Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110046.D
Acq On : 22 Oct 2018 14:03
Operator : JU/SJ
Sample : J5198-03RE 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:08:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	234807	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	922150	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	400456	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	610435	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	446919	20.00	ng		-0.01
87) Perylene-d12	15.67	264	258906	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	662102	44.70	ng		-0.01
7) Phenol-d6	6.59	99	846634	46.03	ng		-0.02
23) Nitrobenzene-d5	7.53	82	513336	37.50	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	143976	41.53	ng		-0.02
45) 2-Fluorobiphenyl	9.33	172	898978	35.82	ng		-0.01
79) Terphenyl-d14	13.09	244	619365	29.10	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	80646	4.061	ng	#	63
25) Isophorone	7.53	82	511532	19.018	ng	#	67
31) Naphthalene	8.27	128	104477	2.471	ng		98
49) Acenaphthylene	9.87	152	80439	2.107	ng		98
50) Dimethylphthalate	9.72	163	134927	4.758	ng		100
57) 2,4-Dinitrotoluene	10.01	165	53888	11.748	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.80	198	226	7.990	ng	#	1
71) Phenanthrene	11.53	178	256252	8.109	ng		99
72) Anthracene	11.57	178	73812	2.323	ng		97
75) Fluoranthene	12.72	202	412688	13.072	ng		99
78) Pyrene	12.95	202	438629	13.363	ng		99
81) Benzo(a)anthracene	14.17	228	205136	7.793	ng		94
83) Chrysene	14.17	228	205136	8.187	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	145733	7.224	ng		99
88) Benzo(b)fluoranthene	15.22	252	357205	23.931	ng	#	91
89) Benzo(k)fluoranthene	15.22	252	357205	24.279	ng	#	91
90) Benzo(a)pyrene	15.60	252	214243	15.606	ng	#	96
91) Dibenzo(a,h)anthracene	17.23	278	30006	2.466	ng	#	71
92) Benzo(g,h,i)perylene	17.70	276	168161	13.680	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110046.D
Acq On : 22 Oct 2018 14:03
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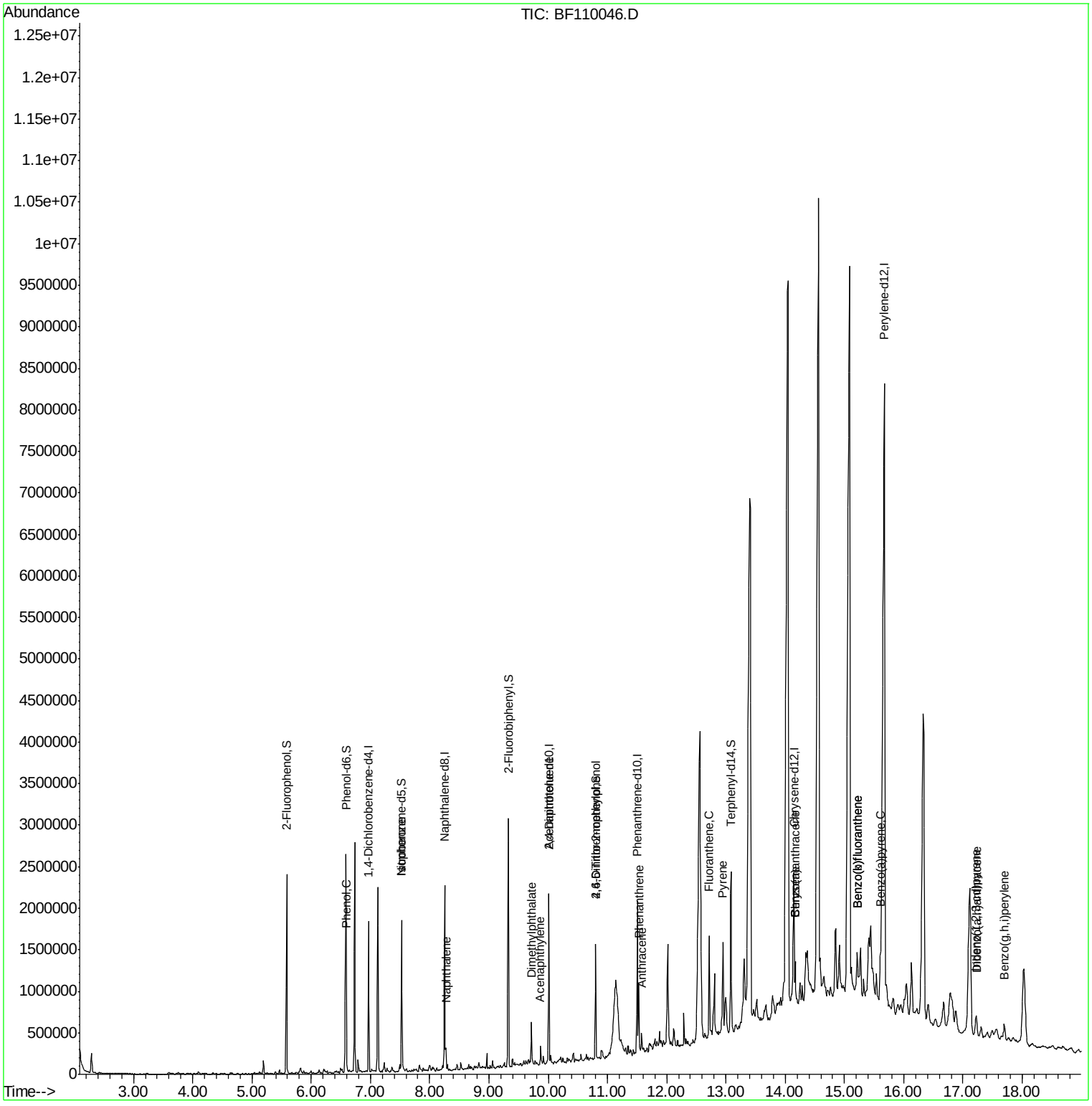
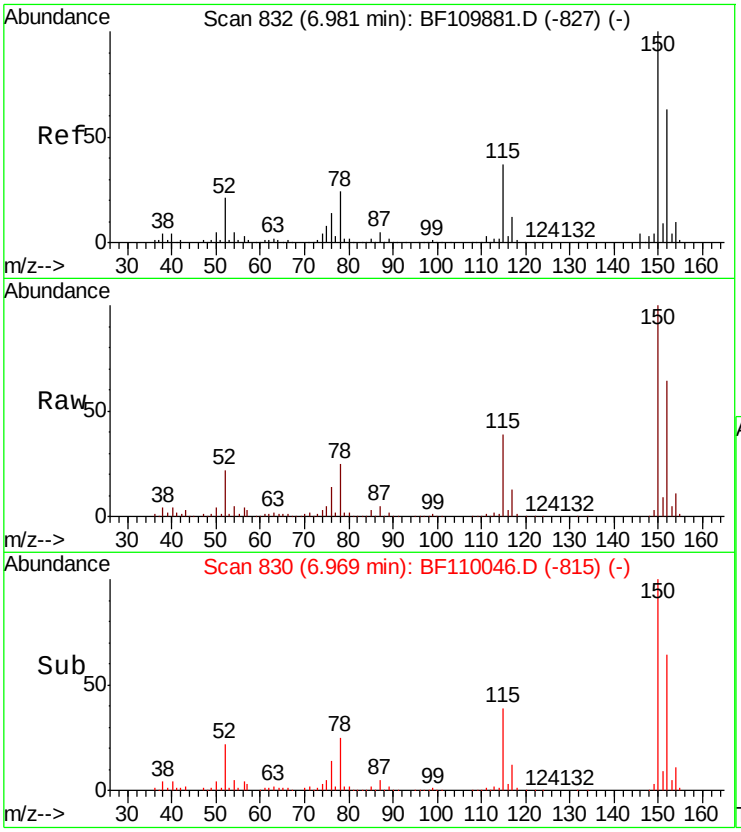
Sample : J5198-03RE 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 23 02:08:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



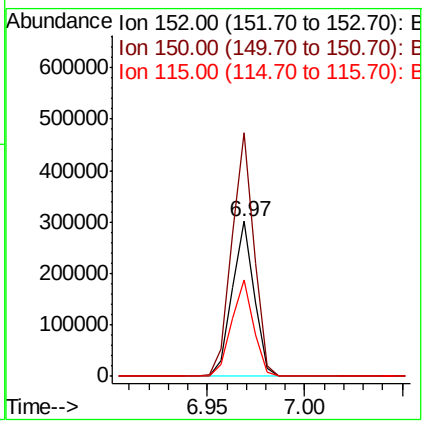


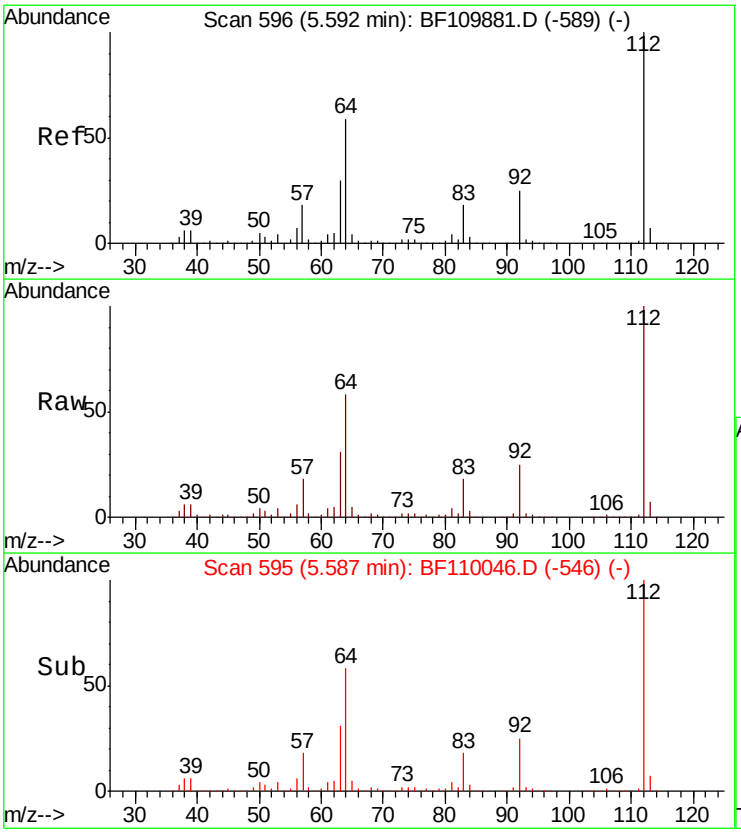
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 234807

Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	62.1	49.1	73.7

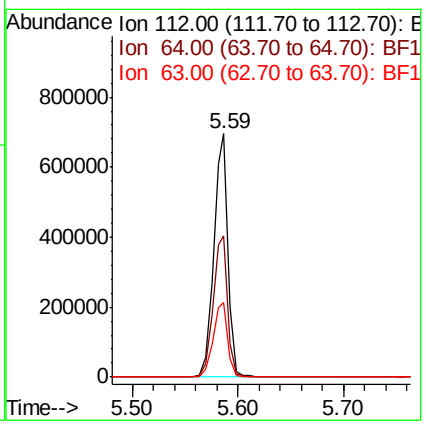


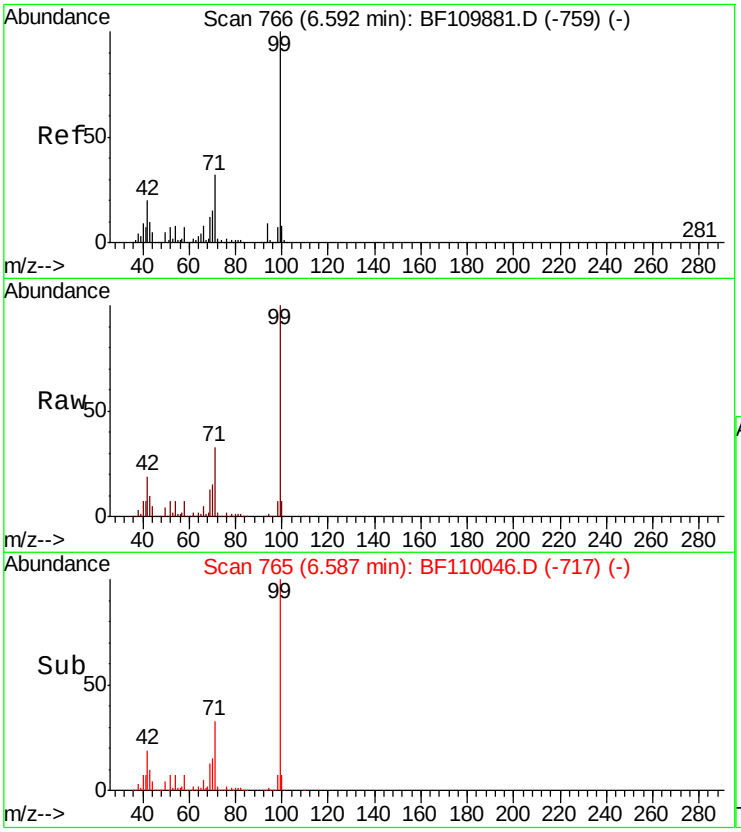


#5
2-Fluorophenol
Concen: 44.697 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:112 Resp: 662102

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	30.7	23.7	35.5



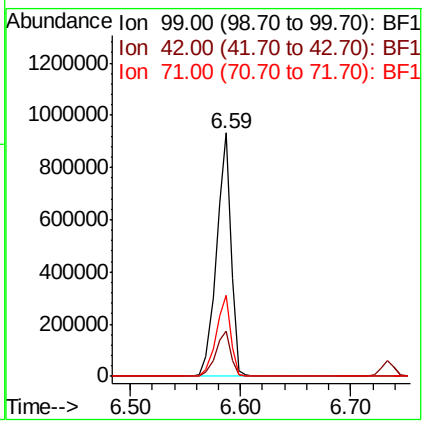


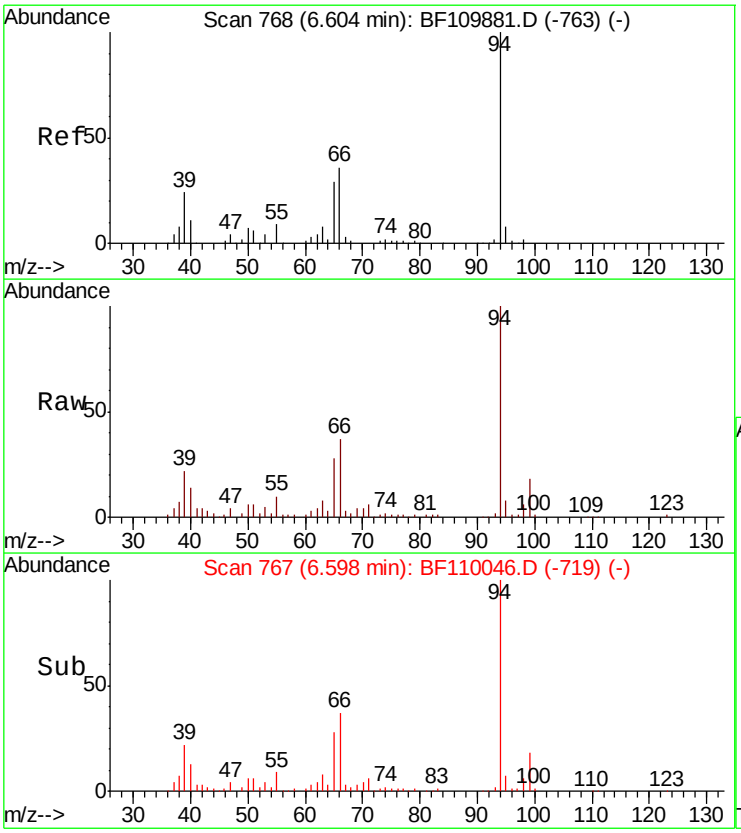
#7
Phenol-d6
Concen: 46.028 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 846634

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	33.2	28.0	42.0

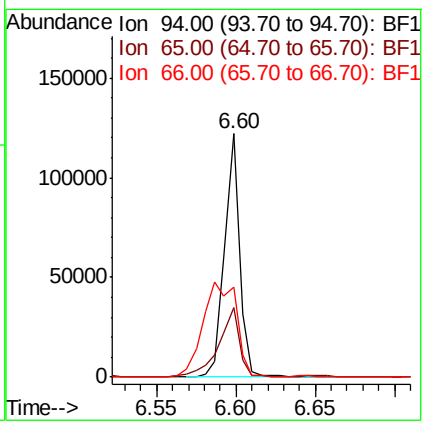


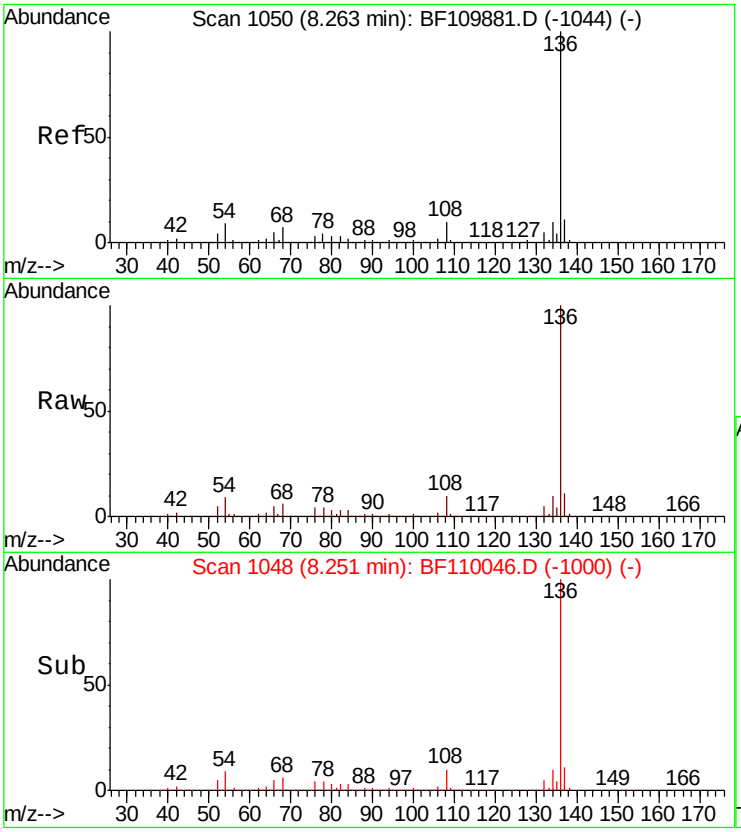


#10
Phenol
Concen: 4.061 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion: 94 Resp: 80646

Ion	Ratio	Lower	Upper
94	100		
65	28.5	25.3	65.3
66	37.1	54.5	94.5#



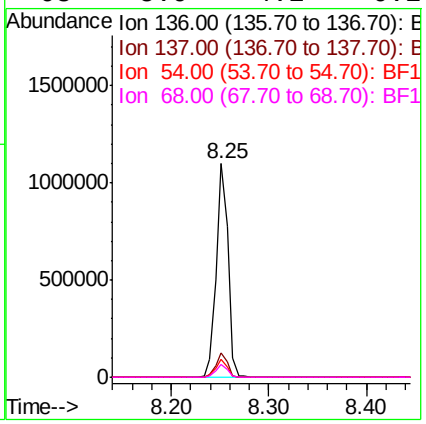


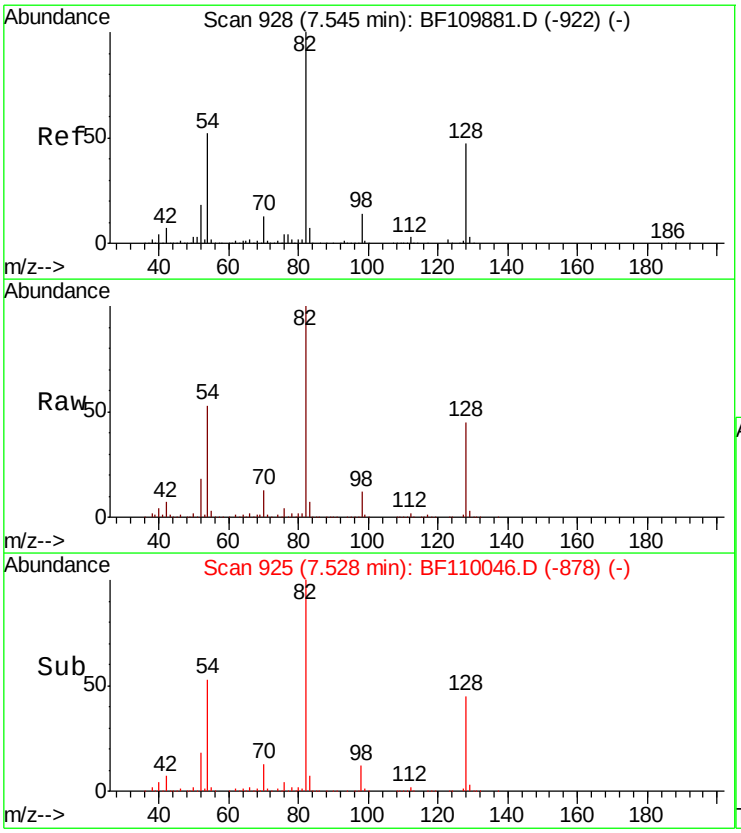
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 922150

