Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120112.D
Acq On : 21 Apr 2020 19:47
Operator : MA/SJ
Sample : L2330-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-9-1

Quant Time: Apr 22 01:49:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	146776	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	531097	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	256123	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	395195	20.00	ng	0.00
76) Chrysene-d12	13.86	240	289601	20.00	ng	0.00
87) Perylene-d12	15.29	264	294444	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	856070	100.80	ng	0.00
7) Phenol-d6	6.34	99	1111040	101.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	693301	67.53	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	221773	70.72	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1251401	69.37	ng	0.00
79) Terphenyl-d14	12.82	244	952511	55.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.25	77	5559	Below Cal	#	1
22) Acetophenone	7.10	105	54685	4.397	ng	# 83
31) Naphthalene	8.00	128	1943325	69.547	ng	99
33) 4-Chloroaniline	8.00	127	278844	22.923	ng	# 32
37) 2-Methylnaphthalene	8.69	142	363706	19.199	ng	99
38) 1-Methylnaphthalene	8.79	142	348860	19.538	ng	99
46) 1,1'-Biphenyl	9.16	154	73291	3.390	ng	99
49) Acenaphthylene	9.60	152	62113	2.452	ng	# 81
50) Dimethylphthalate	9.46	163	193712	9.778	ng	99
52) Acenaphthene	9.77	154	121747	7.206	ng	95
55) Dibenzofuran	9.94	168	81117	3.499	ng	# 69
56) 4-Nitrophenol	9.84	139	12780	3.467	ng	# 58
58) Fluorene	10.29	166	179513	9.682	ng	98
66) n-Nitrosodiphenylamine	10.40	169	47891	3.644	ng	# 71
71) Phenanthrene	11.25	178	732109	34.808	ng	100
72) Anthracene	11.30	178	194247	9.041	ng	96
73) Carbazole	11.46	167	50307	2.476	ng	# 89
75) Fluoranthene	12.45	202	473665	20.872	ng	96
78) Pyrene	12.67	202	532249	21.801	ng	99
81) Benzo(a)anthracene	13.86	228	237769	12.480	ng	# 91
83) Chrysene	13.89	228	243007	12.553	ng	# 93
84) Bis(2-ethylhexyl)phthalate	13.86	149	42672	2.660	ng	92
86) Indeno(1,2,3-cd)pyrene	16.66	276	87338	5.118	ng	99
88) Benzo(b)fluoranthene	14.89	252	296904	14.017	ng	# 92
89) Benzo(k)fluoranthene	14.89	252	296904	16.246	ng	# 93
90) Benzo(a)pyrene	15.23	252	173459	9.740	ng	# 91
92) Benzo(g,h,i)perylene	17.07	276	89439	5.744	ng	# 95

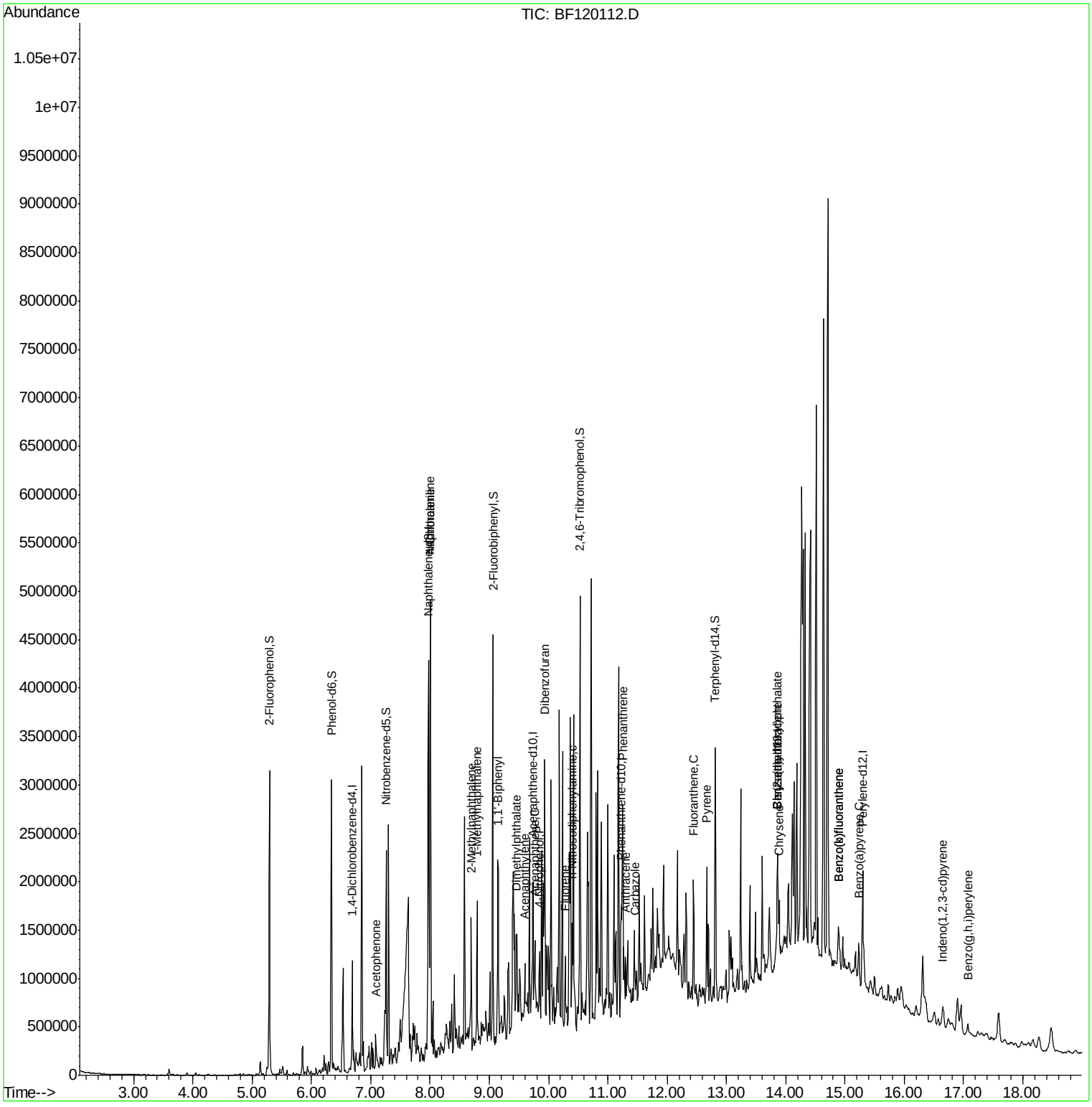
(#) = qualifier out of range (m) = manual integration (+) = signals summed

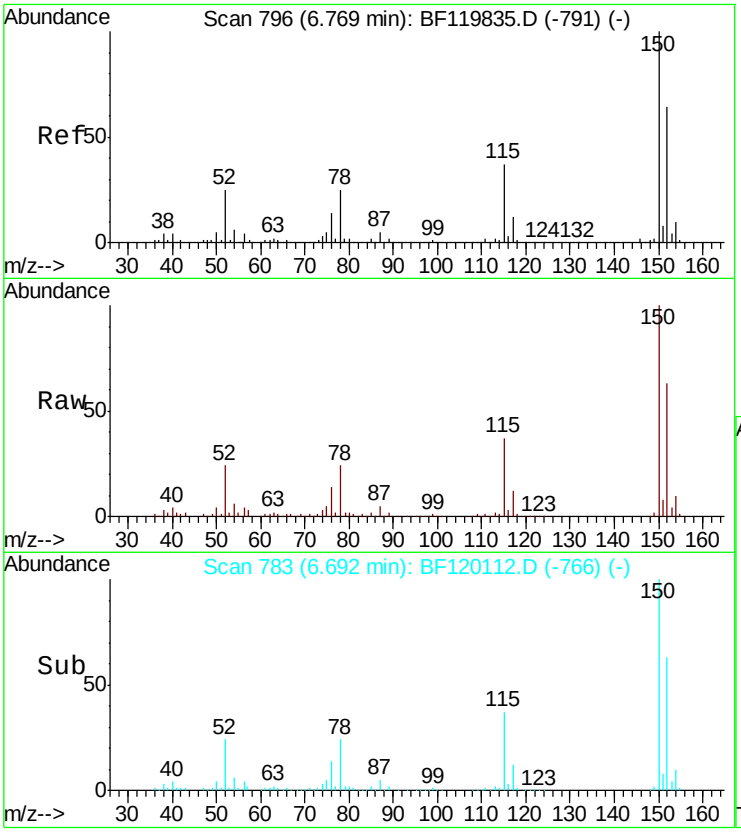
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120112.D
Acq On : 21 Apr 2020 19:47
Operator : MA/SJ
Sample : L2330-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Quant Time: Apr 22 01:49:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration



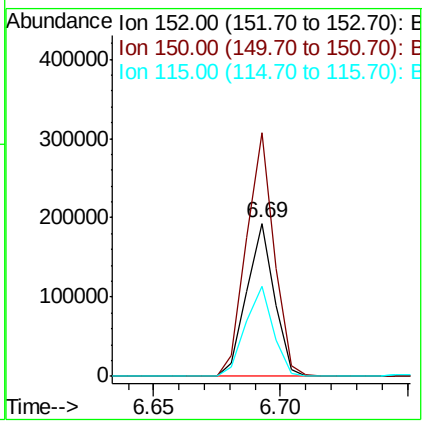


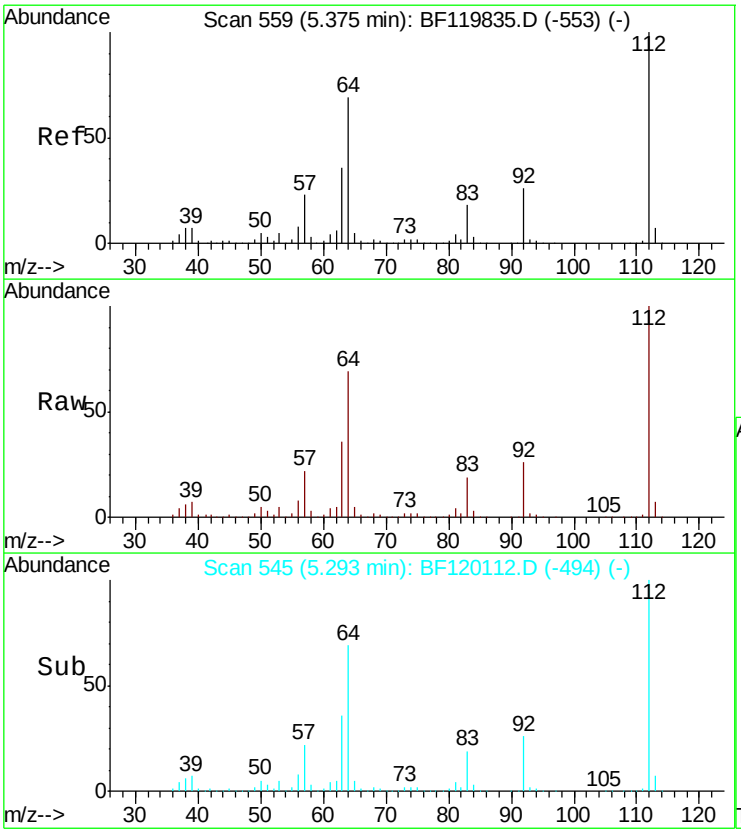
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:152 Resp: 146776

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.8	187.2
115	58.6	46.5	69.7

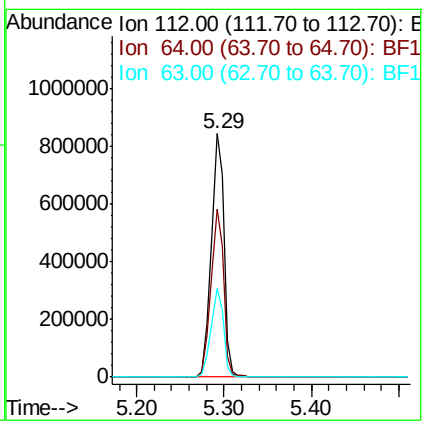


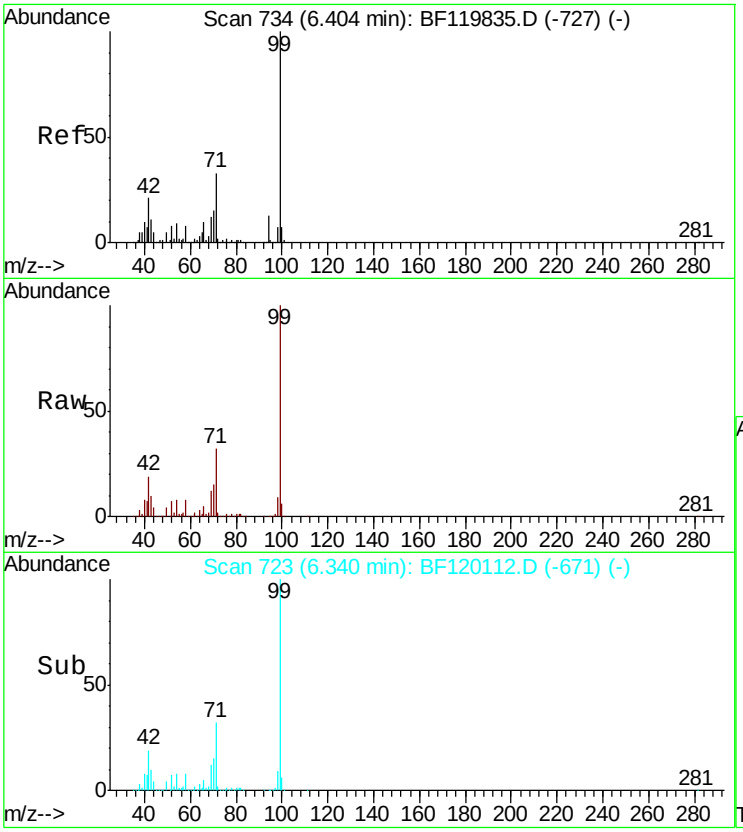


#5
2-Fluorophenol
Concen: 100.796 ng
RT: 5.29 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:112 Resp: 856070

