Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118662.D
Acq On : 22 Jan 2020 12:36
Operator : CG/JU
Sample : L1148-16DL 200X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 22 13:10:58 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	6.88	152	365885	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1334622	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	666804	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	985593	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	781997	20.00	ng		-0.01
87) Perylene-d12	15.51	264	1066872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	9035	0.46	ng		-0.01
7) Phenol-d6	6.49	99	12655	0.49	ng		-0.02
23) Nitrobenzene-d5	7.43	82	7264	0.30	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	2188	0.28	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	17441	0.43	ng		-0.01
79) Terphenyl-d14	12.98	244	16728	0.47	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.18	128	2338006	38.780	ng		99
33) 4-Chloroaniline	8.18	127	323238	11.600	ng	#	32
37) 2-Methylnaphthalene	8.87	142	603465	14.181	ng		98
38) 1-Methylnaphthalene	8.97	142	455784	11.273	ng		99
46) 1,1'-Biphenyl	9.33	154	221772	4.826	ng		95
49) Acenaphthylene	9.77	152	766785	14.071	ng		96
55) Dibenzofuran	10.12	168	159044	3.150	ng		92
58) Fluorene	10.46	166	529586	13.359	ng		99
71) Phenanthrene	11.43	178	2685899	56.487	ng		96
72) Anthracene	11.47	178	671820	14.279	ng		93
75) Fluoranthene	12.61	202	1295659	25.835	ng		97
78) Pyrene	12.84	202	1687389	31.783	ng		93
81) Benzo(a)anthracene	14.06	228	623258	13.249	ng		99
83) Chrysene	14.06	228	623258	13.824	ng		95
86) Indeno(1,2,3-cd)pyrene	16.98	276	376078	9.600	ng		99
88) Benzo(b)fluoranthene	15.08	252	881759	13.149	ng		98
89) Benzo(k)fluoranthene	15.08	252	881759	14.192	ng		98
90) Benzo(a)pyrene	15.44	252	744168	12.864	ng		98
92) Benzo(g,h,i)perylene	17.43	276	430274	8.660	ng		98

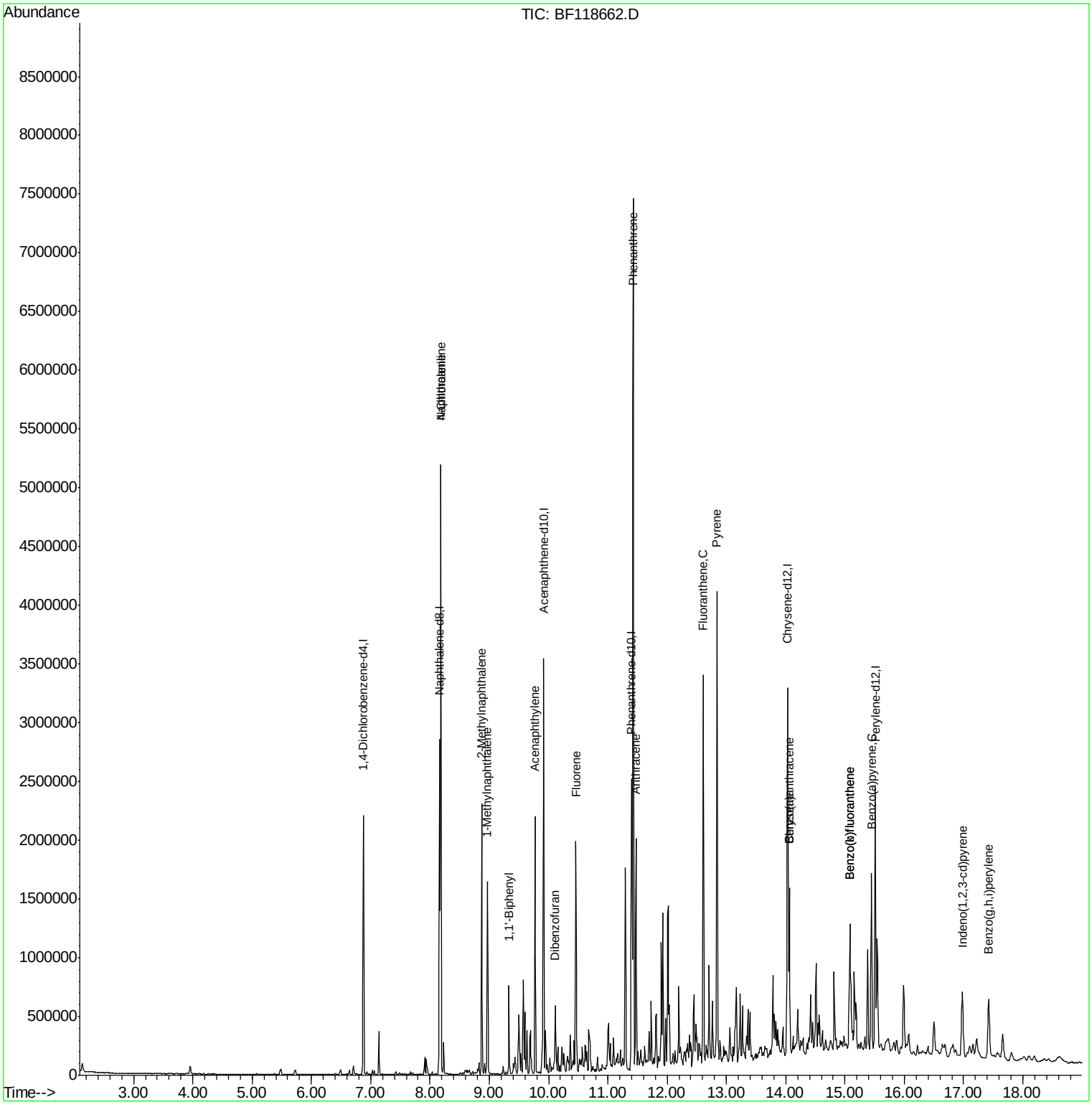
(#) = qualifier out of range (m) = manual integration (+) = signals summed

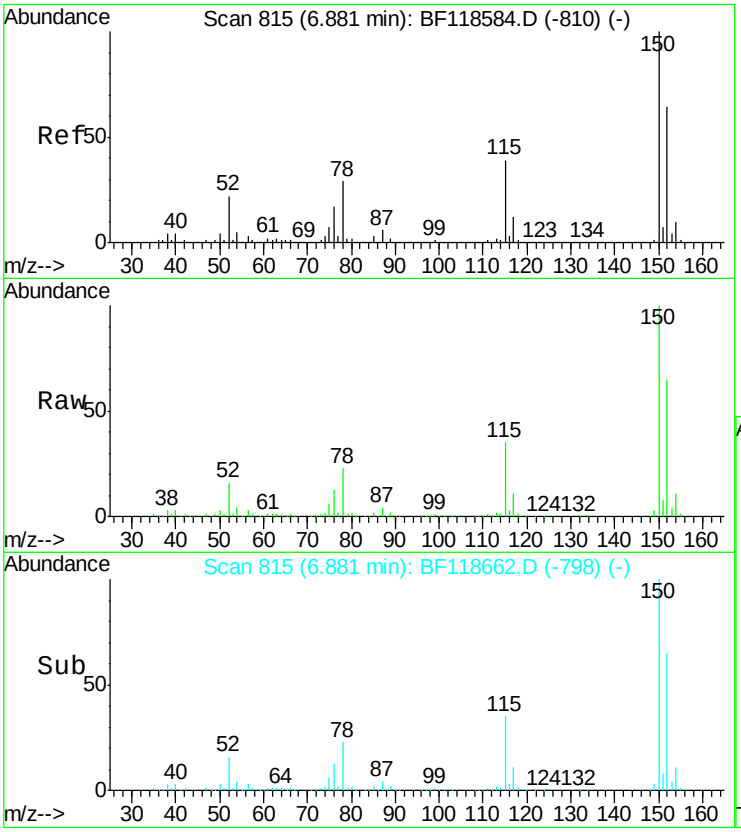
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118662.D
Acq On : 22 Jan 2020 12:36
Operator : CG/JU
Sample : L1148-16DL 200X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 22 13:10:58 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



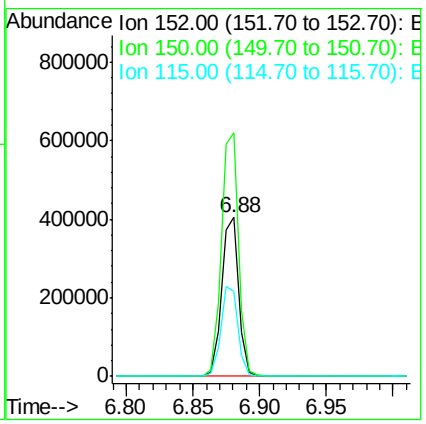


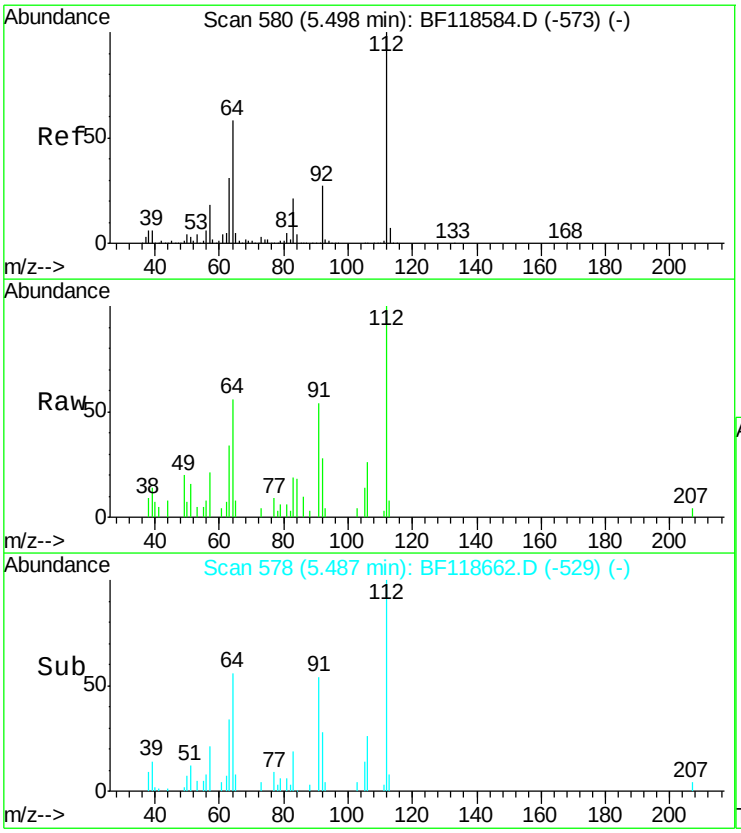
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 365885

Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.6	188.4
115	53.3	48.4	72.6

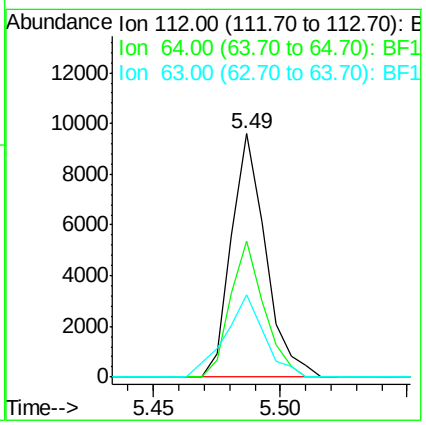


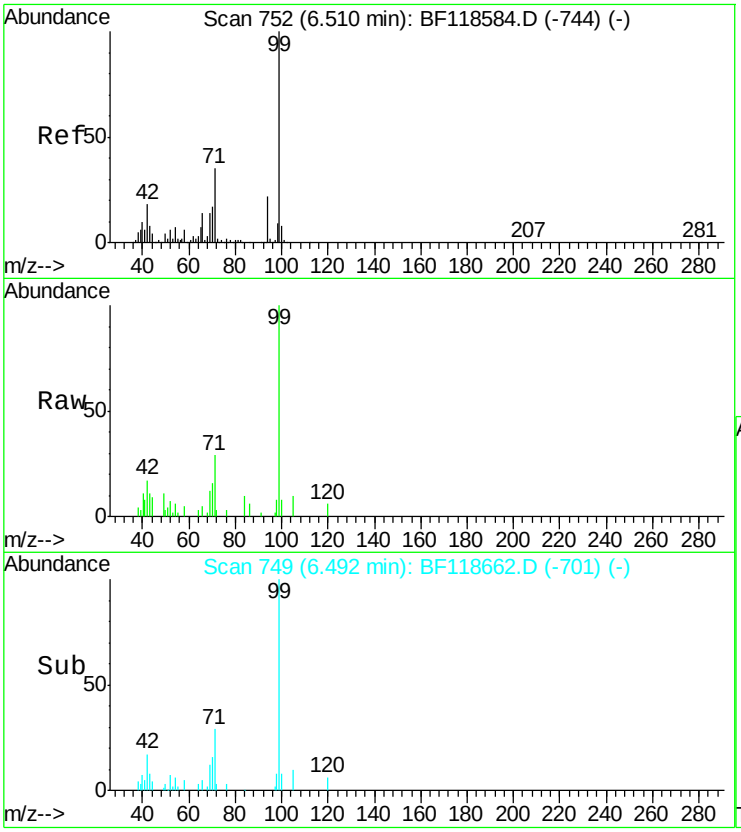


#5
2-Fluorophenol
Concen: 0.459 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:112 Resp: 9035

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.6	70.0
63	34.0	25.1	37.7



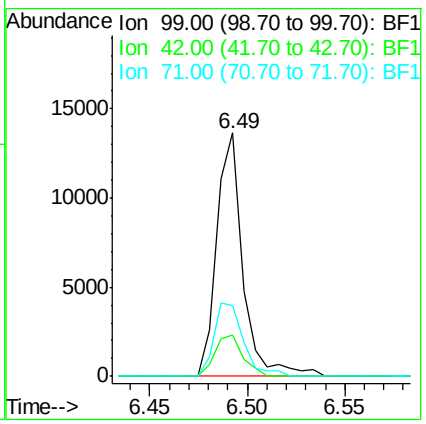


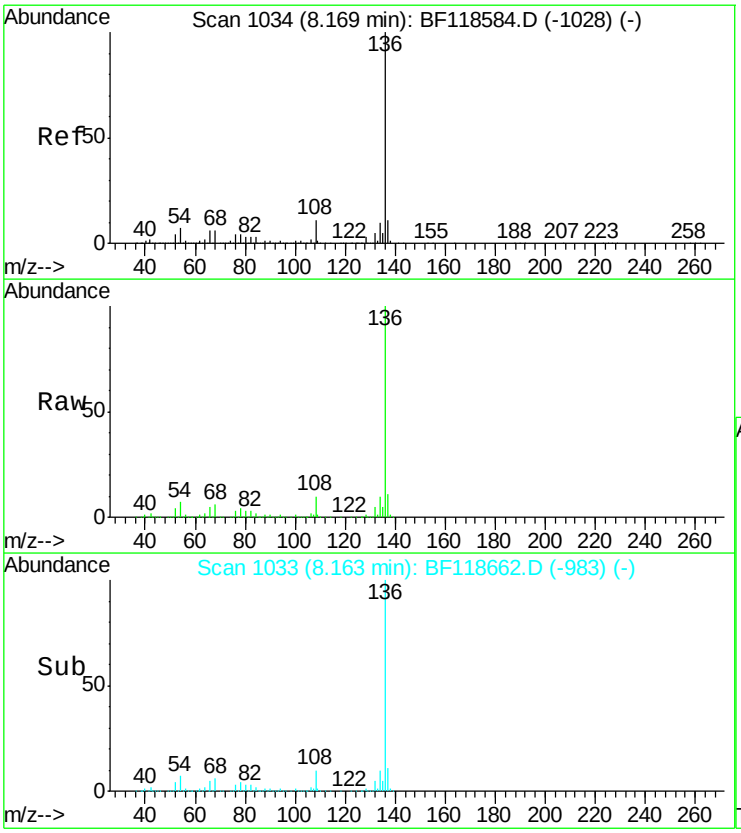
#7
Phenol-d6
Concen: 0.494 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 12655

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.2	21.2
71	29.1	27.8	41.6

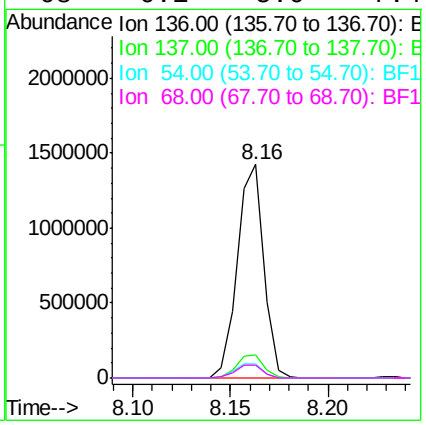


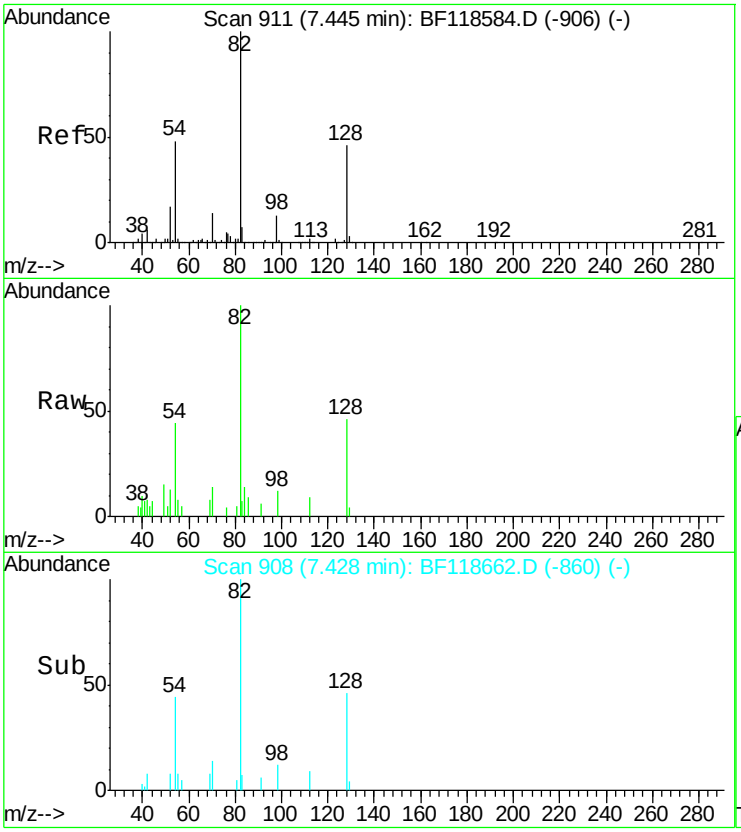


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:136 Resp: 1334622

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	5.8	8.6
68	6.1	5.0	7.4



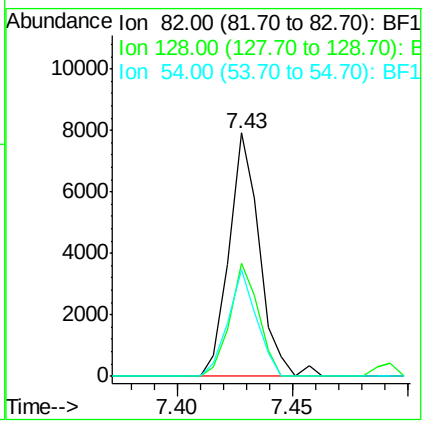


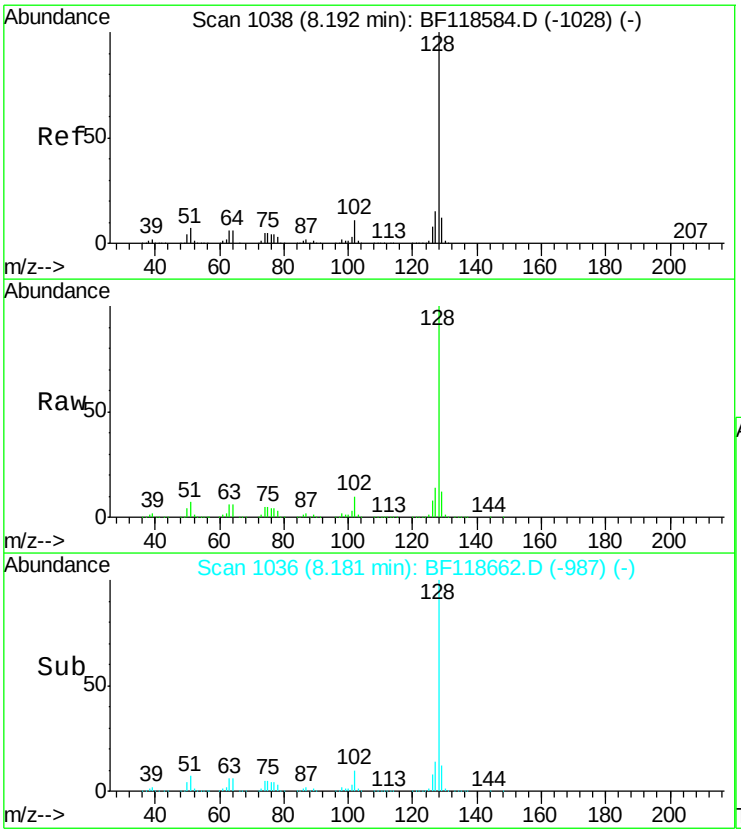
#23
Nitrobenzene-d5
Concen: 0.304 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 7264

