Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107863.D
Acq On : 31 Jul 2018 21:27
Operator : JU/SJ
Sample : J4231-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-9

Quant Time: Aug 01 00:59:30 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	162526	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	707694	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	305909	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	543282	20.00	ng		0.00
75) Chrysene-d12	14.15	240	420011	20.00	ng		0.00
86) Perylene-d12	15.68	264	463159	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	855346	89.44	ng		0.00
7) Phenol-d6	6.60	99	1128017	89.50	ng		0.00
23) Nitrobenzene-d5	7.52	82	703013	57.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	298254	71.75	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1369364	62.38	ng		0.00
78) Terphenyl-d14	13.08	244	1072268	55.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	421	5.876	ng	#	1
9) Benzaldehyde	6.74	77	18646	2.452	ng		84
19) n-Nitroso-di-n-propylamine	7.52	70	80189	10.030	ng	#	80
25) Isophorone	7.52	82	719778	35.696	ng	#	64
31) Naphthalene	8.27	128	174631	5.308	ng		98
49) Dimethylphthalate	9.71	163	92963	4.046	ng		99
50) 2,6-Dinitrotoluene	10.00	165	43618	8.736	ng	#	26
51) Acenaphthene	10.03	154	264509	13.991	ng		97
55) 4-Nitrophenol	10.11	139	1186	9.666	ng	#	34
57) Fluorene	10.55	166	139529	6.144	ng		96
66) 4-Bromophenyl-phenylether	10.79	248	17315	2.734	ng	#	1
70) Phenanthrene	11.52	178	801216	31.059	ng		99
71) Anthracene	11.58	178	317372	10.666	ng		99
74) Fluoranthene	12.72	202	607020	20.030	ng		96
77) Pyrene	12.95	202	723121	23.909	ng		98
80) Benzo(a)anthracene	14.18	228	228529	9.605	ng		94
82) Chrysene	14.18	228	228529	8.905	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	108922	6.542	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	93862	4.809	ng	#	87
87) Benzo(b)fluoranthene	15.23	252	328660	14.388	ng		99
88) Benzo(k)fluoranthene	15.23	252	328660	11.719	ng		97
89) Benzo(a)pyrene	15.62	252	251217	10.653	ng		98
91) Benzo(g,h,i)perylene	17.75	276	94527	4.749	ng		96

(#) = 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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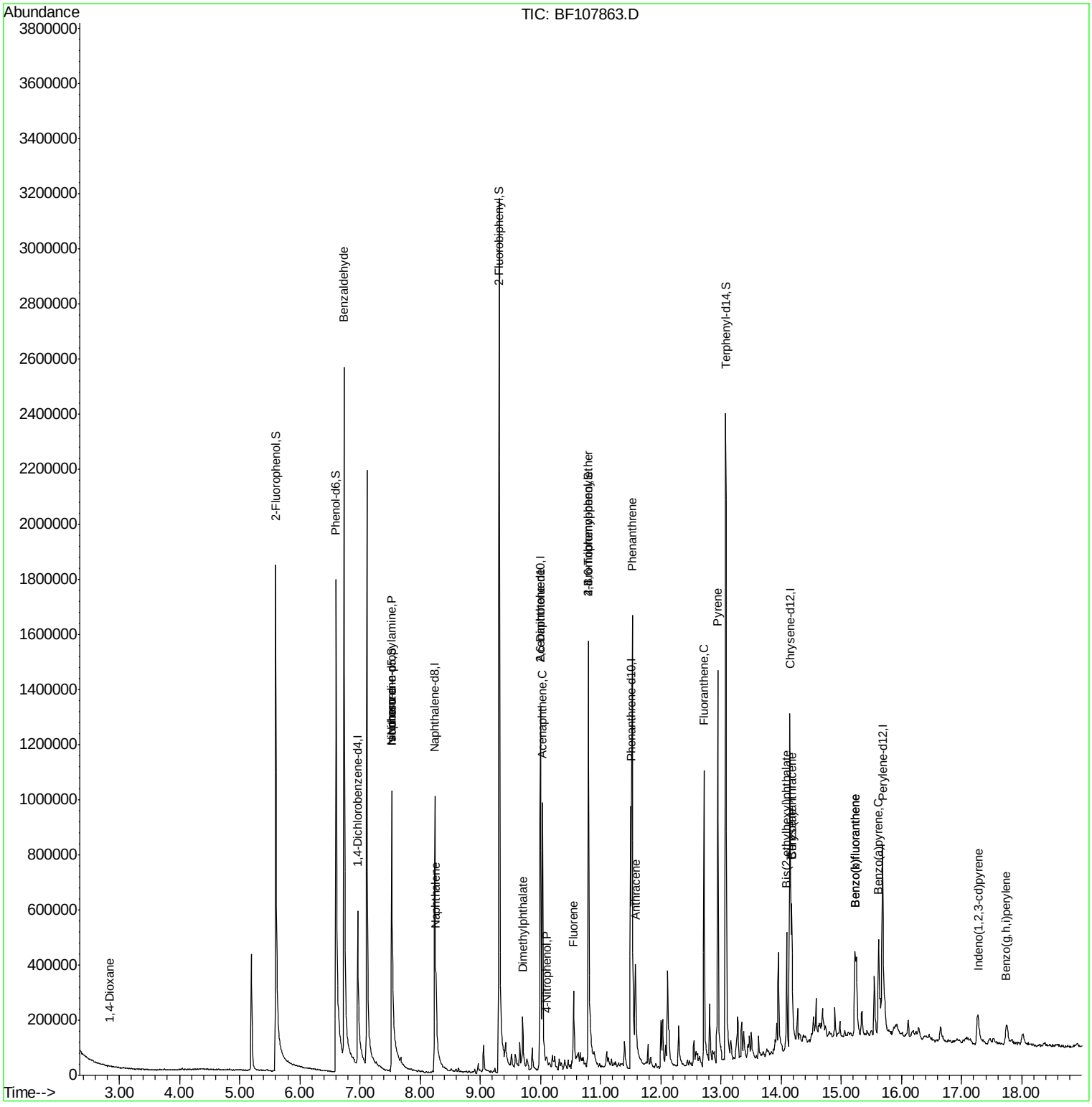
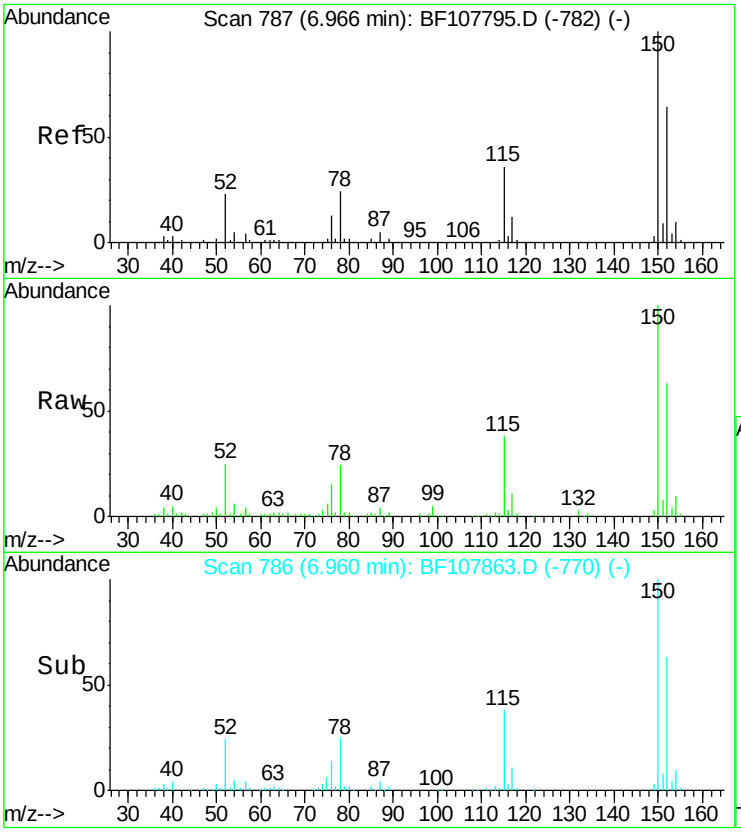
Operator : JU/SJ
Sample : J4231-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Quant Time: Aug 01 00:59:30 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



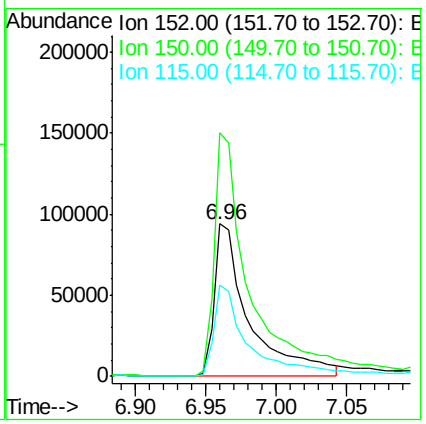


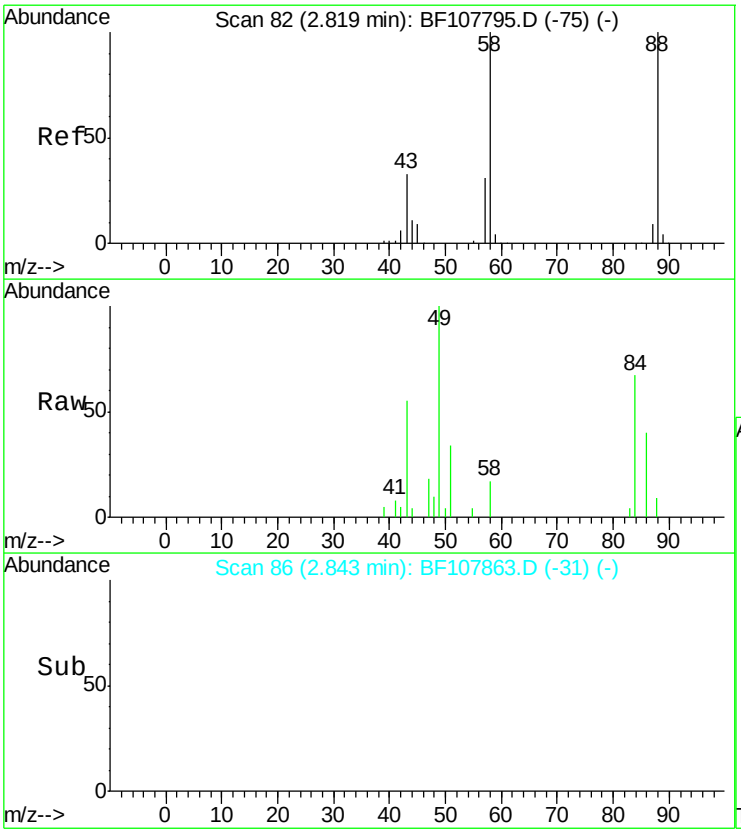
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:152 Resp: 162526

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	60.1	50.1	75.1

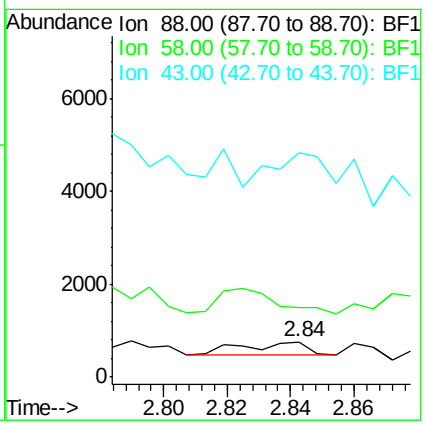


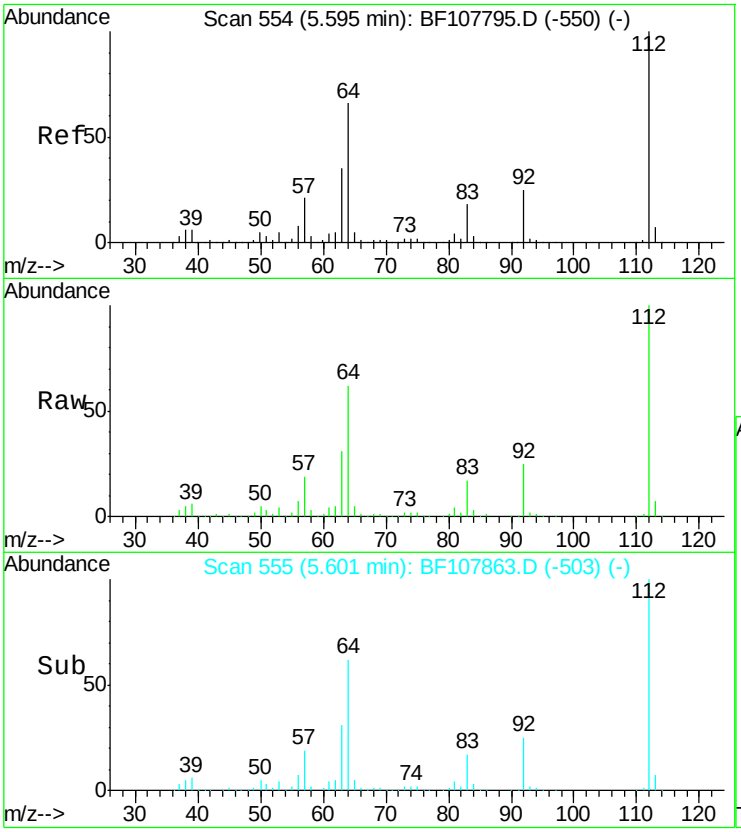


#2
1,4-Dioxane
Concen: 5.876 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.02 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion: 88 Resp: 421

