Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091218\

Quantitation Report (Not Reviewed)

Data File : BF108960.D
Acq On : 12 Sep 2018 19:53
Operator : JU/SJ
Sample : J4853-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 02:14:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164222	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	622600	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	295380	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	518206	20.00	ng	0.00
75) Chrysene-d12	13.87	240	382362	20.00	ng	0.00
86) Perylene-d12	15.28	264	447956	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	547523	55.23	ng	0.00
7) Phenol-d6	6.37	99	692454	54.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	436575	43.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	166468	59.03	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	810396	46.80	ng	0.00
78) Terphenyl-d14	12.82	244	649607	39.62	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	57486	6.484	ng	# 78
25) Isophorone	7.29	82	431812	21.760	ng	# 64
49) Dimethylphthalate	9.48	163	252549	12.224	ng	99
56) 2,4-Dinitrotoluene	9.77	165	37525	7.454	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	160	6.936	ng	# 1
70) Phenanthrene	11.27	178	54659	2.209	ng	98
74) Fluoranthene	12.45	202	121316	4.951	ng	95
77) Pyrene	12.67	202	123933	4.212	ng	99
80) Benzo(a)anthracene	13.85	228	59628	2.433	ng	98
82) Chrysene	13.89	228	59853	2.523	ng	96
85) Indeno(1,2,3-cd)pyrene	16.62	276	47549	2.265	ng	94
87) Benzo(b)fluoranthene	14.87	252	122030	5.010	ng	96
88) Benzo(k)fluoranthene	14.87	252	122030	5.440	ng	98
89) Benzo(a)pyrene	15.21	252	67089	3.053	ng	97
91) Benzo(g,h,i)perylene	17.04	276	47713	2.461	ng	94

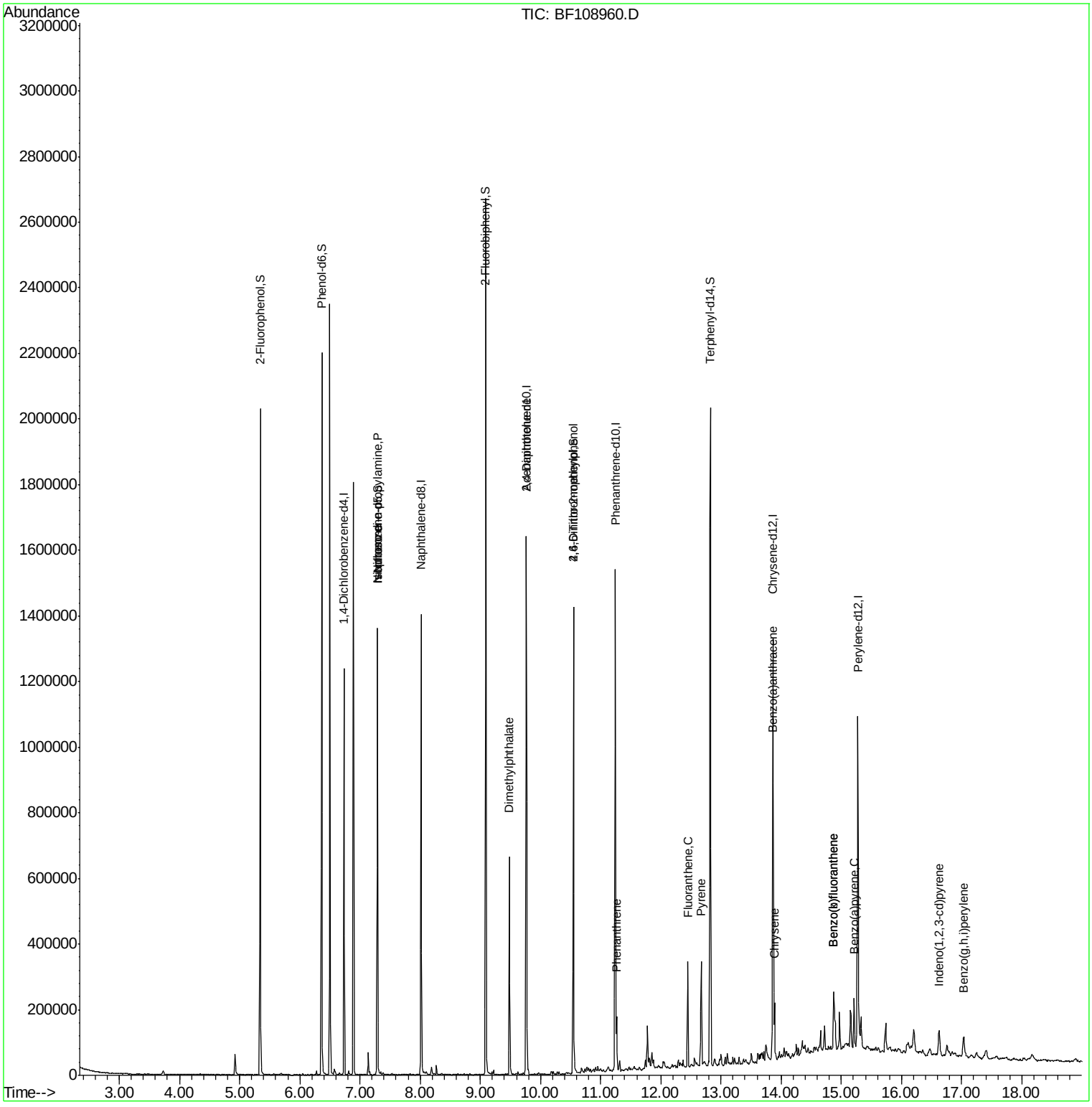
(#) = qualifier out of range (m) = manual integration (+) = signals summed

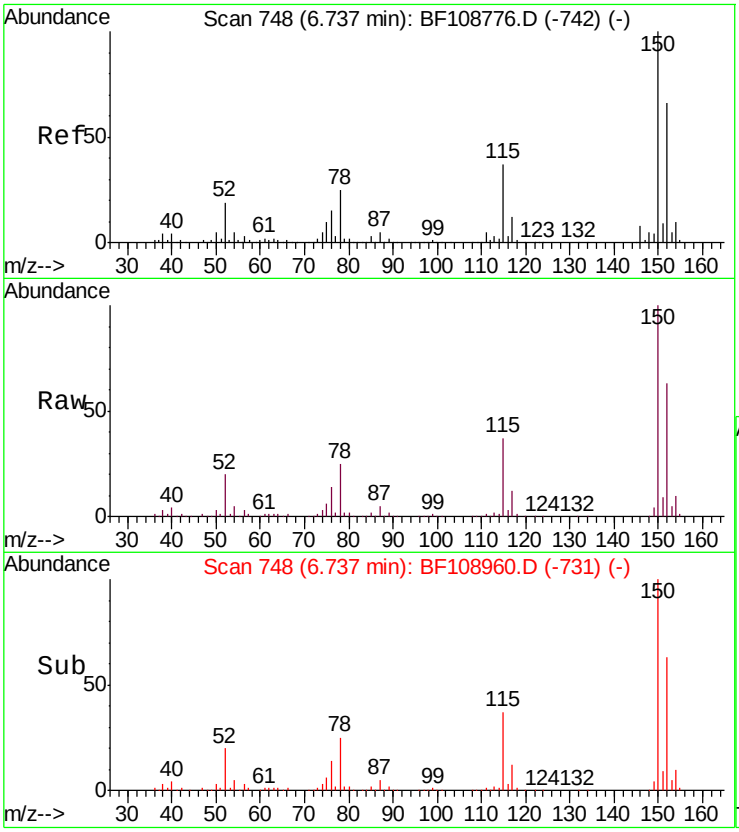
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091218\

Quantitation Report (Not Reviewed)

Data File : BF108960.D
Acq On : 12 Sep 2018 19:53
Operator : JU/SJ
Sample : J4853-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 02:14:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