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.6	54.8
54	43.6	38.0	57.0

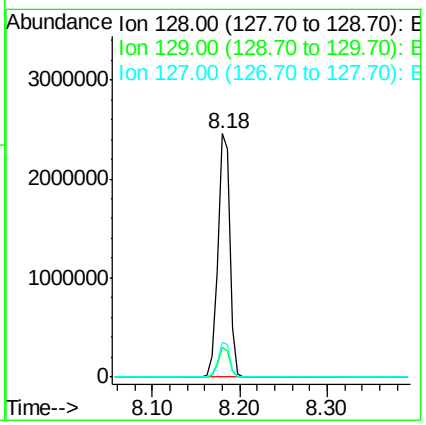


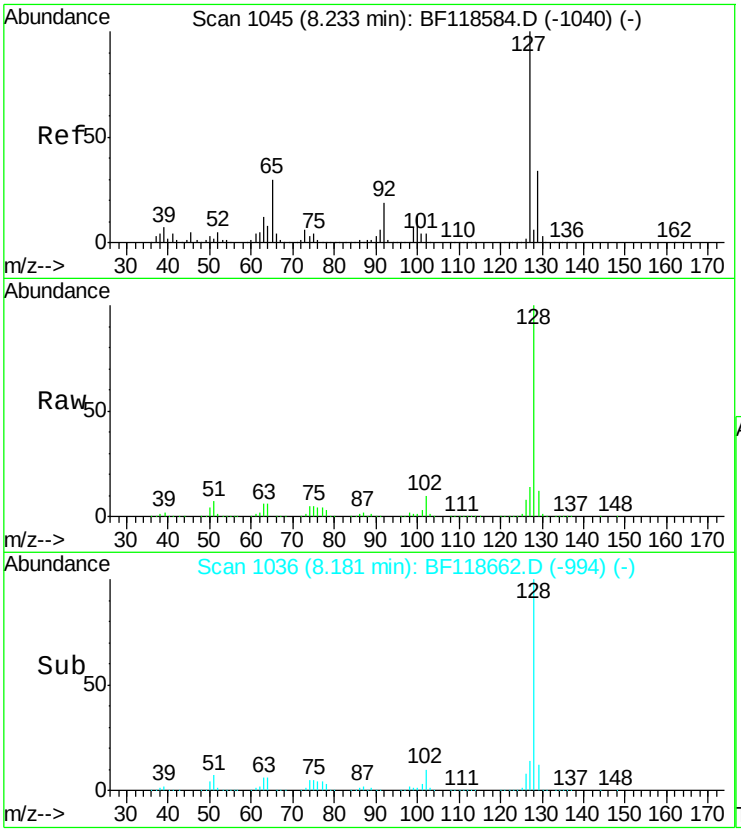


#31
Naphthalene
Concen: 38.780 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:128 Resp: 2338006

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.9	14.9
127	14.2	12.0	18.0



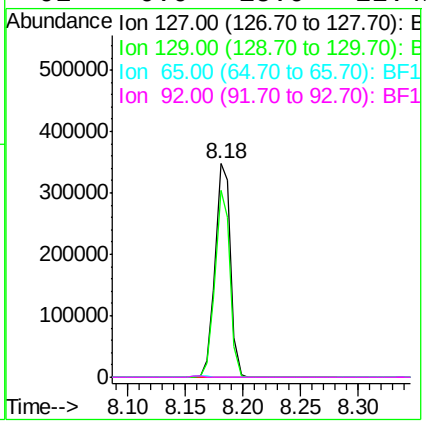


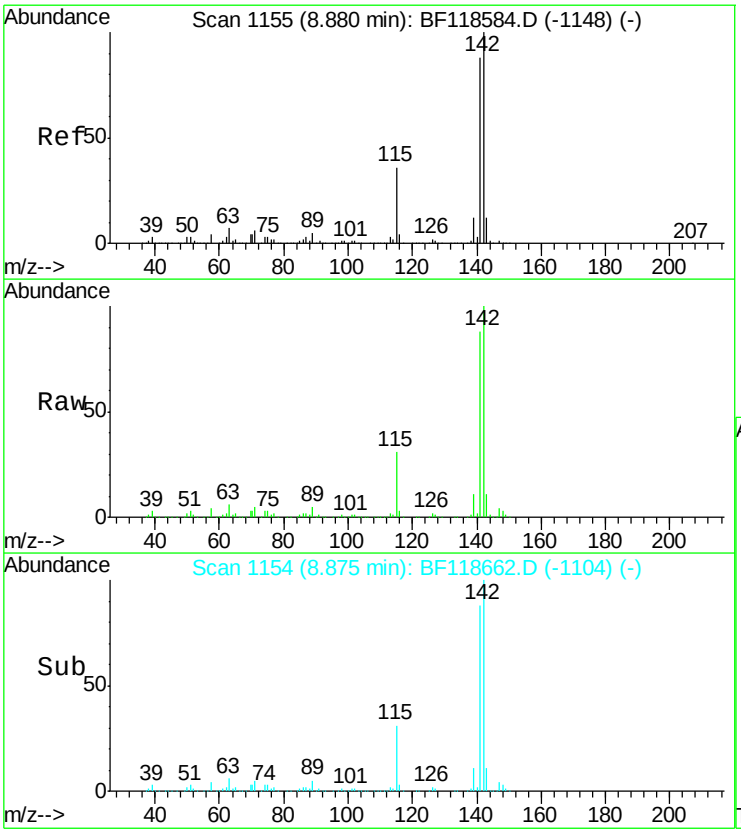
#33
4-Chloroaniline
Concen: 11.600 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 323238

Ion	Ratio	Lower	Upper
127	100		
129	87.7	27.4	41.0#
65	0.0	23.6	35.4#
92	0.0	15.0	22.4#

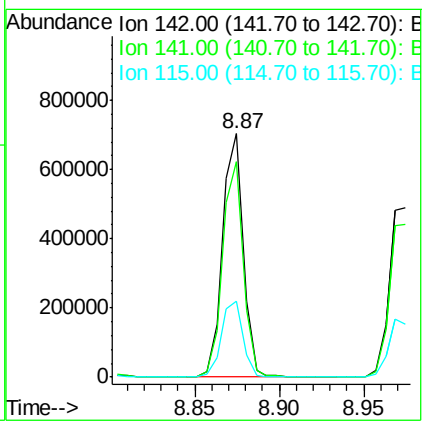


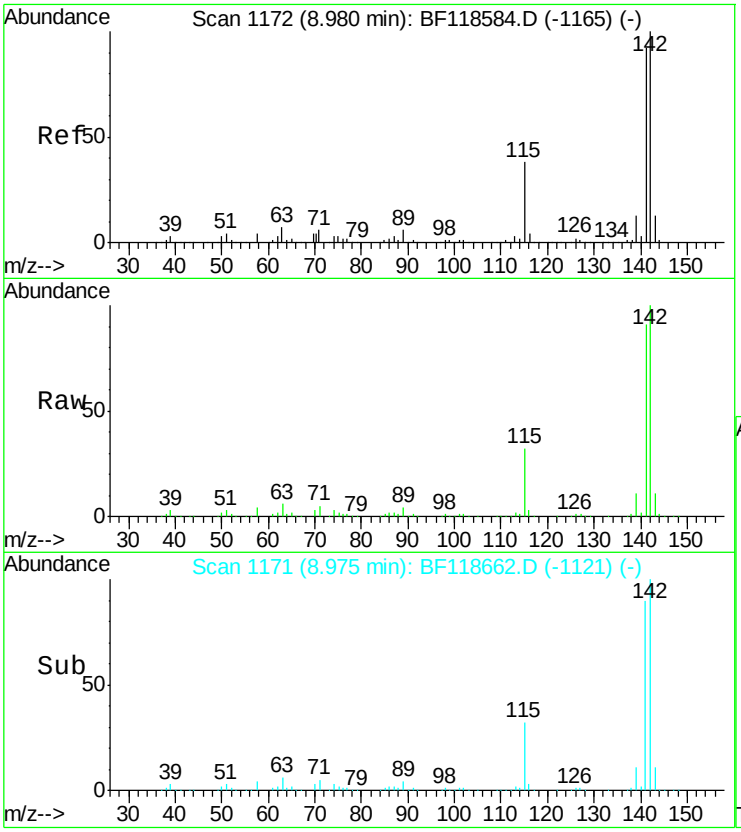


#37
2-Methylnaphthalene
Concen: 14.181 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:142 Resp: 603465

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1
115	31.3	28.5	42.7



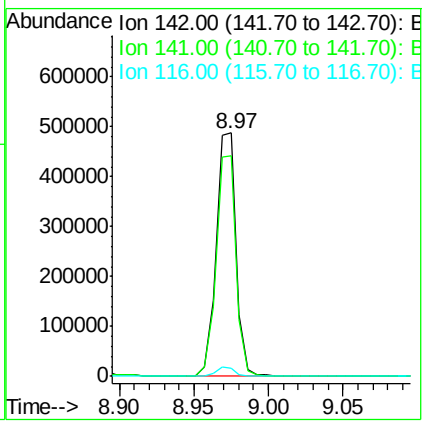


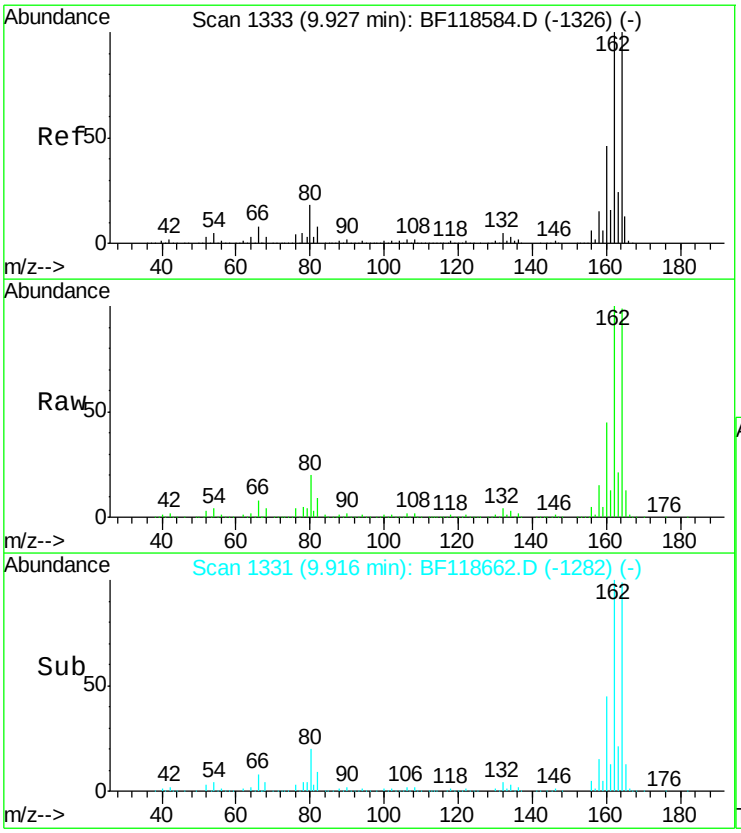
#38
1-Methylnaphthalene
Concen: 11.273 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 455784

