

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107861.D
 Acq On : 31 Jul 2018 20:34
 Operator : JU/SJ
 Sample : J4231-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

Manual Integrations
 APPROVED

Sohil
 8/1/2018 3:57:20 PM

Quant Time: Aug 01 02:32:51 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	166744	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	731316	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	322352	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	571786	20.00	ng	0.00
75) Chrysene-d12	14.15	240	430349	20.00	ng	0.00
86) Perylene-d12	15.69	264	449304	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	957153	97.56	ng	0.00
7) Phenol-d6	6.60	99	1256580	97.18	ng	0.00
23) Nitrobenzene-d5	7.52	82	851897	67.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	360628	82.33	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1572757	67.99	ng	0.00
78) Terphenyl-d14	13.08	244	1218700	61.41	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	8.27	128	111909	3.292	ng	98
49) Dimethylphthalate	9.71	163	132281	5.464	ng	99
51) Acenaphthene	10.03	154	245706	12.333	ng	98
57) Fluorene	10.55	166	142685	5.962	ng	96
70) Phenanthrene	11.52	178	926882	34.139	ng	98
71) Anthracene	11.58	178	412460	13.171	ng	99
74) Fluoranthene	12.72	202	774130	24.270	ng	96
77) Pyrene	12.95	202	881880	28.458	ng	99
80) Benzo(a)anthracene	14.14	228	323375m	13.265	ng	
82) Chrysene	14.18	228	316626	12.042	ng	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	497035	29.135	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	114367	5.718	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	279219m	12.600	ng	
88) Benzo(k)fluoranthene	15.24	252	186871m	6.869	ng	
89) Benzo(a)pyrene	15.62	252	281366	12.299	ng	98
91) Benzo(g,h,i)perylene	17.75	276	102744	5.321	ng	95

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

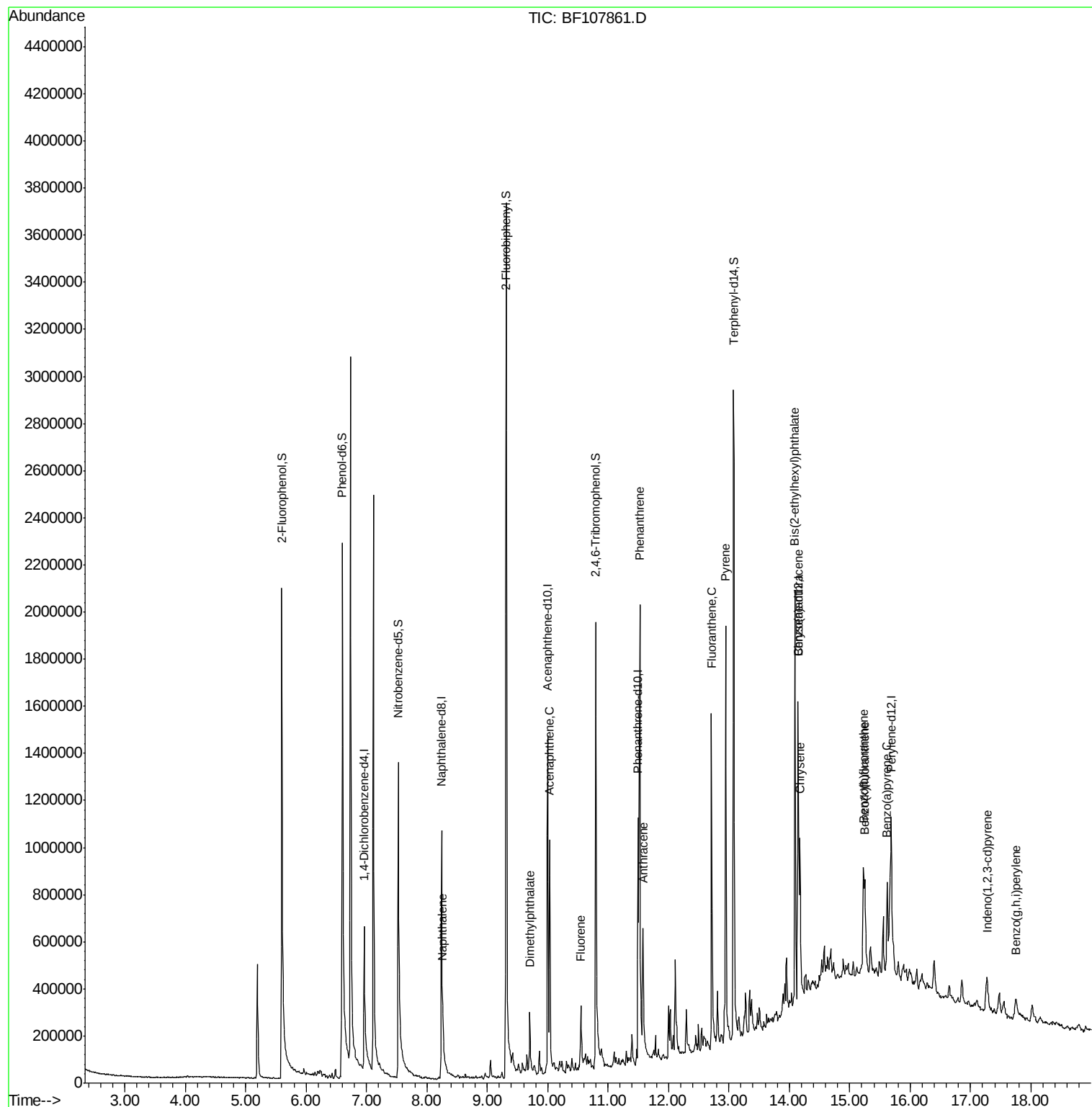
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107861.D
Acq On : 31 Jul 2018 20:34
Operator : JU/SJ
Sample : J4231-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

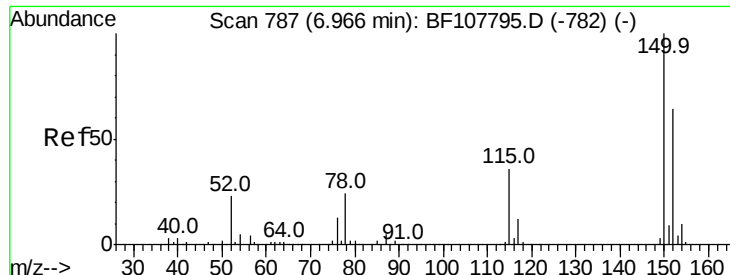
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:20 PM

Quant Time: Aug 01 02:32:51 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

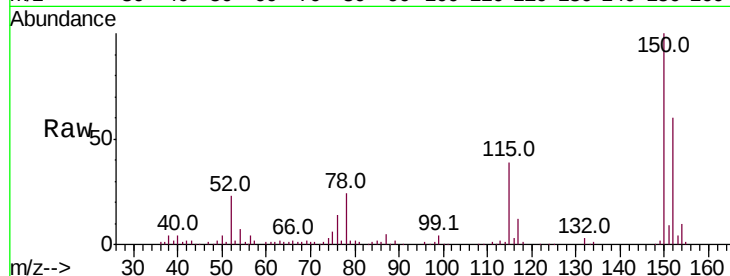
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	124.6	186.8
115	63.8	50.1	75.1

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:20 PM

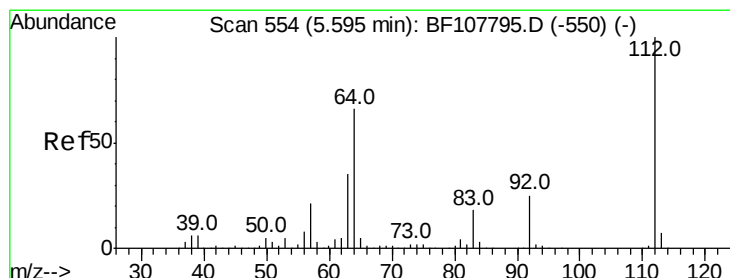
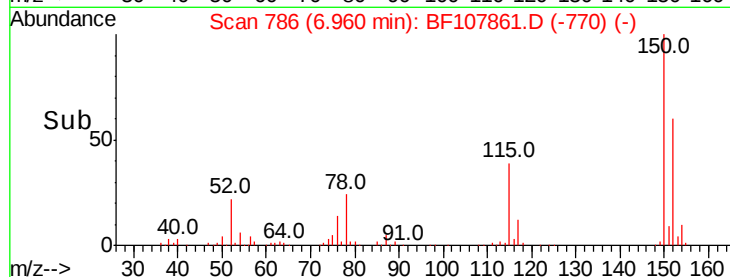
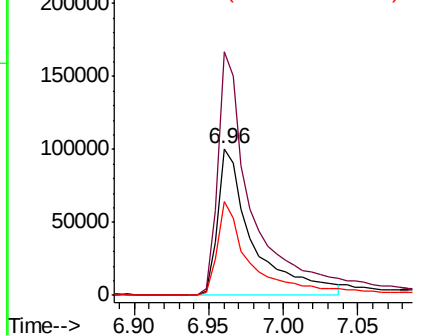


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

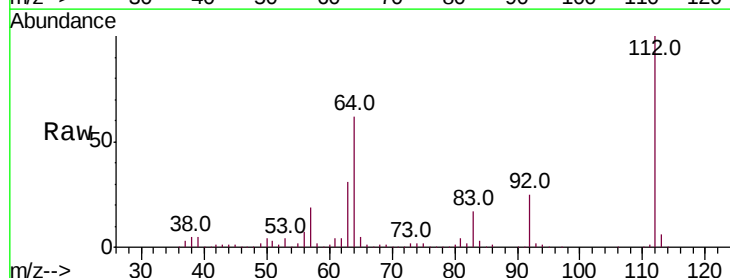
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.558 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.2	23.7	35.5

