

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107660.D
 Acq On : 25 Jul 2018 16:40
 Operator : JU/SJ
 Sample : J4126-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12

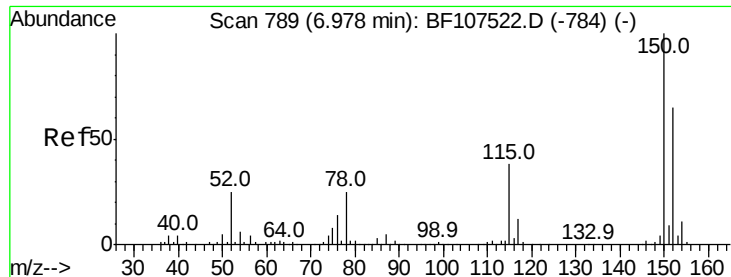
Manual Integrations
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Sohil
 7/26/2018 2:02:55 PM

Quant Time: Jul 26 10:20:55 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	228503	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	901163	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	357509	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	633265	20.00	ng	0.00
75) Chrysene-d12	14.16	240	445905	20.00	ng	0.00
86) Perylene-d12	15.69	264	429598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	606194	42.65	ng	-0.01
7) Phenol-d6	6.60	99	819585	48.03	ng	-0.02
23) Nitrobenzene-d5	7.53	82	484908	36.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	204461	50.29	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	821243	31.81	ng	-0.02
78) Terphenyl-d14	13.09	244	614280	35.27	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.27	128	84450	2.131	ng	99
48) Acenaphthylene	9.87	152	71640	2.003	ng	99
49) Dimethylphthalate	9.71	163	186711	6.930	ng	100
51) Acenaphthene	10.04	154	56084	2.503	ng	97
57) Fluorene	10.56	166	81523	3.464	ng	91
70) Phenanthrene	11.53	178	849915	27.542	ng	99
71) Anthracene	11.58	178	271305	8.732	ng	99
72) Carbazole	11.74	167	87770	2.717	ng	98
74) Fluoranthene	12.72	202	1261895	38.107	ng	97
77) Pyrene	12.95	202	1152091	37.773	ng	98
80) Benzo(a)anthracene	14.15	228	536388	20.527	ng	94
82) Chrysene	14.18	228	523509m	20.856	ng	
83) Bis(2-ethylhexyl)phthalate	14.11	149	42434	2.293	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	229154m	10.771	ng	
87) Benzo(b)fluoranthene	15.24	252	581742m	24.743	ng	
88) Benzo(k)fluoranthene	15.26	252	201217m	8.735	ng	
89) Benzo(a)pyrene	15.62	252	430192	20.003	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	54402	2.926	ng	94
91) Benzo(a,h,i)perylene	17.75	276	218553	11.918	ng	94

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



#1

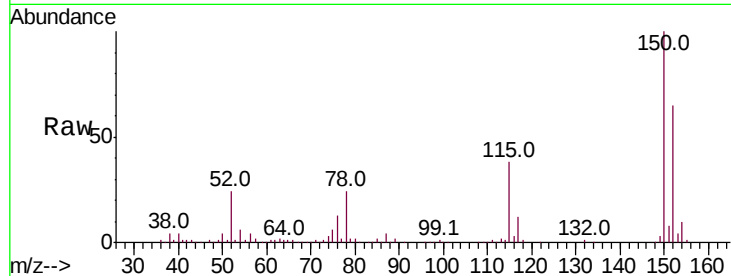
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	59.4	50.1	75.1

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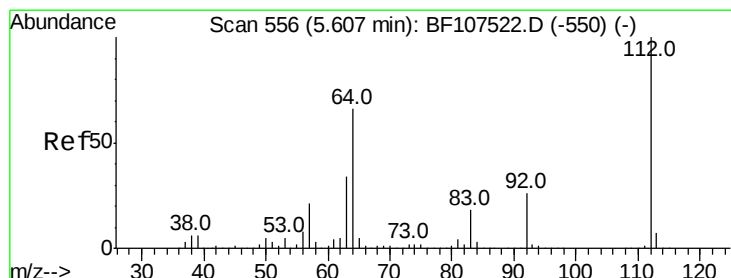
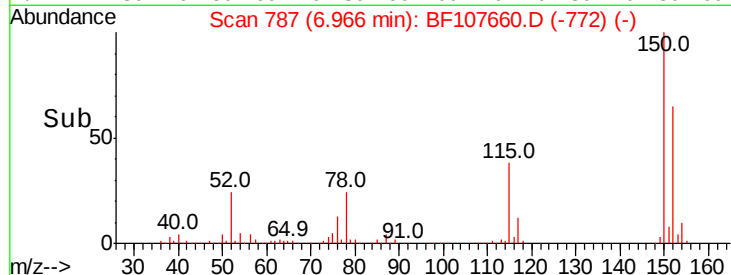
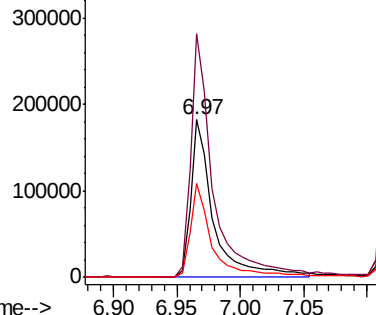


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

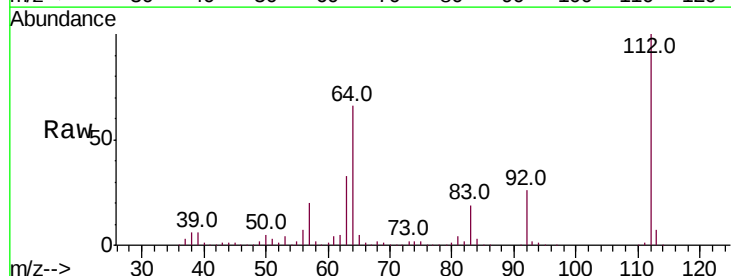
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.653 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.2	23.7	35.5

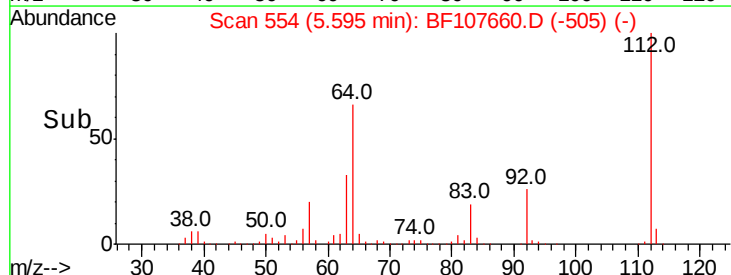
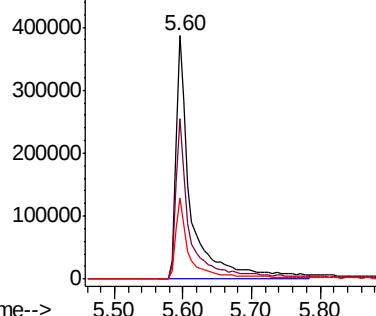


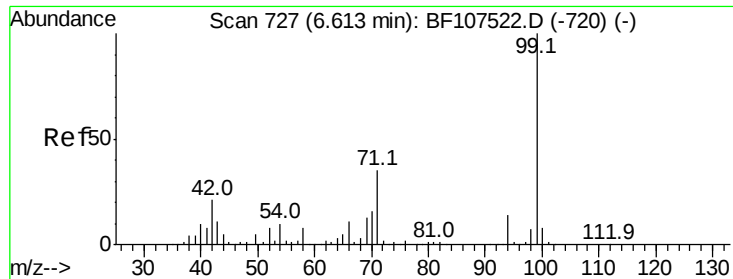
Abundance

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: 48.027 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107660.D

Acq: 25 Jul 2018 16:40

Instrument :

BNA_F

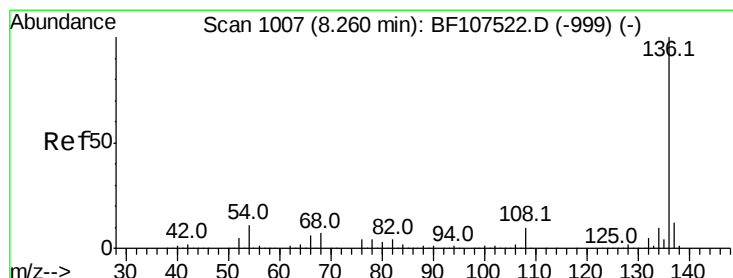
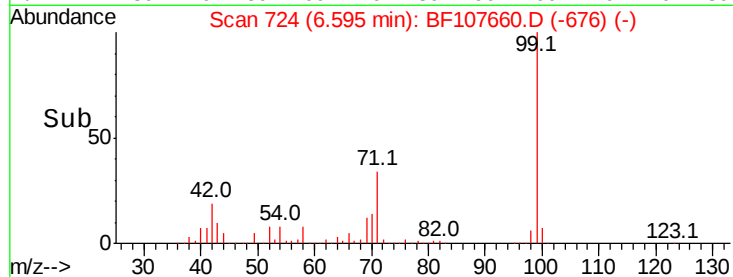
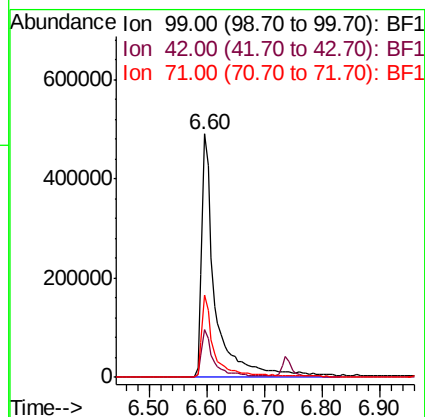
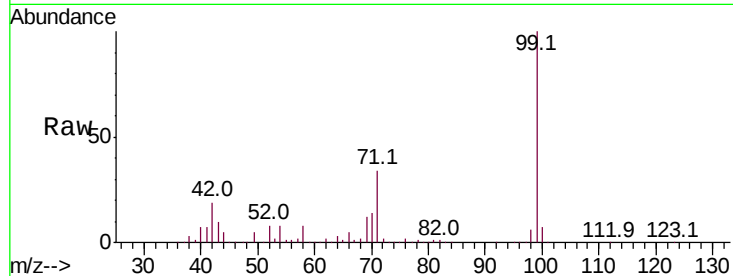
ClientSampleId :

2018-NYSEG-CLARK-AREA-12

Tot Ion:	99	Resp:	819585
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	33.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

