Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12B

Quant Time: Aug 14 01:11:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	217601	20.00	ng		0.01
21) Naphthalene-d8	8.31	136	799893	20.00	ng		0.00
38) Acenaphthene-d10	10.08	164	366359	20.00	ng		0.01
63) Phenanthrene-d10	11.58	188	670828	20.00	ng		0.02
75) Chrysene-d12	14.24	240	509121	20.00	ng		0.02
86) Perylene-d12	15.82	264	369477	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	99148	8.25	ng		0.00
7) Phenol-d6	6.63	99	137828	8.63	ng		0.00
23) Nitrobenzene-d5	7.58	82	78071	5.45	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	20976	5.74	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	161353	7.07	ng		0.00
78) Terphenyl-d14	13.16	244	156565	7.82	ng		0.01
Target Compounds							Qvalue
25) Isophorone	7.58	82	78090	2.858	ng	#	64
31) Naphthalene	8.33	128	301286	8.282	ng		98
33) 4-Chloroaniline	8.33	127	38244	2.412	ng	#	29
37) 2-Methylnaphthalene	9.02	142	57679	2.241	ng		98
50) 2,6-Dinitrotoluene	10.07	165	49960	9.357	ng	#	26
51) Acenaphthene	10.11	154	355925	17.217	ng		99
54) Dibenzofuran	10.28	168	218502	7.296	ng		99
57) Fluorene	10.62	166	297390	12.543	ng		97
70) Phenanthrene	11.65	178	942234	29.779	ng		99
71) Anthracene	11.65	178	942234	29.055	ng		100
72) Carbazole	11.80	167	511862	17.765	ng		98
74) Fluoranthene	12.81	202	3261279	94.443	ng		94
77) Pyrene	13.04	202	2907633	90.208	ng		94
80) Benzo(a)anthracene	14.23	228	1436406	49.161	ng		97
82) Chrysene	14.27	228	1137901	42.479	ng		96
85) Indeno(1,2,3-cd)pyrene	17.46	276	384579	16.570	ng	#	87
87) Benzo(b)fluoranthene	15.34	252	1437791	65.124	ng		96
88) Benzo(k)fluoranthene	15.46	252	151955	7.487	ng		95
89) Benzo(a)pyrene	15.75	252	725366	36.690	ng		94
90) Dibenzo(a,h)anthracene	17.47	278	98638	6.030	ng	#	92
91) Benzo(g,h,i)perylene	17.97	276	352181	21.865	ng	#	90

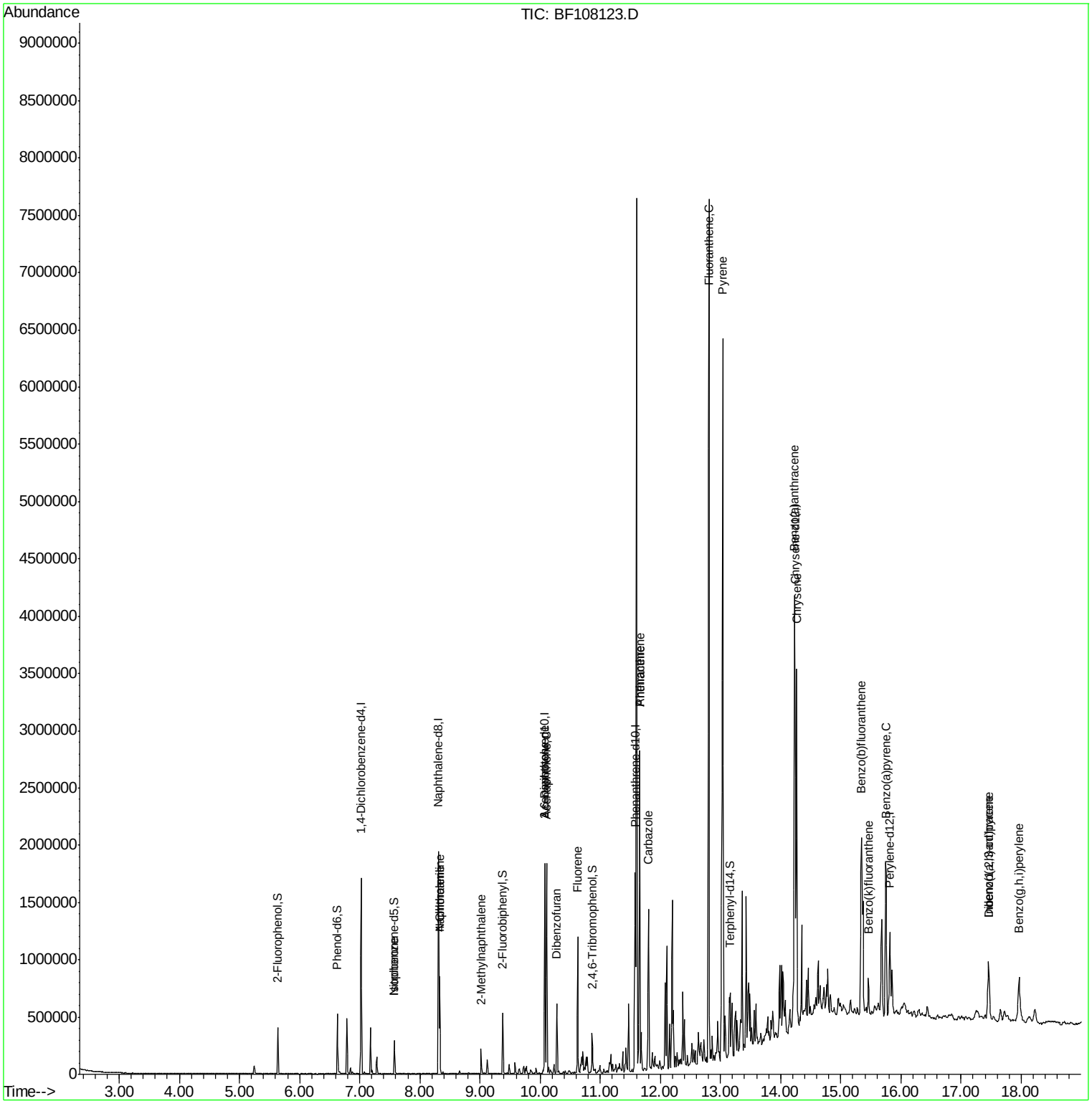
(#) = qualifier out of range (m) = manual integration (+) = signals summed

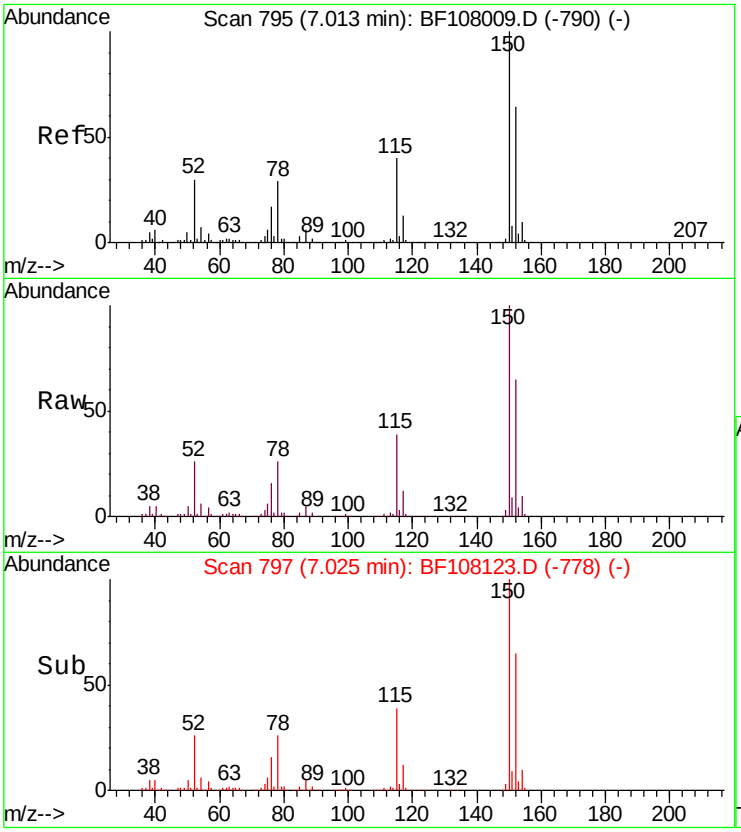
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108123.D
Acq On : 13 Aug 2018 18:26
Operator : JU/SJ
Sample : J4409-11 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Quant Time: Aug 14 01:11:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



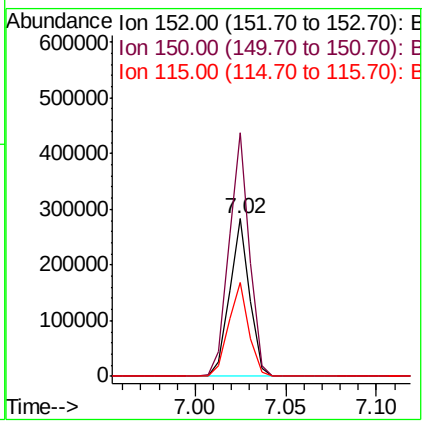


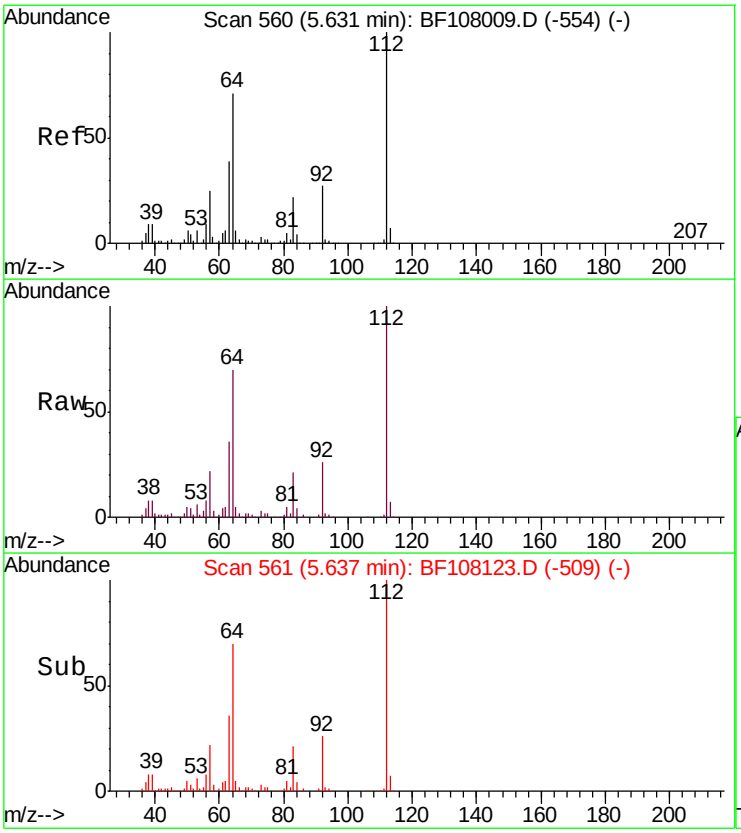
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:152 Resp: 217601

