Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107853.D
Acq On : 31 Jul 2018 16:59
Operator : JU/SJ
Sample : J4231-11 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-6

Quant Time: Jul 31 18:55:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	135424	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	628427	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	260608	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	422405	20.00	ng		0.00
75) Chrysene-d12	14.15	240	353376	20.00	ng		0.00
86) Perylene-d12	15.69	264	473806	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	109042	13.68	ng		0.00
7) Phenol-d6	6.61	99	199147	18.96	ng		0.00
23) Nitrobenzene-d5	7.54	82	110927	10.17	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	52590	14.85	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	301067	16.10	ng		0.00
78) Terphenyl-d14	13.08	244	234475	14.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	317	5.868	ng	#	1
3) Pyridine	3.71	79	131	6.266	ng	#	1
25) Isophorone	7.54	82	110927	6.195	ng	#	64
31) Naphthalene	8.27	128	801072	27.423	ng		99
33) 4-Chloroaniline	8.27	127	99640	7.986	ng	#	34
37) 2-Methylnaphthalene	8.95	142	170209	9.276	ng		100
45) 1,1'-Biphenyl	9.42	154	140299	5.916	ng		96
48) Acenaphthylene	9.87	152	106285	3.833	ng		97
51) Acenaphthene	10.04	154	559909	34.763	ng		99
55) 4-Nitrophenol	10.14	139	924	9.636	ng	#	58
57) Fluorene	10.55	166	325860	16.843	ng		95
70) Phenanthrene	11.52	178	1692364	84.377	ng		99
71) Anthracene	11.58	178	783883	33.884	ng		99
74) Fluoranthene	12.72	202	1127110	47.834	ng		97
77) Pyrene	12.95	202	1444799	56.779	ng		98
80) Benzo(a)anthracene	14.18	228	465223	23.241	ng		93
82) Chrysene	14.18	228	465223	21.547	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	313762	19.105	ng	#	87
87) Benzo(b)fluoranthene	15.23	252	741892	31.748	ng		99
88) Benzo(k)fluoranthene	15.23	252	741892	25.859	ng		98
89) Benzo(a)pyrene	15.62	252	639947	26.527	ng		99
90) Dibenzo(a,h)anthracene	17.46	278	61094	2.903	ng		96
91) Benzo(g,h,i)perylene	17.75	276	323964	15.911	ng		93

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

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Misc :
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2018-NYSEG-CLARK-AREA-14-6

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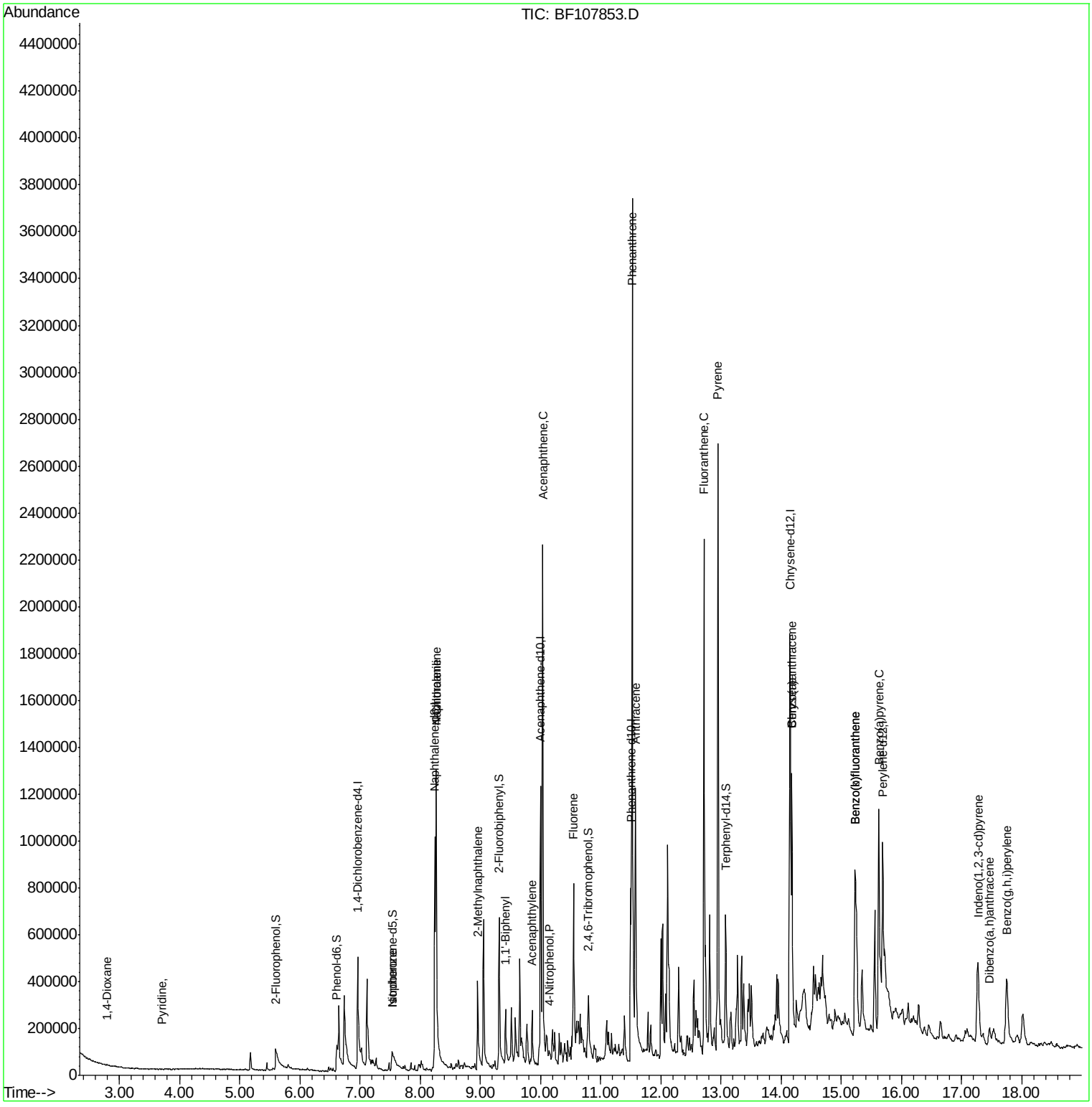
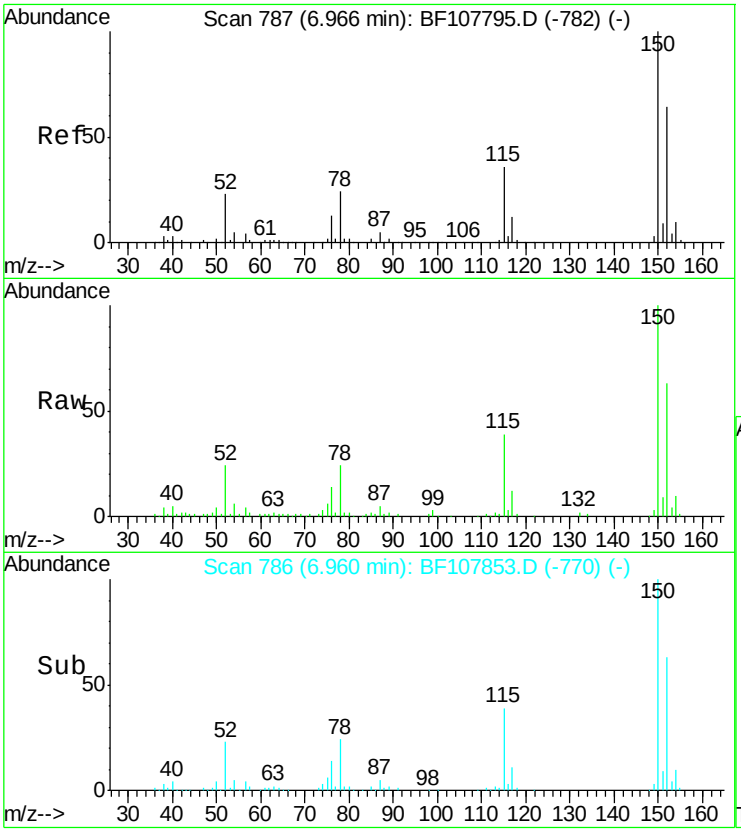


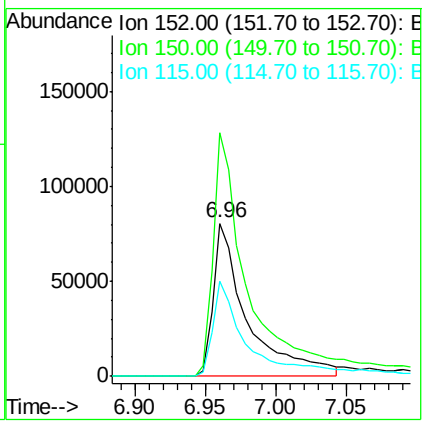


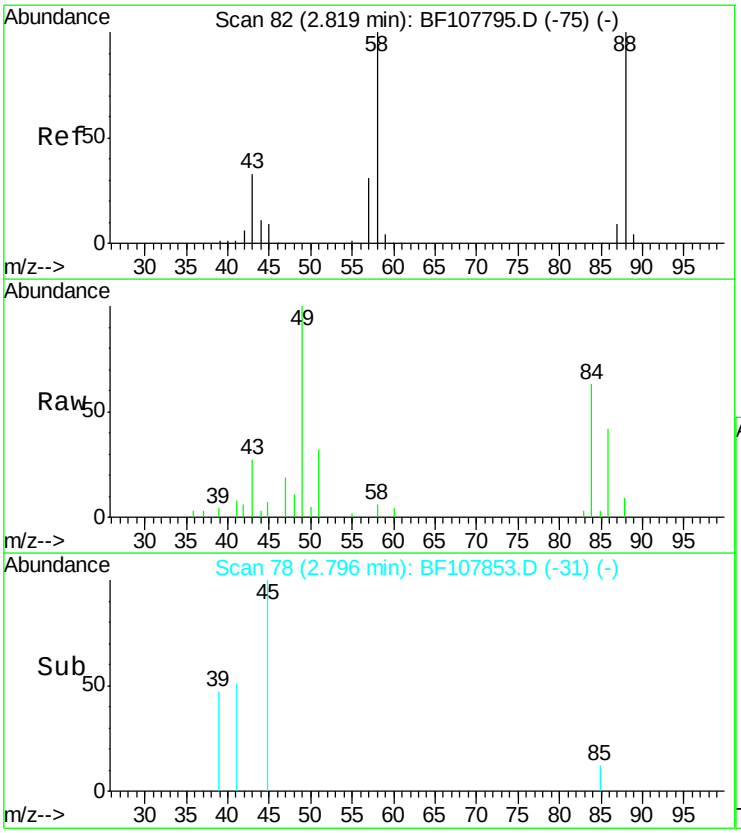
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:152 Resp: 135424

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.0	50.1	75.1

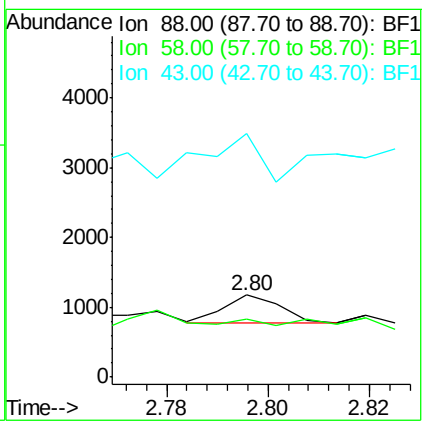


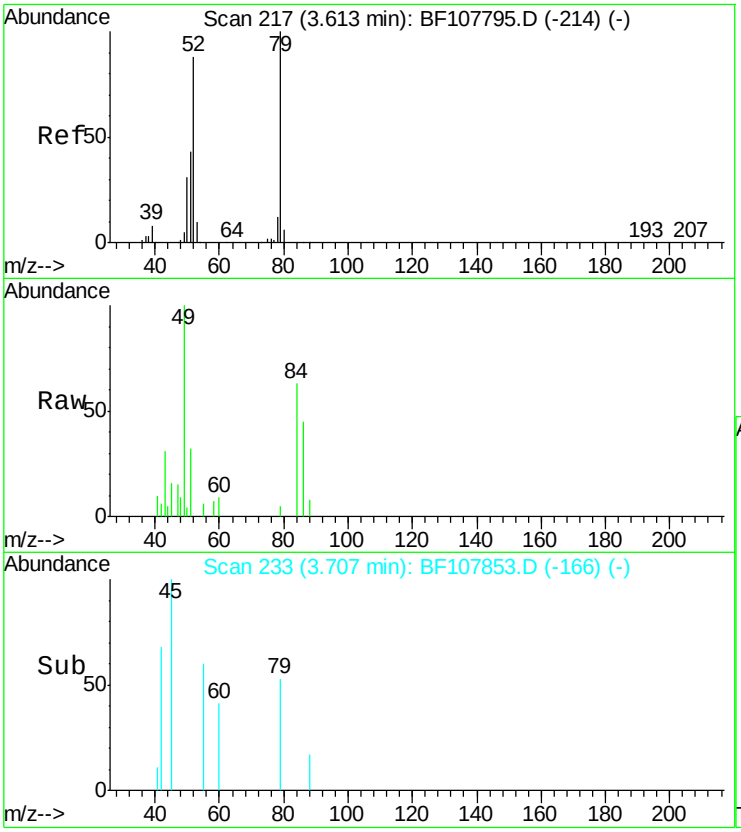


#2
1,4-Dioxane
Concen: 5.868 ng
RT: 2.80 min Scan# 78
Delta R.T. -0.02 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion: 88 Resp: 317