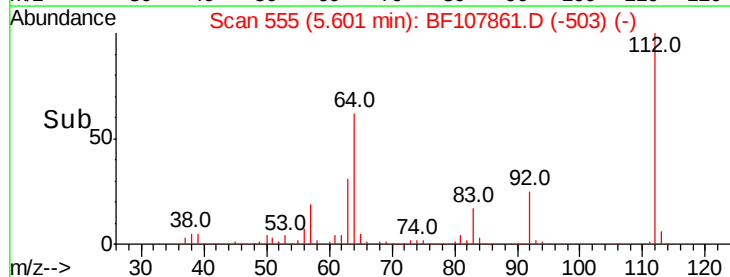
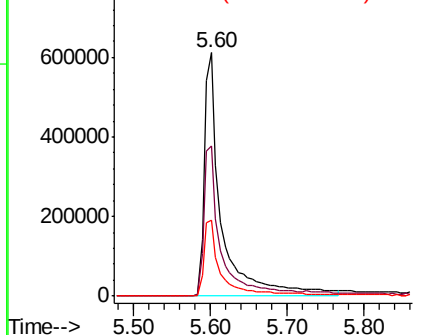


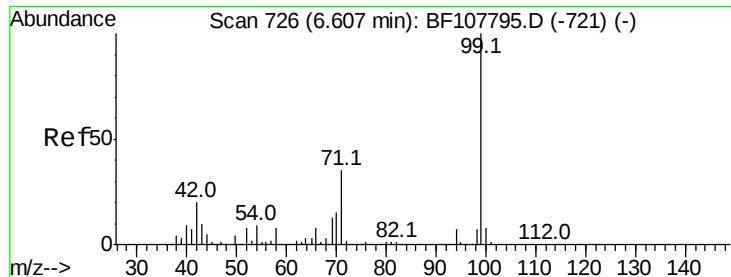
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.180 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

Tot Ion: 99 Resp: 1256580

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

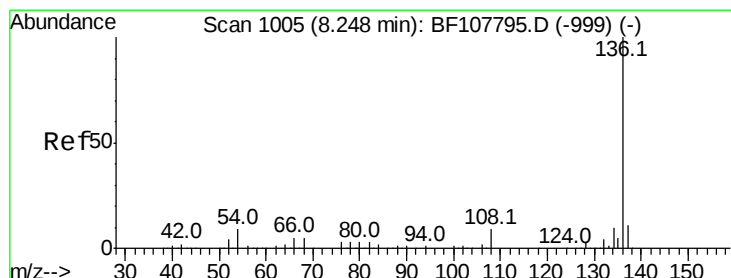
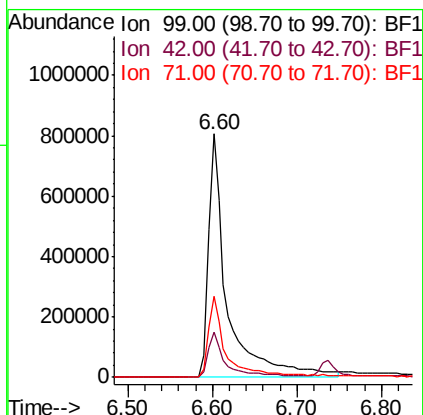
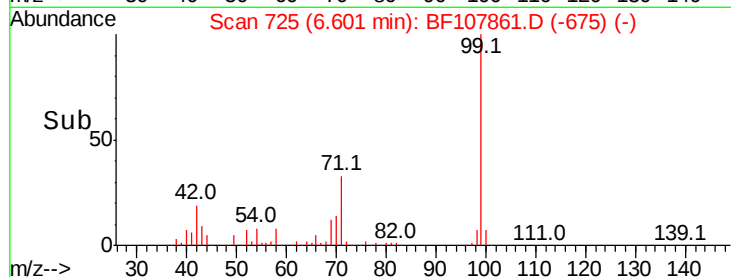
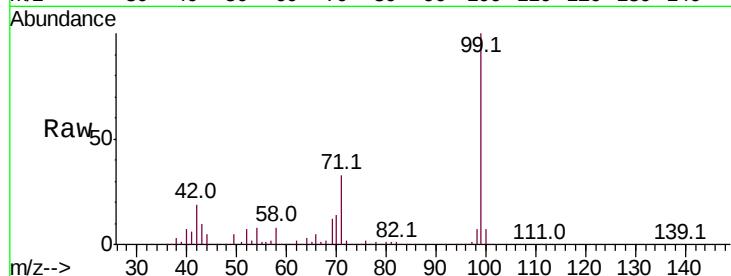
71 33.2 25.4 38.0

Manual Integrations

APPROVED

Sohil

8/1/2018 3:57:20 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Tgt Ion: 136 Resp: 731316

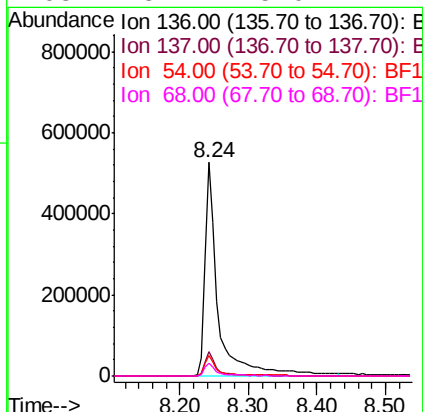
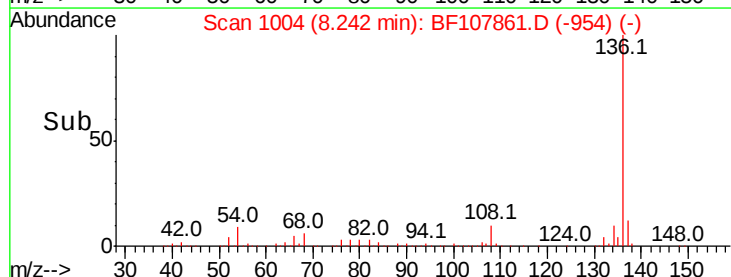
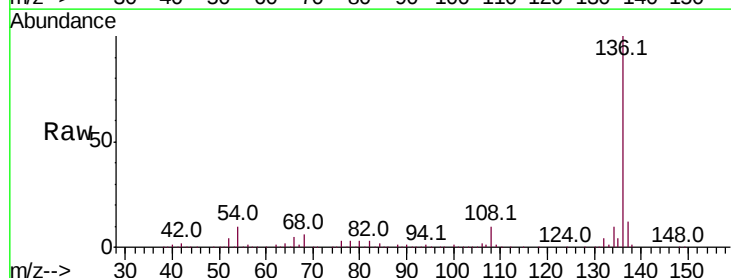
Ion Ratio Lower Upper

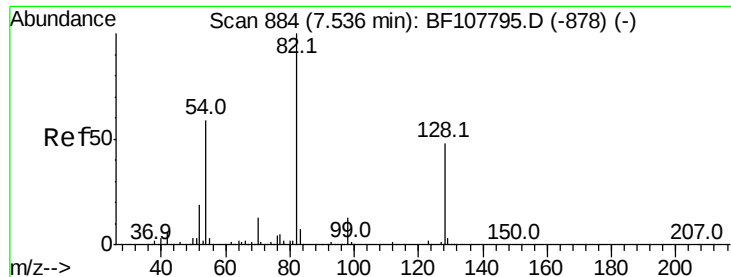
136 100

137 11.7 8.9 13.3

54 9.5 6.6 9.8

68 5.7 5.0 7.4





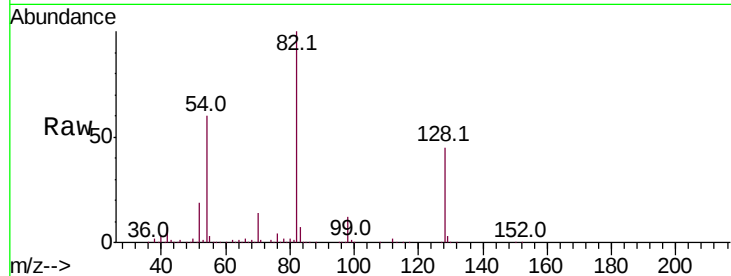
#23
Nitrobenzene-d5
Concen: 67.109 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	60.1	41.4	62.2

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:20 PM

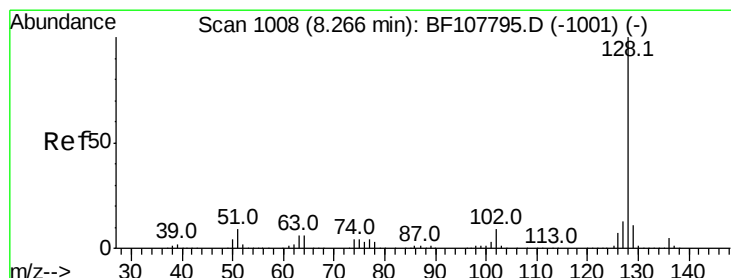
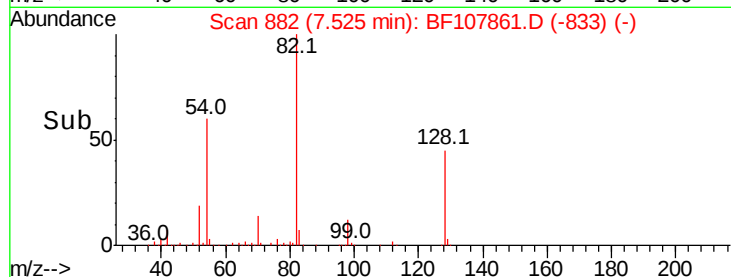
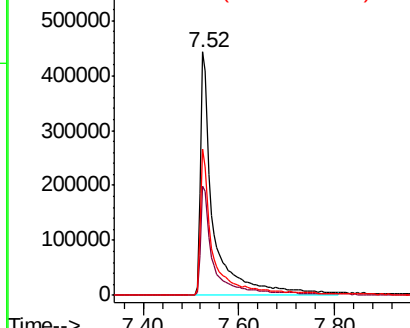


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31
Naphthalene
Concen: 3.292 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