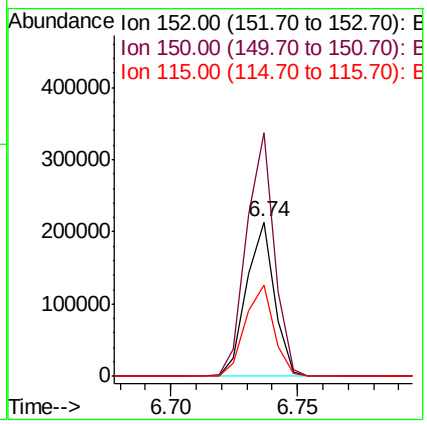


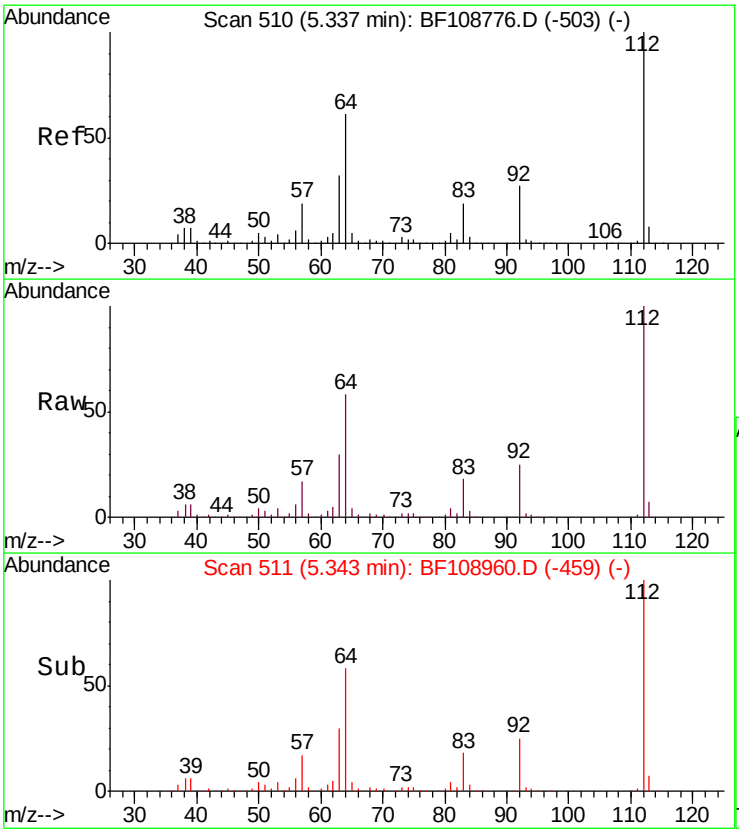


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:152 Resp: 164222

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.0	50.1	75.1

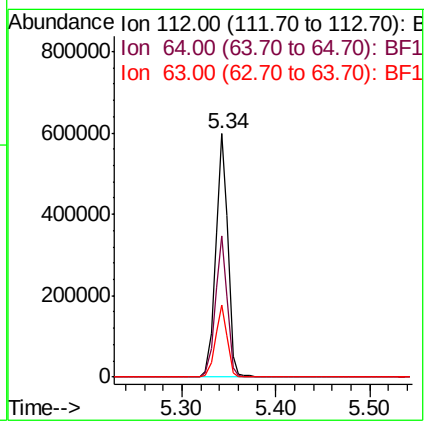


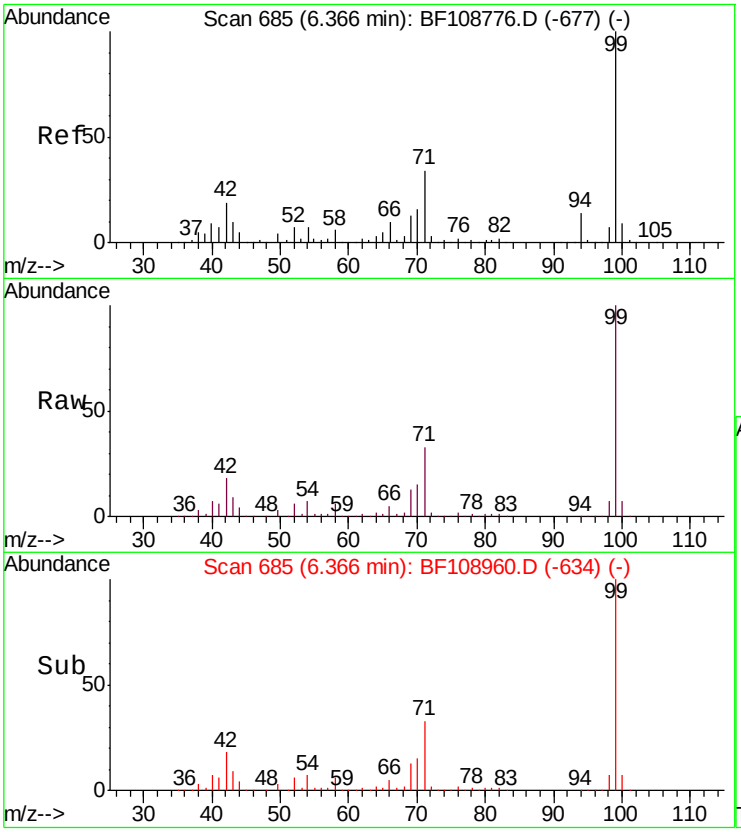


#5
2-Fluorophenol
Concen: 55.234 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:112 Resp: 547523

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.6	23.7	35.5

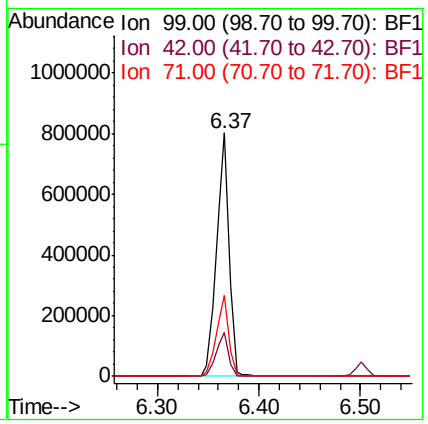


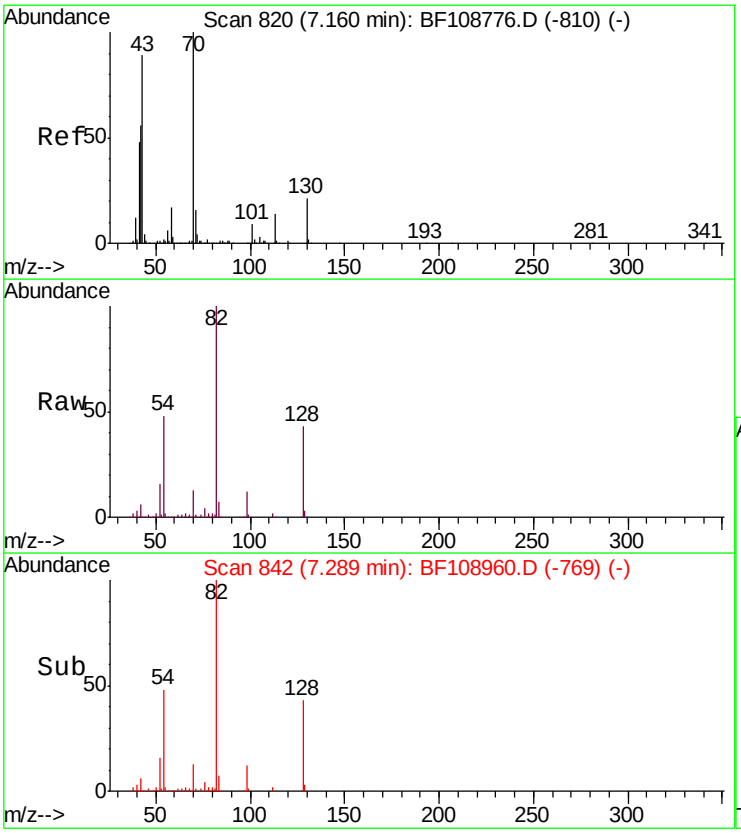


#7
Phenol-d6
Concen: 54.292 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion: 99 Resp: 692454

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	33.3	25.4	38.0

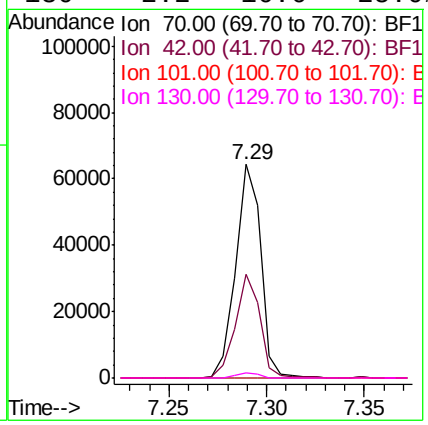


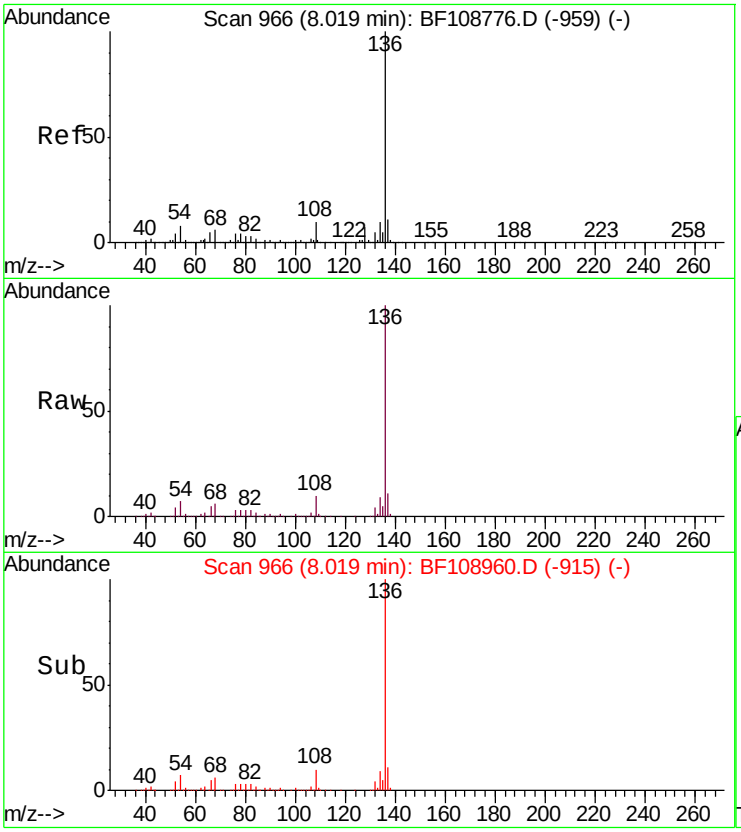


#19
n-Nitroso-di-n-propylamine
Concen: 6.484 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion: 70 Resp: 57486

