Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
Data File : BF107894.D
Acq On : 1 Aug 2018 17:34
Operator : JU/SJ
Sample : J4231-13DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7DL

Quant Time: Aug 01 18:01:49 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	6.97	152	100546	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	464705	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	186790	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	368499	20.00	ng		0.00
75) Chrysene-d12	14.15	240	383531	20.00	ng		0.00
86) Perylene-d12	15.69	264	384650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	86319	14.59	ng		0.01
7) Phenol-d6	6.62	99	161374	20.70	ng		0.01
23) Nitrobenzene-d5	7.55	82	72531	8.99	ng		0.02
41) 2,4,6-Tribromophenol	10.80	330	47047	18.54	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	215592	16.08	ng		0.00
78) Terphenyl-d14	13.08	244	238118	13.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	588	5.980	ng	#	65
25) Isophorone	7.55	82	72531	5.478	ng	#	64
31) Naphthalene	8.27	128	325455	15.066	ng		99
33) 4-Chloroaniline	8.27	127	38765	4.201	ng	#	35
37) 2-Methylnaphthalene	8.96	142	111881	8.245	ng		97
45) 1,1'-Biphenyl	9.42	154	53782	3.164	ng		95
48) Acenaphthylene	9.87	152	43671	2.197	ng		97
50) 2,6-Dinitrotoluene	10.00	165	26494	8.691	ng	#	26
51) Acenaphthene	10.04	154	252607	21.882	ng		99
55) 4-Nitrophenol	10.10	139	854	9.730	ng	#	9
57) Fluorene	10.55	166	129270	9.322	ng		97
70) Phenanthrene	11.52	178	830380	47.457	ng		99
71) Anthracene	11.58	178	267986	13.278	ng		99
74) Fluoranthene	12.72	202	692171	33.672	ng		96
77) Pyrene	12.95	202	793014	28.714	ng		97
80) Benzo(a)anthracene	14.18	228	237589	10.936	ng		94
82) Chrysene	14.18	228	237589	10.139	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	44570	2.931	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	93098	5.223	ng	#	86
87) Benzo(b)fluoranthene	15.23	252	382500	20.162	ng		96
88) Benzo(k)fluoranthene	15.23	252	382500	16.422	ng		99
89) Benzo(a)pyrene	15.62	252	255669	13.055	ng		99
91) Benzo(g,h,i)perylene	17.75	276	88271	5.340	ng		93

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

Quantitation Report (Not Reviewed)

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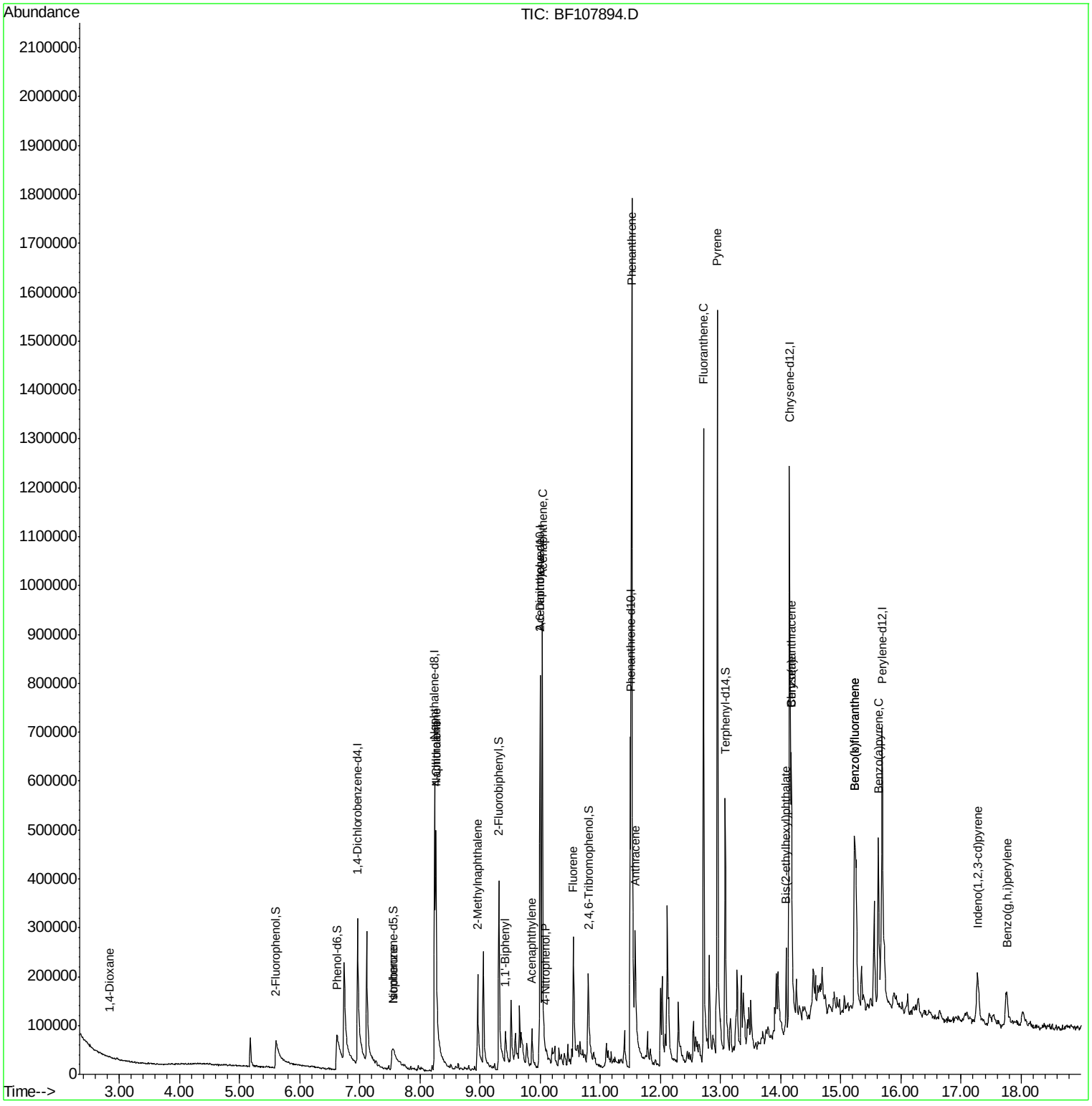
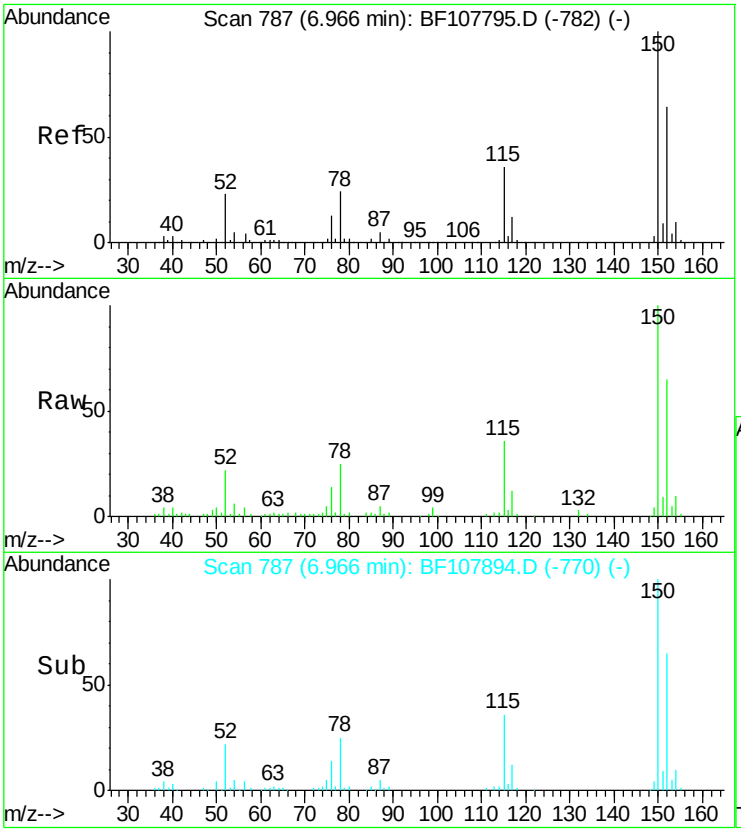


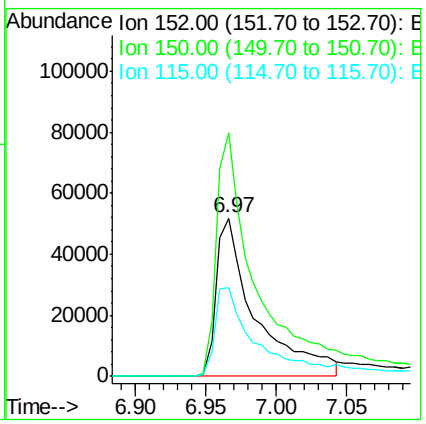


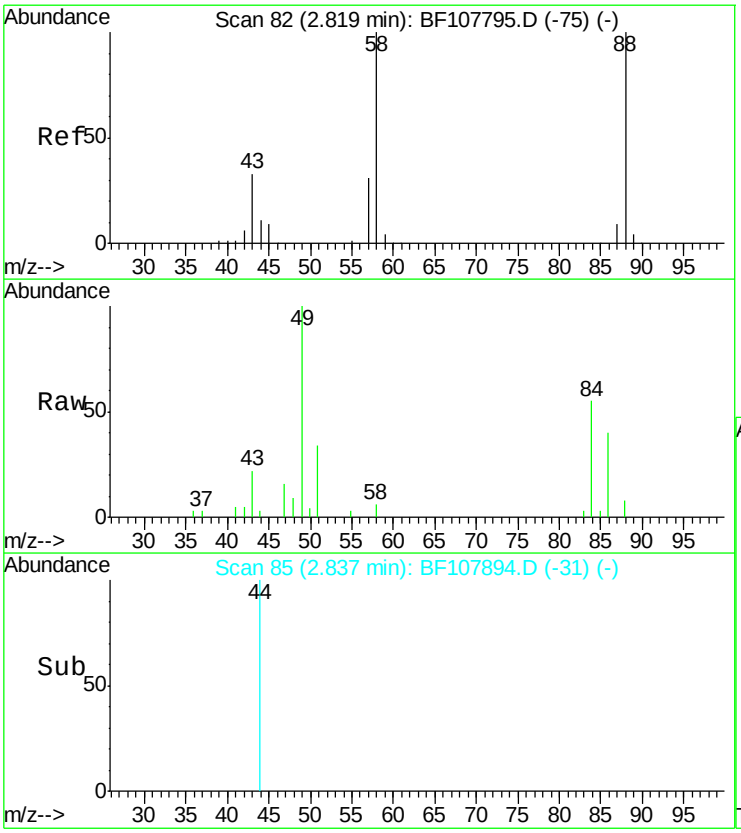
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:152 Resp: 100546

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	56.1	50.1	75.1

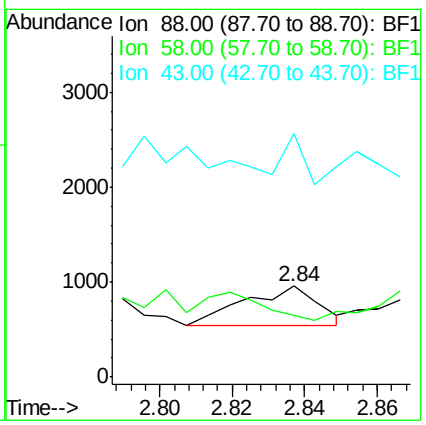


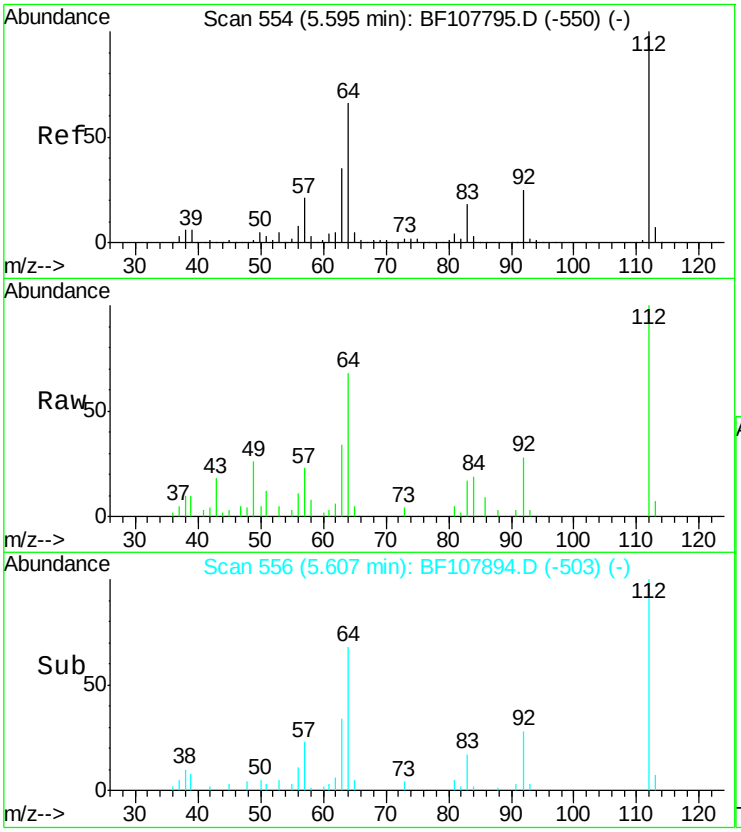


#2
1,4-Dioxane
Concen: 5.980 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion: 88 Resp: 588