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.6	5.4	8.2#
68	5.9	4.2	6.2

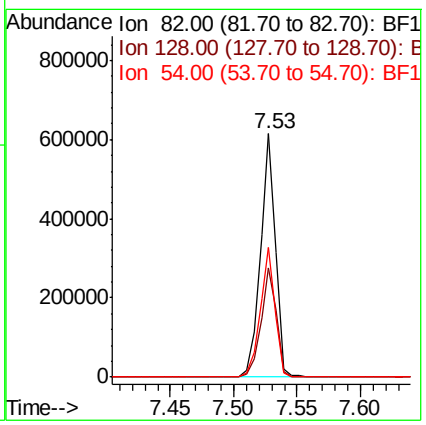


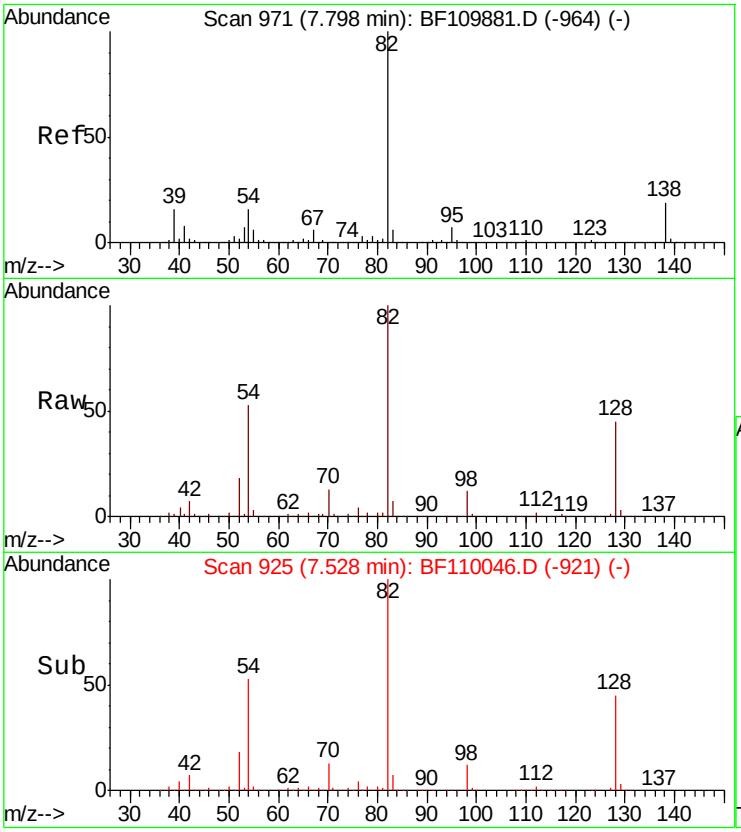


#23
Nitrobenzene-d5
Concen: 37.500 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion: 82 Resp: 513336

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	53.1	38.6	58.0



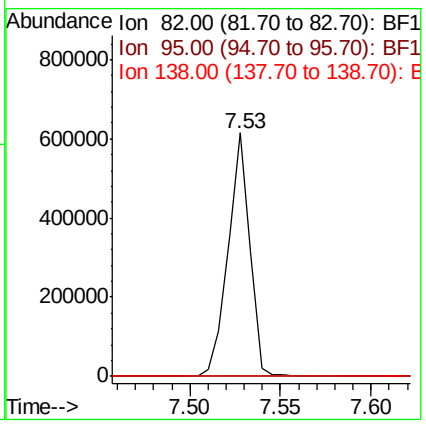


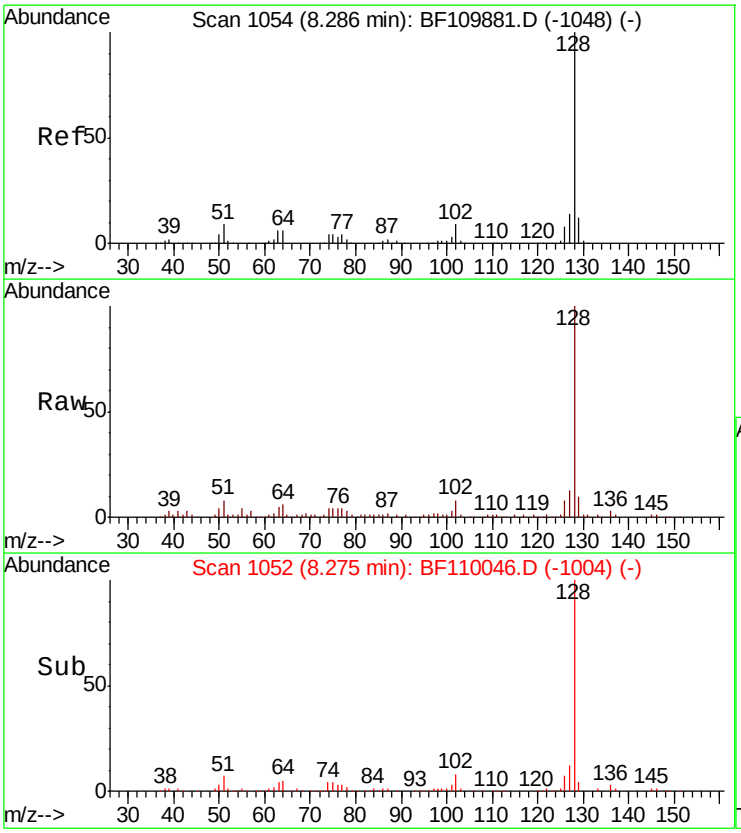
#25
Isophorone
Concen: 19.018 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 511532

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.7	8.5#
138	0.0	13.2	19.8#

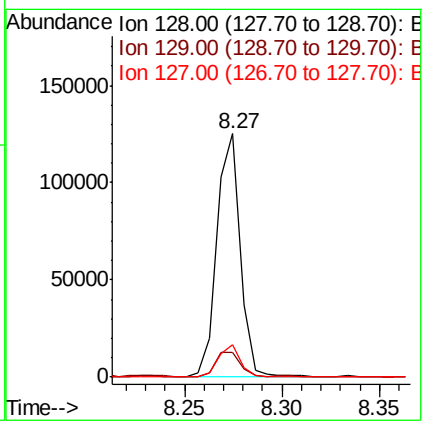


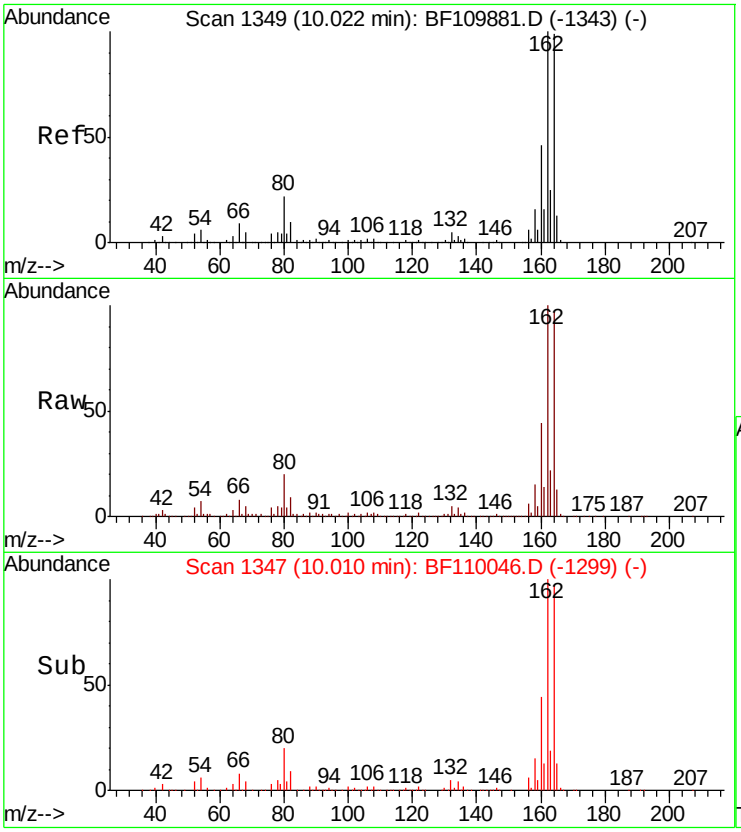


#31
Naphthalene
Concen: 2.471 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:128 Resp: 104477

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	13.2	10.8	16.2



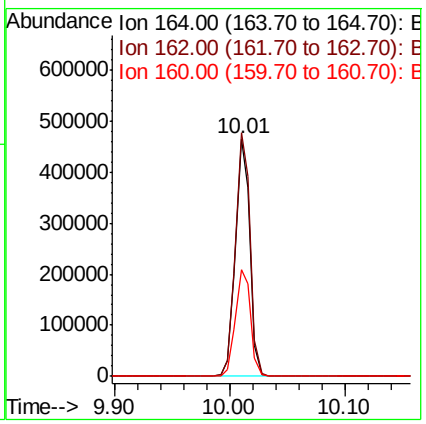


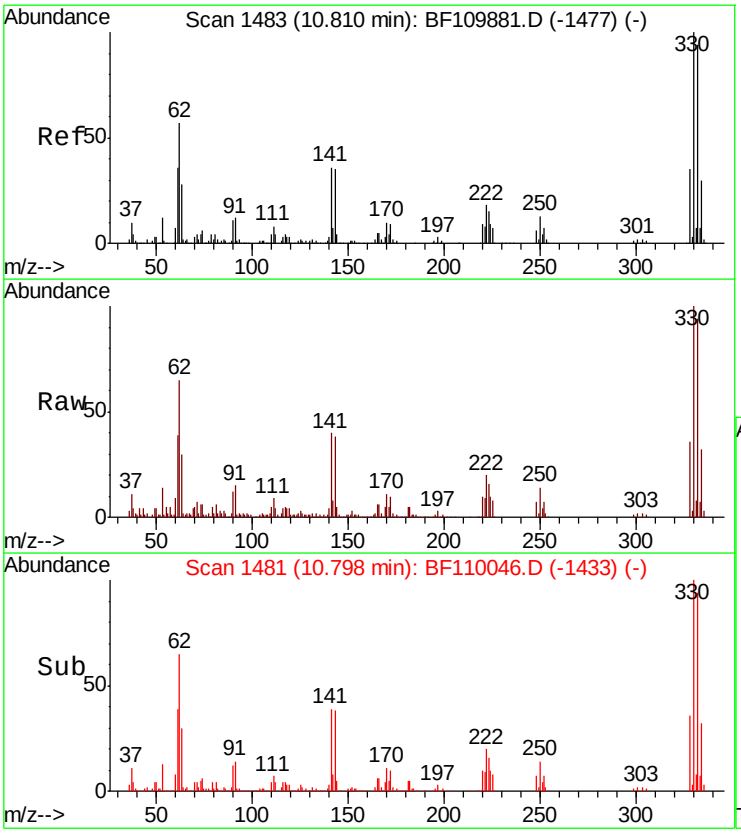
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 400456

