

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107860.D
 Acq On : 31 Jul 2018 20:07
 Operator : JU/SJ
 Sample : J4231-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

Manual Integrations
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Quant Time: Aug 01 15:39:46 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	154211	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	679221	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	308323	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	589061	20.00	ng	0.00
75) Chrysene-d12	14.15	240	386904	20.00	ng	0.00
86) Perylene-d12	15.68	264	443831	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	912414	100.56	ng	0.00
7) Phenol-d6	6.60	99	1184267	99.03	ng	0.00
23) Nitrobenzene-d5	7.52	82	792466	67.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	359090	85.71	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1402877	63.40	ng	0.00
78) Terphenyl-d14	13.08	244	1124392	63.02	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.61	94	32055	2.248	ng	# 1
31) Naphthalene	8.27	128	71946	2.279	ng	99
49) Dimethylphthalate	9.71	163	143524	6.198	ng	99
51) Acenaphthene	10.03	154	314715	16.516	ng	100
57) Fluorene	10.55	166	162031	7.079	ng	94
70) Phenanthrene	11.52	178	1444174	51.632	ng	100
71) Anthracene	11.58	178	711403	22.051	ng	99
74) Fluoranthene	12.72	202	1236854	37.640	ng	97
77) Pyrene	12.95	202	1365402	49.009	ng	98
80) Benzo(a)anthracene	14.14	228	355933m	16.240	ng	
82) Chrysene	14.18	228	325179	13.756	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	368572	24.031	ng	100
85) Indeno(1,2,3-cd)pyrene	17.27	276	146824	8.166	ng	# 89
87) Benzo(b)fluoranthene	15.23	252	321201m	14.674	ng	
88) Benzo(k)fluoranthene	15.25	252	125689m	4.677	ng	
89) Benzo(a)pyrene	15.62	252	313552	13.875	ng	98
91) Benzo(a,h,i)perylene	17.75	276	140866	7.386	ng	# 93

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

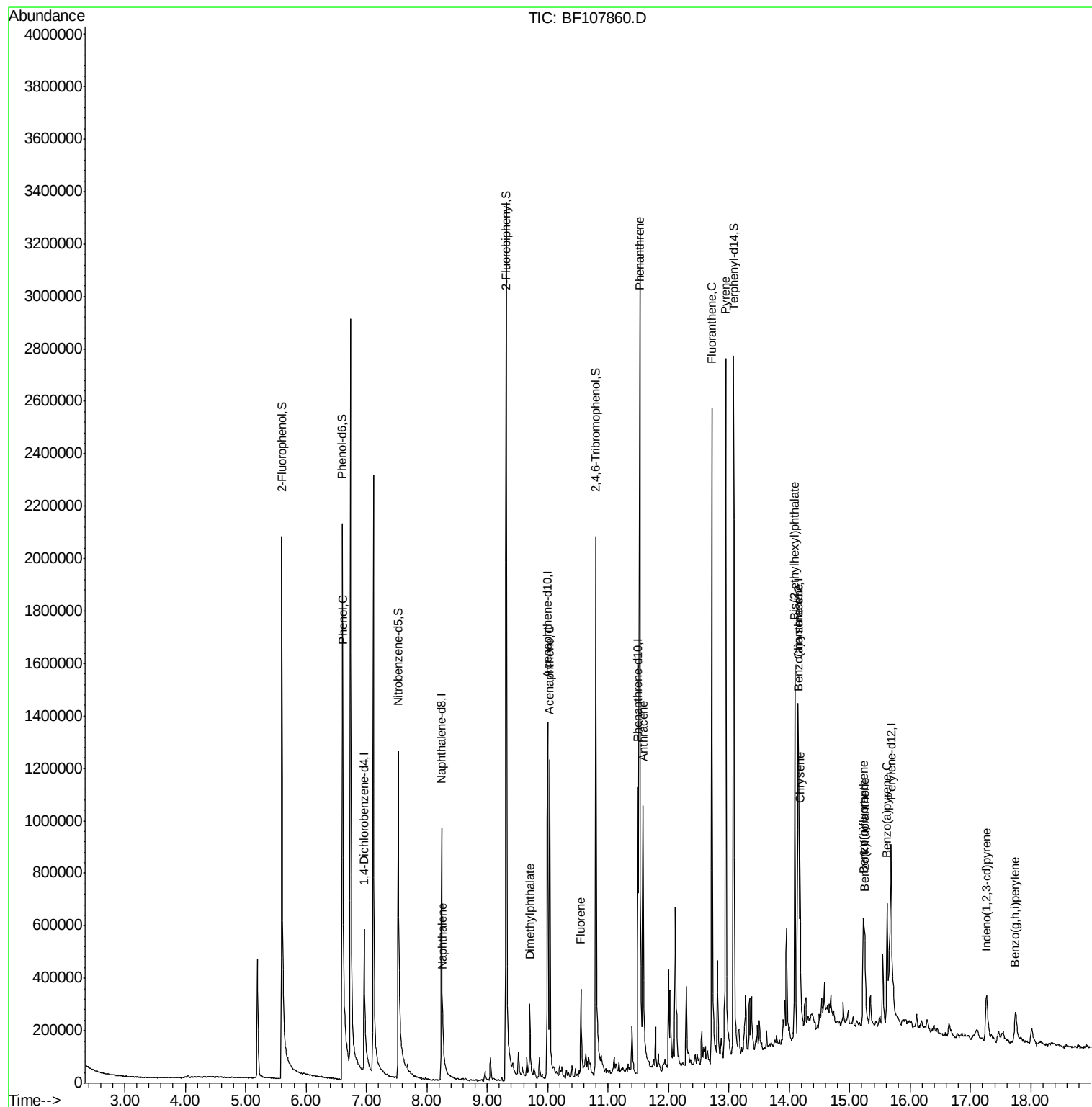
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107860.D
Acq On : 31 Jul 2018 20:07
Operator : JU/SJ
Sample : J4231-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

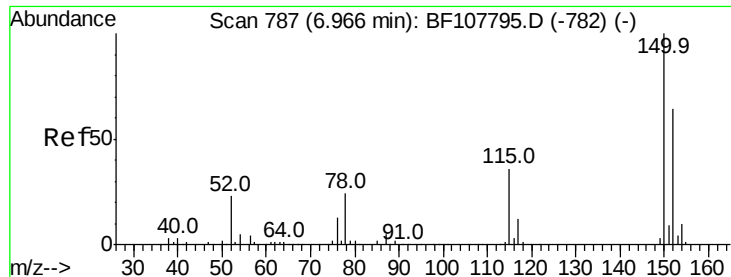
Instrument :
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2018-NYSEG-CLARK-AREA-14-1

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#1

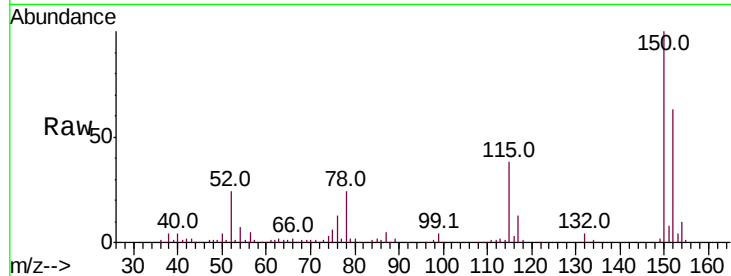
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	61.0	50.1	75.1

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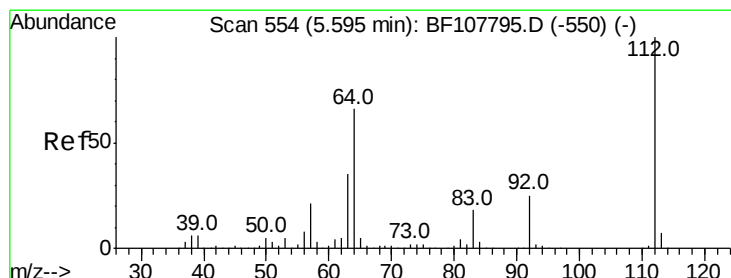
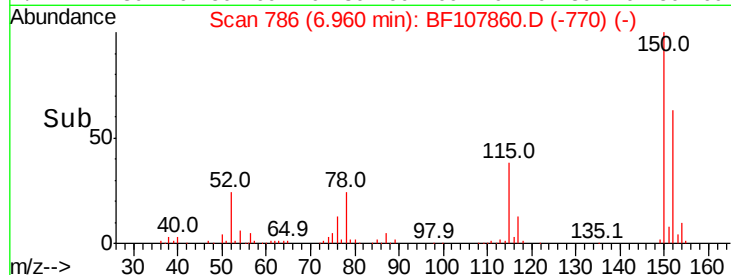
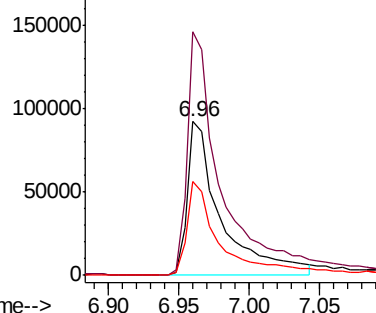


Abundance

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: 100.556 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

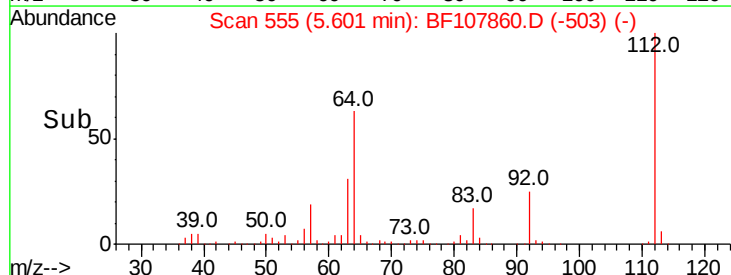
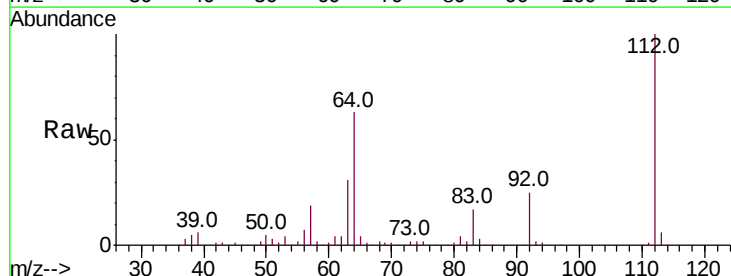
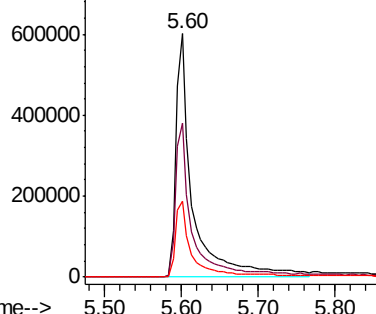
Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	31.2	23.7	35.5