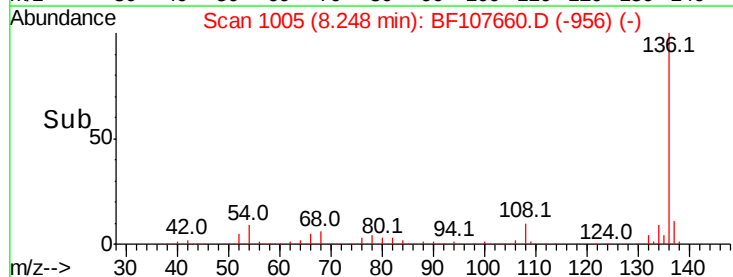
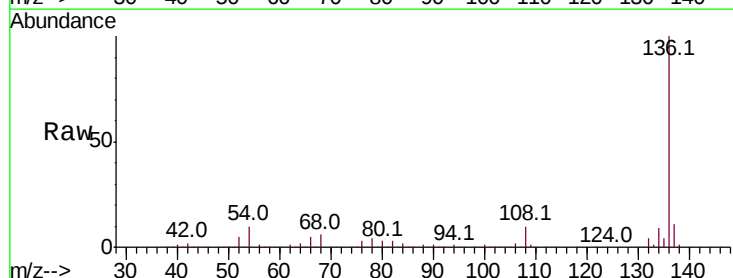
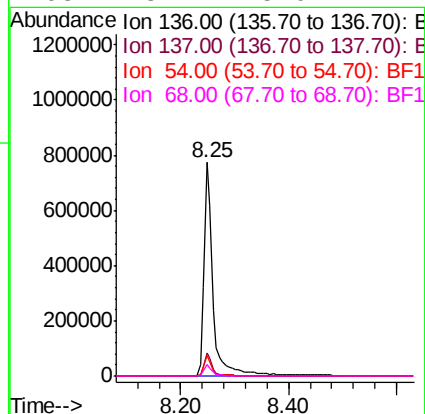
RT: 8.25 min Scan# 1005

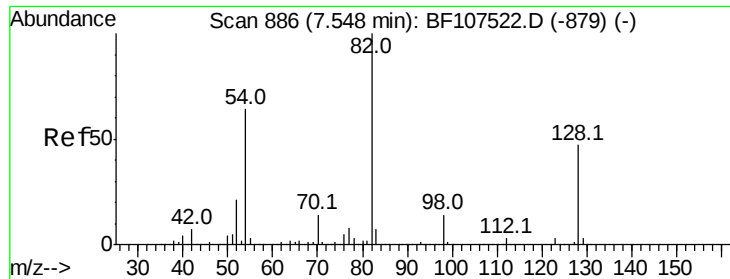
Delta R.T. -0.01 min

Lab File: BF107660.D

Acq: 25 Jul 2018 16:40

Tgt Ion:	136	Resp:	901163
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.6	6.6	9.8
68	5.7	5.0	7.4





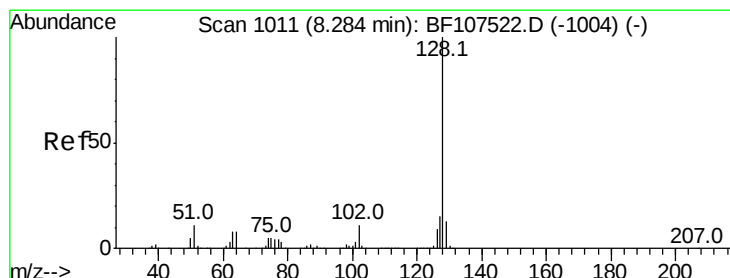
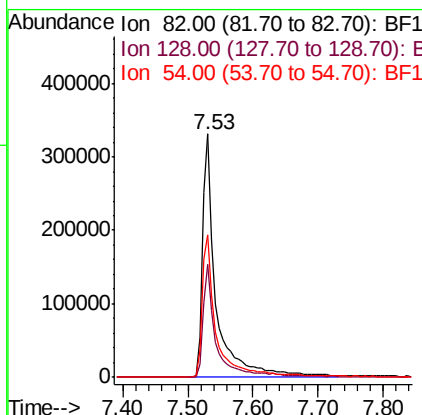
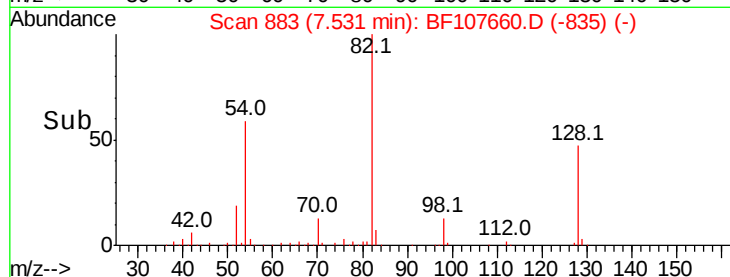
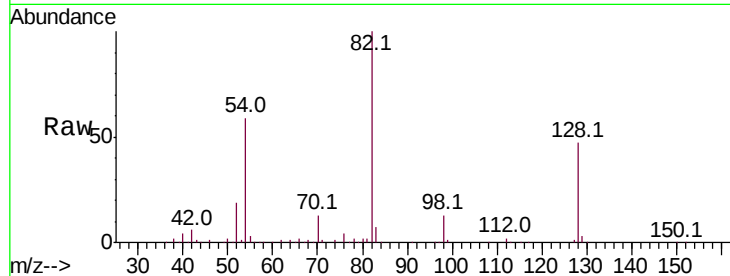
#23
Nitrobenzene-d5
Concen: 36.315 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	36.1	54.1	
54	58.7	41.4	62.2	

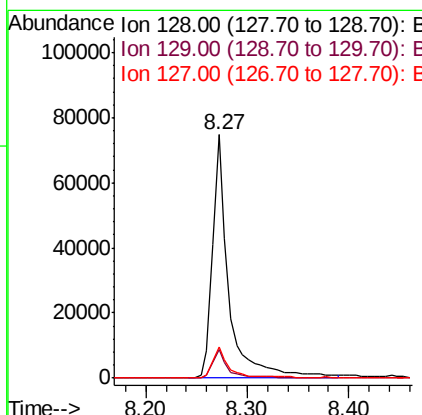
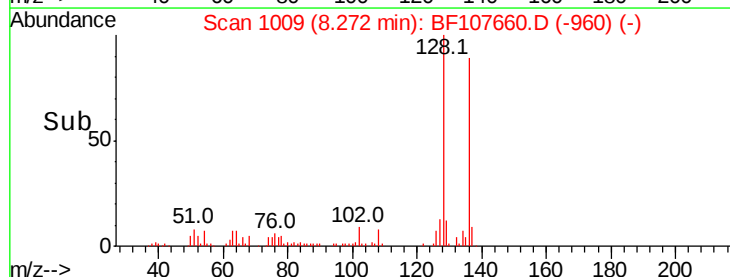
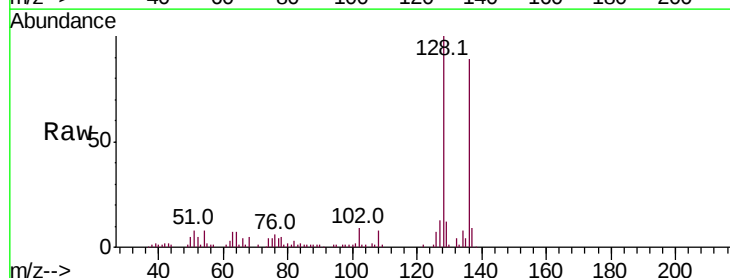
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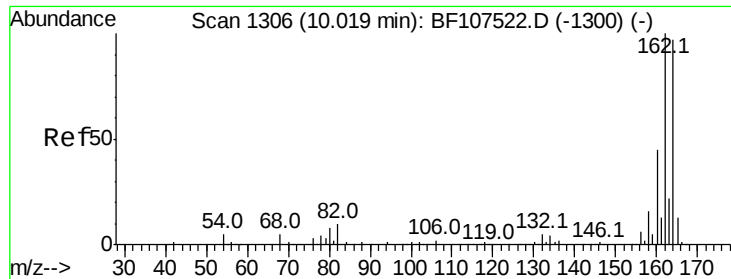
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#31
Naphthalene
Concen: 2.131 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.8	13.2	
127	13.0	10.9	16.3	





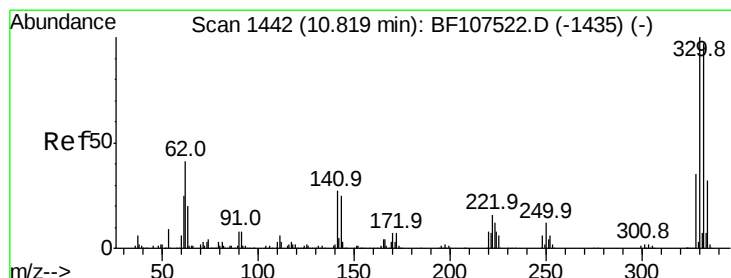
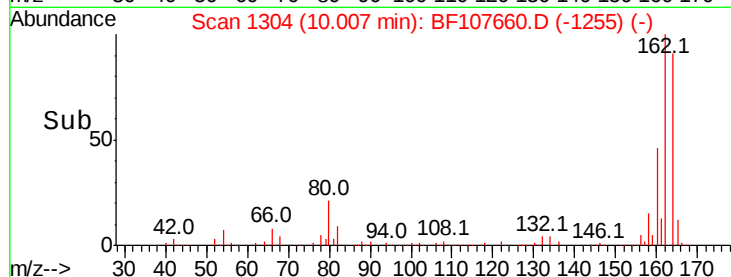
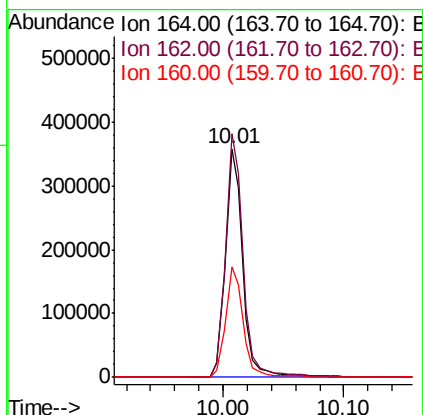
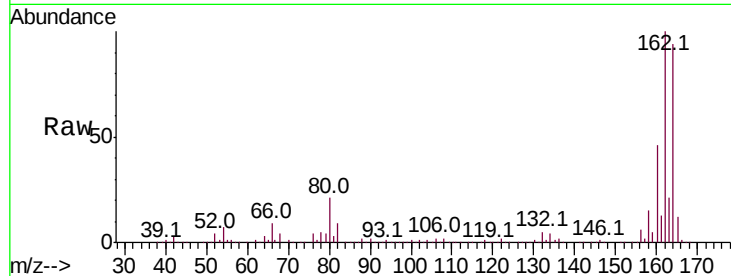
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	48.6	38.3	57.5

