Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118661.D
Acq On : 22 Jan 2020 12:05
Operator : CG/JU
Sample : L1148-17DL 400X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 22 13:10:45 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	319529	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1179502	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	588957	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	907994	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	763286	20.00	ng		-0.01
87) Perylene-d12	15.50	264	957571	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	3163	0.18	ng		-0.01
7) Phenol-d6	6.49	99	4384	0.20	ng		-0.02
23) Nitrobenzene-d5	7.43	82	2801	0.13	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	969	0.14	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	7089	0.20	ng		-0.01
79) Terphenyl-d14	12.98	244	7978	0.23	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.19	128	3187617	59.825	ng		100
33) 4-Chloroaniline	8.19	127	456495	18.536	ng	#	35
37) 2-Methylnaphthalene	8.87	142	562269	14.950	ng		96
38) 1-Methylnaphthalene	8.97	142	314469	8.801	ng		99
46) 1,1'-Biphenyl	9.33	154	134788	3.321	ng		96
49) Acenaphthylene	9.77	152	252609	5.248	ng		95
51) 2,6-Dinitrotoluene	9.92	165	86247	10.038	ng	#	21
52) Acenaphthene	9.95	154	154132	4.789	ng		98
55) Dibenzofuran	10.12	168	383963	8.609	ng		93
56) 4-Nitrophenol	10.12	139	134292	18.131	ng	#	6
58) Fluorene	10.46	166	487380	13.920	ng		98
71) Phenanthrene	11.42	178	1749359	39.935	ng		94
72) Anthracene	11.47	178	460029	10.613	ng		92
73) Carbazole	11.62	167	154512	3.886	ng		94
75) Fluoranthene	12.61	202	1076709	23.304	ng		96
78) Pyrene	12.84	202	926161	17.873	ng		92
81) Benzo(a)anthracene	14.02	228	455817	9.927	ng		93
83) Chrysene	14.06	228	375988	8.544	ng		96
86) Indeno(1,2,3-cd)pyrene	16.97	276	182631	4.776	ng		98
88) Benzo(b)fluoranthene	15.07	252	594863	9.883	ng		99
89) Benzo(k)fluoranthene	15.07	252	594863	10.668	ng		98
90) Benzo(a)pyrene	15.44	252	381834	7.354	ng		99
92) Benzo(g,h,i)perylene	17.42	276	160540	3.600	ng		100

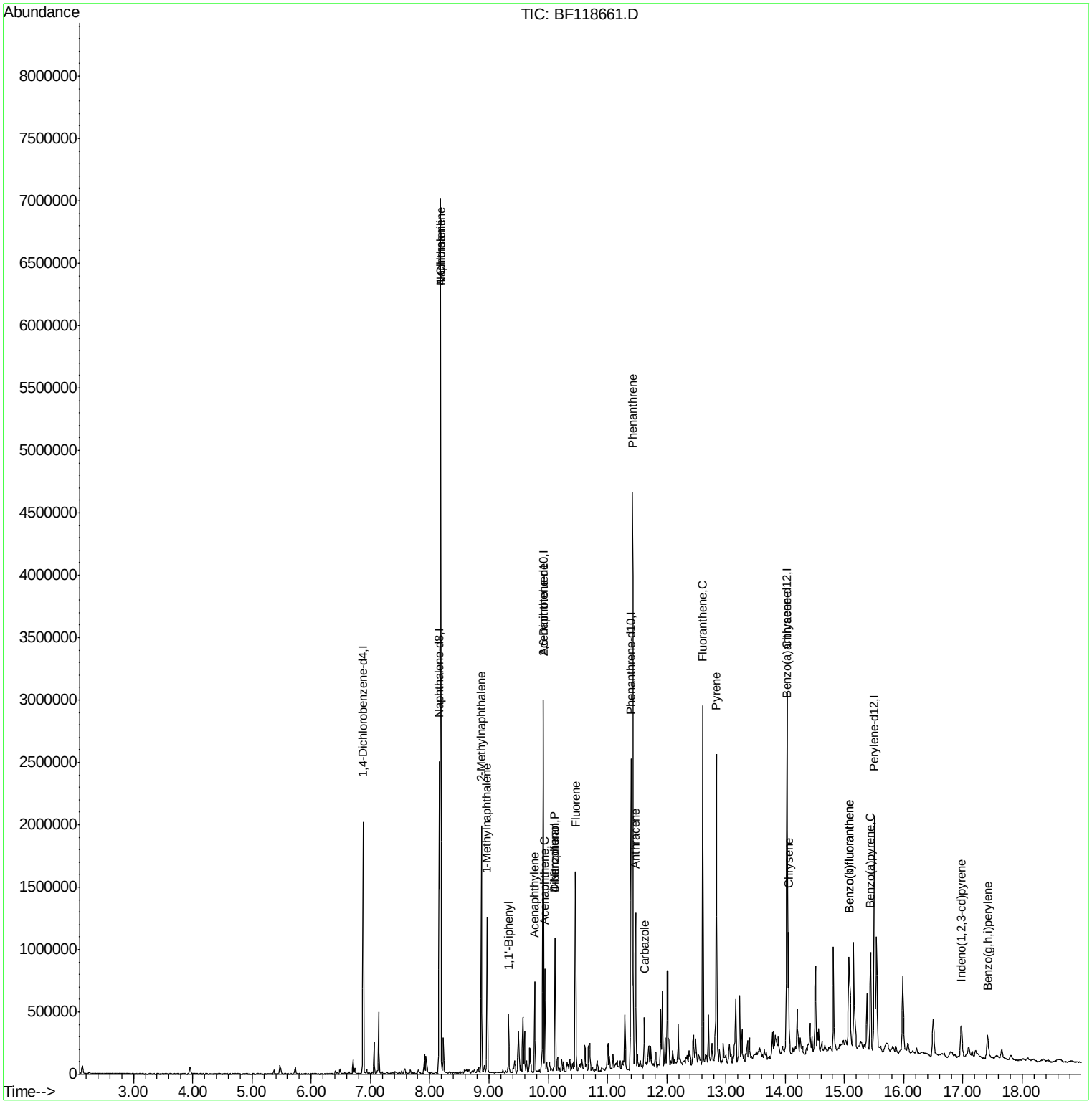
(#) = qualifier out of range (m) = manual integration (+) = signals summed

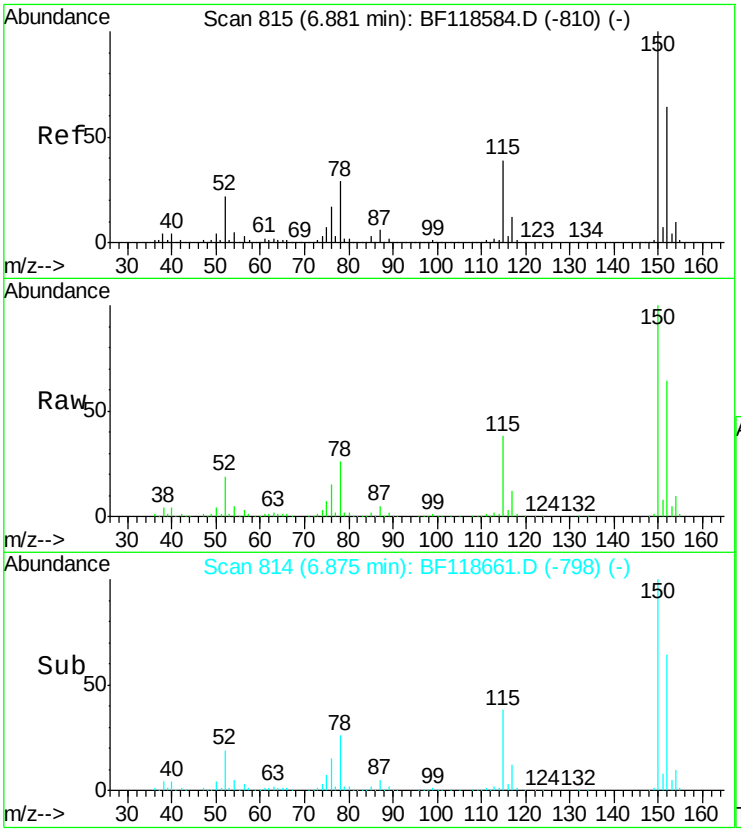
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118661.D
Acq On : 22 Jan 2020 12:05
Operator : CG/JU
Sample : L1148-17DL 400X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 22 13:10:45 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



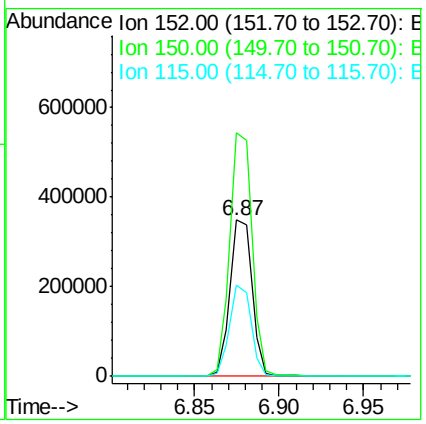


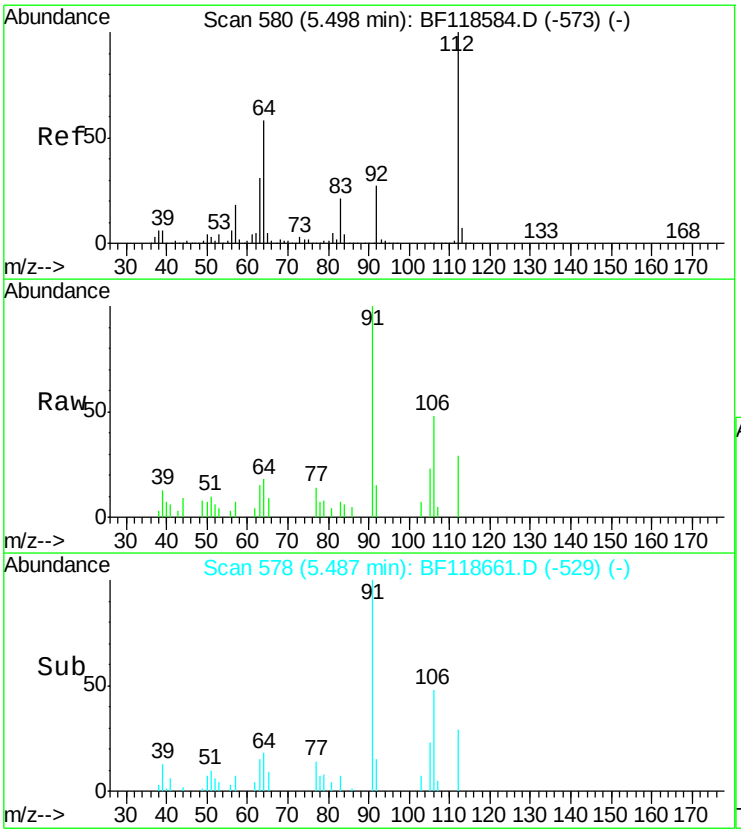
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 319529

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.6	188.4
115	58.7	48.4	72.6

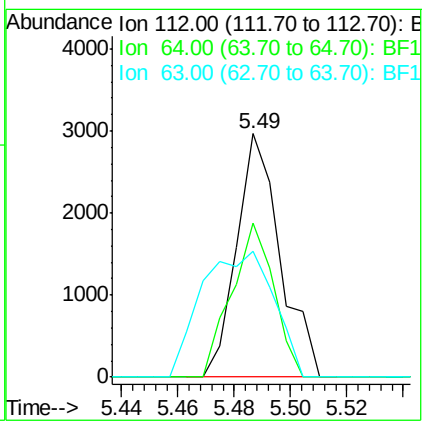


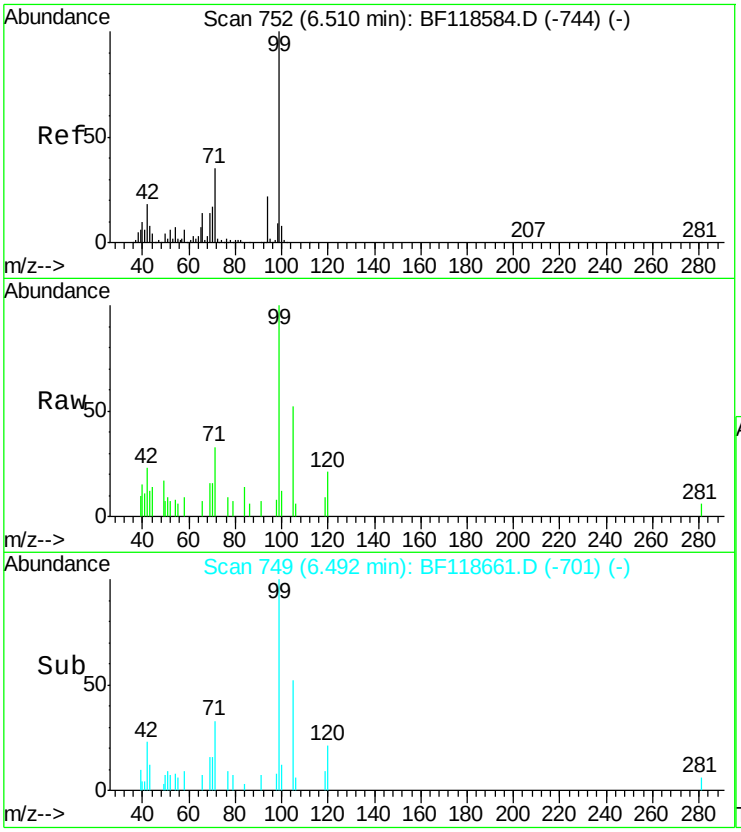


#5
2-Fluorophenol
Concen: 0.184 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:112 Resp: 3163

Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.6	70.0
63	51.8	25.1	37.7#



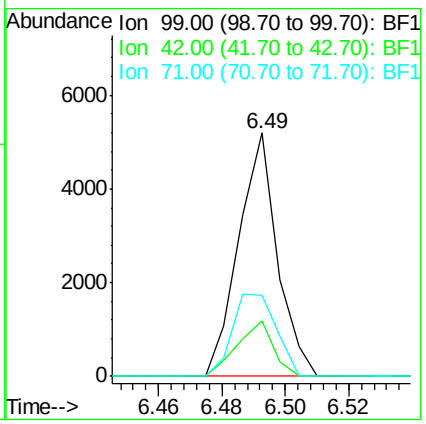


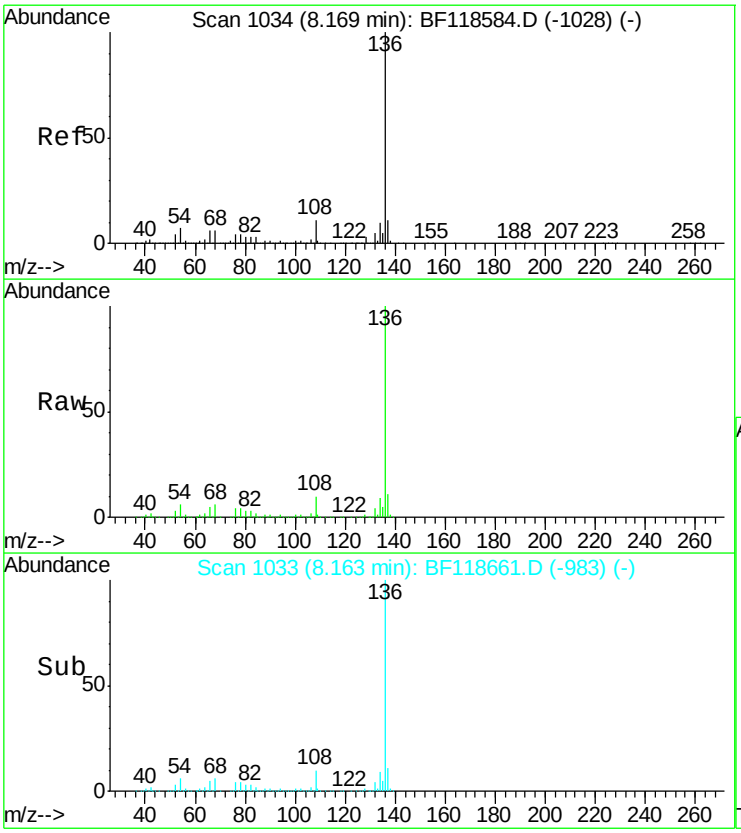
#7
Phenol-d6
Concen: 0.196 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 4384

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.2	21.2#
71	33.1	27.8	41.6

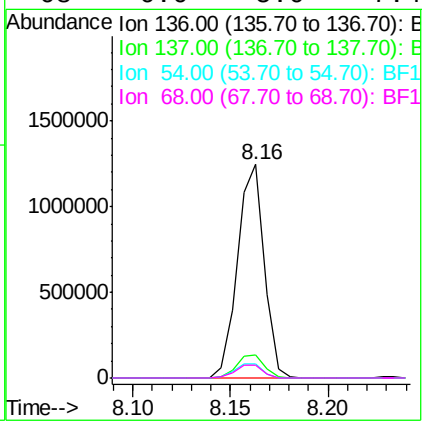


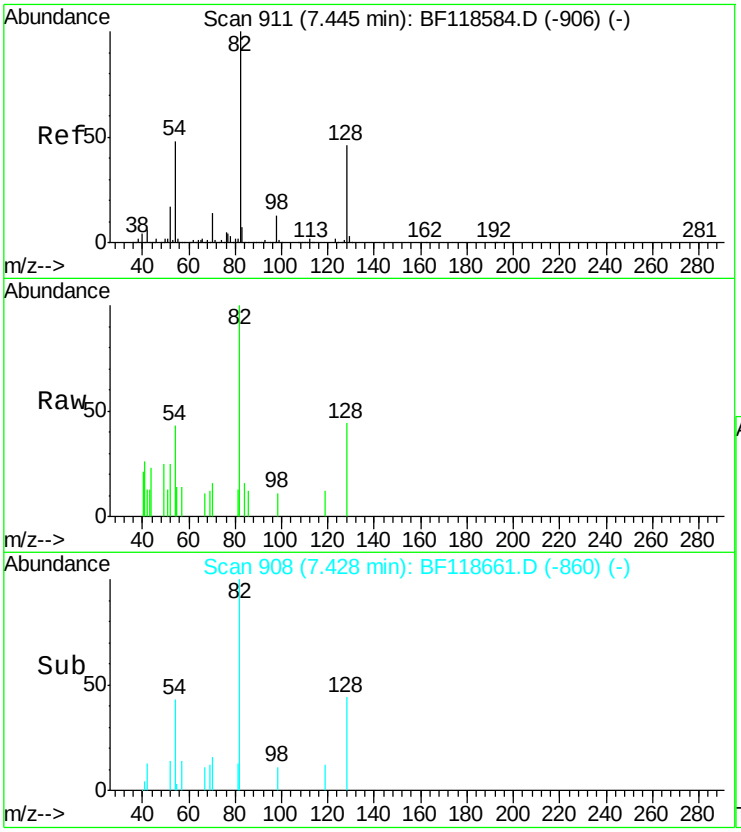


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:136 Resp: 1179502

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.5	5.8	8.6
68	6.0	5.0	7.4



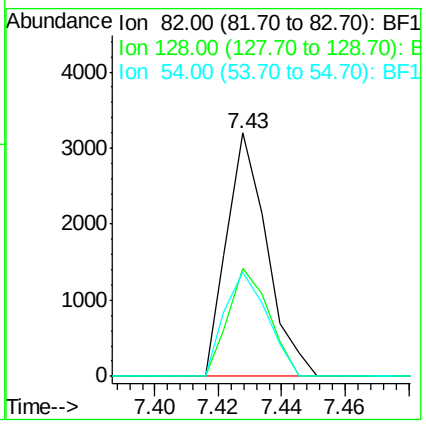


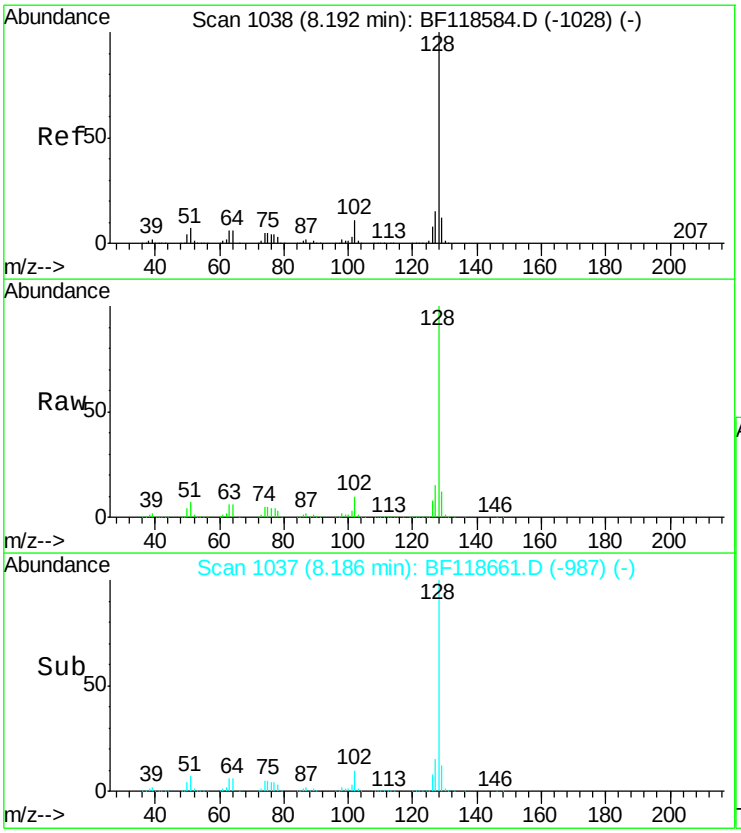
#23
Nitrobenzene-d5
Concen: 0.133 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 2801

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.6	54.8
54	42.7	38.0	57.0

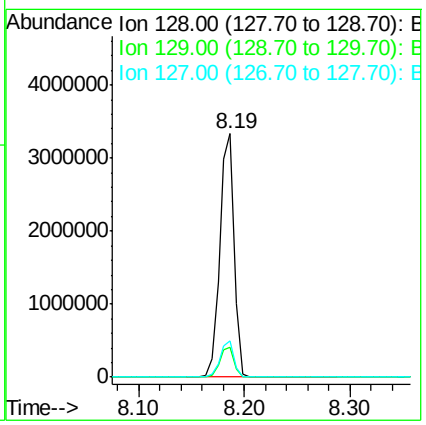


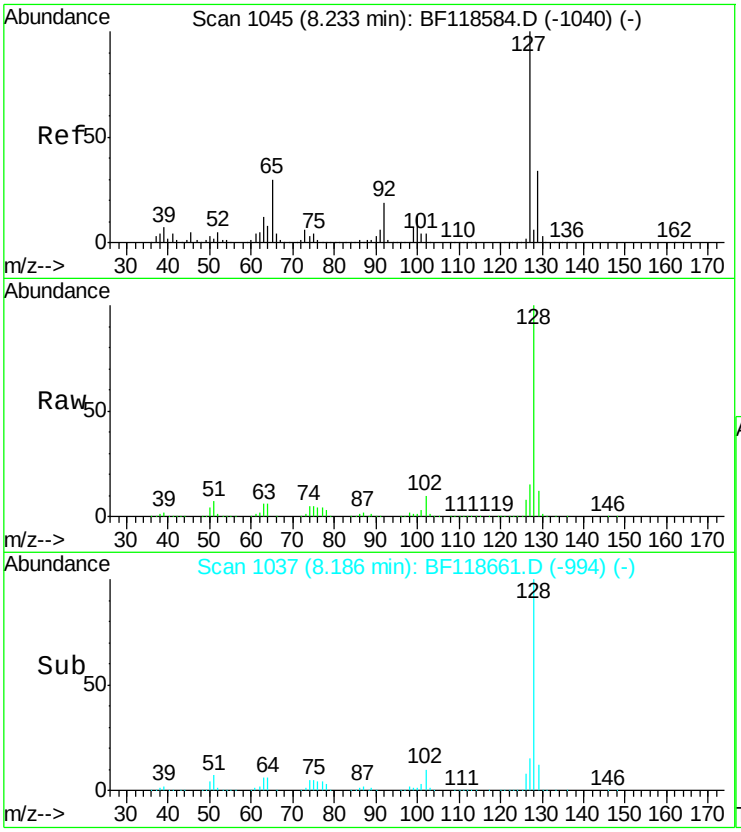


#31
Naphthalene
Concen: 59.825 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:128 Resp: 3187617

