Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118660.D
Acq On : 22 Jan 2020 11:38
Operator : CG/JU
Sample : L1148-03DL 100X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 22 12:40:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	341666	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1308404	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	690559	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	1117646	20.00	ng		0.00
76) Chrysene-d12	14.04	240	686654	20.00	ng		0.00
87) Perylene-d12	15.51	264	896201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	18588	1.01	ng		-0.01
7) Phenol-d6	6.49	99	26364	1.10	ng		-0.02
23) Nitrobenzene-d5	7.43	82	14212	0.61	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	5557	0.70	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	33545	0.80	ng		-0.01
79) Terphenyl-d14	12.98	244	33156	1.05	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.19	128	4807703	81.342	ng		96
33) 4-Chloroaniline	8.19	127	724581	26.524	ng	#	35
37) 2-Methylnaphthalene	8.87	142	976623	23.409	ng		98
38) 1-Methylnaphthalene	8.97	142	592656	14.953	ng		100
46) 1,1'-Biphenyl	9.33	154	263456	5.536	ng		96
49) Acenaphthylene	9.77	152	423540	7.505	ng		96
51) 2,6-Dinitrotoluene	9.92	165	113954	11.311	ng	#	21
52) Acenaphthene	9.95	154	486189	12.884	ng		99
55) Dibenzofuran	10.12	168	859283	16.431	ng		92
56) 4-Nitrophenol	10.12	139	304034	35.009	ng	#	6
58) Fluorene	10.46	166	1134856	27.643	ng		99
71) Phenanthrene	11.43	178	3595948	66.690	ng		99
72) Anthracene	11.47	178	1184726	22.205	ng		94
73) Carbazole	11.62	167	356633	7.287	ng		95
75) Fluoranthene	12.62	202	2388743	42.003	ng		98
78) Pyrene	12.85	202	2052718	44.033	ng		94
81) Benzo(a)anthracene	14.06	228	777478	18.822	ng		99
83) Chrysene	14.06	228	777478	19.639	ng		95
86) Indeno(1,2,3-cd)pyrene	16.98	276	472938	13.749	ng		98
88) Benzo(b)fluoranthene	15.08	252	1329178	23.595	ng		97
89) Benzo(k)fluoranthene	15.08	252	1329178	25.468	ng		97
90) Benzo(a)pyrene	15.44	252	852035	17.534	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	132614	3.085	ng		98
92) Benzo(g,h,i)perylene	17.43	276	428861	10.276	ng		98

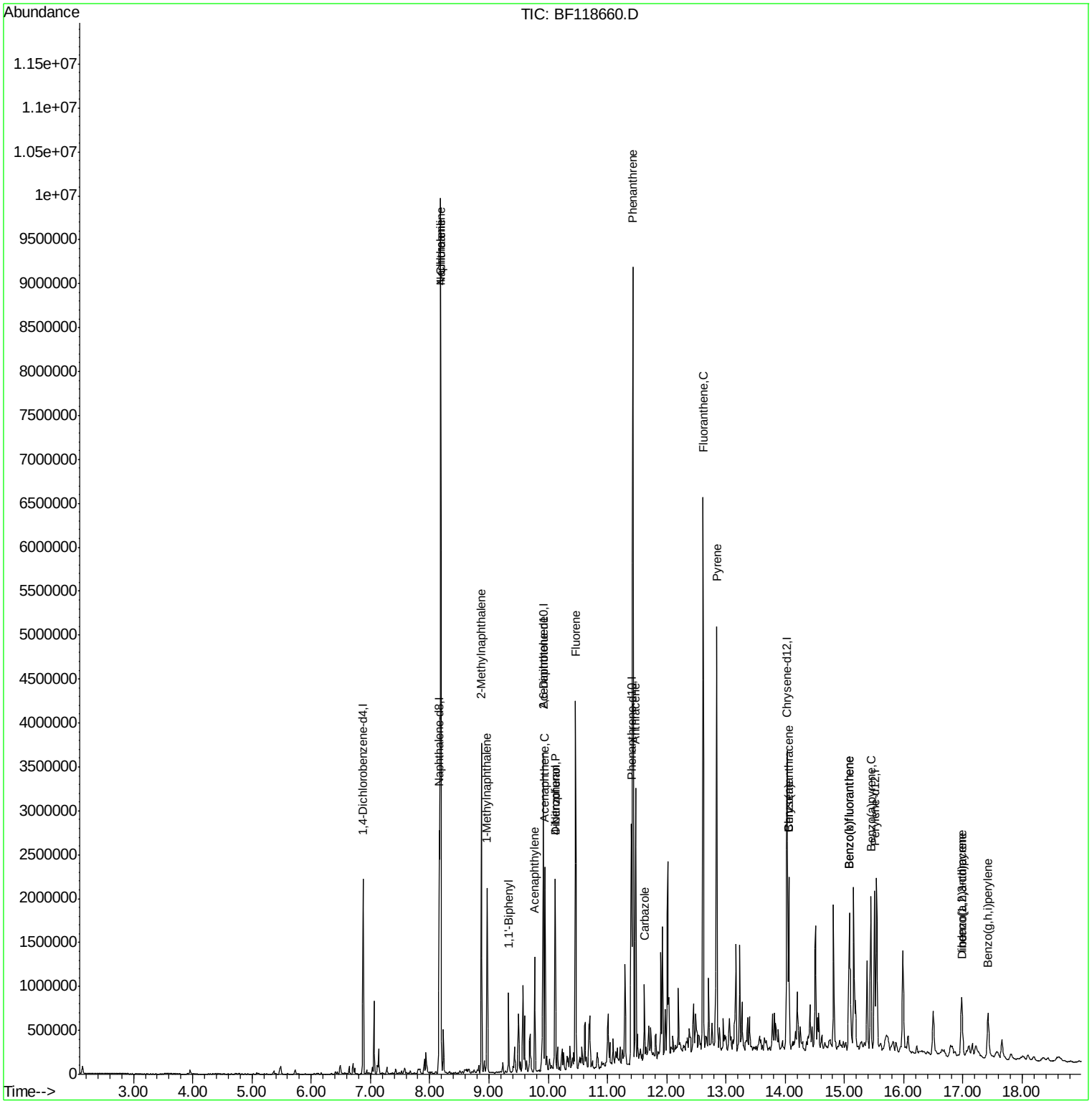
(#) = qualifier out of range (m) = manual integration (+) = signals summed

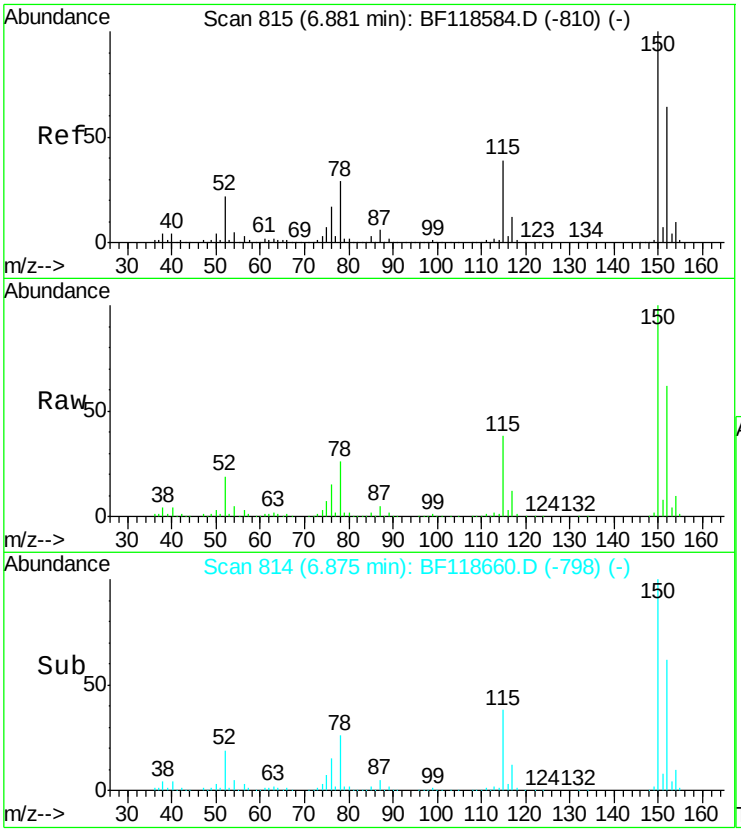
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118660.D
Acq On : 22 Jan 2020 11:38
Operator : CG/JU
Sample : L1148-03DL 100X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 22 12:40:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration



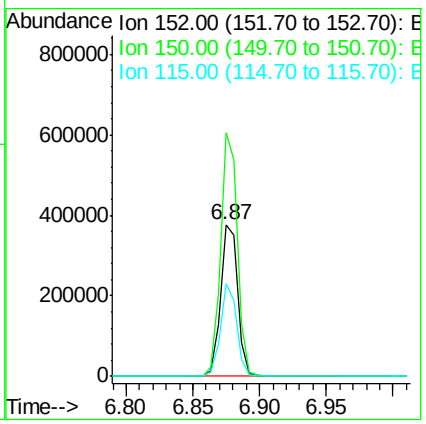


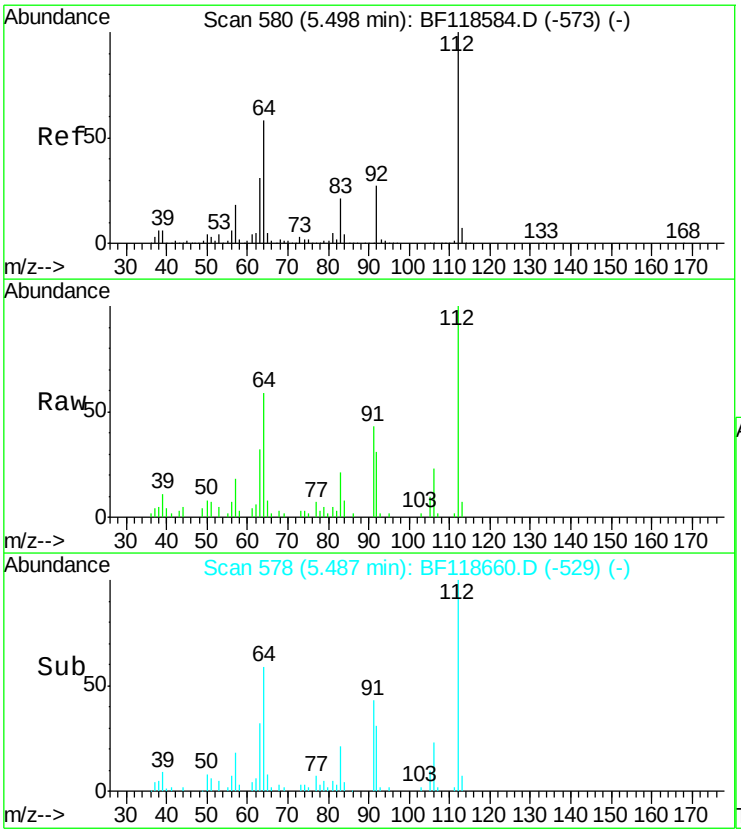
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 341666

Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.6	188.4
115	61.0	48.4	72.6

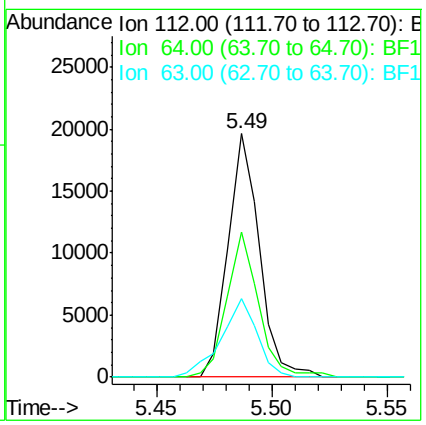


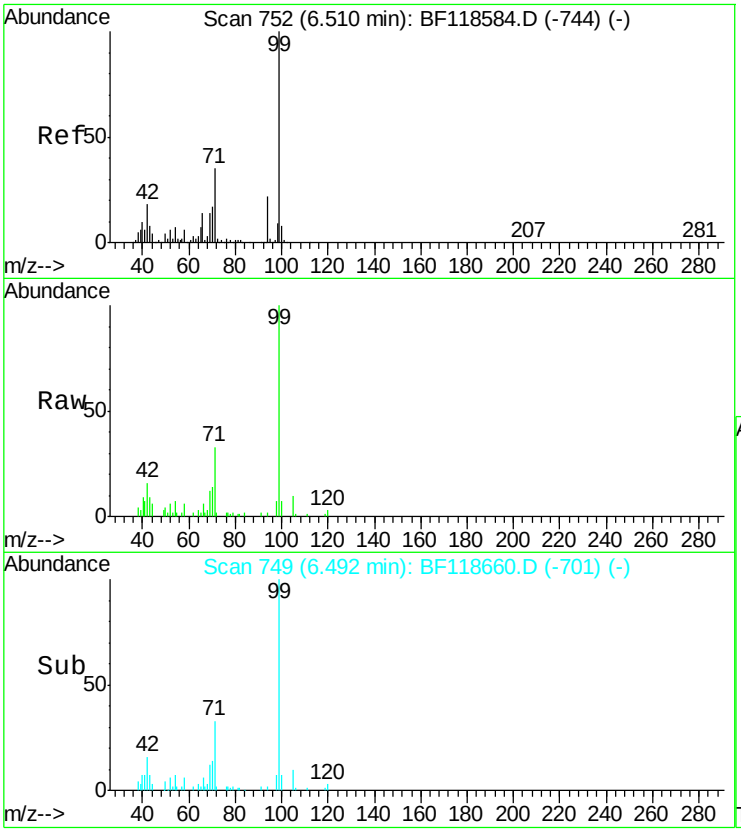


#5
2-Fluorophenol
Concen: 1.010 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:112 Resp: 18588