Ion	Ratio	Lower	Upper
88	100		
58	166.3	62.6	93.8#
43	313.3	24.6	37.0#



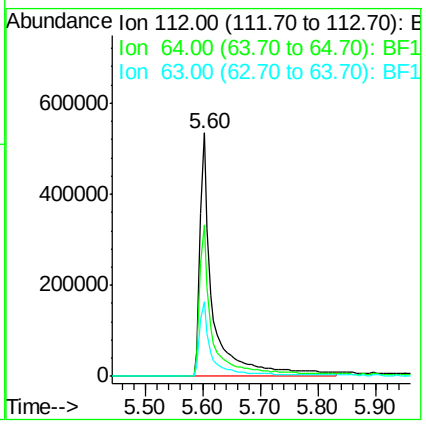


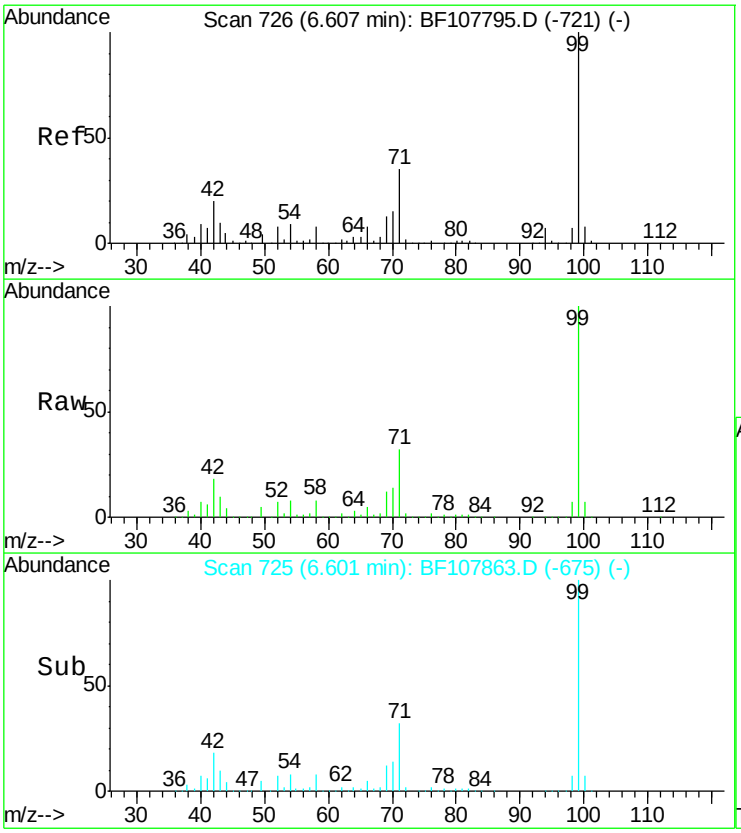
#5
2-Fluorophenol
Concen: 89.444 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:112 Resp: 855346

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	30.9	23.7	35.5

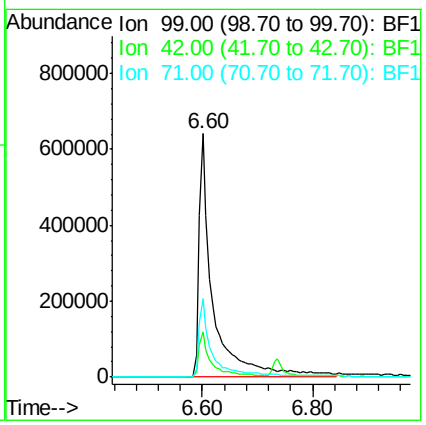


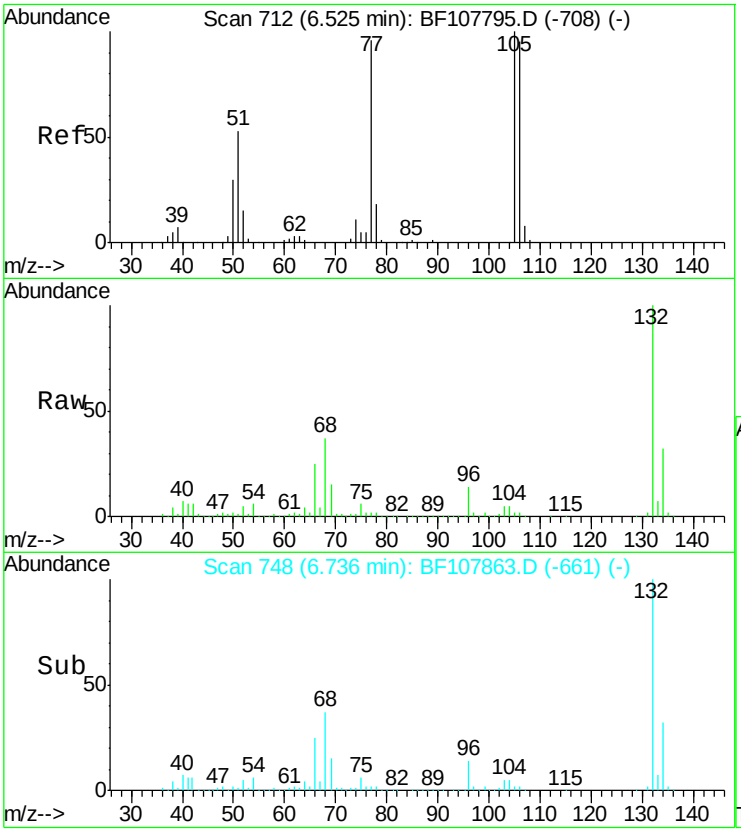


#7
Phenol-d6
Concen: 89.501 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion: 99 Resp: 1128017

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.4	25.4	38.0



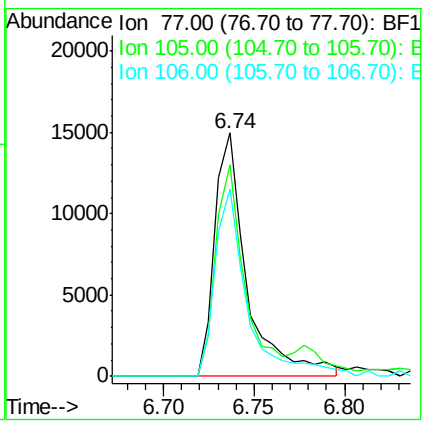


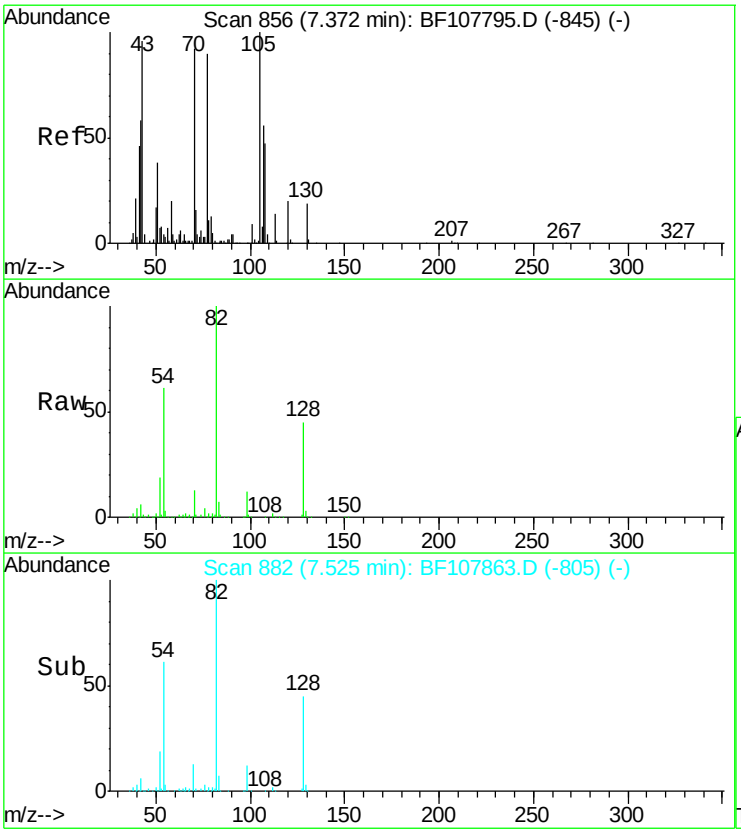
#9
Benzaldehyde
Concen: 2.452 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion: 77 Resp: 18646

Ion	Ratio	Lower	Upper
77	100		
105	86.8	81.1	121.1
106	77.2	74.5	114.5

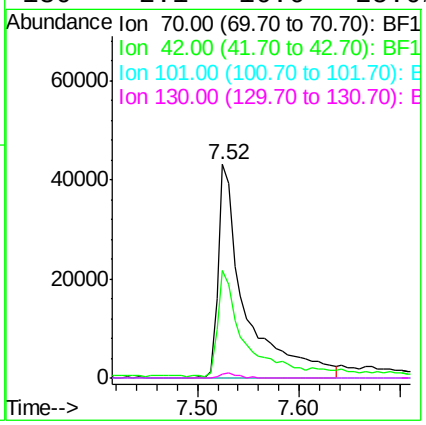


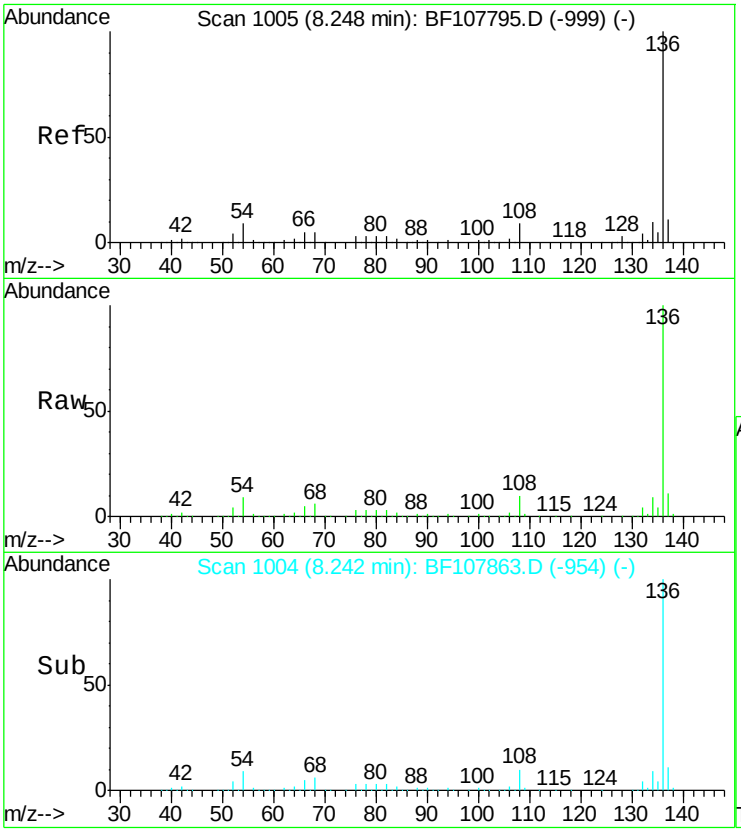


#19
n-Nitroso-di-n-propylamine
Concen: 10.030 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion: 70 Resp: 80189