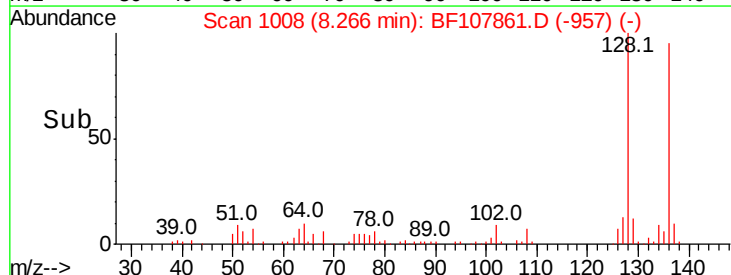
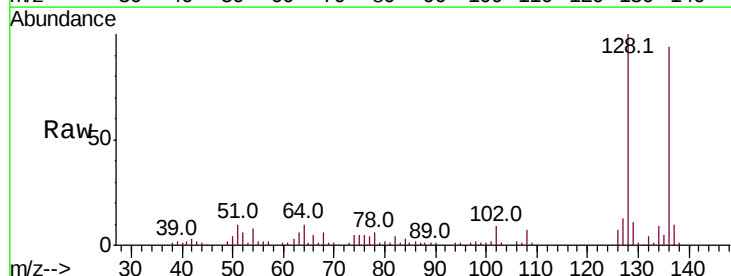
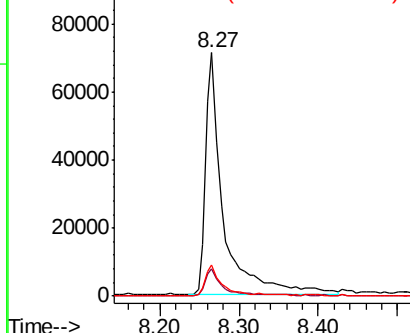
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.5	10.9	16.3

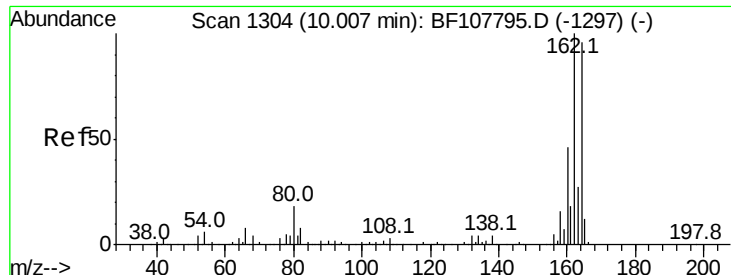
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





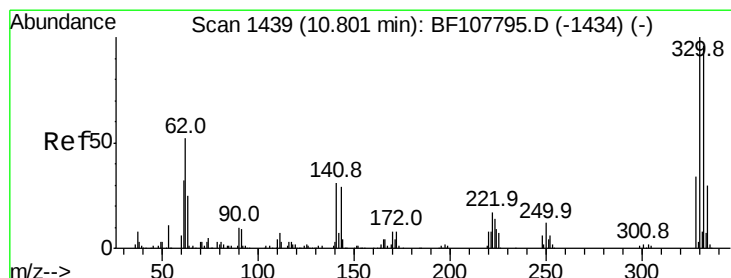
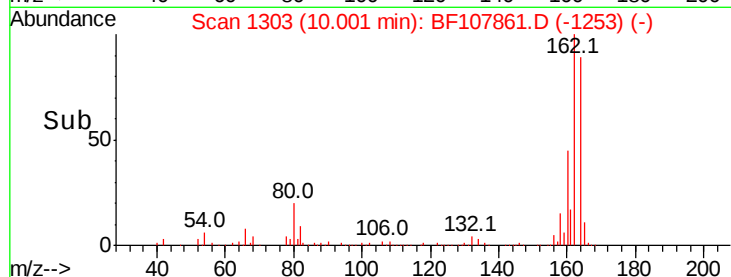
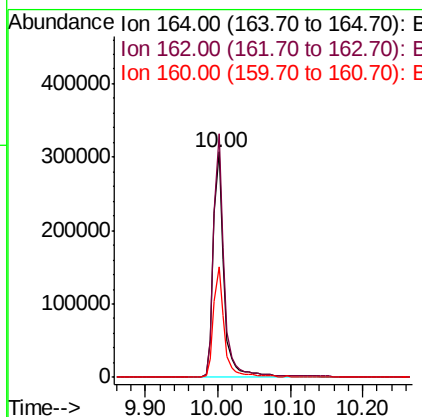
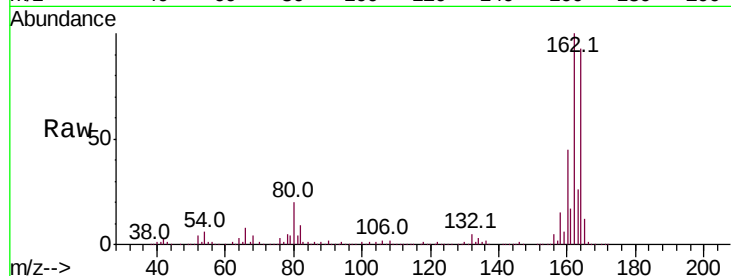
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107861.D
 Acq: 31 Jul 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.0	86.1	129.1
160	48.8	38.3	57.5

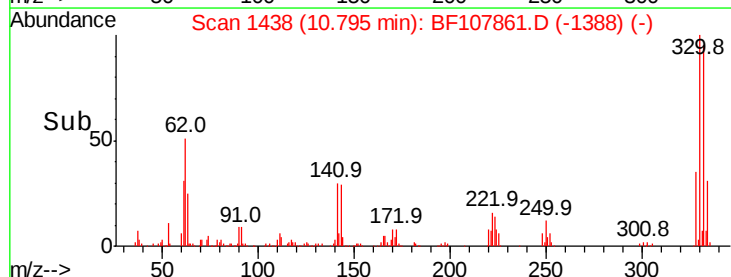
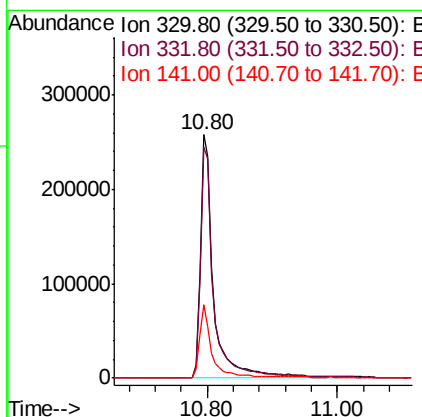
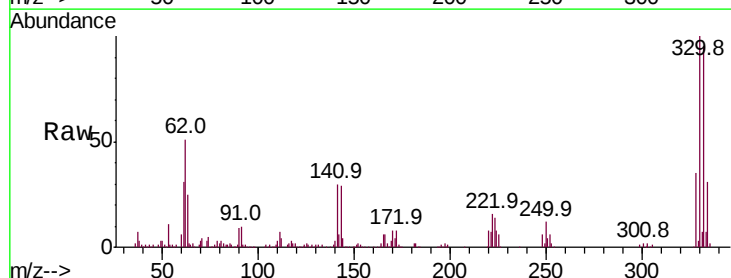
Manual Integrations
 APPROVED

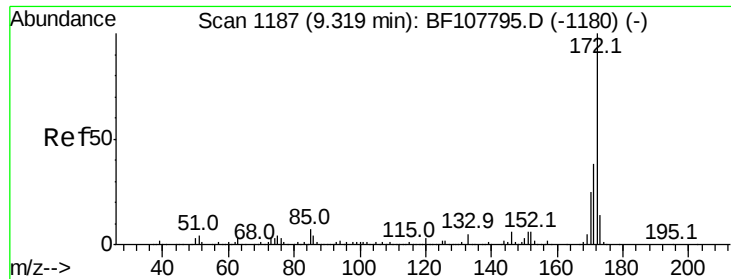
Sohil
 8/1/2018 3:57:20 PM



#41
 2,4,6-Tribromophenol
 Concen: 82.333 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107861.D
 Acq: 31 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	27.3	29.9	44.9#





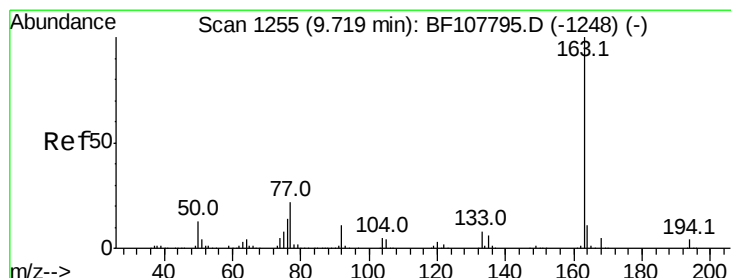
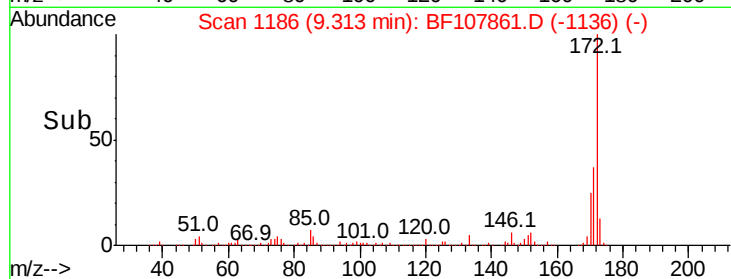
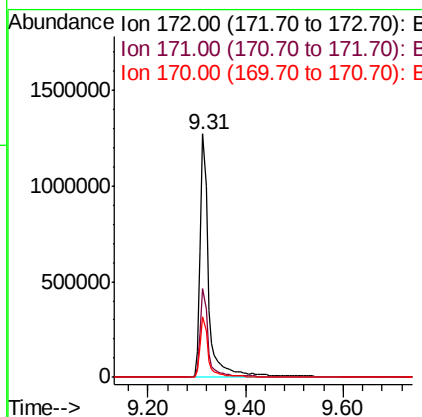
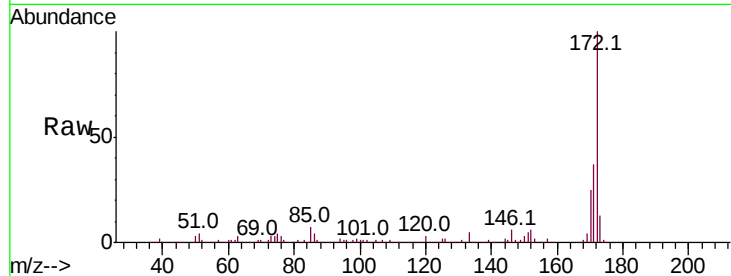
#44
2-Fluorobiphenyl
Concen: 67.988 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4