Ion	Ratio	Lower	Upper
88	100		
58	54.4	62.6	93.8#
43	0.0	24.6	37.0#



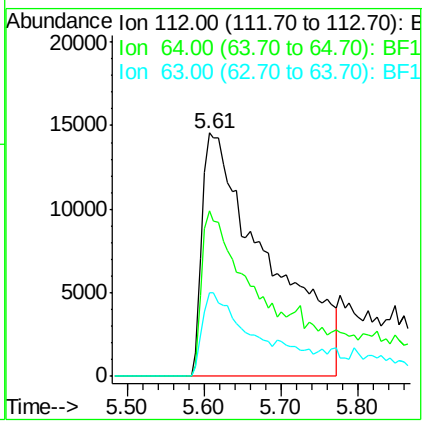


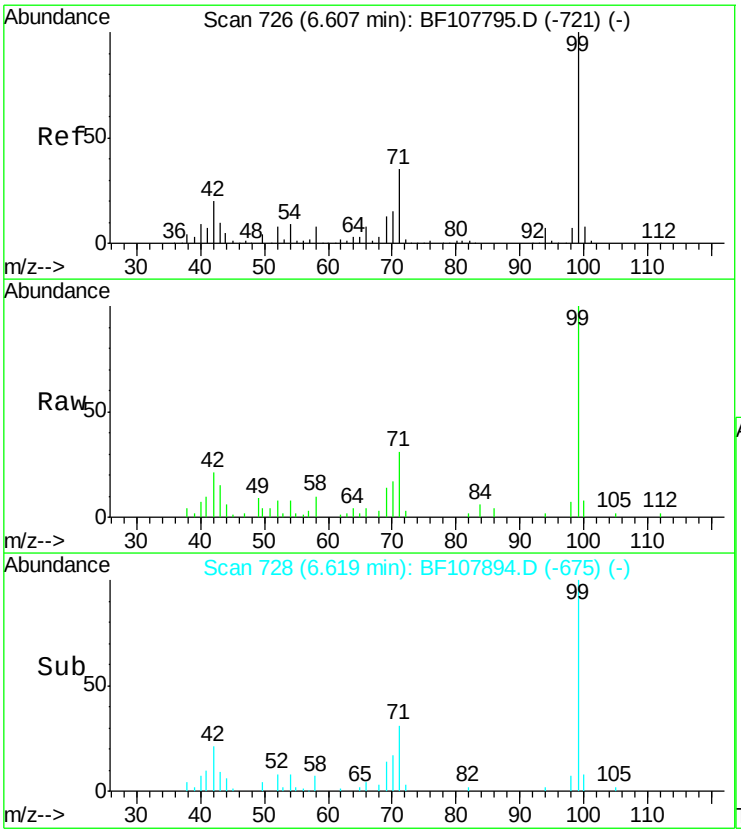
#5
2-Fluorophenol
Concen: 14.591 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:112 Resp: 86319

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	34.4	23.7	35.5

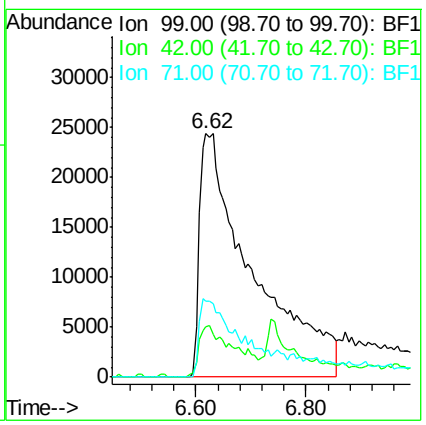


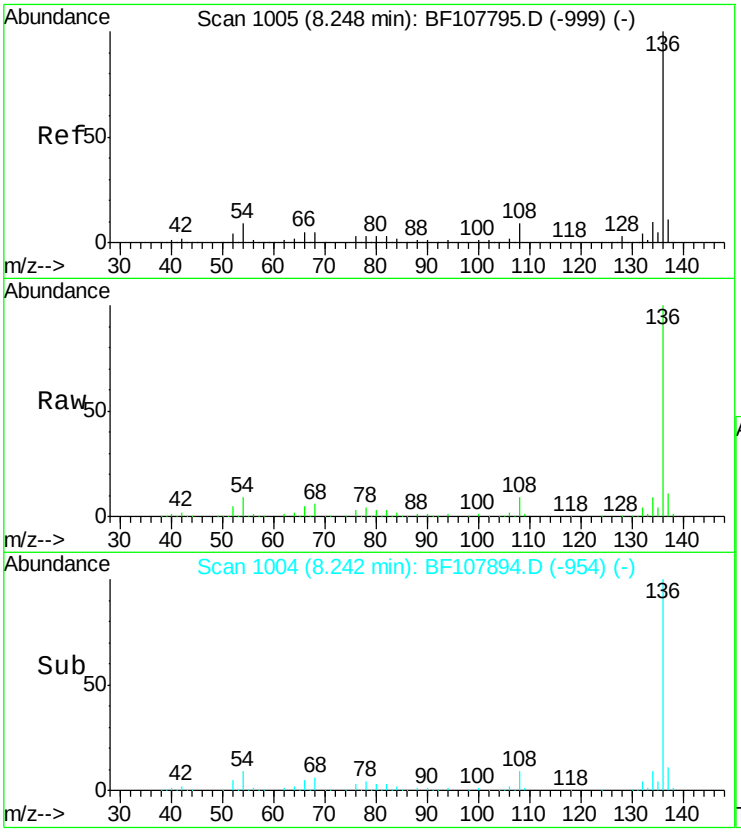


#7
Phenol-d6
Concen: 20.697 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion: 99 Resp: 161374

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	31.1	25.4	38.0



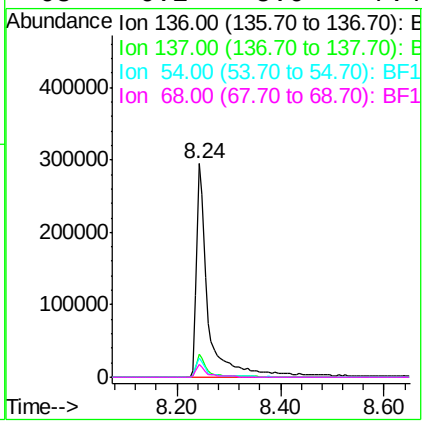


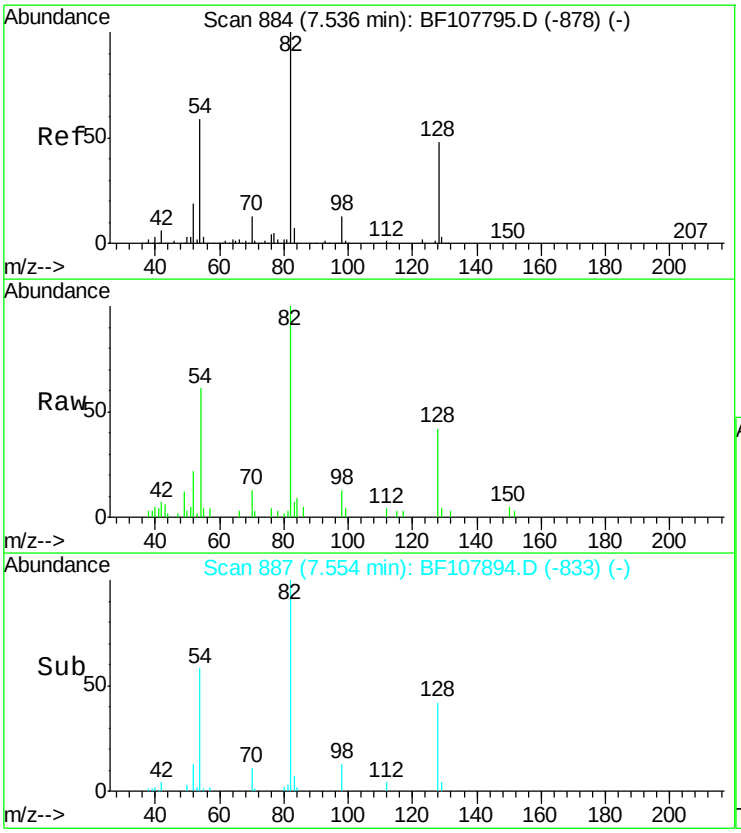
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:136 Resp: 464705

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.3	6.6	9.8
68	6.2	5.0	7.4

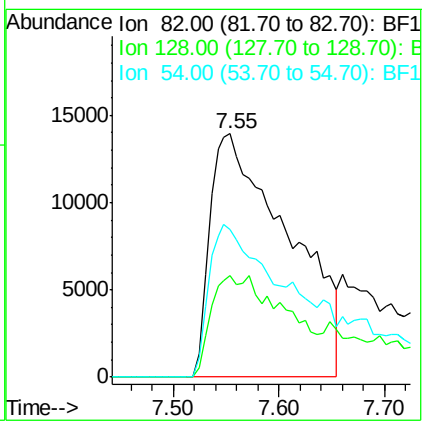


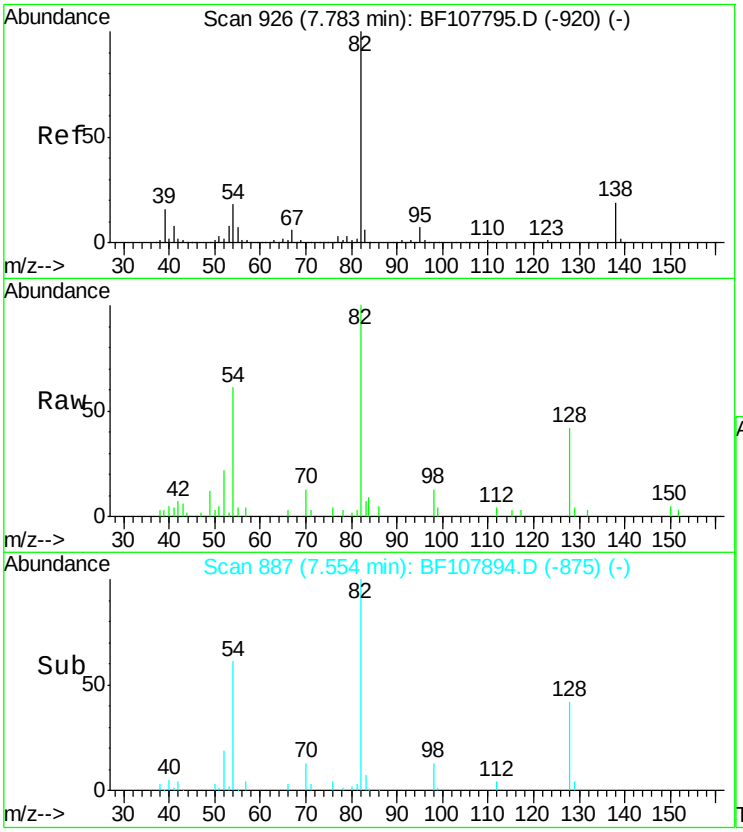


#23
Nitrobenzene-d5
Concen: 8.992 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.02 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion: 82 Resp: 72531