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.7	50.1	75.1

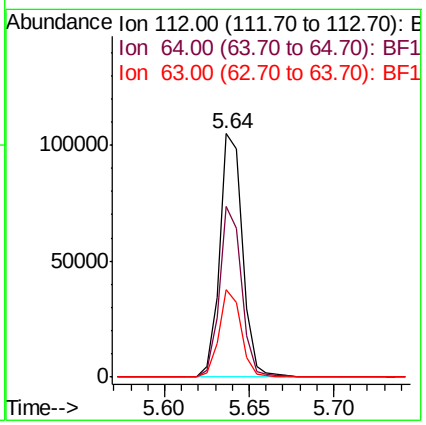


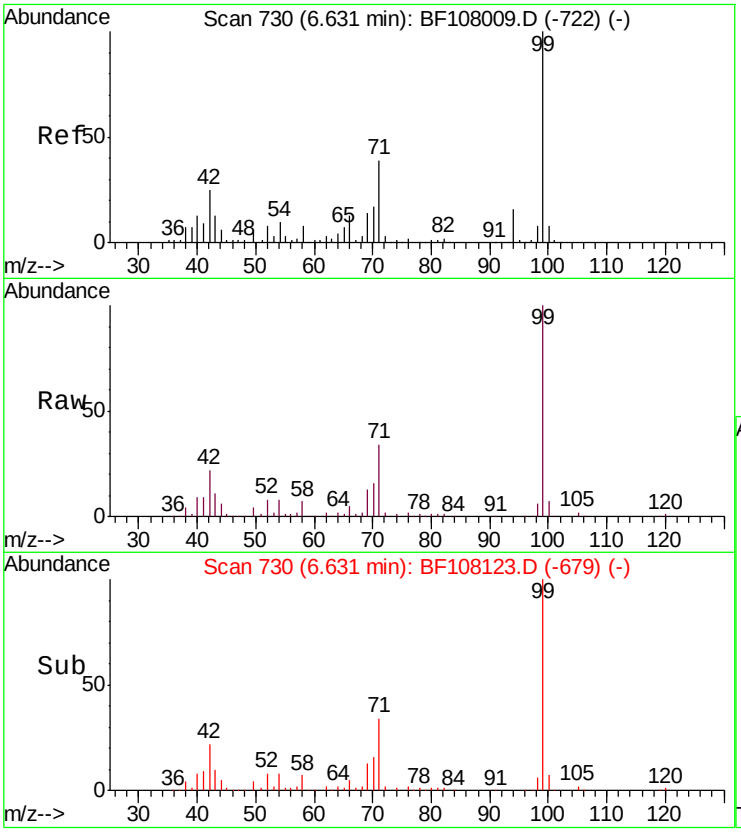


#5
2-Fluorophenol
Concen: 8.249 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:112 Resp: 99148

Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	36.0	23.7	35.5#



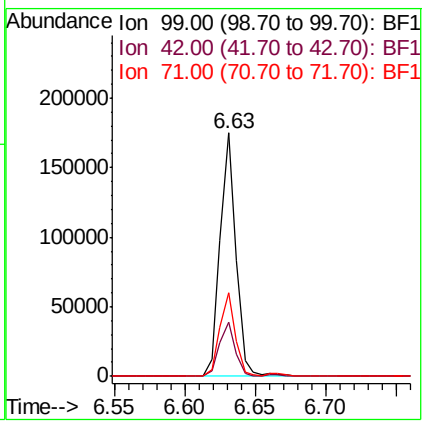


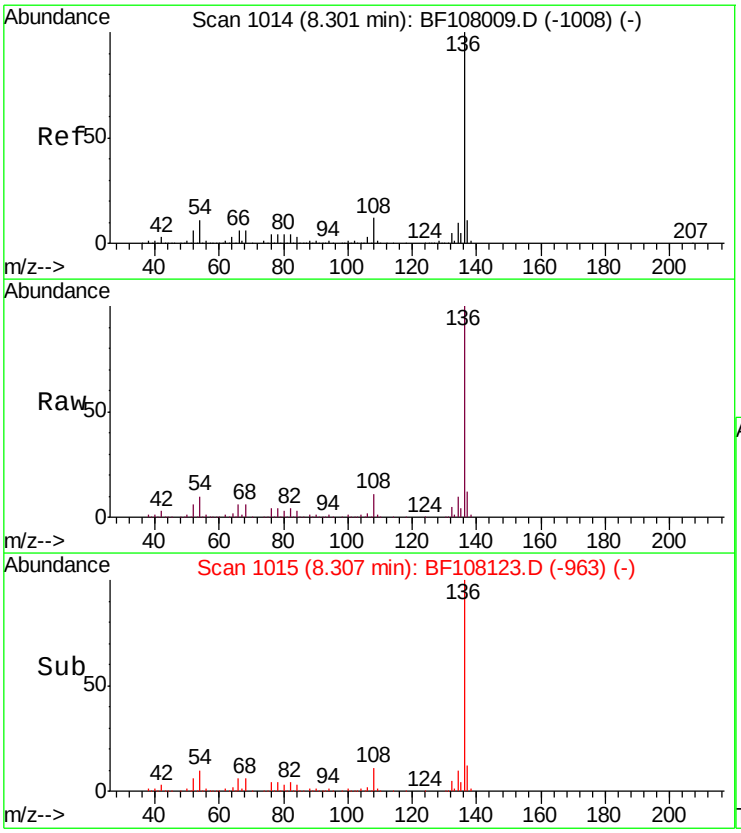
#7
Phenol-d6
Concen: 8.629 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion: 99 Resp: 137828

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	34.4	25.4	38.0

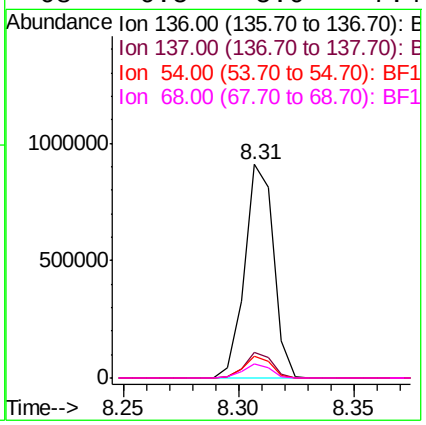


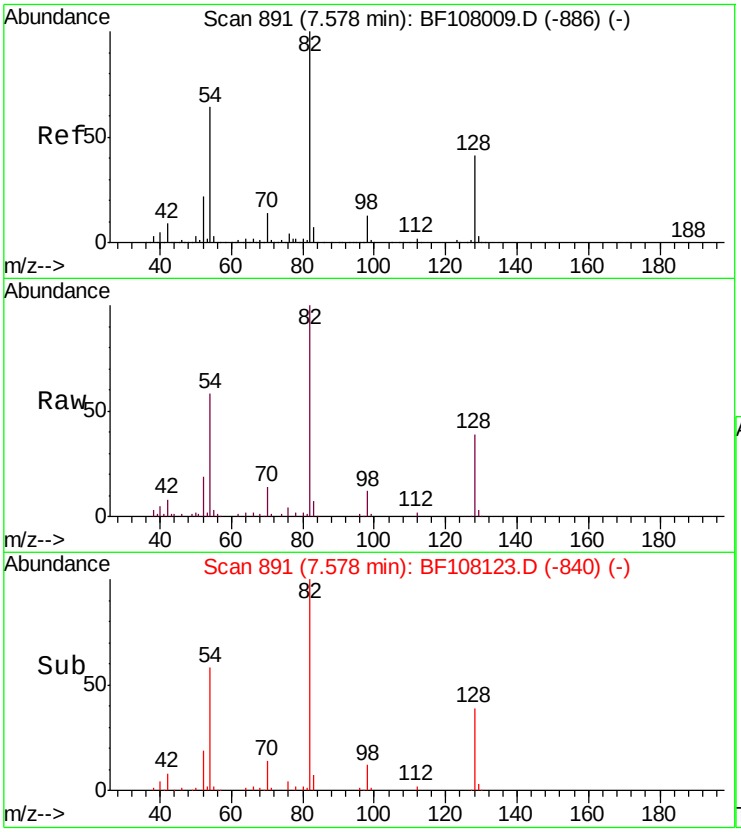


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:136 Resp: 799893

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.5	6.6	9.8#
68	6.5	5.0	7.4



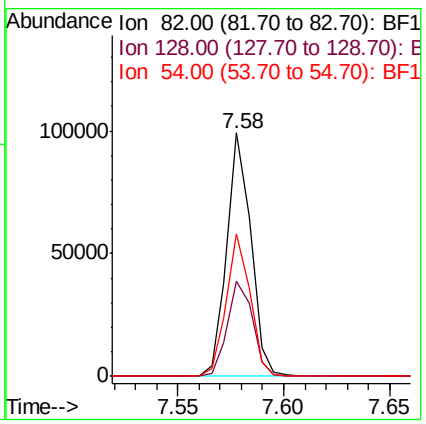


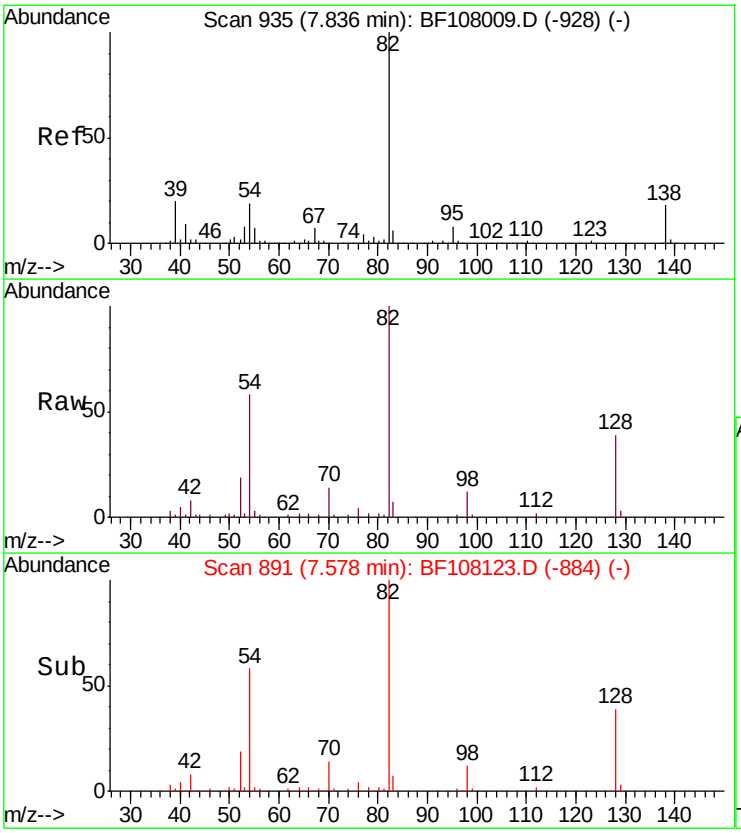
#23
Nitrobenzene-d5
Concen: 5.446 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion: 82 Resp: 78071

Ion	Ratio	Lower	Upper
82	100		
128	39.2	36.1	54.1
54	58.3	41.4	62.2

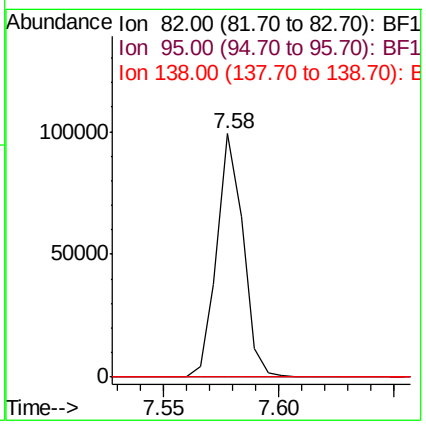


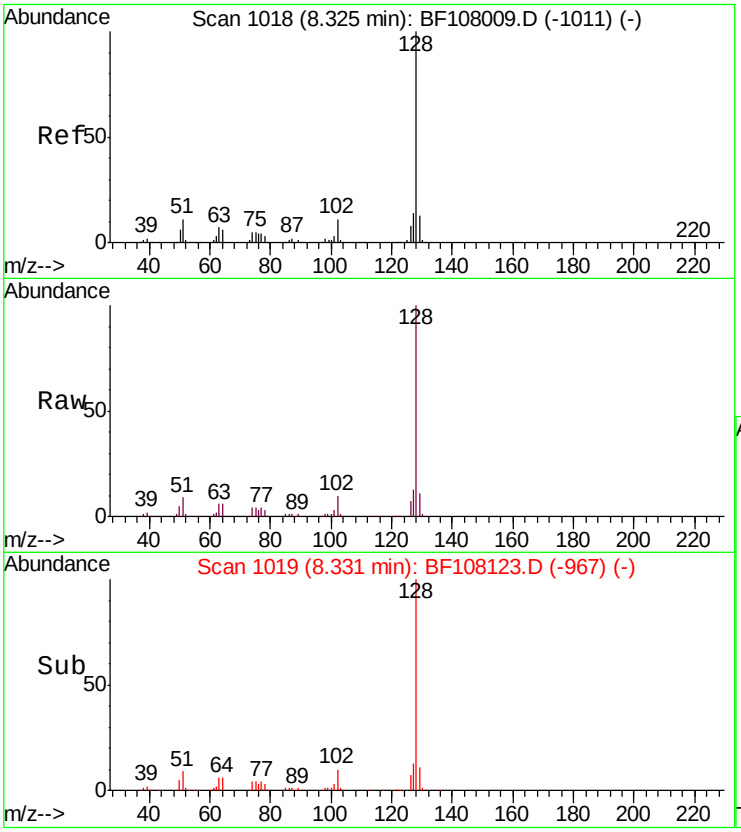


#25
Isophorone
Concen: 2.858 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion: 82 Resp: 78090

