng		0.00
79) Terphenyl-d14	13.06	244	209102	30.25	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	405	Below Cal		#	1
10) Phenol	6.58	94	13658	2.732	ng		91
19) n-Nitroso-di-n-propylamine	7.50	70	23387	8.086	ng	#	84
25) Isophorone	7.50	82	173221	28.740	ng	#	67
50) Dimethylphthalate	9.69	163	11908	2.036	ng		98
51) 2,6-Dinitrotoluene	9.98	165	10203	7.837	ng	#	21
56) 4-Nitrophenol	10.20	139	2610	7.168	ng	#	6
57) 2,4-Dinitrotoluene	9.98	165	10203	6.041	ng	#	17
71) Phenanthrene	11.50	178	155515	21.632	ng		99
72) Anthracene	11.56	178	49101	6.707	ng		97
75) Fluoranthene	12.70	202	293502	39.723	ng		99
78) Pyrene	12.93	202	248832	25.317	ng		98
81) Benzo(a)anthracene	14.13	228	122333	15.398	ng		98
83) Chrysene	14.16	228	103415	13.223	ng		97
86) Indeno(1,2,3-cd)pyrene	17.28	276	36277	6.462	ng		96
88) Benzo(b)fluoranthene	15.22	252	133279	24.797	ng	#	95
89) Benzo(k)fluoranthene	15.22	252	133279	24.092	ng	#	94
90) Benzo(a)pyrene	15.62	252	66616	13.315	ng		96
91) Dibenzo(a,h)anthracene	17.27	278	9008	2.182	ng	#	69
92) Benzo(g,h,i)perylene	17.77	276	32632	8.199	ng	#	91

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

Quantitation Report (Not Reviewed)

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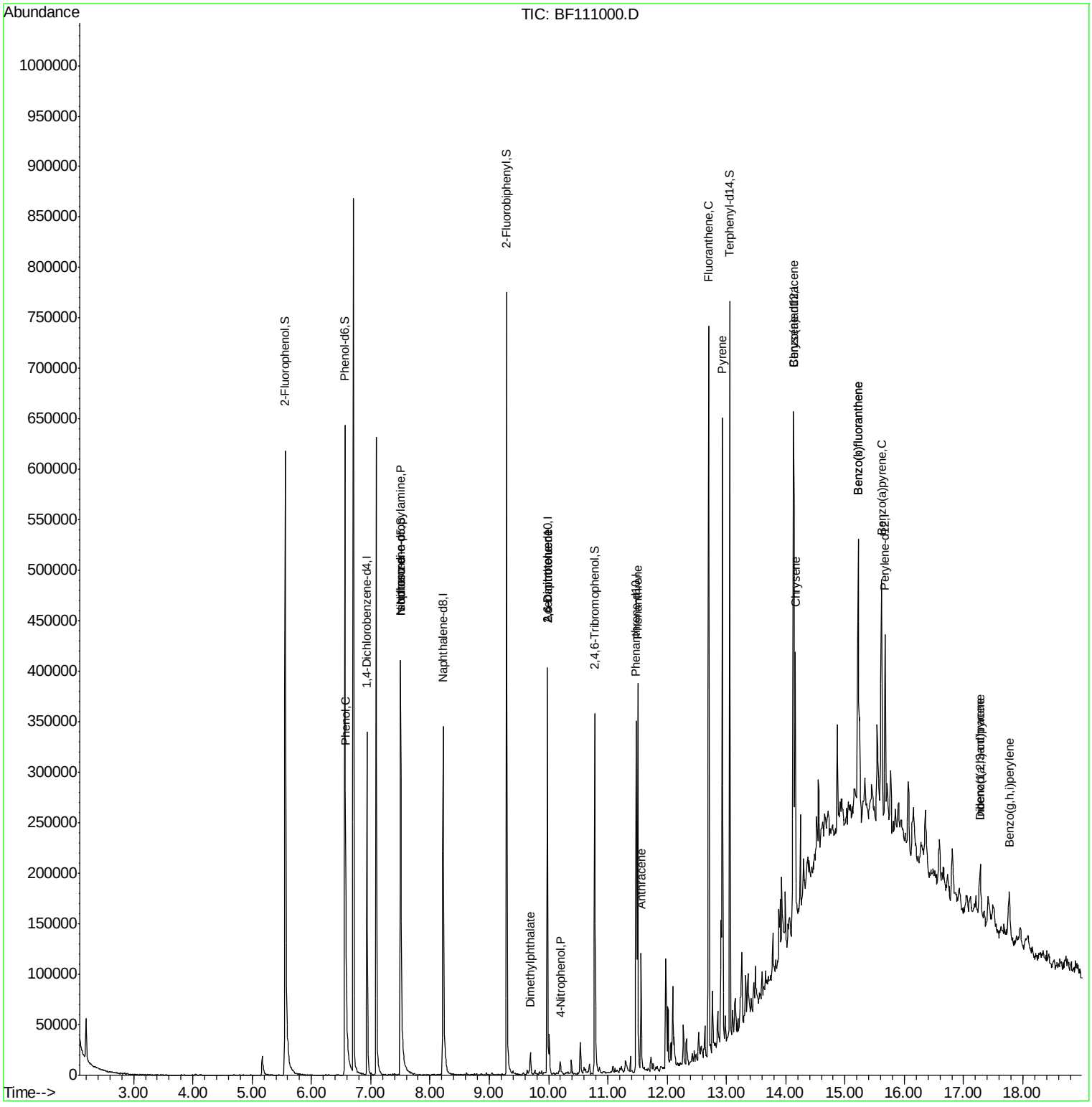
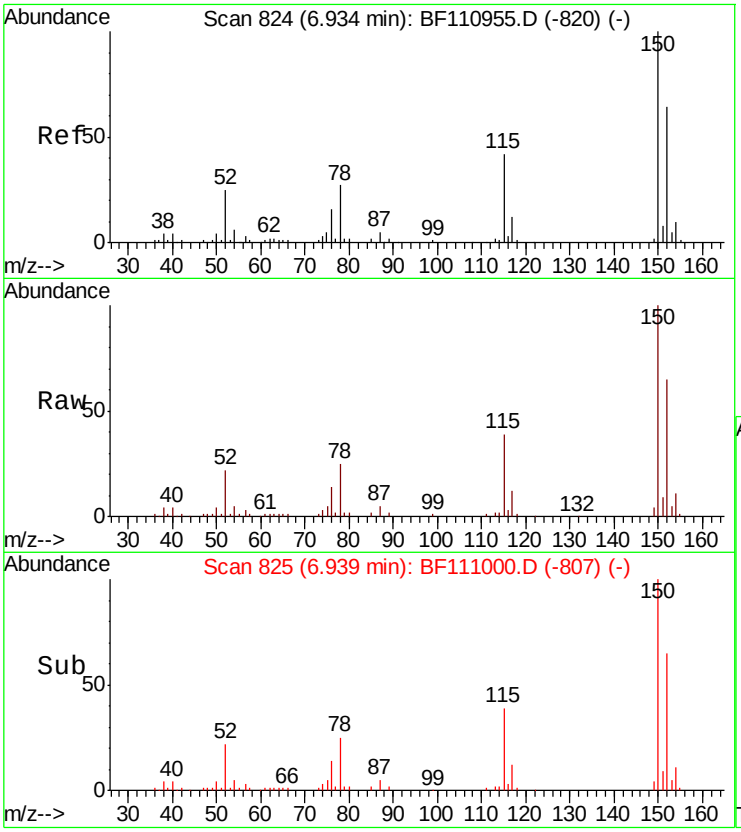
Sample : J6028-04RE 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 27 12:56:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 06:43:50 2018
Response via : Initial Calibration



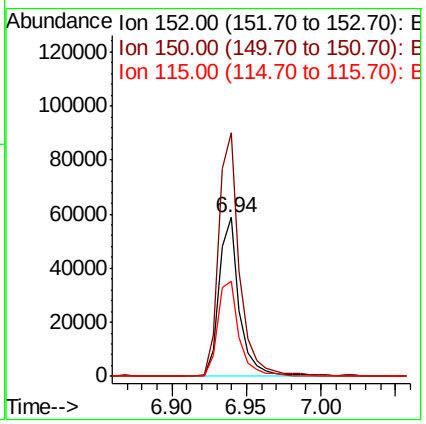


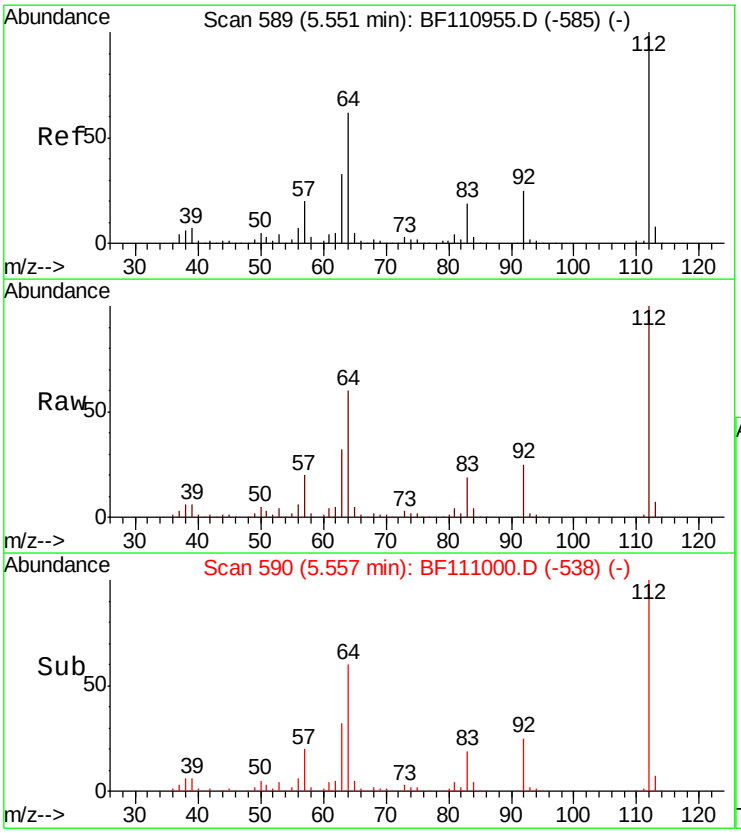
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 56499