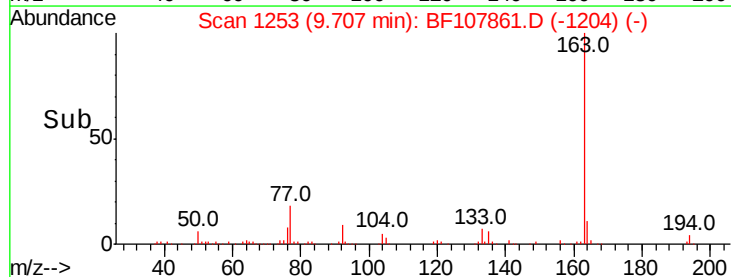
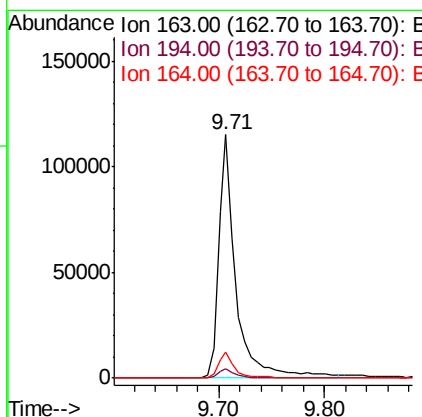
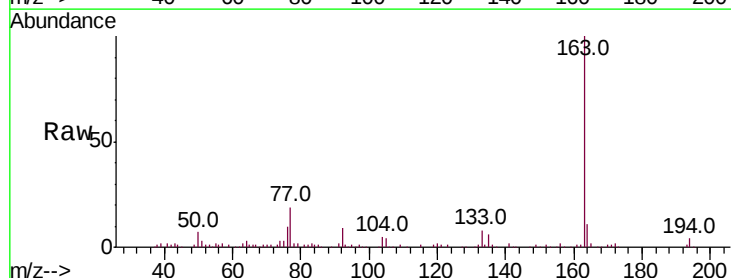
Manual Integrations
APPROVED

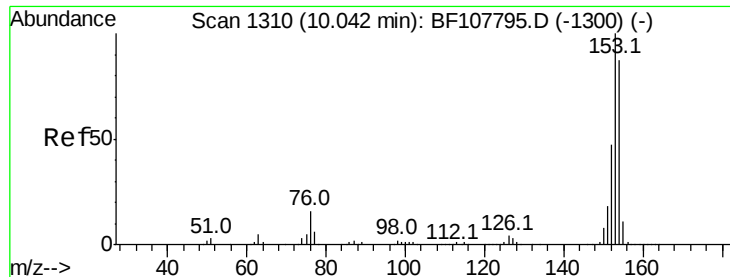
Sohil
8/1/2018 3:57:20 PM



#49
Dimethylphthalate
Concen: 5.464 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2





#51

Acenaphthene

Concen: 12.333 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Instrument :

BNA_F

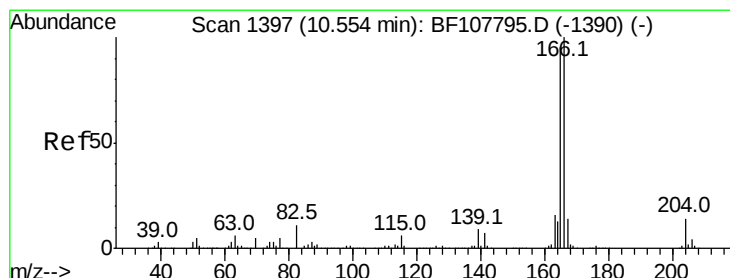
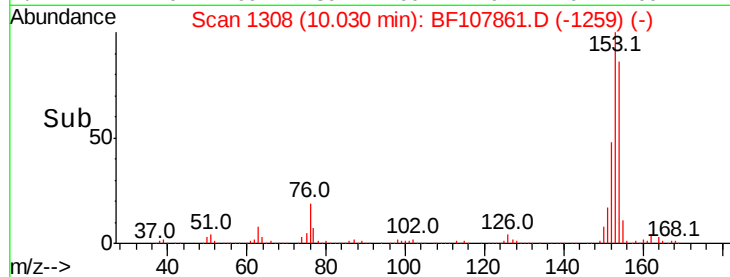
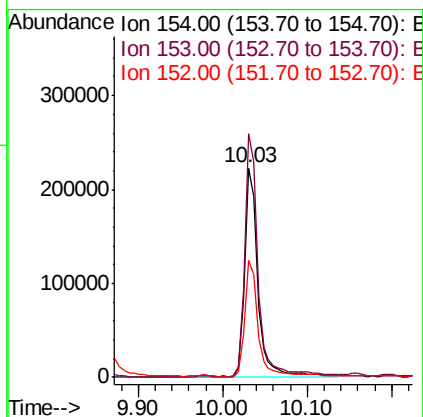
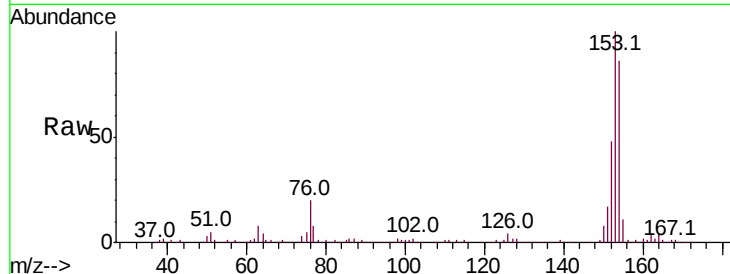
ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

Tot Ion:	154	Resp:	245706
Ion Ratio	Lower	Upper	
154	100		
153	116.2	91.2	136.8
152	55.5	43.8	65.8

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:20 PM



#57

Fluorene

Concen: 5.962 ng

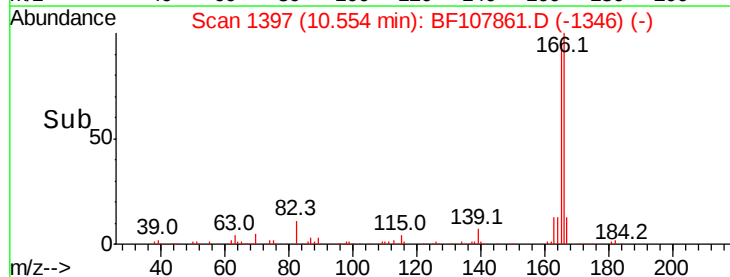
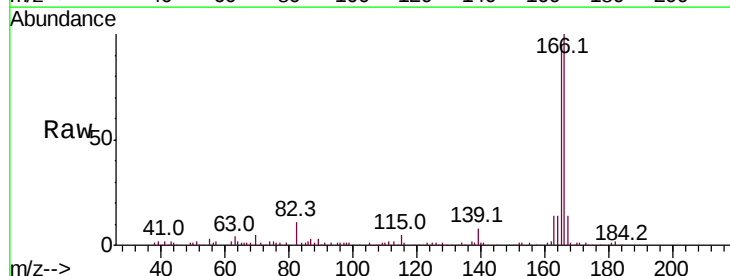
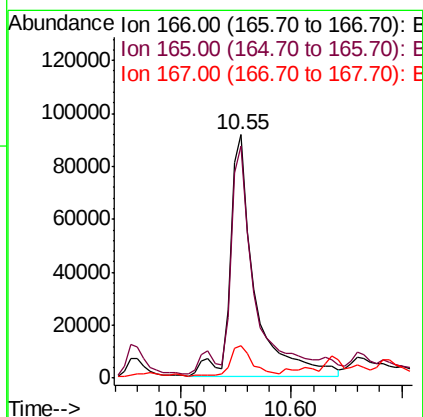
RT: 10.55 min Scan# 1397

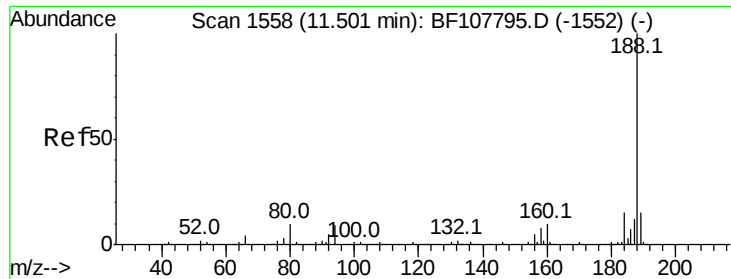
Delta R.T. 0.00 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Tgt Ion:	166	Resp:	142685
Ion Ratio	Lower	Upper	
166	100		
165	95.5	79.8	119.8
167	13.6	10.6	16.0





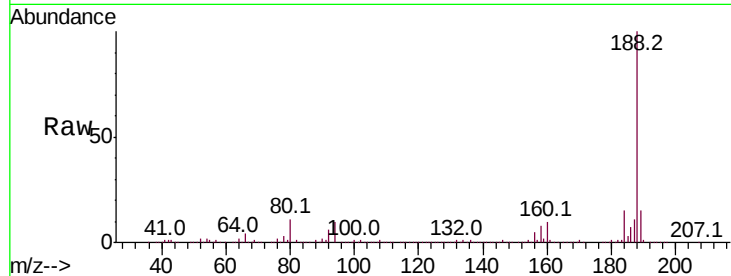
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	8.5	12.7	
80	11.3	9.2	13.8	

