

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107678.D
 Acq On : 26 Jul 2018 1:53
 Operator : JU/SJ
 Sample : J4126-01DL 4X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13DL

Manual Integrations
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Sohil
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Quant Time: Jul 26 04:22:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	182431	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	720729	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	275763	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	470946	20.00	ng	0.00
75) Chrysene-d12	14.16	240	373124	20.00	ng	0.00
86) Perylene-d12	15.69	264	321164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194660	17.16	ng	-0.01
7) Phenol-d6	6.60	99	278669	20.45	ng	-0.02
23) Nitrobenzene-d5	7.53	82	163569	15.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	61199	19.52	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	288703	11.24	ng	-0.02
78) Terphenyl-d14	13.09	244	212826	14.60	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	63573	3.059	ng	Qvalue 100
57) Fluorene	10.56	166	45382	2.500	ng	86
70) Phenanthrene	11.53	178	709040	30.896	ng	99
71) Anthracene	11.58	178	187445	8.112	ng	99
72) Carbazole	11.74	167	60568	2.521	ng	99
74) Fluoranthene	12.72	202	1267032	51.450	ng	97
77) Pyrene	12.96	202	1064149	41.695	ng	98
80) Benzo(a)anthracene	14.15	228	471666	21.571	ng	98
82) Chrysene	14.18	228	460809	21.939	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	66116	4.269	ng	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	187763	10.547	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	470747m	26.782	ng	
88) Benzo(k)fluoranthene	15.26	252	185013m	10.744	ng	
89) Benzo(a)pyrene	15.63	252	323740	20.135	ng	100
90) Dibenzo(a,h)anthracene	17.29	278	39408m	2.835	ng	
91) Benzo(g,h,i)perylene	17.75	276	185471	13.529	ng	# 91

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

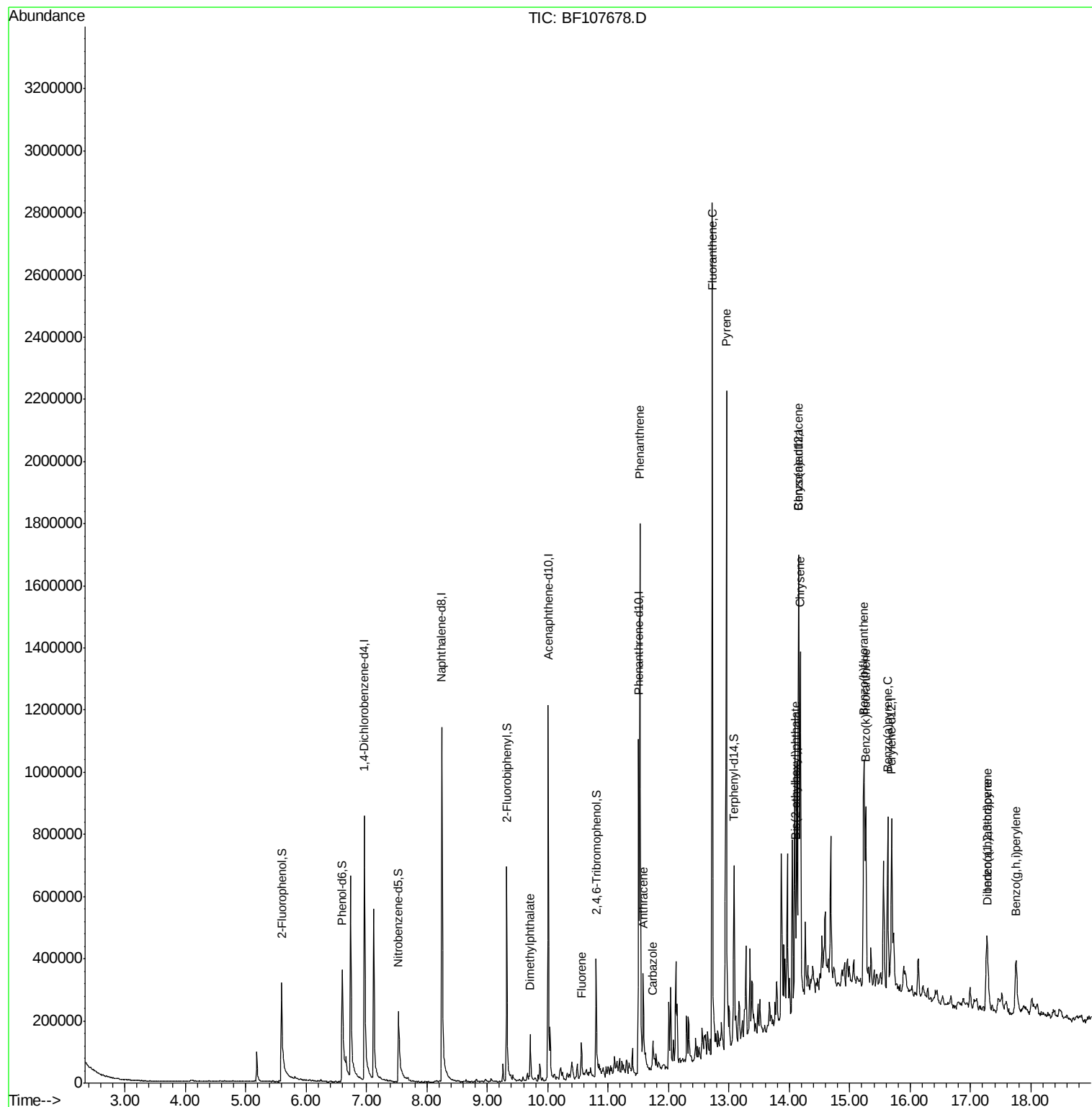
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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ALS Vial : 29 Sample Multiplier: 1

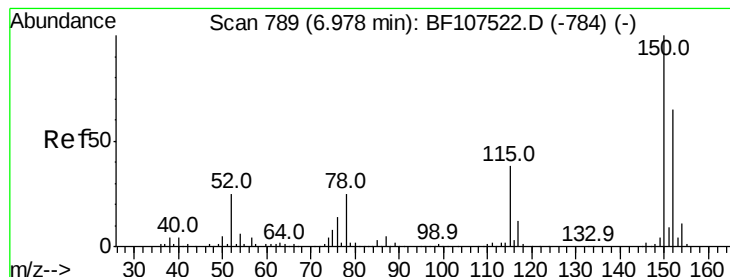
Instrument :
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2018-NYSEG-CLARK-AREA-13DL

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Quant Time: Jul 26 04:22:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

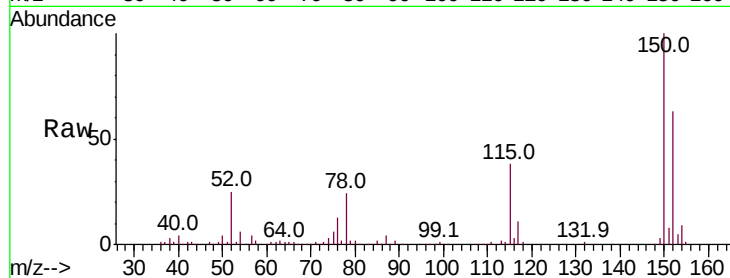
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.5	50.1	75.1

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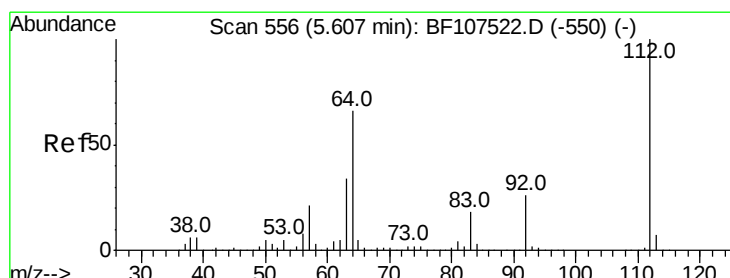
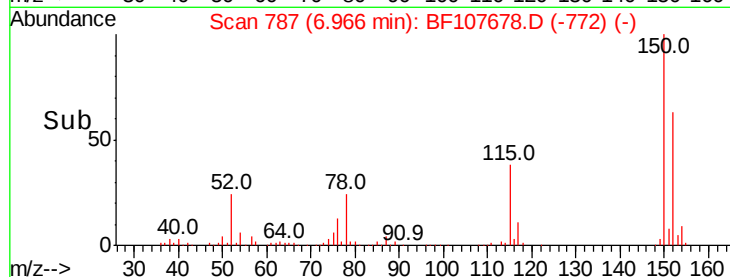
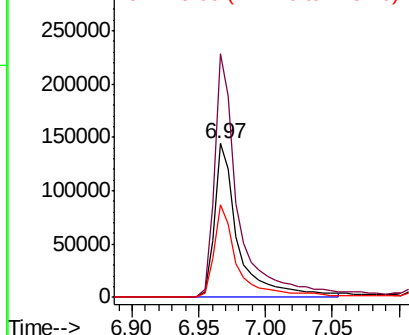


Abundance

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: 17.156 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

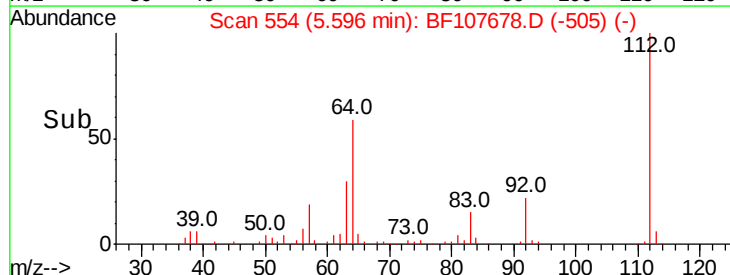
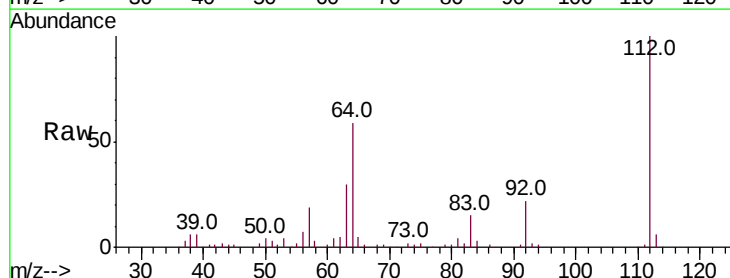
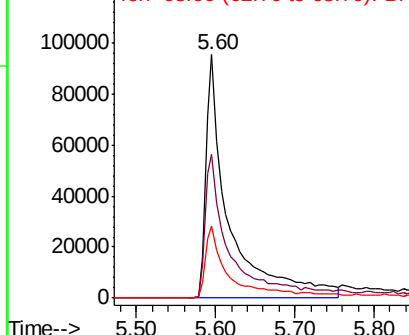
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	29.8	23.7	35.5