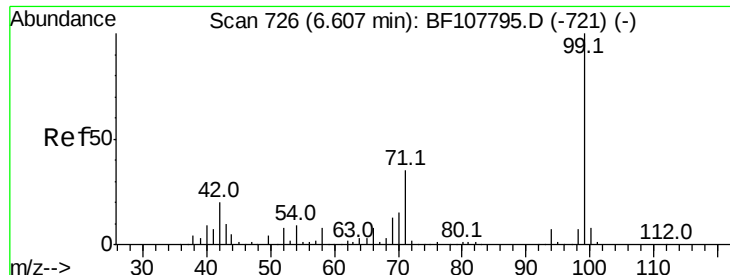
Abundance

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: 99.031 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107860.D

Acq: 31 Jul 2018 20:07

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

Tot Ion: 99 Resp: 1184267

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

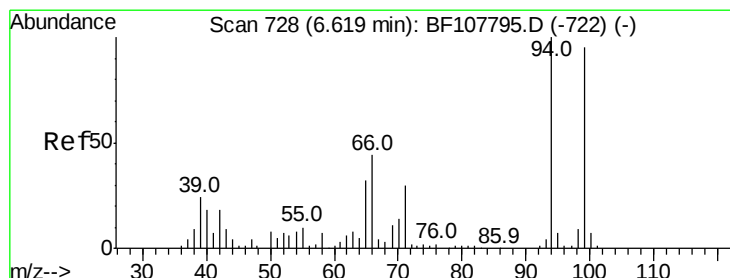
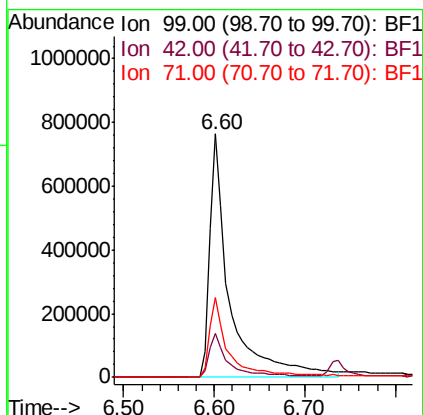
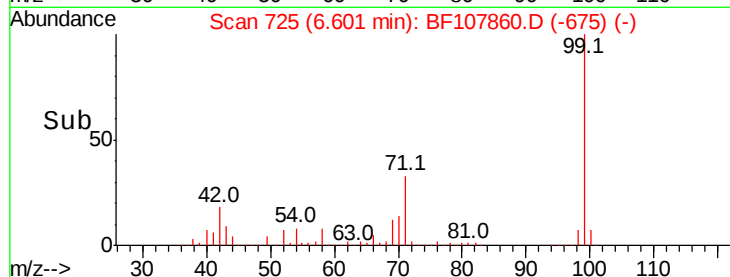
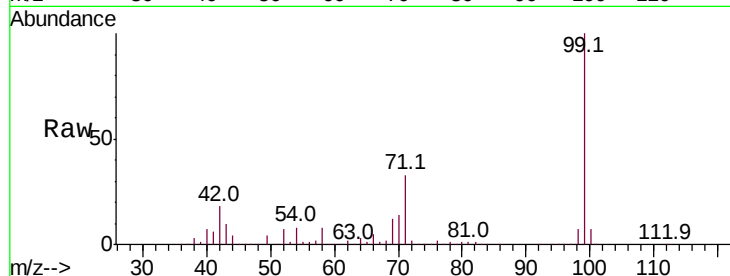
71 32.6 25.4 38.0

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#10

Phenol

Concen: 2.248 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107860.D

Acq: 31 Jul 2018 20:07

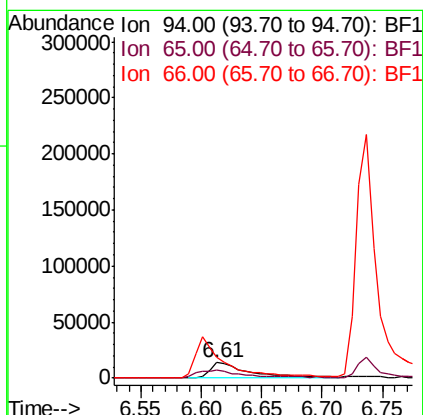
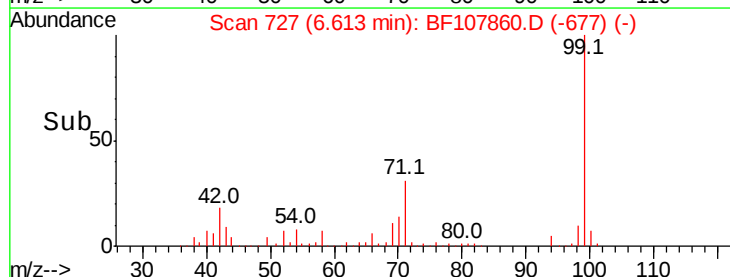
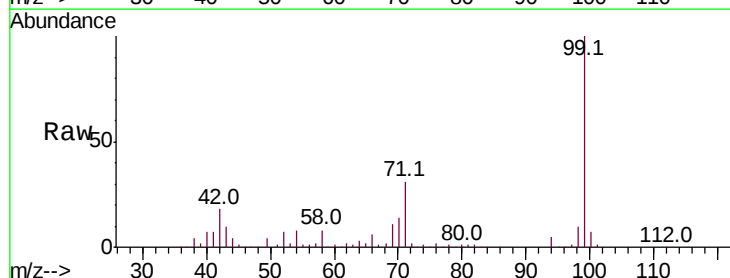
Tgt Ion: 94 Resp: 32055

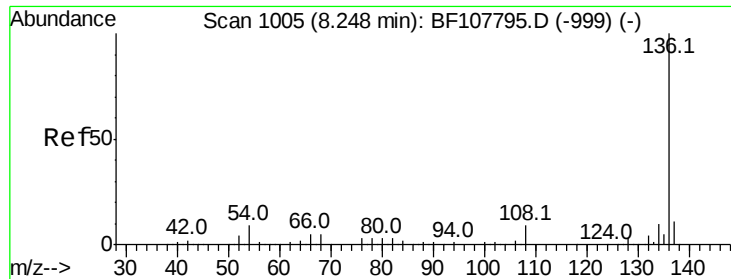
Ion Ratio Lower Upper

94 100

65 51.1 7.9 47.9#

66 130.2 16.2 56.2#





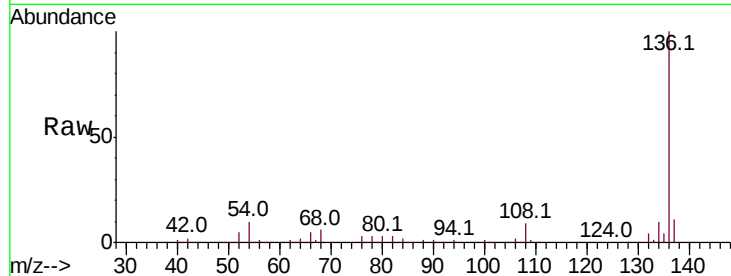
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

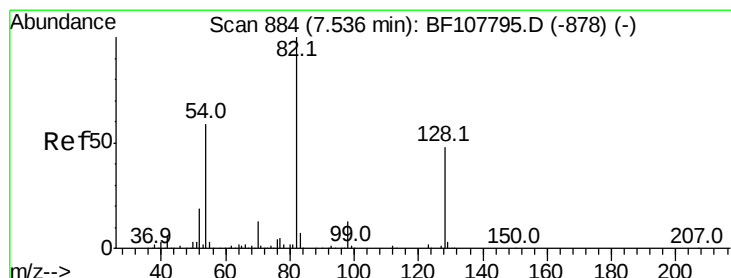
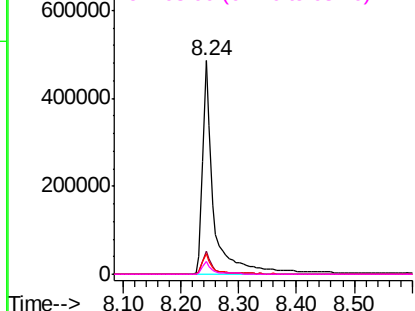
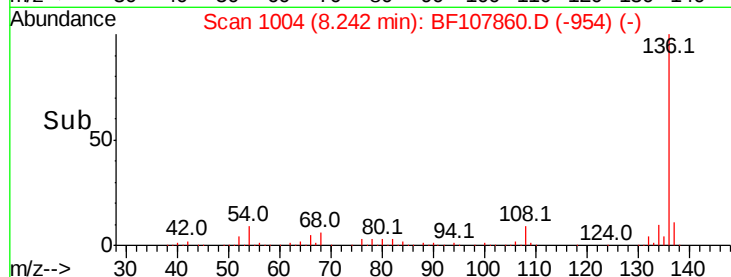
Tot Ion	Ratio	Resp	Lower	Upper
136	100	679221		
137	11.0	8.9	13.3	
54	9.5	6.6	9.8	
68	6.1	5.0	7.4	

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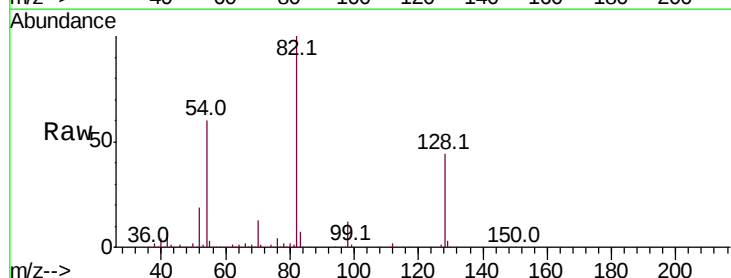