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

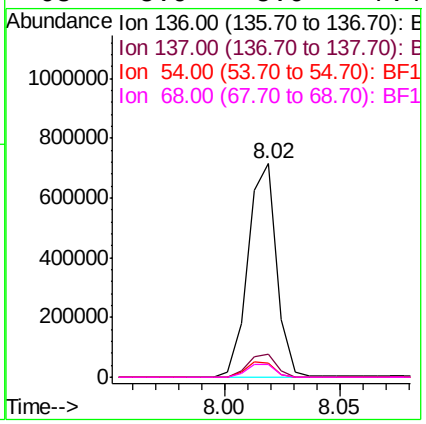


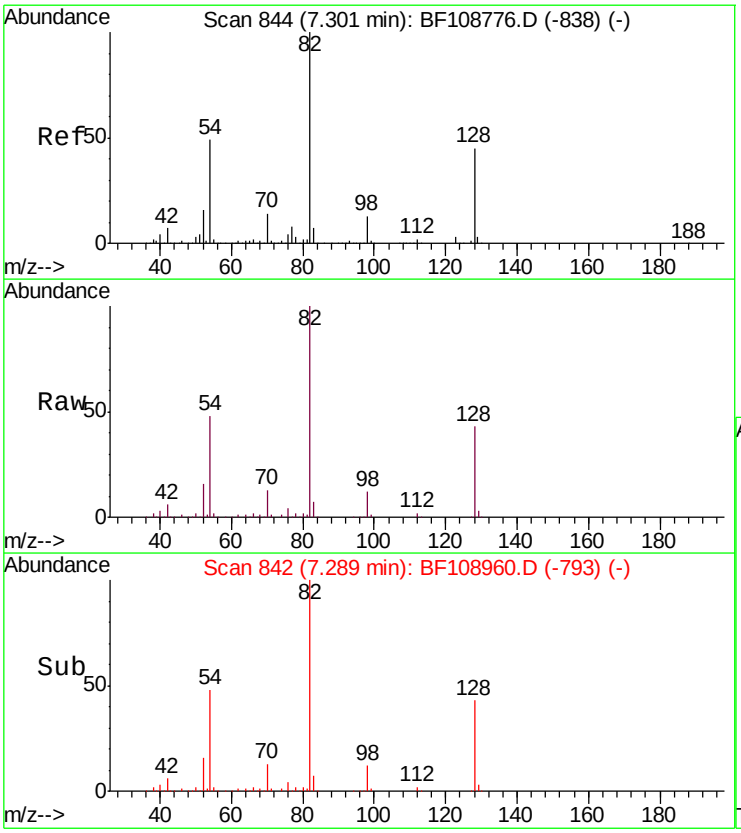


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:136 Resp: 622600

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	6.6	9.8
68	5.9	5.0	7.4

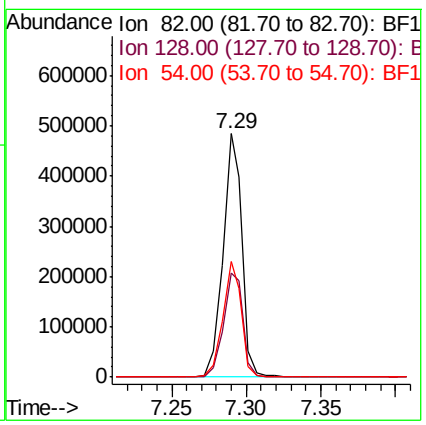


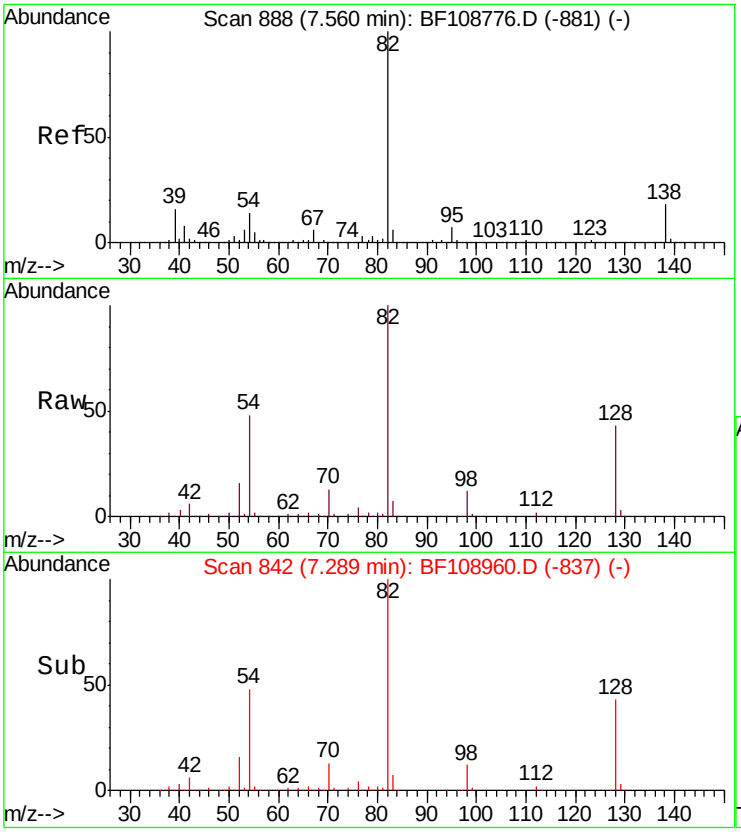


#23
Nitrobenzene-d5
Concen: 43.883 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion: 82 Resp: 436575

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	47.7	41.4	62.2

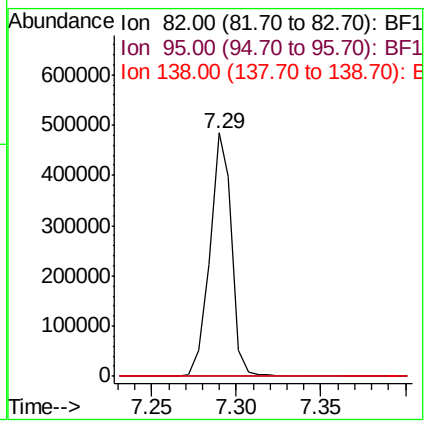


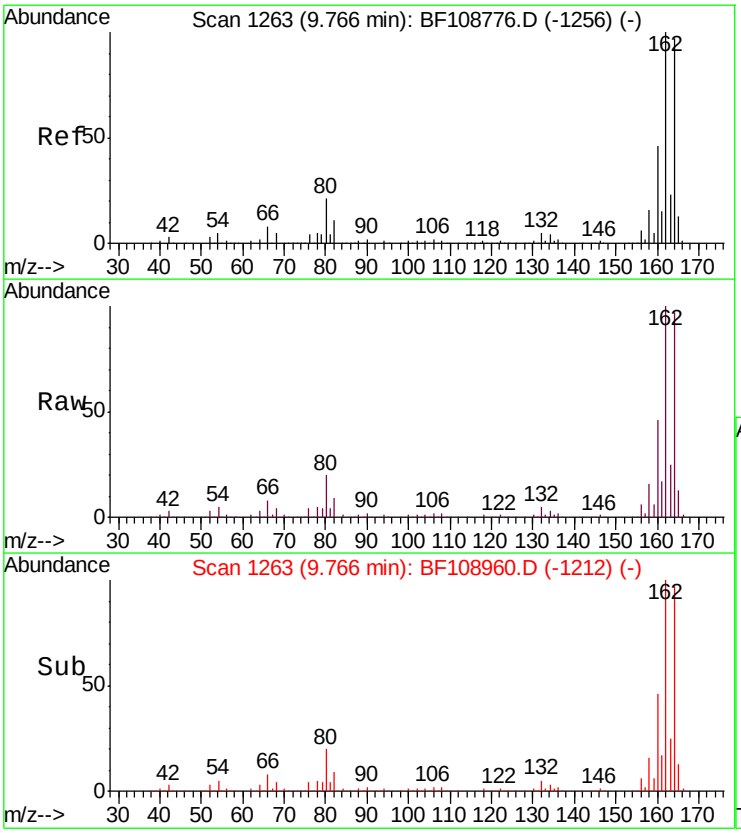


#25
Isophorone
Concen: 21.760 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion: 82 Resp: 431812