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.6	70.0
63	32.1	25.1	37.7



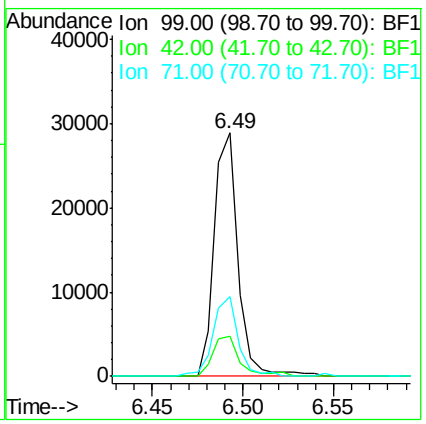


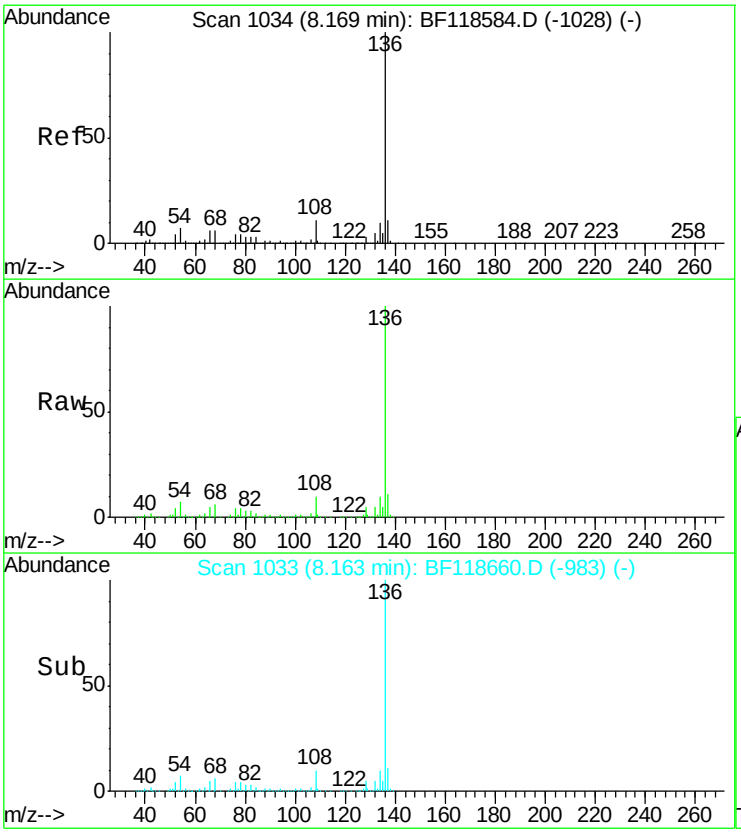
#7
Phenol-d6
Concen: 1.103 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 26364

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.2	21.2
71	32.8	27.8	41.6

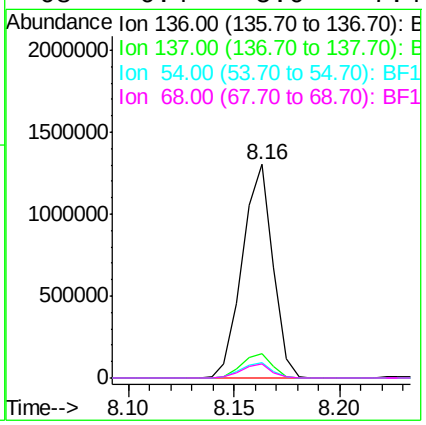


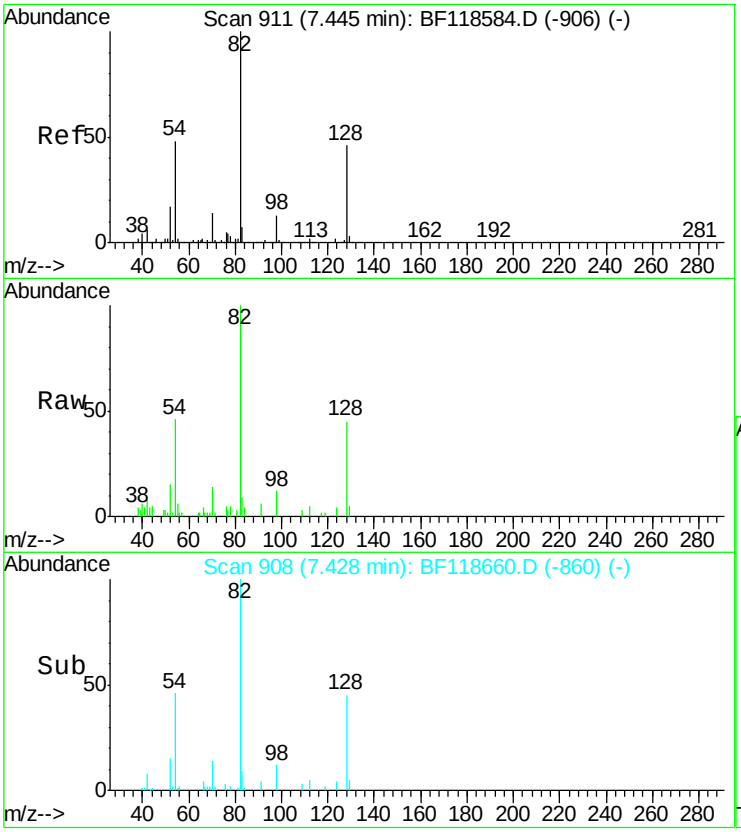


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:136 Resp: 1308404

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.2	5.8	8.6
68	6.4	5.0	7.4



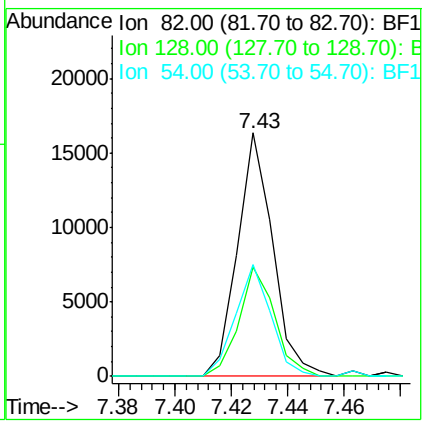


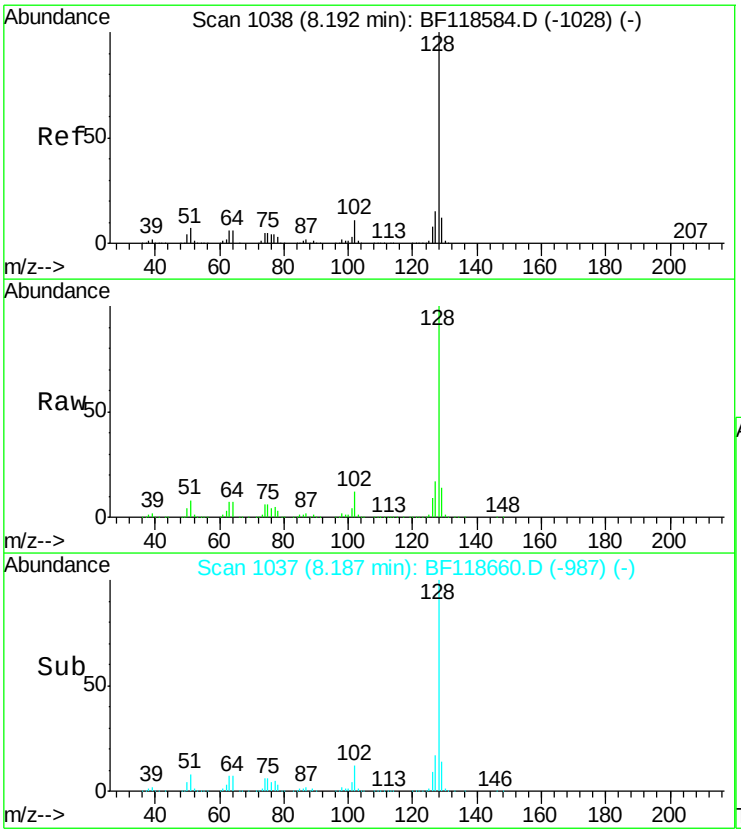
#23
Nitrobenzene-d5
Concen: 0.608 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 14212

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	54.8
54	45.9	38.0	57.0

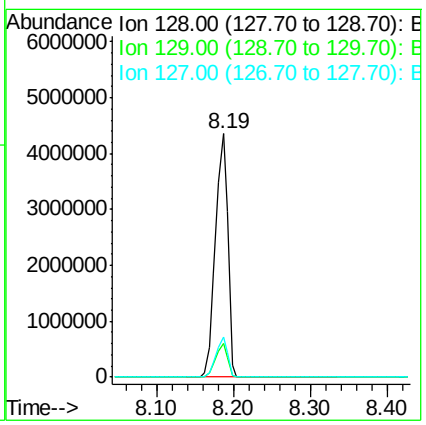


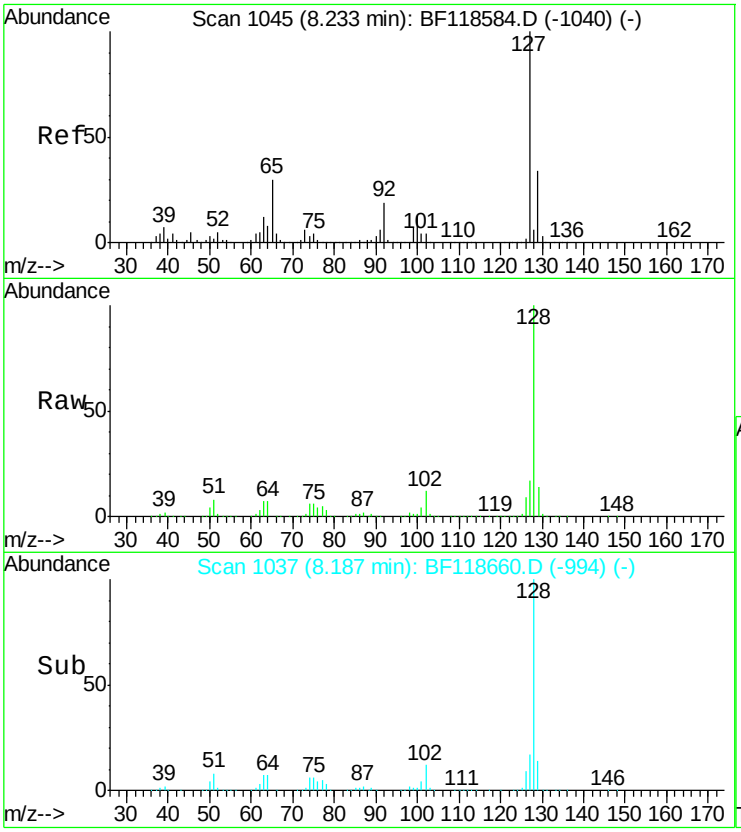


#31
Naphthalene
Concen: 81.342 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:128 Resp: 4807703

Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.9	14.9
127	16.6	12.0	18.0



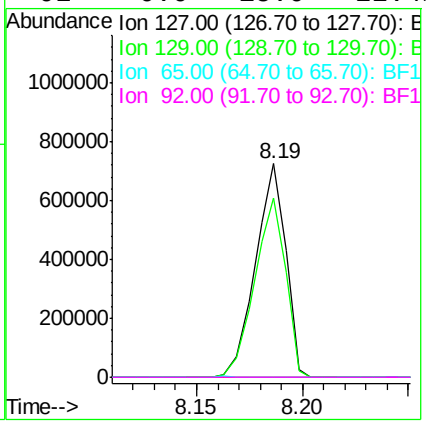


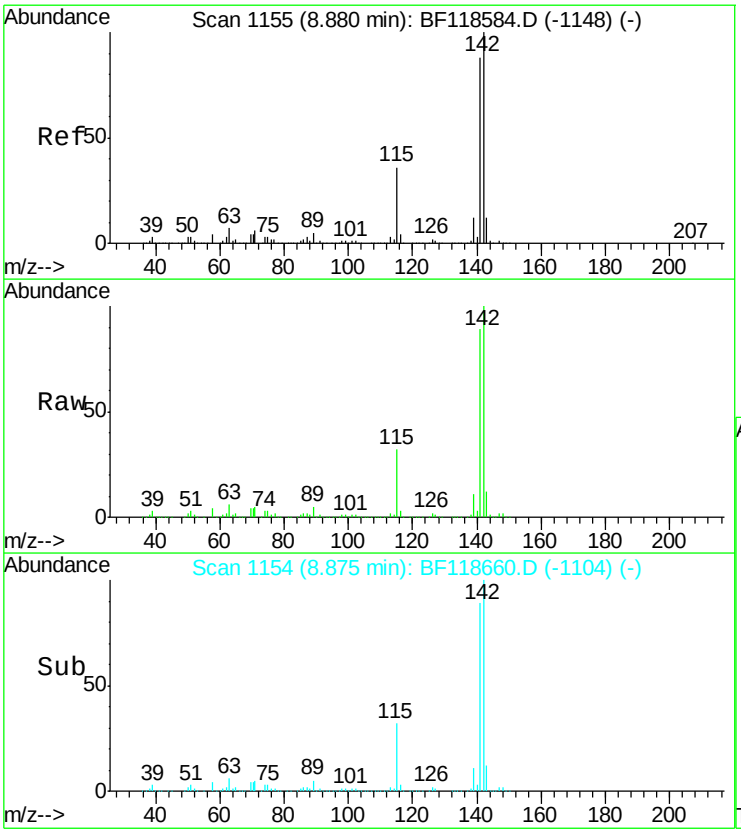
#33
4-Chloroaniline
Concen: 26.524 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 724581