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	162.5	24.6	37.0#



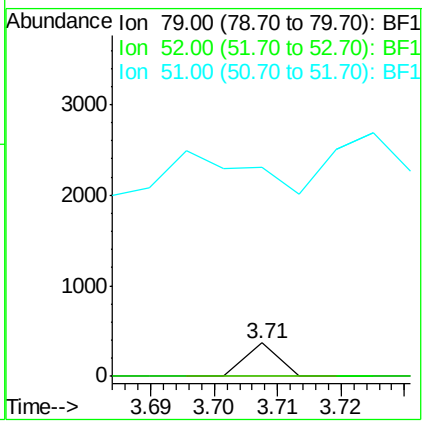


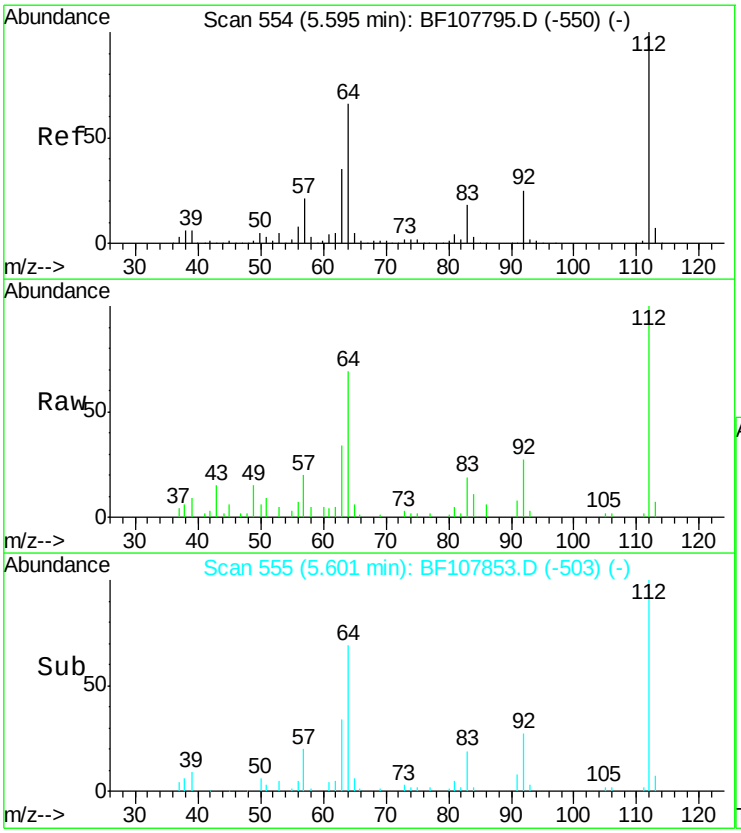
#3
Pyridine
Concen: 6.266 ng
RT: 3.71 min Scan# 233
Delta R.T. 0.09 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 79 Resp: 131

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	624.1	29.8	44.8#

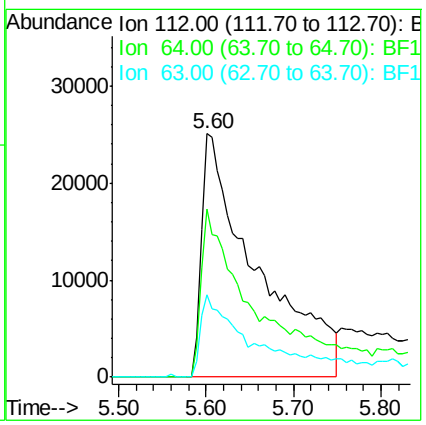


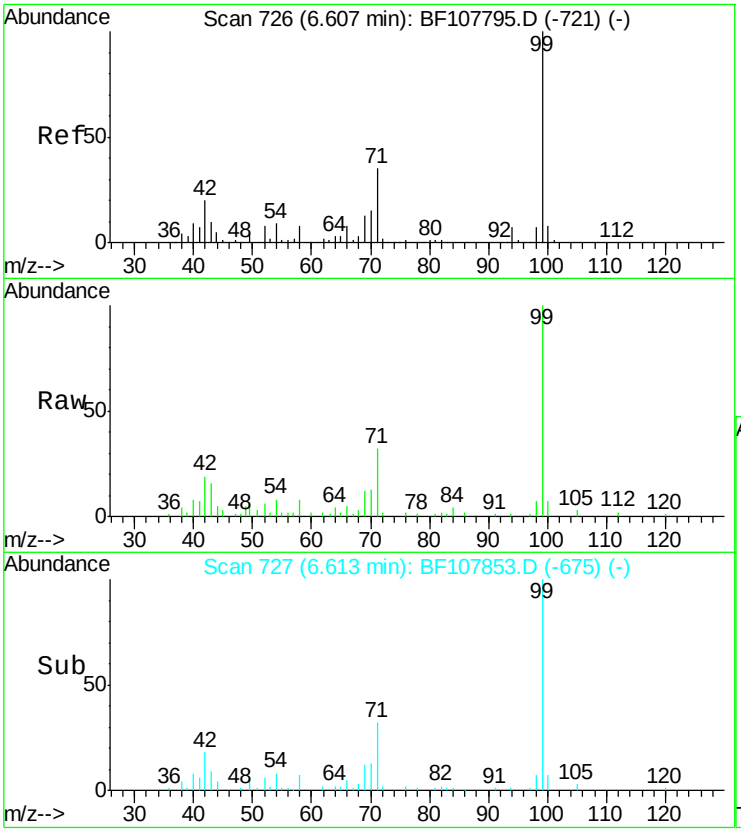


#5
2-Fluorophenol
Concen: 13.685 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:112 Resp: 109042

Ion	Ratio	Lower	Upper
112	100		
64	68.8	47.9	71.9
63	33.7	23.7	35.5



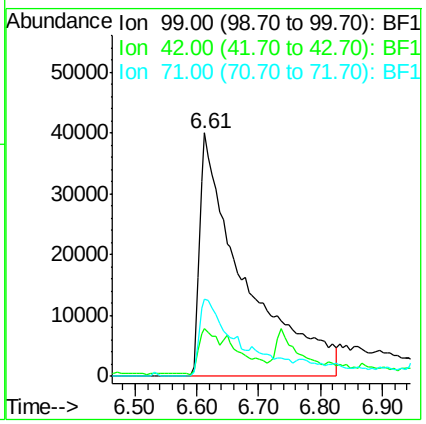


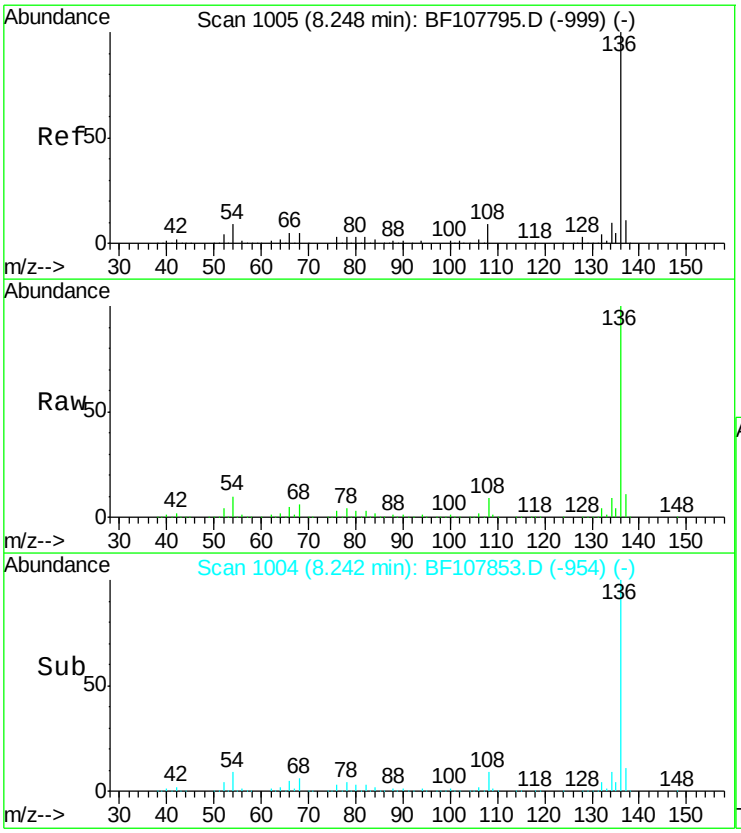
#7
Phenol-d6
Concen: 18.963 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 99 Resp: 199147

