

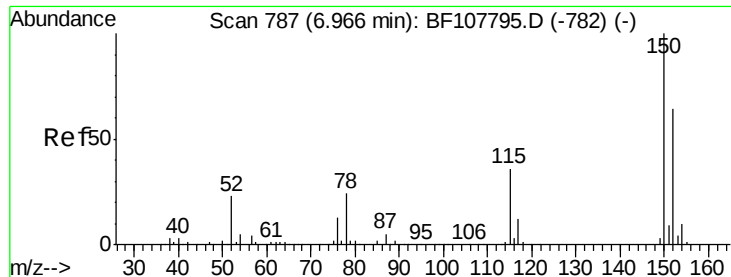
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
 Data File : BF107862.D
 Acq On : 31 Jul 2018 21:00
 Operator : JU/SJ
 Sample : J4231-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-4

Quant Time: Aug 01 00:59:18 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	176843	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	757530	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	325353	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	585975	20.00	ng	0.00
75) Chrysene-d12	14.15	240	452108	20.00	ng	0.00
86) Perylene-d12	15.68	264	476757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1021603	98.18	ng	0.00
7) Phenol-d6	6.60	99	1258950	91.80	ng	0.00
23) Nitrobenzene-d5	7.52	82	821021	62.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	356908	80.73	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1610603	68.98	ng	0.00
78) Terphenyl-d14	13.08	244	1260074	60.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.83	88	270	5.842	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	98535	11.327	ng	# 81
25) Isophorone	7.52	82	821021	38.038	ng	# 64
49) Dimethylphthalate	9.71	163	153512	6.283	ng	# 98
55) 4-Nitrophenol	10.22	139	257	9.385	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	40741	5.837	ng	# 23
74) Fluoranthene	12.71	202	92890	2.842	ng	# 97
77) Pyrene	12.95	202	86020	2.642	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.09	149	92035	5.135	ng	# 98
87) Benzo(b)fluoranthene	15.22	252	78057	3.320	ng	# 90
88) Benzo(k)fluoranthene	15.22	252	78057	2.704	ng	# 93

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

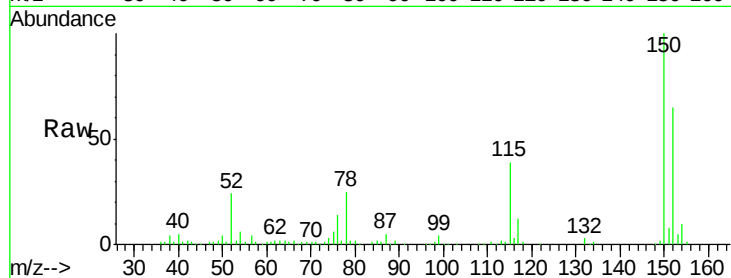


#1

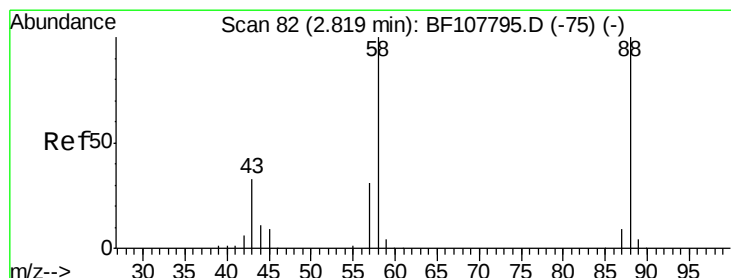
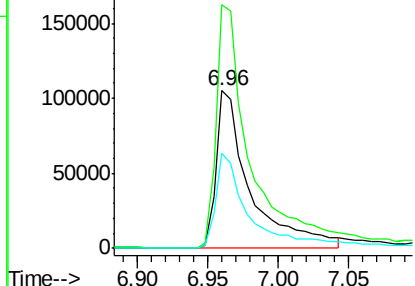
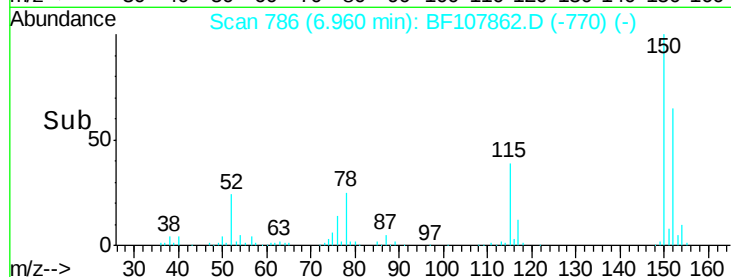
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tgt Ion:152 Resp: 176843
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 60.5 50.1 75.1



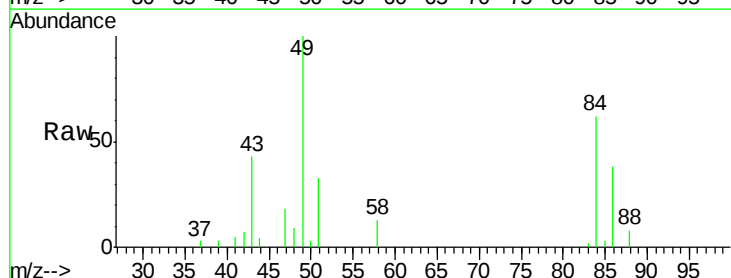
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



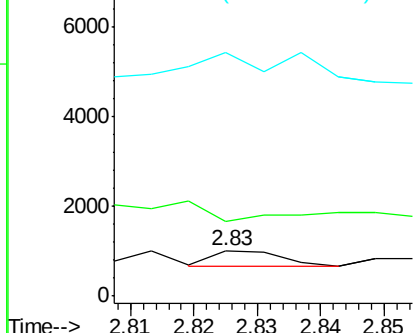
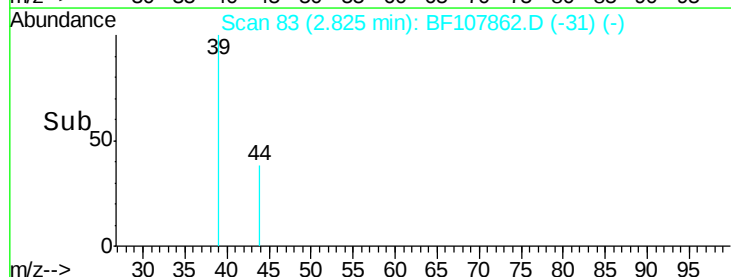
#2

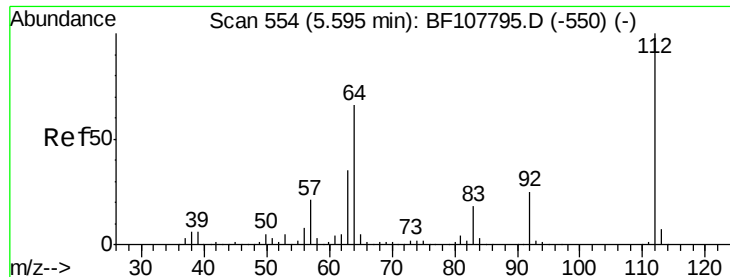
1,4-Dioxane
Concen: 5.842 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 298.9 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

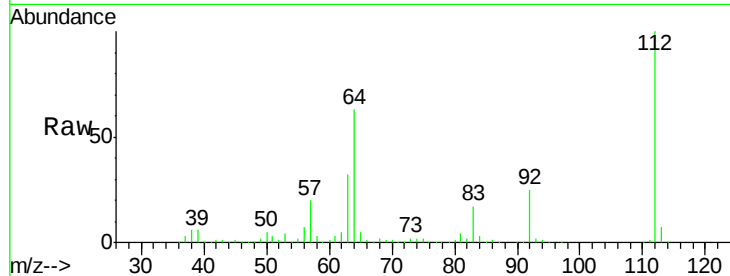




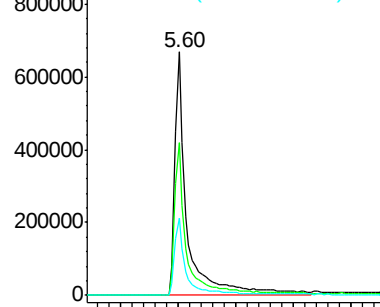
#5
2-Fluorophenol
Concen: 98.181 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