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	60.7	41.4	62.2



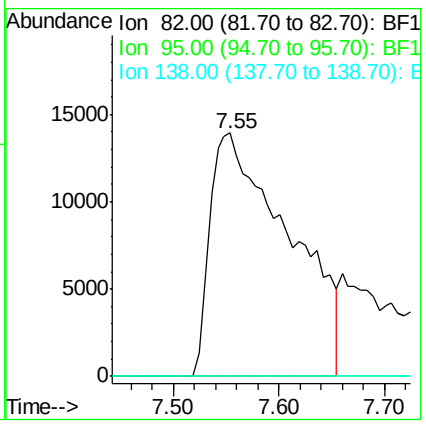


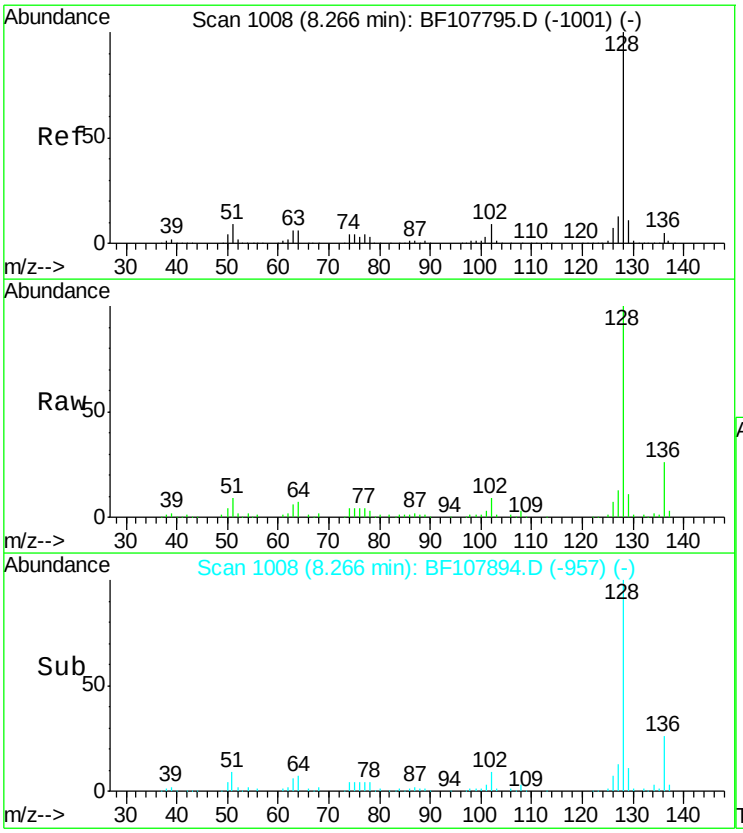
#25
Isophorone
Concen: 5.478 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.23 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion: 82 Resp: 72531

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

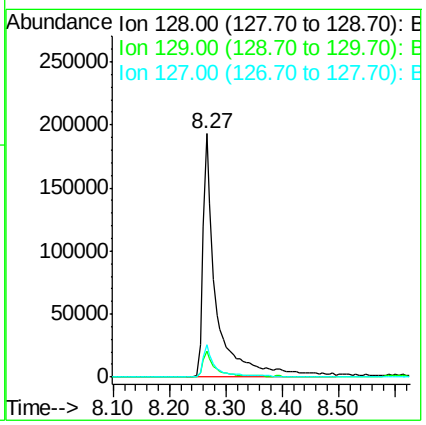


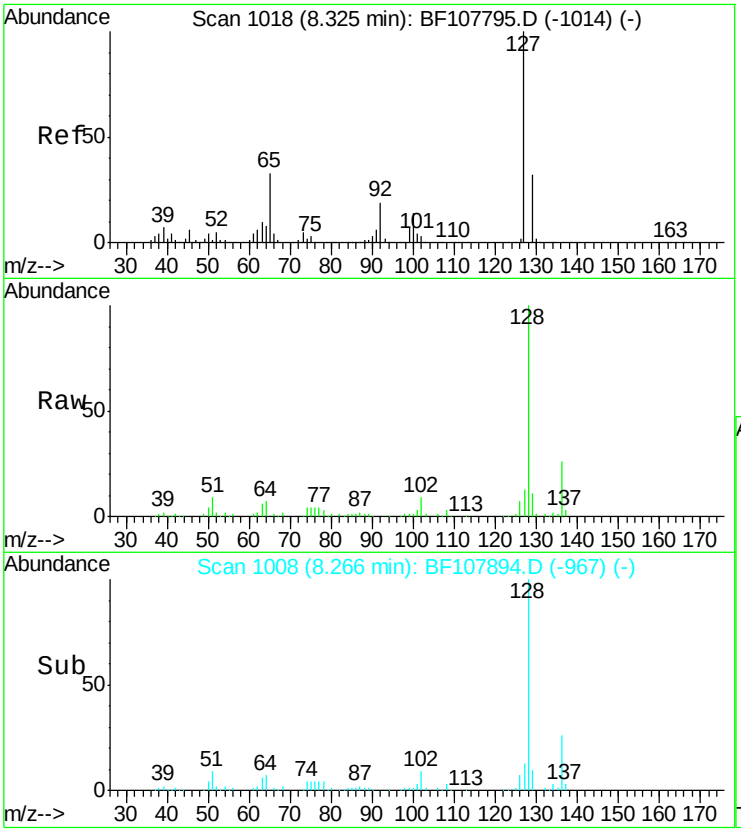


#31
Naphthalene
Concen: 15.066 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:128 Resp: 325455

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.3	10.9	16.3



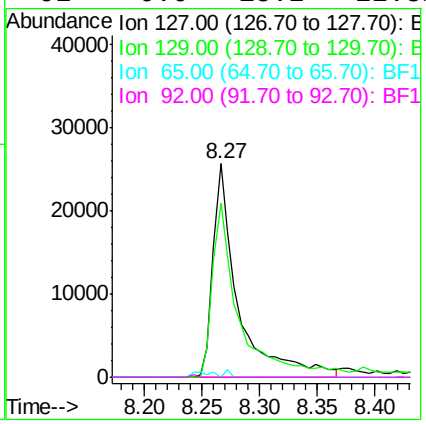


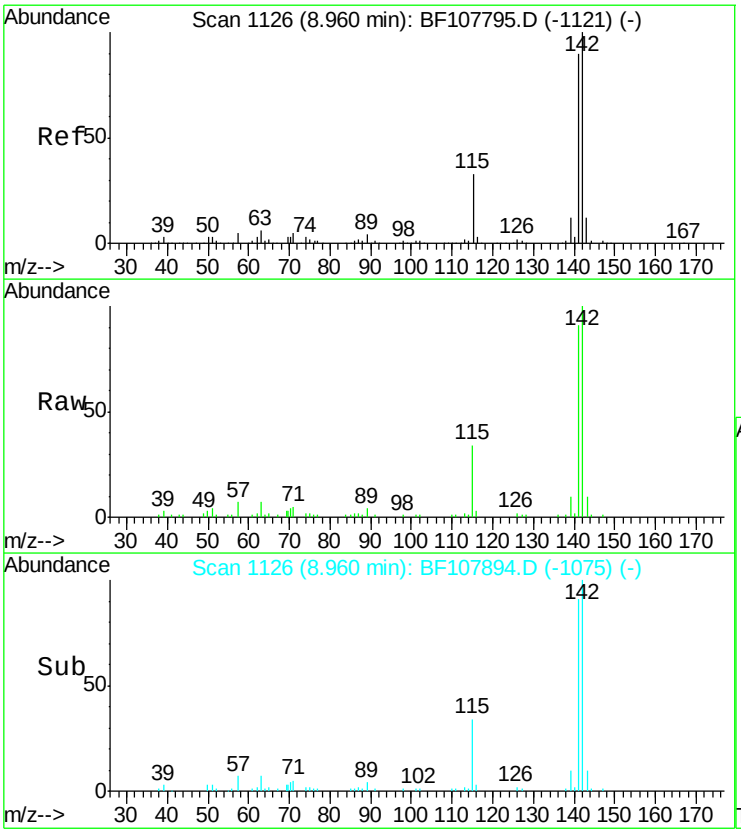
#33
4-Chloroaniline
Concen: 4.201 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:127 Resp: 38765

Ion	Ratio	Lower	Upper
127	100		
129	81.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

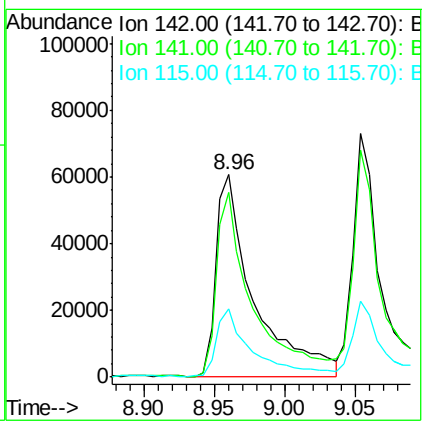


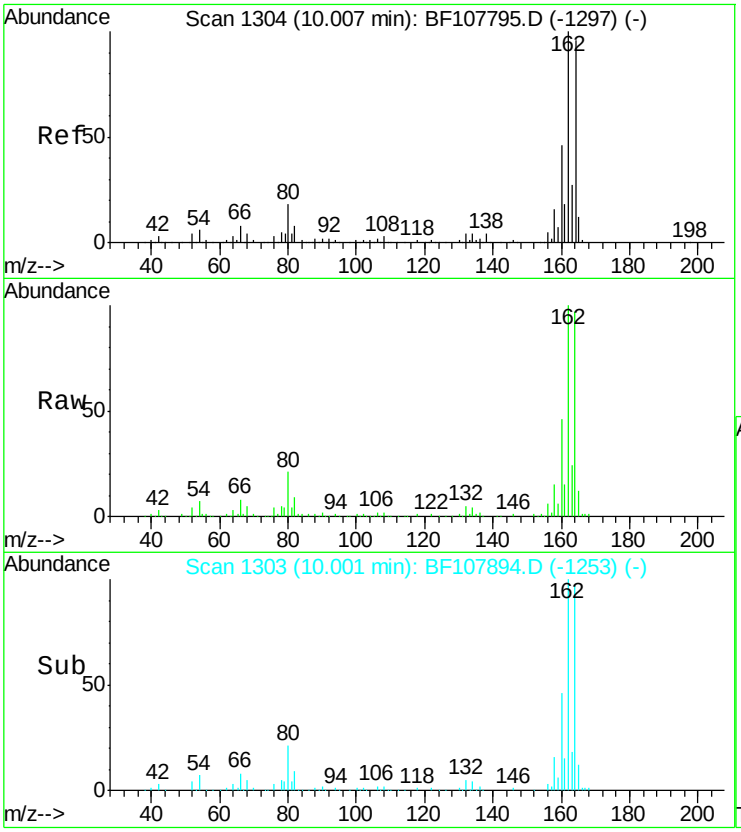


#37
2-Methylnaphthalene
Concen: 8.245 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:142 Resp: 111881

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	33.7	26.1	39.1



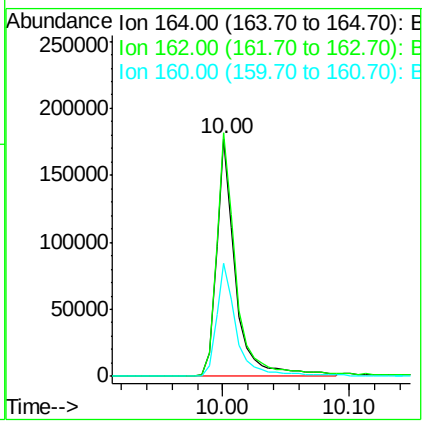


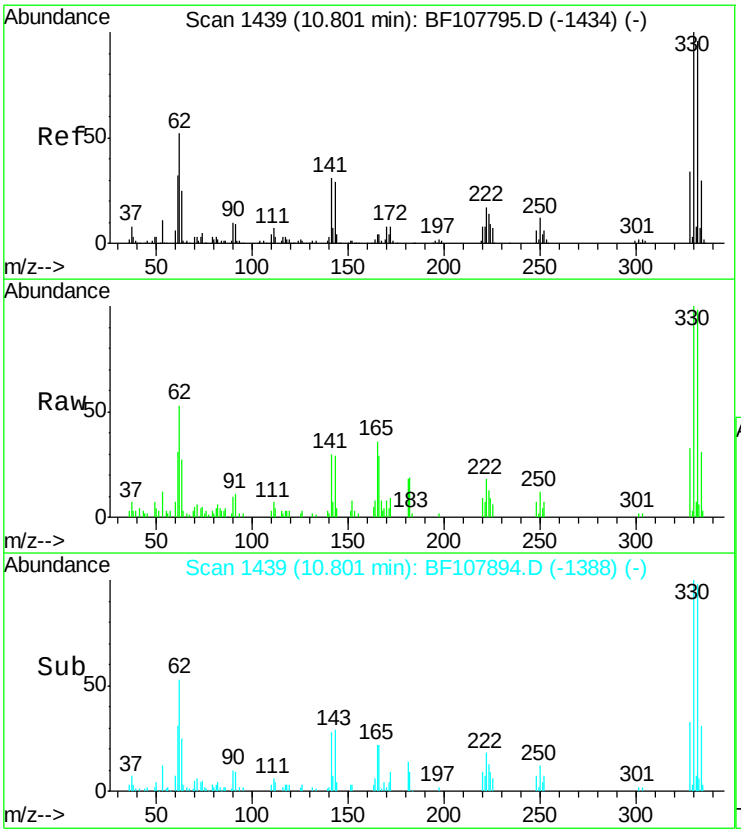
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:164 Resp: 186790

