

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107381.D
 Acq On : 13 Jul 2018 22:21
 Operator : JU/SJ
 Sample : J3948-05DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

Quant Time: Jul 14 01:44:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	41564	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	151030	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	73008	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	155575	20.00	ng	0.00
75) Chrysene-d12	14.14	240	142577	20.00	ng	0.00
86) Perylene-d12	15.67	264	111643	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	17995	7.33	ng	0.02
7) Phenol-d6	6.59	99	22937	7.48	ng	0.01
23) Nitrobenzene-d5	7.50	82	12522	4.61	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	6005	7.10	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	23558	-11.24	ng	0.00
78) Terphenyl-d14	13.05	244	34853	5.92	ng	0.00

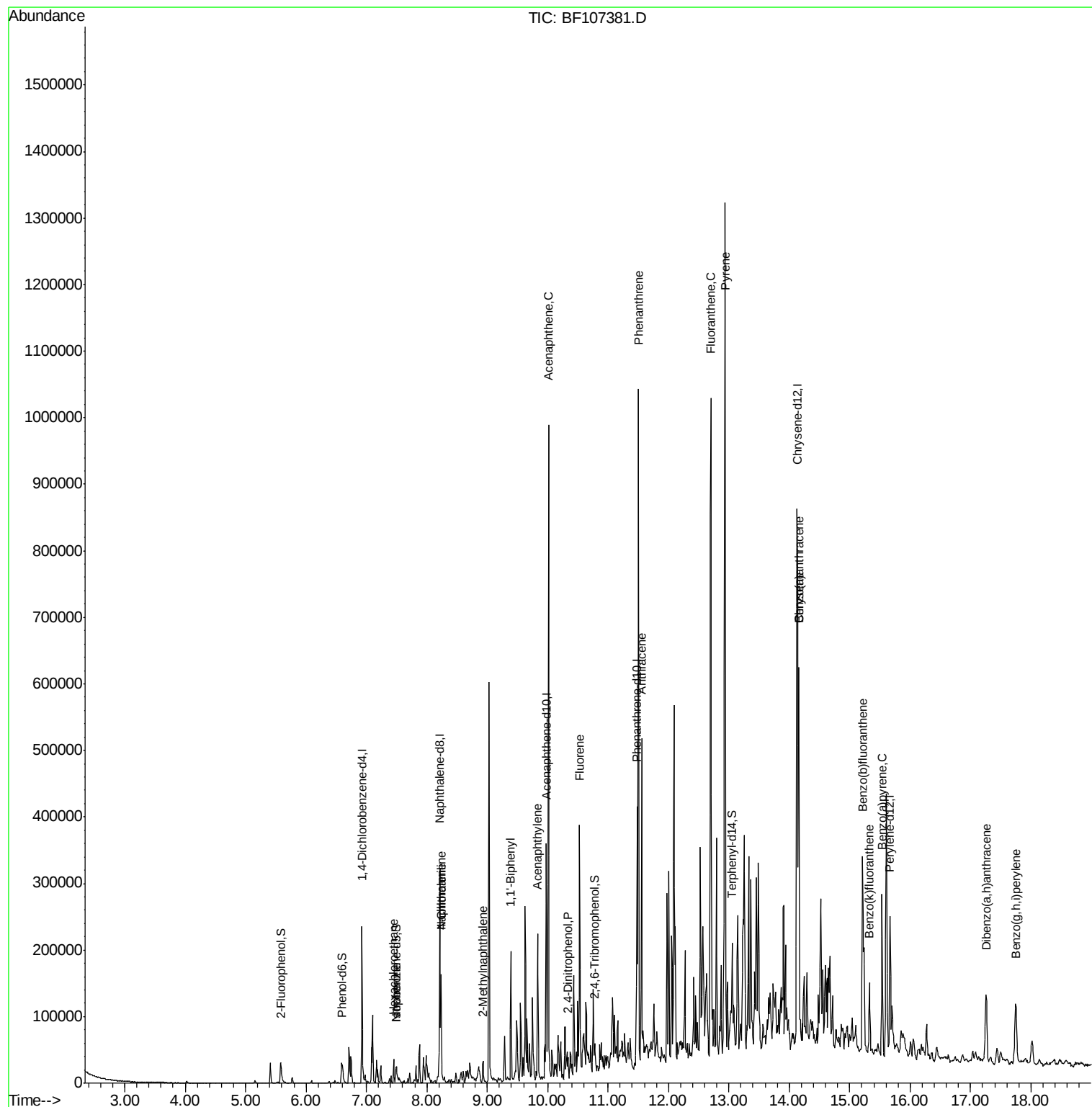
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.45	117	2508	2.237	ng	# 1
25) Isophorone	7.50	82	12522	2.615	ng	# 64
31) Naphthalene	8.24	128	82038	11.618	ng	99
33) 4-Chloroaniline	8.24	127	10140	3.422	ng	# 31
37) 2-Methylnaphthalene	8.93	142	10174	2.174	ng	96
45) 1,1'-Biphenyl	9.39	154	64924	11.158	ng	94
48) Acenaphthylene	9.84	152	76928	10.639	ng	# 96
51) Acenaphthene	10.01	154	225626	49.552	ng	98
53) 2,4-Dinitrophenol	10.33	184	231	5.710	ng	# 51
57) Fluorene	10.53	166	116771	23.602	ng	99
70) Phenanthrene	11.50	178	378267	50.411	ng	99
71) Anthracene	11.55	178	201364	26.291	ng	99
74) Fluoranthene	12.70	202	410758	49.665	ng	95
77) Pyrene	12.94	202	563255	59.908	ng	100
80) Benzo(a)anthracene	14.16	228	205211	23.616	ng	93
82) Chrysene	14.16	228	205211	25.669	ng	97
87) Benzo(b)fluoranthene	15.21	252	245513	35.401	ng	97
88) Benzo(k)fluoranthene	15.33	252	61566	9.322	ng	95
89) Benzo(a)pyrene	15.54	252	116110	18.833	ng	97
90) Dibenzo(a,h)anthracene	17.25	278	22152	4.240	ng	95
91) Benzo(g,h,i)perylene	17.75	276	86433	16.924	ng	# 91

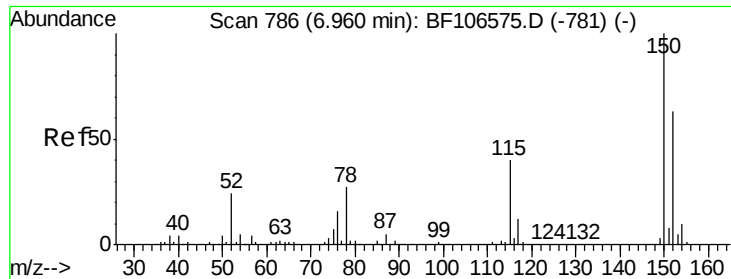
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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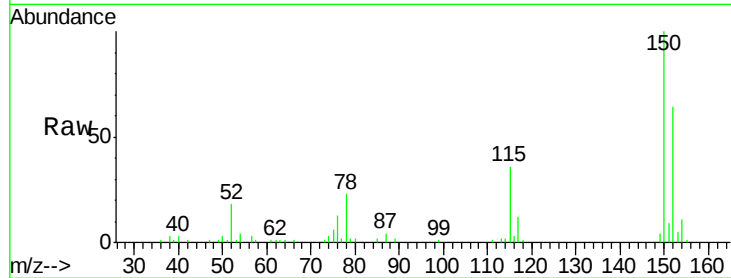


#1

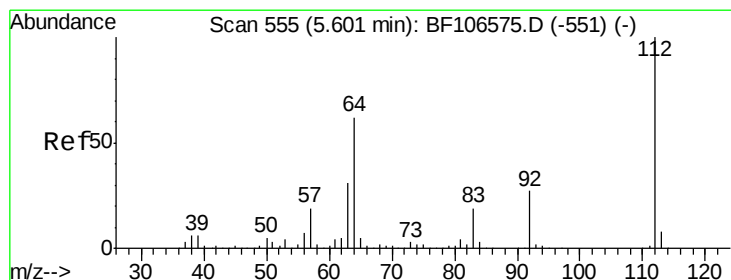
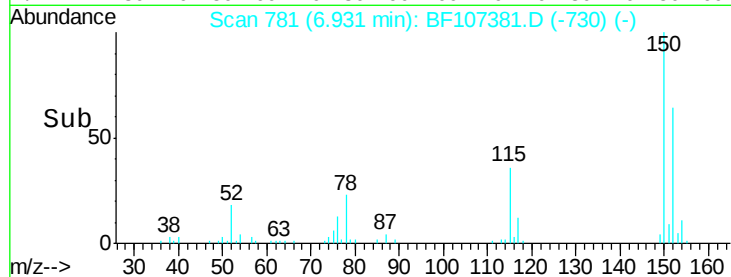
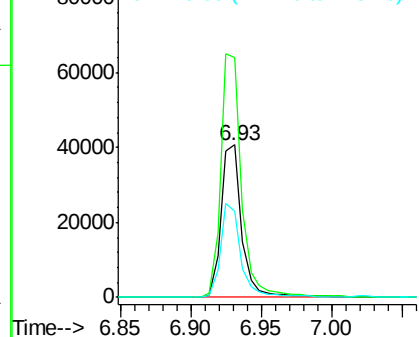
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

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Tgt Ion:152 Resp: 41564
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 56.1 50.1 75.1



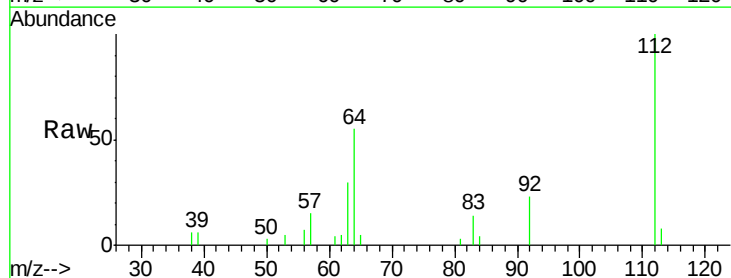
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



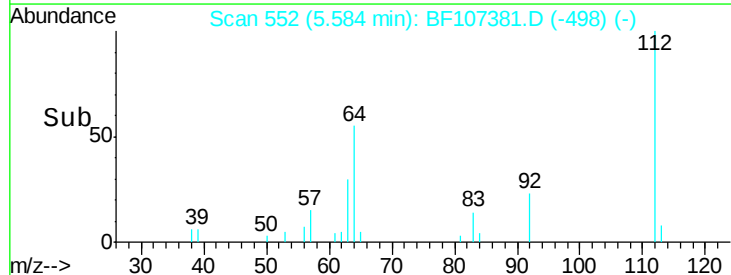
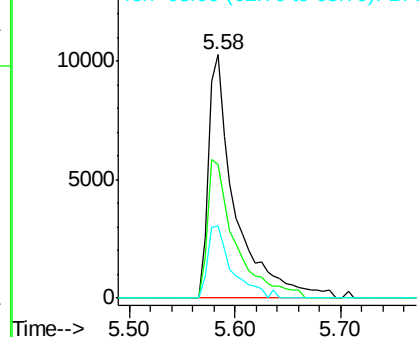
#5

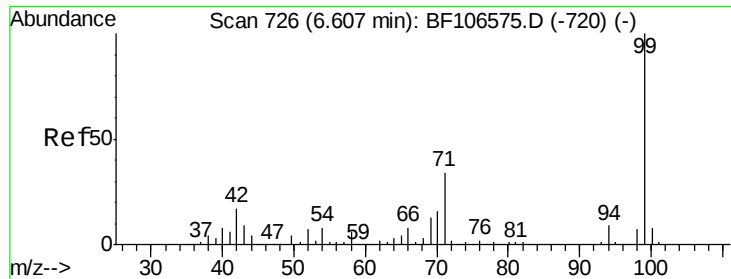
2-Fluorophenol
Concen: 7.331 ng
RT: 5.58 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Tgt Ion:112 Resp: 17995
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 29.7 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: 7.483 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