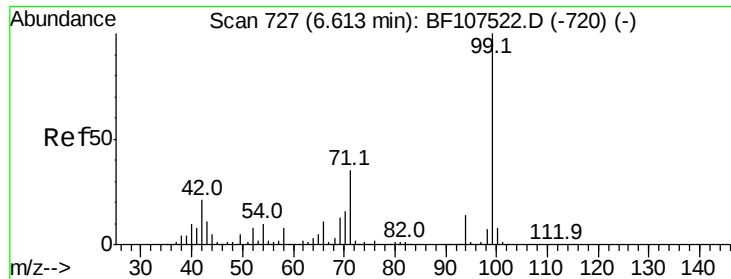
Abundance

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: 20.454 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

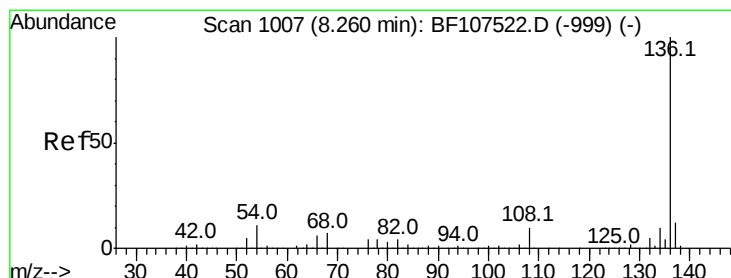
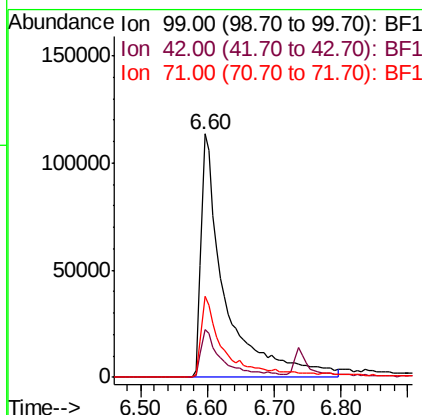
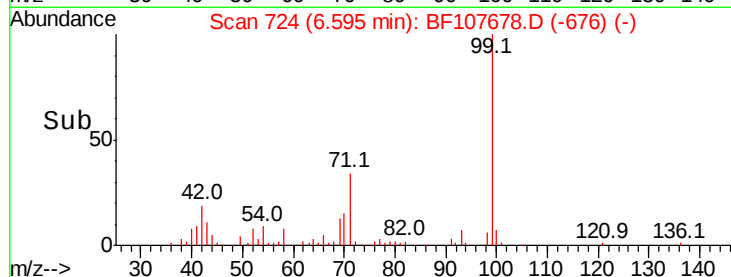
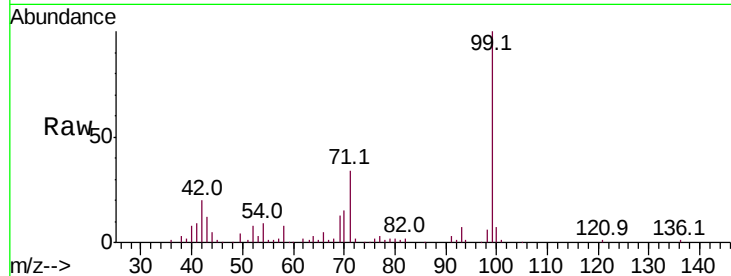
ClientSampleId :

2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		278669		
42	19.7	14.5	21.7		
71	33.5	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

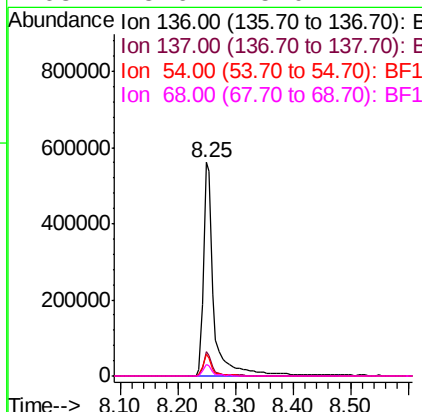
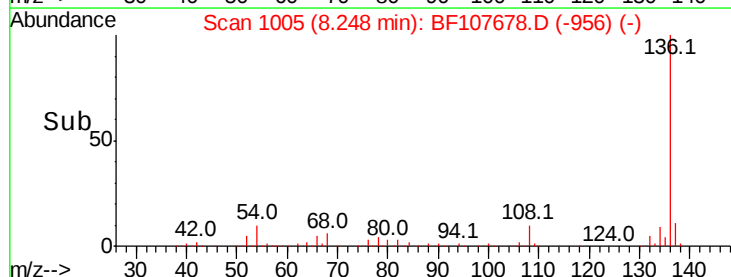
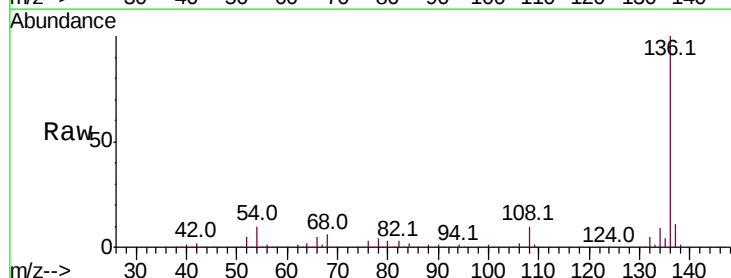
RT: 8.25 min Scan# 1005

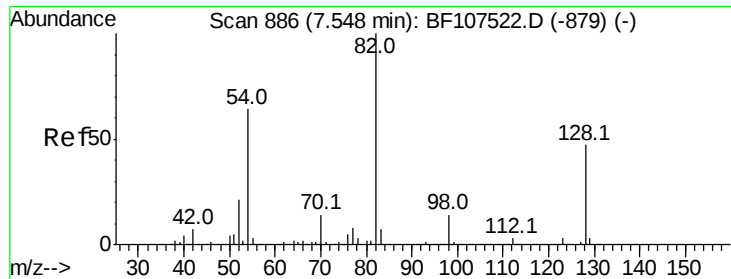
Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		720729		
137	11.3	8.9	13.3		
54	10.0	6.6	9.8		
68	5.6	5.0	7.4		





#23

Nitrobenzene-d5

Concen: 15.316 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

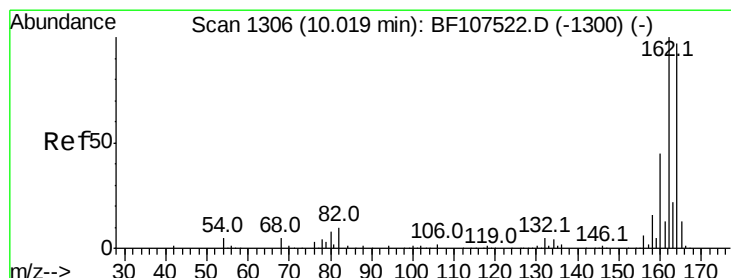
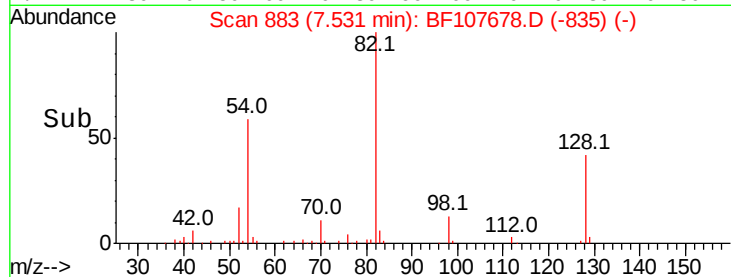
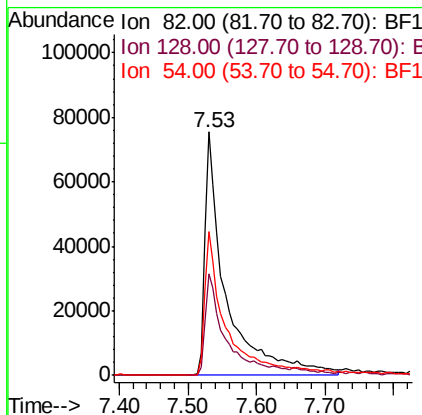
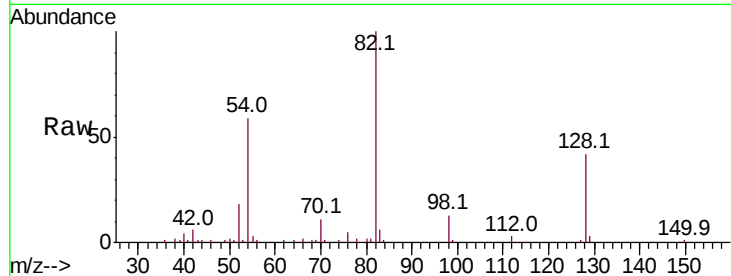
ClientSampleId :

2018-NYSEG-CLARK-AREA-13DL

Tot Ion:	82	Resp:	163569
Ion Ratio	Lower	Upper	
82	100		
128	41.5	36.1	54.1
54	58.9	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