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

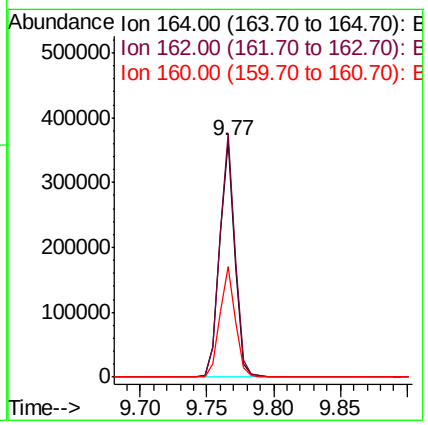


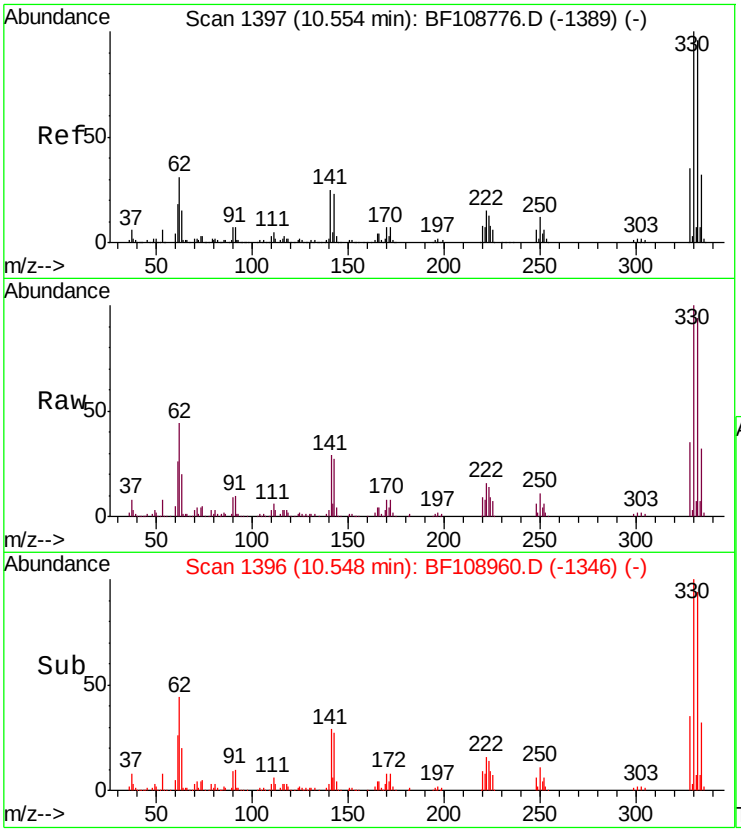


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:164 Resp: 295380

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.0	38.3	57.5

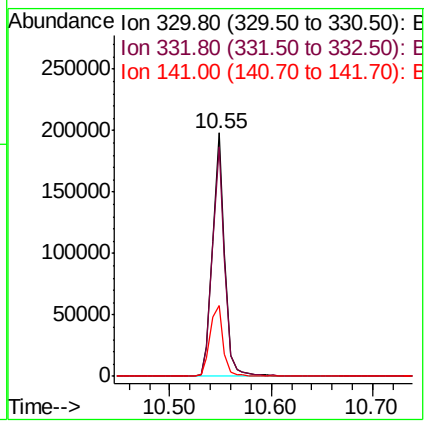


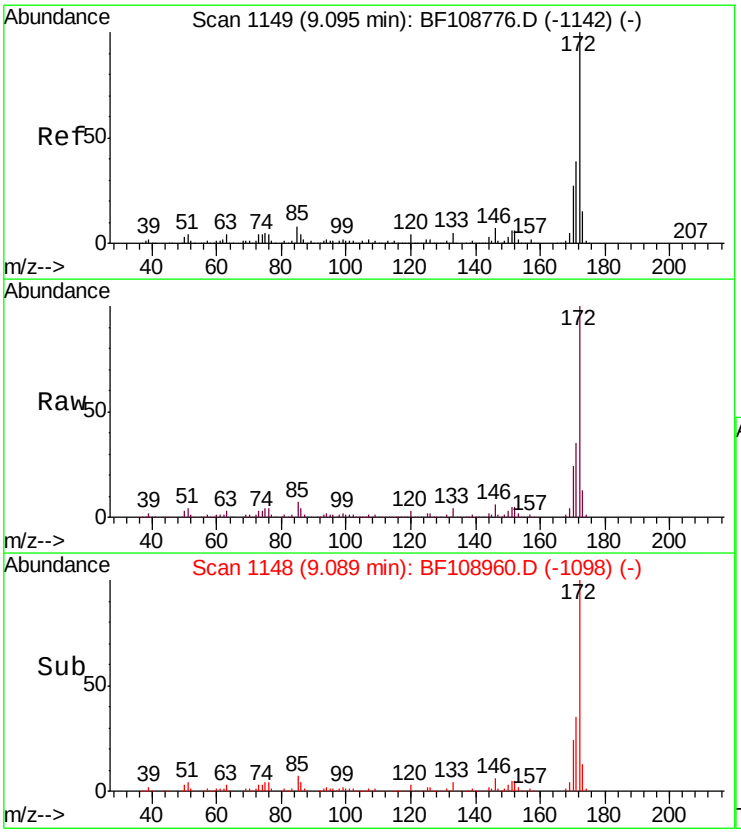


#41
2,4,6-Tribromophenol
Concen: 59.035 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:330 Resp: 166468

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.5	29.9	44.9

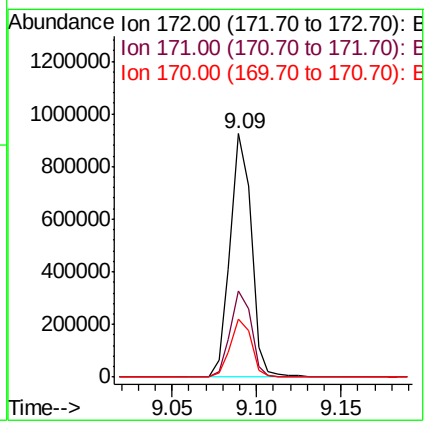


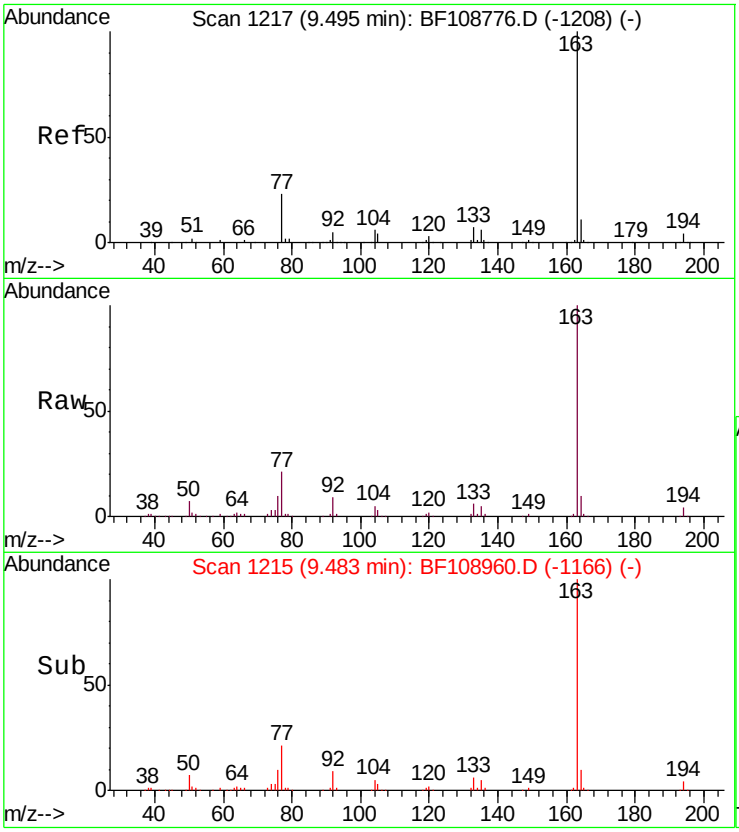


#44
2-Fluorobiphenyl
Concen: 46.805 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:172 Resp: 810396

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.8	19.6	29.4

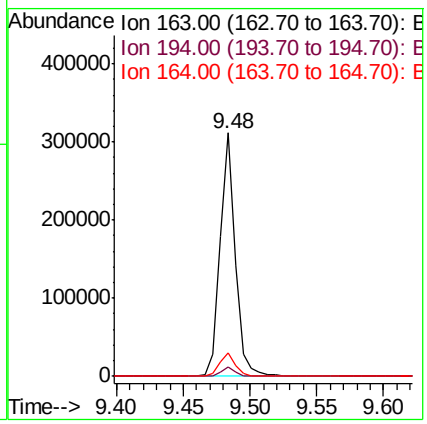


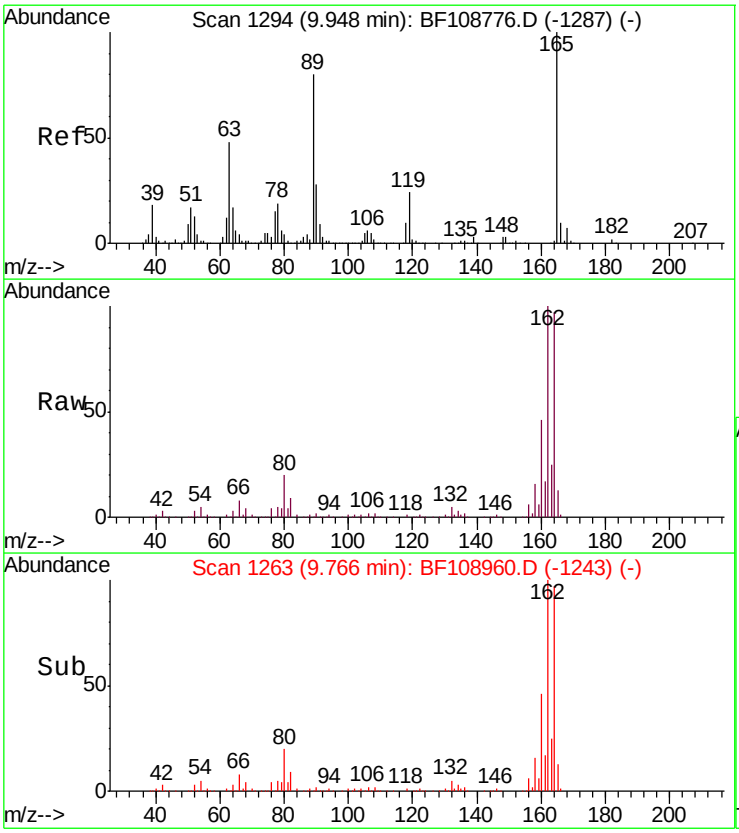


#49
Dimethylphthalate
Concen: 12.224 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:163 Resp: 252549

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

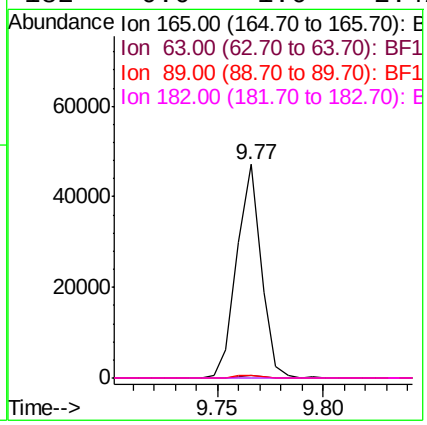


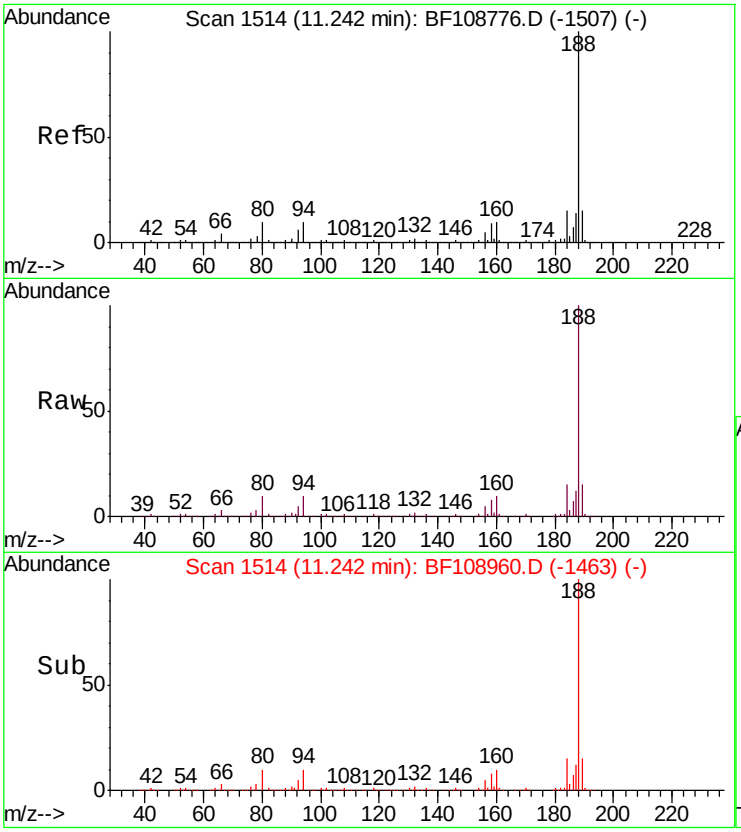


#56
2,4-Dinitrotoluene
Concen: 7.454 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:165 Resp: 37525