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



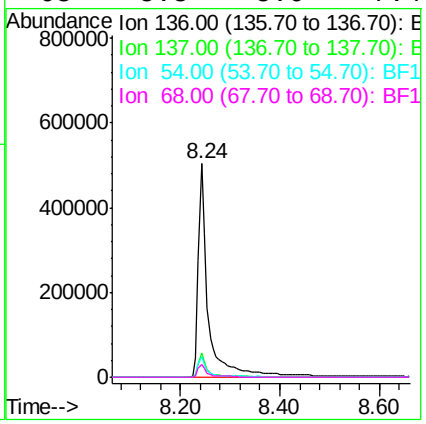


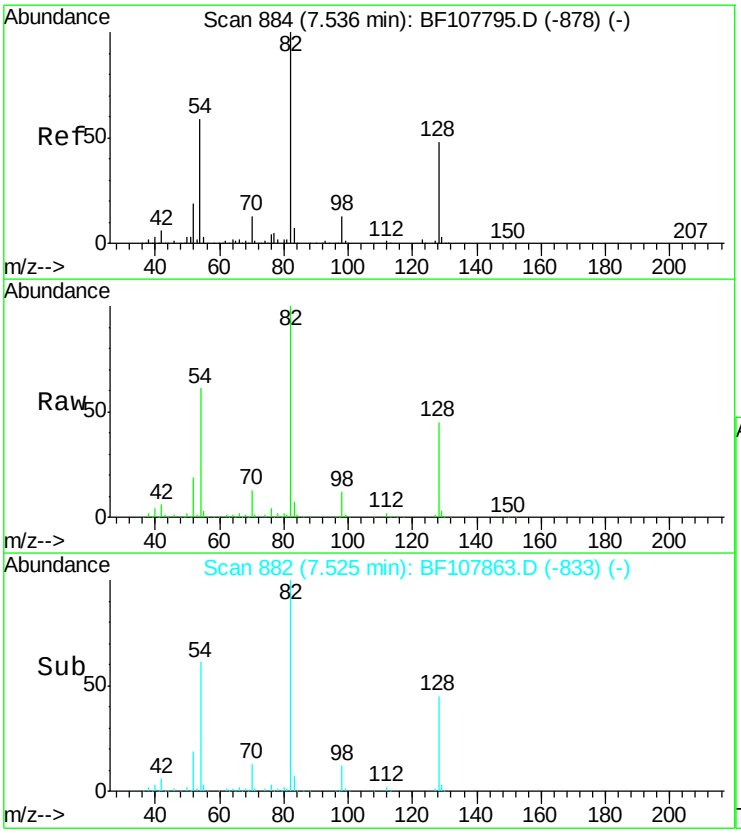
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:136 Resp: 707694

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	5.8	5.0	7.4

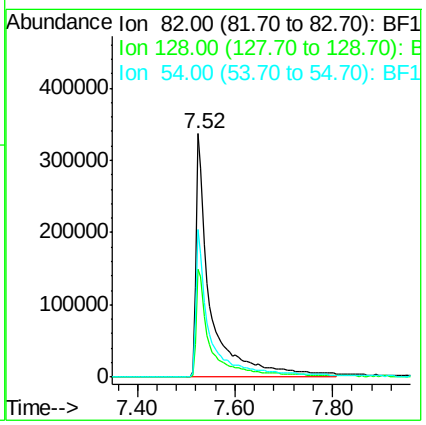


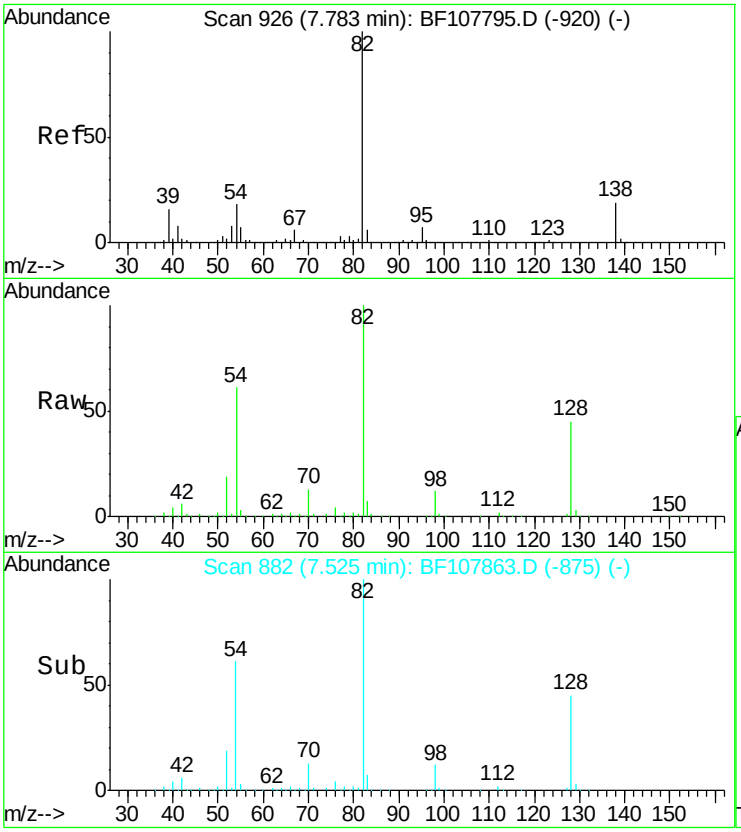


#23
Nitrobenzene-d5
Concen: 57.229 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion: 82 Resp: 703013

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	60.8	41.4	62.2



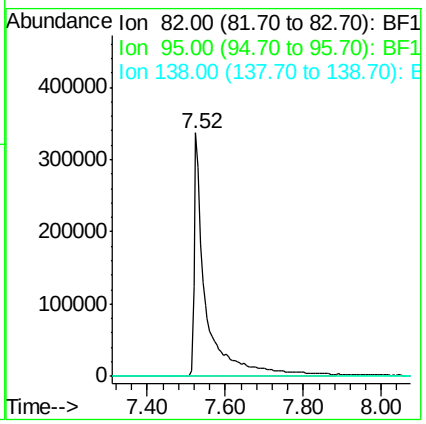


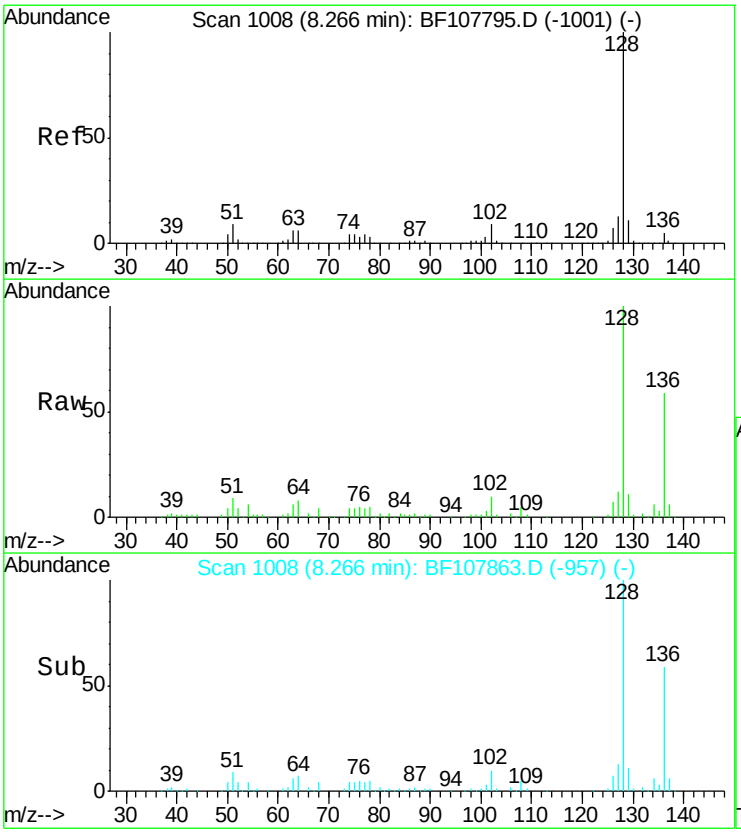
#25
Isophorone
Concen: 35.696 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion: 82 Resp: 719778

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

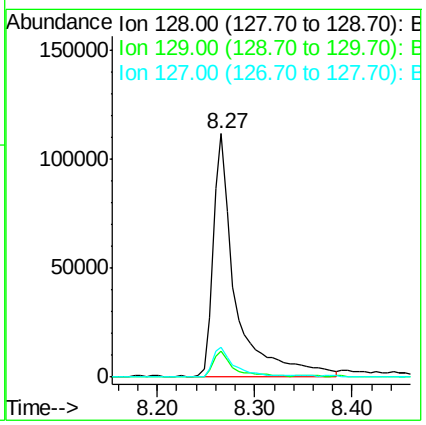


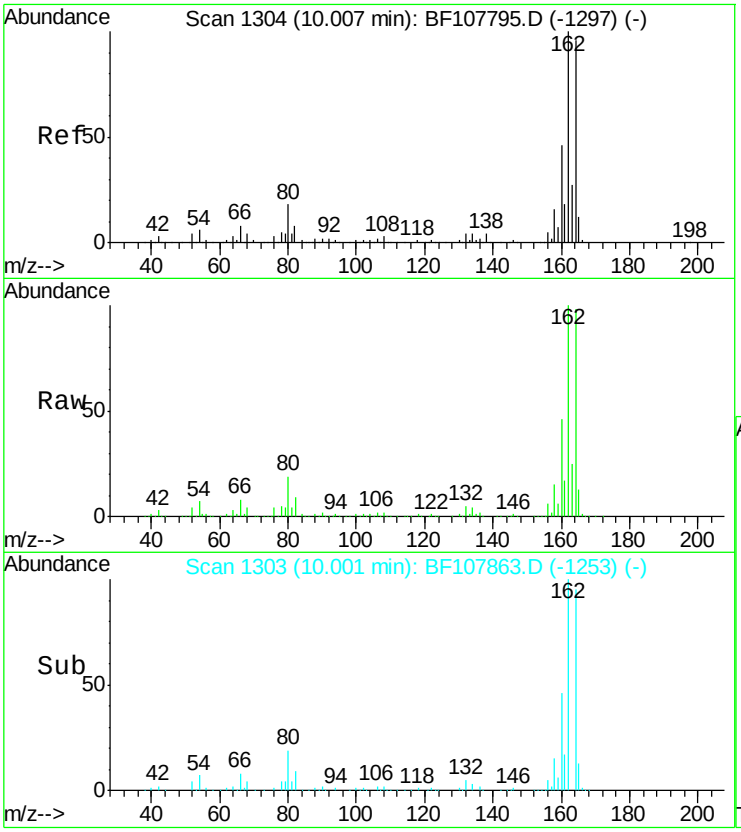


#31
Naphthalene
Concen: 5.308 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:128 Resp: 174631

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.4	10.9	16.3



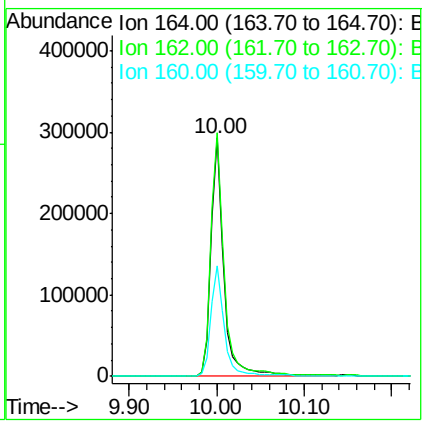


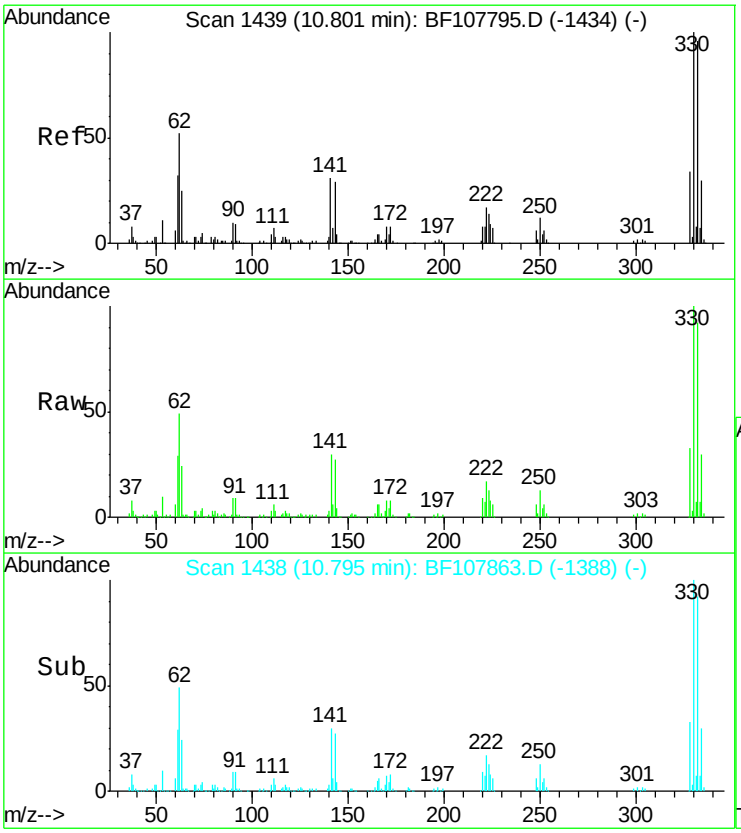
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:164 Resp: 305909