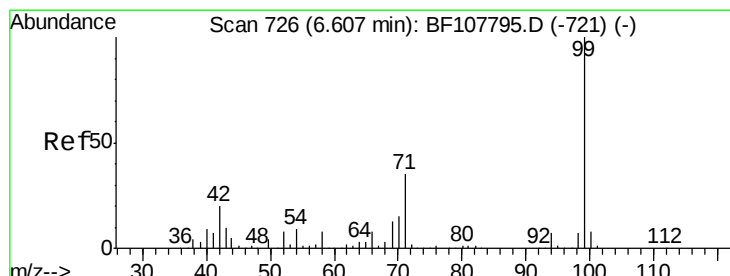
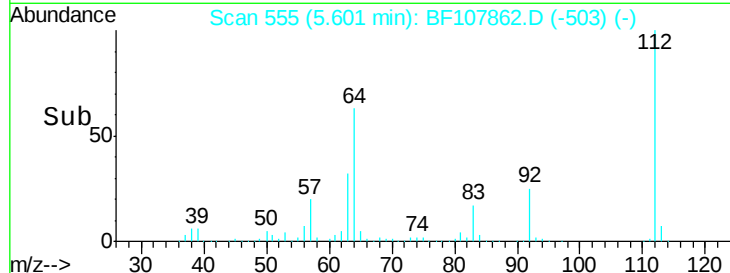
Tgt Ion: 112 Resp: 1021603
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

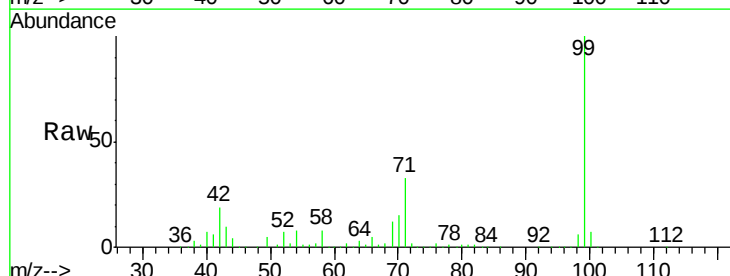


Time-->

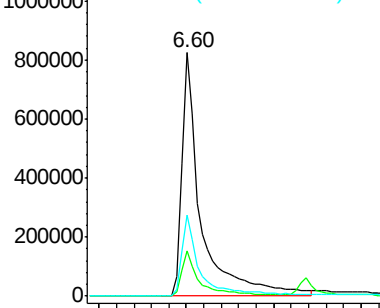


#7
Phenol-d6
Concen: 91.803 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

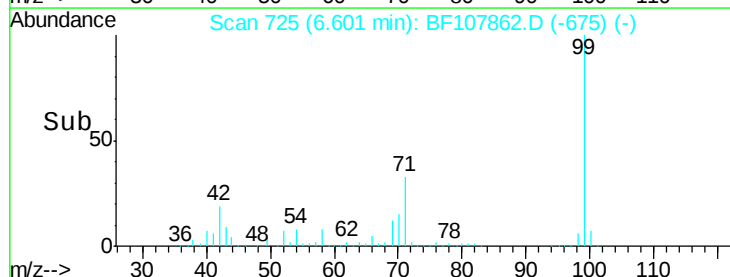
Tgt Ion: 99 Resp: 1258950
Ion Ratio Lower Upper
99 100
42 18.7 14.5 21.7
71 33.2 25.4 38.0

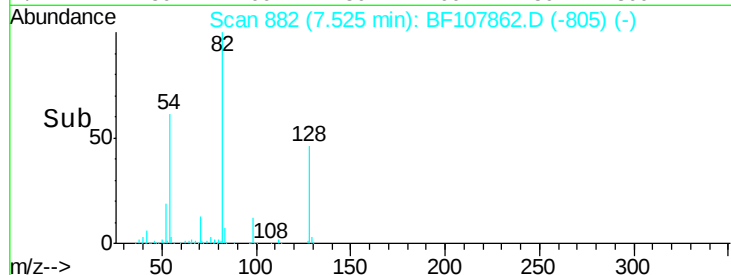
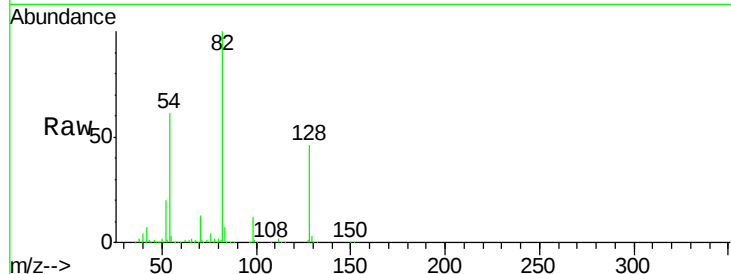
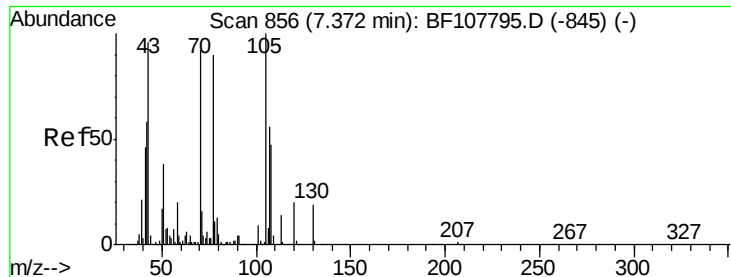


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->

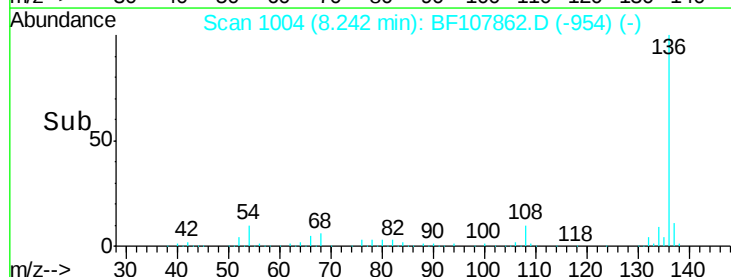
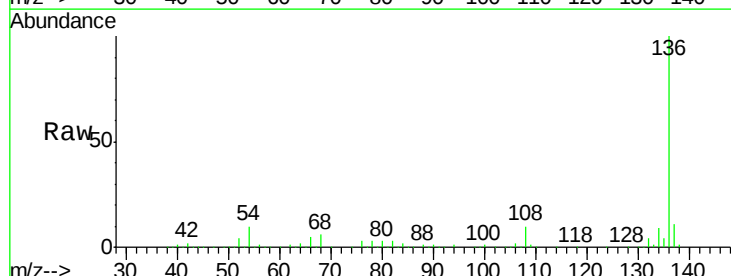
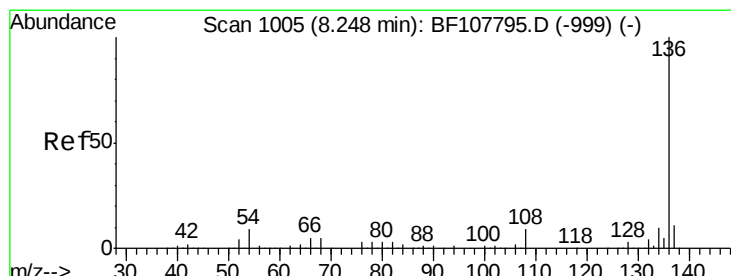
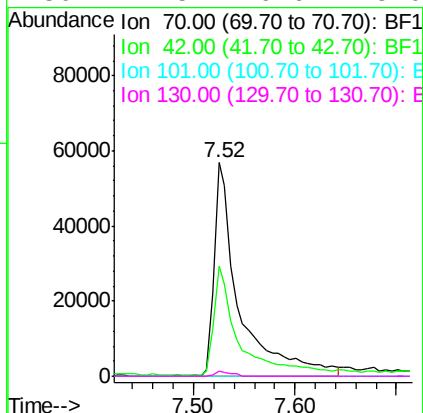




