Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107852.D
Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

Quant Time: Jul 31 16:59:06 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	136015	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	649188	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	249536	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	357476	20.00	ng		0.00
75) Chrysene-d12	14.16	240	311858	20.00	ng		0.00
86) Perylene-d12	15.70	264	504883	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	12989	1.62	ng		0.02
7) Phenol-d6	6.64	99	88427	8.38	ng		0.03
23) Nitrobenzene-d5	7.55	82	56819	5.04	ng		0.01
41) 2,4,6-Tribromophenol	10.80	330	27458	8.10	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	160245	8.95	ng		0.00
78) Terphenyl-d14	13.08	244	137713	9.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	291	5.862	ng	#	20
3) Pyridine	3.71	79	141	6.267	ng	#	1
31) Naphthalene	8.27	128	214543	7.109	ng		98
33) 4-Chloroaniline	8.27	127	27048	2.098	ng	#	35
37) 2-Methylnaphthalene	8.96	142	60499	3.192	ng		93
45) 1,1'-Biphenyl	9.42	154	552795	24.342	ng		97
48) Acenaphthylene	9.87	152	410040	15.445	ng		98
51) Acenaphthene	10.04	154	1836661	119.093	ng		98
53) 2,4-Dinitrophenol	10.29	184	1102	8.900	ng	#	1
54) Dibenzofuran	10.21	168	238693	10.014	ng		97
55) 4-Nitrophenol	10.10	139	14730	14.701	ng	#	28
57) Fluorene	10.56	166	1403764	75.776	ng		95
70) Phenanthrene	11.55	178	5535808	326.133	ng		93
71) Anthracene	11.60	178	3410590	174.202	ng		95
72) Carbazole	11.75	167	53609	2.771	ng	#	79
74) Fluoranthene	12.74	202	4224858	211.866	ng		95
77) Pyrene	12.90	202	237437	10.573	ng		96
80) Benzo(a)anthracene	14.15	228	2391549	135.378	ng	#	68
81) 3,3'-Dichlorobenzidine	14.18	252	40738	5.949	ng	#	1
82) Chrysene	14.19	228	2080885	109.209	ng		95
83) Bis(2-ethylhexyl)phthalate	14.10	149	46556	3.766	ng		99
85) Indeno(1,2,3-cd)pyrene	17.29	276	1509197	104.132	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	3252949	130.636	ng		97
88) Benzo(k)fluoranthene	15.25	252	3252949	106.403	ng		99
89) Benzo(a)pyrene	15.65	252	2773891	107.907	ng		97
90) Dibenzo(a,h)anthracene	17.37	278	105534	4.706	ng		97
91) Benzo(g,h,i)perylene	17.78	276	1599588	73.725	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
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Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Quant Time: Jul 31 16:59:06 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
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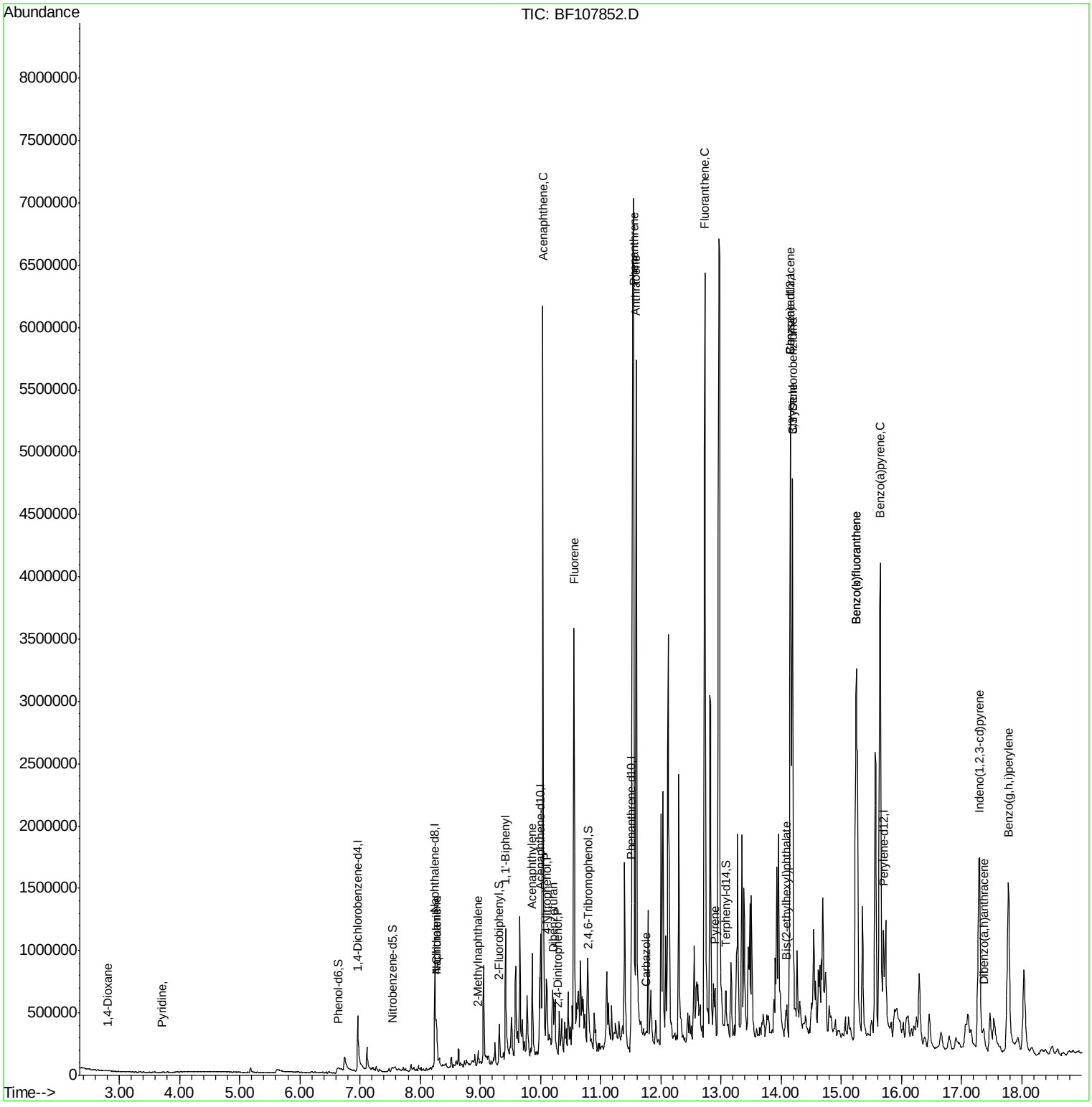
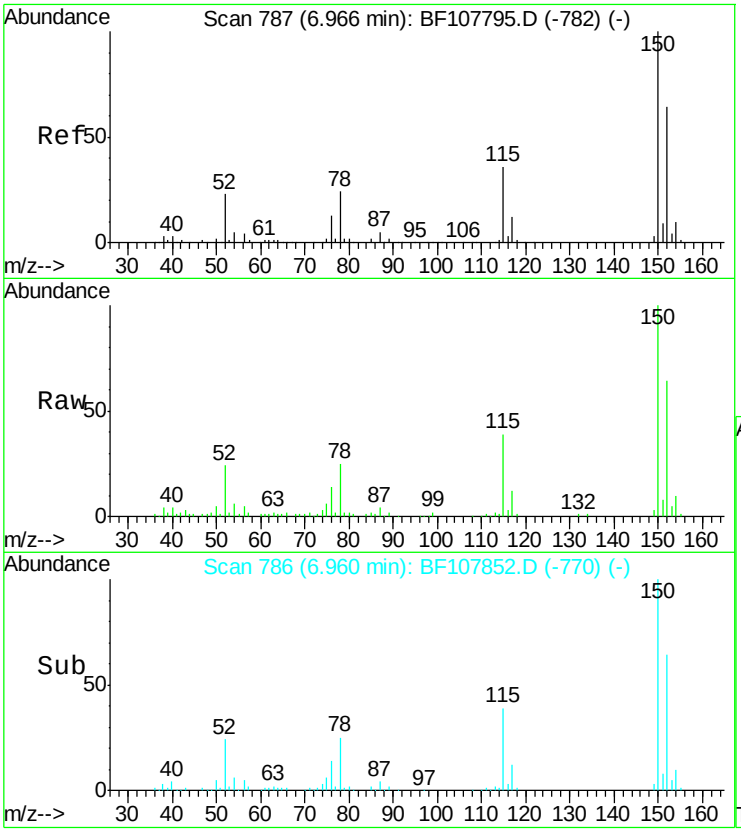


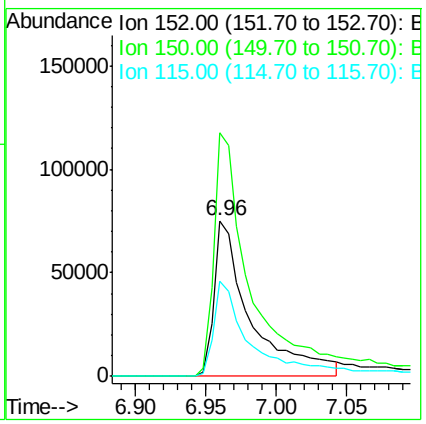


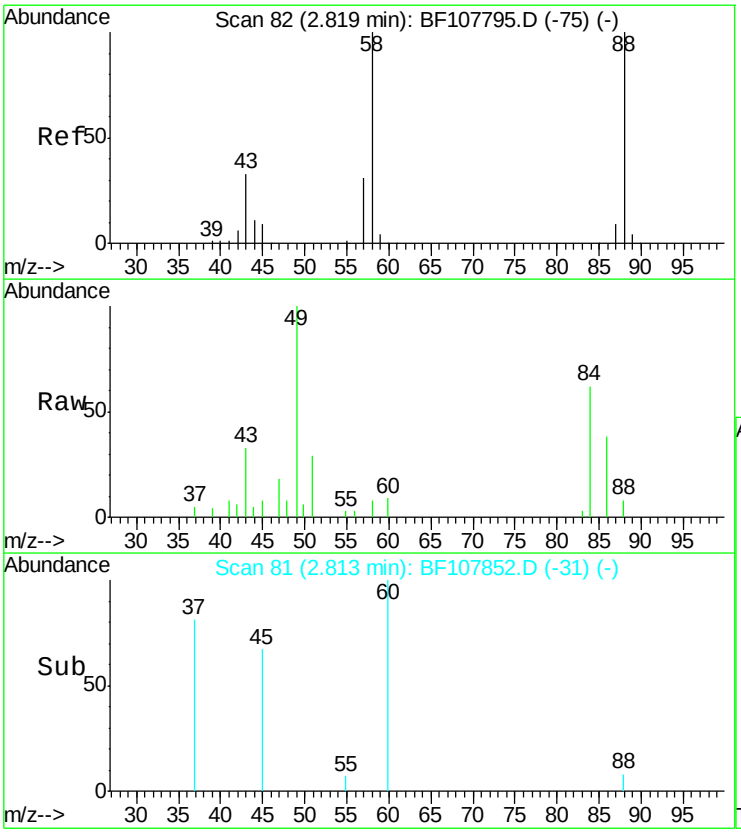
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:152 Resp: 136015

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.0	50.1	75.1

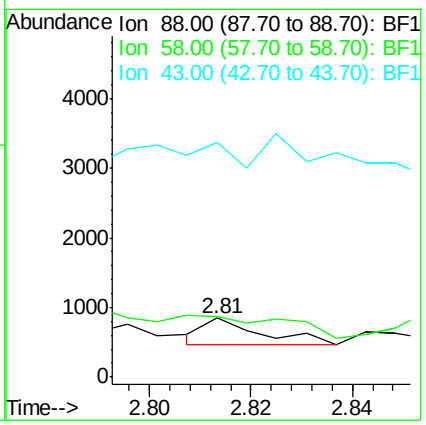


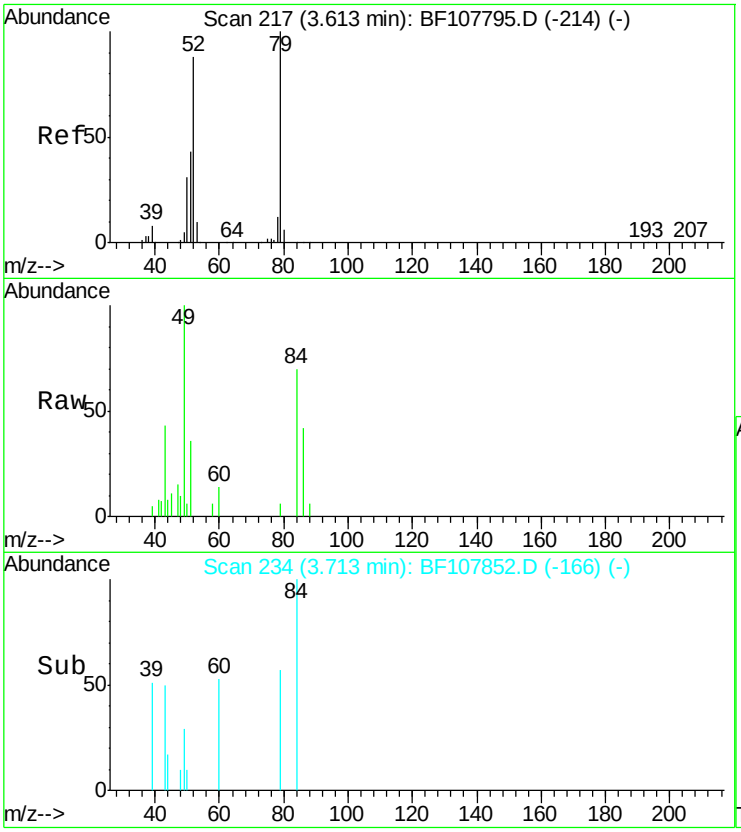


#2
1,4-Dioxane
Concen: 5.862 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion: 88 Resp: 291