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2
116	3.4	3.3	4.9

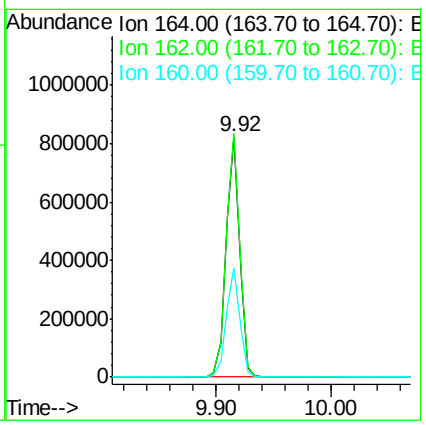


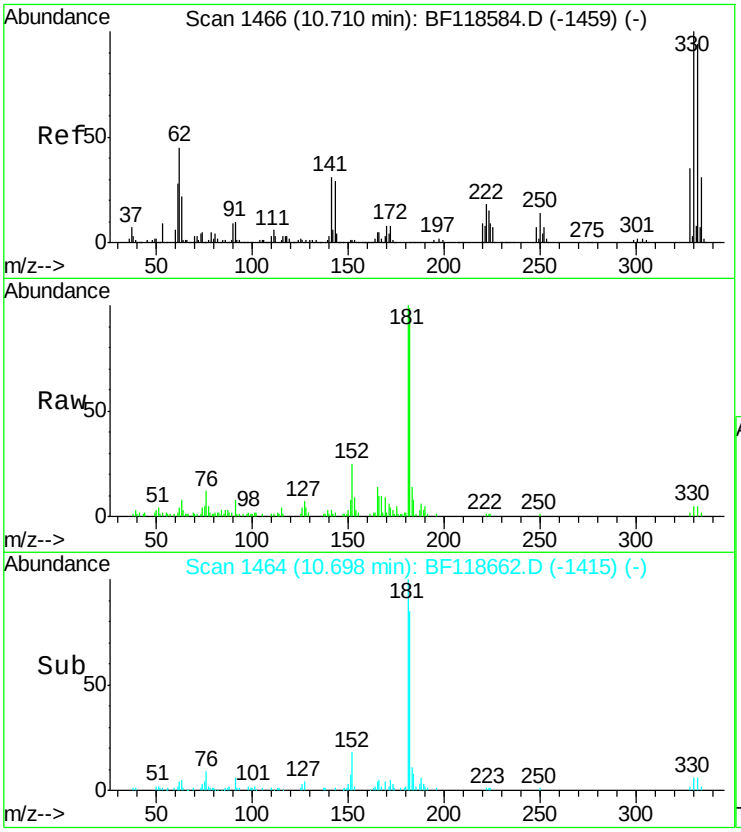


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:164 Resp: 666804

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.4	120.6
160	45.5	36.6	55.0



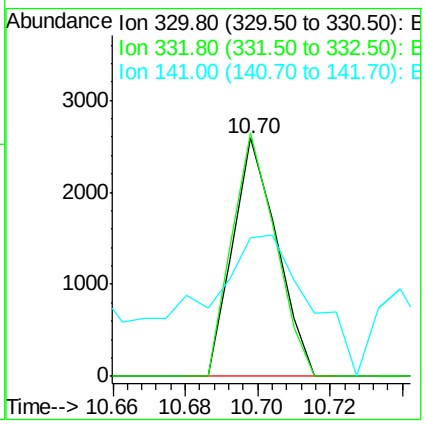


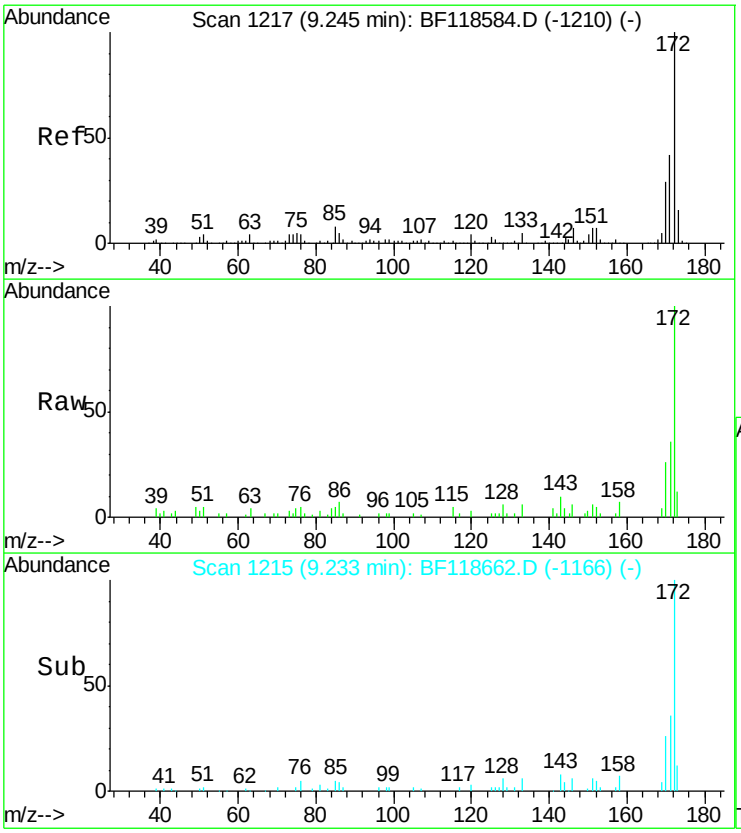
#42
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 2188

Ion	Ratio	Lower	Upper
330	100		
332	101.1	76.2	114.4
141	131.7	23.9	35.9#

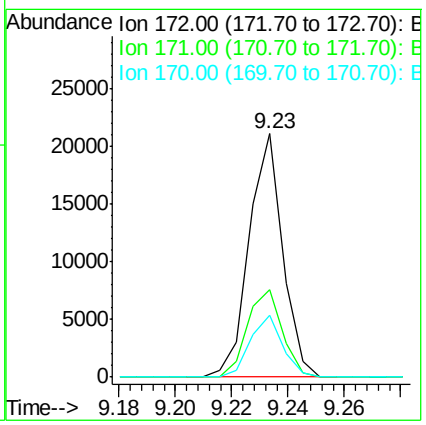


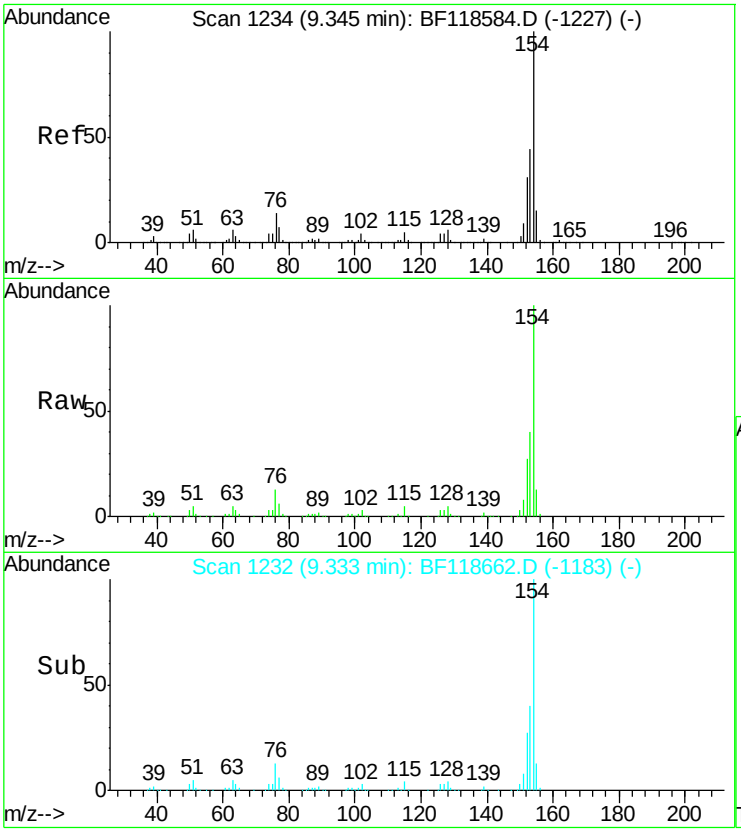


#45
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:172 Resp: 17441

Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.4	50.2
170	25.5	23.2	34.8



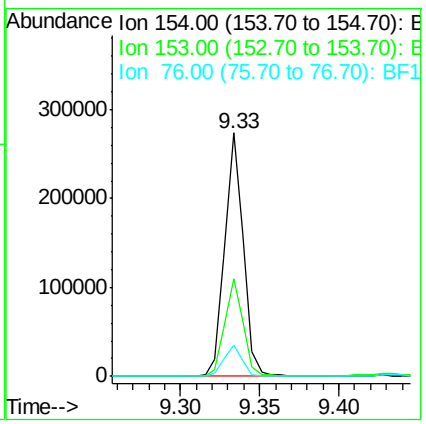


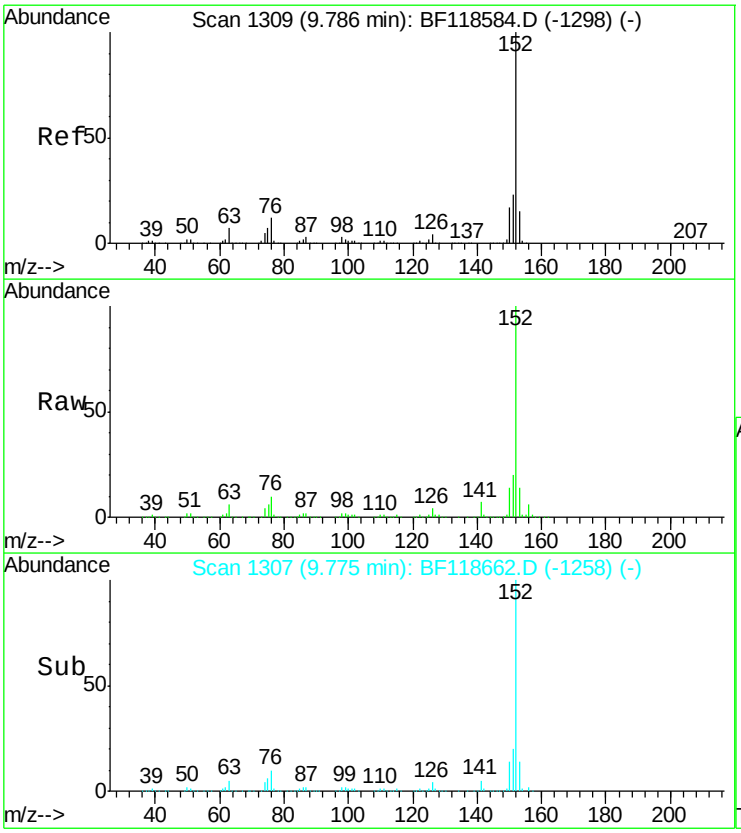
#46
1,1'-Biphenyl
Concen: 4.826 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 221772

Ion	Ratio	Lower	Upper
154	100		
153	40.2	23.8	63.8
76	12.7	0.0	34.3

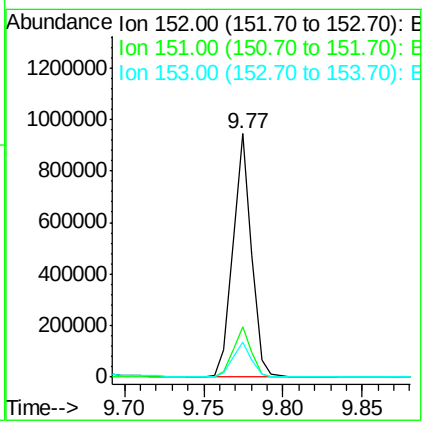


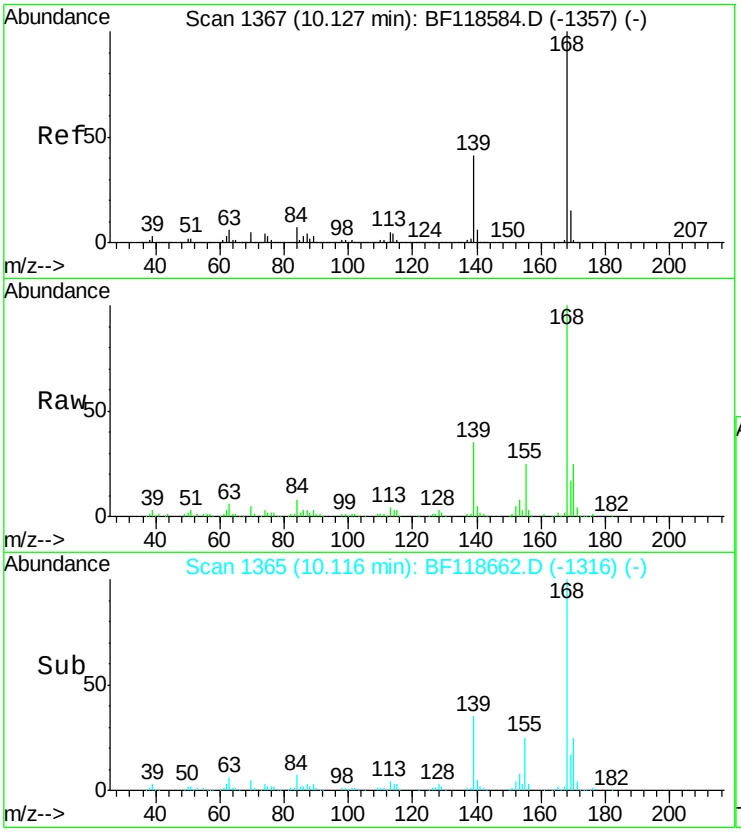


#49
Acenaphthylene
Concen: 14.071 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:152 Resp: 766785

Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.6	27.8
153	14.2	12.2	18.4



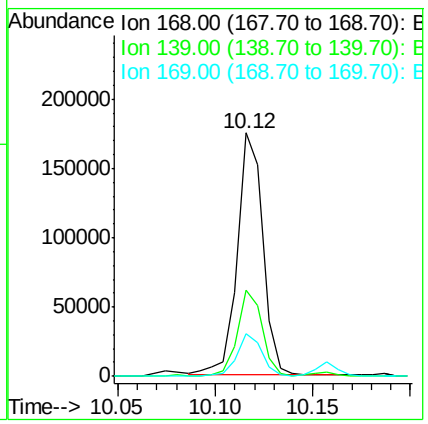


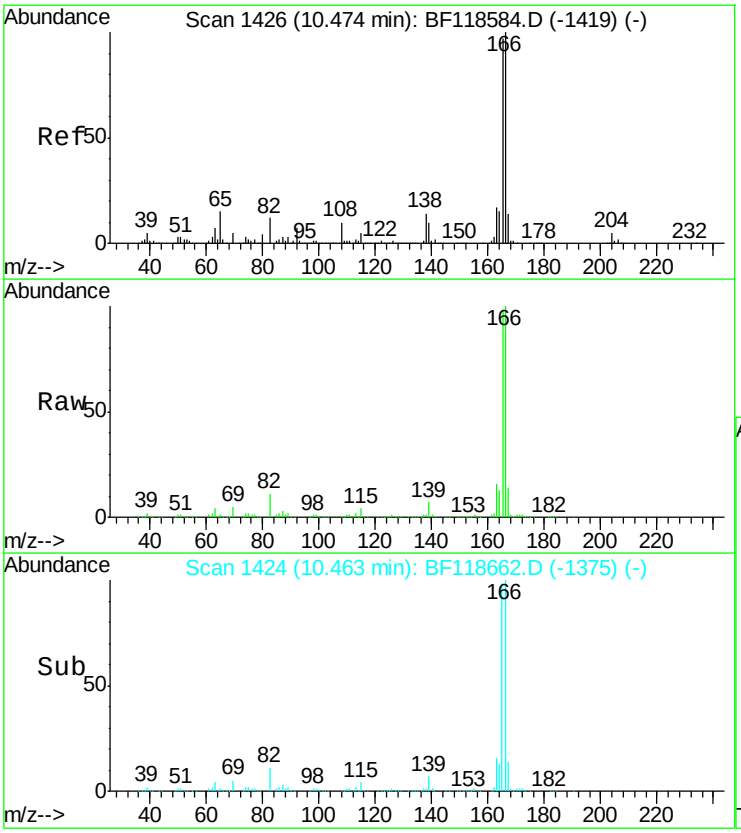
#55
Dibenzofuran
Concen: 3.150 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 159044

Ion	Ratio	Lower	Upper
168	100		
139	35.3	32.7	49.1
169	17.3	12.2	18.2

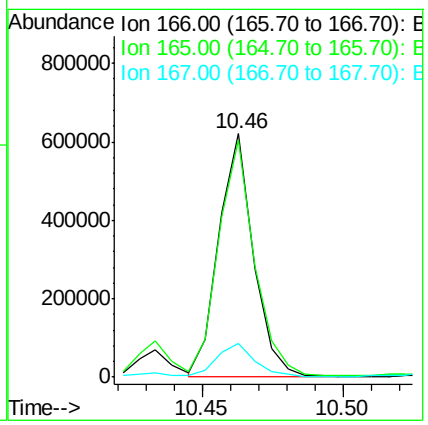


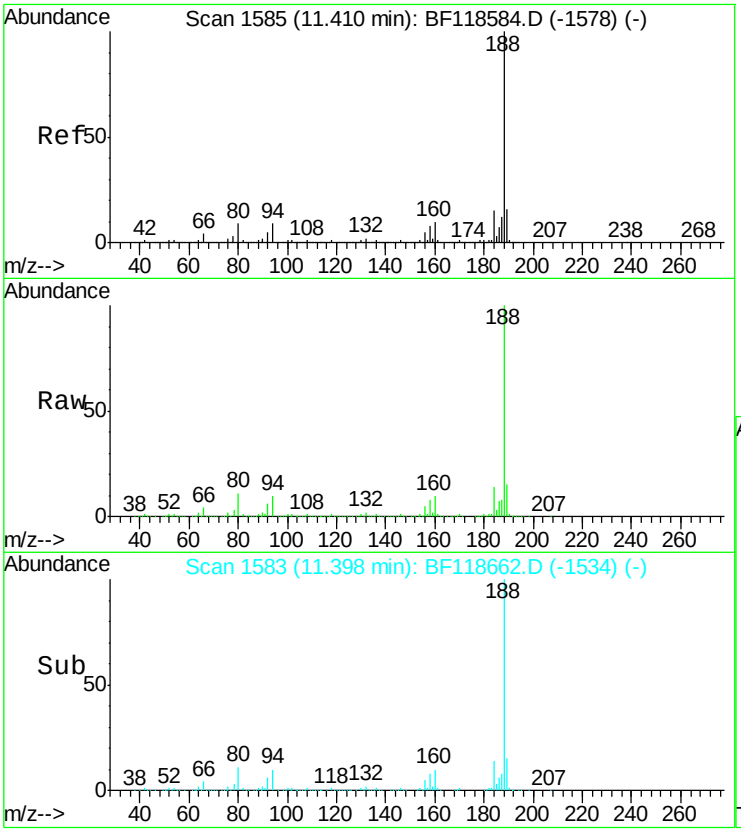


#58
Fluorene
Concen: 13.359 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:166 Resp: 529586

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.3	115.9
167	13.8	11.5	17.3



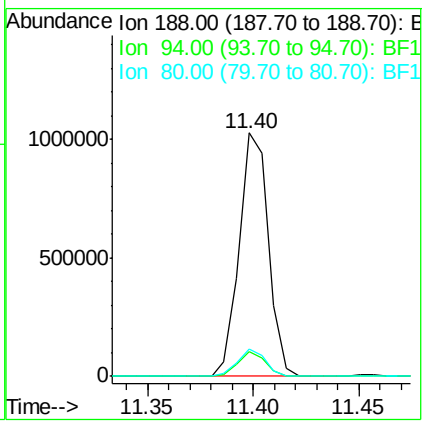


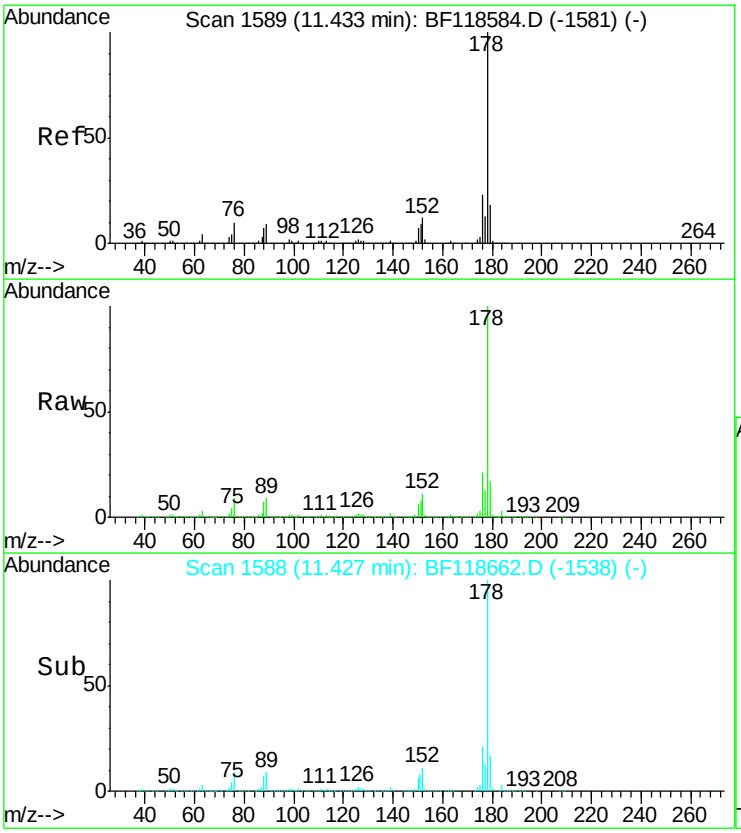
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 985593

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.1	10.7
80	11.3	7.5	11.3#

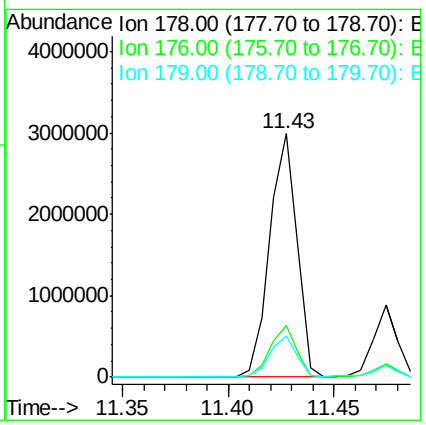


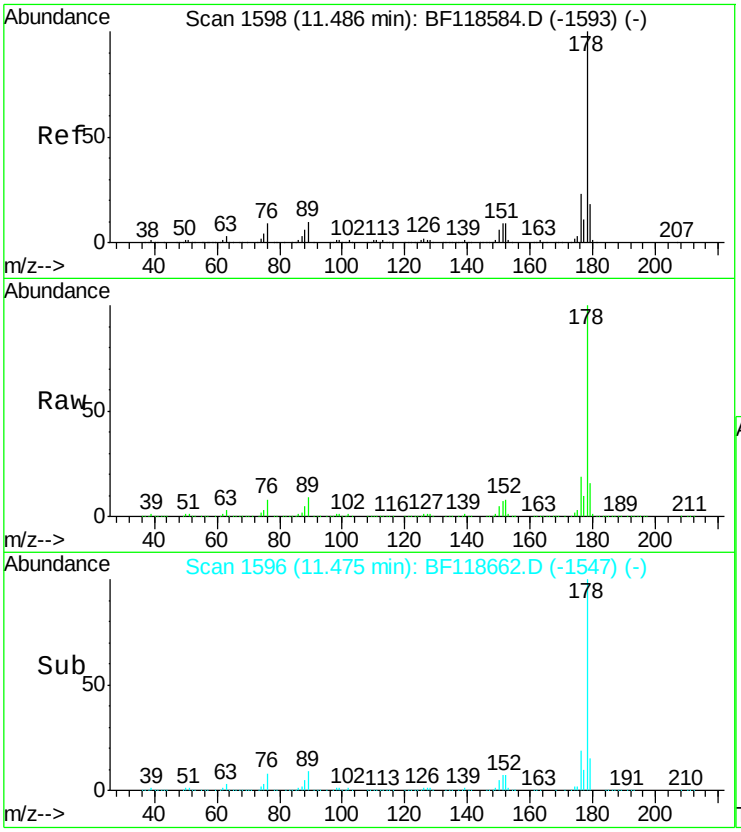


#71
Phenanthrene
Concen: 56.487 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:178 Resp: 2685899

