Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110108.D
Acq On : 24 Oct 2018 12:08
Operator : JU/SJ
Sample : J5610-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:09:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	172043	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	667018	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	288862	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	435904	20.00	ng		-0.02
76) Chrysene-d12	14.15	240	325822	20.00	ng		-0.02
87) Perylene-d12	15.67	264	296109	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	992734	93.97	ng		-0.01
7) Phenol-d6	6.59	99	1253261	92.74	ng		-0.02
23) Nitrobenzene-d5	7.53	82	786887	69.97	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	231164	80.79	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	1253846	68.16	ng		-0.02
79) Terphenyl-d14	13.08	244	815614	52.06	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	3512	Below Cal		#	1
10) Phenol	6.60	94	133249	9.225	ng	#	62
19) n-Nitroso-di-n-propylamine	7.53	70	106691	12.307	ng	#	77
25) Isophorone	7.53	82	786877	41.048	ng	#	67
50) Dimethylphthalate	9.71	163	258643	12.130	ng		100
57) 2,4-Dinitrotoluene	10.00	165	38310	6.567	ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	14939	3.159	ng	#	1
71) Phenanthrene	11.52	178	93639	4.105	ng		98
75) Fluoranthene	12.71	202	185864	8.029	ng		99
78) Pyrene	12.95	202	178540	7.643	ng		99
81) Benzo(a)anthracene	14.13	228	103589	5.361	ng		94
83) Chrysene	14.17	228	96629	5.265	ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	65466	4.777	ng		94
86) Indeno(1,2,3-cd)pyrene	17.22	276	52651	3.458	ng		97
88) Benzo(b)fluoranthene	15.21	252	181306	10.603	ng	#	96
89) Benzo(k)fluoranthene	15.21	252	181306	10.785	ng	#	95
90) Benzo(a)pyrene	15.60	252	84165	5.349	ng	#	94
92) Benzo(g,h,i)perylene	17.69	276	50366	3.765	ng		97

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

Quantitation Report (Not Reviewed)

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Data File : BF110108.D
Acq On : 24 Oct 2018 12:08
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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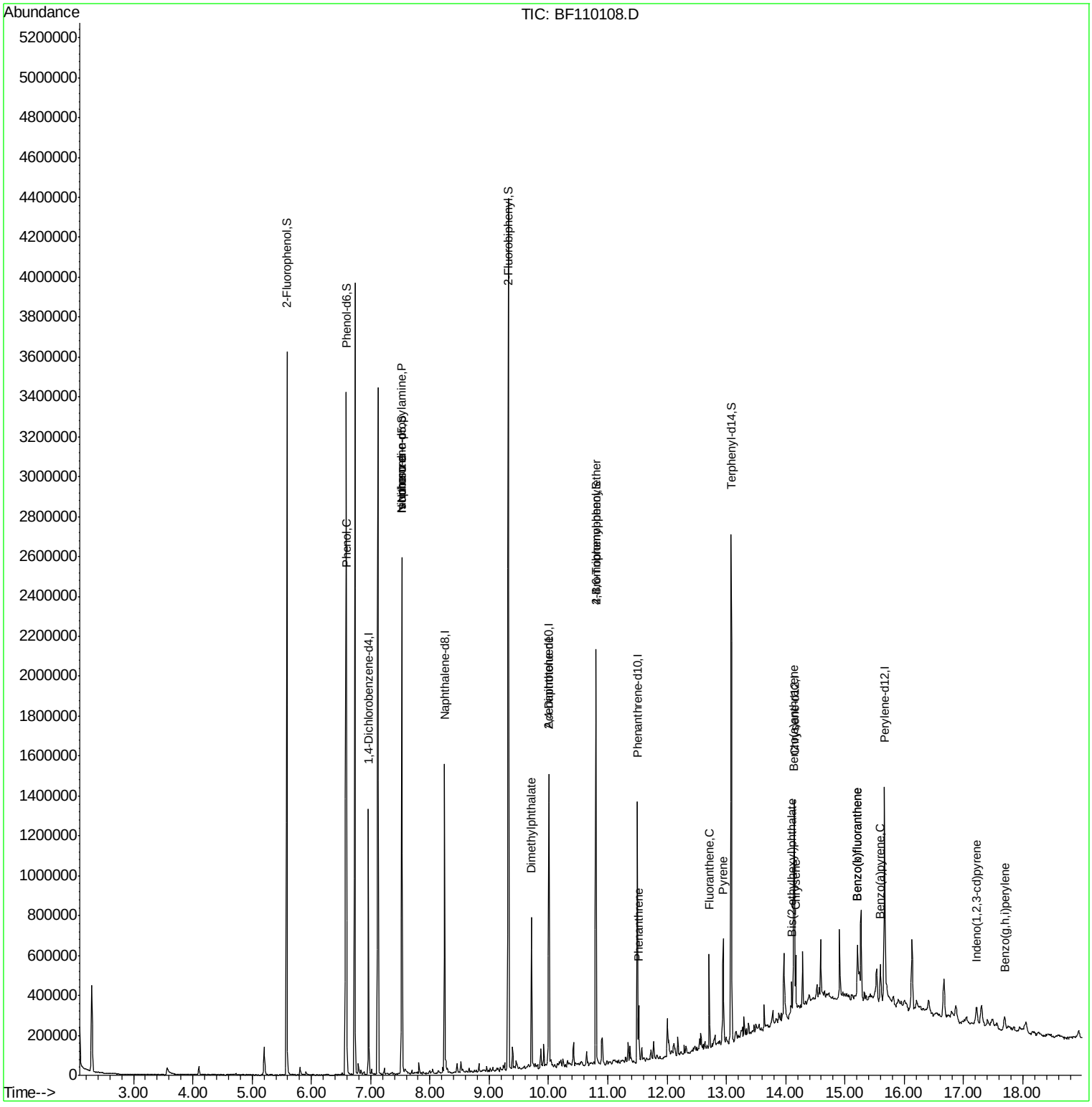
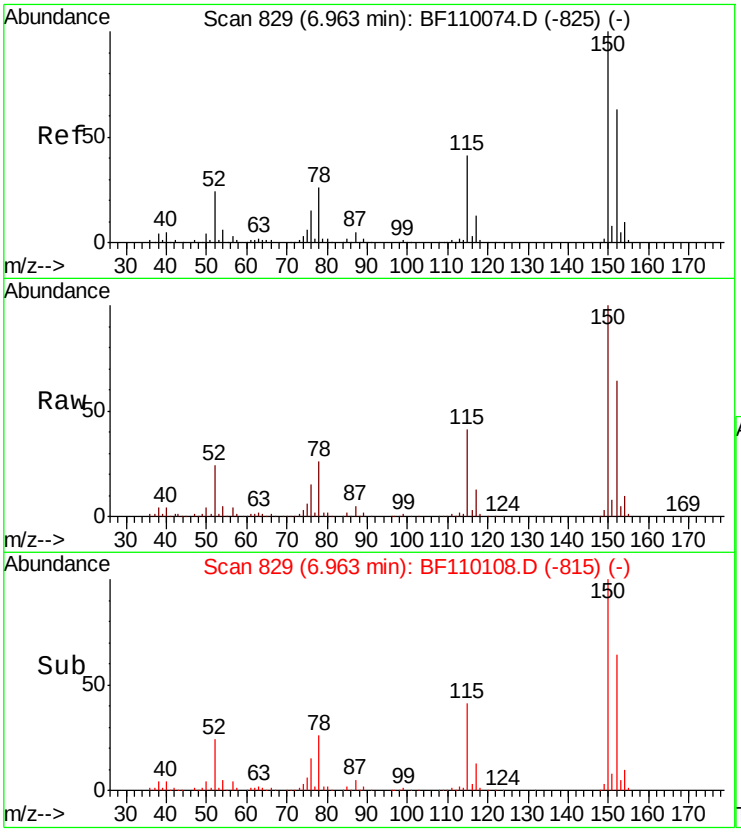


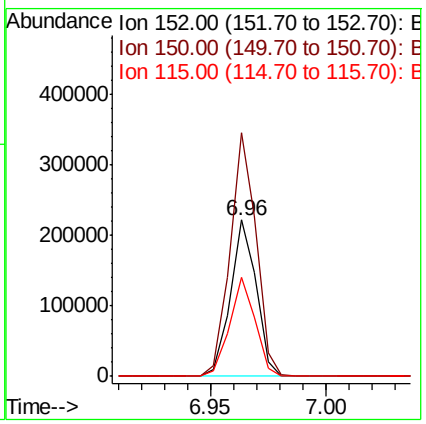


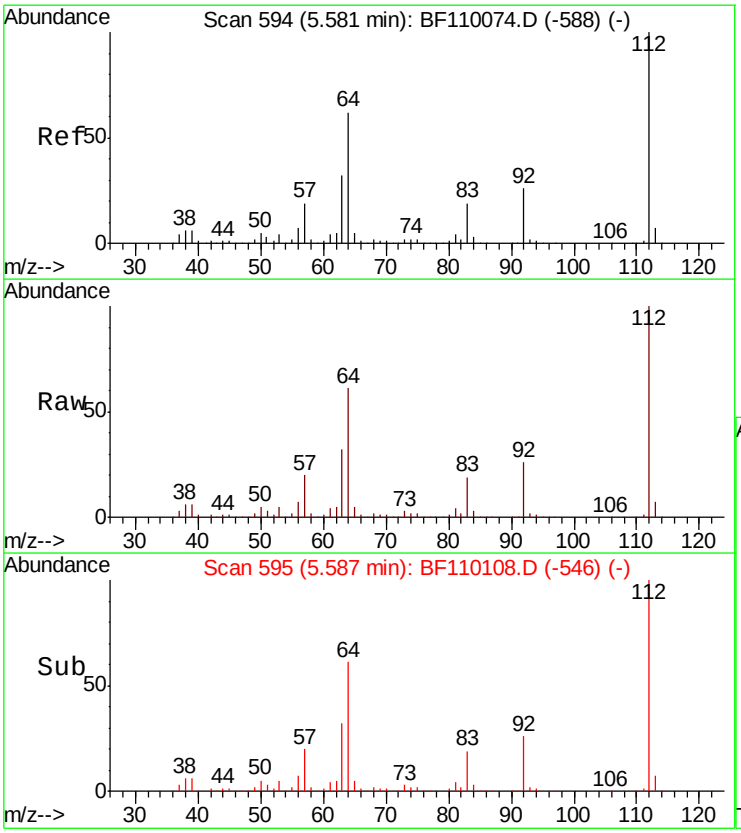
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172043

