Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107664.D
Acq On : 25 Jul 2018 18:28
Operator : JU/SJ
Sample : J4126-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-8

Quant Time: Jul 25 19:05:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	208769	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	806165	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	322870	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	547621	20.00	ng		0.00
75) Chrysene-d12	14.16	240	404468	20.00	ng		0.00
86) Perylene-d12	15.69	264	405168	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	375133	28.89	ng		-0.01
7) Phenol-d6	6.60	99	498183	31.95	ng		-0.02
23) Nitrobenzene-d5	7.53	82	295513	24.74	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	112572	30.66	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	461491	17.32	ng		-0.02
78) Terphenyl-d14	13.09	244	376076	23.80	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	9095	Below Cal			85
25) Isophorone	7.53	82	295511	11.586	ng	#	64
31) Naphthalene	8.27	128	1113206	31.402	ng		99
32) Benzoic acid	8.27	122	2900	8.217	ng	#	1
33) 4-Chloroaniline	8.27	127	147289	9.506	ng	#	33
37) 2-Methylnaphthalene	8.97	142	261560	10.647	ng		99
45) 1,1'-Biphenyl	9.42	154	378274	13.449	ng		97
48) Acenaphthylene	9.87	152	281962	8.731	ng		97
49) Dimethylphthalate	9.71	163	107521	4.419	ng	#	97
51) Acenaphthene	10.05	154	1323907	65.428	ng		99
53) 2,4-Dinitrophenol	10.31	184	810	8.772	ng	#	1
54) Dibenzofuran	10.21	168	123280	4.138	ng	#	94
56) 2,4-Dinitrotoluene	10.32	165	11928	2.045	ng	#	59
57) Fluorene	10.56	166	862245	40.572	ng		94
64) 4,6-Dinitro-2-methylphenol	10.87	198	1646	9.191	ng		86
70) Phenanthrene	11.54	178	3549459	133.010	ng		93
71) Anthracene	11.58	178	1399861	52.100	ng		99
73) Di-n-butylphthalate	12.04	149	3748	Below Cal		#	1
74) Fluoranthene	12.73	202	2391304	83.507	ng		96
77) Pyrene	12.97	202	3018469	109.104	ng		95
80) Benzo(a)anthracene	14.18	228	1014891	42.818	ng		94
81) 3,3'-Dichlorobenzidine	14.10	252	751	Below Cal		#	55
82) Chrysene	14.18	228	1014891	44.574	ng		98
87) Benzo(b)fluoranthene	15.24	252	1074938	48.477	ng		99
88) Benzo(k)fluoranthene	15.24	252	1074938	49.480	ng		98
89) Benzo(a)pyrene	15.63	252	891069	43.930	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	80085	4.567	ng		97
91) Benzo(g,h,i)perylene	17.75	276	380359	21.992	ng		94

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

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Quant Time: Jul 25 19:05:38 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
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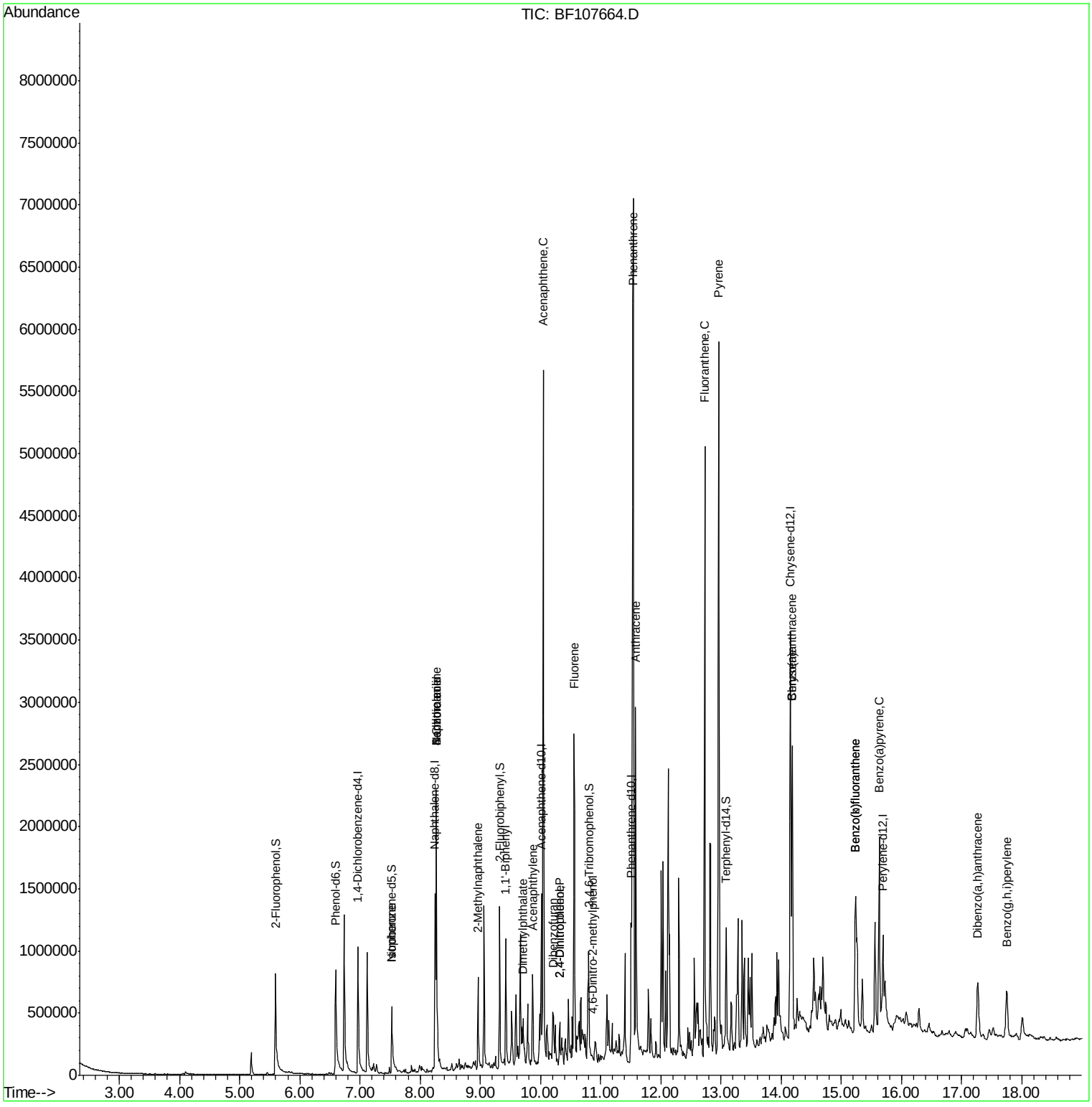
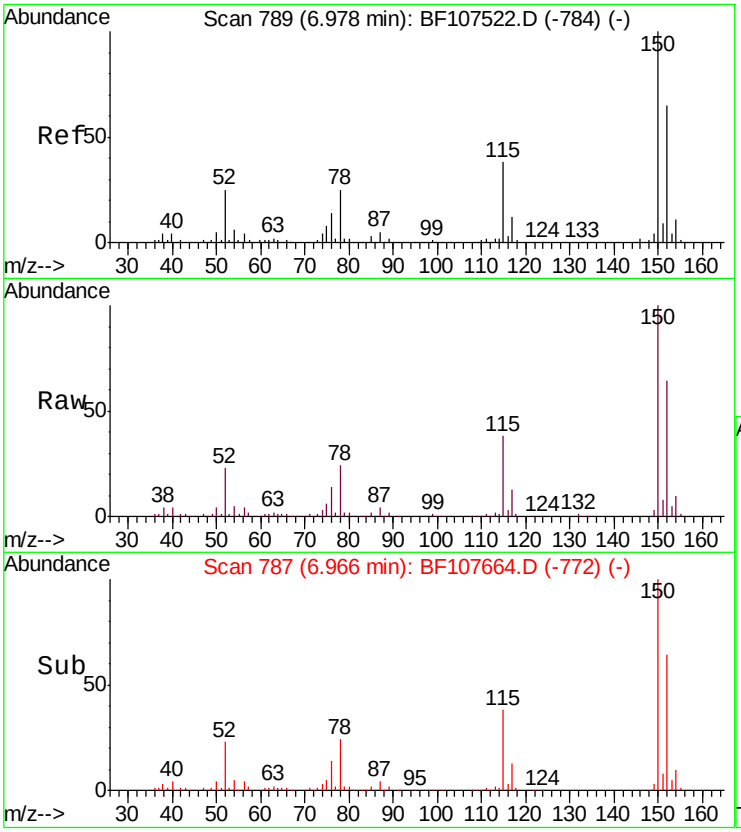


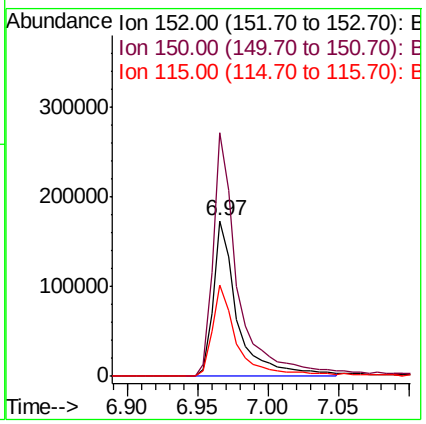


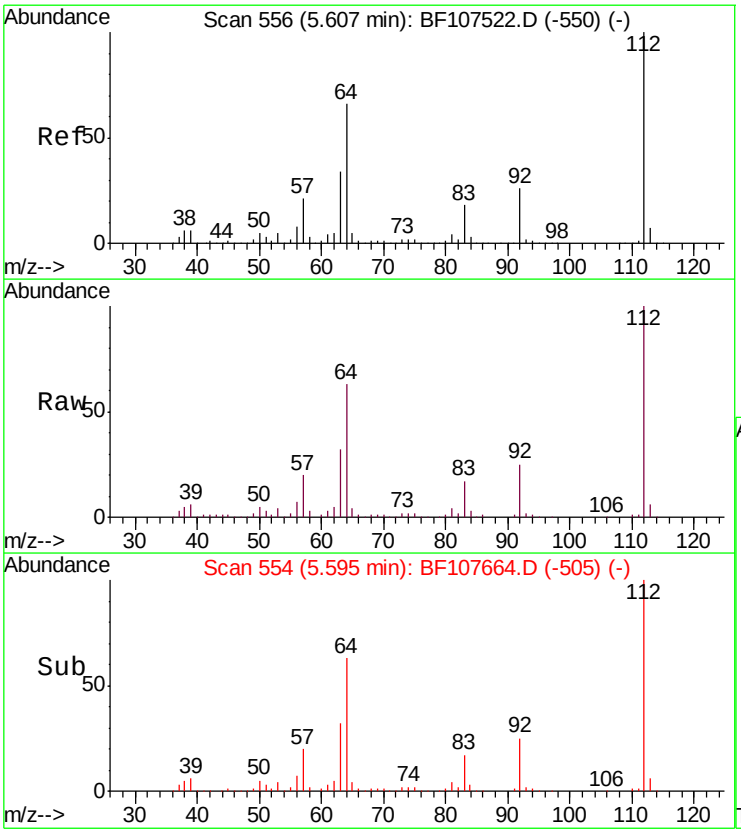
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:152 Resp: 208769

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	58.7	50.1	75.1

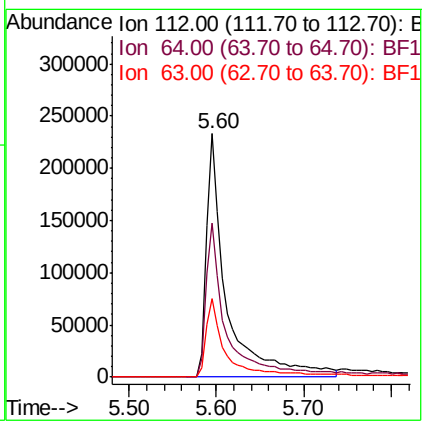


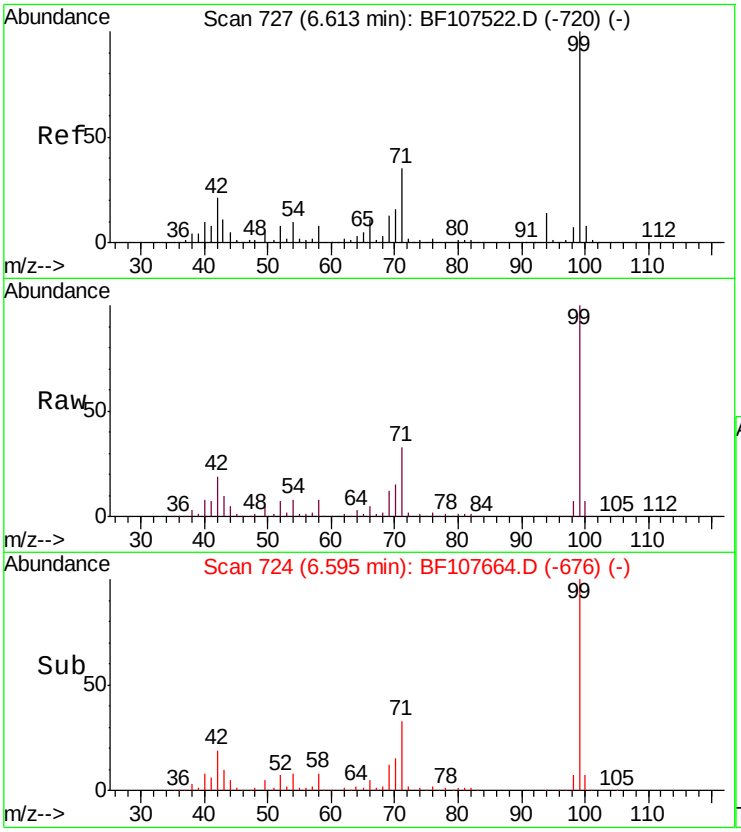


#5
2-Fluorophenol
Concen: 28.890 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:112 Resp: 375133