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



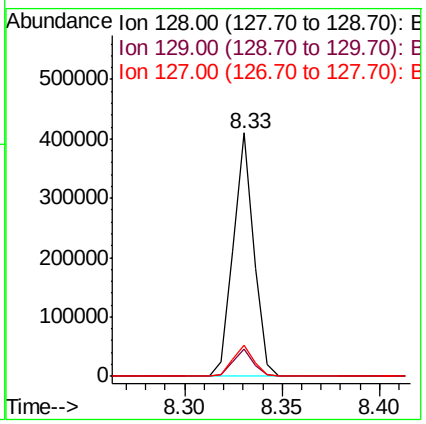


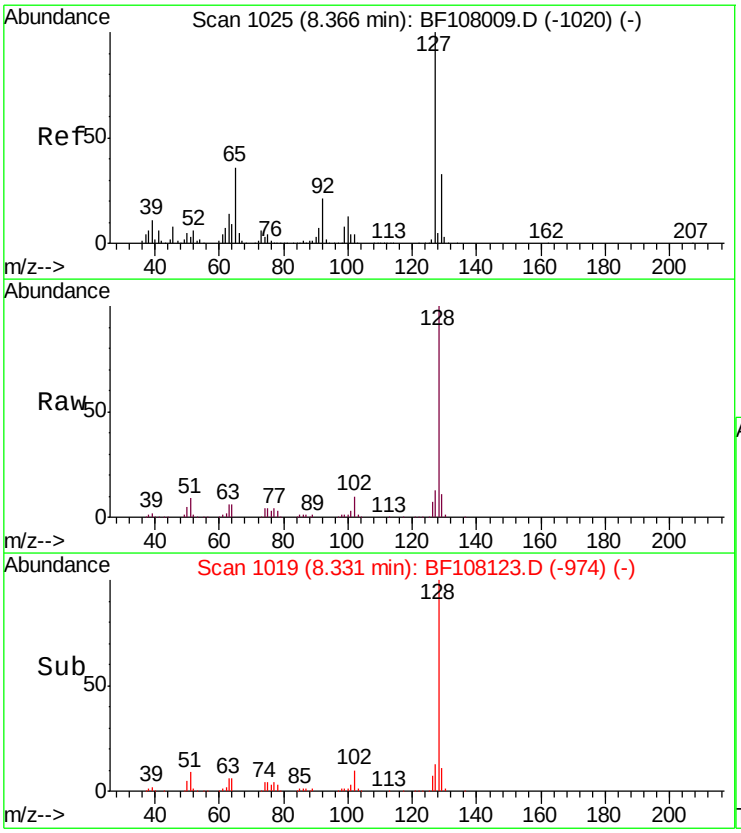
#31
Naphthalene
Concen: 8.282 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:128 Resp: 301286

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.5	10.9	16.3

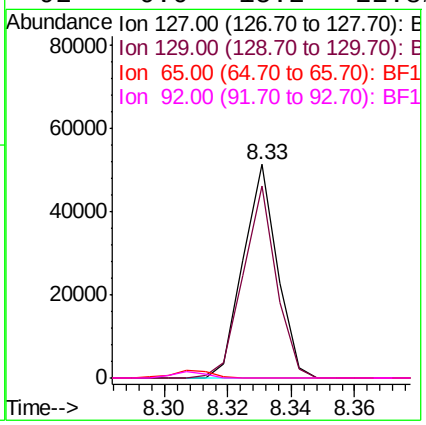


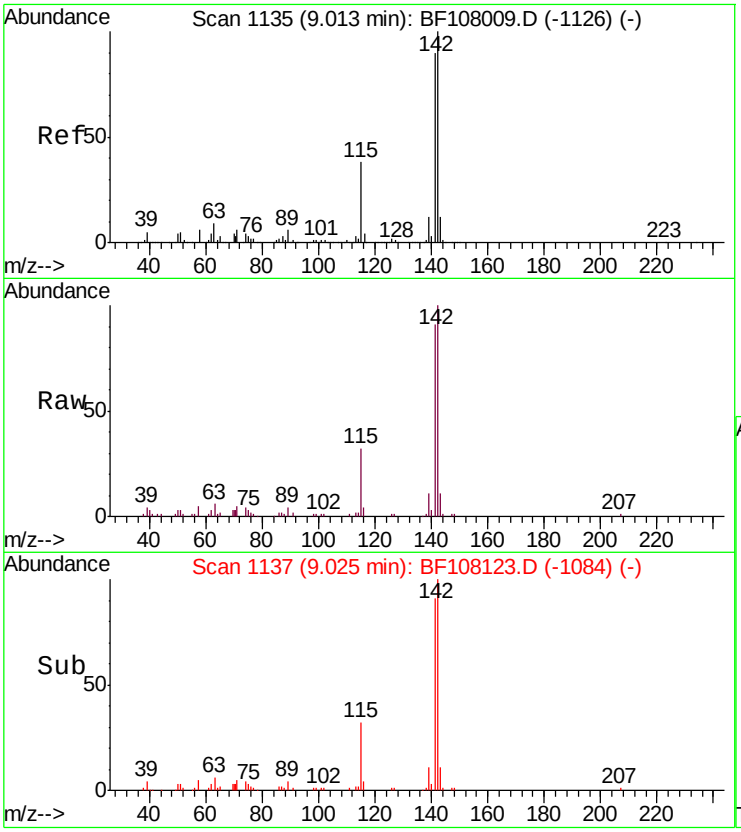


#33
4-Chloroaniline
Concen: 2.412 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.04 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:127 Resp: 38244

Ion	Ratio	Lower	Upper
127	100		
129	89.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



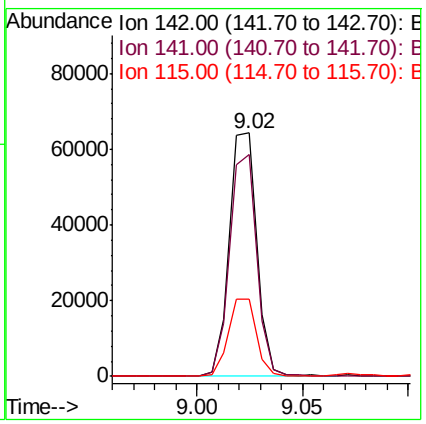


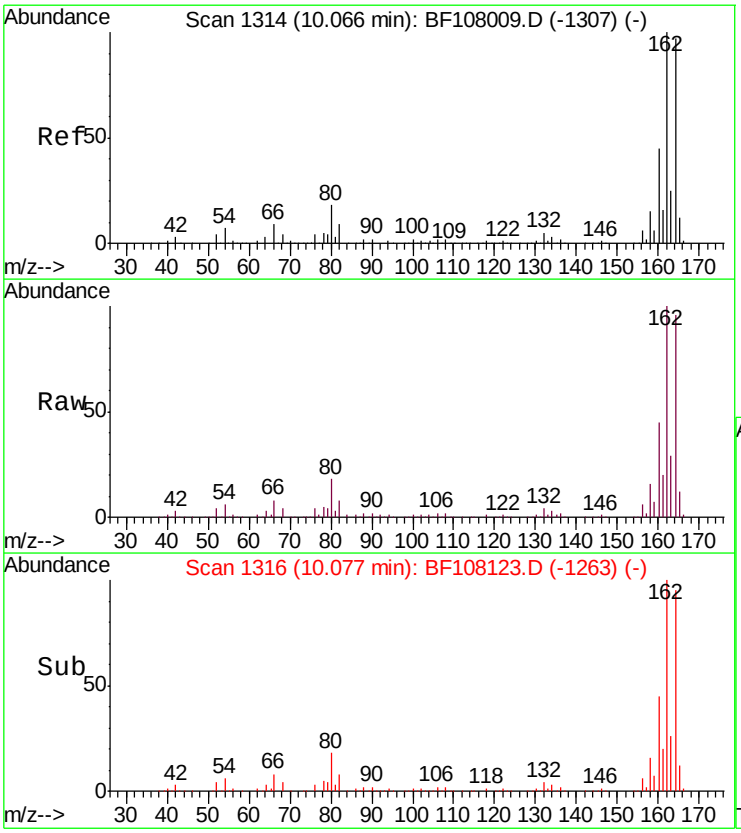
#37
2-Methylnaphthalene
Concen: 2.241 ng
RT: 9.02 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:142 Resp: 57679