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:20 PM

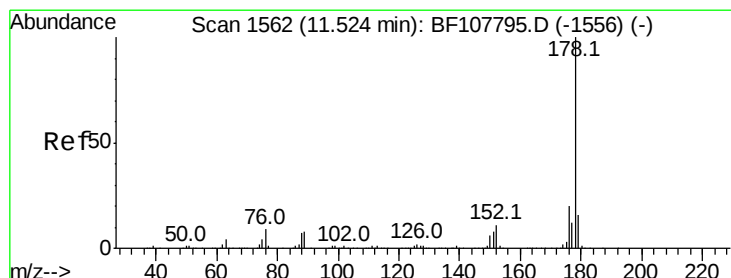
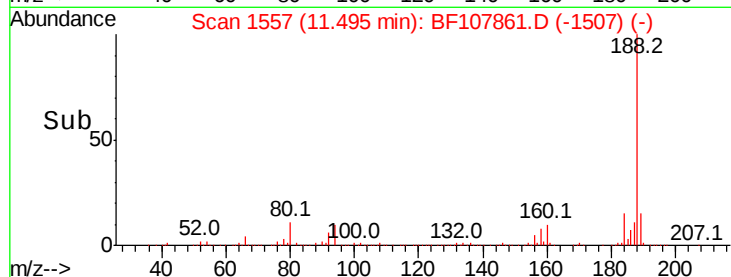
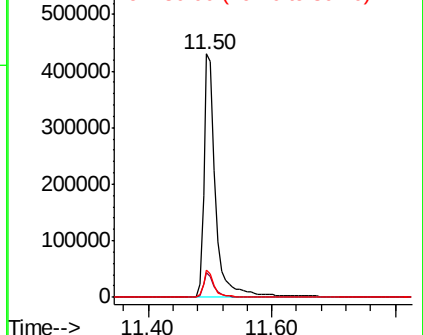


Abundance

Ion 188.00 (187.70 to 188.70): E

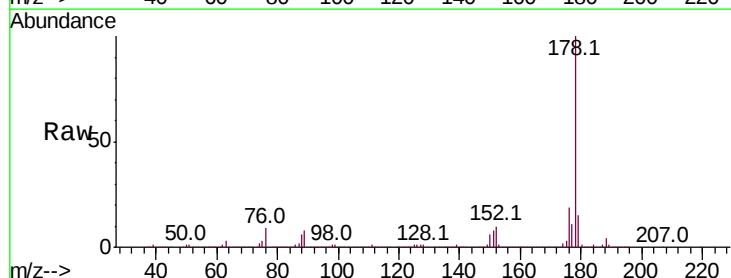
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70
Phenanthrene
Concen: 34.139 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.4	15.8	23.8	
179	15.2	13.0	19.6	

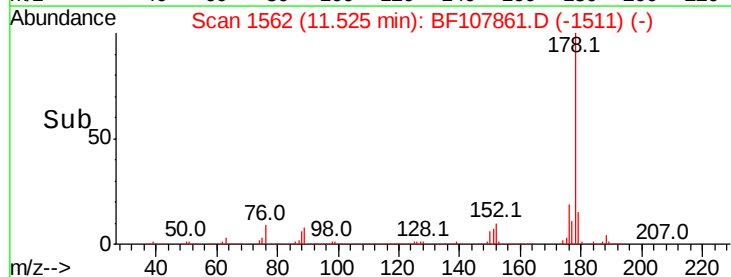
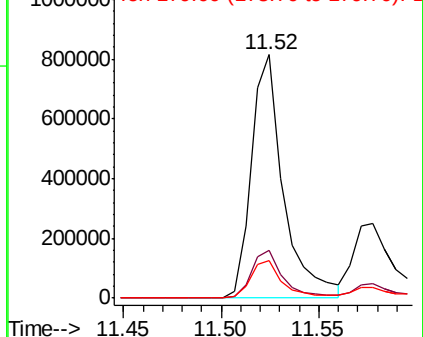


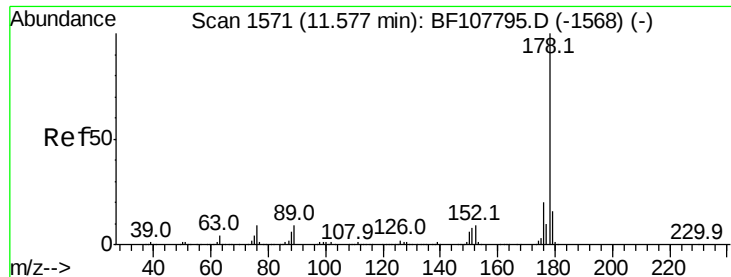
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





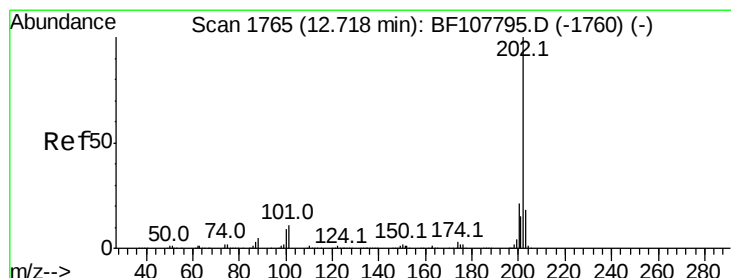
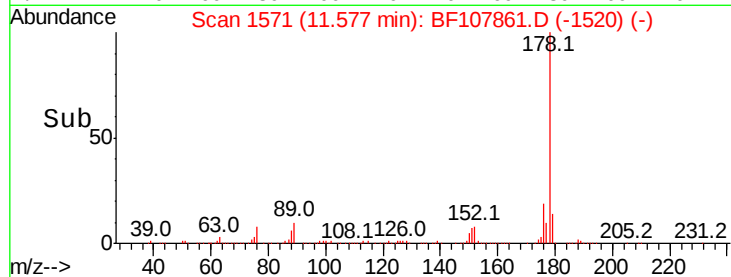
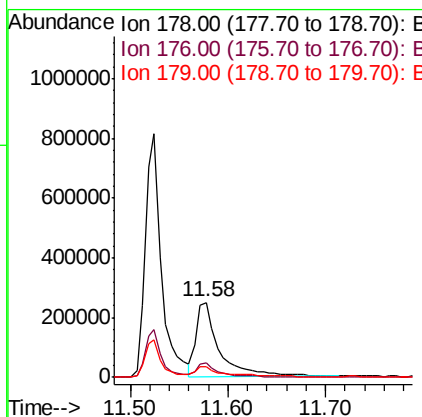
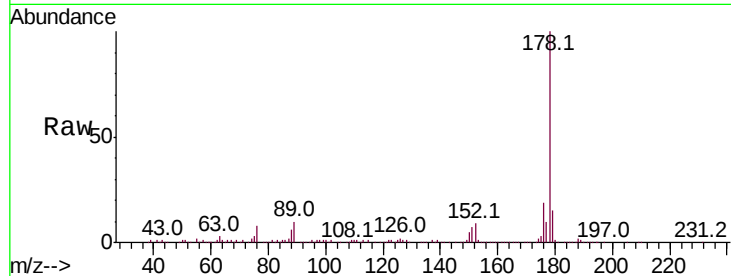
#71
 Anthracene
 Concen: 13.171 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107861.D
 Acq: 31 Jul 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.0	12.6	19.0

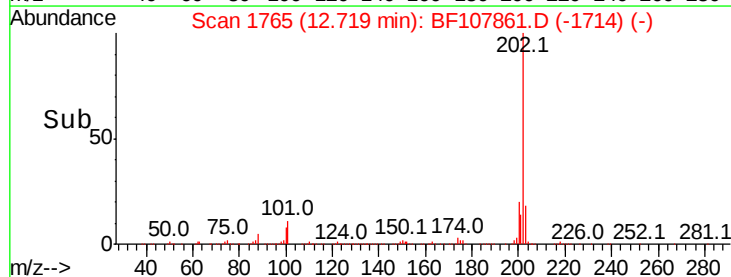
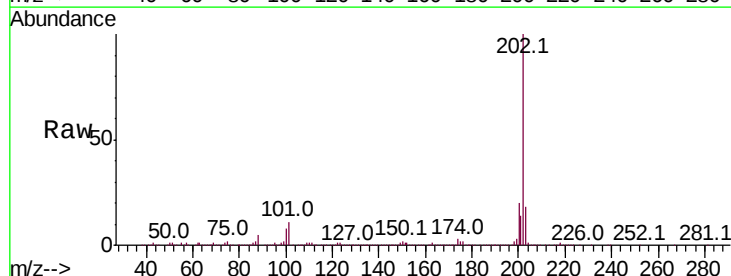
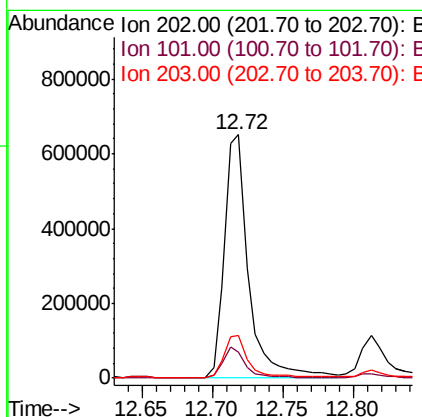
Manual Integrations
 APPROVED

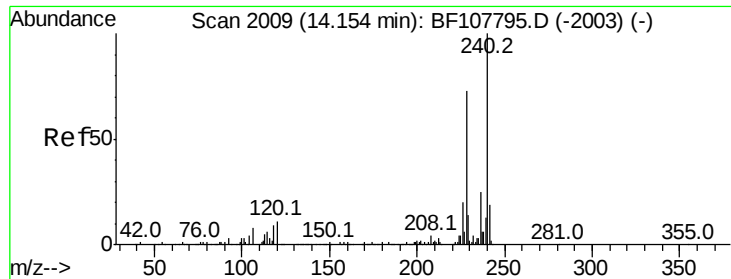
Sohil
 8/1/2018 3:57:20 PM



#74
 Fluoranthene
 Concen: 24.270 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF107861.D
 Acq: 31 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	17.6	0.0	38.1