Ion	Ratio	Lower	Upper
178	100		
176	21.2	18.6	27.8
179	16.9	14.7	22.1



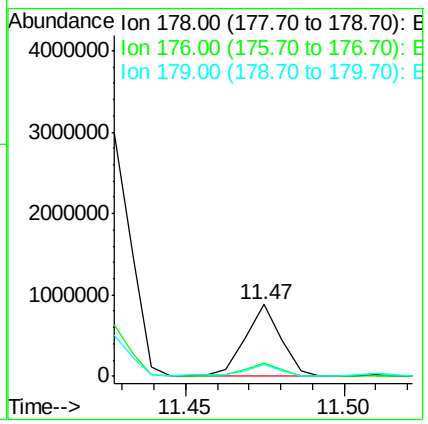


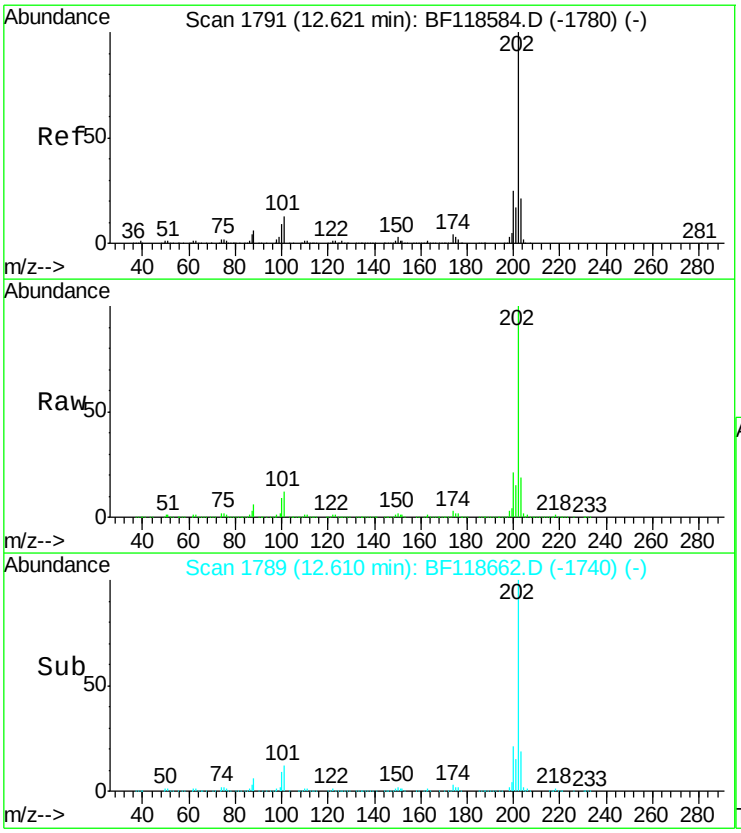
#72
Anthracene
Concen: 14.279 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 671820

Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.0	27.0
179	15.8	14.7	22.1

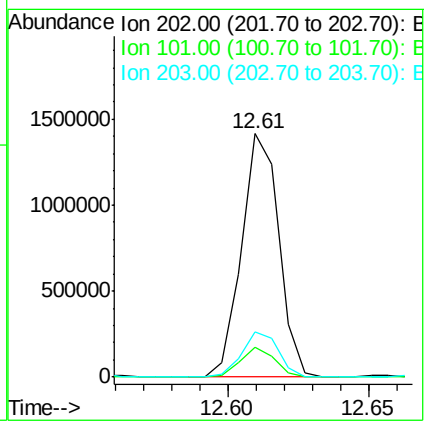


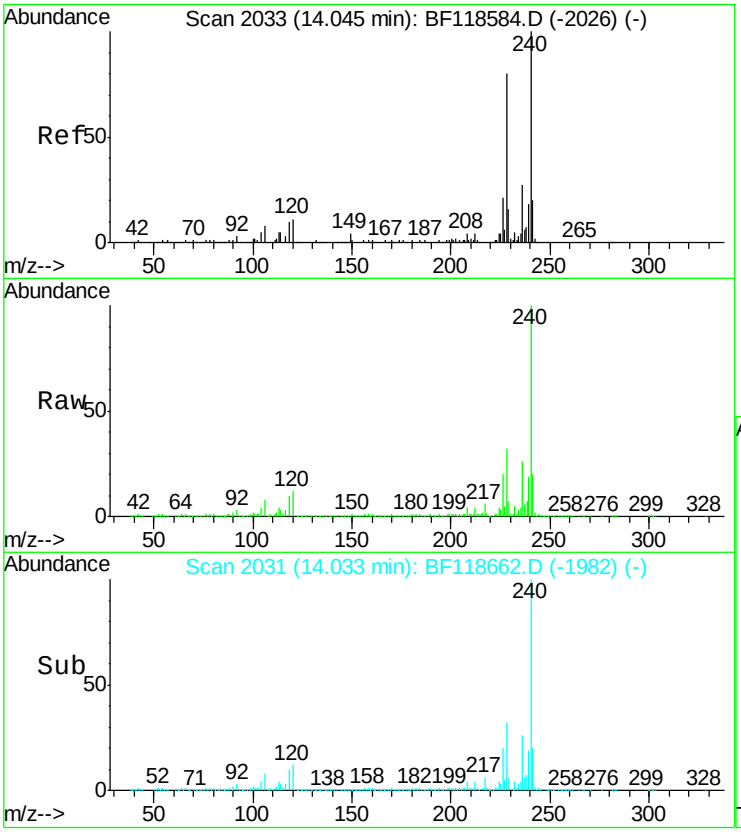


#75
Fluoranthene
Concen: 25.835 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:202 Resp: 1295659

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.5
203	18.8	0.8	40.8



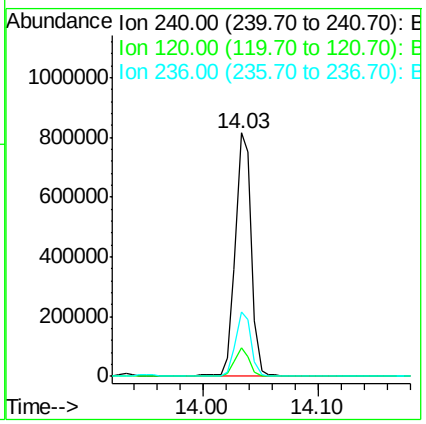


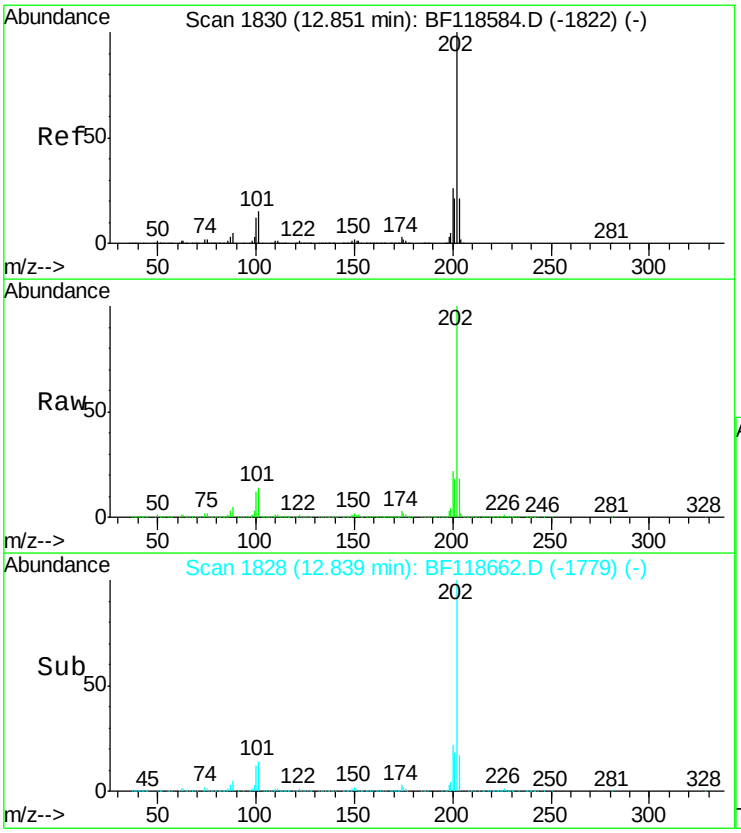
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 781997

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	26.2	21.5	32.3

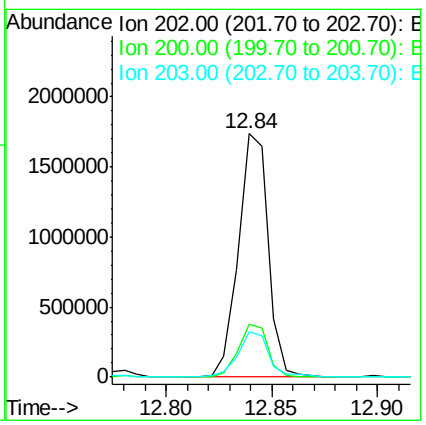


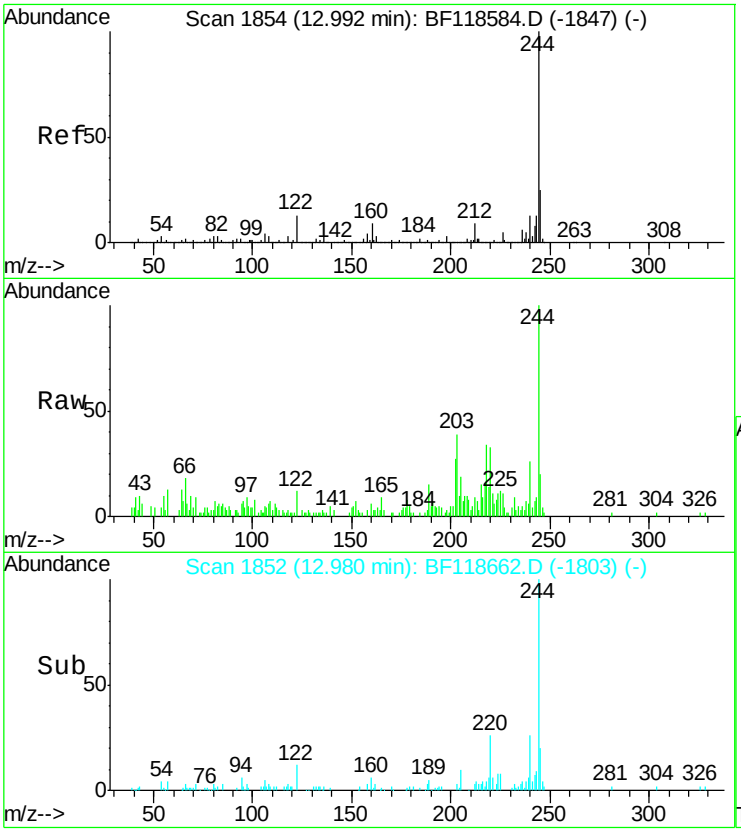


#78
Pyrene
Concen: 31.783 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:202 Resp: 1687389