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	45.2	37.0	55.6

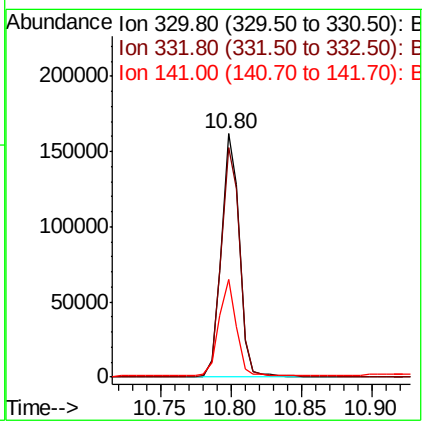


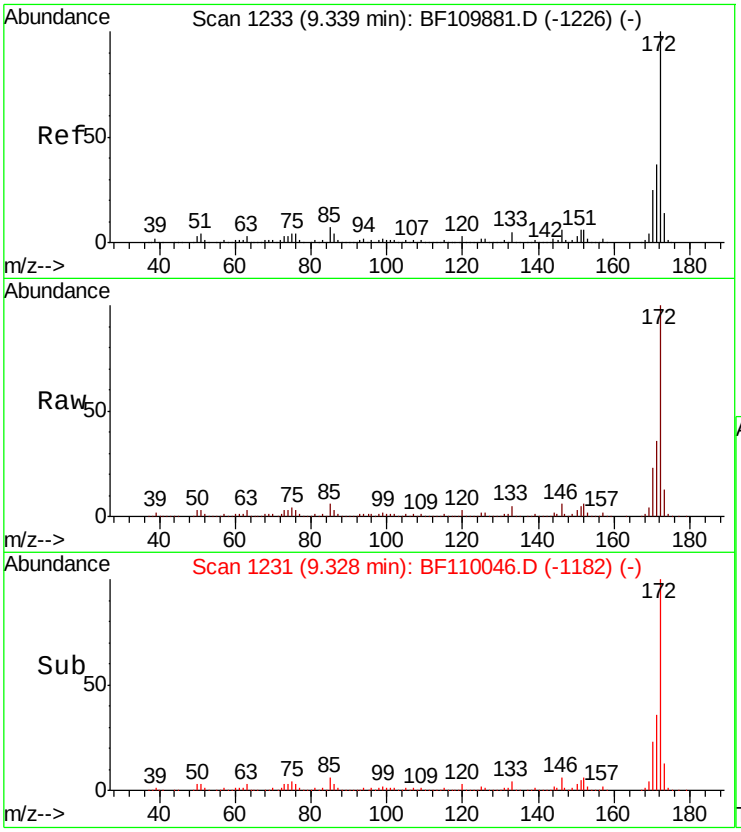


#42
2,4,6-Tribromophenol
Concen: 41.527 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:330 Resp: 143976

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	38.7	27.0	40.4



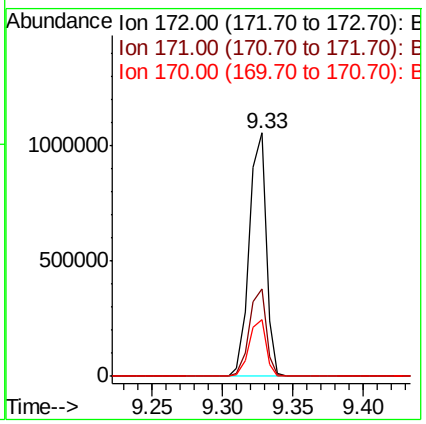


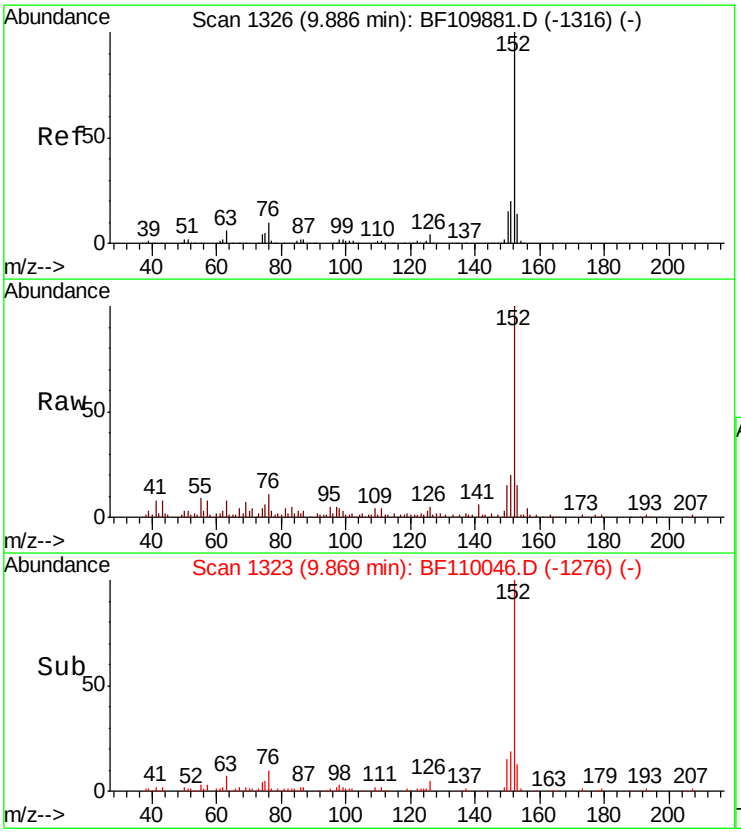
#45
2-Fluorobiphenyl
Concen: 35.821 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 898978

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.4	19.7	29.5

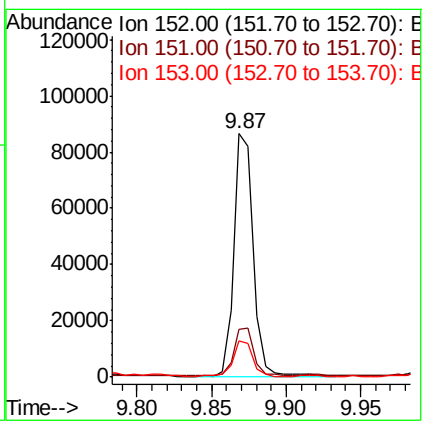


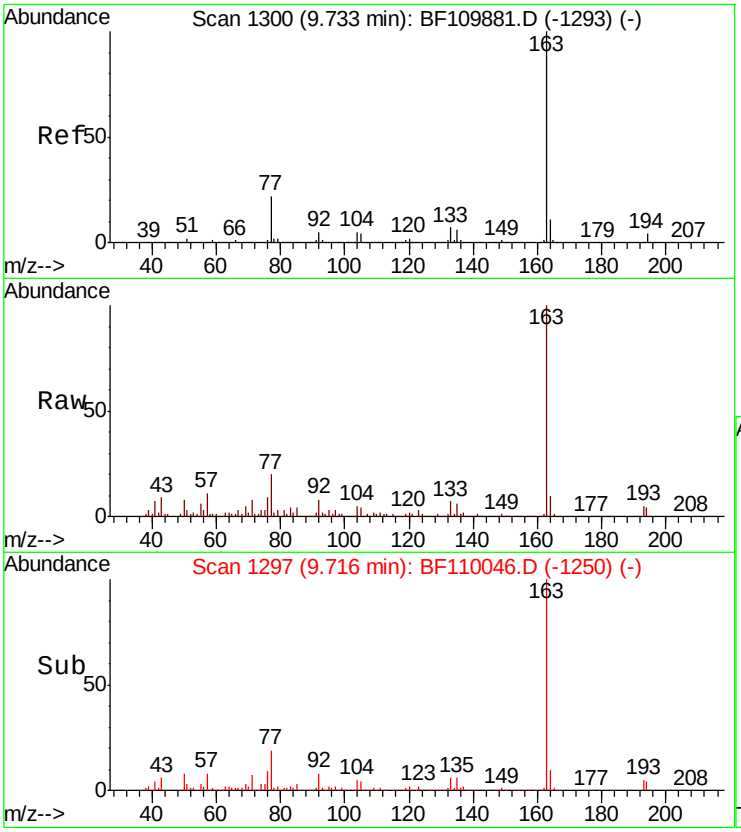


#49
Acenaphthylene
Concen: 2.107 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:152 Resp: 80439

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	14.8	10.4	15.6



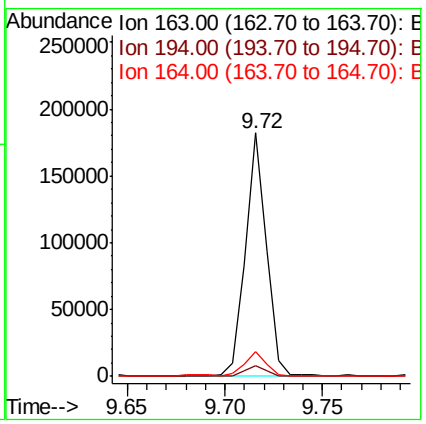


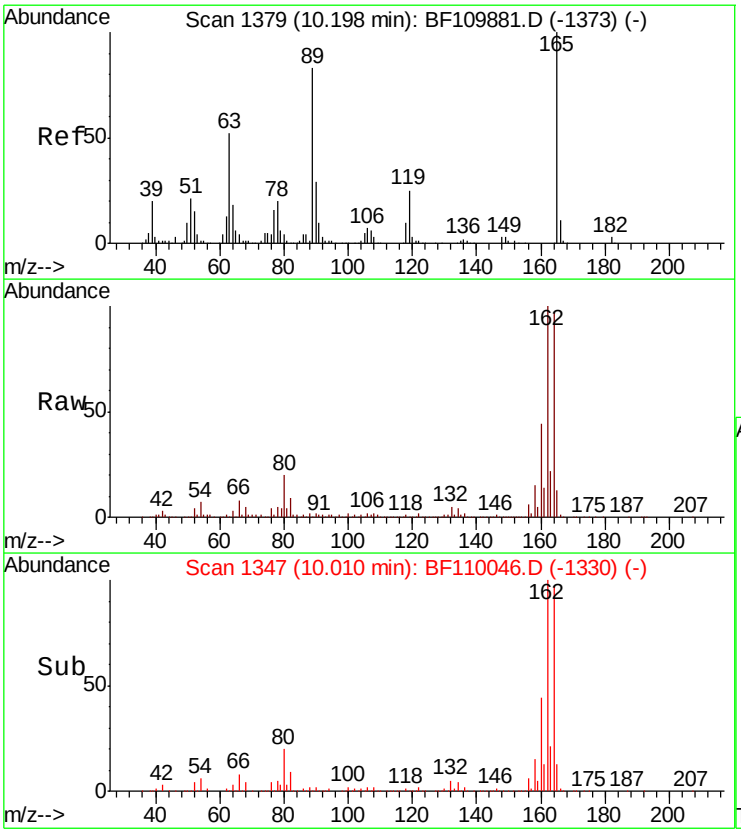
#50
Dimethylphthalate
Concen: 4.758 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 134927

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.1	8.1	12.1

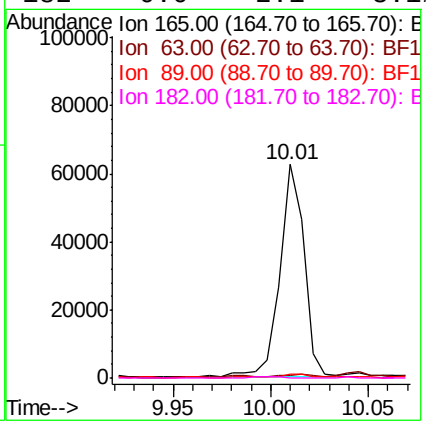


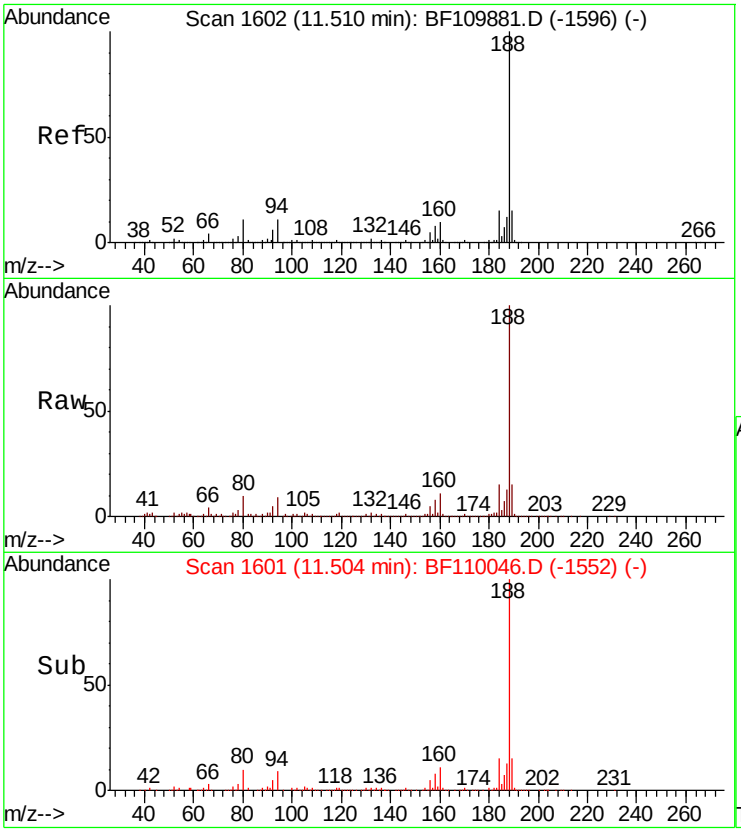


#57
2,4-Dinitrotoluene
Concen: 11.748 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:165 Resp: 53888