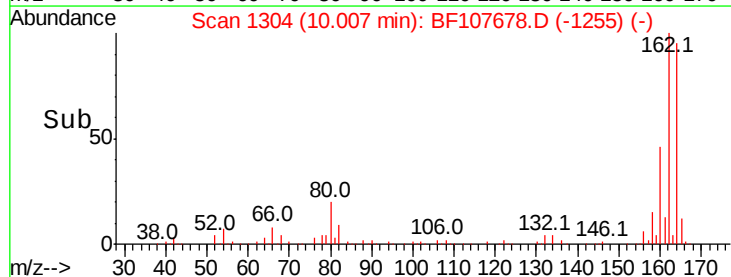
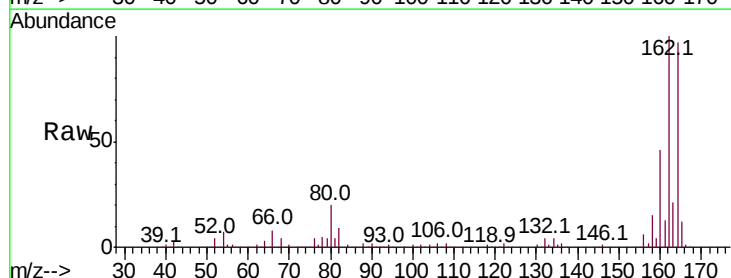
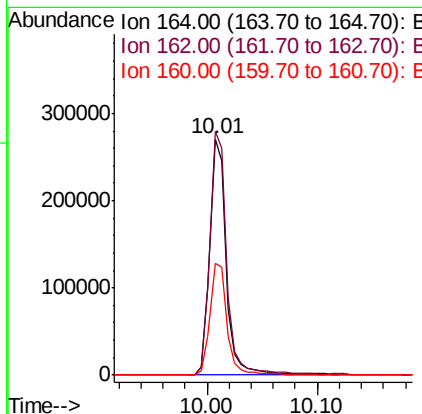
RT: 10.01 min Scan# 1304

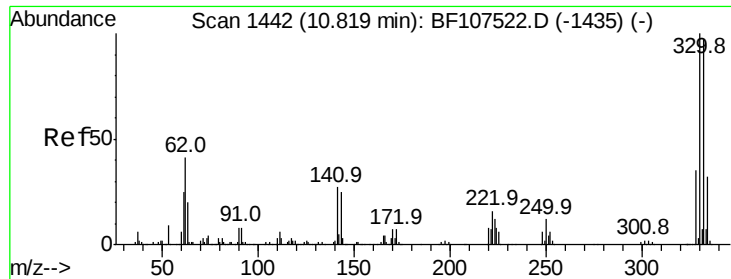
Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Tgt Ion:	164	Resp:	275763
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	47.5	38.3	57.5





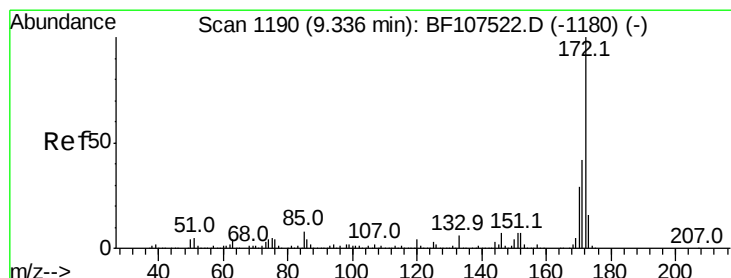
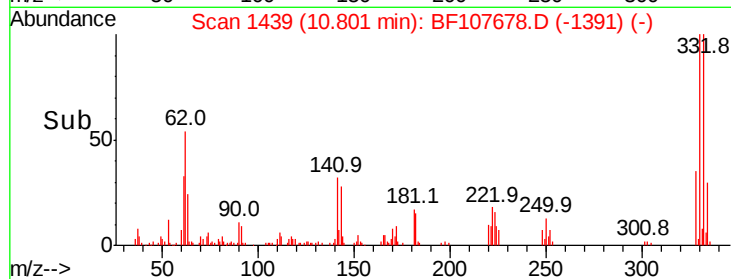
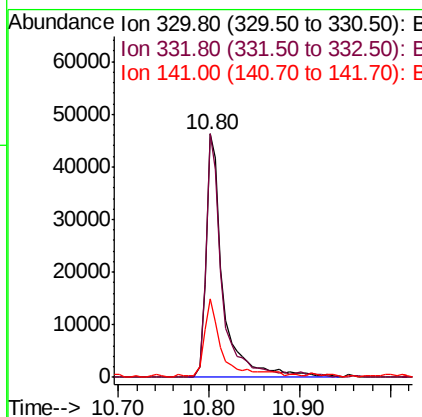
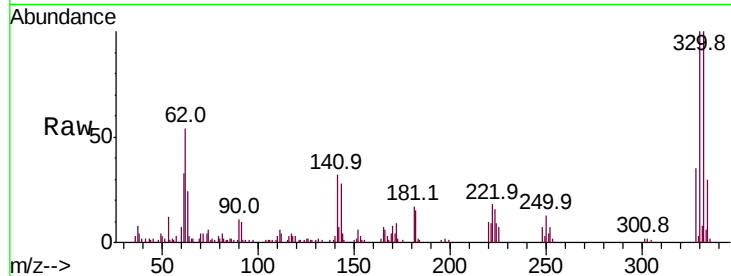
#41
 2,4,6-Tribromophenol
 Concen: 19.516 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	61199		
332	93.3	77.0	115.6	
141	33.0	29.9	44.9	

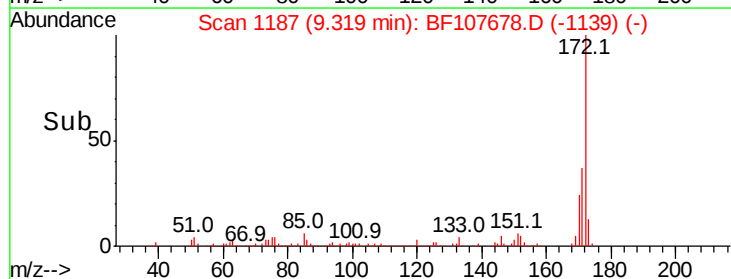
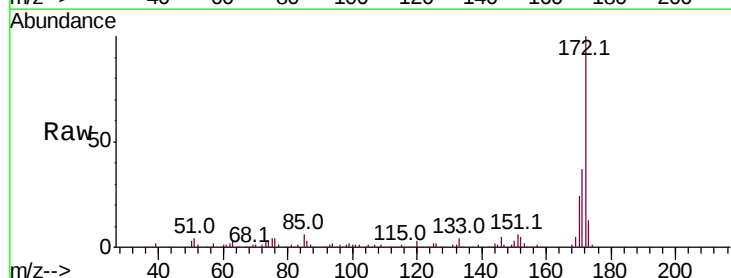
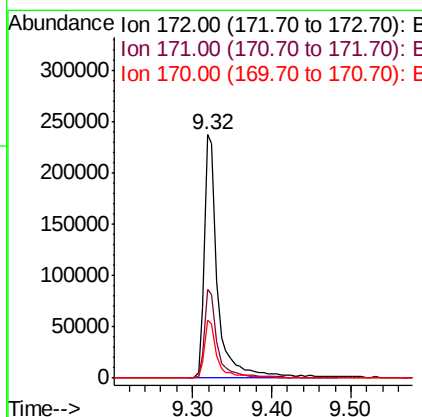
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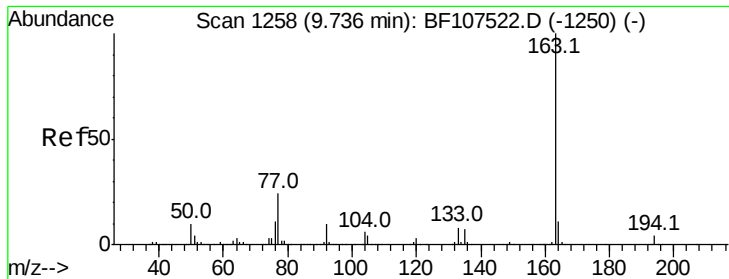
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#44
 2-Fluorobiphenyl
 Concen: 11.241 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	288703		
171	36.5	29.7	44.5	
170	24.0	19.6	29.4	





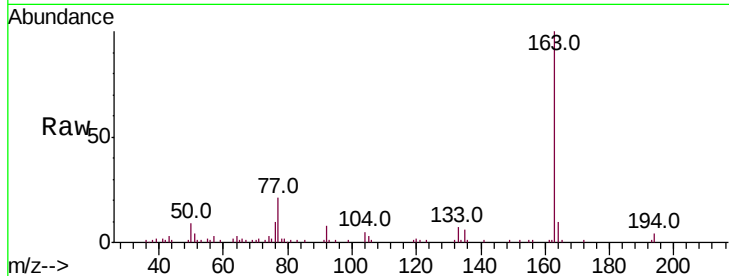
#49
Dimethylphthalate
Concen: 3.059 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	63573		
194	3.6		2.7	4.1
164	10.2		8.2	12.2

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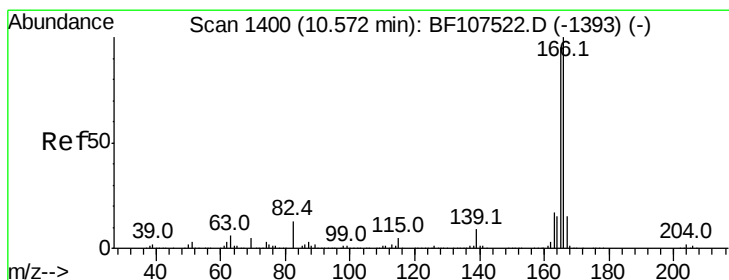
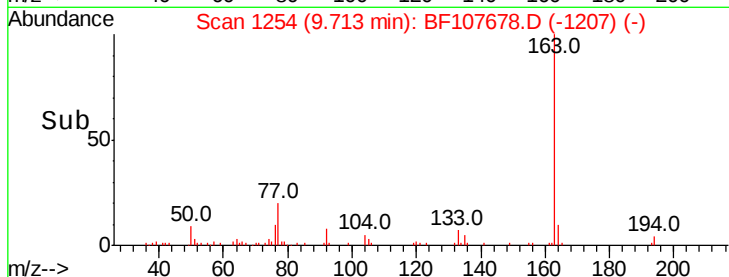
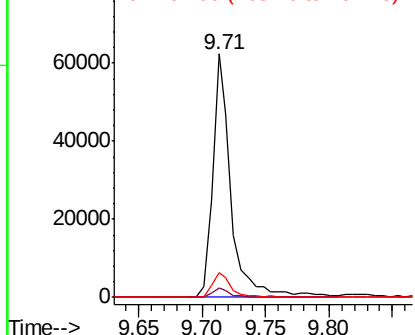