#19
n-Nitroso-di-n-propylamine
Concen: 11.327 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

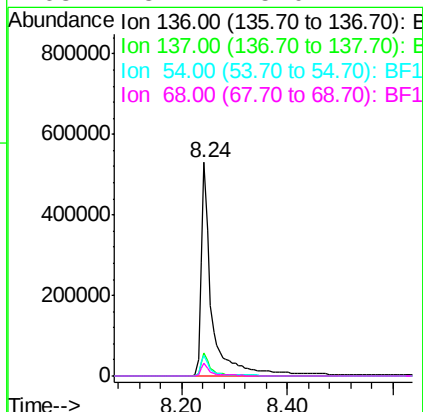
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

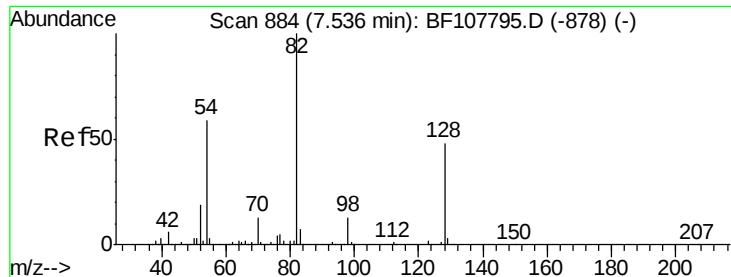
Tgt Ion: 70 Resp: 98535
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

Tgt Ion: 136 Resp: 757530
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.8 6.6 9.8
68 5.7 5.0 7.4

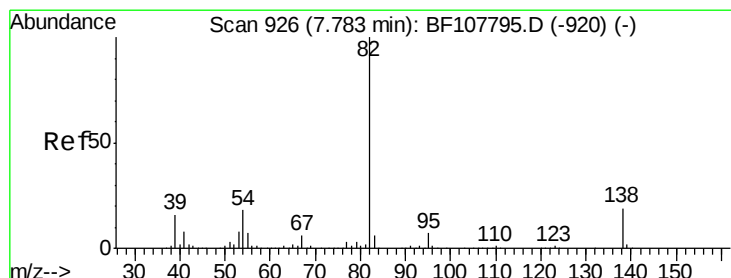
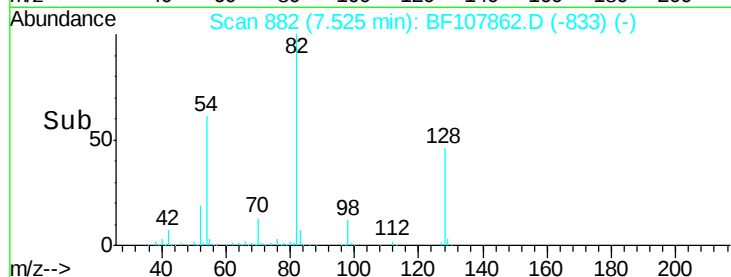
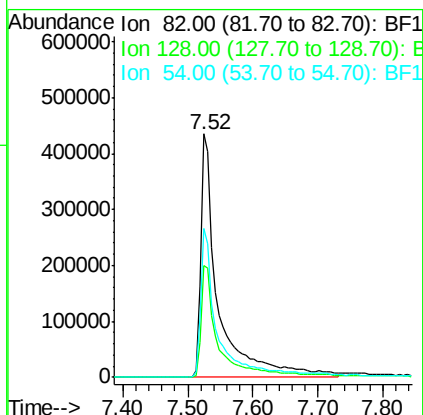
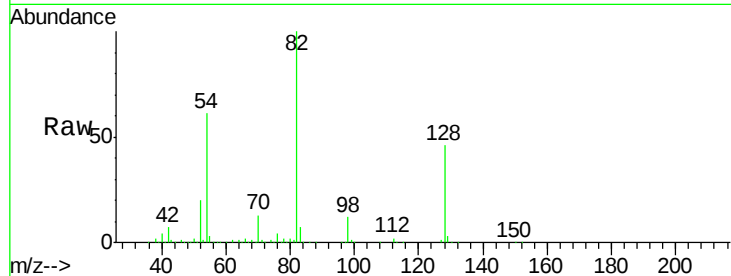




#23
 Nitrobenzene-d5
 Concen: 62.439 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107862.D
 Acq: 31 Jul 2018 21:00

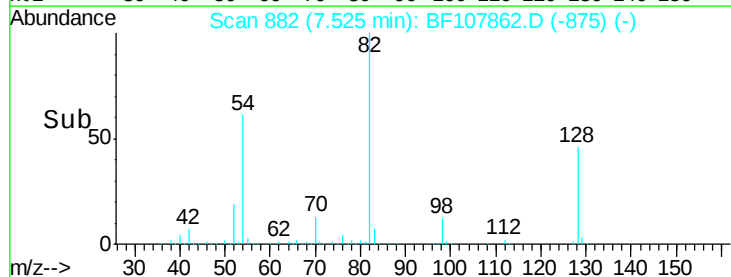
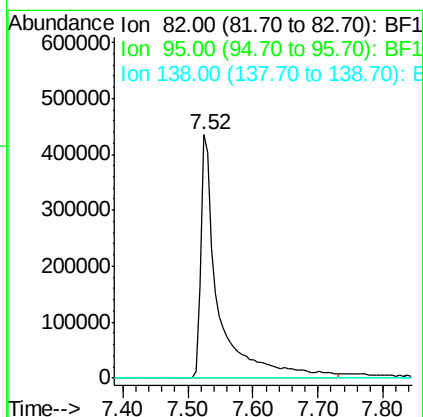
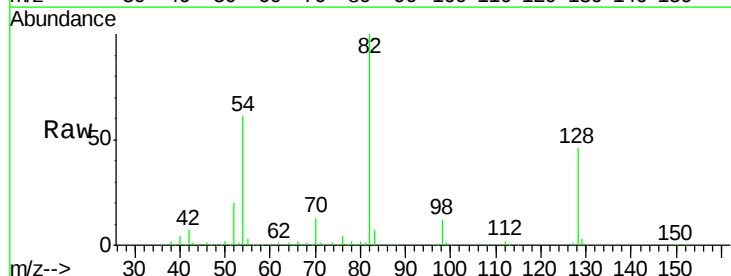
Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-4

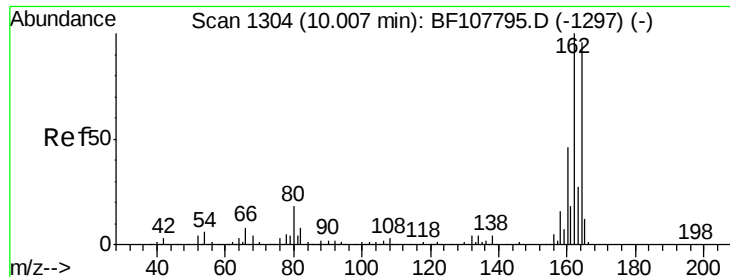
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	61.0	41.4	62.2



#25
 Isophorone
 Concen: 38.038 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF107862.D
 Acq: 31 Jul 2018 21:00

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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107862.D