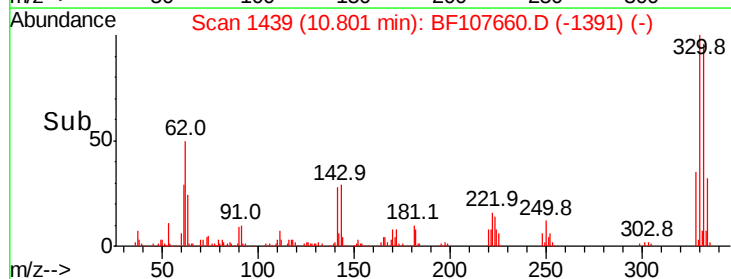
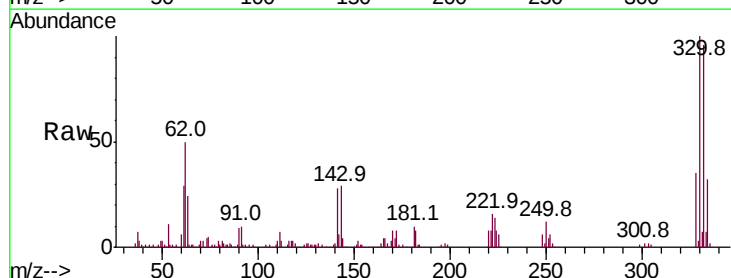
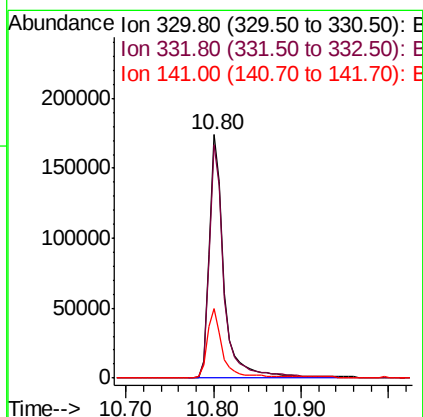
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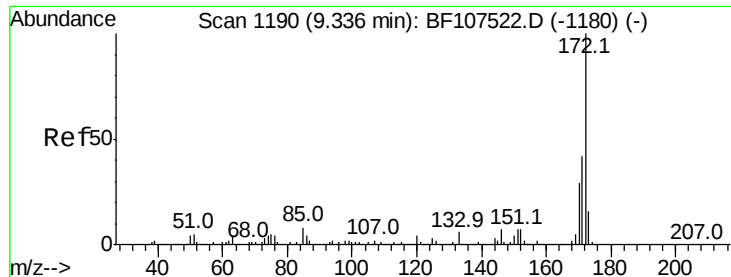
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#41
2,4,6-Tribromophenol
Concen: 50.293 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	30.2	29.9	44.9





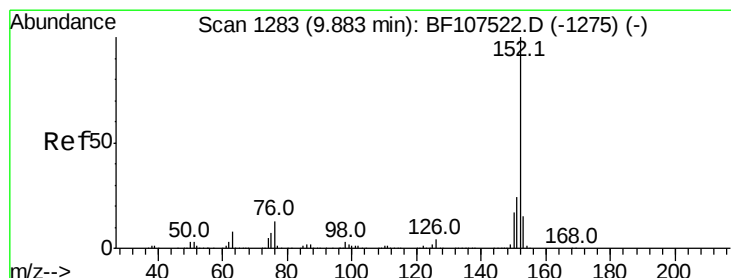
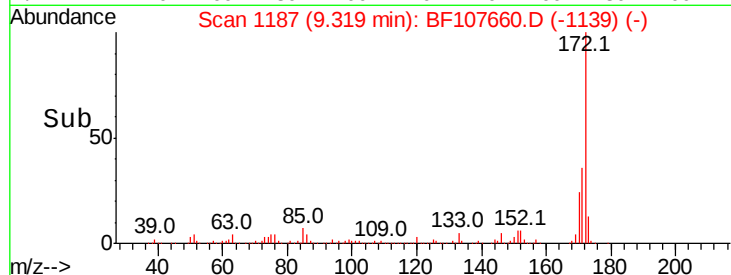
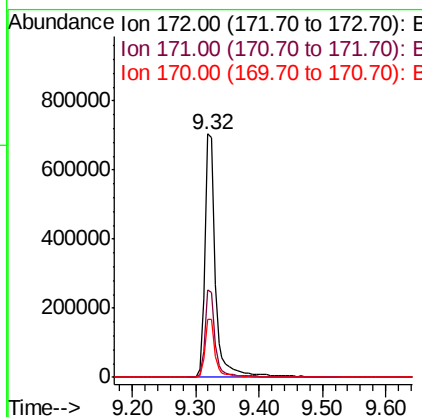
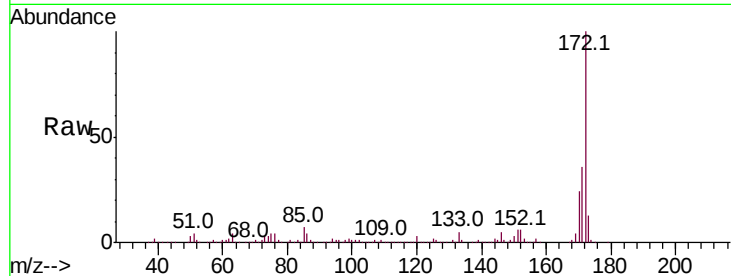
#44
 2-Fluorobiphenyl
 Concen: 31.810 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107660.D
 Acq: 25 Jul 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Resp	Lower	Upper
172	100	821243		
171	35.8		29.7	44.5
170	24.1		19.6	29.4

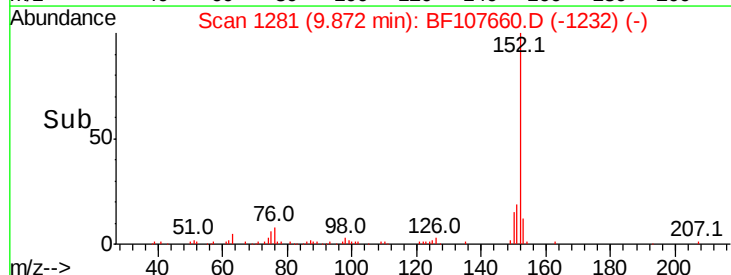
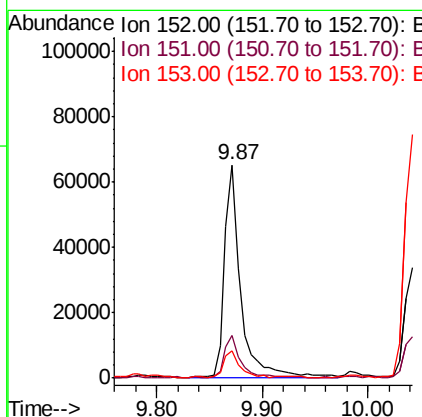
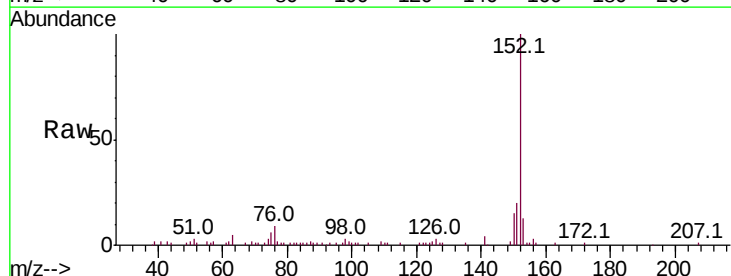
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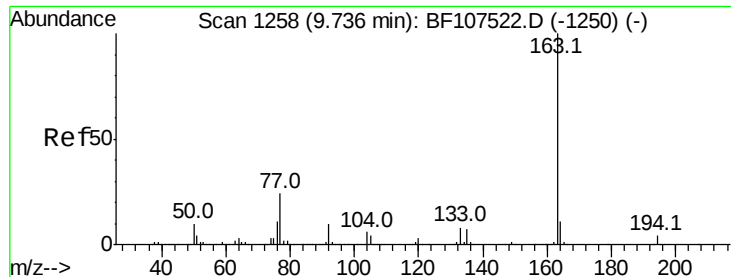
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#48
 Acenaphthylene
 Concen: 2.003 ng
 RT: 9.87 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF107660.D
 Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	71640		
151	19.8		16.3	24.5
153	12.8		10.7	16.1





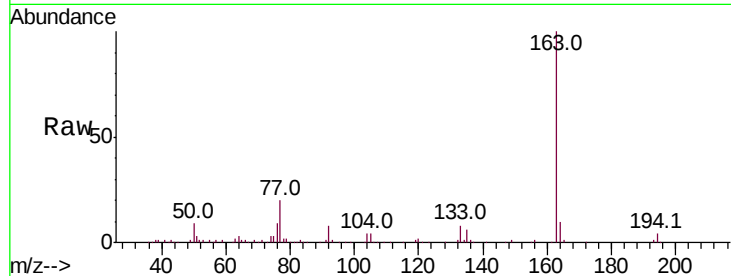
#49
Dimethylphthalate
Concen: 6.930 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Resp	Lower	Upper
163	100	186711		
194	3.7		2.7	4.1
164	10.1		8.2	12.2

Manual Integrations
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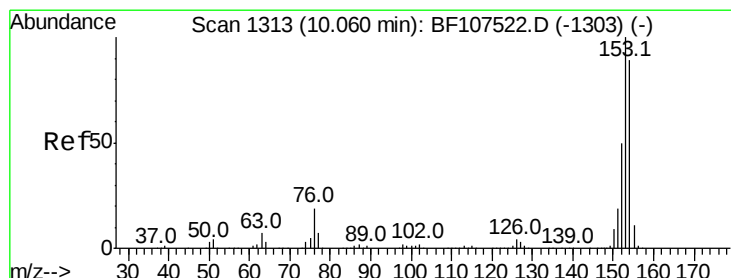
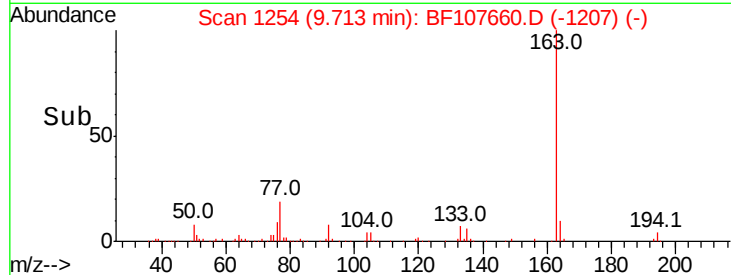
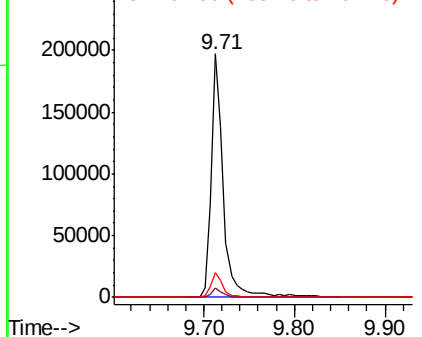