Abundance

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



#57
Fluorene
Concen: 2.500 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

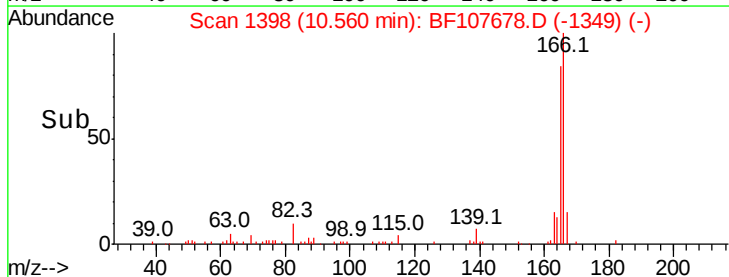
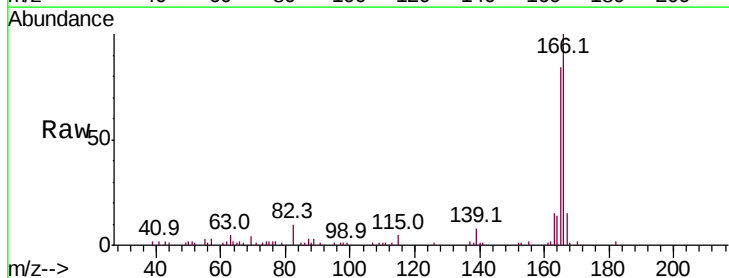
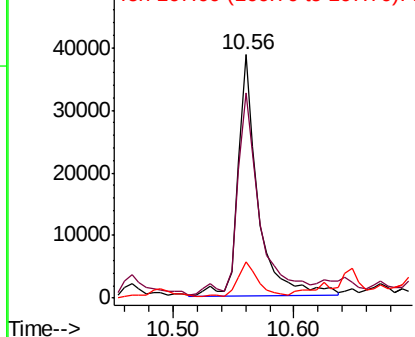
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	45382		
165	84.4		79.8	119.8
167	14.9		10.6	16.0

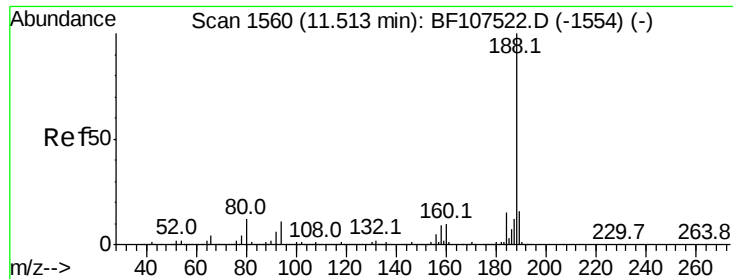
Abundance

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





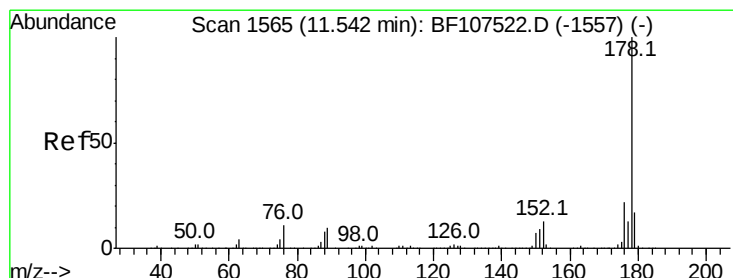
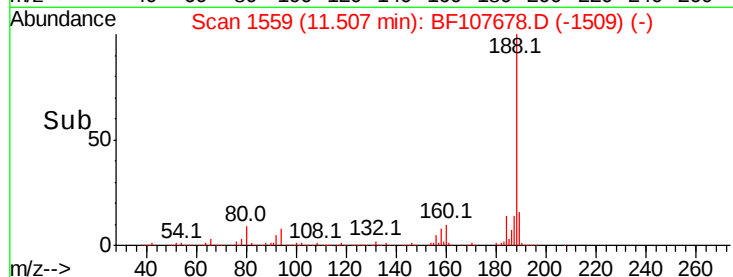
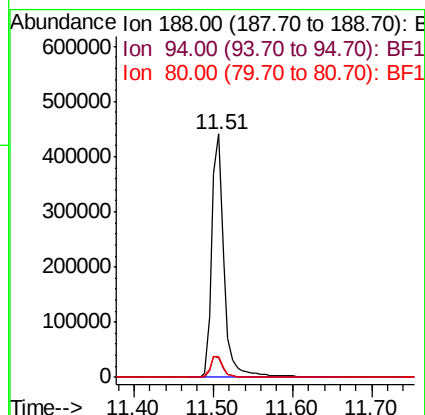
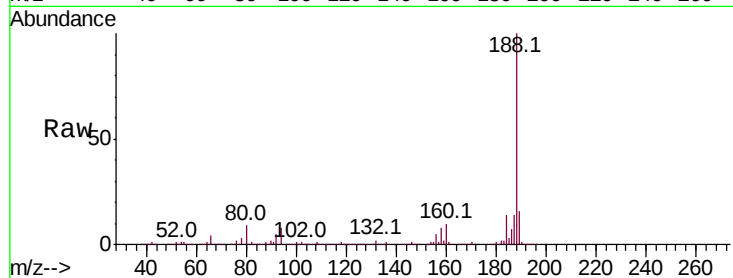
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.8	9.2	13.8#

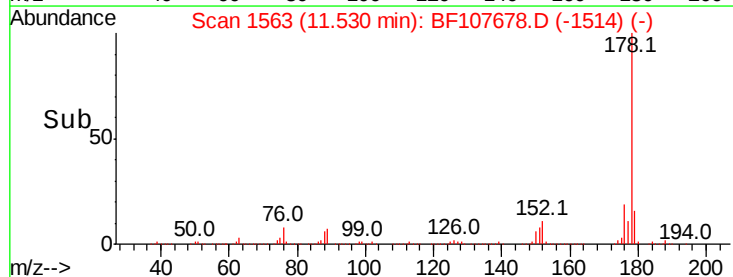
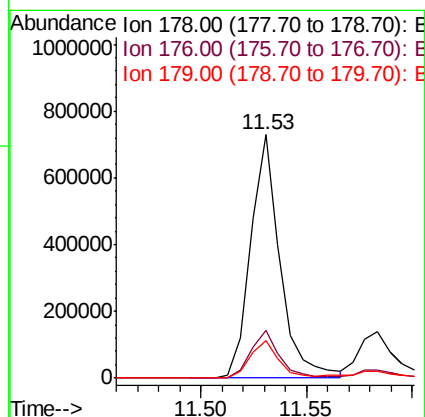
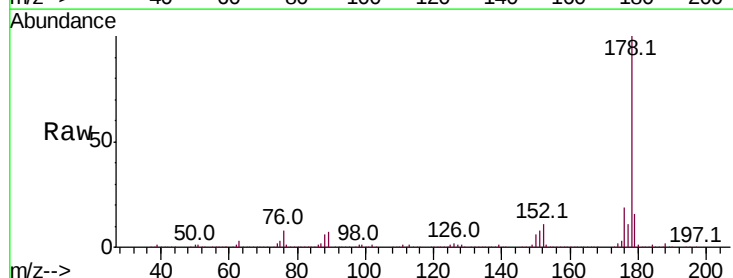
Manual Integrations
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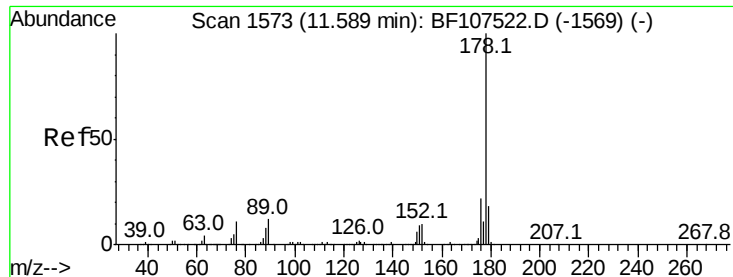
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#70
Phenanthrene
Concen: 30.896 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	13.0	19.6