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.8	25.4	38.0

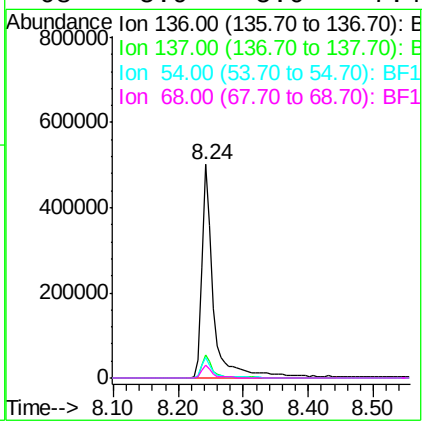


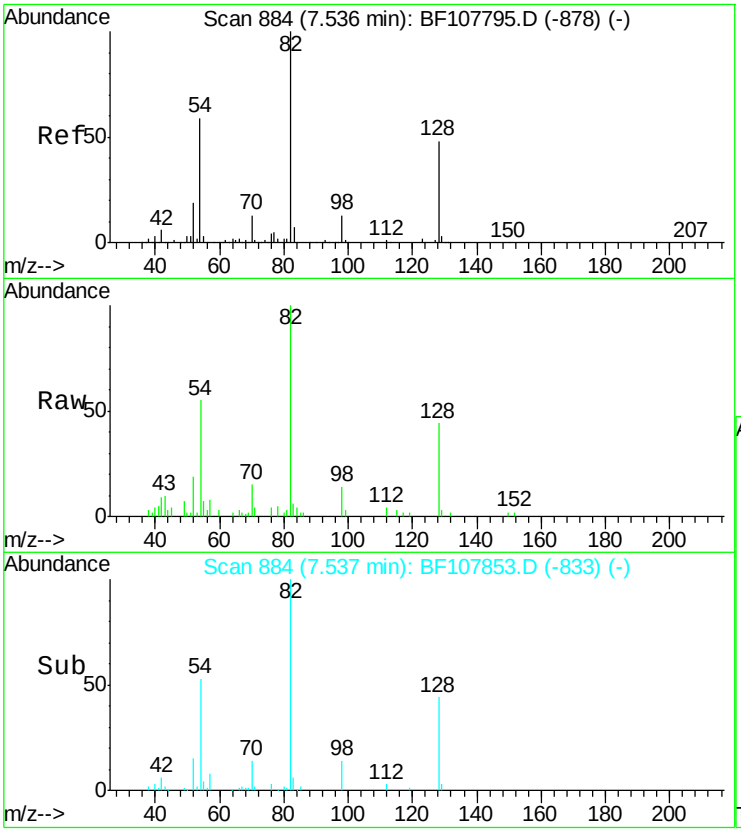


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:136 Resp: 628427

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	6.6	9.8
68	5.9	5.0	7.4



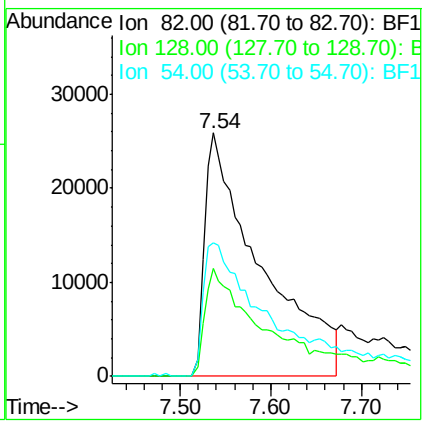


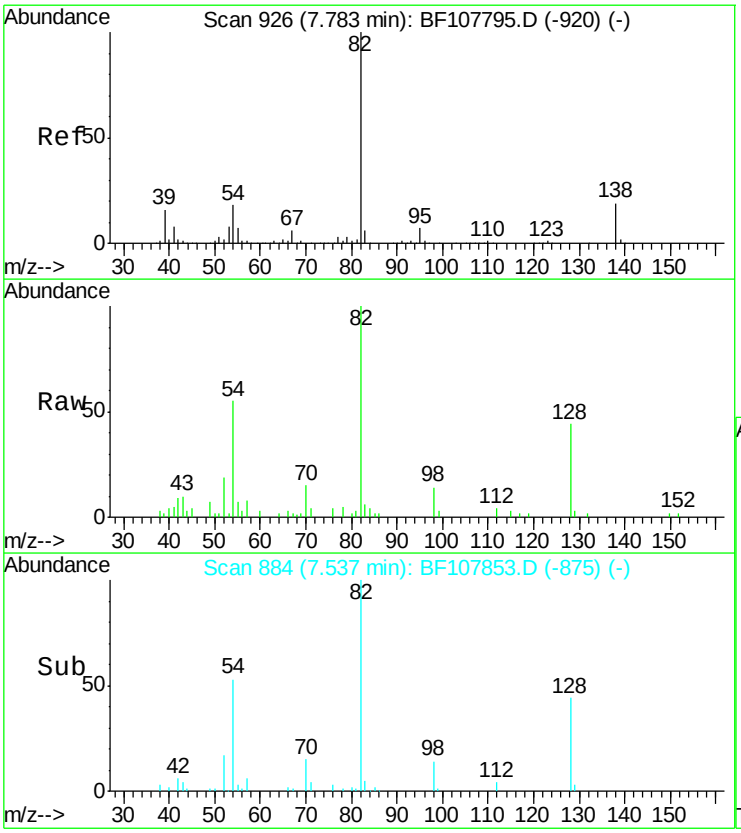
#23
Nitrobenzene-d5
Concen: 10.169 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion: 82 Resp: 110927

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	54.8	41.4	62.2

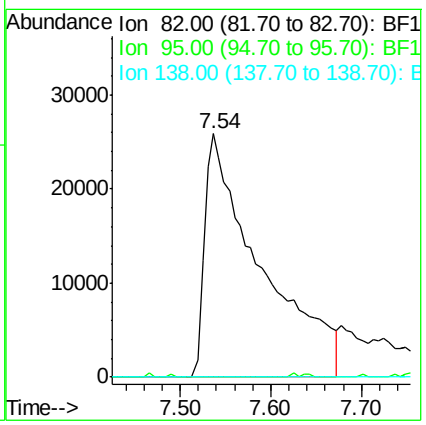


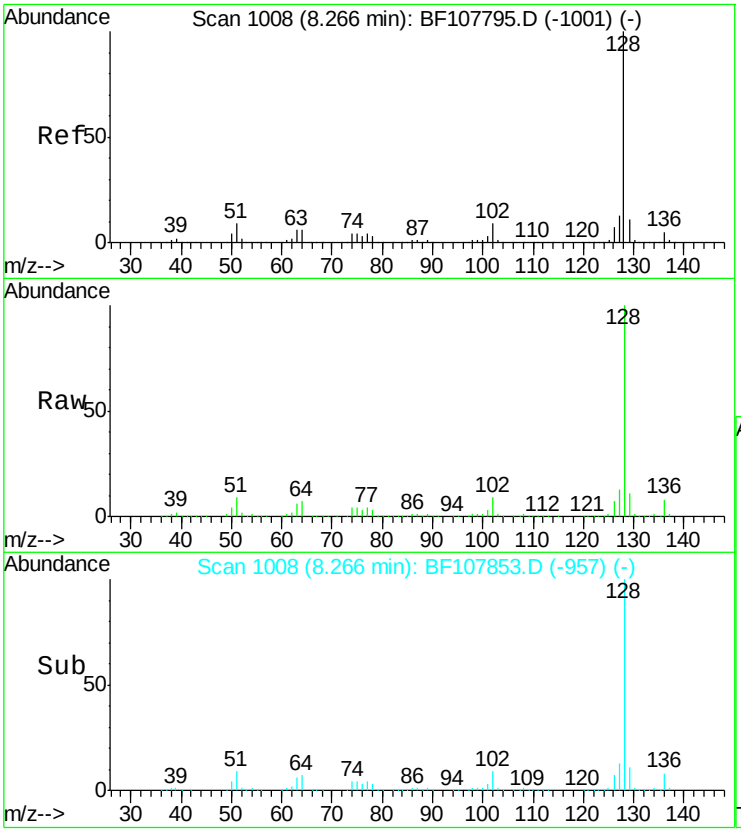


#25
Isophorone
Concen: 6.195 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion: 82 Resp: 110927

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



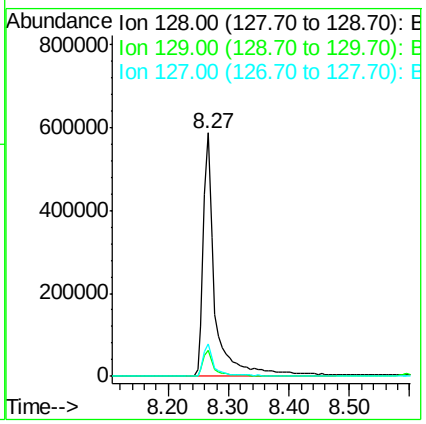


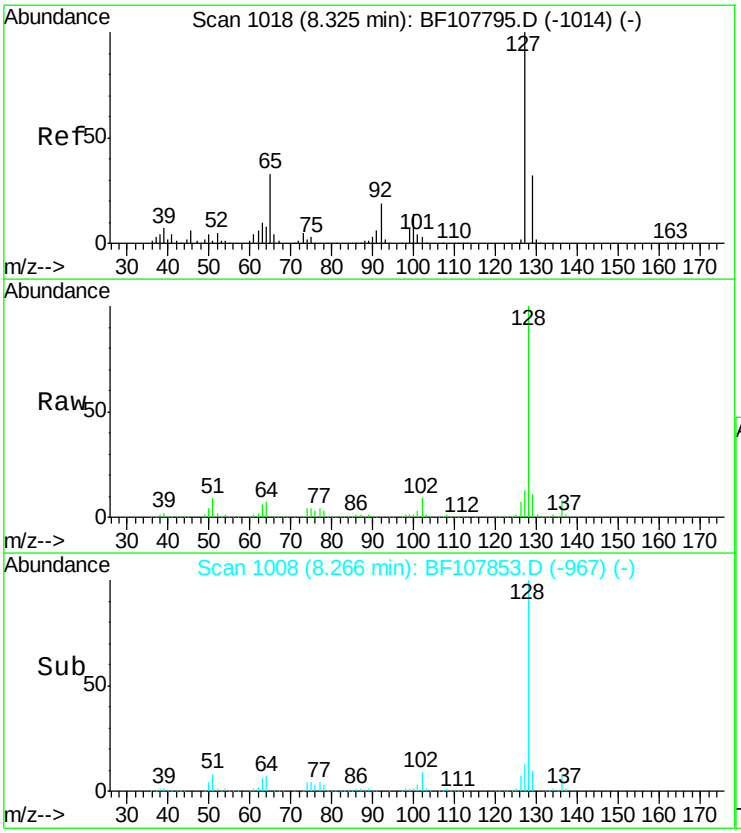
#31
Naphthalene
Concen: 27.423 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:128 Resp: 801072

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

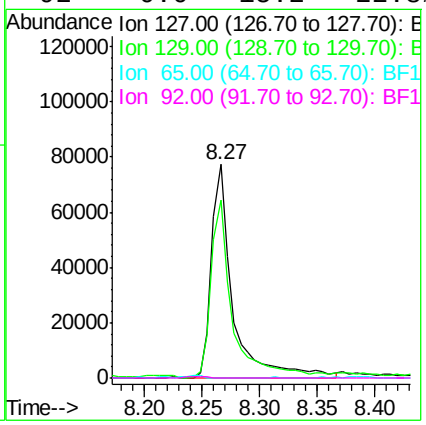


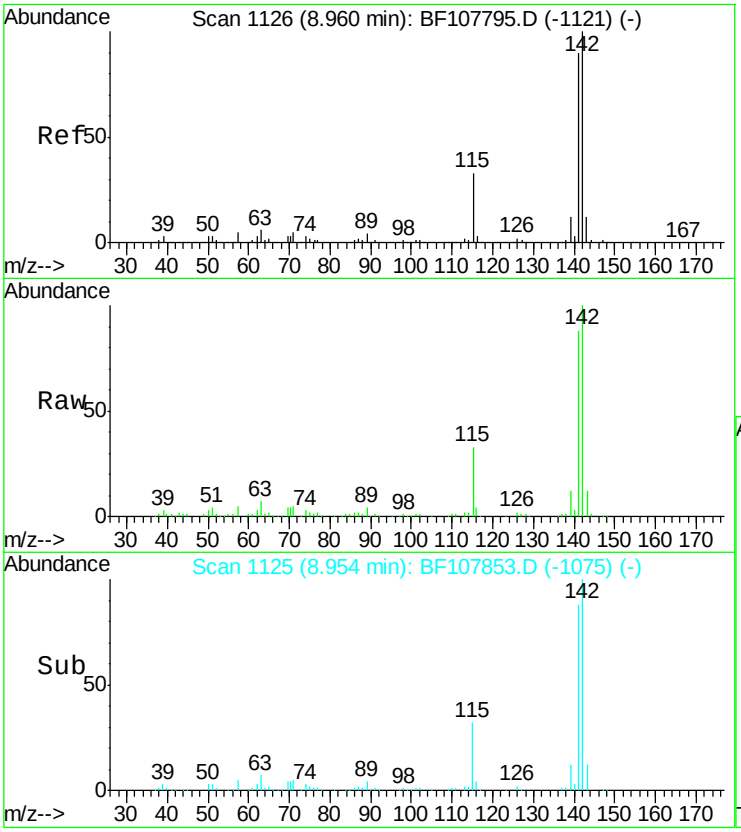


#33
4-Chloroaniline
Concen: 7.986 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:127 Resp: 99640

Ion	Ratio	Lower	Upper
127	100		
129	83.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



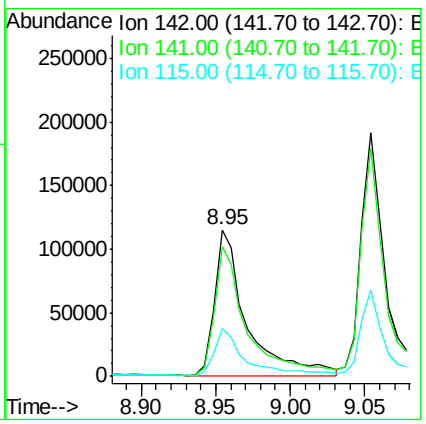


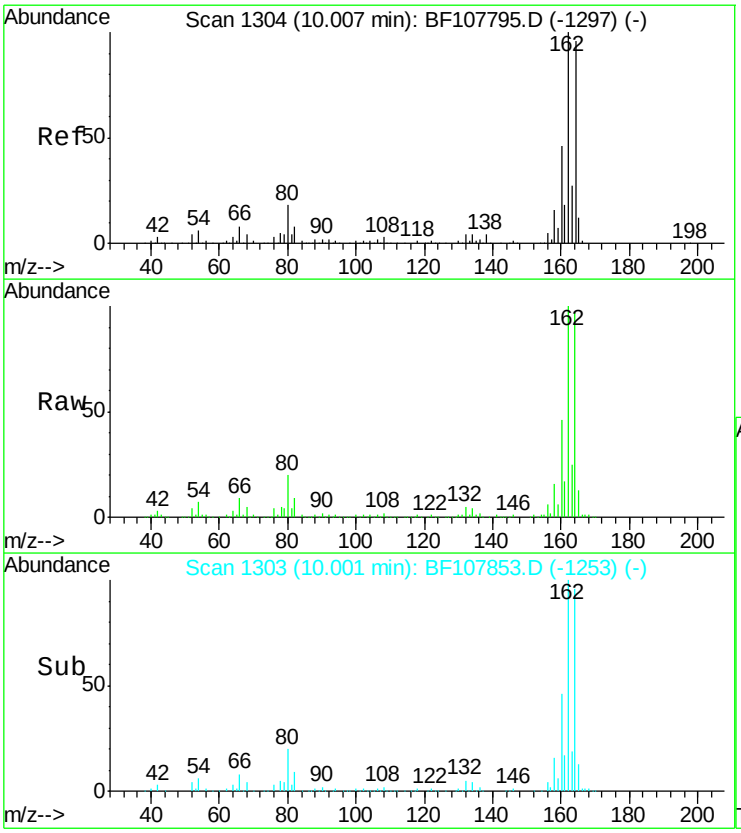
#37
2-Methylnaphthalene
Concen: 9.276 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:142 Resp: 170209