Ion	Ratio	Lower	Upper
112	100		
64	69.0	55.5	83.3
63	36.4	29.1	43.7



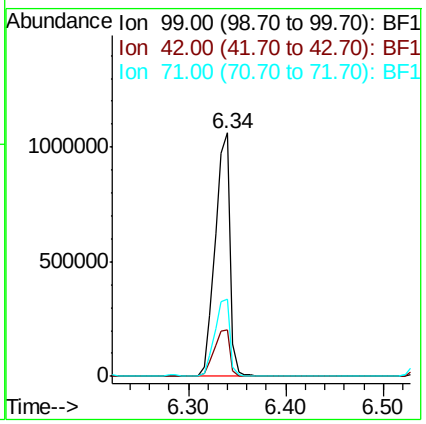


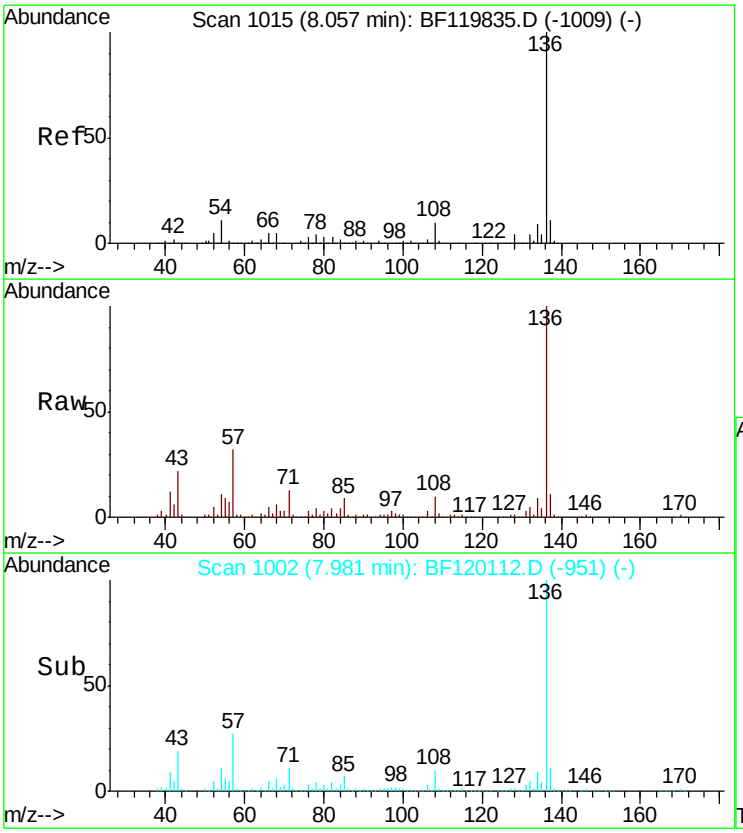
#7
Phenol-d6
Concen: 101.523 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion: 99 Resp: 1111040

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.9	25.3
71	31.6	26.3	39.5

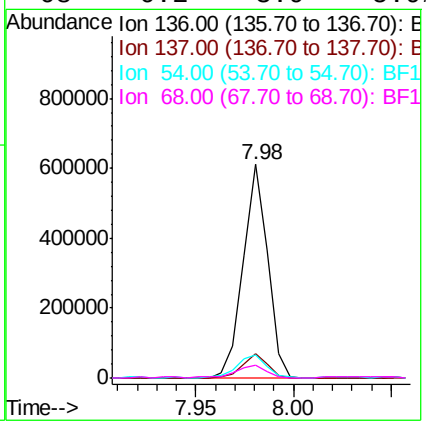


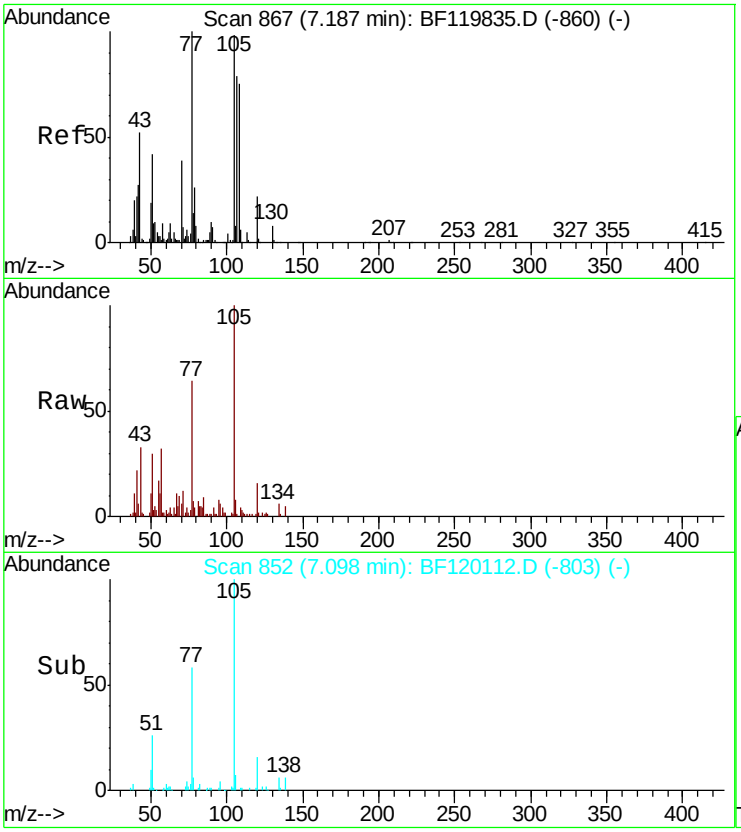


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:136 Resp: 531097

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.0	8.5	12.7
68	6.2	3.9	5.9#



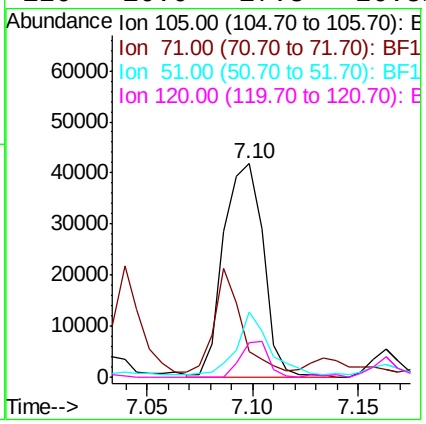


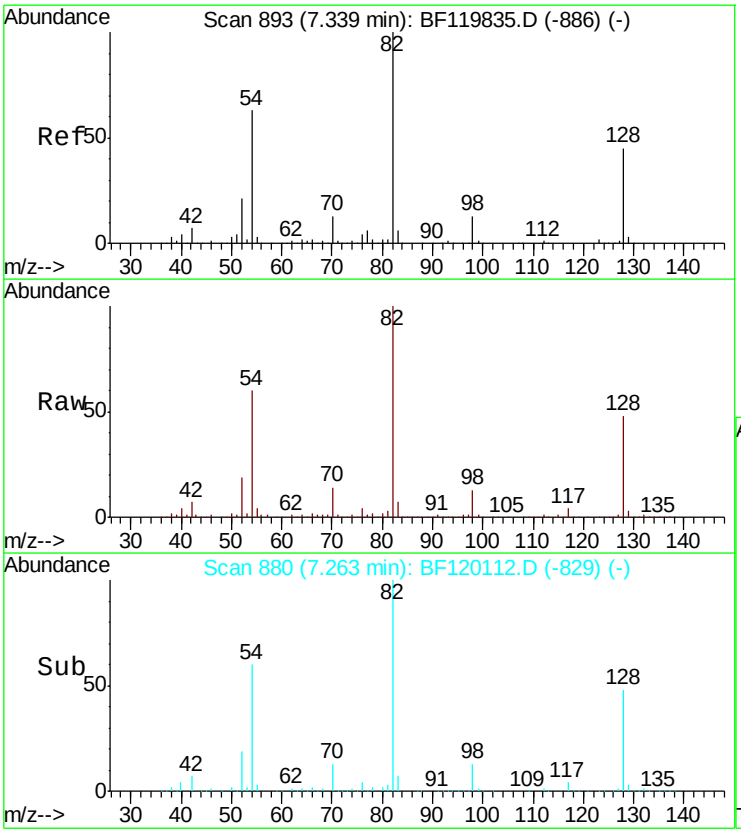
#22
Acetophenone
Concen: 4.397 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:105 Resp: 54685

Ion	Ratio	Lower	Upper
105	100		
71	12.0	5.6	8.4#
51	30.5	33.9	50.9#
120	16.0	17.8	26.8#

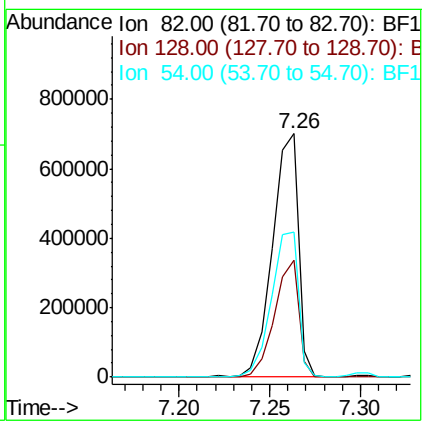


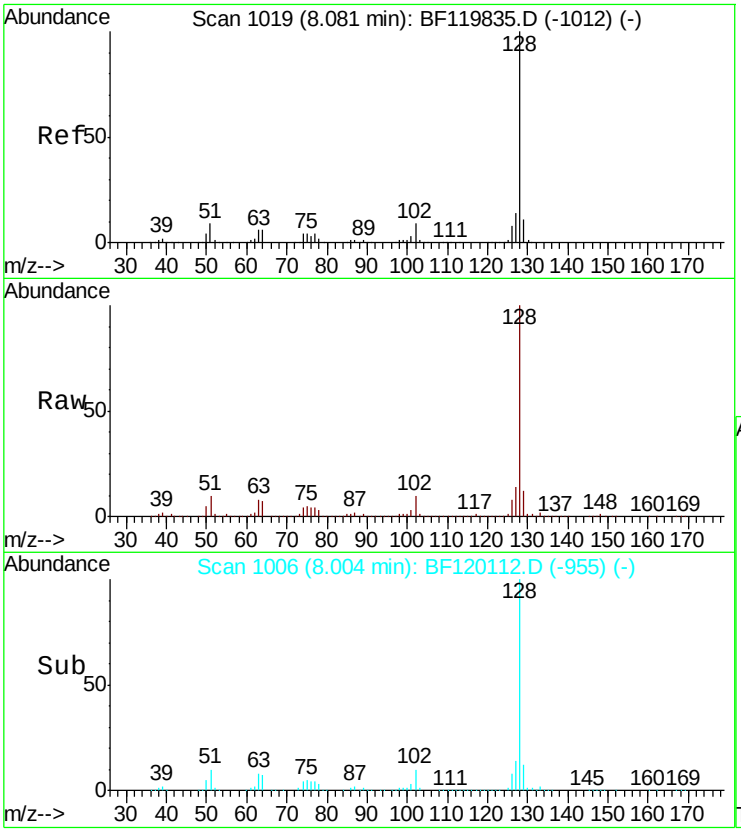


#23
Nitrobenzene-d5
Concen: 67.534 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion: 82 Resp: 693301

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.2	54.4
54	59.6	50.4	75.6



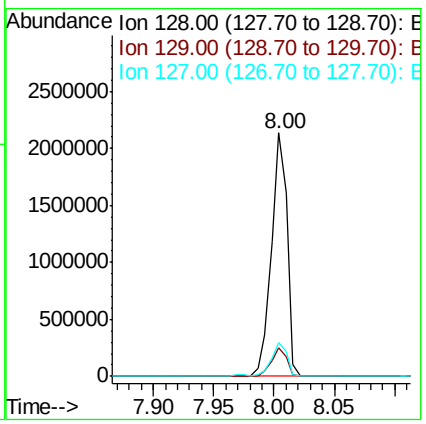


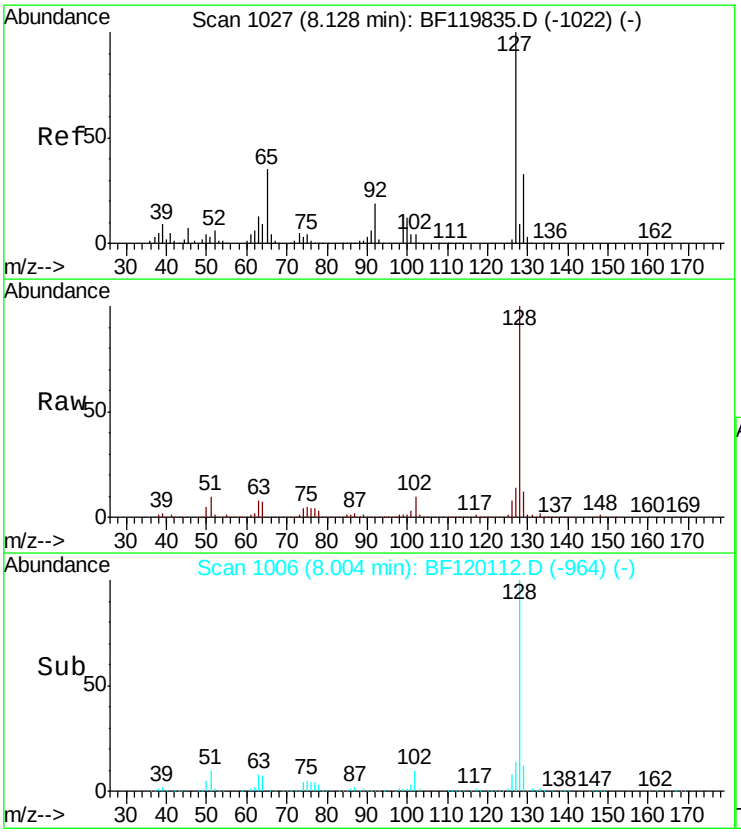
#31
Naphthalene
Concen: 69.547 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:128 Resp: 1943325