Ion	Ratio	Lower	Upper
127	100		
129	83.8	27.4	41.0#
65	0.0	23.6	35.4#
92	0.0	15.0	22.4#

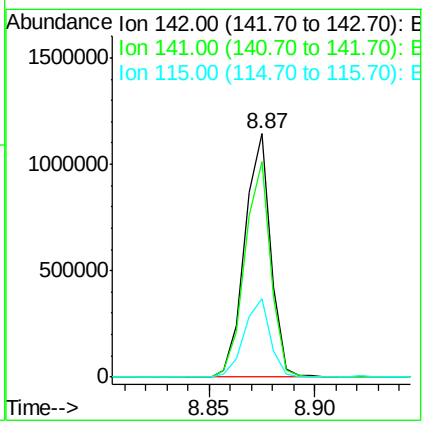


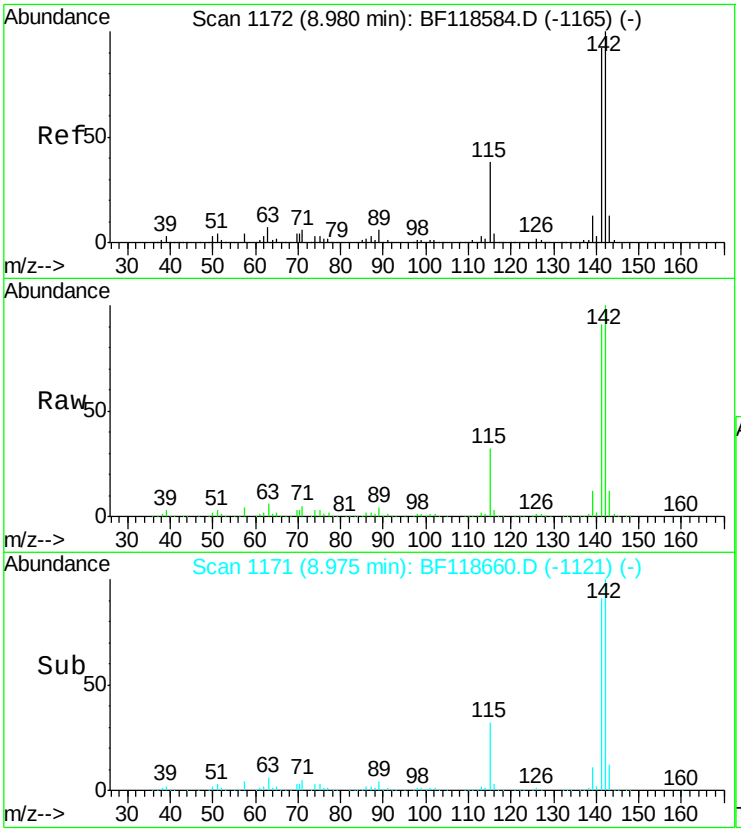


#37
2-Methylnaphthalene
Concen: 23.409 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:142 Resp: 976623

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	32.4	28.5	42.7



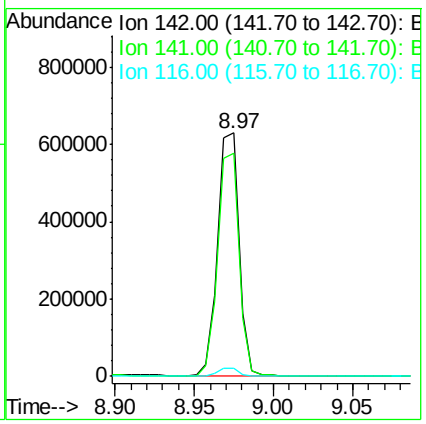


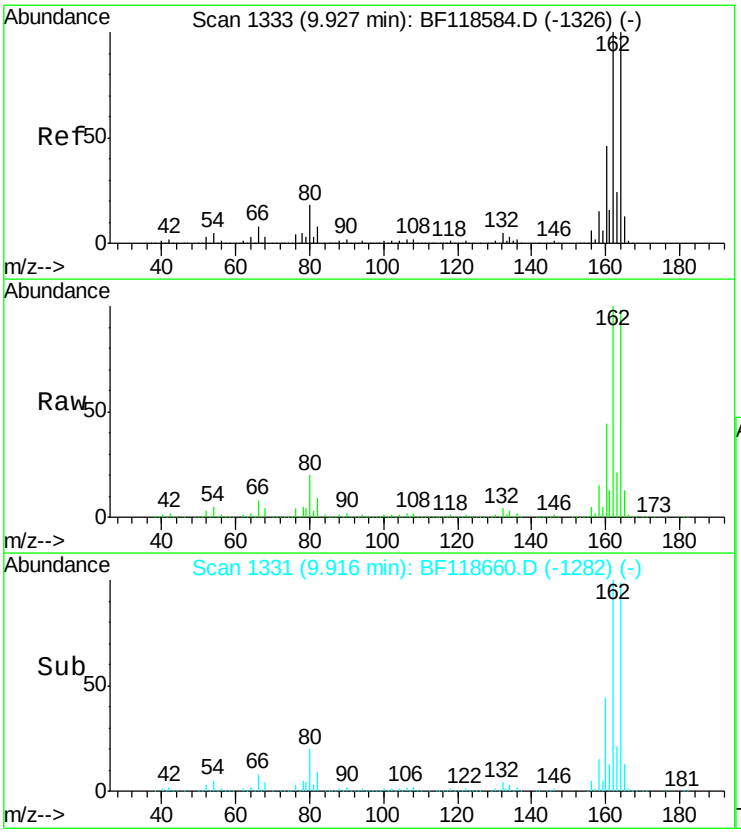
#38
1-Methylnaphthalene
Concen: 14.953 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 592656

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.2
116	3.3	3.3	4.9

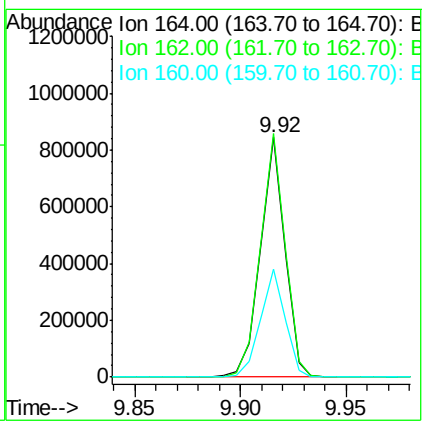


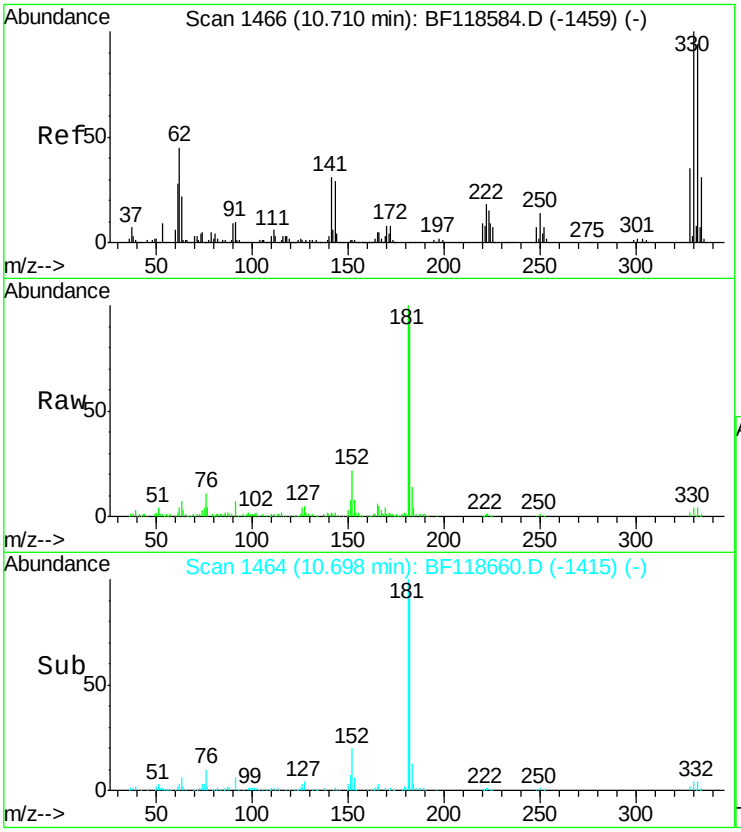


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:164 Resp: 690559

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.4	120.6
160	45.0	36.6	55.0



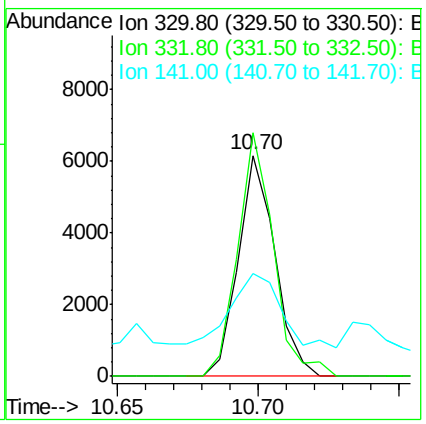


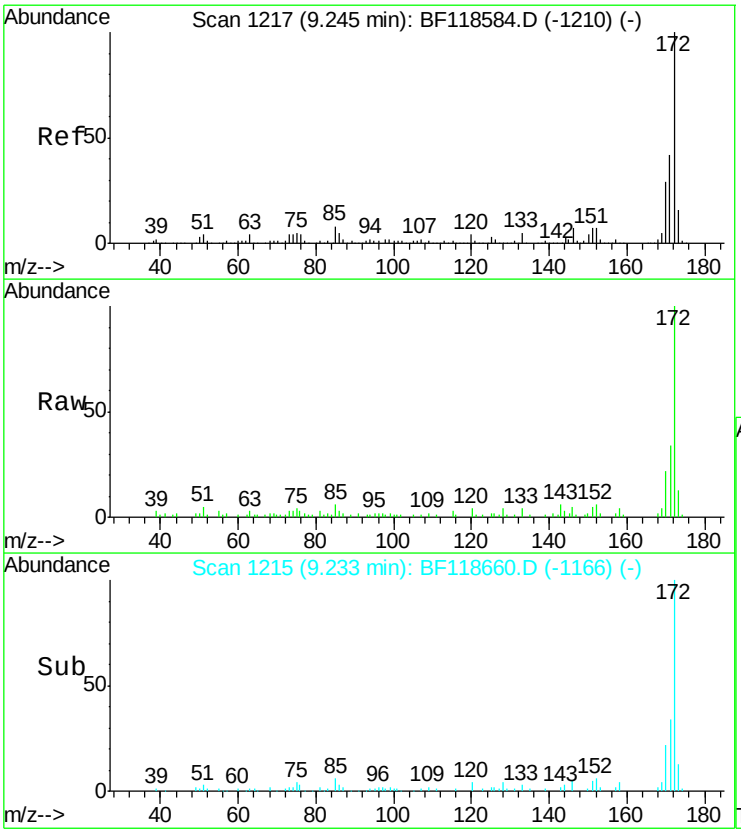
#42
2,4,6-Tribromophenol
Concen: 0.696 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 5557