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.9	14.9
127	14.9	12.0	18.0



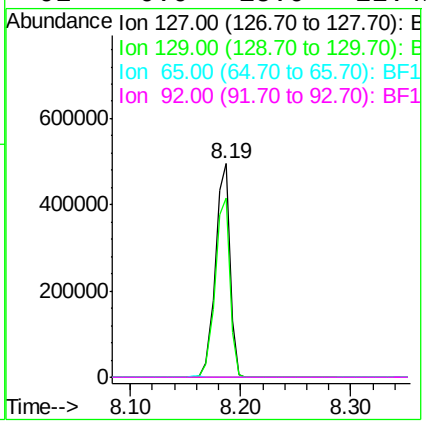


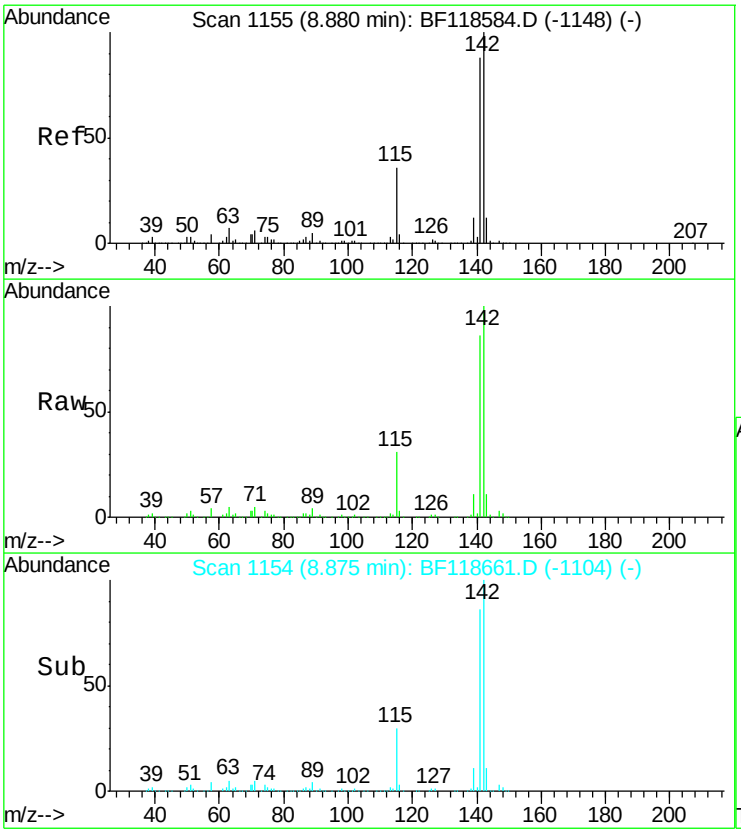
#33
4-Chloroaniline
Concen: 18.536 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 456495

Ion	Ratio	Lower	Upper
127	100		
129	83.9	27.4	41.0#
65	0.0	23.6	35.4#
92	0.0	15.0	22.4#

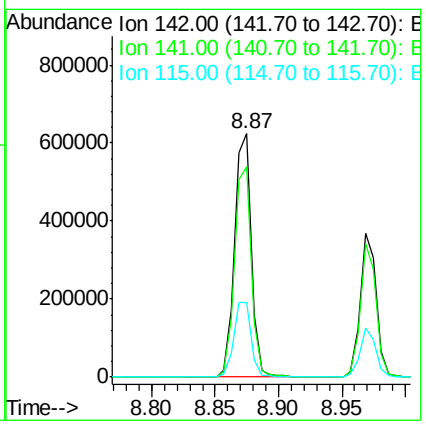


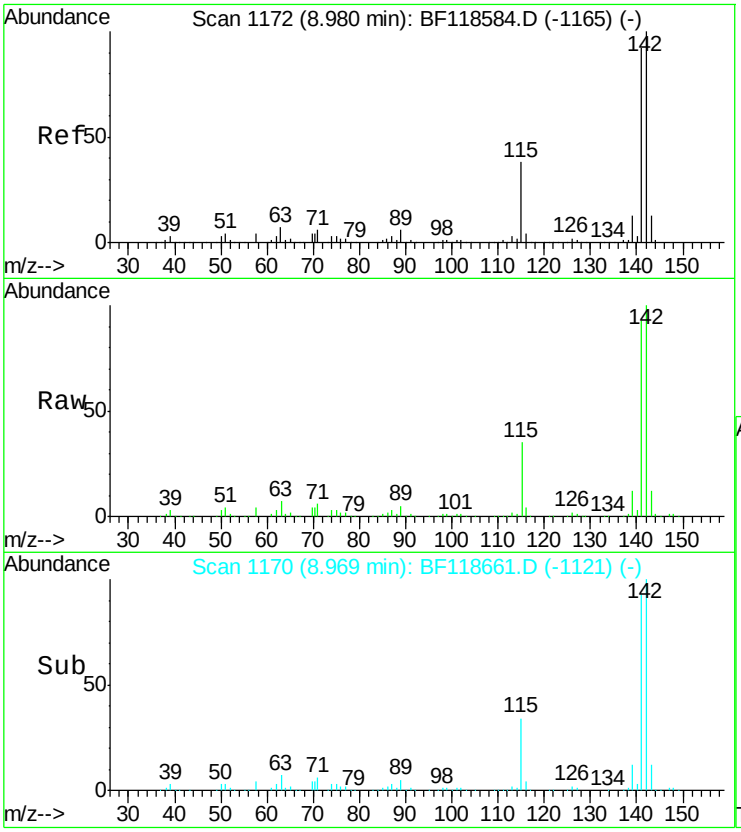


#37
2-Methylnaphthalene
Concen: 14.950 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:142 Resp: 562269

Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.7	106.1
115	30.5	28.5	42.7



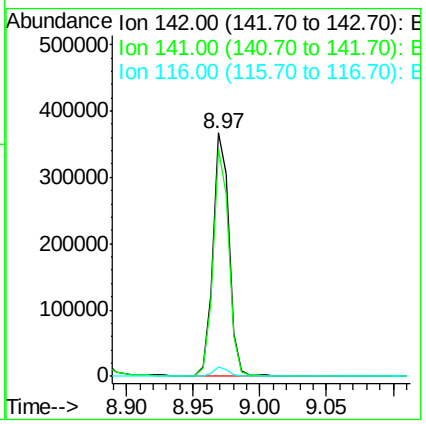


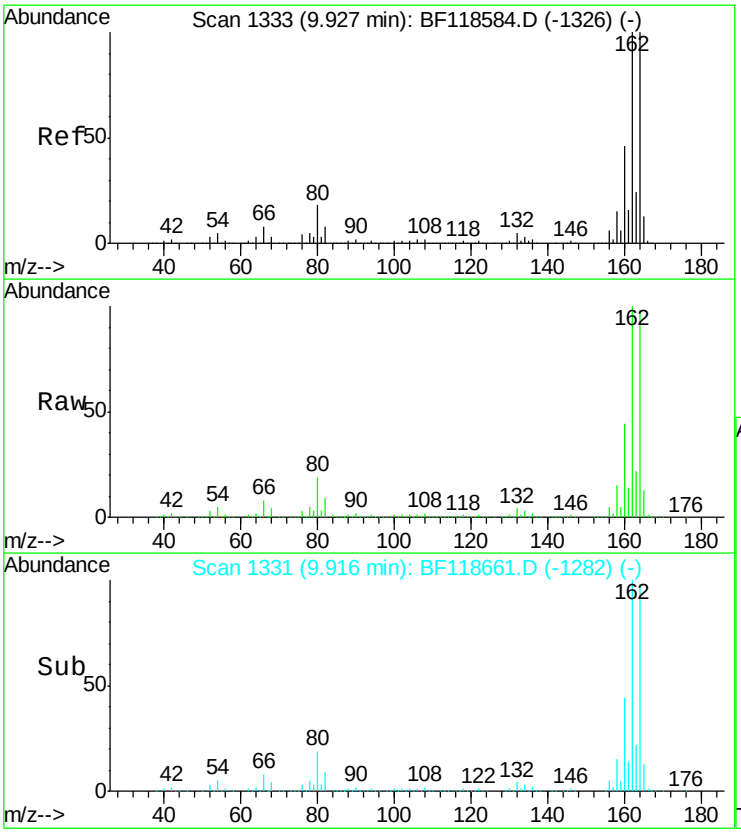
#38
1-Methylnaphthalene
Concen: 8.801 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 314469

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.4	110.2
116	3.7	3.3	4.9

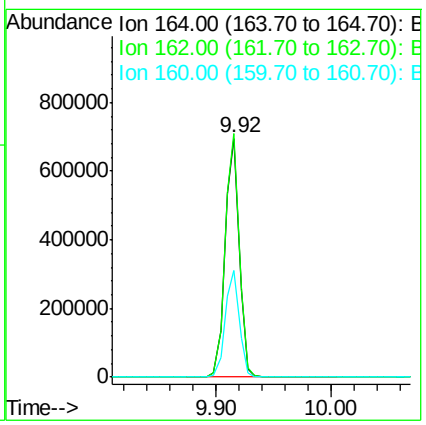


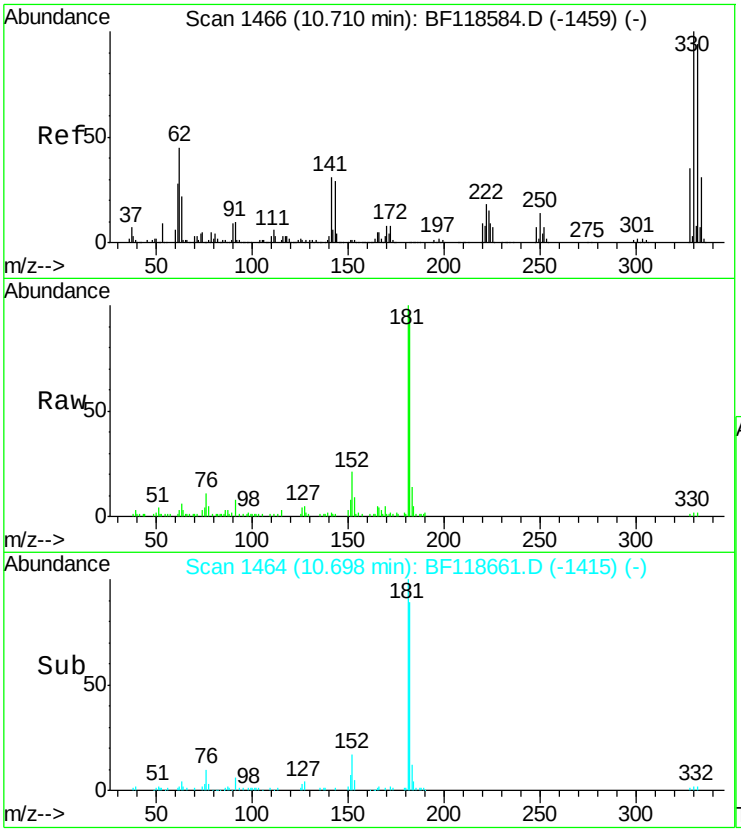


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:164 Resp: 588957

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.4	120.6
160	44.4	36.6	55.0



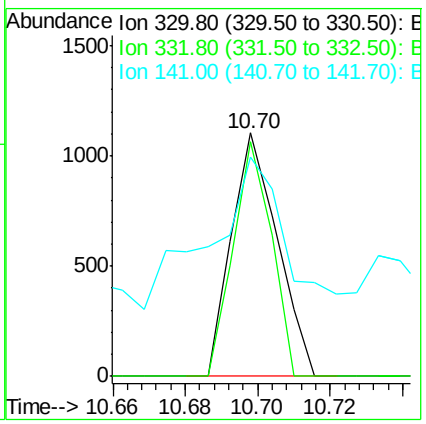


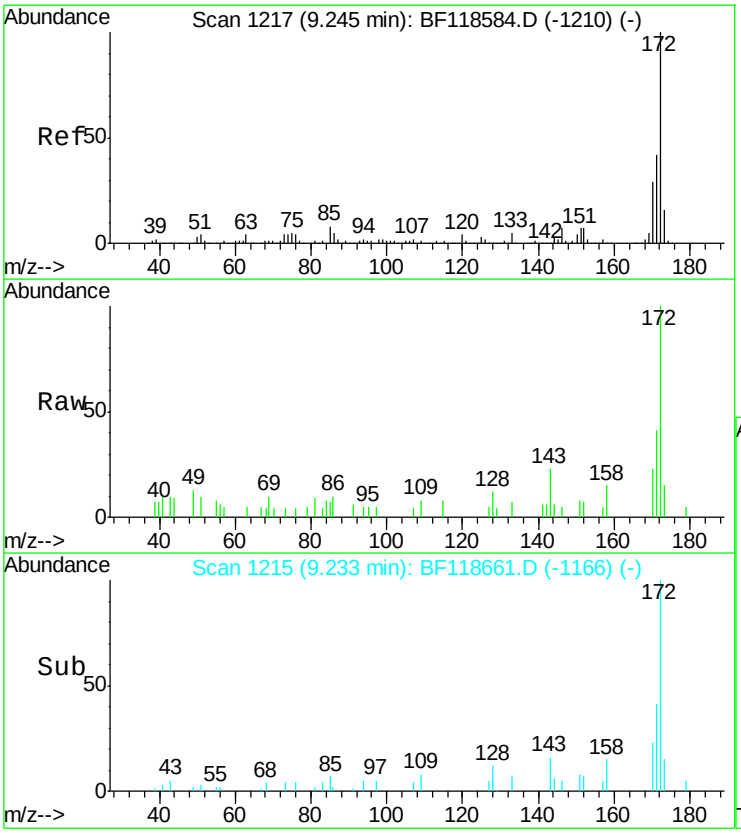
#42
2,4,6-Tribromophenol
Concen: 0.142 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 969