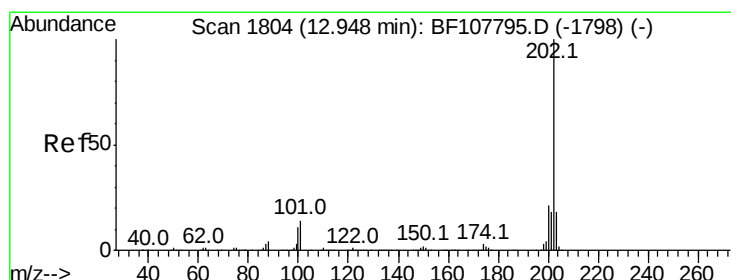
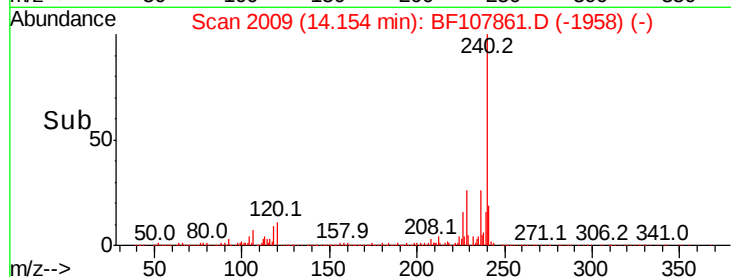
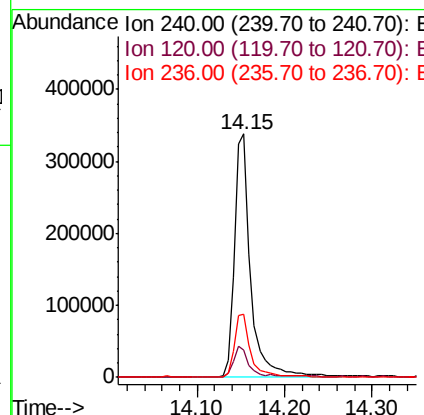
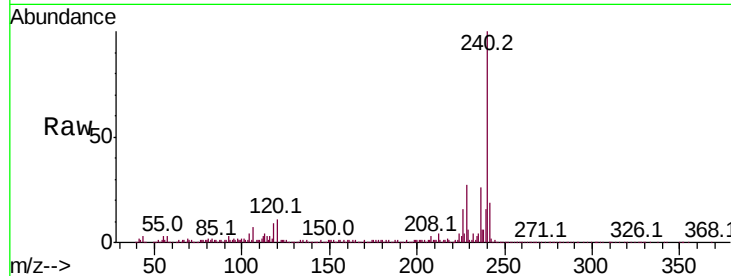
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.8	20.7	31.1

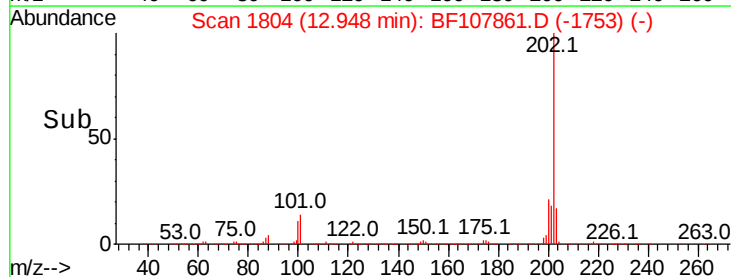
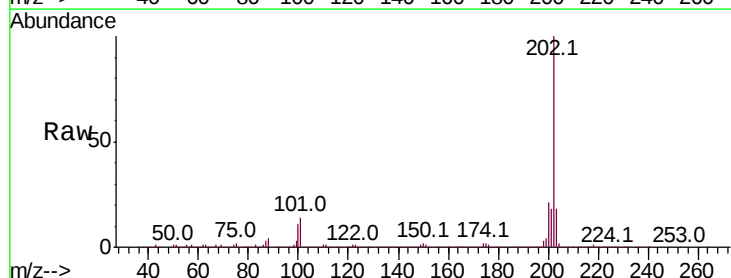
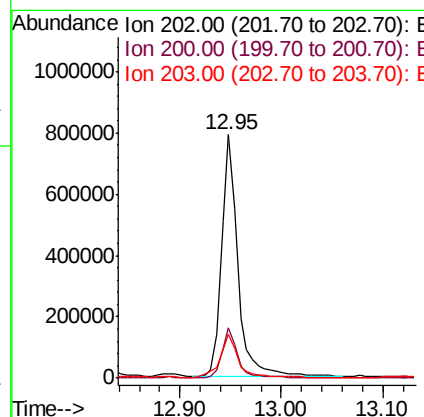
Manual Integrations
APPROVED

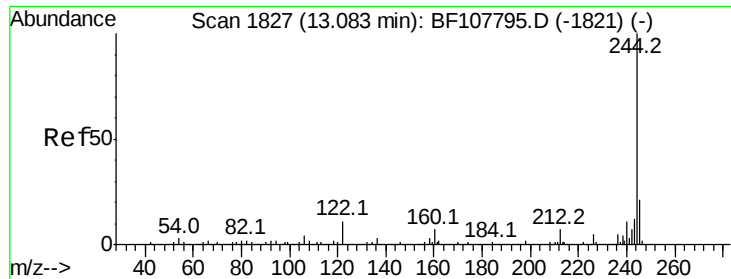
Sohil
8/1/2018 3:57:20 PM



#77
Pyrene
Concen: 28.458 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 61.408 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

Tot Ion:244 Resp: 1218700

Ion Ratio Lower Upper

244 100

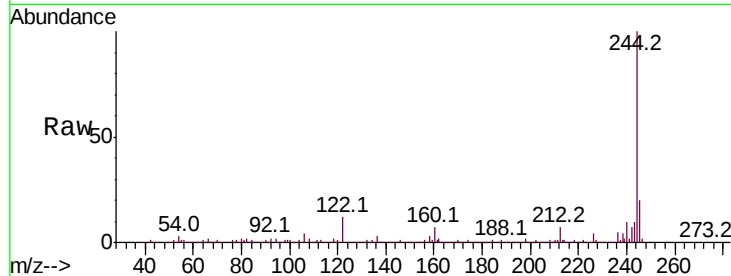
212 6.7 5.4 8.0

122 12.3 11.0 16.4

Manual Integrations
APPROVED

Sohil

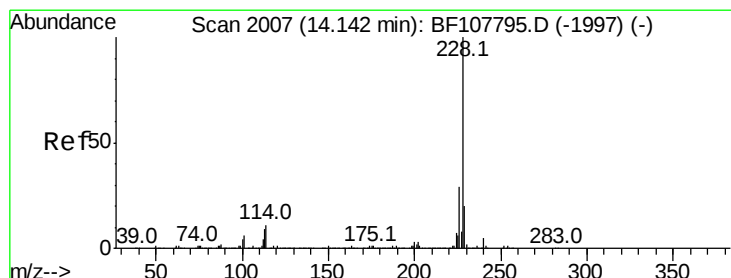
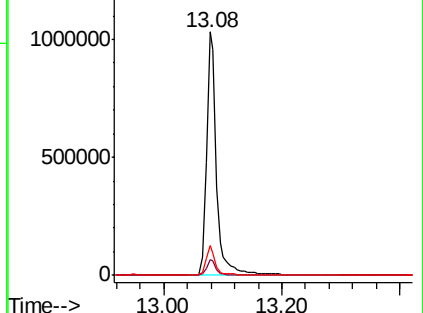
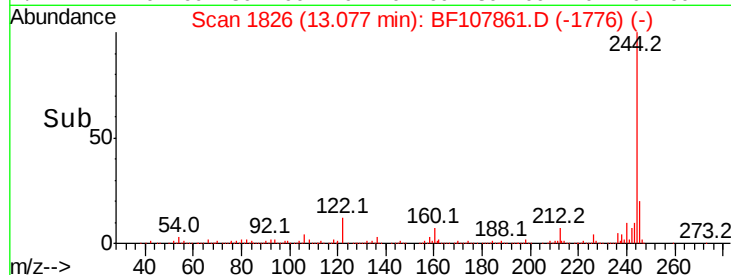
8/1/2018 3:57:20 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 13.265 ng m

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

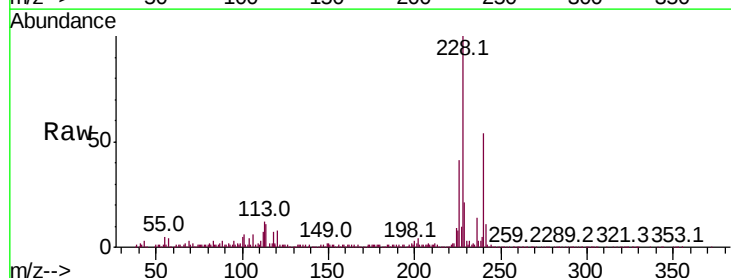
Tgt Ion:228 Resp: 323375

Ion Ratio Lower Upper

228 100

226 40.6 22.6 33.8#

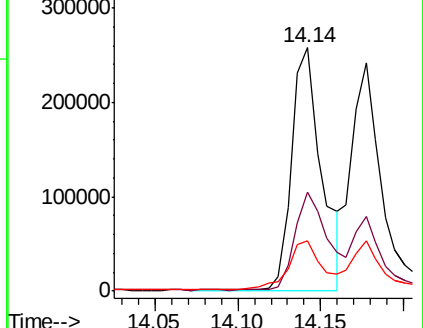
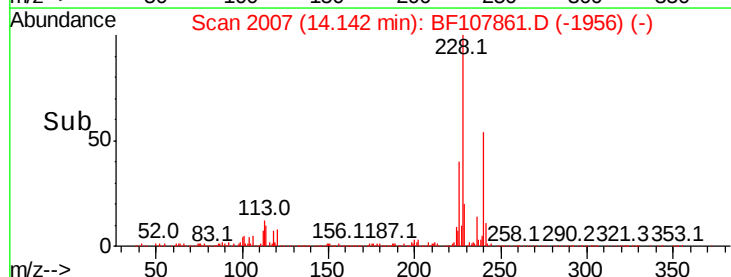
229 20.7 15.8 23.6