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



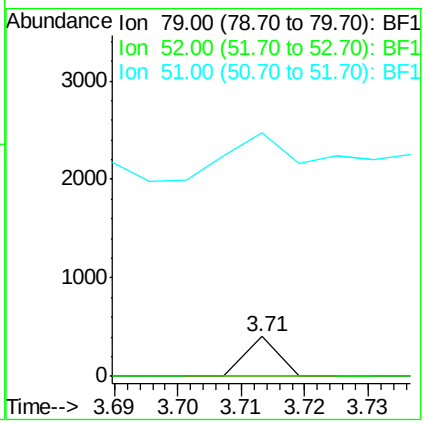


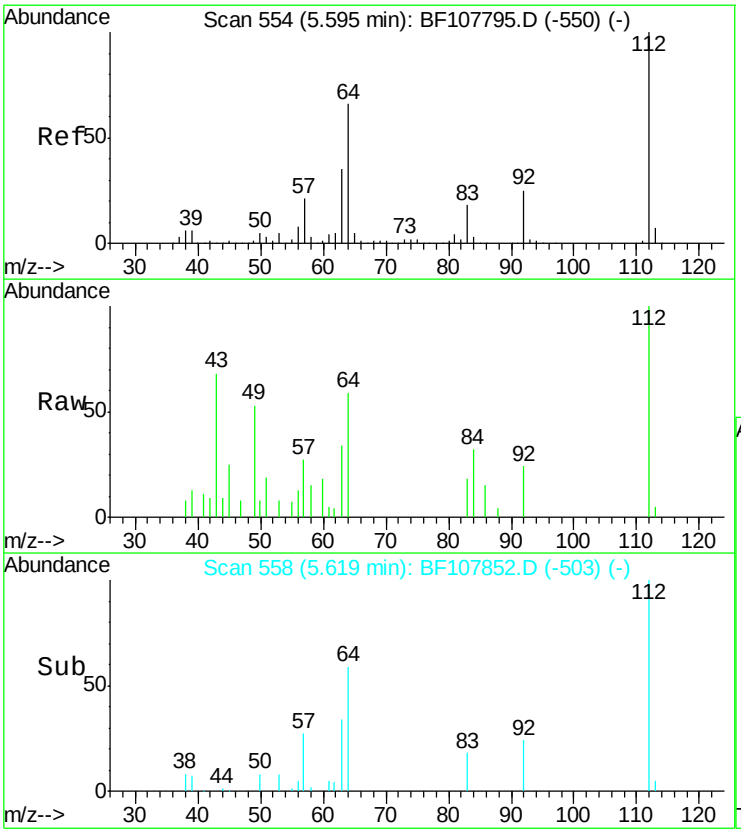
#3
Pyridine
Concen: 6.267 ng
RT: 3.71 min Scan# 234
Delta R.T. 0.10 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion: 79 Resp: 141

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	616.5	29.8	44.8#

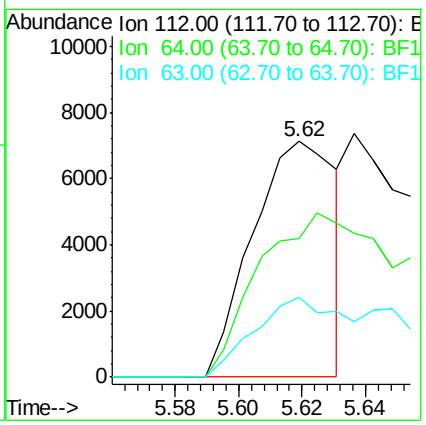


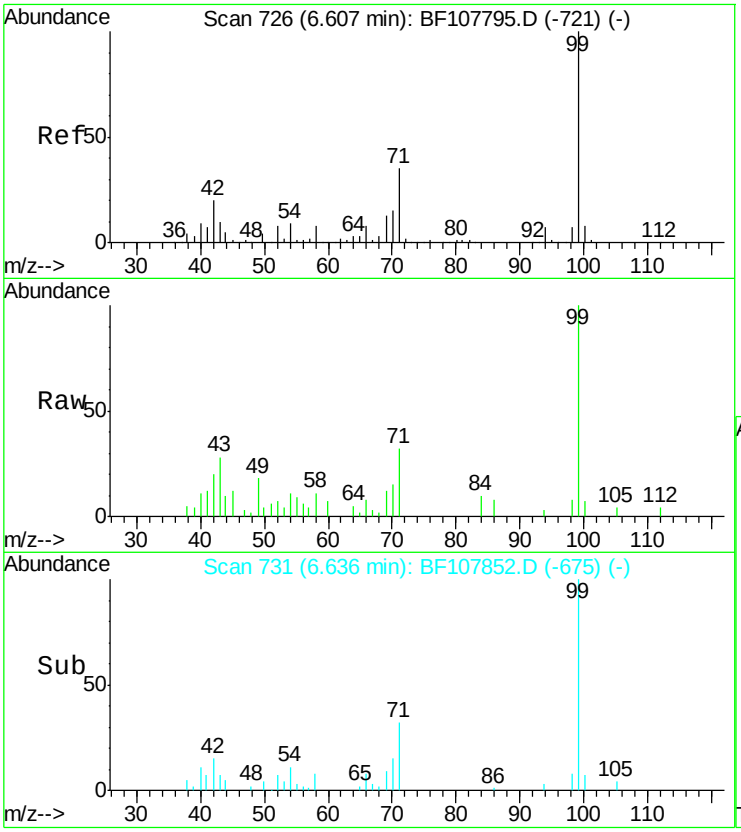


#5
2-Fluorophenol
Concen: 1.623 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:112 Resp: 12989

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	33.9	23.7	35.5



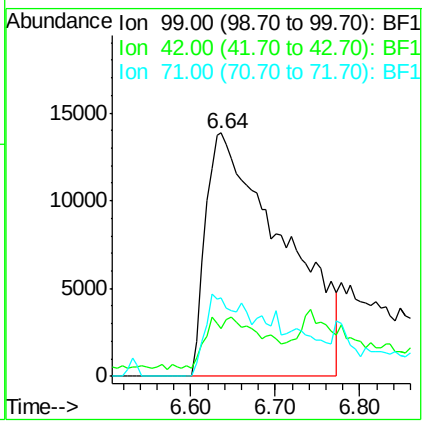


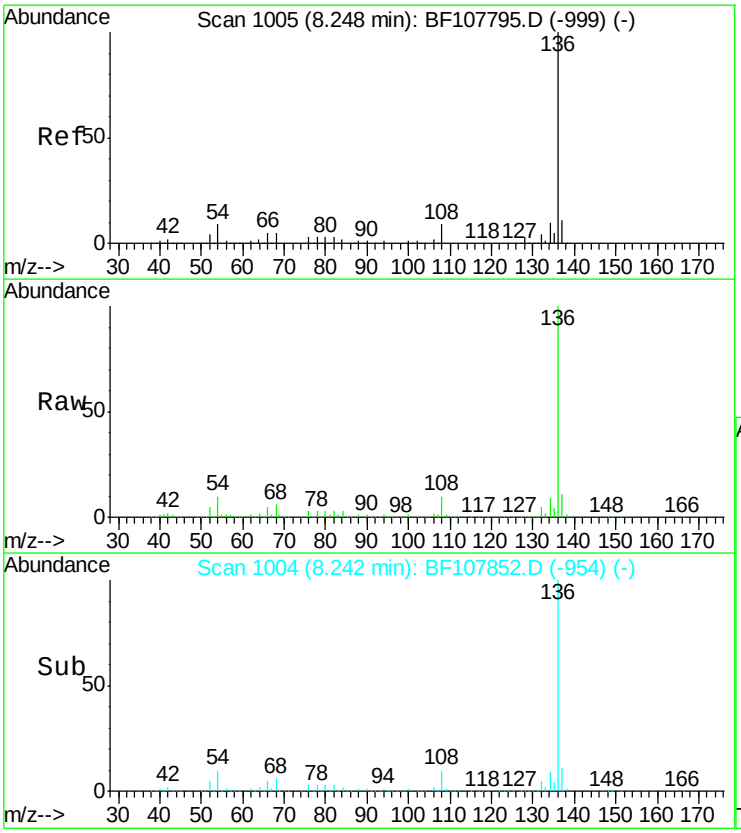
#7
Phenol-d6
Concen: 8.384 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.03 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion: 99 Resp: 88427

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.3	25.4	38.0

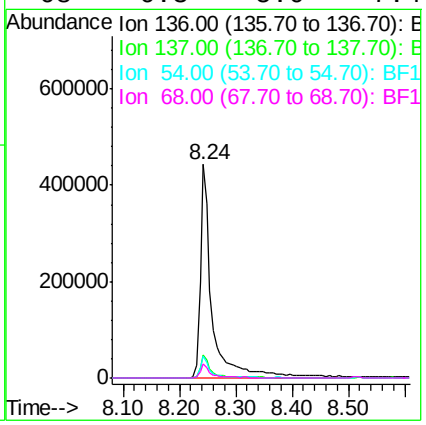


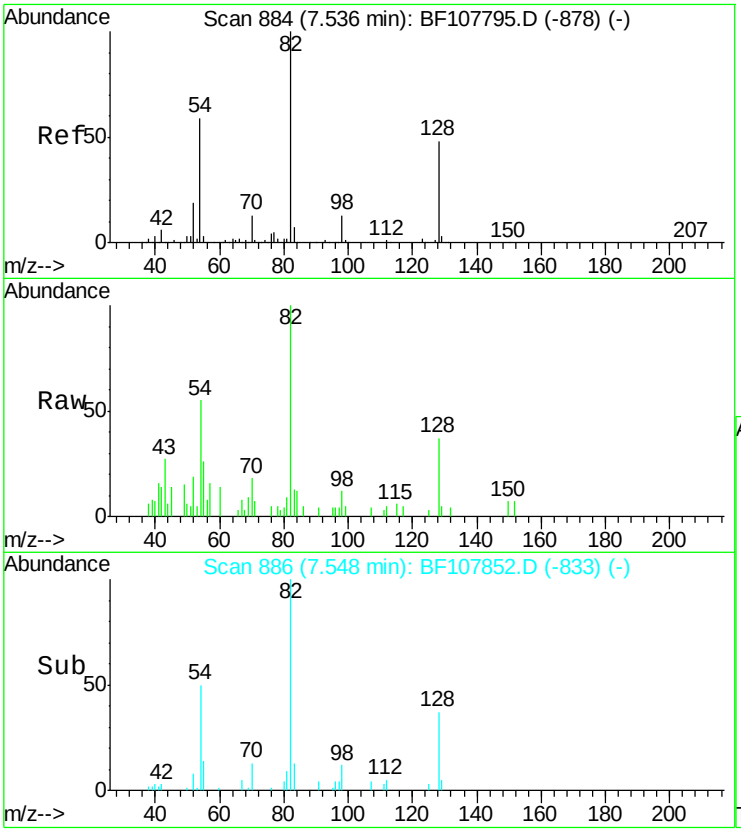


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:136 Resp: 649188

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.6	9.8#
68	6.3	5.0	7.4



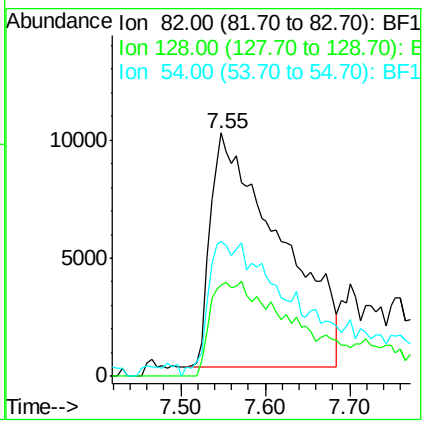


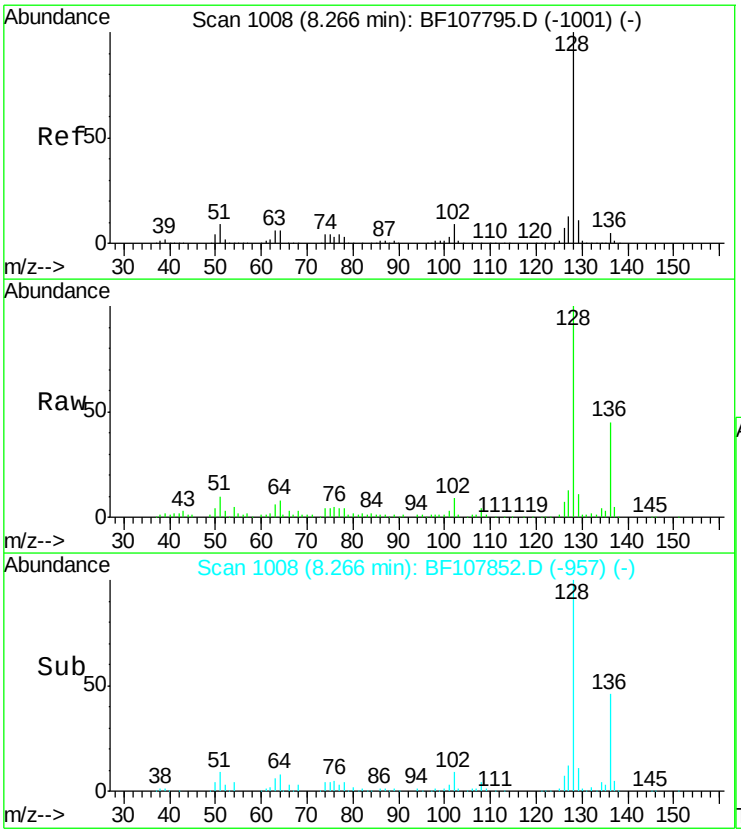
#23
Nitrobenzene-d5
Concen: 5.042 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion: 82 Resp: 56819