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



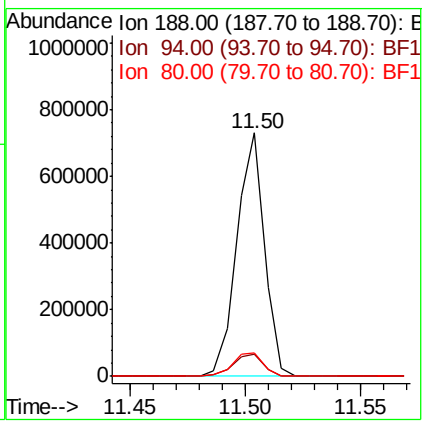


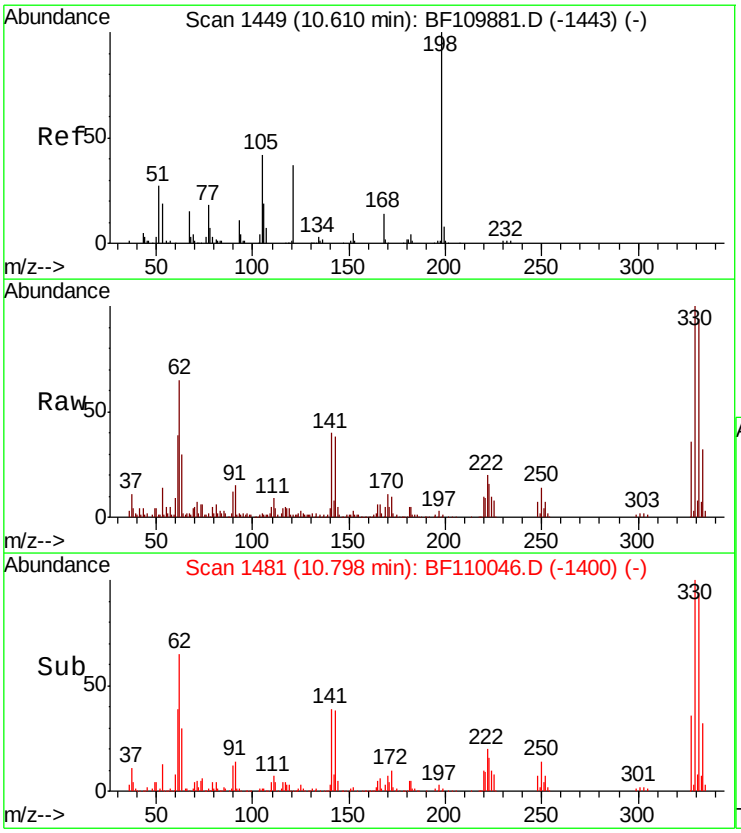
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 610435

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.9	7.9	11.9

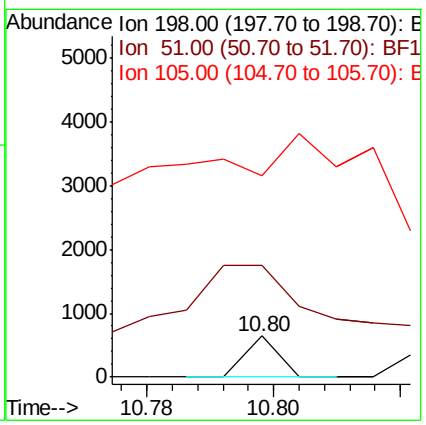


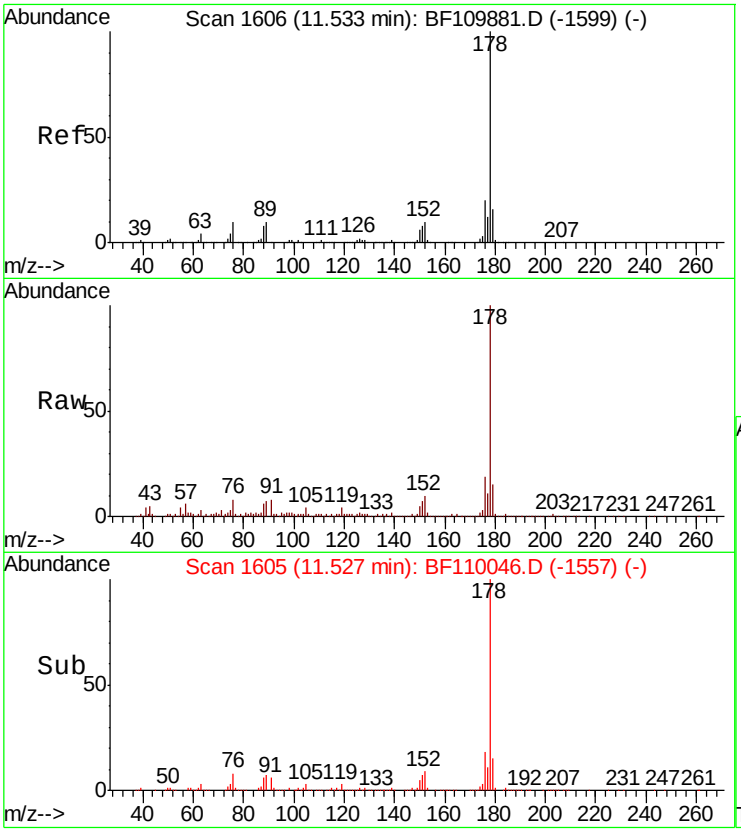


#65
4,6-Dinitro-2-methylphenol
Concen: 7.990 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:198 Resp: 226

Ion	Ratio	Lower	Upper
198	100		
51	274.3	22.8	62.8#
105	495.6	23.6	63.6#



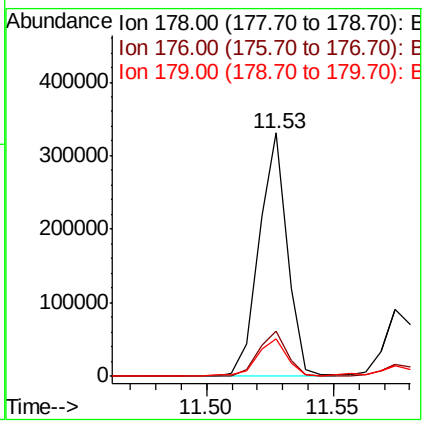


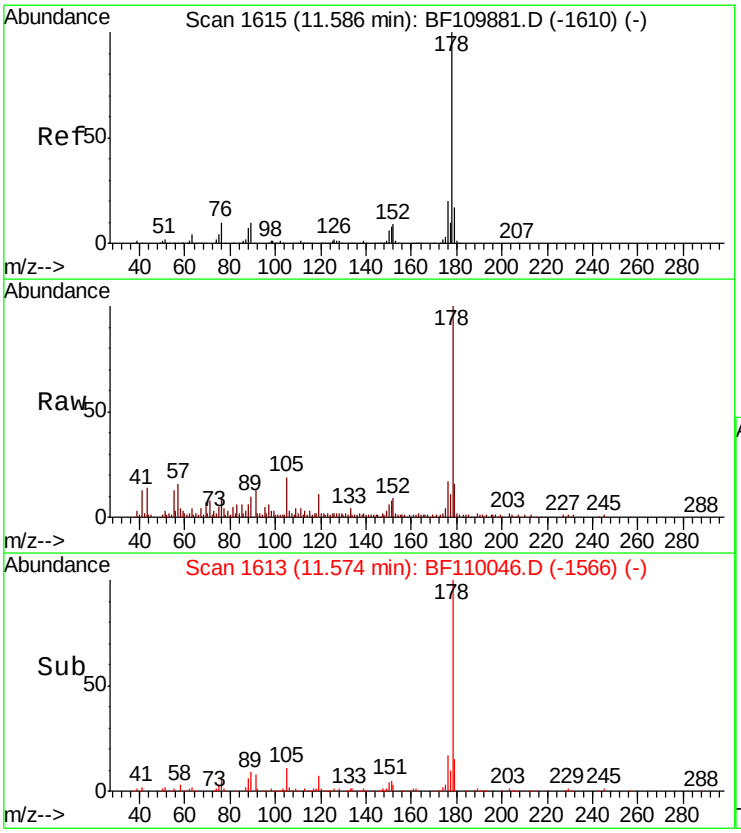
#71
Phenanthrene
Concen: 8.109 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 256252

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.2	12.5	18.7

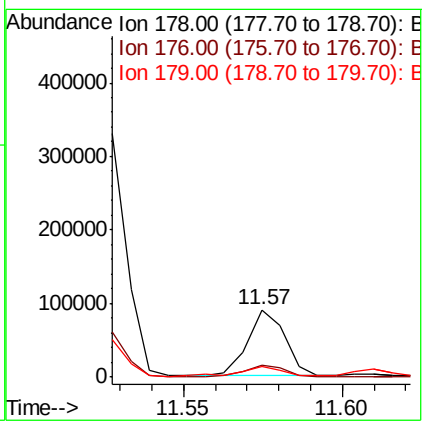


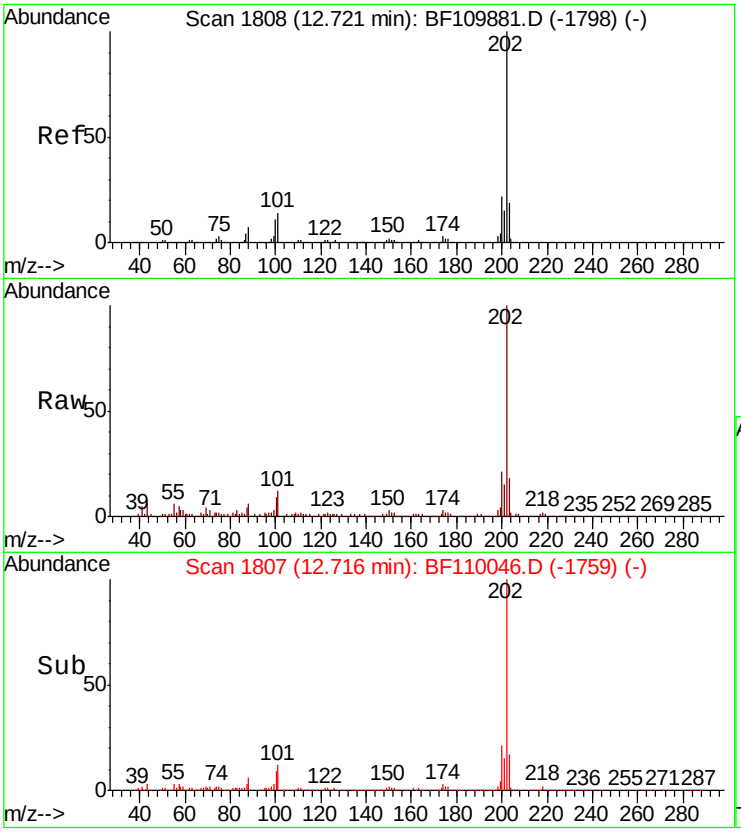


#72
Anthracene
Concen: 2.323 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:178 Resp: 73812