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

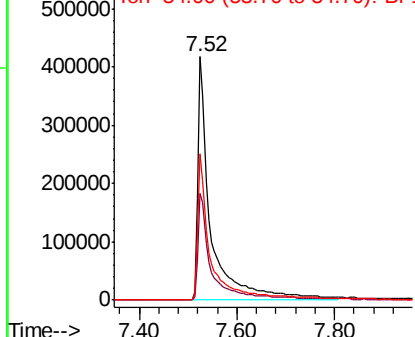
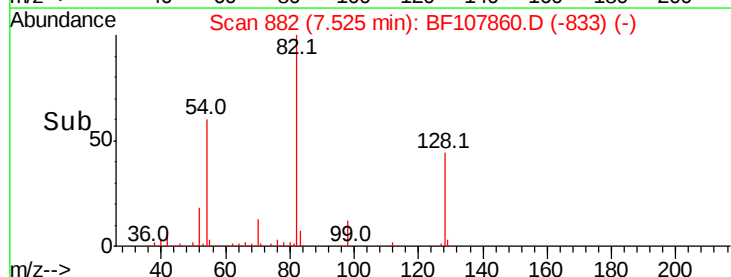


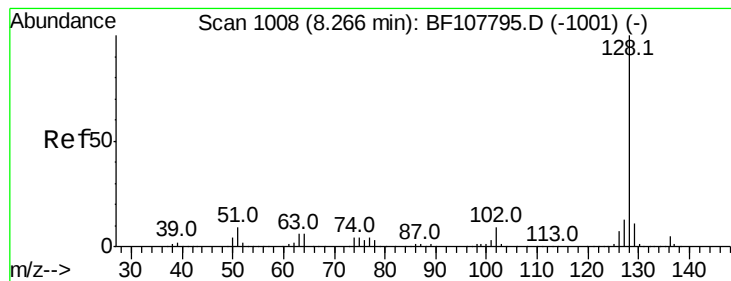
#23
Nitrobenzene-d5
Concen: 67.216 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	792466		
128	44.0	36.1	54.1	
54	60.0	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





#31

Naphthalene

Concen: 2.279 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107860.D

Acq: 31 Jul 2018 20:07

Instrument :

BNA_F

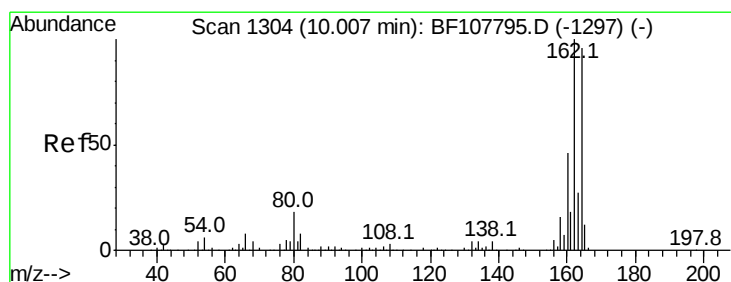
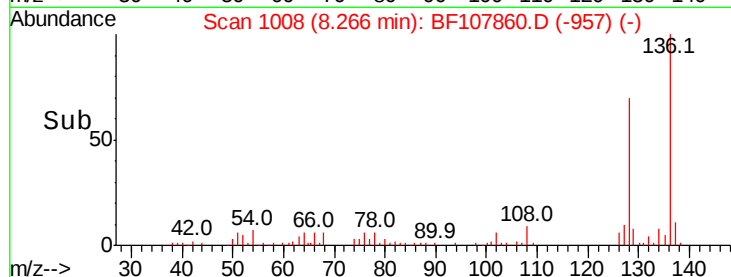
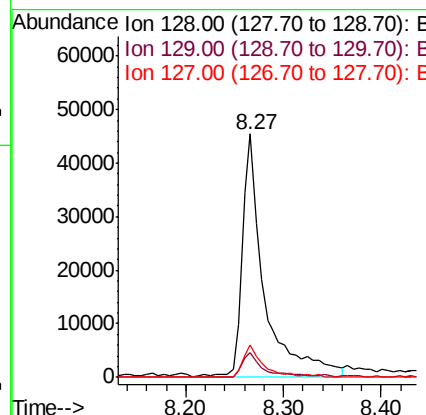
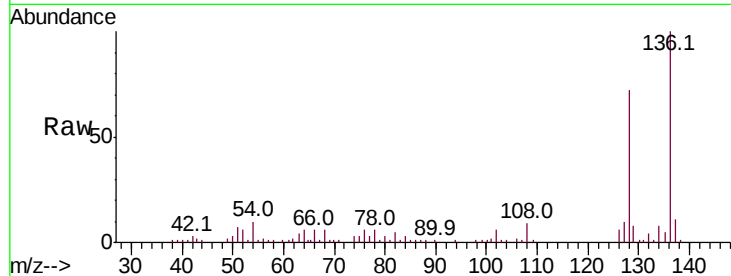
ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

Tot Ion:	128	Resp:	71946
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.8	13.2
127	13.2	10.9	16.3

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#38

Acenaphthene-d10

Concen: 20.000 ng

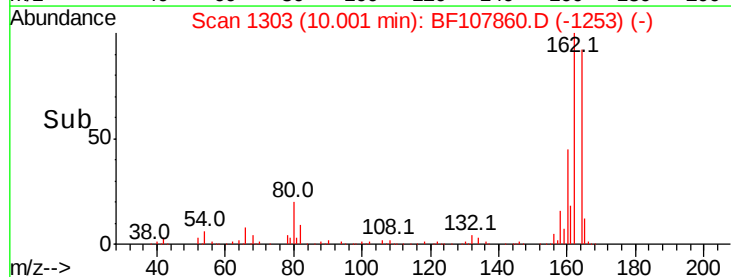
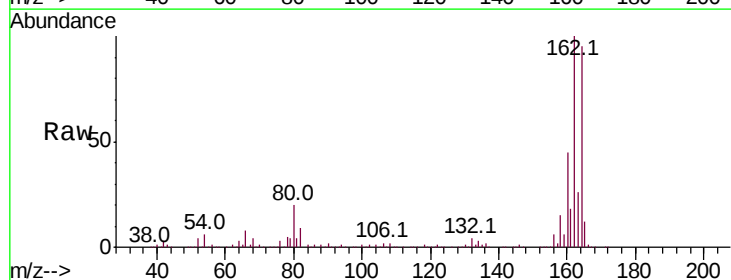
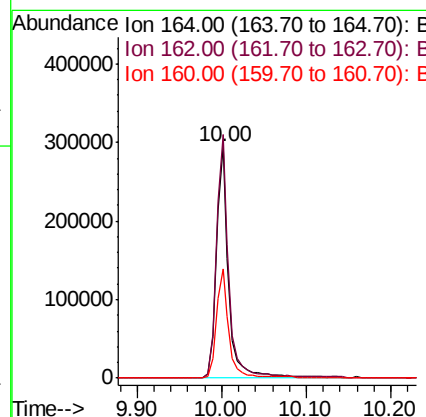
RT: 10.00 min Scan# 1303

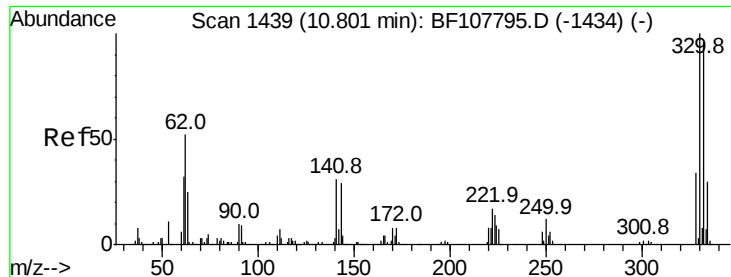
Delta R.T. -0.01 min

Lab File: BF107860.D

Acq: 31 Jul 2018 20:07

Tgt Ion:	164	Resp:	308323
Ion Ratio	Lower	Upper	
164	100		
162	105.0	86.1	129.1
160	47.3	38.3	57.5





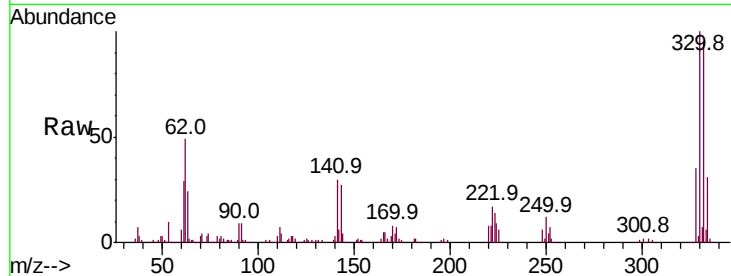
#41
 2,4,6-Tribromophenol
 Concen: 85.712 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.1	77.0	115.6	
141	28.9	29.9	44.9	

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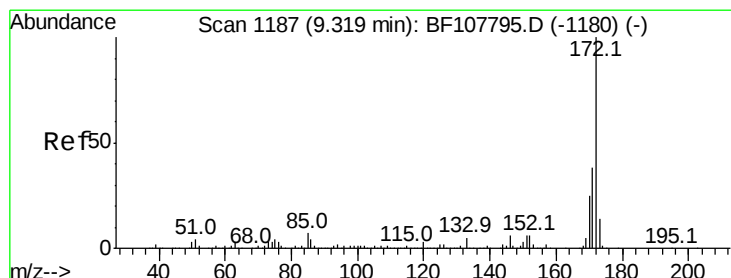
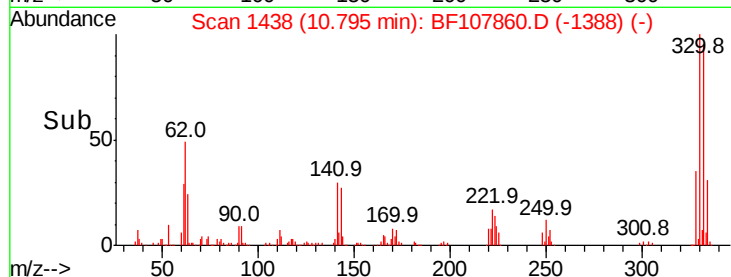
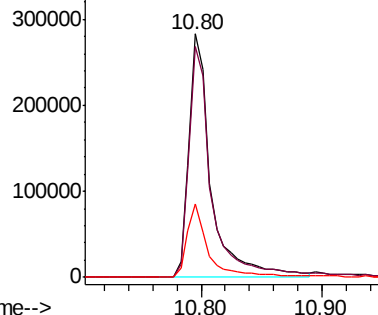