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

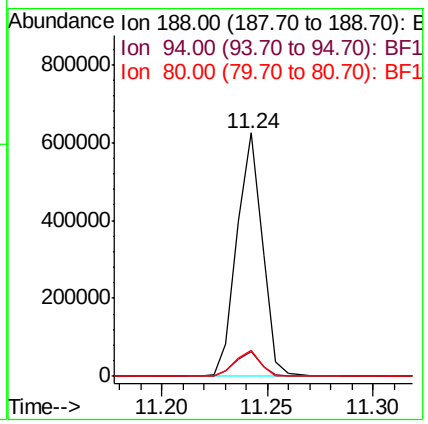


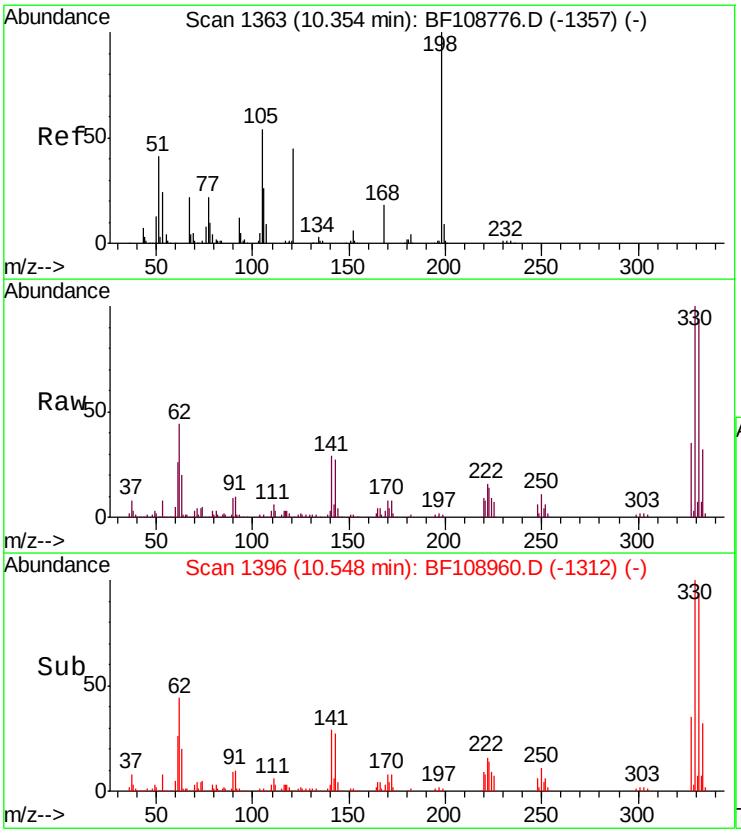


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:188 Resp: 518206

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8

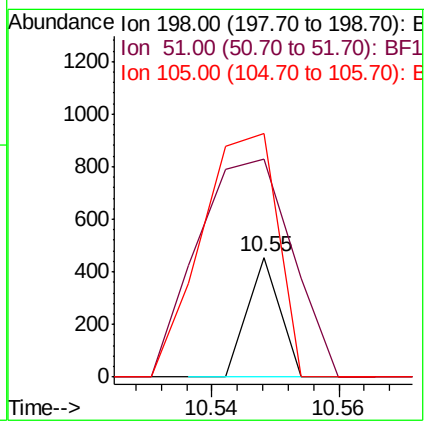


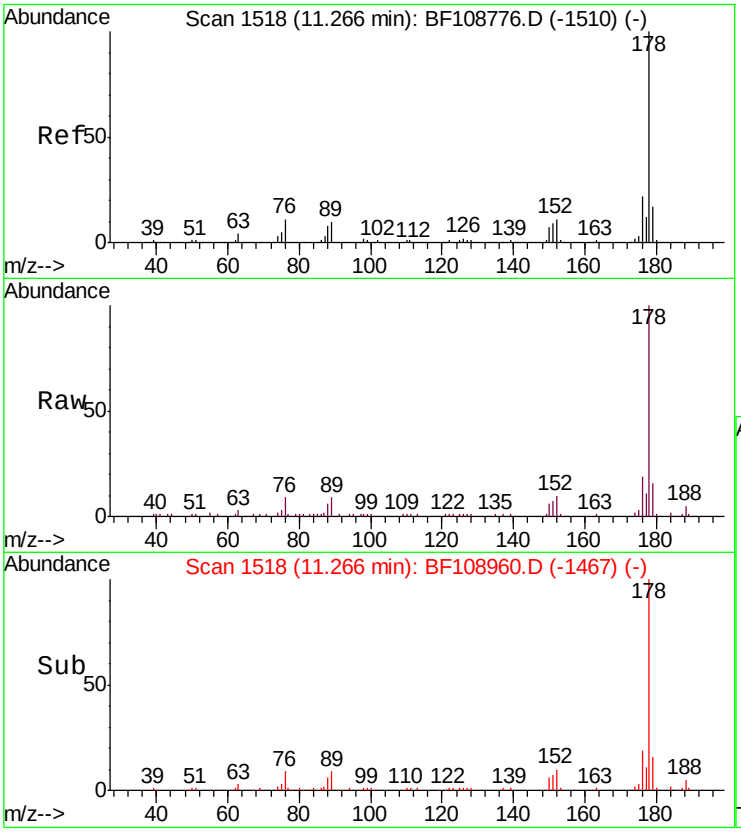


#64
4,6-Dinitro-2-methylphenol
Concen: 6.936 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:198 Resp: 160

Ion	Ratio	Lower	Upper
198	100		
51	182.6	37.7	77.7#
105	204.0	36.3	76.3#

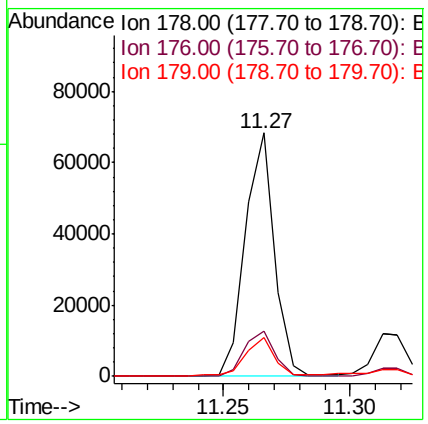


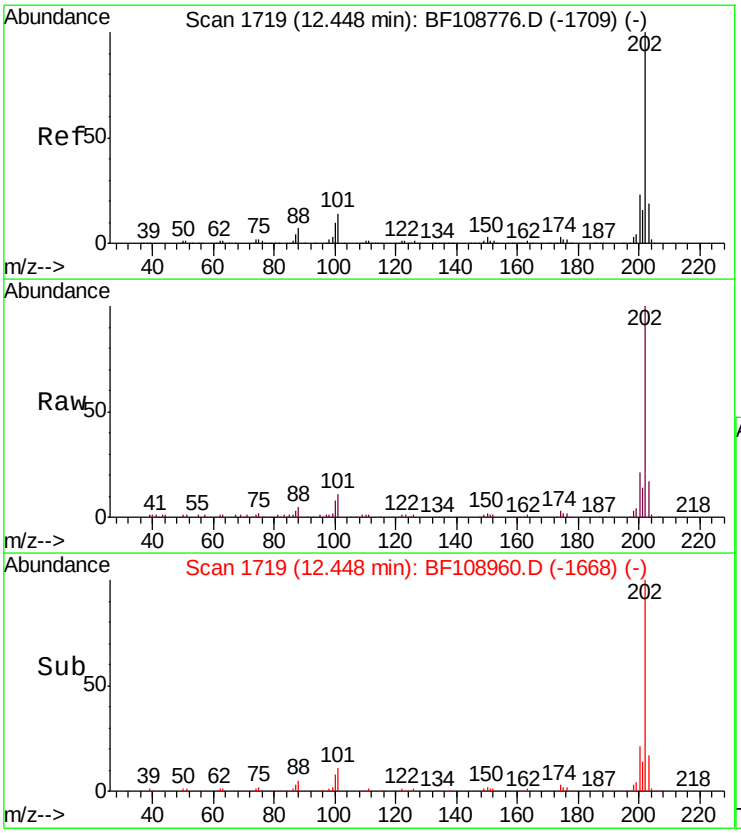


#70
Phenanthrene
Concen: 2.209 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:178 Resp: 54659