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.0	11.0	16.4

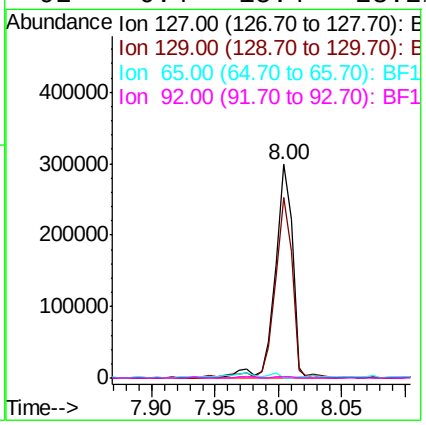


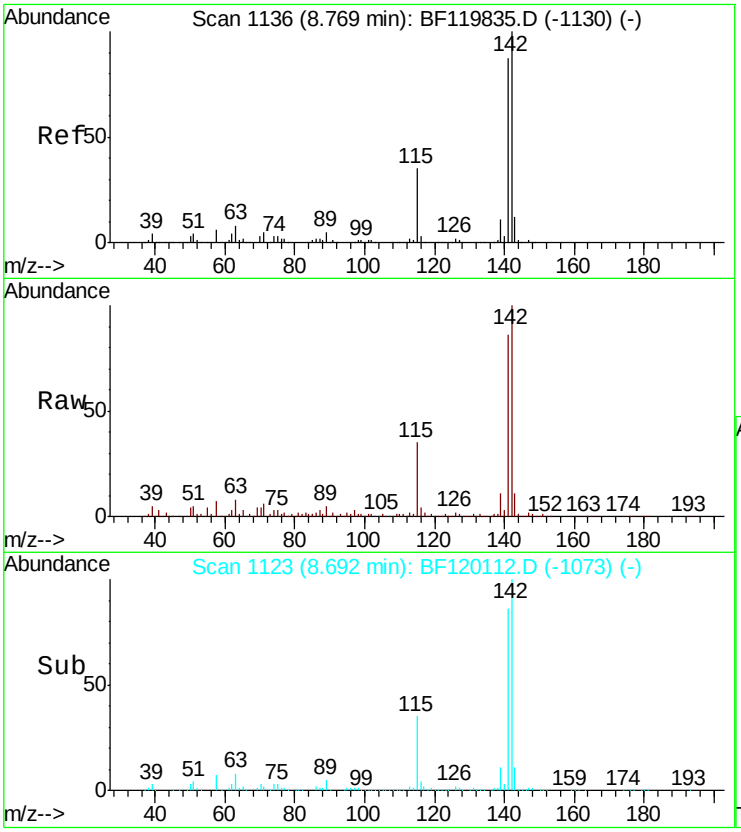


#33
4-Chloroaniline
Concen: 22.923 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.05 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:127 Resp: 278844

Ion	Ratio	Lower	Upper
127	100		
129	84.3	26.2	39.2#
65	0.0	28.3	42.5#
92	0.4	15.4	23.2#



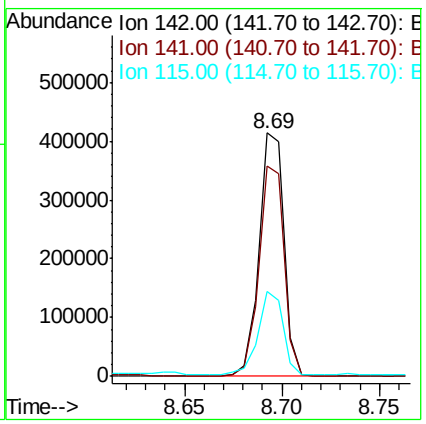


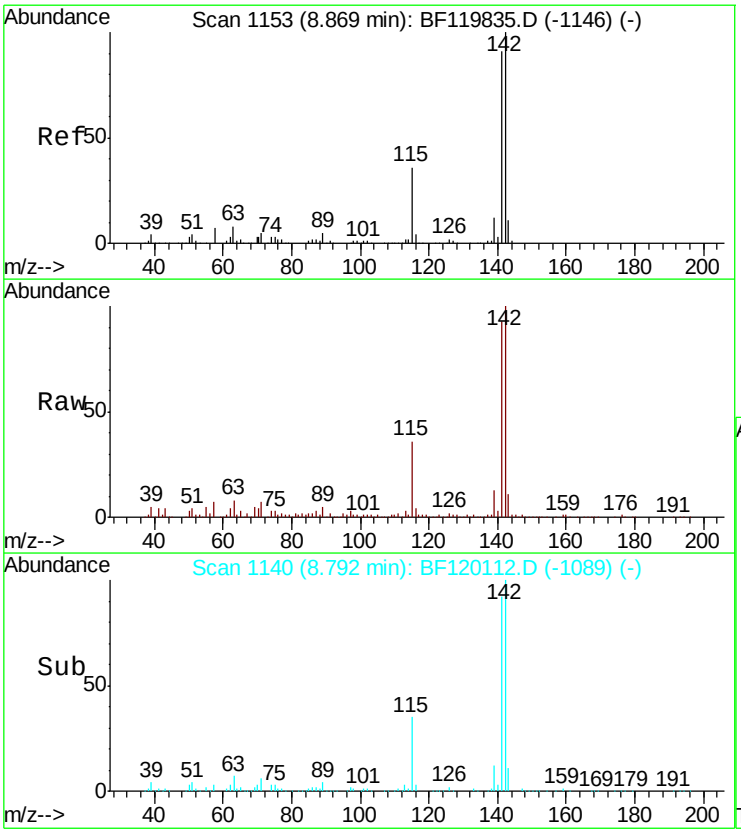
#37
2-Methylnaphthalene
Concen: 19.199 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:142 Resp: 363706

Ion	Ratio	Lower	Upper
142	100		
141	86.4	69.9	104.9
115	35.1	28.0	42.0

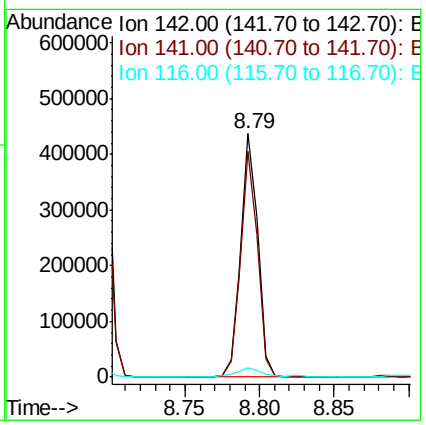


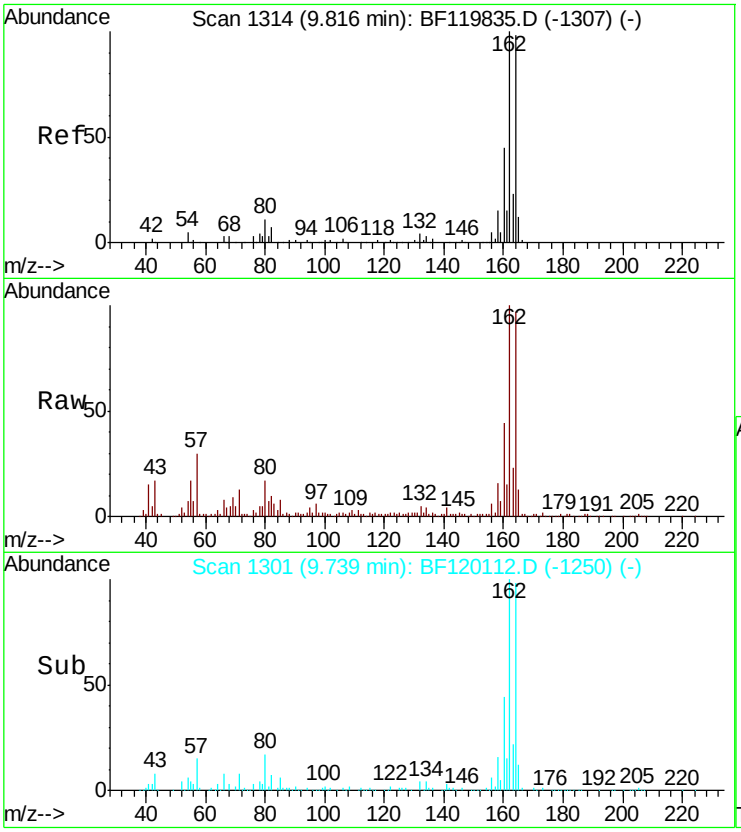


#38
1-Methylnaphthalene
Concen: 19.538 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:142 Resp: 348860

Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.9	109.3
116	3.8	3.0	4.6



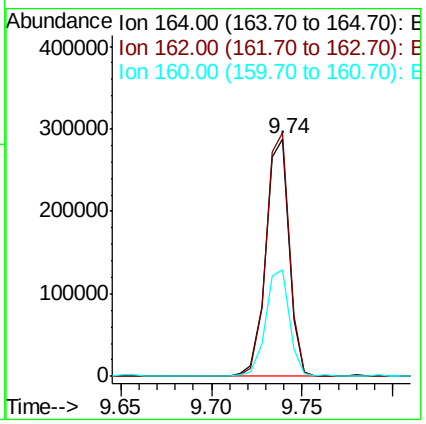


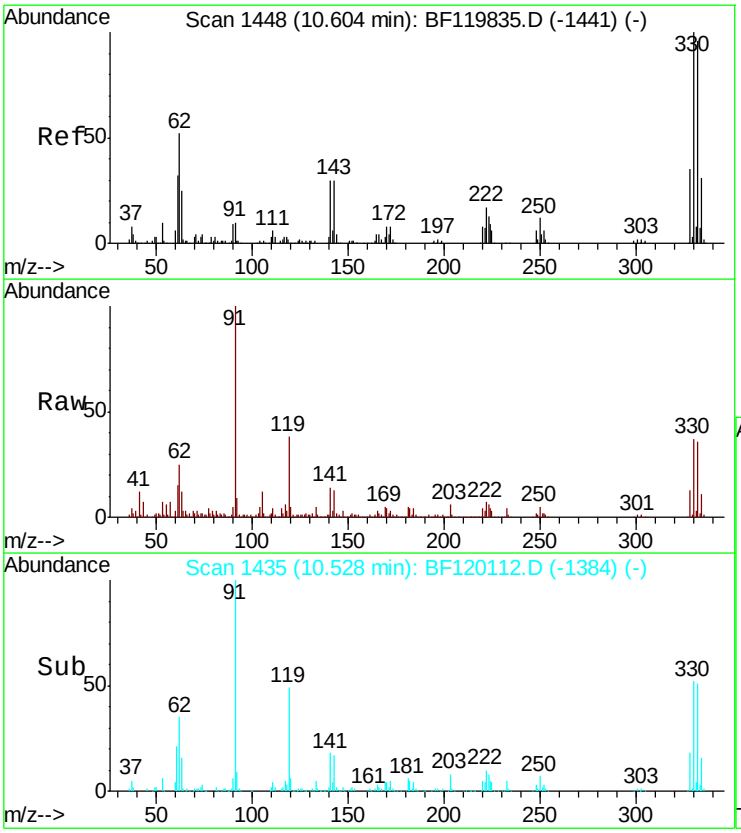
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:164 Resp: 256123

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.9	122.9
160	45.2	36.6	54.8

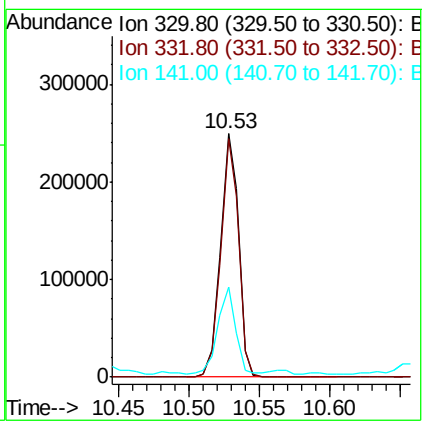


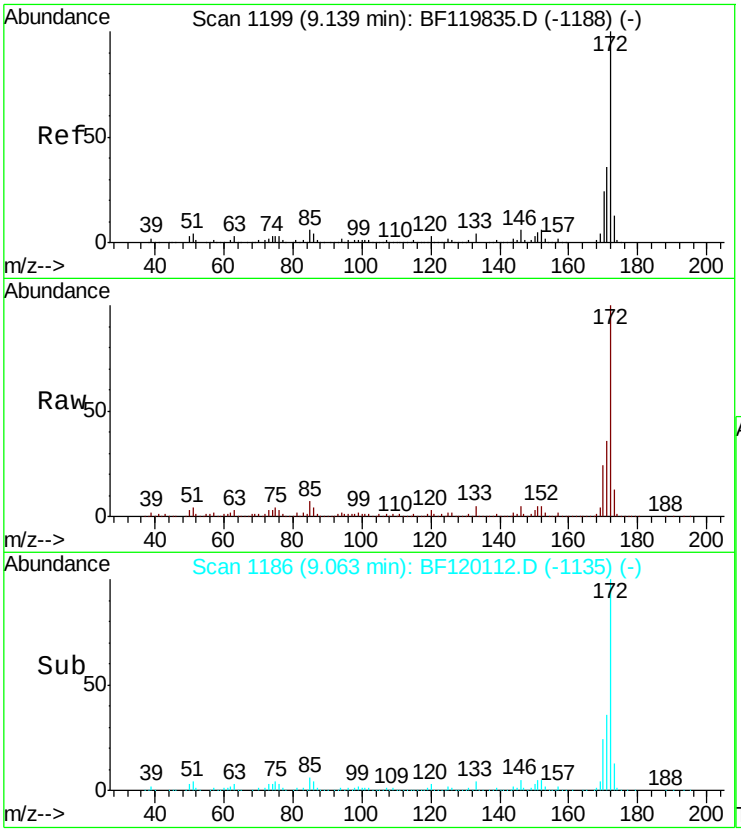


#42
2,4,6-Tribromophenol
Concen: 70.723 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:330 Resp: 221773