Ion	Ratio	Lower	Upper
82	100		
128	37.5	36.1	54.1
54	55.2	41.4	62.2

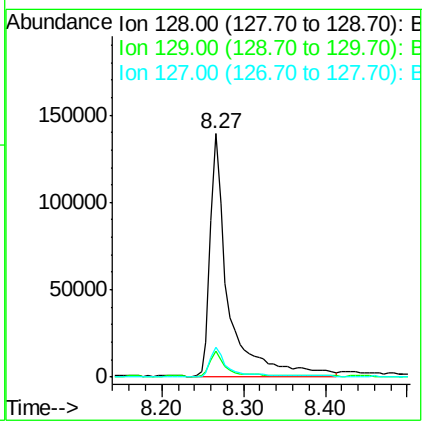


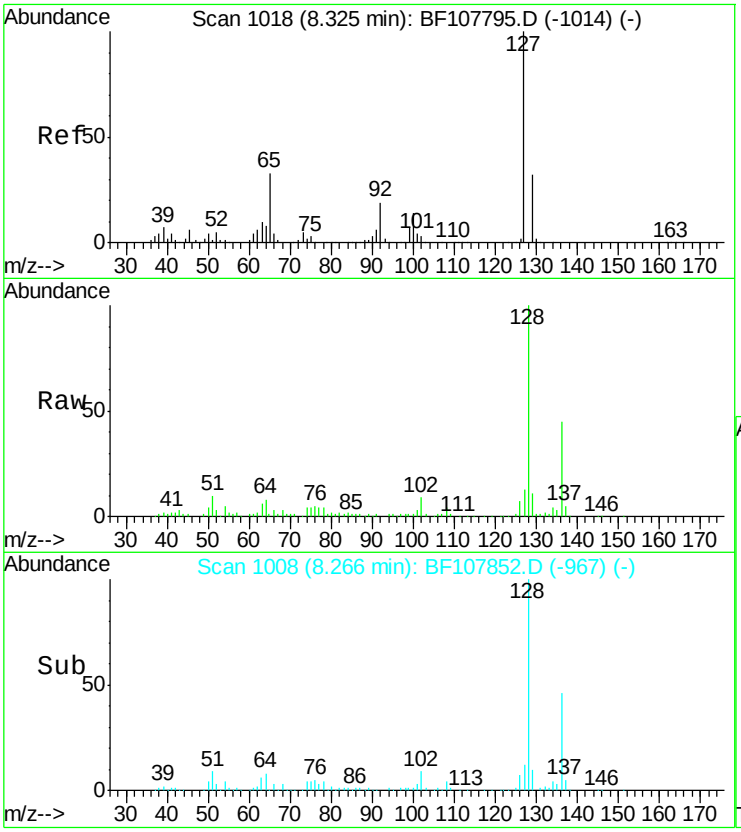


#31
Naphthalene
Concen: 7.109 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:128 Resp: 214543

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.5	10.9	16.3



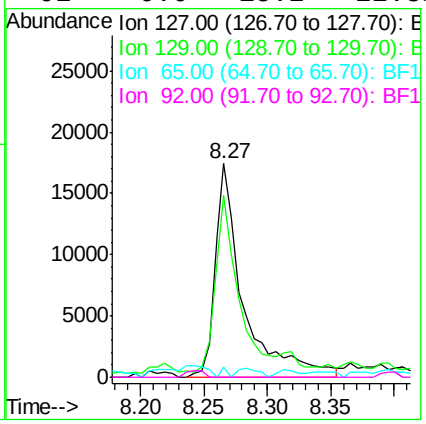


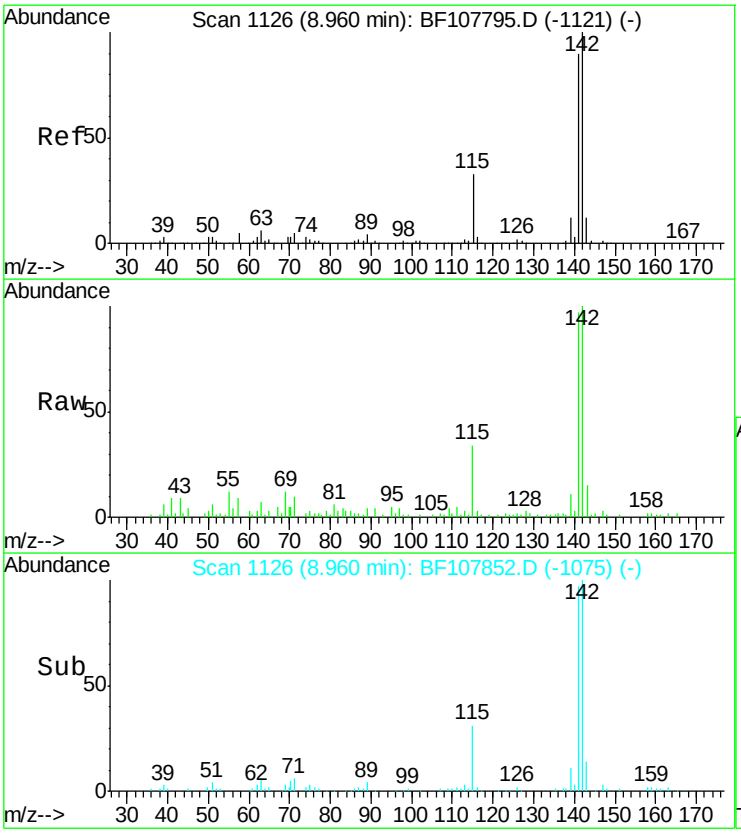
#33
4-Chloroaniline
Concen: 2.098 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:127 Resp: 27048

Ion	Ratio	Lower	Upper
127	100		
129	85.0	25.9	38.9#
65	4.5	25.0	37.4#
92	0.0	15.2	22.8#

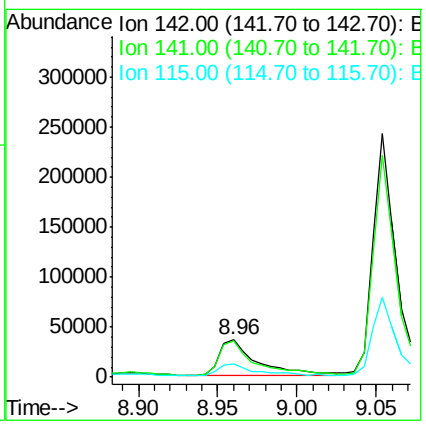


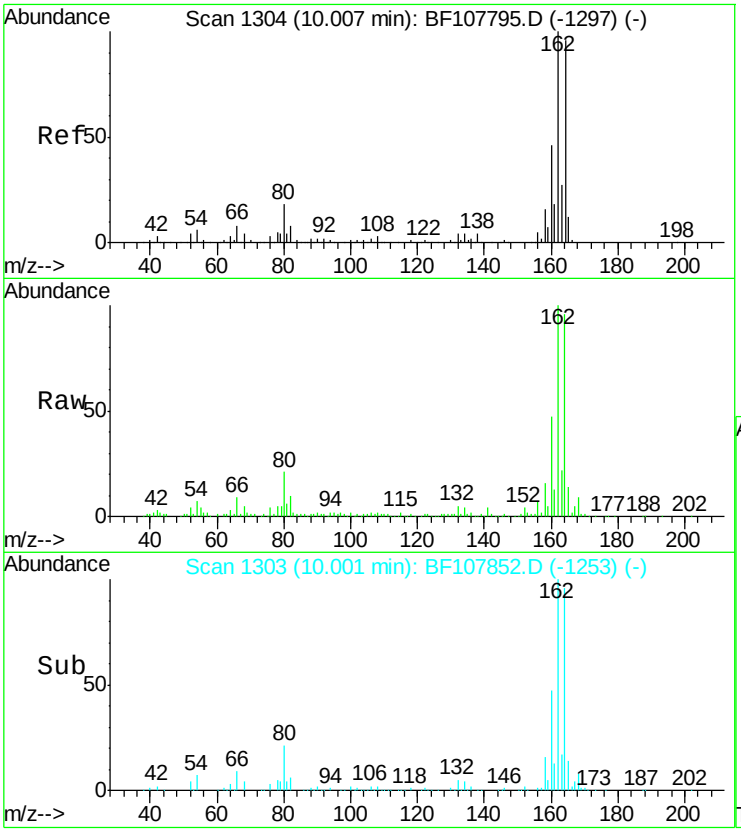


#37
2-Methylnaphthalene
Concen: 3.192 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:142 Resp: 60499

Ion	Ratio	Lower	Upper
142	100		
141	96.8	70.8	106.2
115	33.8	26.1	39.1



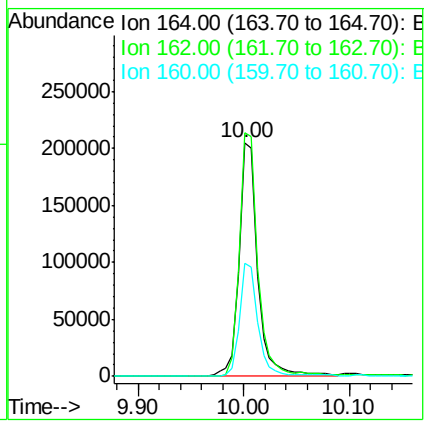


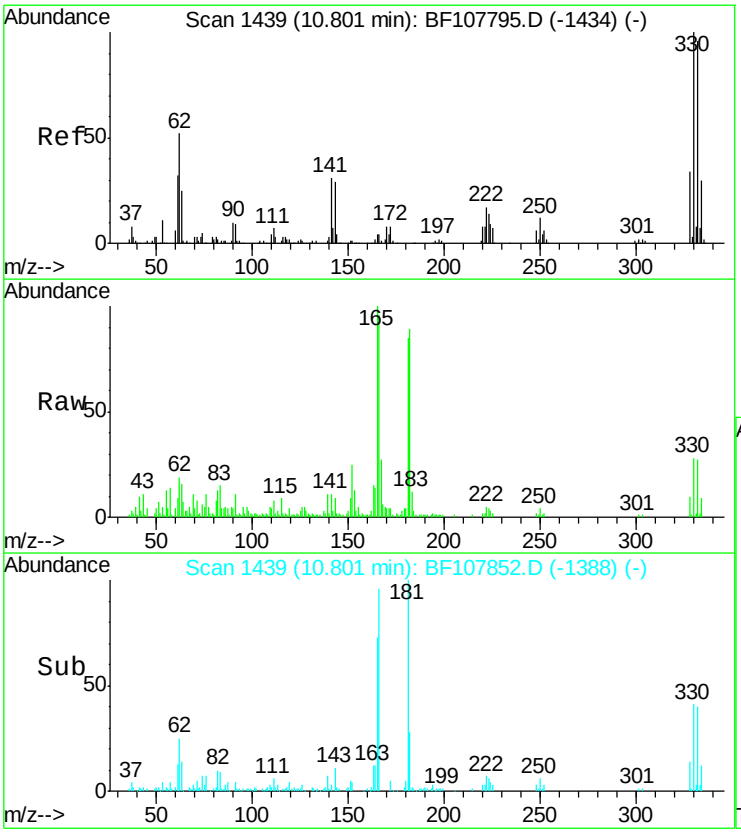
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:164 Resp: 249536

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.5	38.3	57.5

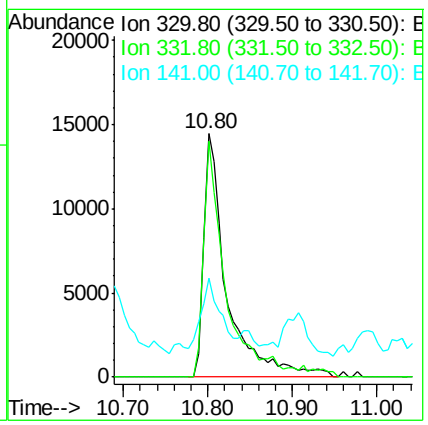


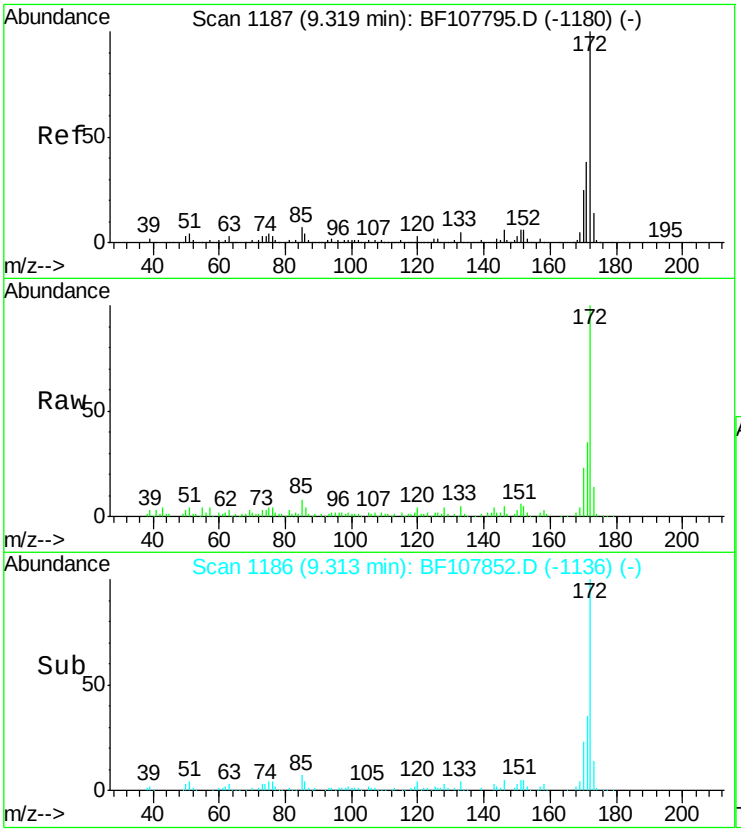


#41
2,4,6-Tribromophenol
Concen: 8.098 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:330 Resp: 27458

Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.6
141	22.4	29.9	44.9#



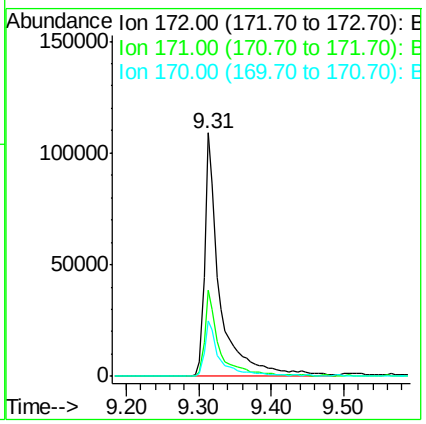


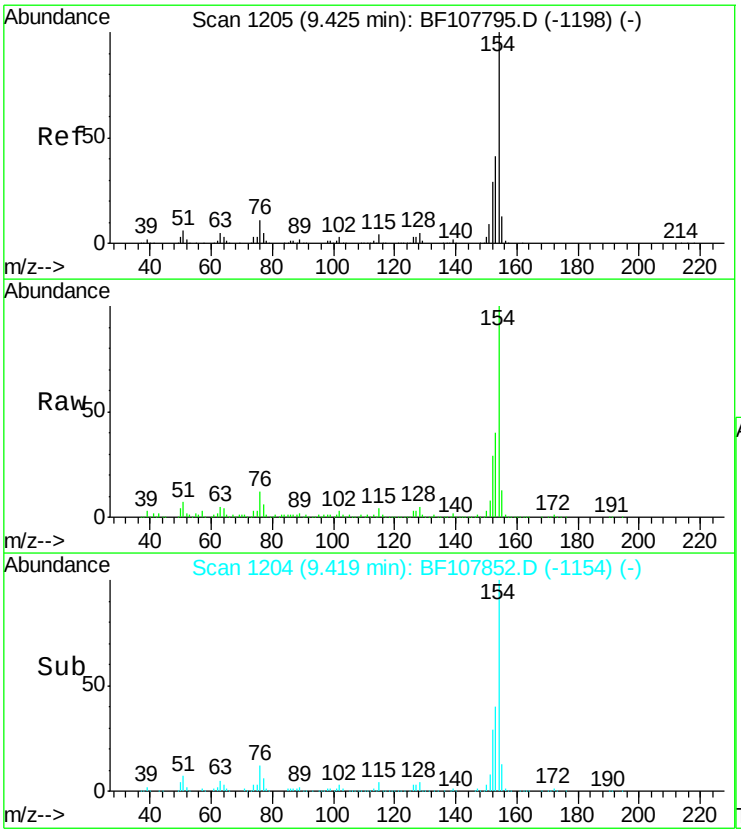
#44
2-Fluorobiphenyl
Concen: 8.949 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:172 Resp: 160245

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.0	19.6	29.4

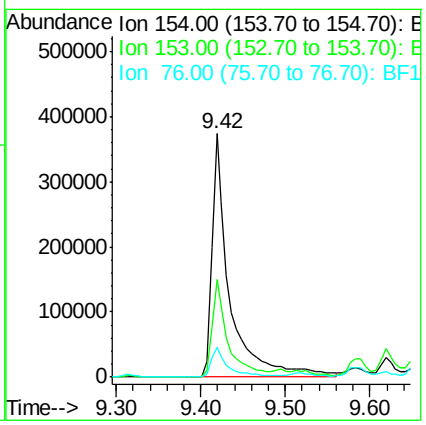


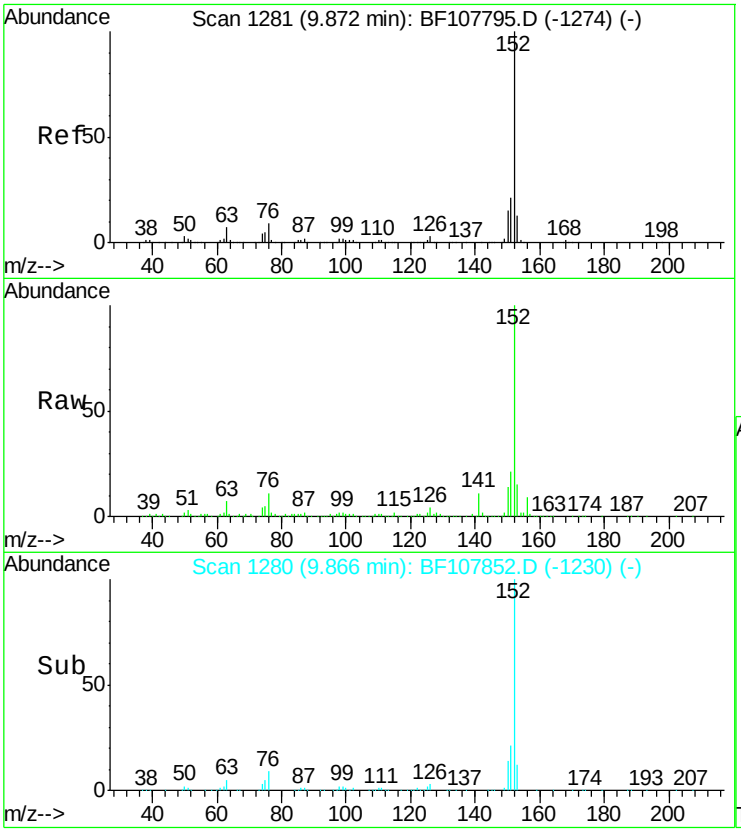


#45
1,1'-Biphenyl
Concen: 24.342 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:154 Resp: 552795

Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	12.1	0.0	34.0



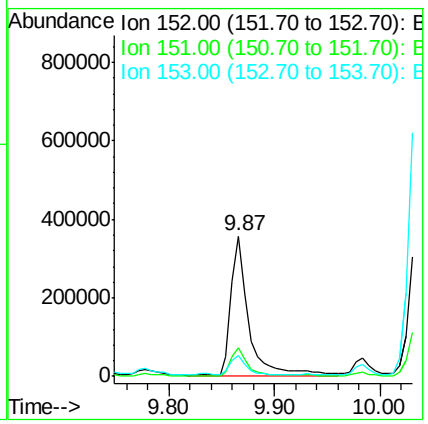


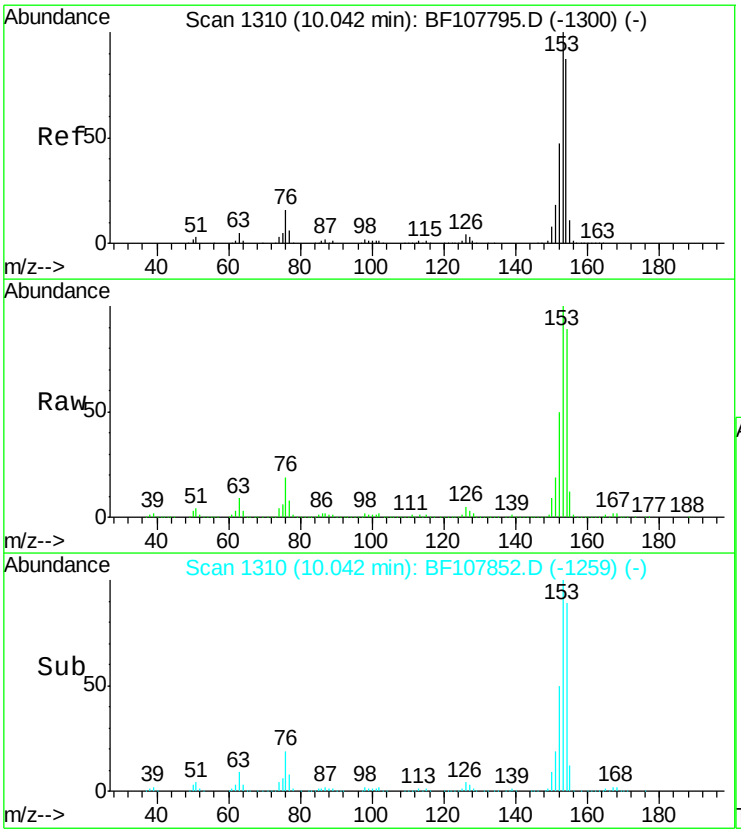
#48
Acenaphthylene
Concen: 15.445 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:152 Resp: 410040

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.8	10.7	16.1

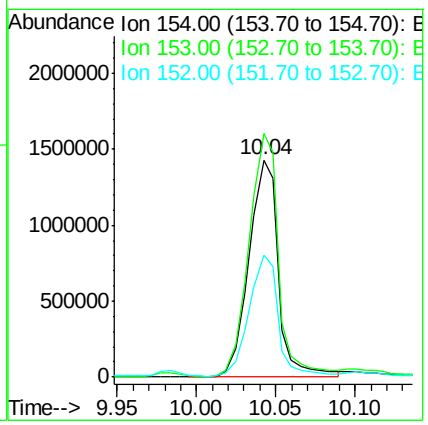


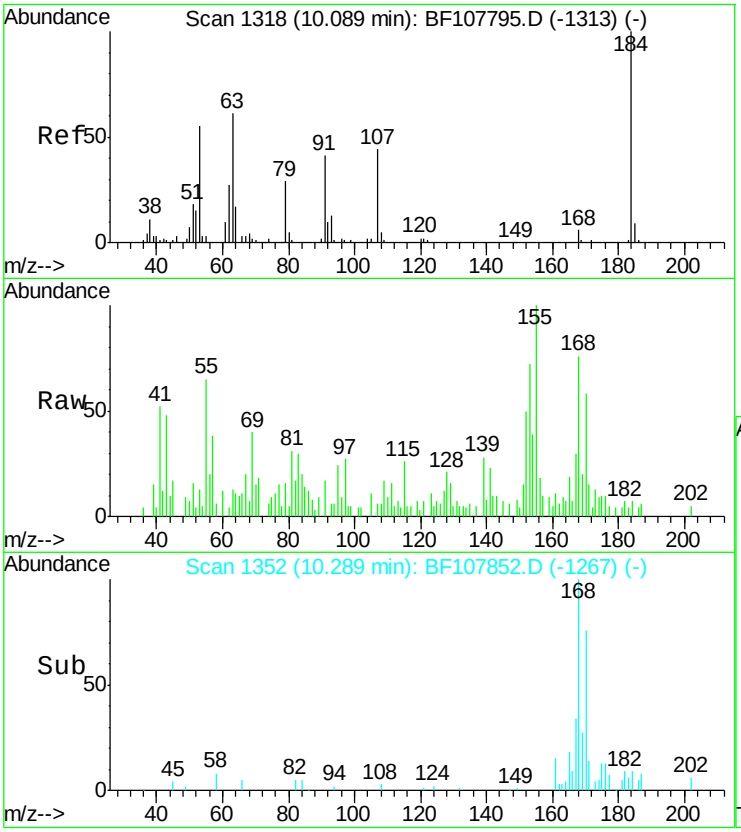


#51
Acenaphthene
Concen: 119.093 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:154 Resp: 1836661

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	56.5	43.8	65.8



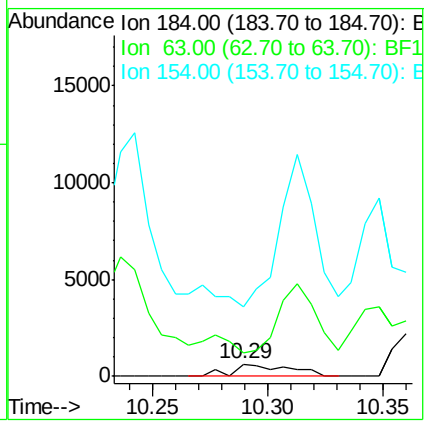


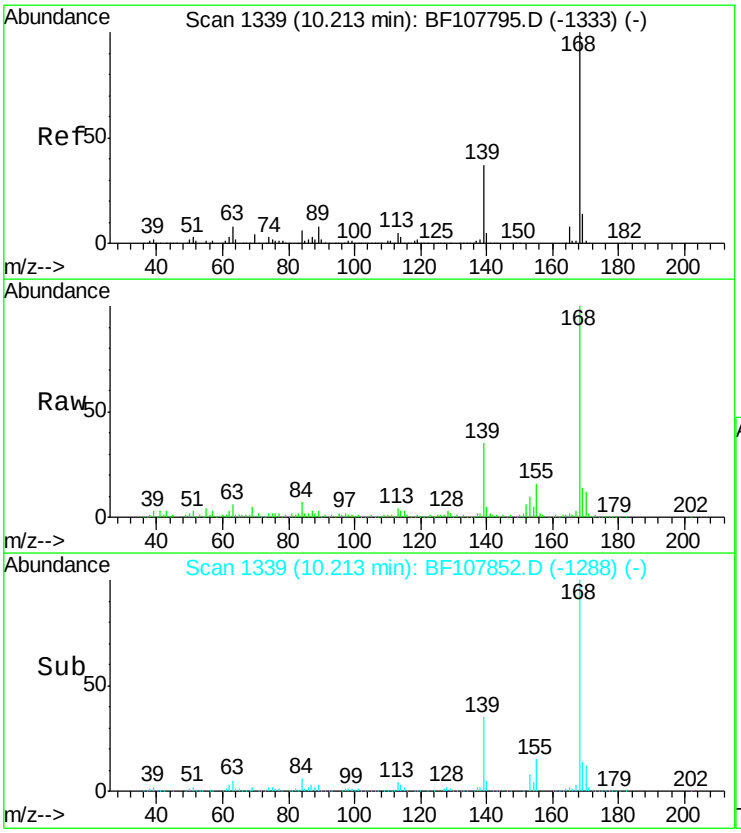
#53
2,4-Dinitrophenol
Concen: 8.900 ng
RT: 10.29 min Scan# 1352
Delta R.T. 0.20 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:184 Resp: 1102

Ion	Ratio	Lower	Upper
184	100		
63	183.8	54.2	81.2#
154	561.3	184.0	276.0#

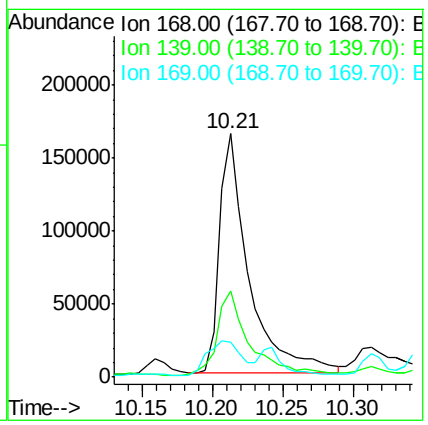


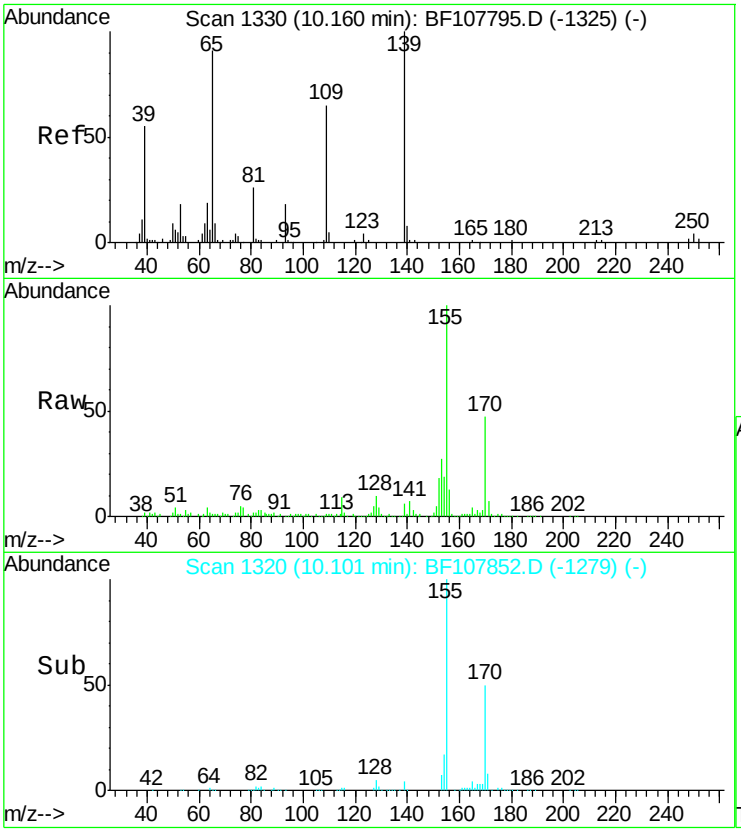


#54
Dibenzofuran
Concen: 10.014 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:168 Resp: 238693