Abundance

Ion 329.80 (329.50 to 330.50): E

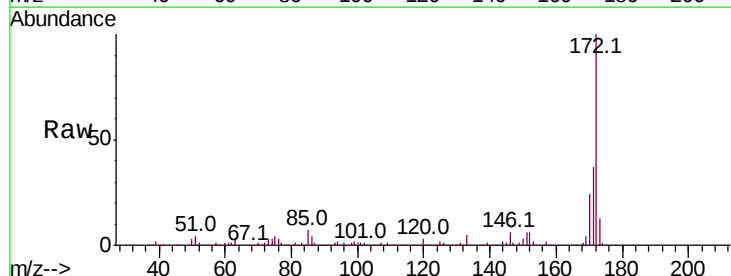
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.404 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

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

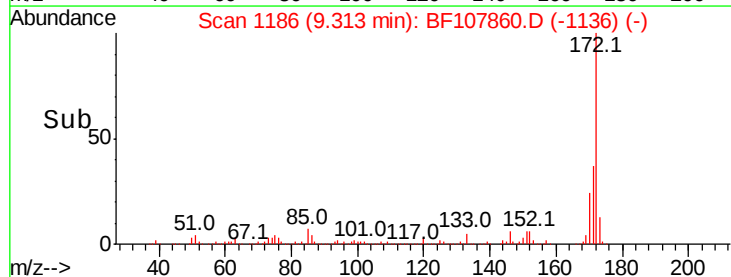
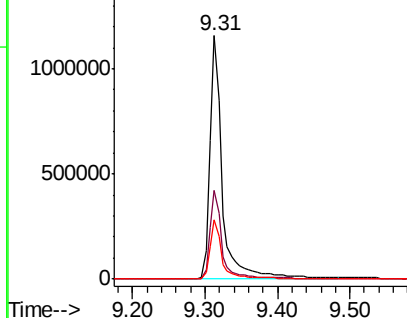


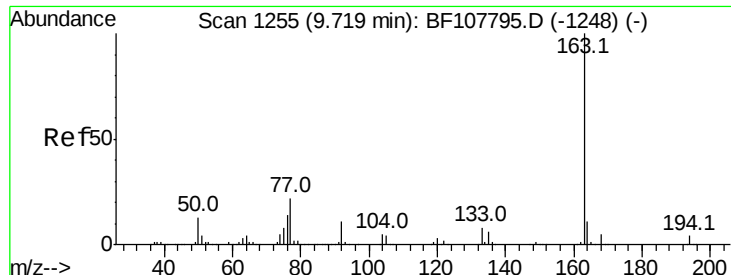
Abundance

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





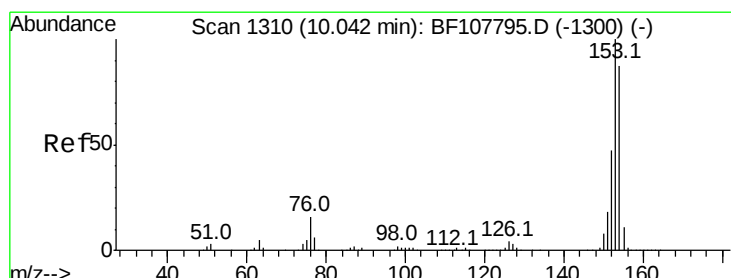
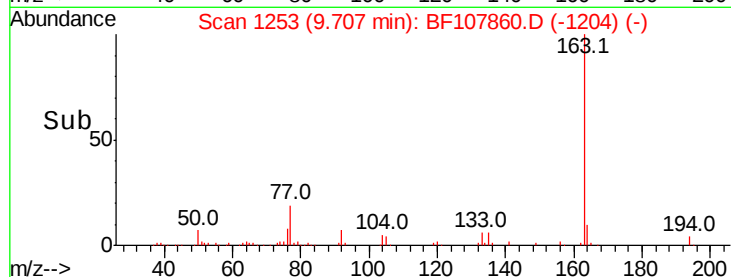
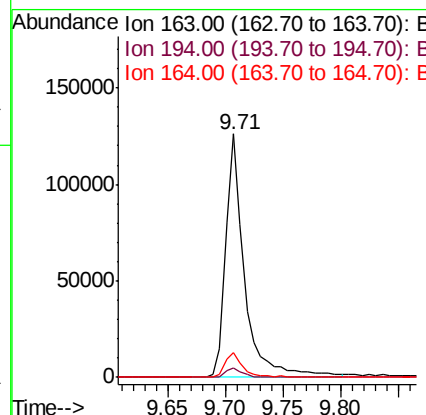
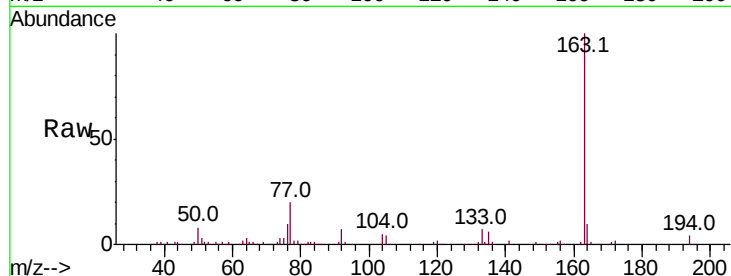
#49
Dimethylphthalate
Concen: 6.198 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.0	8.2	12.2	

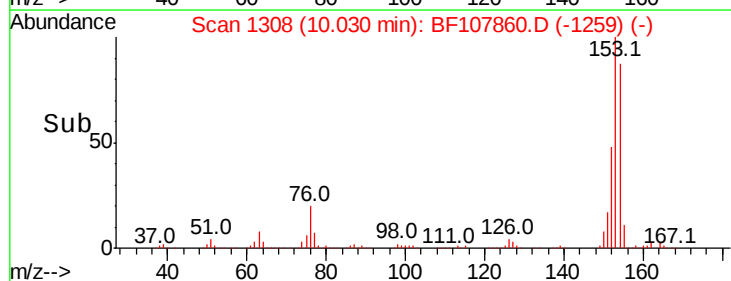
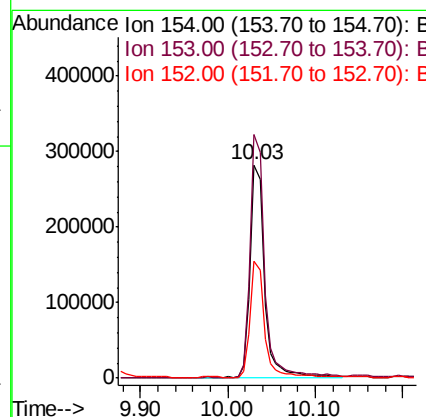
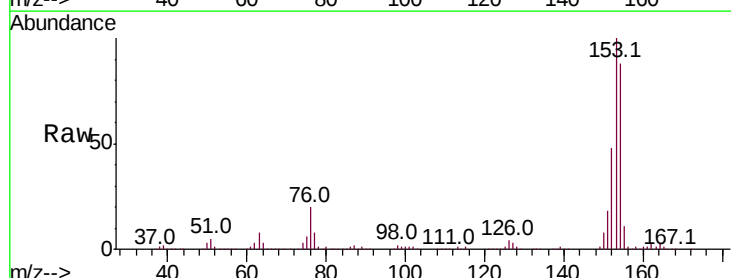
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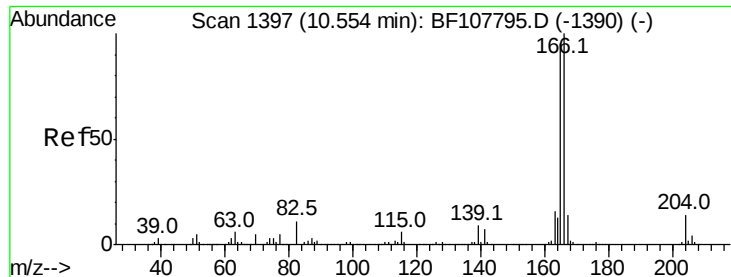
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#51
Acenaphthene
Concen: 16.516 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.0	91.2	136.8	
152	55.0	43.8	65.8	





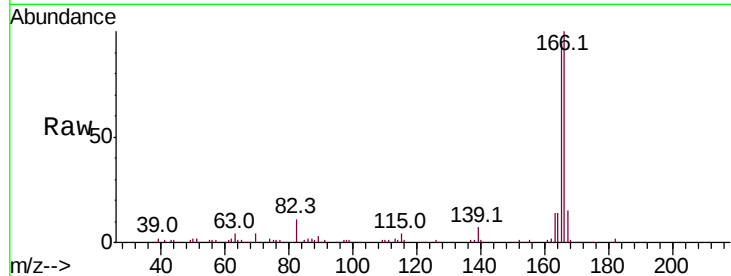
#57
Fluorene
 Concen: 7.079 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

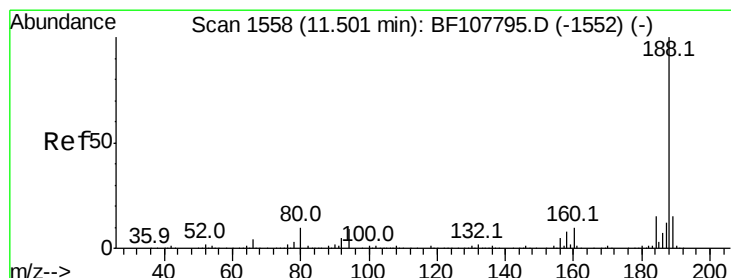
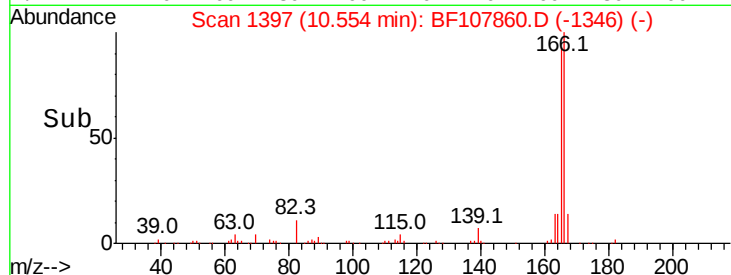
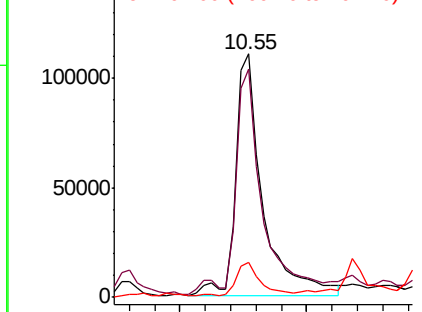
Tot Ion	Ratio	Resp	Lower	Upper
166	100	162031		
165	93.6	79.8	119.8	
167	14.5	10.6	16.0	