Ion	Ratio	Lower	Upper
330	100		
332	80.2	76.2	114.4
141	98.1	23.9	35.9#

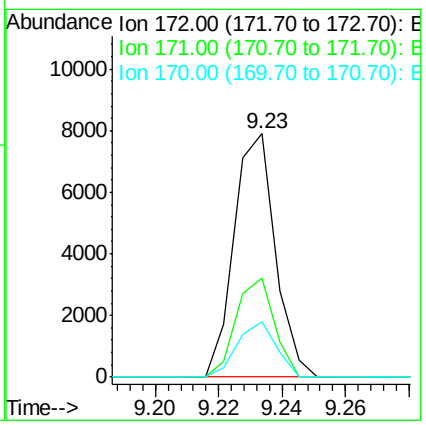


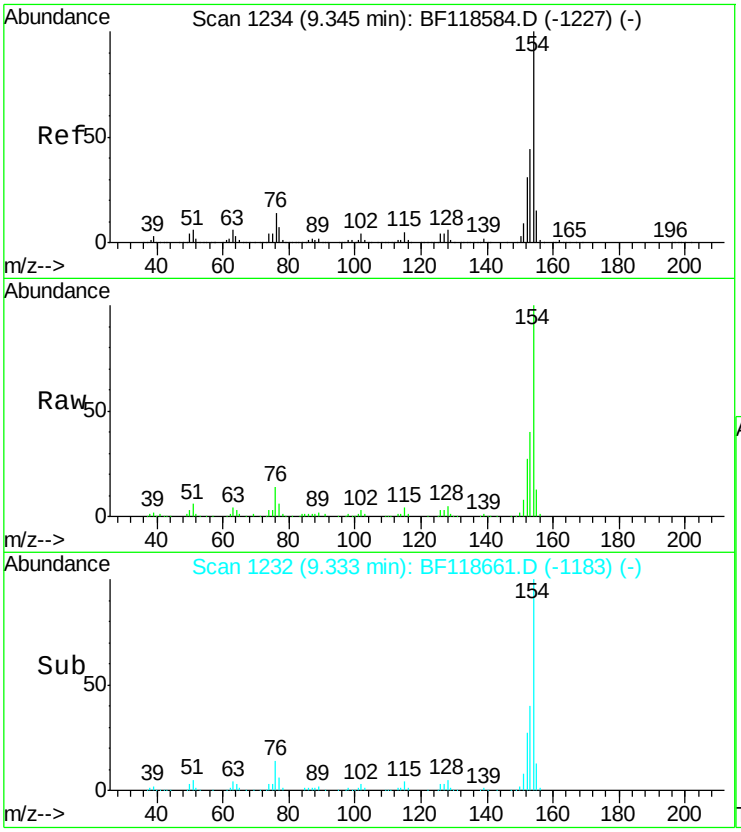


#45
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:172 Resp: 7089

Ion	Ratio	Lower	Upper
172	100		
171	40.6	33.4	50.2
170	22.9	23.2	34.8#



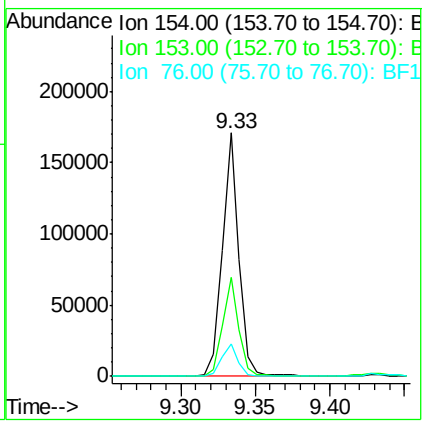


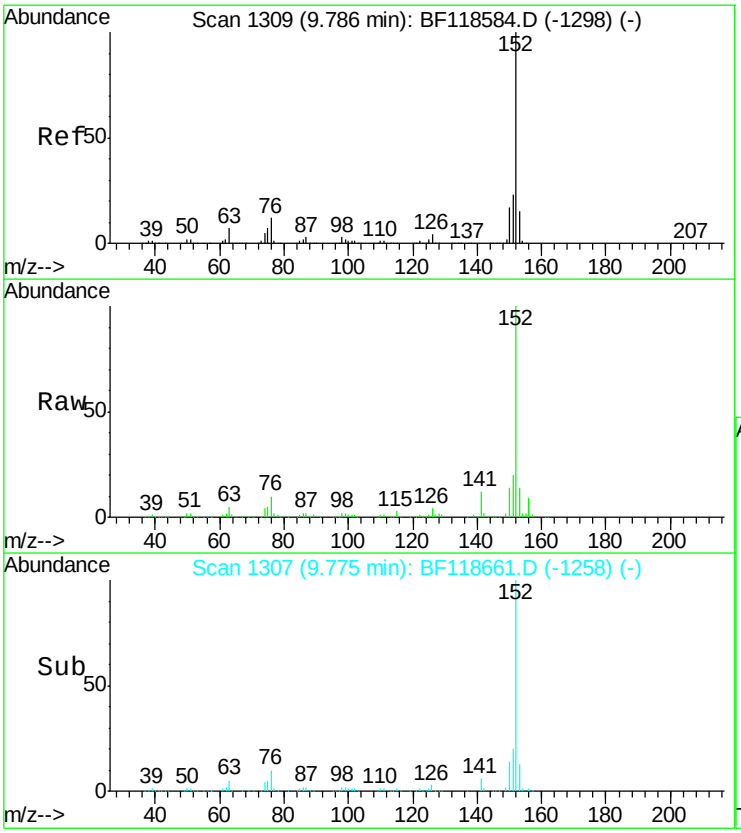
#46
1,1'-Biphenyl
Concen: 3.321 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 134788

Ion	Ratio	Lower	Upper
154	100		
153	40.4	23.8	63.8
76	13.5	0.0	34.3

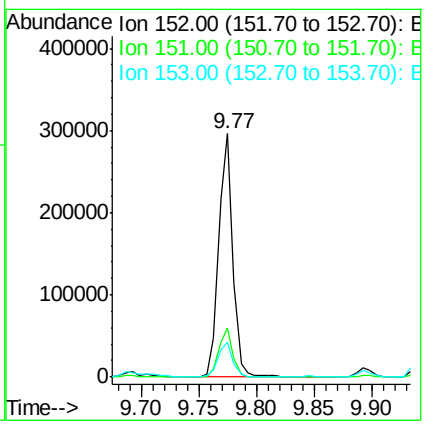


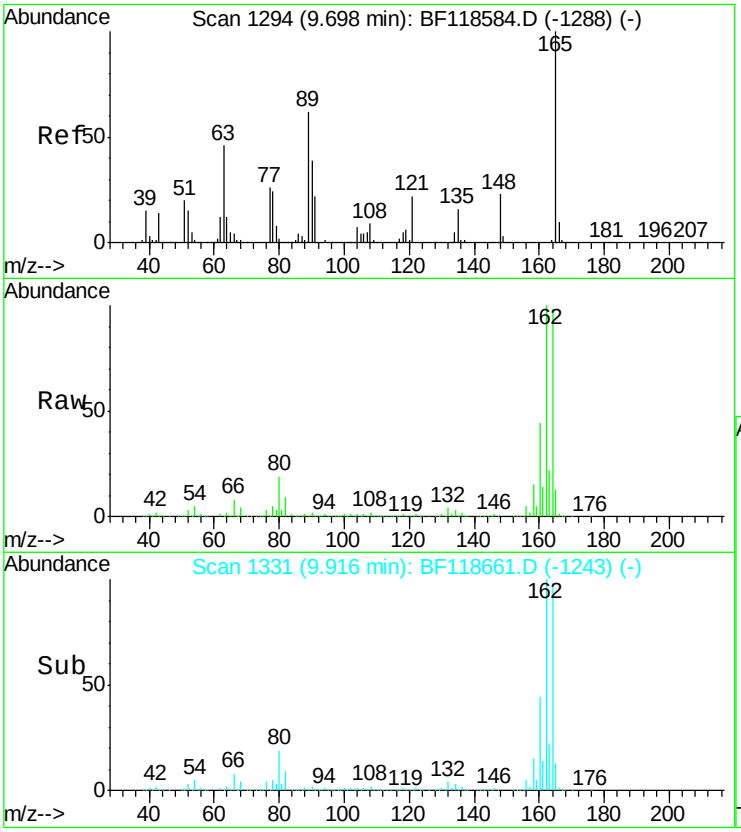


#49
Acenaphthylene
Concen: 5.248 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:152 Resp: 252609

Ion	Ratio	Lower	Upper
152	100		
151	19.9	18.6	27.8
153	14.1	12.2	18.4



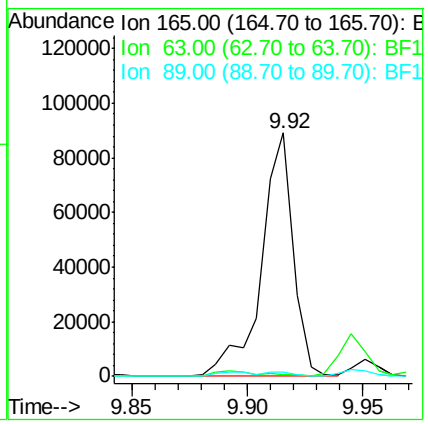


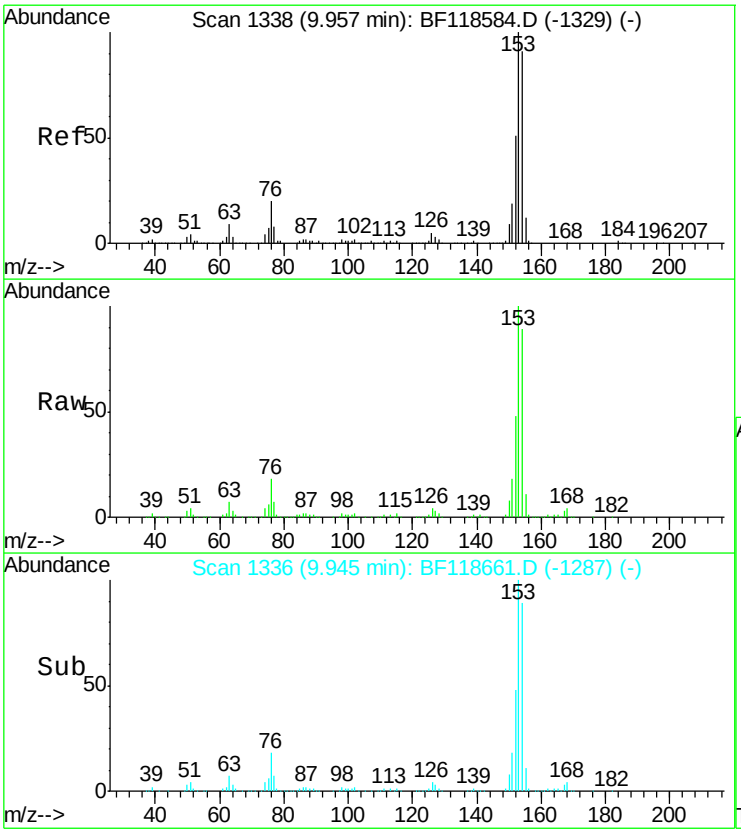
#51
2,6-Dinitrotoluene
Concen: 10.038 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 86247

Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.9	73.3#
89	1.7	49.8	74.6#

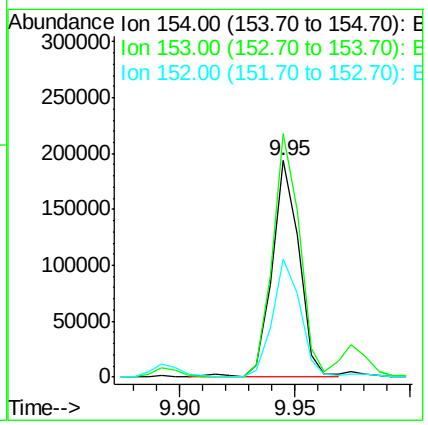


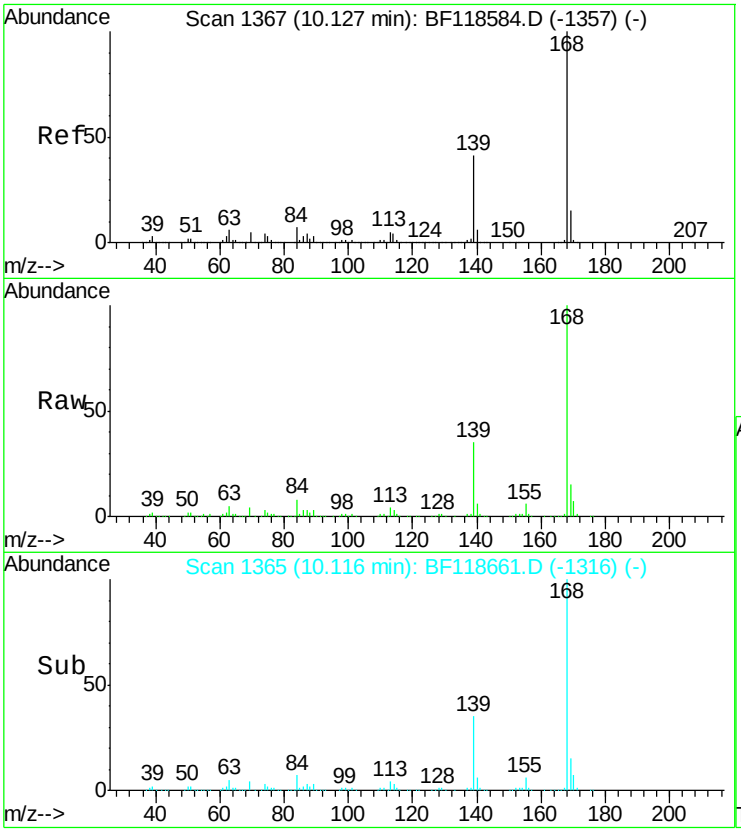


#52
Acenaphthene
Concen: 4.789 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:154 Resp: 154132

Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.6	131.4
152	54.5	44.4	66.6



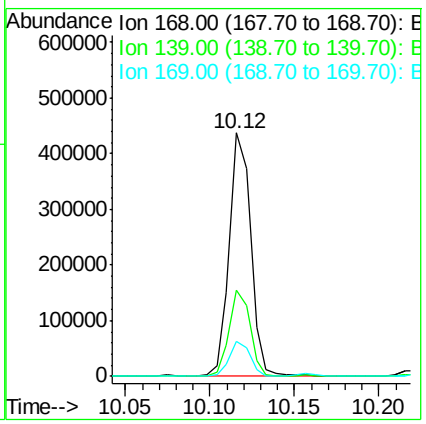


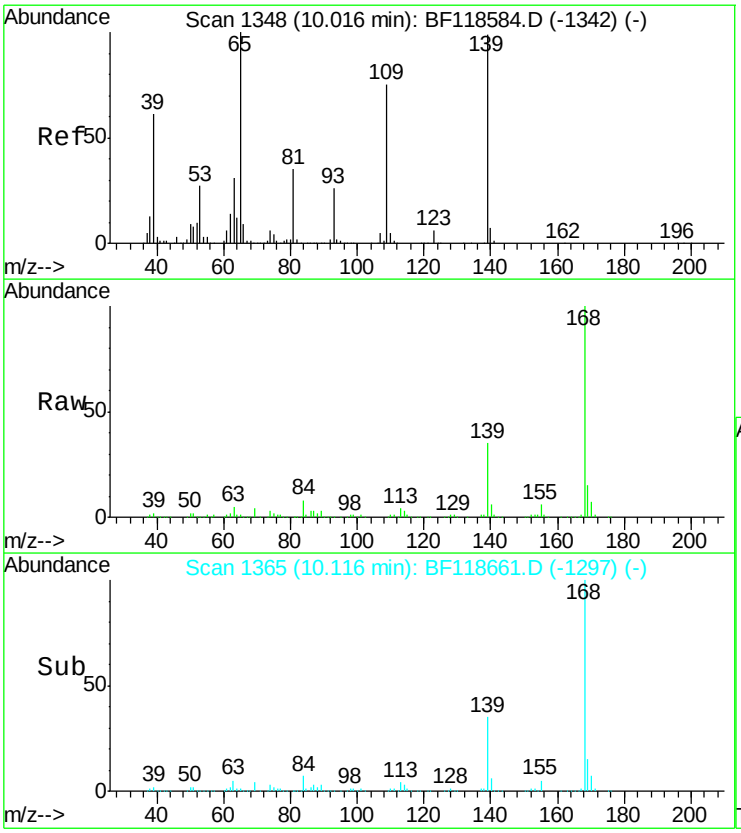
#55
Dibenzofuran
Concen: 8.609 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 383963

Ion	Ratio	Lower	Upper
168	100		
139	35.5	32.7	49.1
169	14.6	12.2	18.2

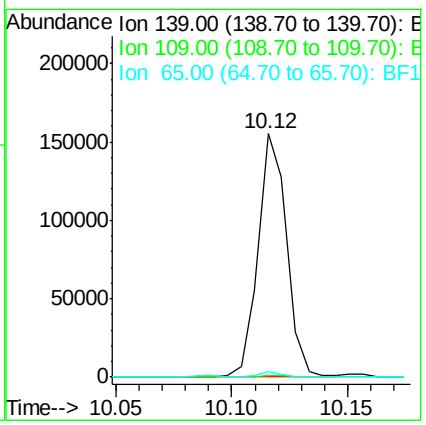


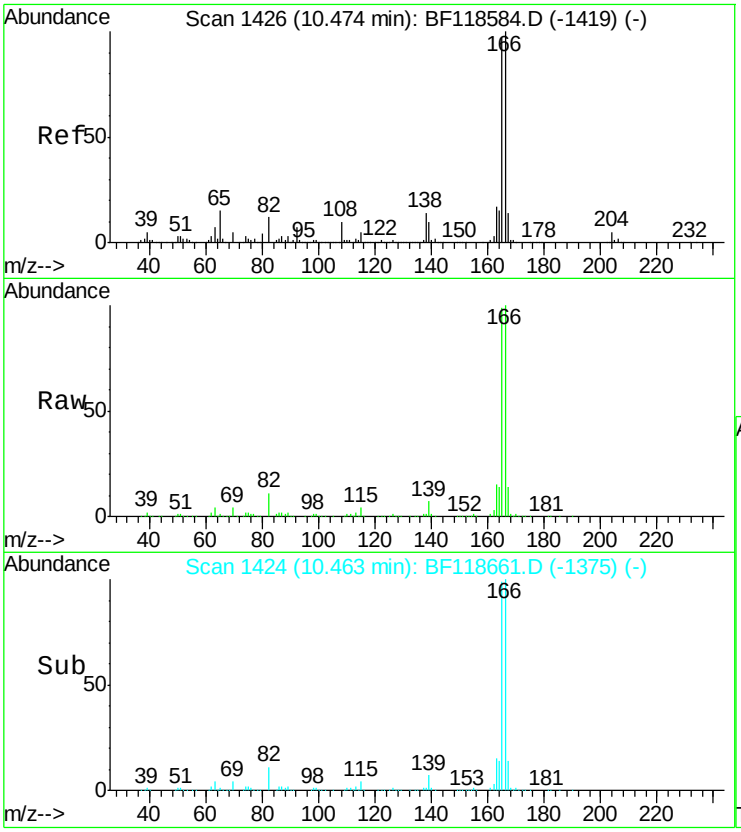


#56
4-Nitrophenol
Concen: 18.131 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.10 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:139 Resp: 134292

Ion	Ratio	Lower	Upper
139	100		
109	0.9	56.0	96.0#
65	2.1	81.4	121.4#



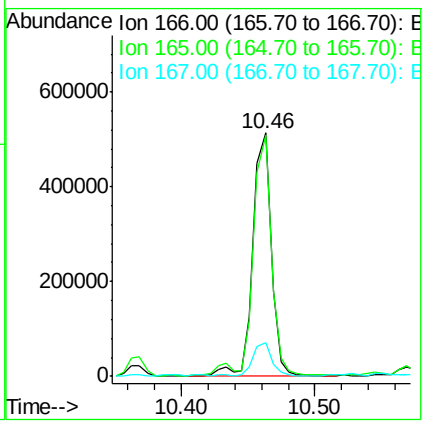


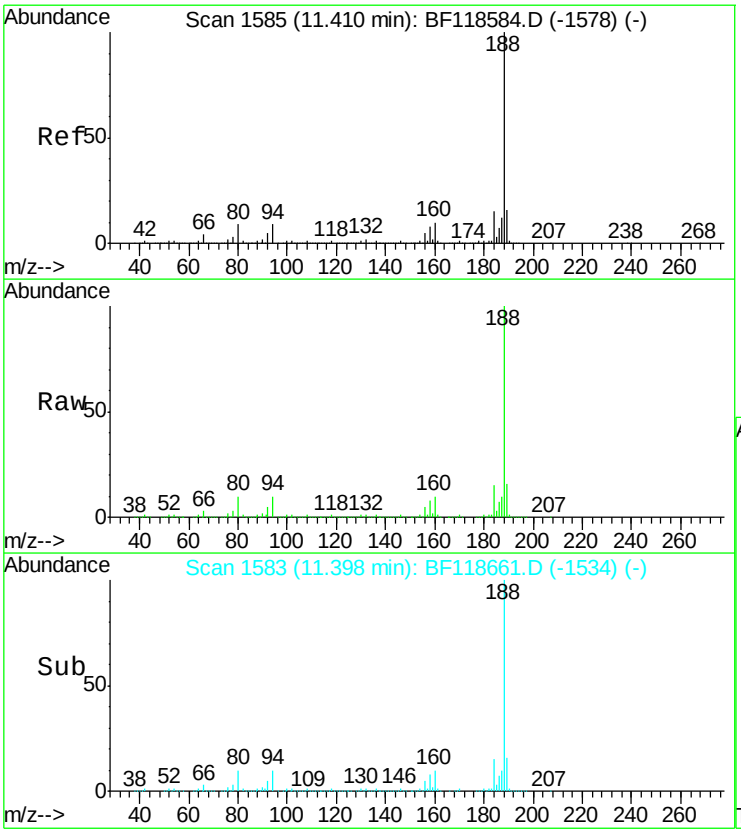
#58
Fluorene
Concen: 13.920 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 487380