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	32.8	26.1	39.1

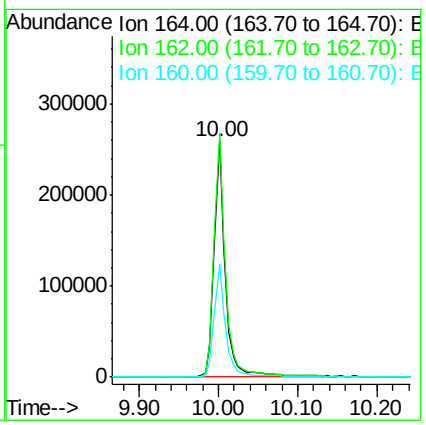


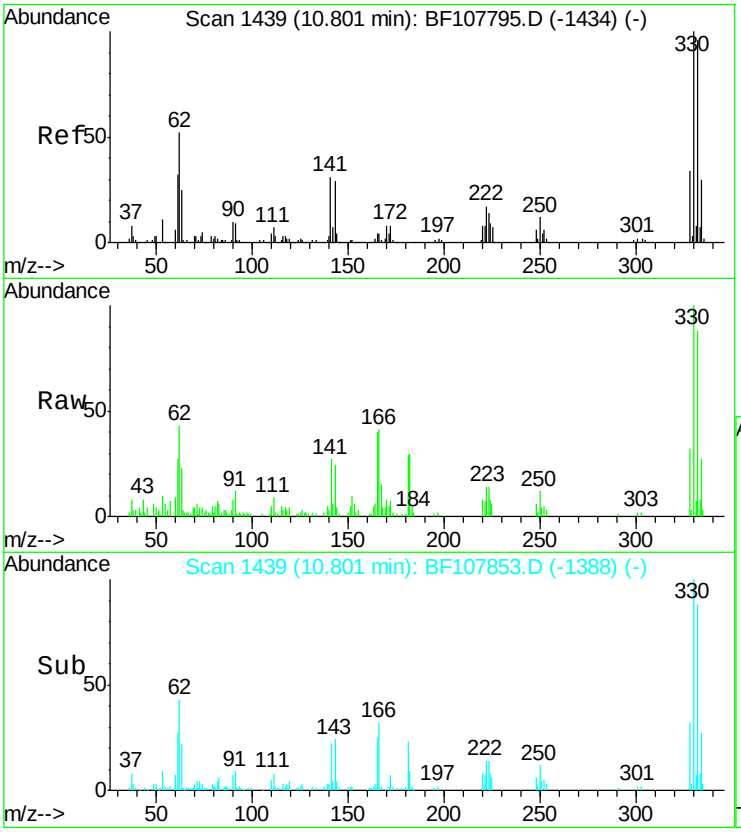


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:164 Resp: 260608

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.8	38.3	57.5



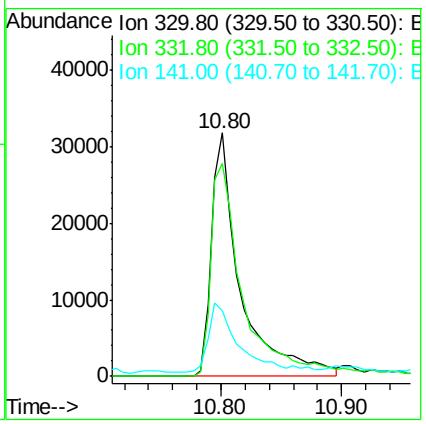


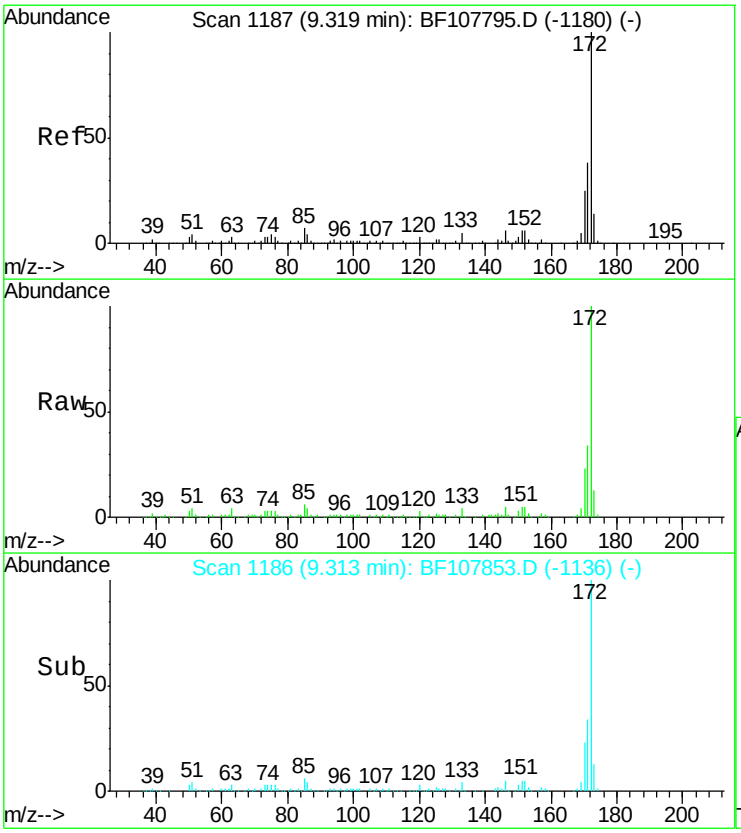
#41
2,4,6-Tribromophenol
Concen: 14.851 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:330 Resp: 52590

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	28.4	29.9	44.9#

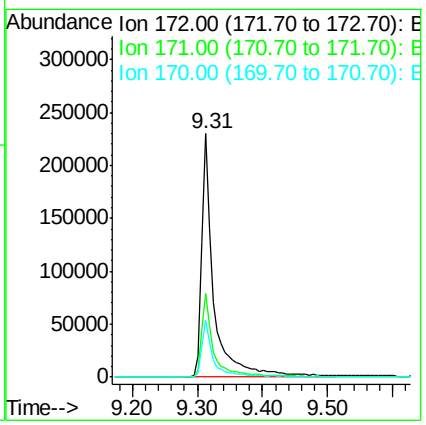


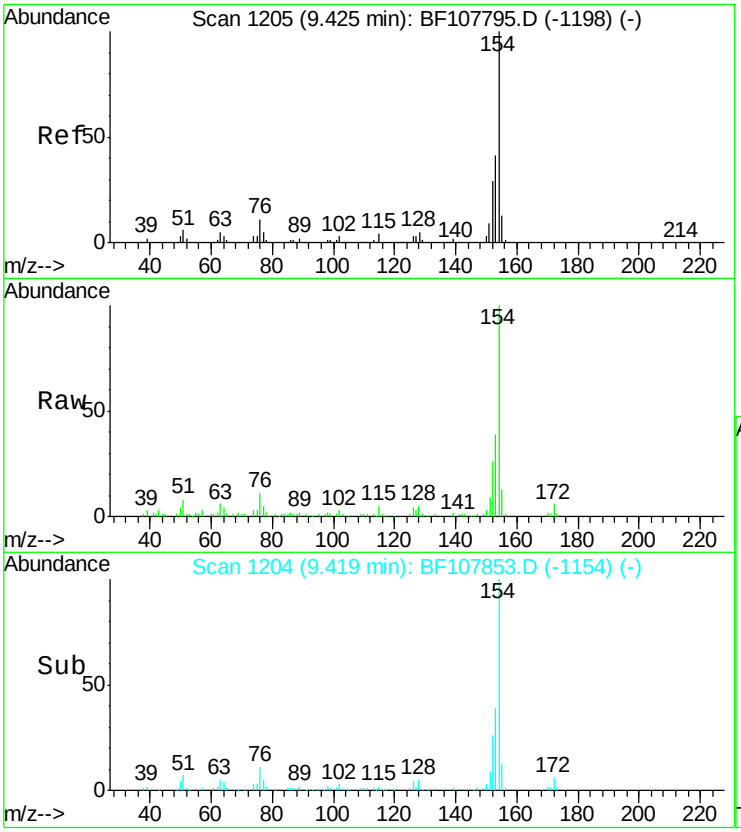


#44
2-Fluorobiphenyl
Concen: 16.098 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:172 Resp: 301067

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.1	19.6	29.4



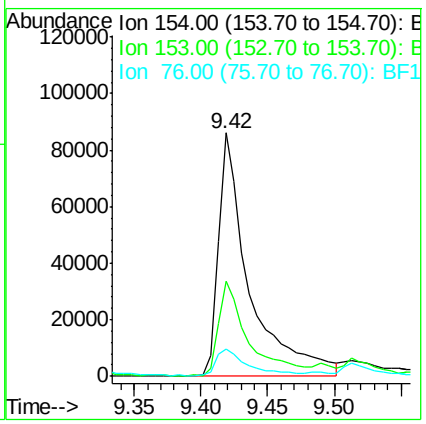


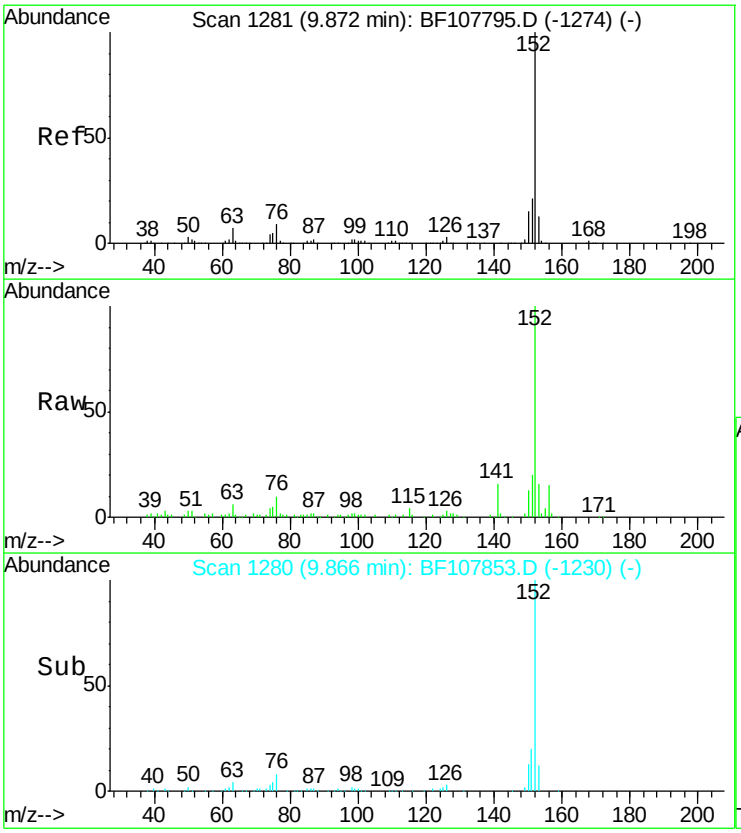
#45
1,1'-Biphenyl
Concen: 5.916 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:154 Resp: 140299

Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.3	61.3
76	11.5	0.0	34.0

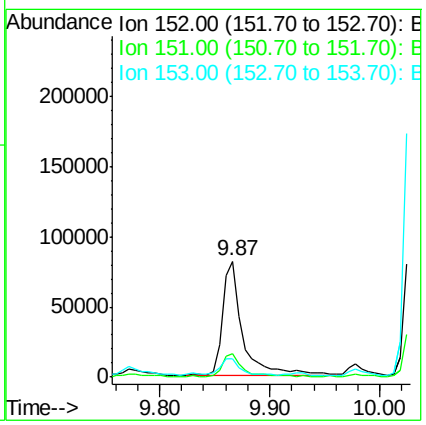


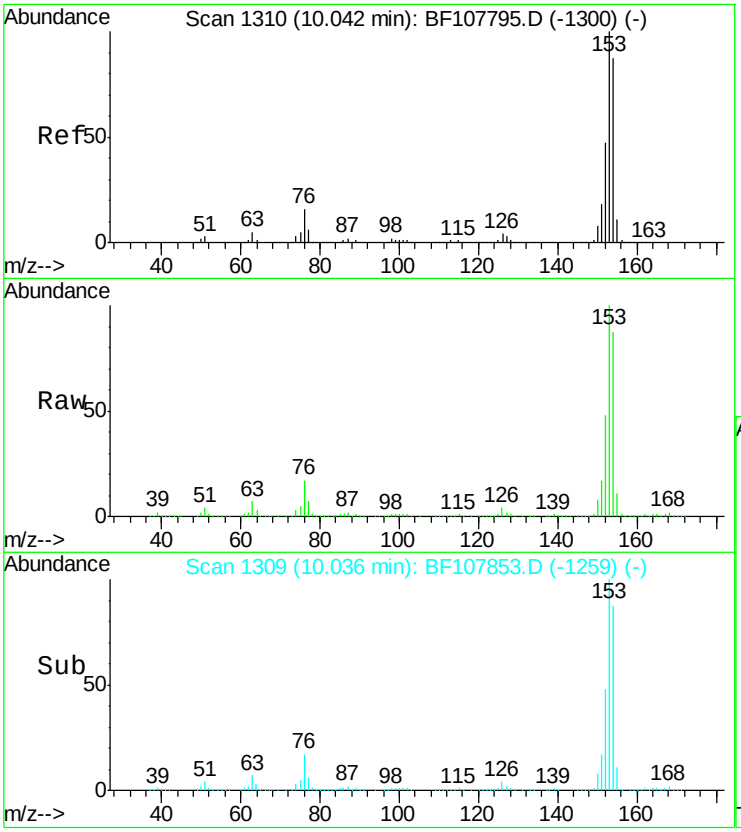


#48
Acenaphthylene
Concen: 3.833 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:152 Resp: 106285