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	32.3	23.7	35.5



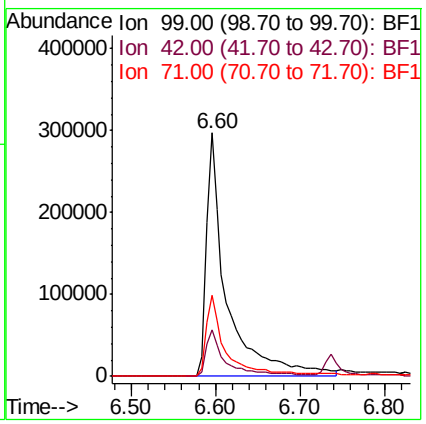


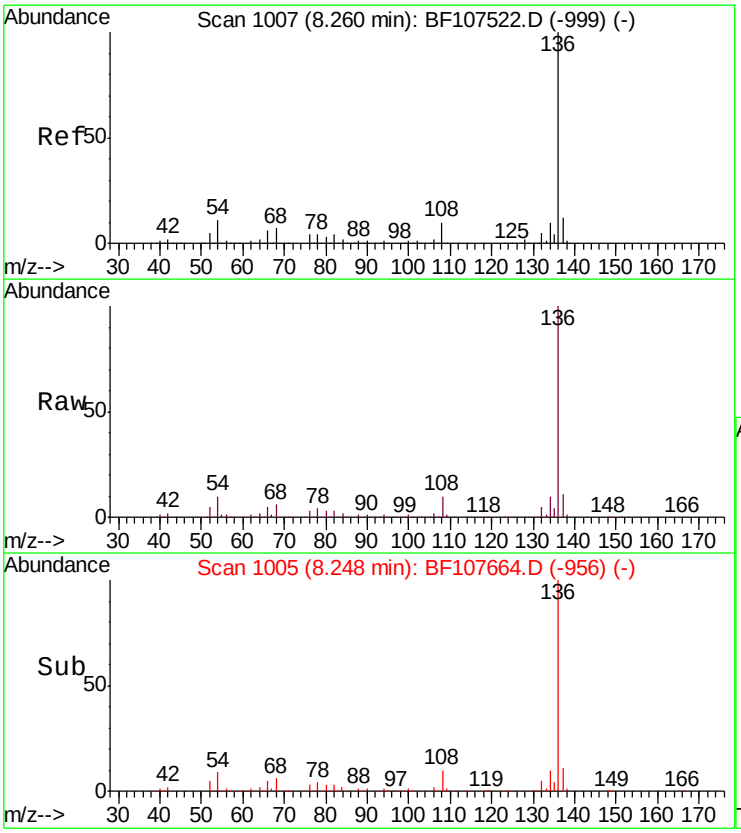
#7
Phenol-d6
Concen: 31.953 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion: 99 Resp: 498183

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.4	25.4	38.0

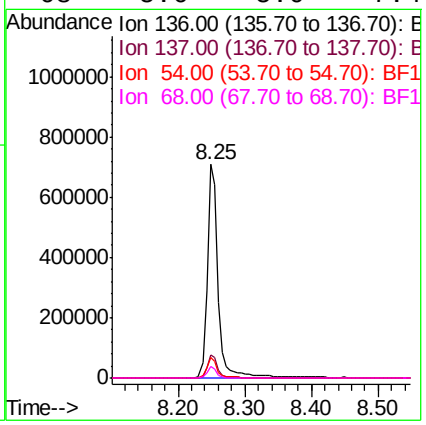


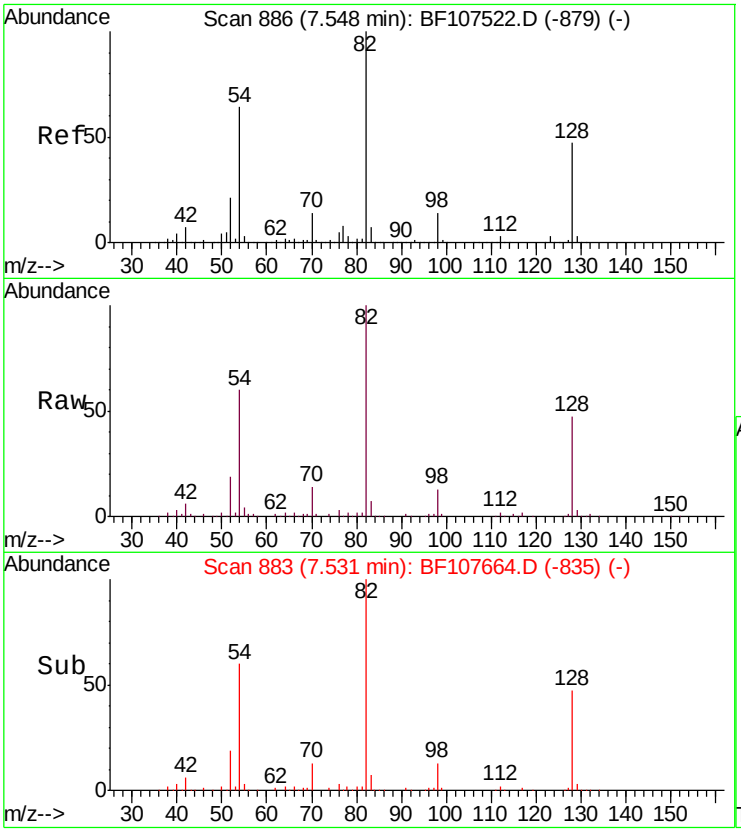


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:136 Resp: 806165

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	5.6	5.0	7.4



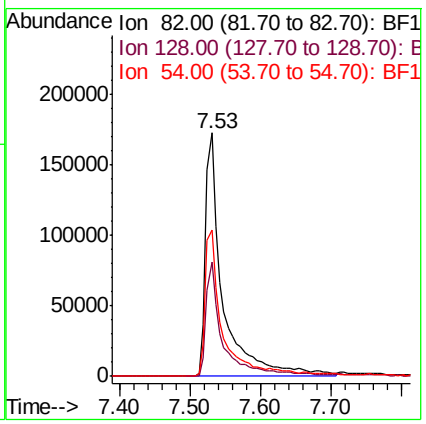


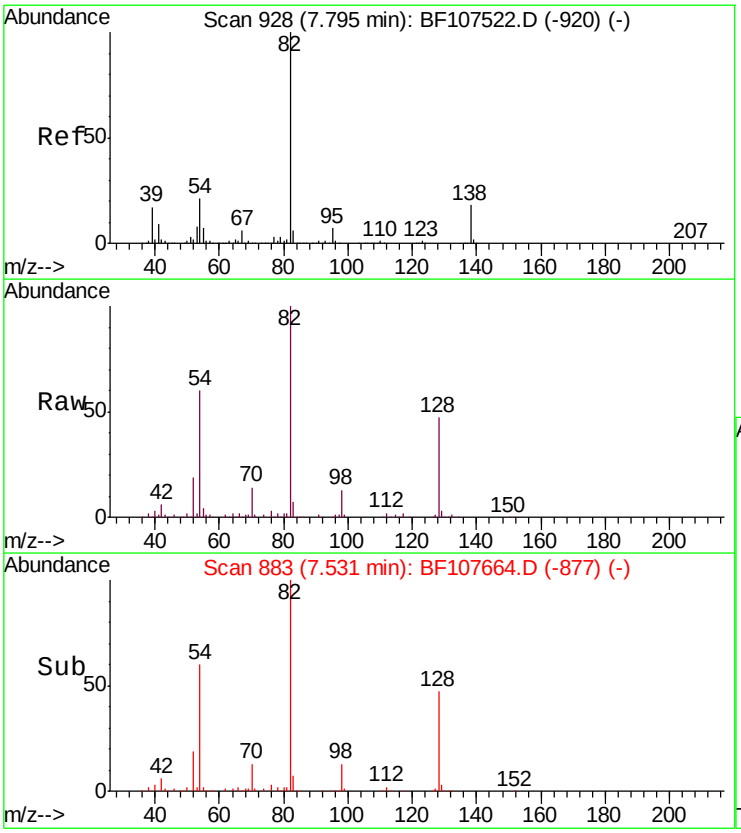
#23
Nitrobenzene-d5
Concen: 24.739 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion: 82 Resp: 295513

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	59.9	41.4	62.2

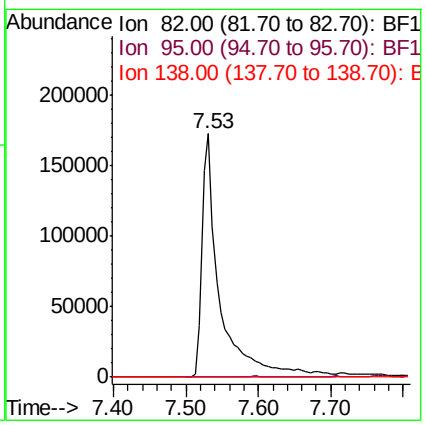


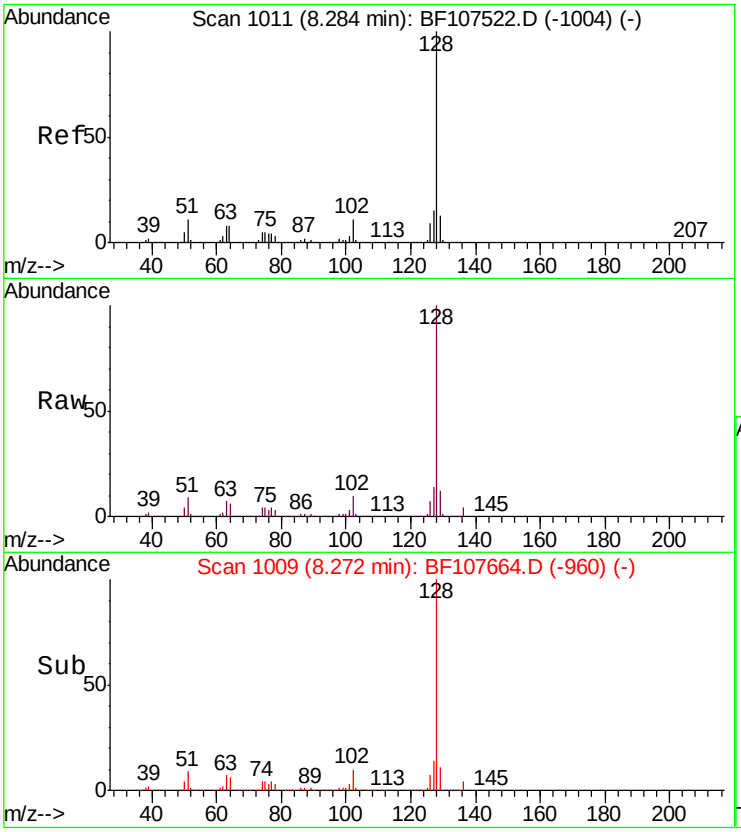


#25
Isophorone
Concen: 11.586 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion: 82 Resp: 295511

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



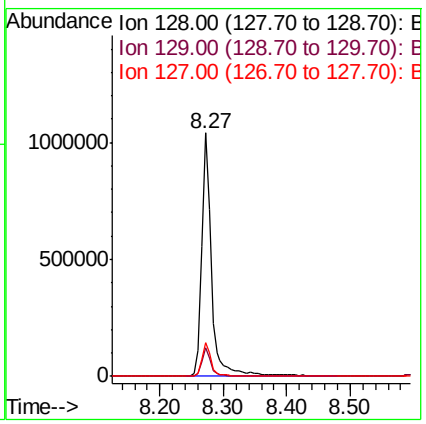


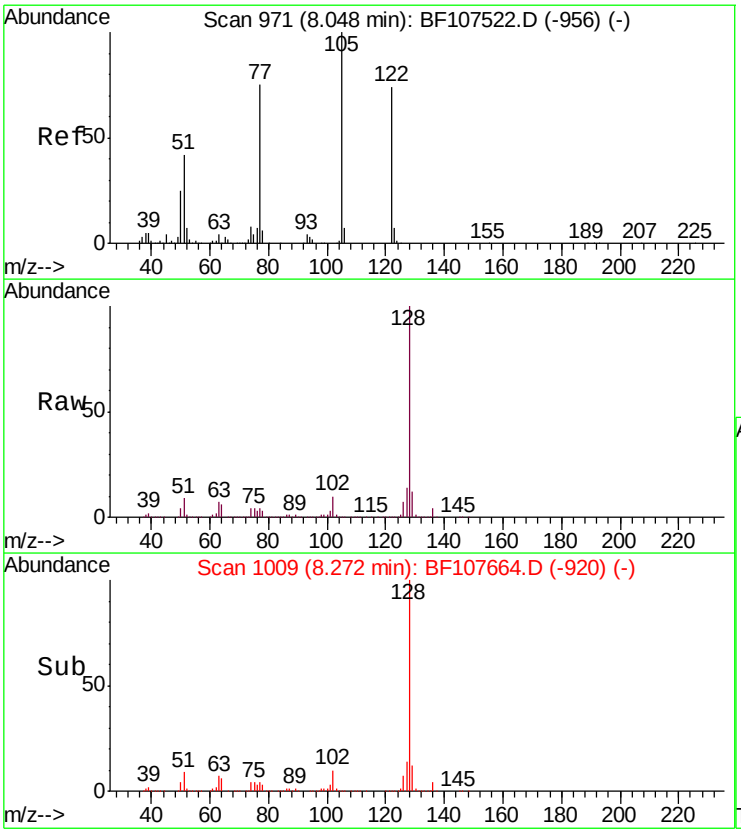
#31
Naphthalene
Concen: 31.402 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:128 Resp: 1113206