Acq: 31 Jul 2018 21:00

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

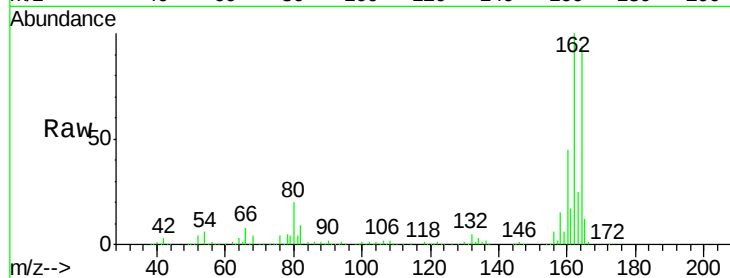
Tgt Ion:164 Resp: 325353

Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

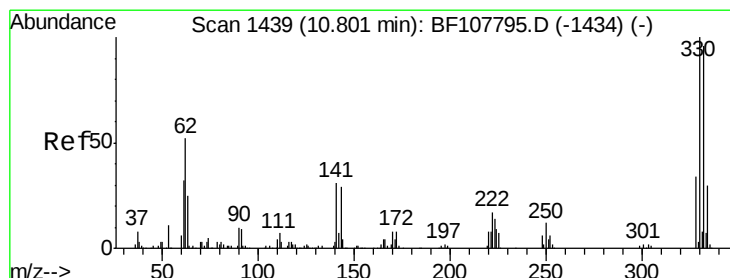
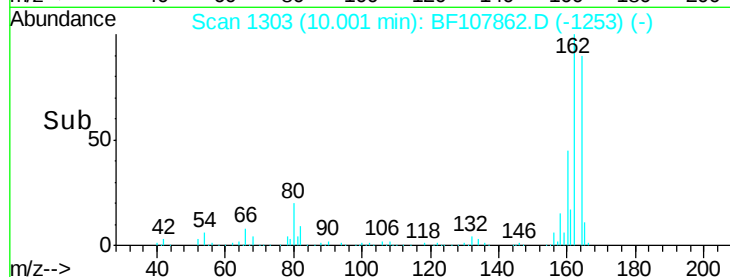
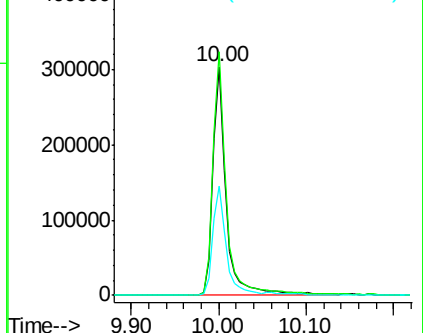
160 47.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 80.732 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107862.D

Acq: 31 Jul 2018 21:00

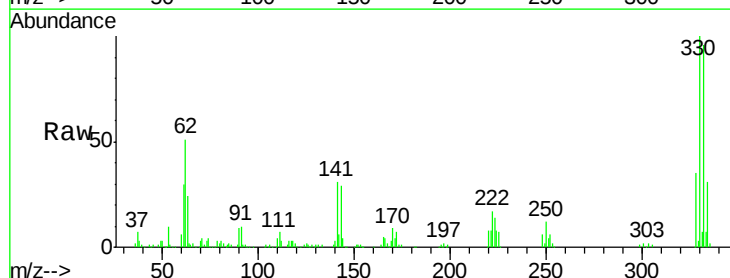
Tgt Ion:330 Resp: 356908

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

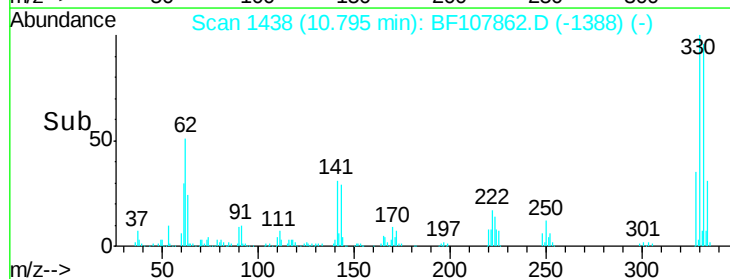
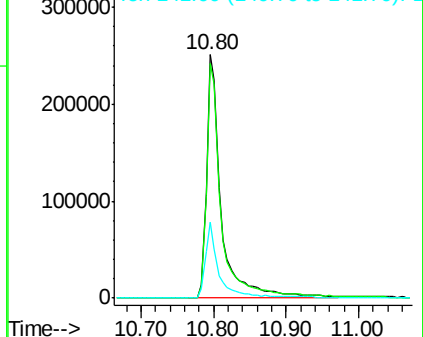
141 28.2 29.9 44.9#

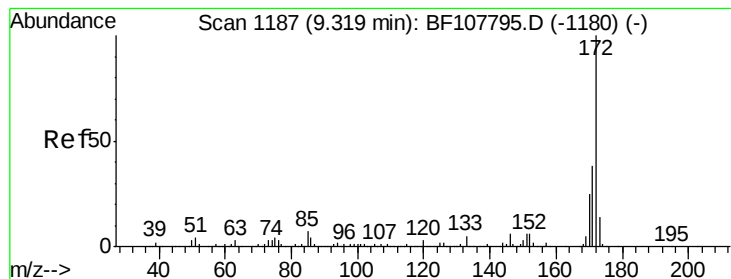


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 68.982 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107862.D

Acq: 31 Jul 2018 21:00

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

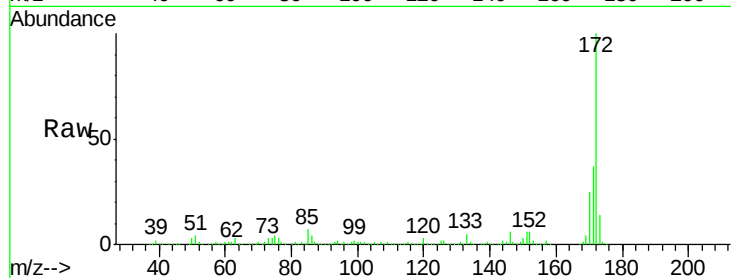
Tgt Ion:172 Resp: 1610603

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

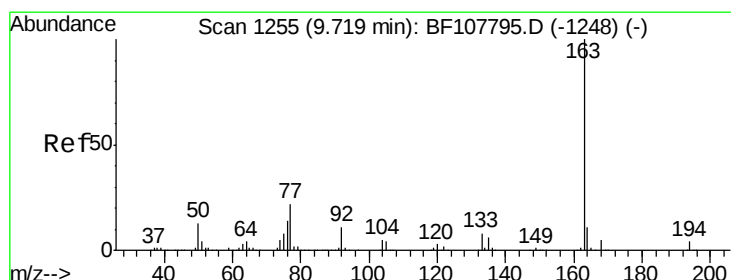
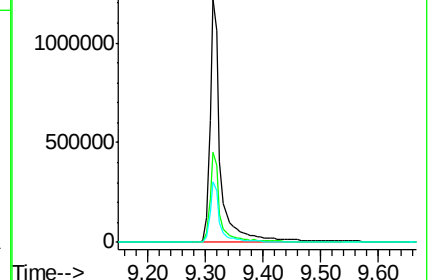
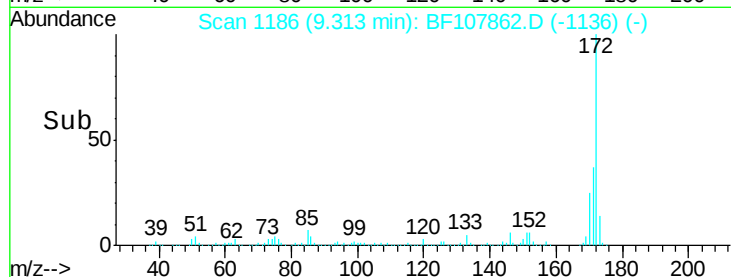
170 24.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 6.283 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107862.D