Ion	Ratio	Lower	Upper
330	100		
332	107.6	76.2	114.4
141	46.0	23.9	35.9#

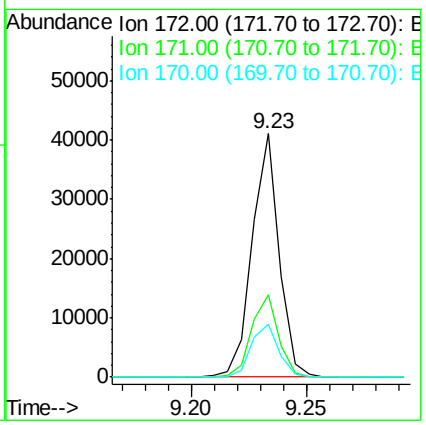


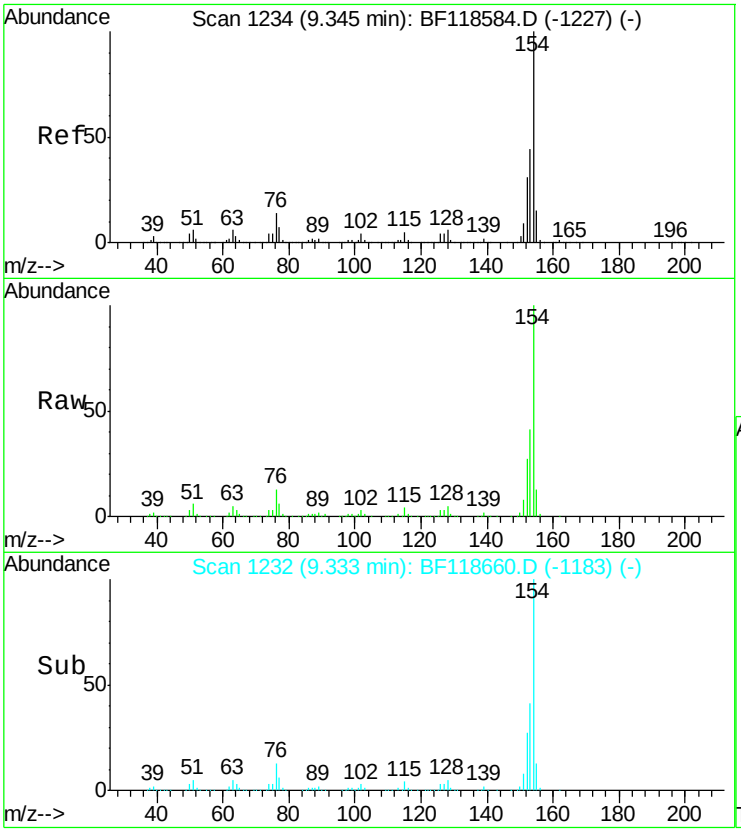


#45
2-Fluorobiphenyl
Concen: 0.798 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:172 Resp: 33545

Ion	Ratio	Lower	Upper
172	100		
171	33.7	33.4	50.2
170	21.7	23.2	34.8#



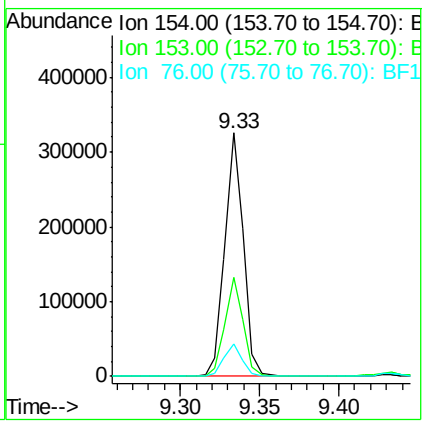


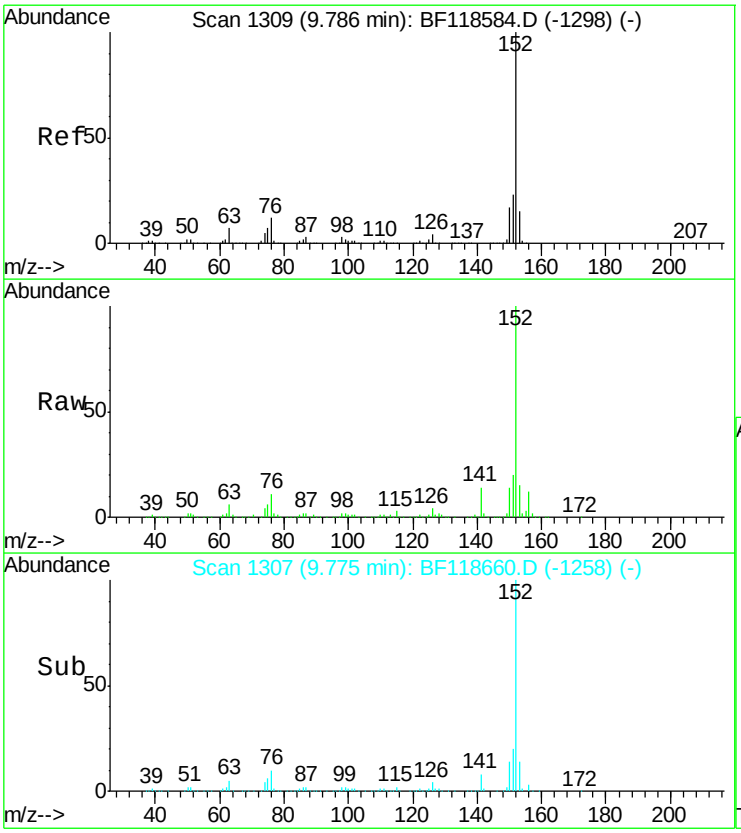
#46
1,1'-Biphenyl
Concen: 5.536 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 263456

Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.8	63.8
76	13.4	0.0	34.3

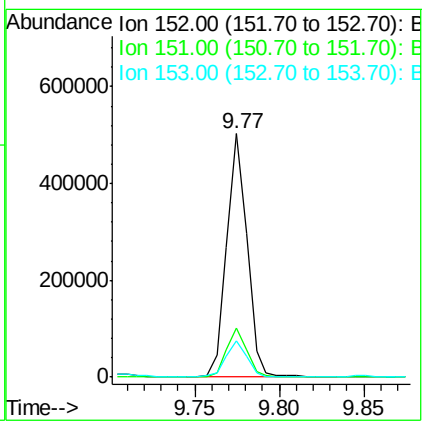


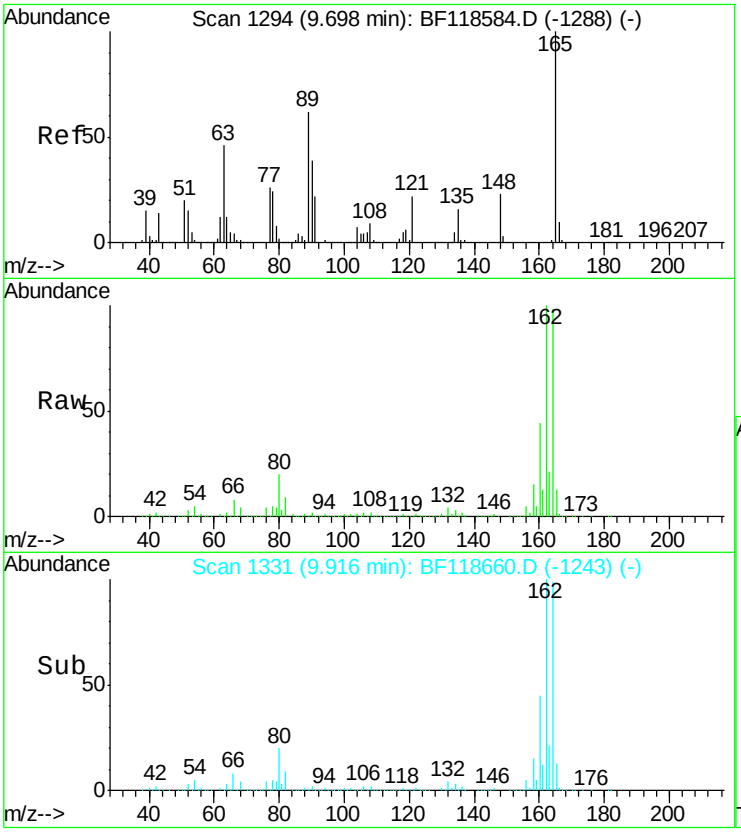


#49
Acenaphthylene
Concen: 7.505 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:152 Resp: 423540

Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.6	27.8
153	15.0	12.2	18.4



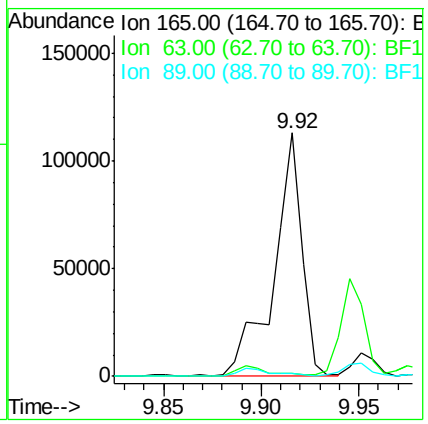


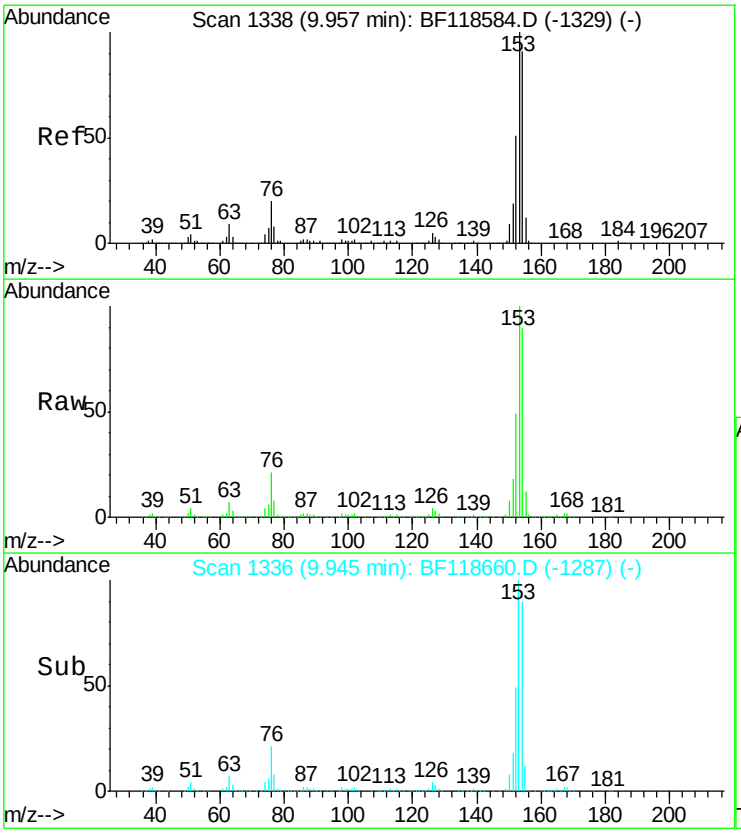
#51
2,6-Dinitrotoluene
Concen: 11.311 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 113954

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	1.4	49.8	74.6#

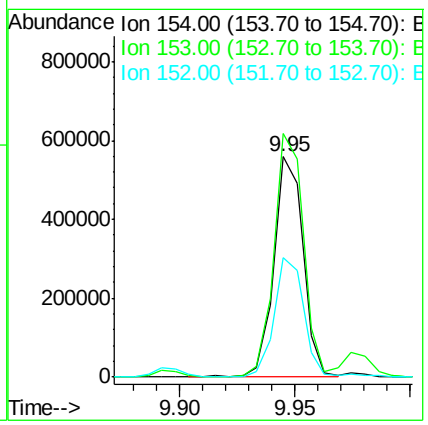


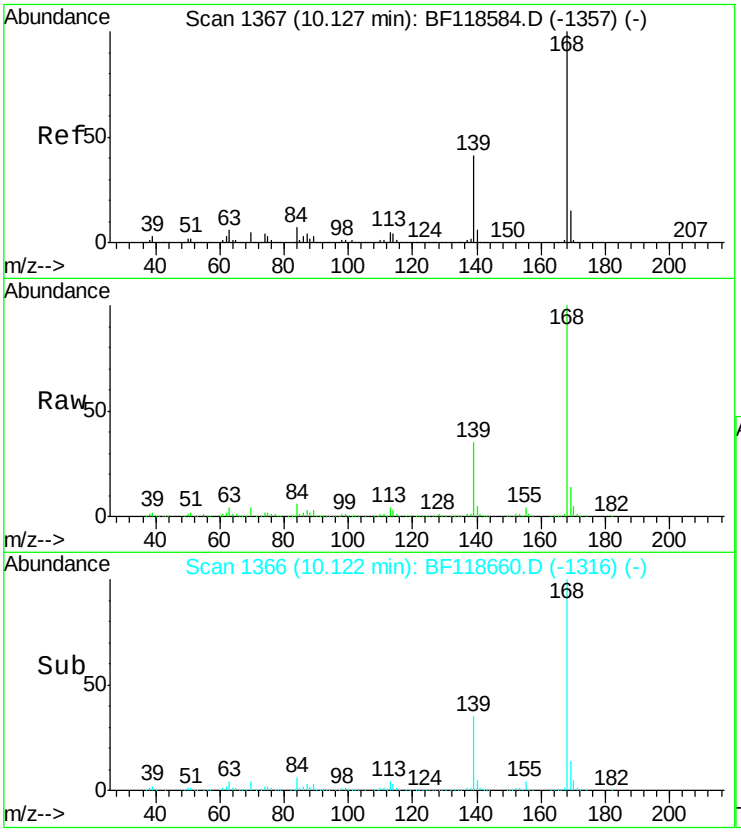


#52
Acenaphthene
Concen: 12.884 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:154 Resp: 486189