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.7	184.1
115	59.8	49.1	73.7

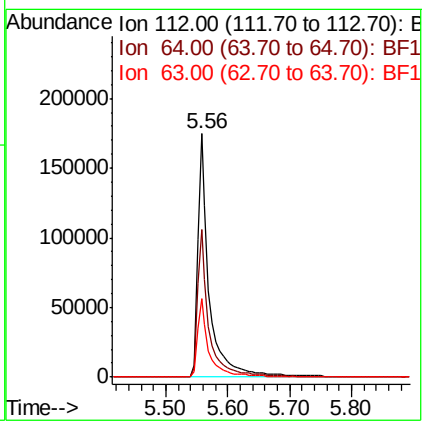


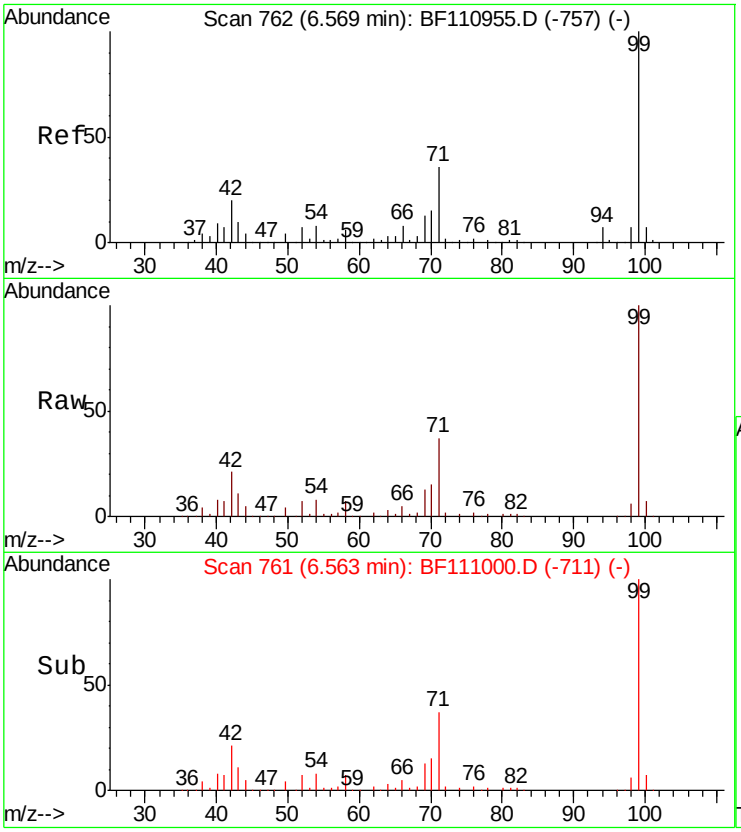


#5
2-Fluorophenol
Concen: 67.742 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:112 Resp: 230799

Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	32.4	23.7	35.5



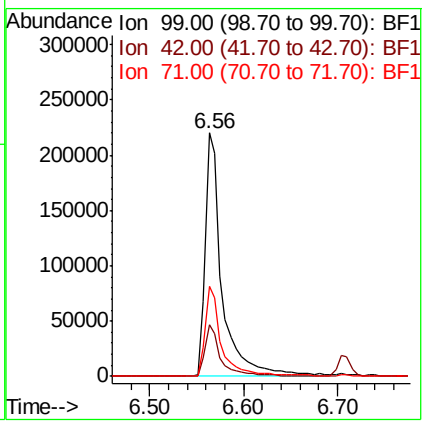


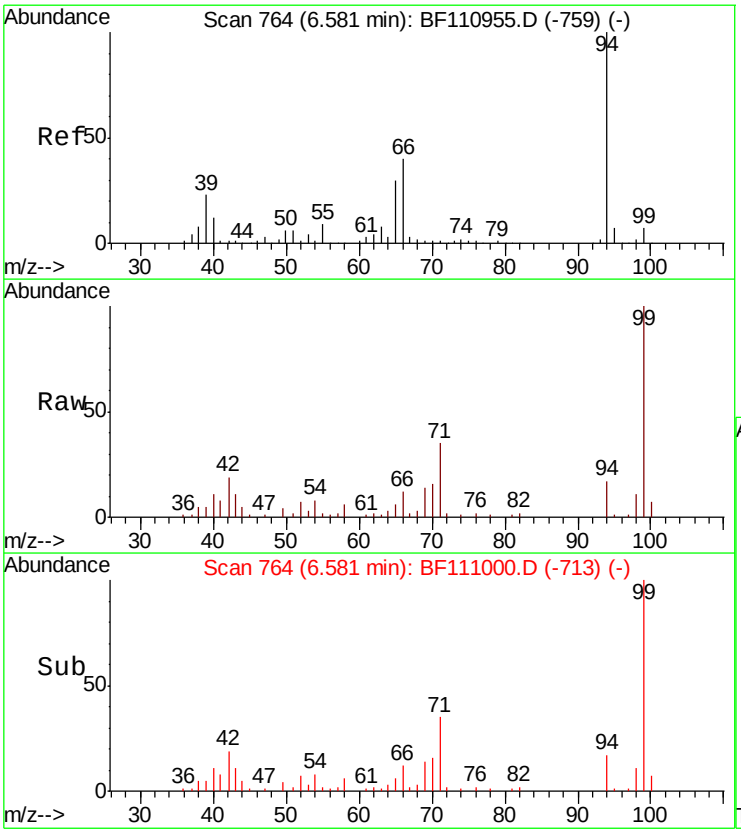
#7
Phenol-d6
Concen: 63.114 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 280218

Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.8	23.6
71	36.7	28.0	42.0

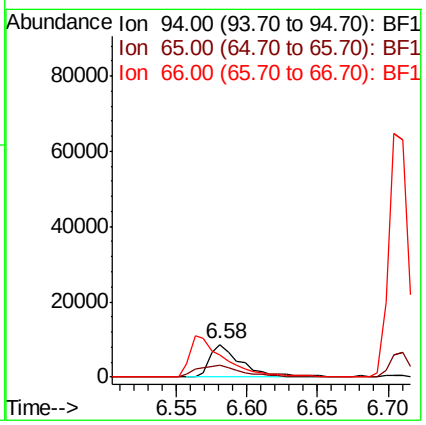


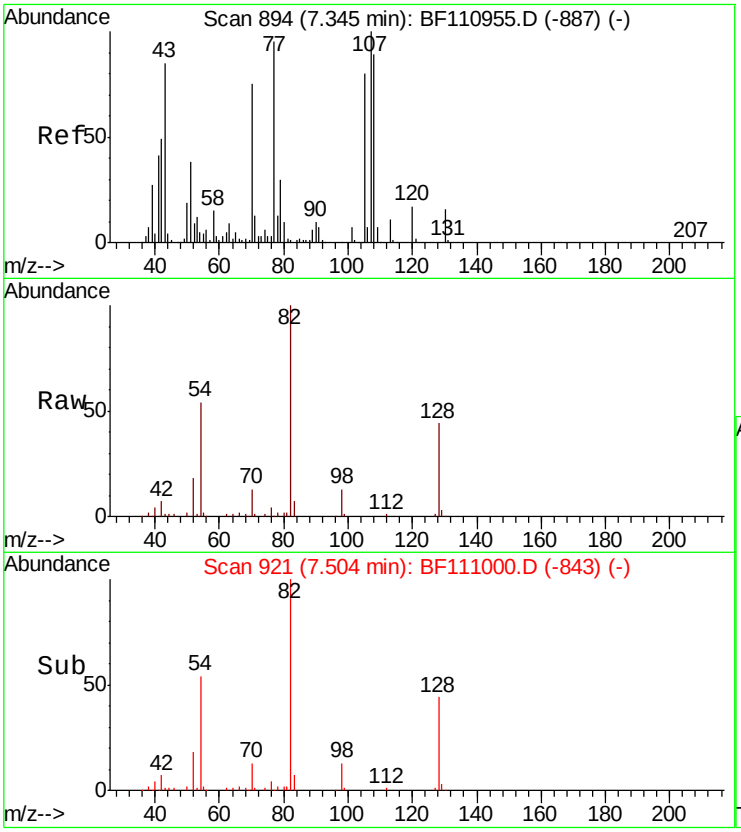


#10
Phenol
Concen: 2.732 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion: 94 Resp: 13658

Ion	Ratio	Lower	Upper
94	100		
65	37.8	25.3	65.3
66	68.7	54.5	94.5



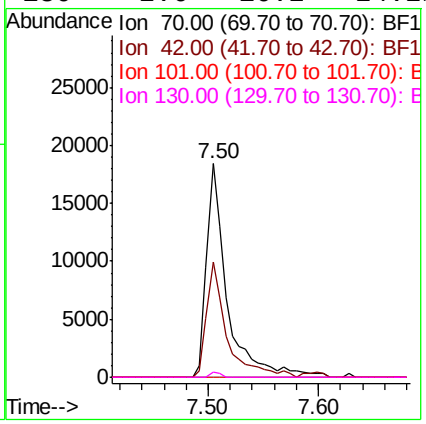


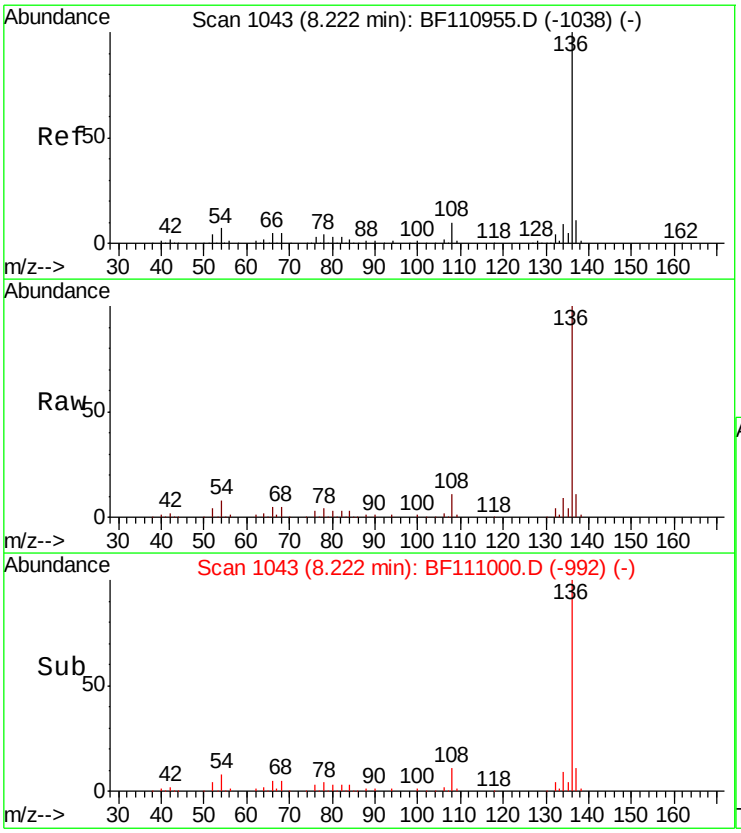
#19
n-Nitroso-di-n-propylamine
Concen: 8.086 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 23387

Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.6	16.2	24.2#

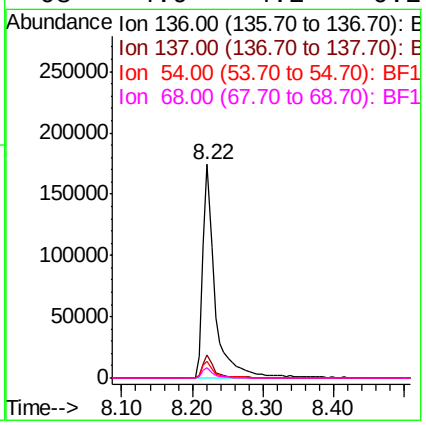


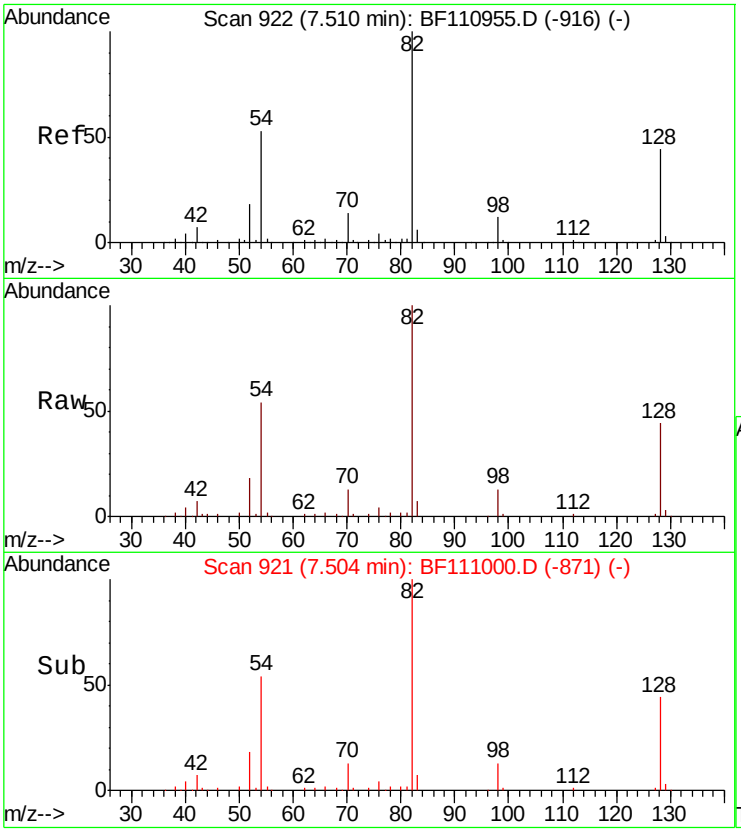


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:136 Resp: 210282

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	5.4	8.2
68	4.9	4.2	6.2



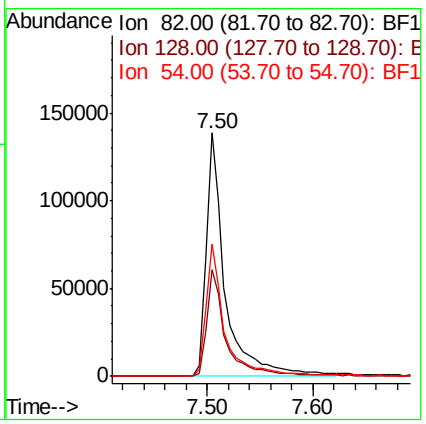


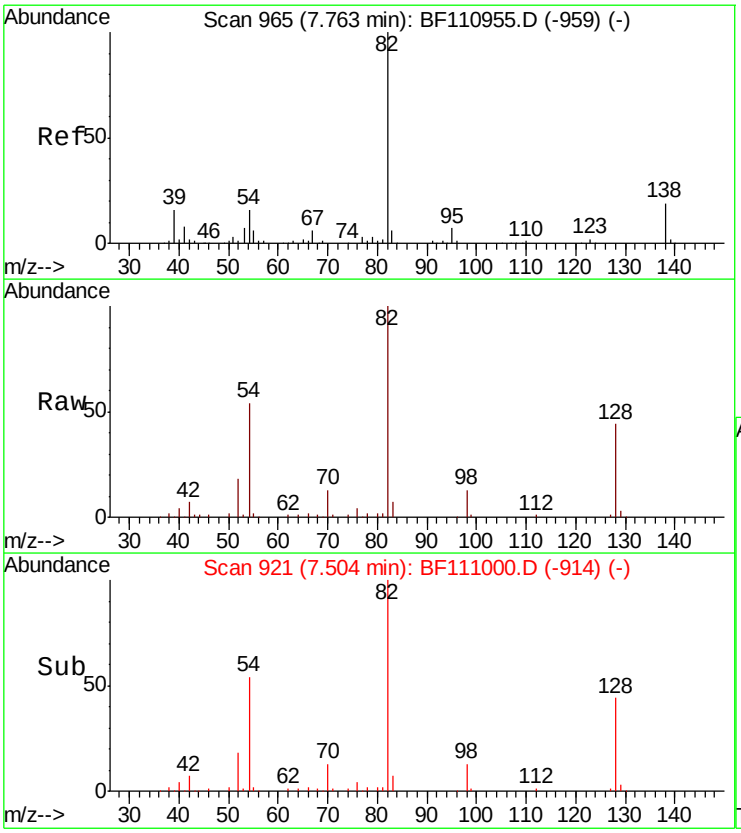
#23
Nitrobenzene-d5
Concen: 47.144 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 173221

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	54.4	38.6	58.0

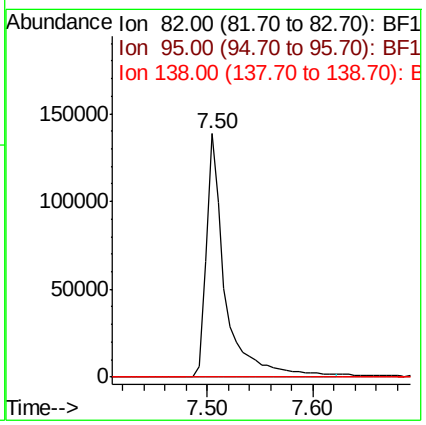


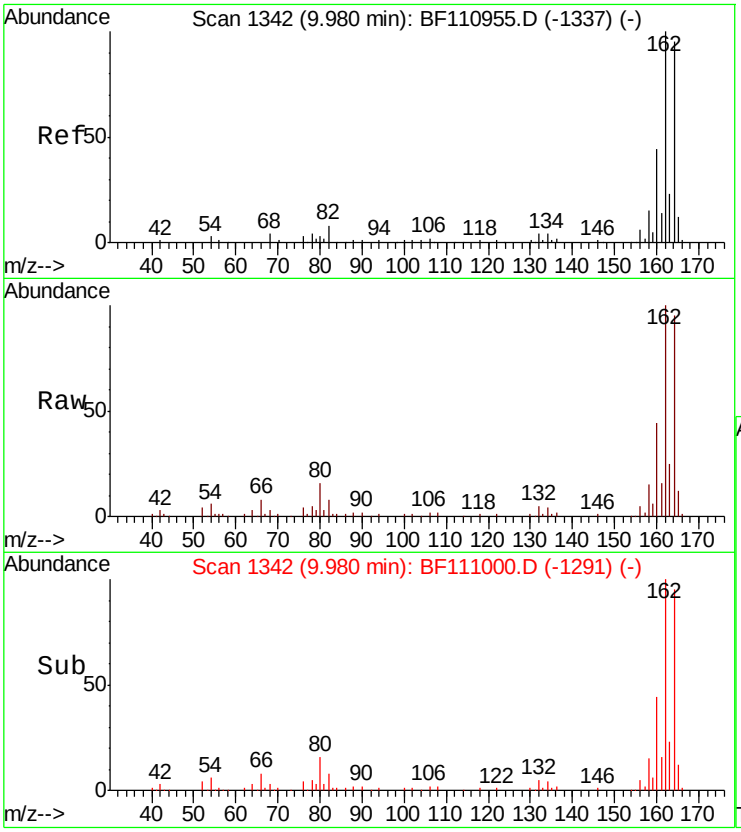


#25
Isophorone
Concen: 28.740 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion: 82 Resp: 173221

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



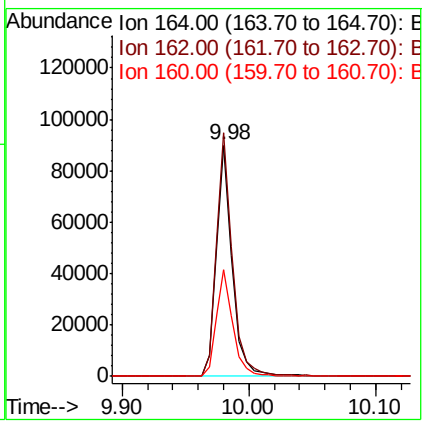


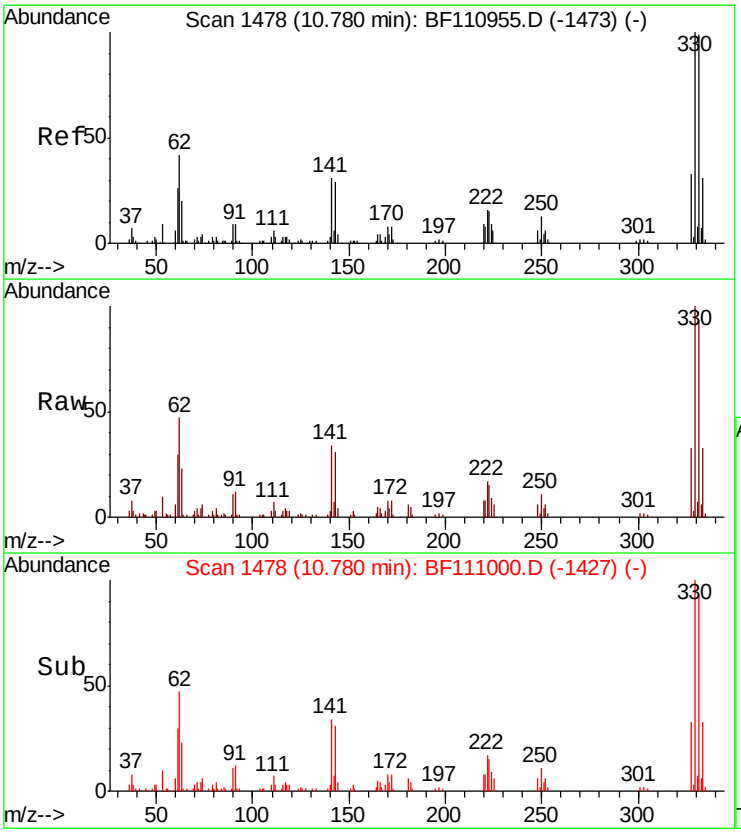
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 79738

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	46.1	37.0	55.6

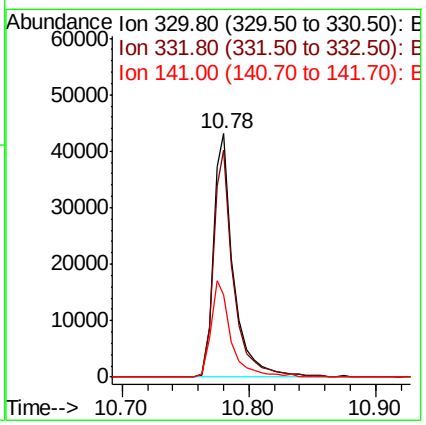


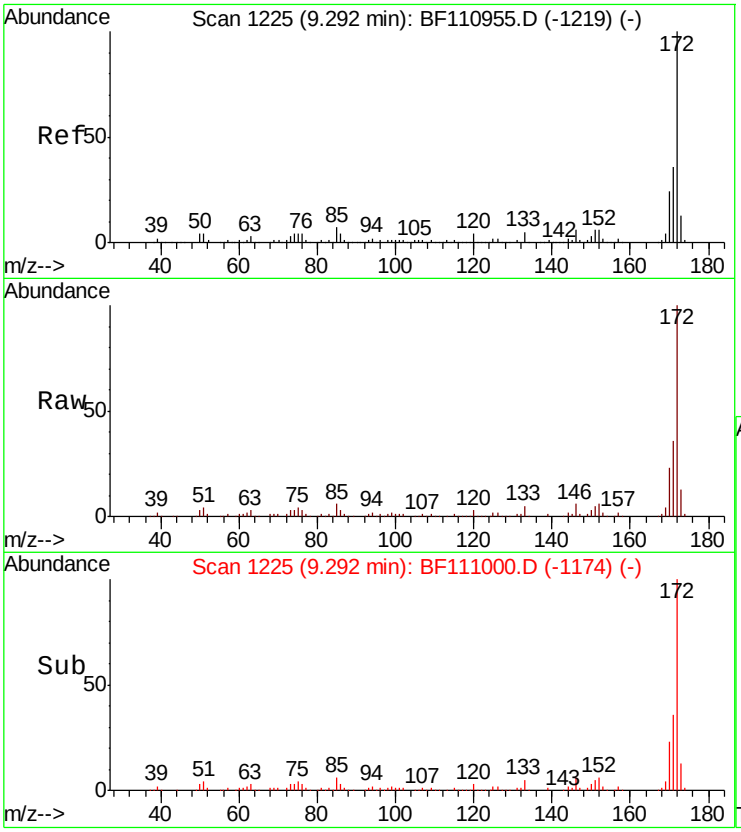


#42
2,4,6-Tribromophenol
Concen: 60.103 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:330 Resp: 47596