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.4	38.3	57.5

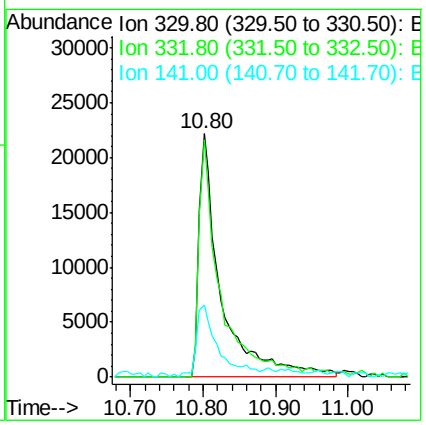


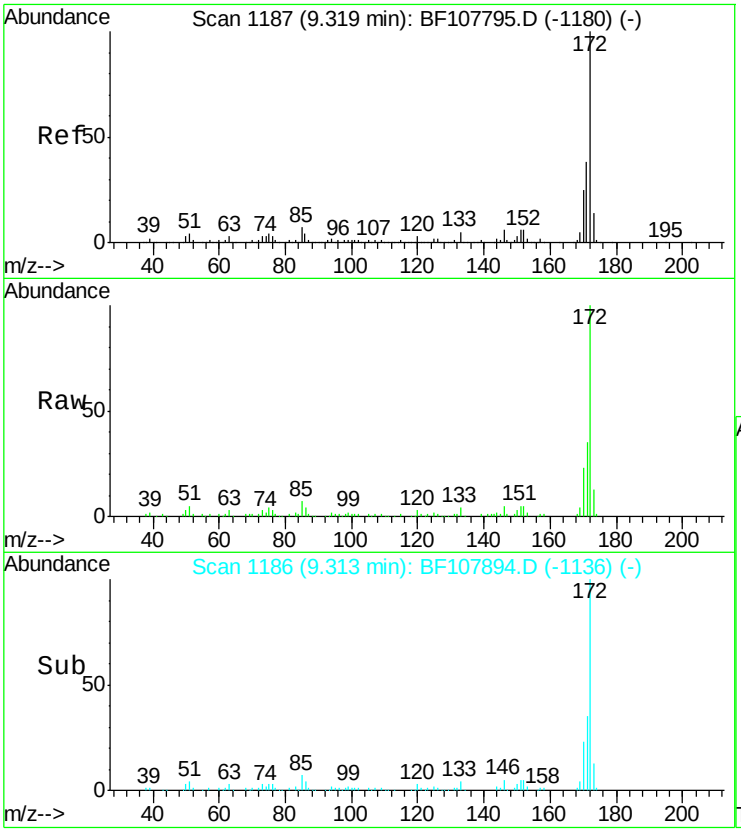


#41
2,4,6-Tribromophenol
Concen: 18.536 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:330 Resp: 47047

Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.0	115.6
141	29.4	29.9	44.9#



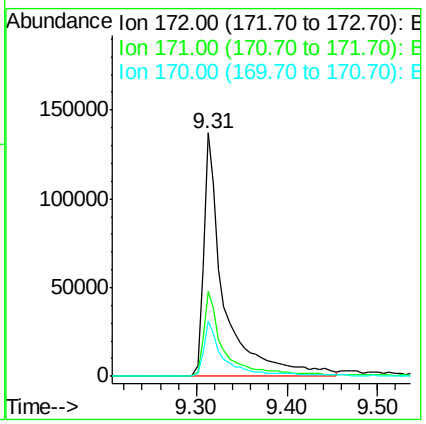


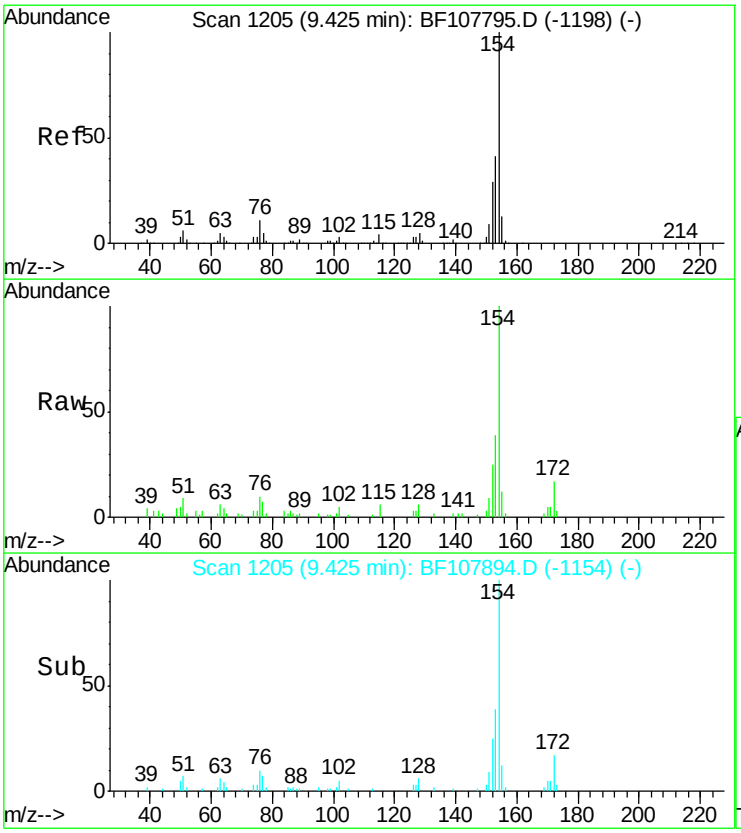
#44
2-Fluorobiphenyl
Concen: 16.084 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:172 Resp: 215592

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	22.5	19.6	29.4

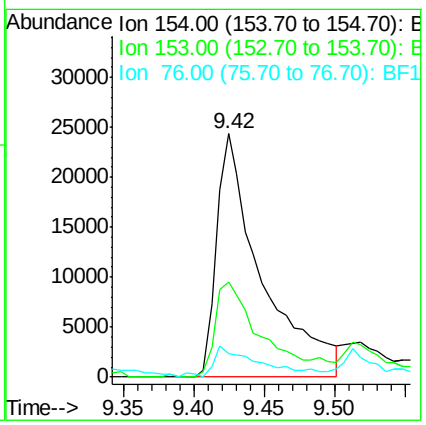


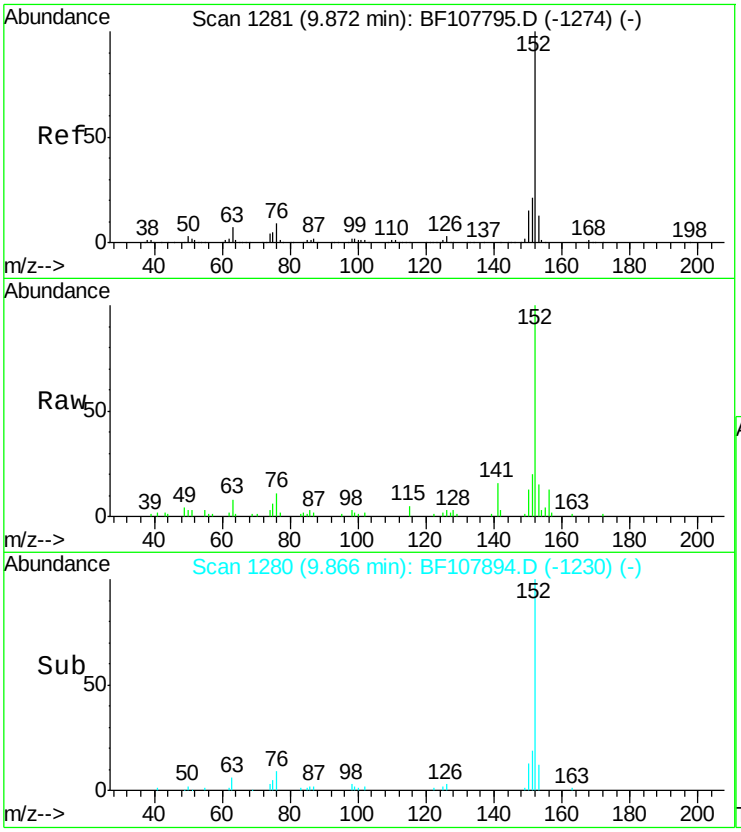


#45
1,1'-Biphenyl
Concen: 3.164 ng
RT: 9.42 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:154 Resp: 53782

Ion	Ratio	Lower	Upper
154	100		
153	39.0	21.3	61.3
76	9.6	0.0	34.0



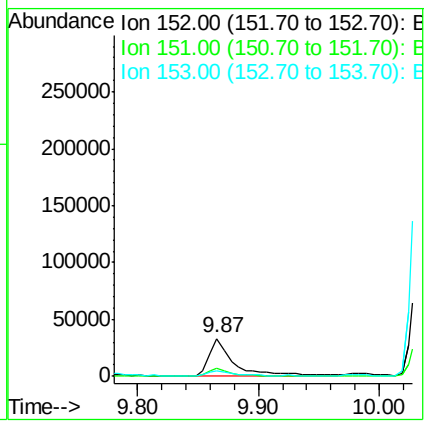


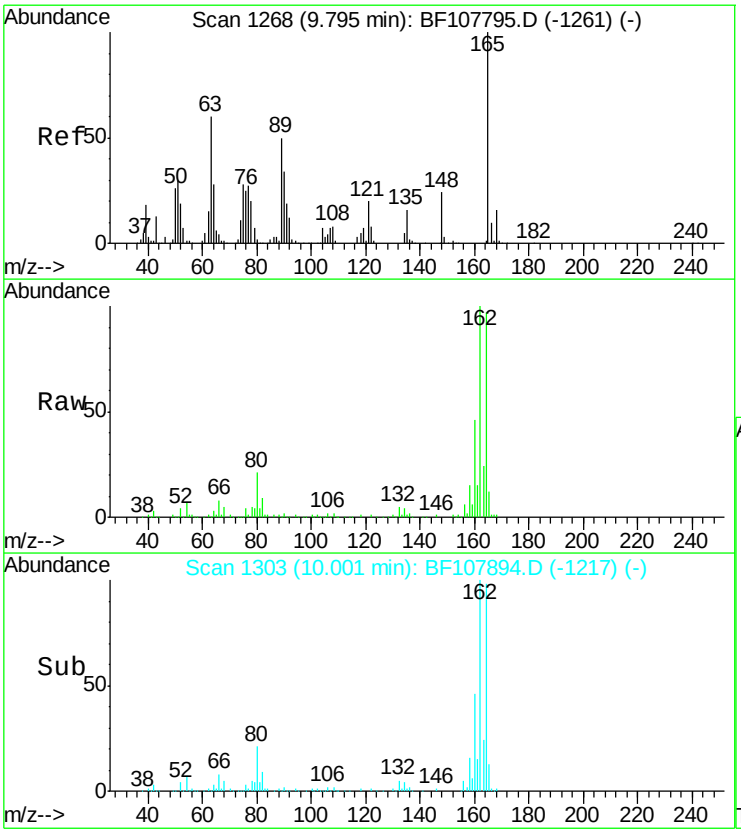
#48
Acenaphthylene
Concen: 2.197 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:152 Resp: 43671