Acq: 31 Jul 2018 21:00

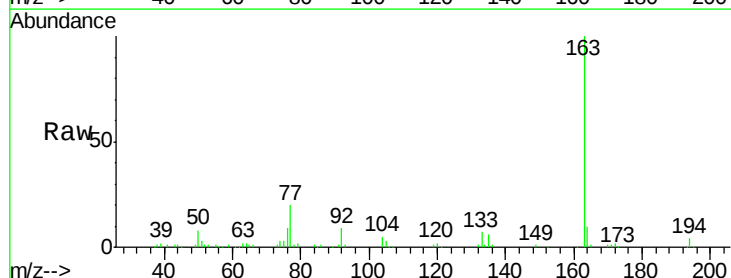
Tgt Ion:163 Resp: 153512

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

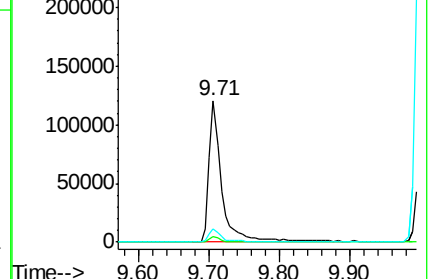
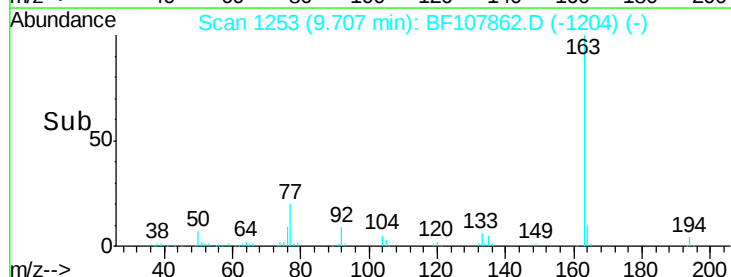
164 9.6 8.2 12.2

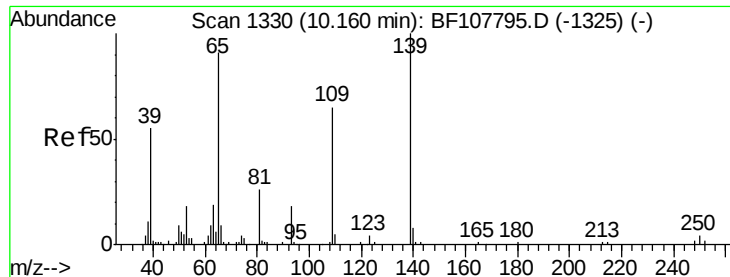


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

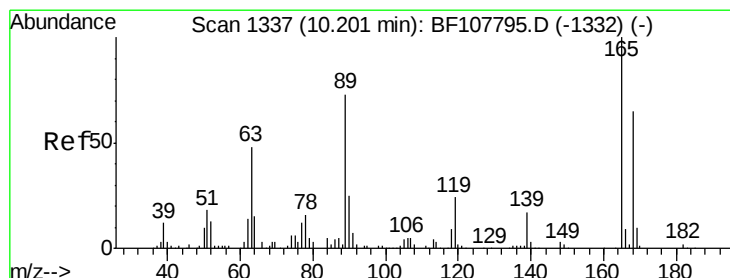
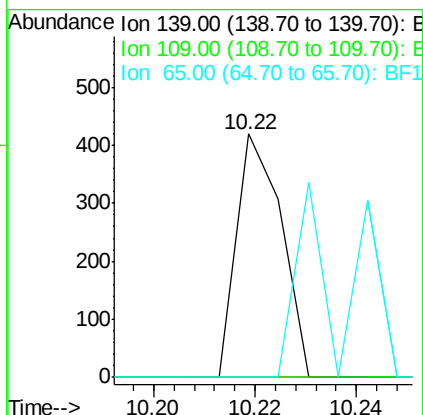
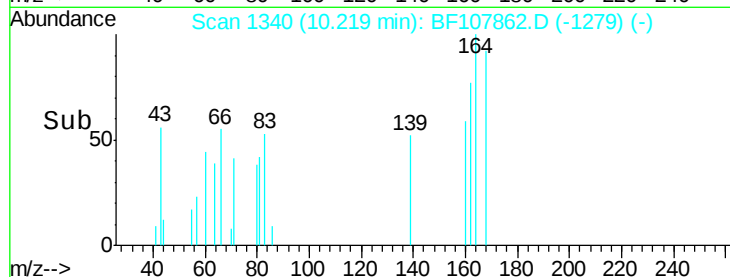
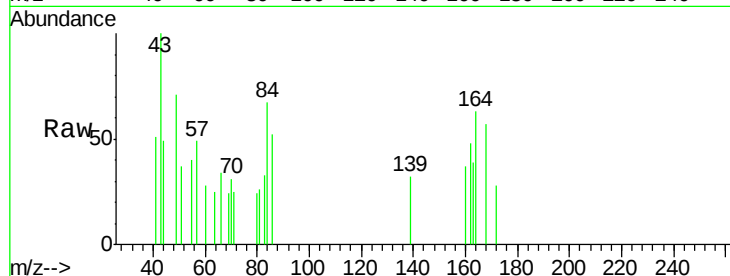




#55
4-Nitrophenol
Concen: 9.385 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

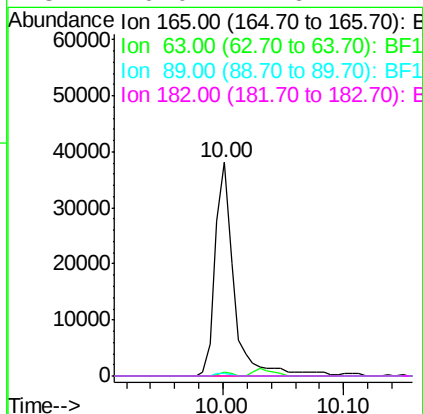
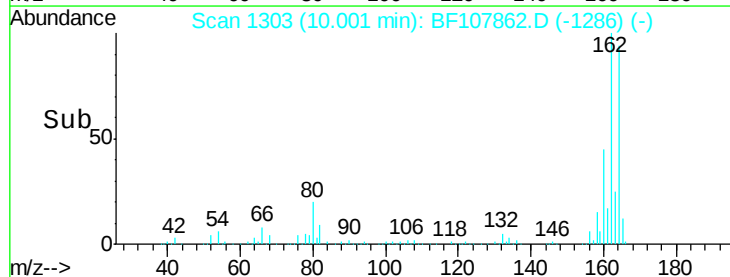
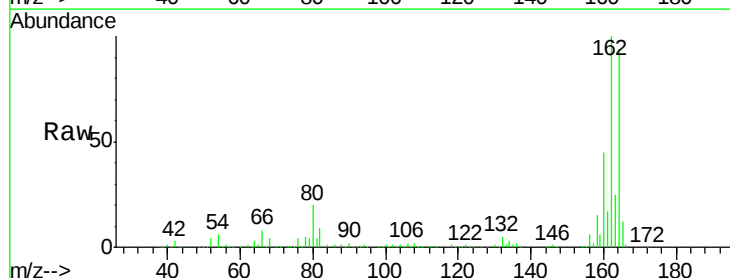
Instrument :
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2018-NYSEG-CLARK-AREA-14-4

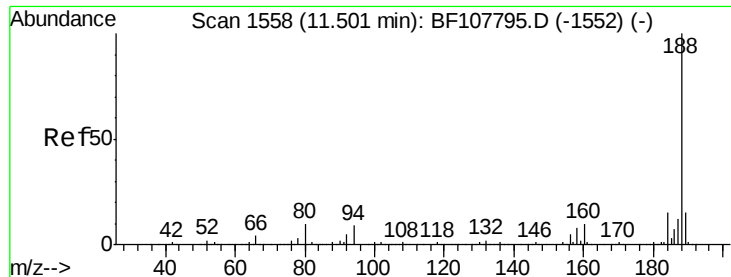
Tgt Ion:139 Resp: 257
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 5.837 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