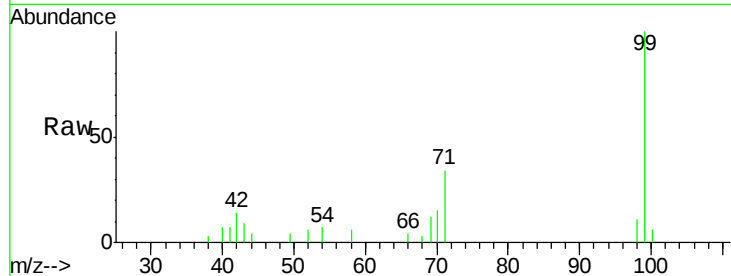
Tgt Ion: 99 Resp: 22937

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

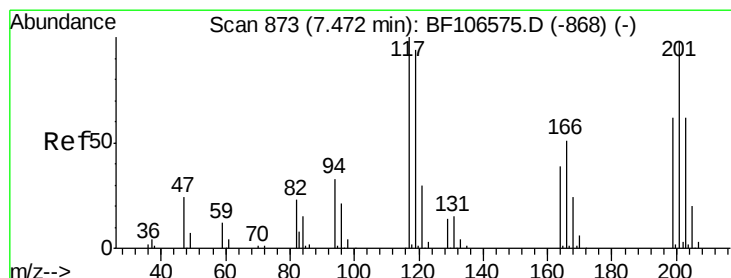
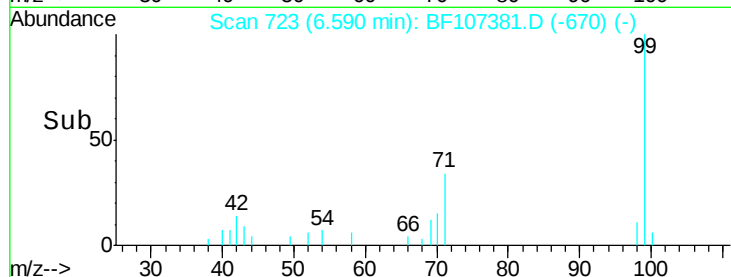
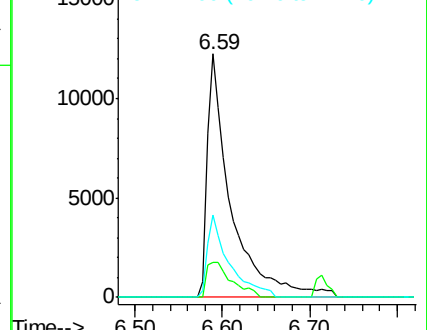
71 34.0 25.4 38.0



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



#18

Hexachloroethane

Concen: 2.237 ng

RT: 7.45 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

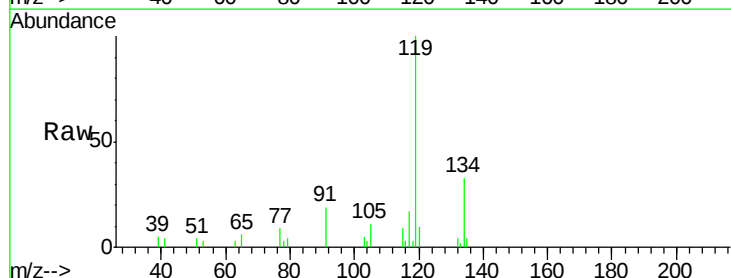
Tgt Ion: 117 Resp: 2508

Ion Ratio Lower Upper

117 100

119 586.4 75.8 113.8#

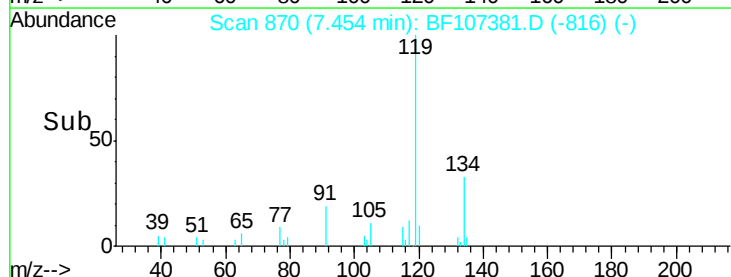
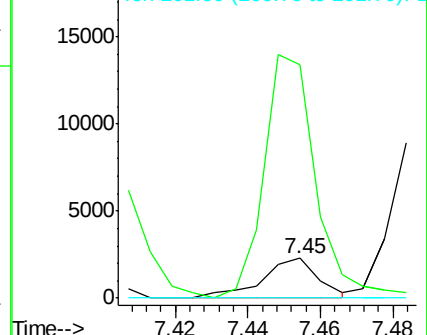
201 0.0 75.7 113.5#

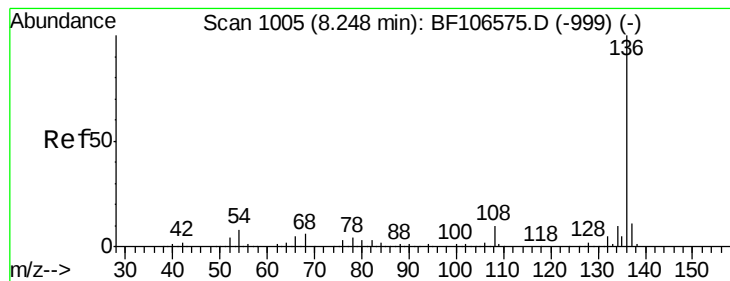


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

Instrument :

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2018-NYSEG-CLARK-ST-PH4-AREA

Tgt Ion: 136 Resp: 151030

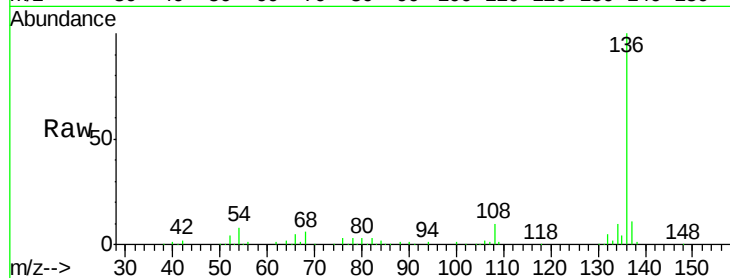
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.7 6.6 9.8

68 6.2 5.0 7.4

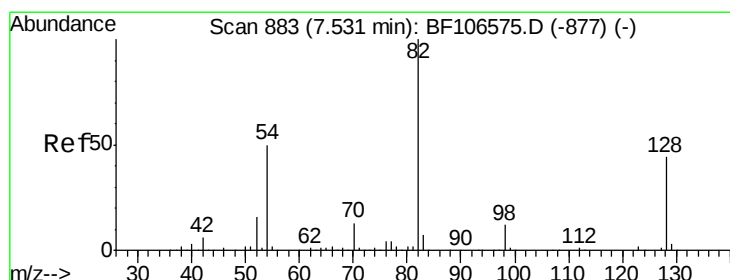
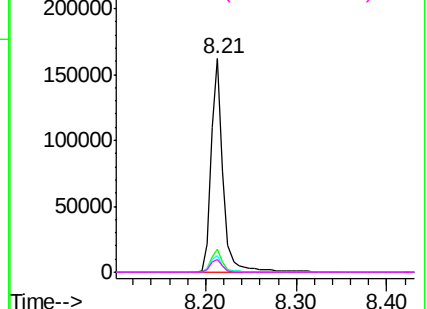
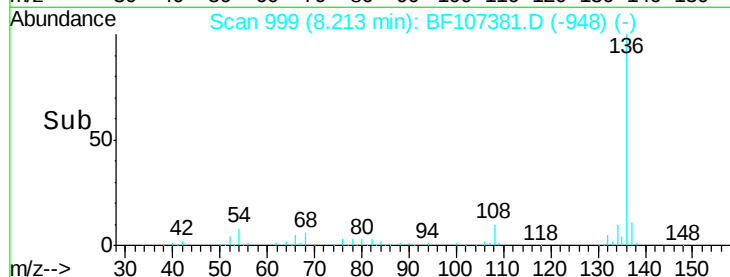


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 4.608 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

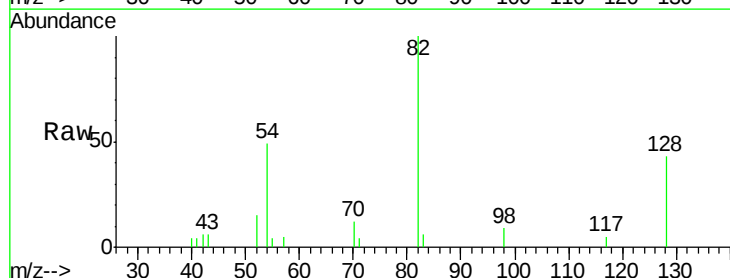
Tgt Ion: 82 Resp: 12522

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

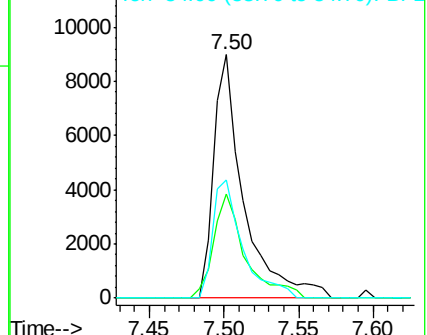
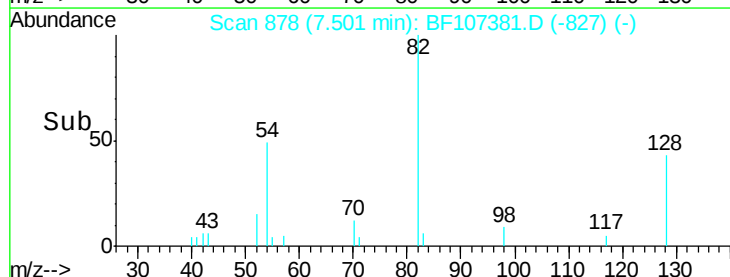
54 48.6 41.4 62.2

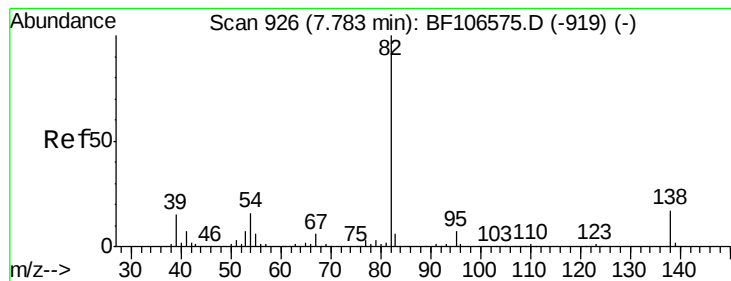


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 2.615 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.25 min