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	63.4	49.1	73.7

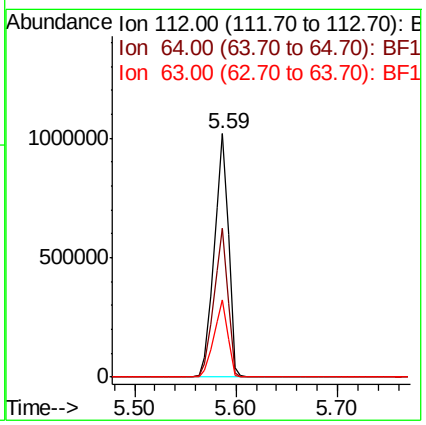


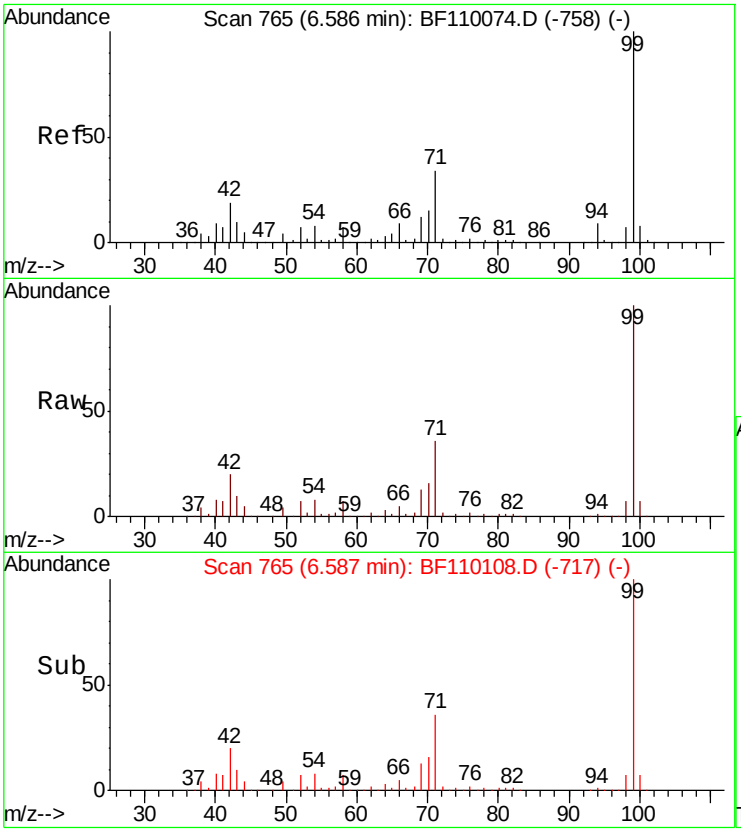


#5
2-Fluorophenol
Concen: 93.966 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:112 Resp: 992734

Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	31.8	23.7	35.5



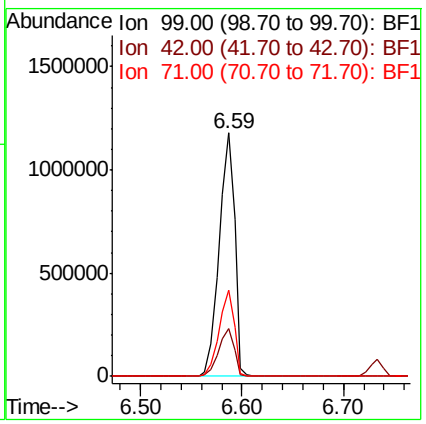


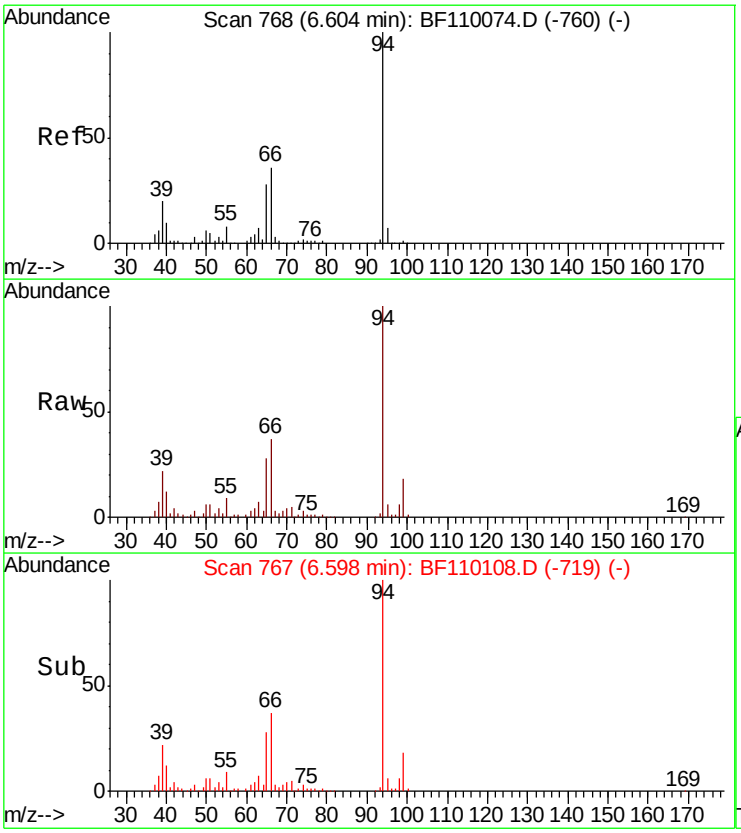
#7
Phenol-d6
Concen: 92.743 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1253261

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	35.6	28.0	42.0

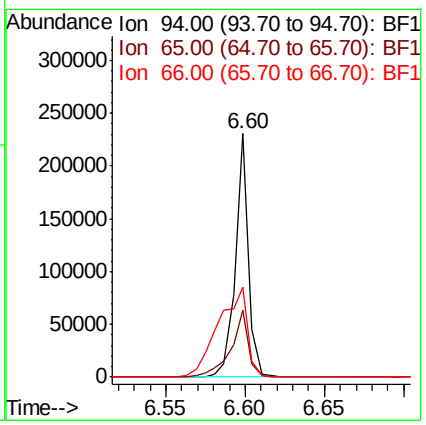


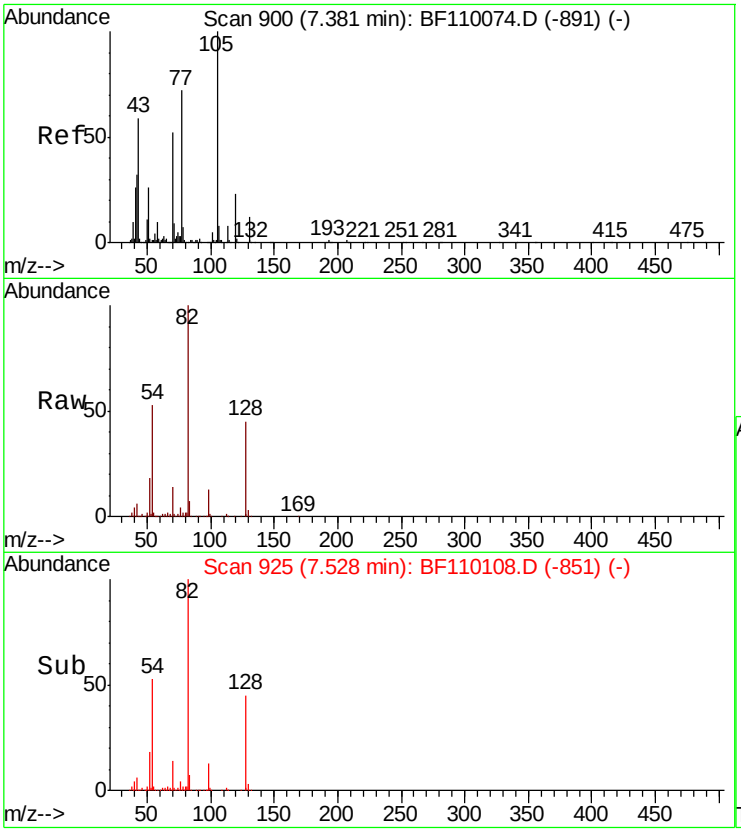


#10
Phenol
Concen: 9.225 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion: 94 Resp: 133249

Ion	Ratio	Lower	Upper
94	100		
65	27.8	25.3	65.3
66	36.7	54.5	94.5#



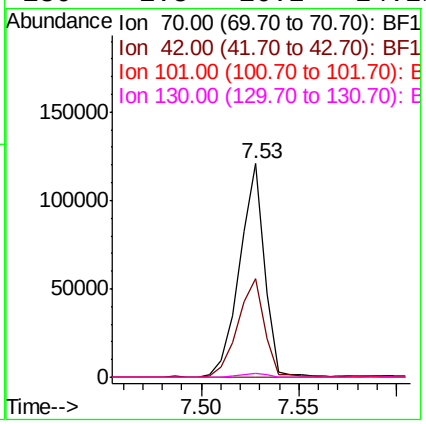


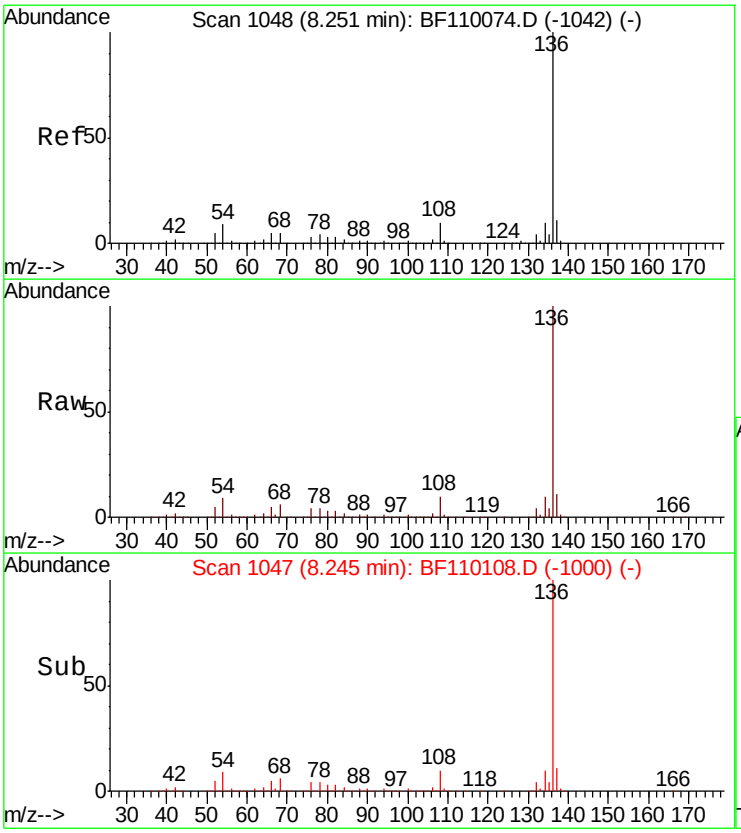
#19
n-Nitroso-di-n-propylamine
Concen: 12.307 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 106691