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.2
179	16.2	12.6	18.8



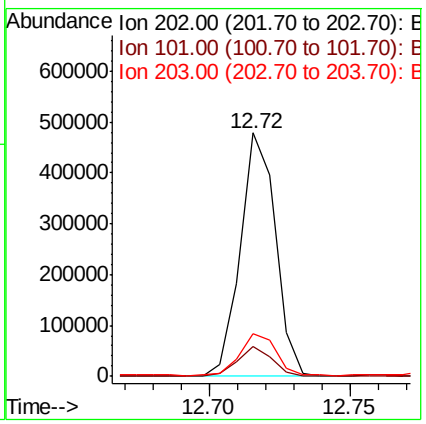


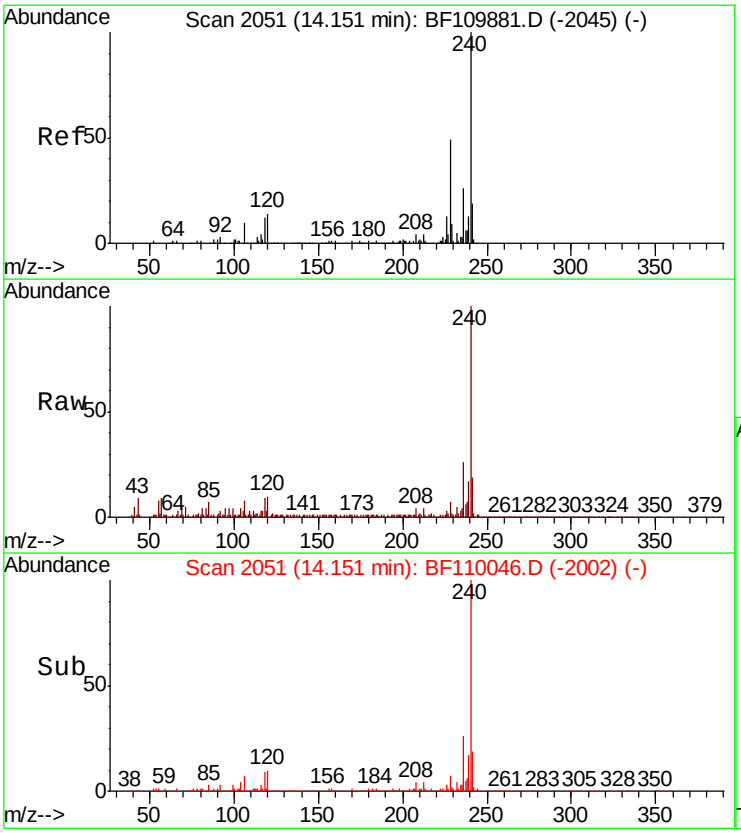
#75
Fluoranthene
Concen: 13.072 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 412688

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.4
203	17.7	0.0	37.7

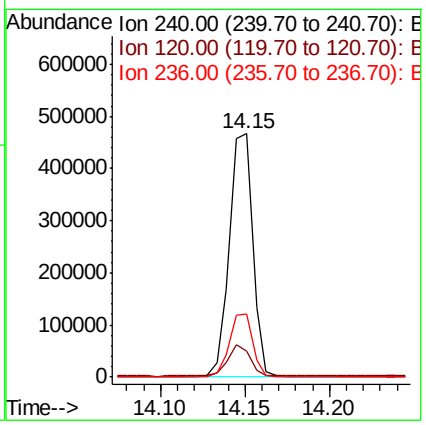


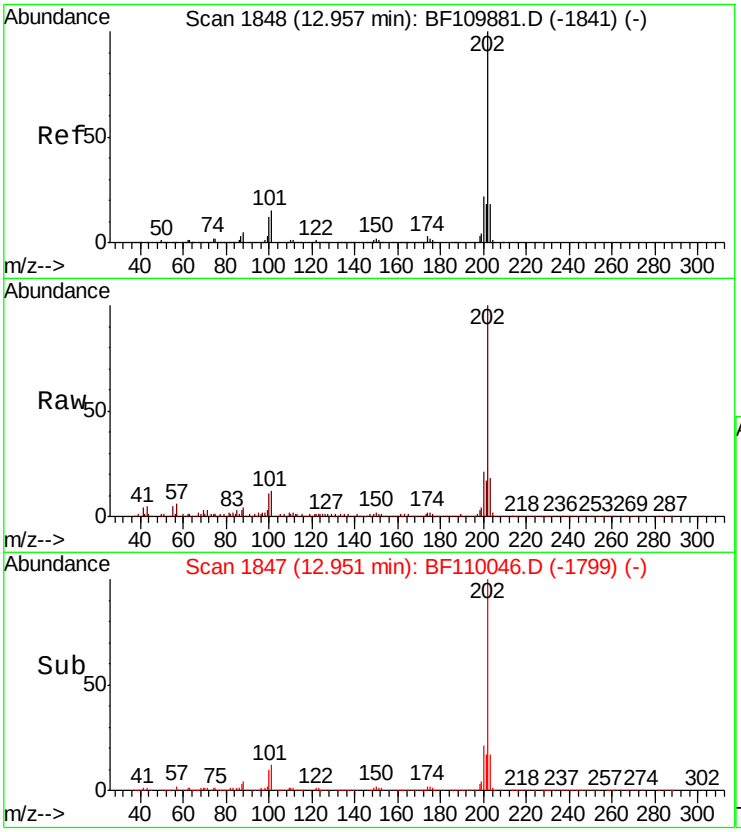


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:240 Resp: 446919

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	25.8	21.2	31.8



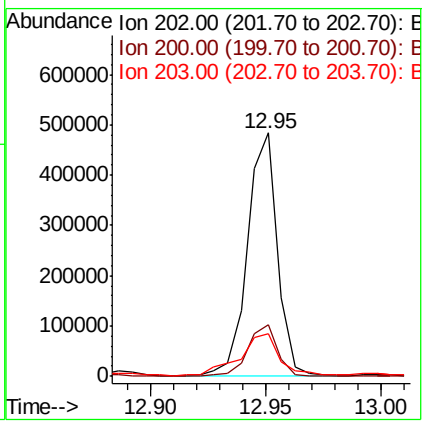


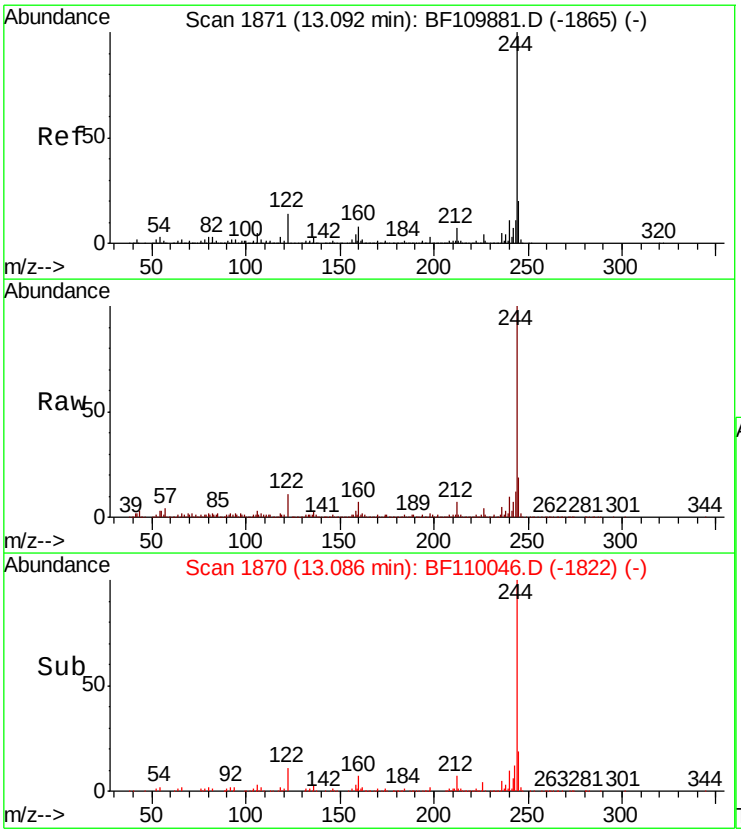
#78
Pyrene
Concen: 13.363 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 438629

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

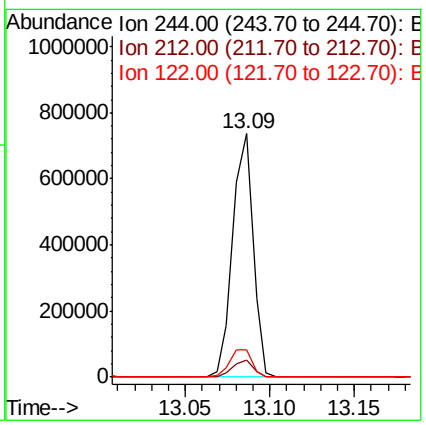


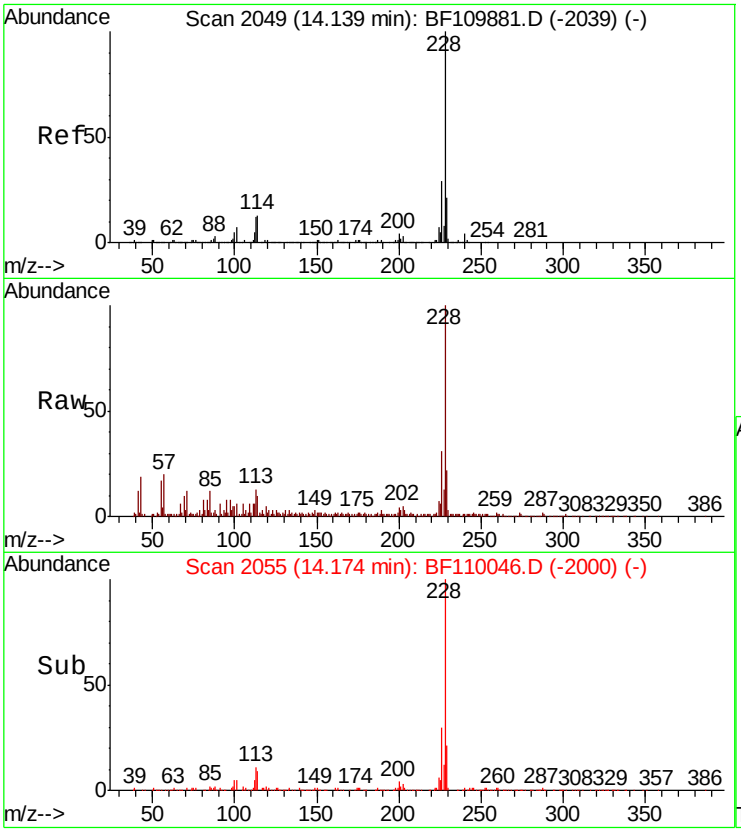


#79
Terphenyl-d14
Concen: 29.102 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:244 Resp: 619365