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	15.4	10.7	16.1

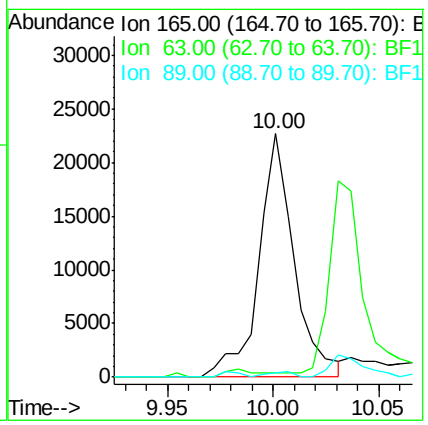


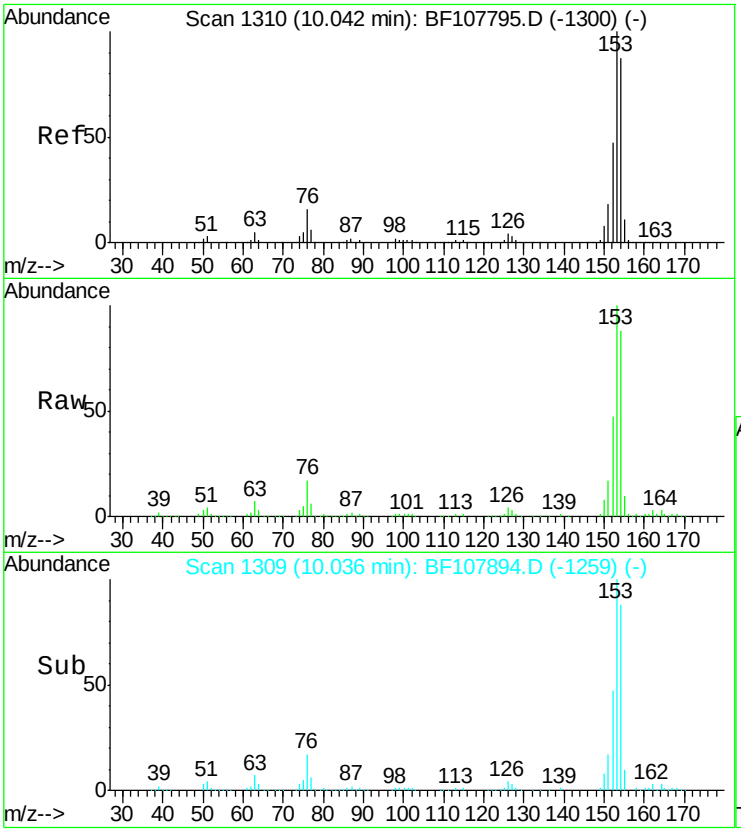


#50
2,6-Dinitrotoluene
Concen: 8.691 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:165 Resp: 26494

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.0	44.0	66.0#



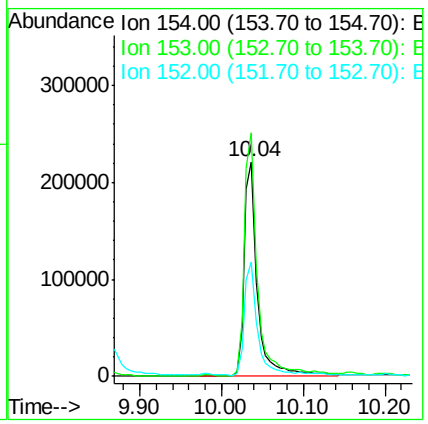


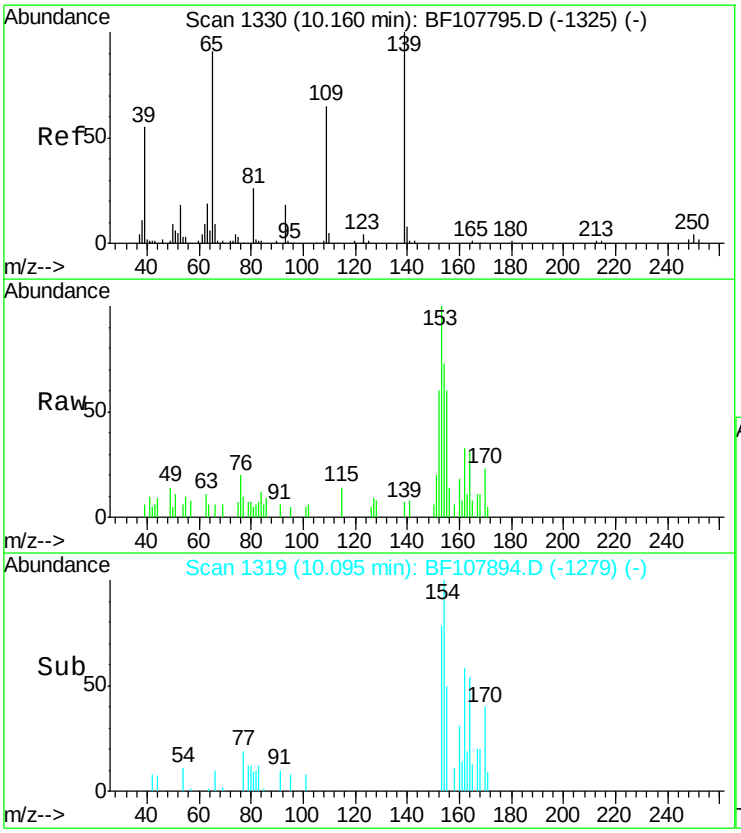
#51
Acenaphthene
Concen: 21.882 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:154 Resp: 252607

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	53.4	43.8	65.8

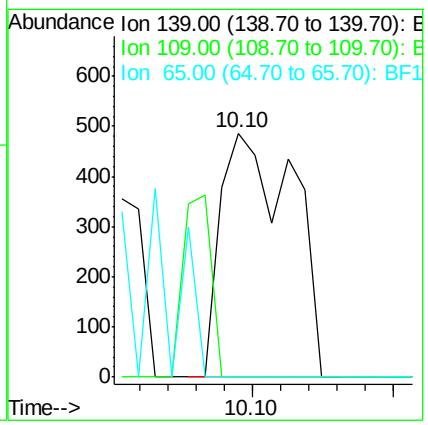


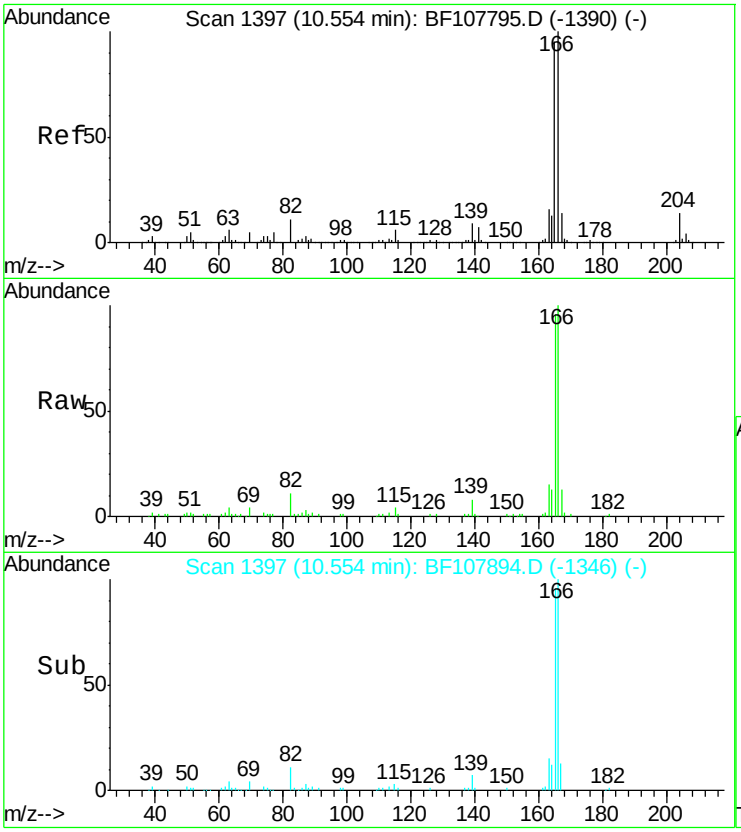


#55
4-Nitrophenol
Concen: 9.730 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:139 Resp: 854

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



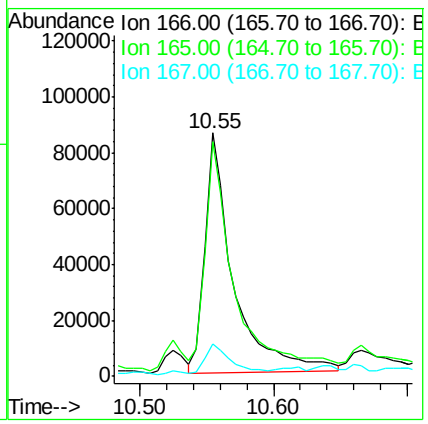


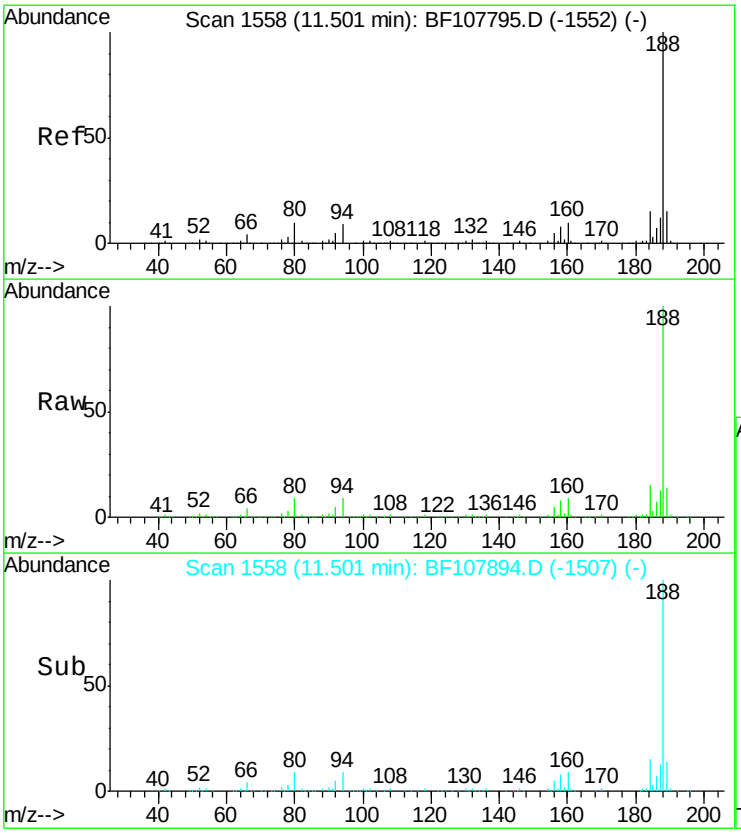
#57
Fluorene
Concen: 9.322 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:166 Resp: 129270

Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.8	119.8
167	13.3	10.6	16.0

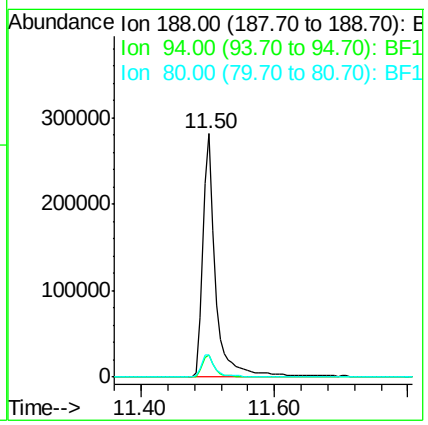


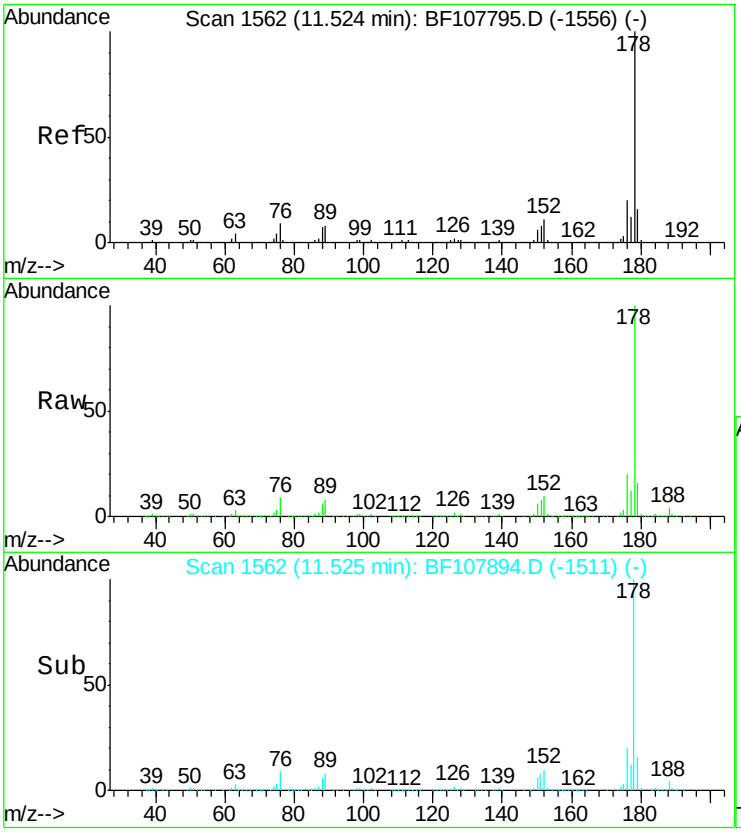


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:188 Resp: 368499

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.1	9.2	13.8#



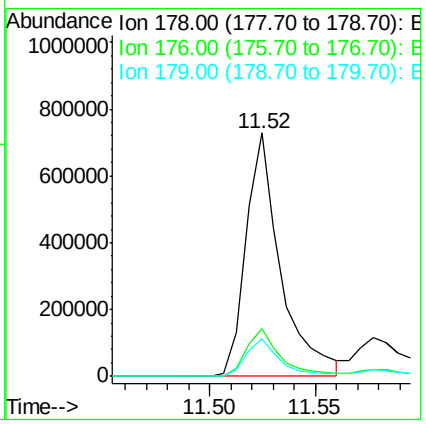


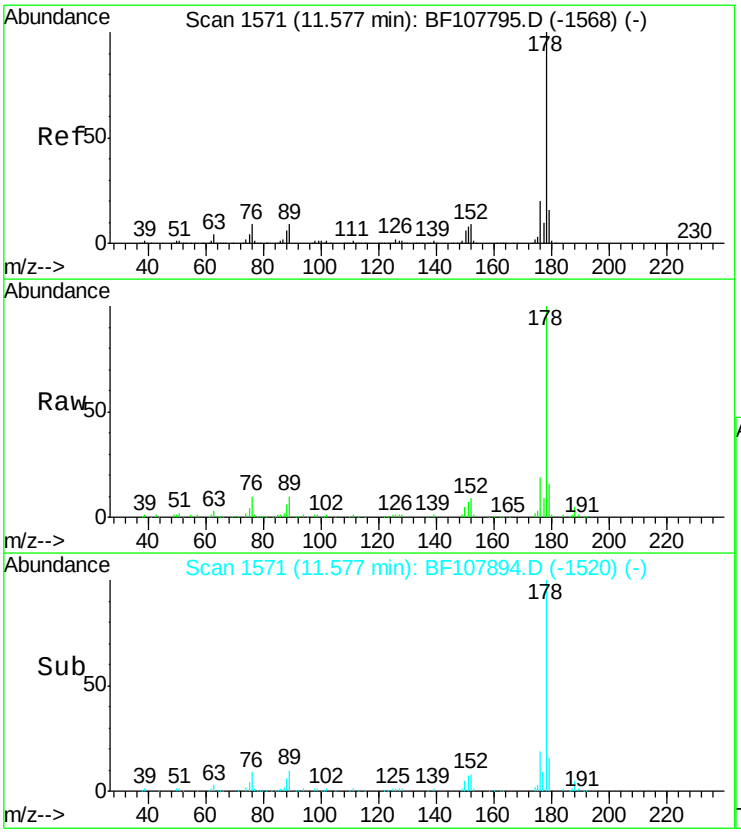
#70
Phenanthrene
Concen: 47.457 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:178 Resp: 830380

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6

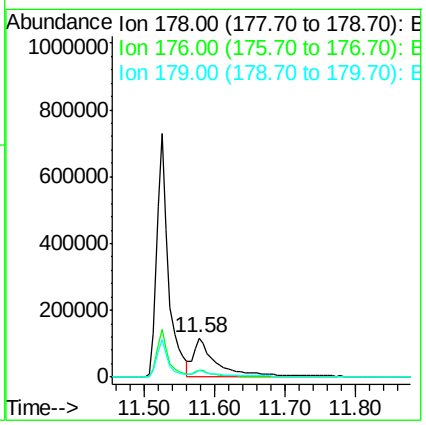


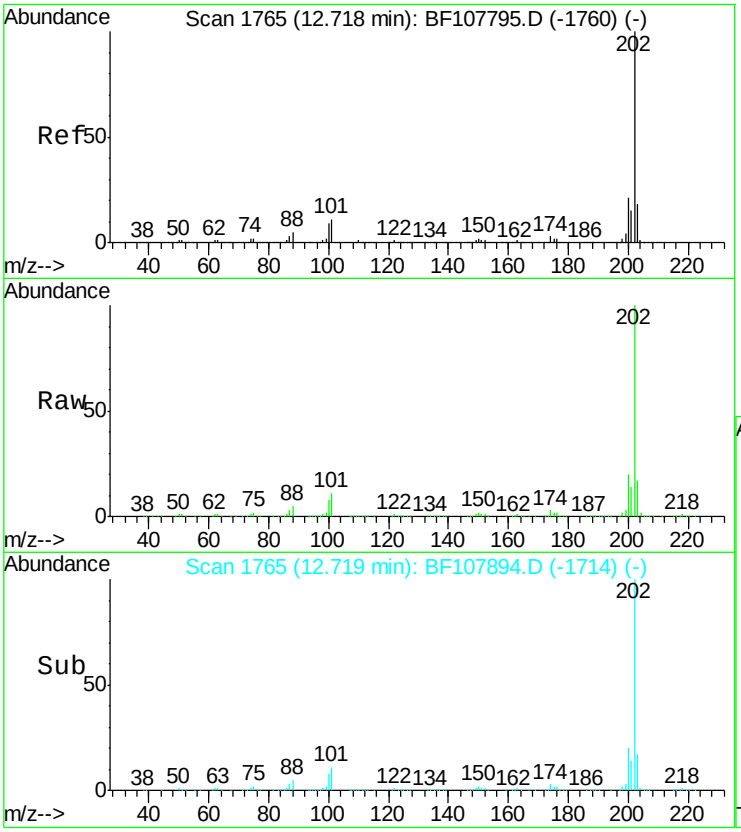


#71
Anthracene
Concen: 13.278 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:178 Resp: 267986

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.1	12.6	19.0



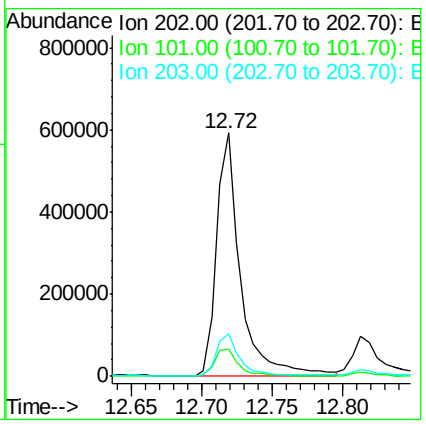


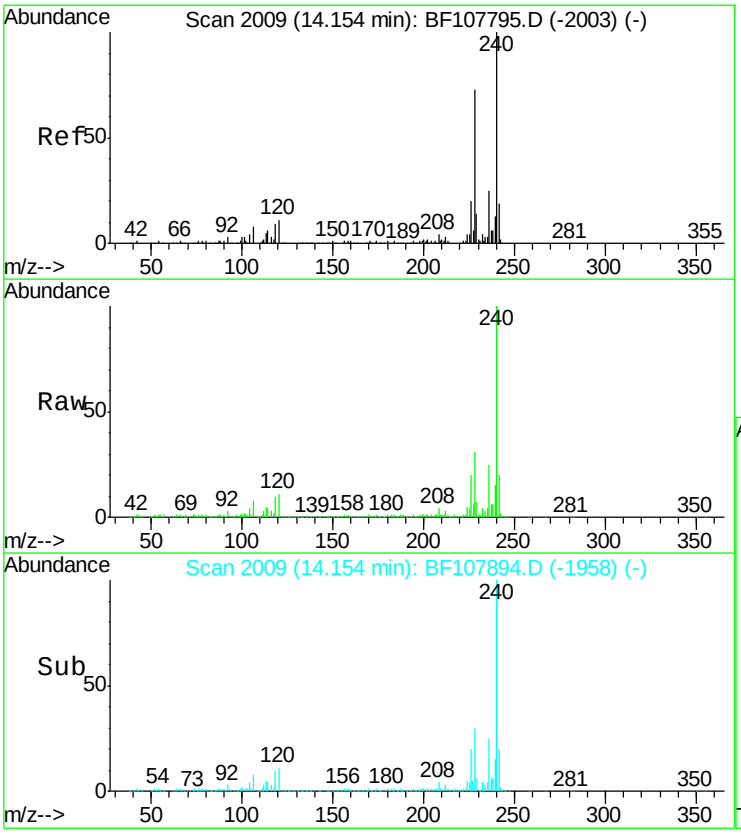
#74
Fluoranthene
Concen: 33.672 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:202 Resp: 692171

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.4	0.0	38.1

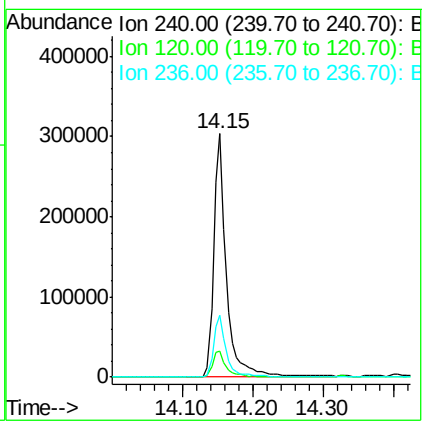


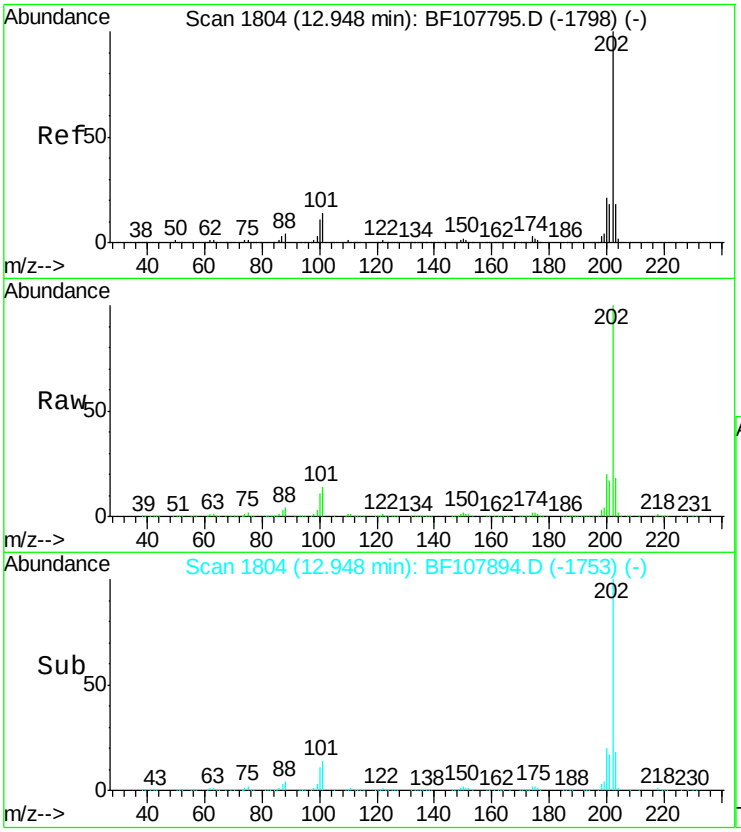


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:240 Resp: 383531

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.4	20.7	31.1



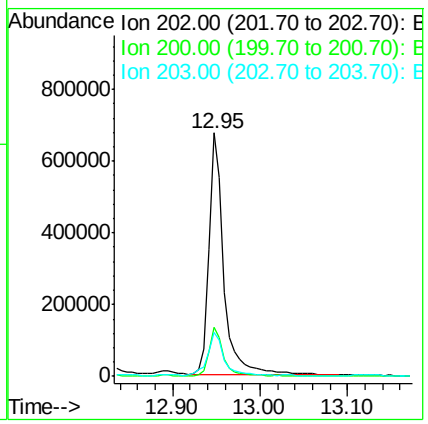


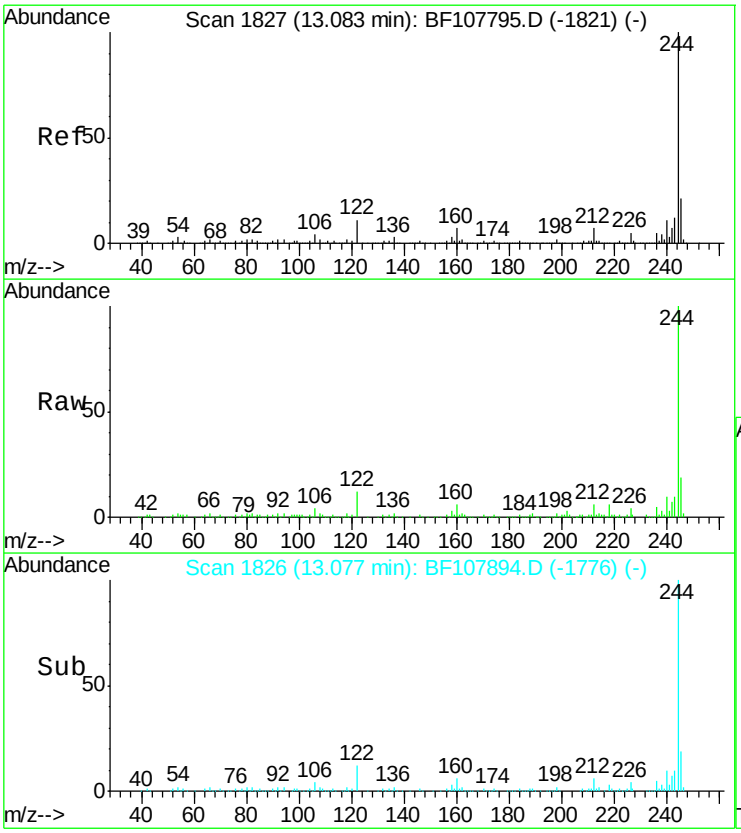
#77
Pyrene
Concen: 28.714 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:202 Resp: 793014