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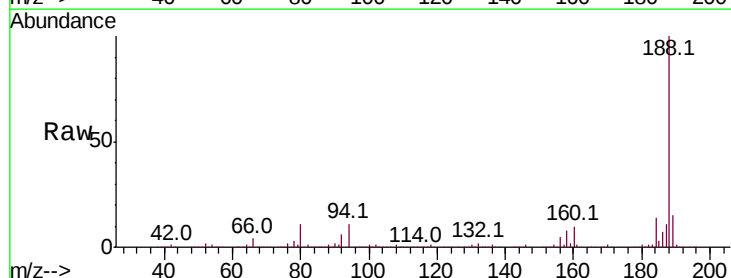


Abundance Ion 166.00 (165.70 to 166.70): E
 150000 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

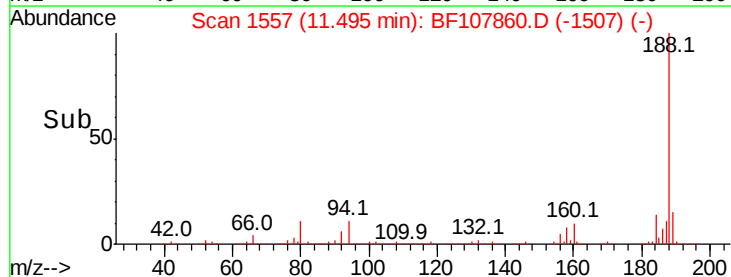
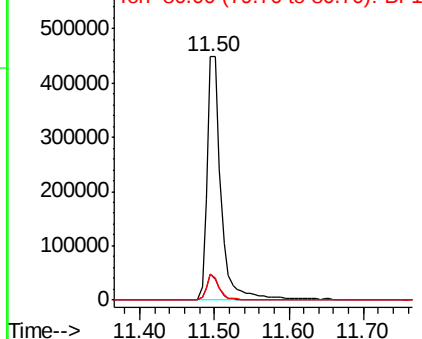


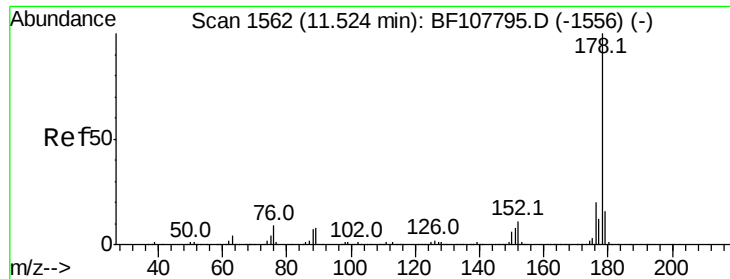
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	589061		
94	10.8	8.5	12.7	
80	10.8	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
 600000 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 51.632 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107860.D

Acq: 31 Jul 2018 20:07

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

Tot Ion:178 Resp: 1444174

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

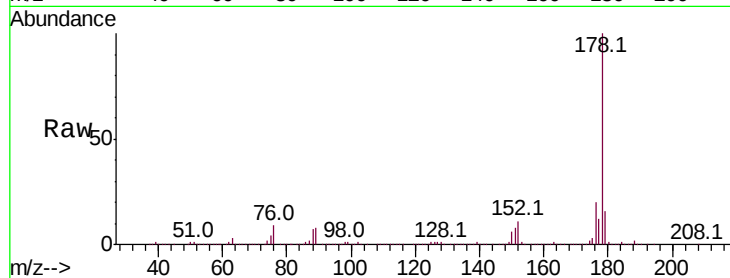
179 16.0 13.0 19.6

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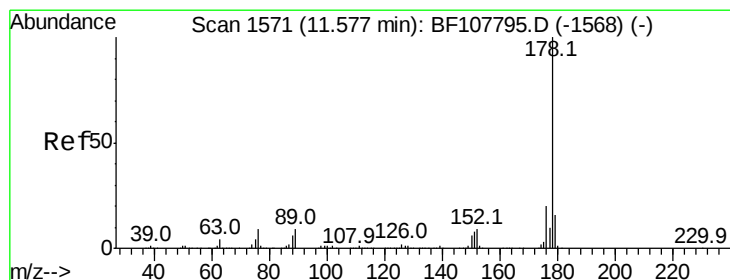
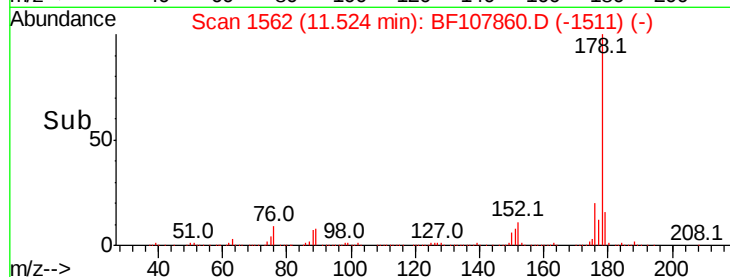
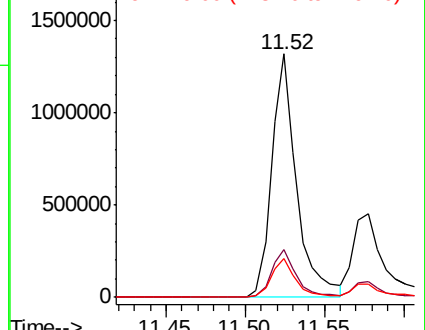
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 22.051 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF107860.D

Acq: 31 Jul 2018 20:07

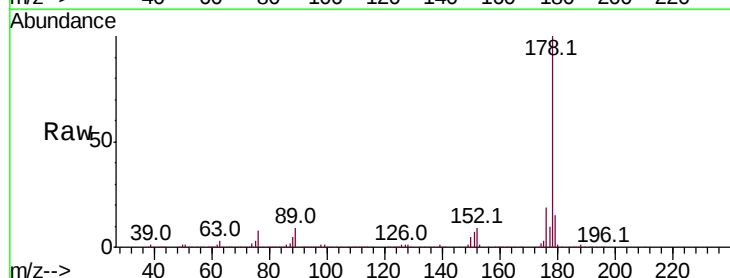
Tgt Ion:178 Resp: 711403

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

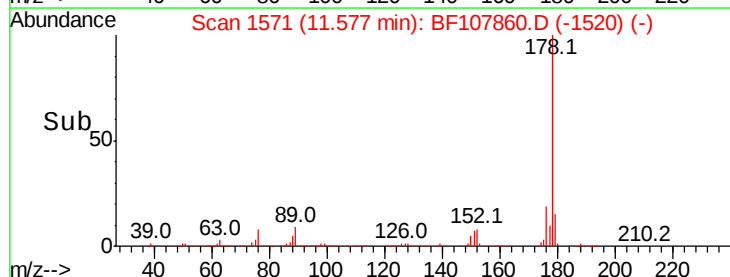
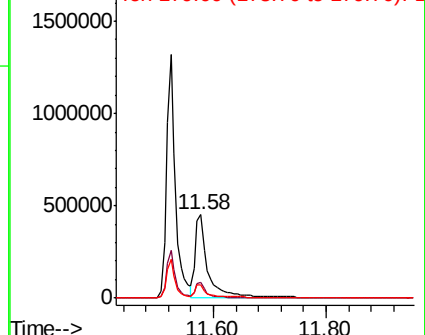
179 15.2 12.6 19.0

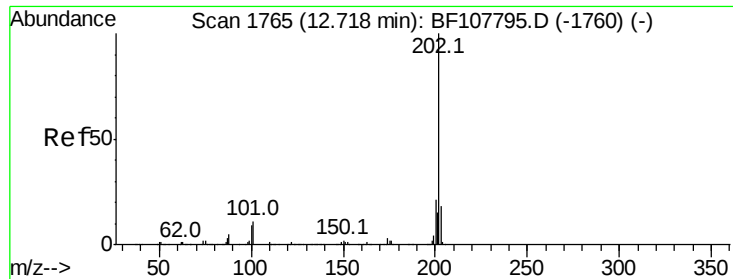


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 37.640 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107860.D

Acq: 31 Jul 2018 20:07

Instrument :

BNA_F

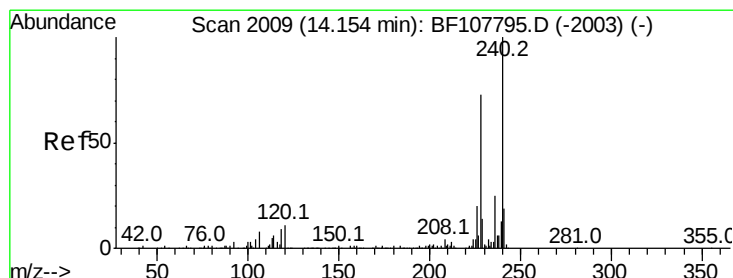
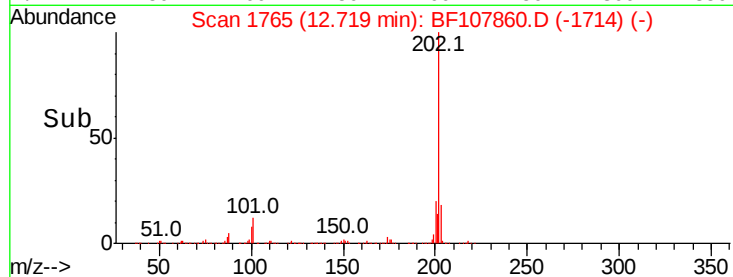
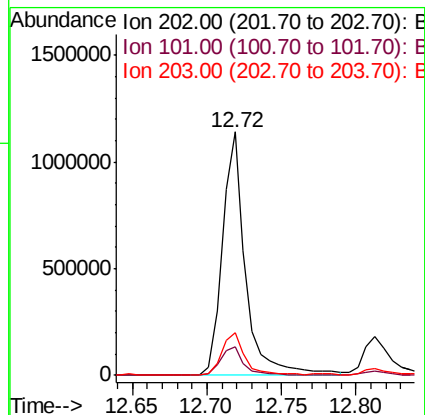
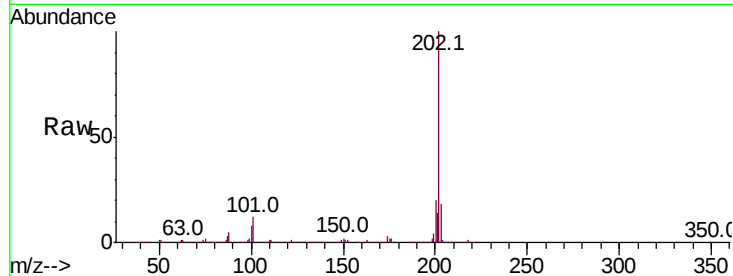
ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