Tgt Ion:165 Resp: 40741
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107862.D

Acq: 31 Jul 2018 21:00

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

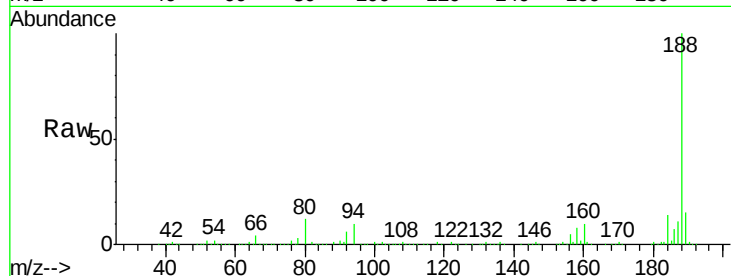
Tgt Ion:188 Resp: 585975

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

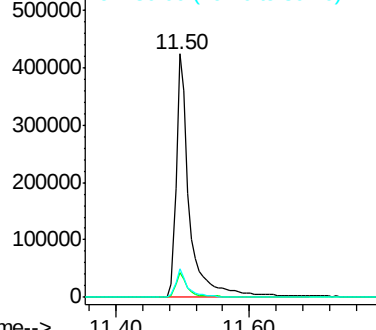
80 11.5 9.2 13.8



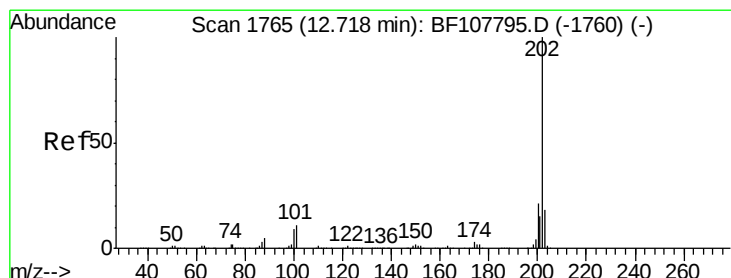
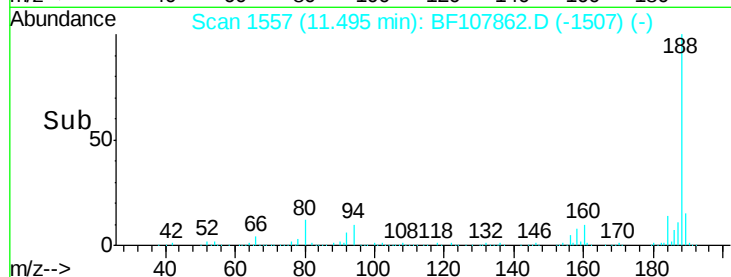
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.40 11.60



#74

Fluoranthene

Concen: 2.842 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107862.D

Acq: 31 Jul 2018 21:00

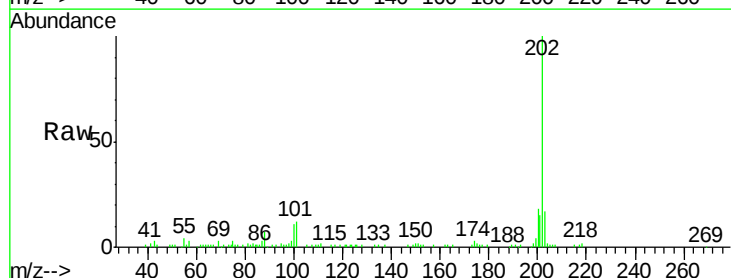
Tgt Ion:202 Resp: 92890

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

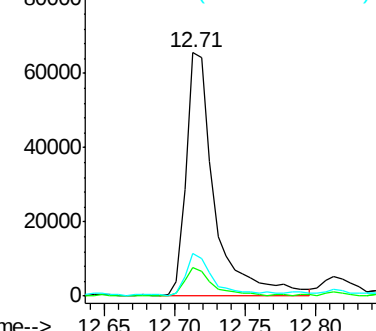
203 17.5 0.0 38.1



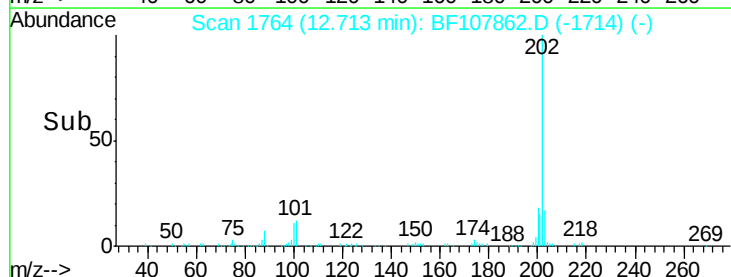
Abundance Ion 202.00 (201.70 to 202.70): E

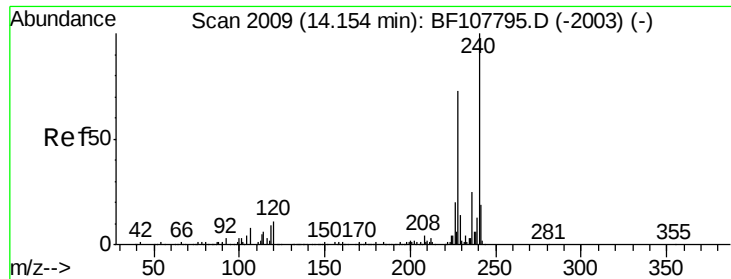
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.65 12.70 12.75 12.80





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107862.D

Acq: 31 Jul 2018 21:00

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

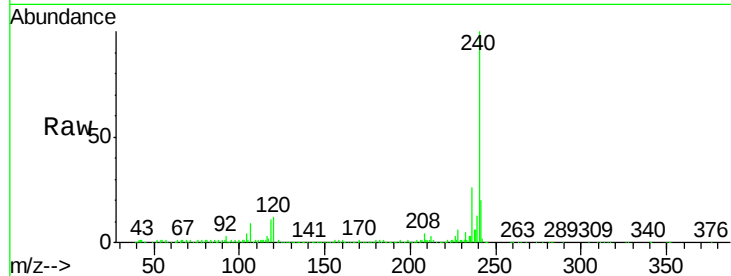
Tgt Ion:240 Resp: 452108

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

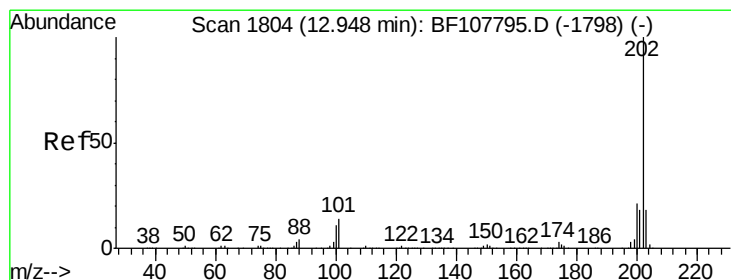
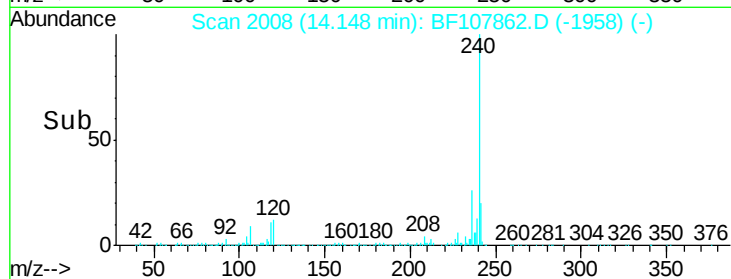
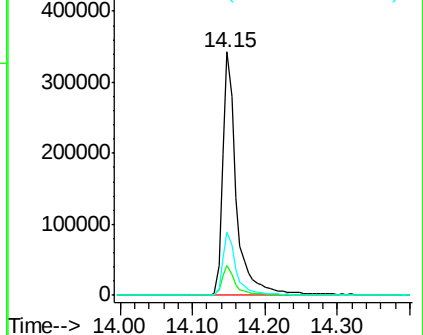
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.642 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107862.D