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.9	10.9	16.3

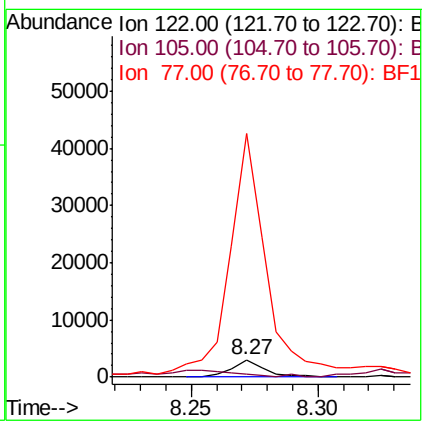


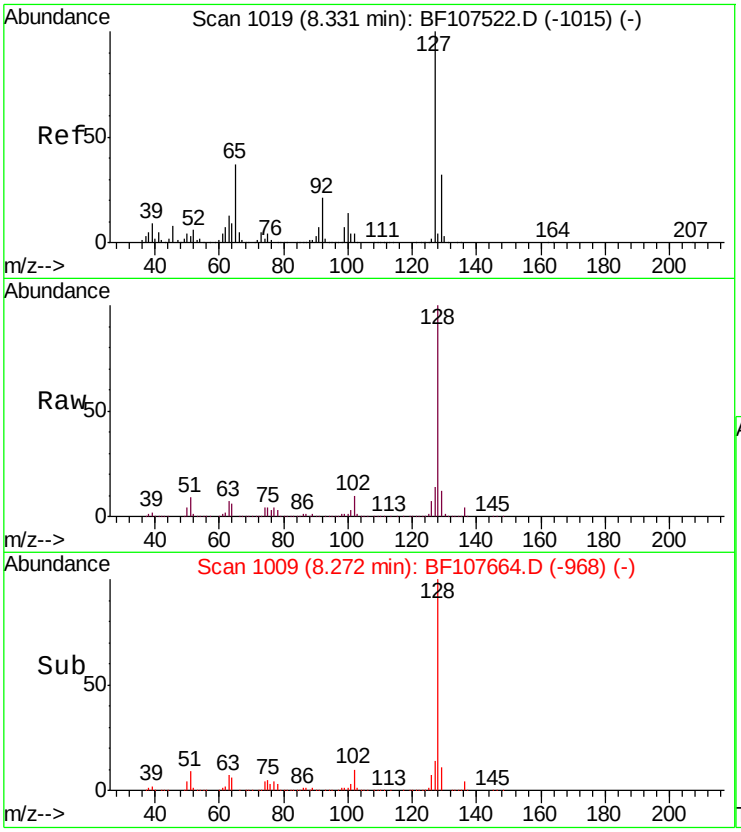


#32
Benzoic acid
Concen: 8.217 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.22 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:122 Resp: 2900

Ion	Ratio	Lower	Upper
122	100		
105	20.1	101.1	141.1#
77	1387.4	70.7	110.7#



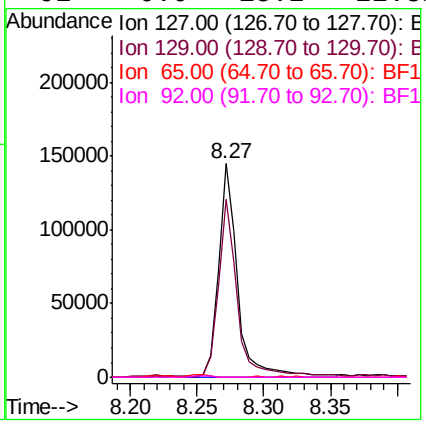


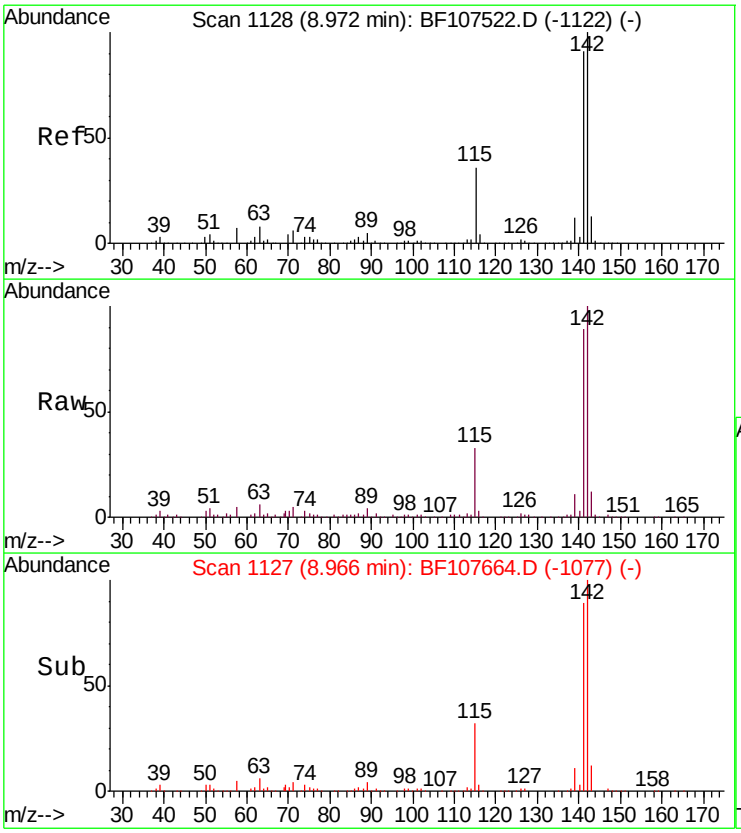
#33
4-Chloroaniline
Concen: 9.506 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:127 Resp: 147289

Ion	Ratio	Lower	Upper
127	100		
129	83.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

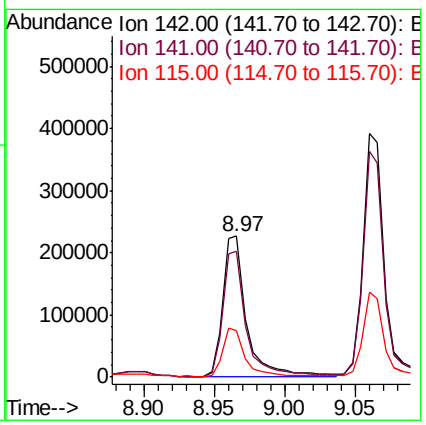


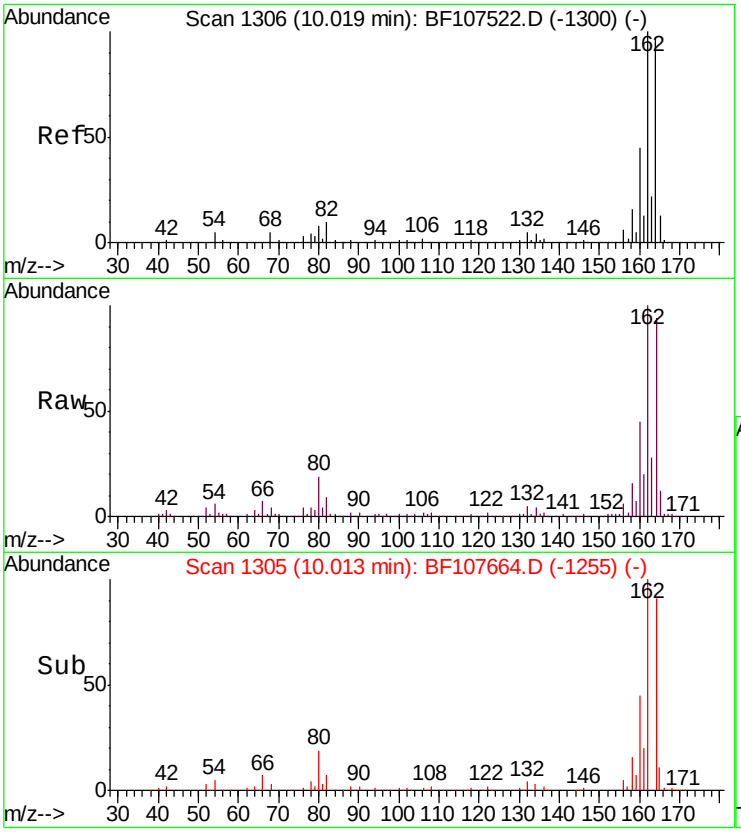


#37
2-Methylnaphthalene
Concen: 10.647 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:142 Resp: 261560

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	32.6	26.1	39.1



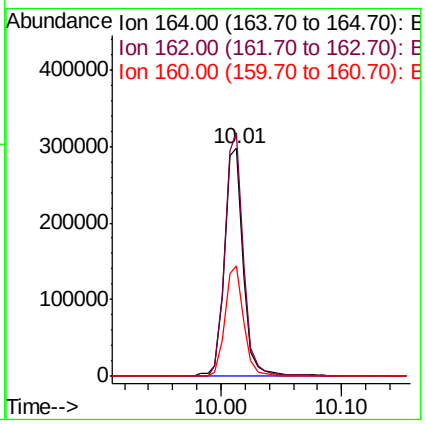


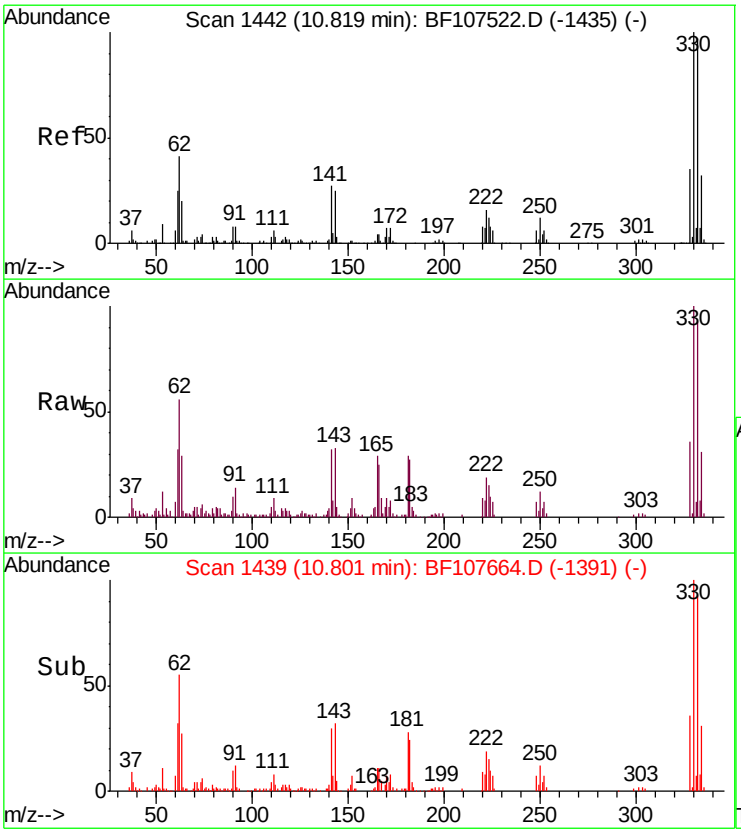
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:164 Resp: 322870

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	48.4	38.3	57.5

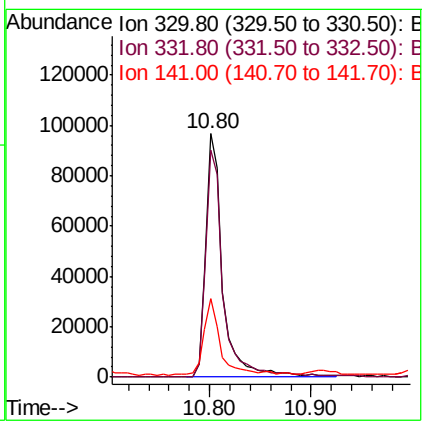


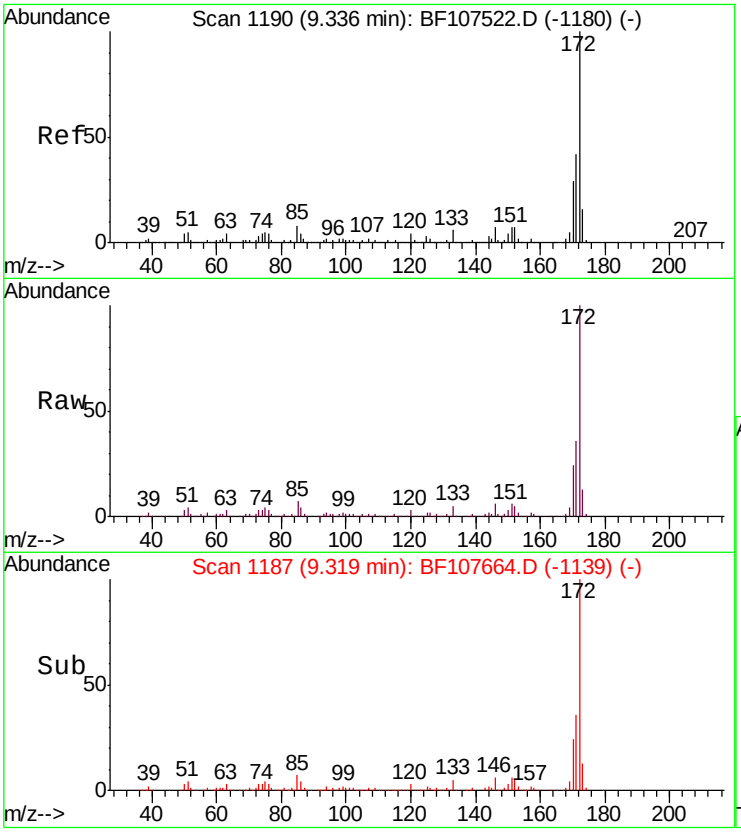


#41
2,4,6-Tribromophenol
Concen: 30.661 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:330 Resp: 112572