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.3	115.9
167	13.7	11.5	17.3

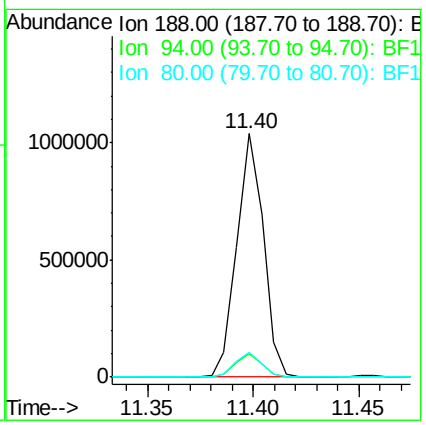


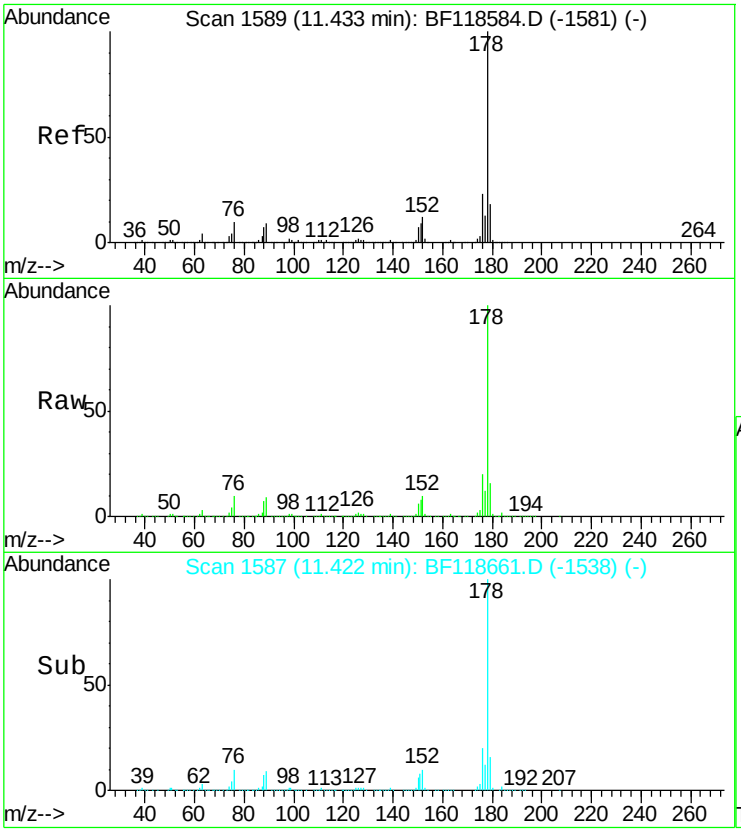


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:188 Resp: 907994

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.3	7.5	11.3



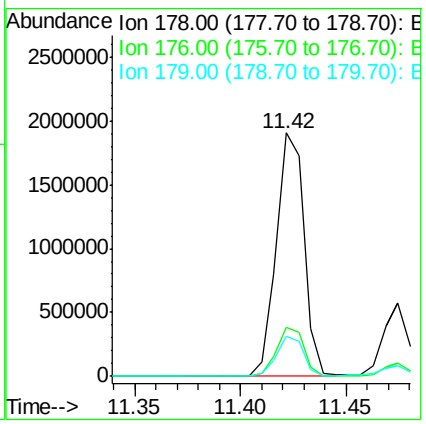


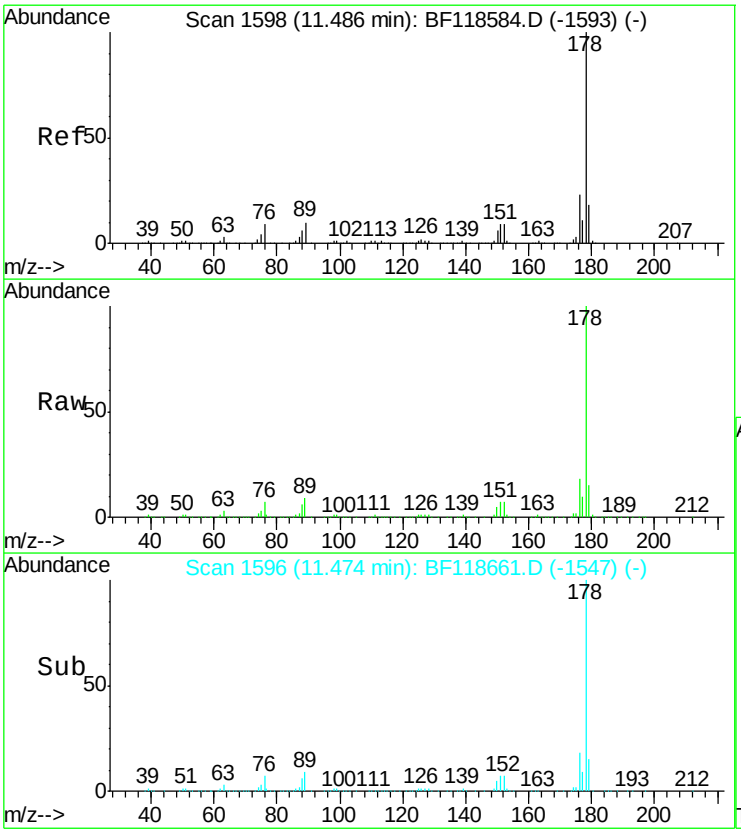
#71
Phenanthrene
Concen: 39.935 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1749359

Ion	Ratio	Lower	Upper
178	100		
176	20.2	18.6	27.8
179	16.3	14.7	22.1

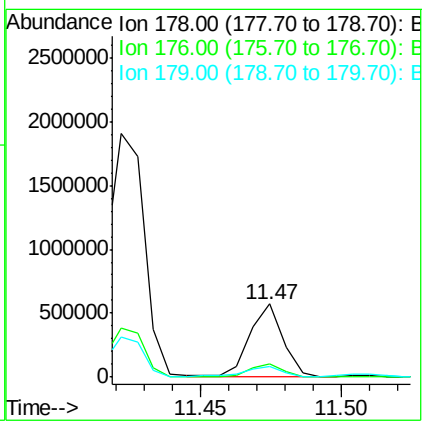


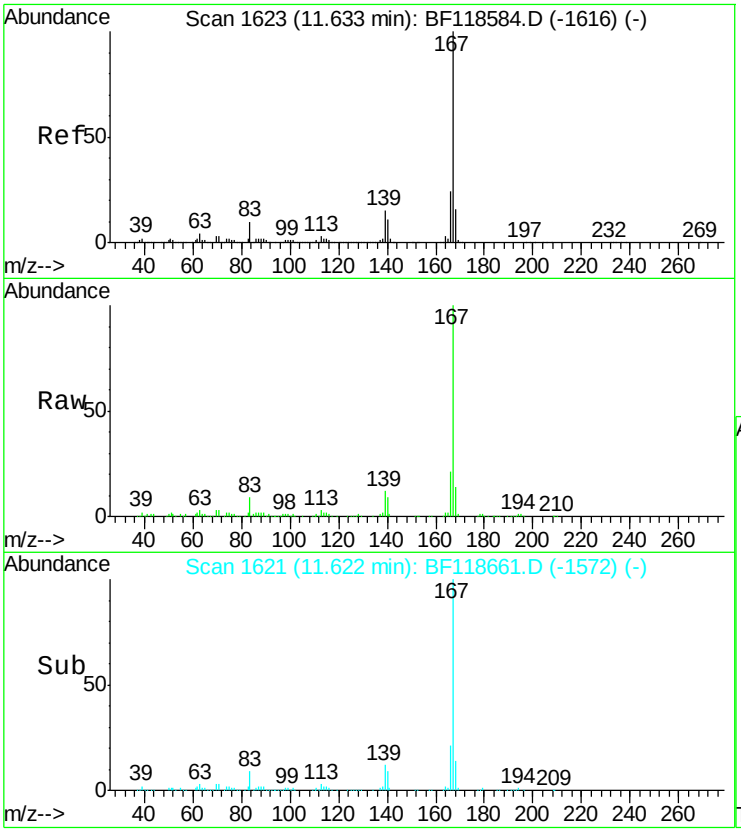


#72
Anthracene
Concen: 10.613 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:178 Resp: 460029

Ion	Ratio	Lower	Upper
178	100		
176	18.4	18.0	27.0
179	15.1	14.7	22.1



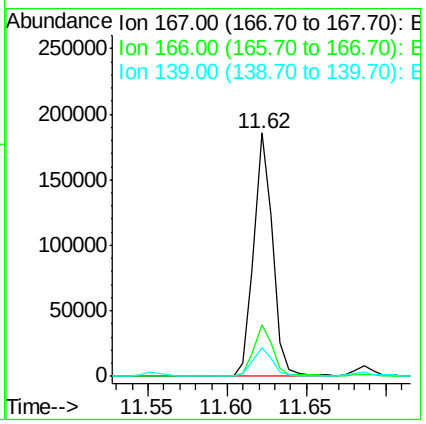


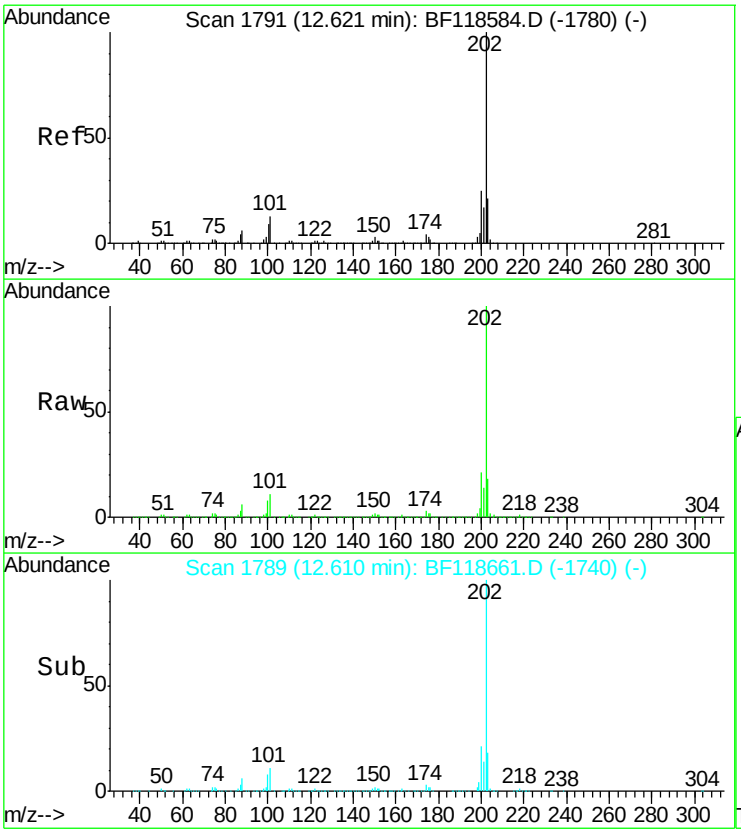
#73
Carbazole
Concen: 3.886 ng
RT: 11.62 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 154512

Ion	Ratio	Lower	Upper
167	100		
166	21.1	19.4	29.2
139	11.9	11.7	17.5

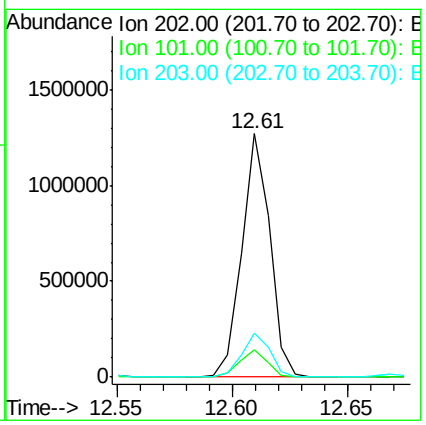


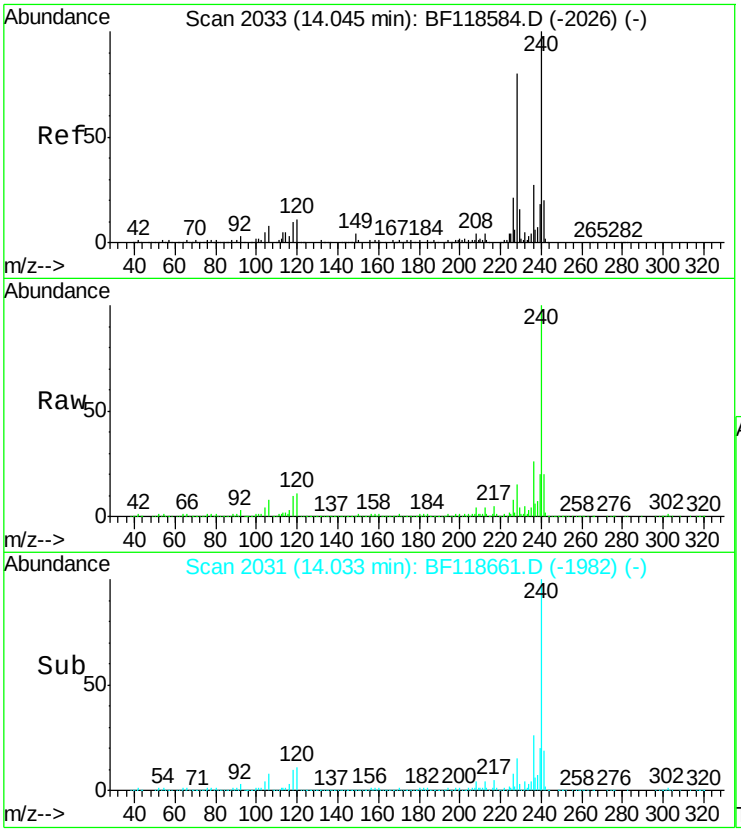


#75
Fluoranthene
Concen: 23.304 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:202 Resp: 1076709

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.5
203	18.3	0.8	40.8



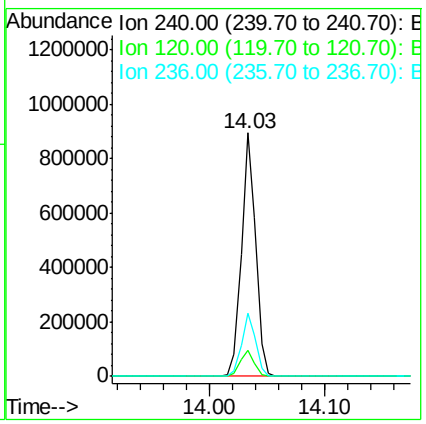


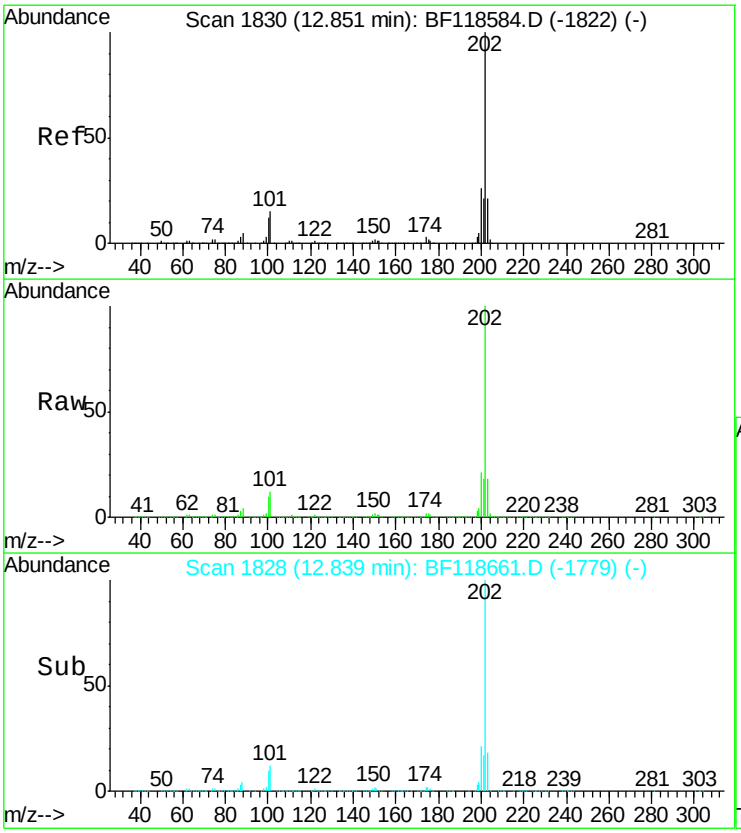
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 763286