Acq: 31 Jul 2018 21:00

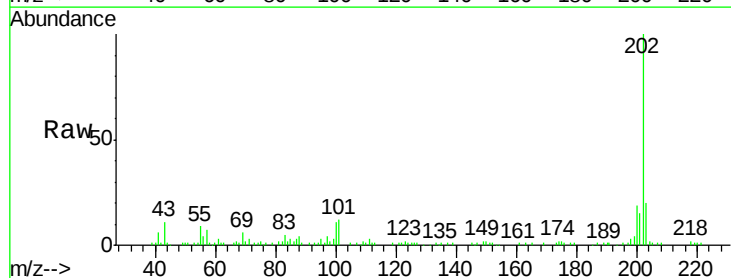
Tgt Ion:202 Resp: 86020

Ion Ratio Lower Upper

202 100

200 19.5 17.4 26.2

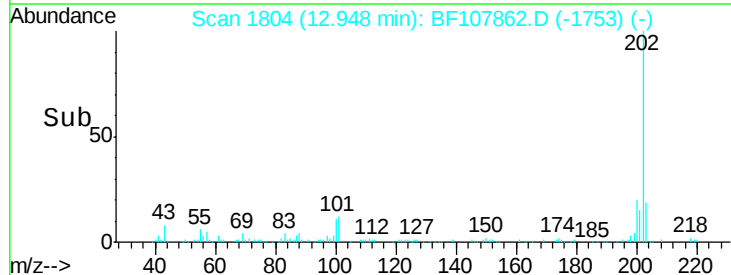
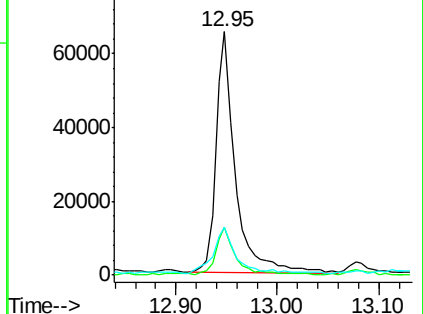
203 19.7 14.3 21.5

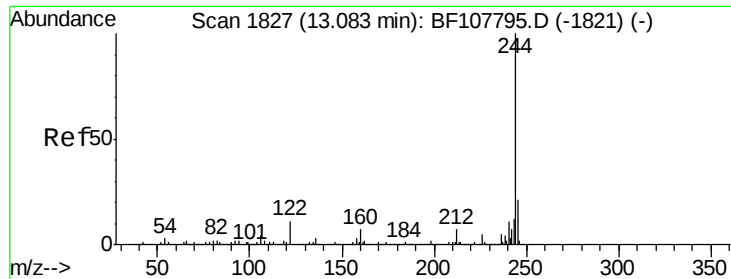


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

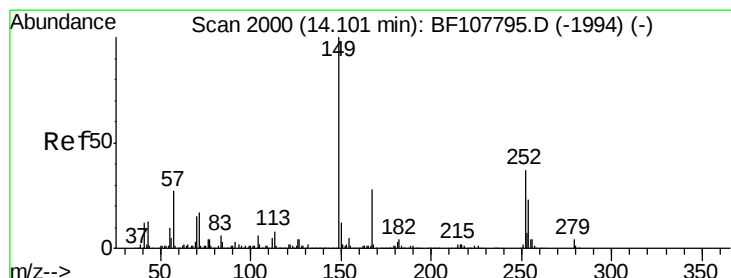
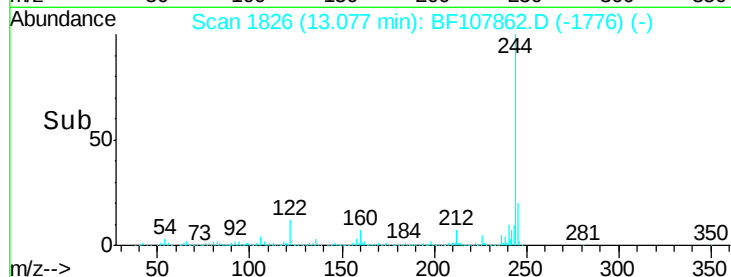
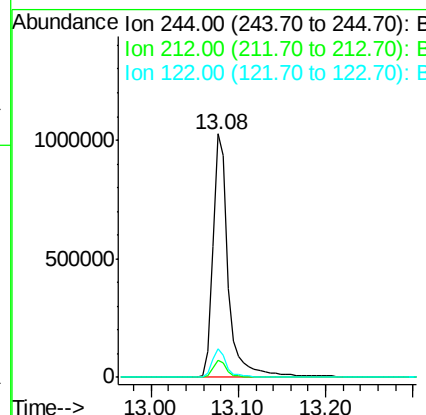
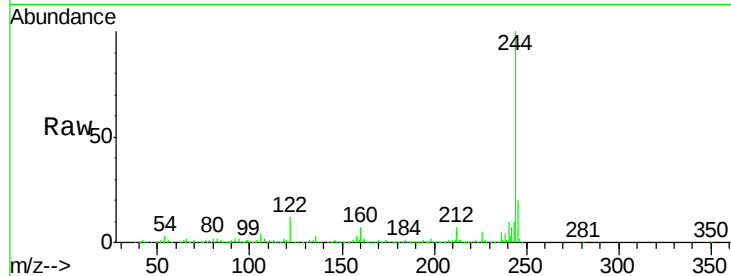




#78
 Terphenyl-d14
 Concen: 60.437 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107862.D
 Acq: 31 Jul 2018 21:00

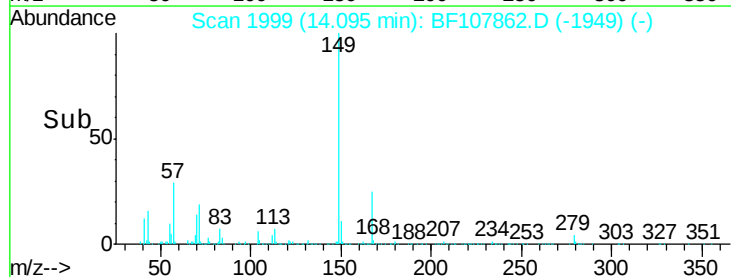
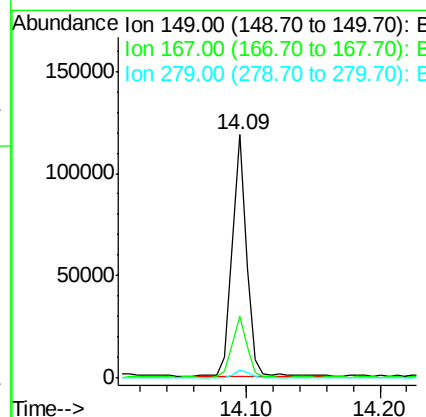
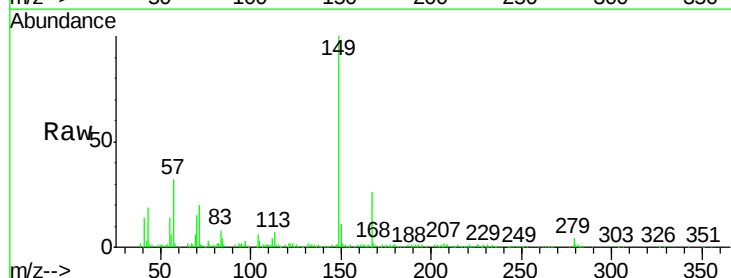
Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-4