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	16.1	13.0	19.6

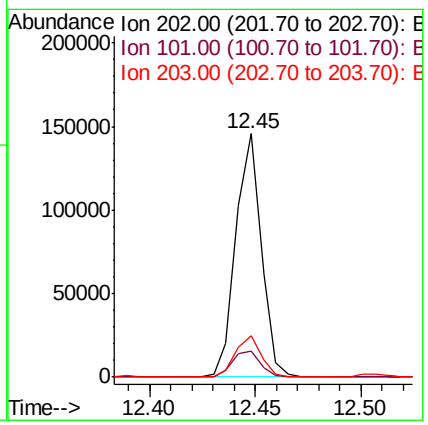


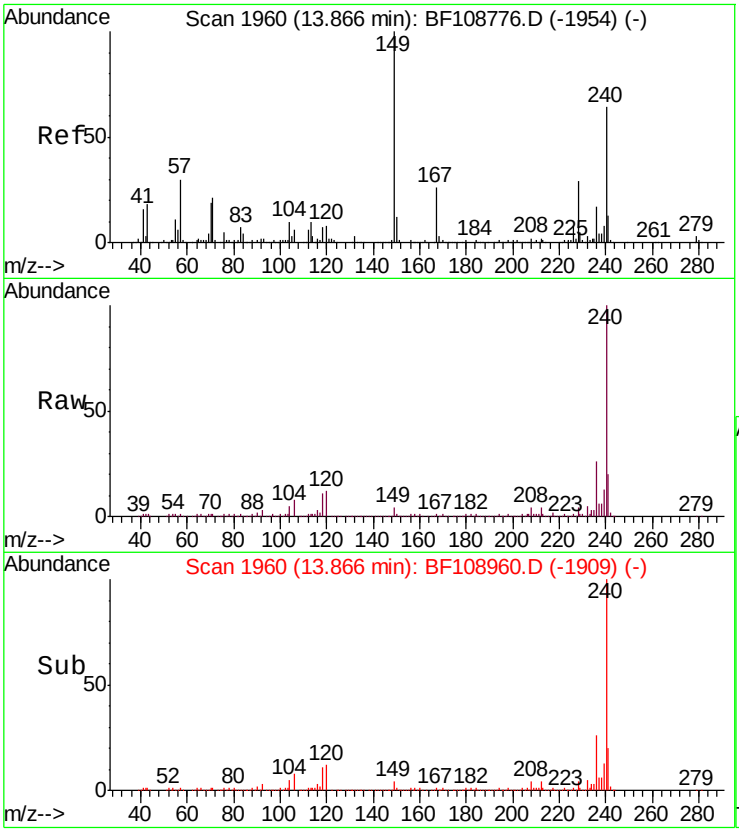


#74
Fluoranthene
Concen: 4.951 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:202 Resp: 121316

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	16.8	0.0	38.1

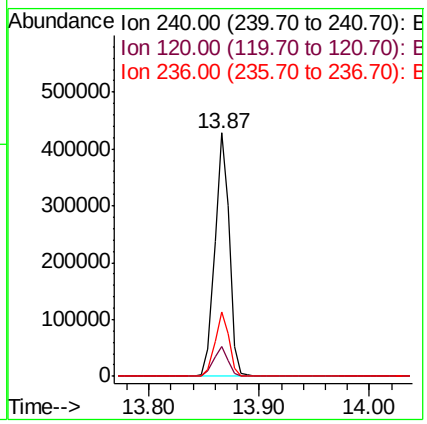


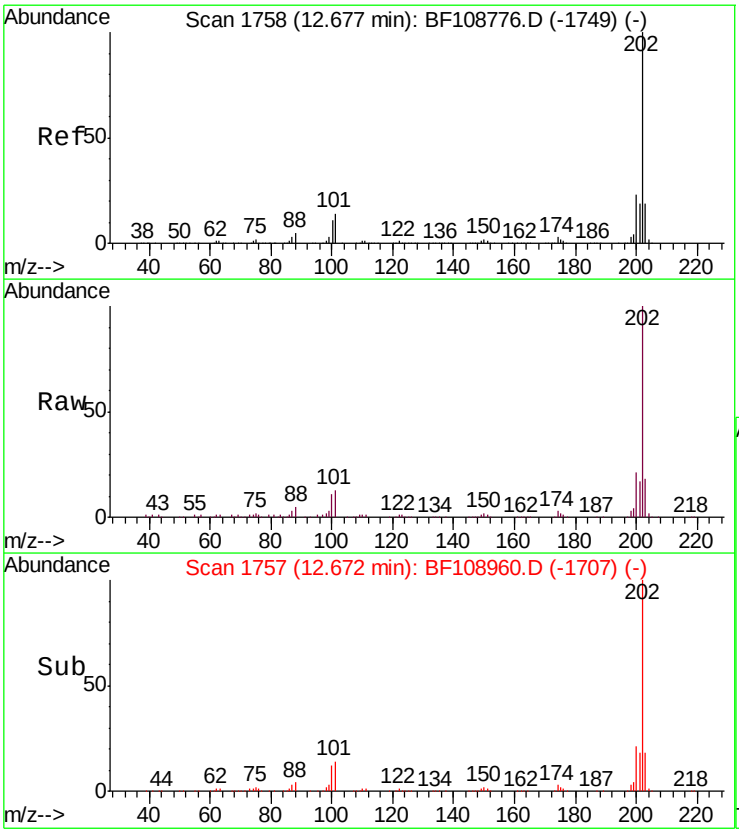


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:240 Resp: 382362

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.4	20.7	31.1

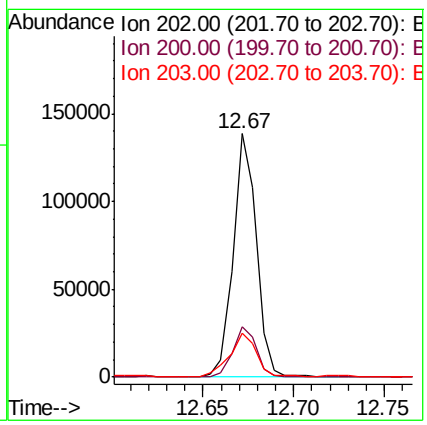


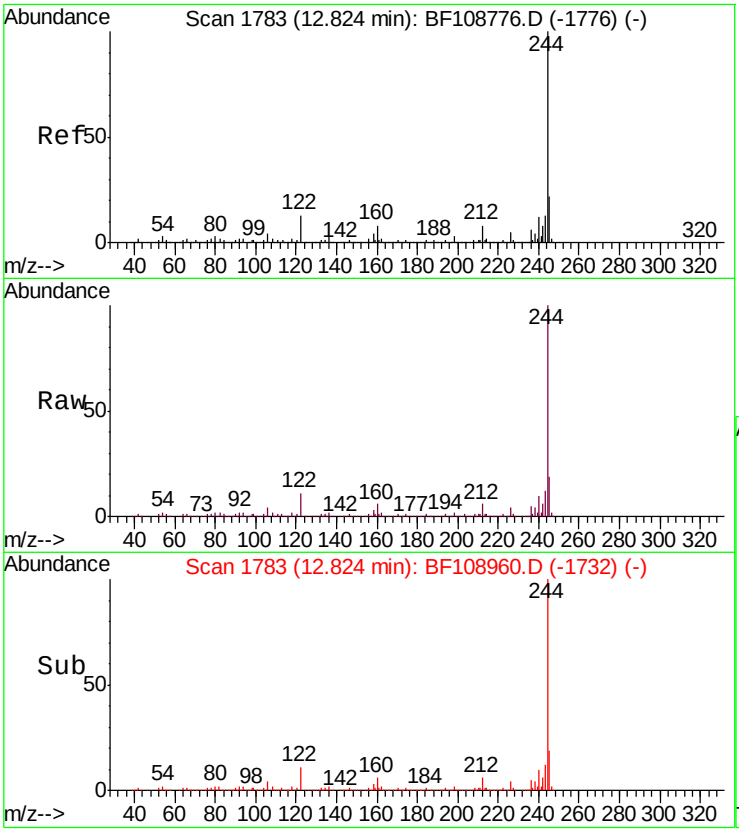


#77
Pyrene
Concen: 4.212 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:202 Resp: 123933

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.9	14.3	21.5

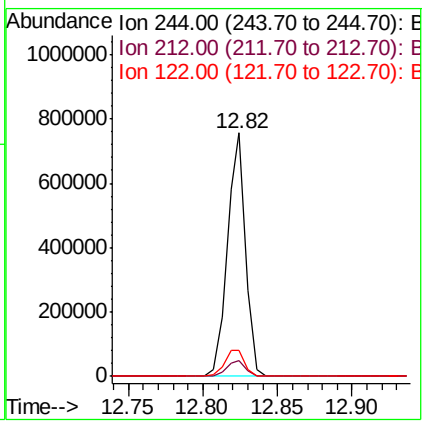


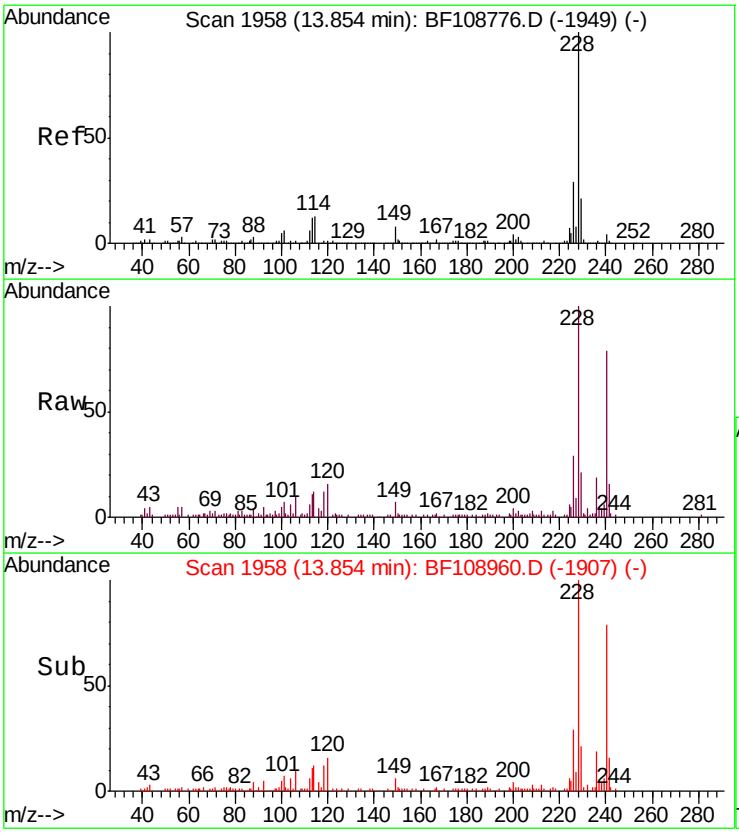


#78
Terphenyl-d14
Concen: 39.617 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:244 Resp: 649607