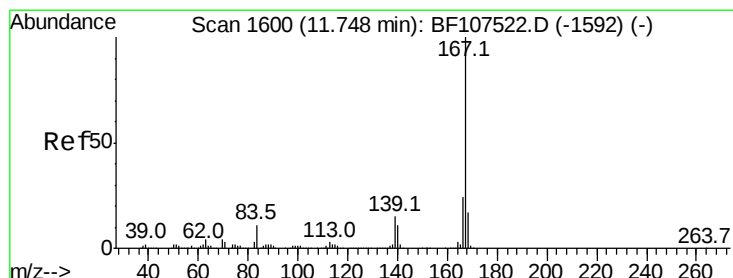
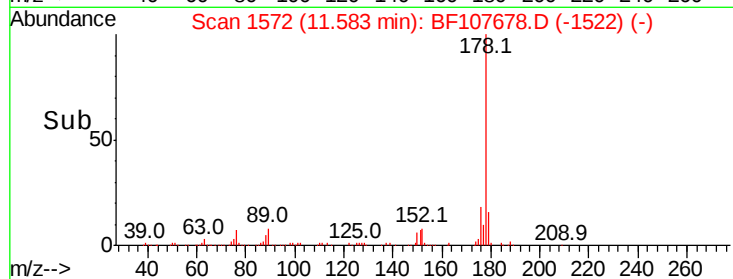
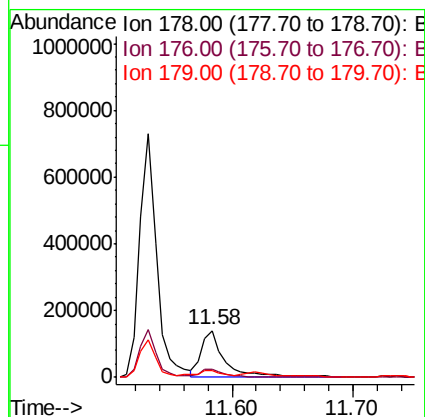
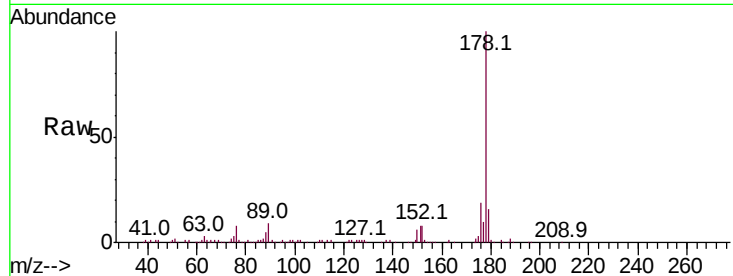
#71
 Anthracene
 Concen: 8.112 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13DL

Tot Ion:	178	Resp:	187445
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.4	23.2
179	16.0	12.6	19.0

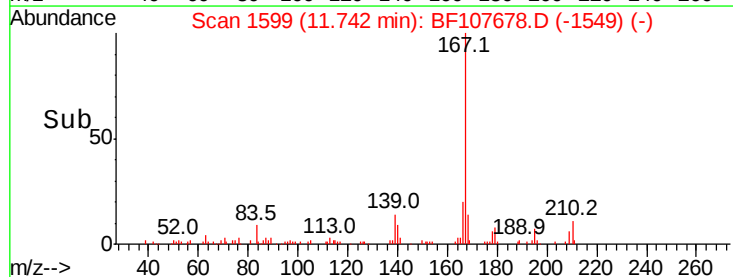
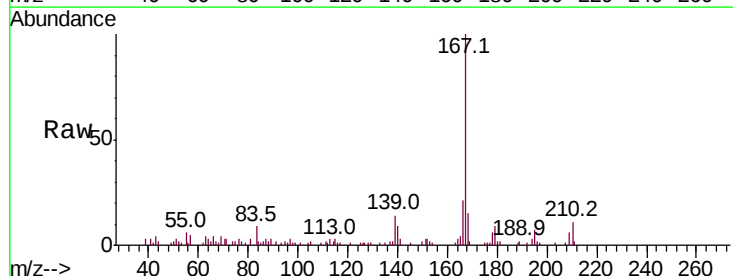
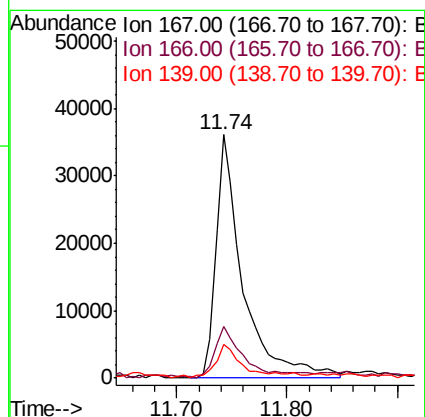
Manual Integrations
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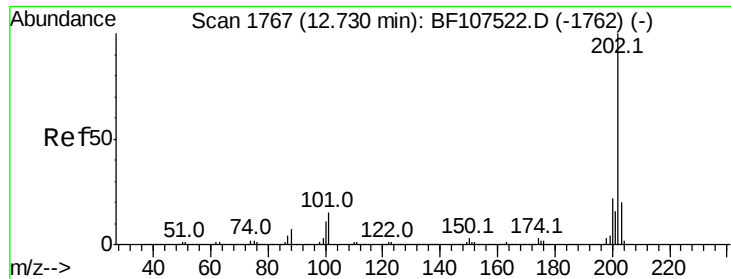
Sohil
 7/26/2018 2:02:17 PM



#72
 Carbazole
 Concen: 2.521 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Tgt Ion:	167	Resp:	60568
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.6	26.4
139	13.7	10.9	16.3





#74

Fluoranthene

Concen: 51.450 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

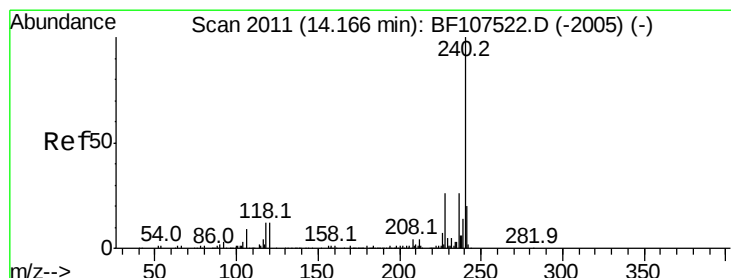
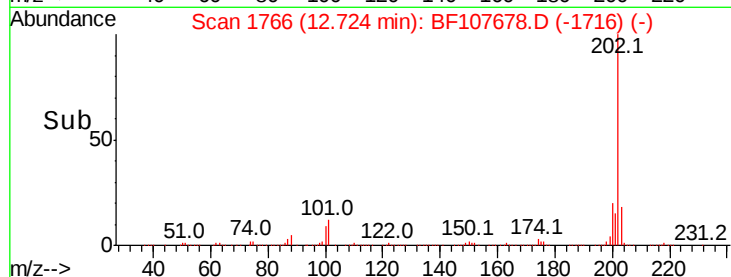
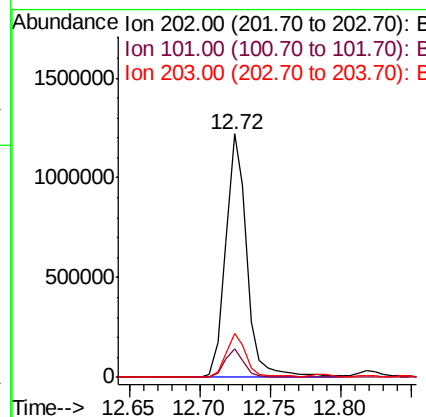
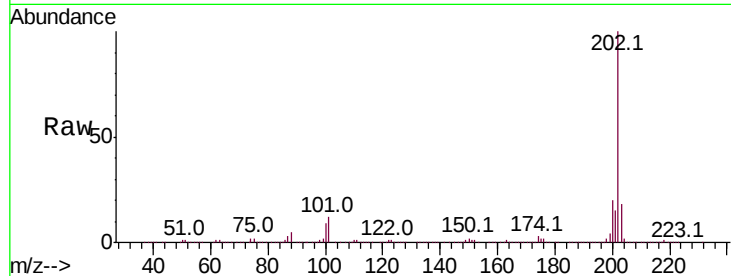
ClientSampleId :

2018-NYSEG-CLARK-AREA-13DL

Tot Ion:	202	Resp:	1267032
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

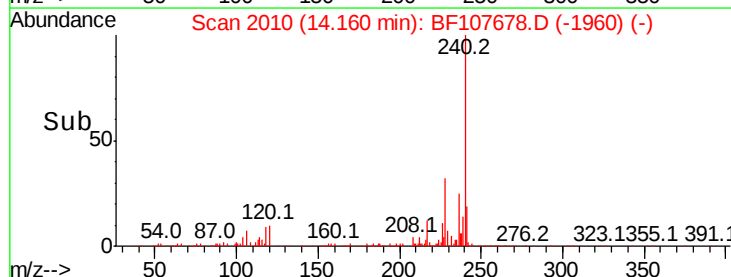
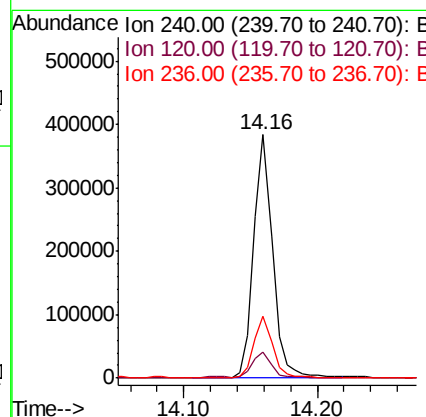
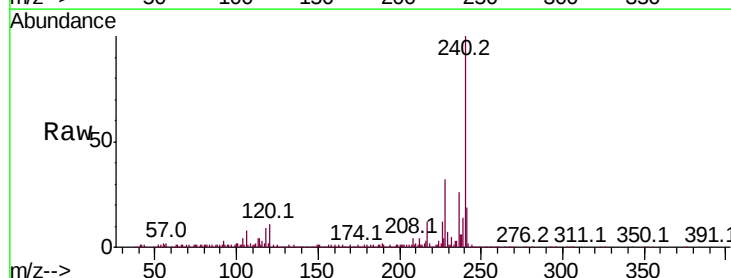
RT: 14.16 min Scan# 2010

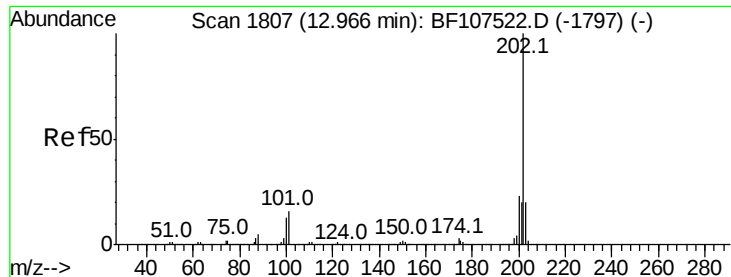
Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Tgt Ion:	240	Resp:	373124
Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.5	20.7	31.1





#77

Pvrene

Concen: 41.695 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Instrument :