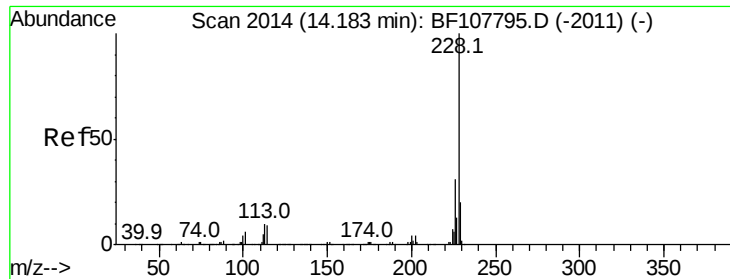


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 12.042 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Instrument :

BNA_F

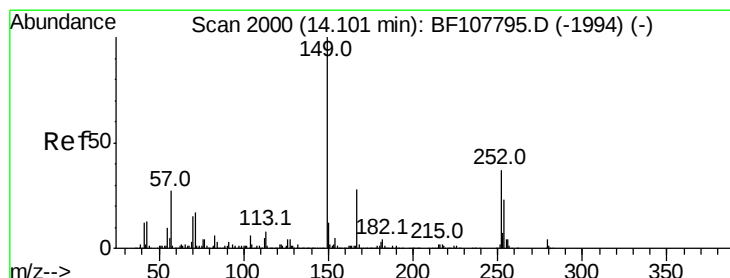
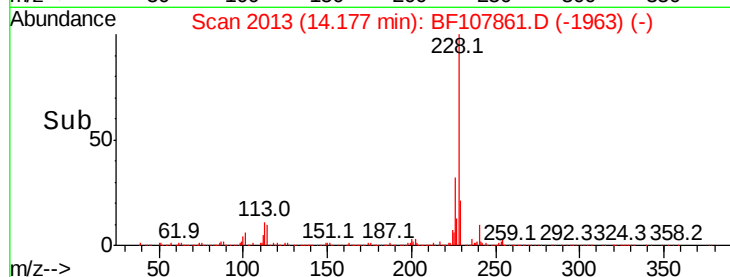
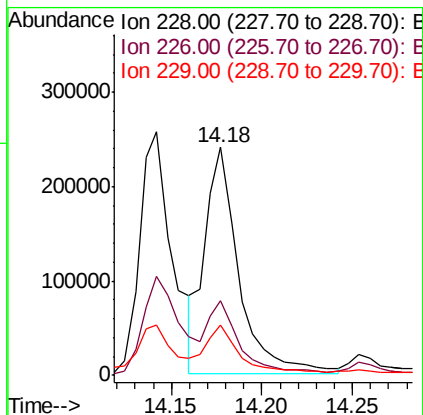
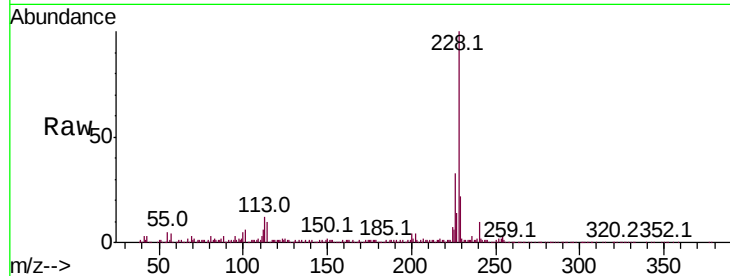
ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

Tot Ion:	228	Resp:	316626
Ion Ratio	Lower	Upper	
228	100		
226	32.9	25.0	37.6
229	21.8	16.2	24.4

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:20 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 29.135 ng

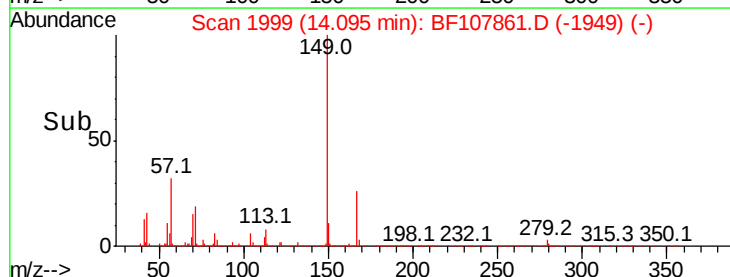
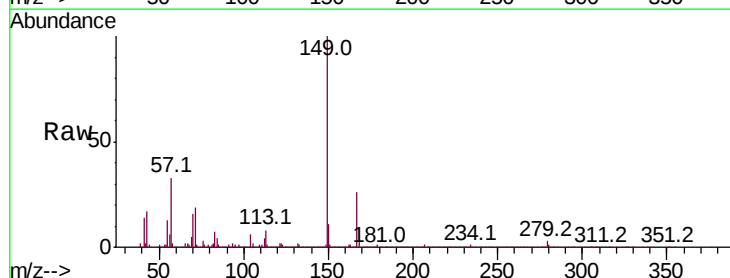
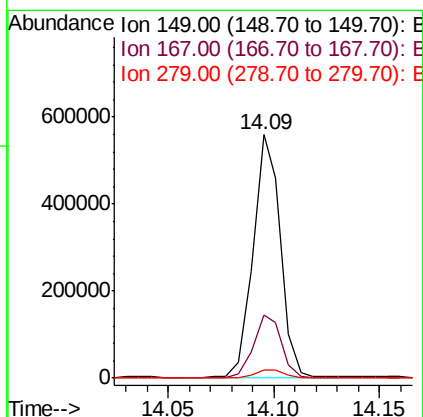
RT: 14.09 min Scan# 1999

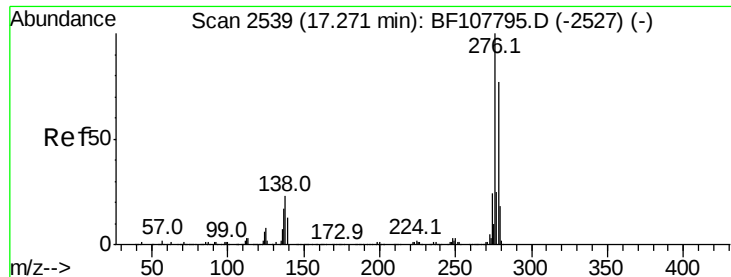
Delta R.T. -0.01 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Tgt Ion:	149	Resp:	497035
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.2	3.0	4.4





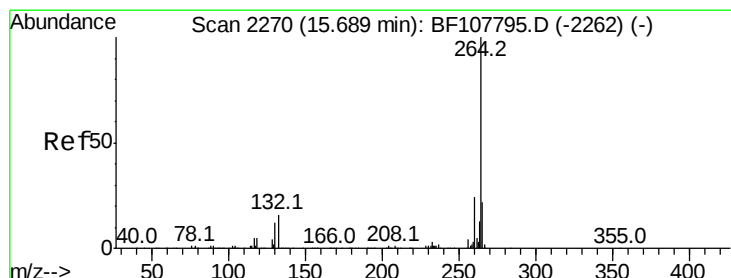
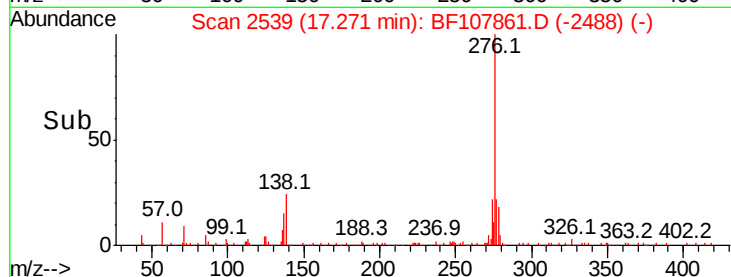
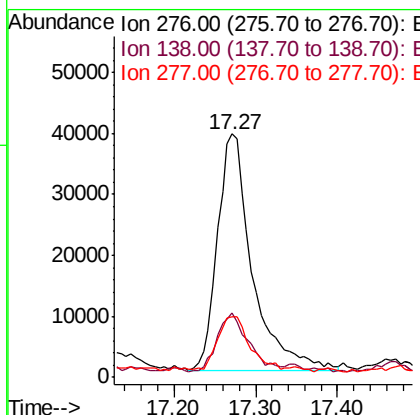
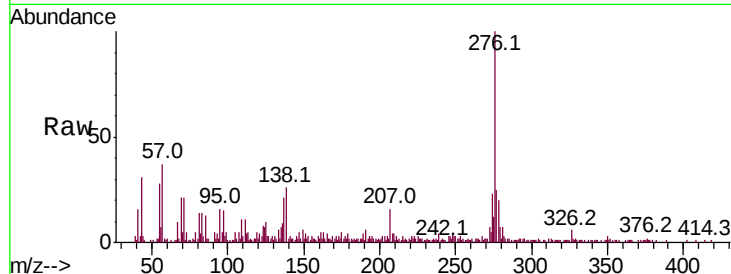
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.718 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	20.4	20.1	30.1

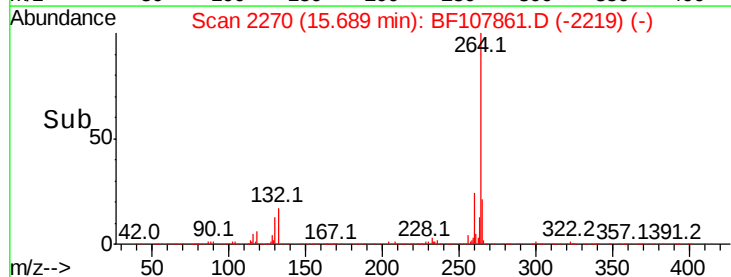
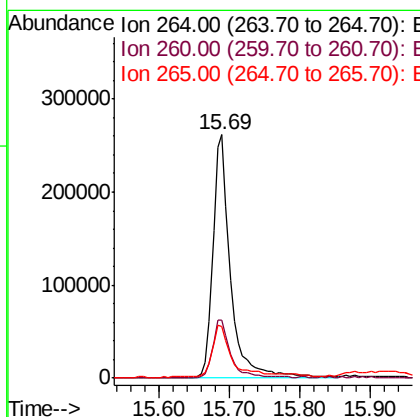
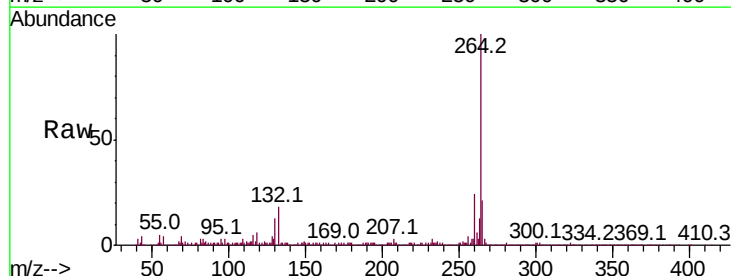
Manual Integrations
APPROVED