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.1	115.7
141	39.5	27.0	40.4



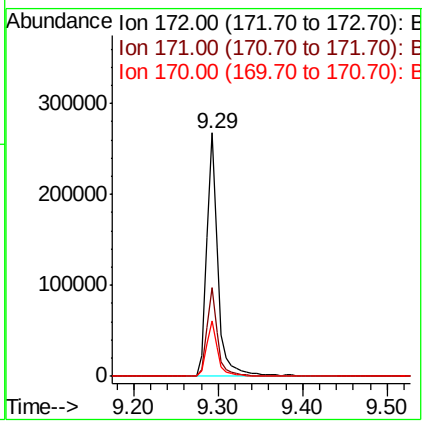


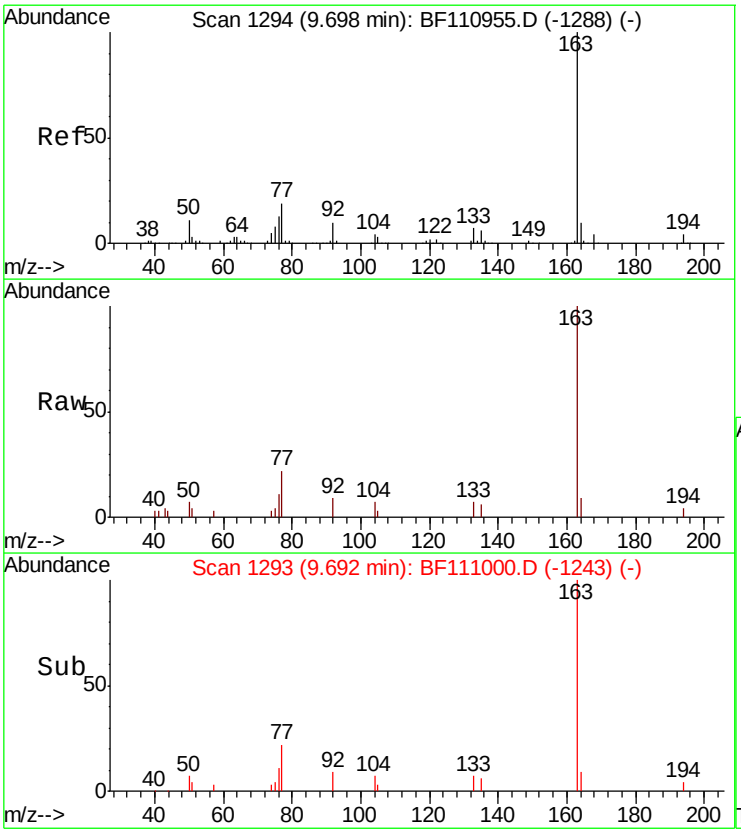
#45
2-Fluorobiphenyl
Concen: 45.046 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 247924

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.0	19.7	29.5

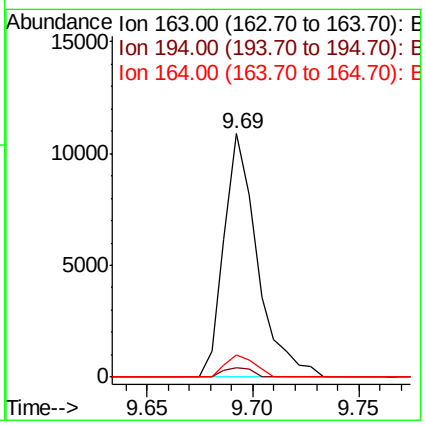


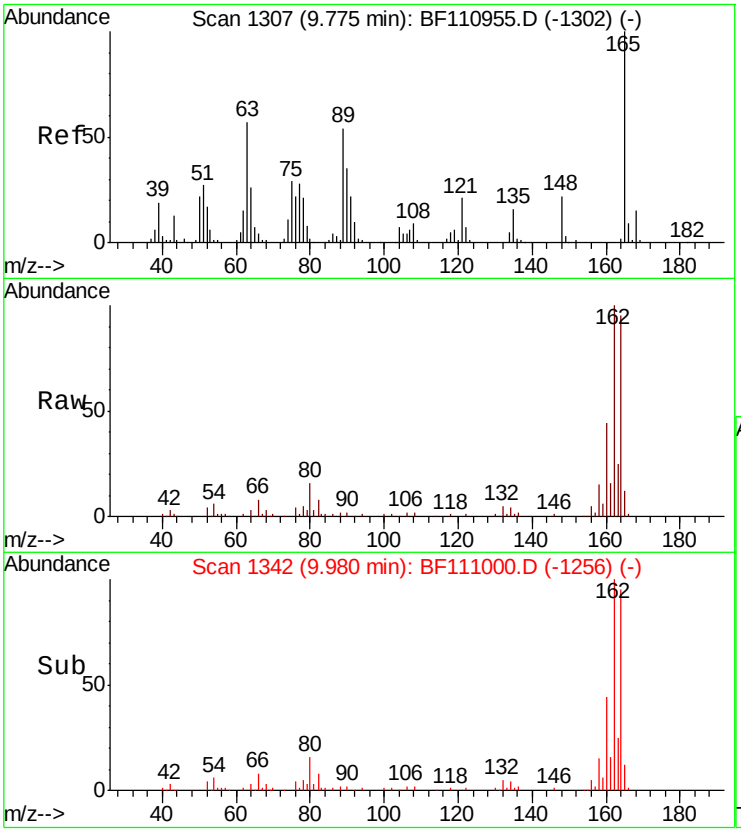


#50
Dimethylphthalate
Concen: 2.036 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:163 Resp: 11908

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.3	8.1	12.1



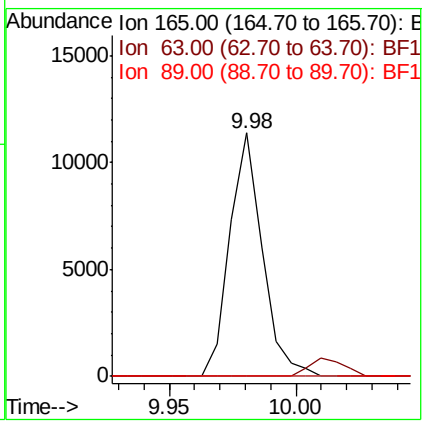


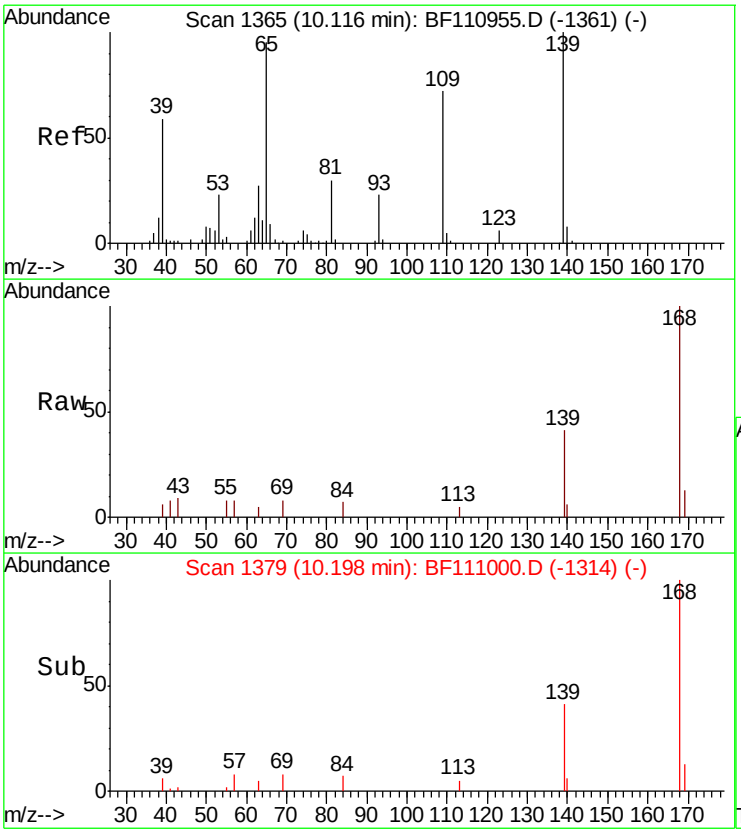
#51
2,6-Dinitrotoluene
Concen: 7.837 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10203

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

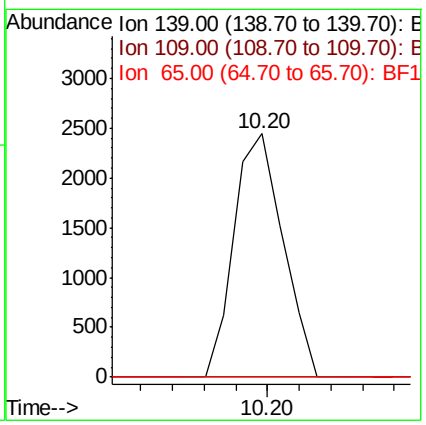


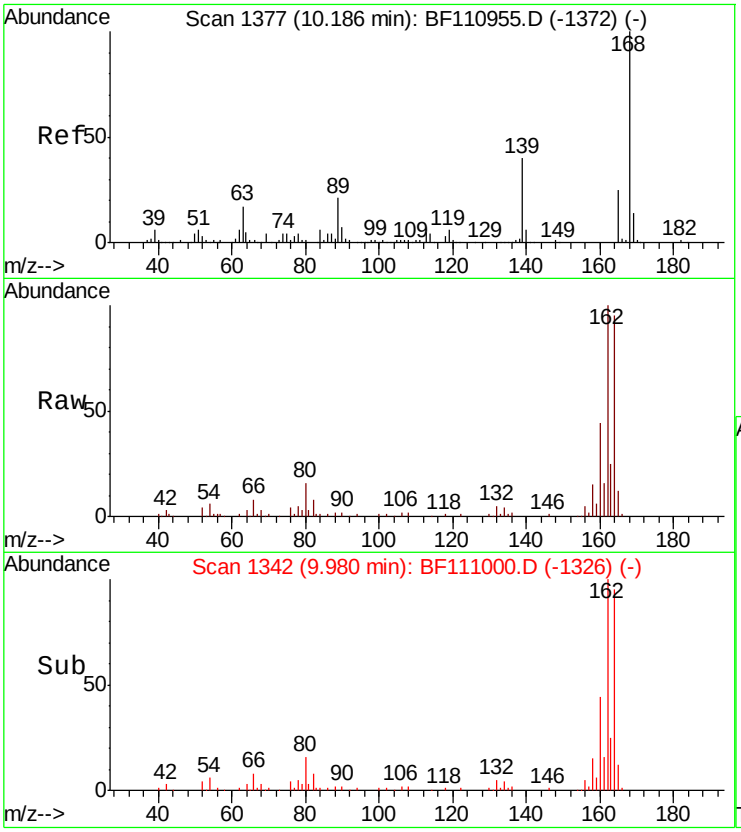


#56
4-Nitrophenol
Concen: 7.168 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.08 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:139 Resp: 2610