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.8	29.9	44.9#



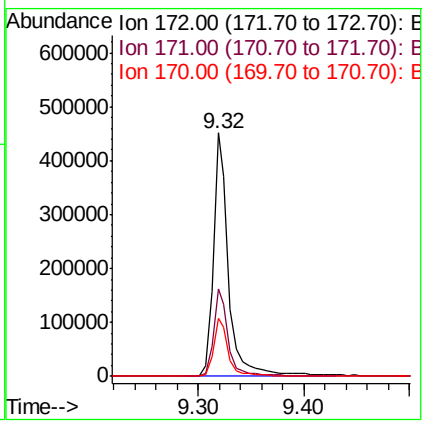


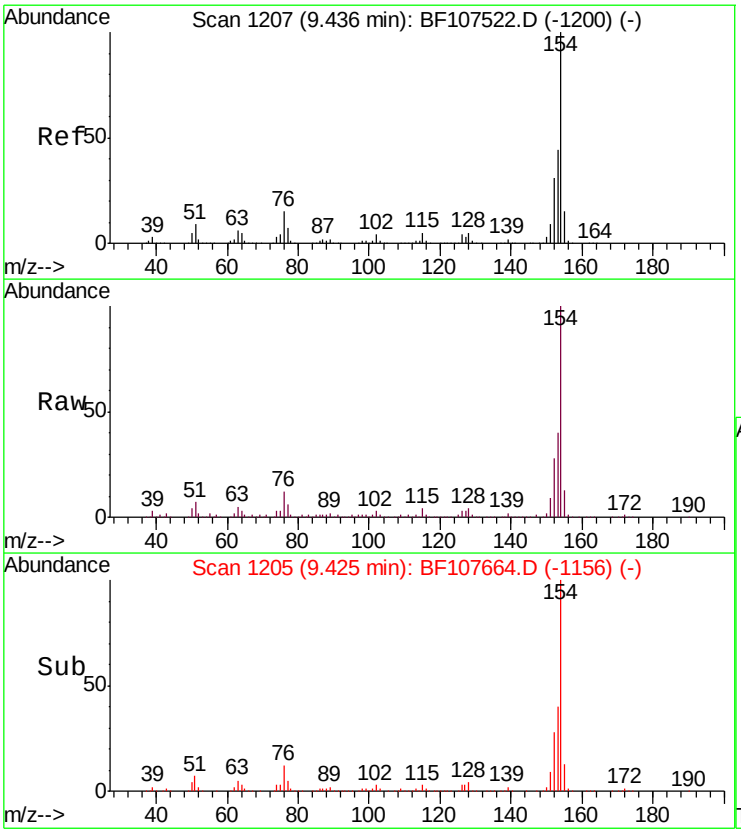
#44
2-Fluorobiphenyl
Concen: 17.323 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:172 Resp: 461491

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4

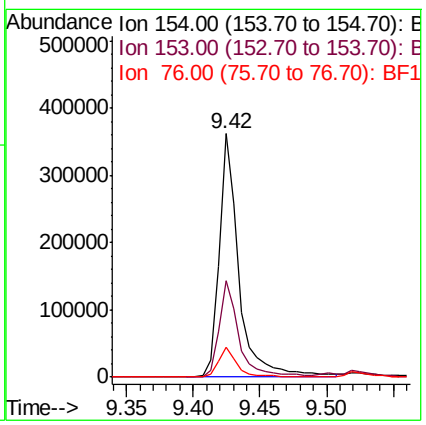


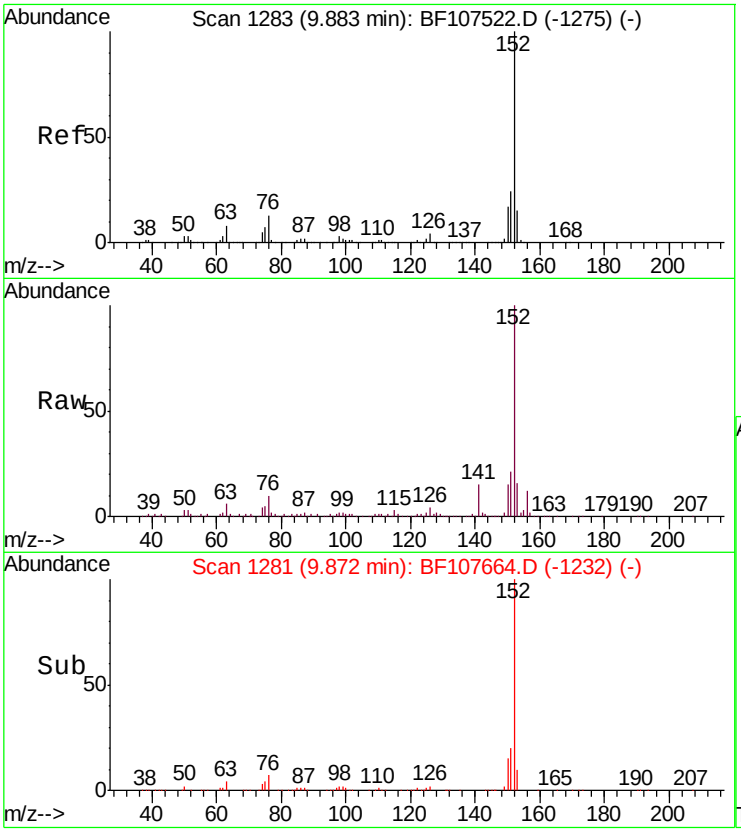


#45
1,1'-Biphenyl
Concen: 13.449 ng
RT: 9.42 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:154 Resp: 378274

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.3	61.3
76	12.3	0.0	34.0



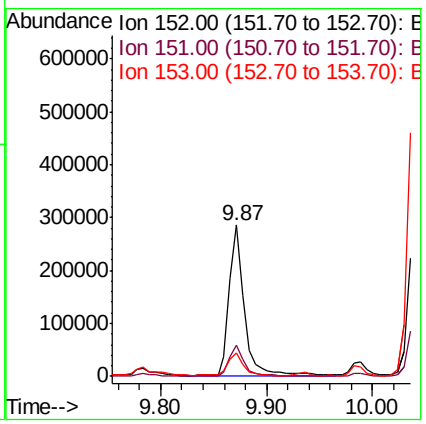


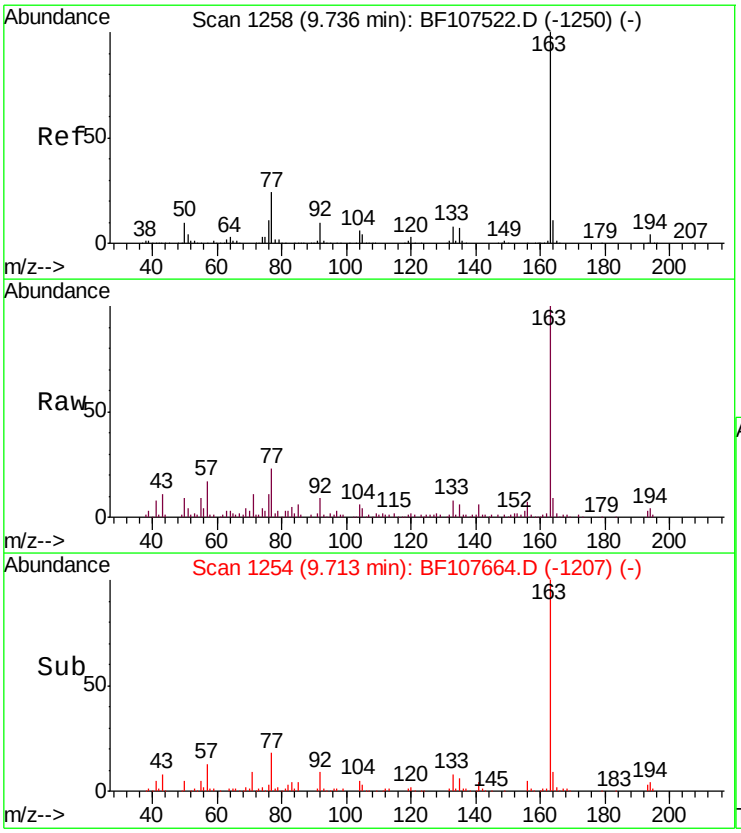
#48
Acenaphthylene
Concen: 8.731 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:152 Resp: 281962

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	15.6	10.7	16.1

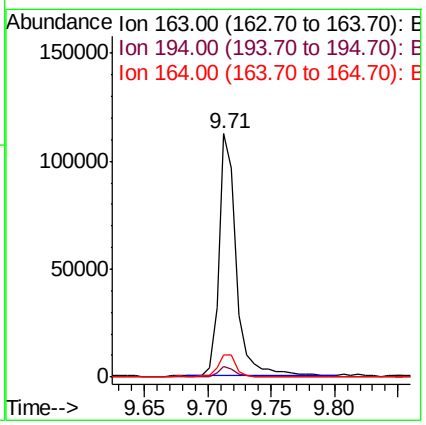


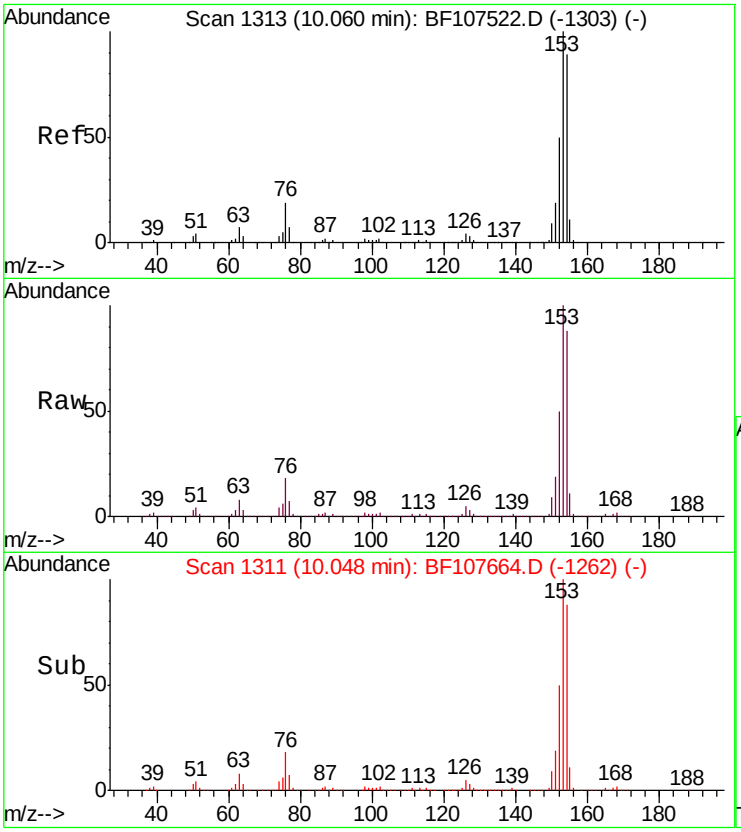


#49
Dimethylphthalate
Concen: 4.419 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:163 Resp: 107521

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.2	8.2	12.2



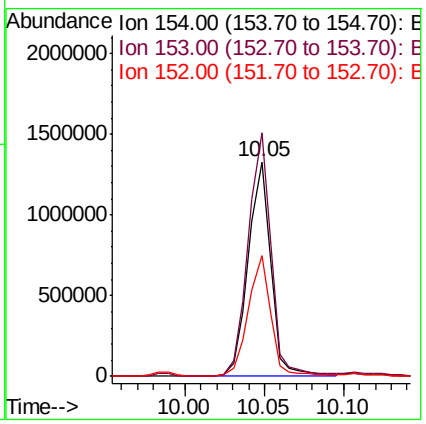


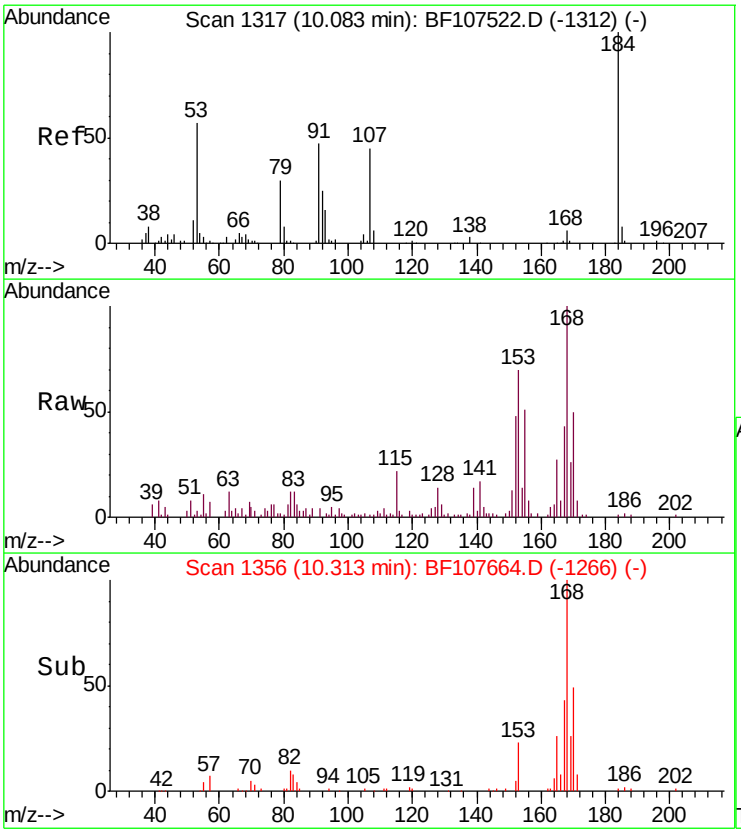
#51
Acenaphthene
Concen: 65.428 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:154 Resp: 1323907