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.2	8.7	13.1



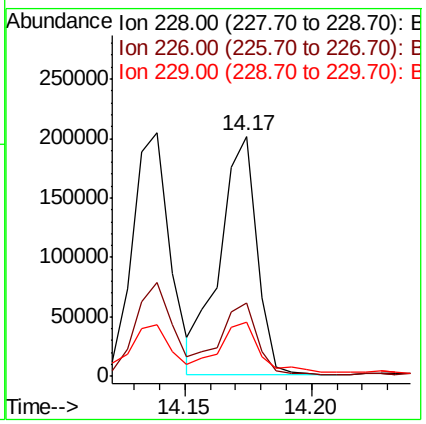


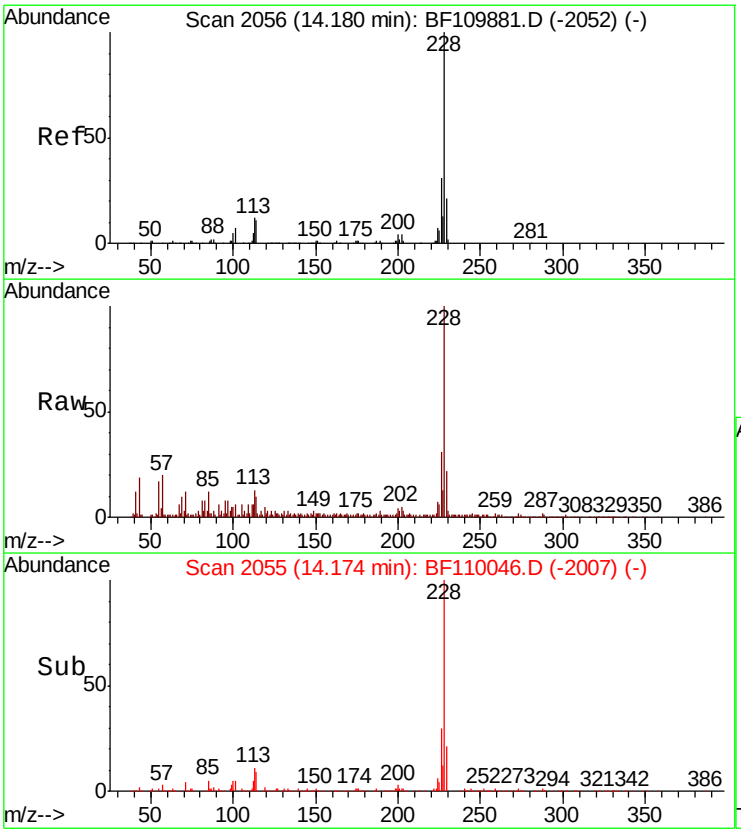
#81
Benzo(a)anthracene
Concen: 7.793 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 205136

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.1	33.1
229	22.4	15.6	23.4

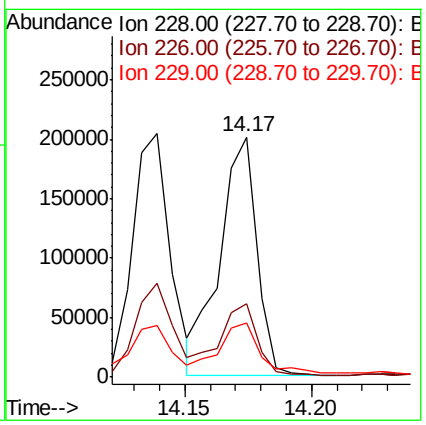


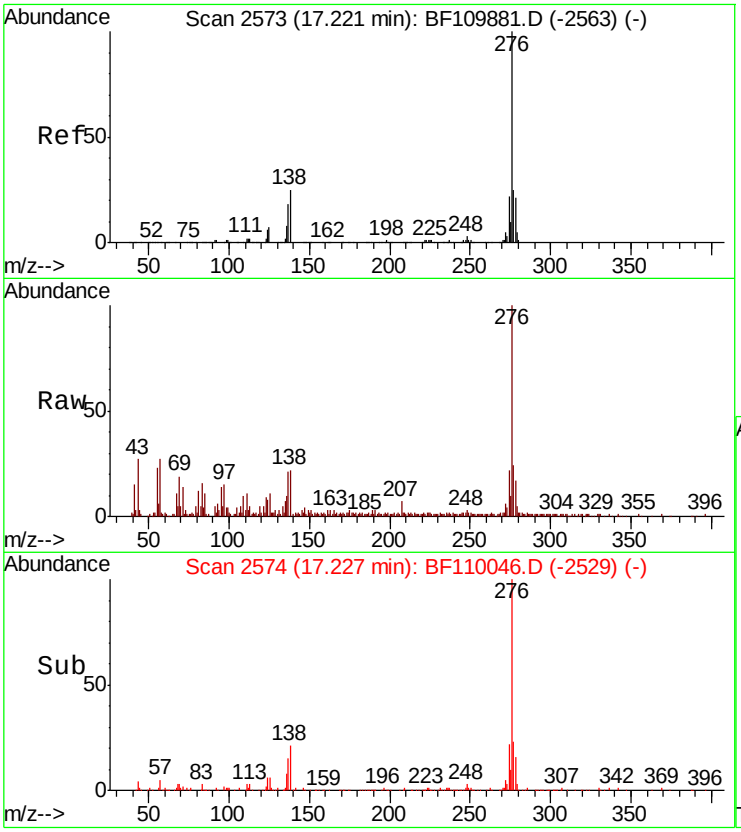


#83
Chrysene
Concen: 8.187 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:228 Resp: 205136

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.4	15.9	23.9



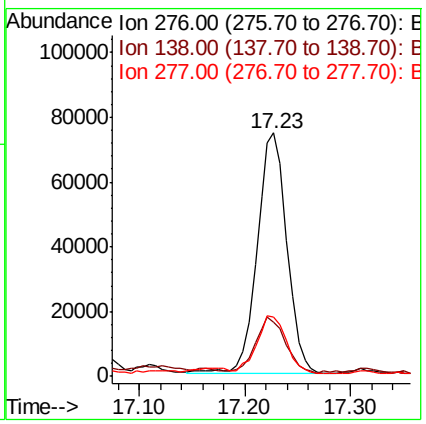


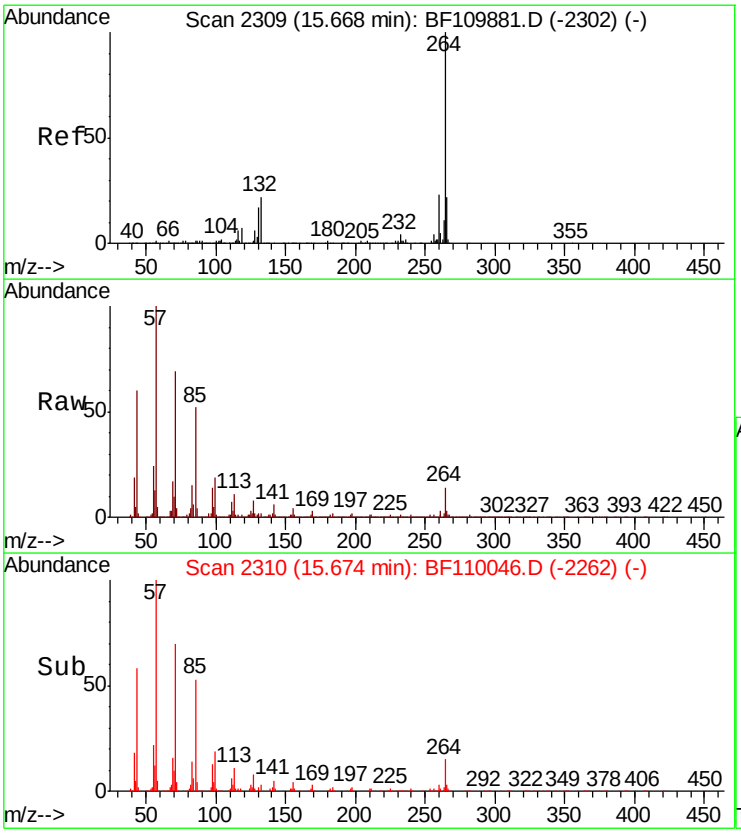
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.224 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 145733