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#



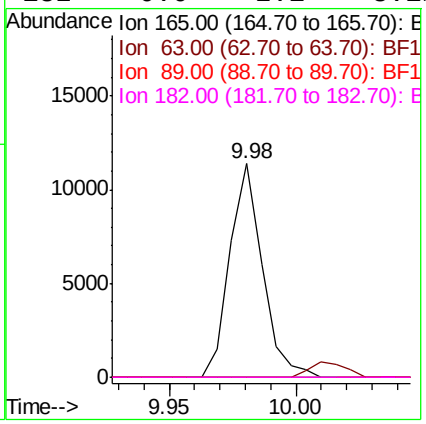


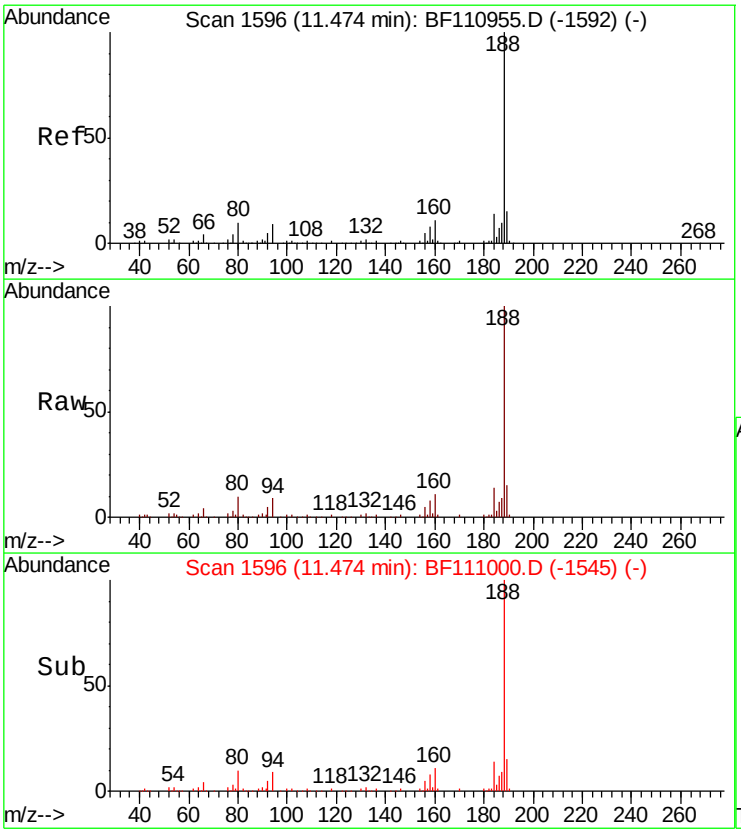
#57
2,4-Dinitrotoluene
Concen: 6.041 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10203

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

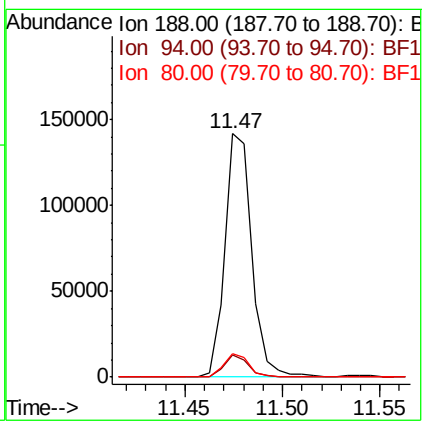


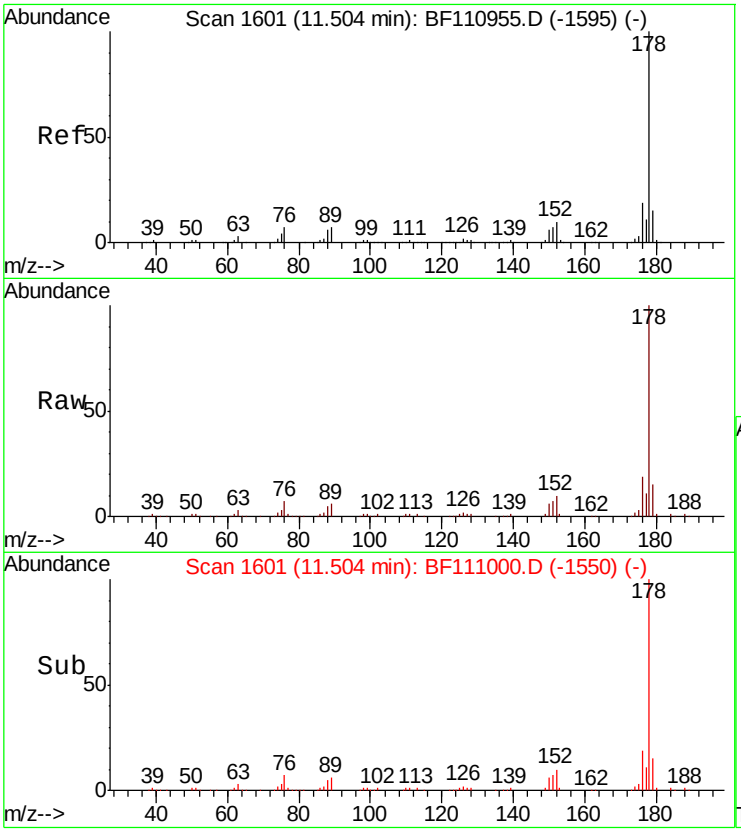


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:188 Resp: 135737

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.7	7.9	11.9



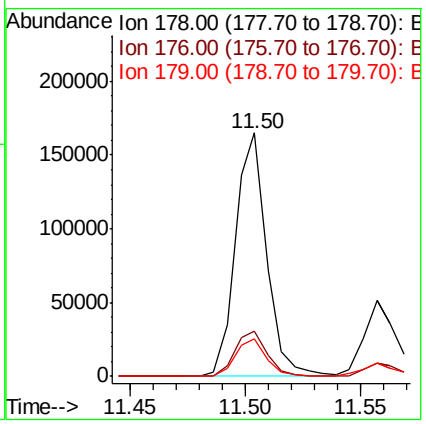


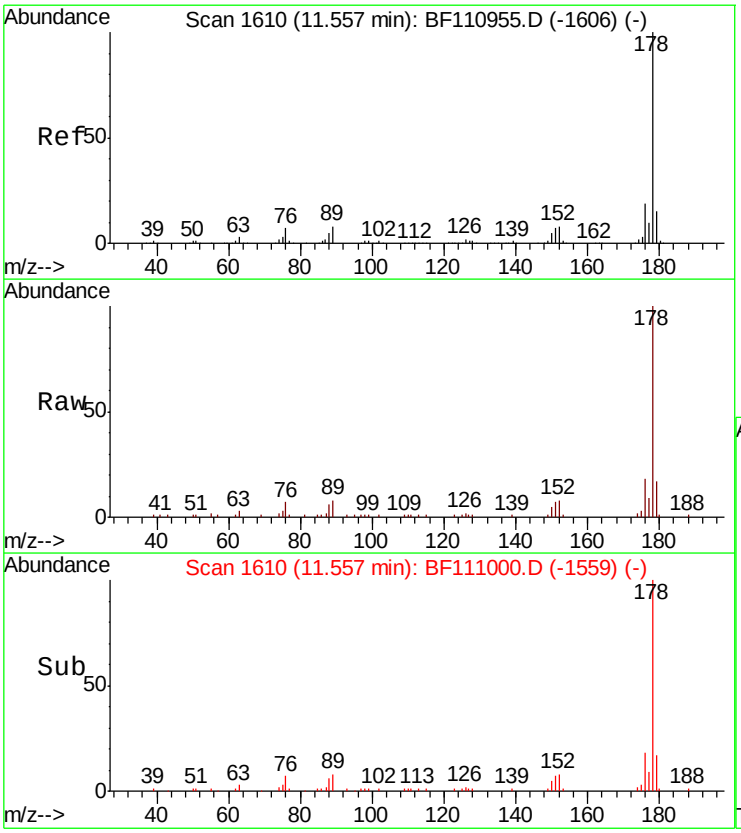
#71
Phenanthrene
Concen: 21.632 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 155515

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.3	12.5	18.7

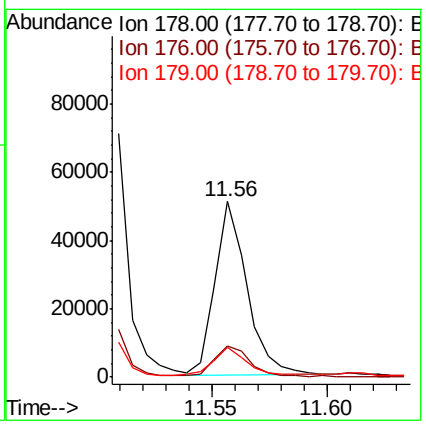


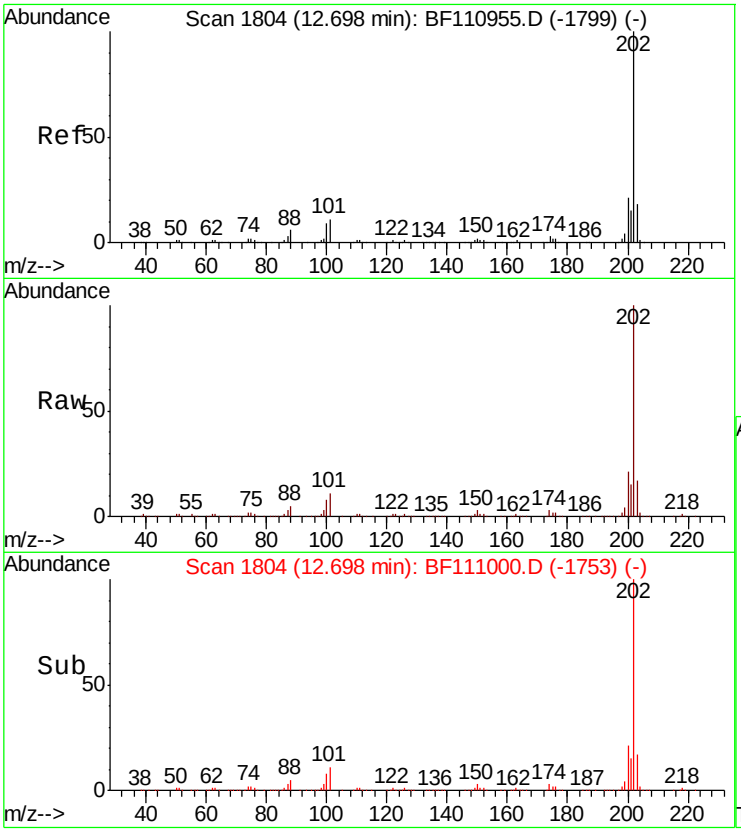


#72
Anthracene
Concen: 6.707 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:178 Resp: 49101