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.2	136.8
152	56.3	43.8	65.8

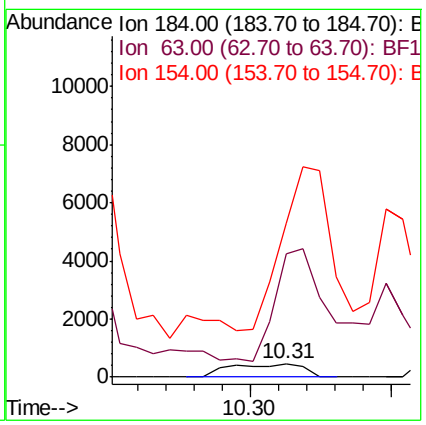


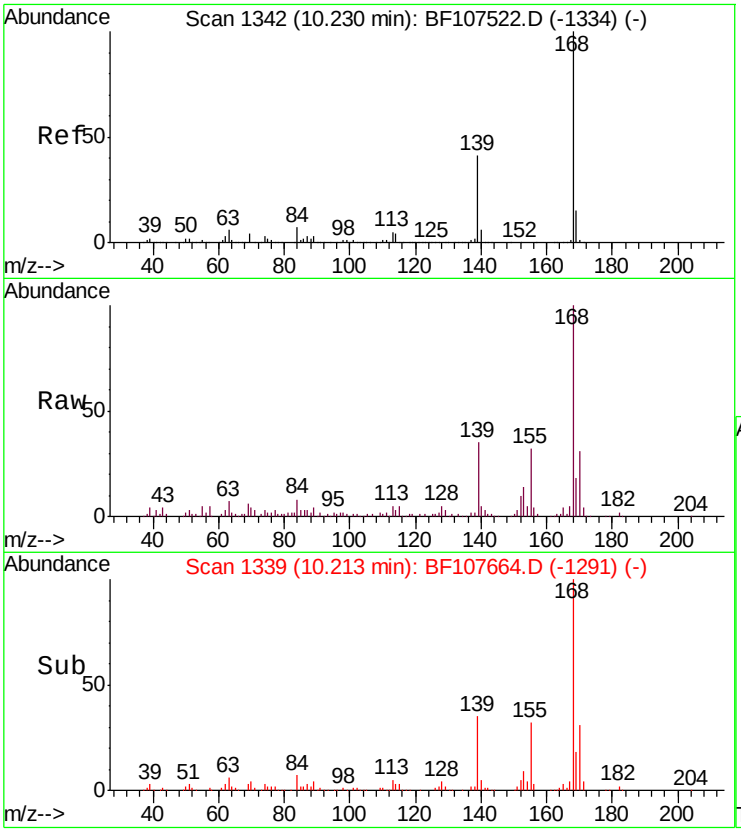


#53
2,4-Dinitrophenol
Concen: 8.772 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.23 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:184 Resp: 810

Ion	Ratio	Lower	Upper
184	100		
63	919.4	54.2	81.2#
154	1149.2	184.0	276.0#



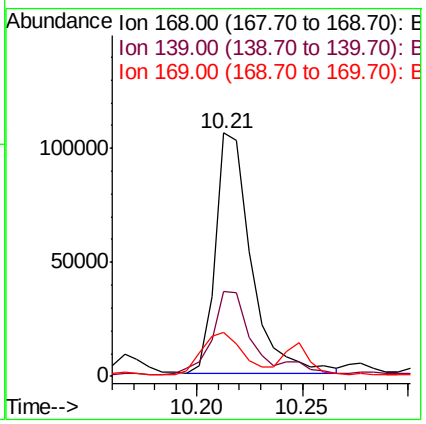


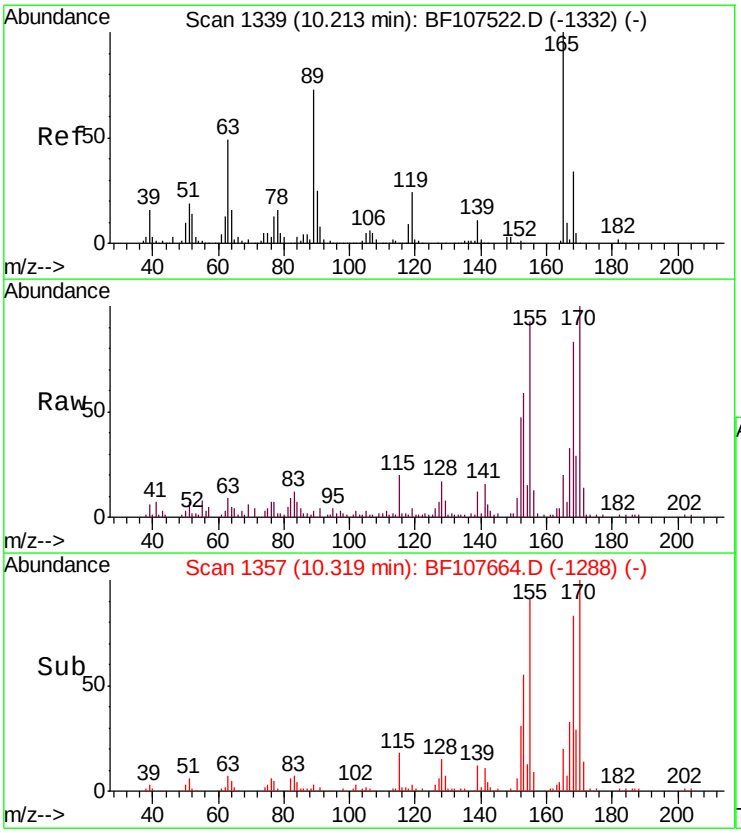
#54
Dibenzofuran
Concen: 4.138 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:168 Resp: 123280

Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	18.1	10.9	16.3#

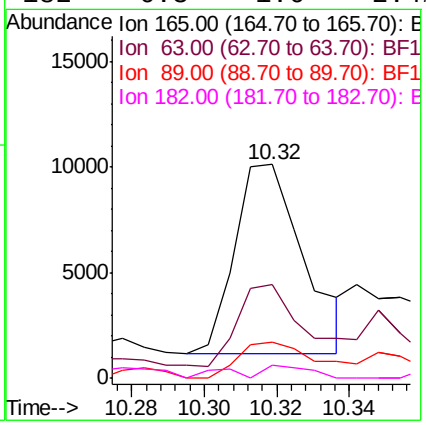


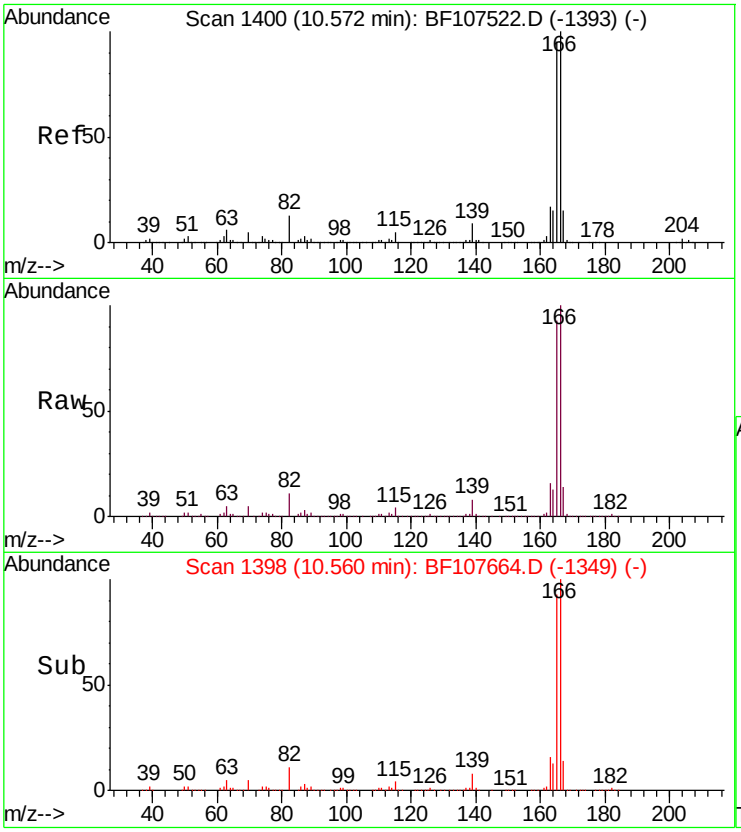


#56
2,4-Dinitrotoluene
Concen: 2.045 ng
RT: 10.32 min Scan# 1357
Delta R.T. 0.11 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:165 Resp: 11928

Ion	Ratio	Lower	Upper
165	100		
63	43.7	36.4	54.6
89	17.0	57.8	86.6#
182	6.3	1.6	2.4#



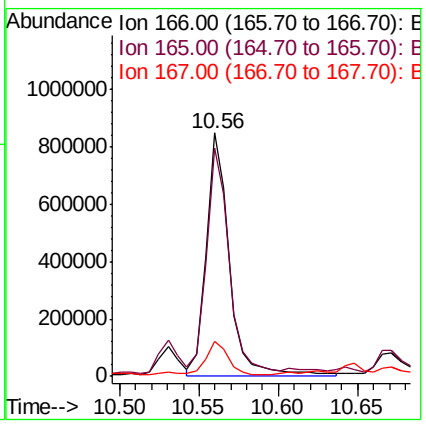


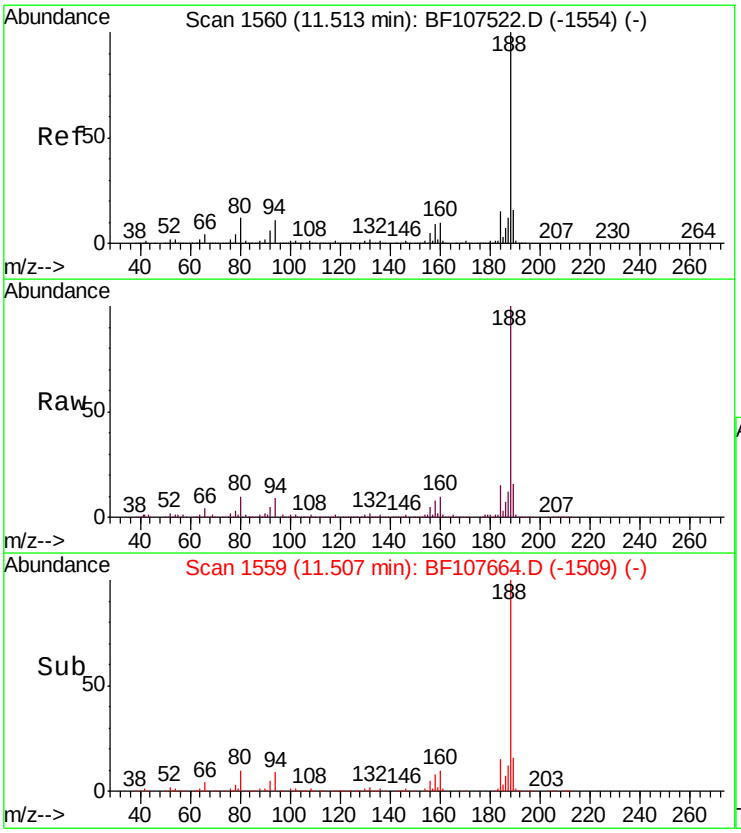
#57
Fluorene
Concen: 40.572 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:166 Resp: 862245