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.5	27.7
277	24.1	20.0	30.0

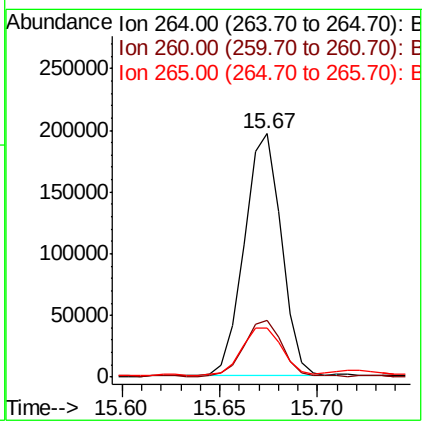


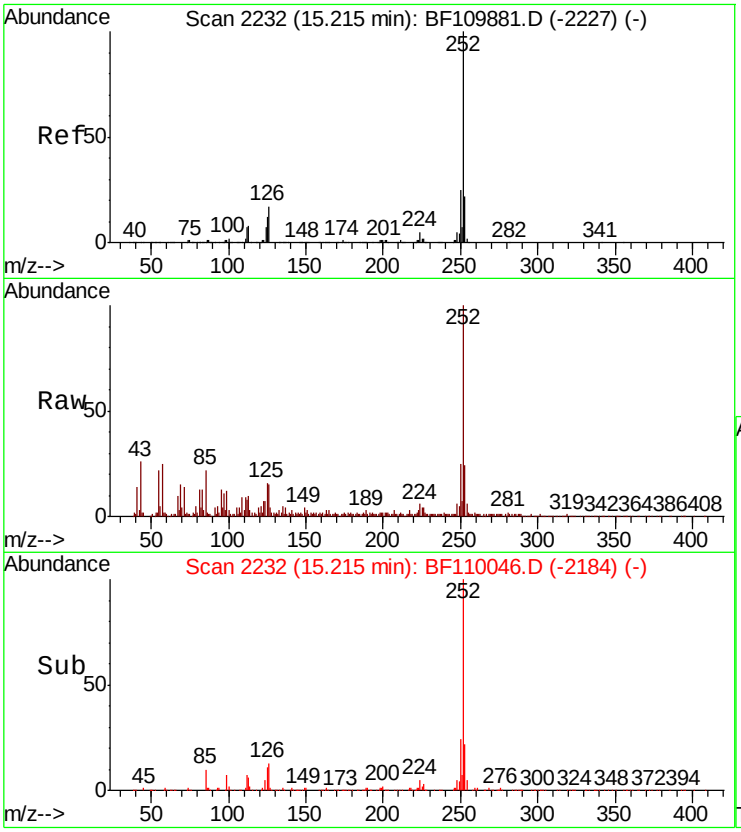


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:264 Resp: 258906

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.3	16.7	25.1



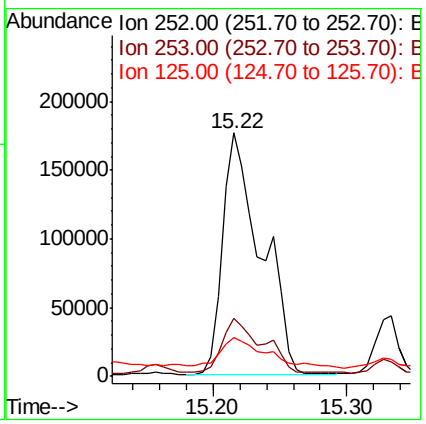


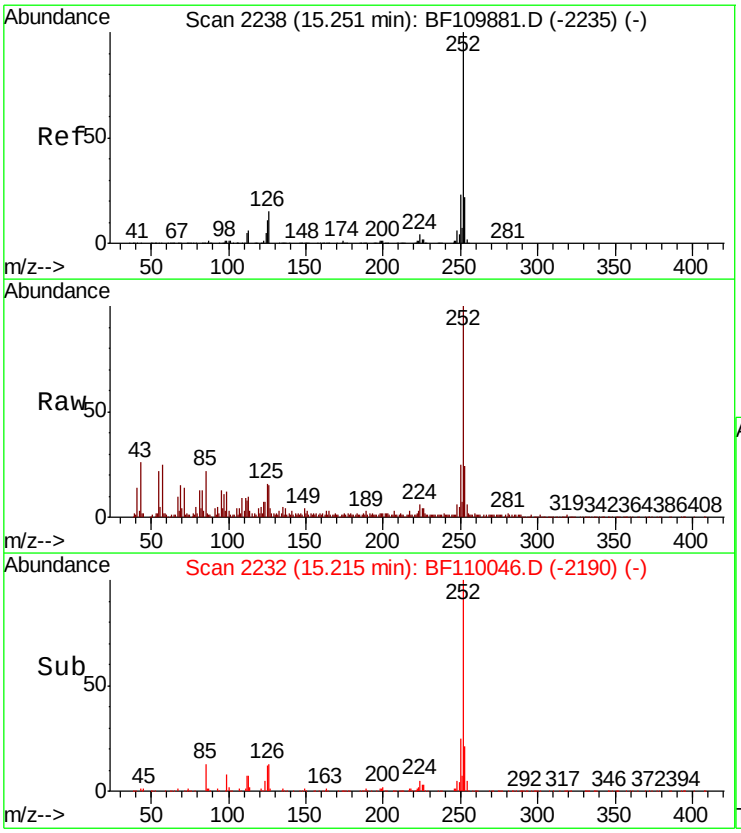
#88
Benzo(b)fluoranthene
Concen: 23.931 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 357205

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	16.0	8.2	12.4#

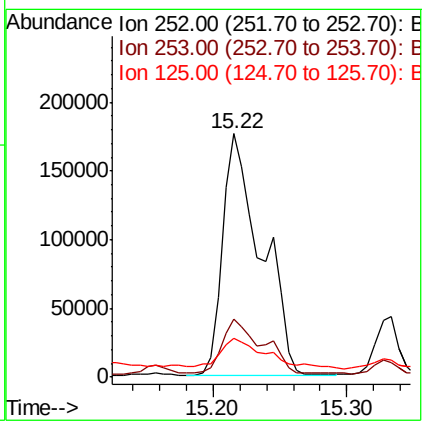


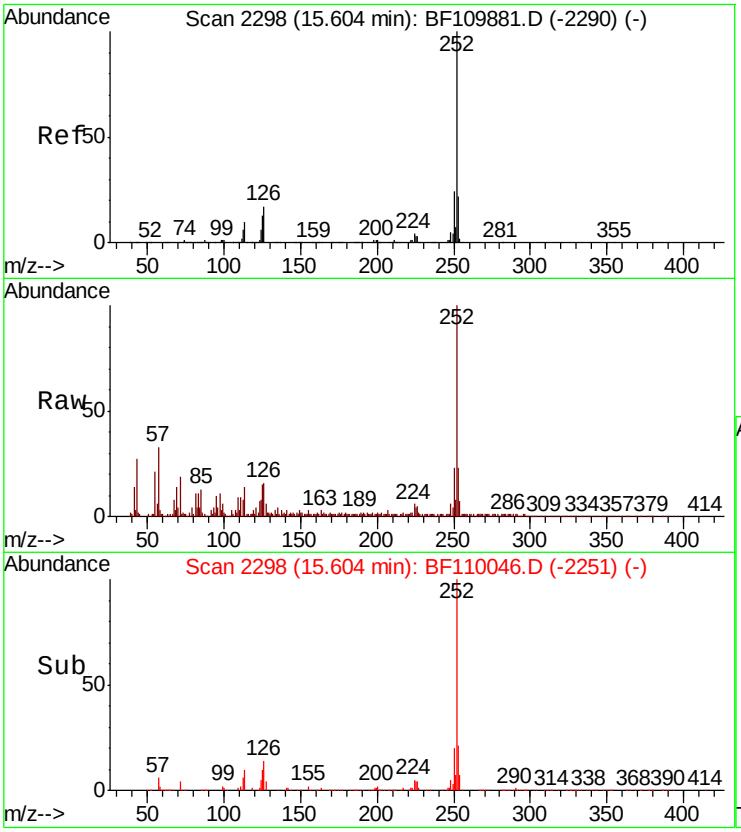


#89
Benzo(k)fluoranthene
Concen: 24.279 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:252 Resp: 357205

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	16.0	7.4	11.0#



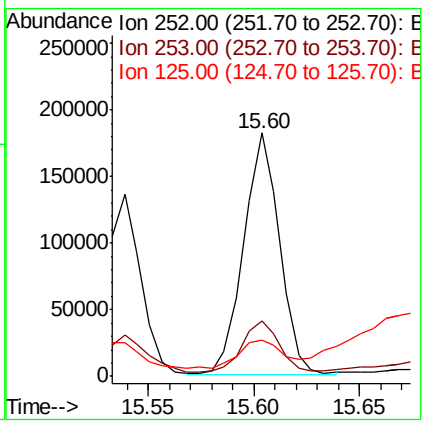


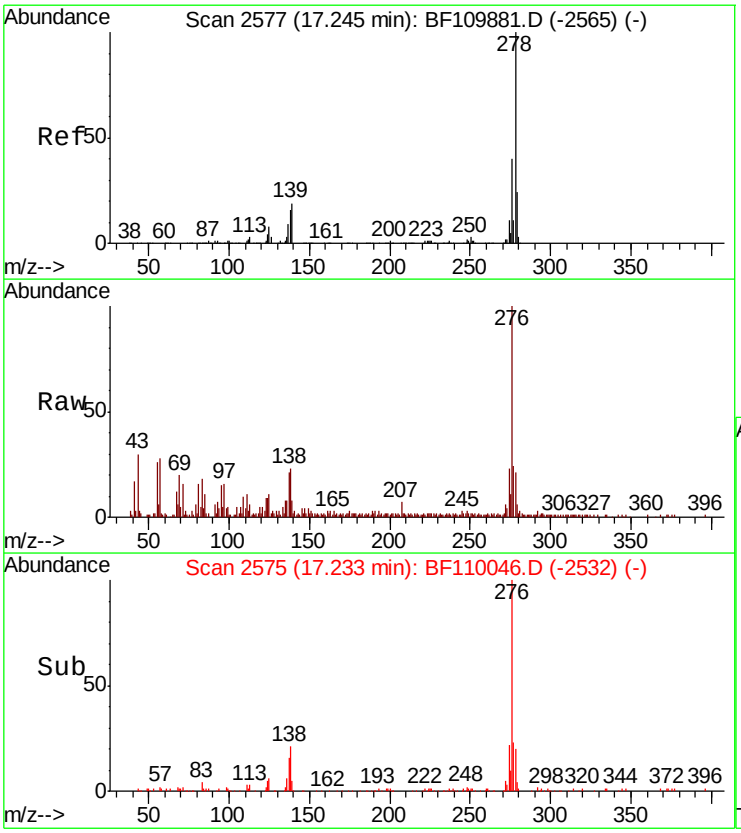
#90
Benzo(a)pyrene
Concen: 15.606 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 214243

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	15.0	9.0	13.6#

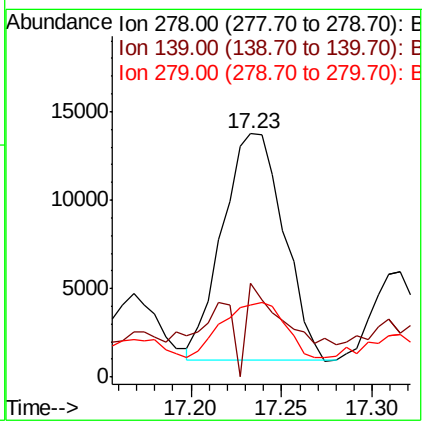


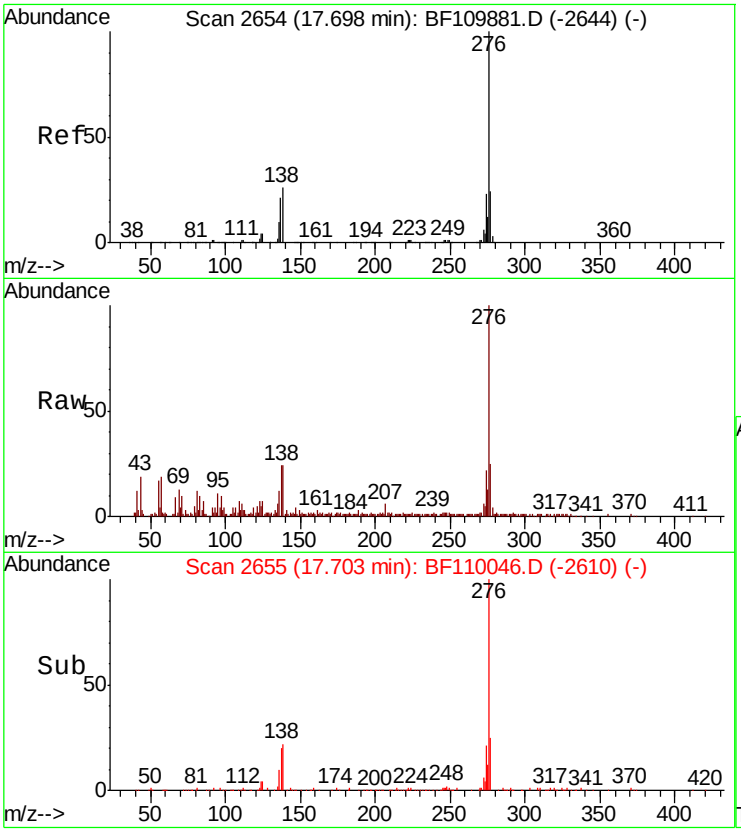


#91
Dibenzo(a,h)anthracene
Concen: 2.466 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Tgt Ion:278 Resp: 30006

Ion	Ratio	Lower	Upper
278	100		
139	38.7	12.7	19.1#
279	29.6	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 13.680 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.04 min
Lab File: BF110046.D
Acq: 22 Oct 2018 14:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 168161

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	23.7	16.0	24.0