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	15.8	10.7	16.1



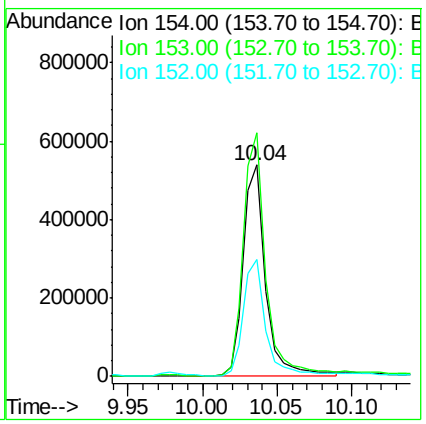


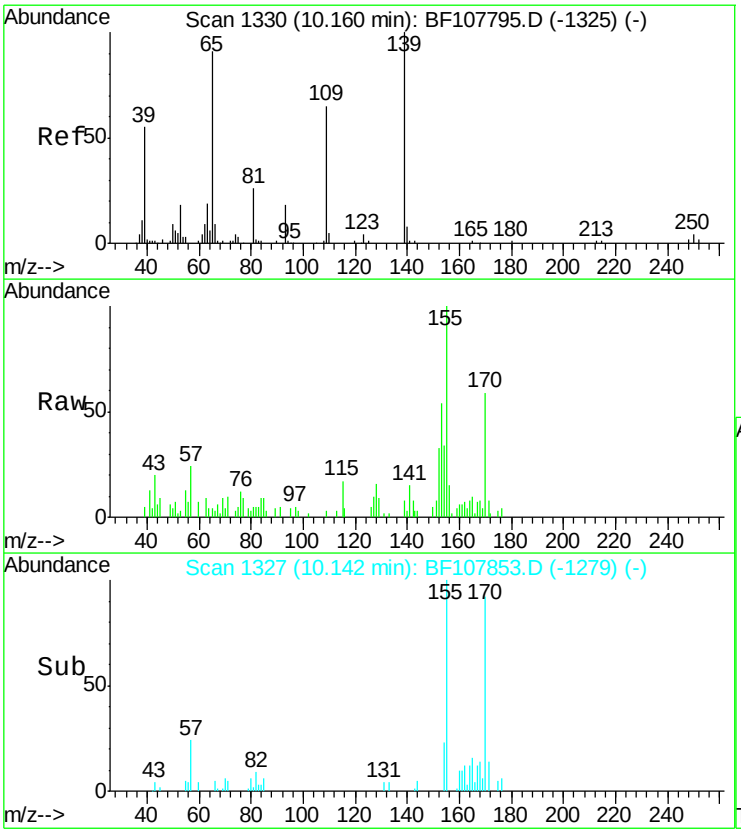
#51
Acenaphthene
Concen: 34.763 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:154 Resp: 559909

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.2	136.8
152	55.0	43.8	65.8

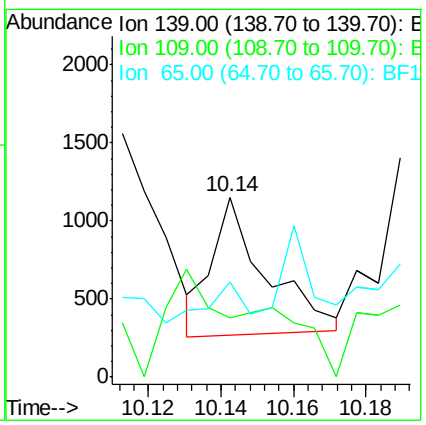


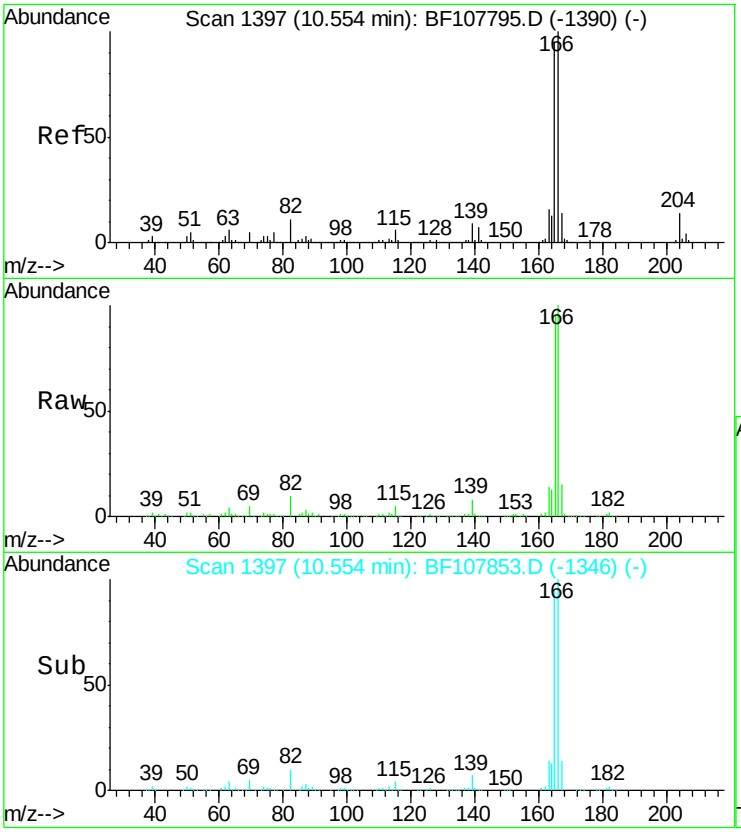


#55
4-Nitrophenol
Concen: 9.636 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:139 Resp: 924

Ion	Ratio	Lower	Upper
139	100		
109	32.8	48.4	88.4#
65	53.0	72.6	112.6#



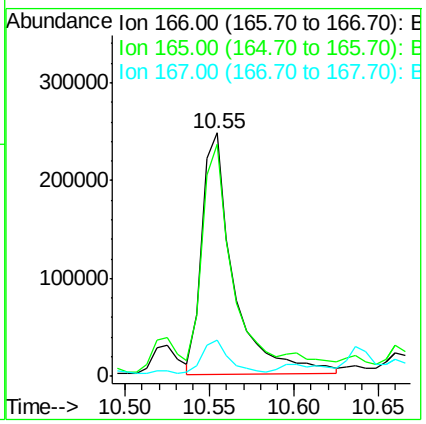


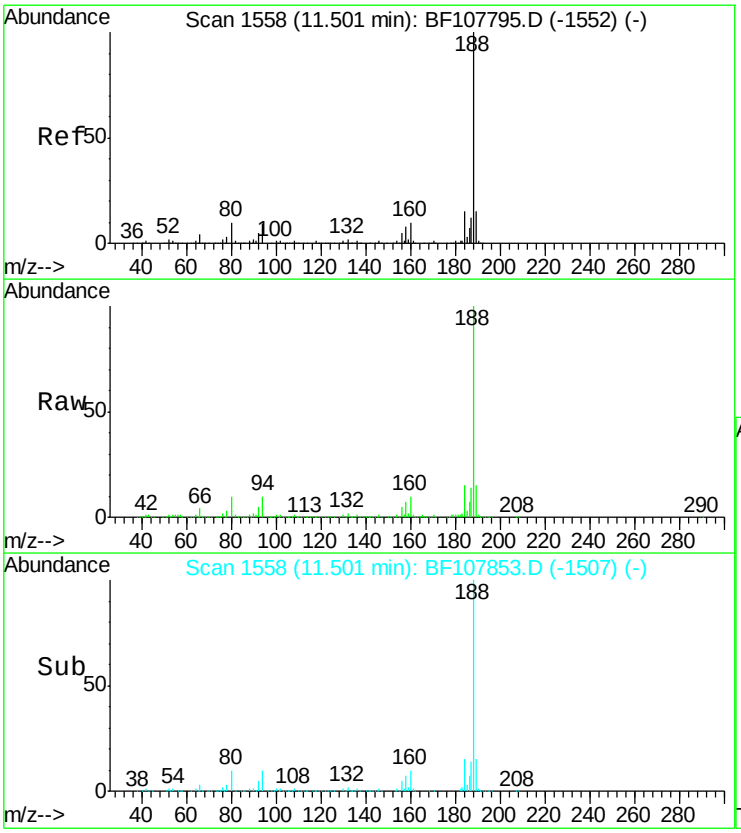
#57
Fluorene
Concen: 16.843 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:166 Resp: 325860