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2
115	31.8	26.1	39.1

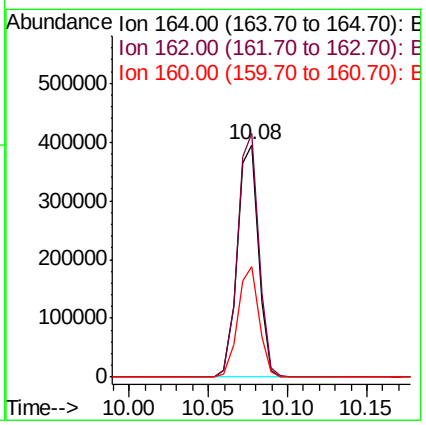


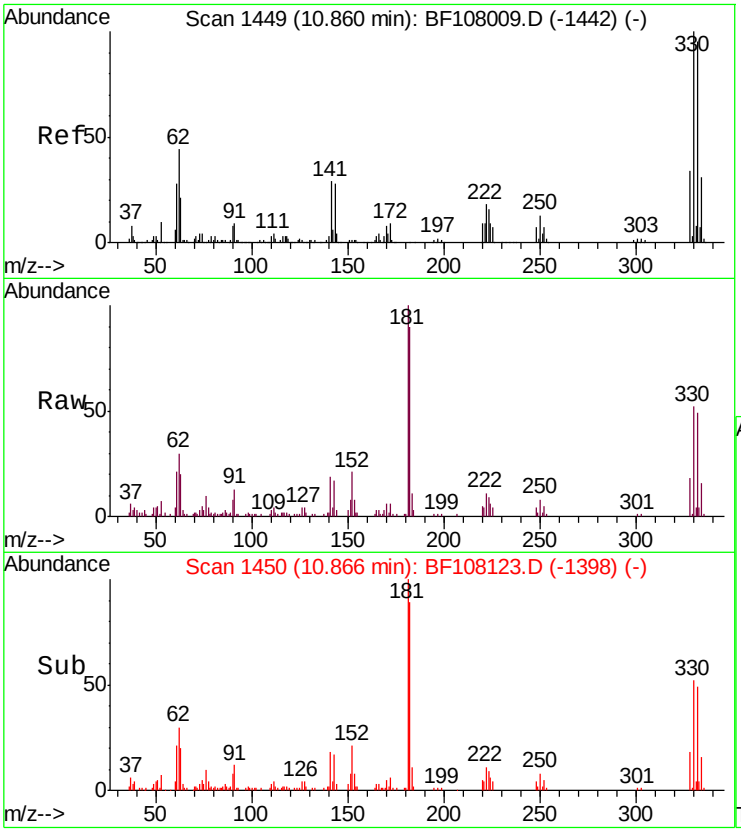


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:164 Resp: 366359

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.6	38.3	57.5



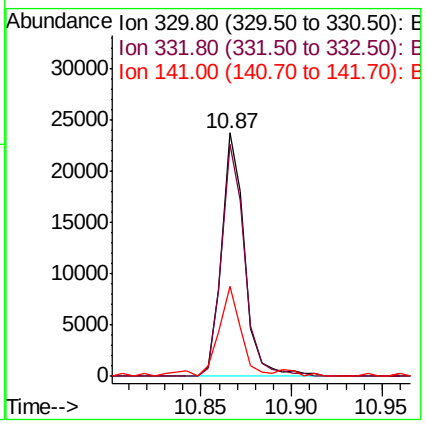


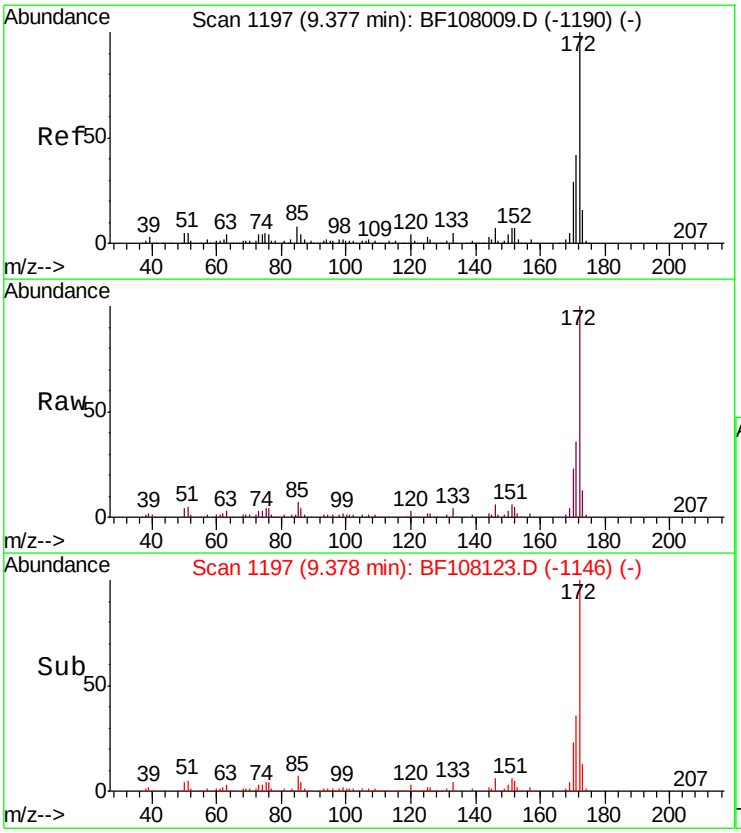
#41
2,4,6-Tribromophenol
Concen: 5.740 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:330 Resp: 20976

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.7	29.9	44.9

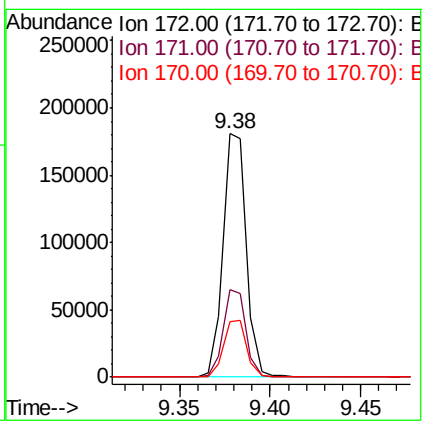


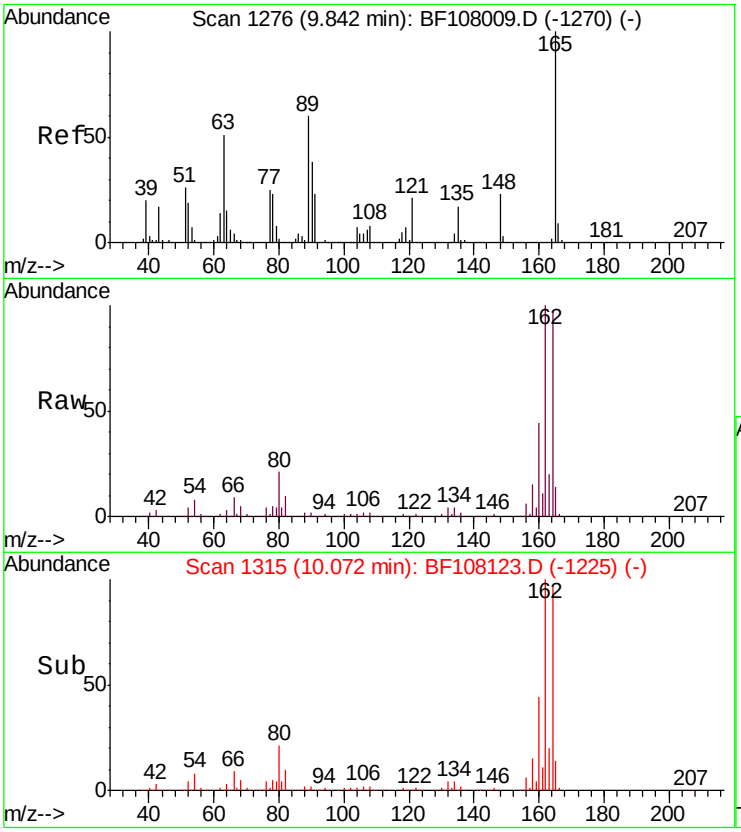


#44
2-Fluorobiphenyl
Concen: 7.071 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:172 Resp: 161353

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	22.9	19.6	29.4



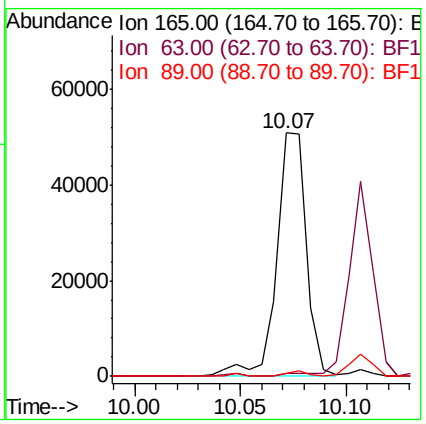


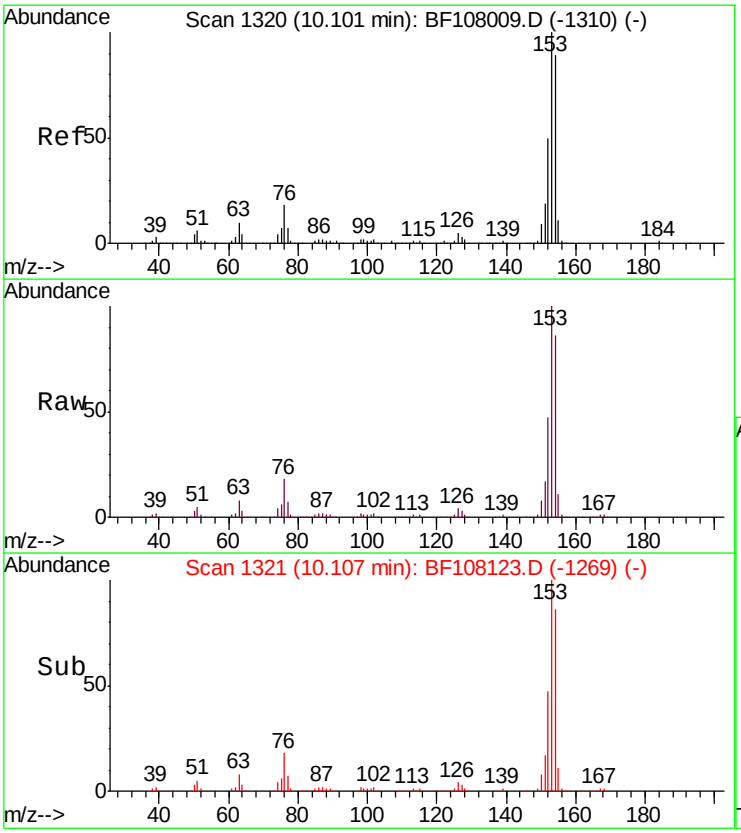
#50
2,6-Dinitrotoluene
Concen: 9.357 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.23 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:165 Resp: 49960

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#

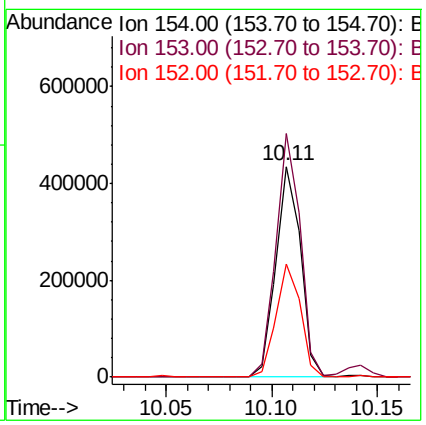


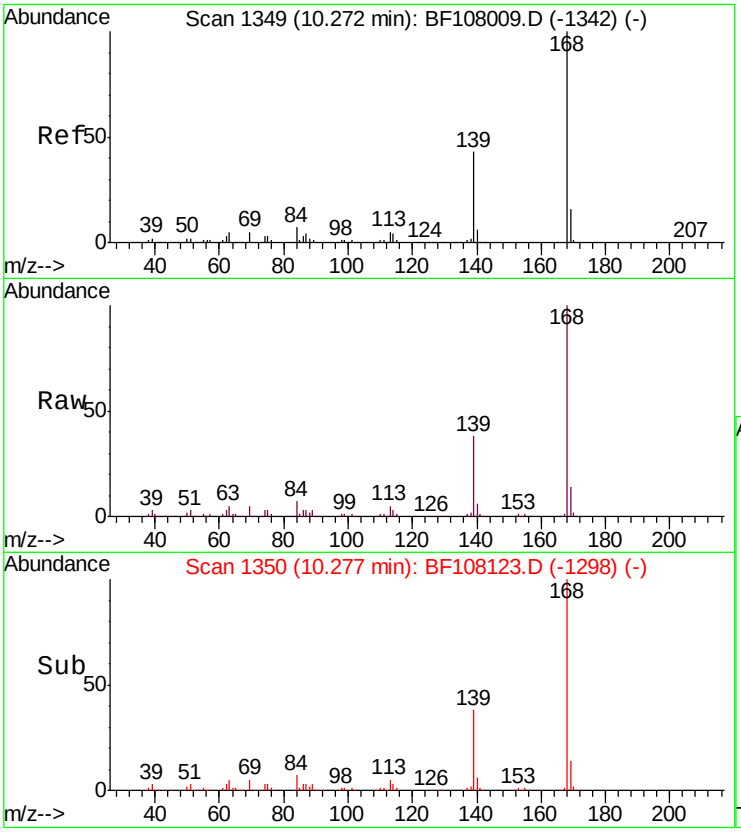


#51
Acenaphthene
Concen: 17.217 ng
RT: 10.11 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:154 Resp: 355925

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.2	136.8
152	54.0	43.8	65.8



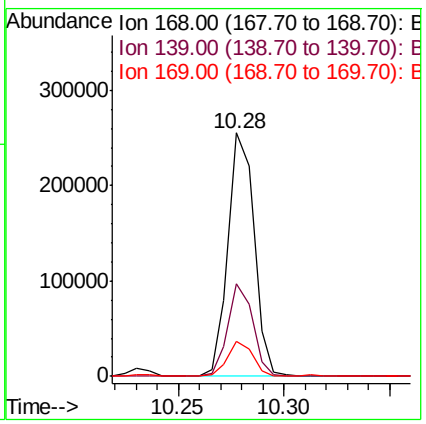


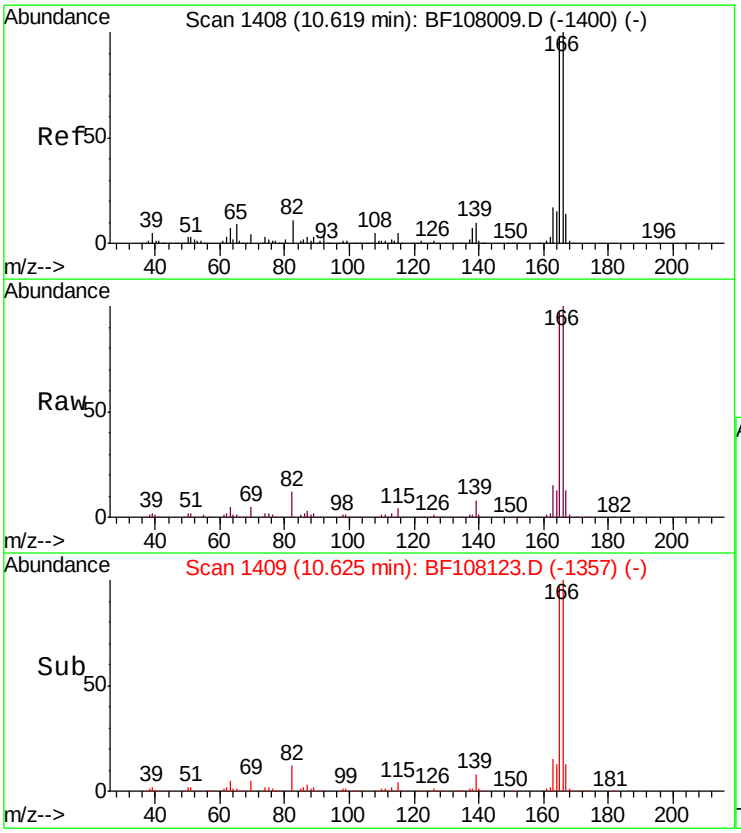
#54
Dibenzofuran
Concen: 7.296 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:168 Resp: 218502