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.7	21.5	32.3

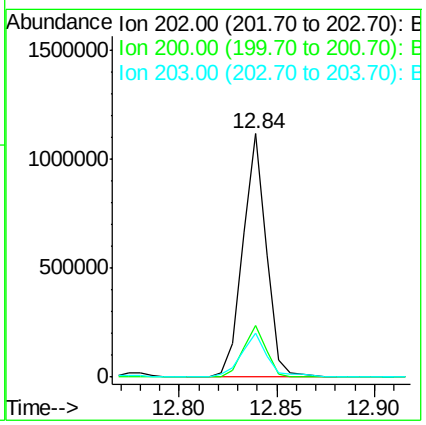


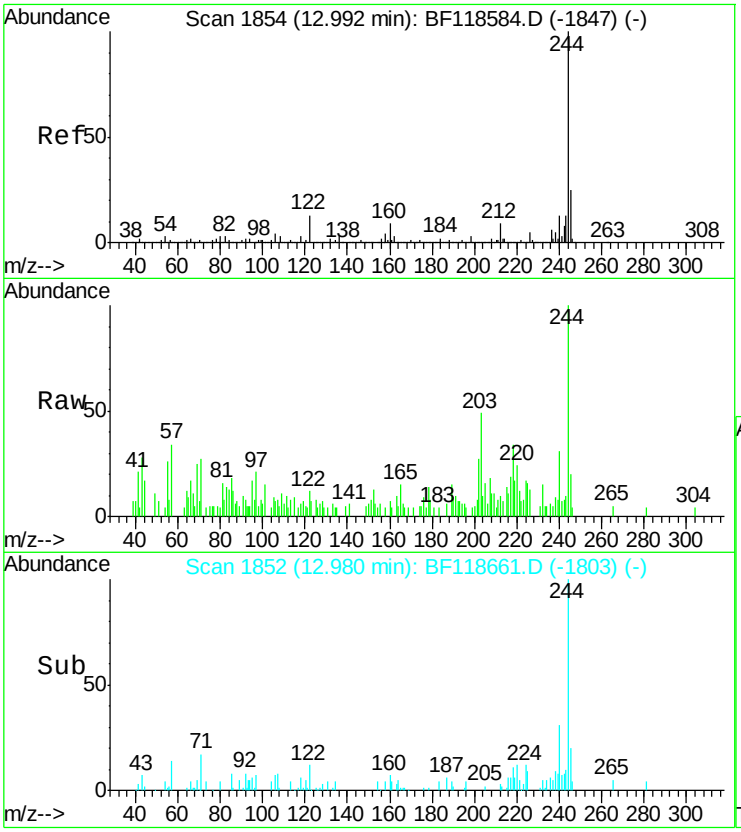


#78
Pyrene
Concen: 17.873 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:202 Resp: 926161

Ion	Ratio	Lower	Upper
202	100		
200	21.2	20.6	31.0
203	18.3	16.8	25.2



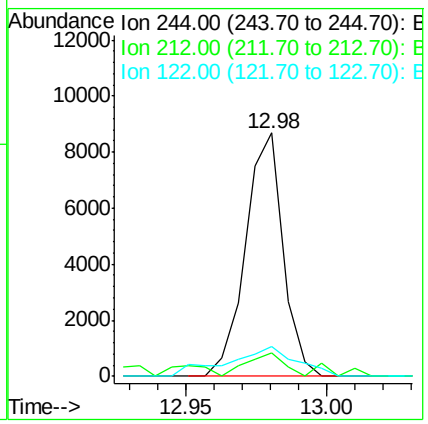


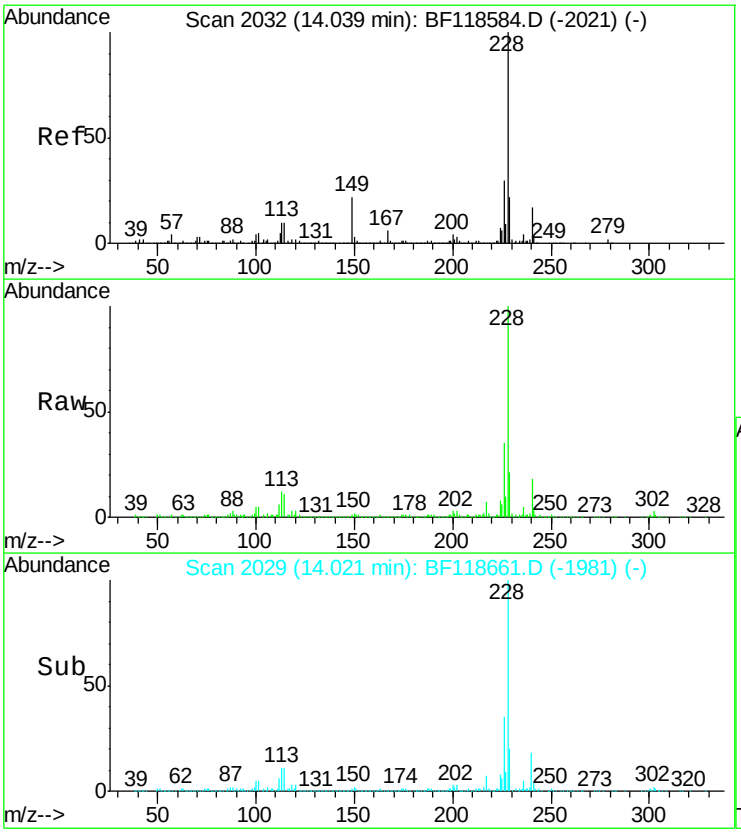
#79
Terphenyl-d14
Concen: 0.228 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 7978

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.0	10.4
122	12.3	10.7	16.1

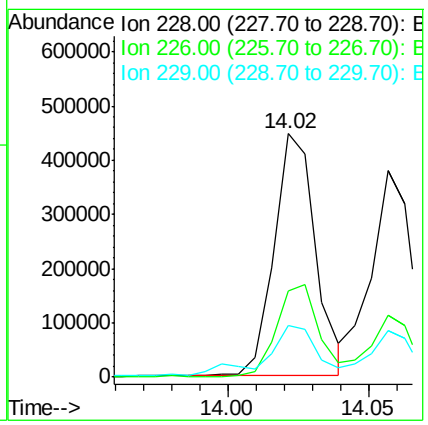


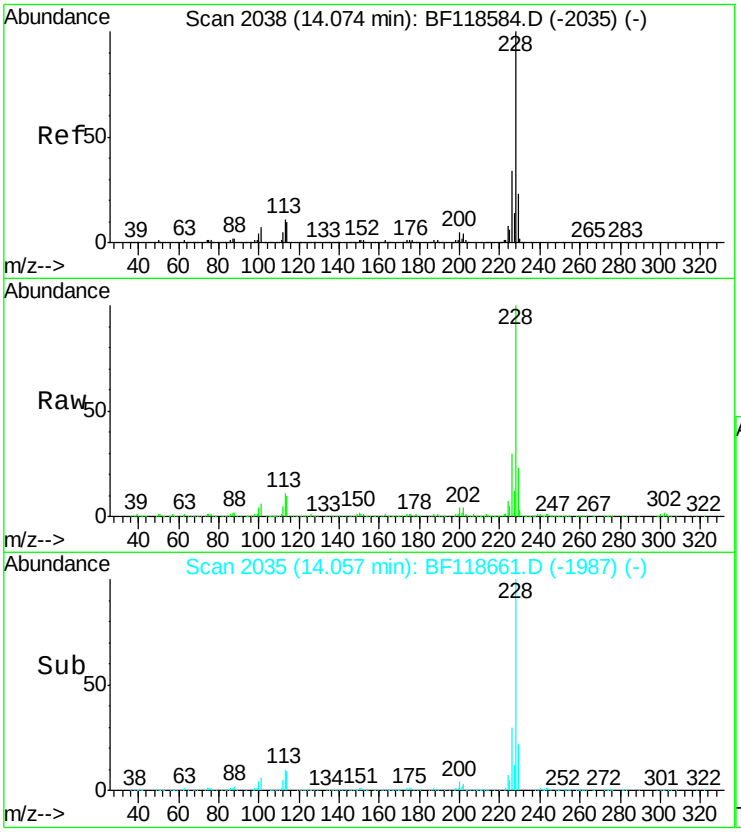


#81
Benzo(a)anthracene
Concen: 9.927 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:228 Resp: 455817

Ion	Ratio	Lower	Upper
228	100		
226	35.5	24.1	36.1
229	21.0	17.6	26.4



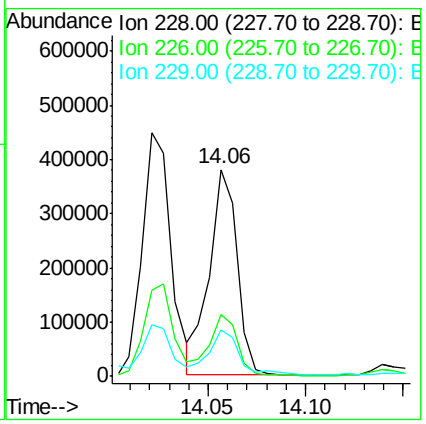


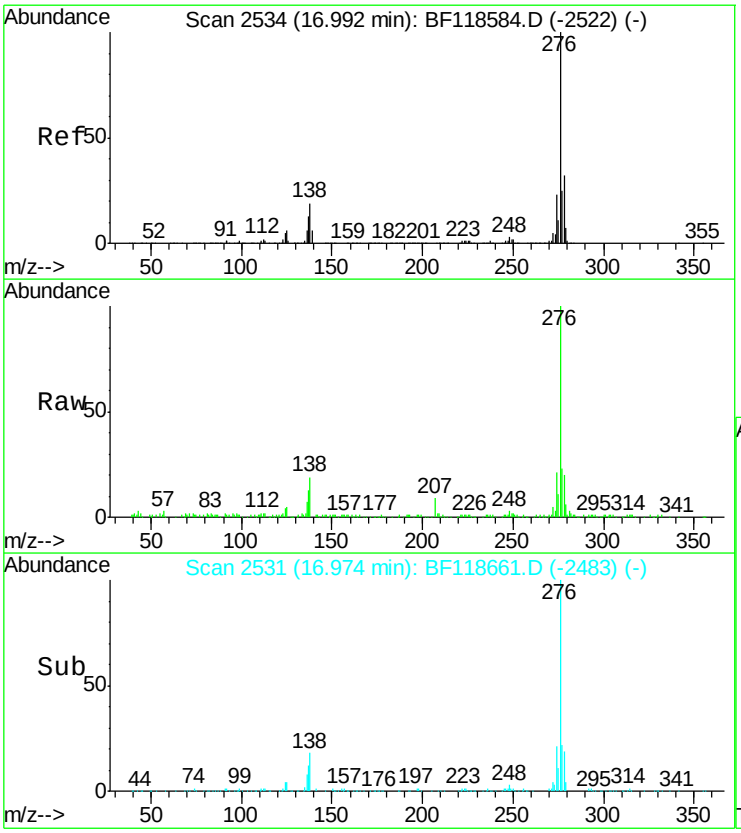
#83
Chrysene
Concen: 8.544 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 375988