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.4	71.2#
101	0.0	7.3	10.9#
130	1.8	16.2	24.2#

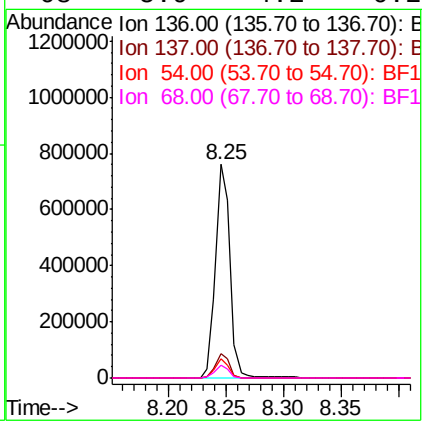


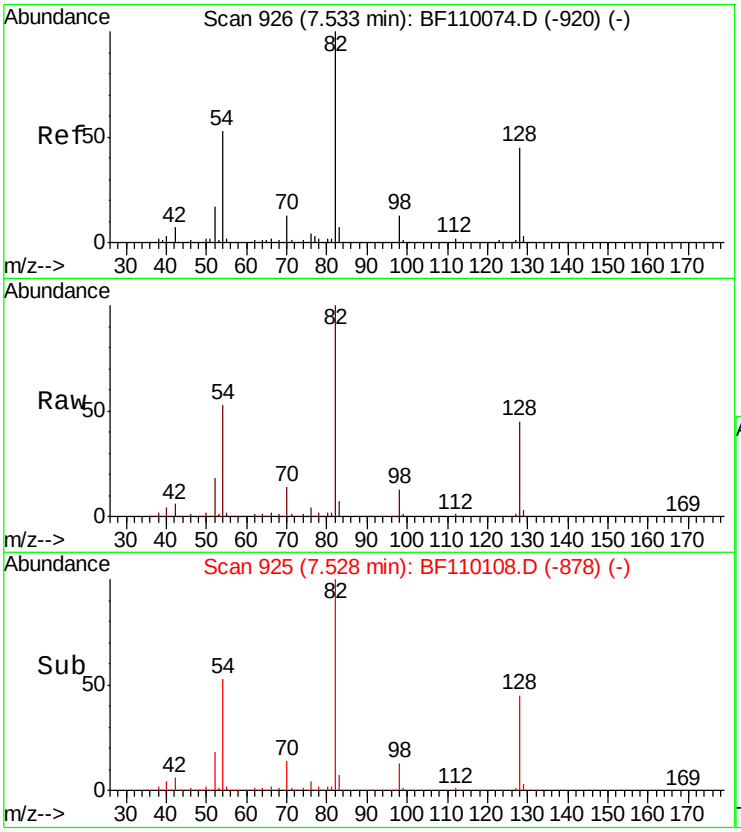


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:136 Resp: 667018

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.8	5.4	8.2#
68	5.9	4.2	6.2



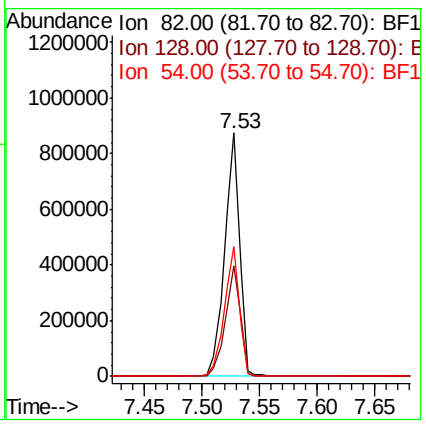


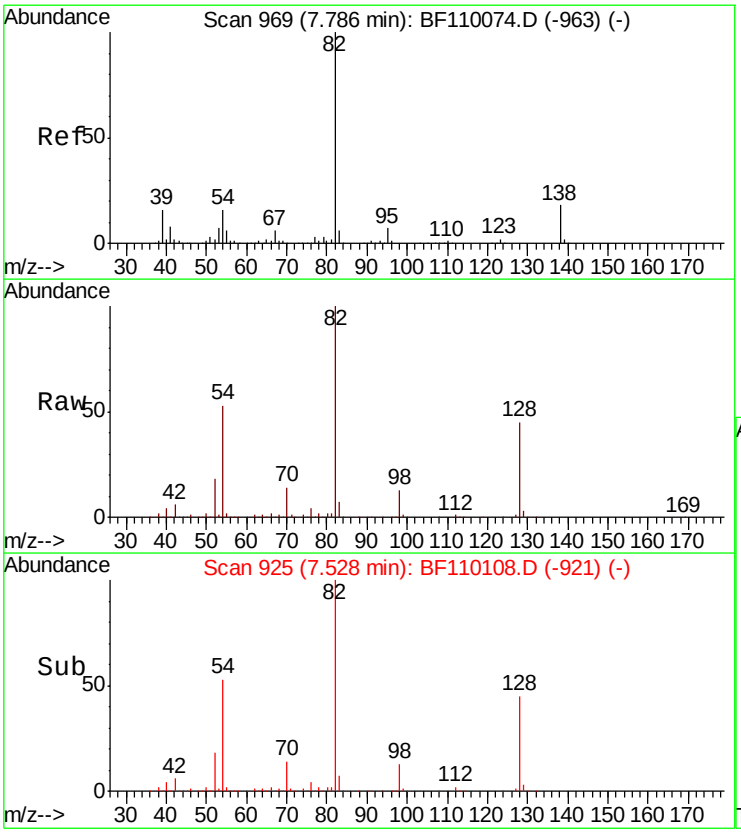
#23
Nitrobenzene-d5
Concen: 69.972 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 786887

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.2
54	53.2	38.6	58.0

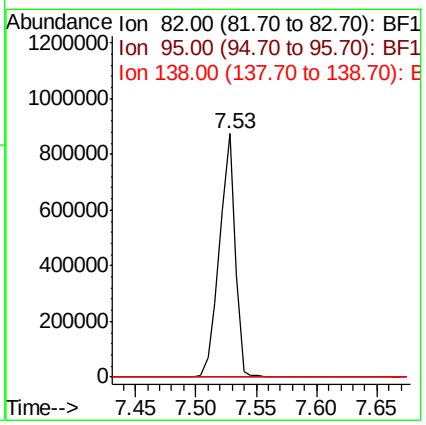


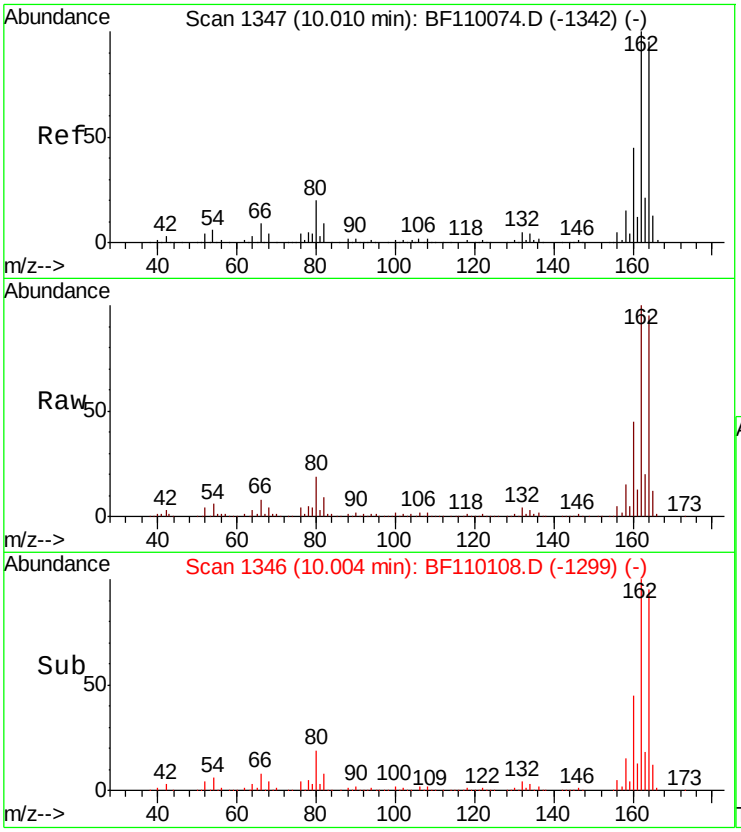


#25
Isophorone
Concen: 41.048 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion: 82 Resp: 786877

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



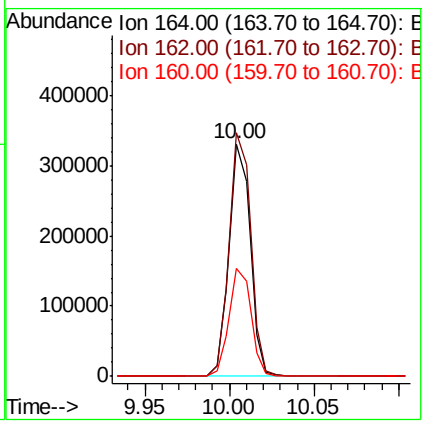


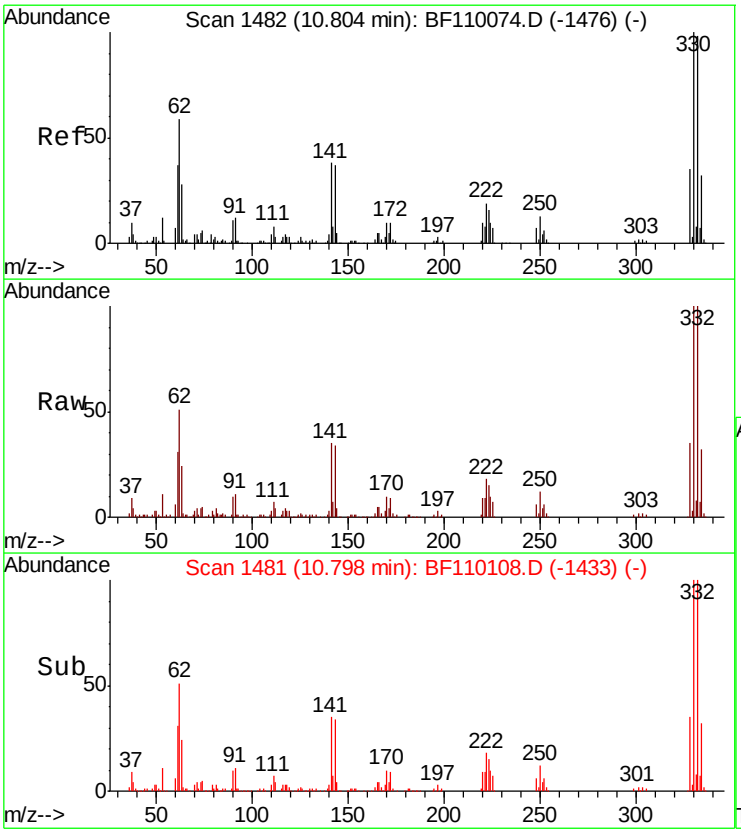
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 288862