Abundance

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



#51
Acenaphthene
Concen: 2.503 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

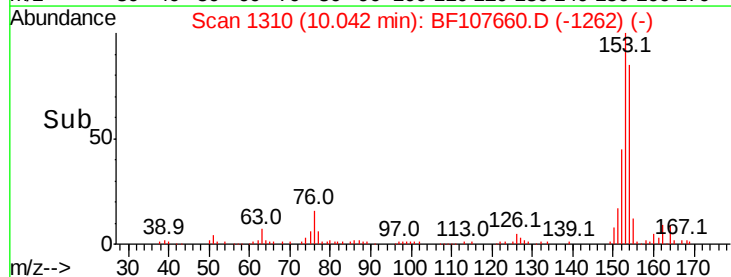
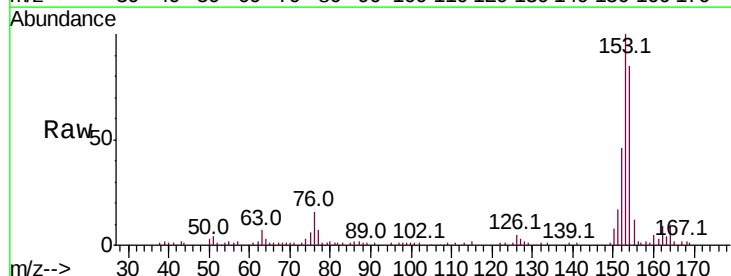
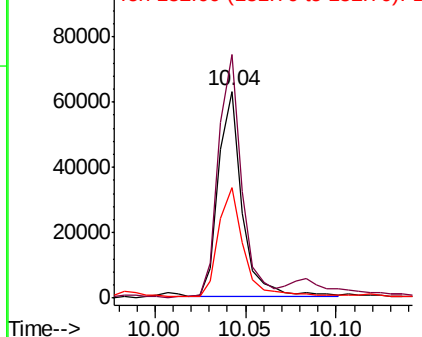
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	56084		
153	117.8		91.2	136.8
152	53.7		43.8	65.8

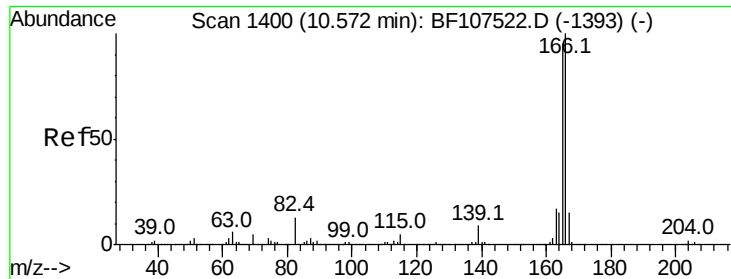
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





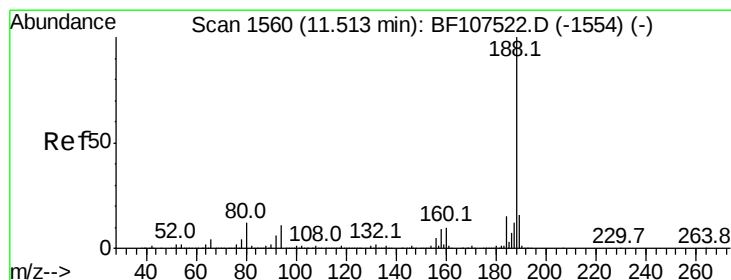
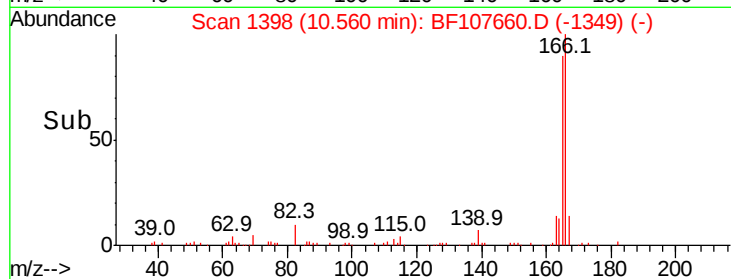
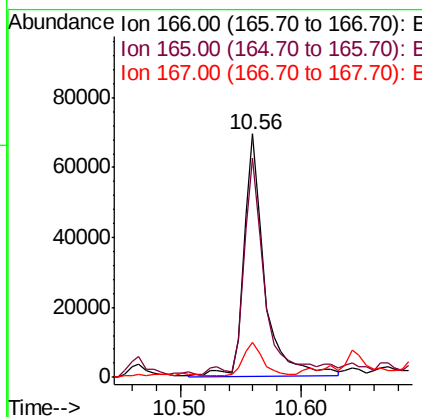
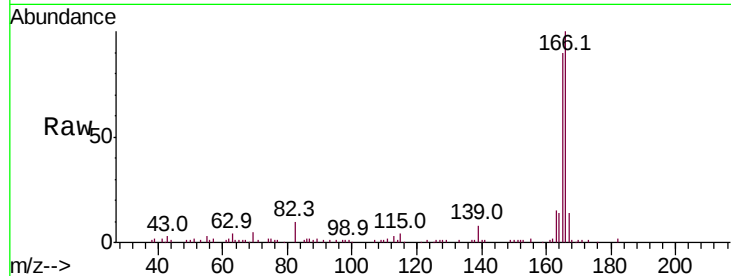
#57
Fluorene
 Concen: 3.464 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107660.D
 Acq: 25 Jul 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.1	79.8	119.8
167	14.3	10.6	16.0

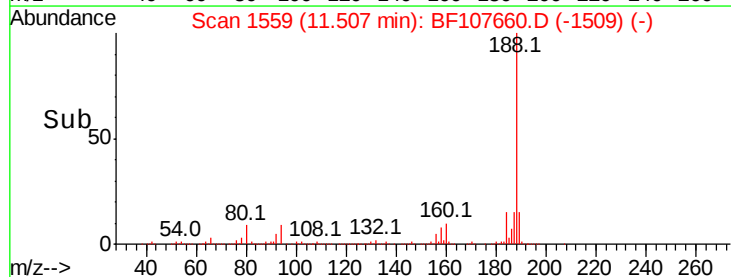
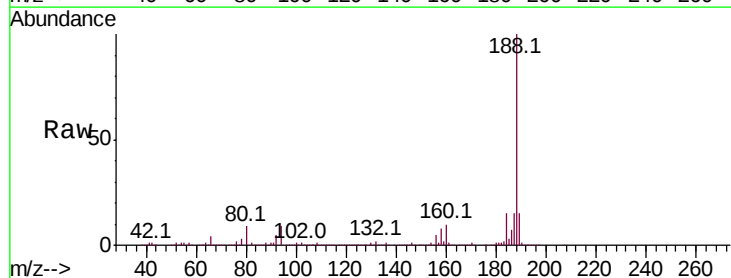
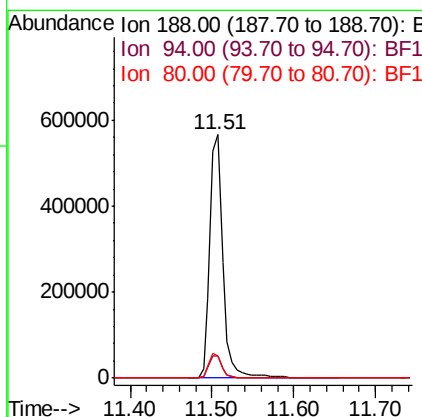
Manual Integrations
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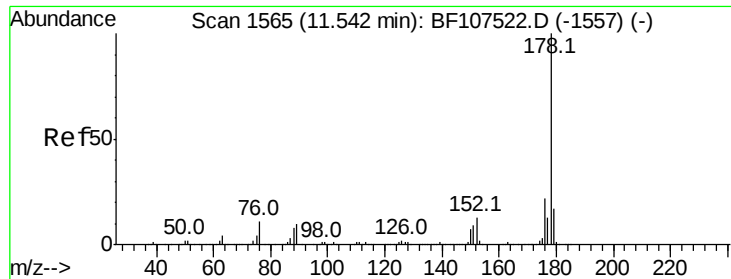
Sohil
 7/26/2018 2:02:55 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF107660.D
 Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.3	9.2	13.8





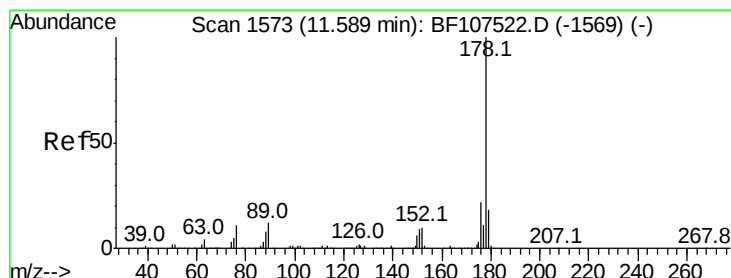
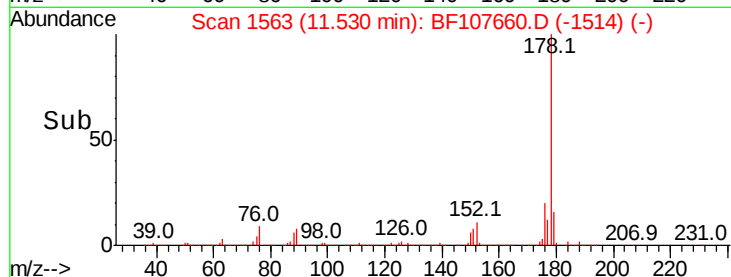
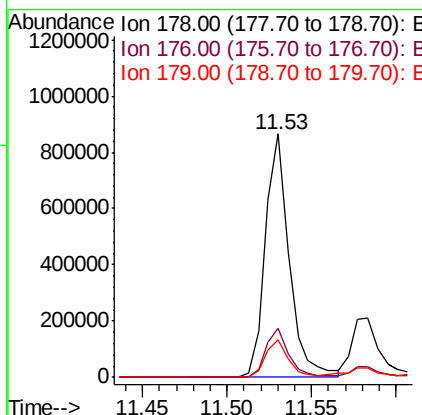
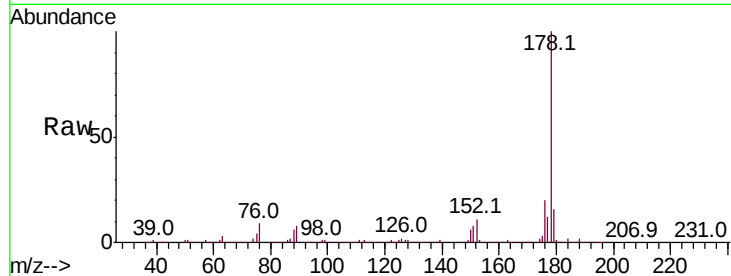
#70
Phenanthrene
Concen: 27.542 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	13.0	19.6