Ion	Ratio	Lower	Upper
168	100		
139	35.2	30.1	45.1
169	14.3	10.9	16.3



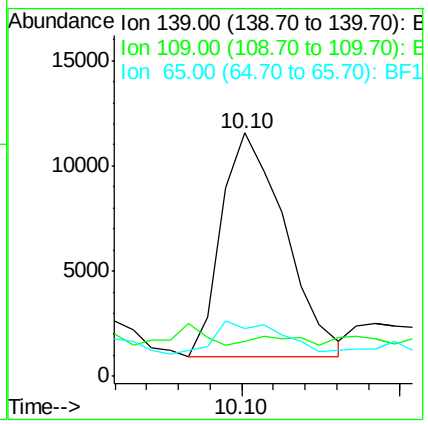


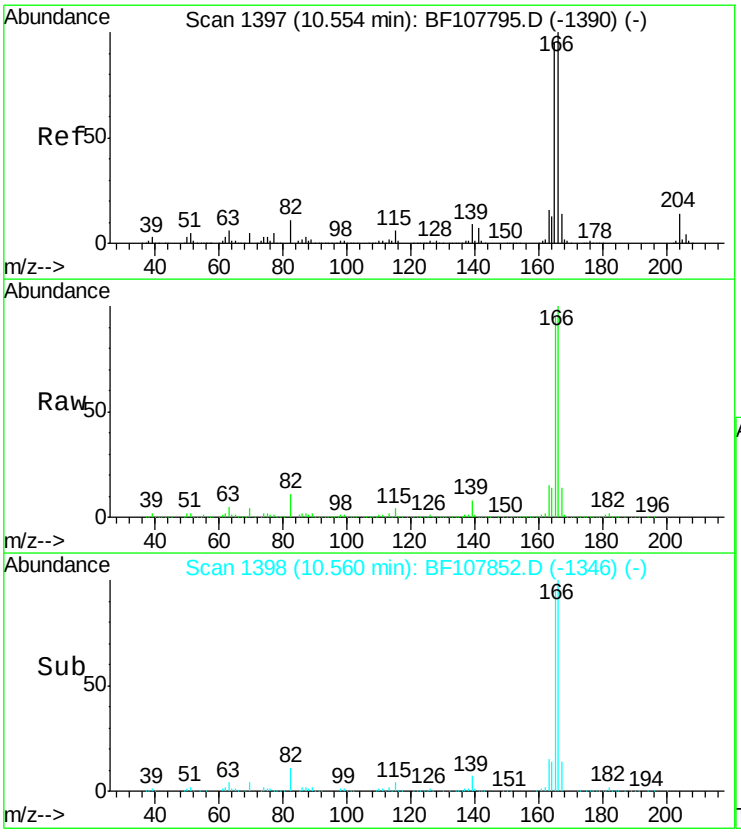
#55
4-Nitrophenol
Concen: 14.701 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.06 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:139 Resp: 14730

Ion	Ratio	Lower	Upper
139	100		
109	14.4	48.4	88.4#
65	19.6	72.6	112.6#

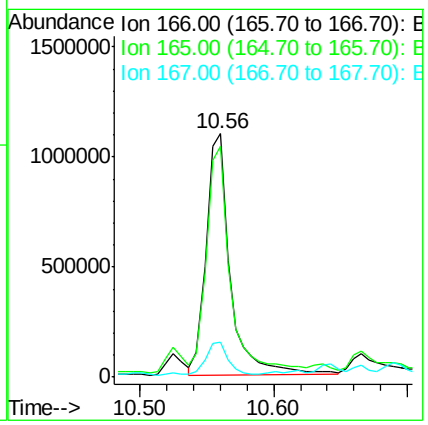


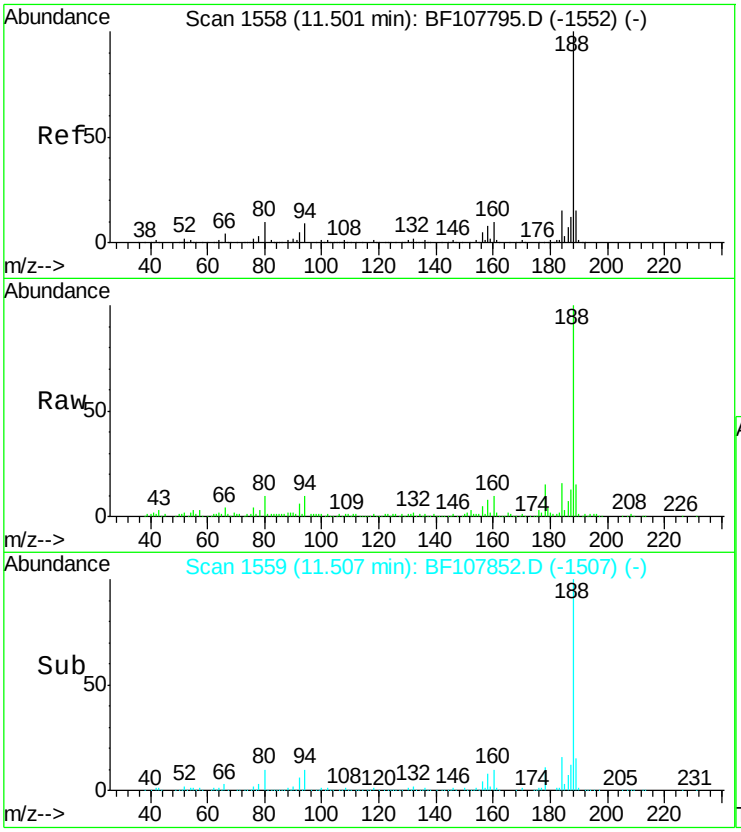


#57
Fluorene
Concen: 75.776 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:166 Resp: 1403764

Ion	Ratio	Lower	Upper
166	100		
165	94.7	79.8	119.8
167	14.5	10.6	16.0



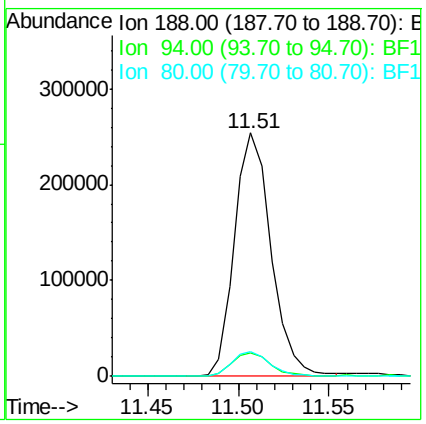


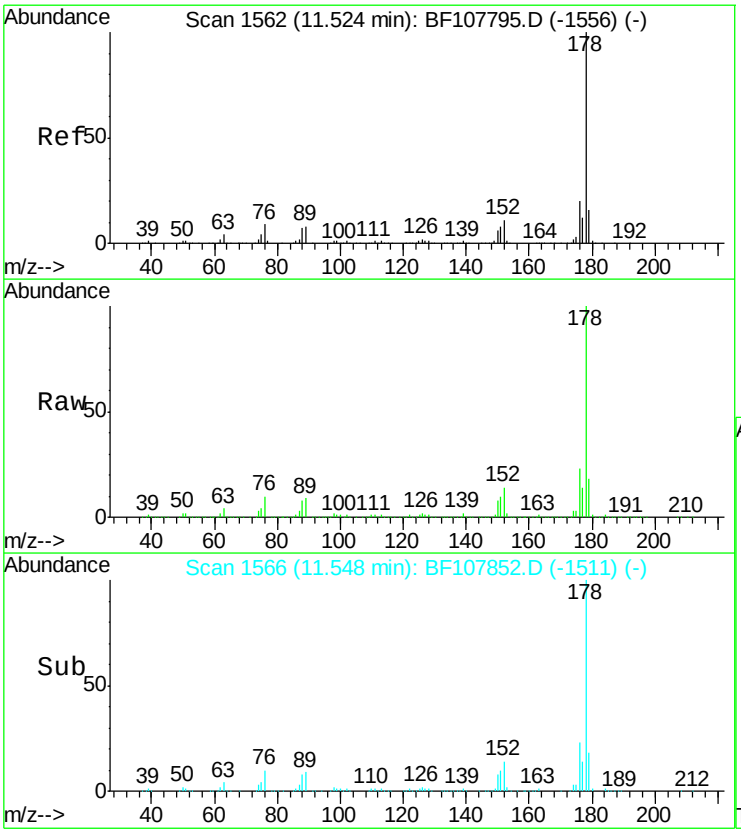
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:188 Resp: 357476

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.3	9.2	13.8

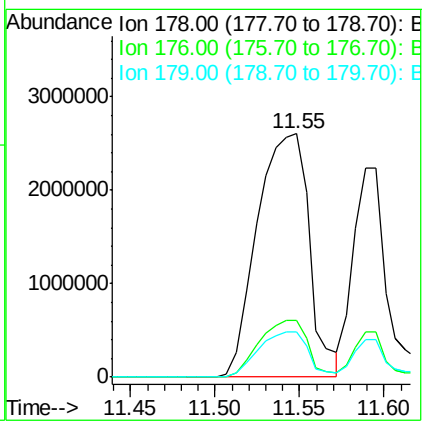


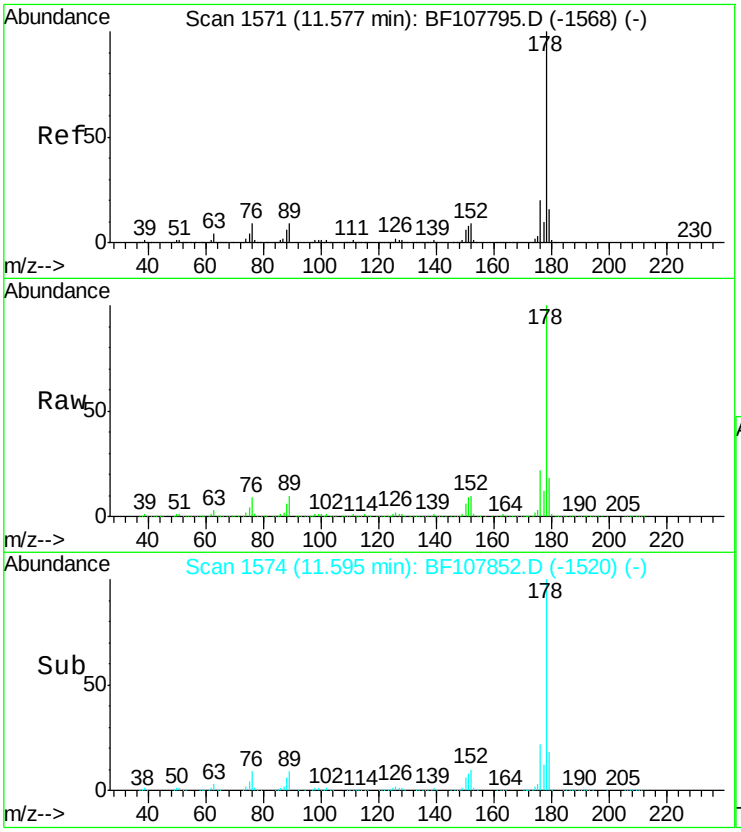


#70
Phenanthrene
Concen: 326.133 ng
RT: 11.55 min Scan# 1566
Delta R.T. 0.02 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:178 Resp: 5535808

Ion	Ratio	Lower	Upper
178	100		
176	23.5	15.8	23.8
179	18.4	13.0	19.6



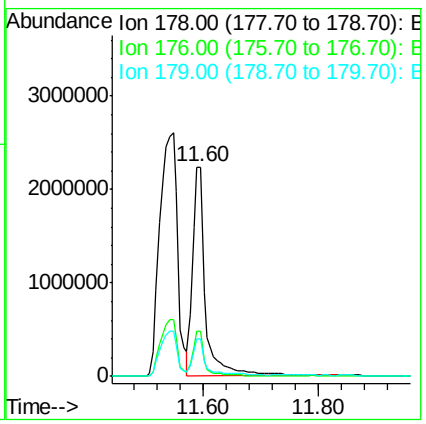


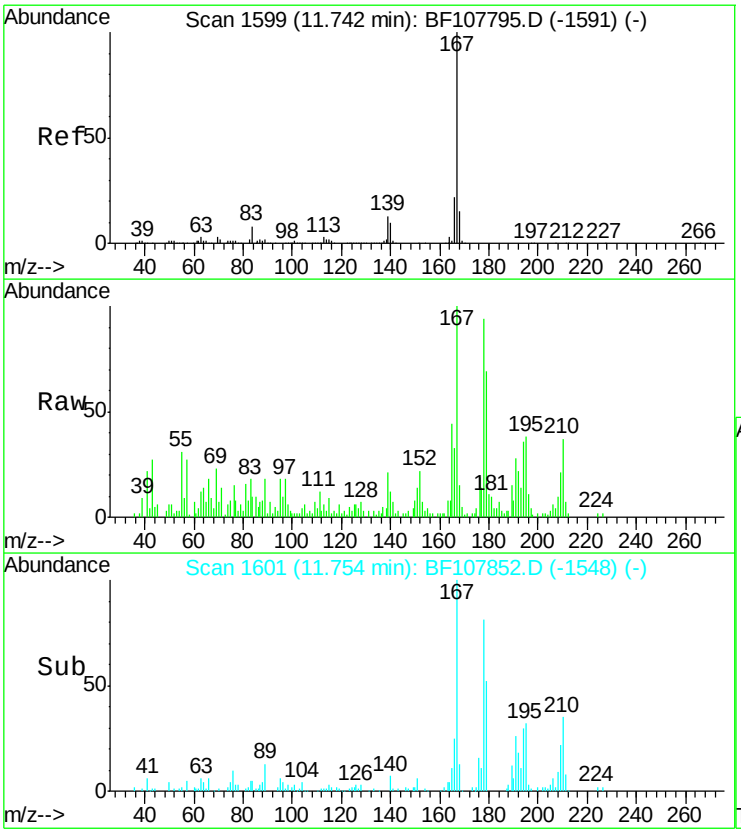
#71
Anthracene
Concen: 174.202 ng
RT: 11.60 min Scan# 1574
Delta R.T. 0.02 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:178 Resp: 3410590