BNA_F

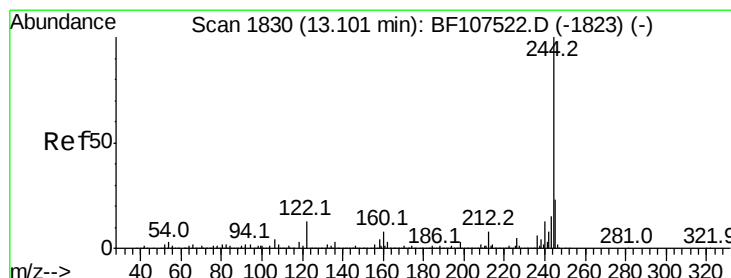
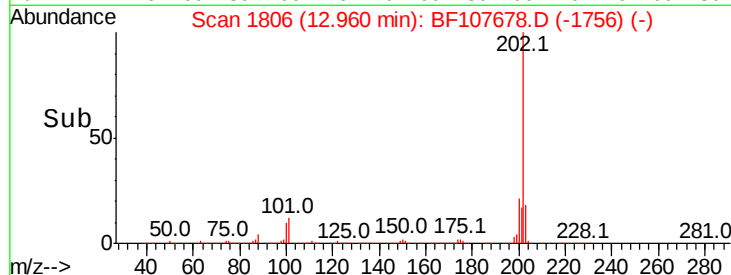
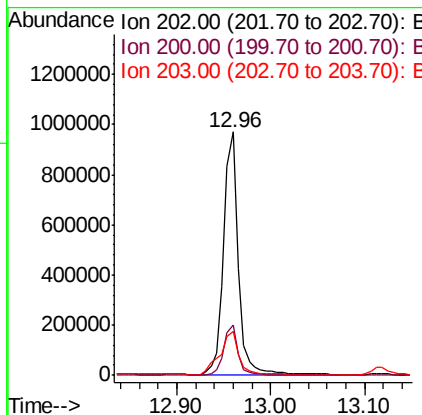
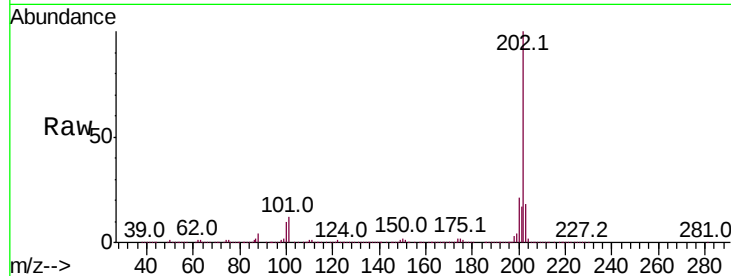
ClientSampleId :

2018-NYSEG-CLARK-AREA-13DL

Tot Ion:	202	Resp:	1064149
Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 14.602 ng

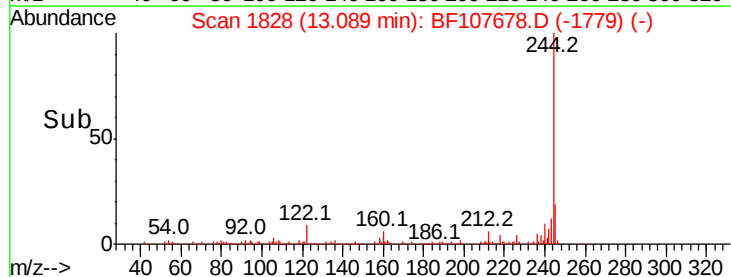
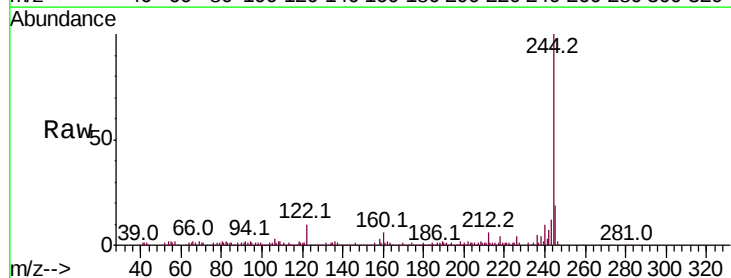
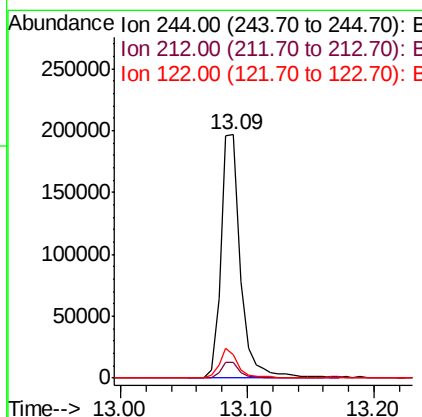
RT: 13.09 min Scan# 1828

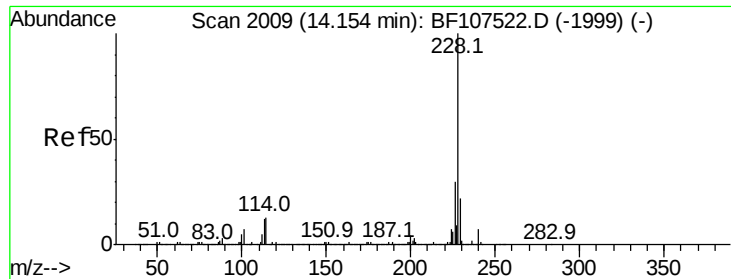
Delta R.T. -0.01 min

Lab File: BF107678.D

Acq: 26 Jul 2018 1:53

Tgt Ion:	244	Resp:	212826
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4#





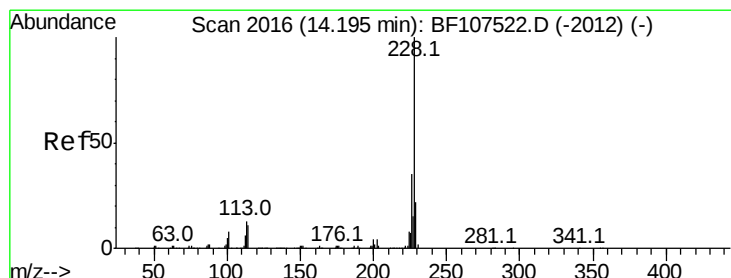
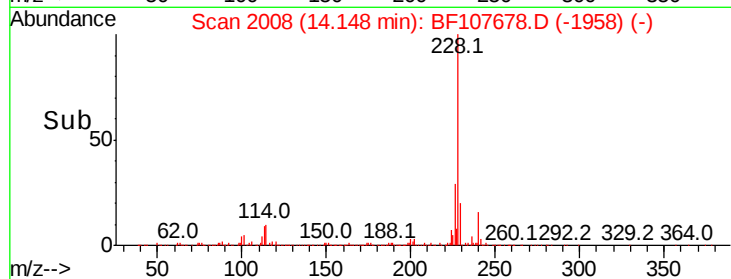
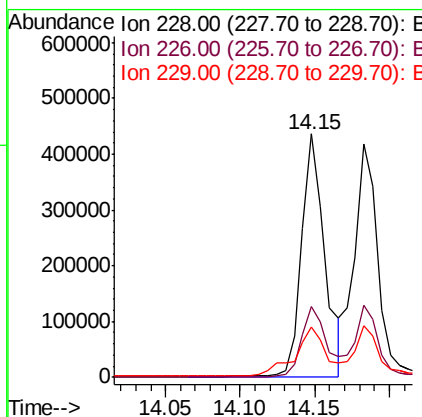
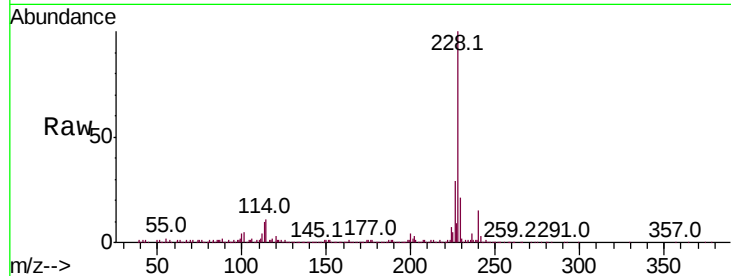
#80
Benzo(a)anthracene
Concen: 21.571 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.8	15.8	23.6

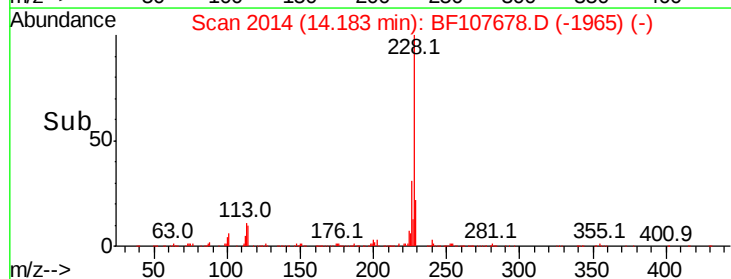
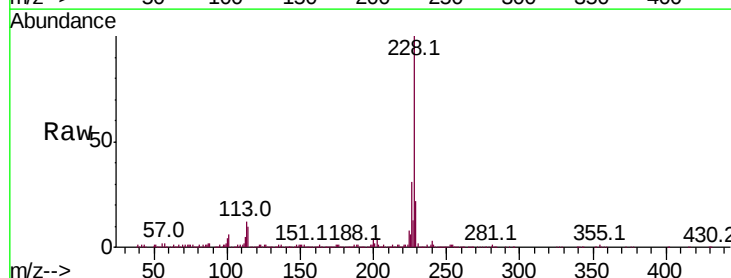
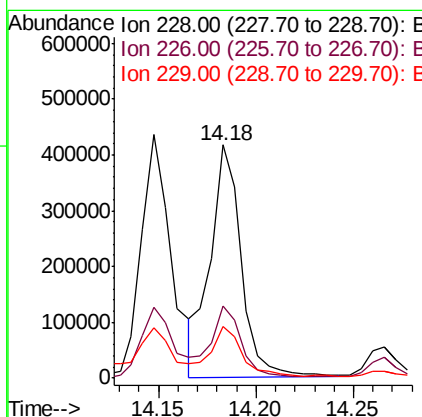
Manual Integrations
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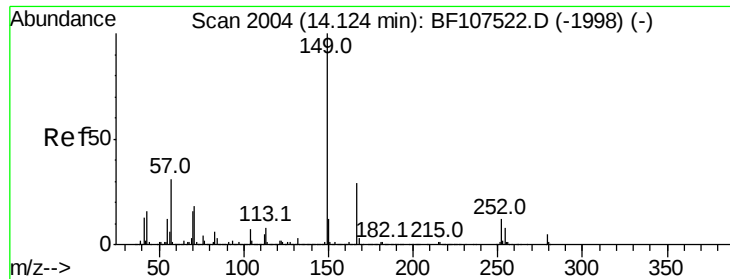
Sohil
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#82
Chrysene
Concen: 21.939 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.3	16.2	24.4