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.6
160	46.6	37.0	55.6

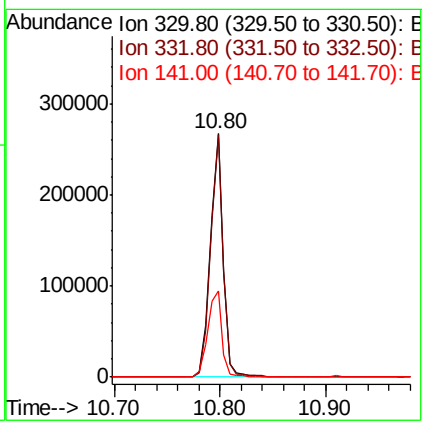


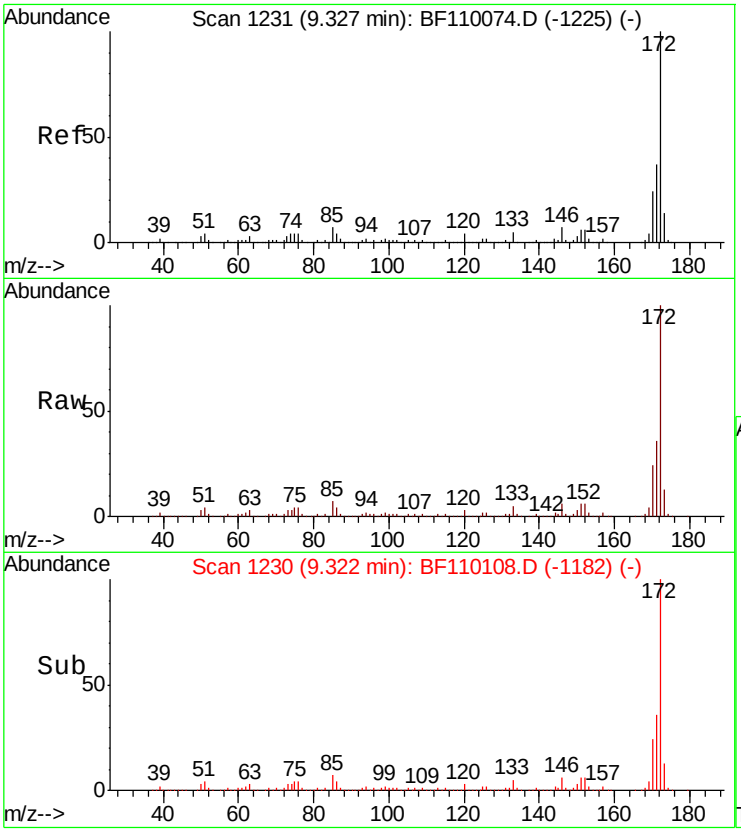


#42
2,4,6-Tribromophenol
Concen: 80.788 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:330 Resp: 231164

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	38.1	27.0	40.4



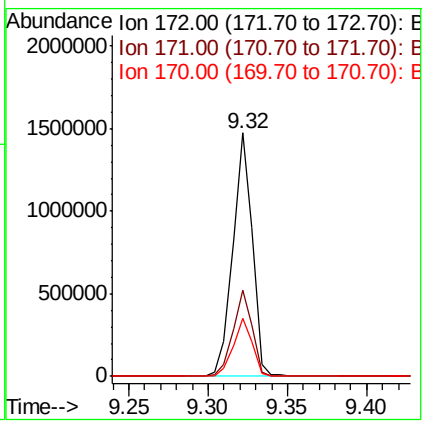


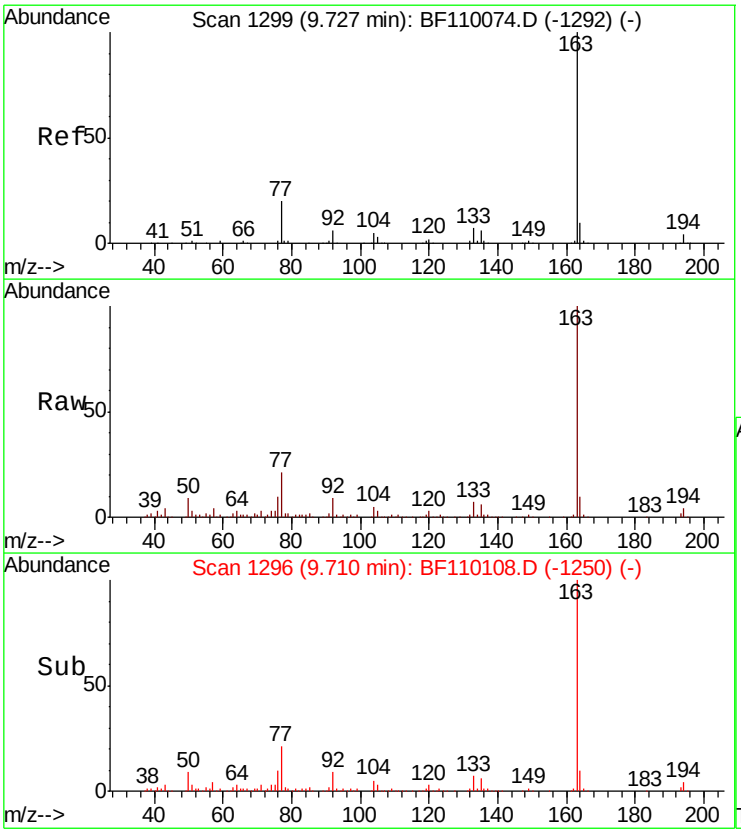
#45
2-Fluorobiphenyl
Concen: 68.159 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1253846

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.1	19.7	29.5

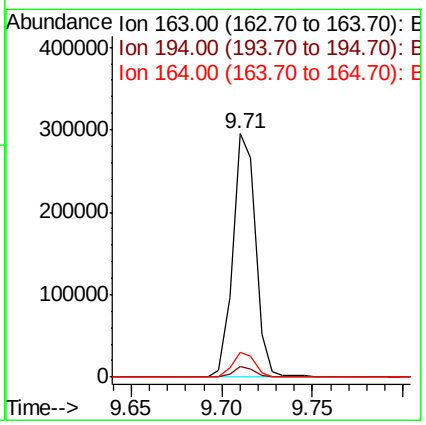


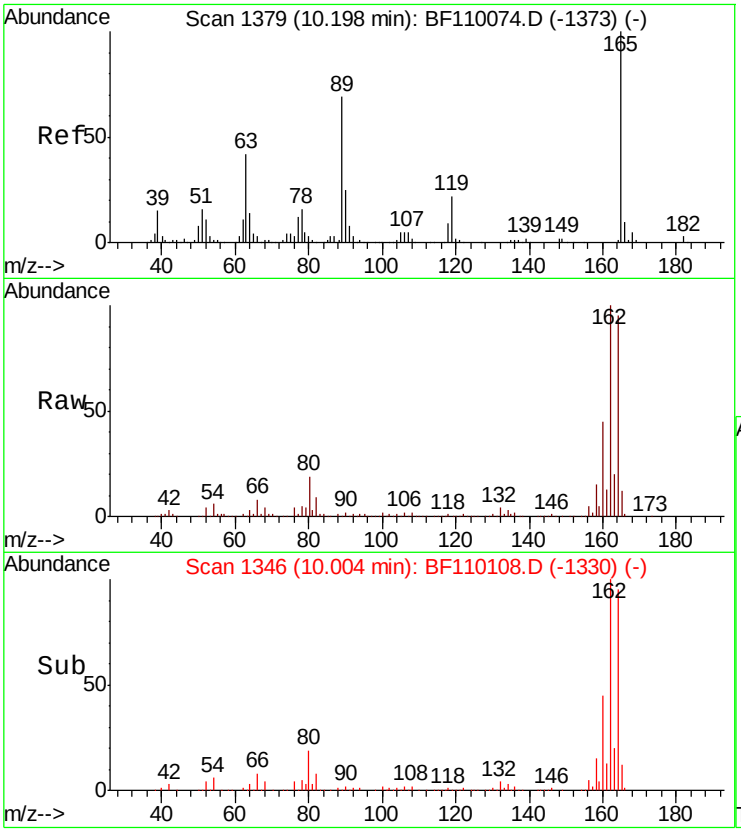


#50
Dimethylphthalate
Concen: 12.130 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:163 Resp: 258643

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	8.1	12.1



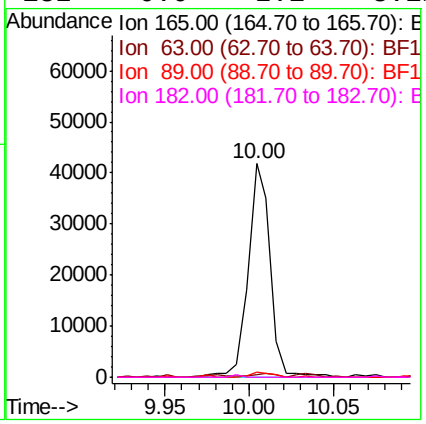


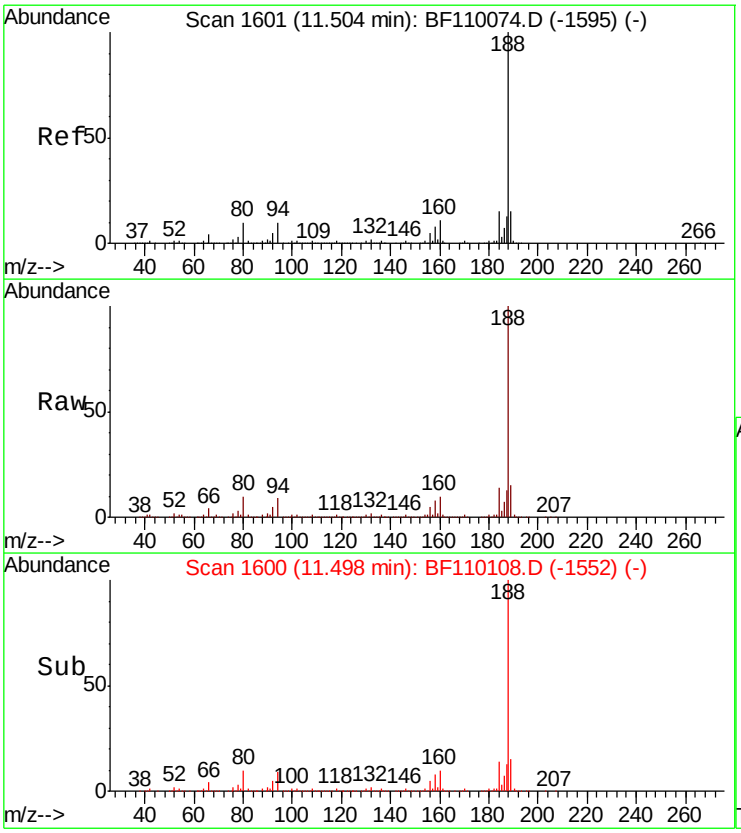
#57
2,4-Dinitrotoluene
Concen: 6.567 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.21 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38310