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.6	25.1	37.7



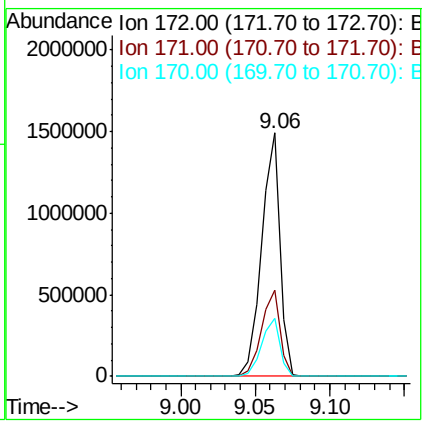


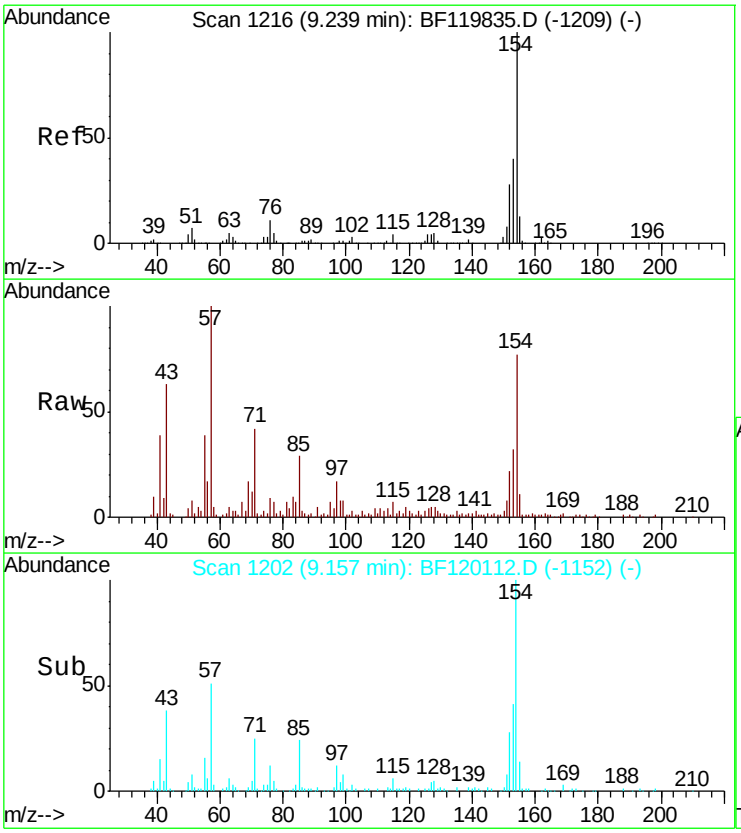
#45
2-Fluorobiphenyl
Concen: 69.370 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:172 Resp: 1251401

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.7	19.4	29.2

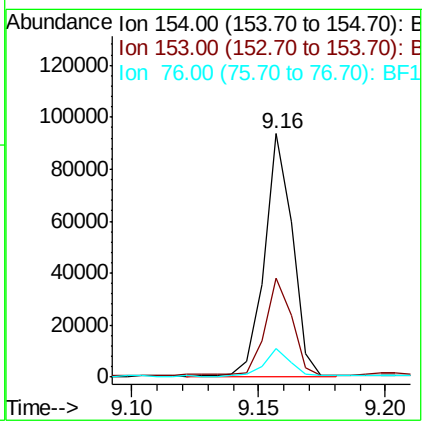


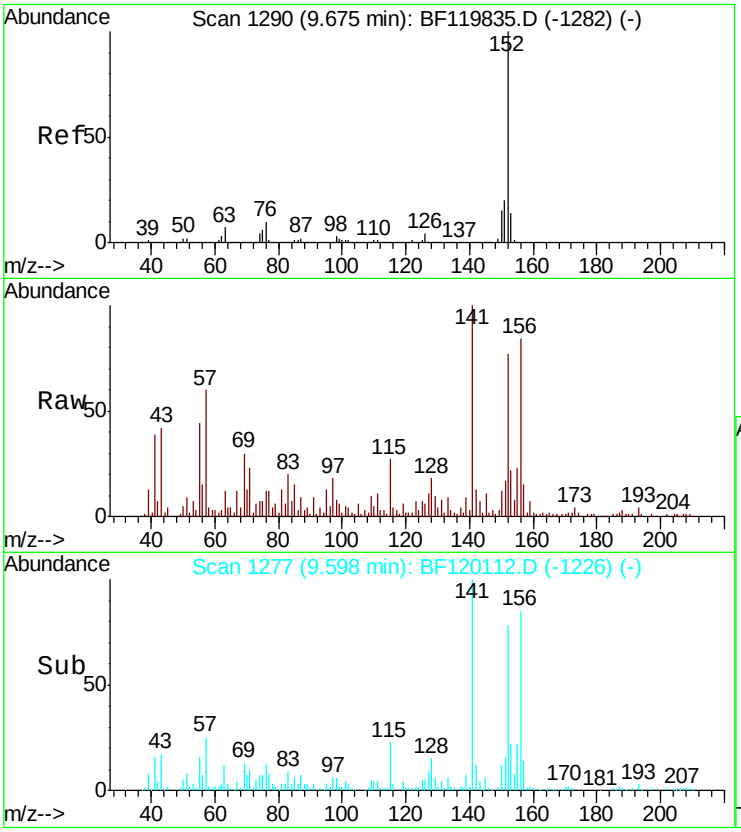


#46
1,1'-Biphenyl
Concen: 3.390 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:154 Resp: 73291

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	11.9	0.0	30.6



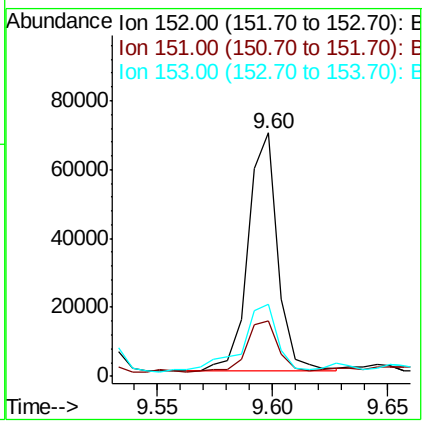


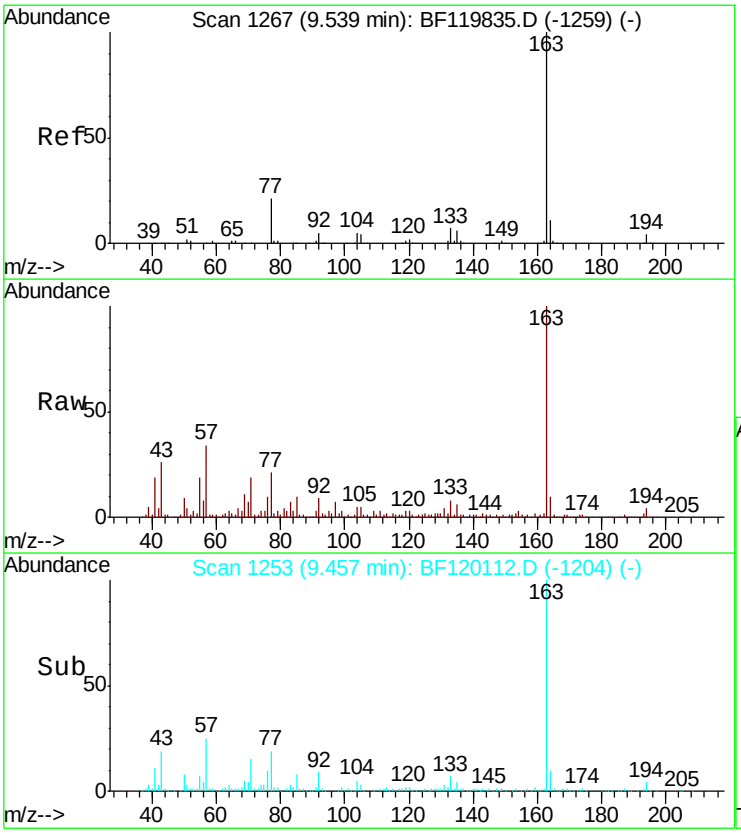
#49
Acenaphthylene
Concen: 2.452 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:152 Resp: 62113

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.2	24.4
153	29.4	10.9	16.3#

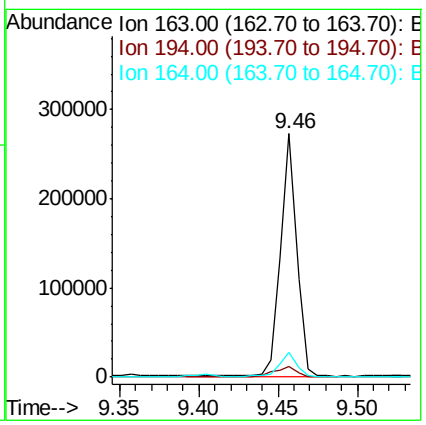


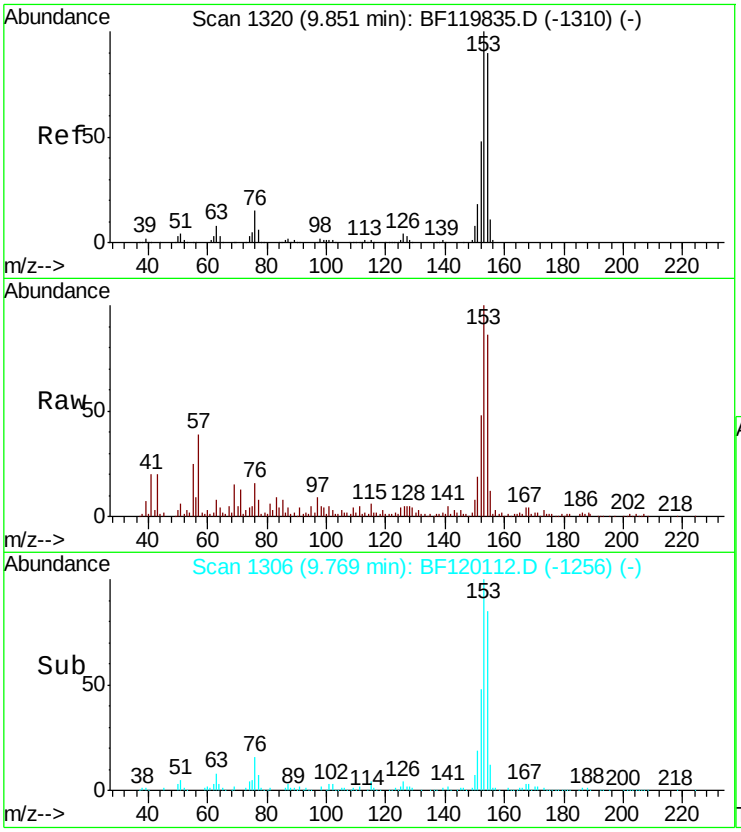


#50
Dimethylphthalate
Concen: 9.778 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:163 Resp: 193712

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.3	8.4	12.6



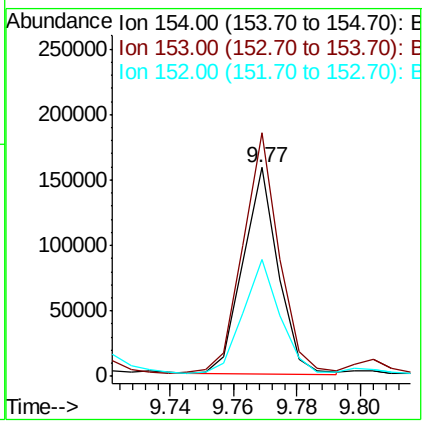


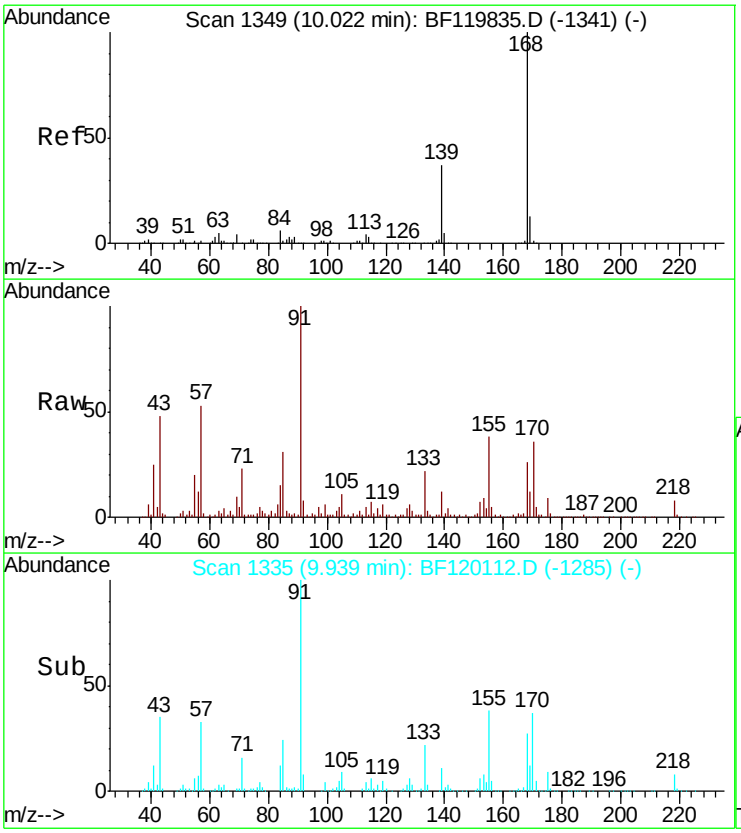
#52
Acenaphthene
Concen: 7.206 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:154 Resp: 121747