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	14.4	10.9	16.3

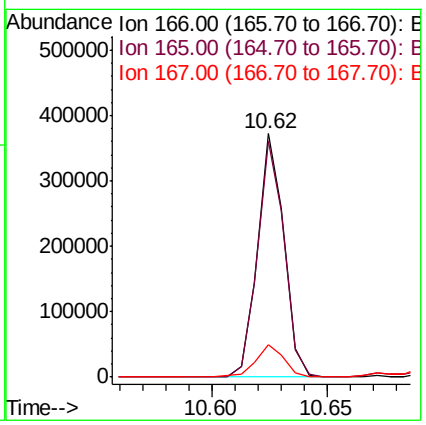


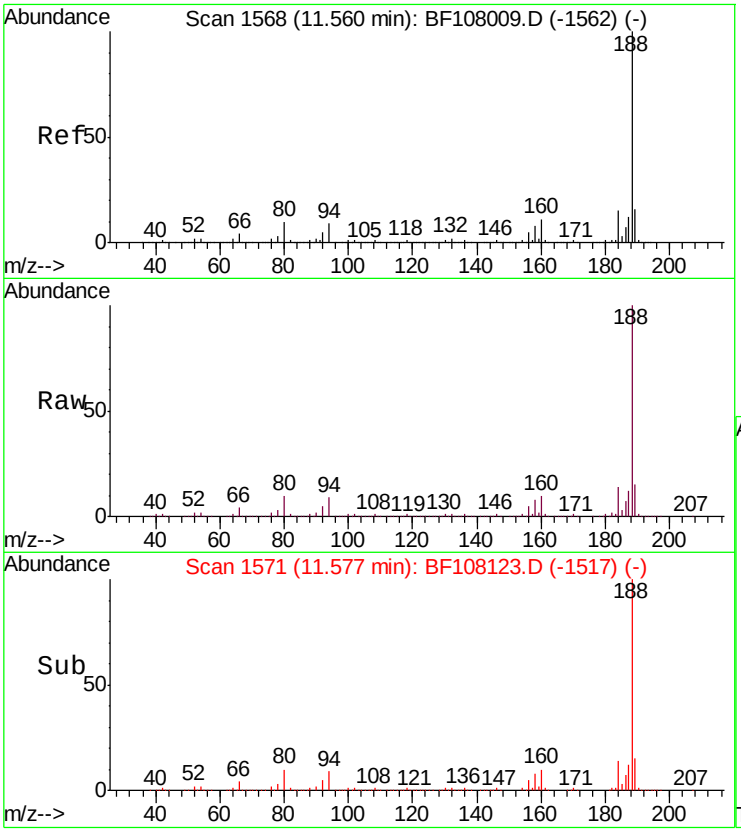


#57
Fluorene
Concen: 12.543 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:166 Resp: 297390

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.8	119.8
167	13.2	10.6	16.0



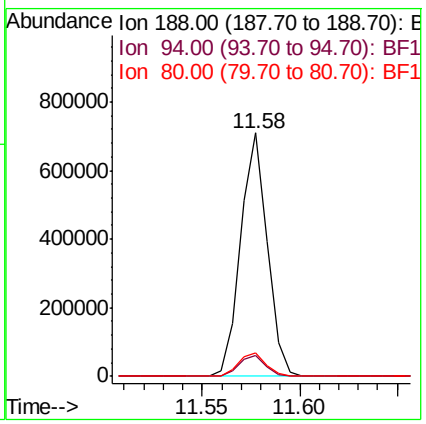


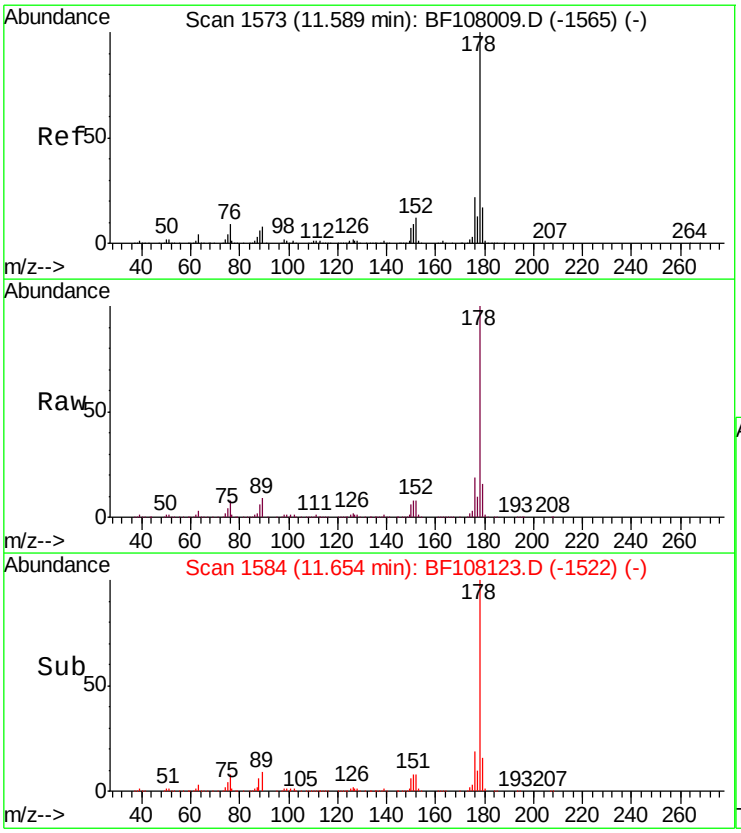
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:188 Resp: 670828

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.8	9.2	13.8

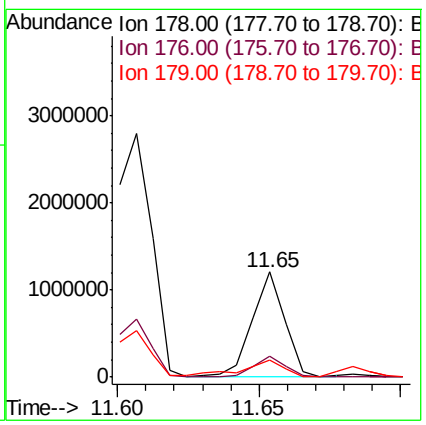


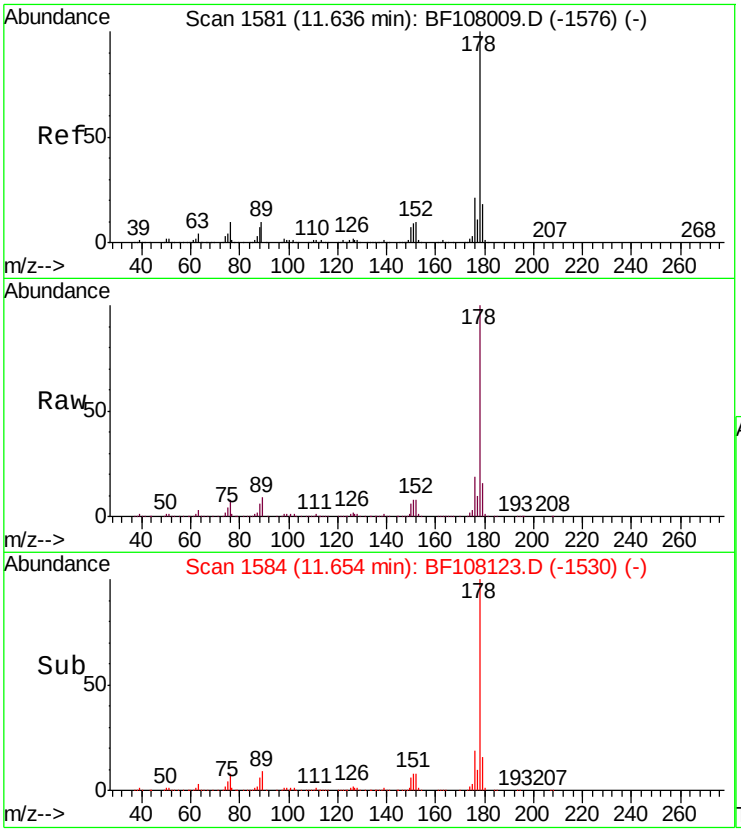


#70
Phenanthrene
Concen: 29.779 ng
RT: 11.65 min Scan# 1584
Delta R.T. 0.06 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:178 Resp: 942234

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.8	13.0	19.6



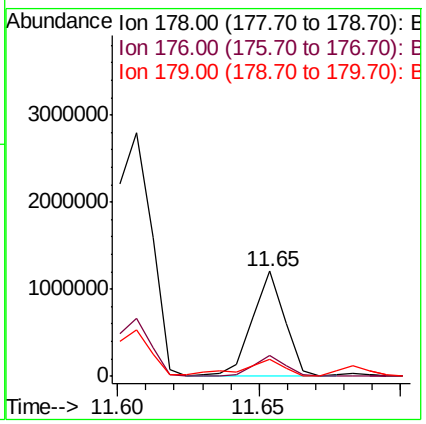


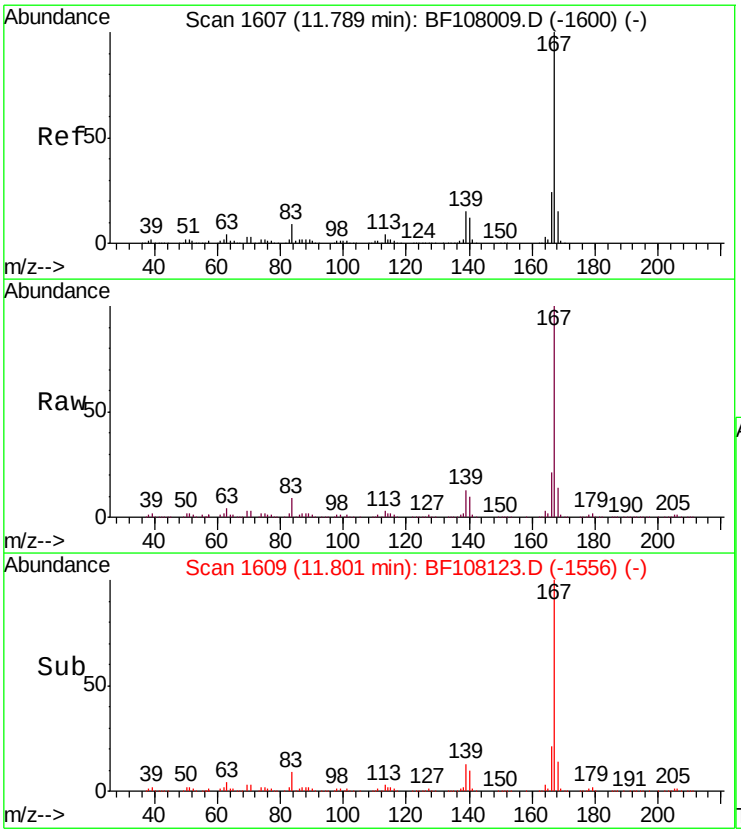
#71
Anthracene
Concen: 29.055 ng
RT: 11.65 min Scan# 1584
Delta R.T. 0.02 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:178 Resp: 942234