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	2.2	62.2	93.4#
182	0.0	2.1	3.1#

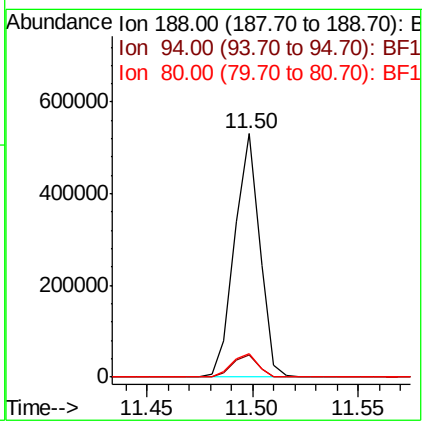


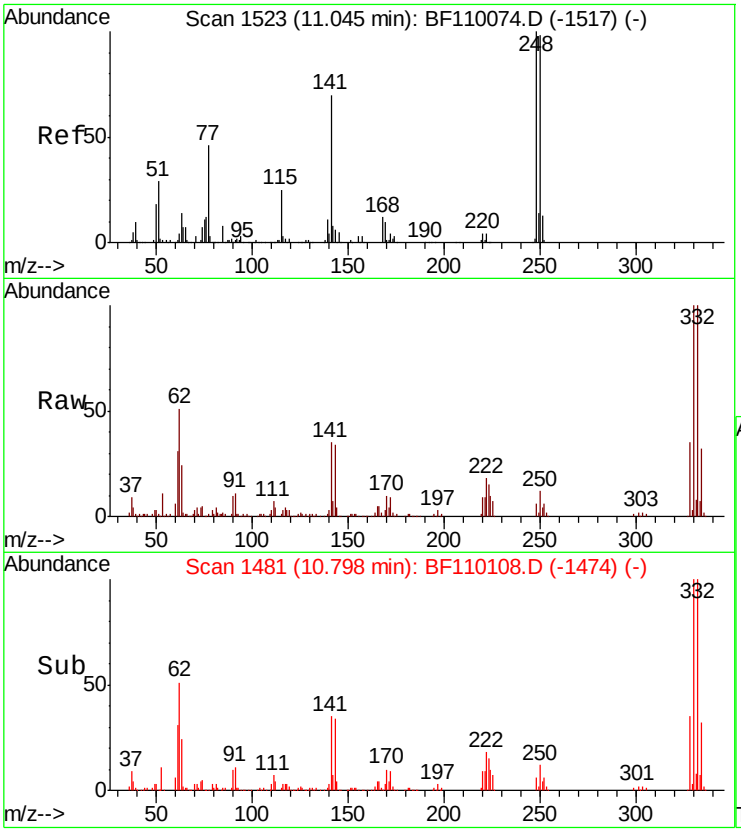


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:188 Resp: 435904

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.6	7.9	11.9



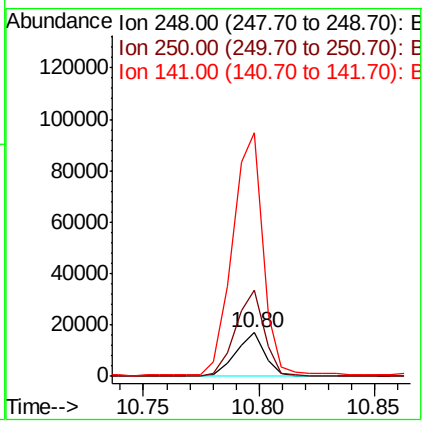


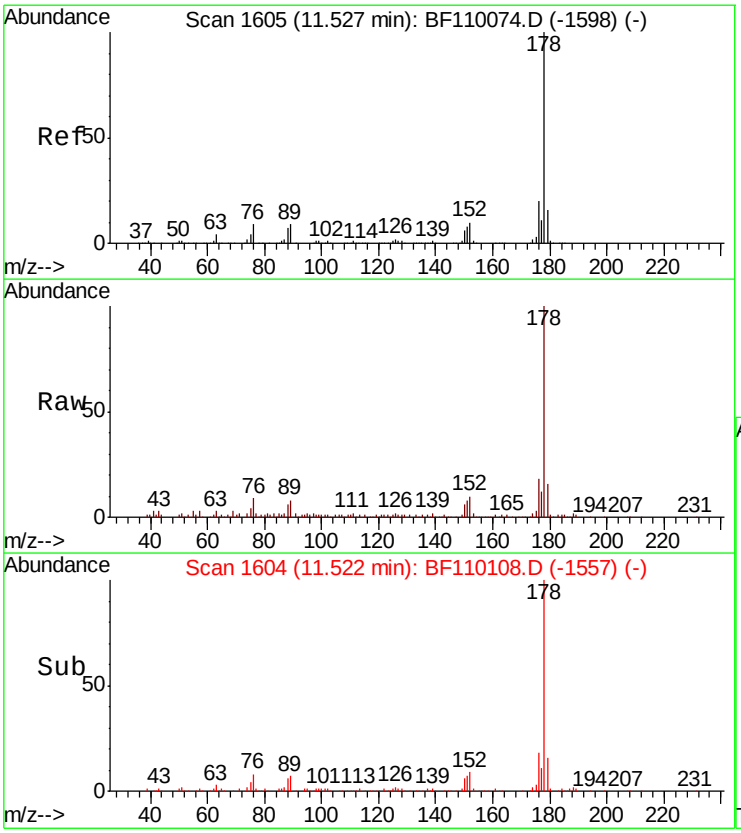
#67
4-Bromophenyl-phenylether
Concen: 3.159 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14939

Ion	Ratio	Lower	Upper
248	100		
250	196.9	79.4	119.2#
141	559.1	55.9	83.9#

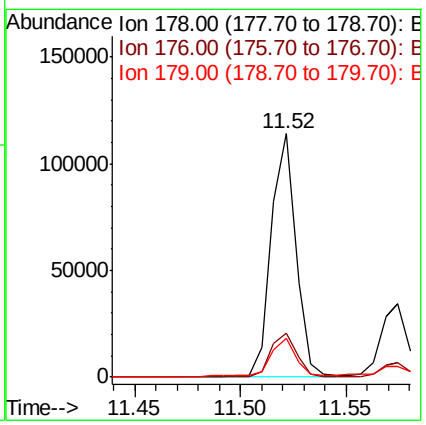


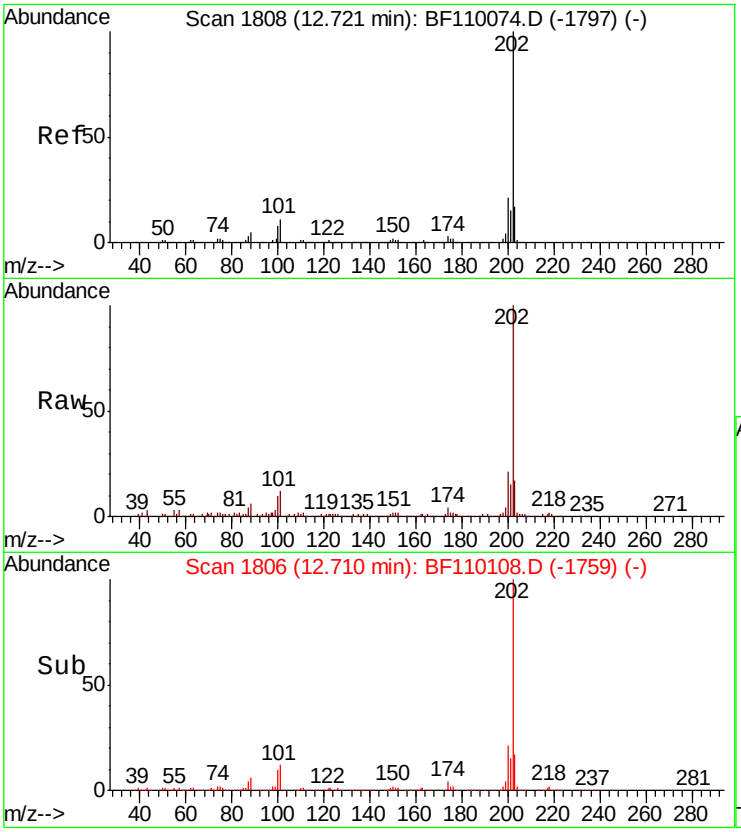


#71
Phenanthrene
Concen: 4.105 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:178 Resp: 93639