Tot Ion:	202	Resp:	1236854
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

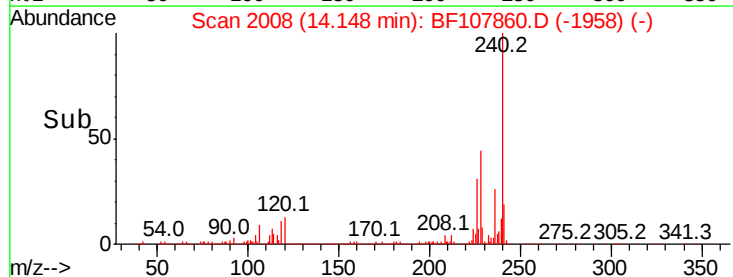
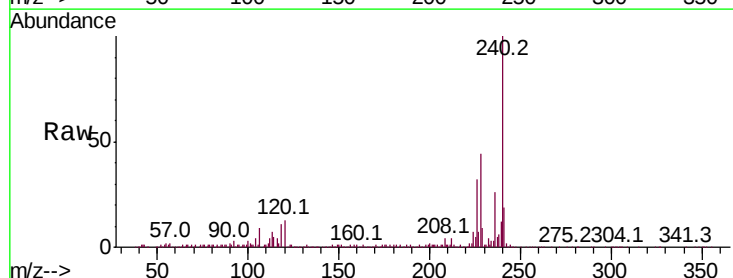
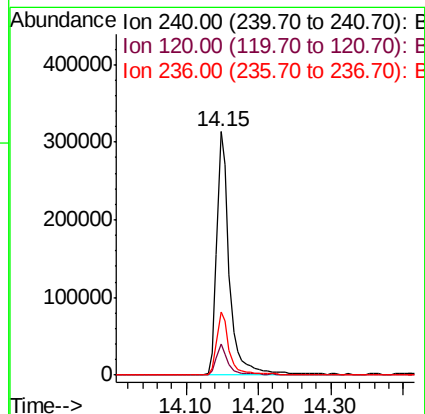
RT: 14.15 min Scan# 2008

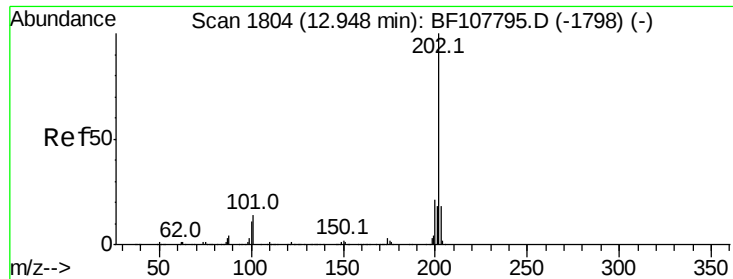
Delta R.T. -0.01 min

Lab File: BF107860.D

Acq: 31 Jul 2018 20:07

Tgt Ion:	240	Resp:	386904
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	25.9	20.7	31.1





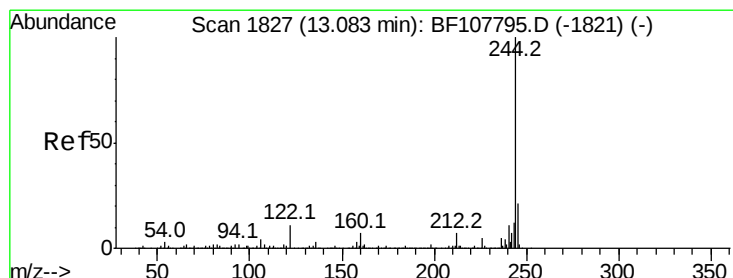
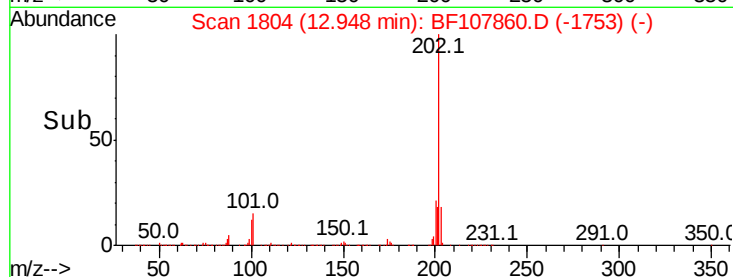
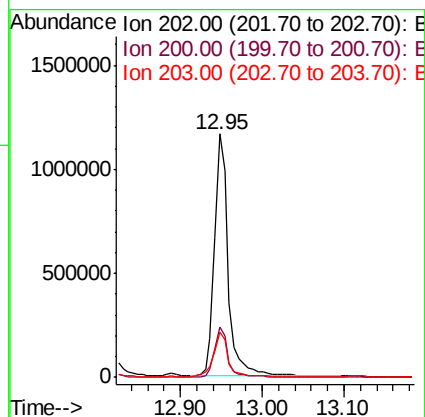
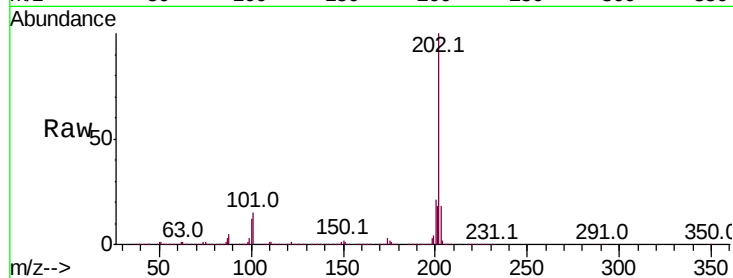
#77
Pvrene
Concen: 49.009 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.3	14.3	21.5

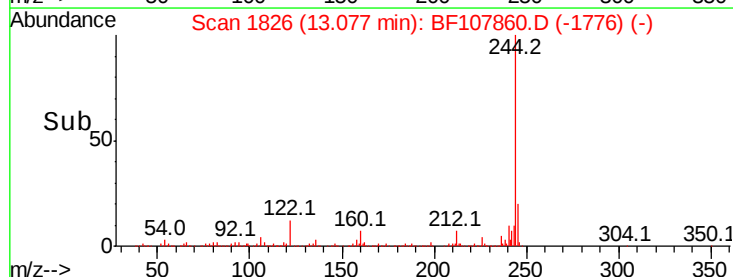
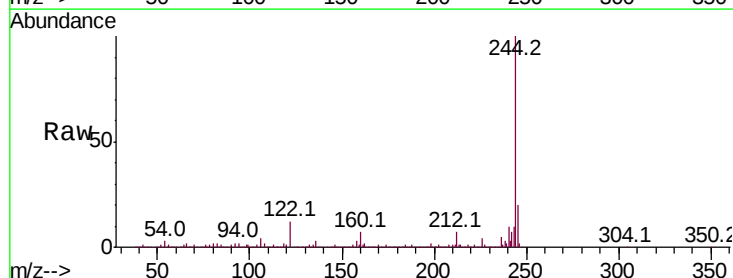
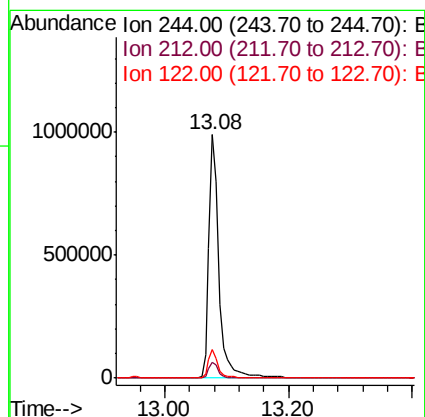
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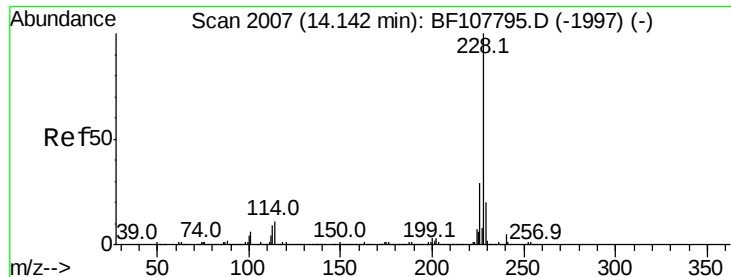
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#78
Terphenyl-d14
Concen: 63.017 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.9	11.0	16.4





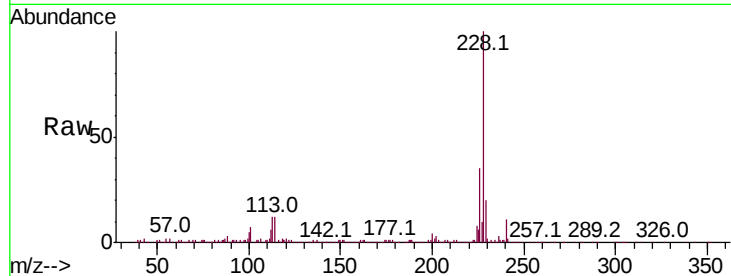
#80
Benzo(a)anthracene
Concen: 16.240 ng m
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.2	22.6	33.8#
229	20.2	15.8	23.6