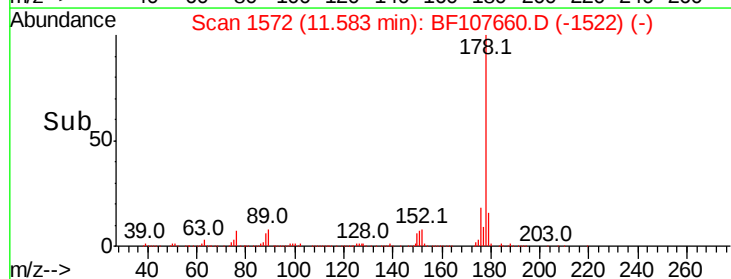
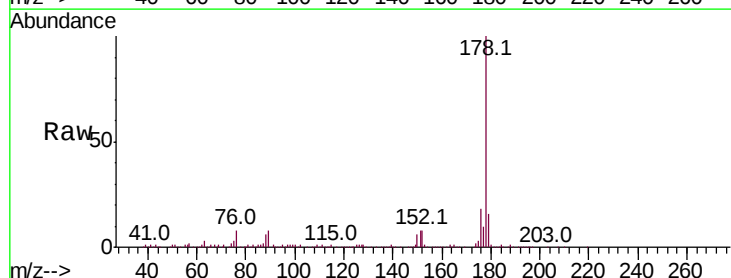
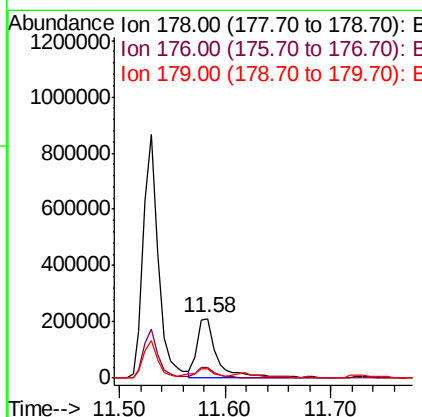
Manual Integrations
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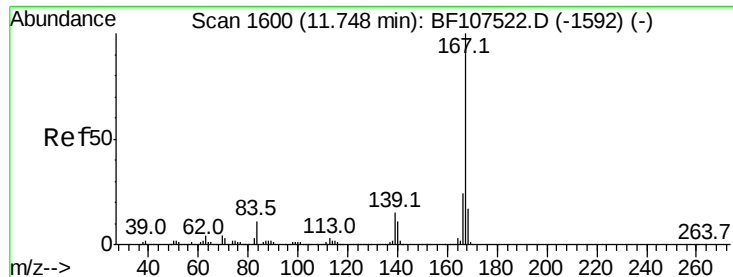
Sohil
7/26/2018 2:02:55 PM



#71
Anthracene
Concen: 8.732 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.8	12.6	19.0





#72

Carbazole

Concen: 2.717 ng

RT: 11.74 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF107660.D

Acq: 25 Jul 2018 16:40

Instrument :

BNA_F

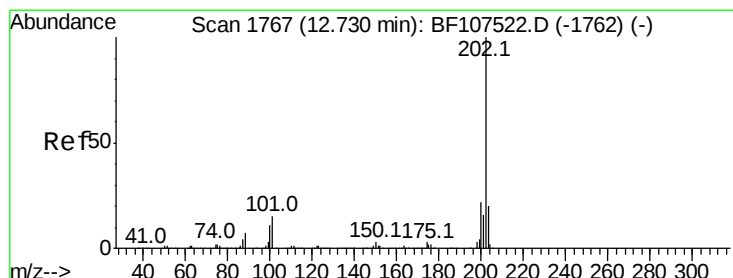
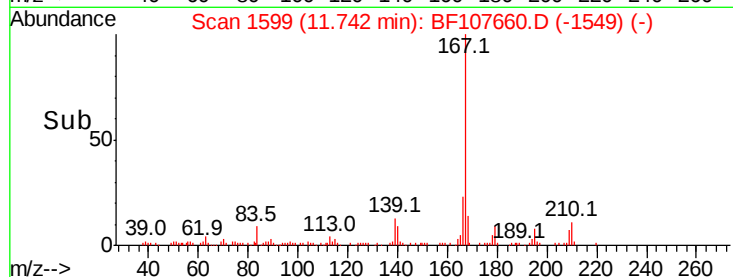
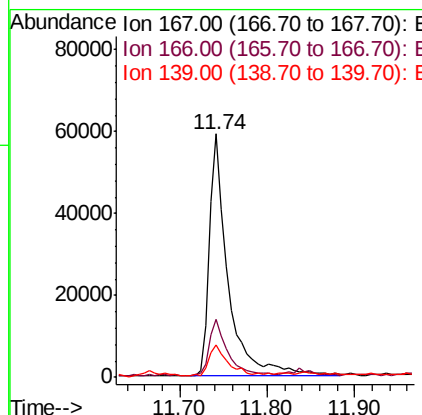
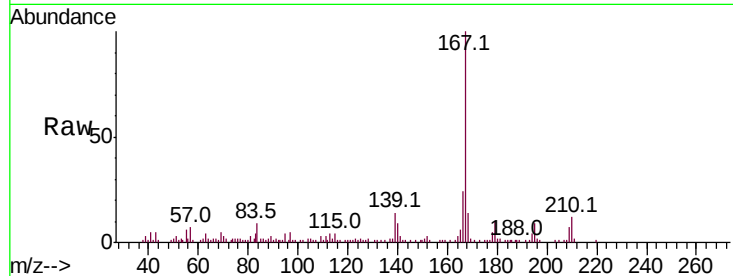
ClientSampleId :

2018-NYSEG-CLARK-AREA-12

Tot Ion:	167	Resp:	87770
Ion Ratio	Lower	Upper	
167	100		
166	23.8	17.6	26.4
139	13.5	10.9	16.3

Manual Integrations
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#74

Fluoranthene

Concen: 38.107 ng

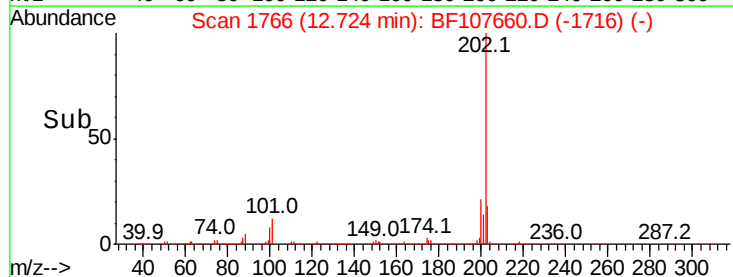
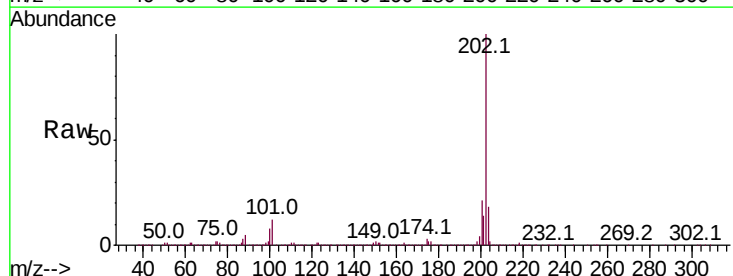
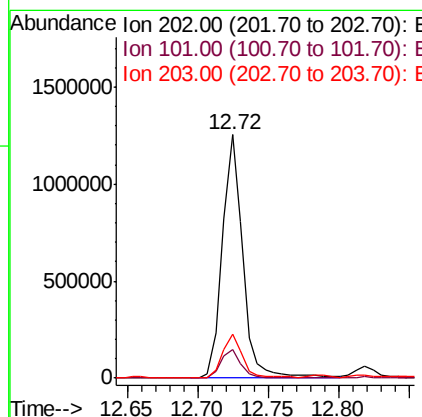
RT: 12.72 min Scan# 1766

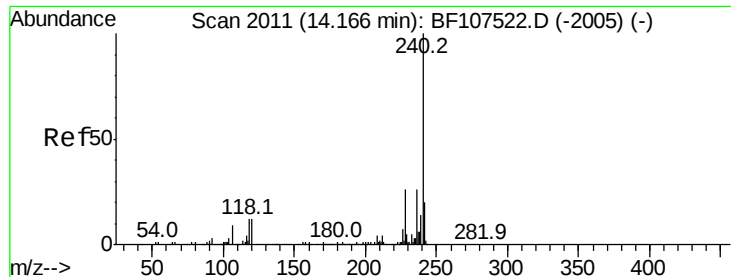
Delta R.T. -0.01 min

Lab File: BF107660.D

Acq: 25 Jul 2018 16:40

Tgt Ion:	202	Resp:	1261895
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107660.D

Acq: 25 Jul 2018 16:40

Instrument :