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.8	12.5	18.7



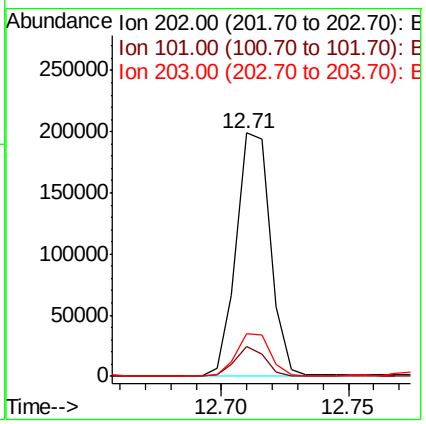


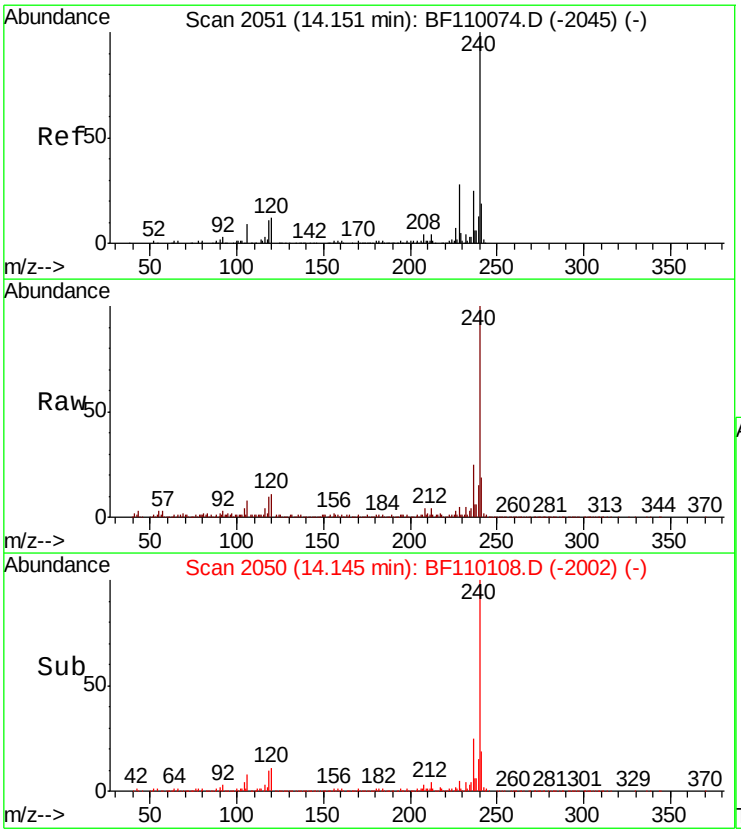
#75
Fluoranthene
Concen: 8.029 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 185864

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.4
203	17.4	0.0	37.7

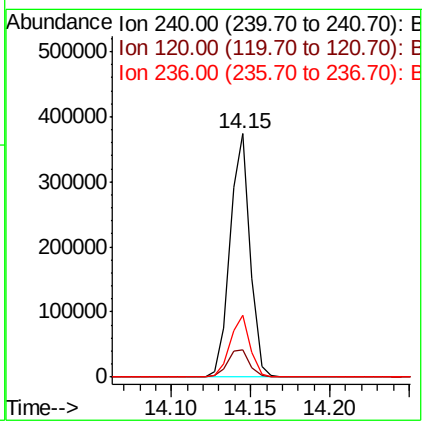


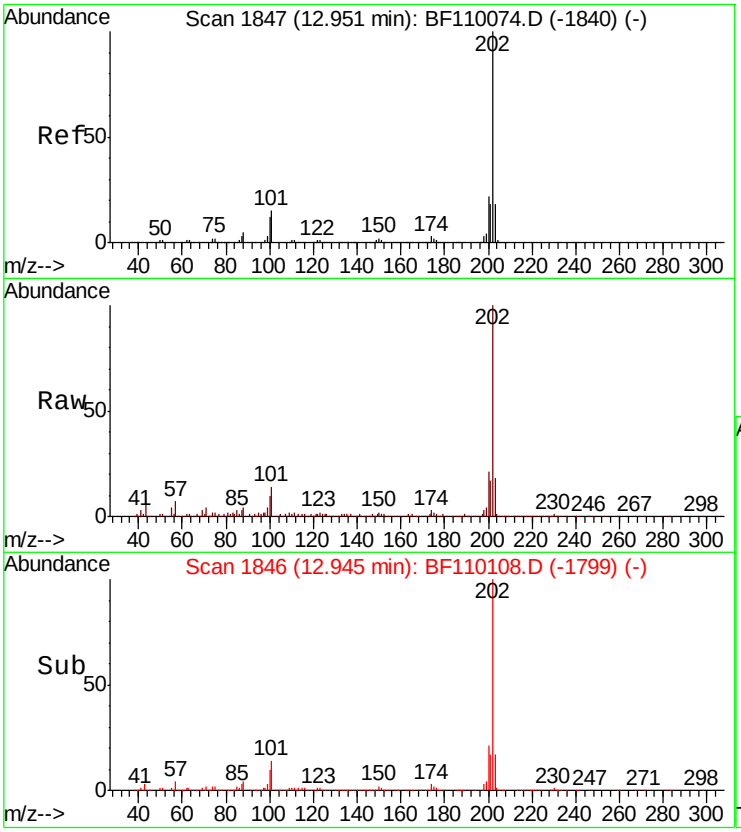


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:240 Resp: 325822

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.3	21.2	31.8



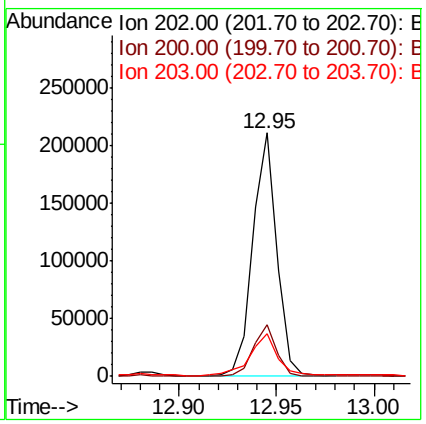


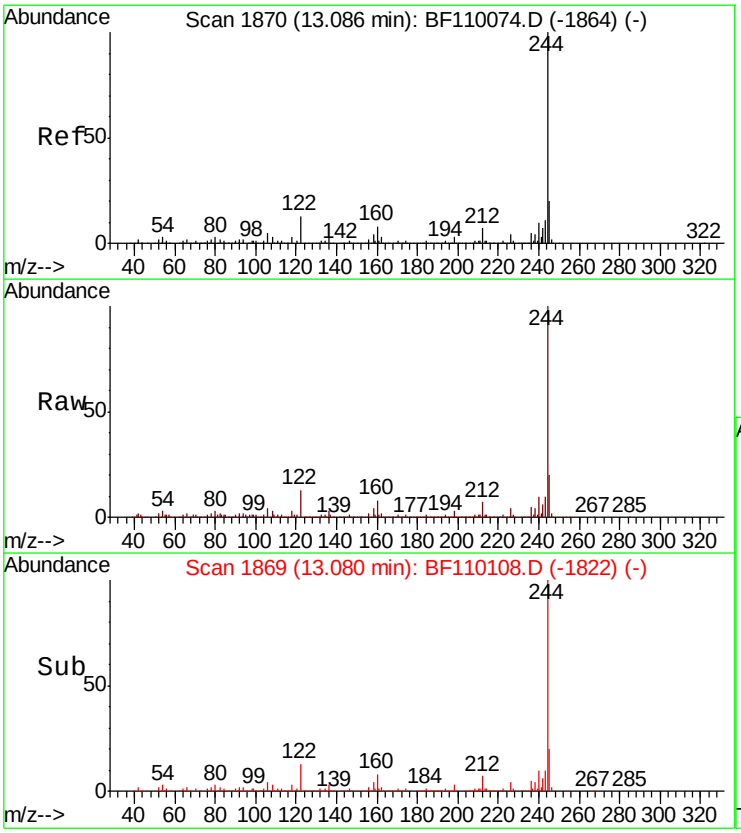
#78
Pyrene
Concen: 7.643 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 178540

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.7	14.2	21.4

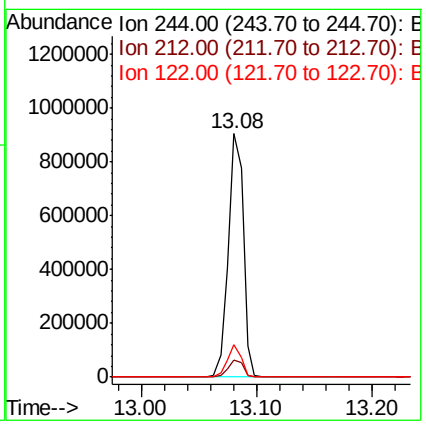


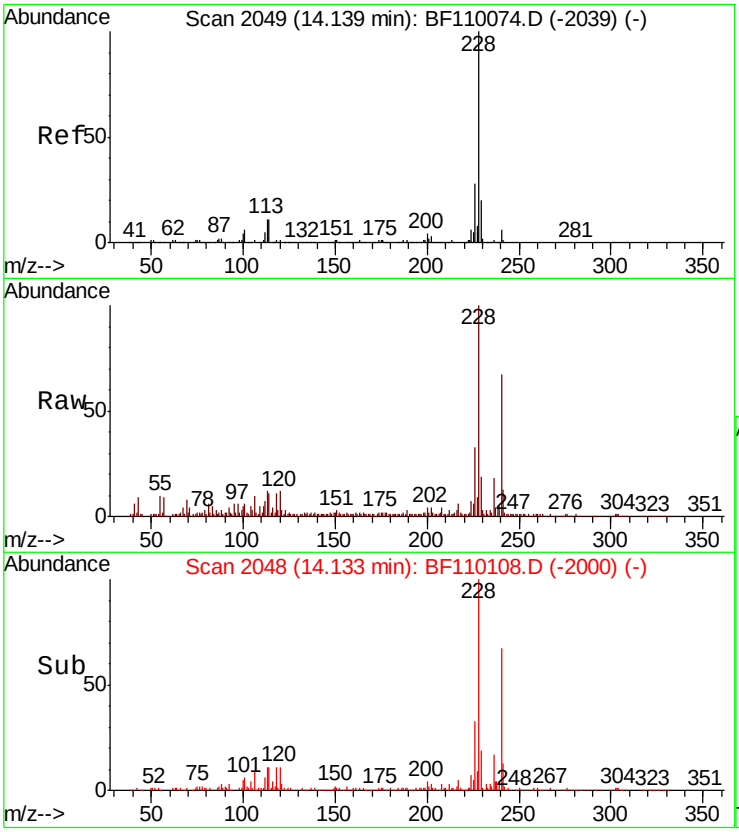


#79
Terphenyl-d14
Concen: 52.060 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:244 Resp: 815614