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.6	38.3	57.5

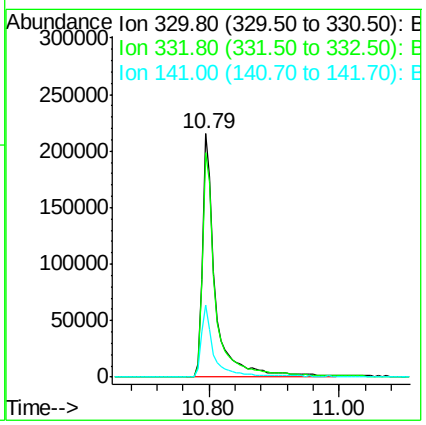


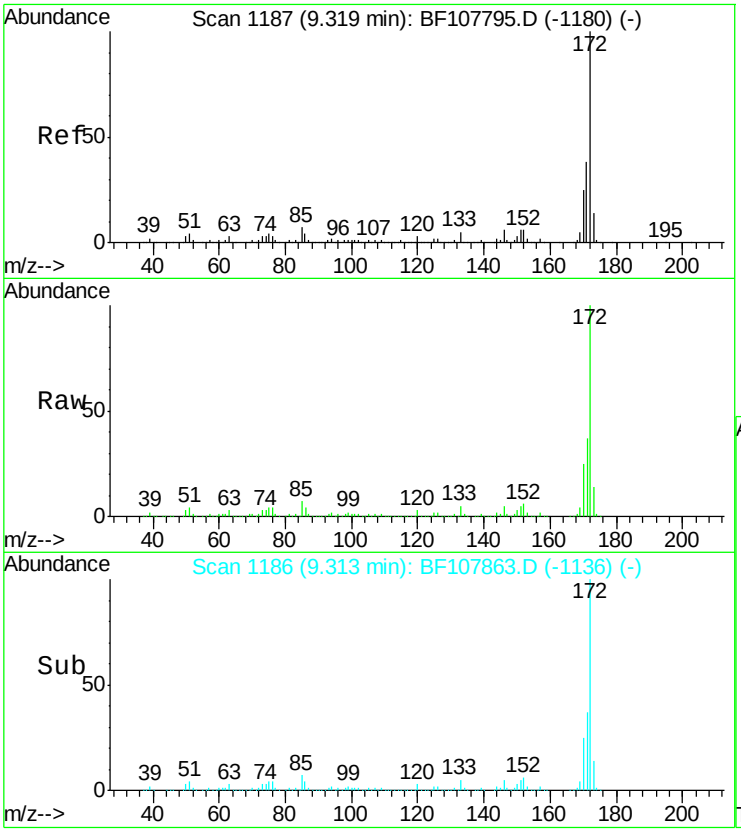


#41
2,4,6-Tribromophenol
Concen: 71.753 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:330 Resp: 298254

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	28.2	29.9	44.9#



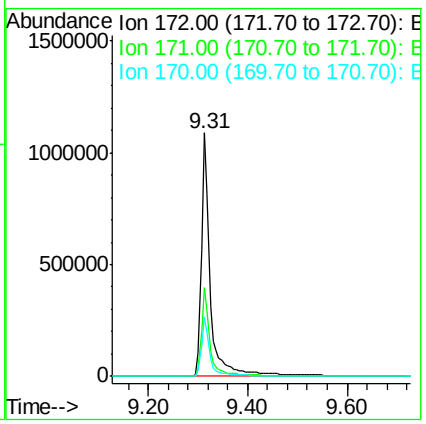


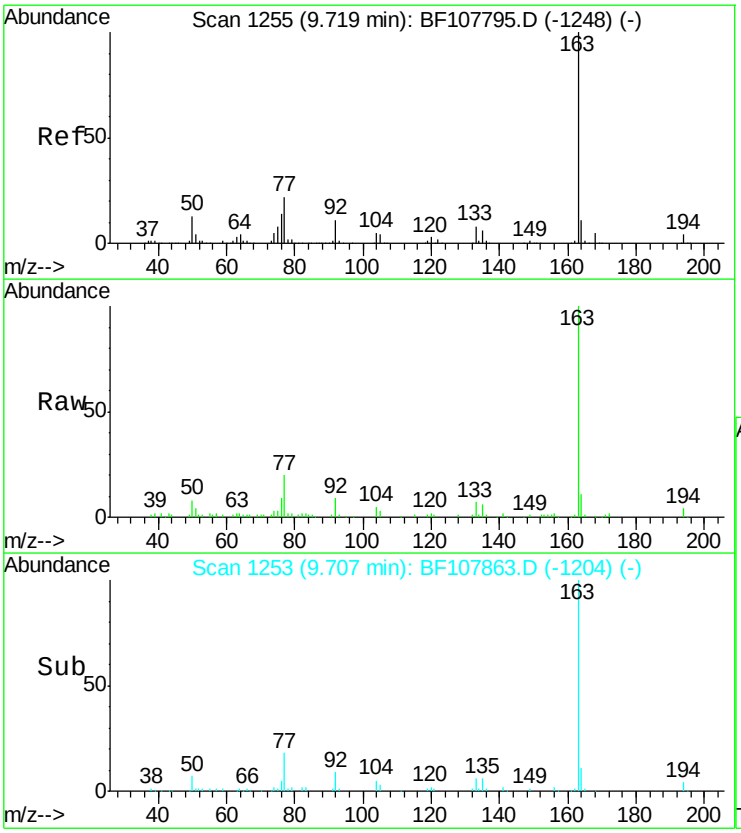
#44
2-Fluorobiphenyl
Concen: 62.378 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:172 Resp: 1369364

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4

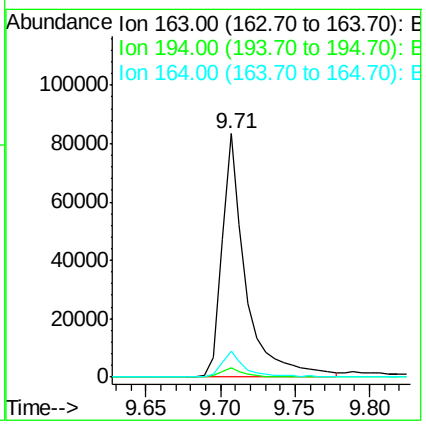


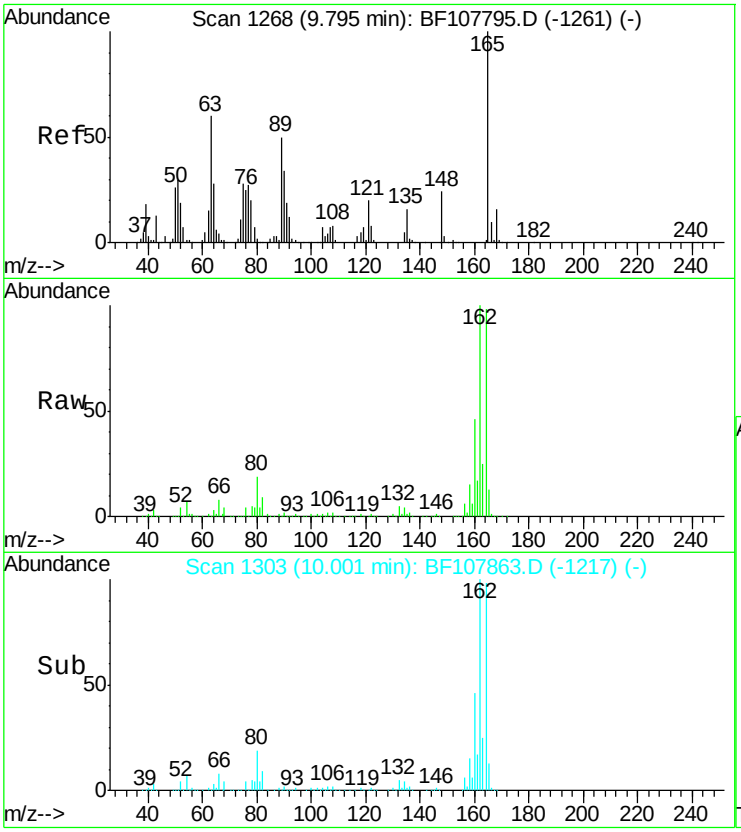


#49
Dimethylphthalate
Concen: 4.046 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:163 Resp: 92963

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2



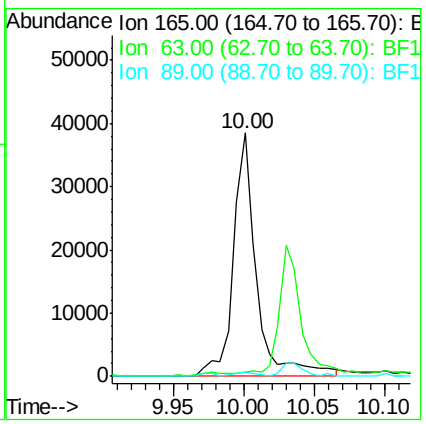


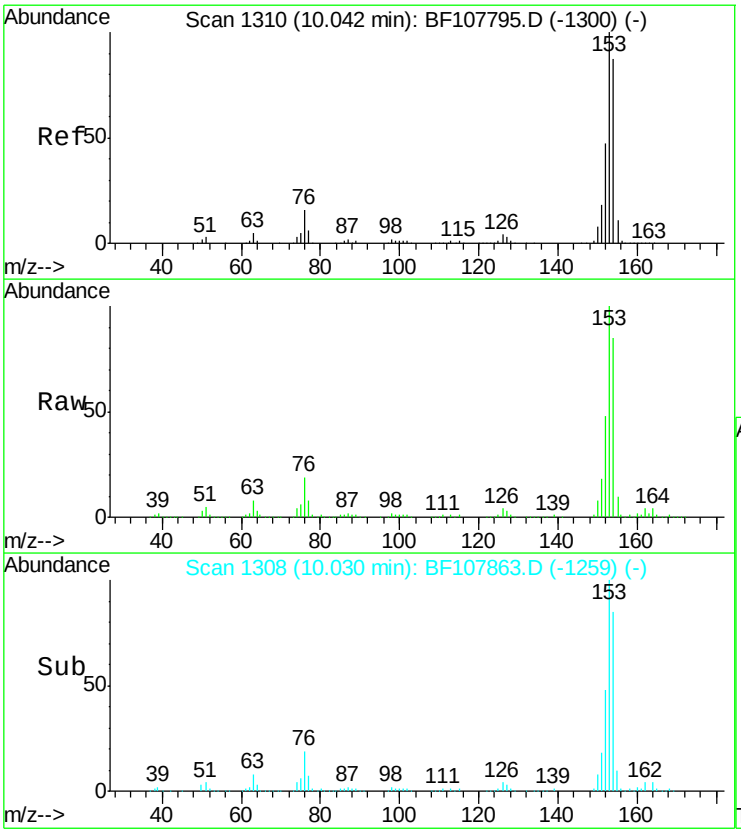
#50
2,6-Dinitrotoluene
Concen: 8.736 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:165 Resp: 43618