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.7	12.6	18.8



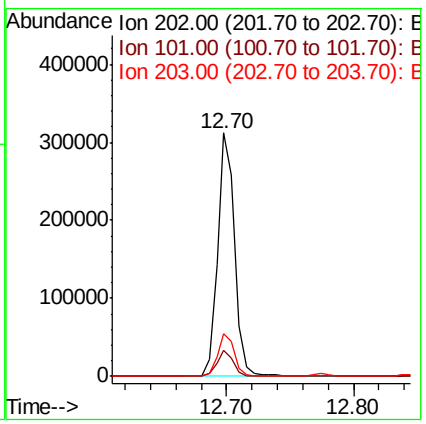


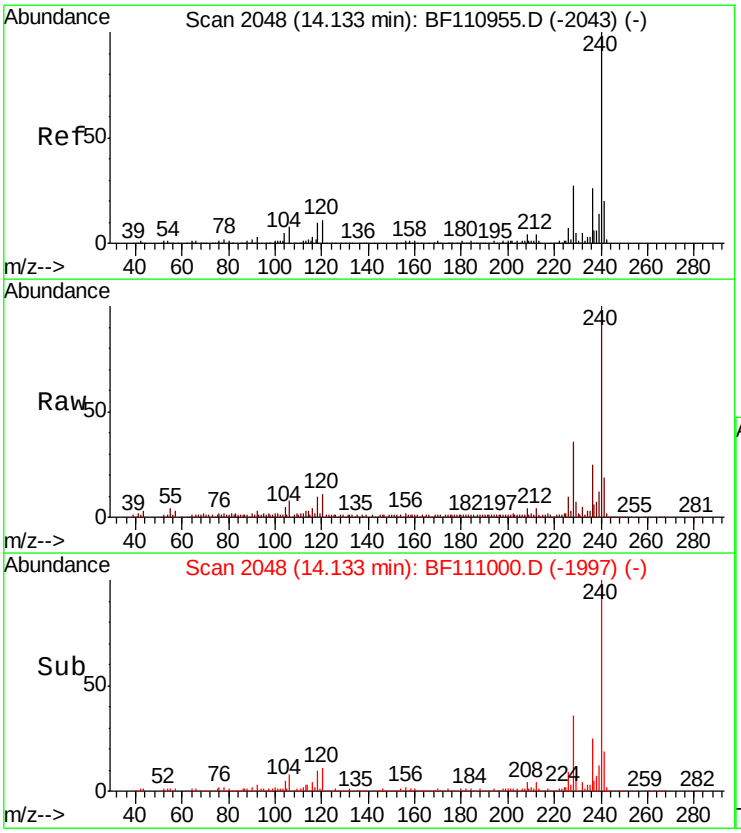
#75
Fluoranthene
Concen: 39.723 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 293502

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.3	0.0	37.7

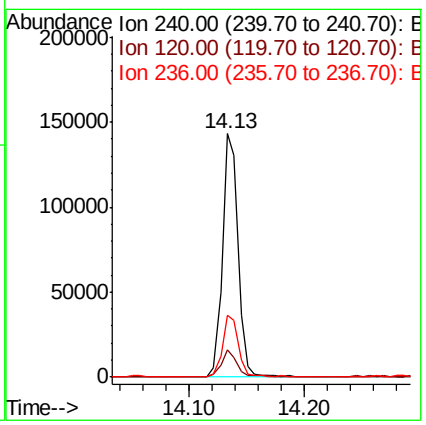


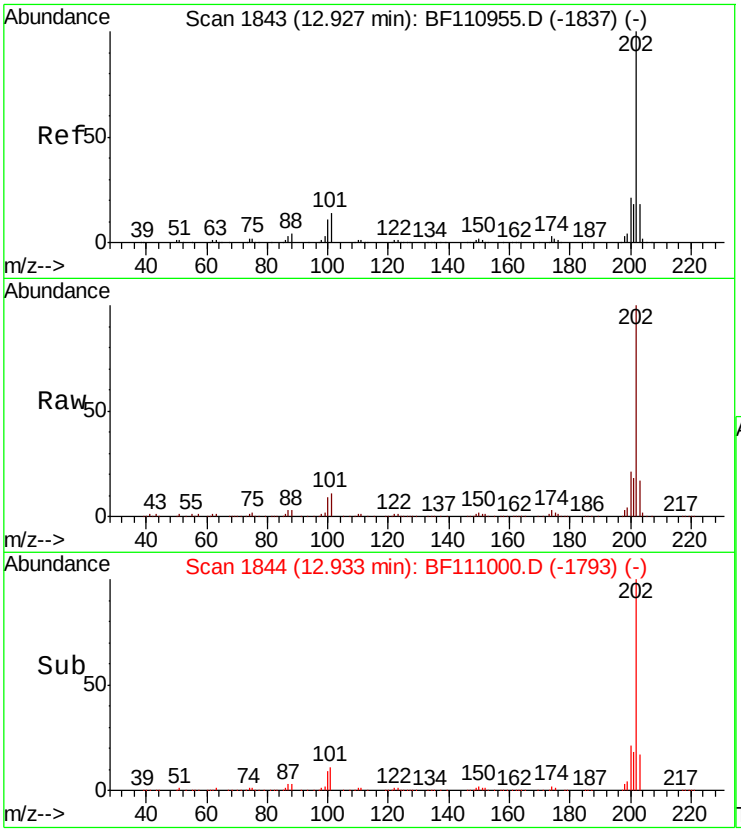


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:240 Resp: 134572

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.4	21.2	31.8



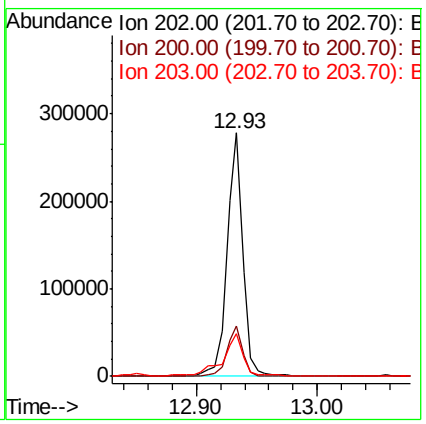


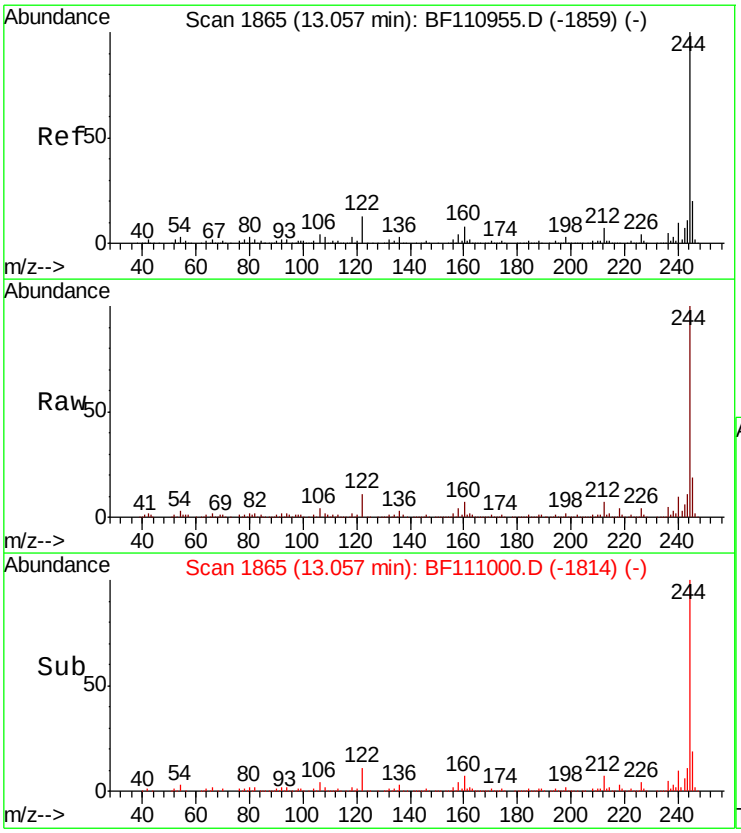
#78
Pyrene
Concen: 25.317 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 248832

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.3	14.2	21.4

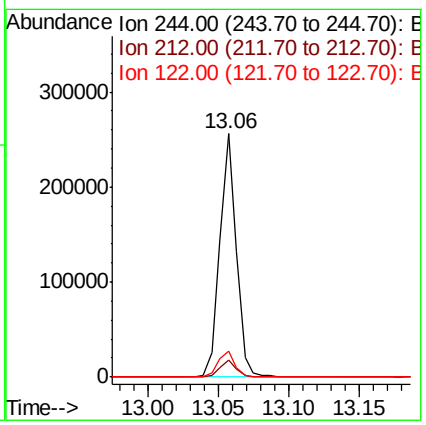


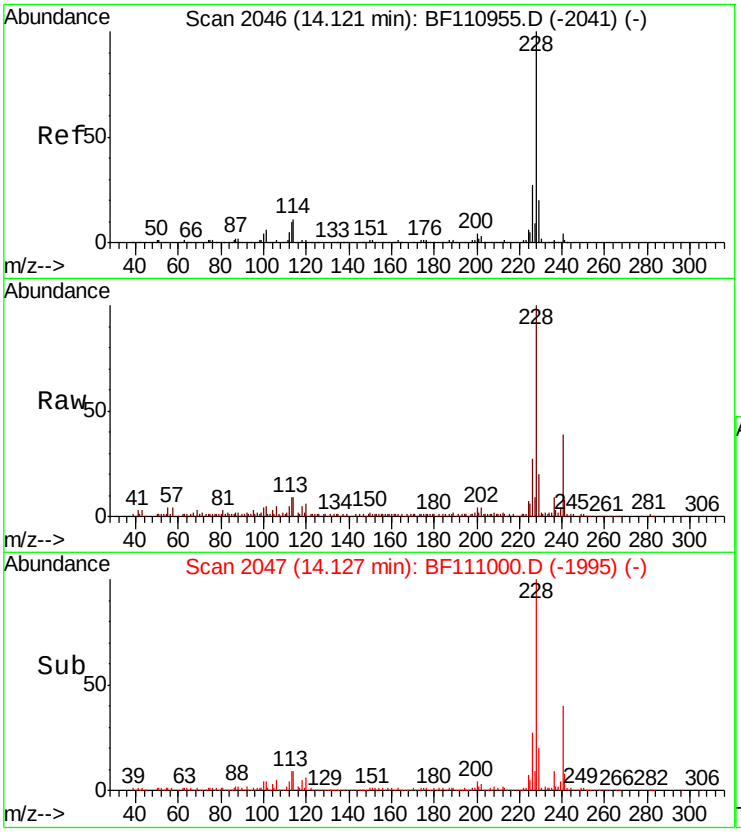


#79
Terphenyl-d14
Concen: 30.247 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:244 Resp: 209102