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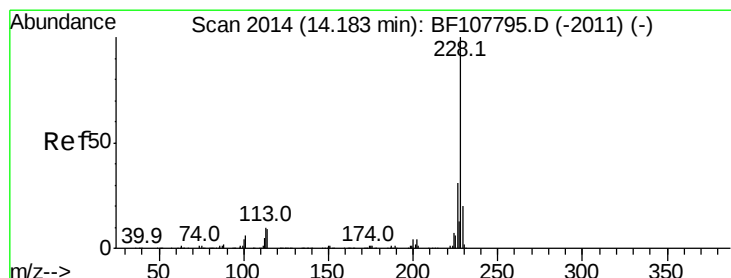
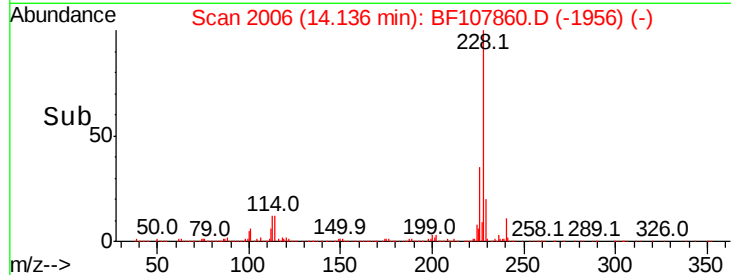
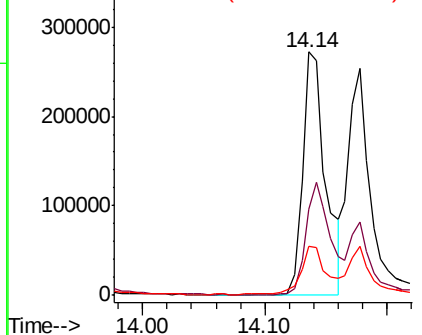


Abundance

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: 13.756 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

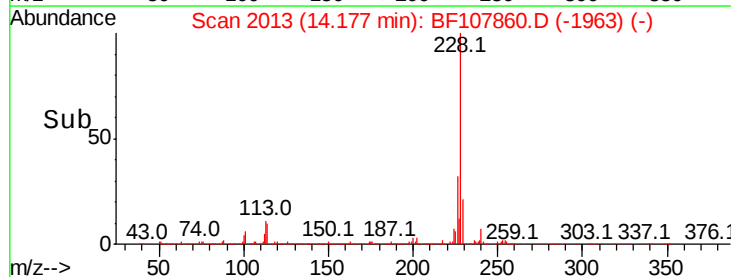
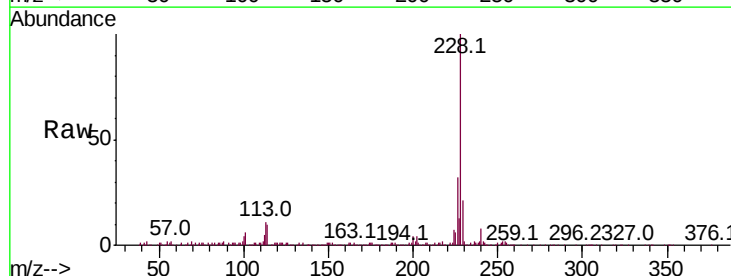
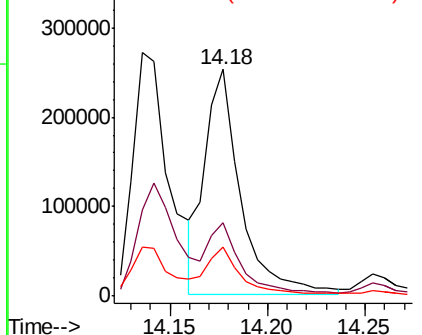
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	21.5	16.2	24.4

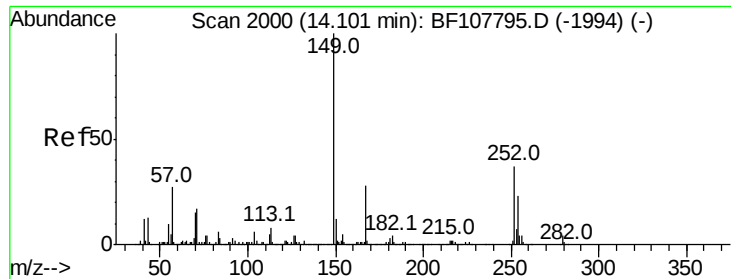
Abundance

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





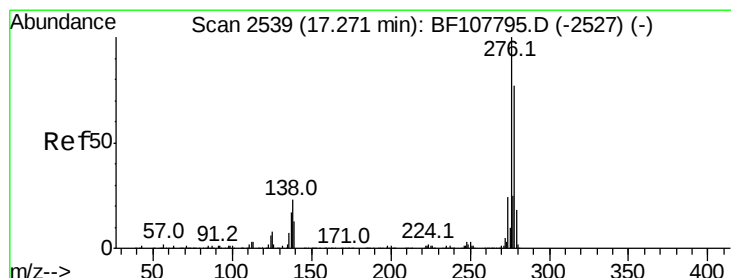
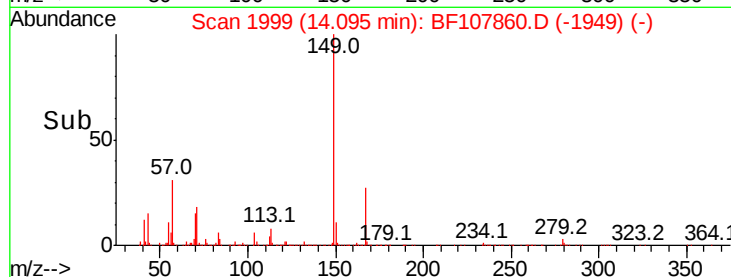
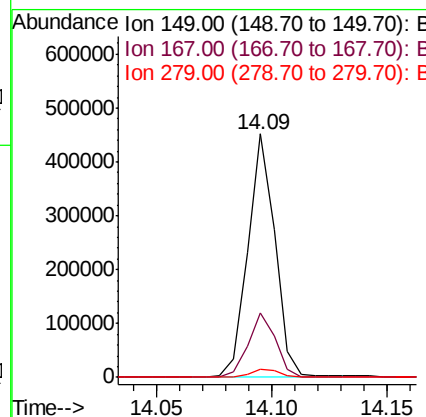
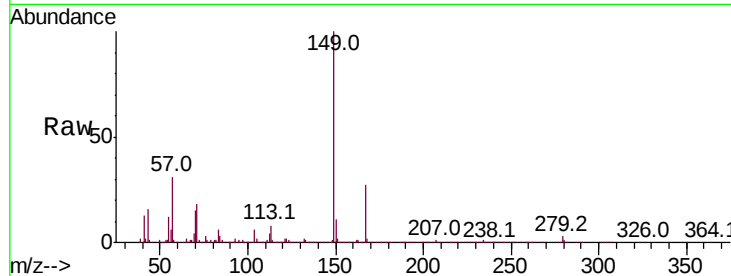
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.031 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.6	21.3	31.9	
279	3.4	3.0	4.4	

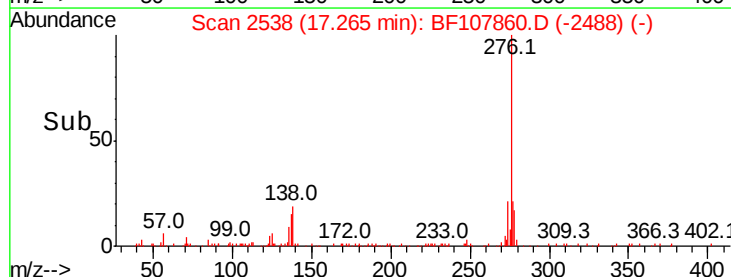
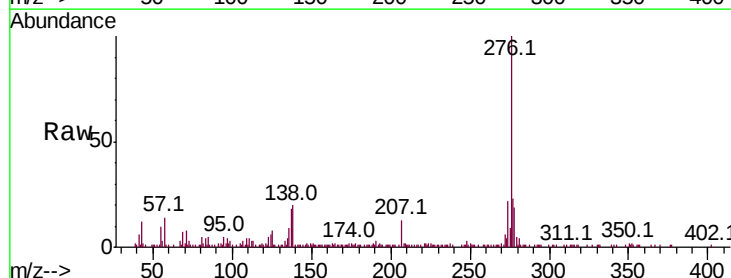
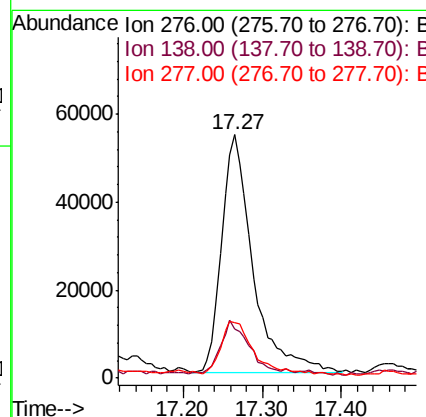
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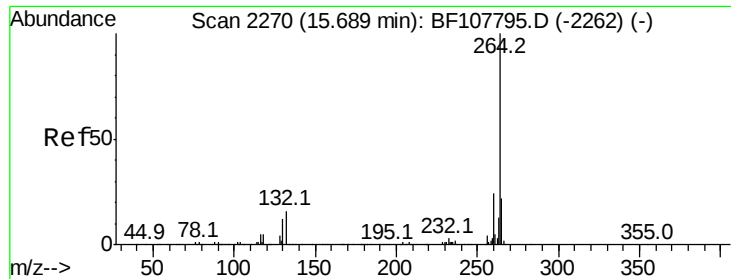
Sohil
 8/1/2018 5:01:50 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.166 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	20.4	25.0	37.6#	
277	25.5	20.1	30.1	