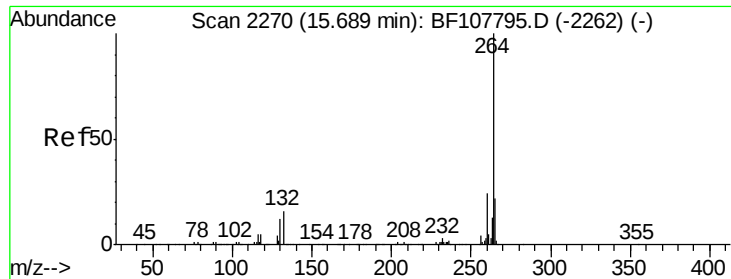
Tgt Ion:244 Resp: 1260074
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.135 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107862.D
 Acq: 31 Jul 2018 21:00

Tgt Ion:149 Resp: 92035
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 3.5 3.0 4.4

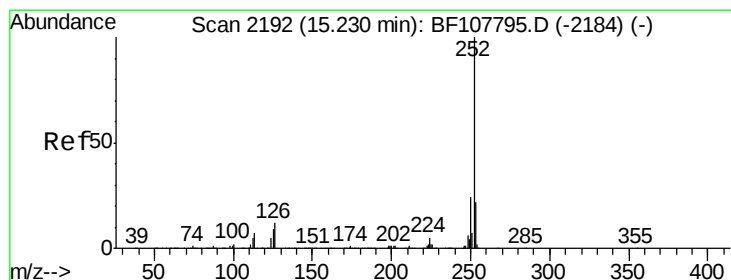
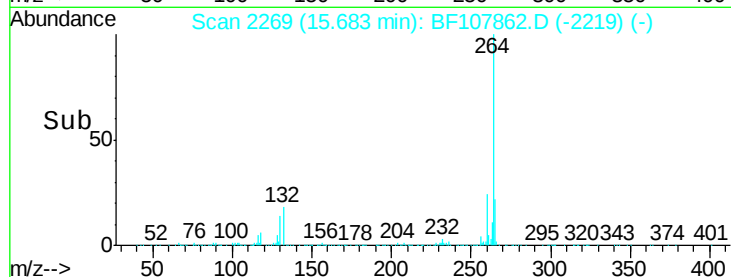
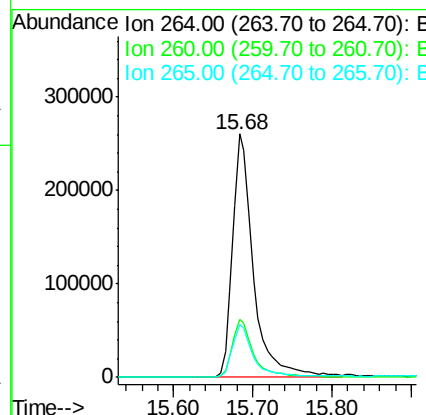
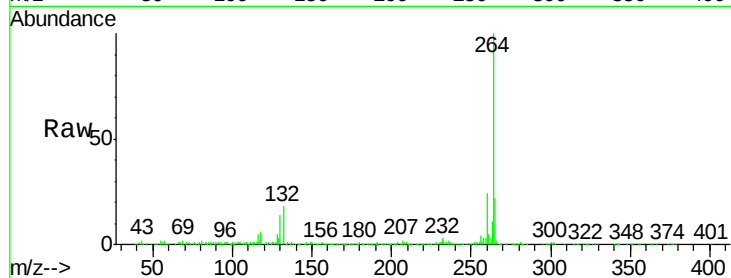




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

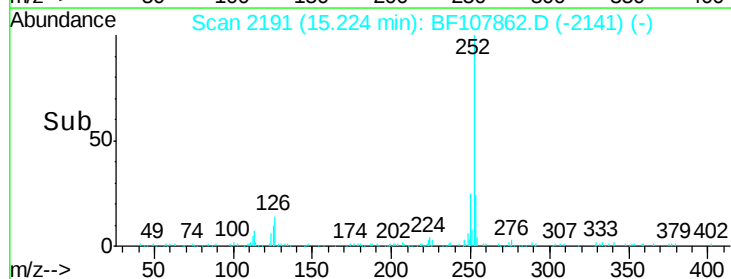
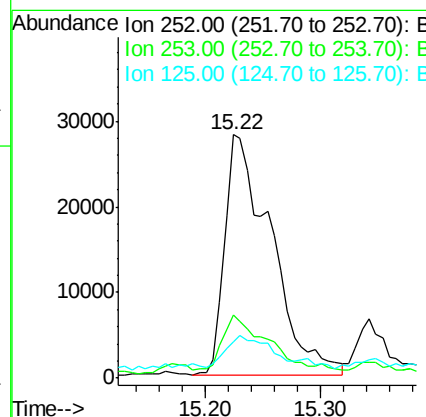
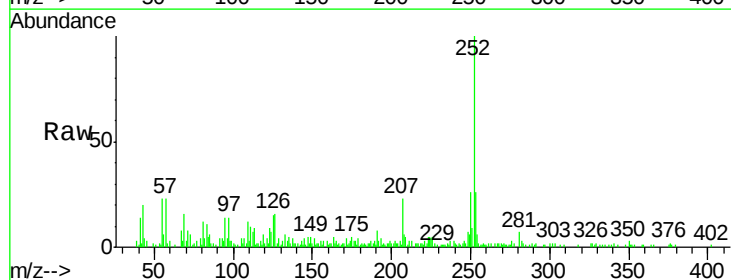
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

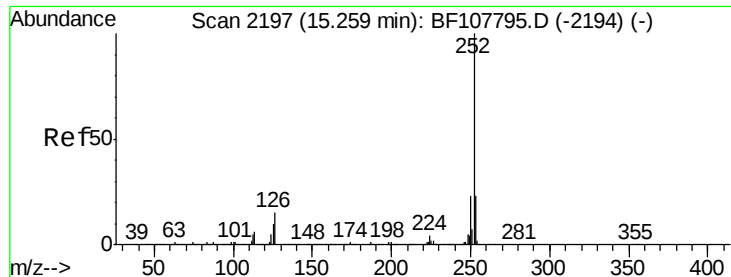
Tgt Ion:264 Resp: 476757
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 3.320 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107862.D
Acq: 31 Jul 2018 21:00

Tgt Ion:252 Resp: 78057
Ion Ratio Lower Upper
252 100
253 25.8 17.0 25.6#
125 15.1 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.704 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF107862.D

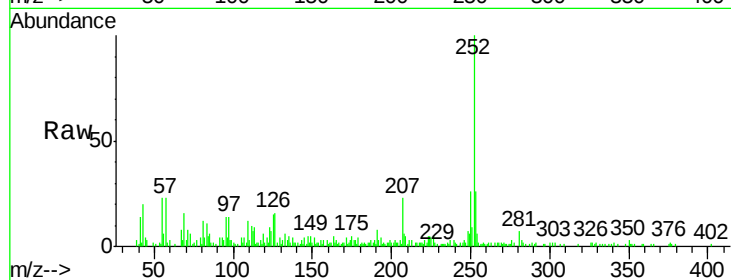
Acq: 31 Jul 2018 21:00

Instrument :

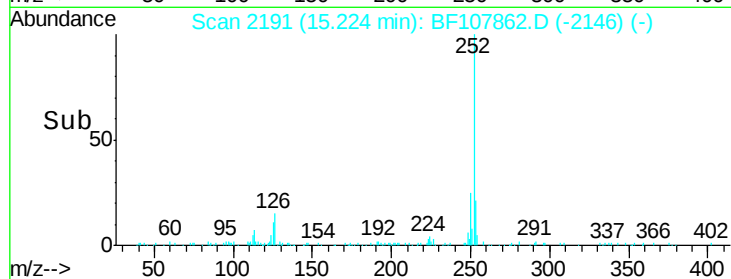
BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4



Tgt Ion:	252	Resp:	78057
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	15.1	10.2	15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