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.5	8.7	13.1



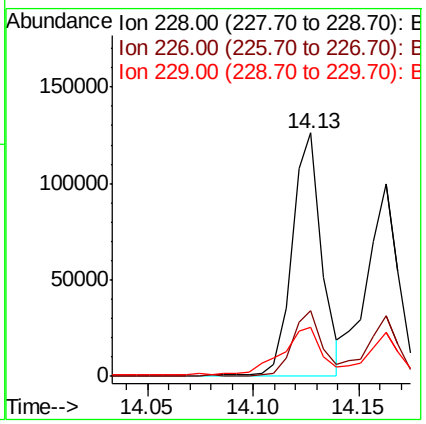


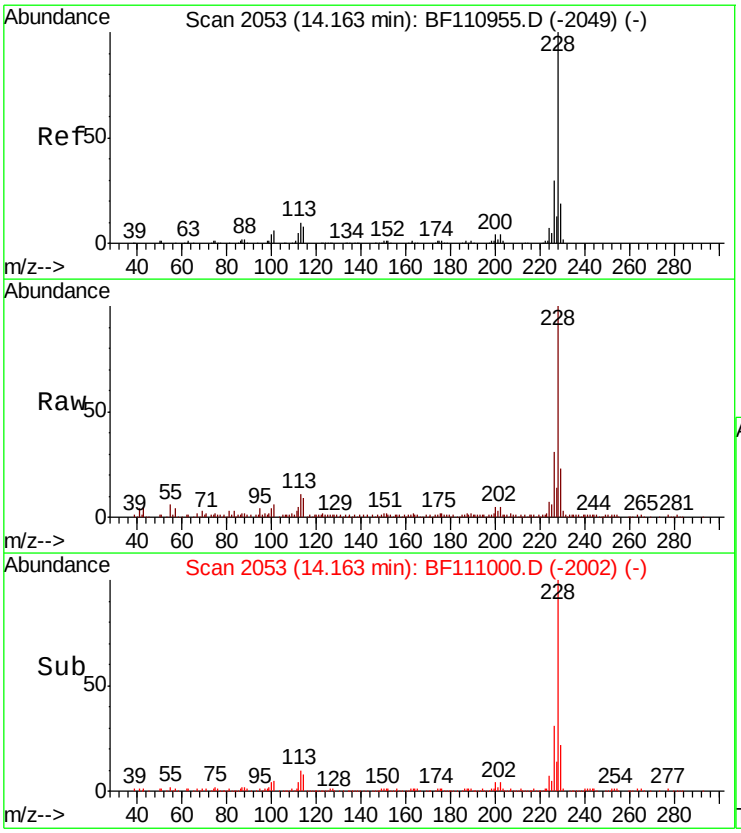
#81
Benzo(a)anthracene
Concen: 15.398 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 122333

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	20.4	15.6	23.4

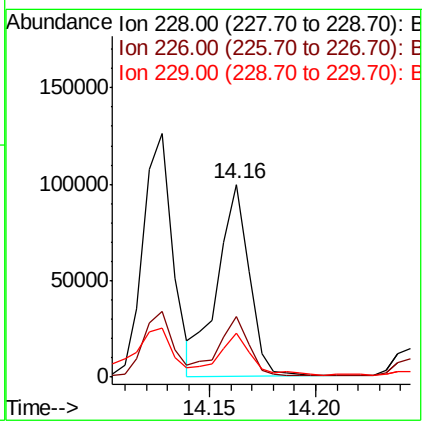


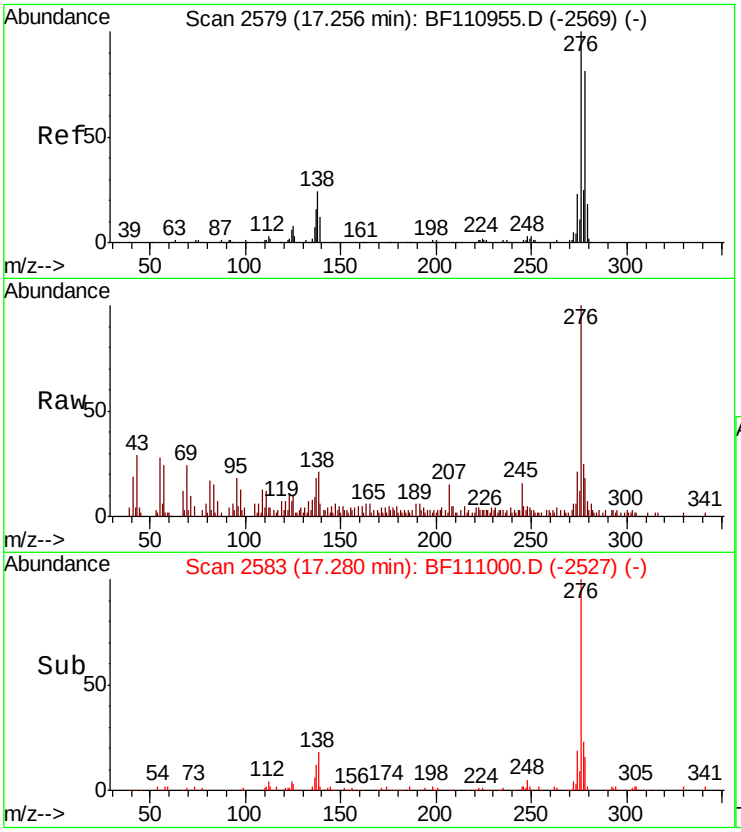


#83
Chrysene
Concen: 13.223 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:228 Resp: 103415

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	22.9	15.9	23.9



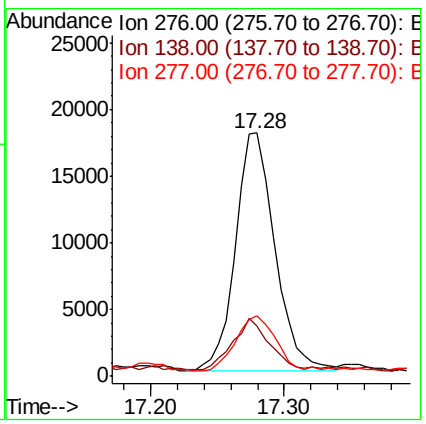


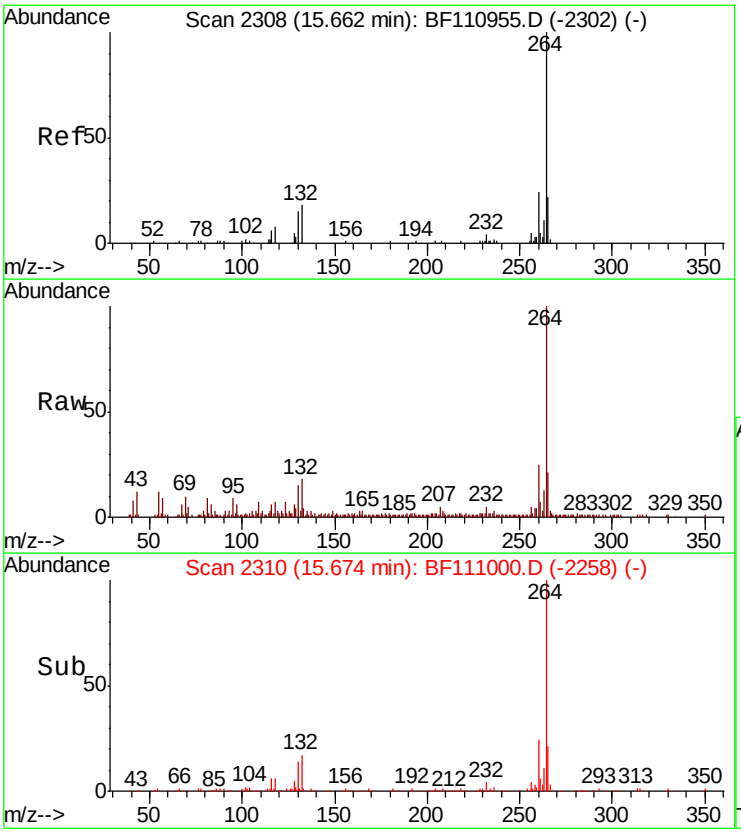
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.462 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.03 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 36277

Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.5	27.7
277	24.2	20.0	30.0

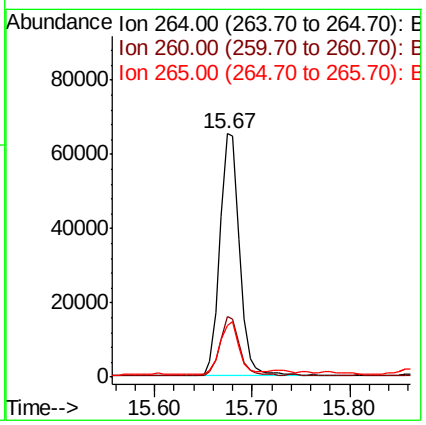


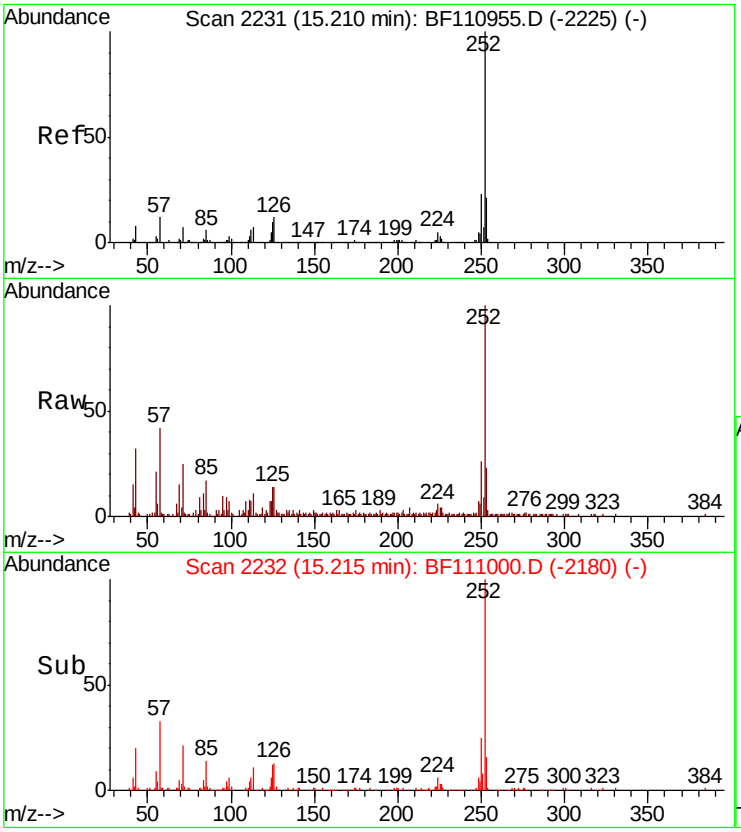


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:264 Resp: 91491

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



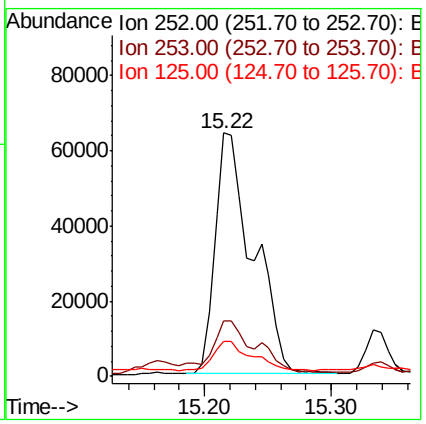


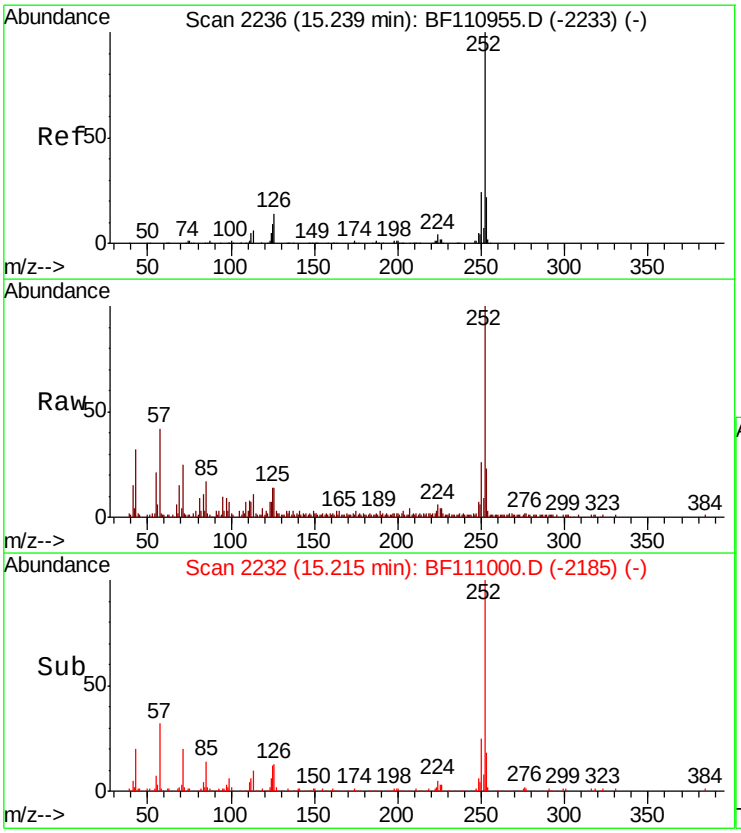
#88
Benzo(b)fluoranthene
Concen: 24.797 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 133279

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.1	8.2	12.4#

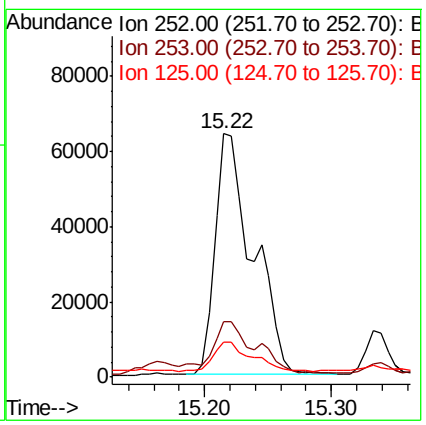


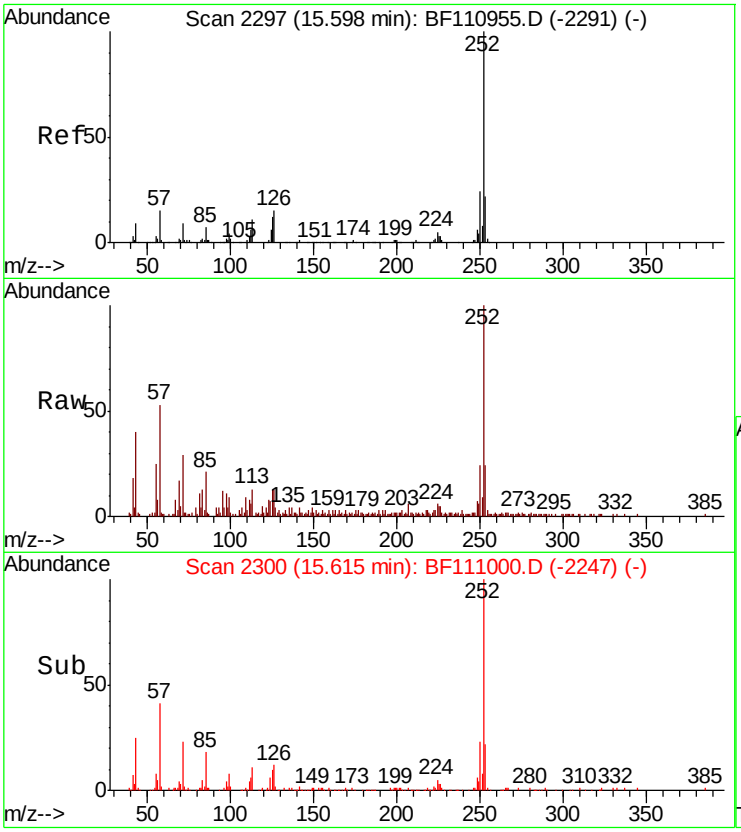


#89
Benzo(k)fluoranthene
Concen: 24.092 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:252 Resp: 133279

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.1	7.4	11.0#



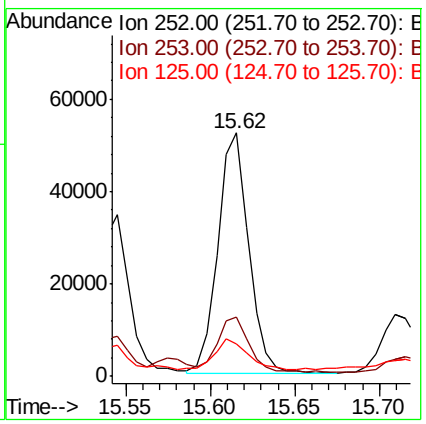


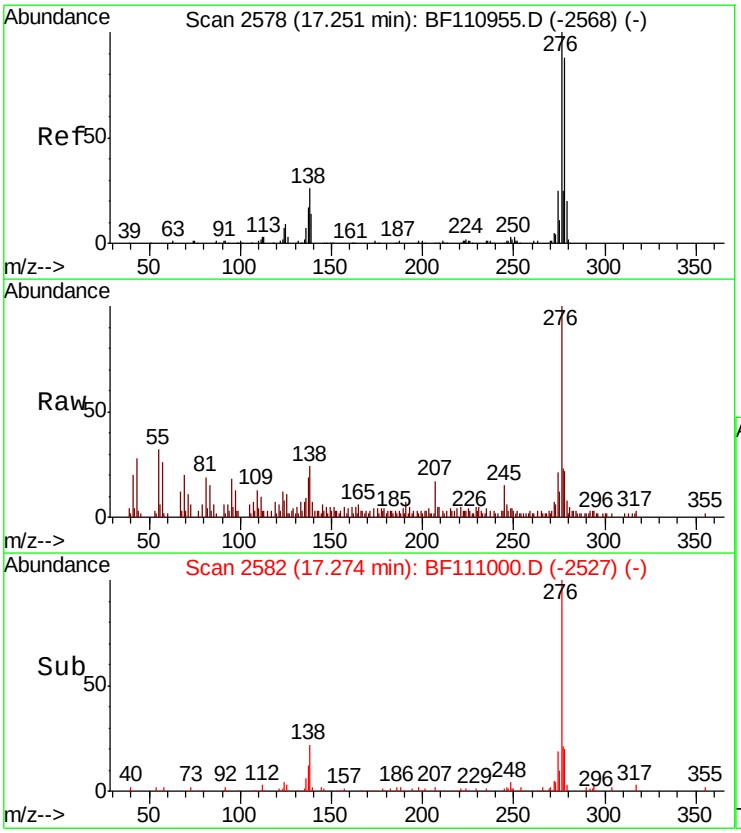
#90
Benzo(a)pyrene
Concen: 13.315 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 66616

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.4
125	13.5	9.0	13.6

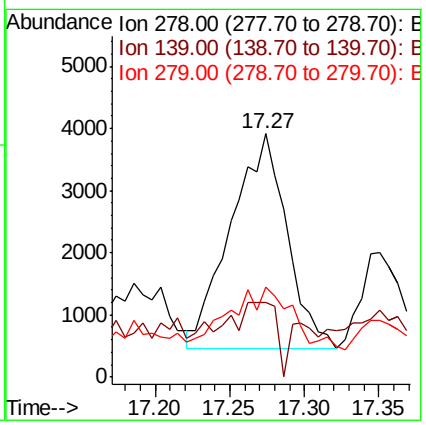


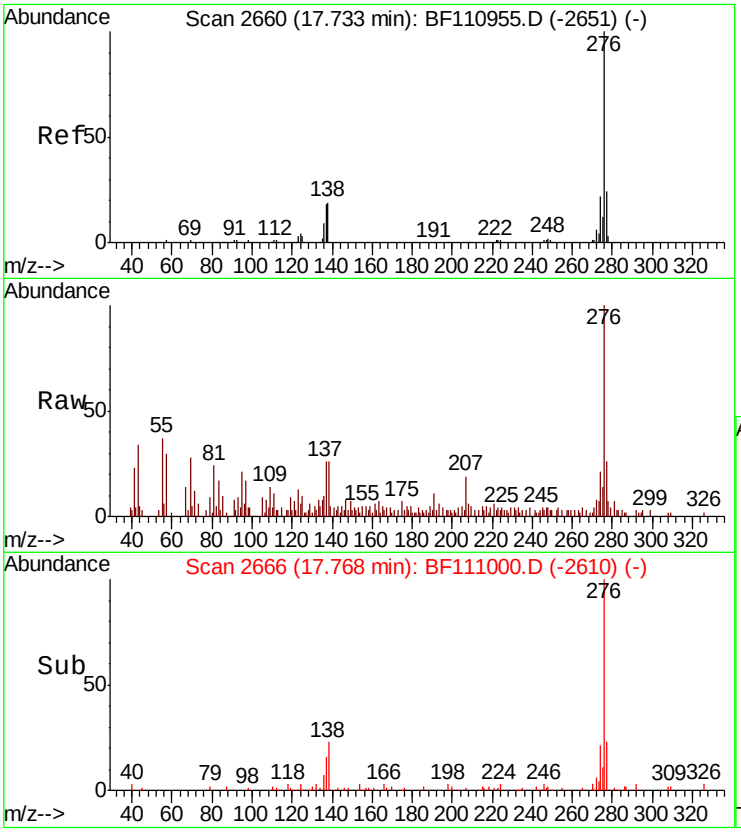


#91
Dibenzo(a,h)anthracene
Concen: 2.182 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:278 Resp: 9008

Ion	Ratio	Lower	Upper
278	100		
139	30.8	12.7	19.1#
279	37.2	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 8.199 ng
RT: 17.77 min Scan# 2666
Delta R.T. 0.03 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32632

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.8	28.2
138	26.4	16.0	24.0#