Ion	Ratio	Lower	Upper
202	100		
200	21.8	20.6	31.0
203	18.3	16.8	25.2



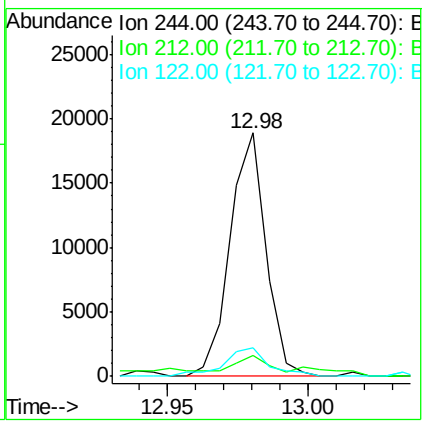


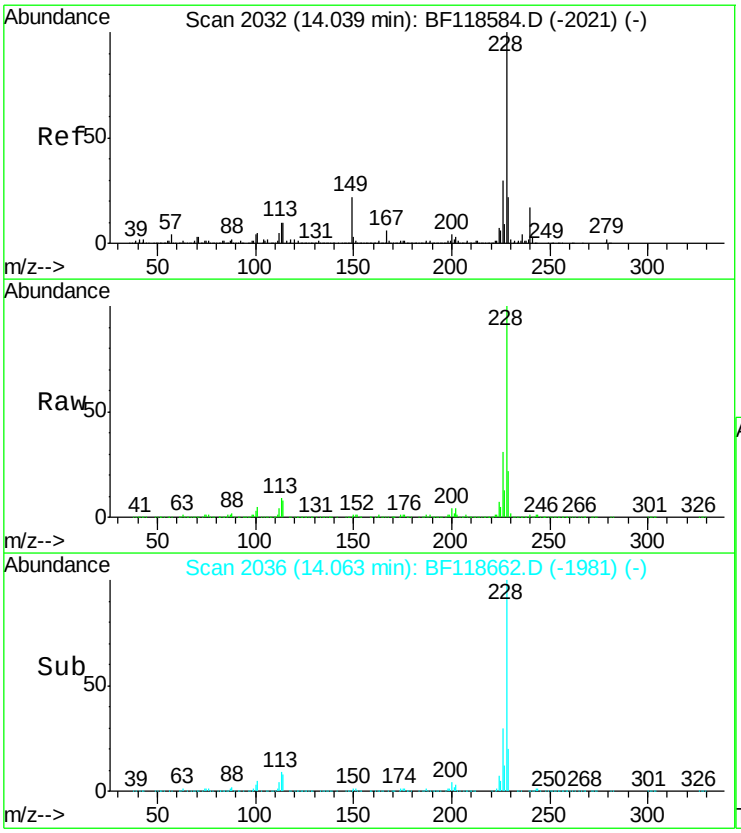
#79
Terphenyl-d14
Concen: 0.467 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 16728

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	11.5	10.7	16.1

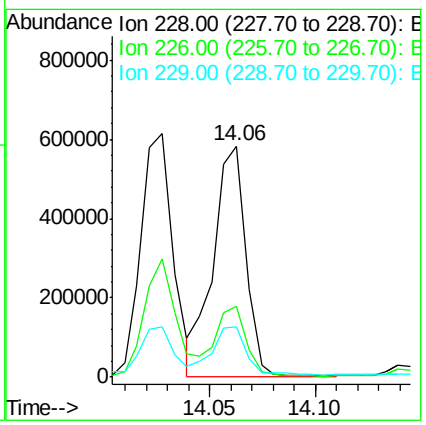


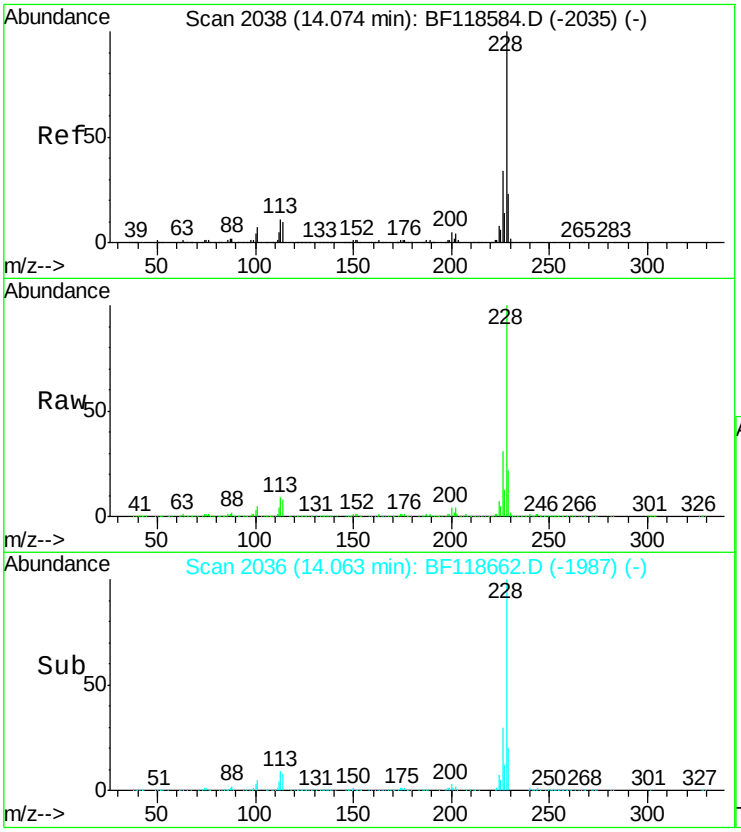


#81
Benzo(a)anthracene
Concen: 13.249 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:228 Resp: 623258

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	21.7	17.6	26.4



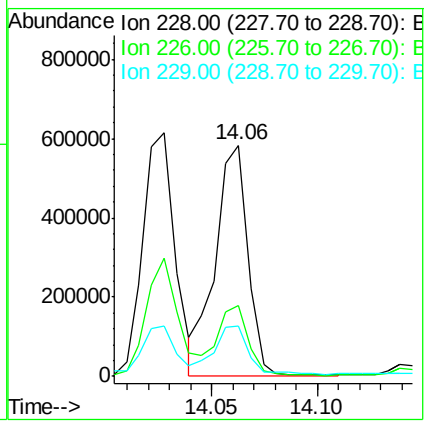


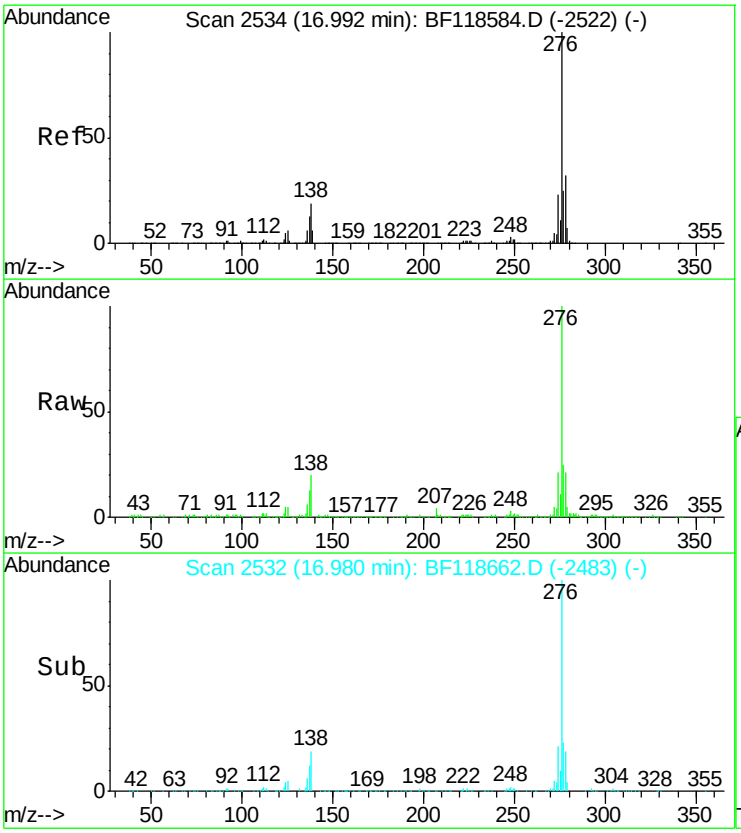
#83
Chrysene
Concen: 13.824 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 623258

Ion	Ratio	Lower	Upper
228	100		
226	30.7	27.4	41.0
229	21.7	18.3	27.5

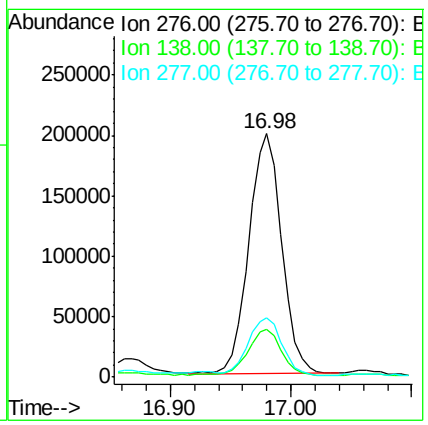


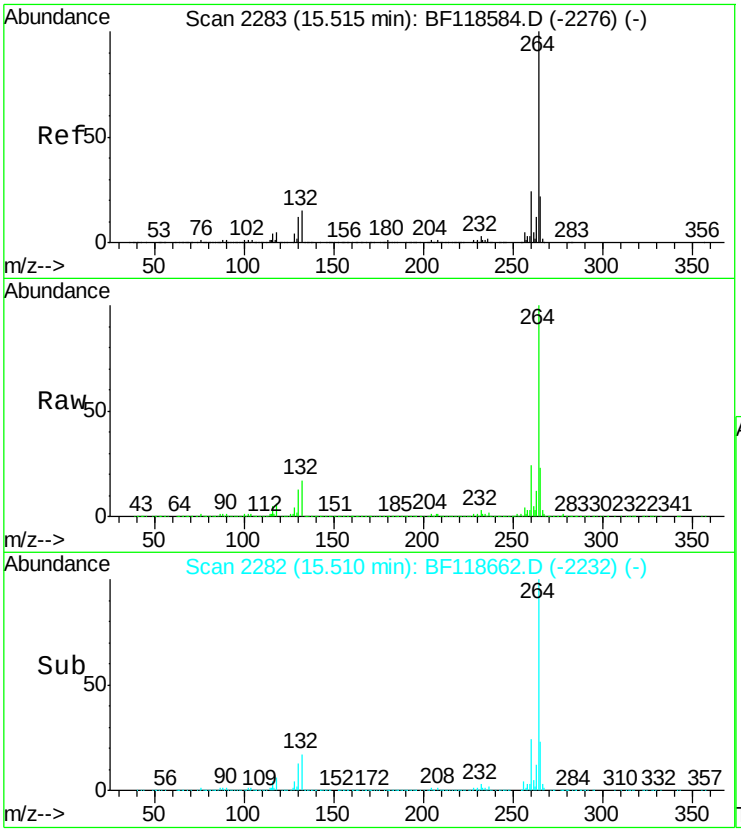


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.600 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:276 Resp: 376078