Ion	Ratio	Lower	Upper
166	100		
165	93.5	79.8	119.8
167	14.3	10.6	16.0

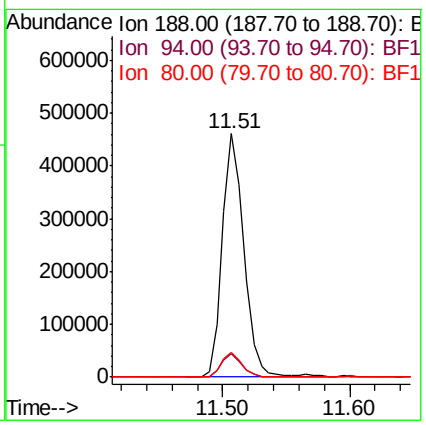


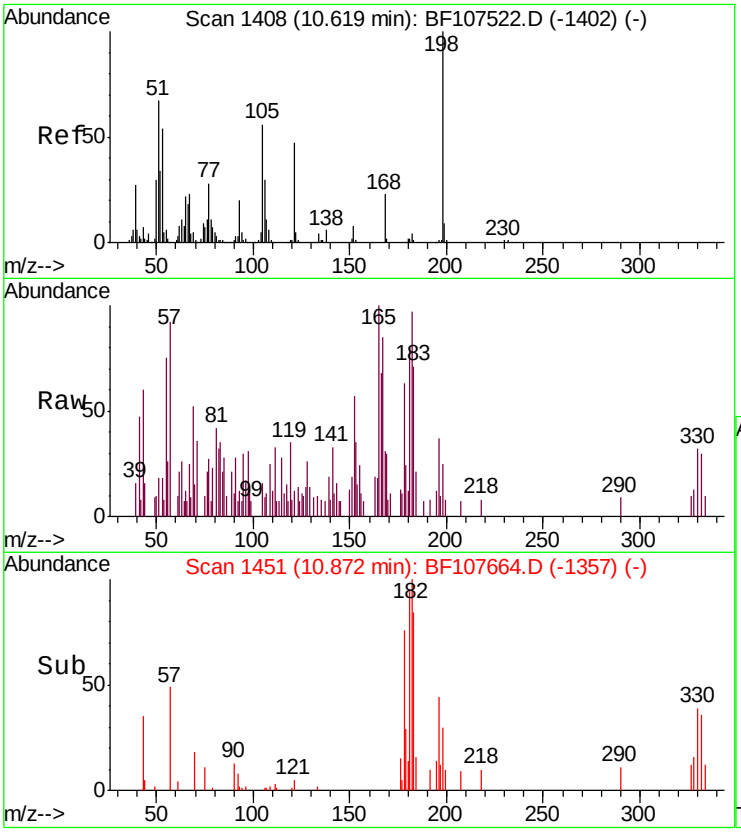


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:188 Resp: 547621

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.0	9.2	13.8



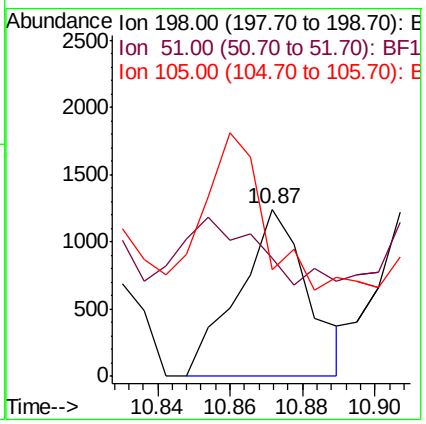


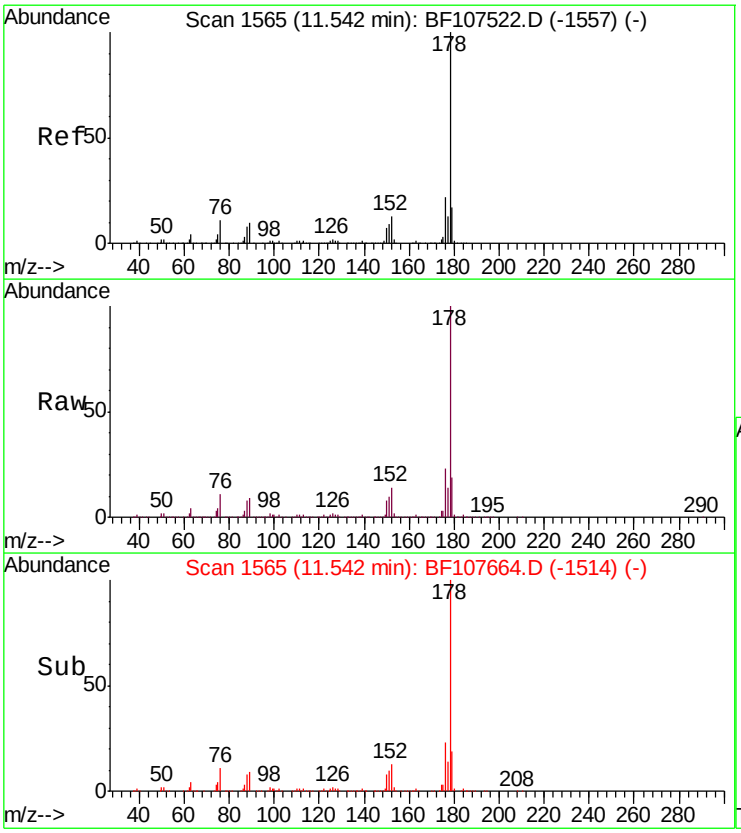
#64
4,6-Dinitro-2-methylphenol
Concen: 9.191 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.25 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:198 Resp: 1646

Ion	Ratio	Lower	Upper
198	100		
51	70.5	37.7	77.7
105	64.0	36.3	76.3

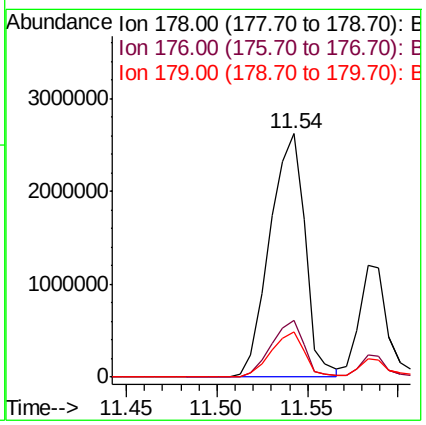


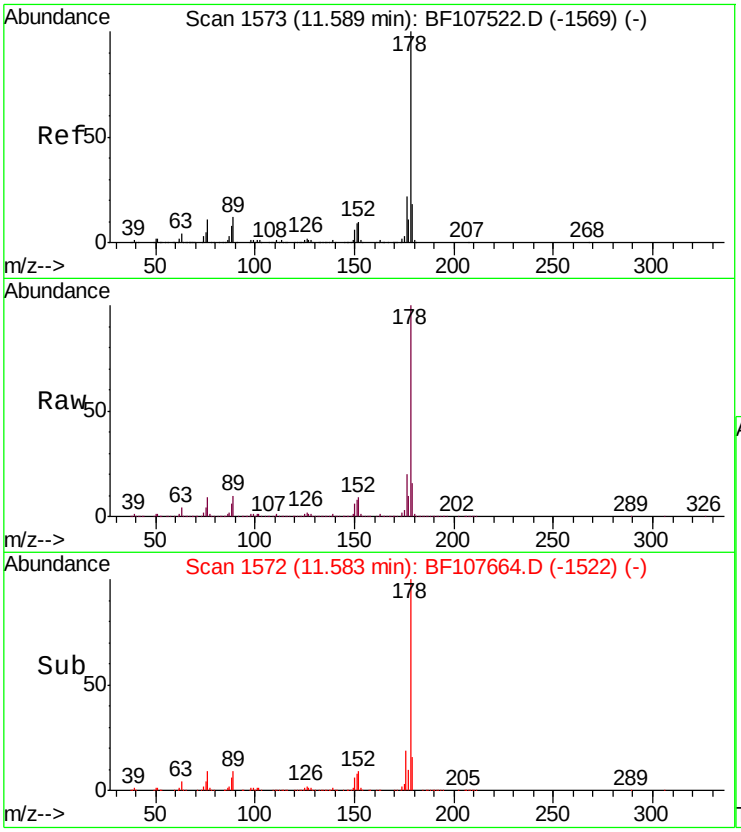


#70
Phenanthrene
Concen: 133.010 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:178 Resp: 3549459

Ion	Ratio	Lower	Upper
178	100		
176	23.5	15.8	23.8
179	18.8	13.0	19.6



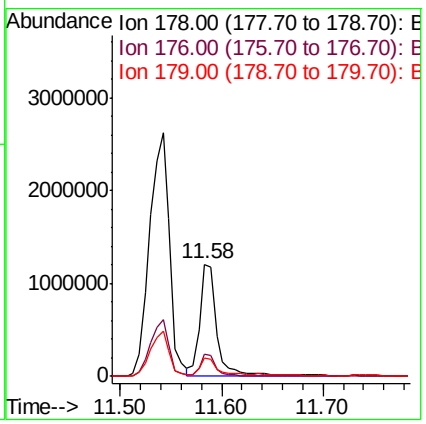


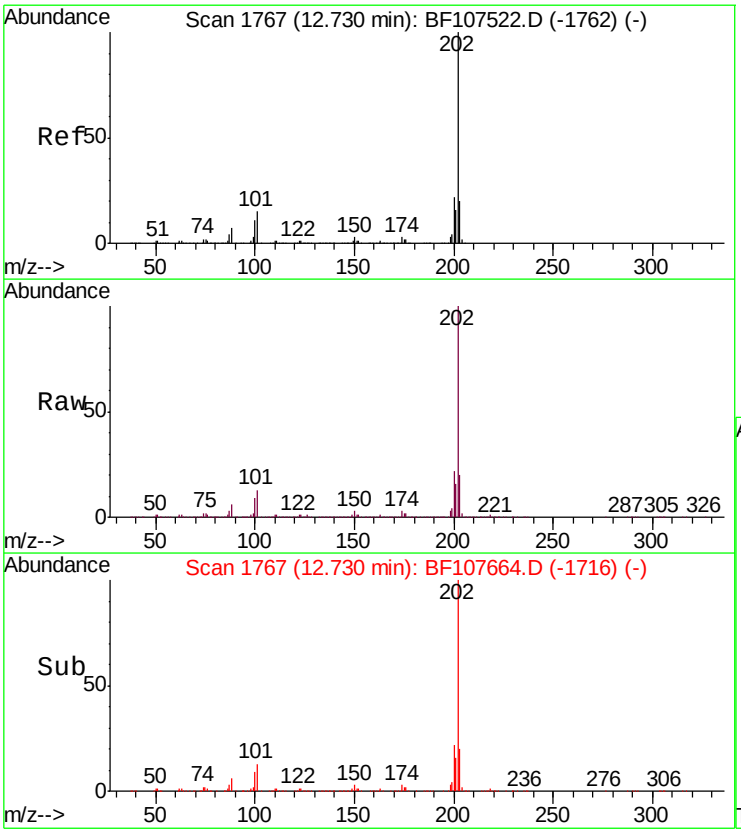
#71
Anthracene
Concen: 52.100 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:178 Resp: 1399861

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.3	12.6	19.0

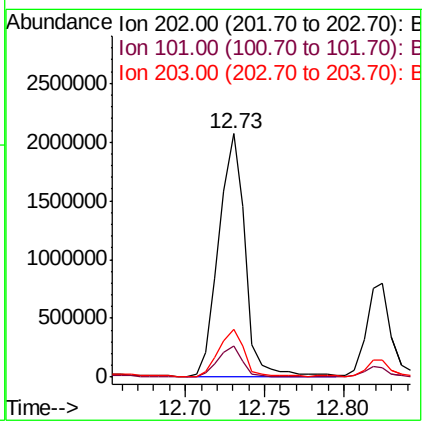


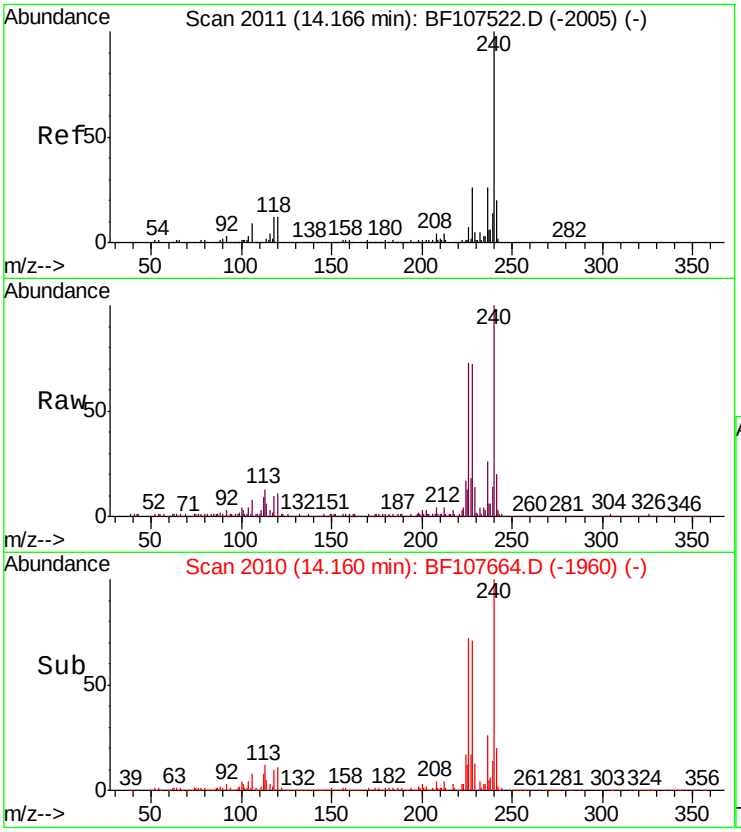


#74
Fluoranthene
Concen: 83.507 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:202 Resp: 2391304