Ion	Ratio	Lower	Upper
154	100		
153	110.7	87.6	131.4
152	54.4	44.4	66.6



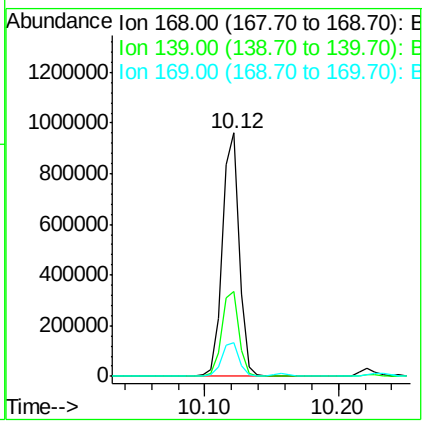


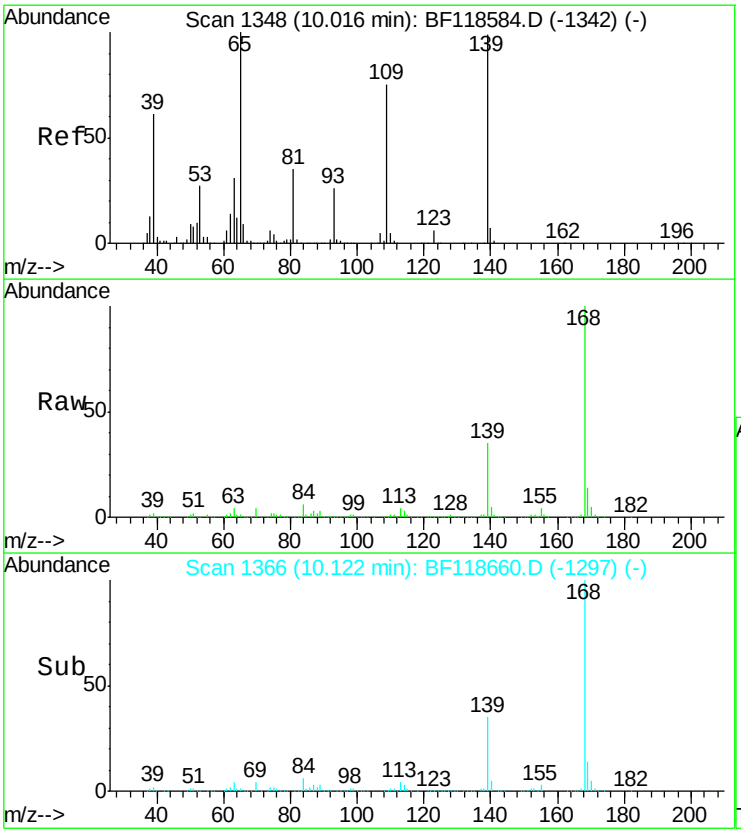
#55
Dibenzofuran
Concen: 16.431 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 859283

Ion	Ratio	Lower	Upper
168	100		
139	34.9	32.7	49.1
169	14.1	12.2	18.2

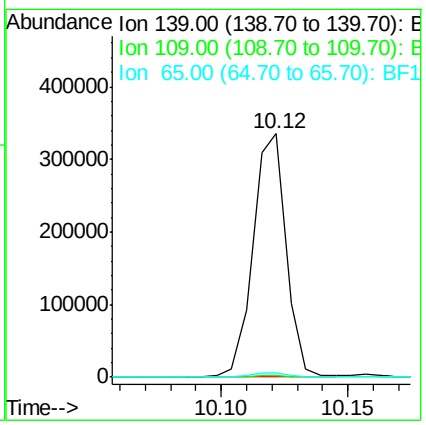


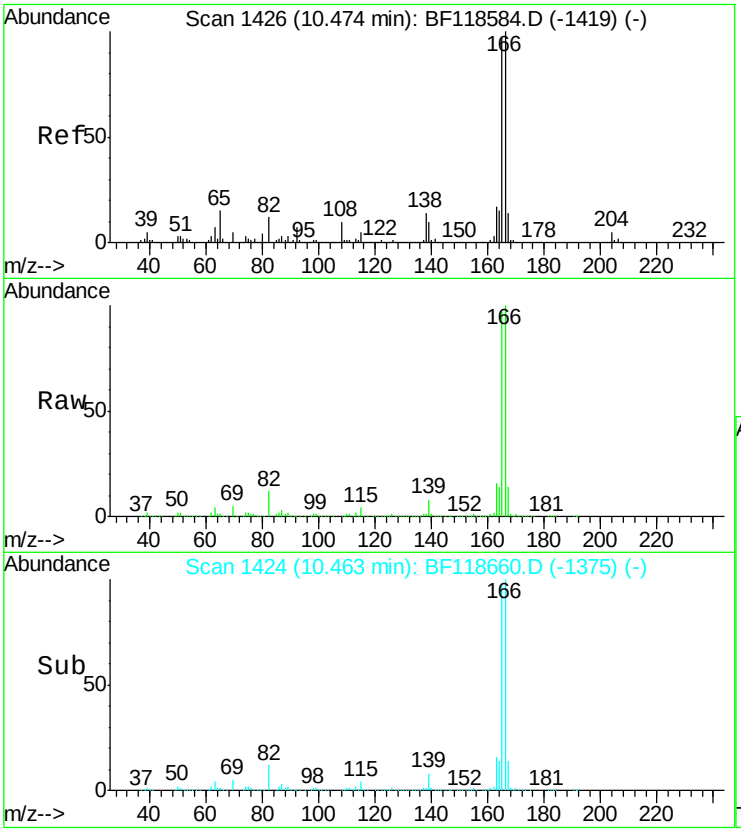


#56
4-Nitrophenol
Concen: 35.009 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.11 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:139 Resp: 304034

Ion	Ratio	Lower	Upper
139	100		
109	0.8	56.0	96.0#
65	1.6	81.4	121.4#



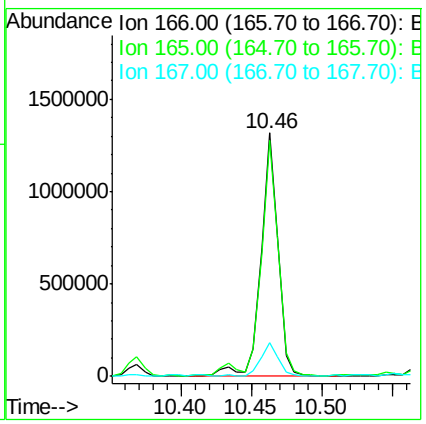


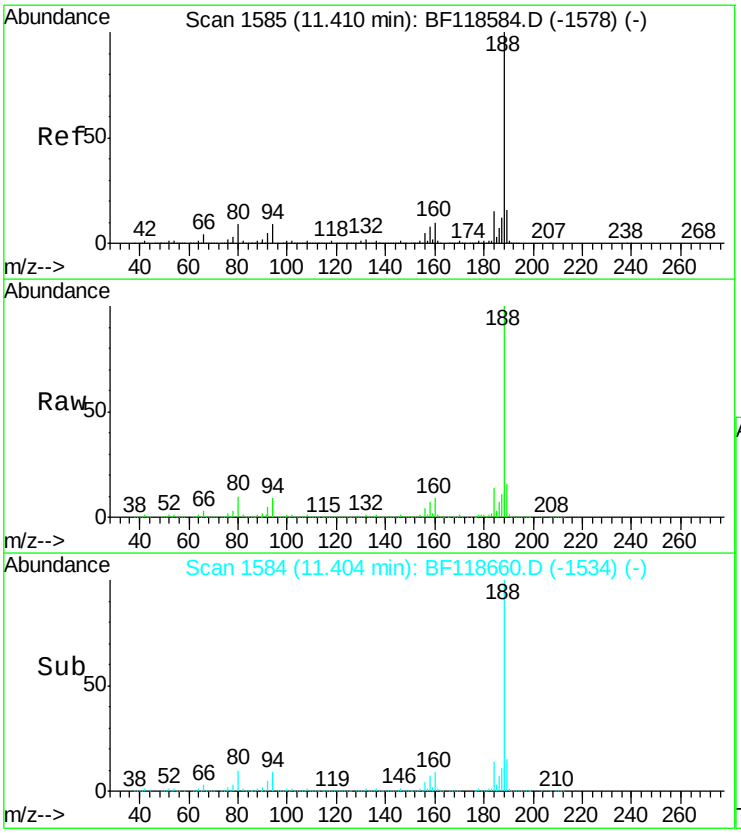
#58
Fluorene
Concen: 27.643 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 1134856

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.3	115.9
167	14.0	11.5	17.3

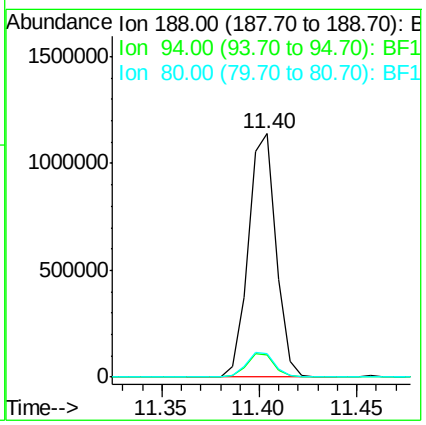


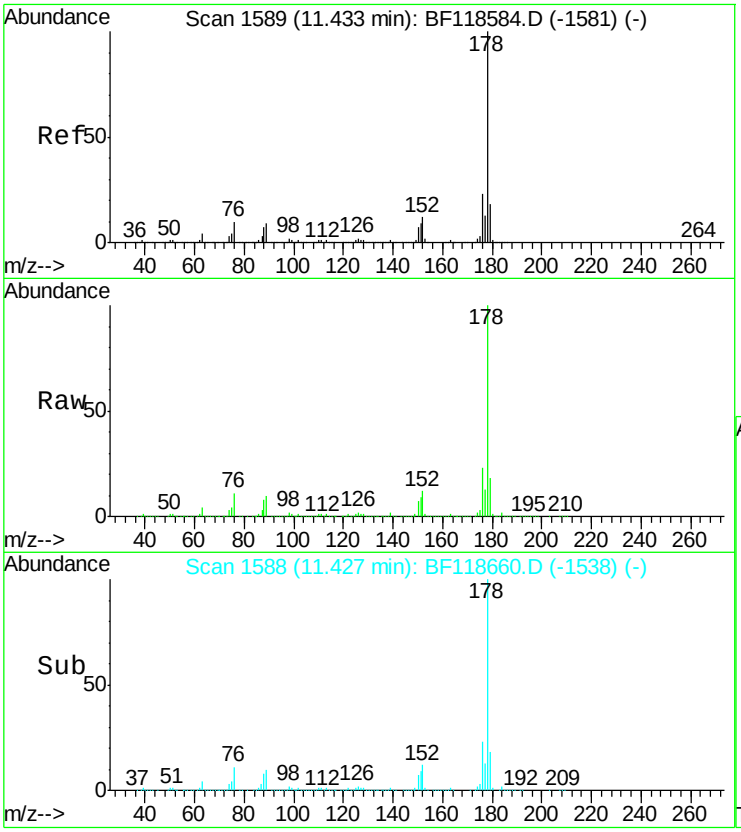


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:188 Resp: 1117646

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.6	7.5	11.3



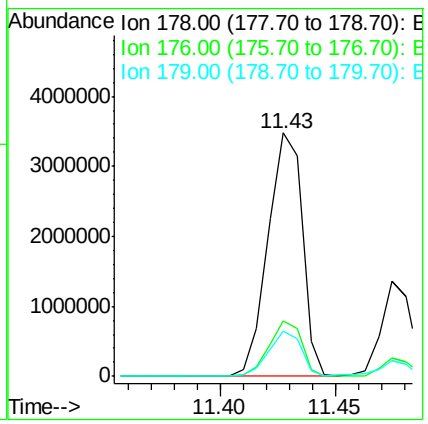


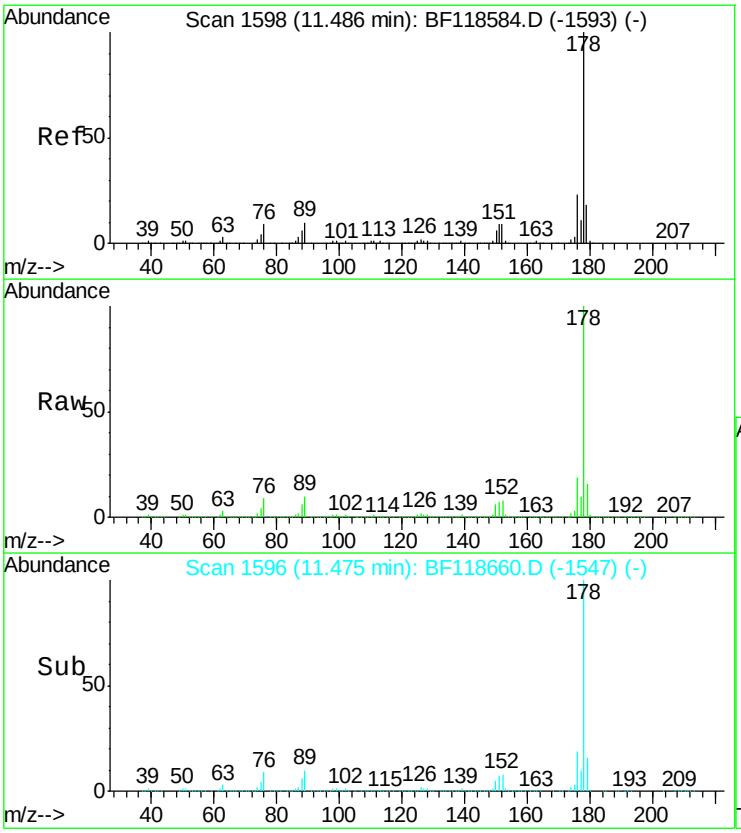
#71
Phenanthrene
Concen: 66.690 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 3595948