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.2	8.7	13.1#



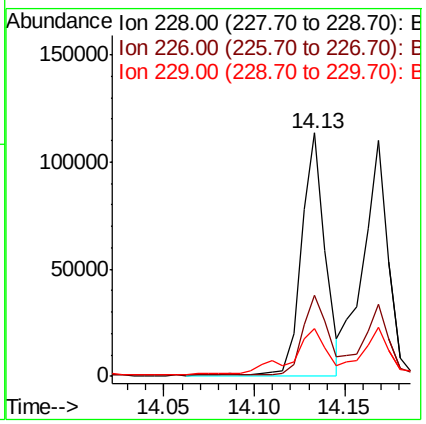


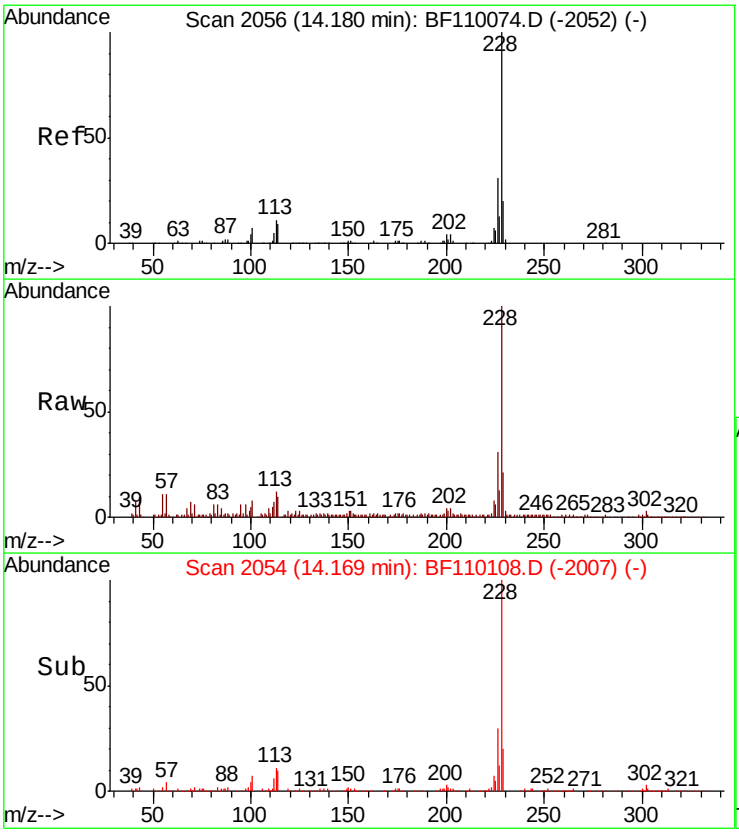
#81
Benzo(a)anthracene
Concen: 5.361 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 103589

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.1	33.1
229	19.5	15.6	23.4

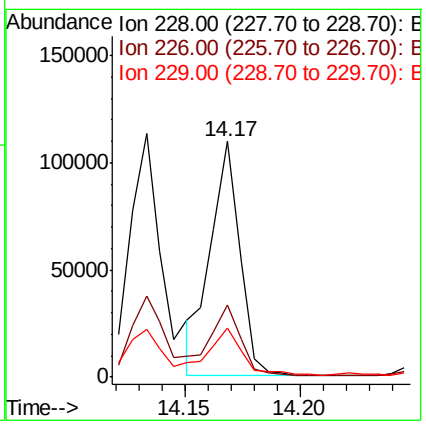


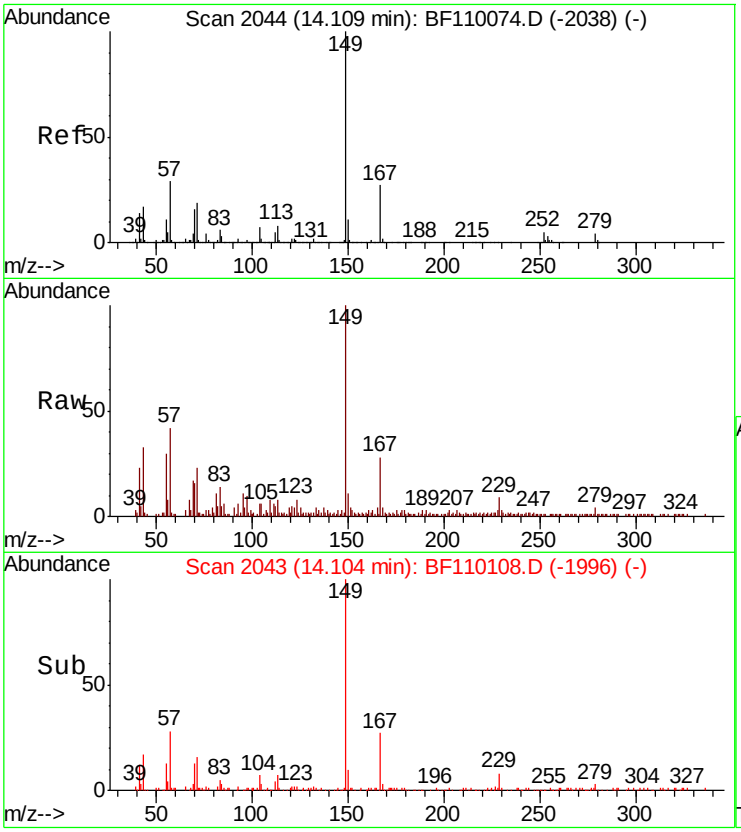


#83
Chrysene
Concen: 5.265 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:228 Resp: 96629

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.9	15.9	23.9



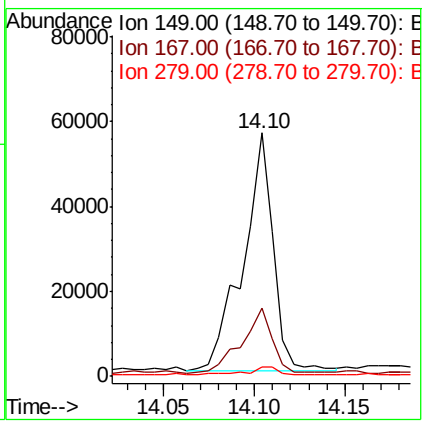


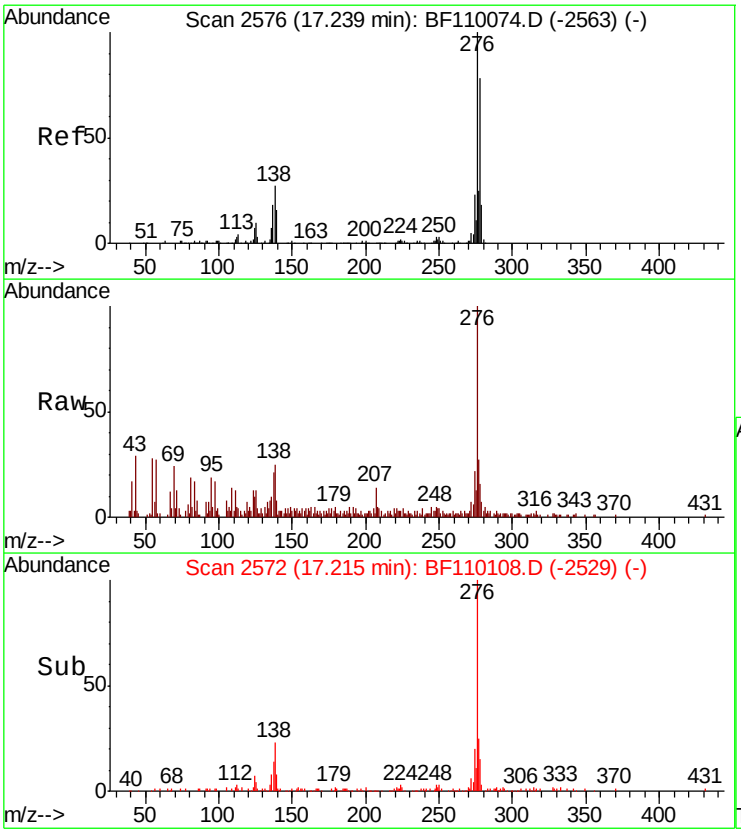
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.777 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 65466

Ion	Ratio	Lower	Upper
149	100		
167	28.1	19.8	29.8
279	3.6	2.7	4.1

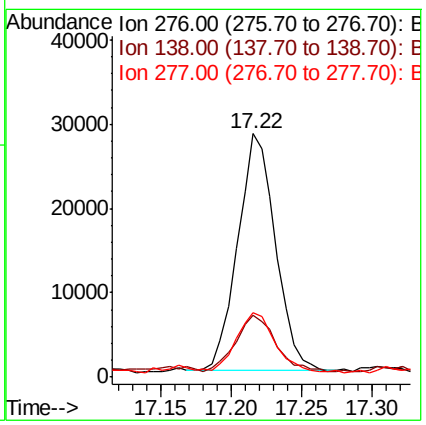


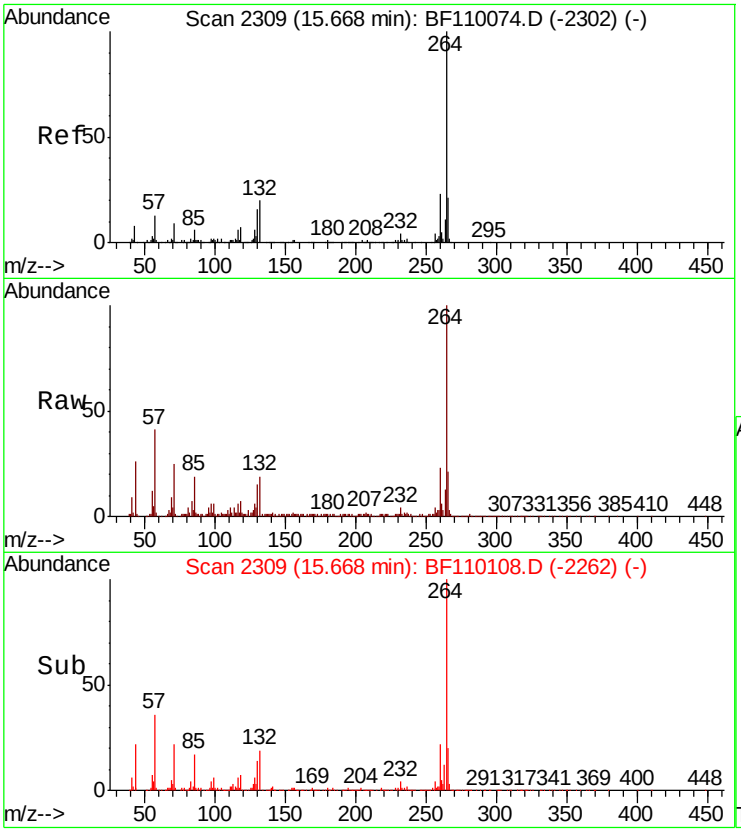


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.458 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:276 Resp: 52651

Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	25.8	20.0	30.0



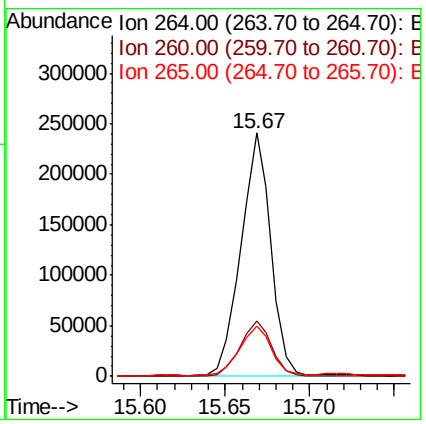


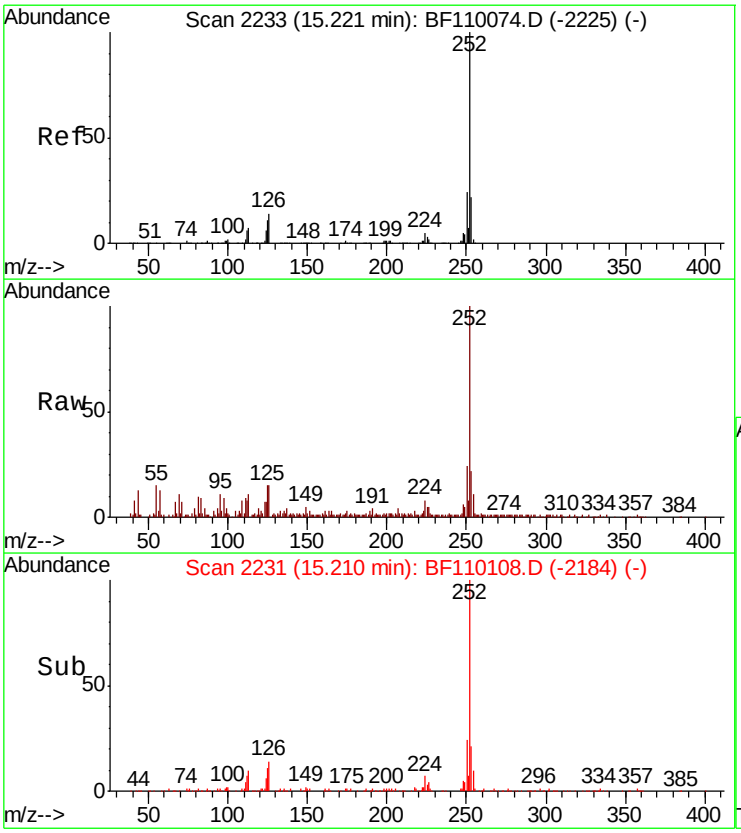
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 296109

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	20.5	16.7	25.1

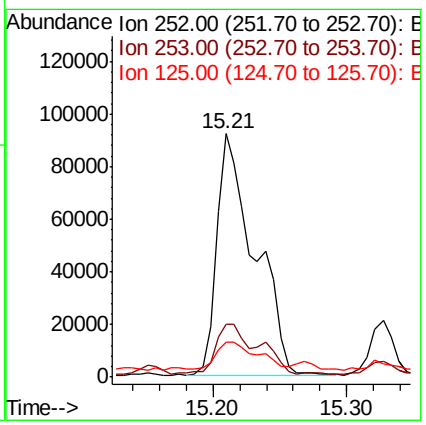


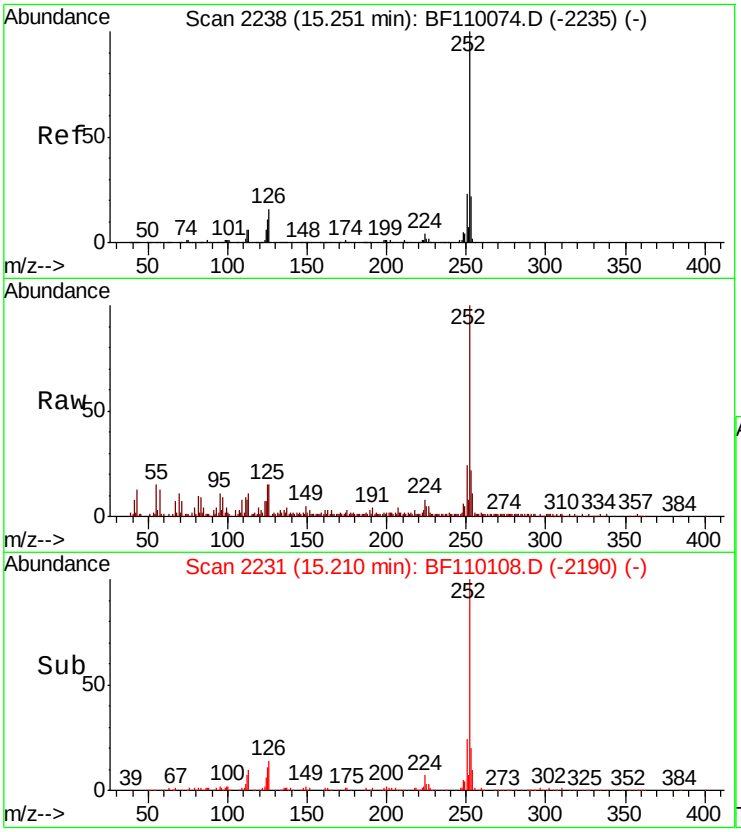


#88
Benzo(b)fluoranthene
Concen: 10.603 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:252 Resp: 181306

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	14.5	8.2	12.4#



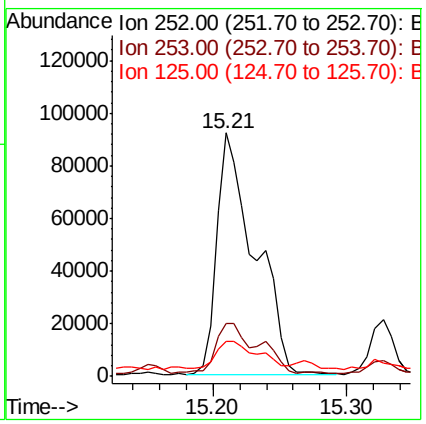


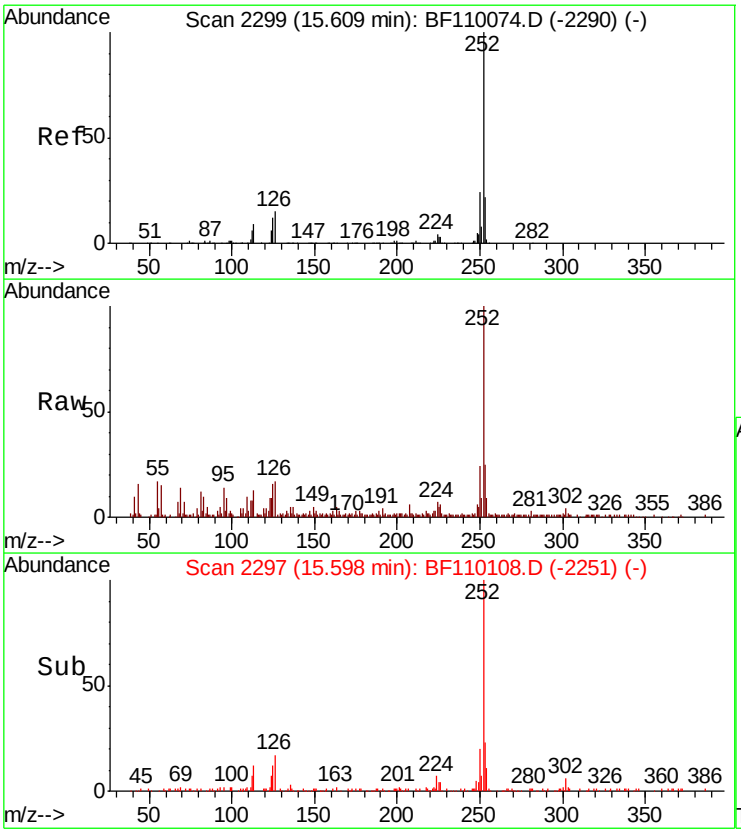
#89
Benzo(k)fluoranthene
Concen: 10.785 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.06 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 181306

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	14.5	7.4	11.0#

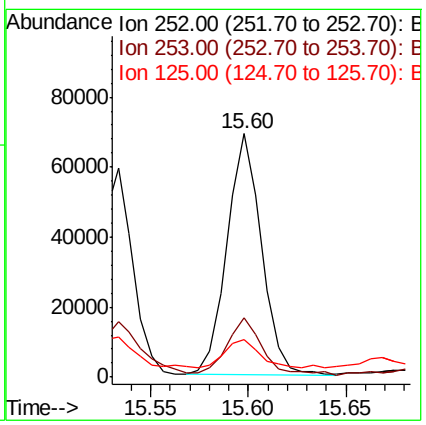


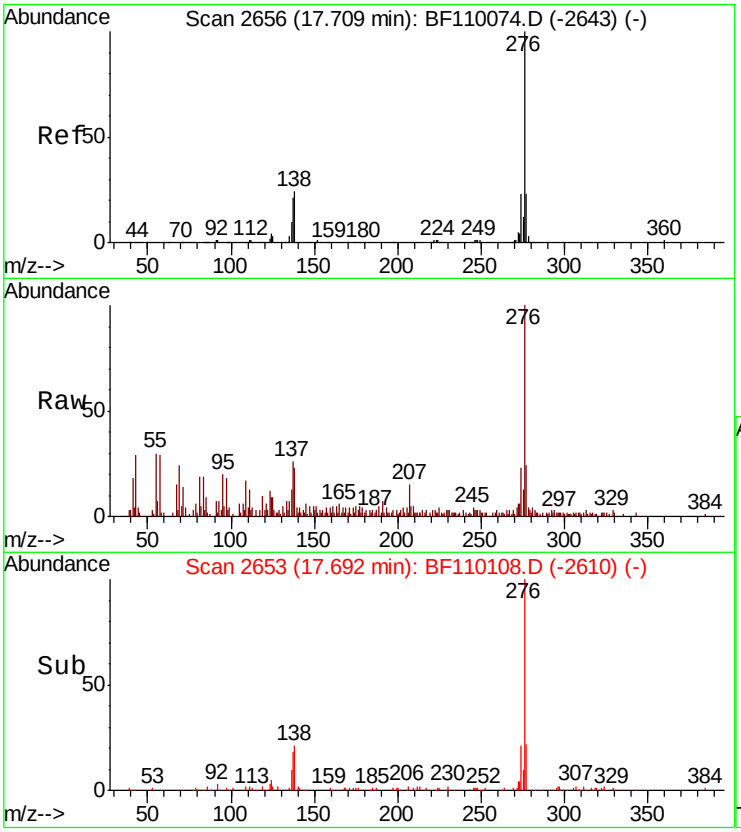


#90
Benzo(a)pyrene
Concen: 5.349 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Tgt Ion:252 Resp: 84165

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	15.5	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 3.765 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.05 min
Lab File: BF110108.D
Acq: 24 Oct 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 50366

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.8	16.0	24.0