Ion	Ratio	Lower	Upper
166	100		
165	95.2	79.8	119.8
167	14.8	10.6	16.0

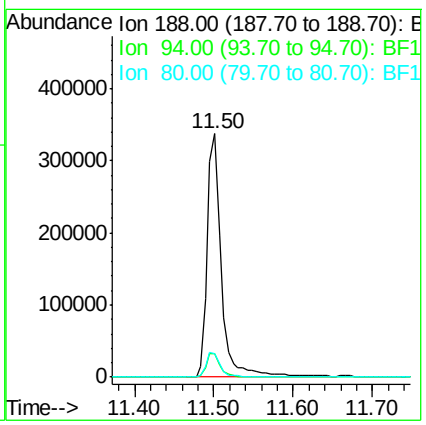


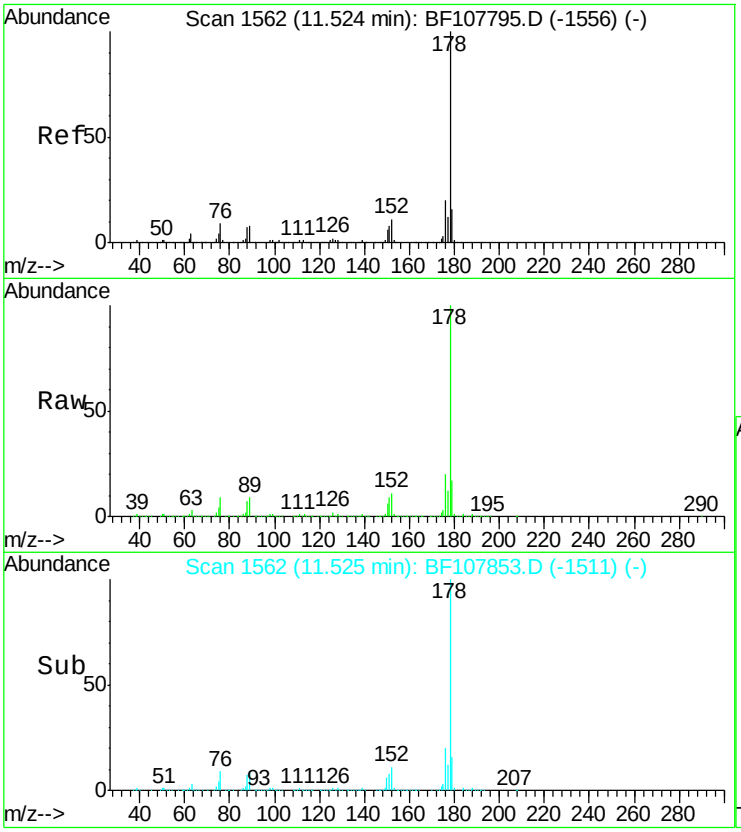


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:188 Resp: 422405

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	9.6	9.2	13.8



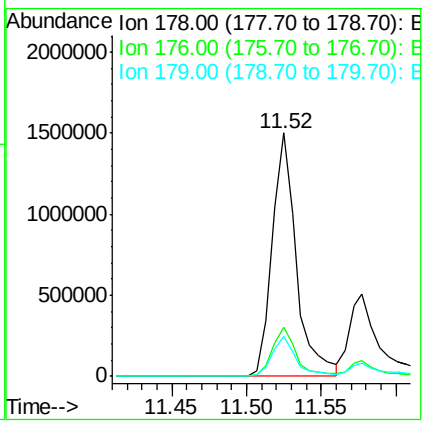


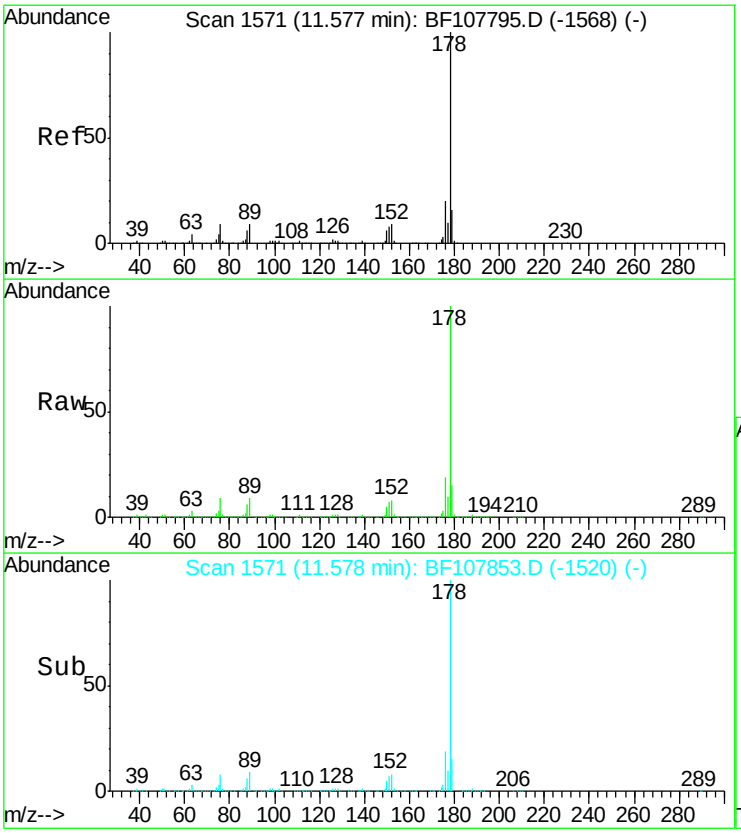
#70
Phenanthrene
Concen: 84.377 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:178 Resp: 1692364

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.6	13.0	19.6

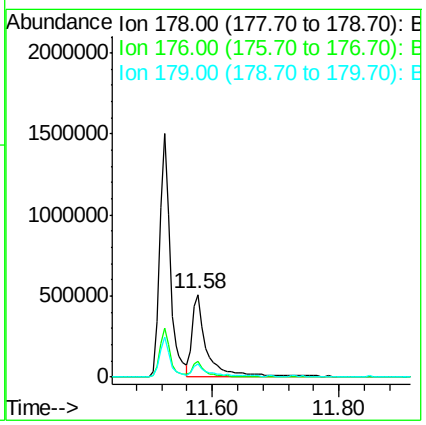


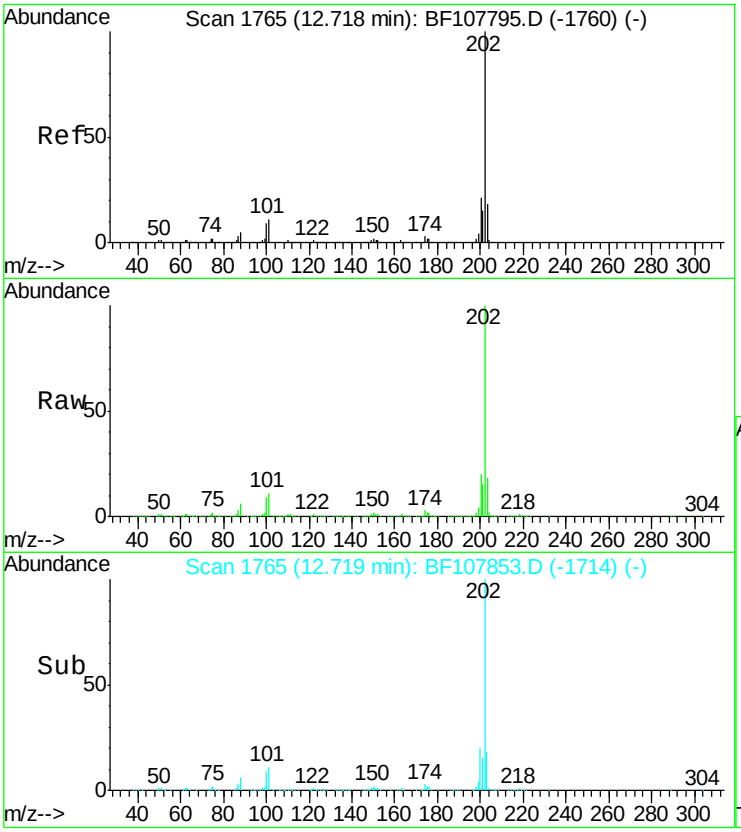


#71
Anthracene
Concen: 33.884 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:178 Resp: 783883

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.3	12.6	19.0



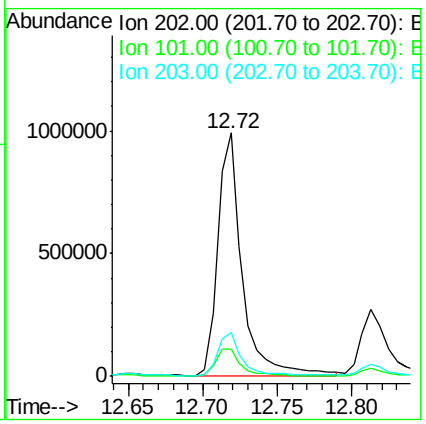


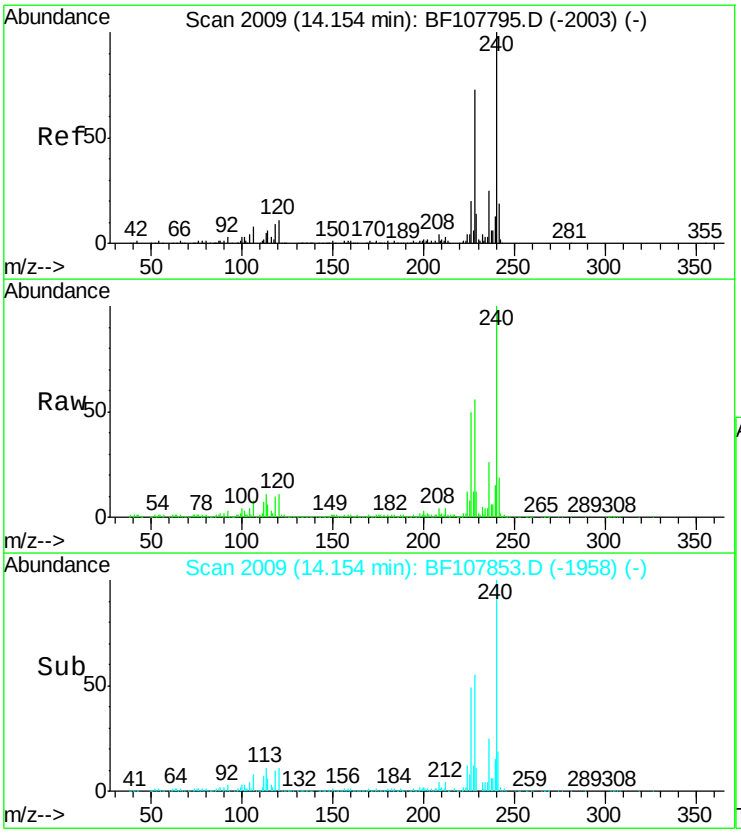
#74
Fluoranthene
Concen: 47.834 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:202 Resp: 1127110

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	18.1	0.0	38.1

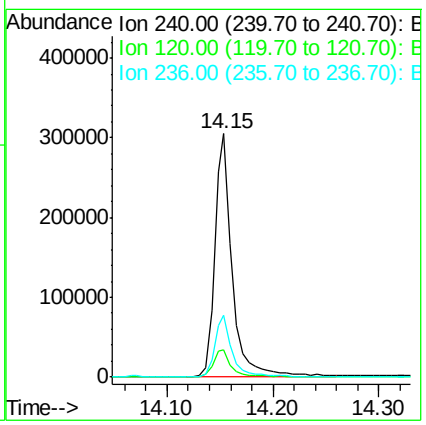


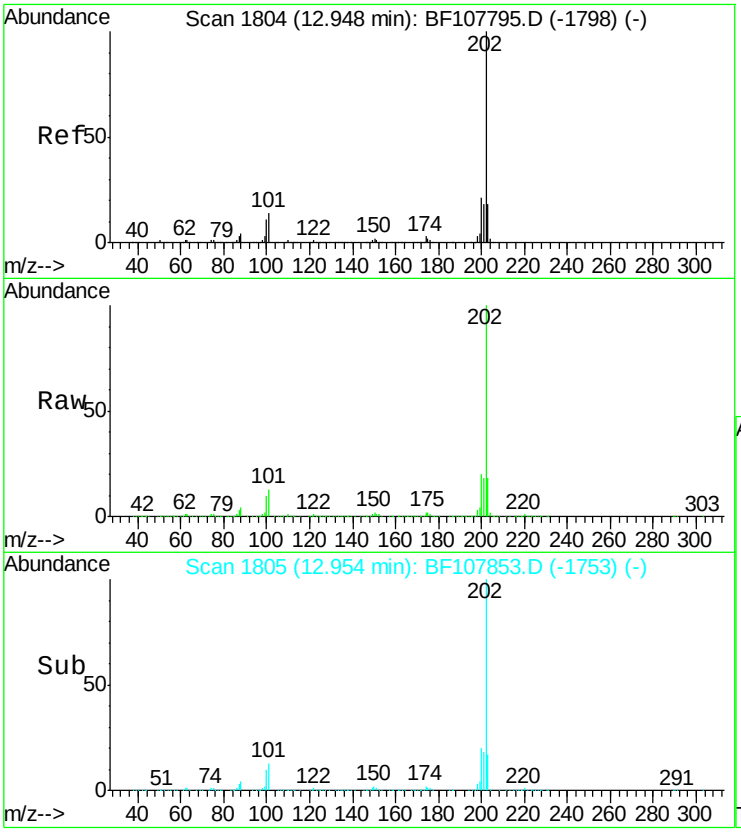


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:240 Resp: 353376

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.5	20.7	31.1



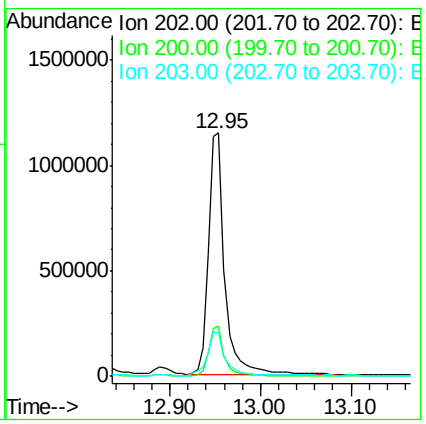


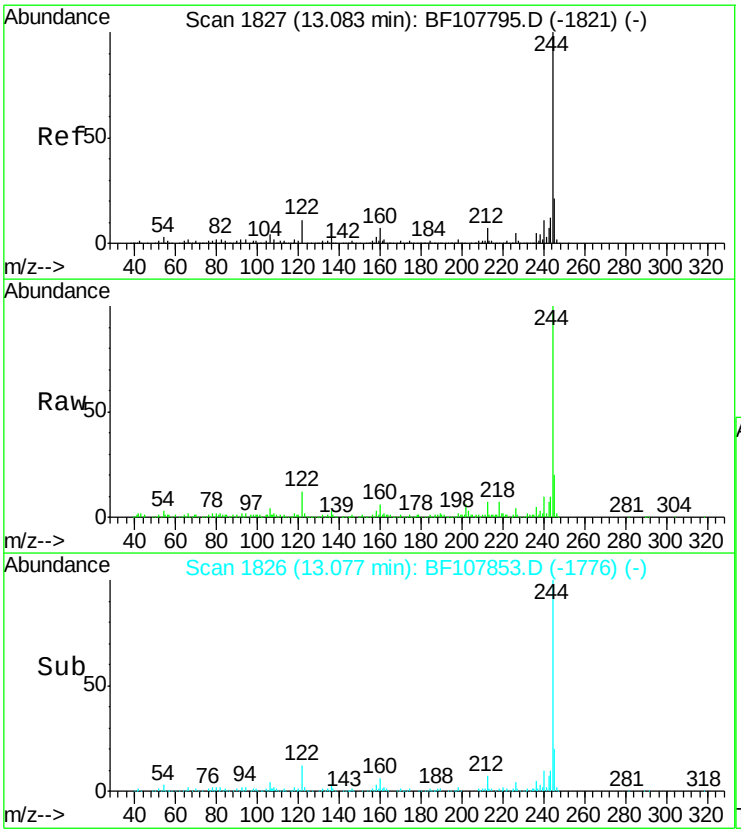
#77
Pyrene
Concen: 56.779 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:202 Resp: 1444799