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.4	23.2
179	18.0	12.6	19.0

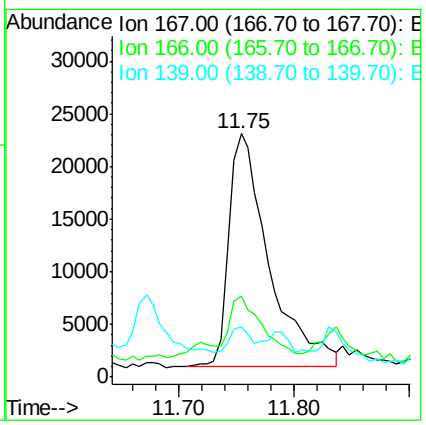


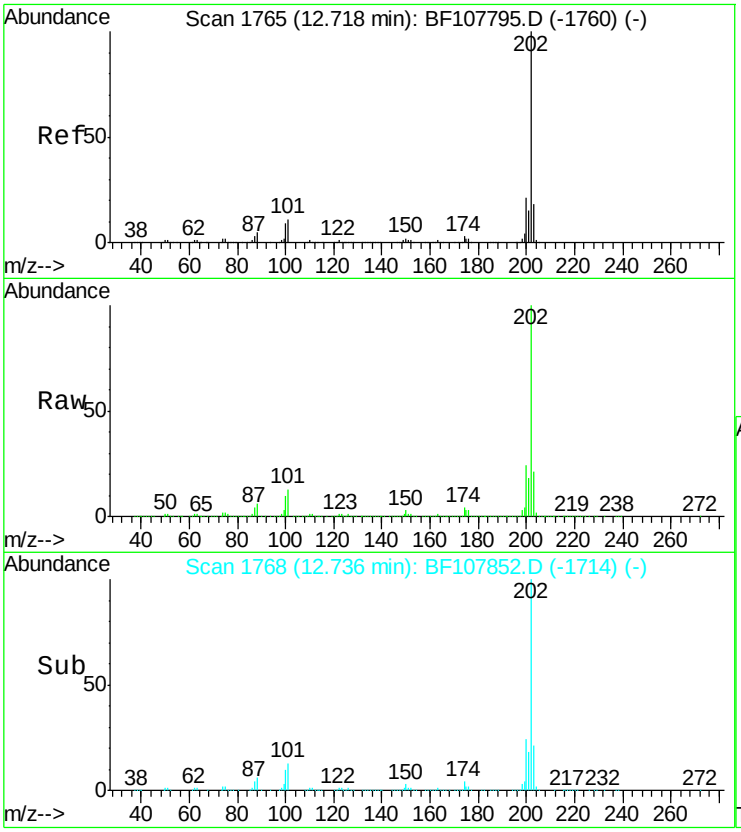


#72
Carbazole
Concen: 2.771 ng
RT: 11.75 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:167 Resp: 53609

Ion	Ratio	Lower	Upper
167	100		
166	33.1	17.6	26.4#
139	20.8	10.9	16.3#



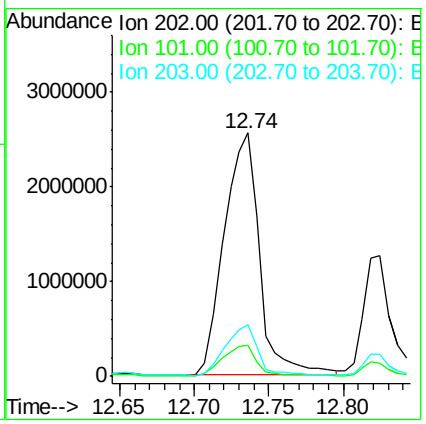


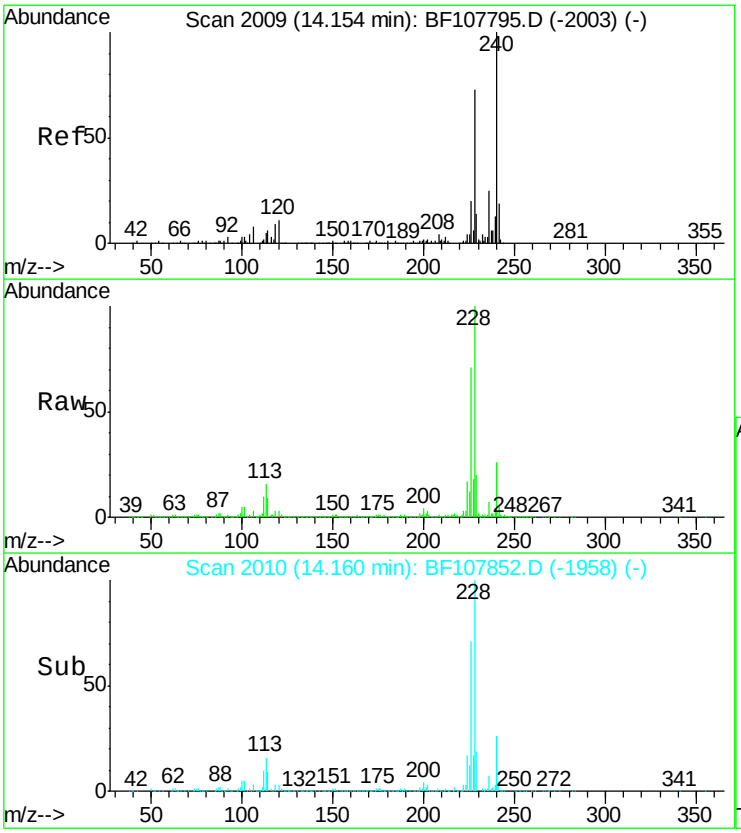
#74
Fluoranthene
Concen: 211.866 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.02 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:202 Resp: 4224858

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	21.0	0.0	38.1

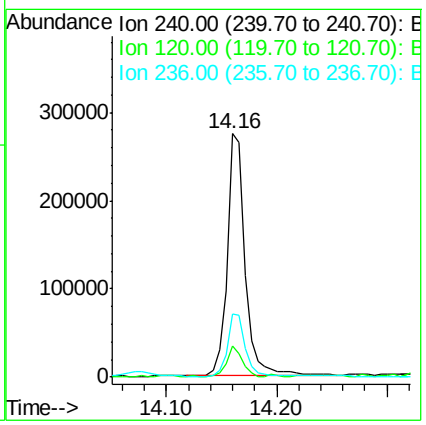


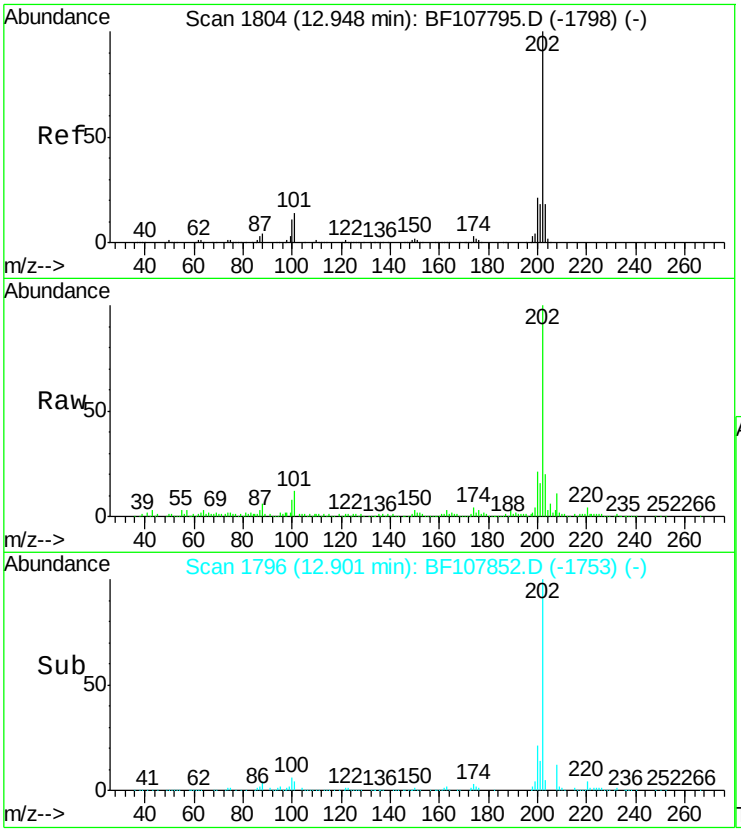


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:240 Resp: 311858

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.2	20.7	31.1



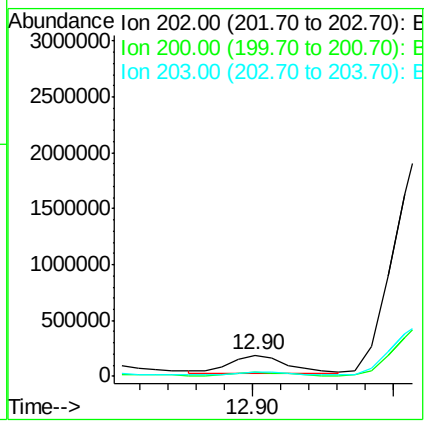


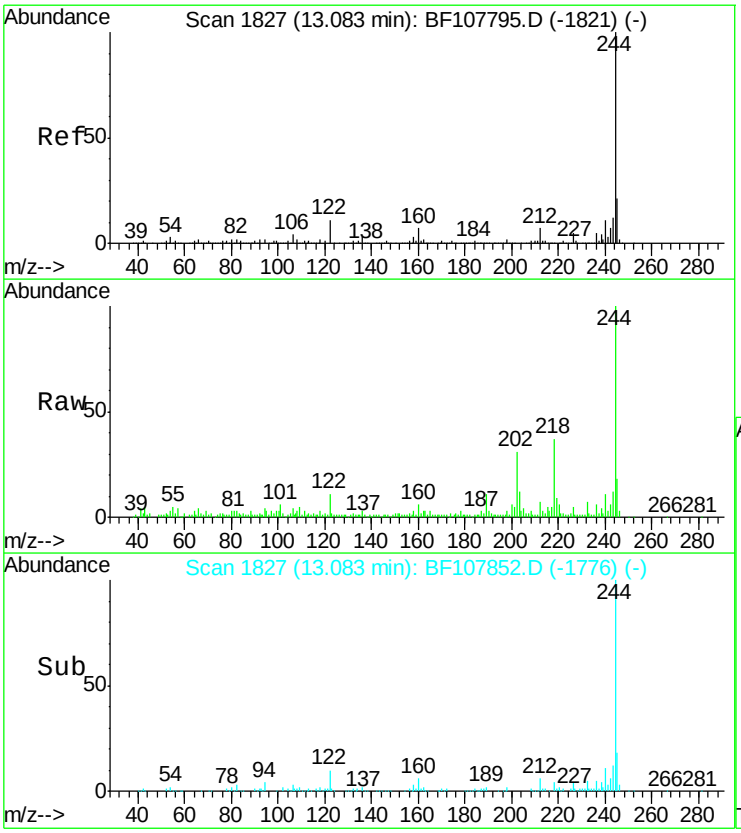
#77
Pyrene
Concen: 10.573 ng
RT: 12.90 min Scan# 1796
Delta R.T. -0.05 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:202 Resp: 237437

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	20.5	14.3	21.5

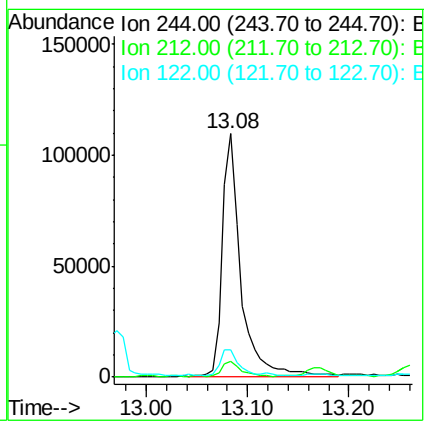


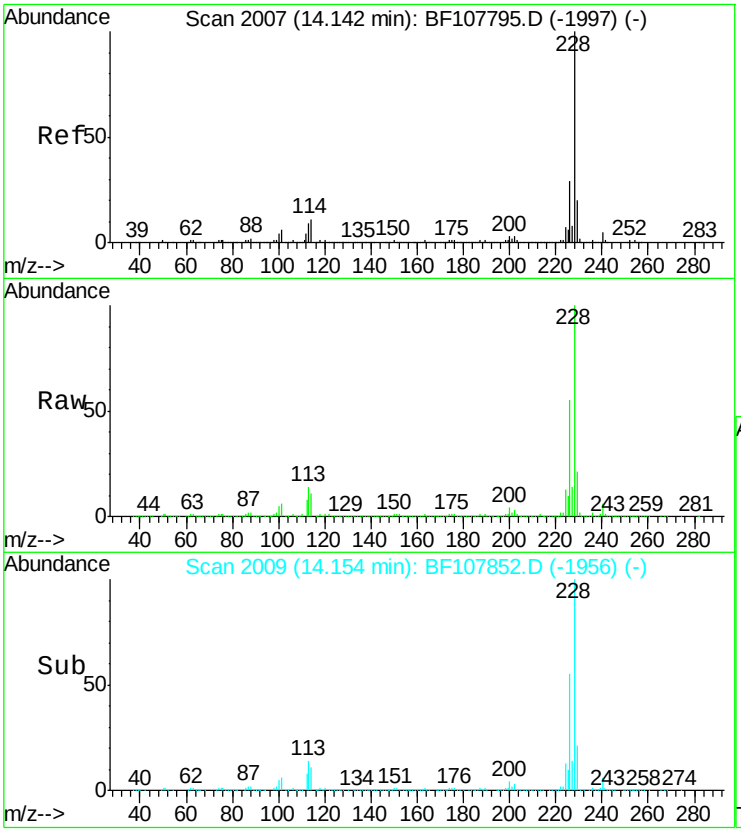


#78
Terphenyl-d14
Concen: 9.576 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:244 Resp: 137713