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.6	19.0

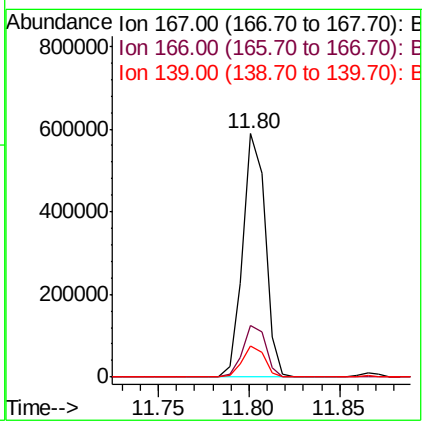


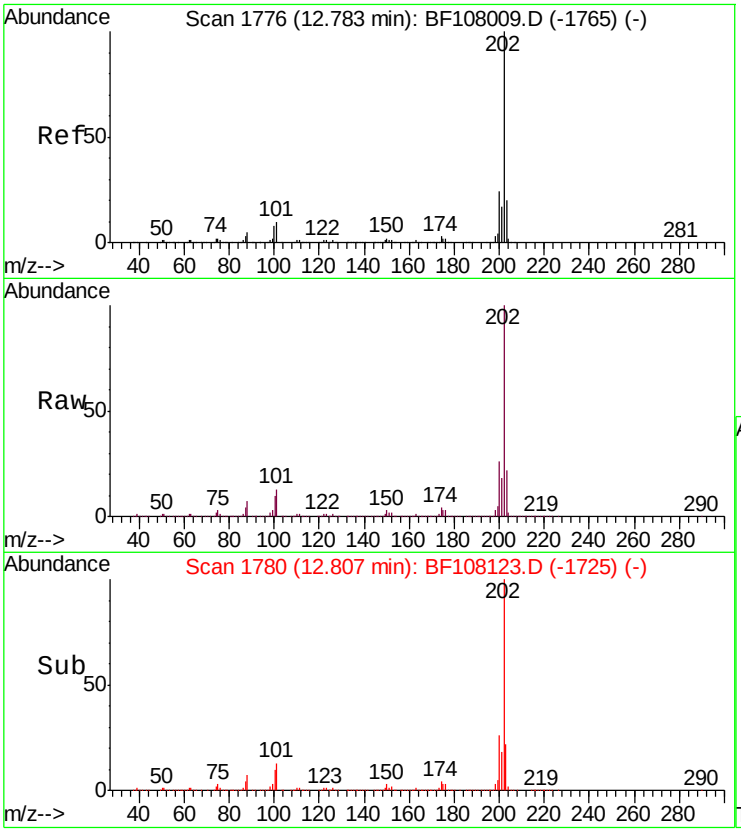


#72
Carbazole
Concen: 17.765 ng
RT: 11.80 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:167 Resp: 511862

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.6	10.9	16.3



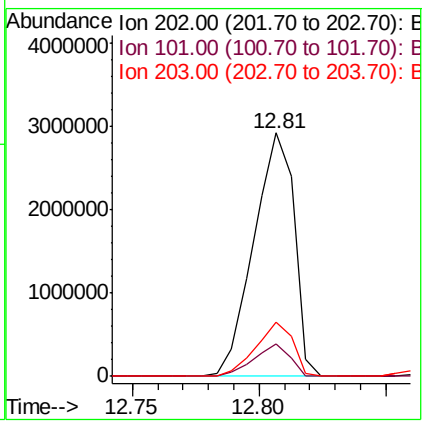


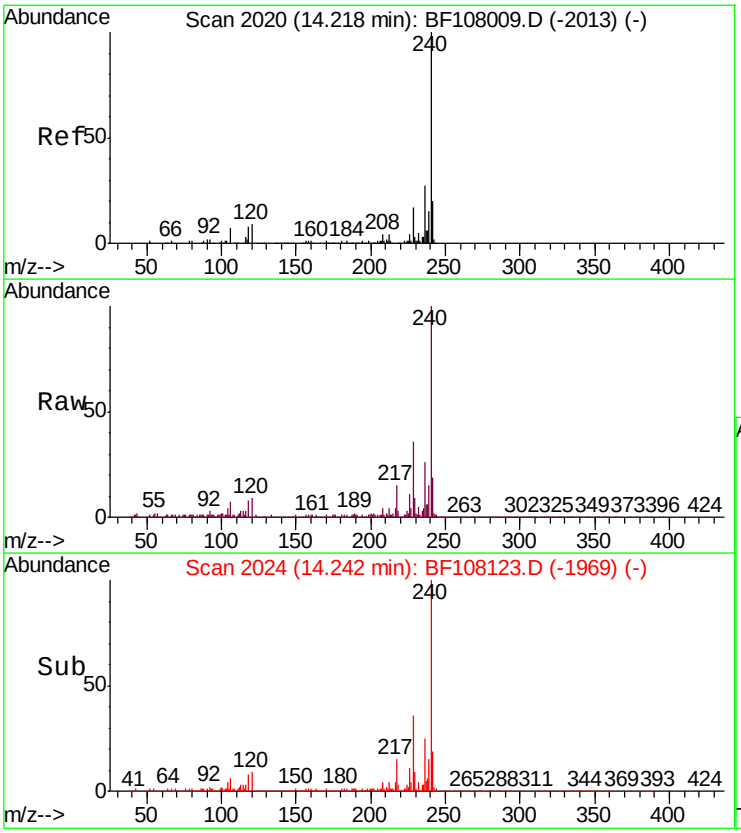
#74
Fluoranthene
Concen: 94.443 ng
RT: 12.81 min Scan# 1780
Delta R.T. 0.02 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:202 Resp: 3261279

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	22.2	0.0	38.1

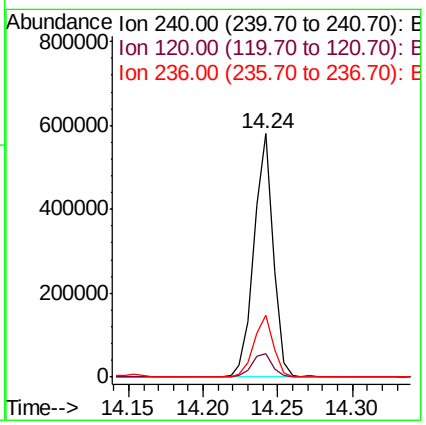


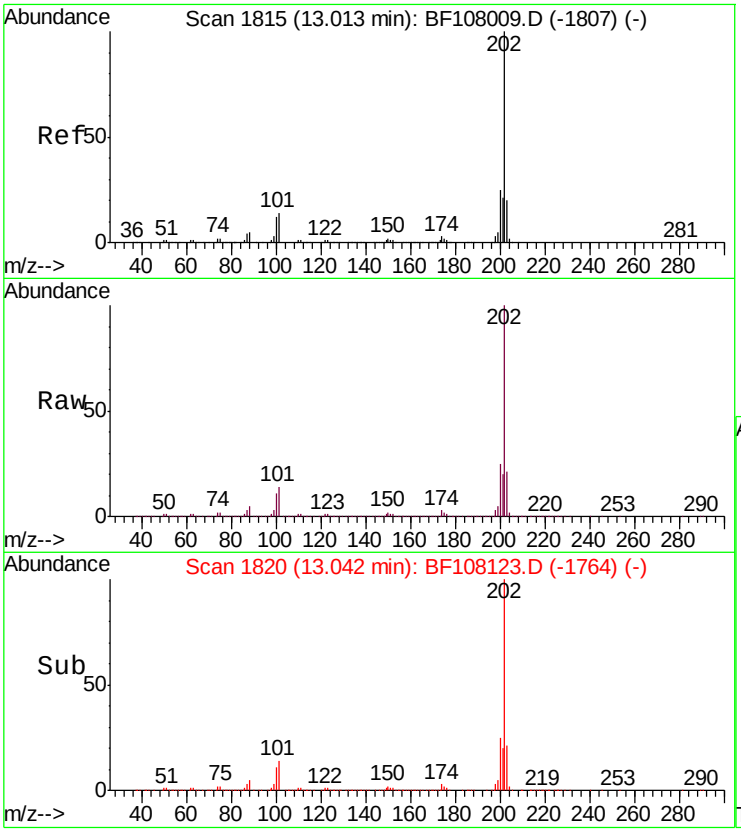


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.24 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:240 Resp: 509121

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.5	20.7	31.1



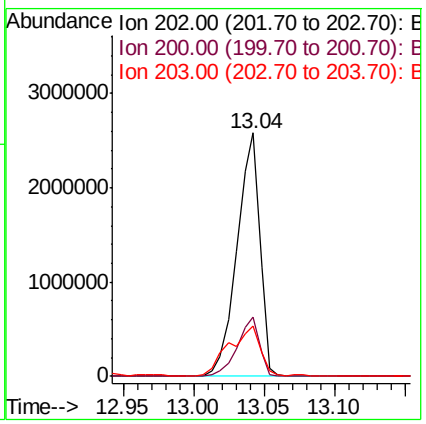


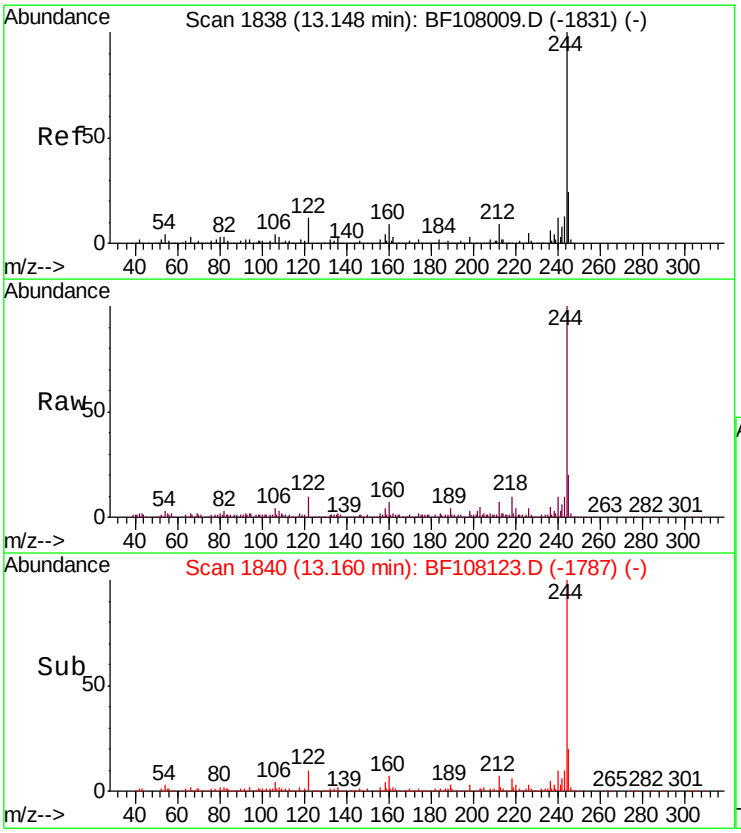
#77
Pyrene
Concen: 90.208 ng
RT: 13.04 min Scan# 1820
Delta R.T. 0.03 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:202 Resp: 2907633