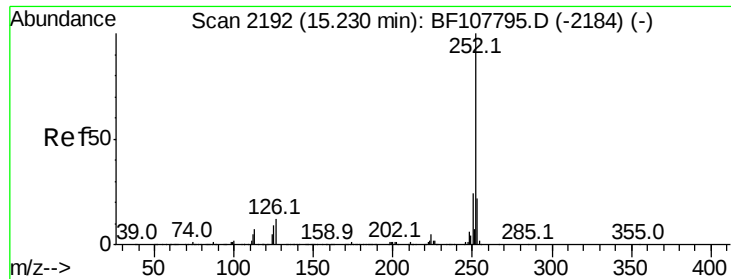
Sohil
8/1/2018 3:57:20 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 12.600 ng m

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Instrument :

BNA_F

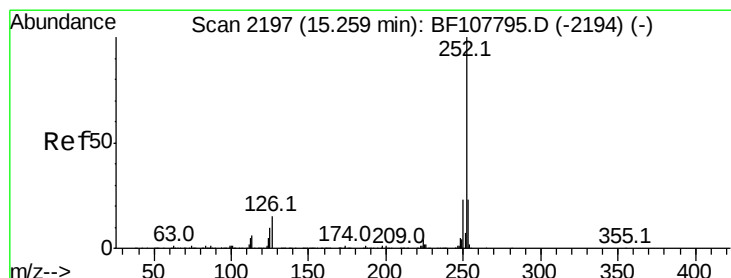
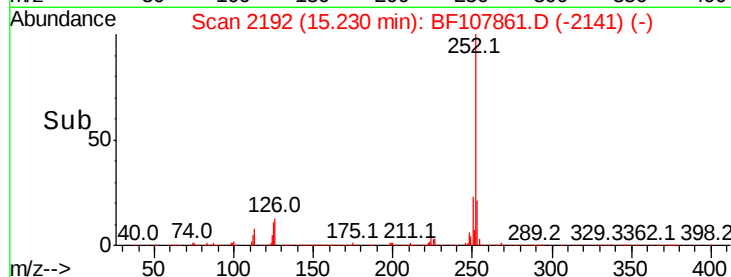
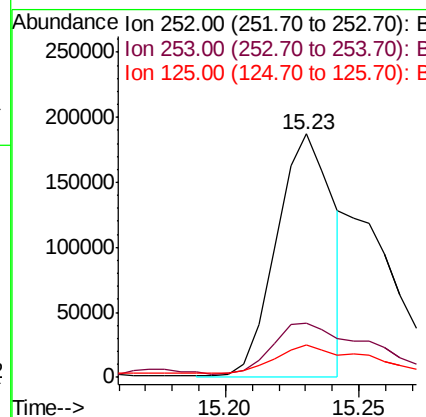
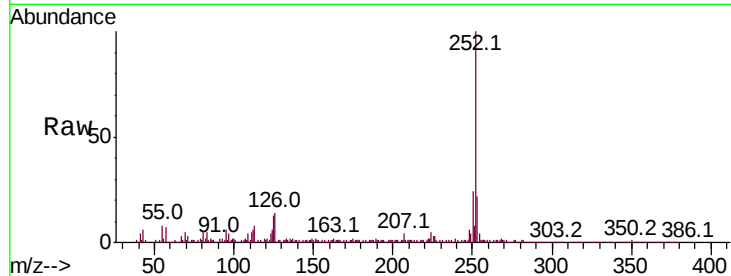
ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

Tot Ion:	252	Resp:	279219
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	13.3	9.0	13.6

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:20 PM



#88

Benzo(k)fluoranthene

Concen: 6.869 ng m

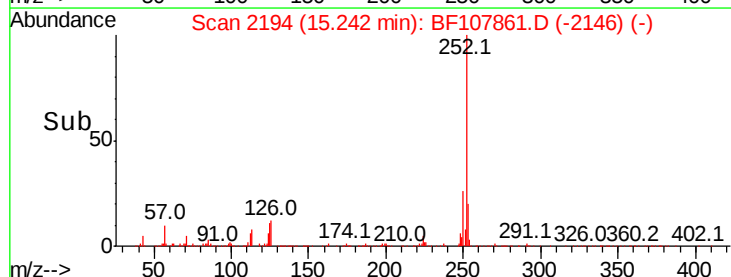
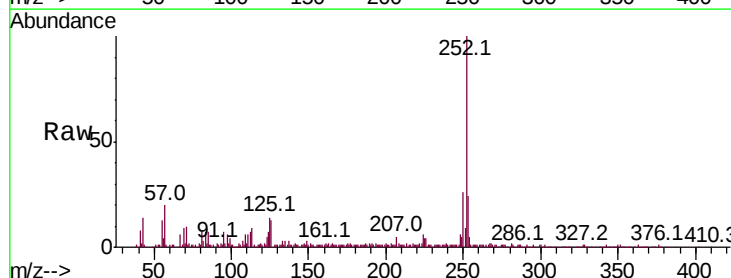
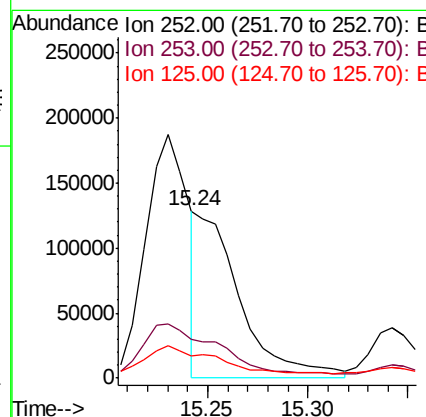
RT: 15.24 min Scan# 2194

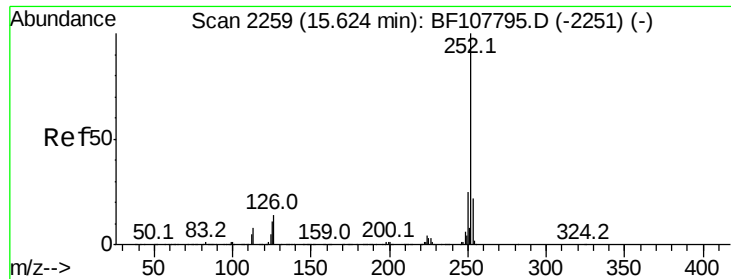
Delta R.T. -0.02 min

Lab File: BF107861.D

Acq: 31 Jul 2018 20:34

Tgt Ion:	252	Resp:	186871
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	13.5	10.2	15.2





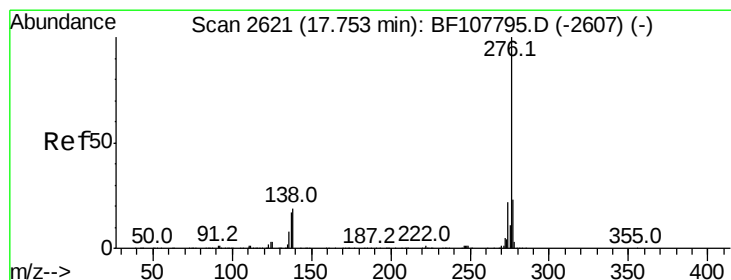
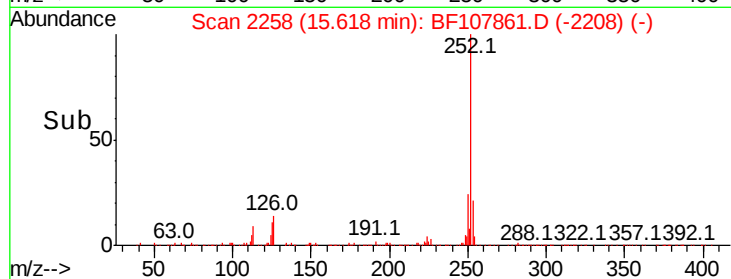
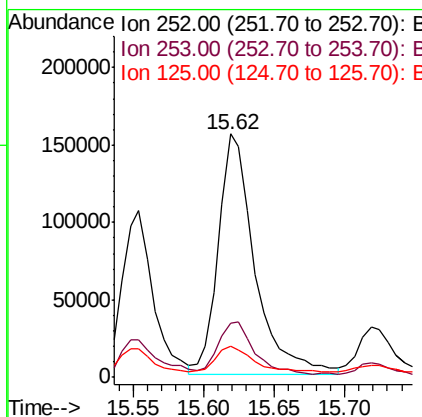
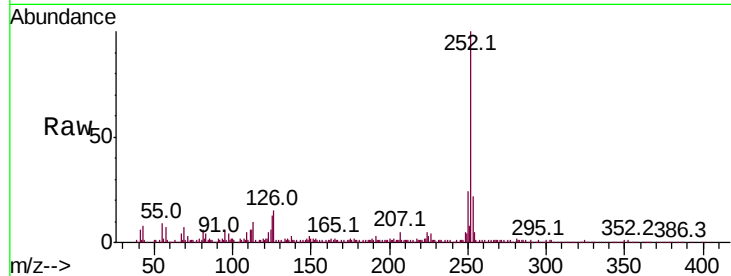
#89
Benzo(a)pyrene
Concen: 12.299 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.9	9.8	14.6

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:20 PM



#91
Benzo(g,h,i)perylene
Concen: 5.321 ng
RT: 17.75 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BF107861.D
Acq: 31 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	24.3	21.8	32.8