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.0	11.0	16.4



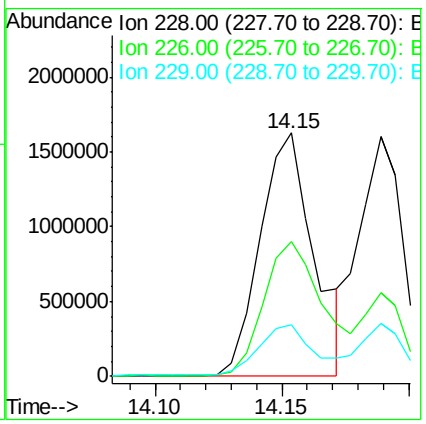


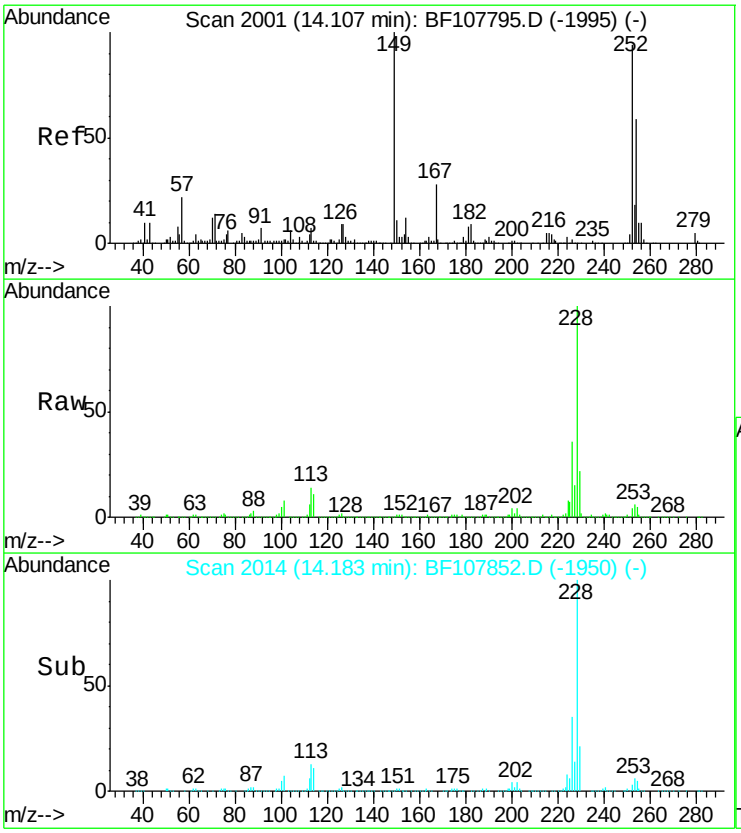
#80
Benzo(a)anthracene
Concen: 135.378 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:228 Resp: 2391549

Ion	Ratio	Lower	Upper
228	100		
226	55.3	22.6	33.8#
229	21.3	15.8	23.6

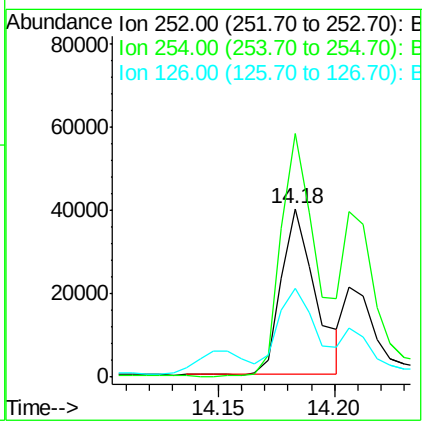


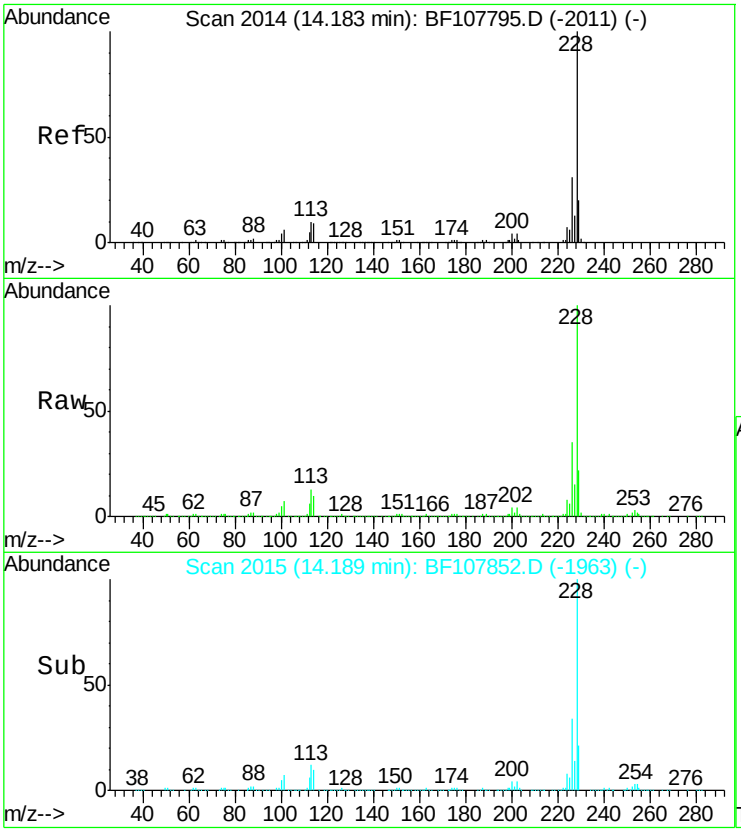


#81
3,3'-Dichlorobenzidine
Concen: 5.949 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.08 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:252 Resp: 40738

Ion	Ratio	Lower	Upper
252	100		
254	144.4	50.4	75.6#
126	52.3	11.3	16.9#



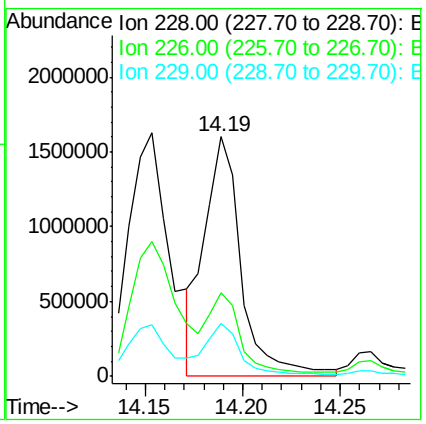


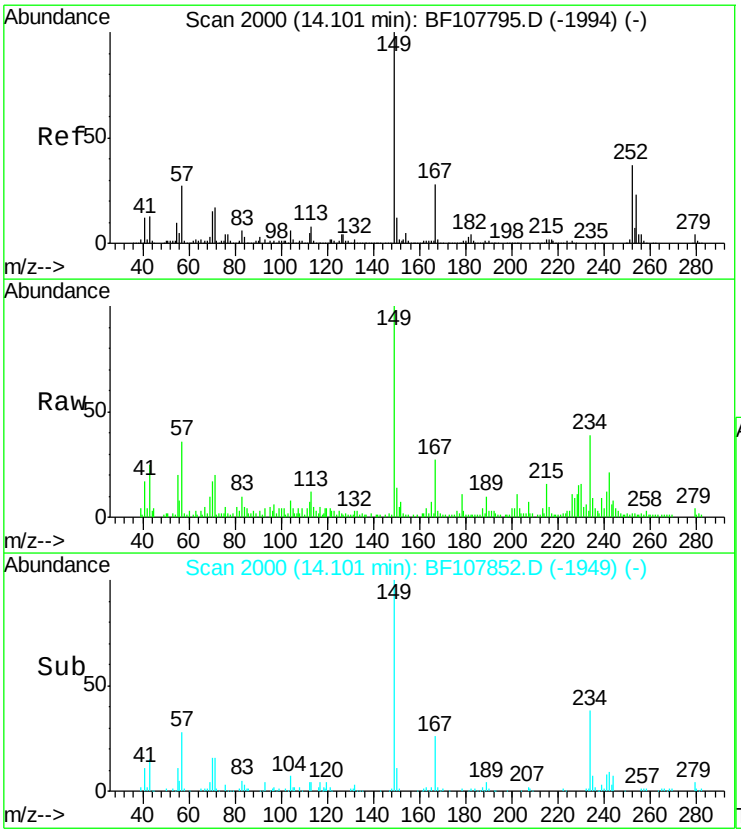
#82
Chrysene
Concen: 109.209 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:228 Resp: 2080885

Ion	Ratio	Lower	Upper
228	100		
226	35.0	25.0	37.6
229	21.9	16.2	24.4

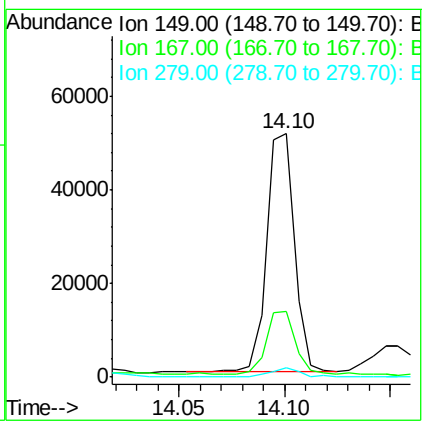


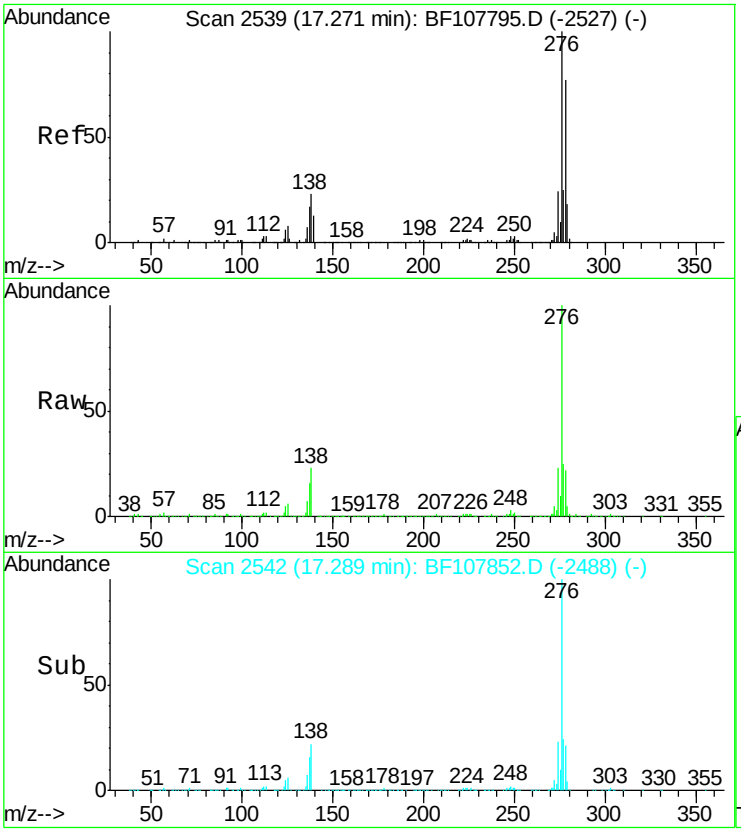


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.766 ng
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:149 Resp: 46556

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.0	3.0	4.4



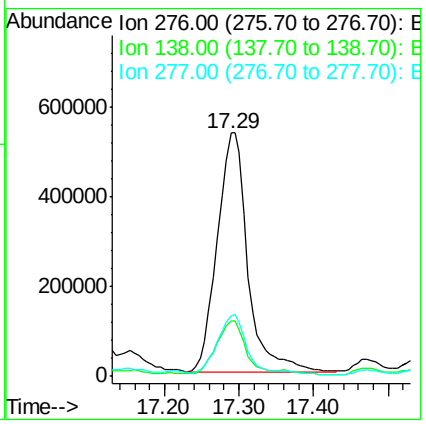


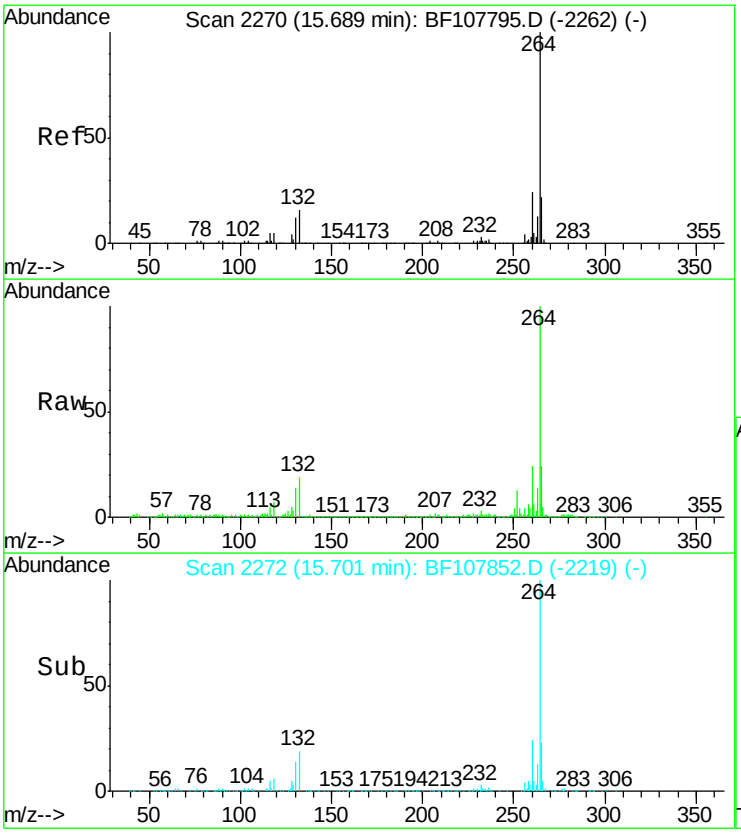
#85
Indeno(1,2,3-cd)pyrene
Concen: 104.132 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.02 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:276 Resp: 1509197

Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	24.9	20.1	30.1

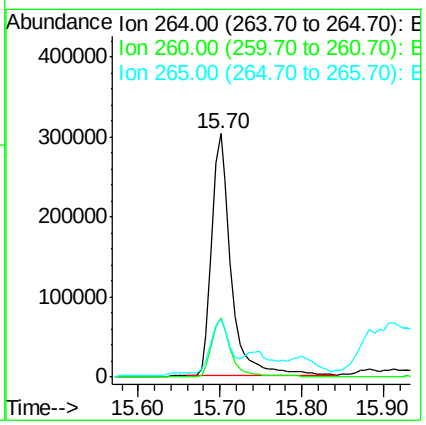


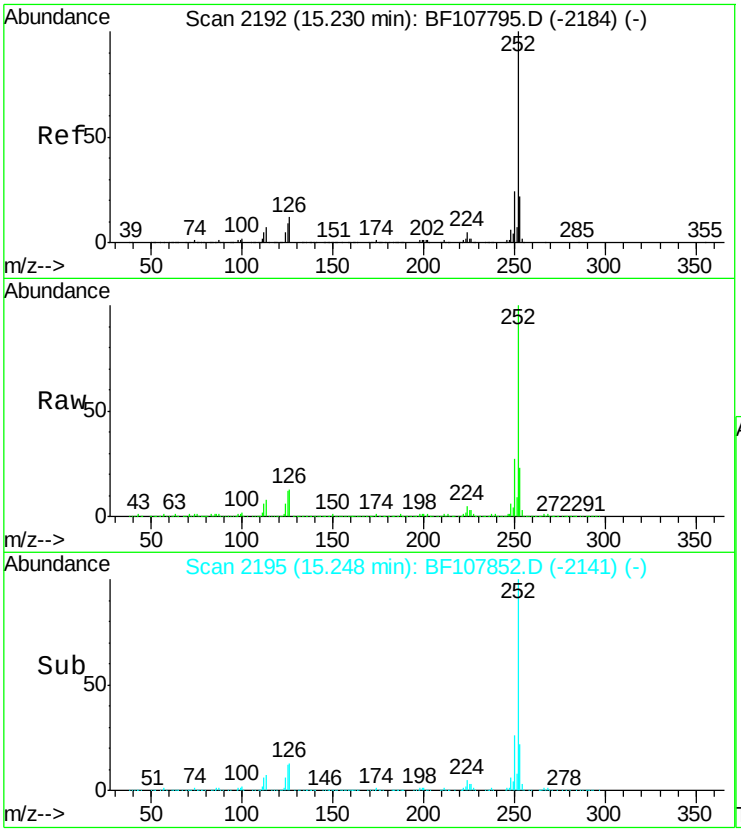


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:264 Resp: 504883

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.9	17.5	26.3



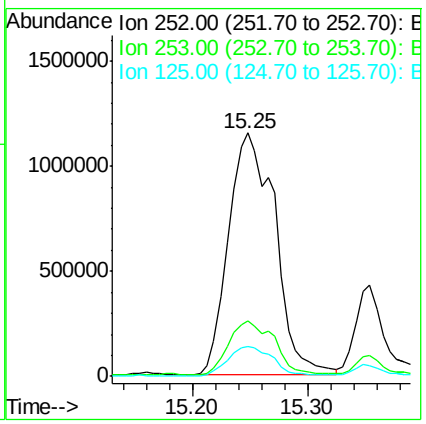


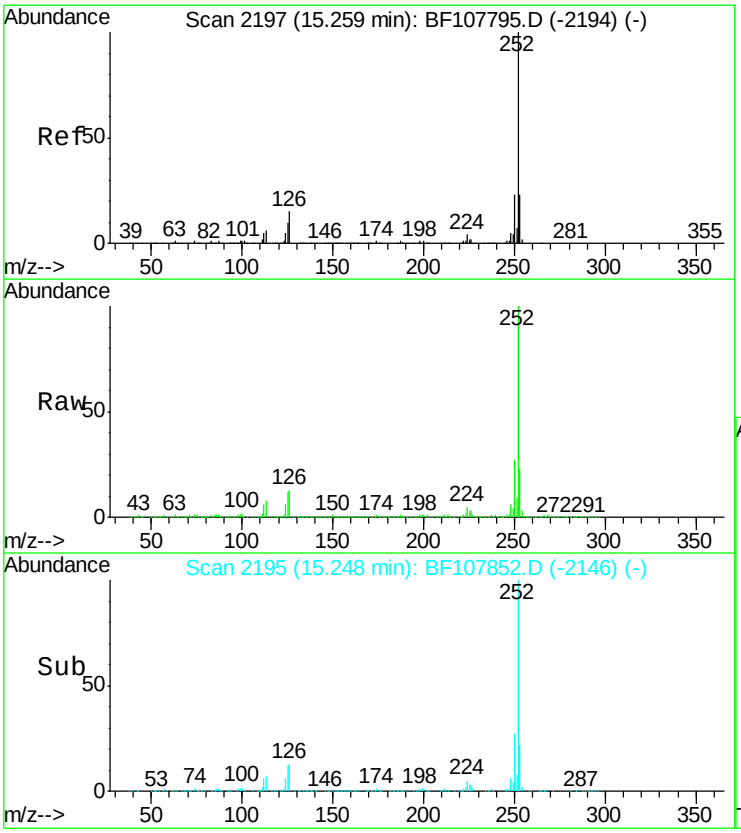
#87
Benzo(b)fluoranthene
Concen: 130.636 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:252 Resp: 3252949

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.2	9.0	13.6

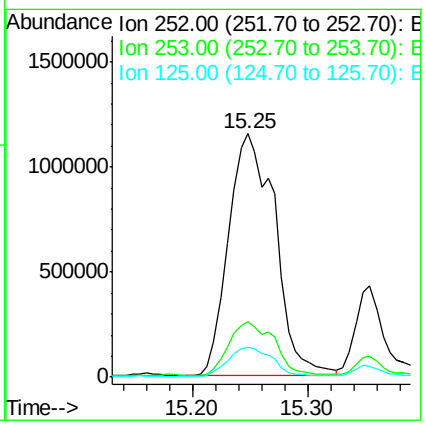


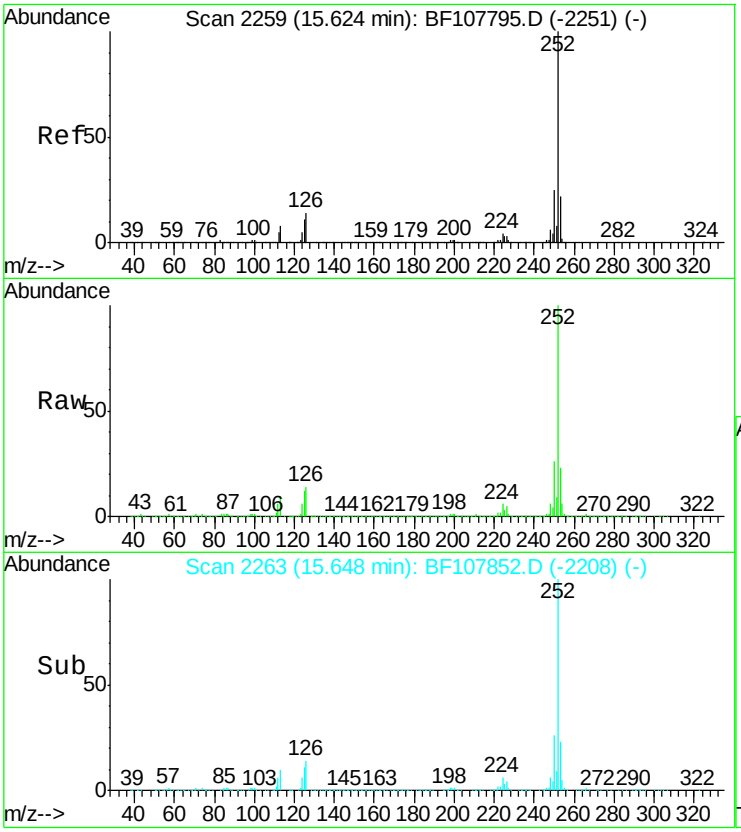


#88
Benzo(k)fluoranthene
Concen: 106.403 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:252 Resp: 3252949

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.2	10.2	15.2



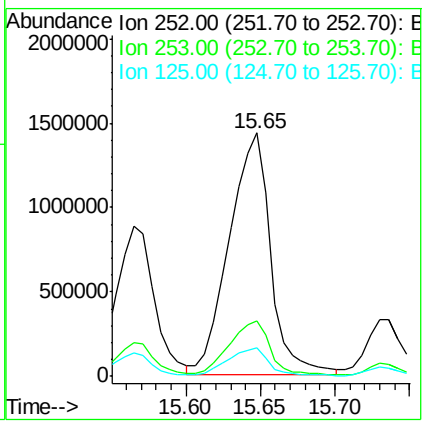


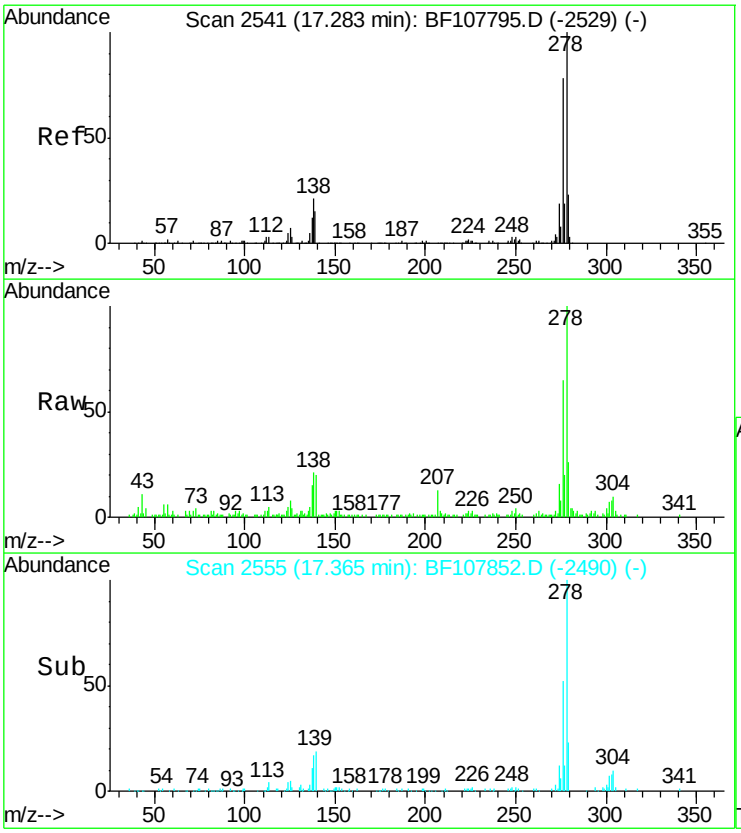
#89
Benzo(a)pyrene
Concen: 107.907 ng
RT: 15.65 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:252 Resp: 2773891

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.6	9.8	14.6

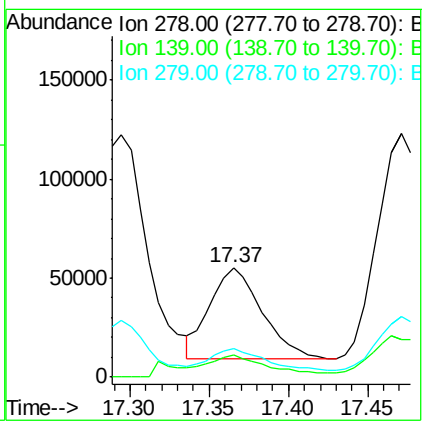


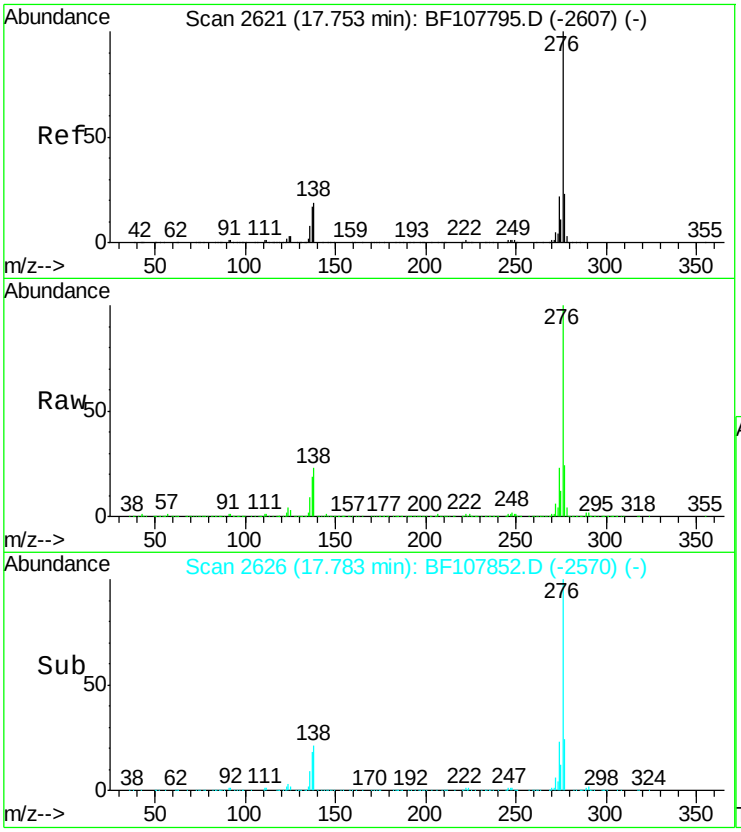


#90
Dibenzo(a,h)anthracene
Concen: 4.706 ng
RT: 17.37 min Scan# 2555
Delta R.T. 0.08 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Tgt Ion:278 Resp: 105534

Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.9	23.9
279	25.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 73.725 ng
RT: 17.78 min Scan# 2626
Delta R.T. 0.03 min
Lab File: BF107852.D
Acq: 31 Jul 2018 16:33

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Tgt Ion:276 Resp: 1599588

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	22.6	21.8	32.8