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.9	44.0	66.0#

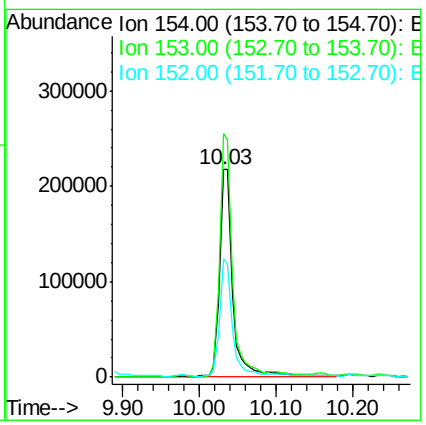


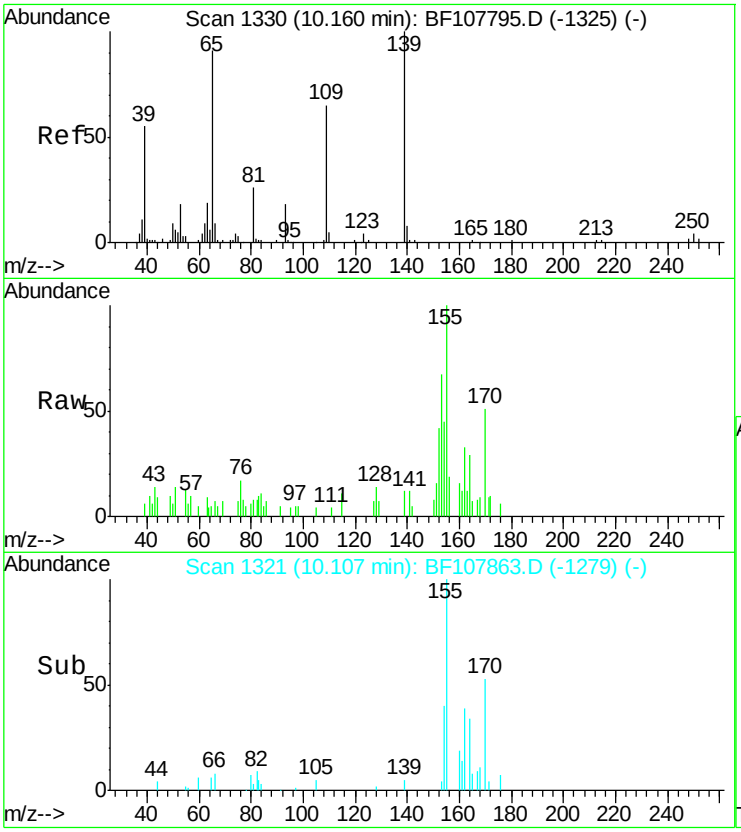


#51
Acenaphthene
Concen: 13.991 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:154 Resp: 264509

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.2	136.8
152	56.9	43.8	65.8



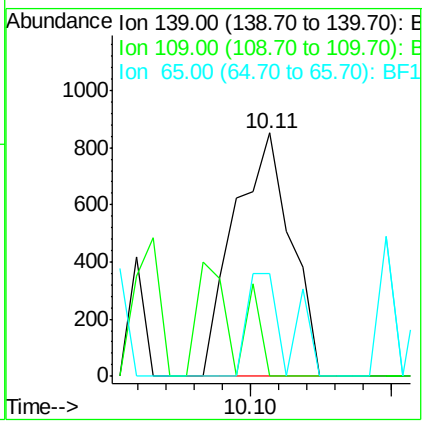


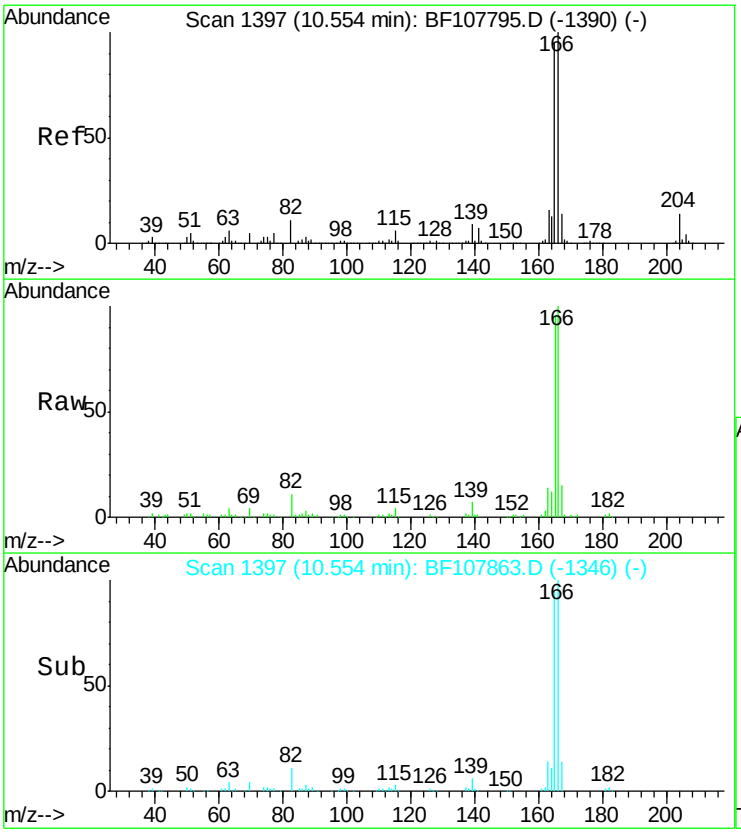
#55
4-Nitrophenol
Concen: 9.666 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.05 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:139 Resp: 1186

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	42.3	72.6	112.6#

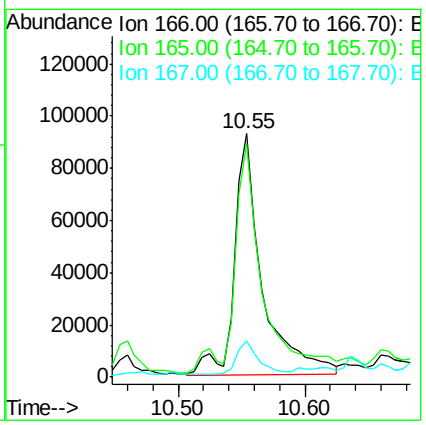


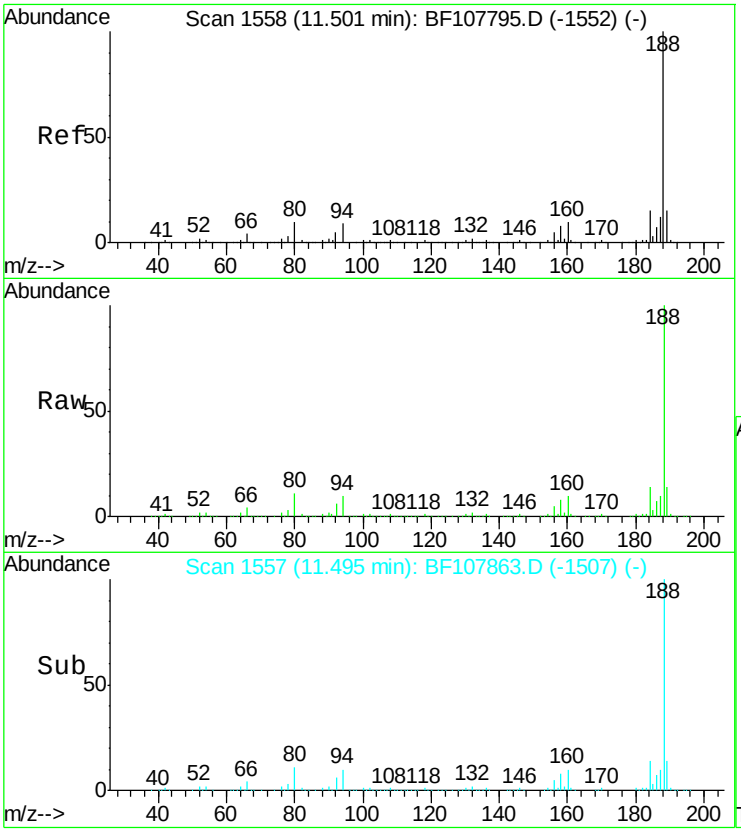


#57
Fluorene
Concen: 6.144 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:166 Resp: 139529

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.8	119.8
167	14.8	10.6	16.0



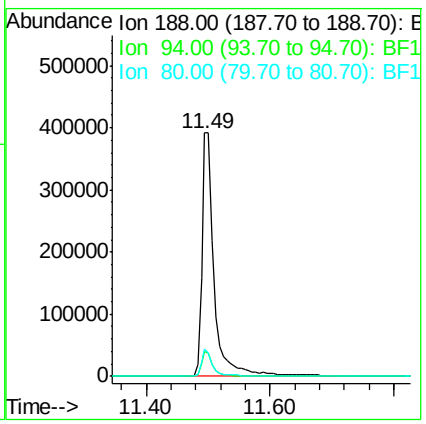


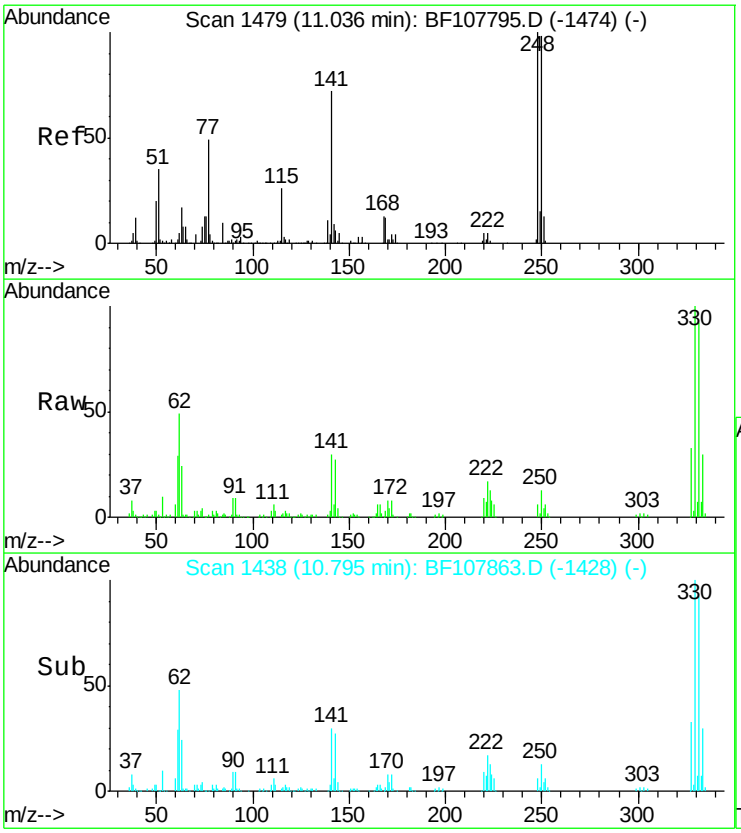
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:188 Resp: 543282