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.5	11.0	16.4#

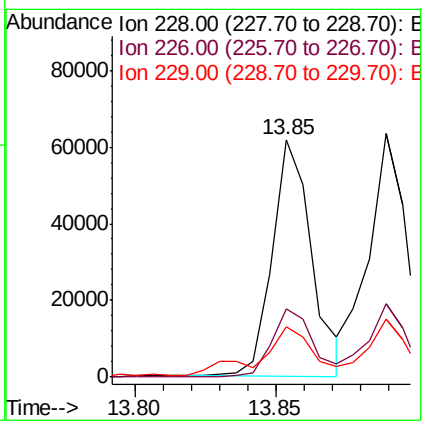


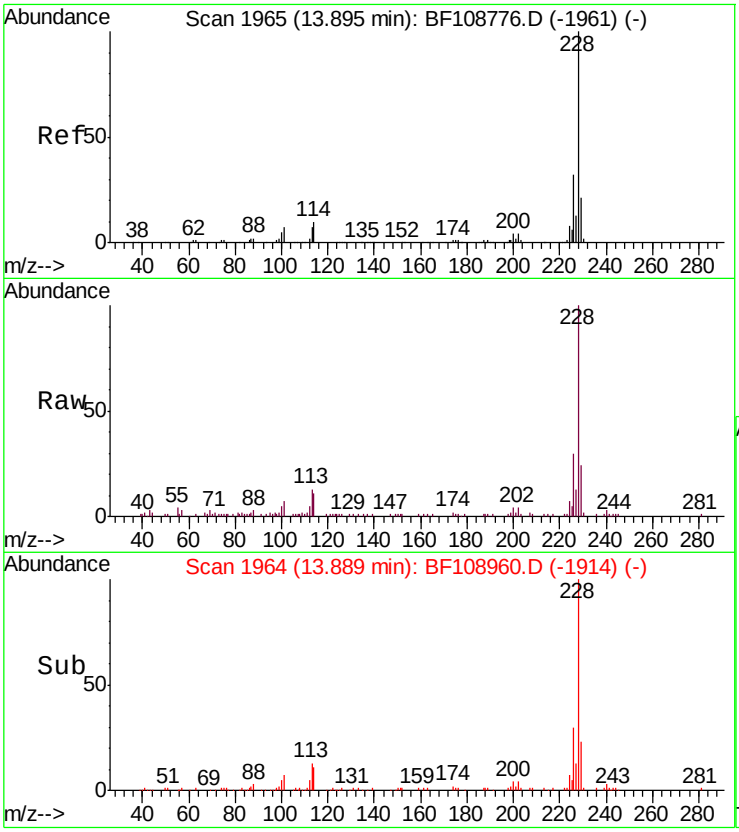


#80
Benzo(a)anthracene
Concen: 2.433 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:228 Resp: 59628

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.1	15.8	23.6

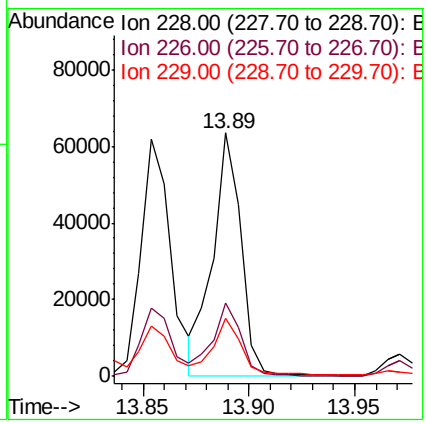


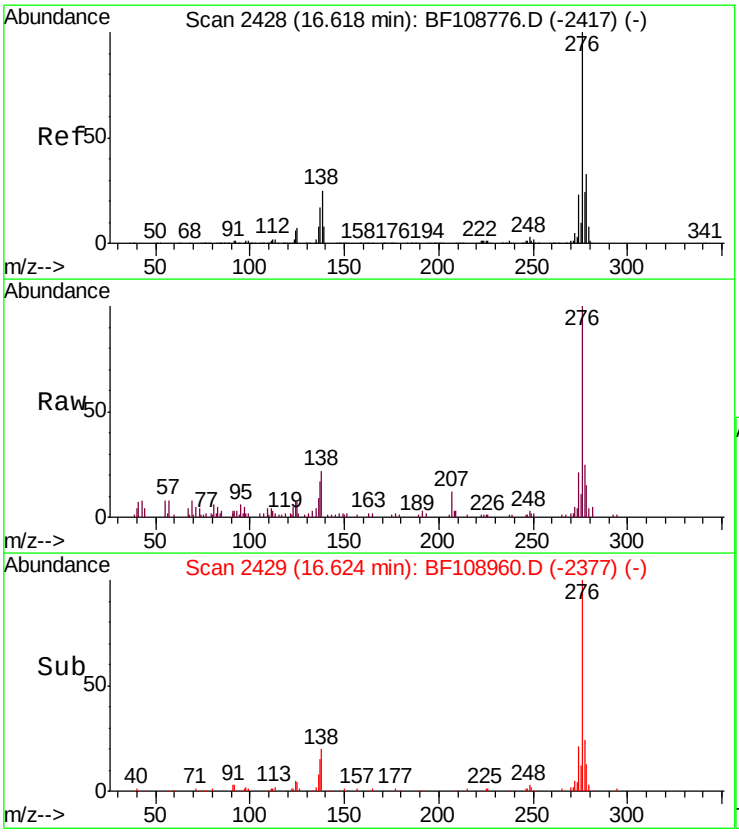


#82
Chrysene
Concen: 2.523 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:228 Resp: 59853

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	23.9	16.2	24.4

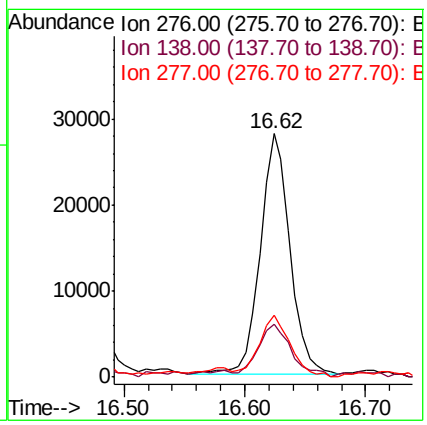


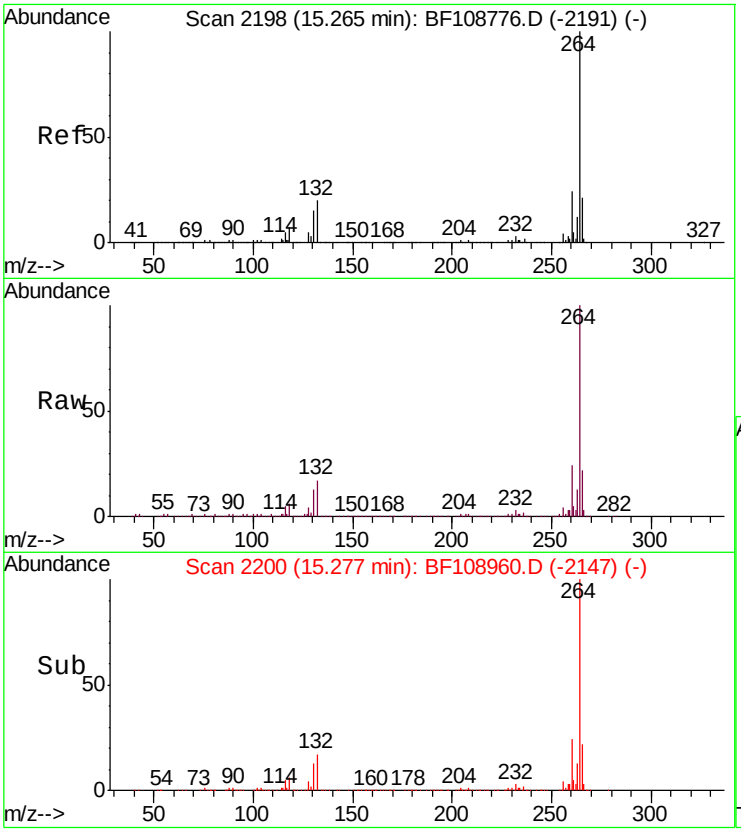


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.265 ng
RT: 16.62 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:276 Resp: 47549

Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	27.5	20.1	30.1

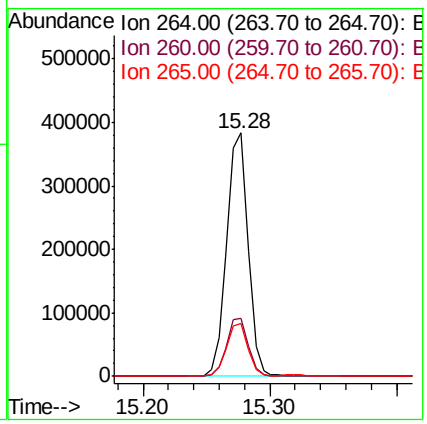


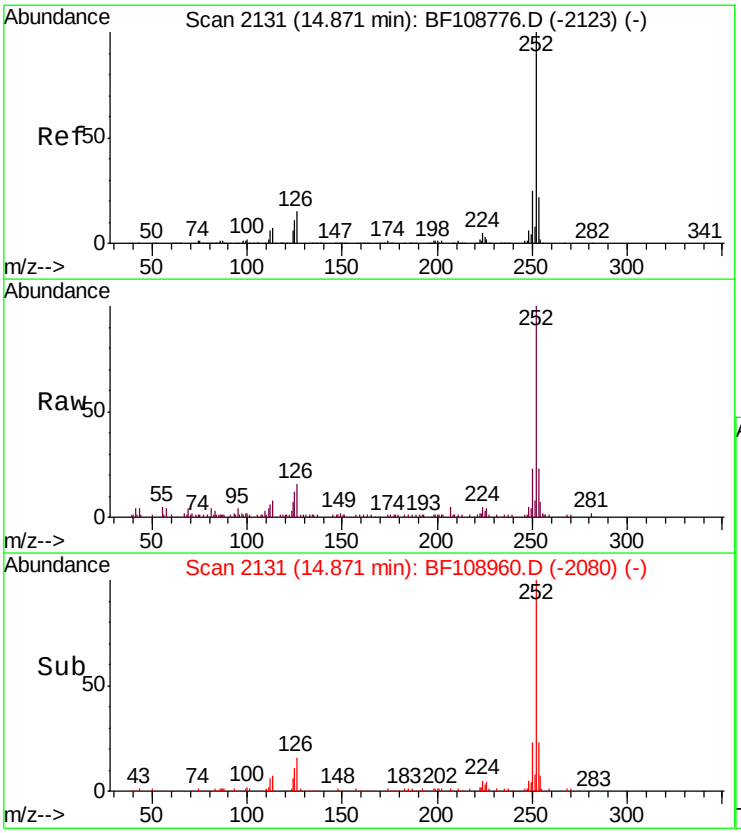


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:264 Resp: 447956

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

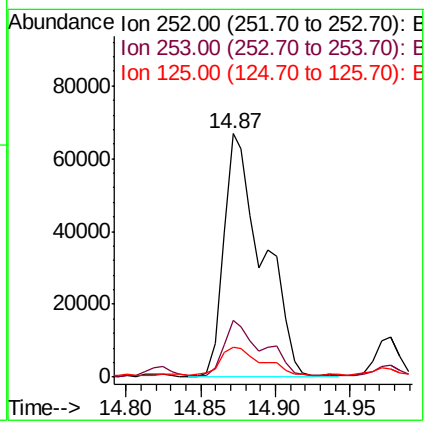


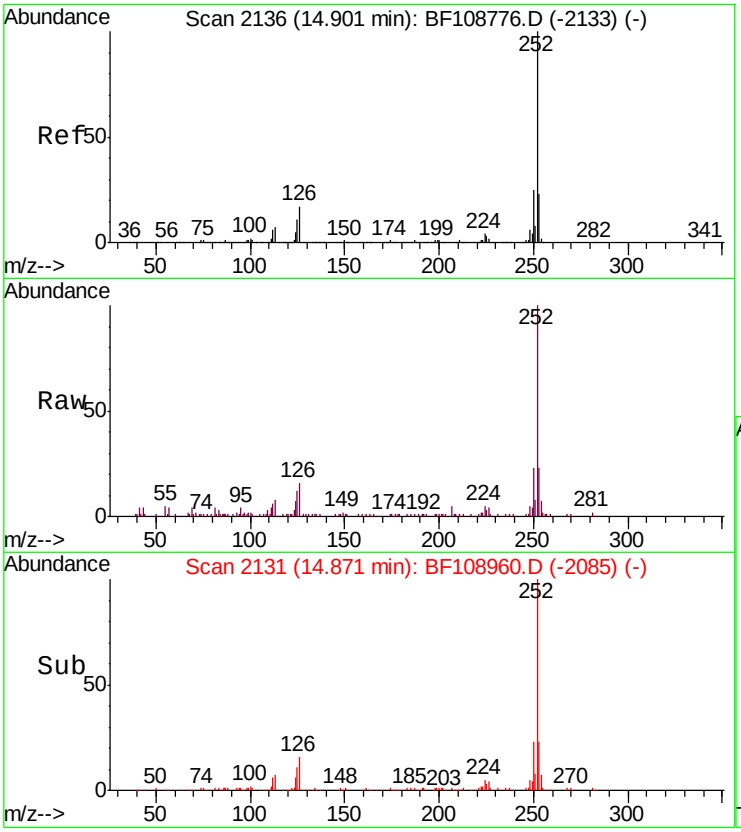


#87
Benzo(b)fluoranthene
Concen: 5.010 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:252 Resp: 122030

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	12.4	9.0	13.6

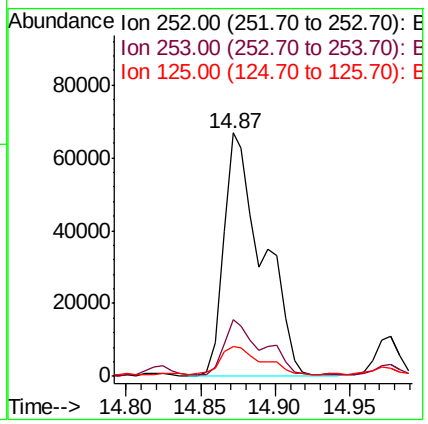


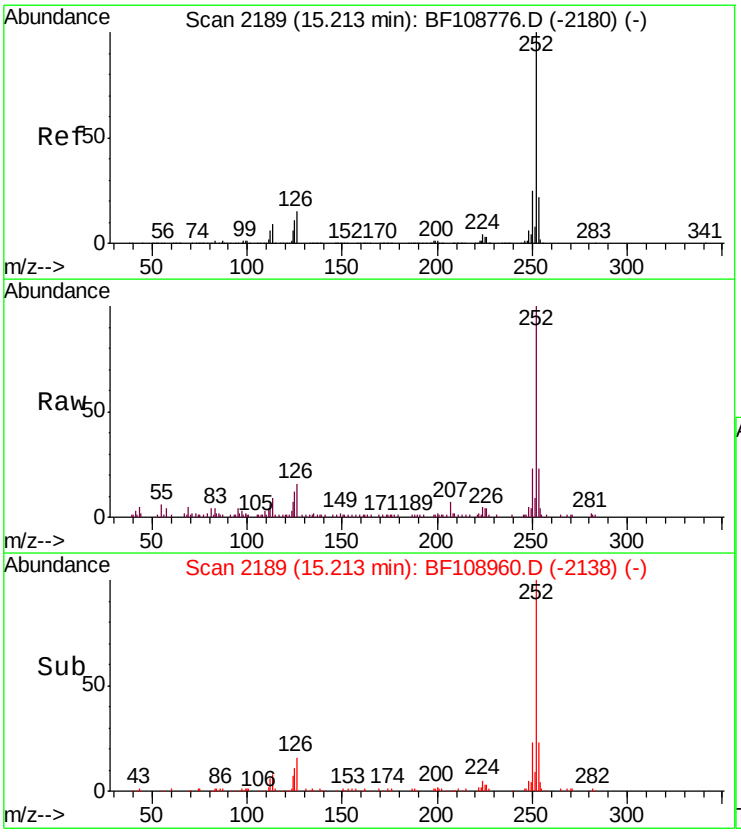


#88
Benzo(k)fluoranthene
Concen: 5.440 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:252 Resp: 122030

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.4	10.2	15.2

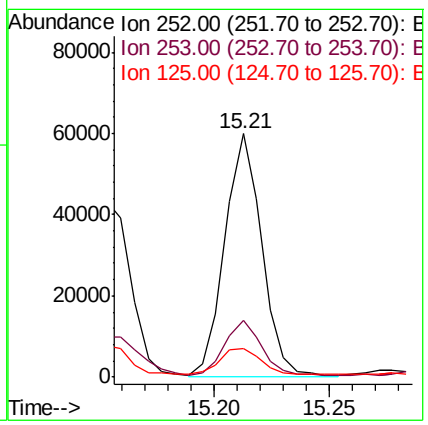


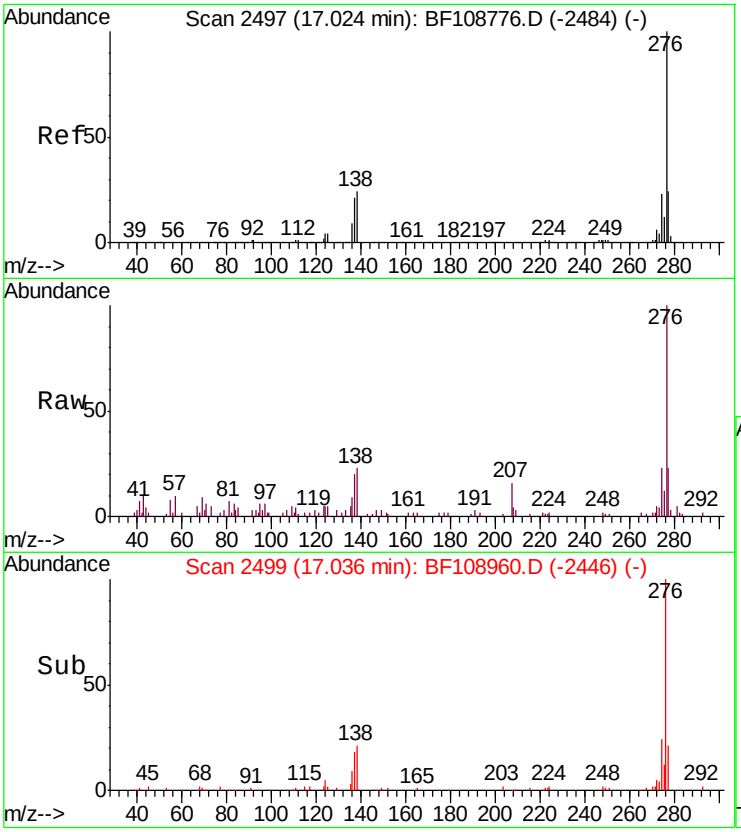


#89
Benzo(a)pyrene
Concen: 3.053 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:252 Resp: 67089

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.461 ng
RT: 17.04 min Scan# 2499
Delta R.T. 0.01 min
Lab File: BF108960.D
Acq: 12 Sep 2018 19:53

Tgt Ion:276 Resp: 47713

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	22.7	21.8	32.8