Lab File: BF107381.D

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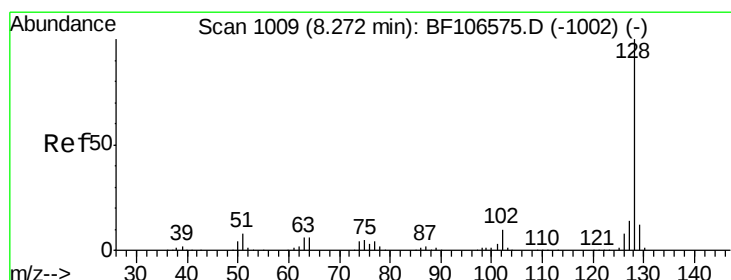
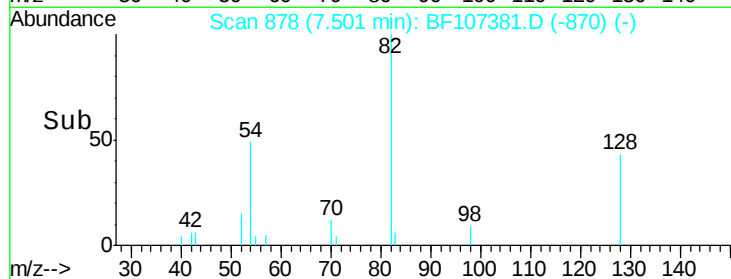
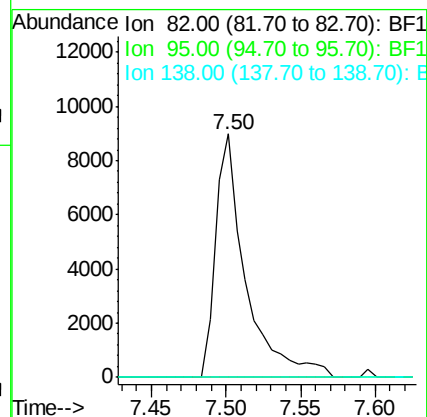
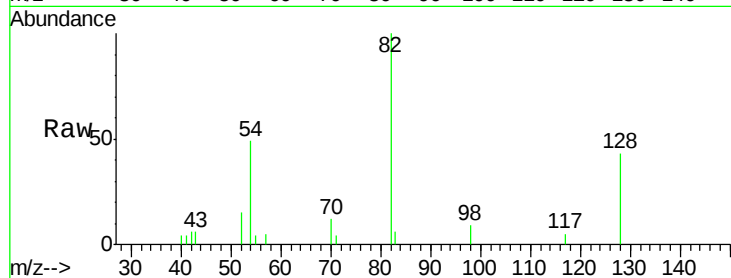
Tgt Ion: 82 Resp: 12522

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 11.618 ng

RT: 8.24 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

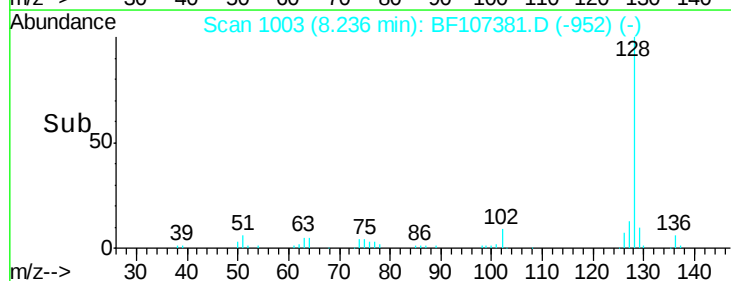
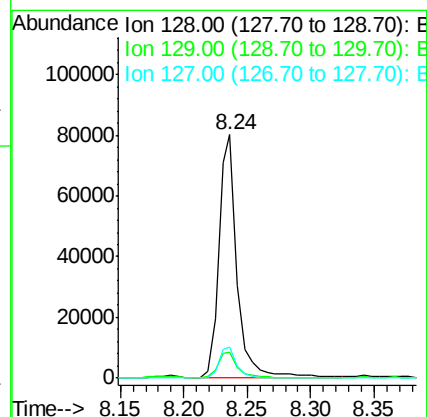
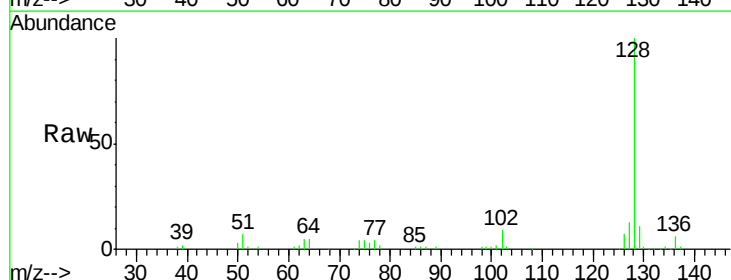
Tgt Ion: 128 Resp: 82038

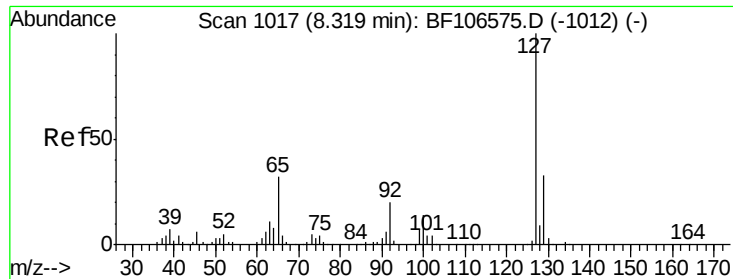
Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.6 10.9 16.3

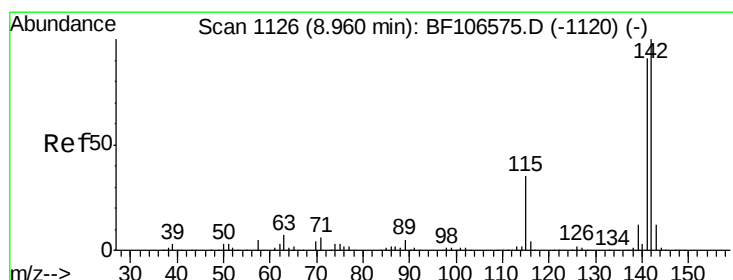
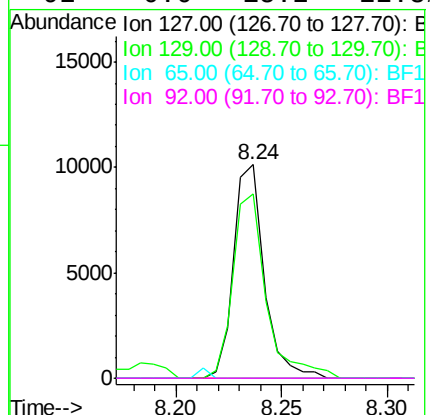
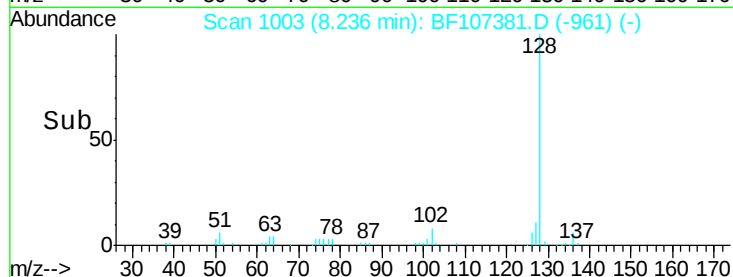
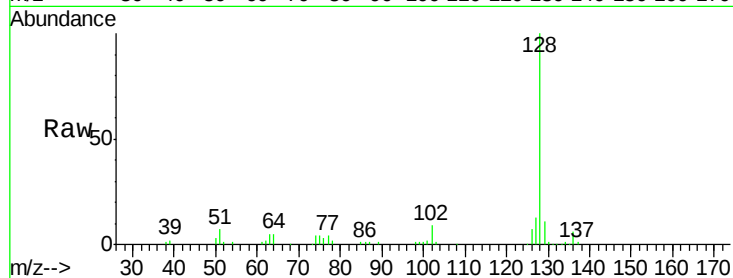




#33
4-Chloroaniline
Concen: 3.422 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.05 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

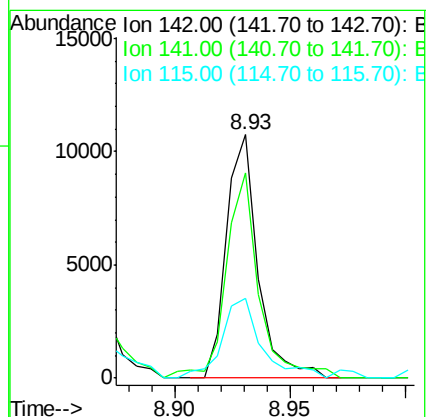
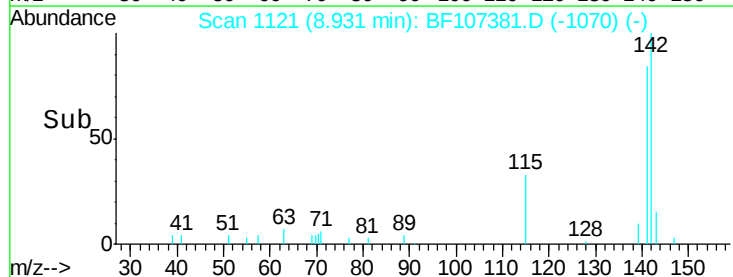
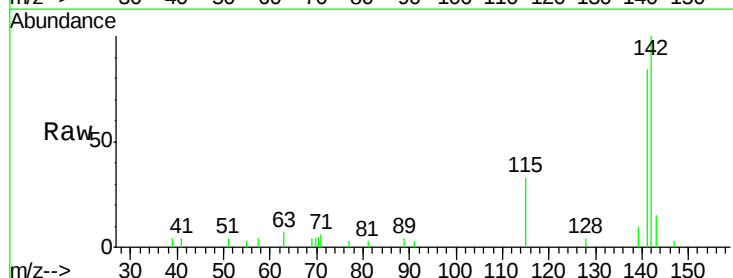
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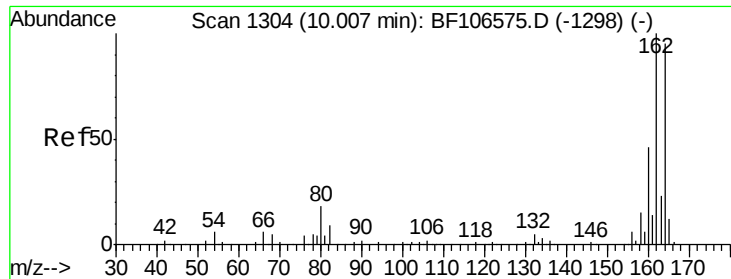
Tgt Ion:127 Resp: 10140
Ion Ratio Lower Upper
127 100
129 86.1 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#37
2-Methylnaphthalene
Concen: 2.174 ng
RT: 8.93 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Tgt Ion:142 Resp: 10174
Ion Ratio Lower Upper
142 100
141 84.0 70.8 106.2
115 32.8 26.1 39.1

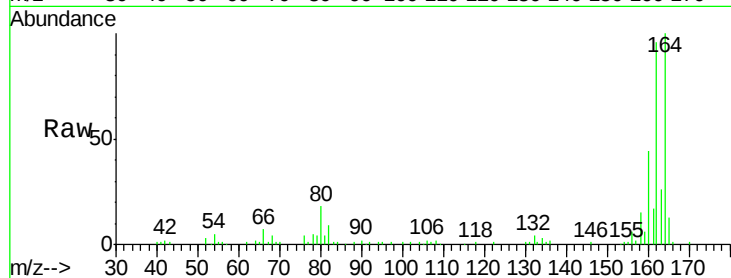




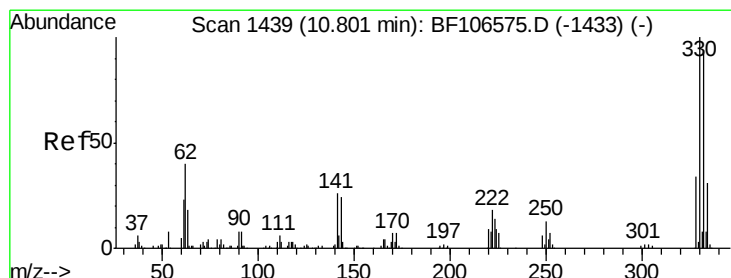
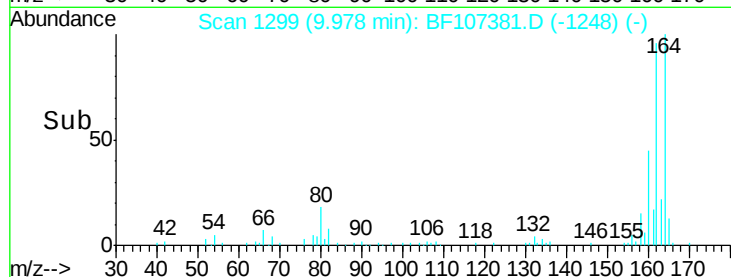
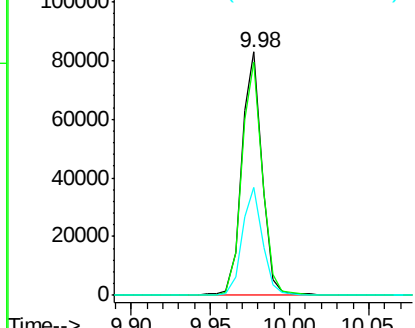
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107381.D
 Acq: 13 Jul 2018 22:21