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

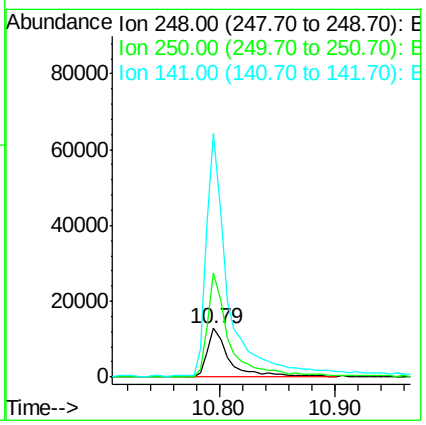


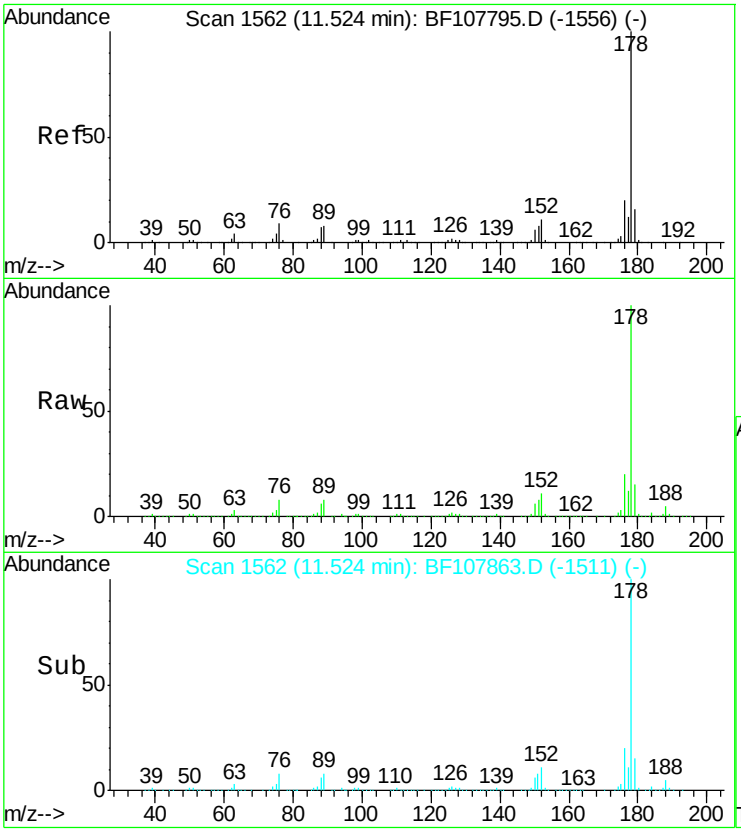


#66
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:248 Resp: 17315

Ion	Ratio	Lower	Upper
248	100		
250	212.9	76.9	115.3#
141	499.3	74.4	111.6#



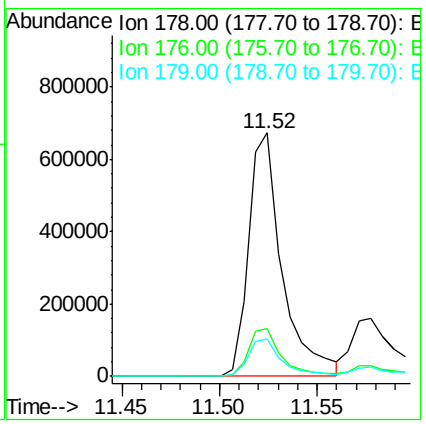


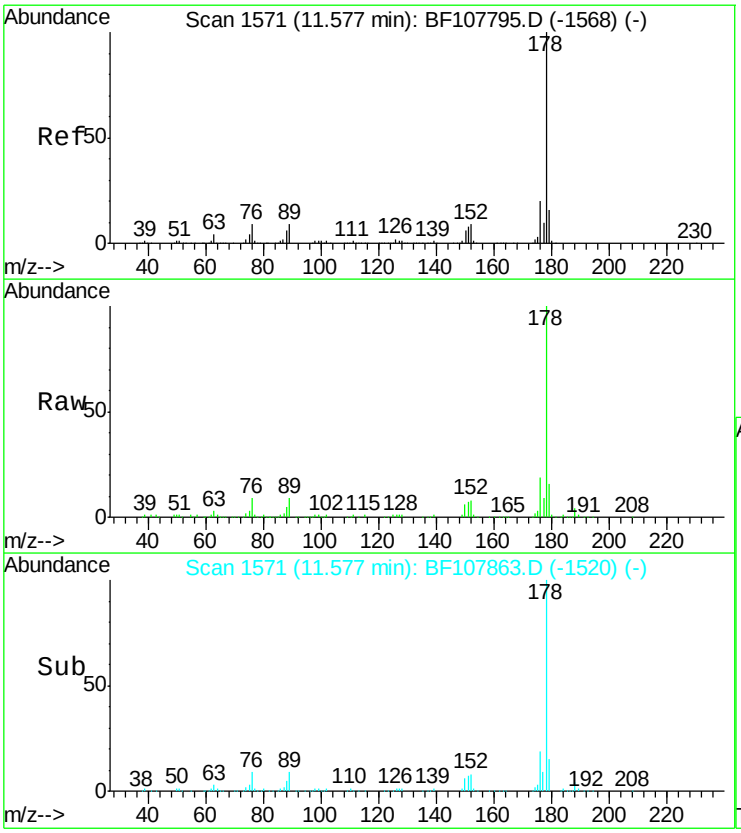
#70
Phenanthrene
Concen: 31.059 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:178 Resp: 801216

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

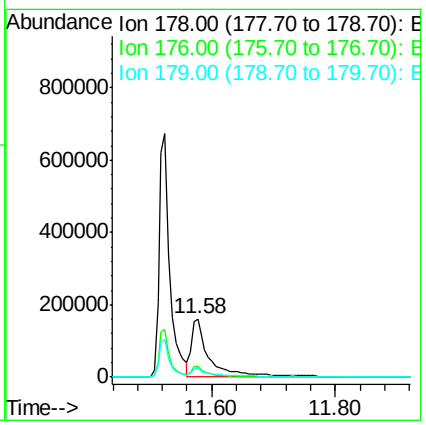


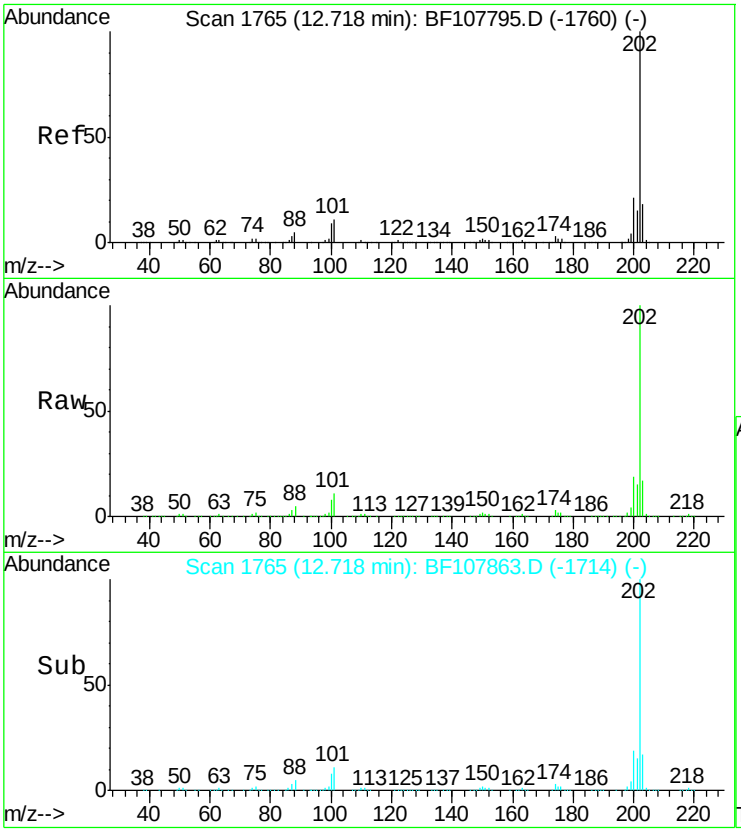


#71
Anthracene
Concen: 10.666 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:178 Resp: 317372

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	19.0



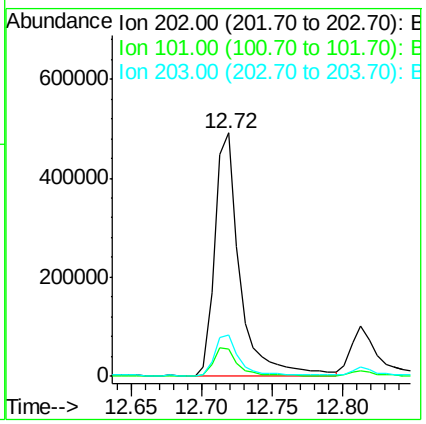


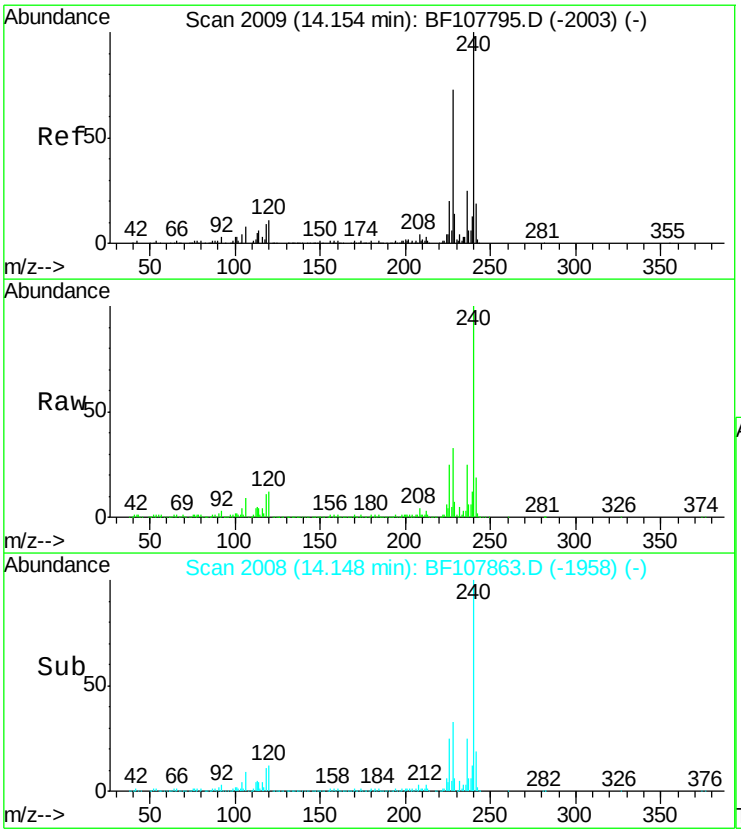
#74
Fluoranthene
Concen: 20.030 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:202 Resp: 607020

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.2	0.0	38.1

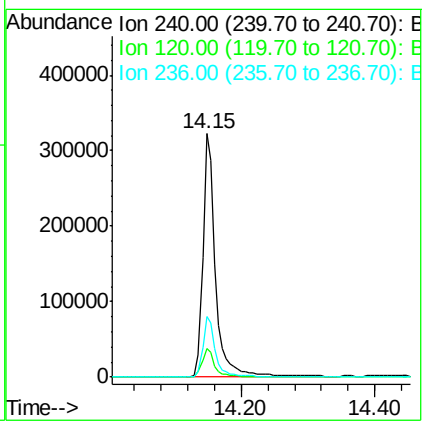


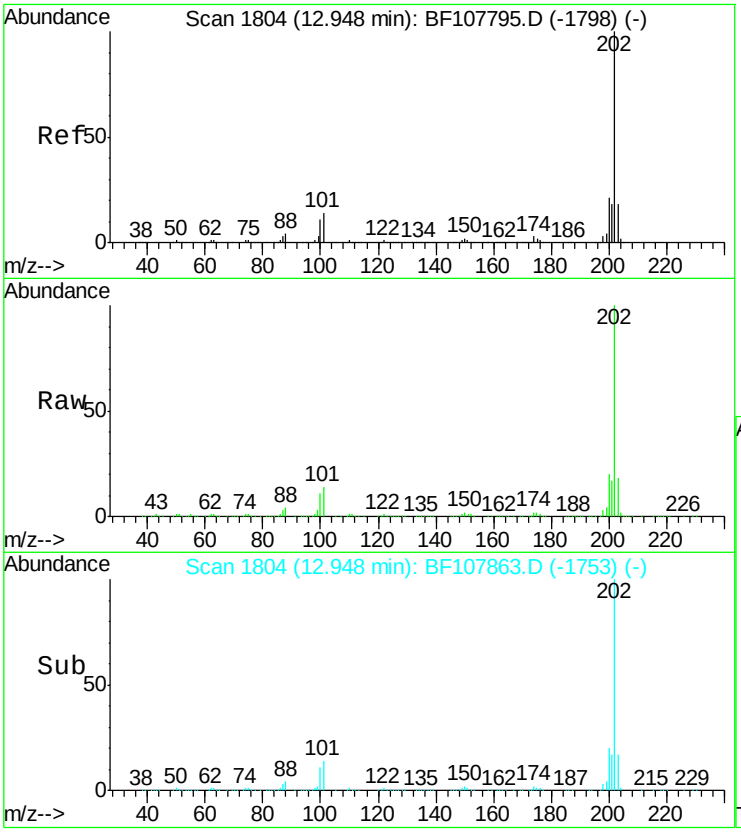


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:240 Resp: 420011

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.0	20.7	31.1



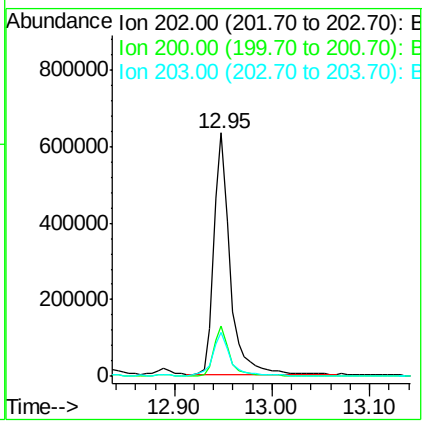


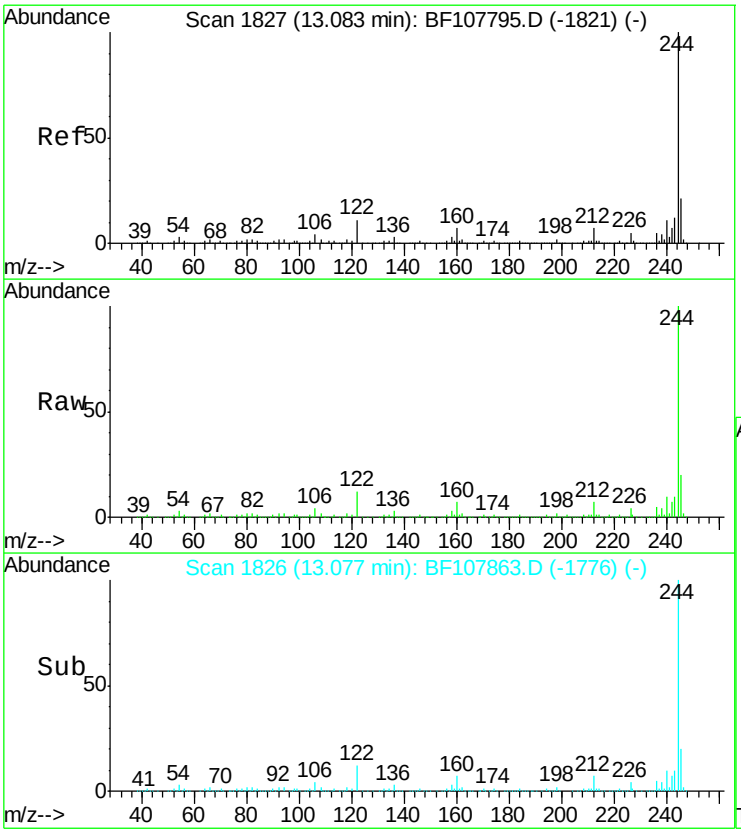
#77
Pyrene
Concen: 23.909 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:202 Resp: 723121