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.2	14.3	21.5

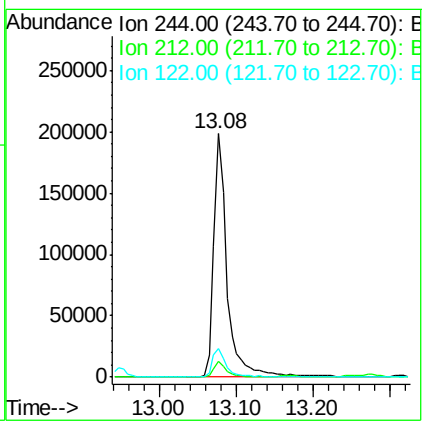


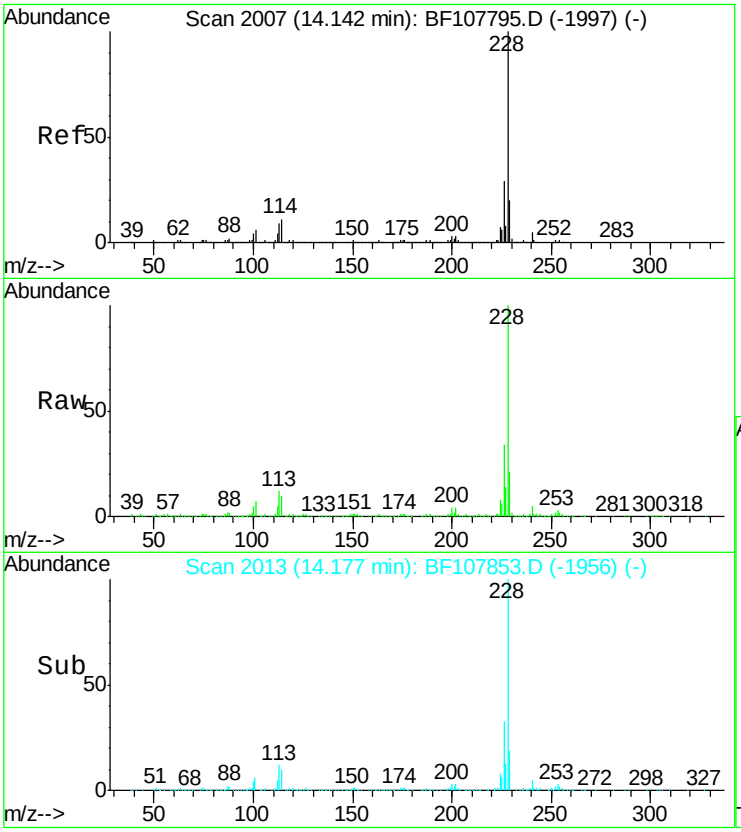


#78
Terphenyl-d14
Concen: 14.388 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:244 Resp: 234475

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.6	11.0	16.4



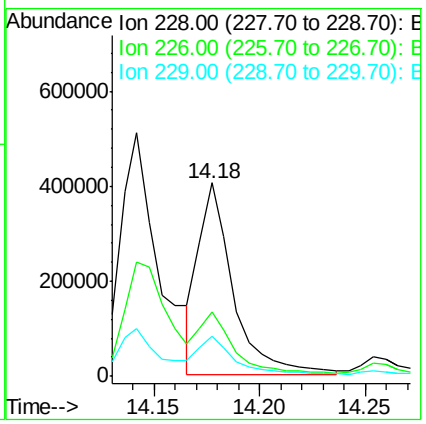


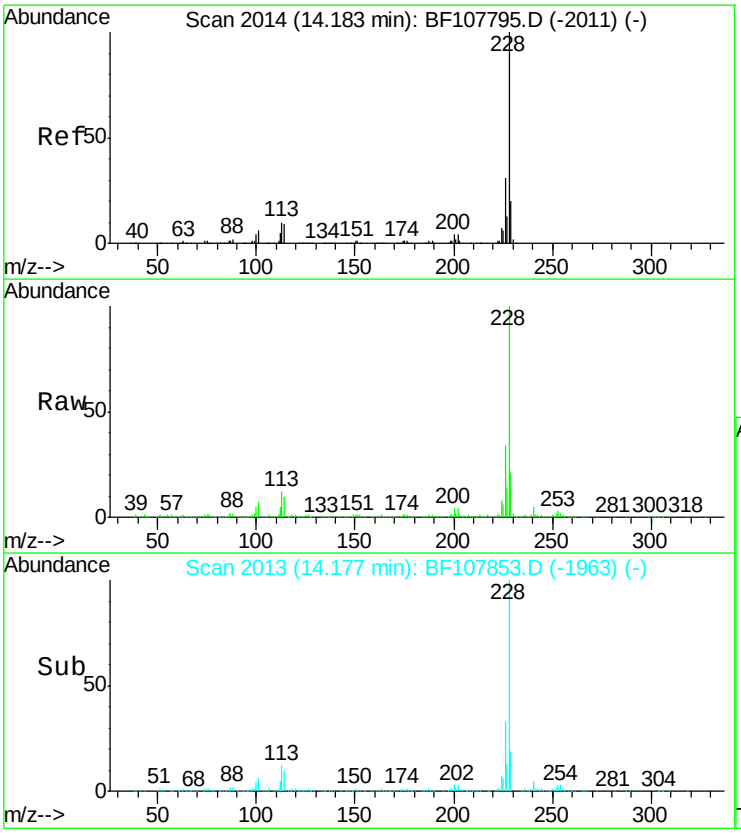
#80
Benzo(a)anthracene
Concen: 23.241 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:228 Resp: 465223

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.6	33.8
229	20.7	15.8	23.6

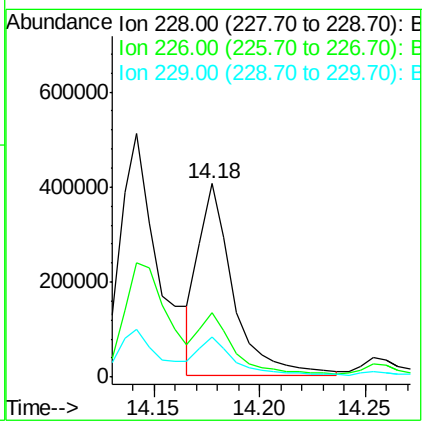


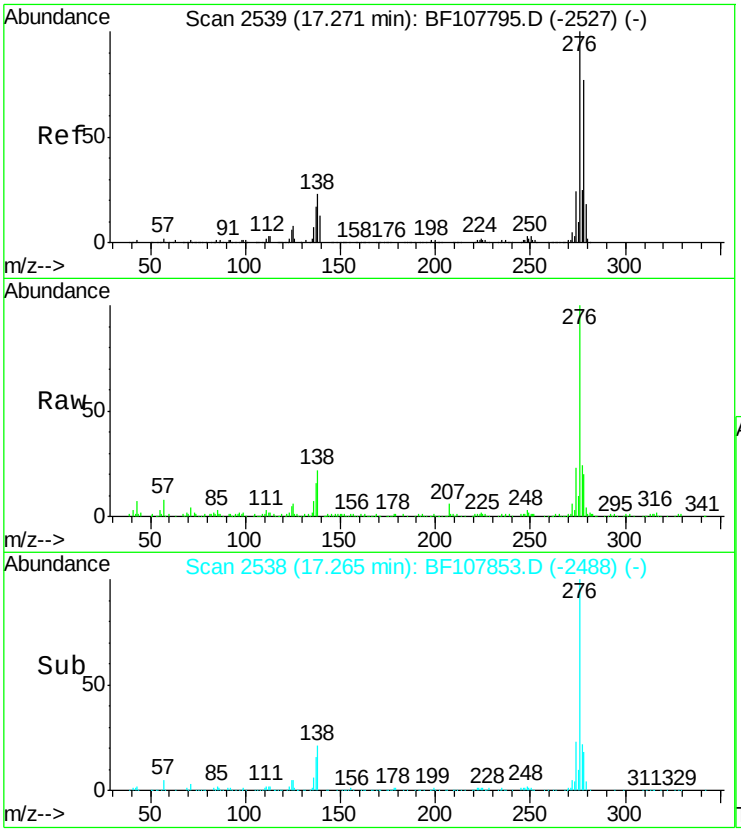


#82
Chrysene
Concen: 21.547 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:228 Resp: 465223

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.0	37.6
229	20.7	16.2	24.4



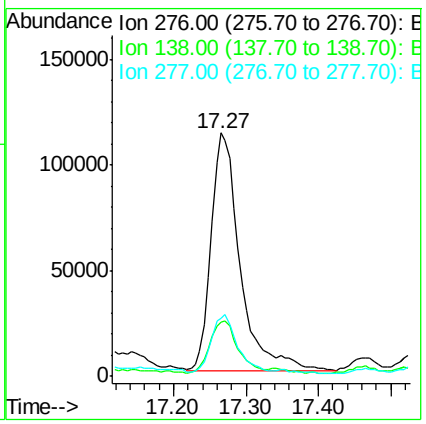


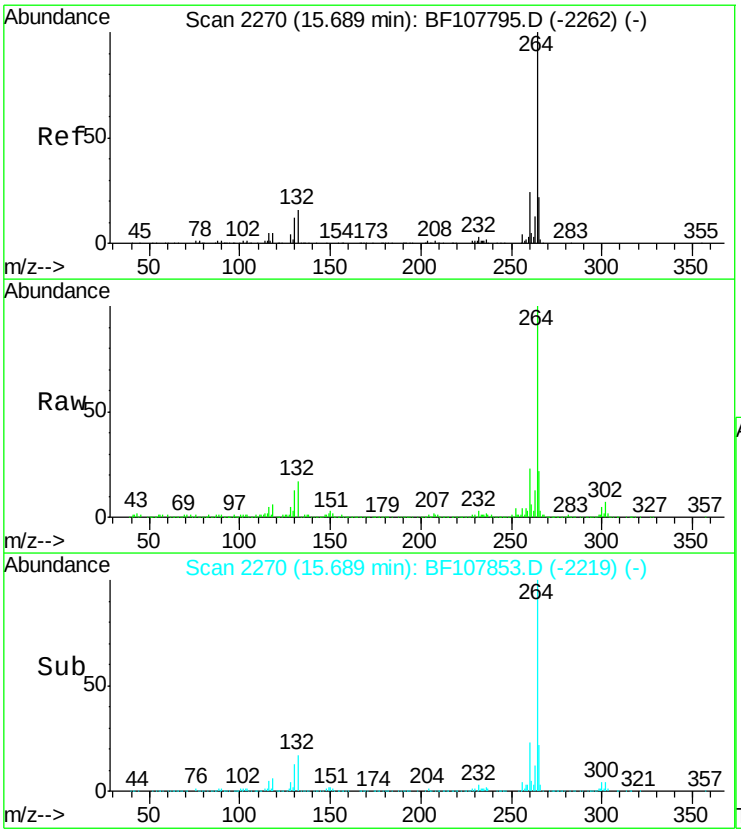
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.105 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:276 Resp: 313762

Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	20.9	20.1	30.1

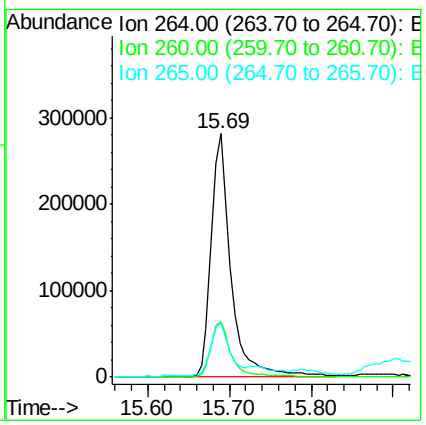


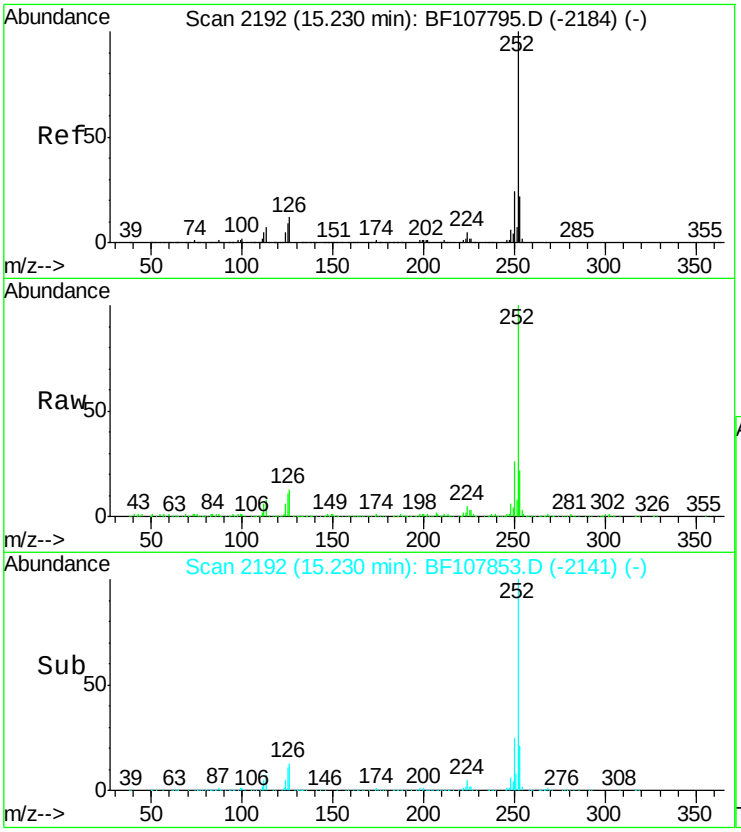


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:264 Resp: 473806

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.3	17.5	26.3



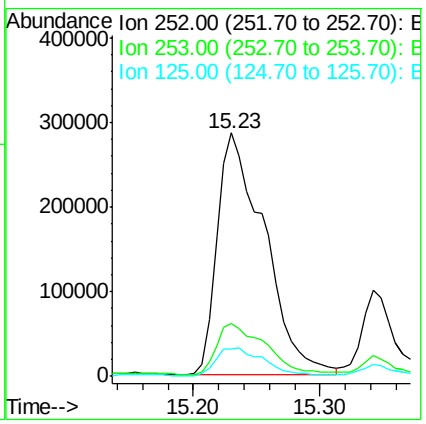


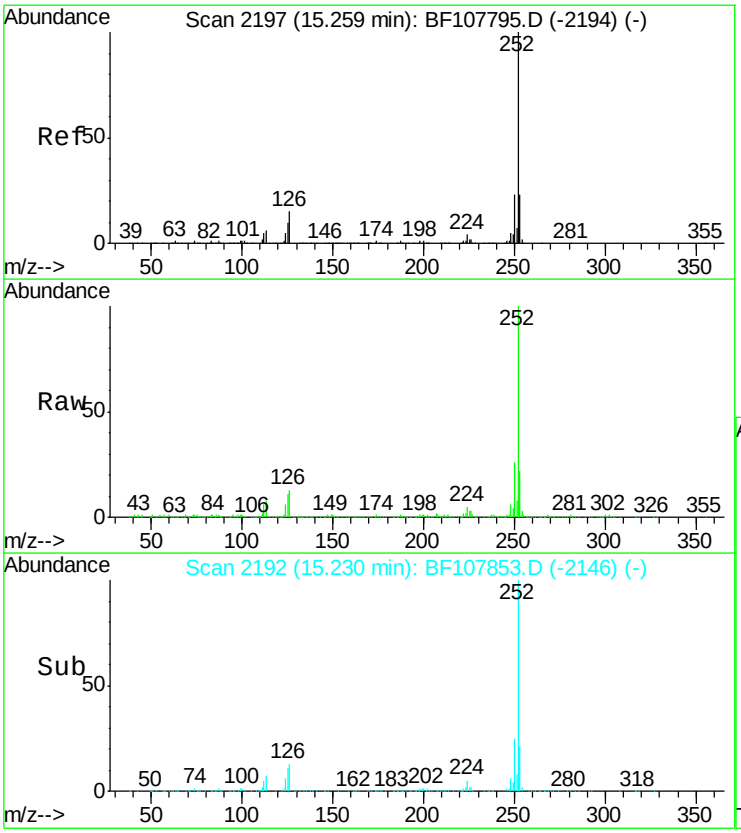
#87
Benzo(b)fluoranthene
Concen: 31.748 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:252 Resp: 741892

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.4	9.0	13.6

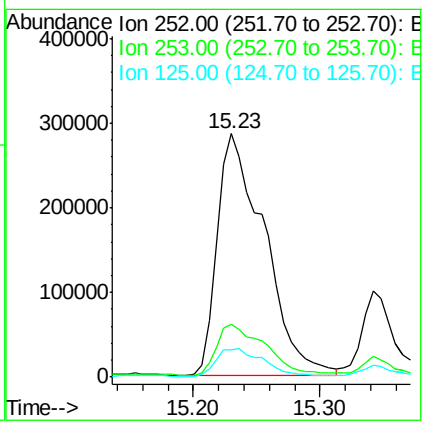


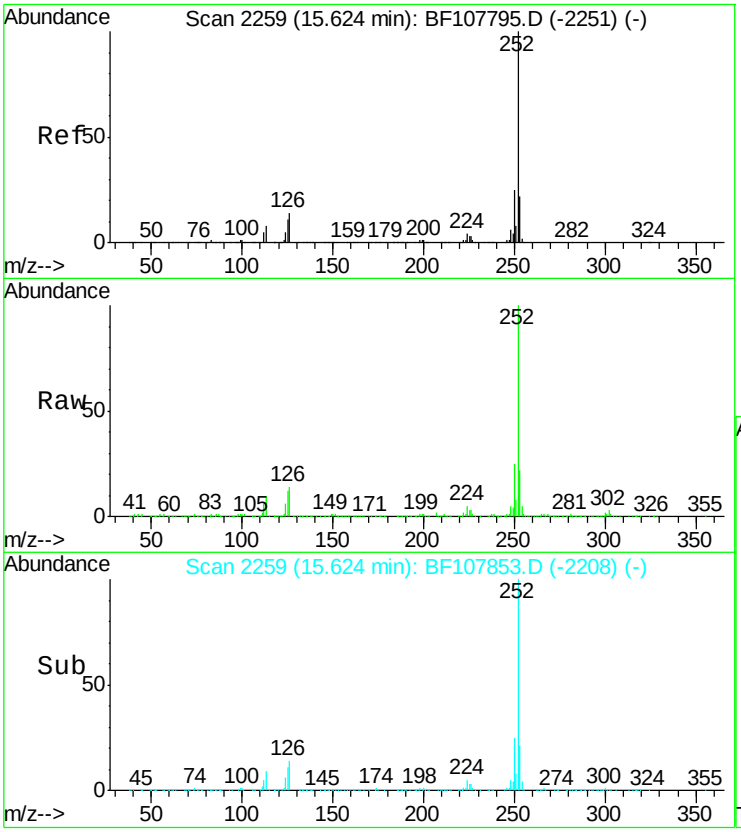


#88
Benzo(k)fluoranthene
Concen: 25.859 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:252 Resp: 741892

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.4	10.2	15.2



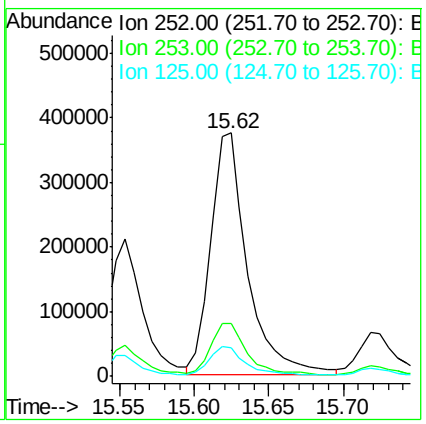


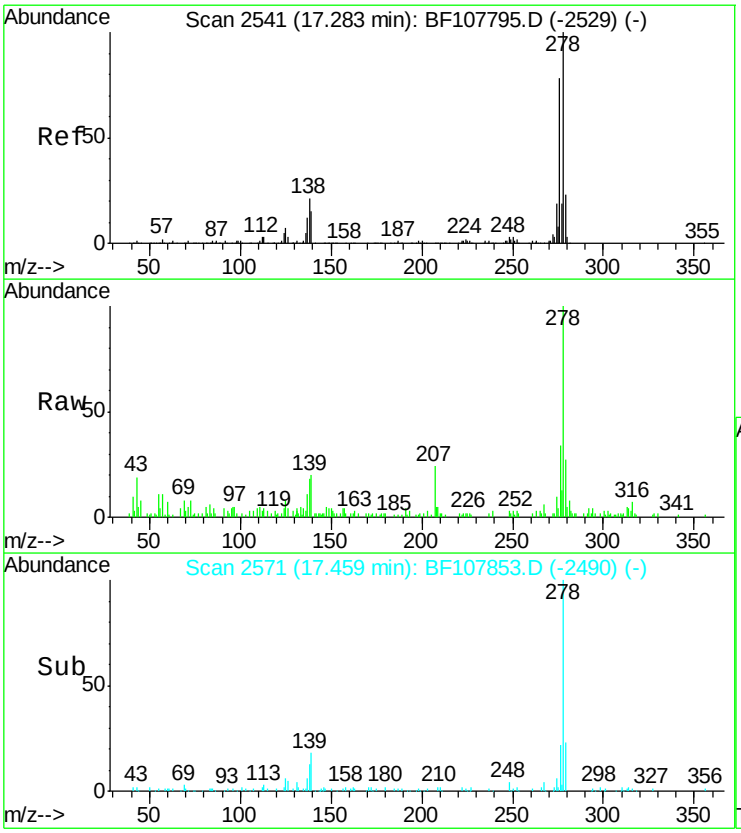
#89
Benzo(a)pyrene
Concen: 26.527 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:252 Resp: 639947

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.0	9.8	14.6

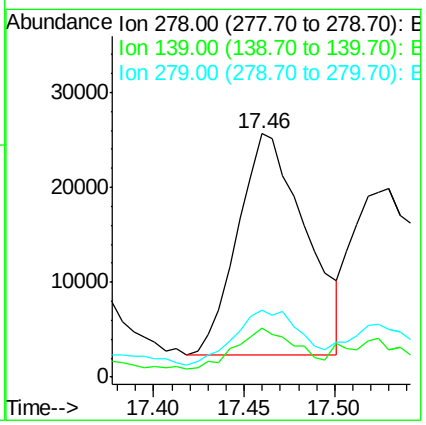


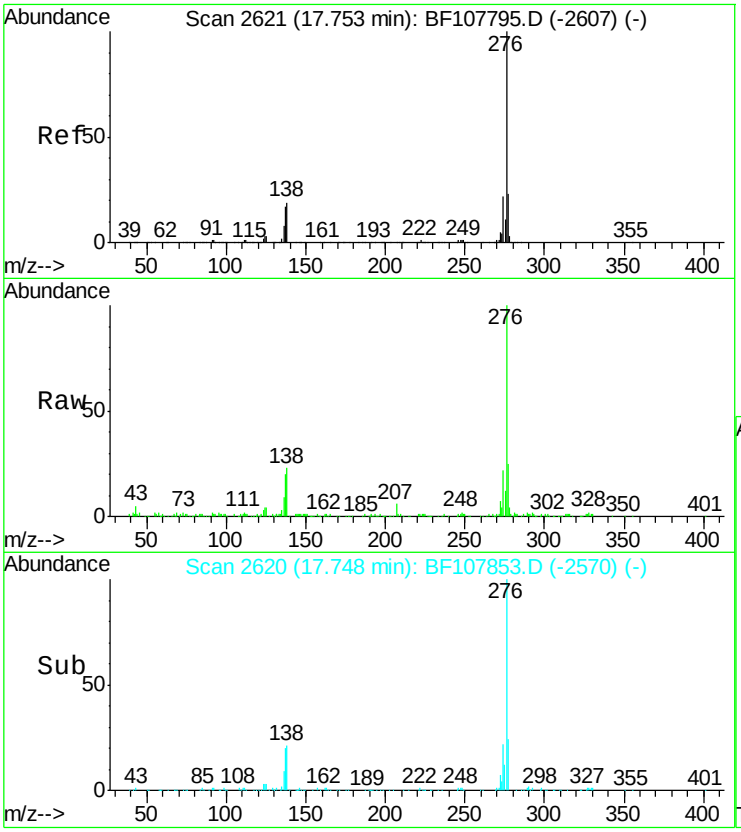


#90
Dibenzo(a,h)anthracene
Concen: 2.903 ng
RT: 17.46 min Scan# 2571
Delta R.T. 0.18 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Tgt Ion:278 Resp: 61094

Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	27.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 15.911 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107853.D
Acq: 31 Jul 2018 16:59

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-6

Tgt Ion:276 Resp: 323964

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	23.0	21.8	32.8