Instrument :
 BNA_F
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 2018-NYSEG-CLARK-ST-PH4-AREA

Tgt Ion:164 Resp: 73008
 Ion Ratio Lower Upper
 164 100
 162 95.9 86.1 129.1
 160 44.4 38.3 57.5

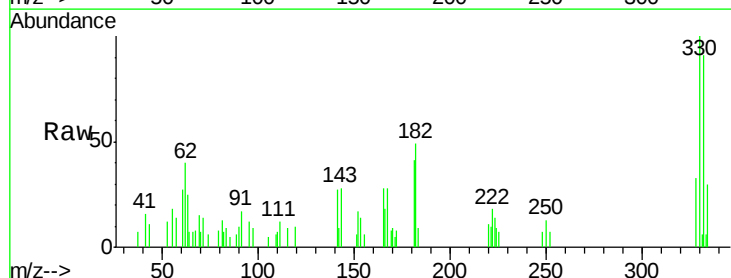


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

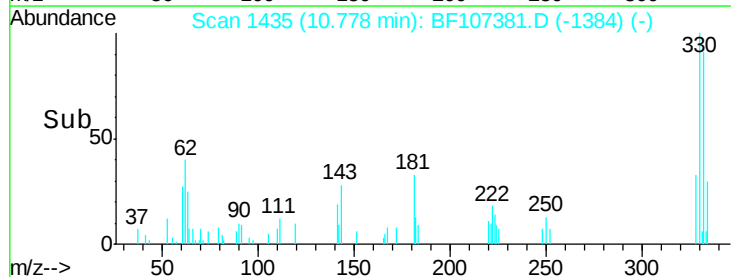
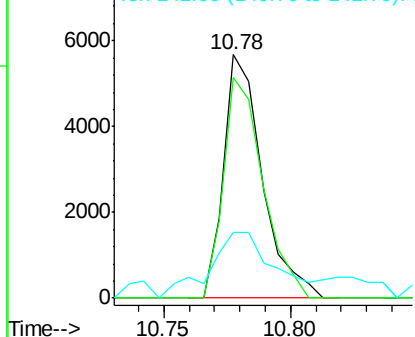


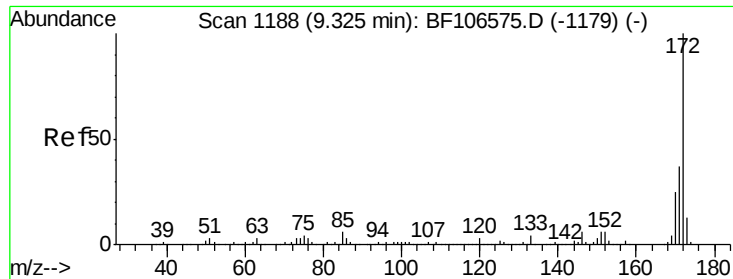
#41
 2,4,6-Tribromophenol
 Concen: 7.097 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107381.D
 Acq: 13 Jul 2018 22:21

Tgt Ion:330 Resp: 6005
 Ion Ratio Lower Upper
 330 100
 332 92.8 77.0 115.6
 141 45.1 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

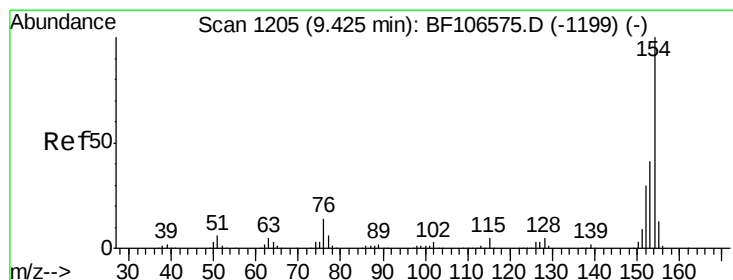
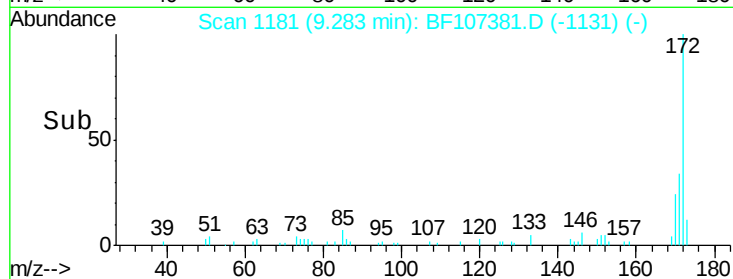
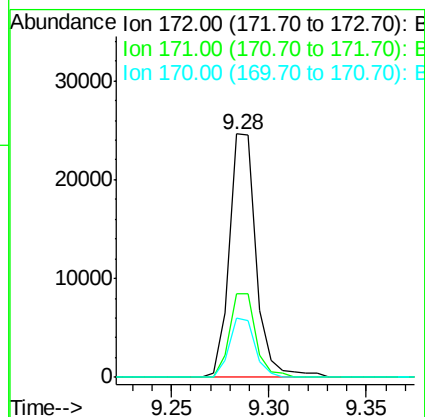
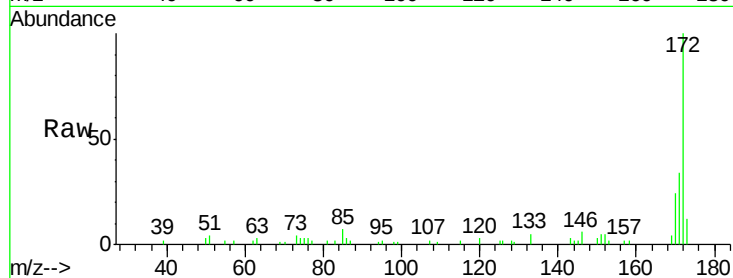




#44
 2-Fluorobiphenyl
 Concen: -11.240 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107381.D
 Acq: 13 Jul 2018 22:21

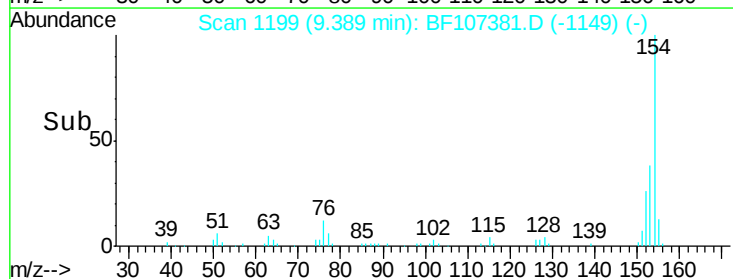
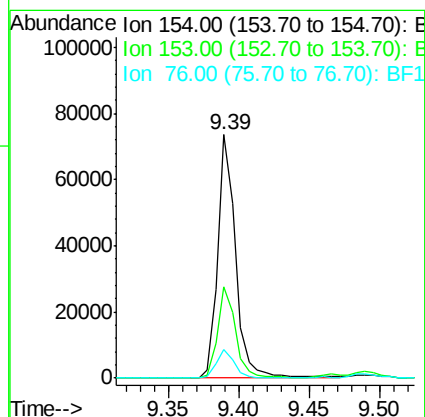
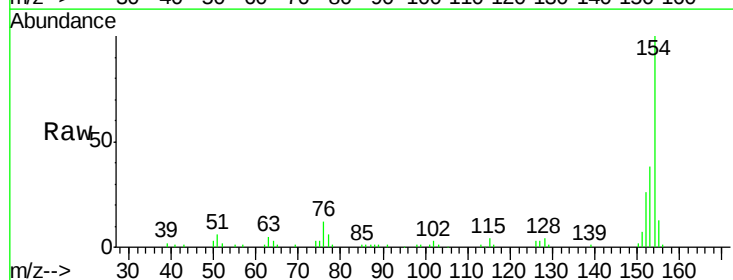
Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

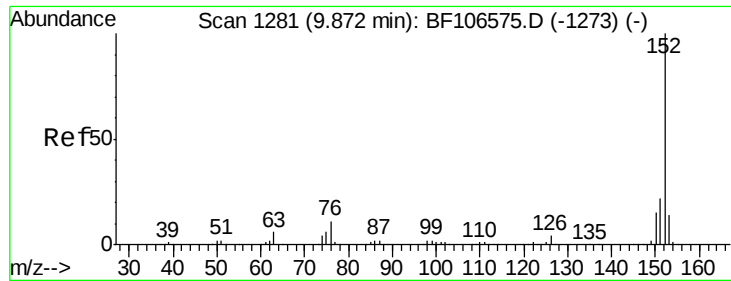
Tgt Ion:172 Resp: 23558
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 24.3 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 11.158 ng
 RT: 9.39 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF107381.D
 Acq: 13 Jul 2018 22:21

Tgt Ion:154 Resp: 64924
 Ion Ratio Lower Upper
 154 100
 153 37.7 21.3 61.3
 76 11.7 0.0 34.0

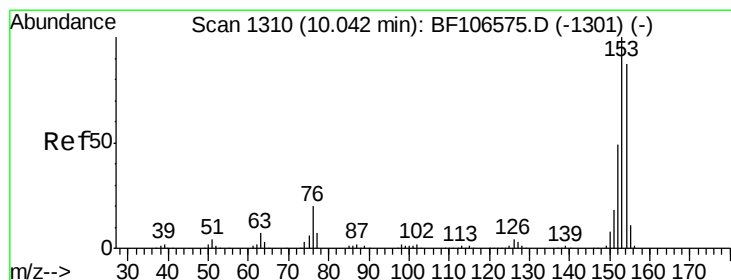
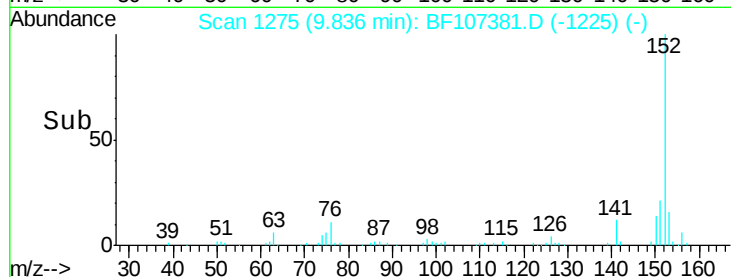
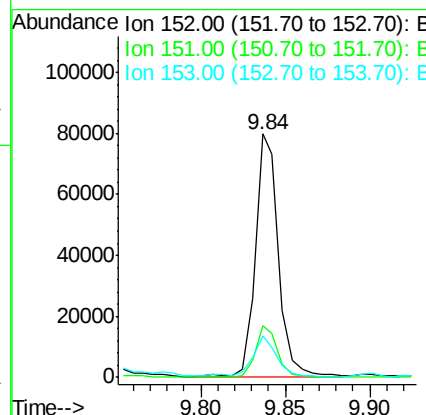
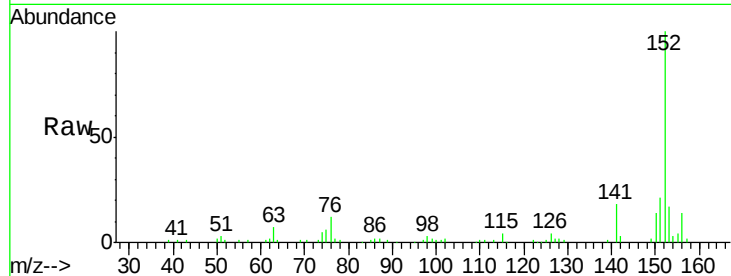