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.9	14.3	21.5

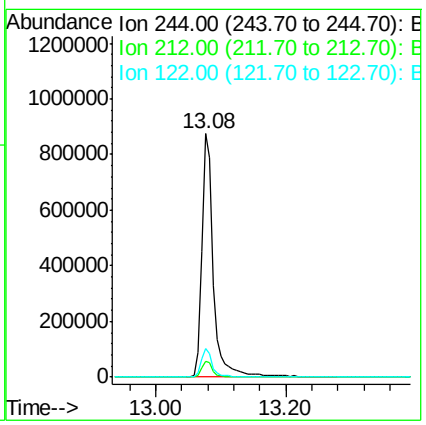


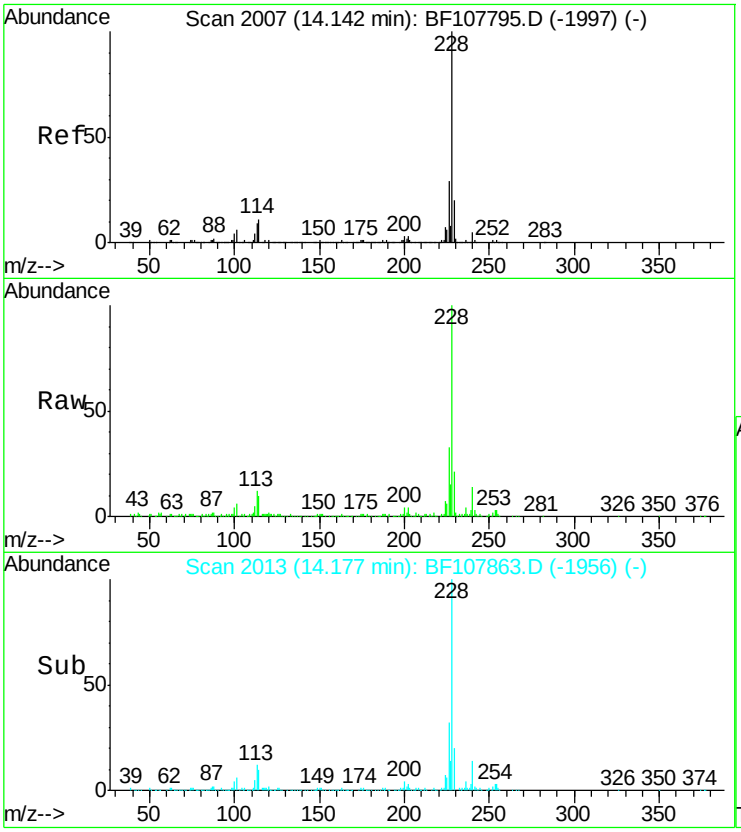


#78
Terphenyl-d14
Concen: 55.359 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:244 Resp: 1072268

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.0	11.0	16.4



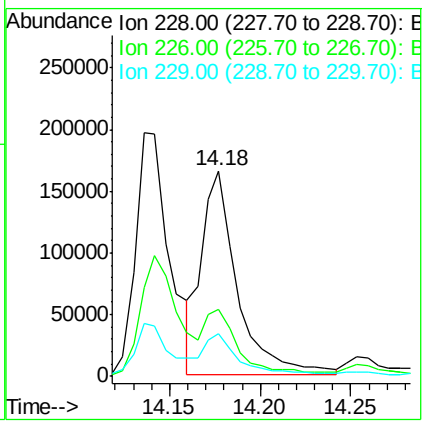


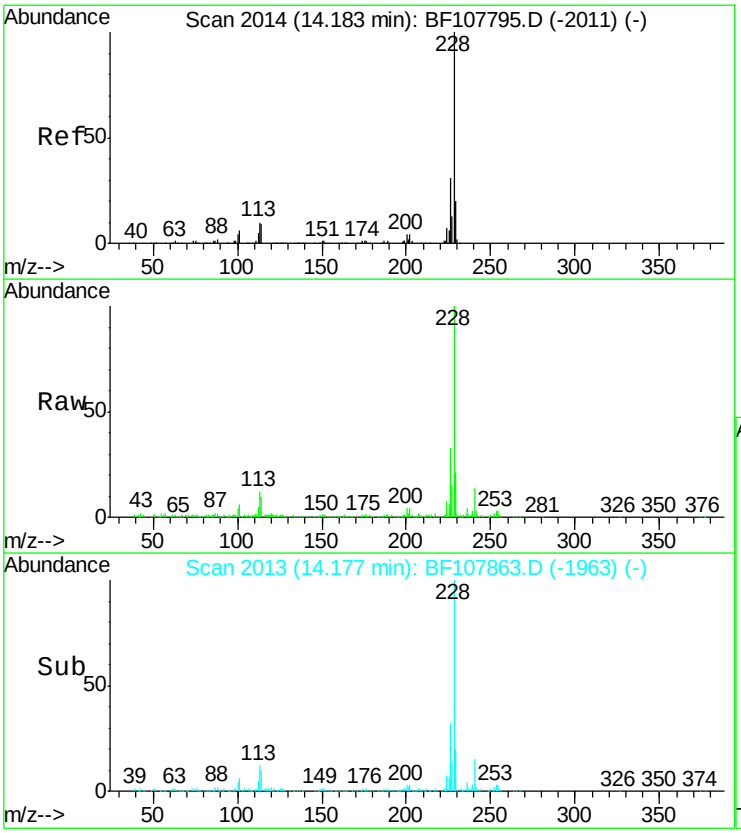
#80
Benzo(a)anthracene
Concen: 9.605 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:228 Resp: 228529

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	20.5	15.8	23.6

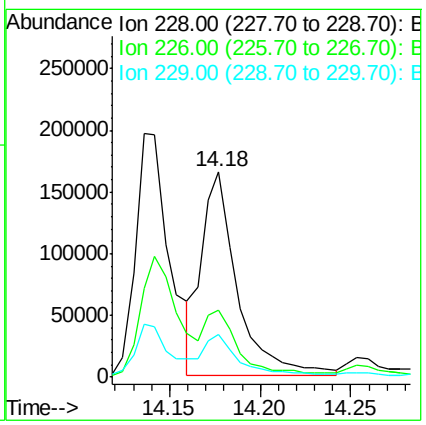


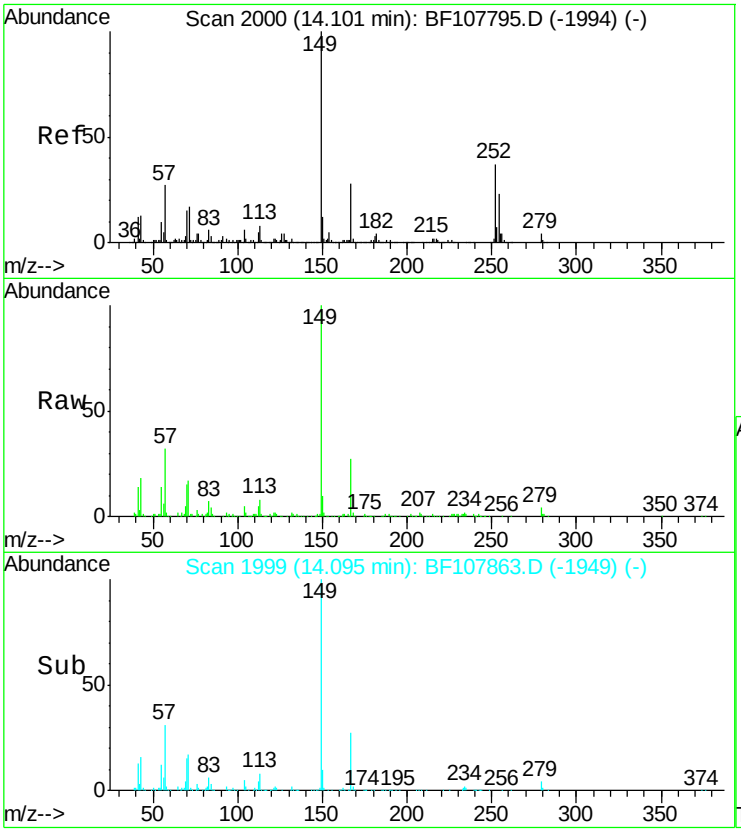


#82
Chrysene
Concen: 8.905 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:228 Resp: 228529

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	20.5	16.2	24.4



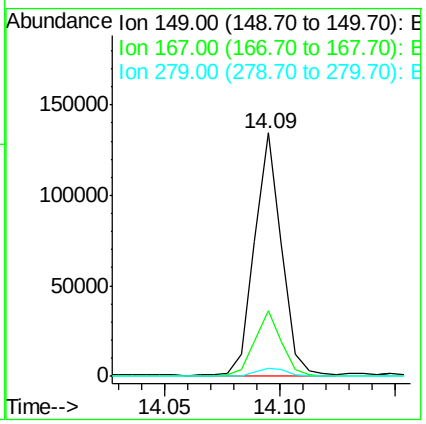


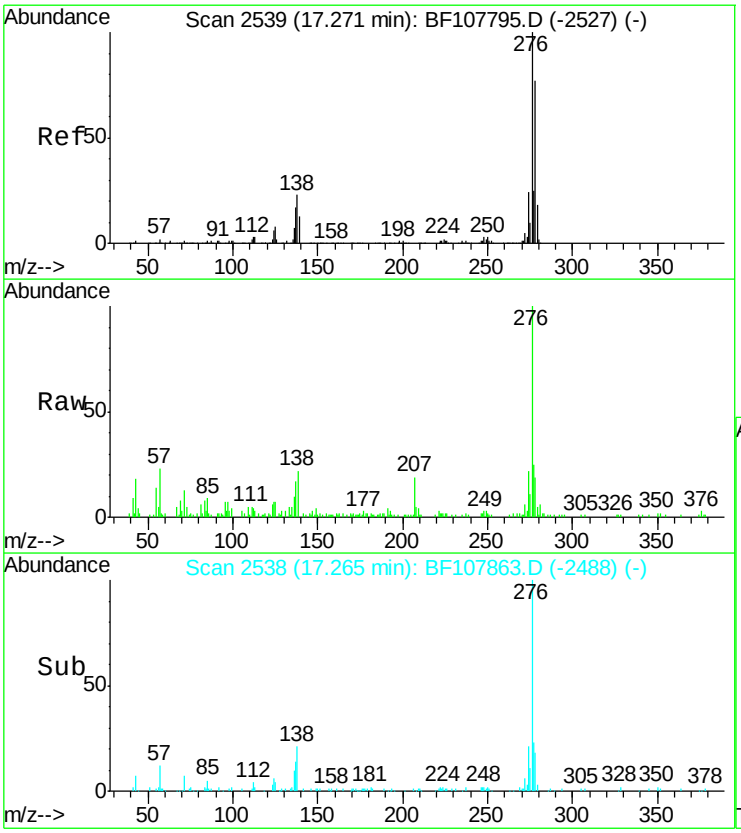
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.542 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:149 Resp: 108922