BNA_F

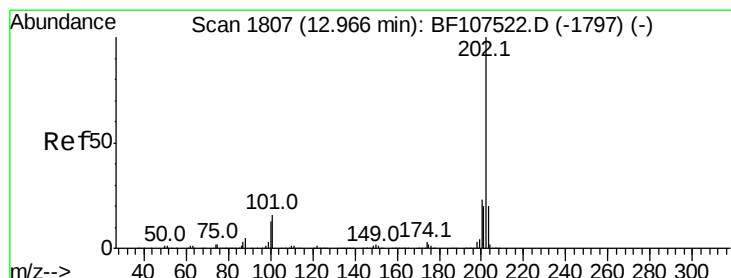
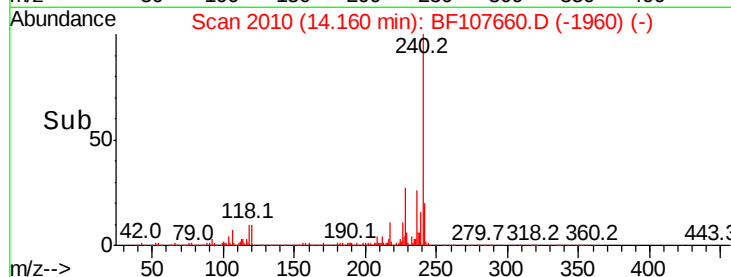
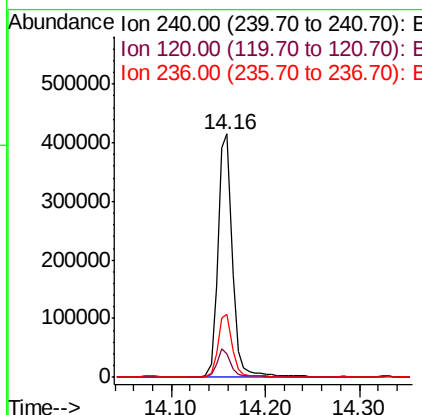
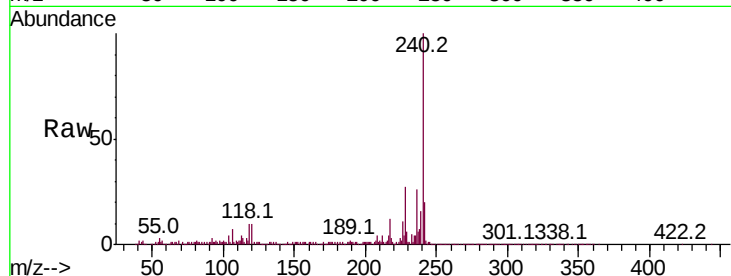
ClientSampleId :

2018-NYSEG-CLARK-AREA-12

Tot Ion:	240	Resp:	445905
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 37.773 ng

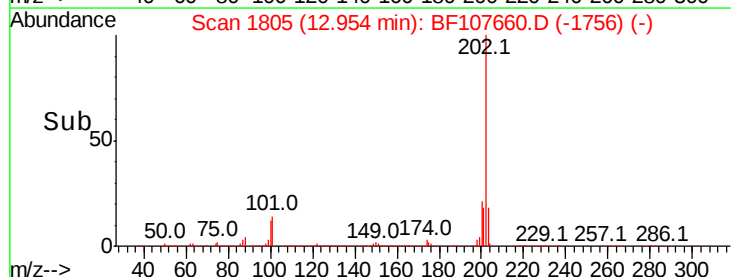
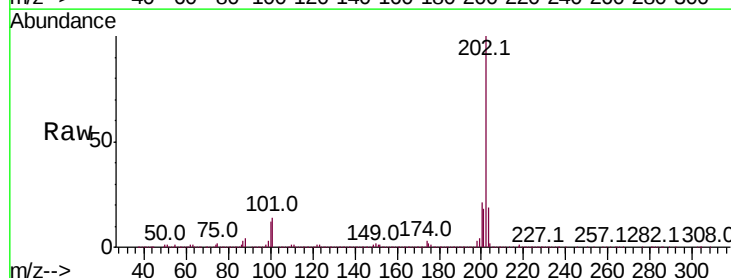
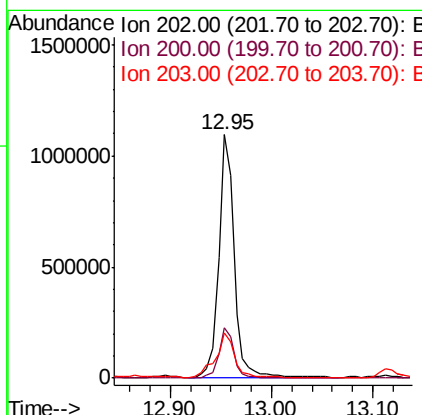
RT: 12.95 min Scan# 1805

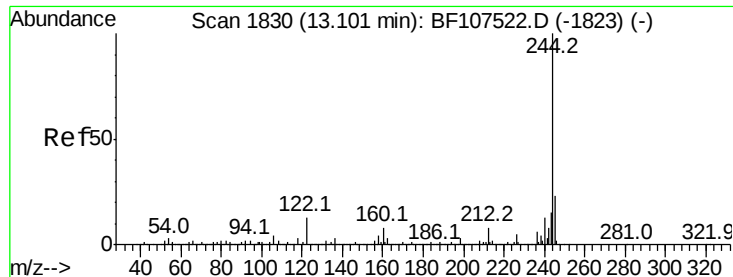
Delta R.T. -0.01 min

Lab File: BF107660.D

Acq: 25 Jul 2018 16:40

Tgt Ion:	202	Resp:	1152091
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	18.7	14.3	21.5





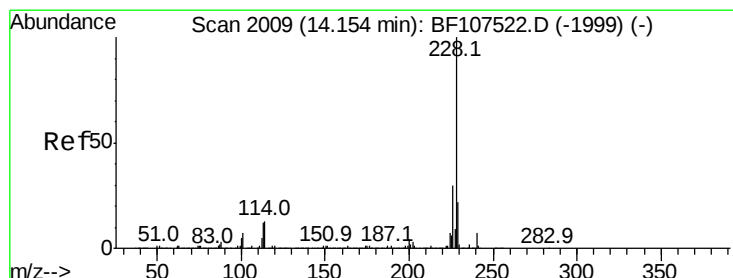
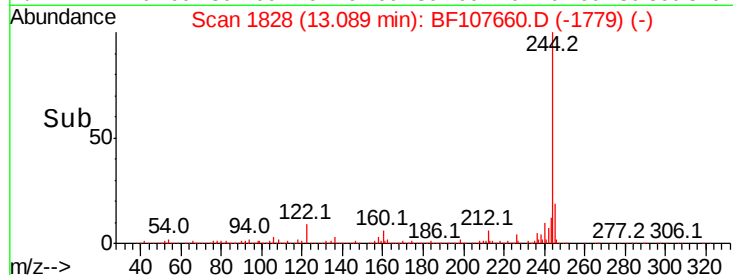
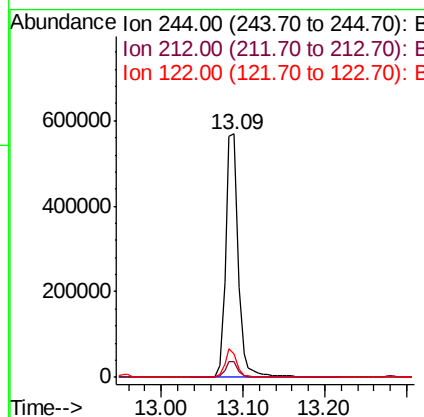
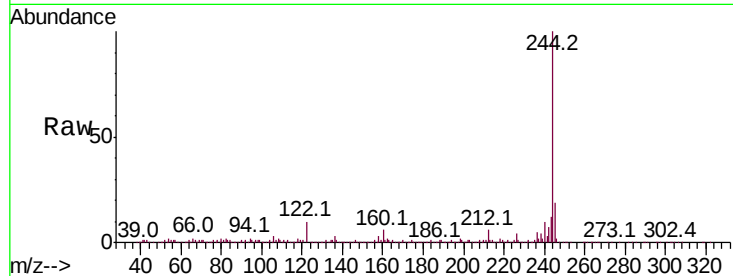
#78
 Terphenyl-d14
 Concen: 35.268 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107660.D
 Acq: 25 Jul 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.6	11.0	16.4

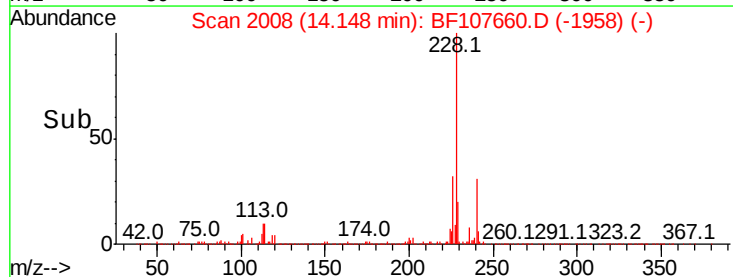
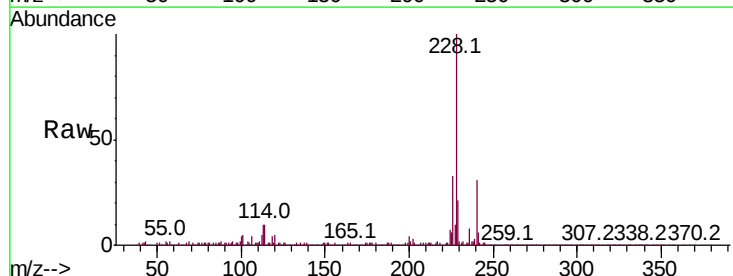
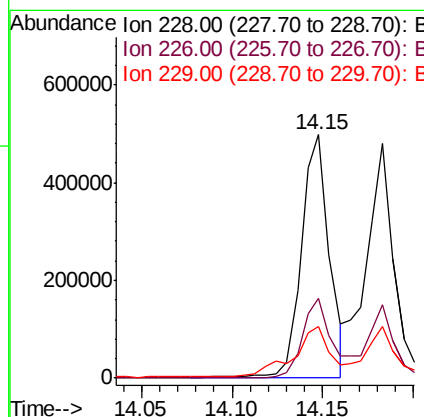
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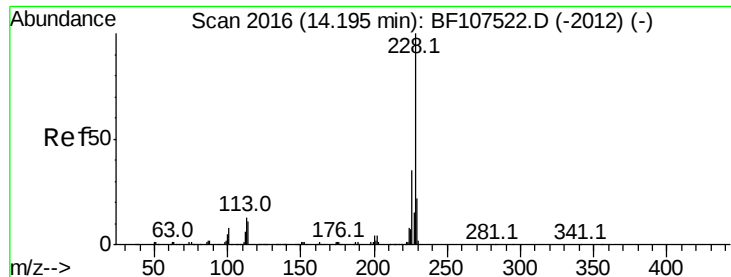
Sohil
 7/26/2018 2:02:55 PM



#80
 Benzo(a)anthracene
 Concen: 20.527 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF107660.D
 Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	21.0	15.8	23.6





#82

Chrysene

Concen: 20.856 ng m

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF107660.D

Acq: 25 Jul 2018 16:40

Instrument :