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



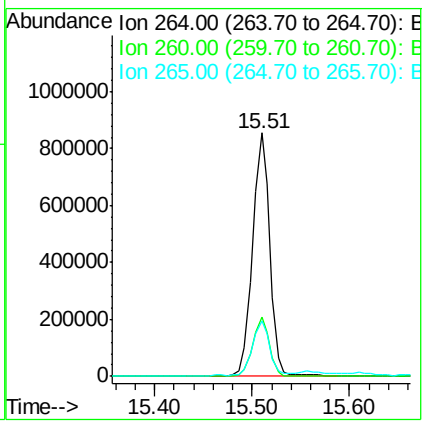


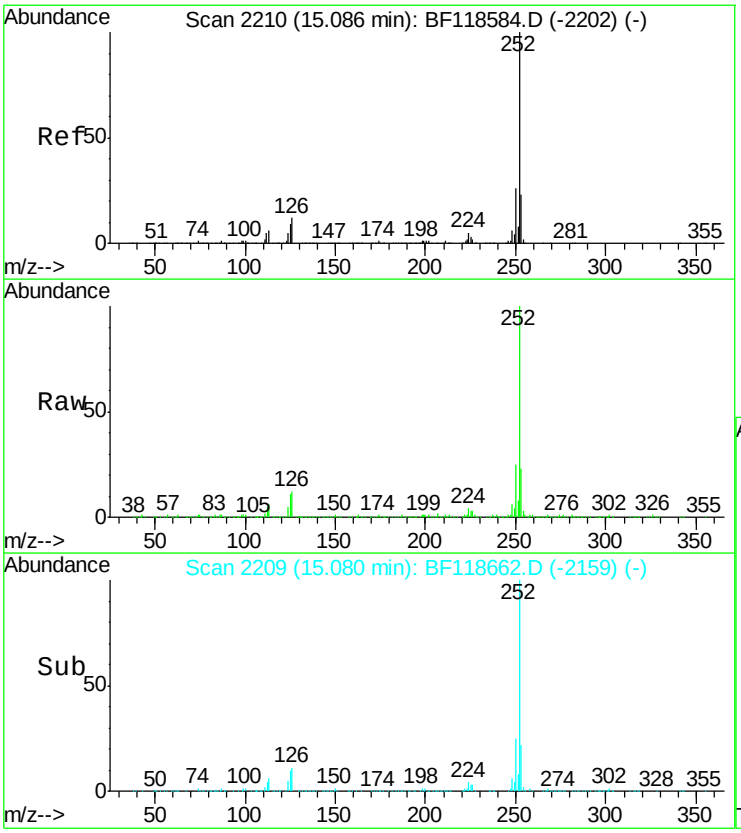
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 1066872

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.7	17.7	26.5

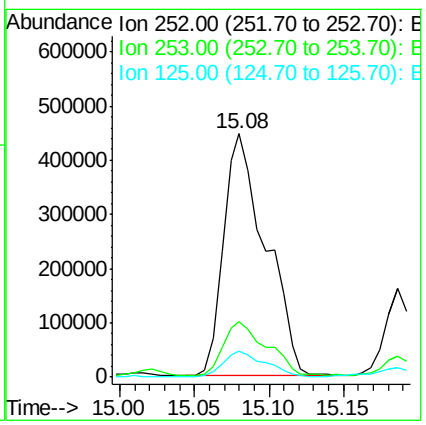


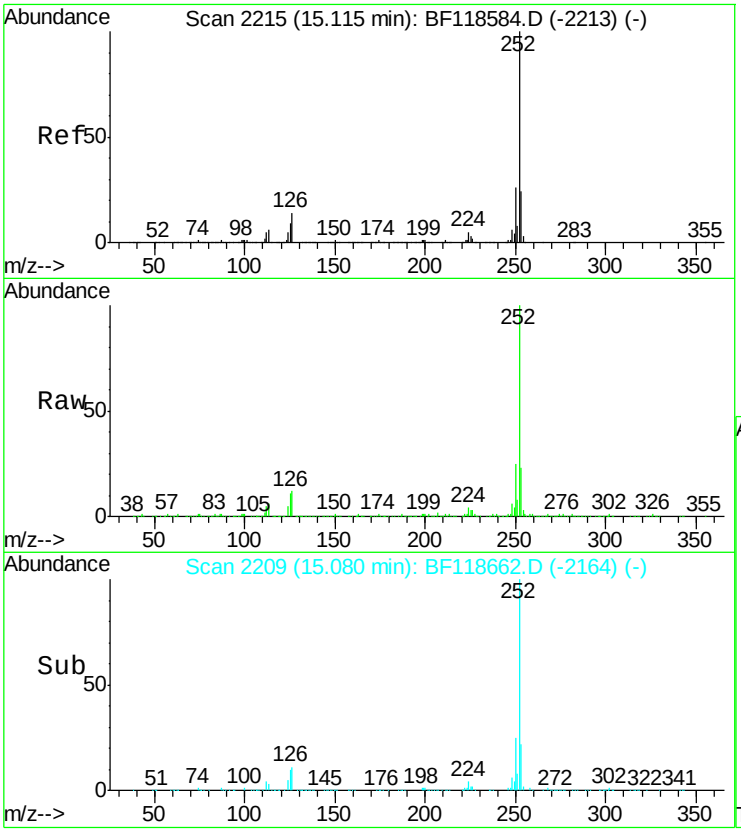


#88
Benzo(b)fluoranthene
Concen: 13.149 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:252 Resp: 881759

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	10.6	7.3	10.9



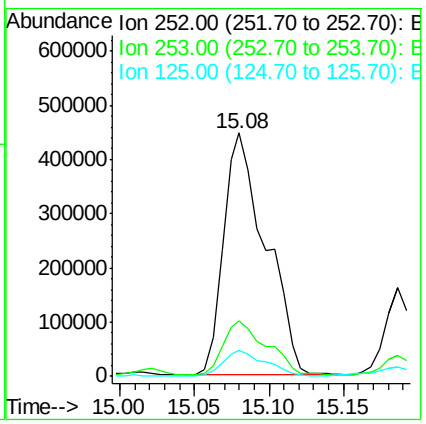


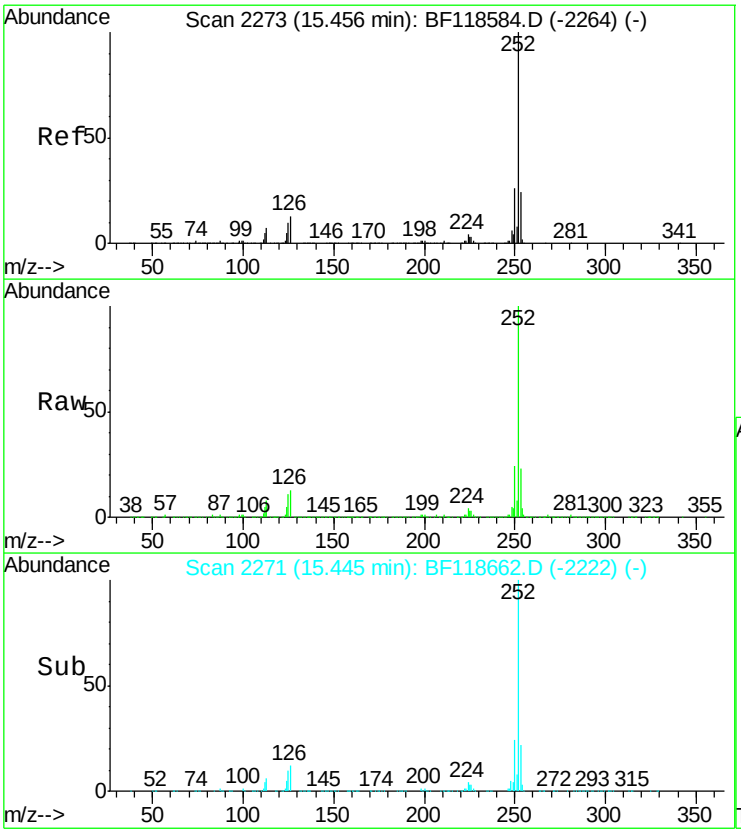
#89
Benzo(k)fluoranthene
Concen: 14.192 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 881759

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	10.6	7.6	11.4

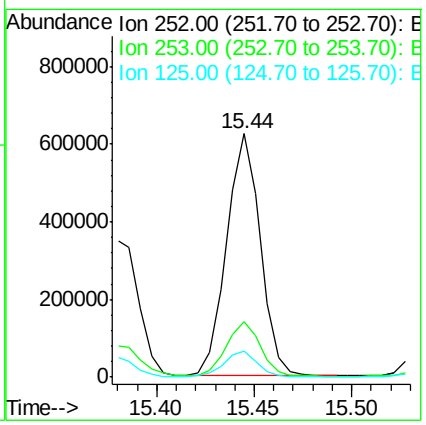


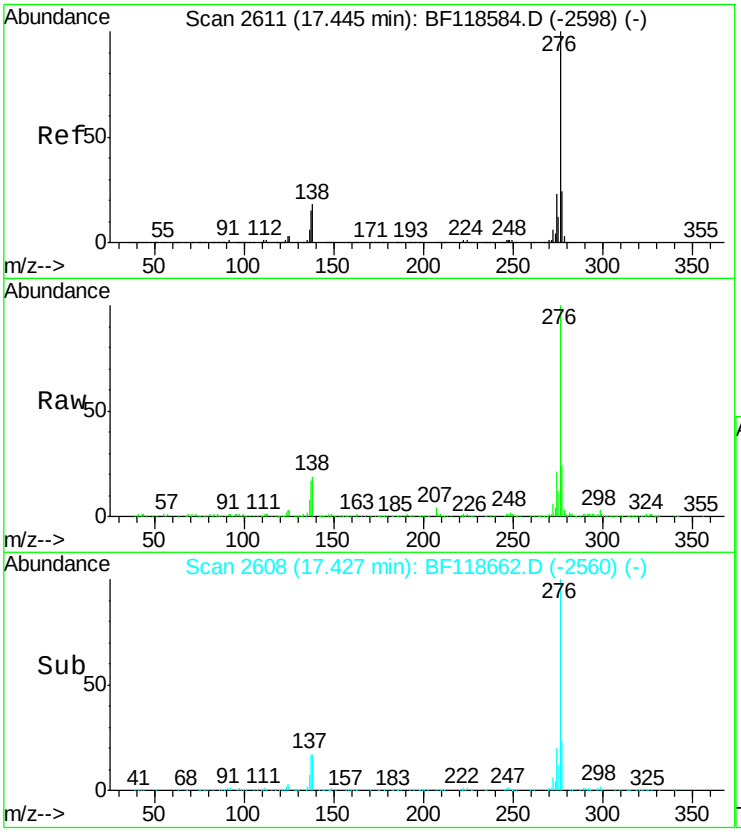


#90
Benzo(a)pyrene
Concen: 12.864 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Tgt Ion:252 Resp: 744168

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.8	28.2
125	10.8	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 8.660 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF118662.D
Acq: 22 Jan 2020 12:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 430274

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	18.8	14.4	21.6