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.5	3.0	4.4

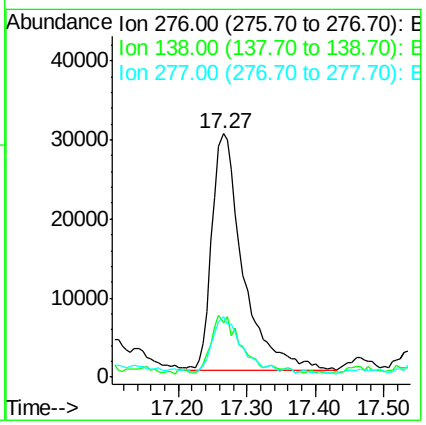


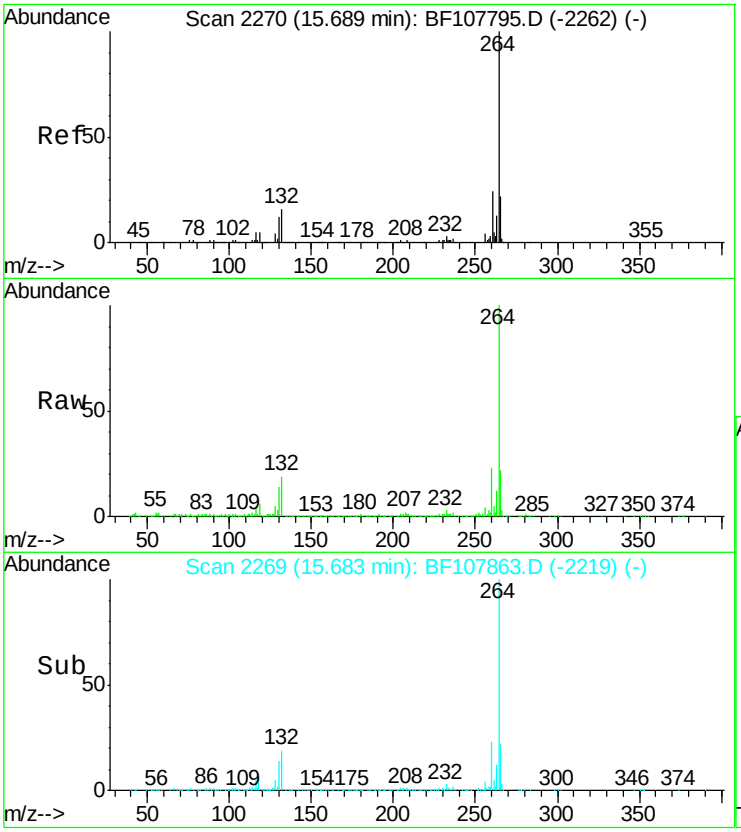


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.809 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:276 Resp: 93862

Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	21.4	20.1	30.1



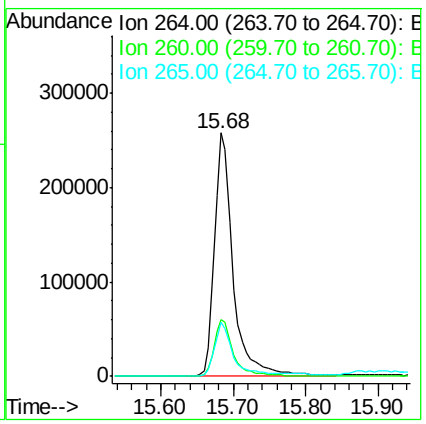


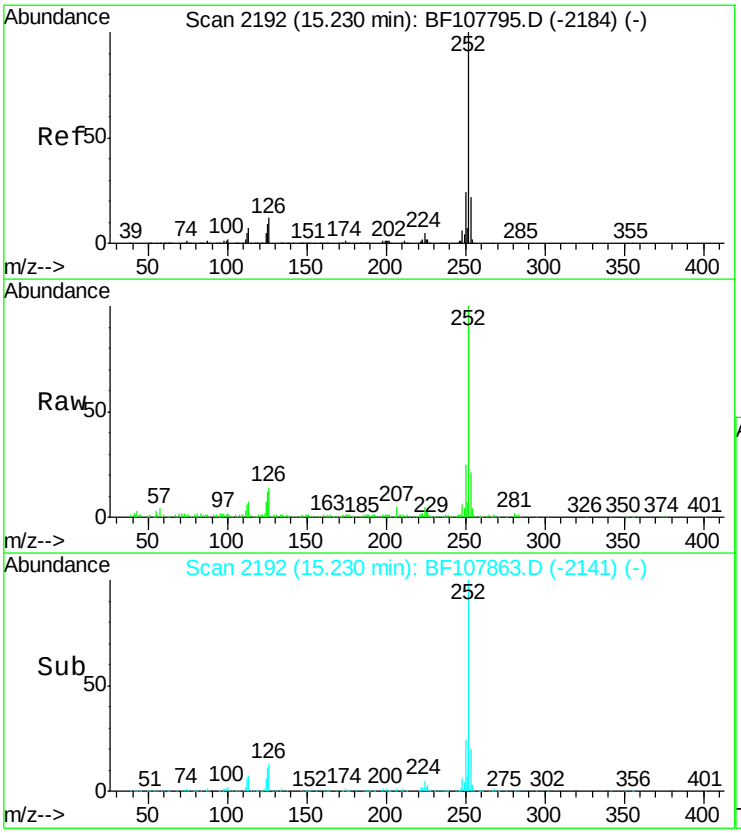
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:264 Resp: 463159

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.3	17.5	26.3

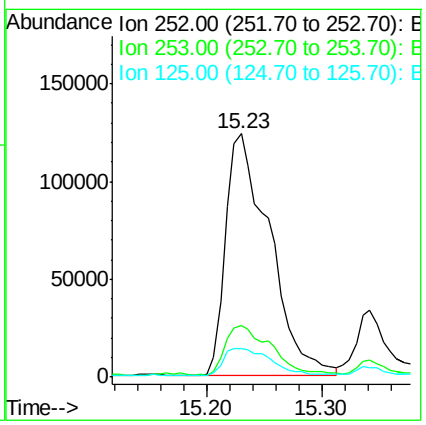


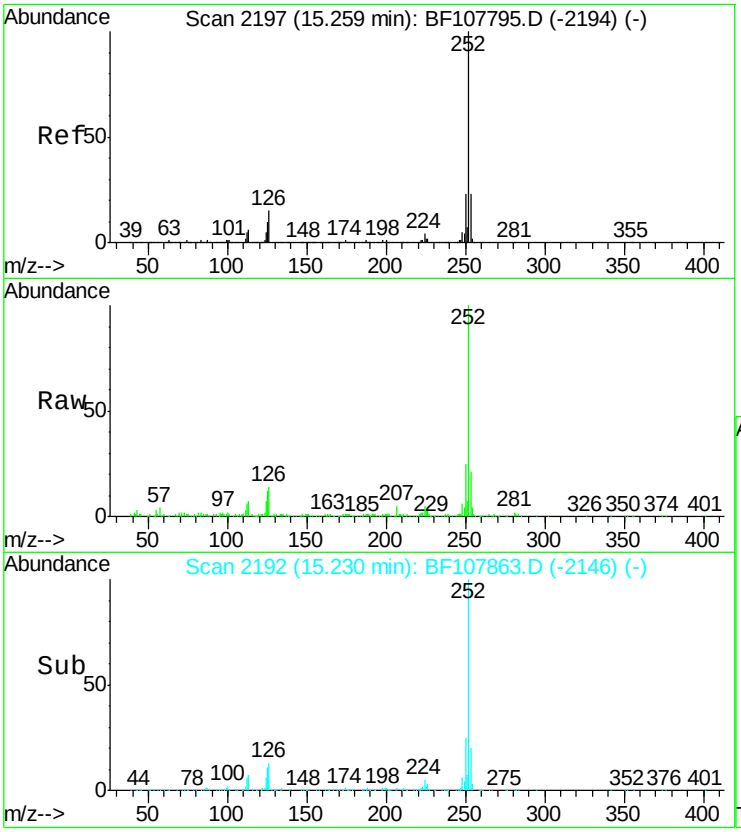


#87
Benzo(b)fluoranthene
Concen: 14.388 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:252 Resp: 328660

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	11.8	9.0	13.6



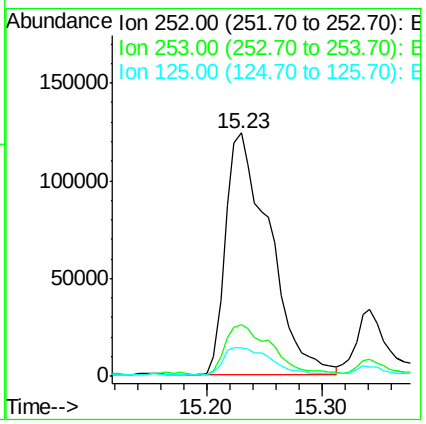


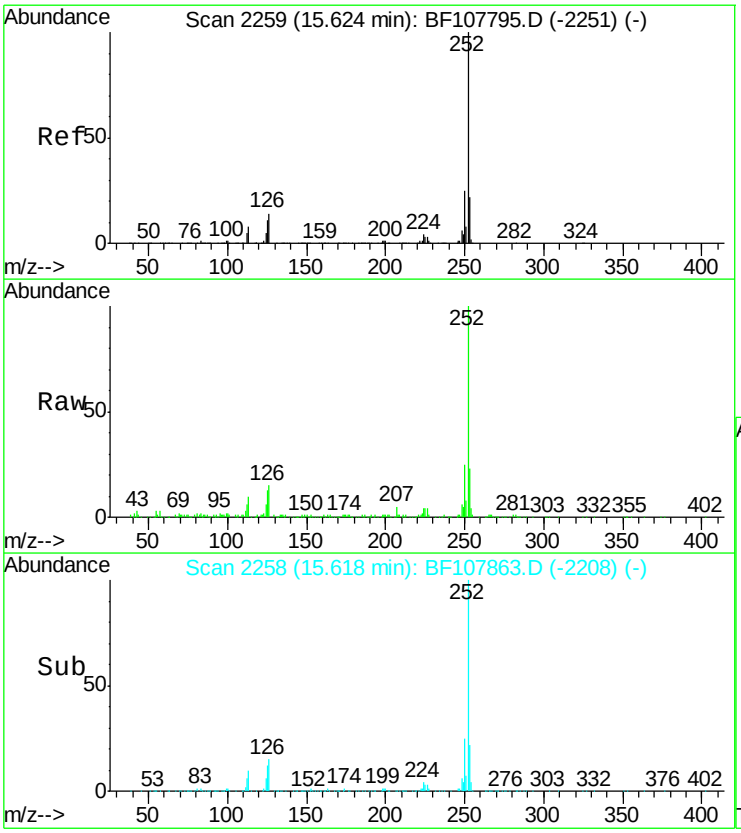
#88
Benzo(k)fluoranthene
Concen: 11.719 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:252 Resp: 328660

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	11.8	10.2	15.2

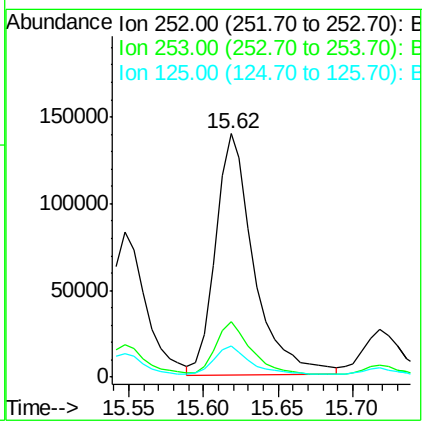


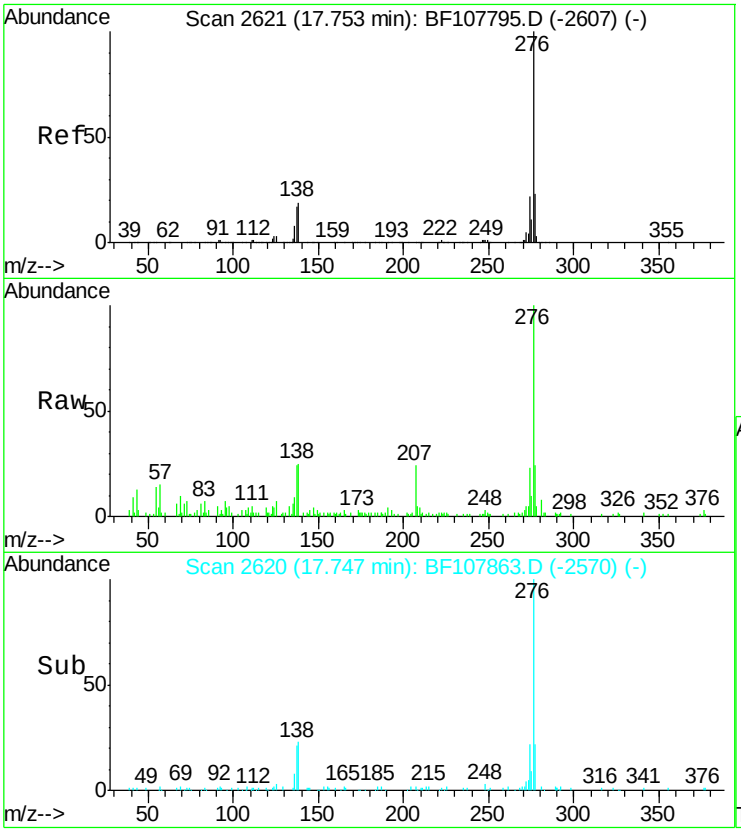


#89
Benzo(a)pyrene
Concen: 10.653 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Tgt Ion:252 Resp: 251217

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.7	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.749 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107863.D
Acq: 31 Jul 2018 21:27

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:276 Resp: 94527

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	25.4	21.8	32.8