Ion	Ratio	Lower	Upper
154	100		
153	116.6	88.8	133.2
152	56.3	42.4	63.6

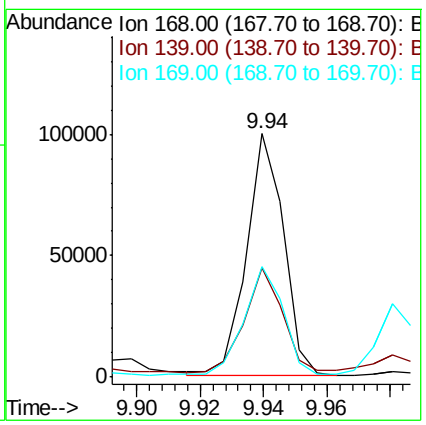


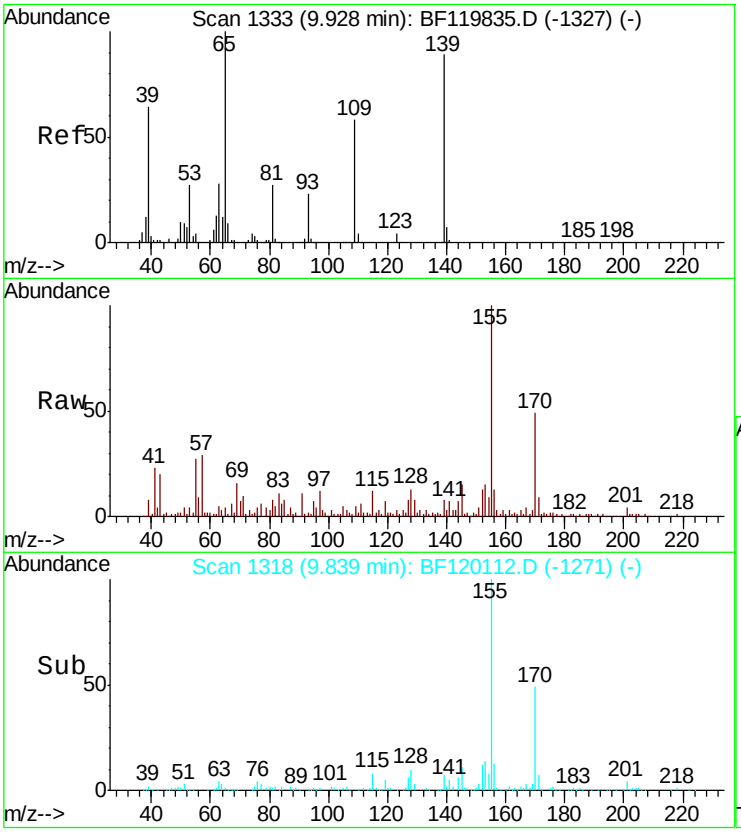


#55
Dibenzofuran
Concen: 3.499 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:168 Resp: 81117

Ion	Ratio	Lower	Upper
168	100		
139	45.0	29.8	44.6#
169	45.5	10.6	15.8#



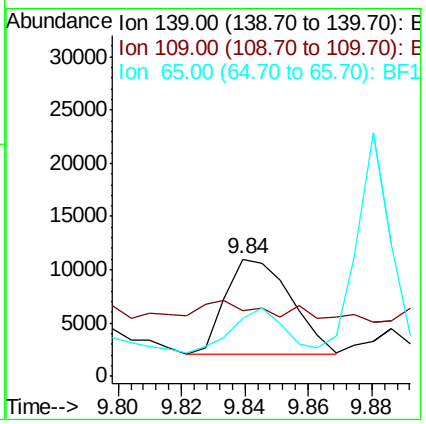


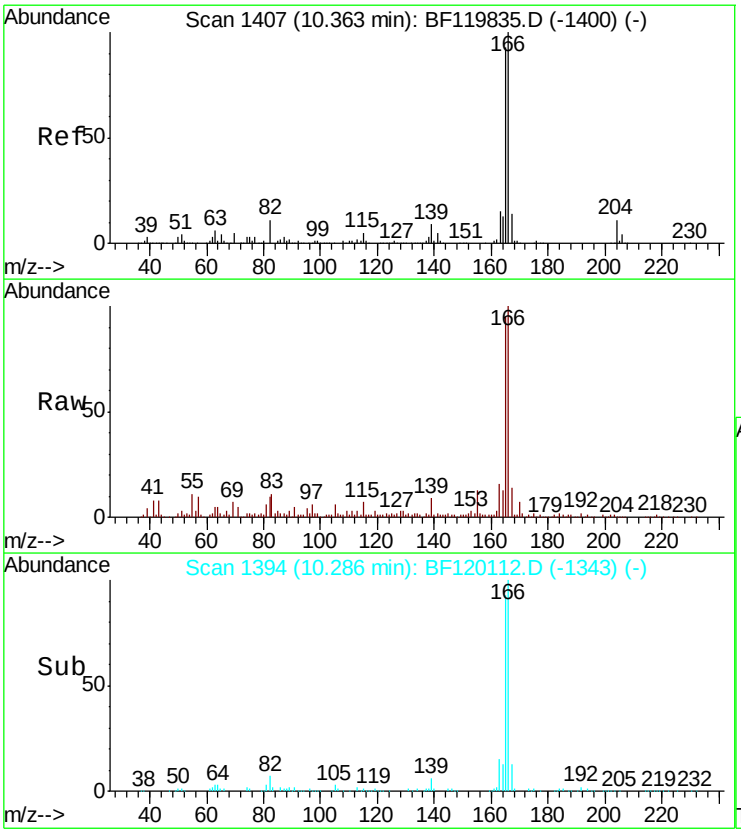
#56
4-Nitrophenol
Concen: 3.467 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:139 Resp: 12780

Ion	Ratio	Lower	Upper
139	100		
109	55.8	45.5	85.5
65	49.5	92.3	132.3#

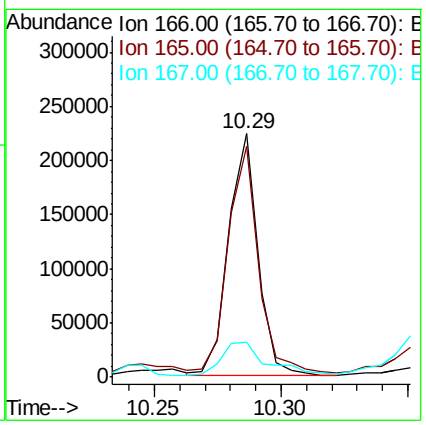


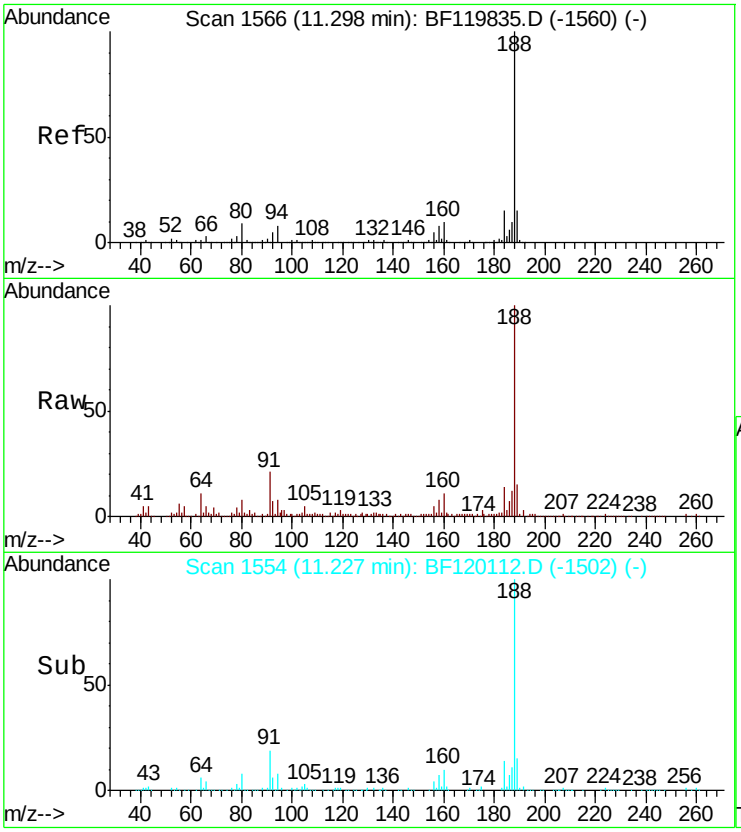


#58
Fluorene
Concen: 9.682 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:166 Resp: 179513

Ion	Ratio	Lower	Upper
166	100		
165	94.8	74.2	111.2
167	14.5	10.8	16.2



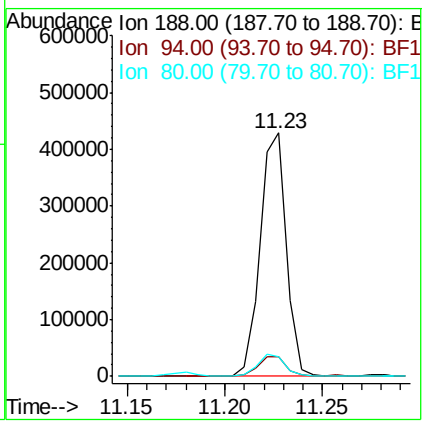


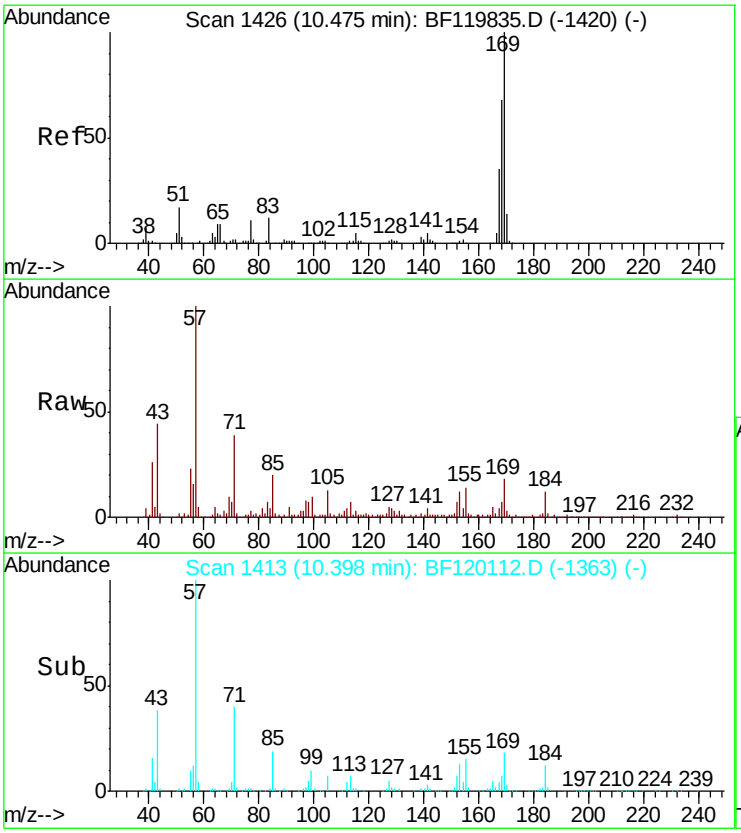
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:188 Resp: 395195

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.3	7.4	11.2

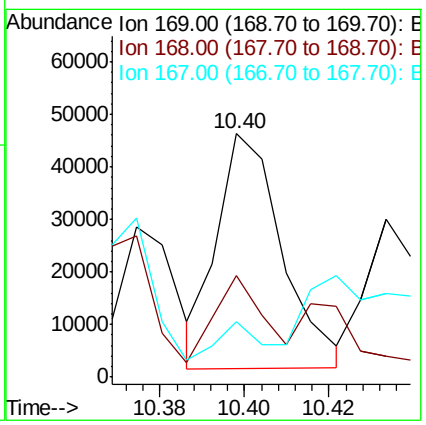


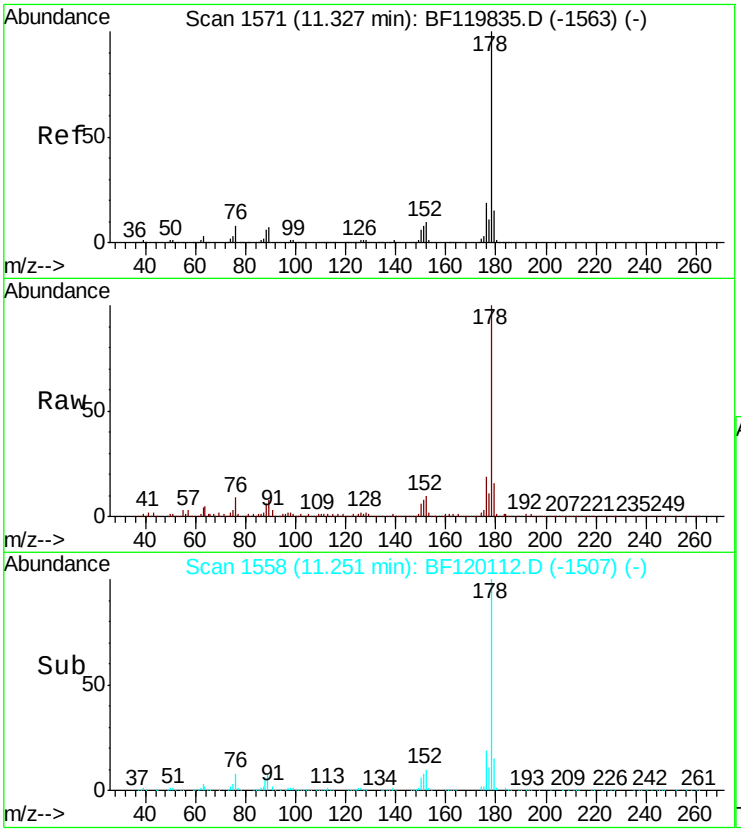


#66
n-Nitrosodiphenylamine
Concen: 3.644 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:169 Resp: 47891