#48
Acenaphthylene
Concen: 10.639 ng
RT: 9.84 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

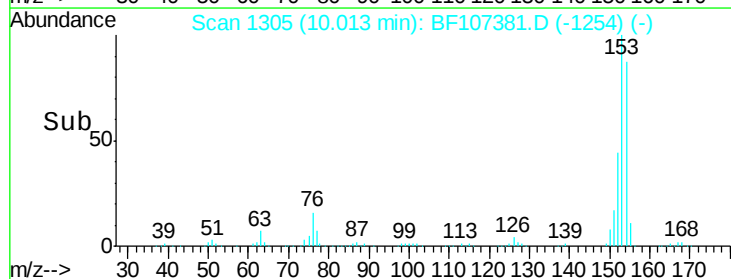
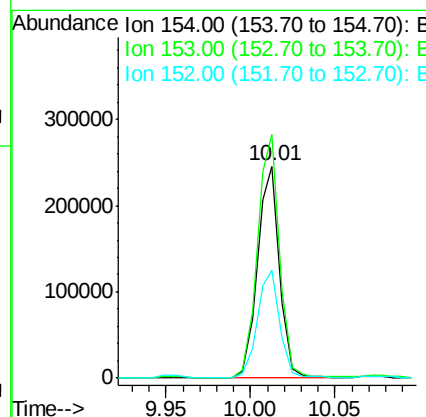
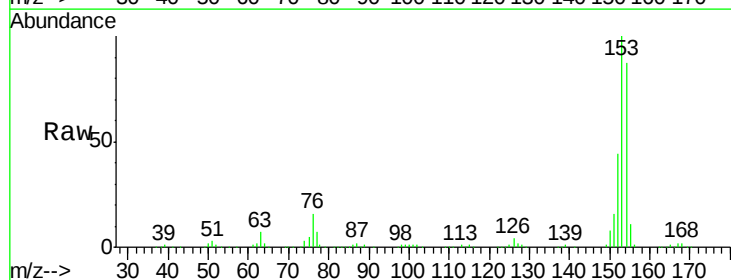
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

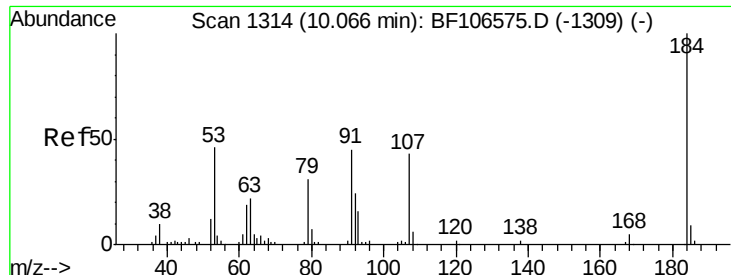
Tgt Ion:152 Resp: 76928
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 17.1 10.7 16.1#



#51
Acenaphthene
Concen: 49.552 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Tgt Ion:154 Resp: 225626
Ion Ratio Lower Upper
154 100
153 114.9 91.2 136.8
152 50.9 43.8 65.8

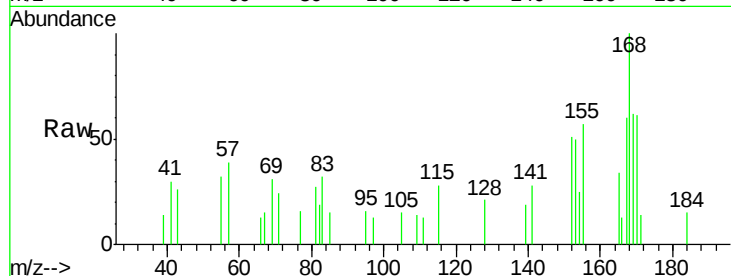




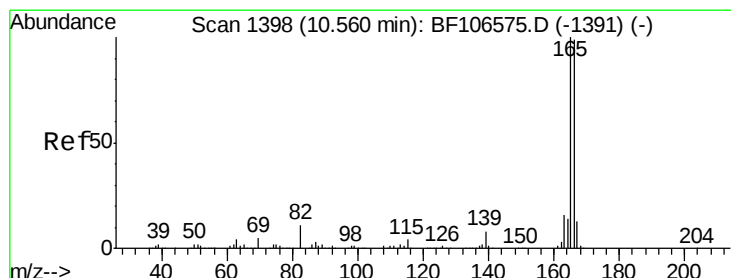
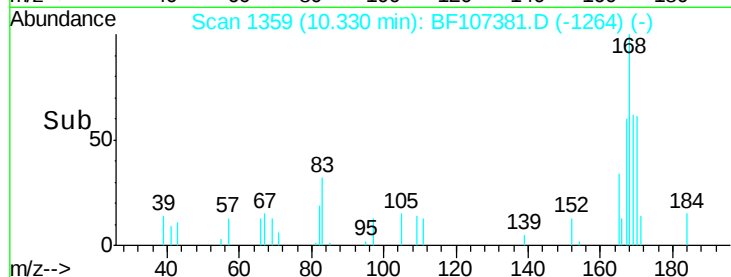
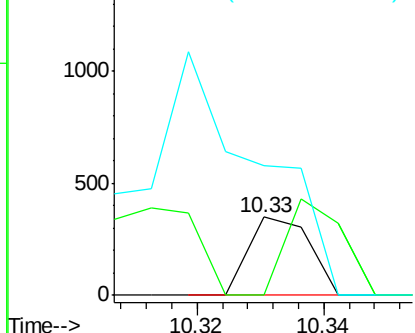
#53
2,4-Dinitrophenol
Concen: 5.710 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.26 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

Tgt Ion:184 Resp: 231
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 166.3 184.0 276.0#

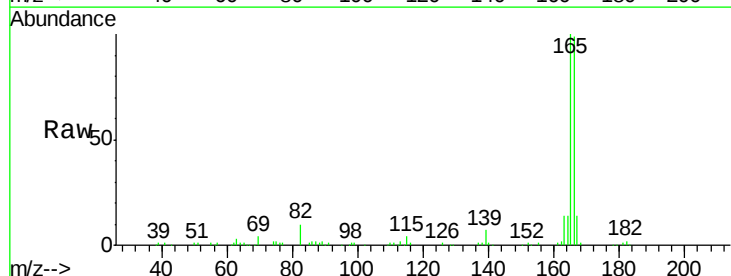


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

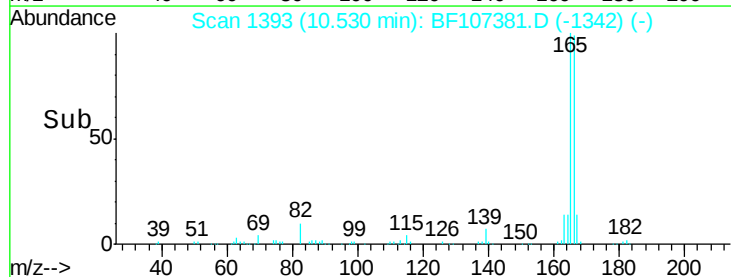
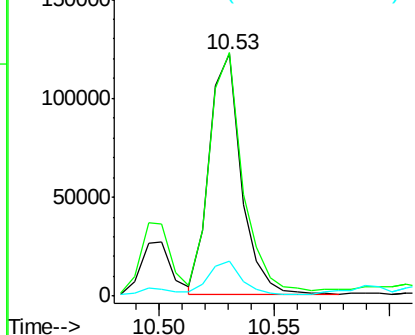


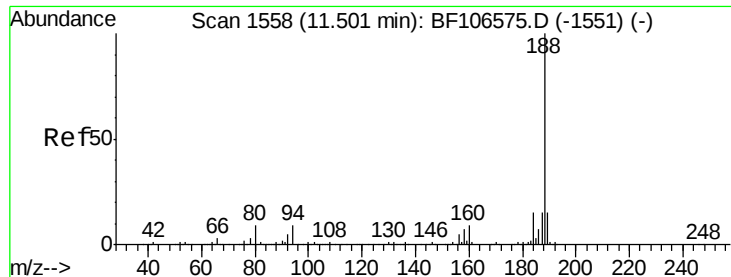
#57
Fluorene
Concen: 23.602 ng
RT: 10.53 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Tgt Ion:166 Resp: 116771
Ion Ratio Lower Upper
166 100
165 100.7 79.8 119.8
167 14.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

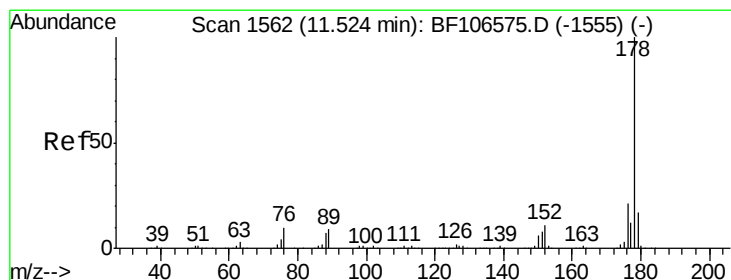
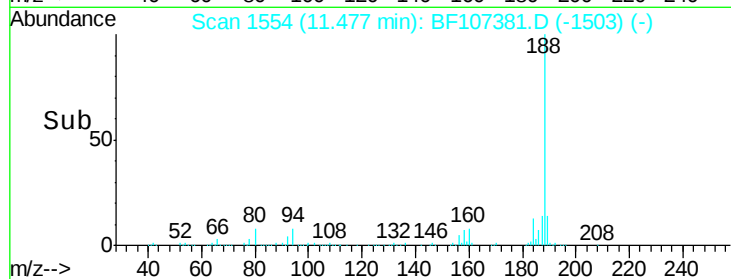
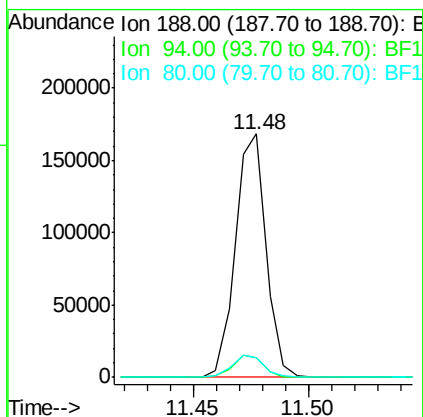
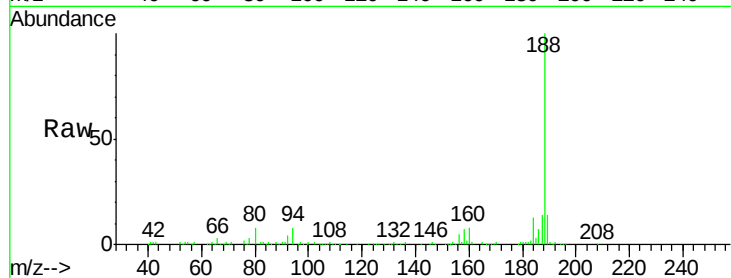