BNA_F

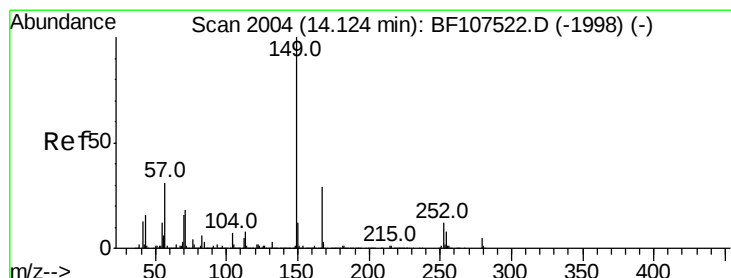
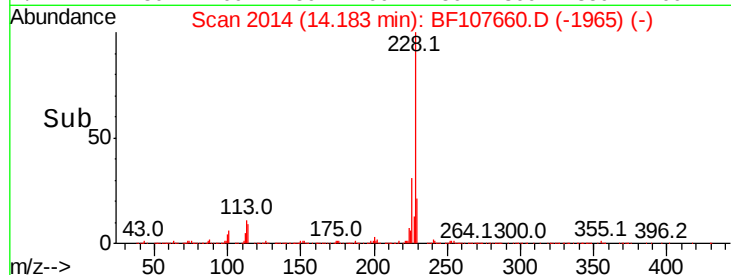
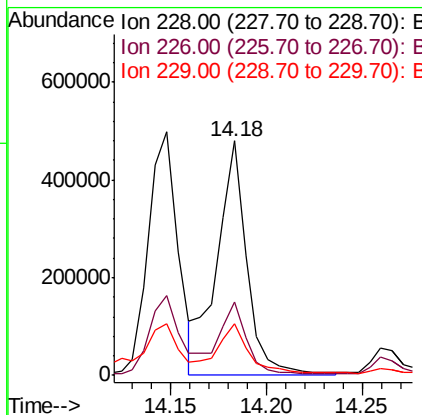
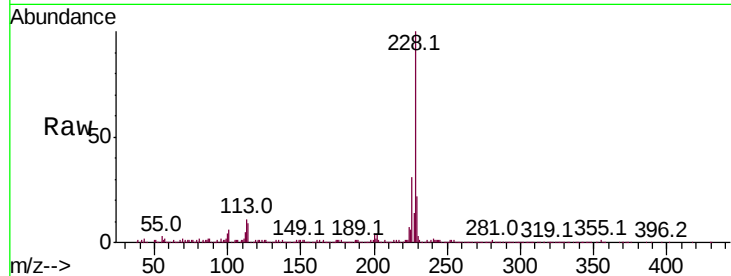
ClientSampleId :

2018-NYSEG-CLARK-AREA-12

Tot Ion:	228	Resp:	523509
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	22.1	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.293 ng

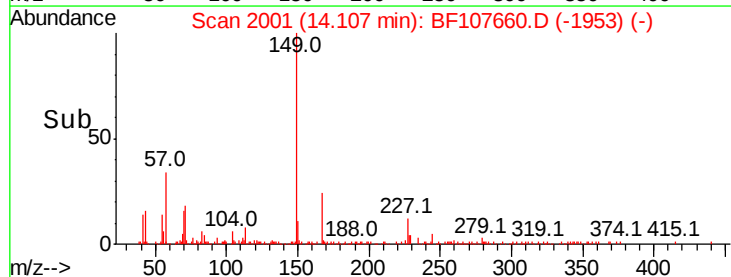
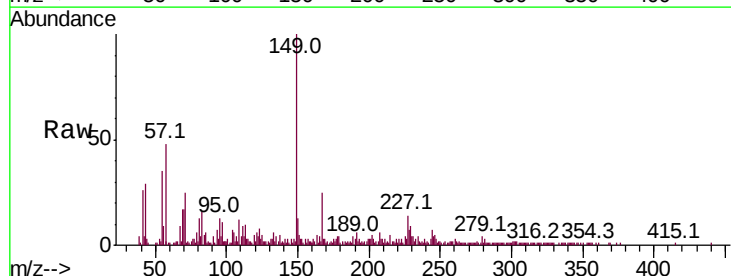
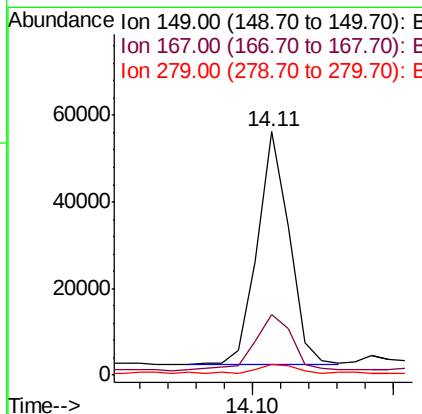
RT: 14.11 min Scan# 2001

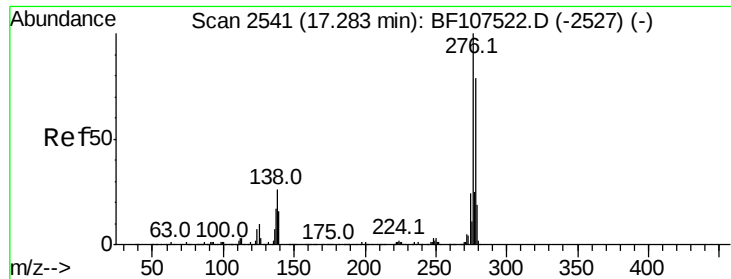
Delta R.T. -0.02 min

Lab File: BF107660.D

Acq: 25 Jul 2018 16:40

Tgt Ion:	149	Resp:	42434
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.3	31.9
279	4.1	3.0	4.4





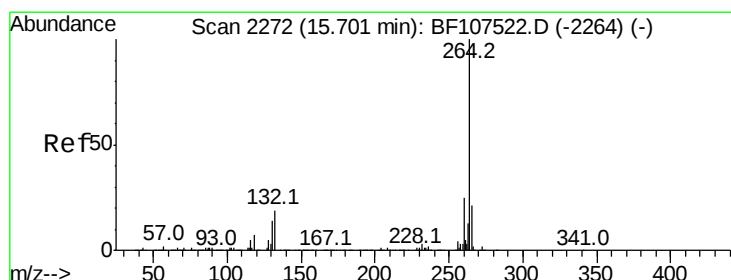
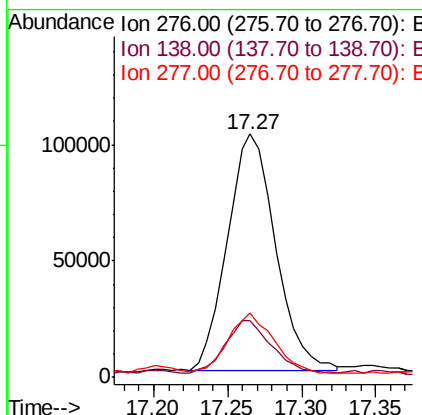
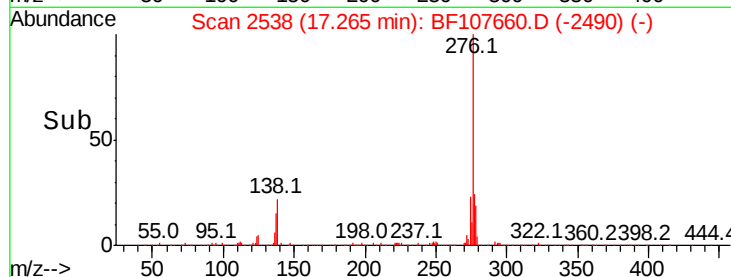
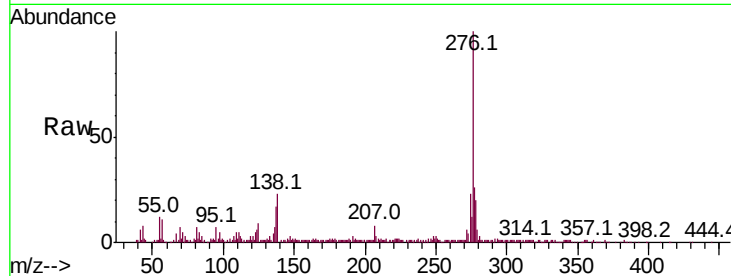
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.771 ng/ml
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.9	25.0	37.6#
277	5.0	20.1	30.1#

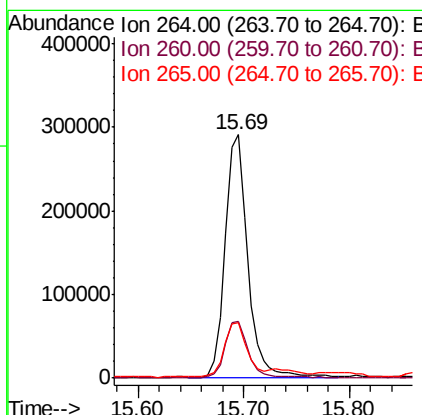
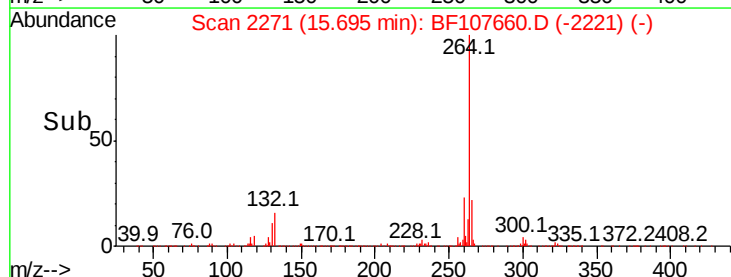
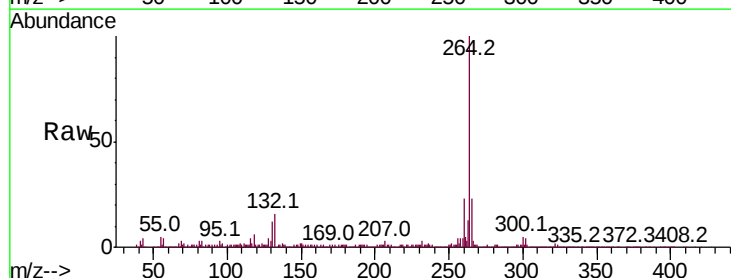
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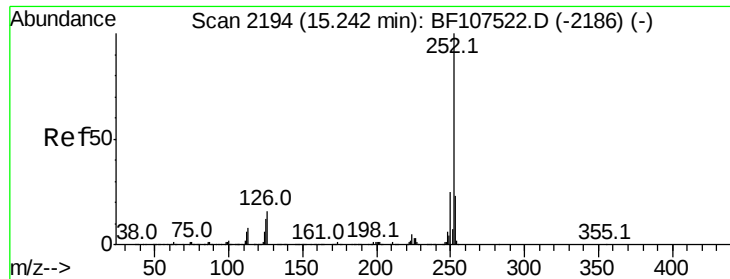
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.5	17.5	26.3