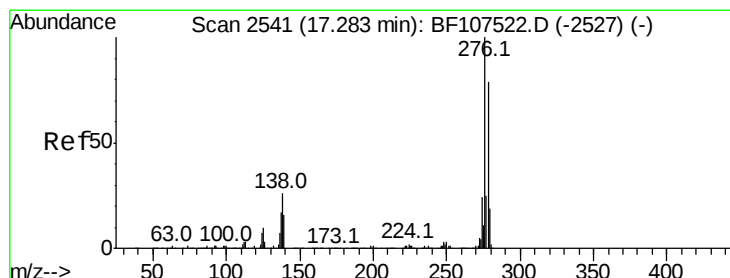
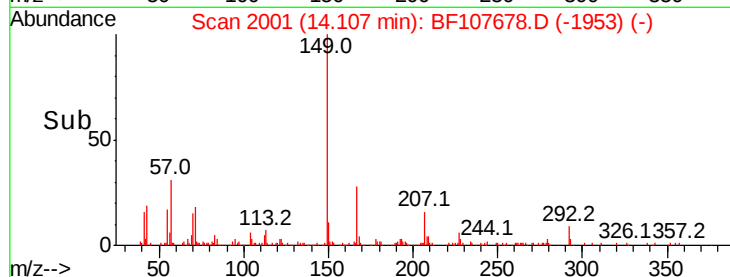
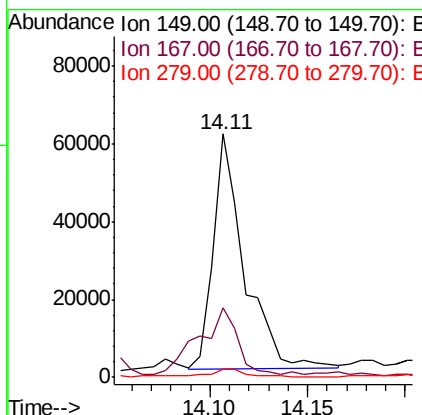
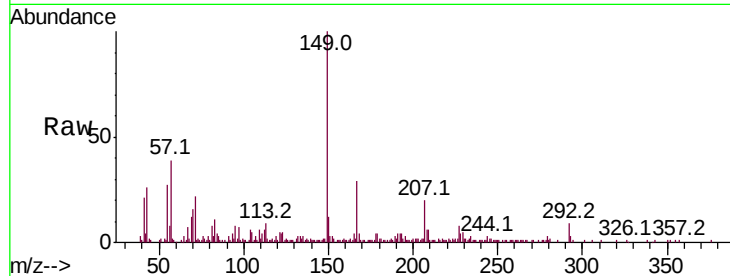
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.269 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	3.1	3.0	4.4

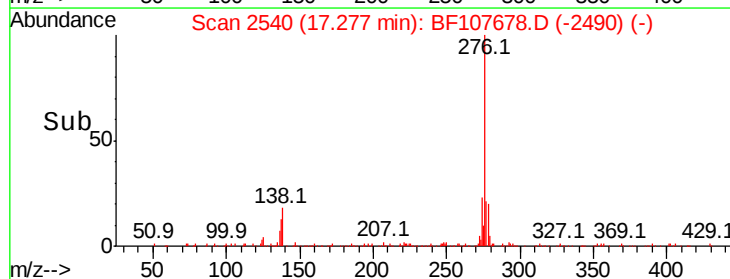
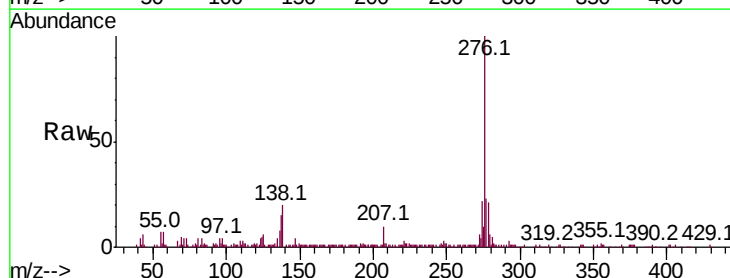
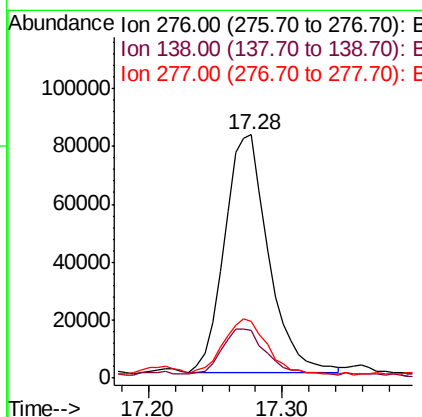
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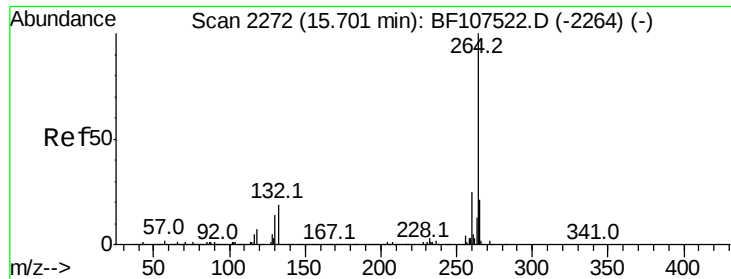
Sohil
 7/26/2018 2:02:17 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.547 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF107678.D
 Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.0	37.6#
277	23.1	20.1	30.1





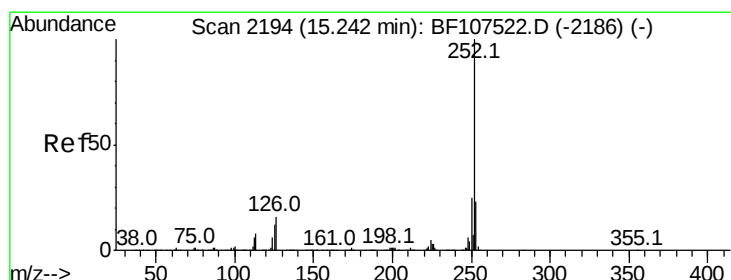
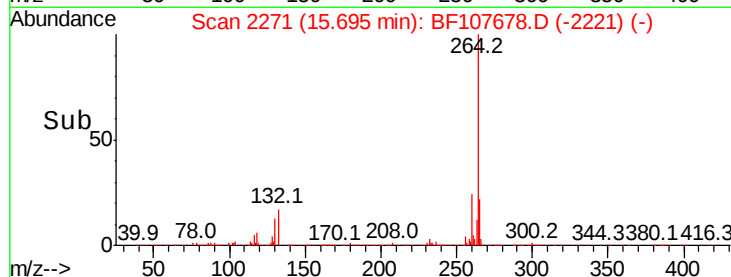
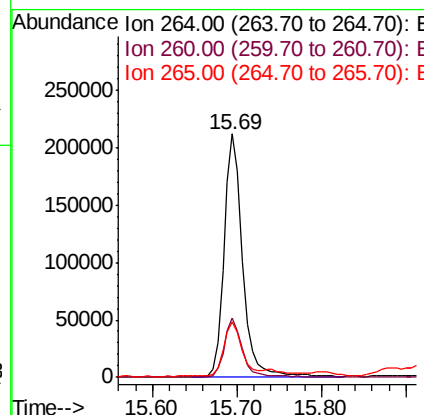
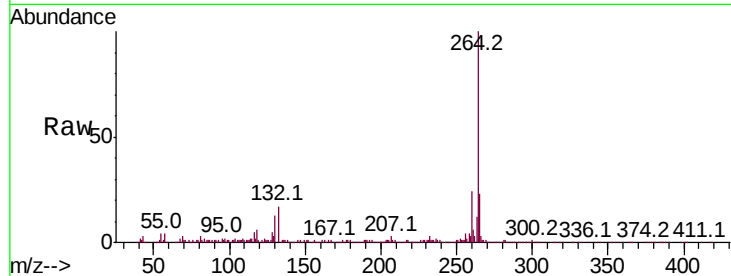
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.9	17.5	26.3