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.3	14.3	21.5

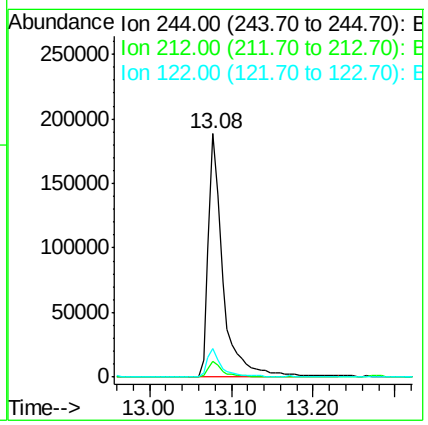


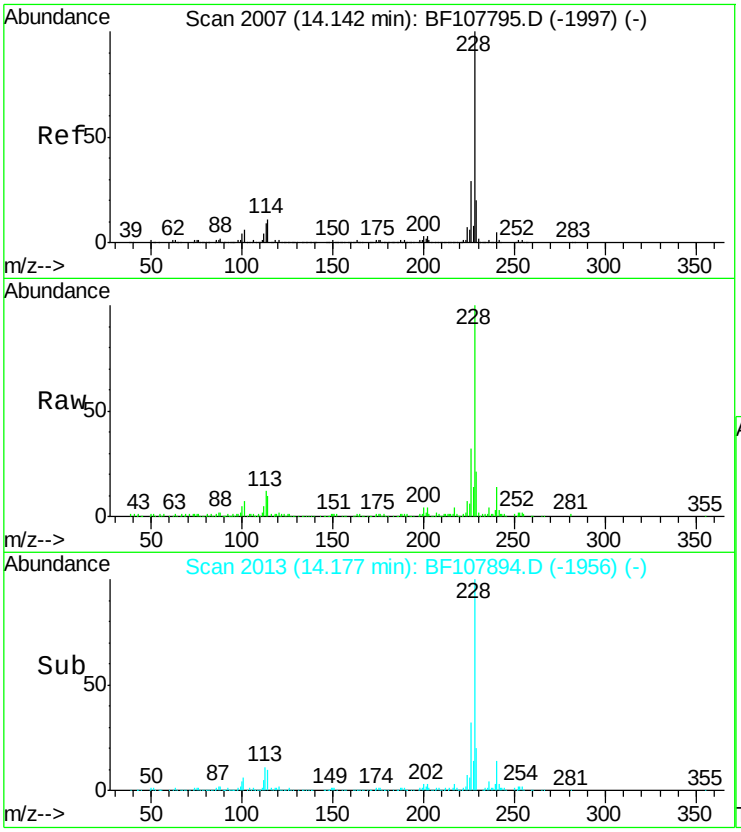


#78
Terphenyl-d14
Concen: 13.463 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:244 Resp: 238118

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.7	11.0	16.4



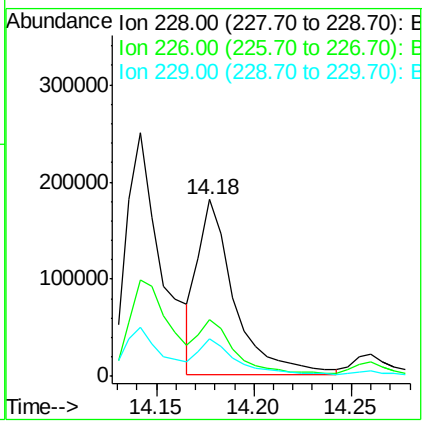


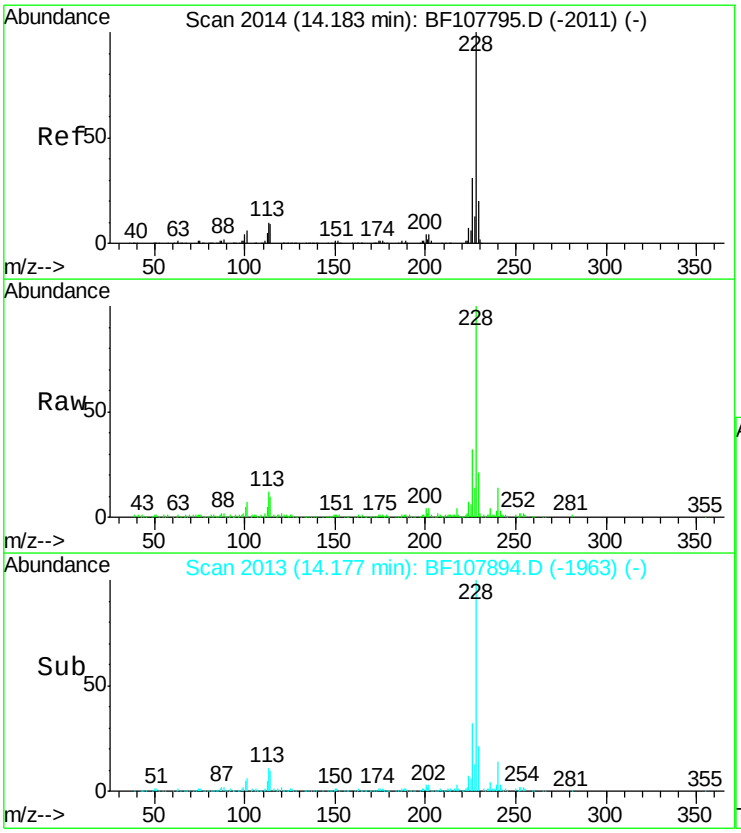
#80
Benzo(a)anthracene
Concen: 10.936 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:228 Resp: 237589

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	21.3	15.8	23.6

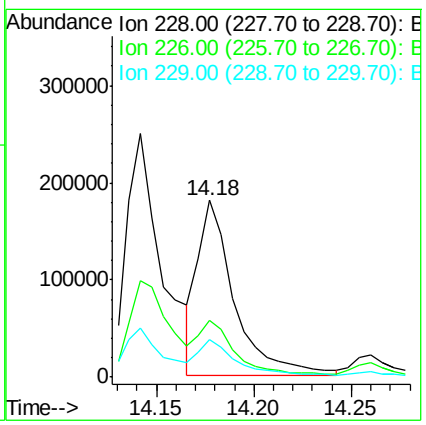


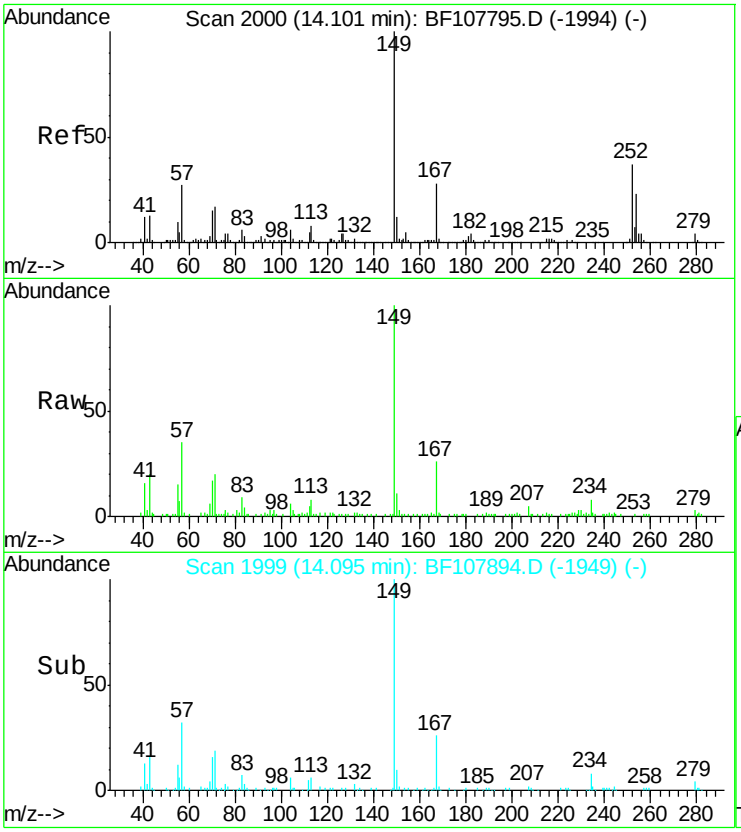


#82
Chrysene
Concen: 10.139 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:228 Resp: 237589

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	21.3	16.2	24.4



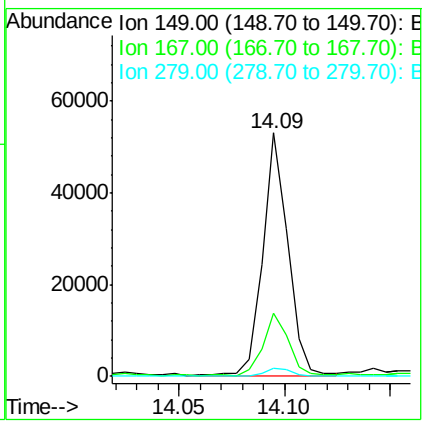


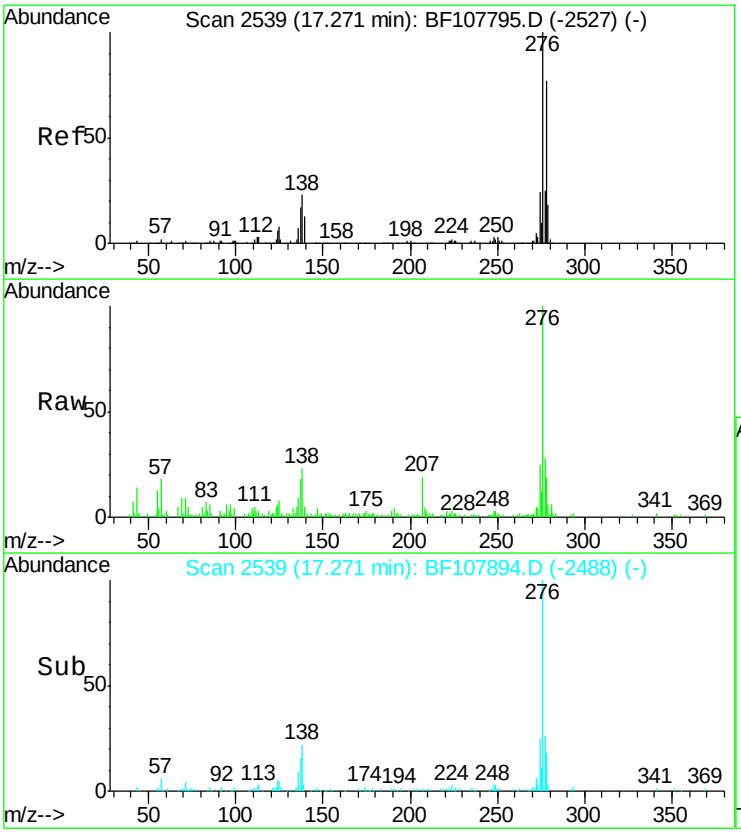
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.931 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:149 Resp: 44570