Ion	Ratio	Lower	Upper
178	100		
176	22.8	18.6	27.8
179	18.4	14.7	22.1

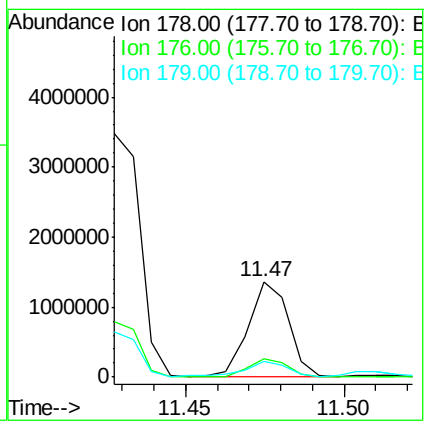


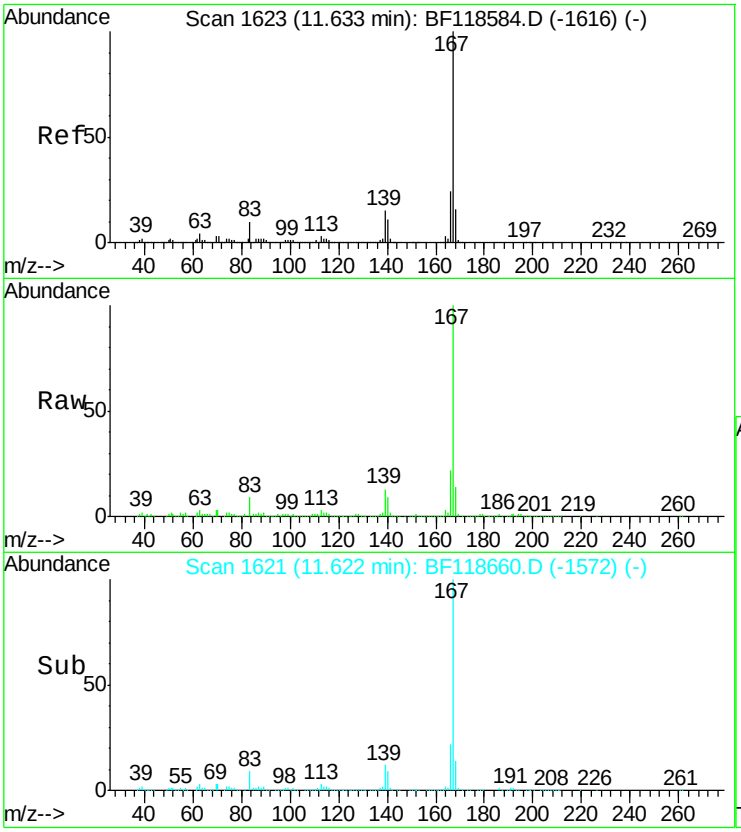


#72
Anthracene
Concen: 22.205 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:178 Resp: 1184726

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.0	27.0
179	16.2	14.7	22.1



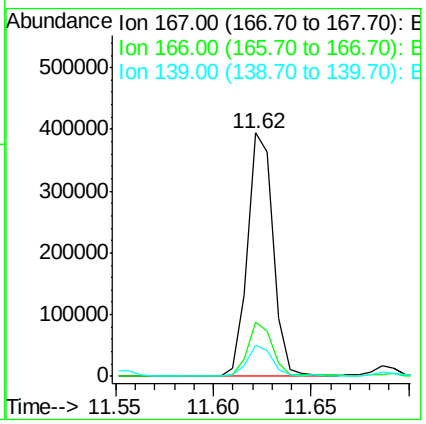


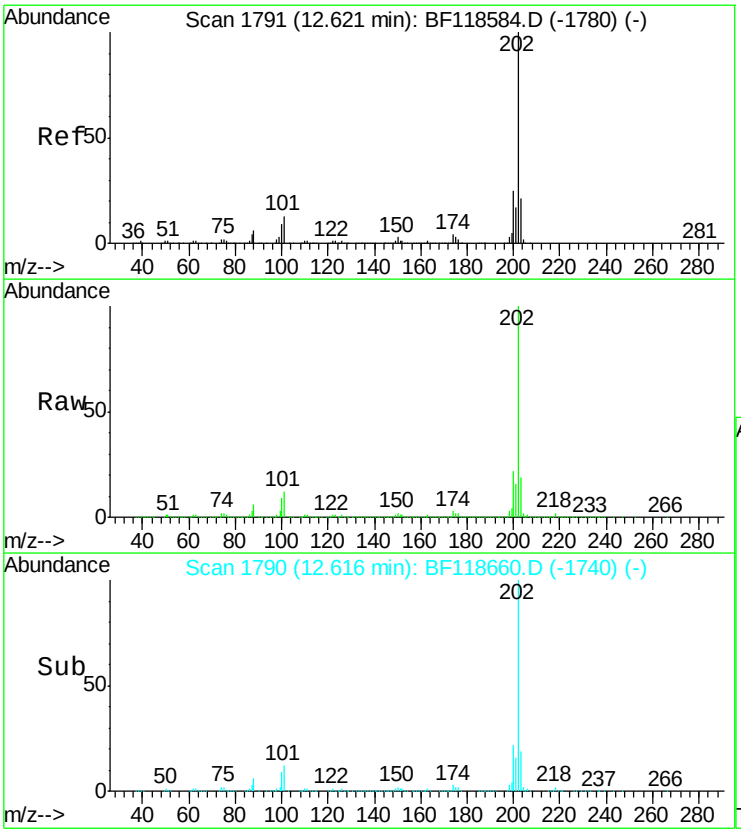
#73
Carbazole
Concen: 7.287 ng
RT: 11.62 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 356633

Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.4	29.2
139	12.7	11.7	17.5

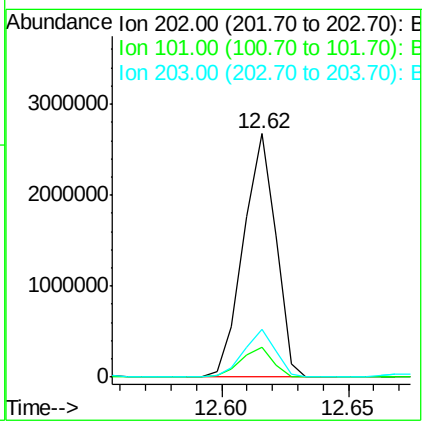


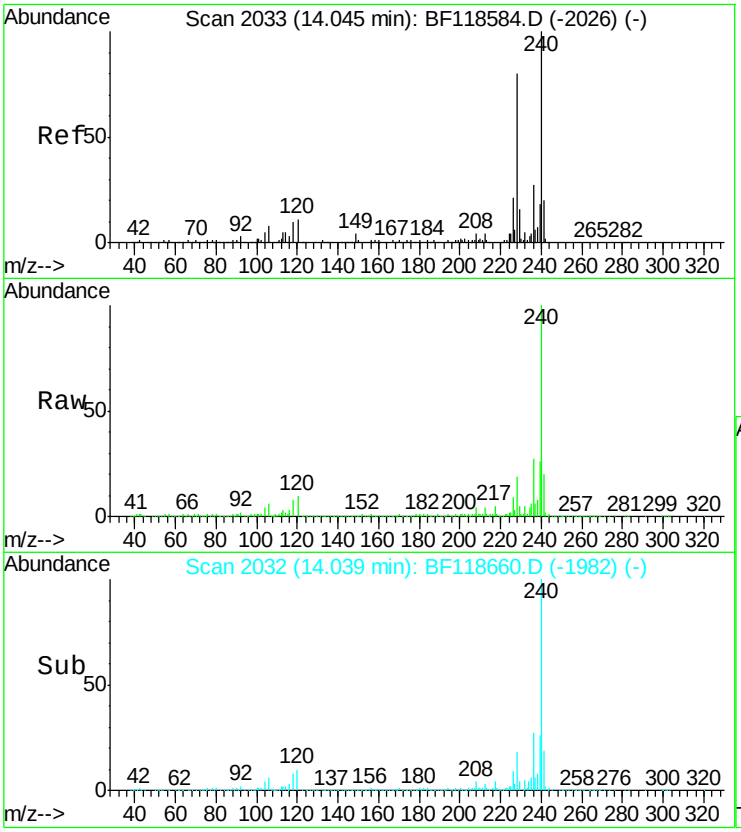


#75
Fluoranthene
Concen: 42.003 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:202 Resp: 2388743

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.5
203	19.5	0.8	40.8



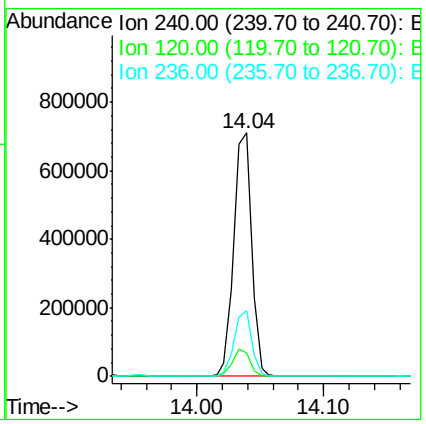


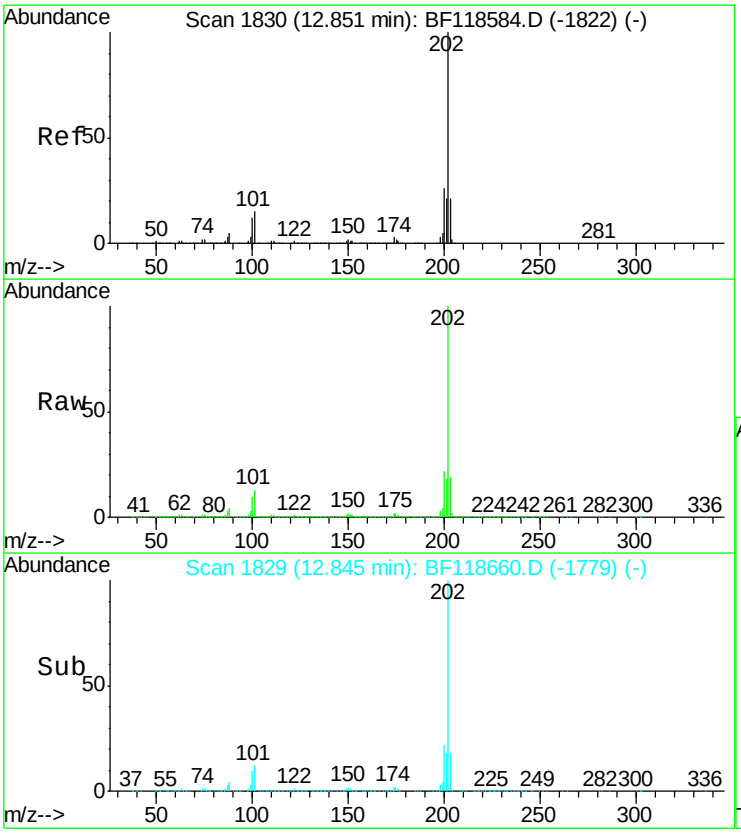
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 686654

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	26.9	21.5	32.3

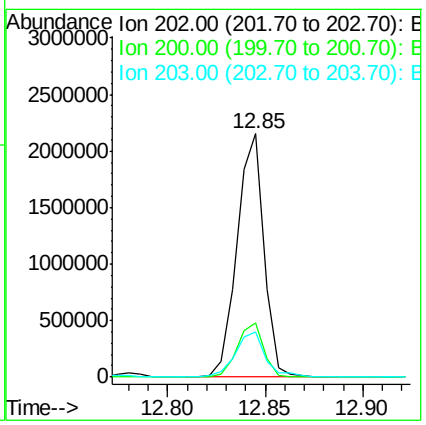


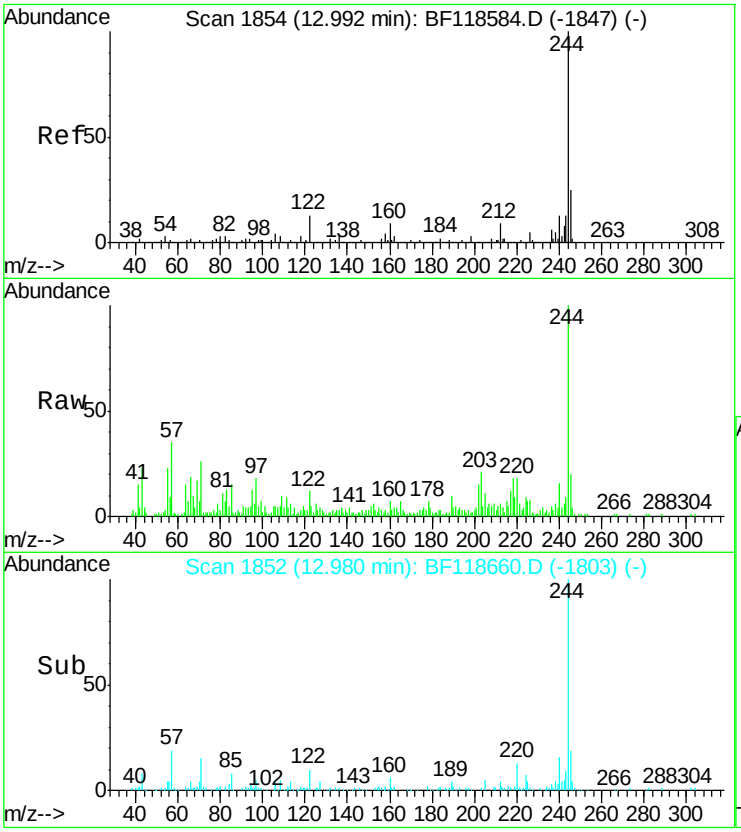


#78
Pyrene
Concen: 44.033 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:202 Resp: 2052718