Ion	Ratio	Lower	Upper
202	100		
200	24.5	17.4	26.2
203	20.9	14.3	21.5

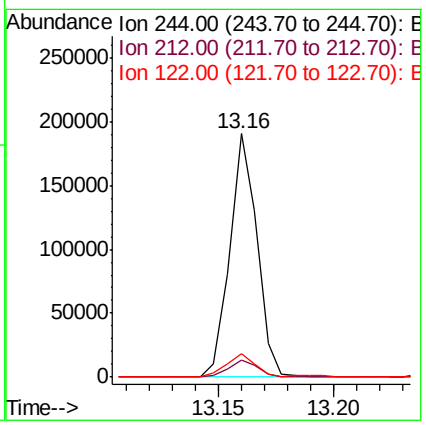


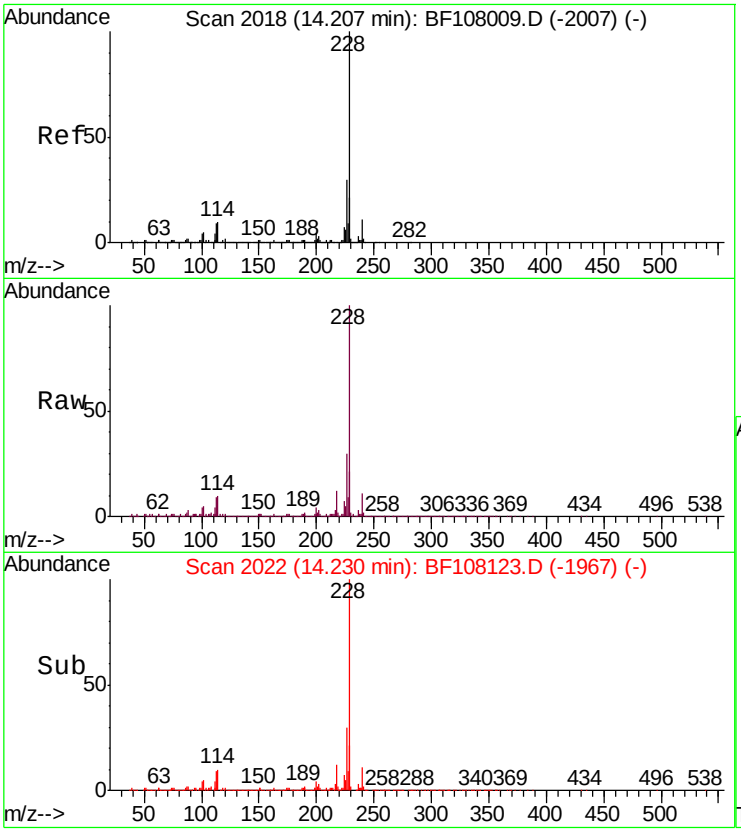


#78
Terphenyl-d14
Concen: 7.819 ng
RT: 13.16 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:244 Resp: 156565

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.8	11.0	16.4#



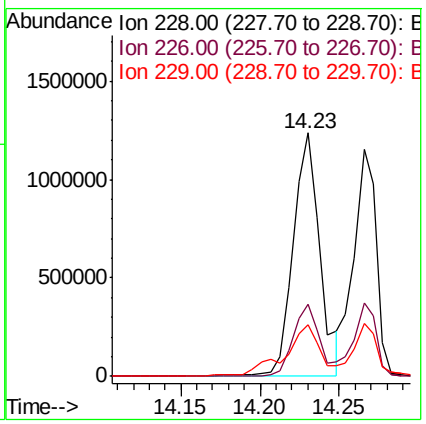


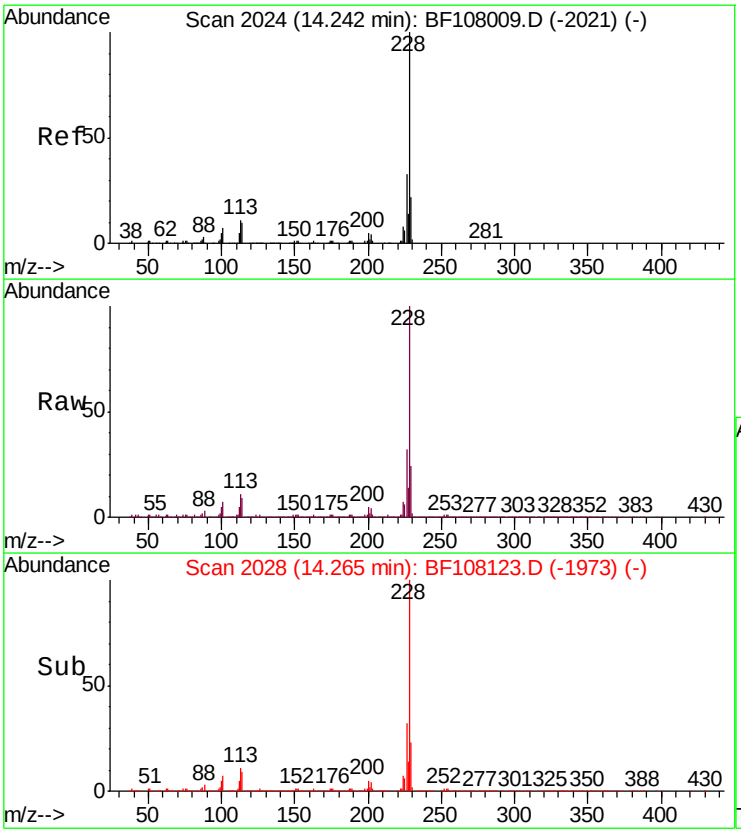
#80
Benzo(a)anthracene
Concen: 49.161 ng
RT: 14.23 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:228 Resp: 1436406

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.4	15.8	23.6

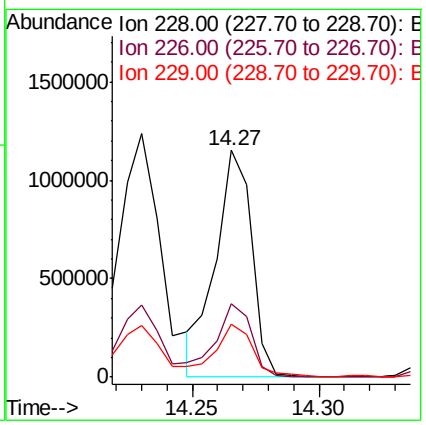


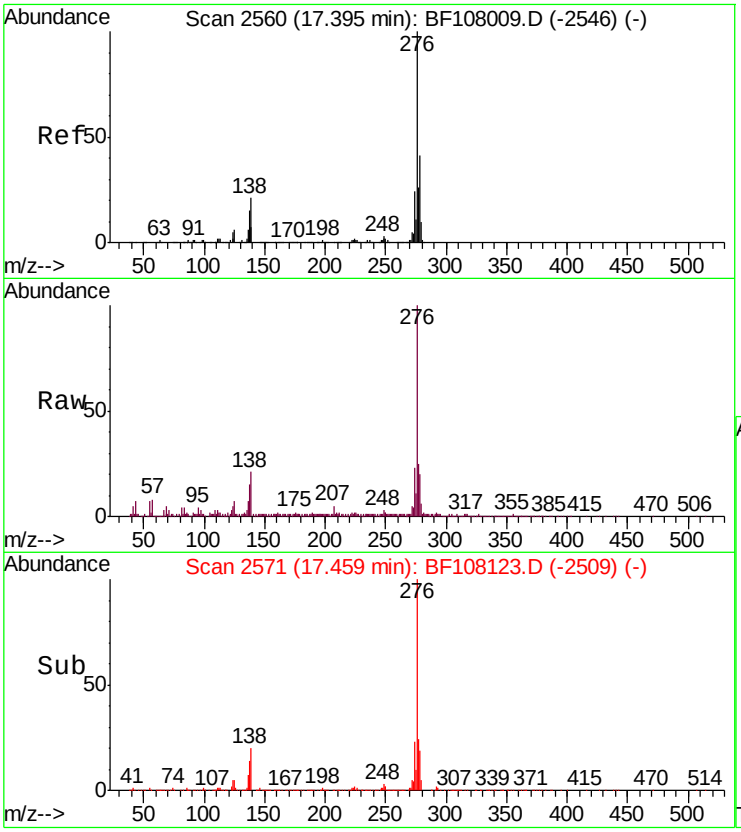


#82
Chrysene
Concen: 42.479 ng
RT: 14.27 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:228 Resp: 1137901

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	23.6	16.2	24.4



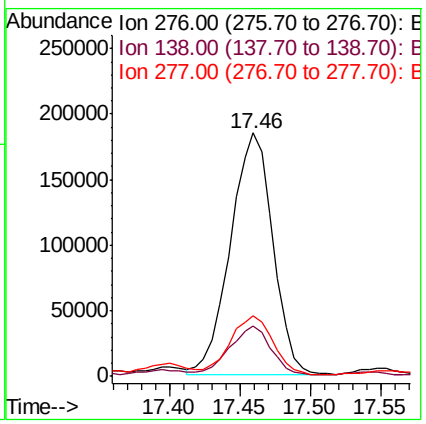


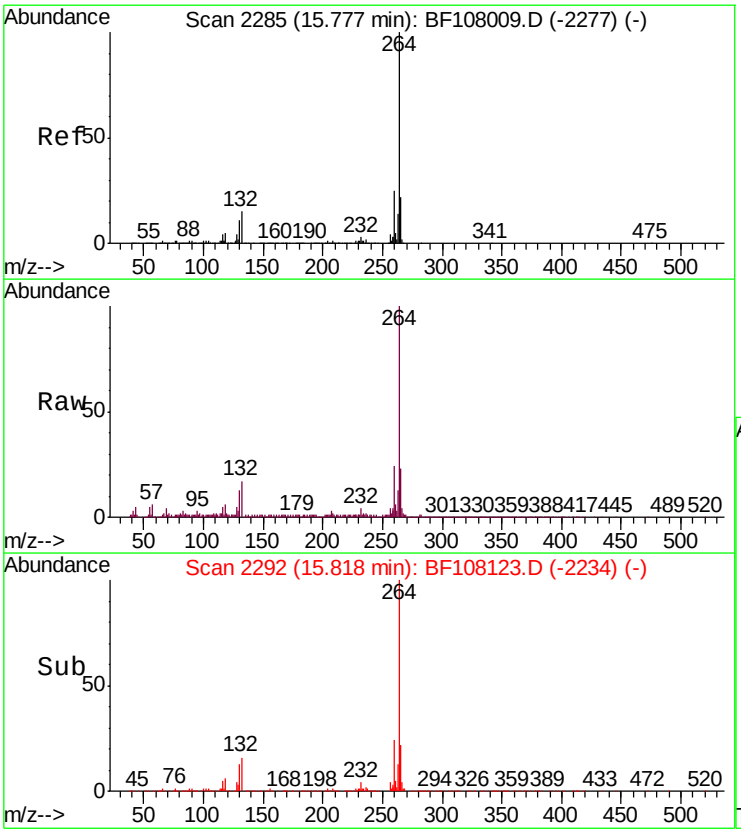
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.570 ng
RT: 17.46 min Scan# 2571
Delta R.T. 0.06 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:276 Resp: 384579

Ion	Ratio	Lower	Upper
276	100		
138	19.7	25.0	37.6#
277	24.0	20.1	30.1

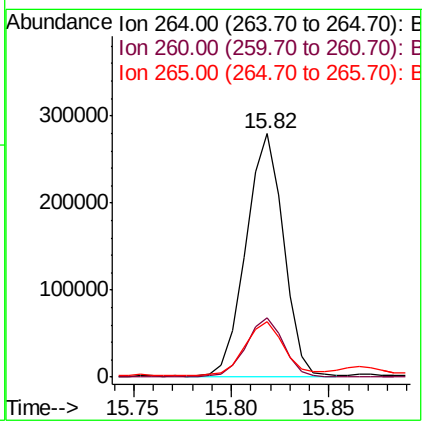


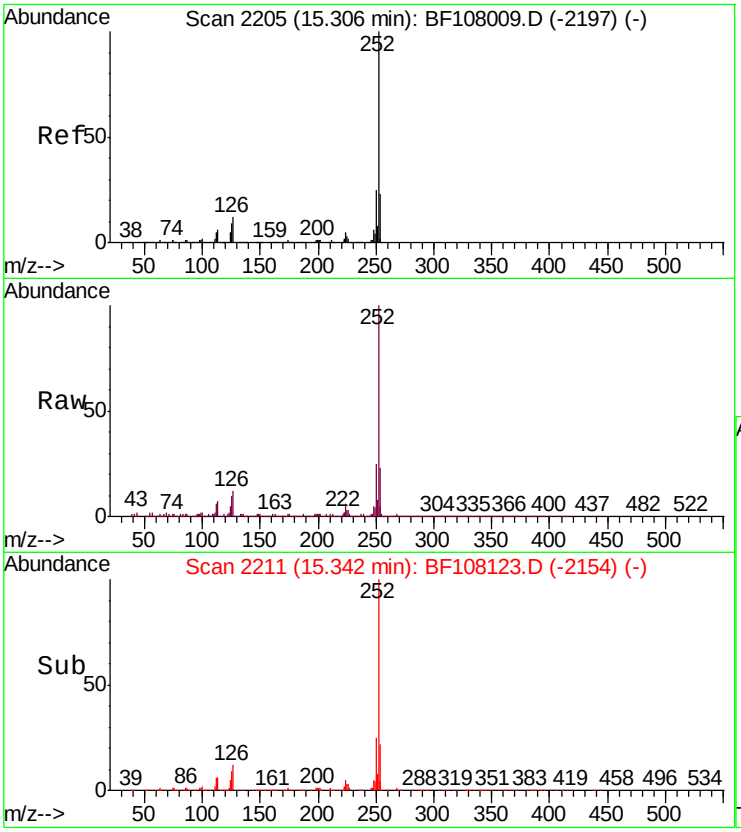


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.82 min Scan# 2292
Delta R.T. 0.04 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:264 Resp: 369477