Ion	Ratio	Lower	Upper
228	100		
226	30.2	27.4	41.0
229	22.8	18.3	27.5

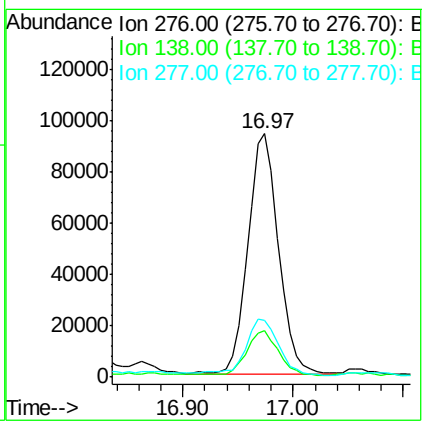


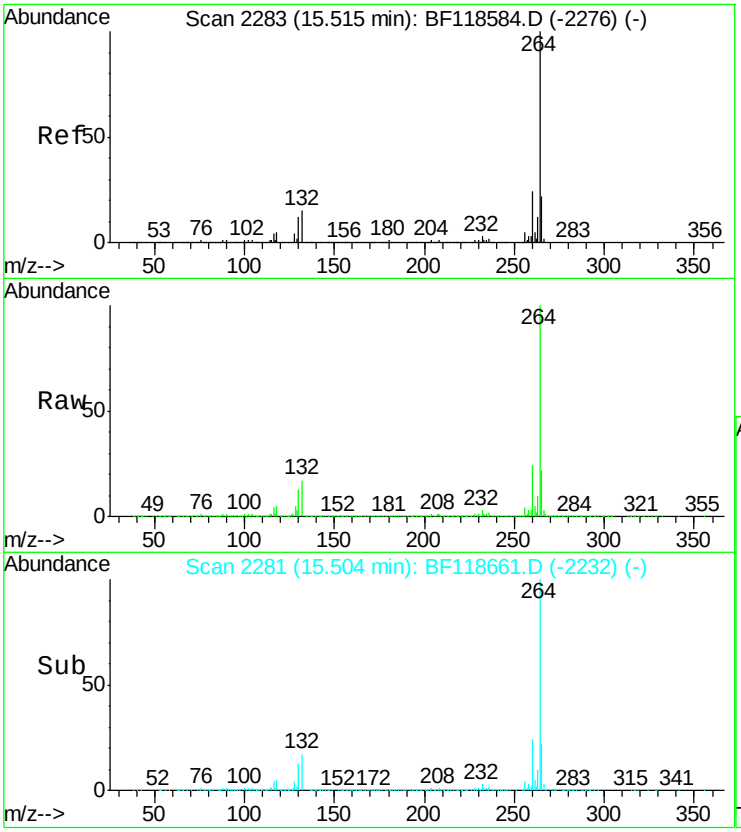


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.776 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:276 Resp: 182631

Ion	Ratio	Lower	Upper
276	100		
138	19.4	17.2	25.8
277	25.4	20.5	30.7



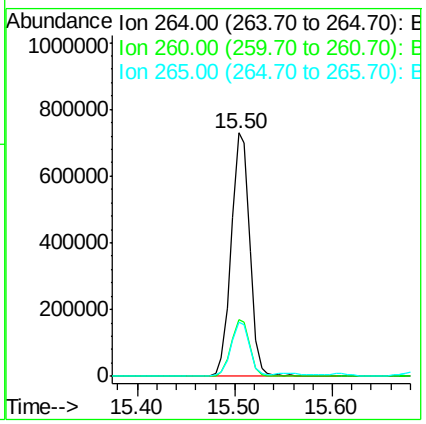


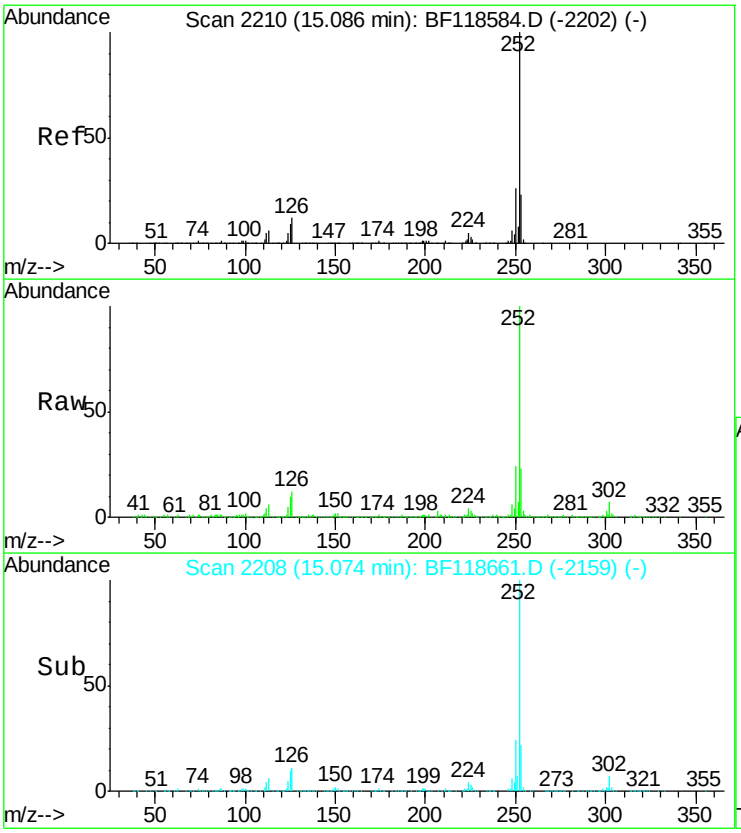
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 957571

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.0	17.7	26.5

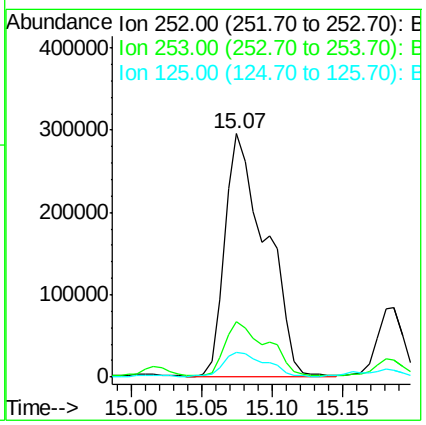


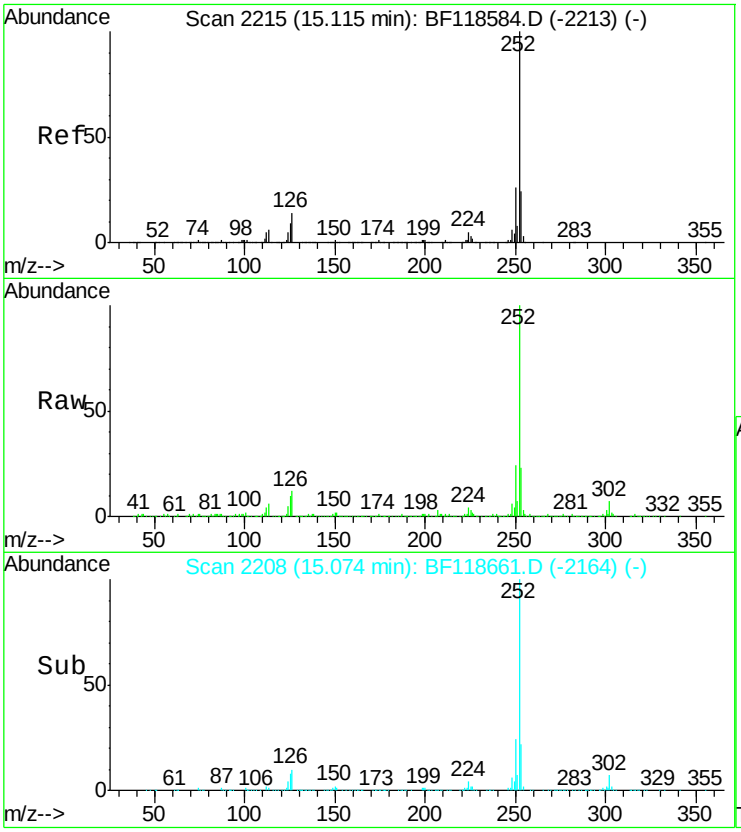


#88
Benzo(b)fluoranthene
Concen: 9.883 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:252 Resp: 594863

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	9.9	7.3	10.9



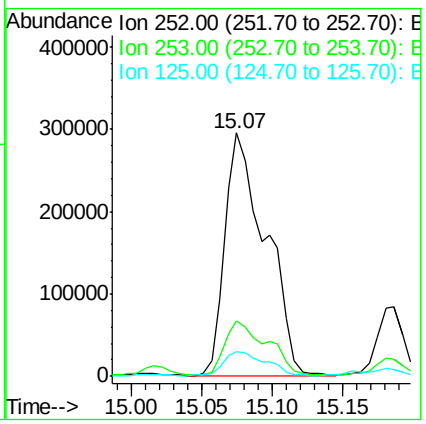


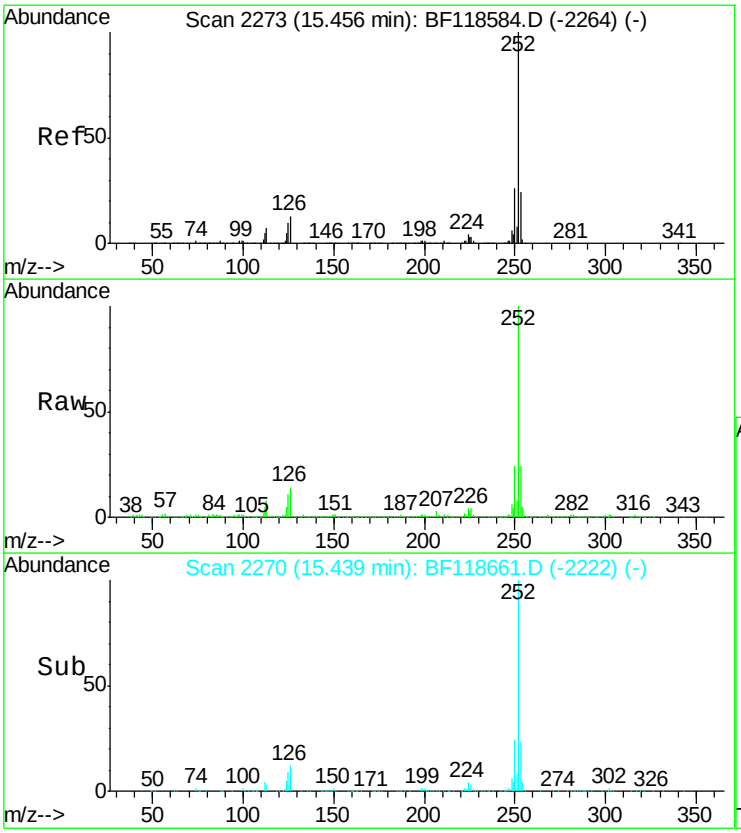
#89
Benzo(k)fluoranthene
Concen: 10.668 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 594863

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	9.9	7.6	11.4

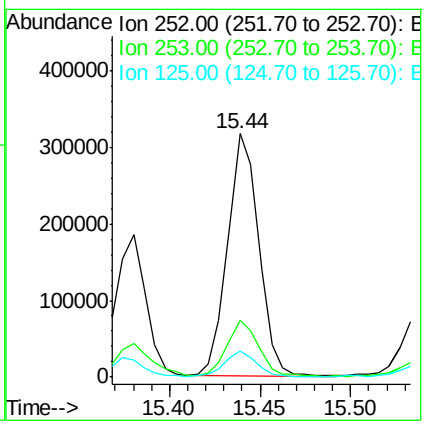


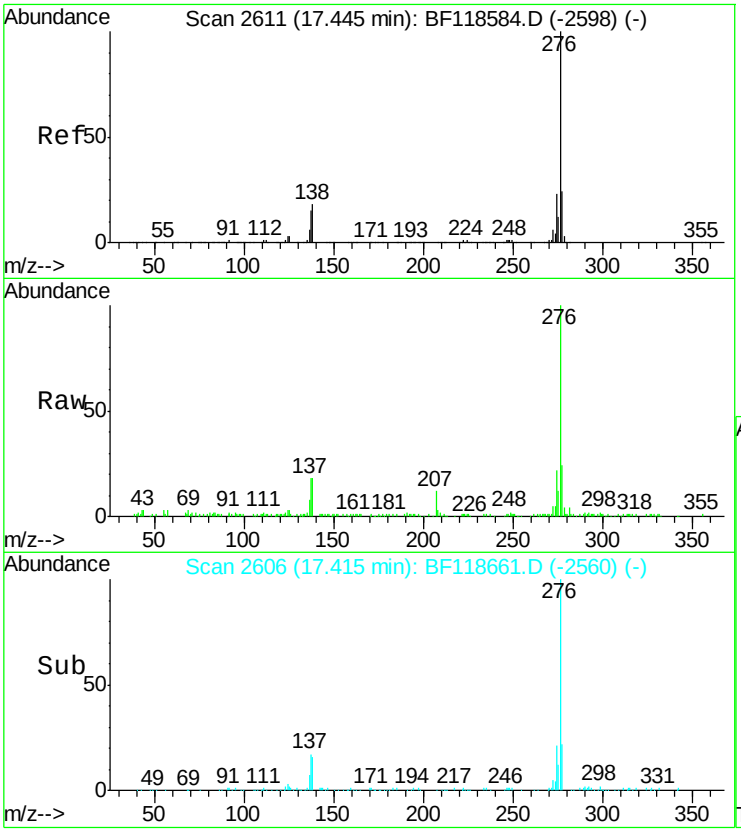


#90
Benzo(a)pyrene
Concen: 7.354 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Tgt Ion:252 Resp: 381834

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	10.6	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 3.600 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.03 min
Lab File: BF118661.D
Acq: 22 Jan 2020 12:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 160540

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	18.3	14.4	21.6