Ion	Ratio	Lower	Upper
202	100		
200	22.2	20.6	31.0
203	18.7	16.8	25.2



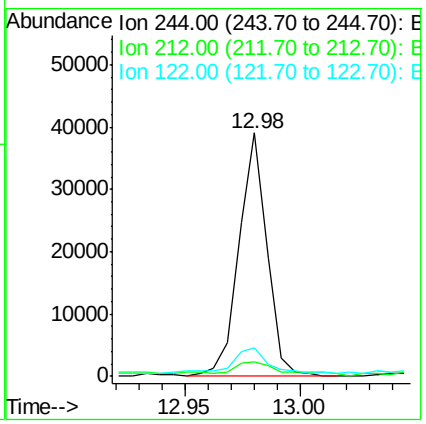


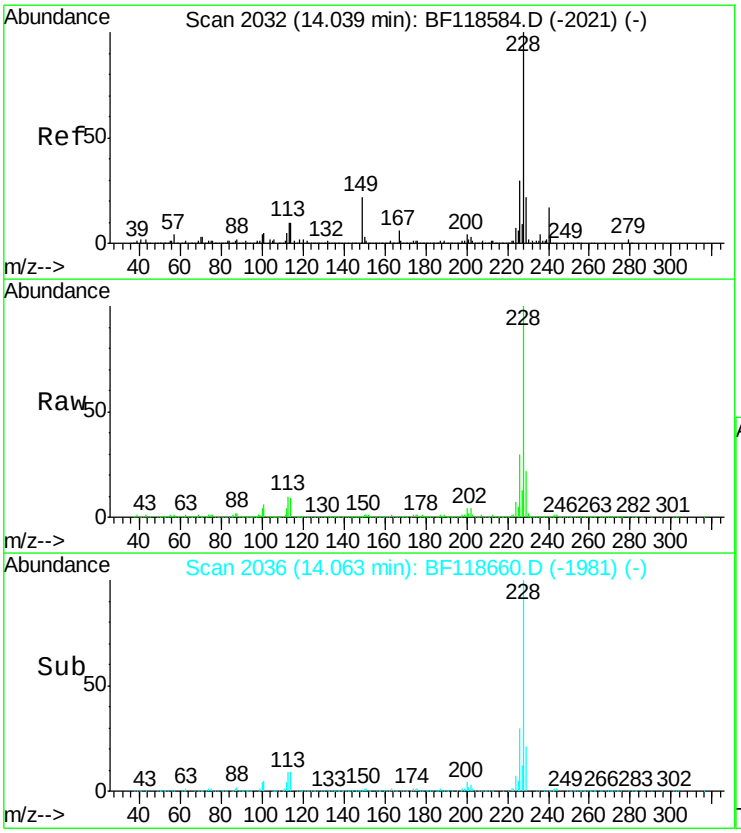
#79
Terphenyl-d14
Concen: 1.053 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 33156

Ion	Ratio	Lower	Upper
244	100		
212	5.8	7.0	10.4#
122	11.7	10.7	16.1

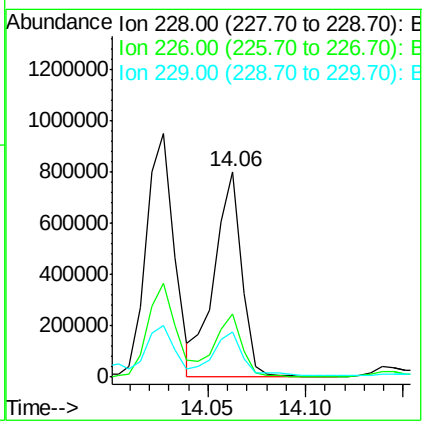


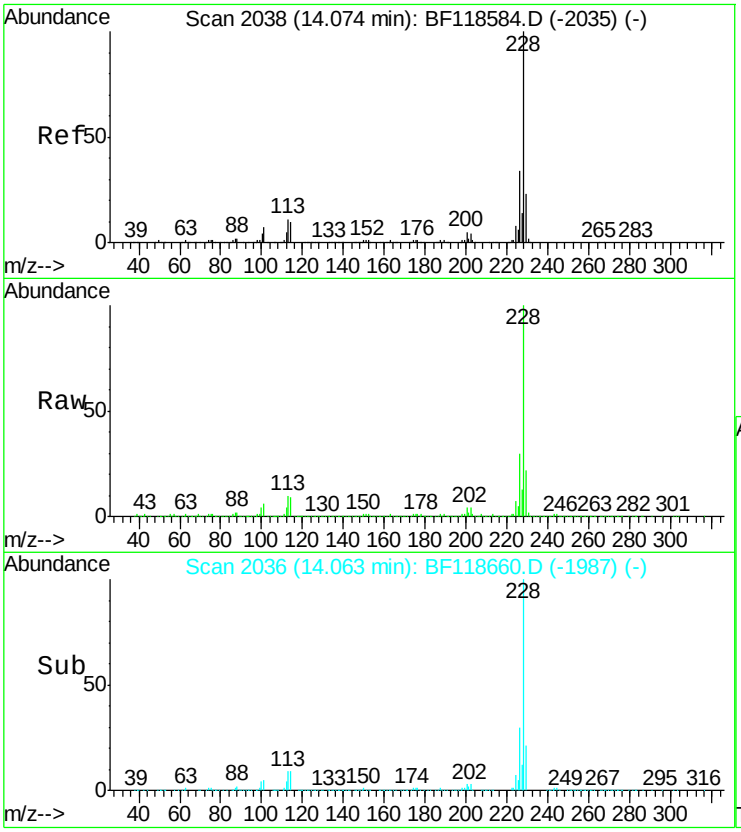


#81
Benzo(a)anthracene
Concen: 18.822 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:228 Resp: 777478

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	21.8	17.6	26.4



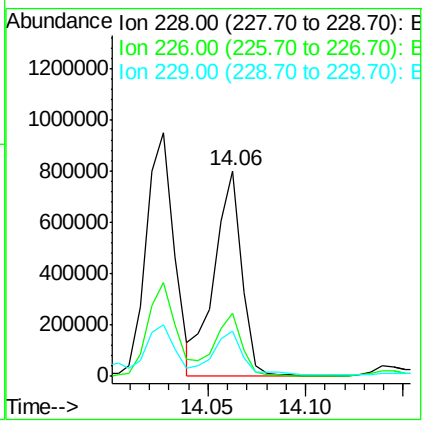


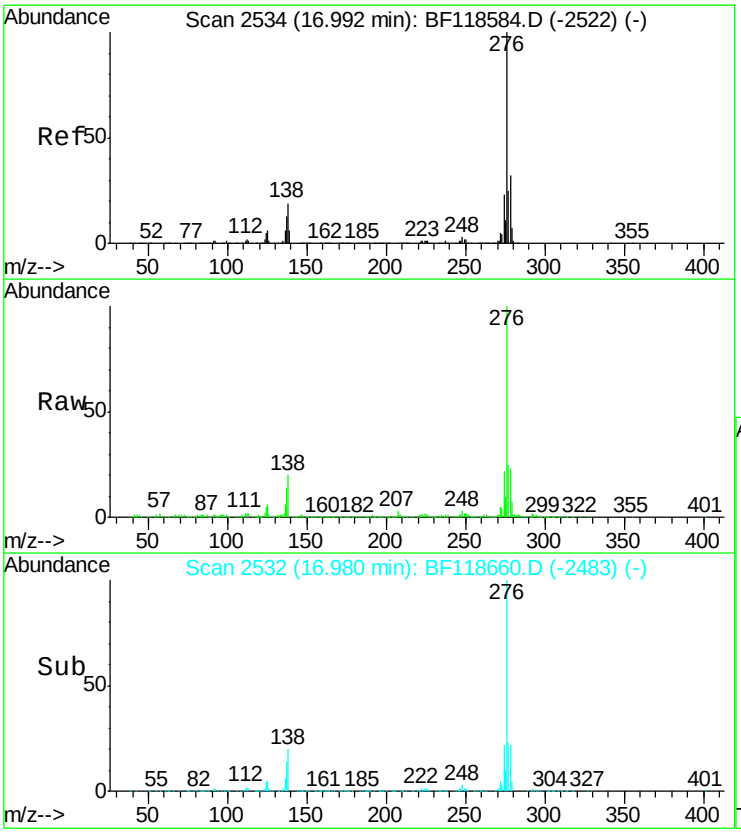
#83
Chrysene
Concen: 19.639 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 777478

Ion	Ratio	Lower	Upper
228	100		
226	30.5	27.4	41.0
229	21.8	18.3	27.5

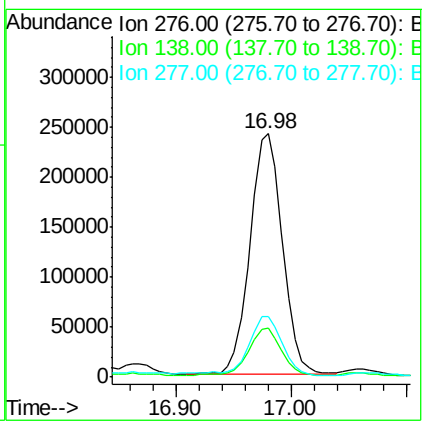


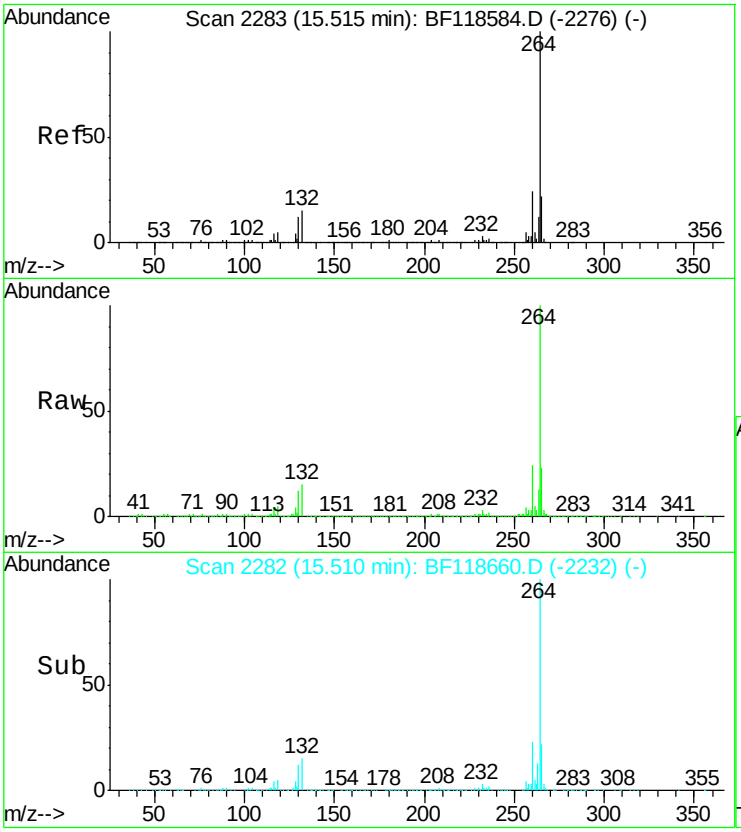


#86
Indeno(1,2,3-cd)pyrene
Concen: 13.749 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:276 Resp: 472938

Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.2	25.8
277	25.3	20.5	30.7



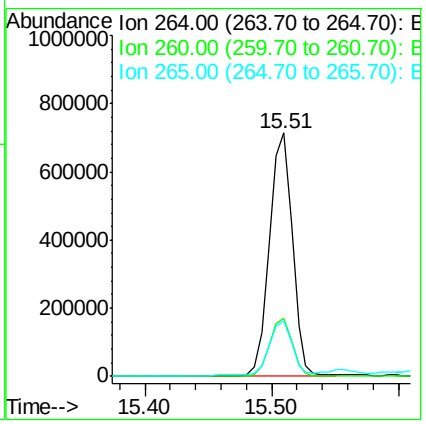


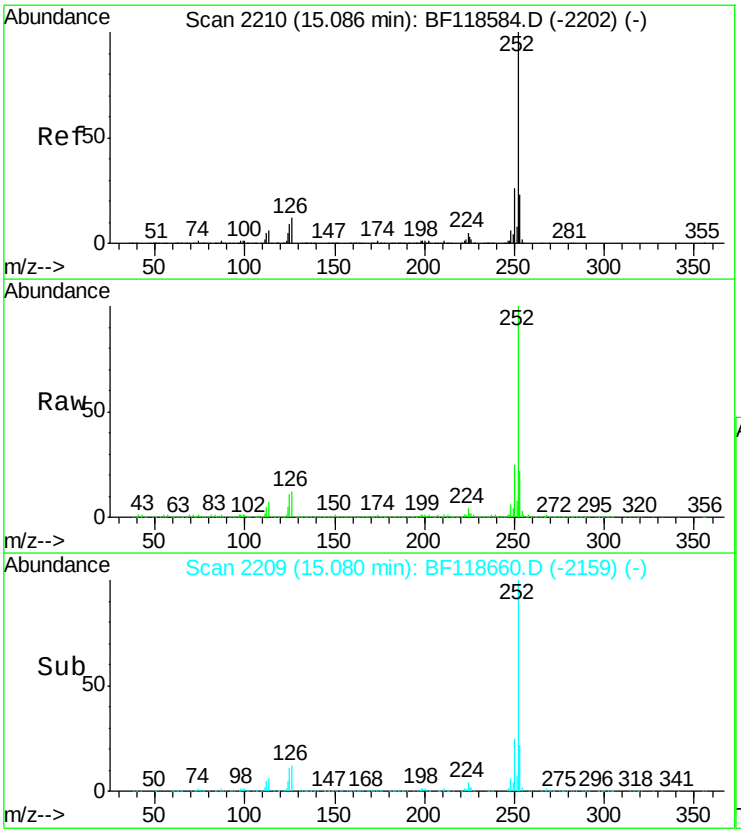
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 896201

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.6	17.7	26.5

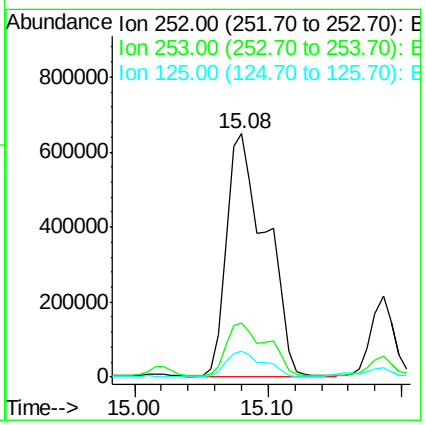


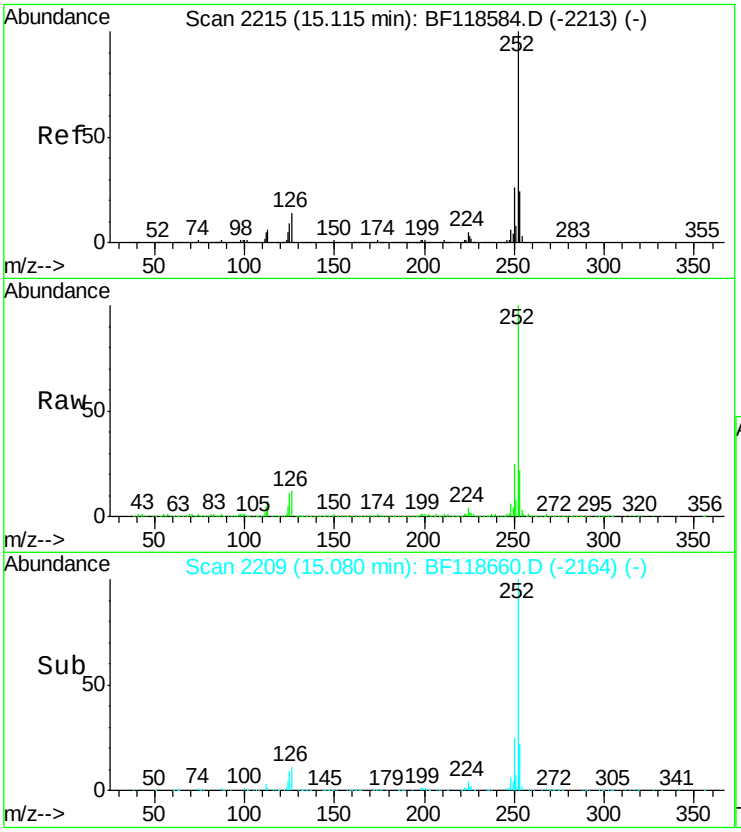


#88
Benzo(b)fluoranthene
Concen: 23.595 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:252 Resp: 1329178

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	10.8	7.3	10.9



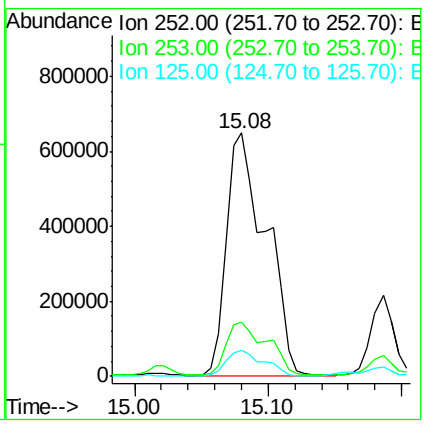


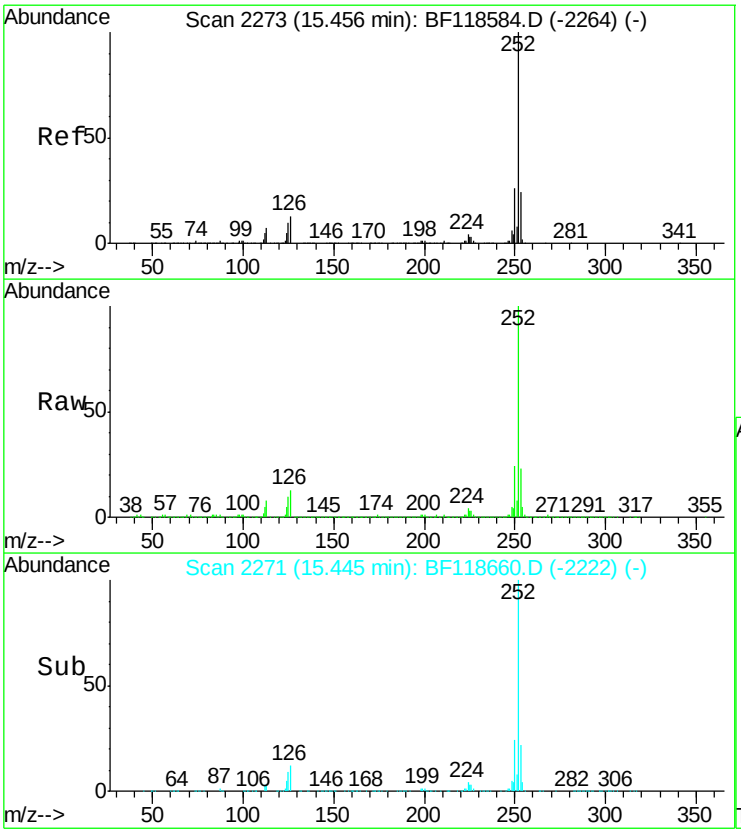
#89
Benzo(k)fluoranthene
Concen: 25.468 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1329178

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.0	28.4
125	10.8	7.6	11.4

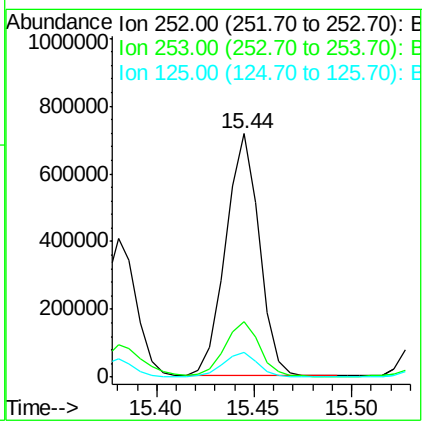


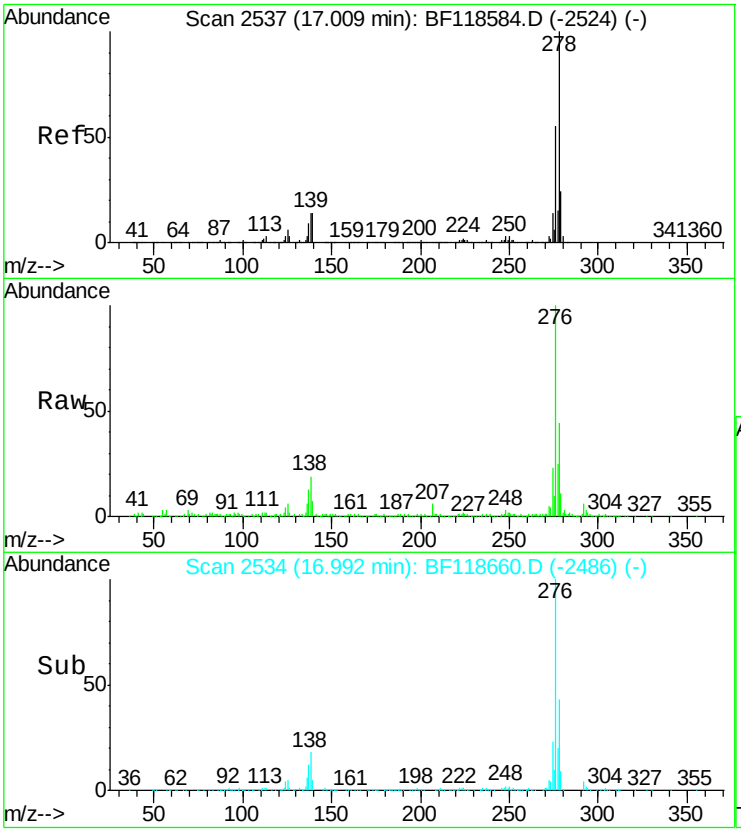


#90
Benzo(a)pyrene
Concen: 17.534 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:252 Resp: 852035

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.8	28.2
125	10.2	7.8	11.6



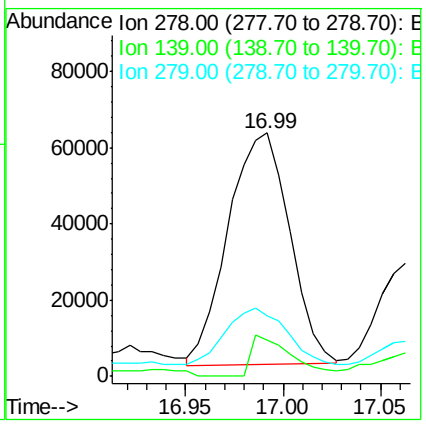


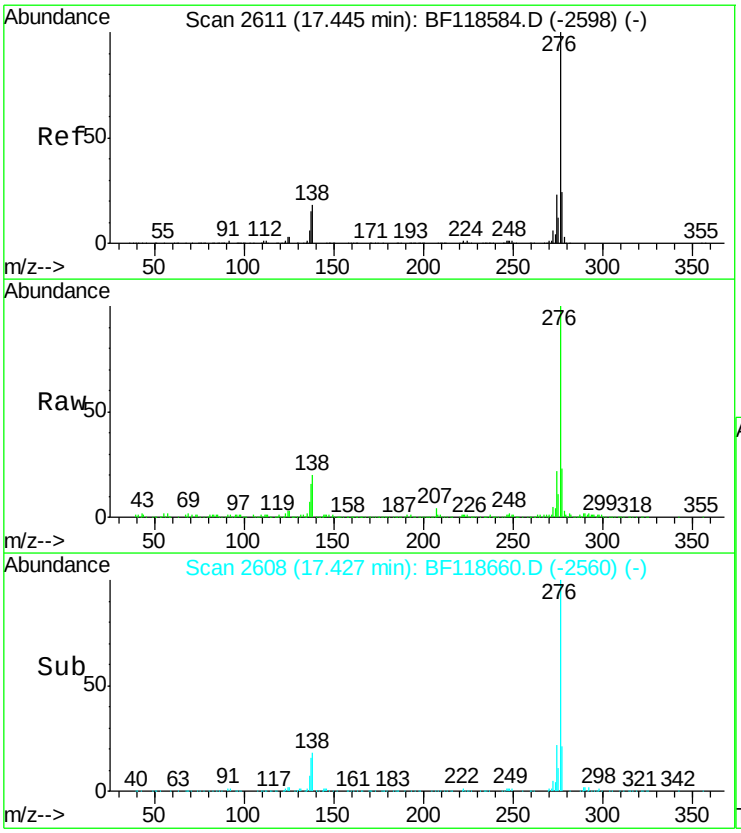
#91
Dibenzo(a,h)anthracene
Concen: 3.085 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.02 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 132614

Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.4	17.0
279	25.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 10.276 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF118660.D
Acq: 22 Jan 2020 11:38

Tgt Ion:276 Resp: 428861

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	19.5	14.4	21.6