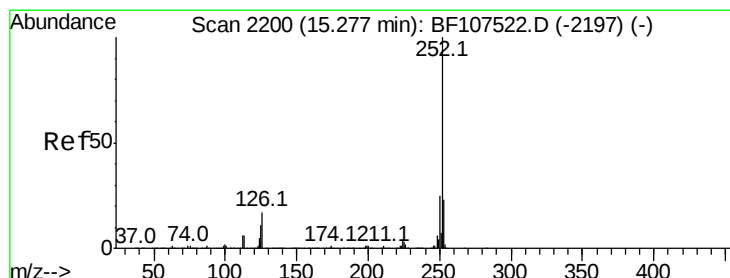
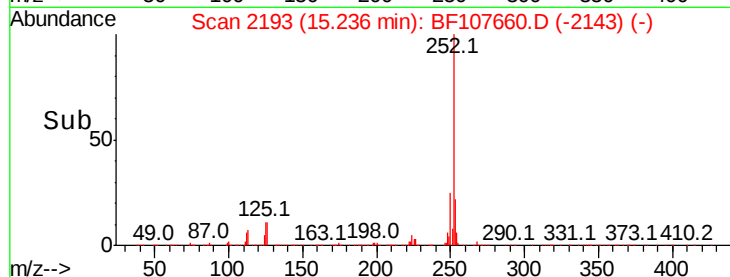
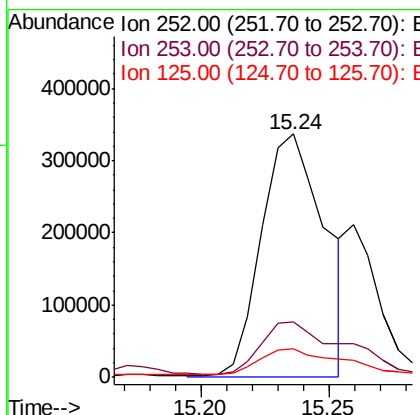
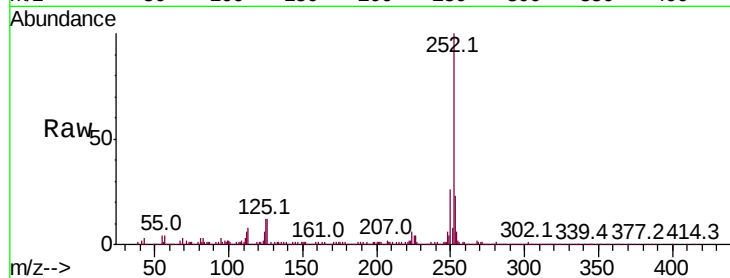
#87
Benzo(b)fluoranthene
Concen: 24.743 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.6	9.0	13.6

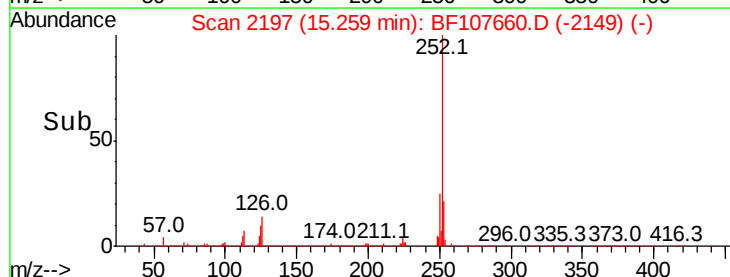
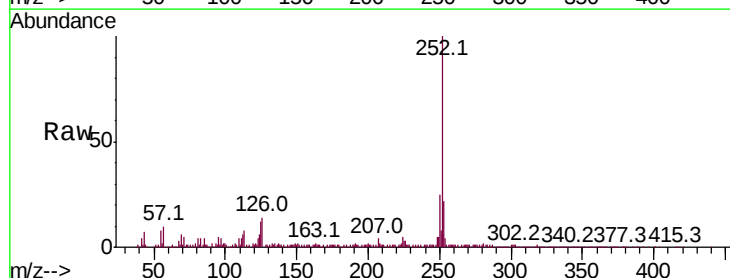
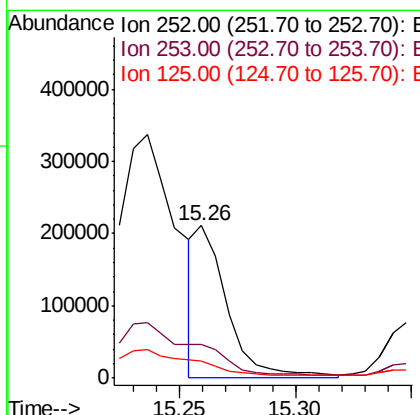
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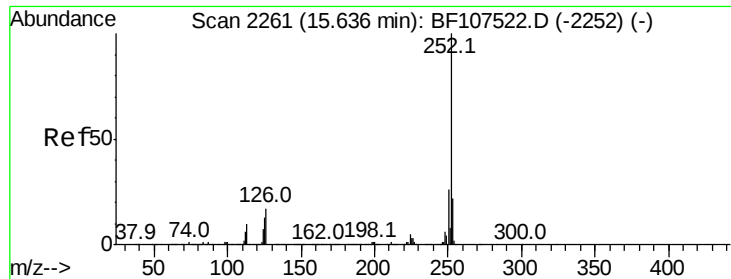
Sohil
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#88
Benzo(k)fluoranthene
Concen: 8.735 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.6	10.2	15.2





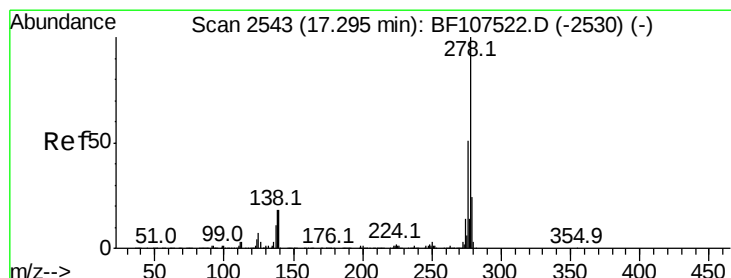
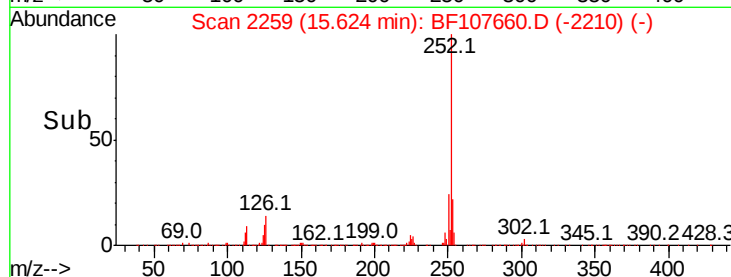
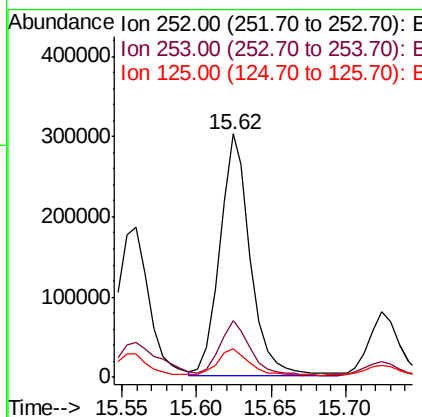
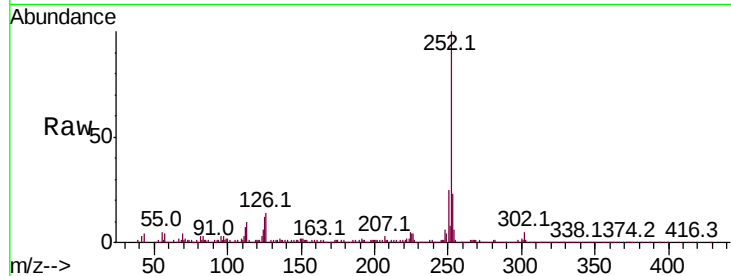
#89
Benzo(a)pyrene
Concen: 20.003 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.8	9.8	14.6

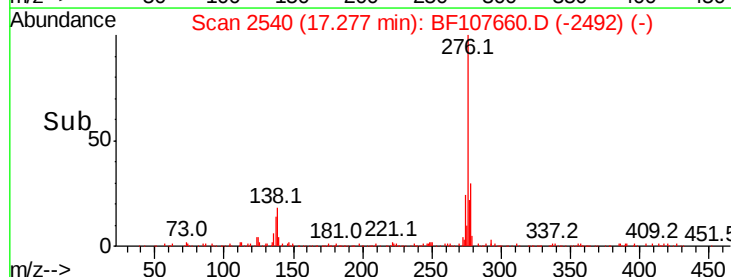
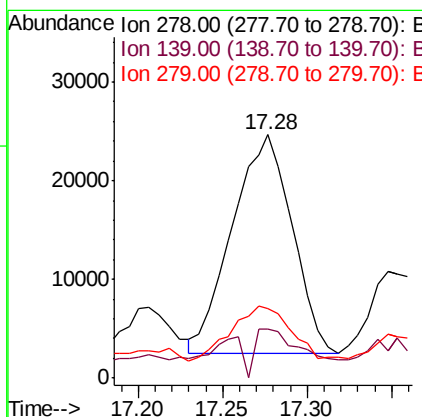
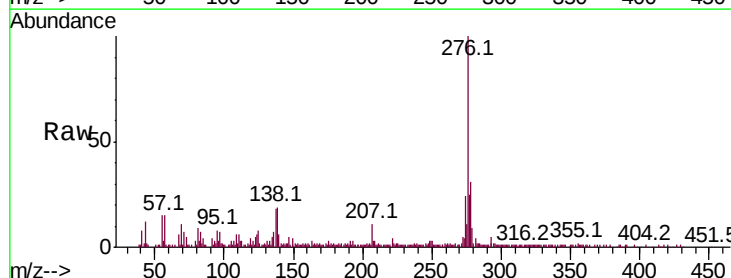
Manual Integrations
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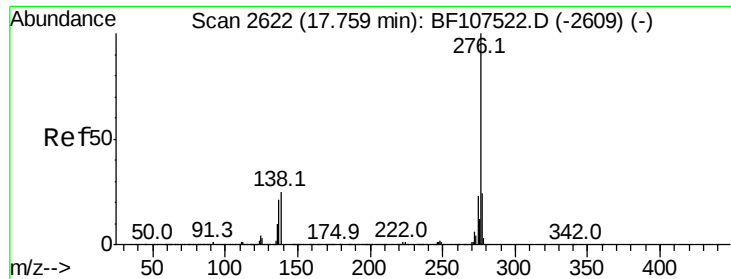
Sohil
7/26/2018 2:02:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.926 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107660.D
Acq: 25 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	28.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 11.918 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107660.D
 Acq: 25 Jul 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12

Tot Ion:	276	Resp:	218553
Ion Ratio	Lower	Upper	
276	100		
277	24.5	17.9	26.9
138	23.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/26/2018 2:02:55 PM