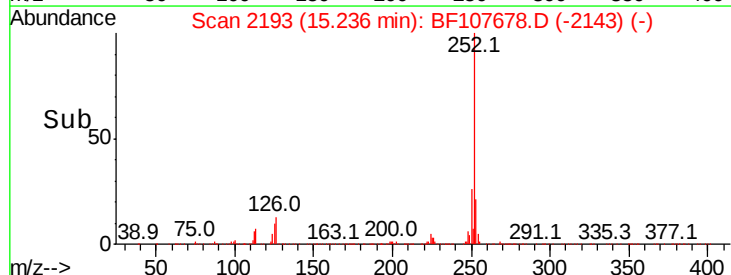
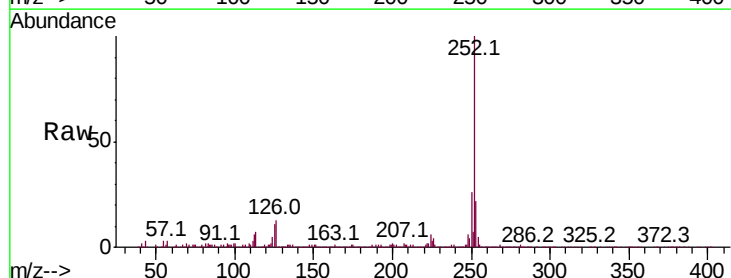
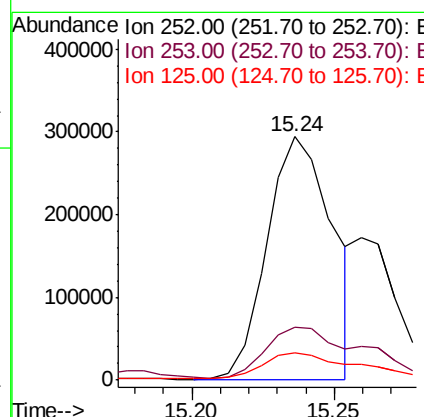
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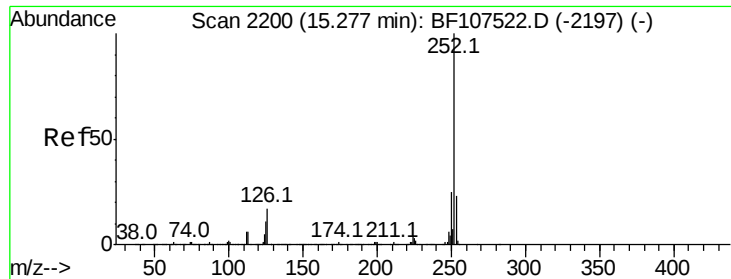
Sohil
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#87
Benzo(b)fluoranthene
Concen: 26.782 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.0	9.0	13.6





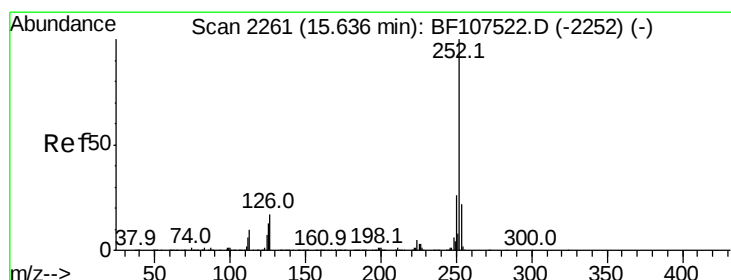
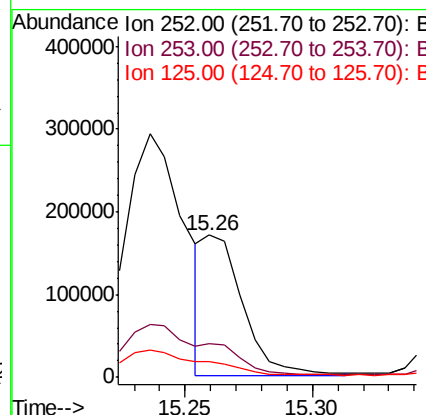
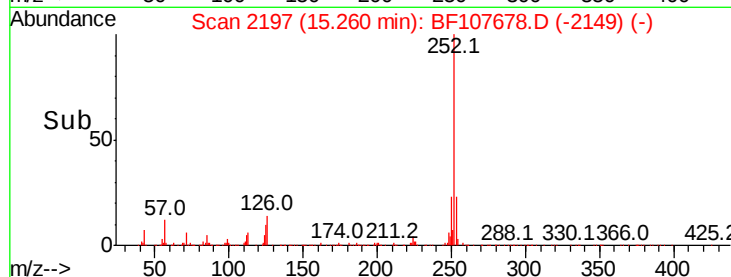
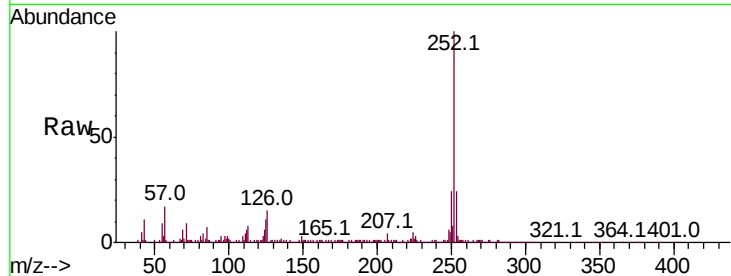
#88
Benzo(k)fluoranthene
Concen: 10.744 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	11.0	10.2	15.2

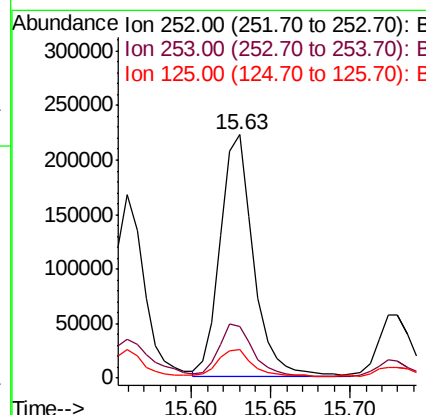
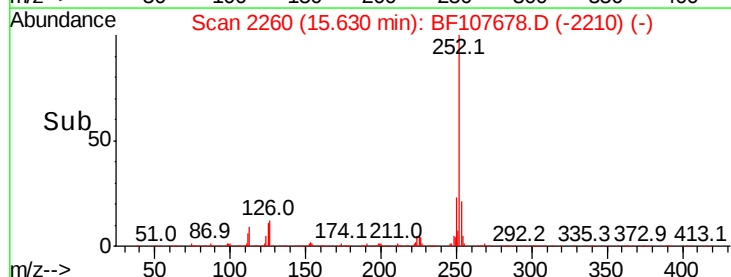
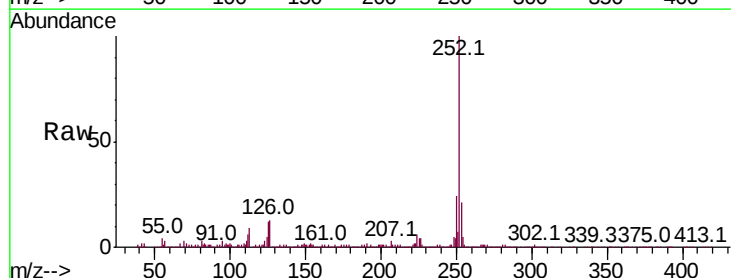
Manual Integrations
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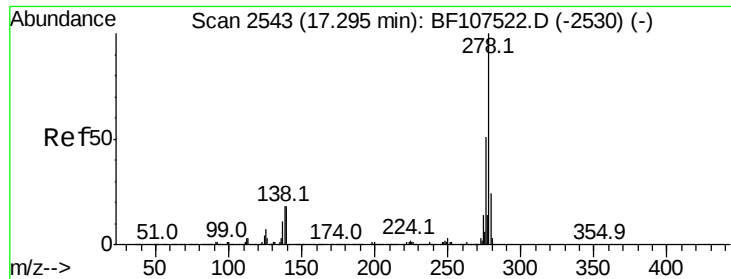
Sohil
7/26/2018 2:02:17 PM



#89
Benzo(a)pyrene
Concen: 20.135 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	11.9	9.8	14.6





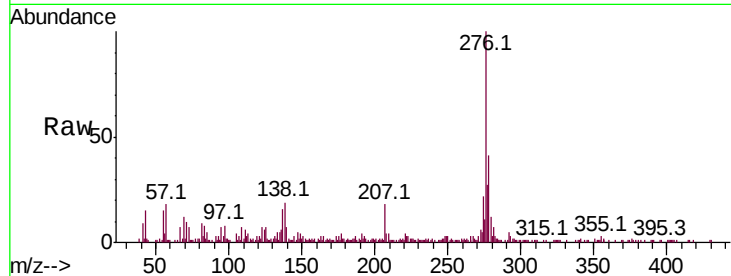
#90
Dibenzo(a,h)anthracene
Concen: 2.835 ng m
RT: 17.29 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	29.3	19.0	28.4

Manual Integrations
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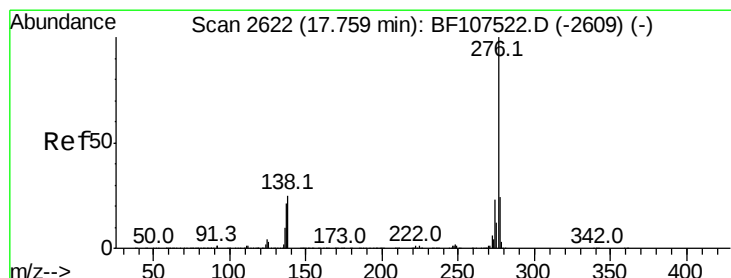
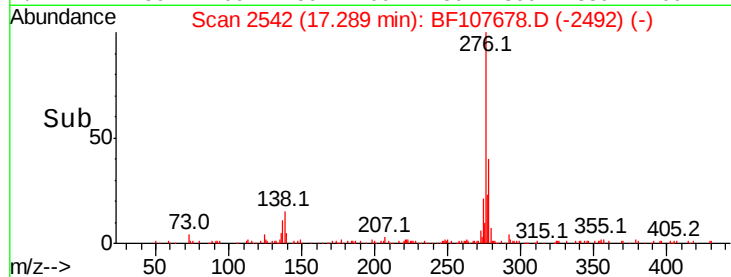
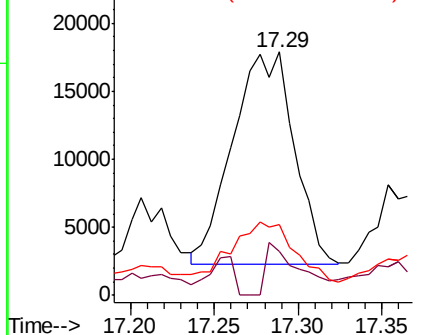


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 13.529 ng
RT: 17.75 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF107678.D
Acq: 26 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	21.3	21.8	32.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