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

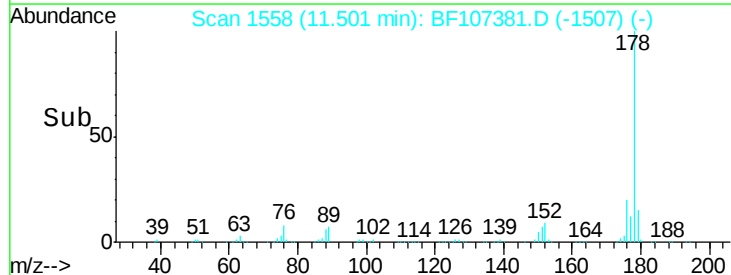
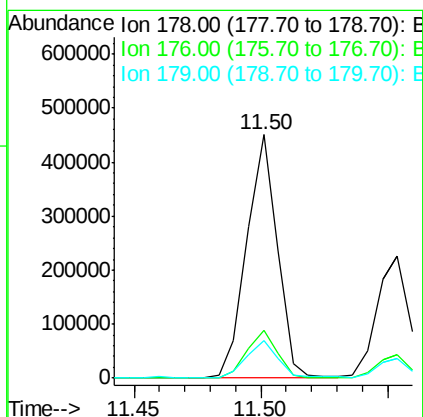
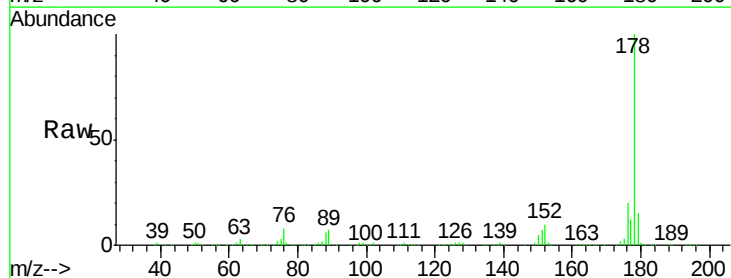
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

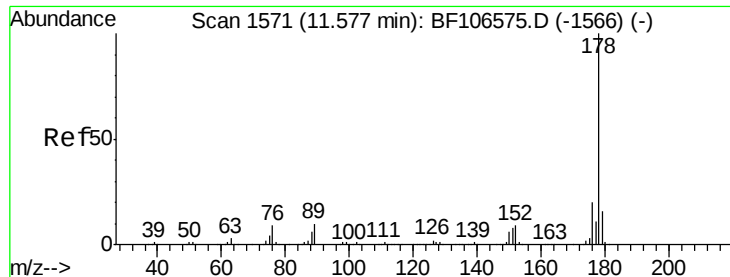
Tgt Ion:188 Resp: 155575
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.3 9.2 13.8#



#70
Phenanthrene
Concen: 50.411 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Tgt Ion:178 Resp: 378267
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.5 13.0 19.6

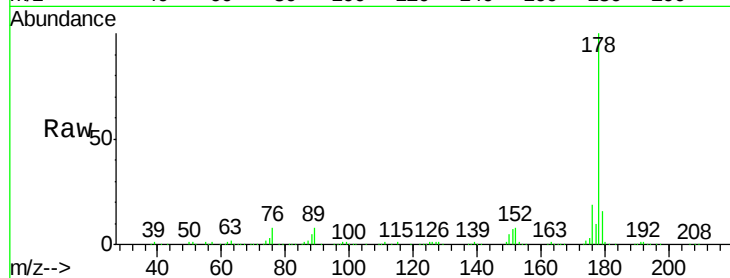




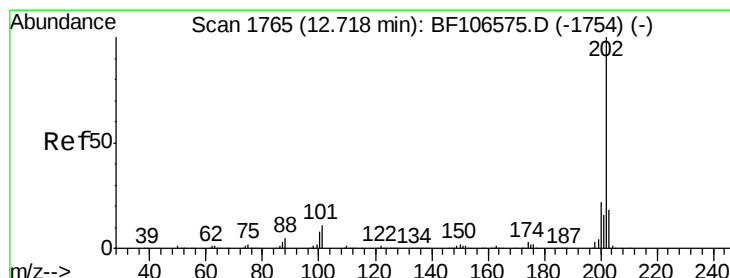
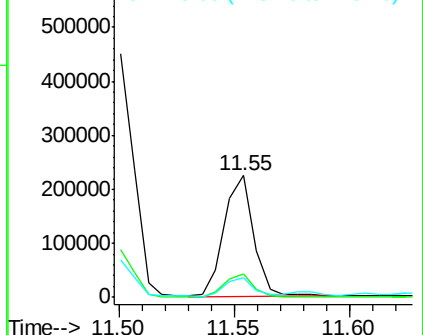
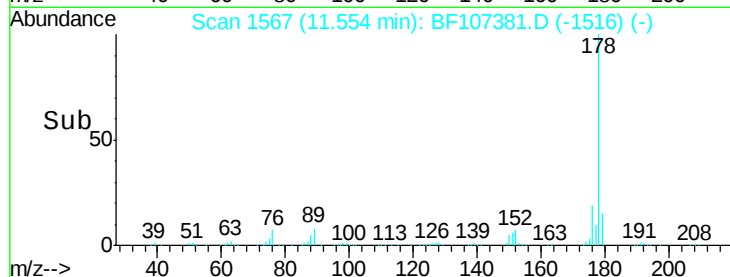
#71
 Anthracene
 Concen: 26.291 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF107381.D
 Acq: 13 Jul 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.6	19.0

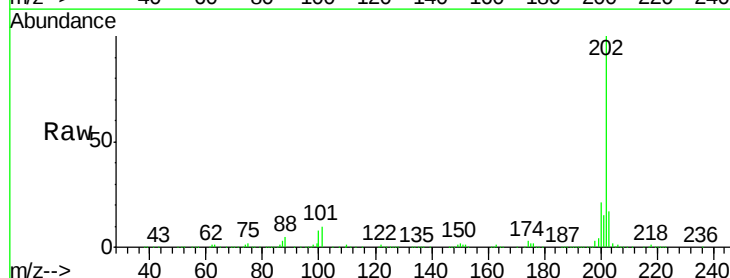


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

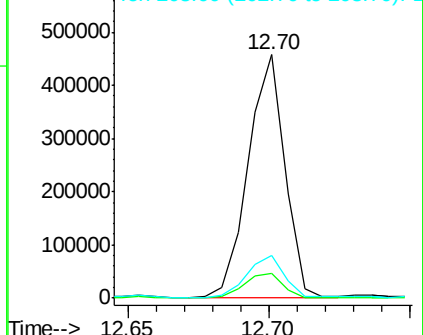
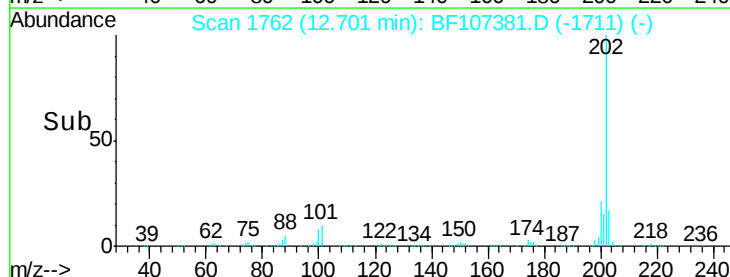


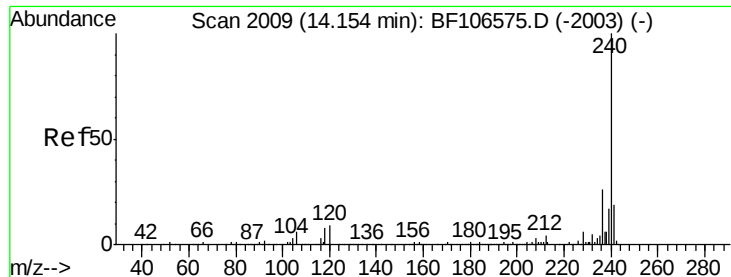
#74
 Fluoranthene
 Concen: 49.665 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF107381.D
 Acq: 13 Jul 2018 22:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.4	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

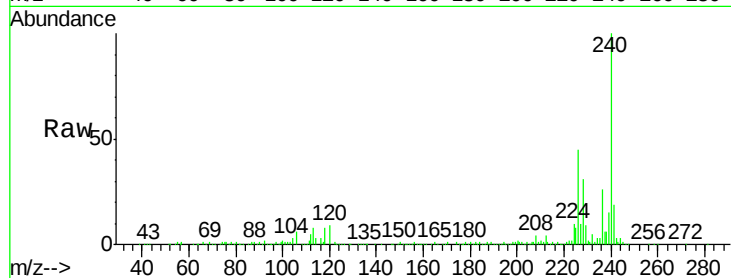
Tgt Ion:240 Resp: 142577

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

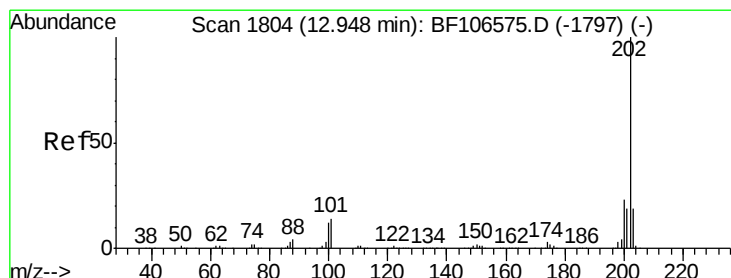
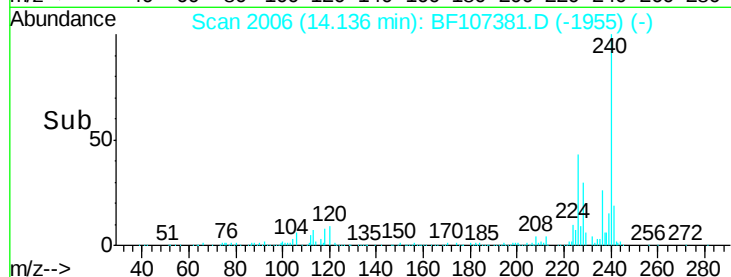
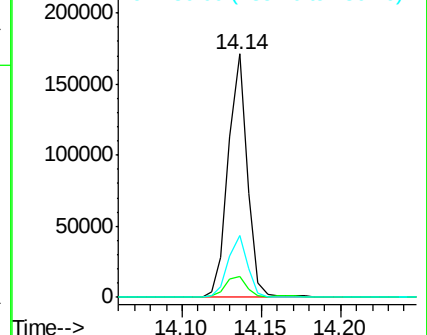
236 25.5 20.7 31.1



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: 59.908 ng

RT: 12.94 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

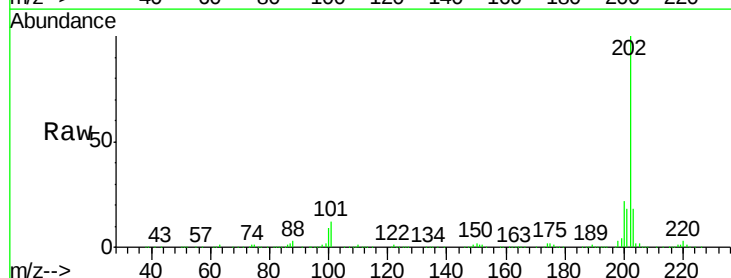
Tgt Ion:202 Resp: 563255

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

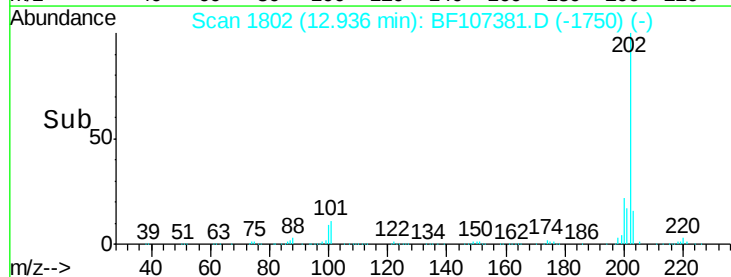
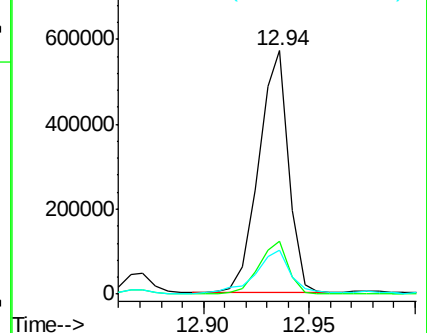
203 18.0 14.3 21.5