Ion	Ratio	Lower	Upper
169	100		
168	41.9	54.2	81.4#
167	22.7	28.3	42.5#



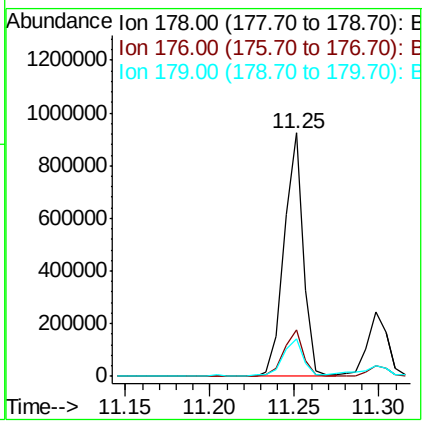


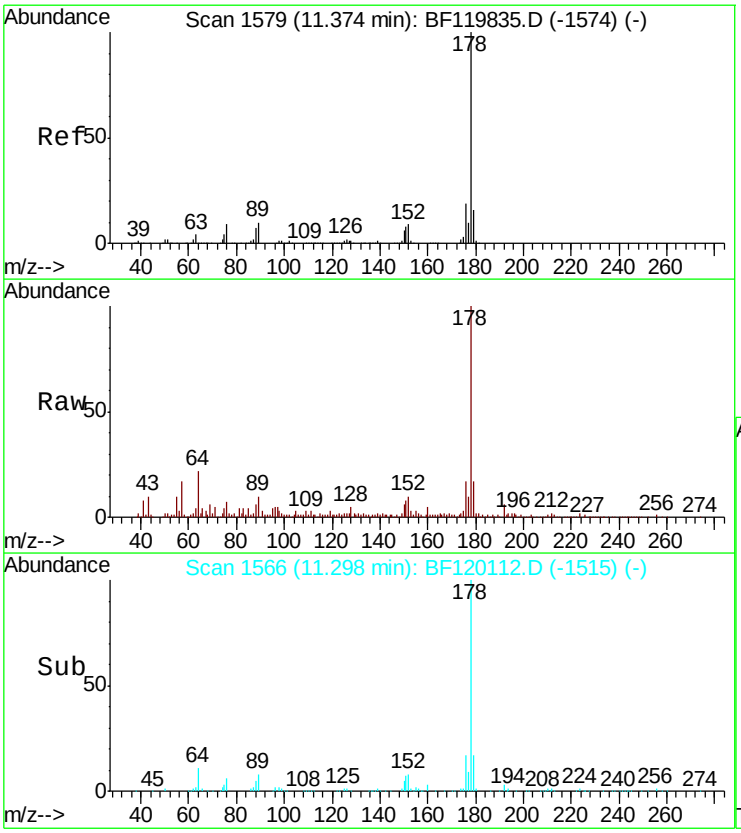
#71
Phenanthrene
Concen: 34.808 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:178 Resp: 732109

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	12.2	18.4

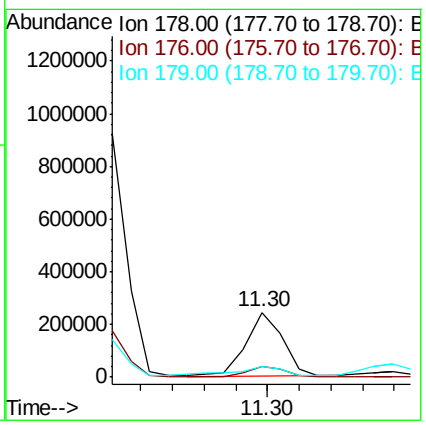


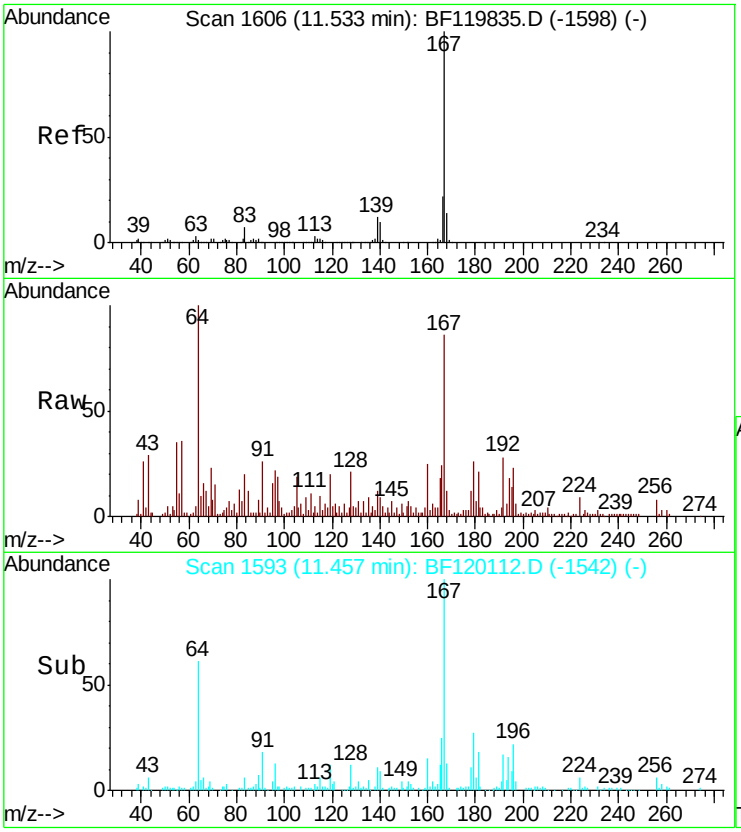


#72
Anthracene
Concen: 9.041 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:178 Resp: 194247

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	17.2	12.8	19.2



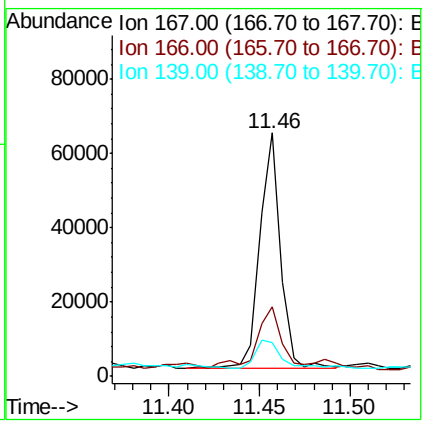


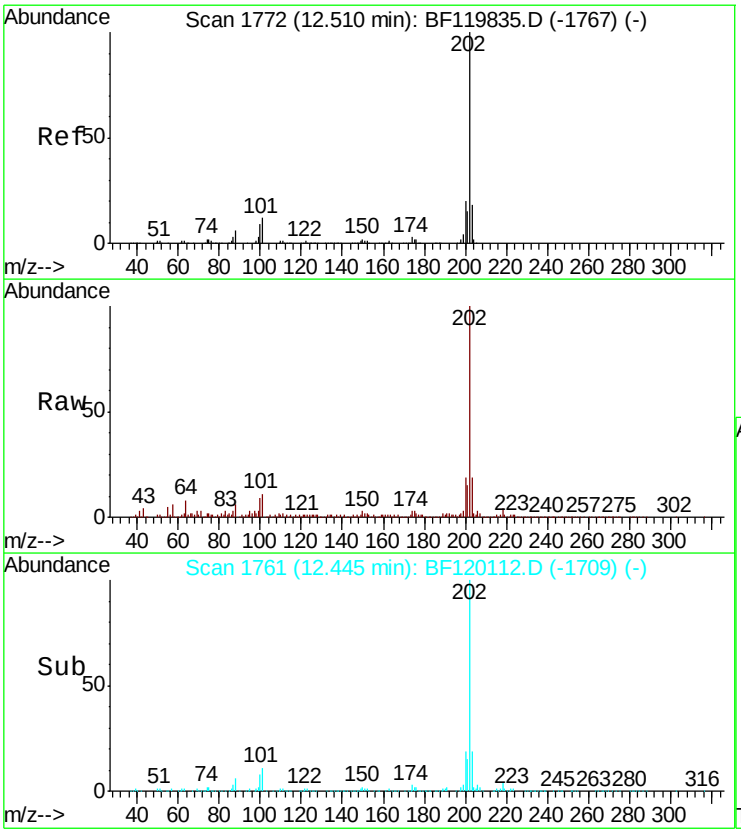
#73
Carbazole
Concen: 2.476 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:167 Resp: 50307

Ion	Ratio	Lower	Upper
167	100		
166	28.4	17.4	26.0#
139	14.0	9.8	14.8

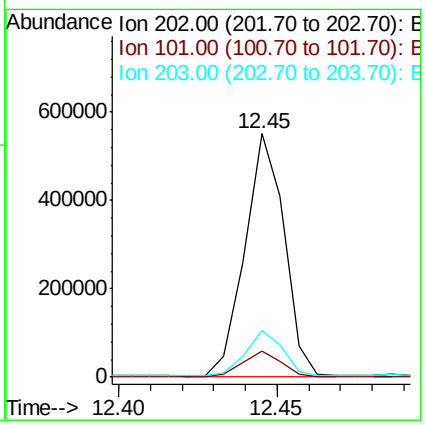


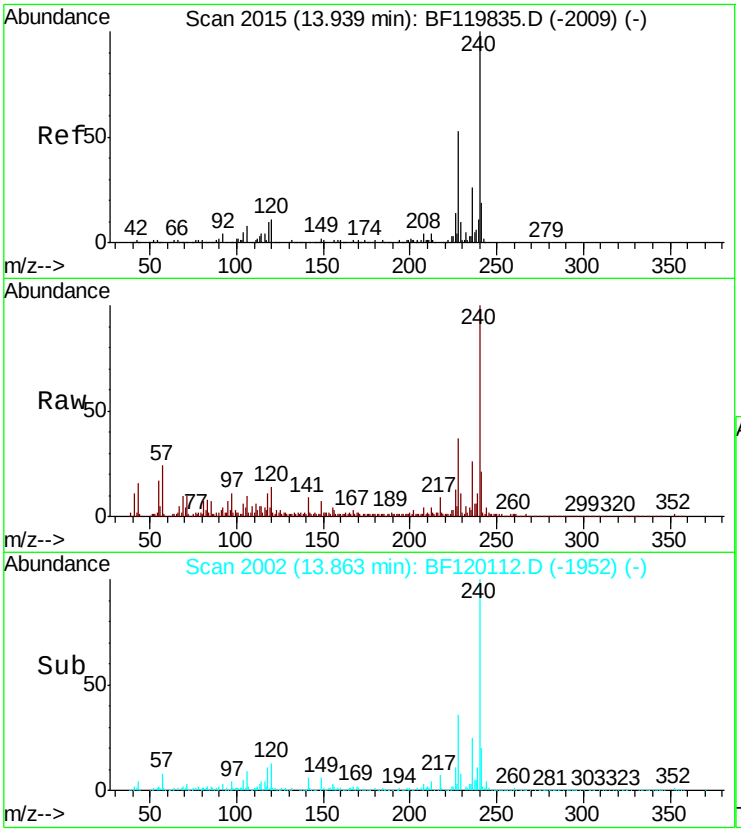


#75
Fluoranthene
Concen: 20.872 ng
RT: 12.45 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:202 Resp: 473665

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.3
203	19.1	0.0	37.6



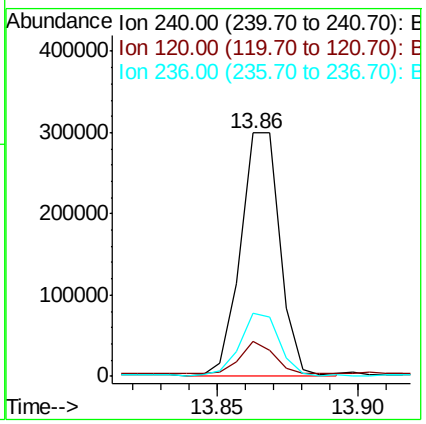


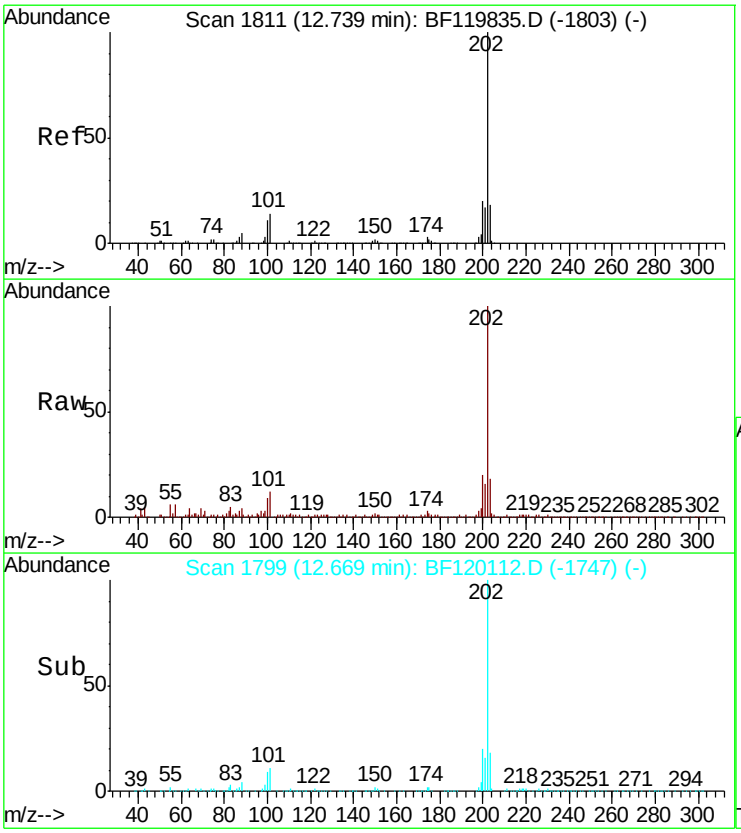
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:240 Resp: 289601