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	19.7	0.0	38.1



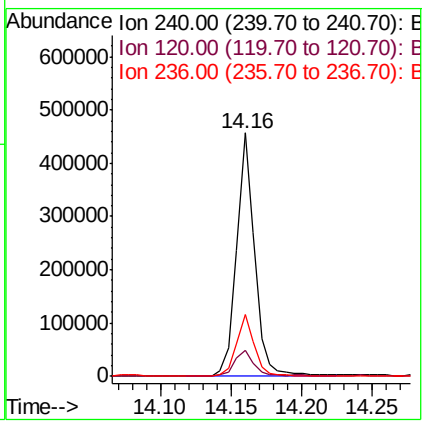


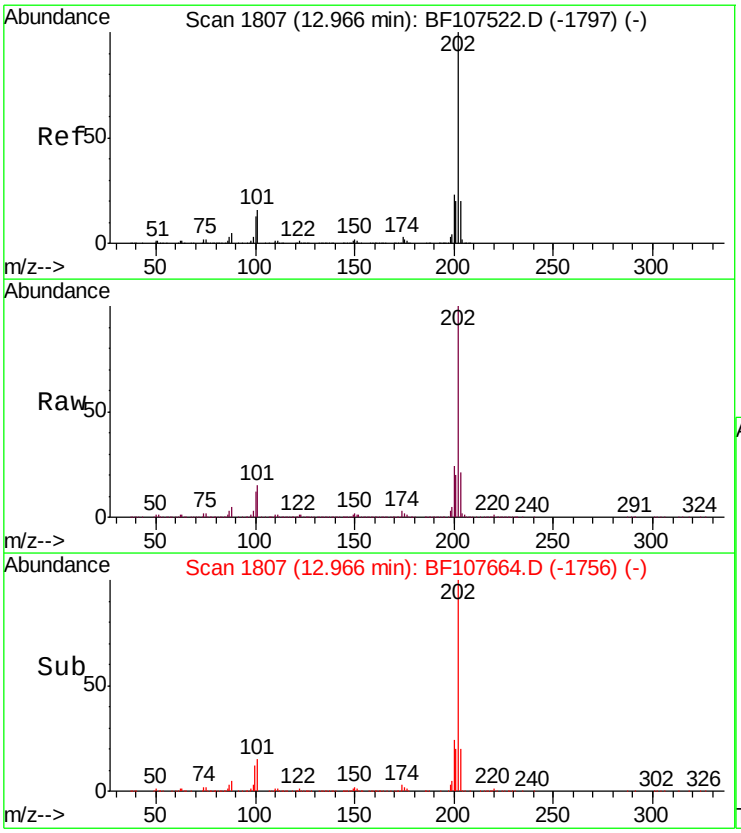
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:240 Resp: 404468

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.7	20.7	31.1

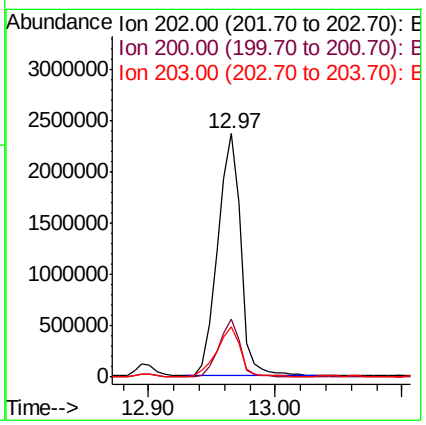


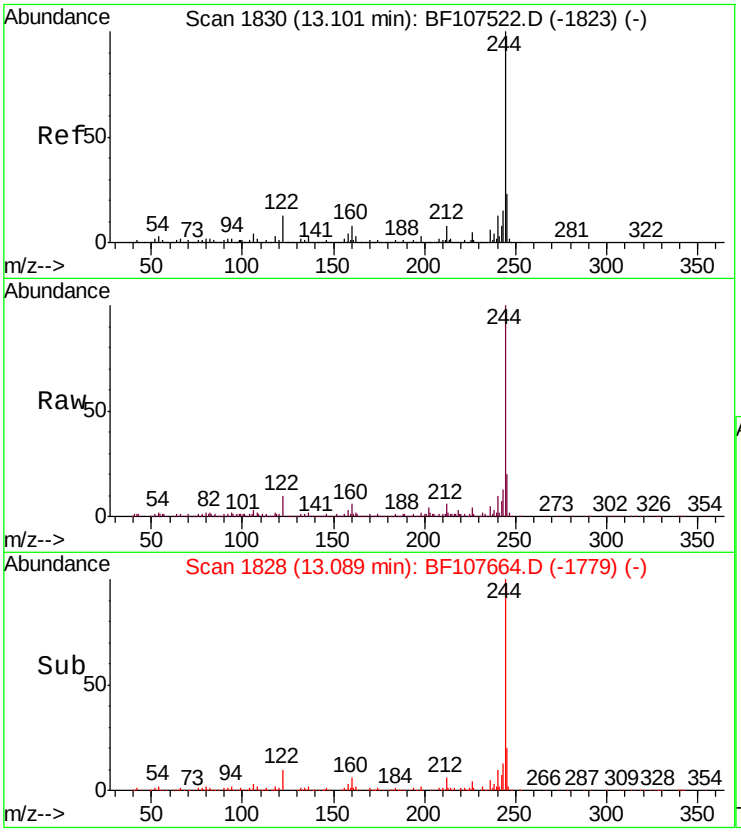


#77
Pyrene
Concen: 109.104 ng
RT: 12.97 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:202 Resp: 3018469

Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.4	26.2
203	20.6	14.3	21.5



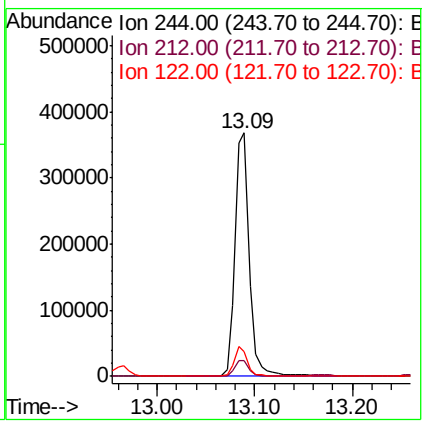


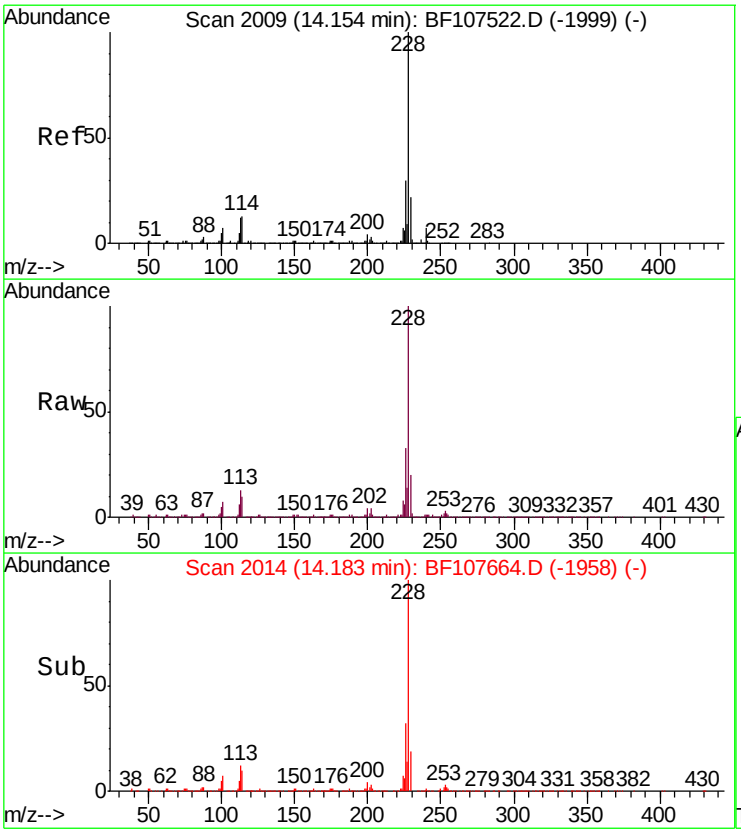
#78
Terphenyl-d14
Concen: 23.804 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:244 Resp: 376076

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.2	11.0	16.4#

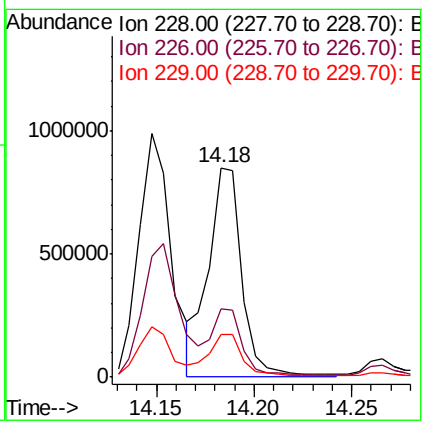


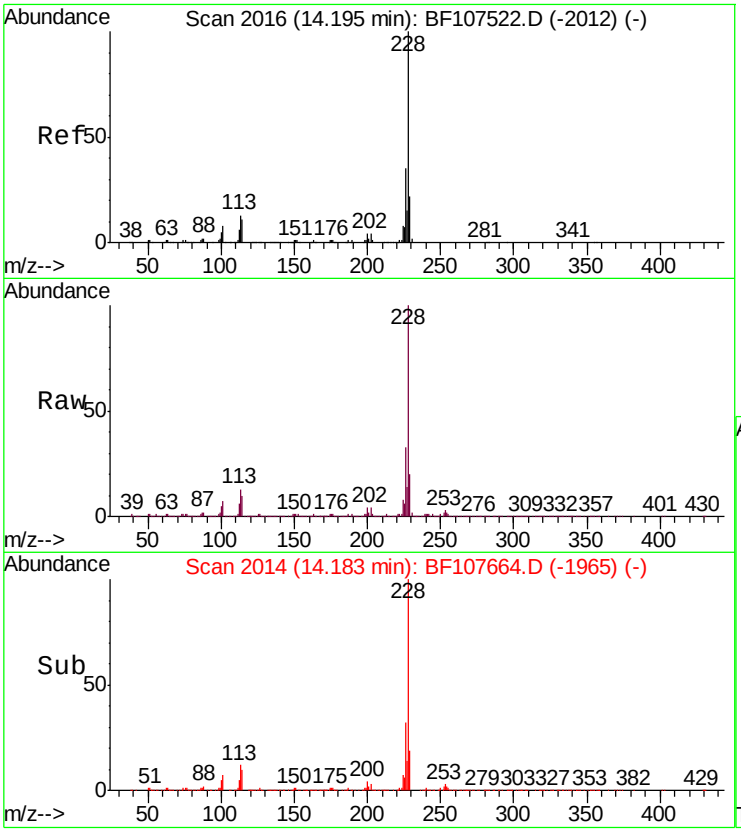


#80
Benzo(a)anthracene
Concen: 42.818 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:228 Resp: 1014891

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	20.3	15.8	23.6



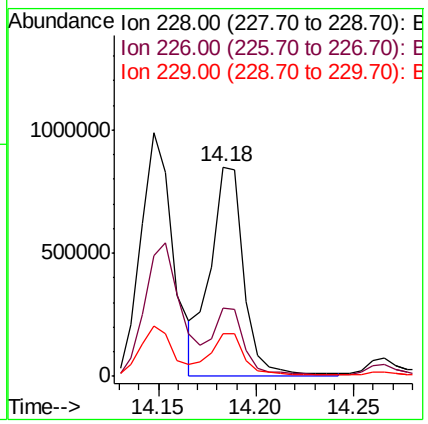


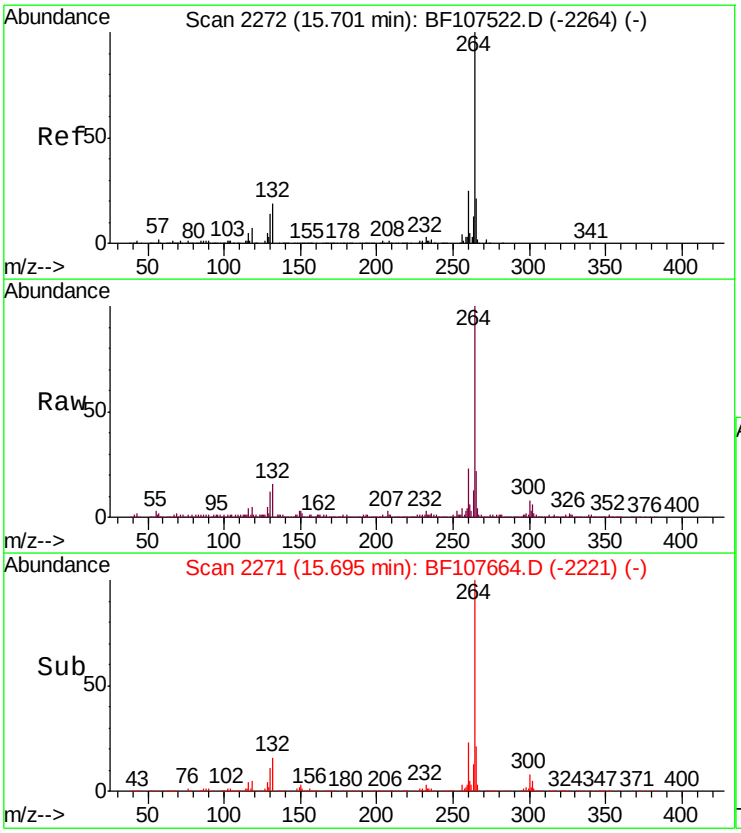
#82
Chrysene
Concen: 44.574 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:228 Resp: 1014891