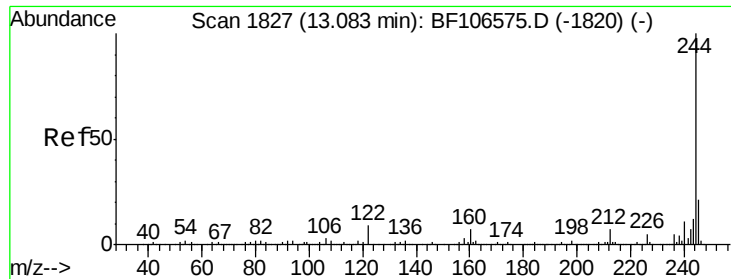


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

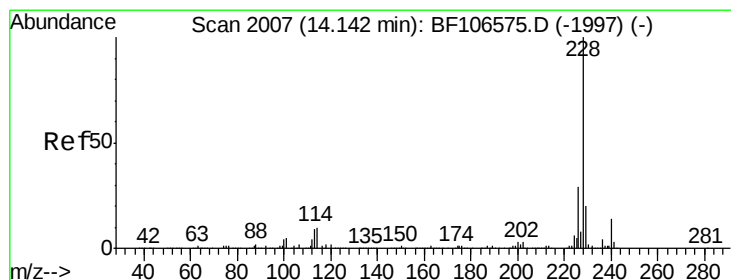
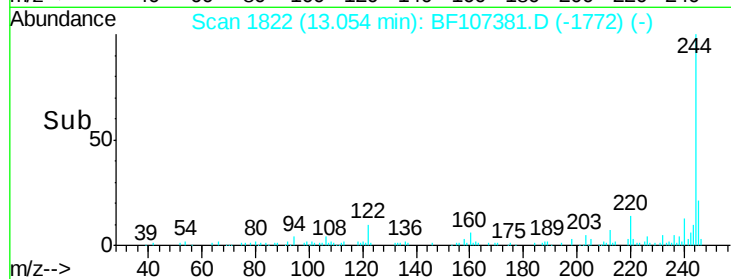
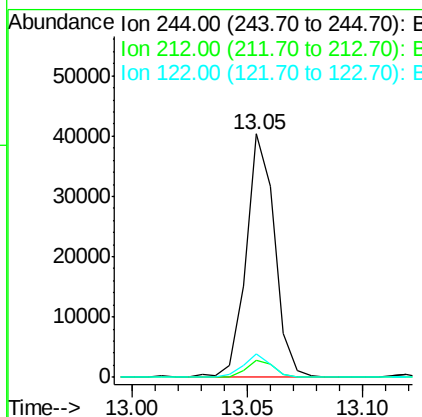
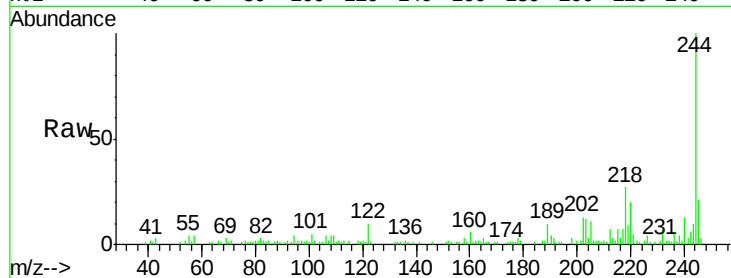




#78
 Terphenyl-d14
 Concen: 5.921 ng
 RT: 13.05 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF107381.D
 Acq: 13 Jul 2018 22:21

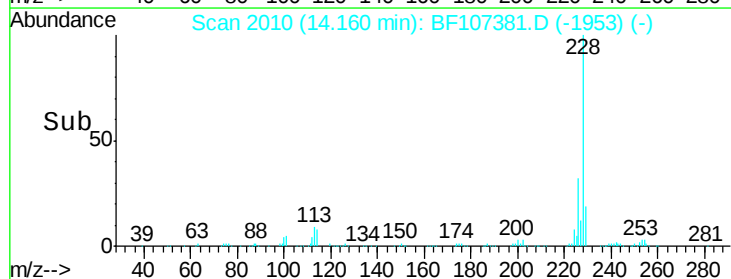
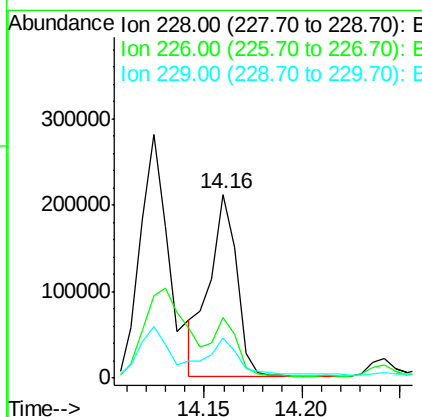
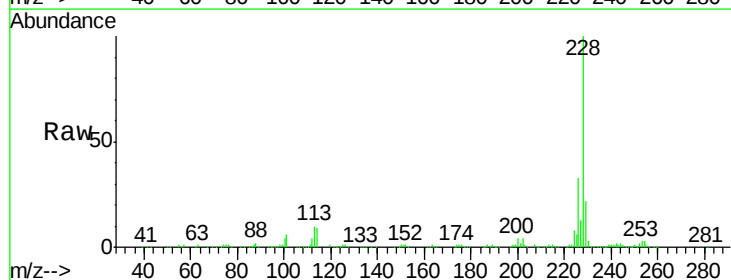
Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

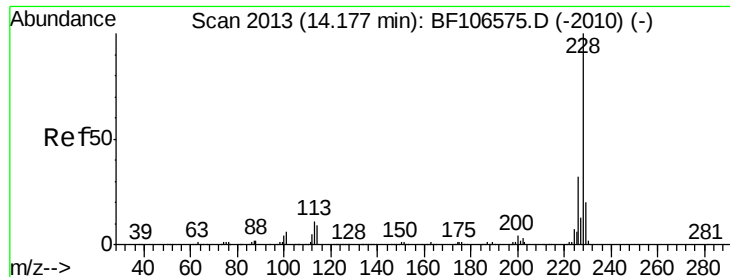
Tgt Ion:244 Resp: 34853
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.7 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 23.616 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. 0.04 min
 Lab File: BF107381.D
 Acq: 13 Jul 2018 22:21

Tgt Ion:228 Resp: 205211
 Ion Ratio Lower Upper
 228 100
 226 32.7 22.6 33.8
 229 21.6 15.8 23.6

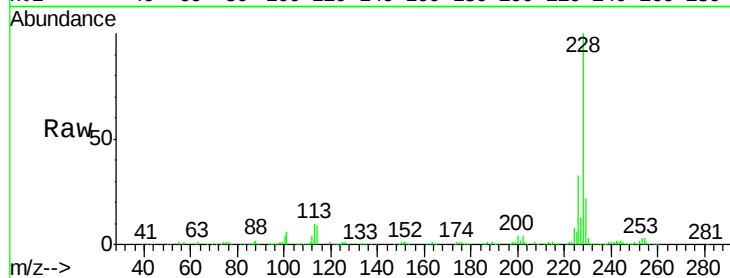




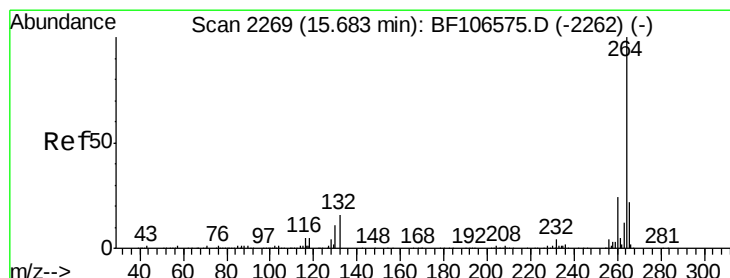
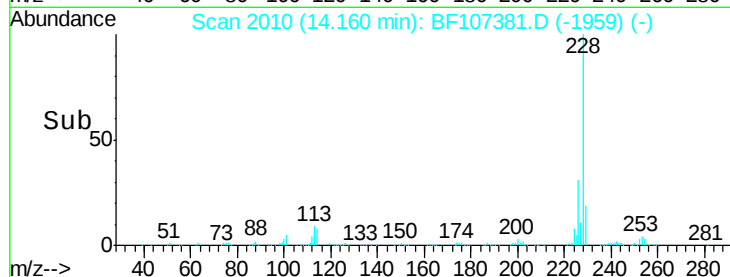
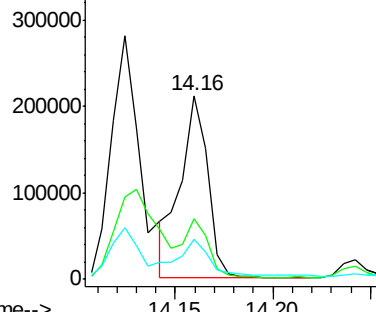
#82
Chrysene
Concen: 25.669 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

Tgt Ion:228 Resp: 205211
Ion Ratio Lower Upper
228 100
226 32.7 25.0 37.6
229 21.6 16.2 24.4

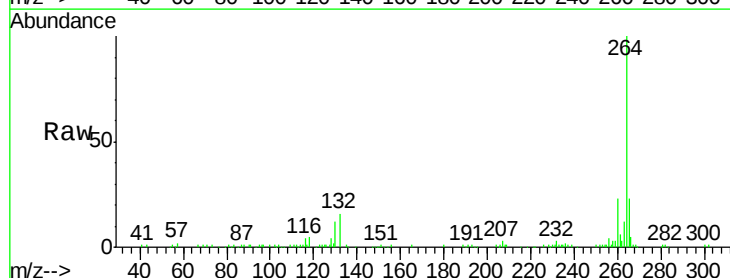


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

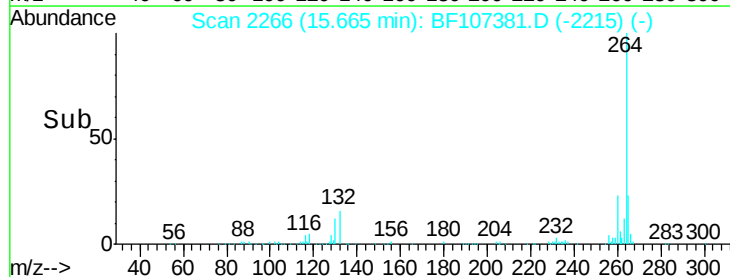
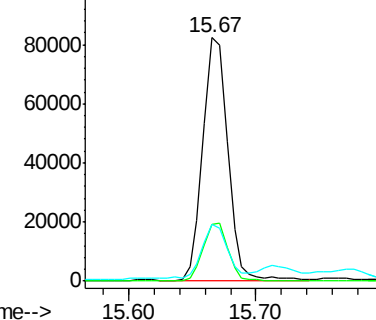


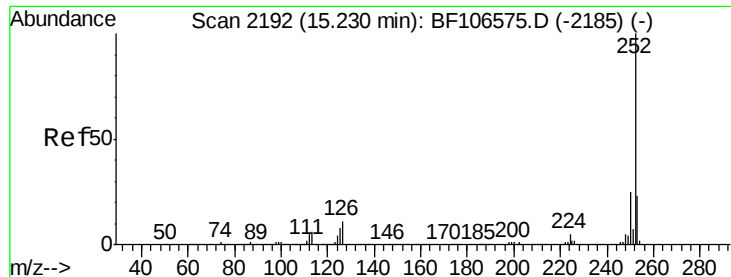
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Tgt Ion:264 Resp: 111643
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 23.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