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4

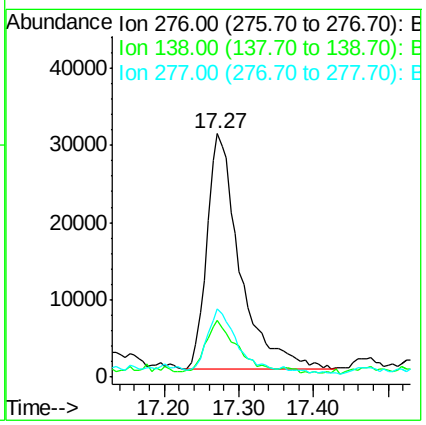


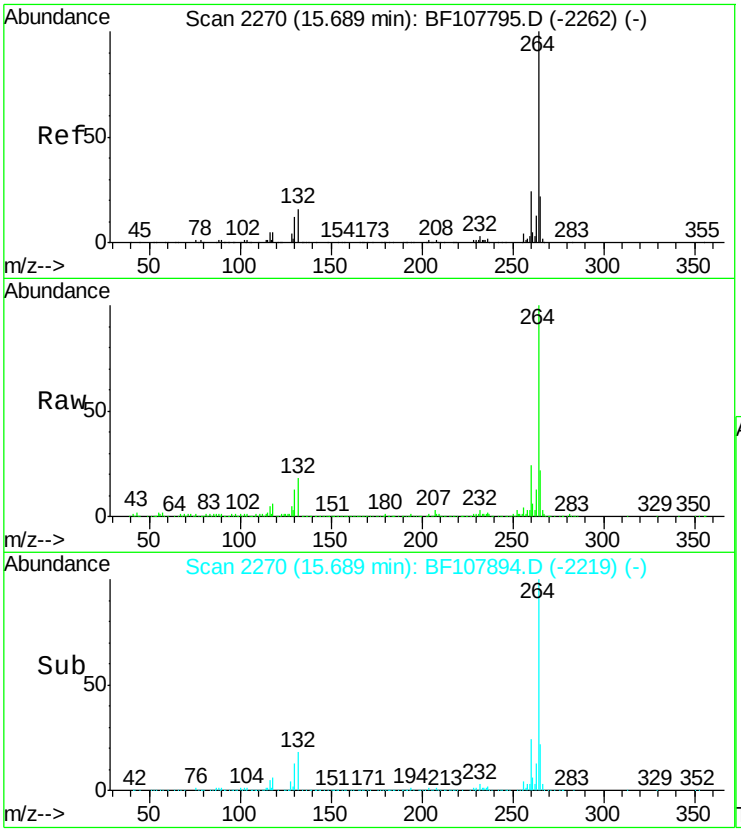


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.223 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:276 Resp: 93098

Ion	Ratio	Lower	Upper
276	100		
138	19.8	25.0	37.6#
277	27.7	20.1	30.1



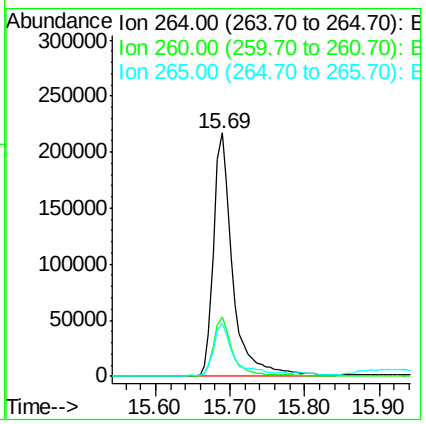


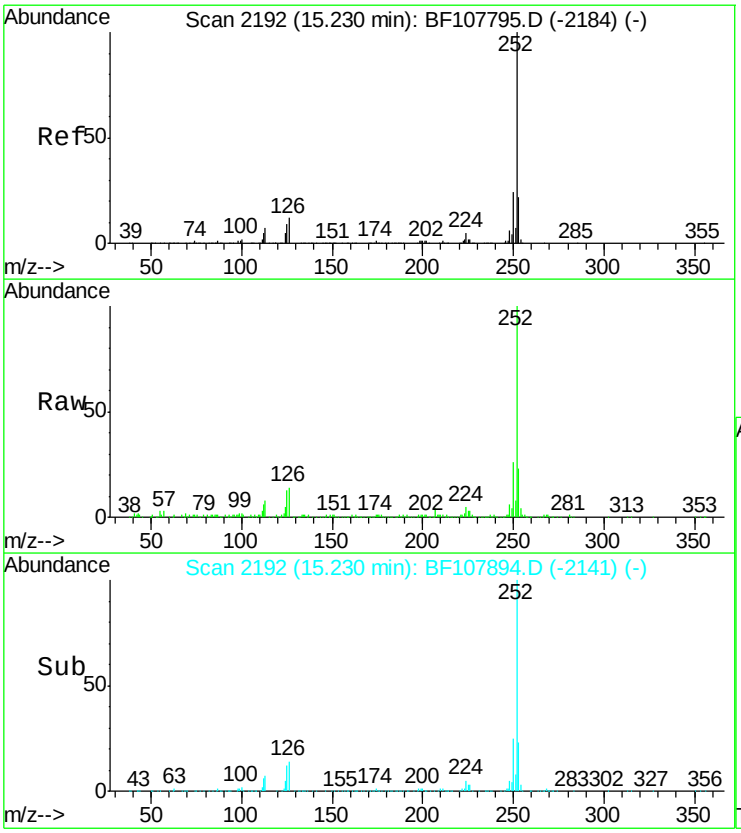
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:264 Resp: 384650

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3

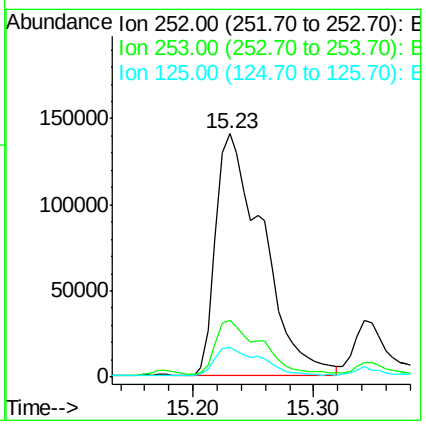


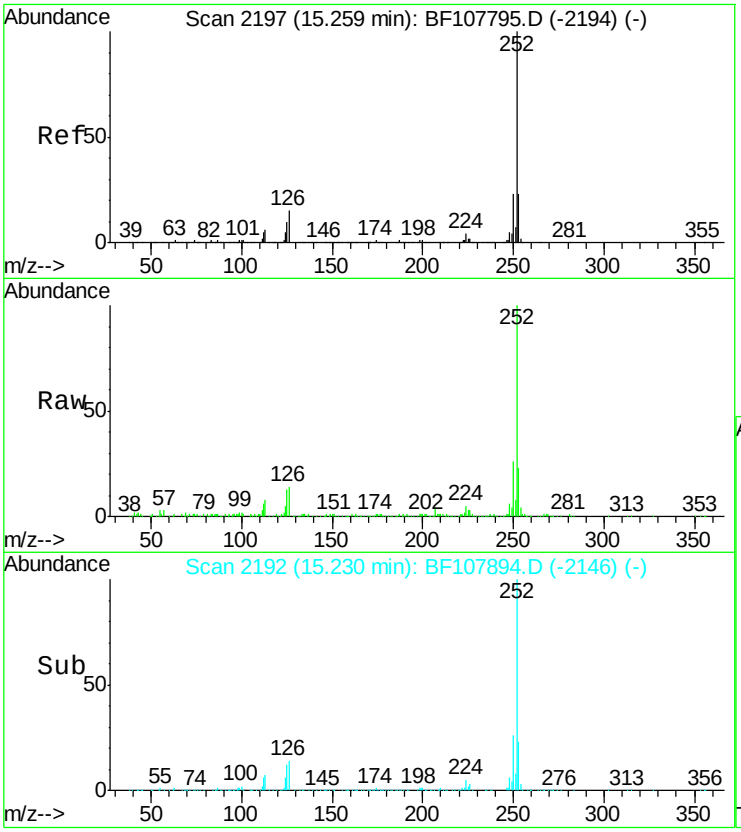


#87
Benzo(b)fluoranthene
Concen: 20.162 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:252 Resp: 382500

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.5	9.0	13.6



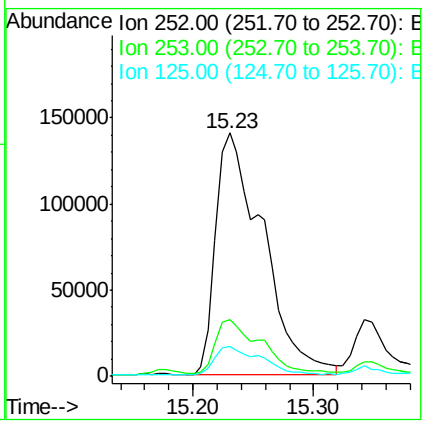


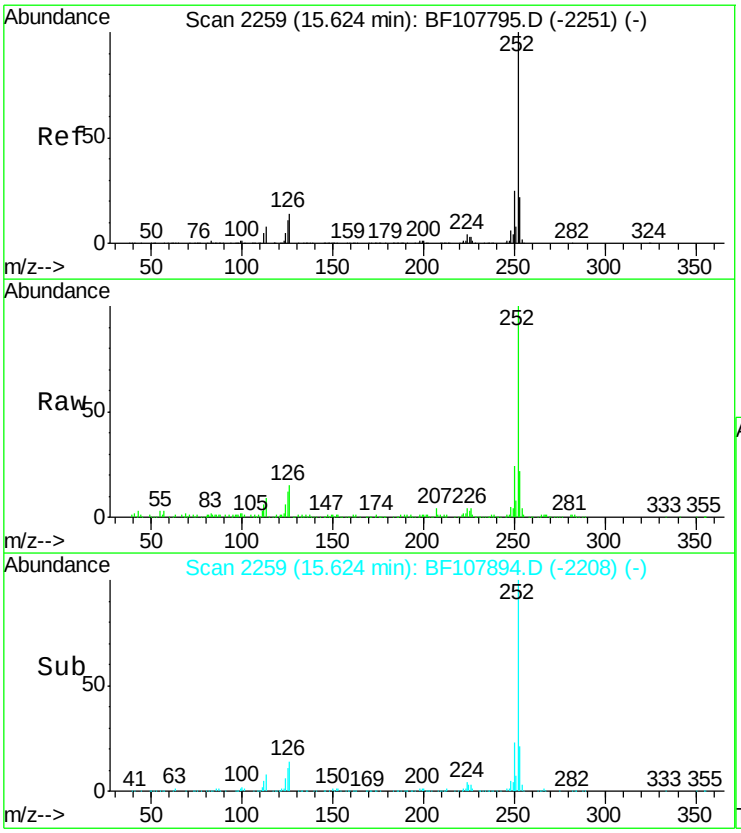
#88
Benzo(k)fluoranthene
Concen: 16.422 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:252 Resp: 382500

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.5	10.2	15.2

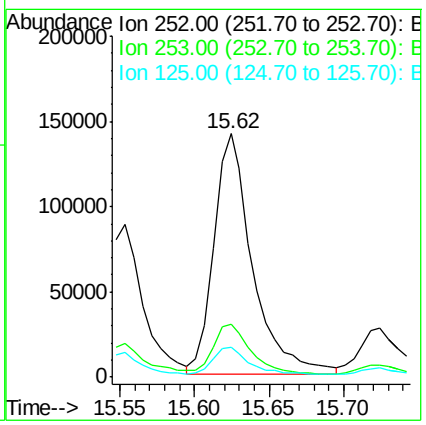


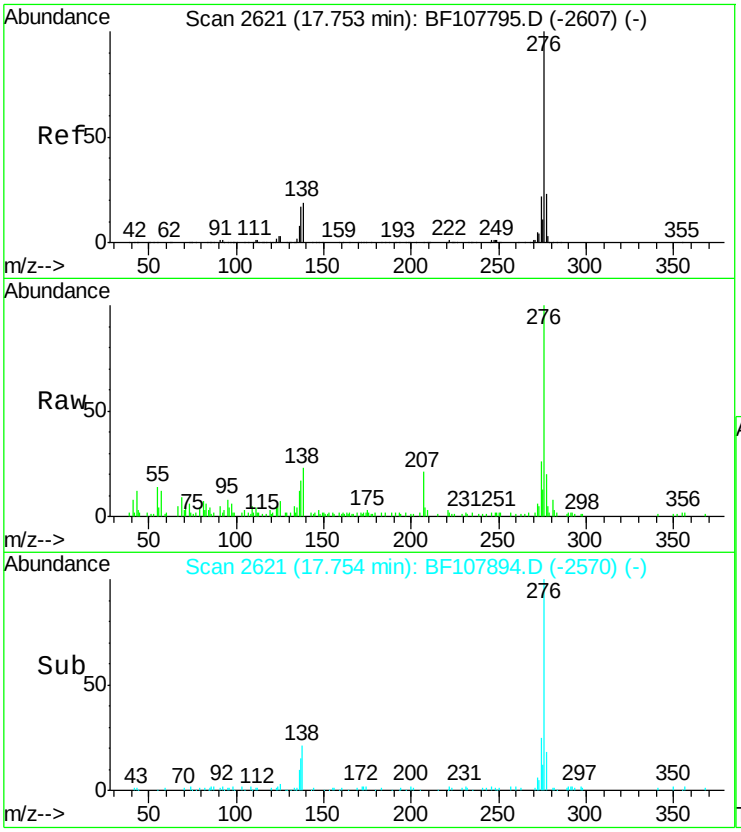


#89
Benzo(a)pyrene
Concen: 13.055 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Tgt Ion:252 Resp: 255669

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.340 ng
RT: 17.75 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BF107894.D
Acq: 1 Aug 2018 17:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7DL

Tgt Ion:276 Resp: 88271

Ion	Ratio	Lower	Upper
276	100		
277	19.6	17.9	26.9
138	23.1	21.8	32.8