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	20.3	16.2	24.4

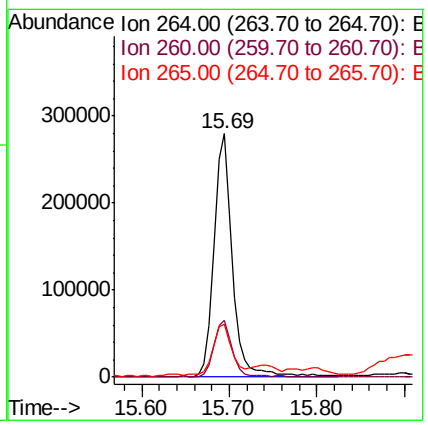


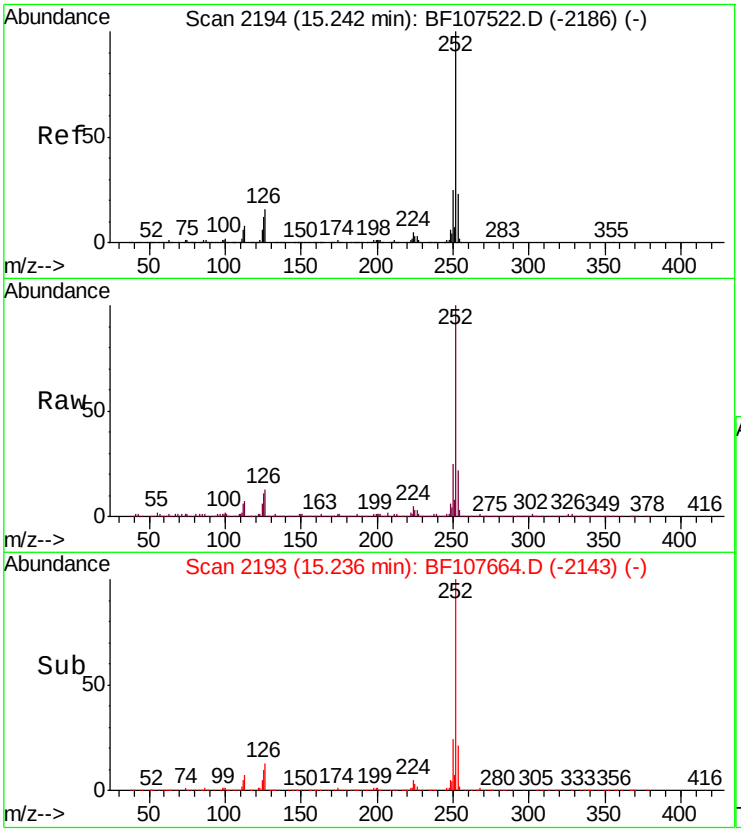


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:264 Resp: 405168

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3



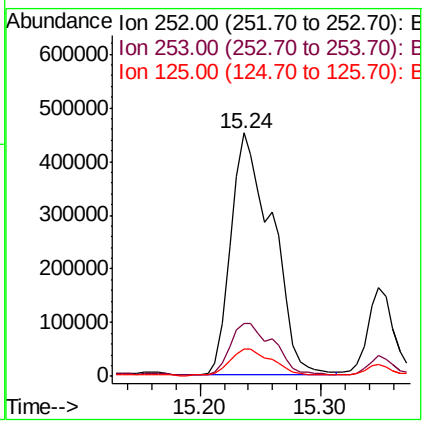


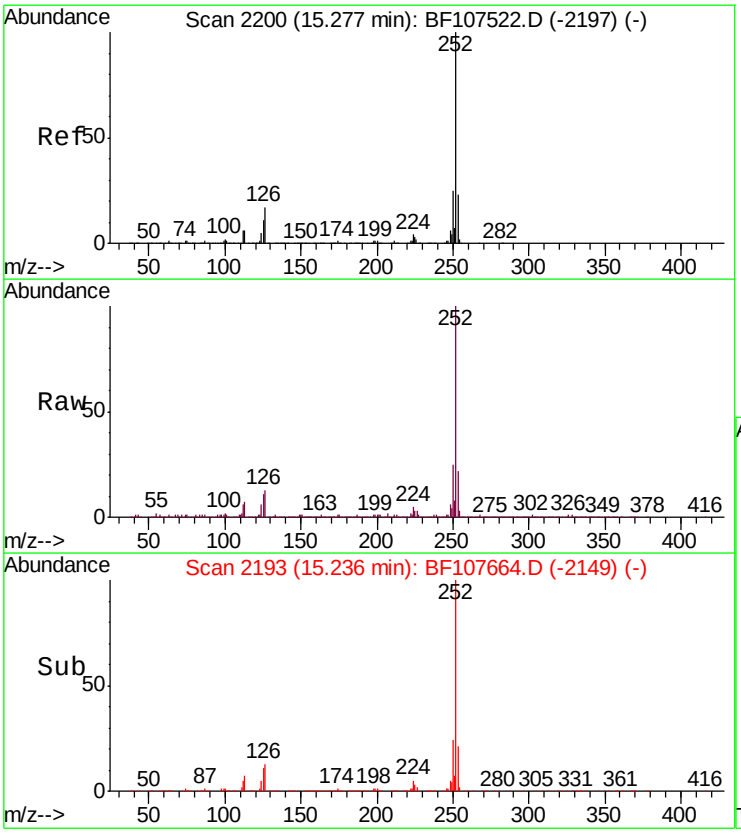
#87
Benzo(b)fluoranthene
Concen: 48.477 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:252 Resp: 1074938

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.1	9.0	13.6

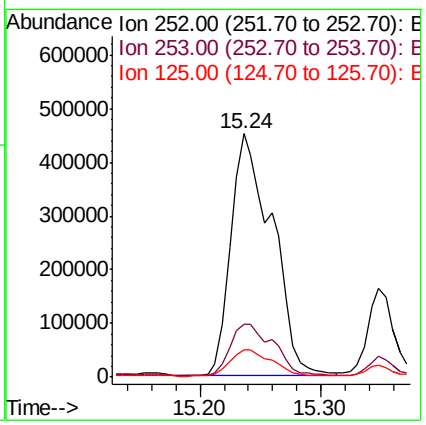


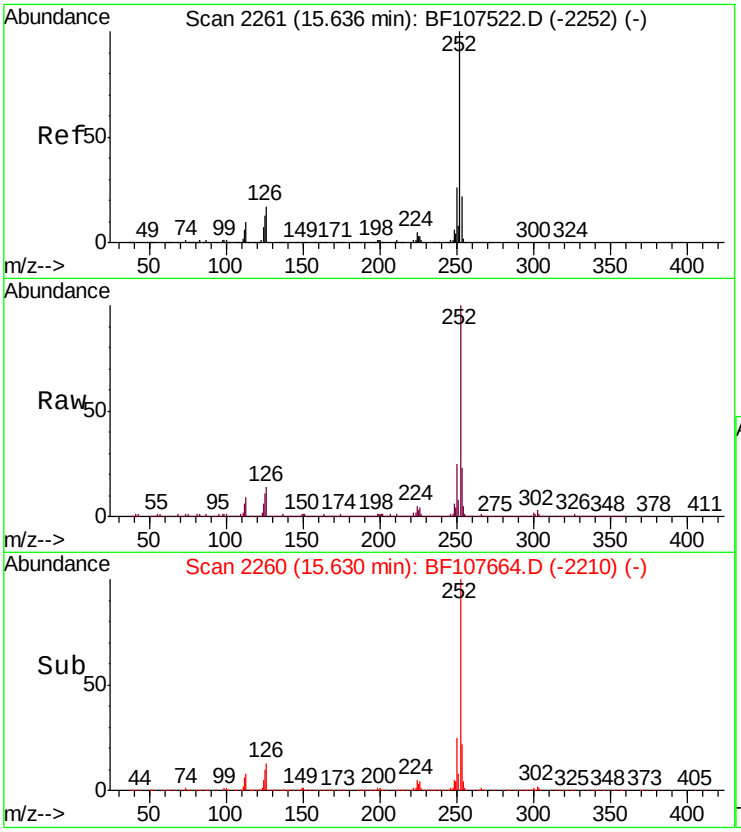


#88
Benzo(k)fluoranthene
Concen: 49.480 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.04 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:252 Resp: 1074938

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.1	10.2	15.2



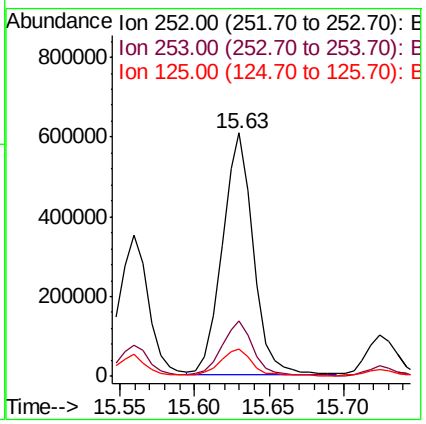


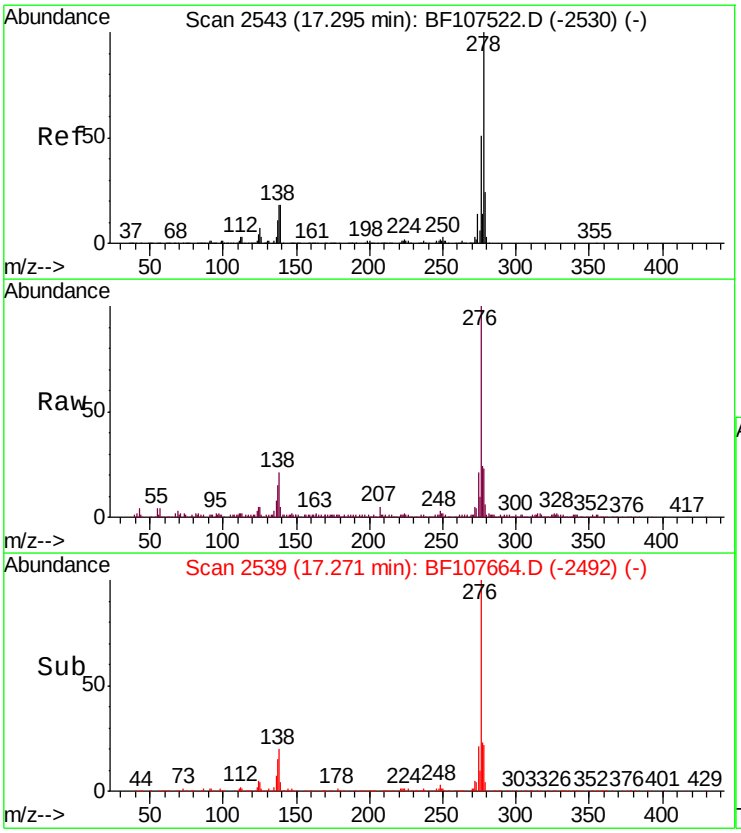
#89
Benzo(a)pyrene
Concen: 43.930 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:252 Resp: 891069

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	11.1	9.8	14.6

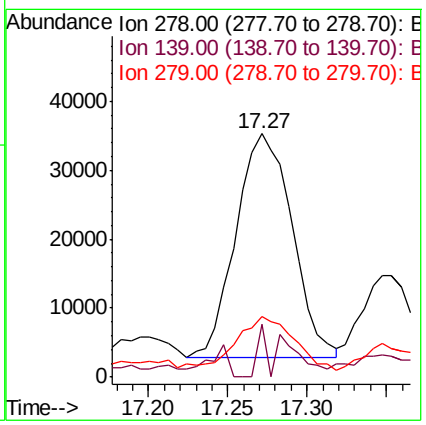


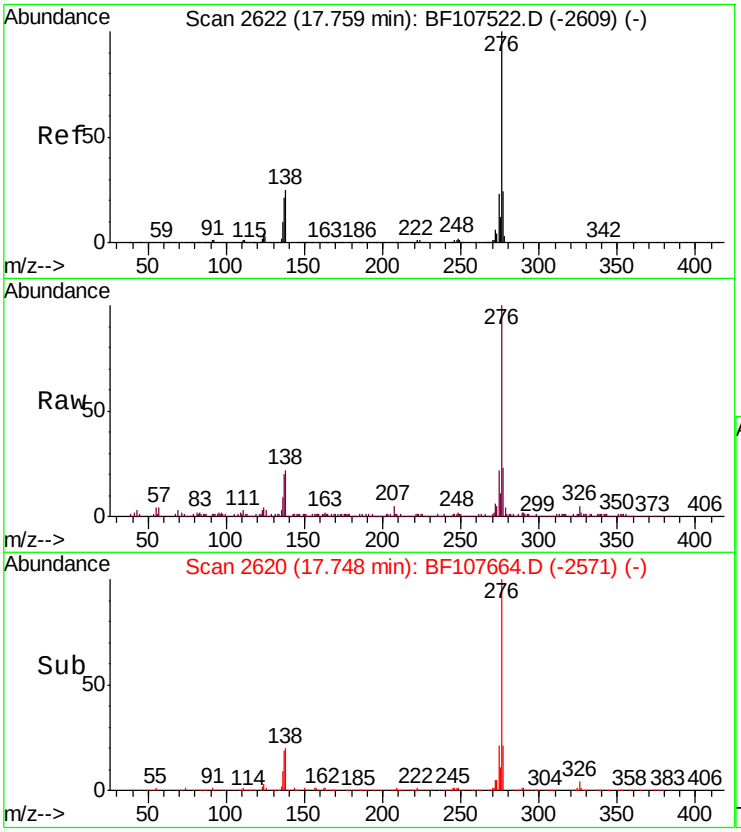


#90
Dibenzo(a,h)anthracene
Concen: 4.567 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:278 Resp: 80085

Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	24.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 21.992 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-8

Tgt Ion:276 Resp: 380359

Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	22.3	21.8	32.8