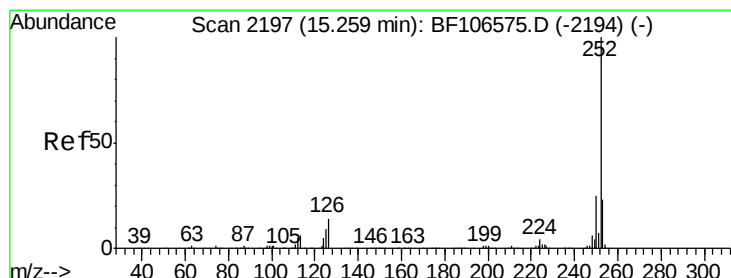
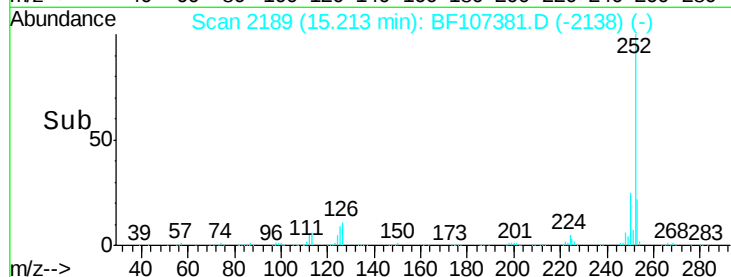
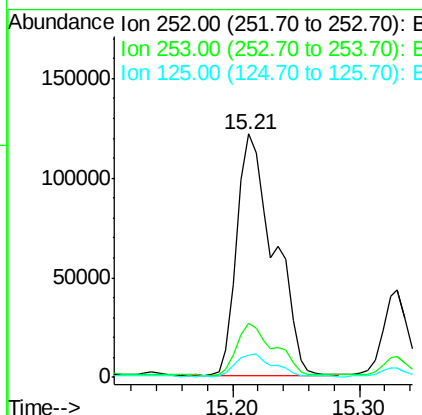
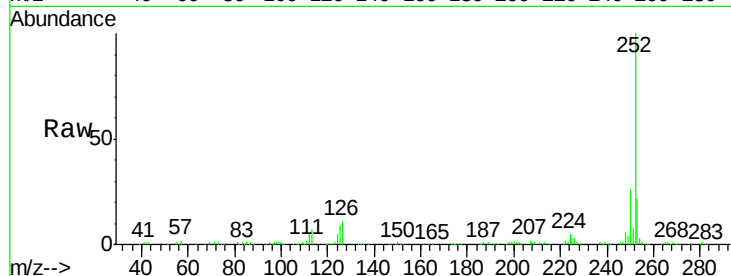




#87
Benzo(b)fluoranthene
Concen: 35.401 ng
RT: 15.21 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

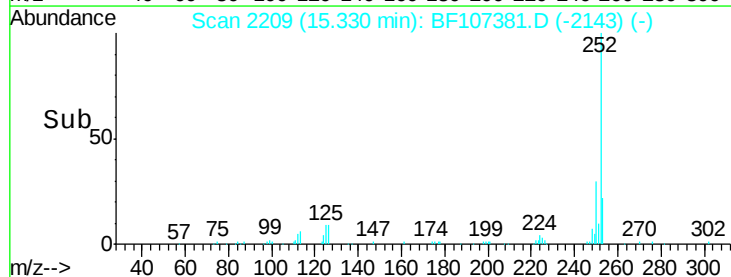
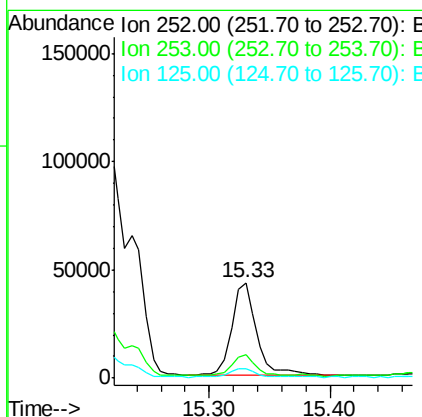
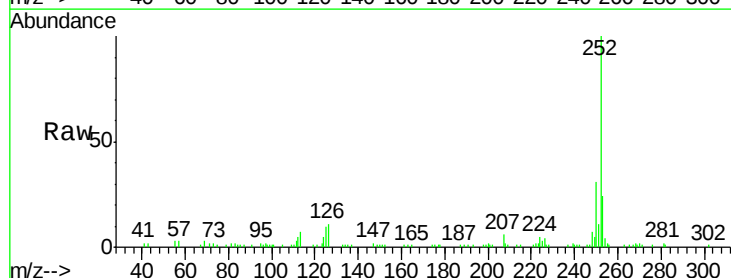
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

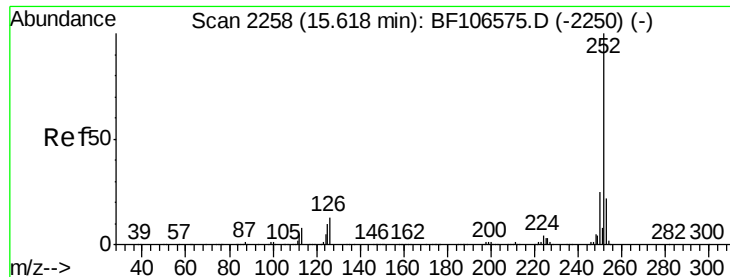
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 9.322 ng
RT: 15.33 min Scan# 2209
Delta R.T. 0.09 min
Lab File: BF107381.D
Acq: 13 Jul 2018 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	10.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 18.833 ng

RT: 15.54 min Scan# 2244

Delta R.T. -0.07 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

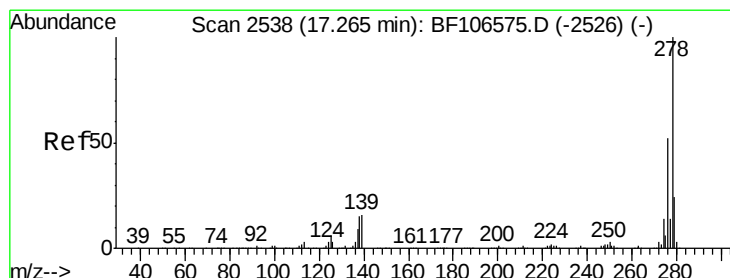
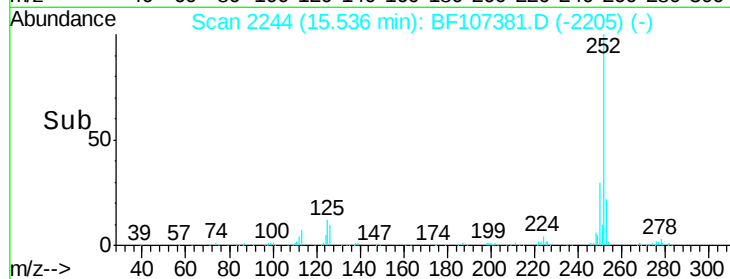
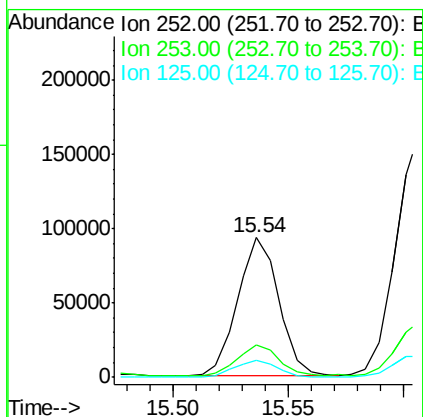
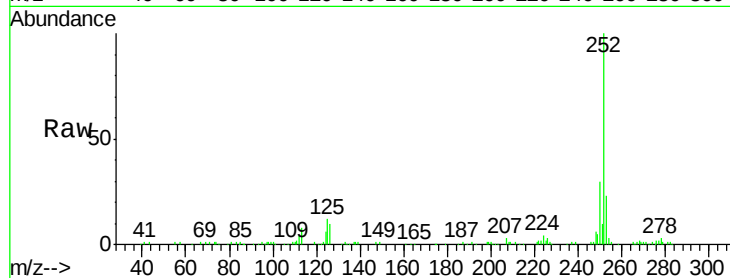
Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

Tgt Ion:	252	Resp:	116110
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.1	25.7
125	12.4	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 4.240 ng

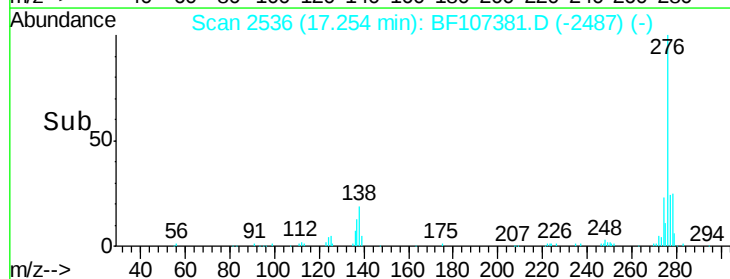
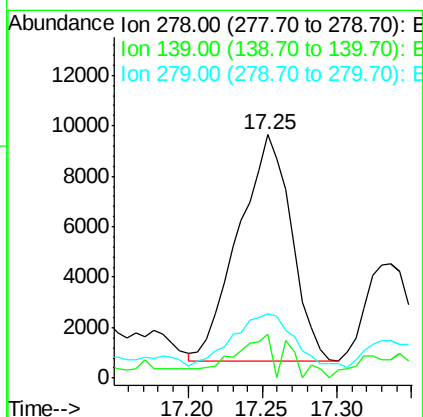
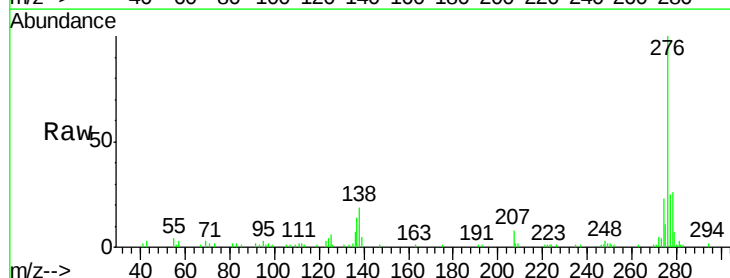
RT: 17.25 min Scan# 2536

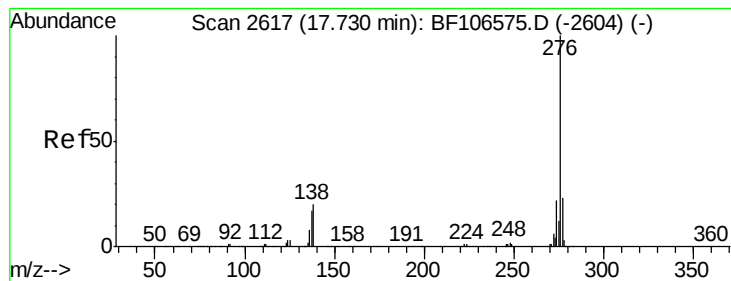
Delta R.T. -0.01 min

Lab File: BF107381.D

Acq: 13 Jul 2018 22:21

Tgt Ion:	278	Resp:	22152
Ion Ratio	Lower	Upper	
278	100		
139	18.2	15.9	23.9
279	26.5	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 16.924 ng

RT: 17.75 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF107381.D

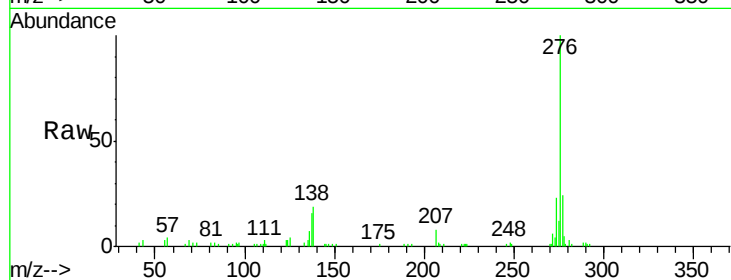
Acq: 13 Jul 2018 22:21

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA



Tgt Ion: 276 Resp: 86433

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 19.4 21.8 32.8#