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.0	13.6#
236	25.7	20.7	31.1

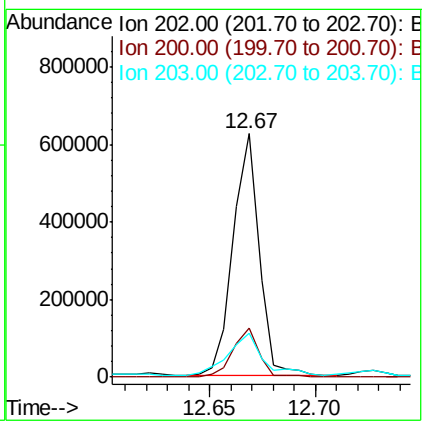


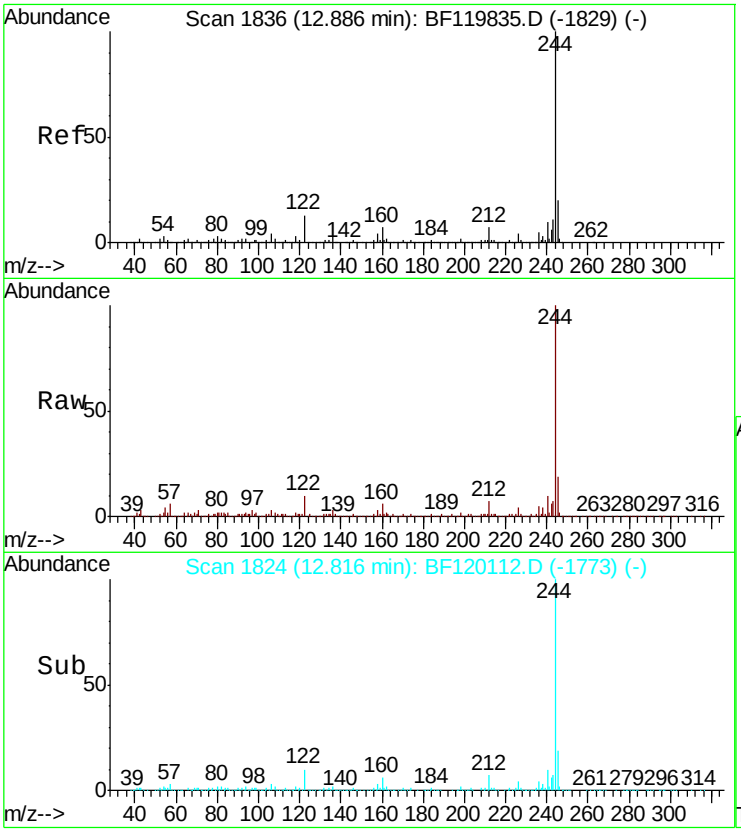


#78
Pyrene
Concen: 21.801 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:202 Resp: 532249

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	18.3	14.1	21.1



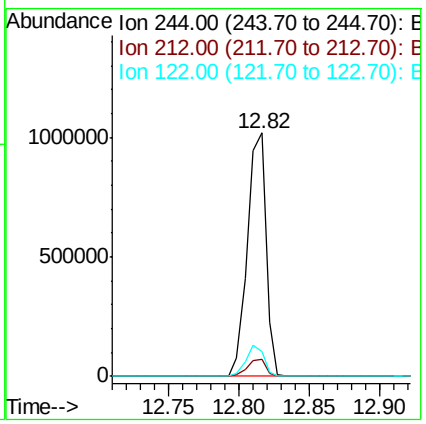


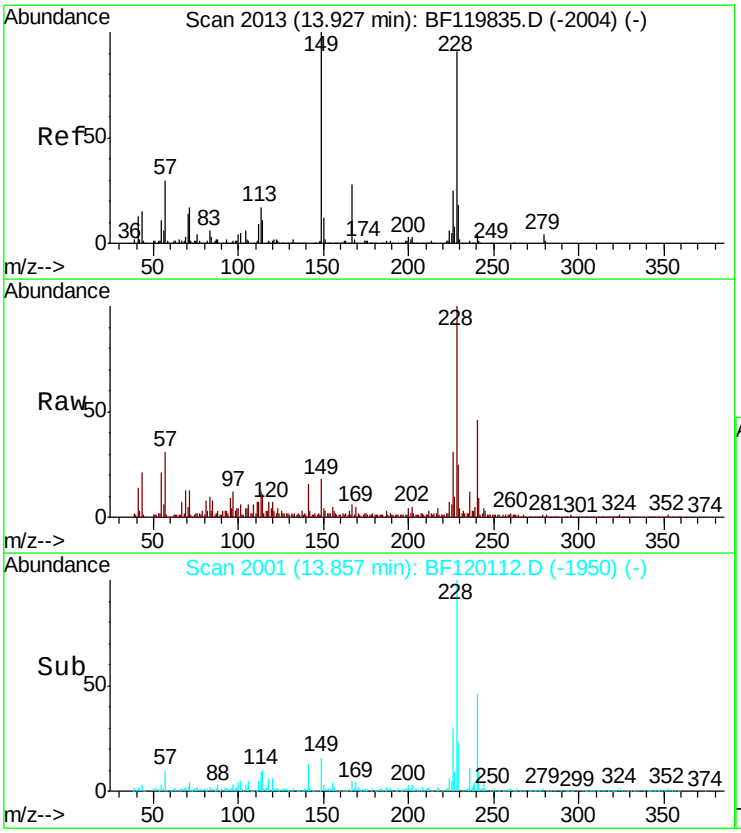
#79
Terphenyl-d14
Concen: 55.343 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:244 Resp: 952511

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	10.3	15.5#

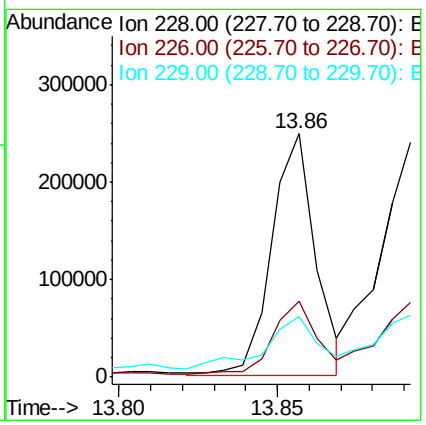


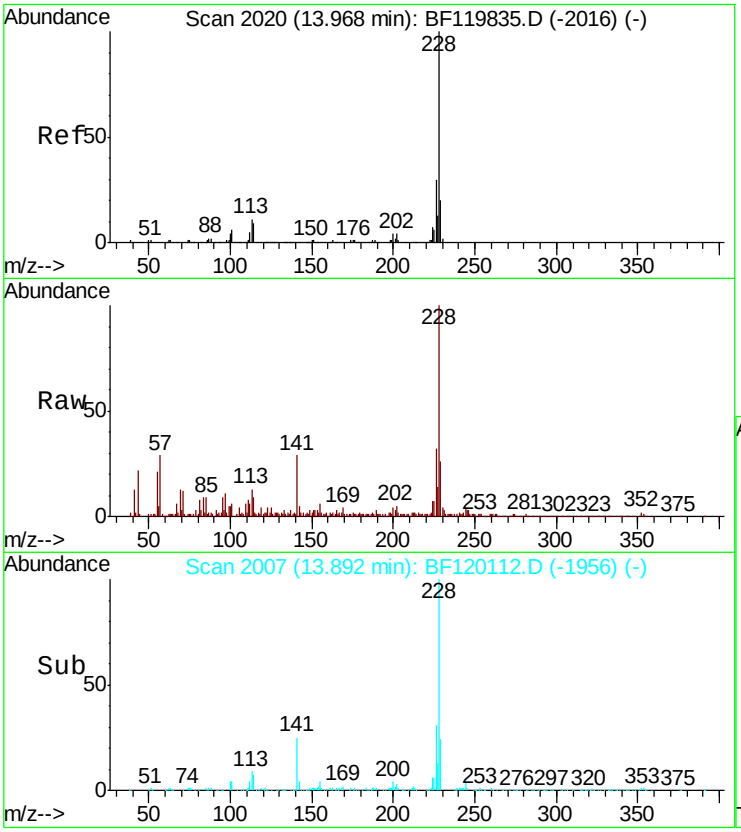


#81
Benzo(a)anthracene
Concen: 12.480 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:228 Resp: 237769

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.9	32.9
229	24.8	15.9	23.9#



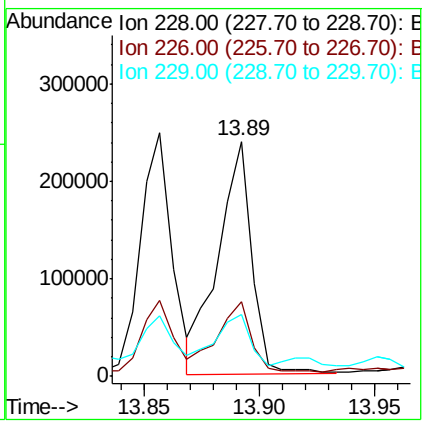


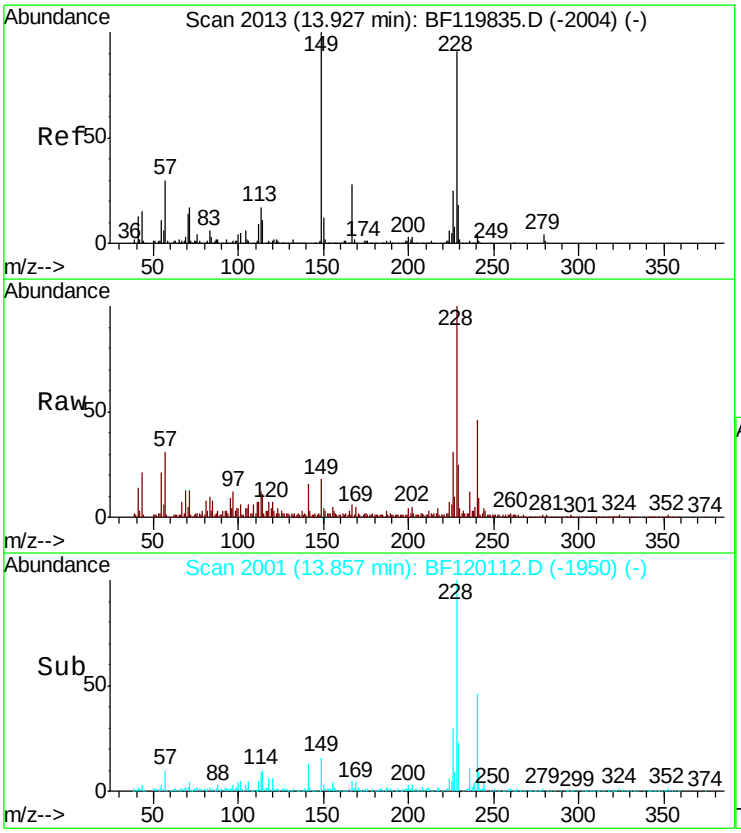
#83
Chrysene
Concen: 12.553 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:228 Resp: 243007

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.2
229	26.3	15.9	23.9#

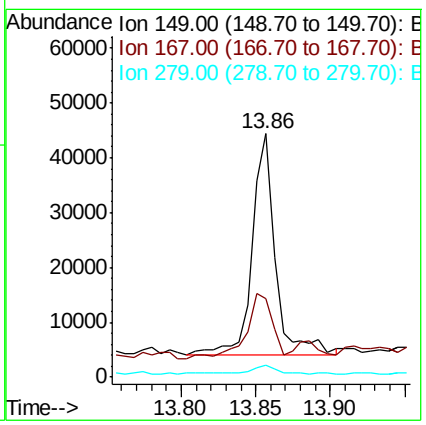


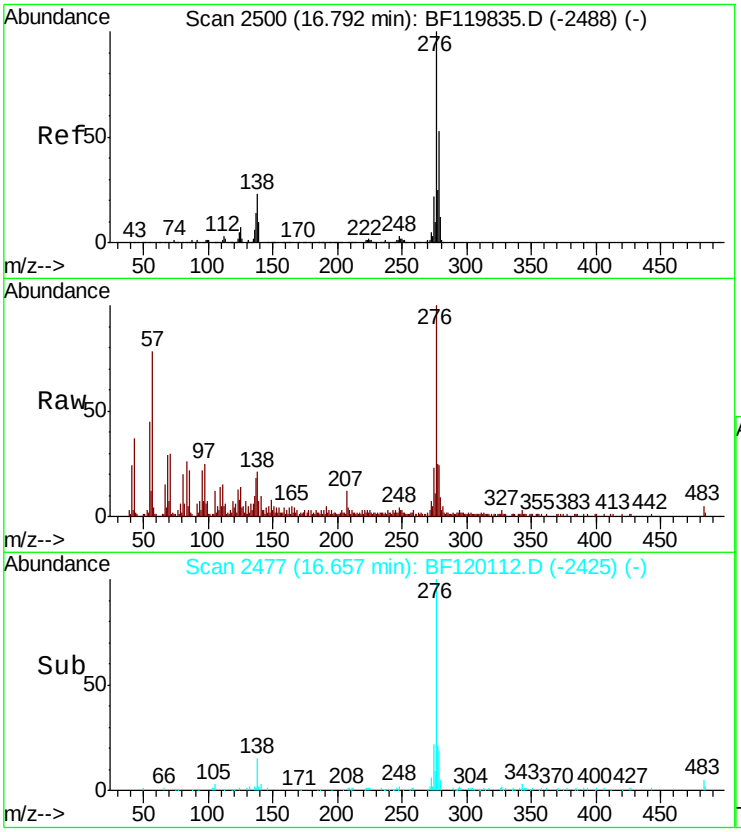


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.660 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:149 Resp: 42672