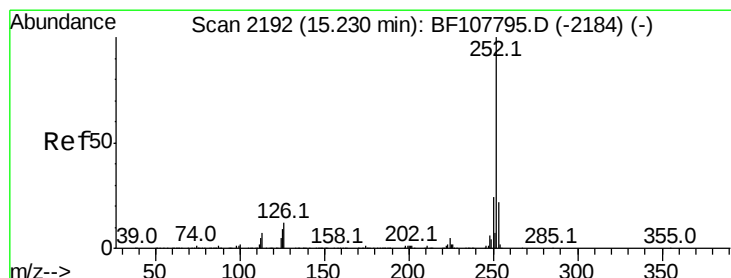
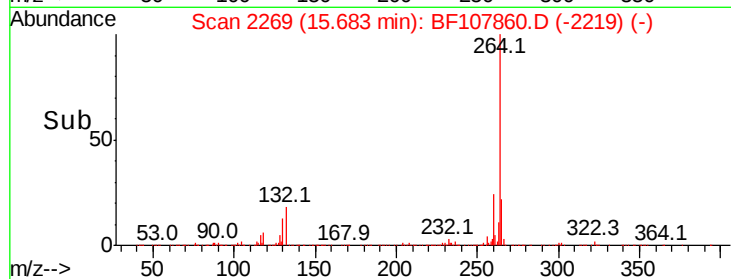
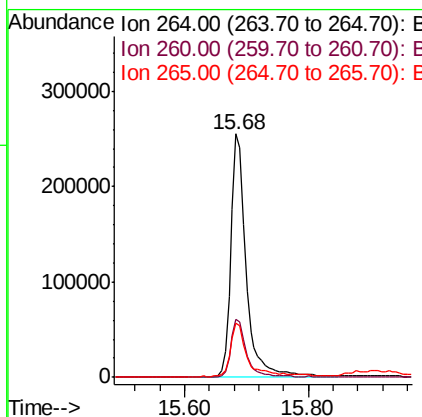
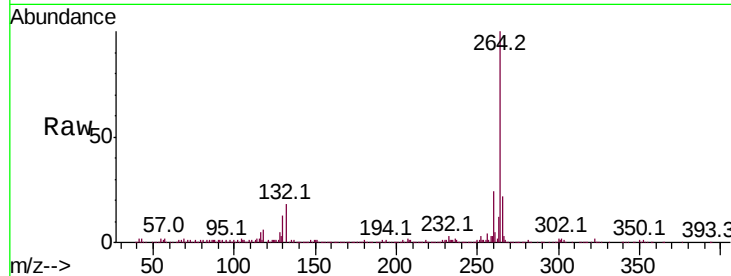
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tot Ion:	264	Resp:	443831
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3

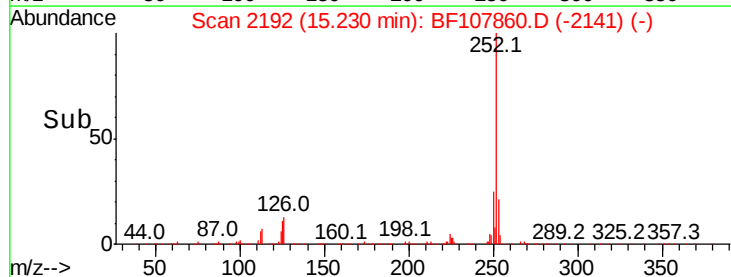
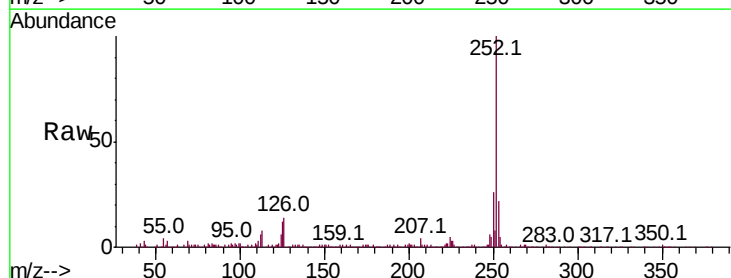
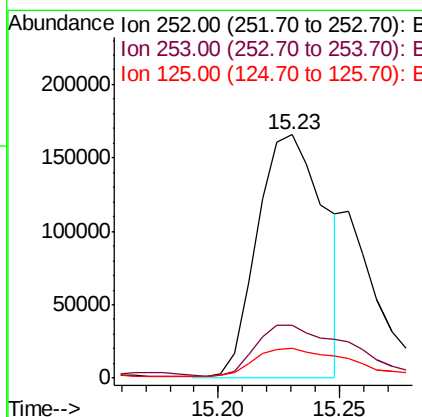
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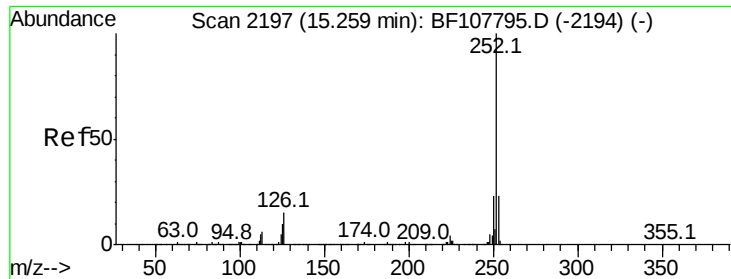
Sohil
8/1/2018 5:01:50 PM



#87
Benzo(b)fluoranthene
Concen: 14.674 ng m
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Tgt Ion:	252	Resp:	321201
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	12.2	9.0	13.6





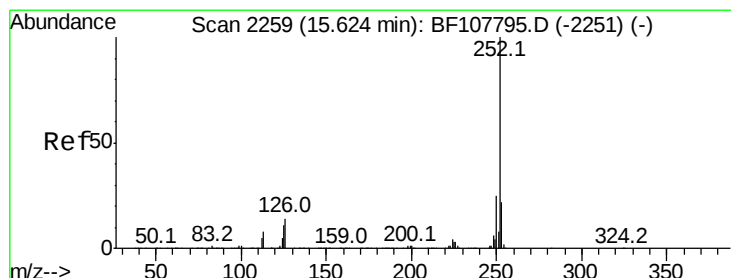
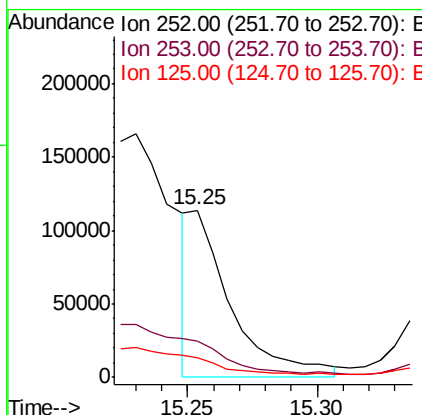
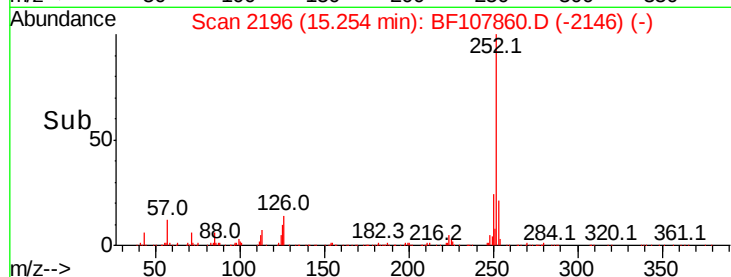
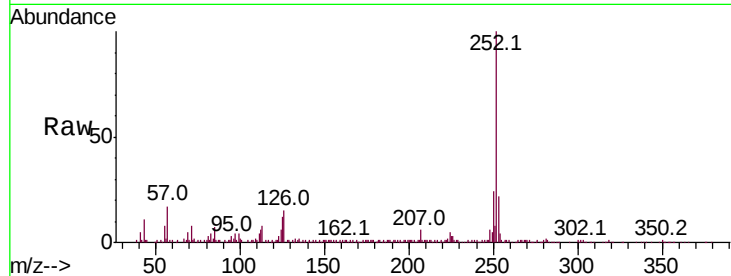
#88
Benzo(k)fluoranthene
Concen: 4.677 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.7	10.2	15.2

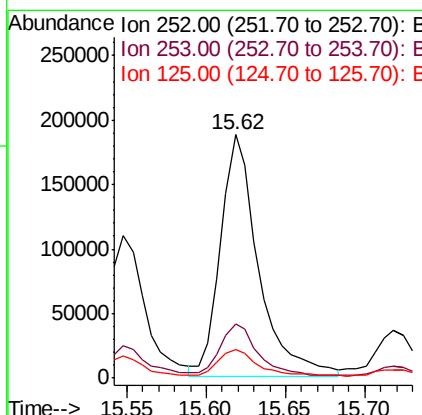
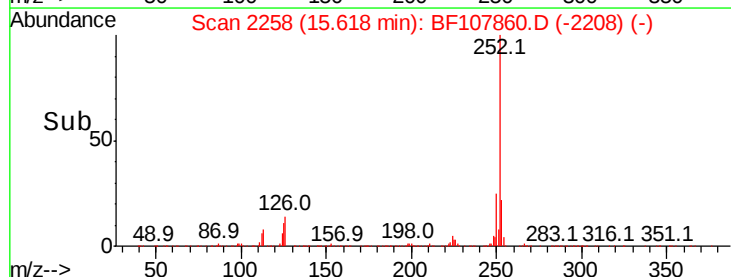
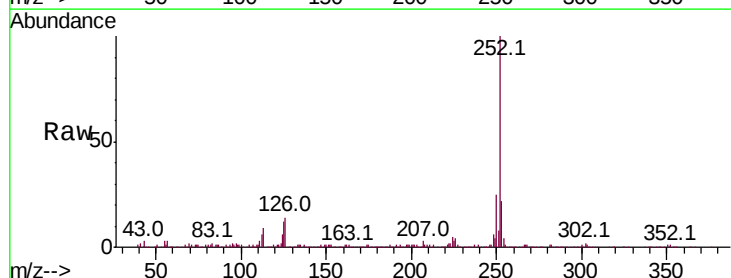
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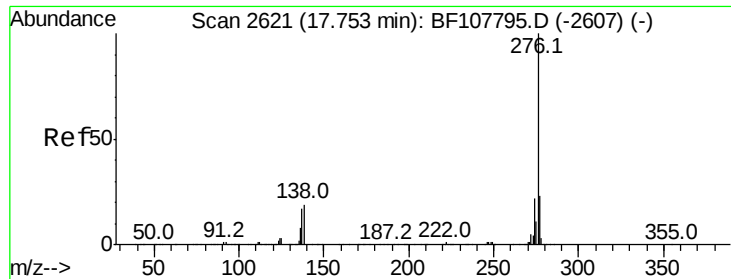
Sohil
8/1/2018 5:01:50 PM



#89
Benzo(a)pyrene
Concen: 13.875 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107860.D
Acq: 31 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 7.386 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107860.D
 Acq: 31 Jul 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	21.7	21.8	32.8#

Manual Integrations
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 8/1/2018 5:01:50 PM