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.8	17.5	26.3



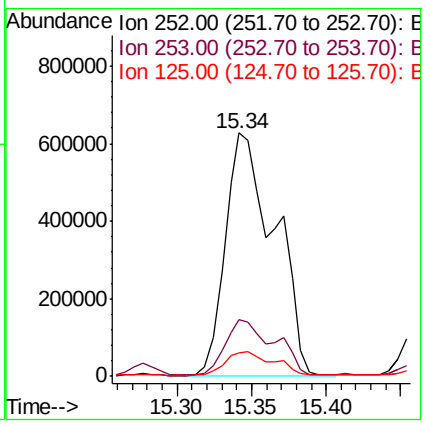


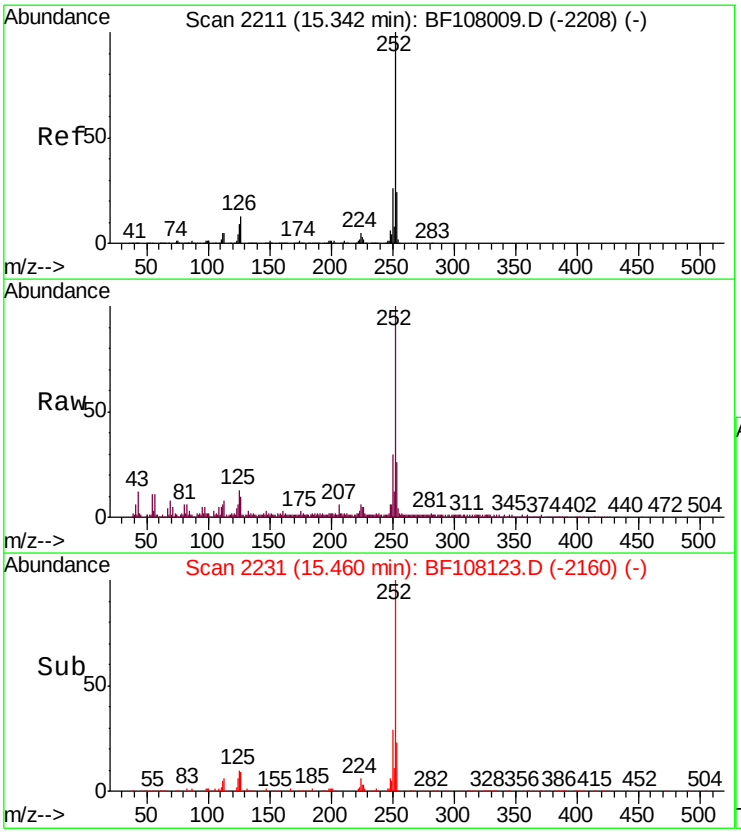
#87
Benzo(b)fluoranthene
Concen: 65.124 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:252 Resp: 1437791

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	9.6	9.0	13.6

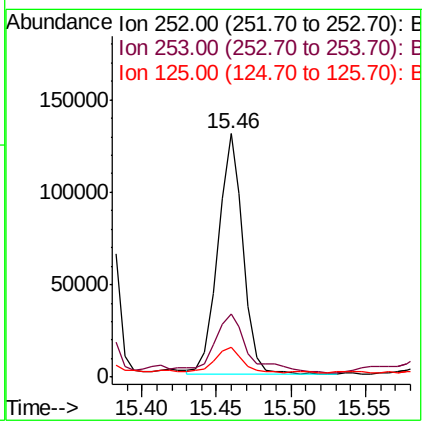


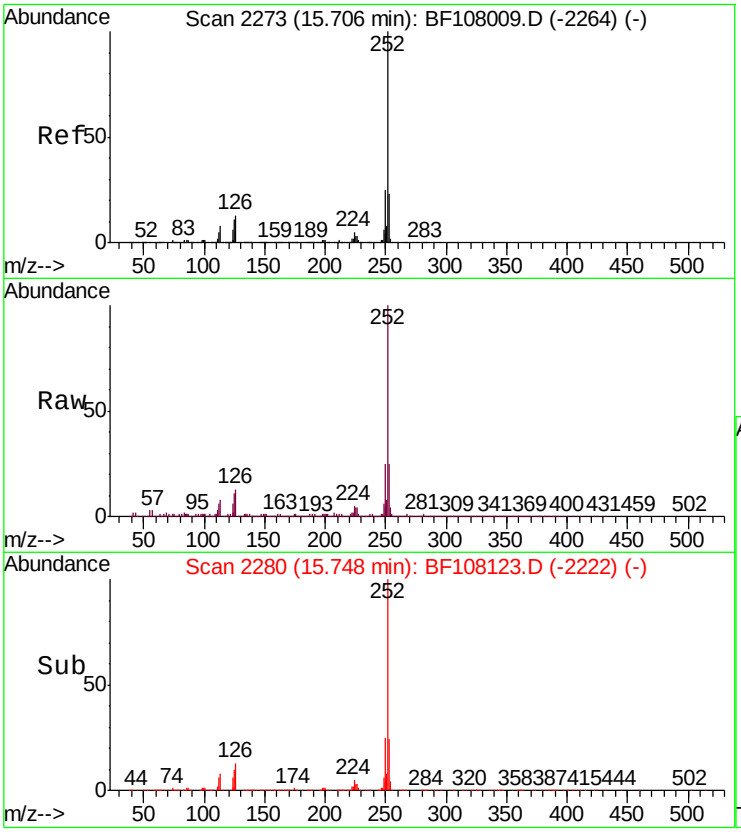


#88
Benzo(k)fluoranthene
Concen: 7.487 ng
RT: 15.46 min Scan# 2231
Delta R.T. 0.12 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:252 Resp: 151955

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	12.5	10.2	15.2



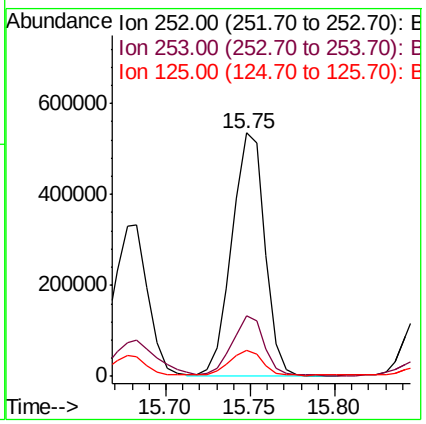


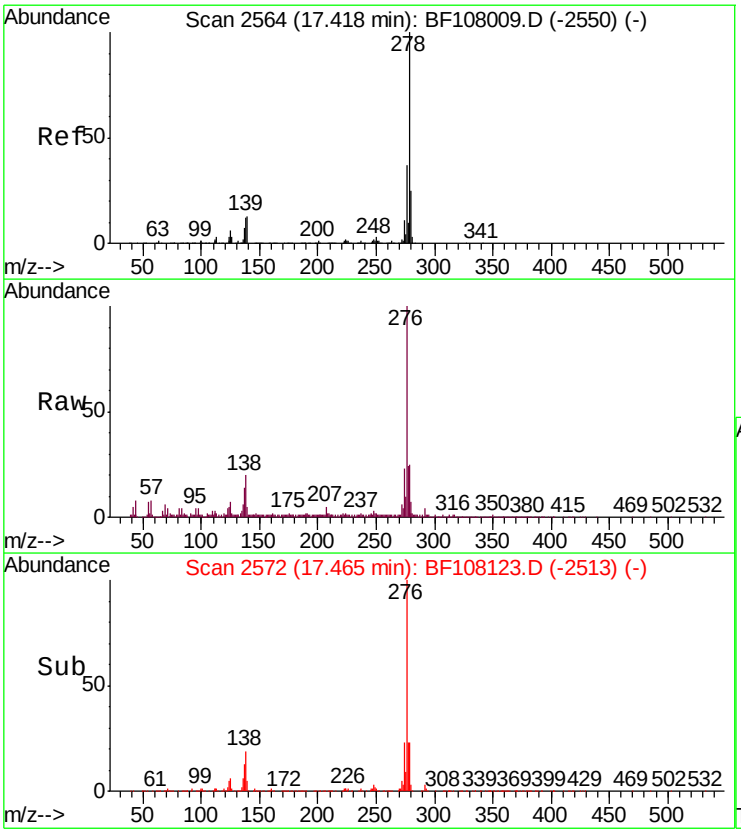
#89
Benzo(a)pyrene
Concen: 36.690 ng
RT: 15.75 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:252 Resp: 725366

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	10.8	9.8	14.6

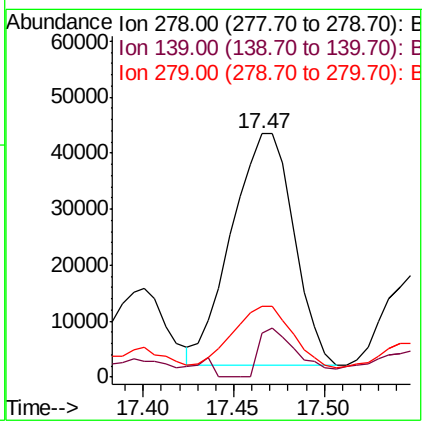


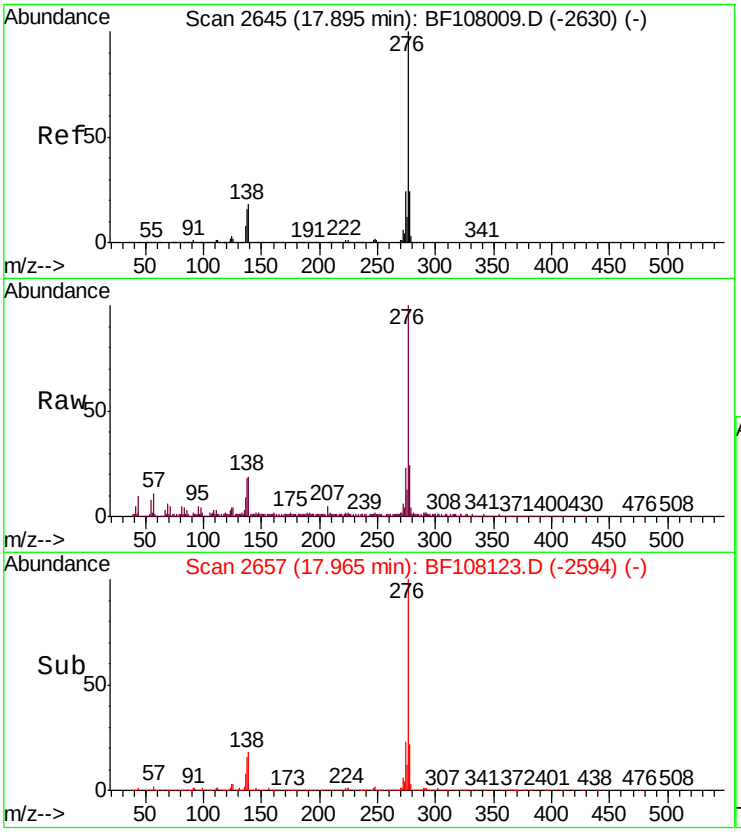


#90
Dibenzo(a,h)anthracene
Concen: 6.030 ng
RT: 17.47 min Scan# 2572
Delta R.T. 0.05 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Tgt Ion:278 Resp: 98638

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	28.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 21.865 ng
RT: 17.97 min Scan# 2657
Delta R.T. 0.07 min
Lab File: BF108123.D
Acq: 13 Aug 2018 18:26

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:276 Resp: 352181

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	18.8	21.8	32.8#