Ion	Ratio	Lower	Upper
149	100		
167	32.1	22.2	33.2
279	5.0	3.4	5.0



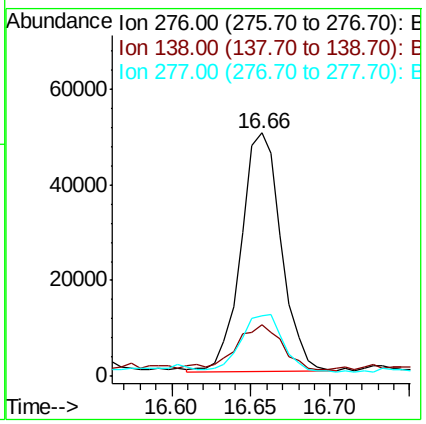


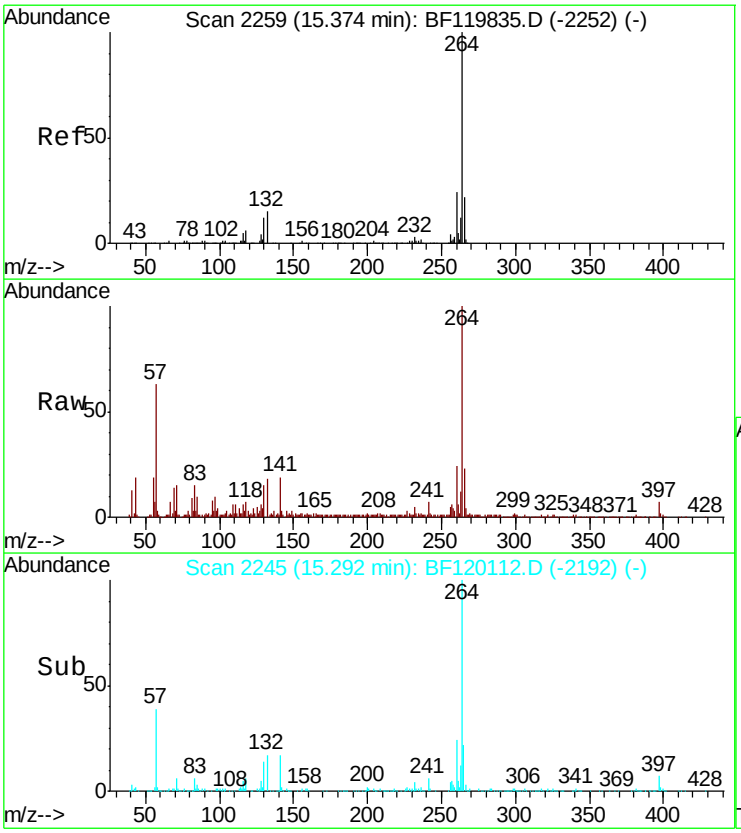
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.118 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:276 Resp: 87338

Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.0	27.0
277	24.9	20.1	30.1

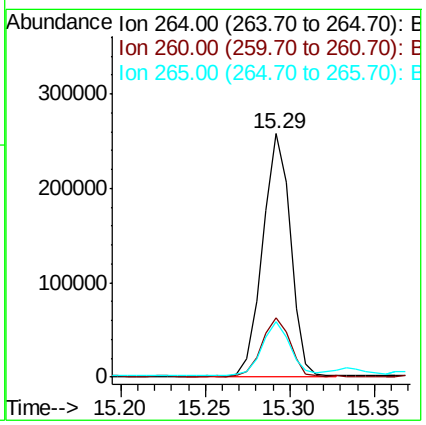


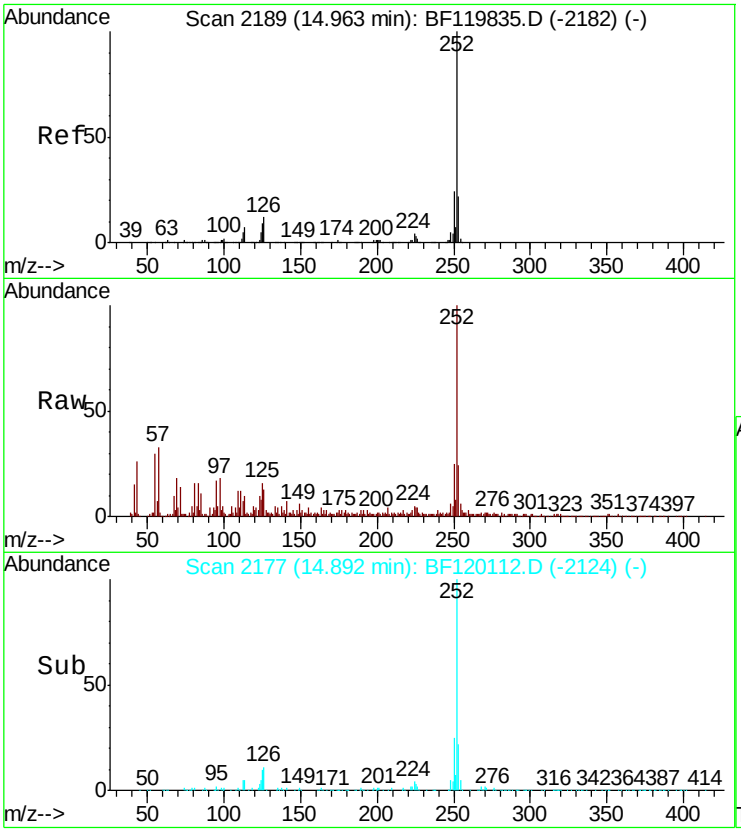


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:264 Resp: 294444

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.9	17.6	26.4



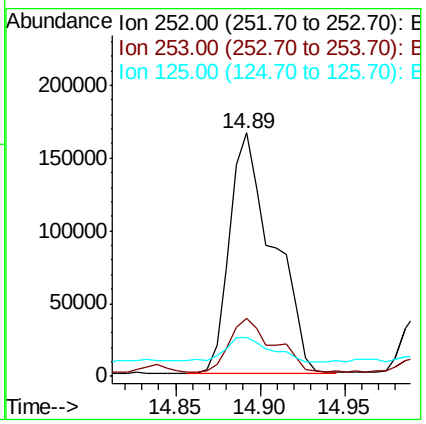


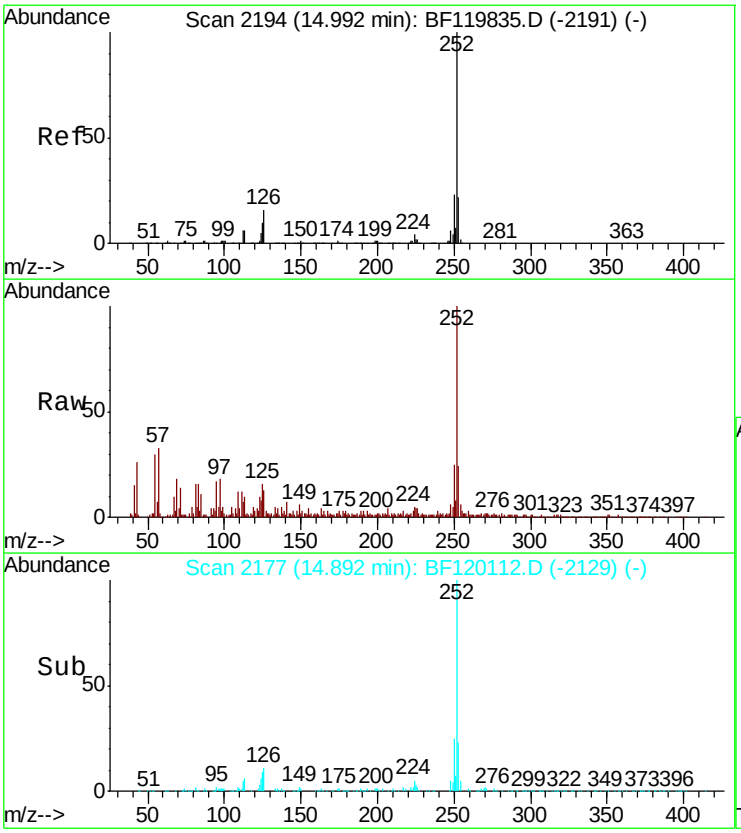
#88
Benzo(b)fluoranthene
Concen: 14.017 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:252 Resp: 296904

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	15.8	7.4	11.2#

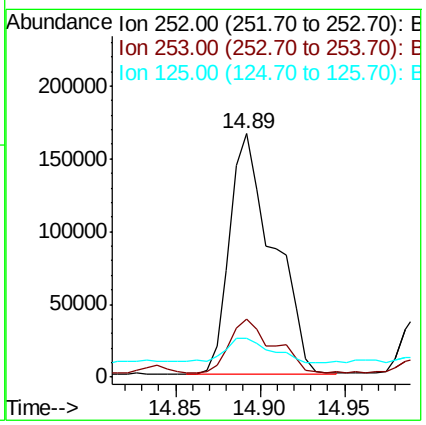


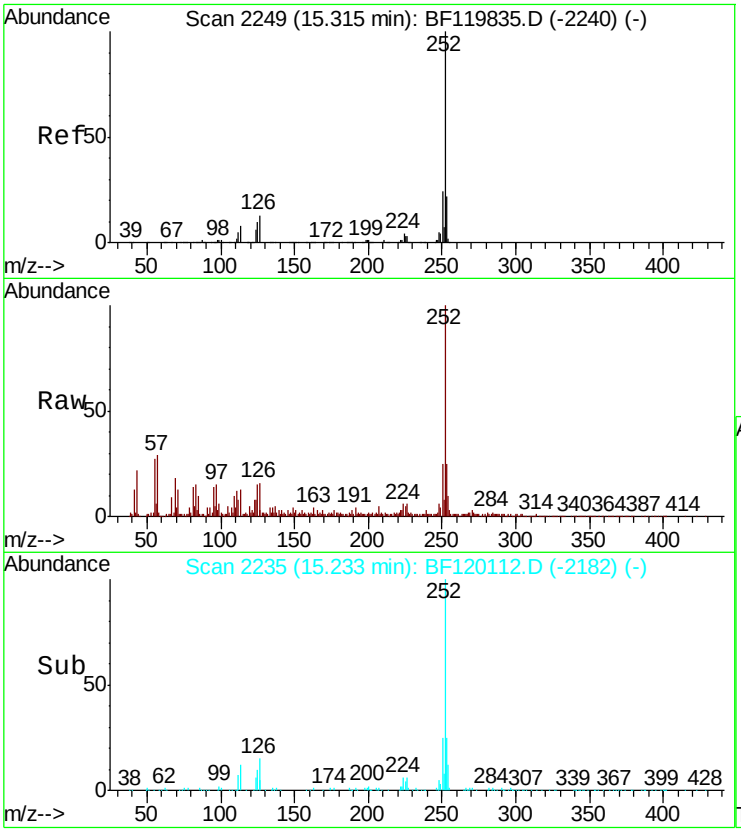


#89
Benzo(k)fluoranthene
Concen: 16.246 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:252 Resp: 296904

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	15.8	7.7	11.5#



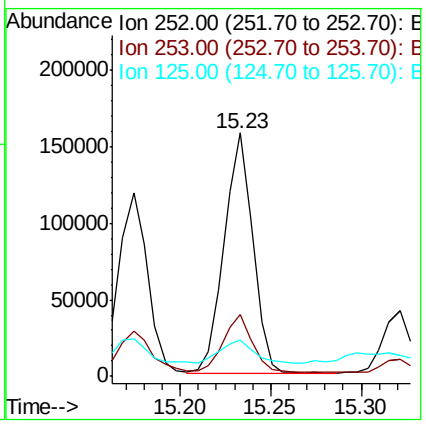


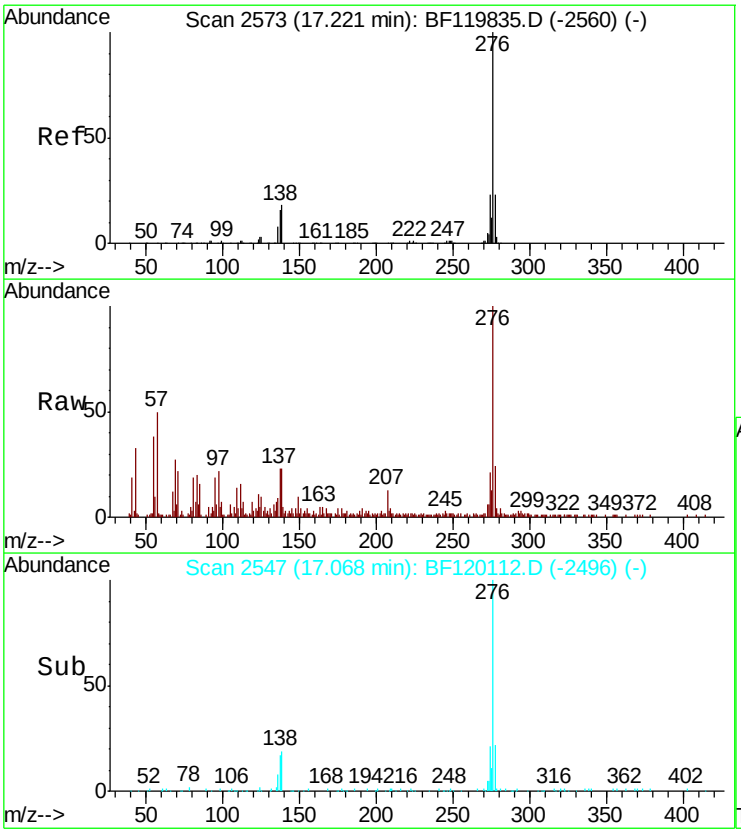
#90
Benzo(a)pyrene
Concen: 9.740 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Instrument :
BNA_F
ClientSampleId :
WB-9-1

Tgt Ion:252 Resp: 173459

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.2
125	14.9	8.3	12.5#





#92
Benzo(g,h,i)perylene
Concen: 5.744 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BF120112.D
Acq: 21 Apr 2020 19:47

Tgt Ion:276 Resp: 89439

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	22.6	14.6	22.0#