

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107679.D
 Acq On : 26 Jul 2018 2:20
 Operator : JU/SJ
 Sample : J4126-05DL 40X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11DL

Manual Integrations
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Quant Time: Jul 26 04:46:26 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	127619	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	530687	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	206432	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	374021	20.00	ng	0.00
75) Chrysene-d12	14.15	240	339902	20.00	ng	-0.01
86) Perylene-d12	15.69	264	297361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	2042	0.26	ng	0.02
7) Phenol-d6	6.66	99	8696	0.91	ng	0.05
23) Nitrobenzene-d5	7.55	82	4671	0.59	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	4130	1.76	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.08	244	20263	1.53	ng	-0.02
Target Compounds						
31) Naphthalene	8.27	128	53738	2.303	ng	98
45) 1,1'-Biphenyl	9.42	154	60826	3.382	ng	94
48) Acenaphthylene	9.87	152	46986	2.276	ng	98
51) Acenaphthene	10.04	154	306205	23.668	ng	99
57) Fluorene	10.56	166	185872	13.679	ng	93
70) Phenanthrene	11.53	178	1316733	72.244	ng	99
71) Anthracene	11.58	178	402237	21.919	ng	99
74) Fluoranthene	12.72	202	805852	41.203	ng	96
77) Pyrene	12.95	202	1022959	43.999	ng	98
80) Benzo(a)anthracene	14.15	228	336507m	16.894	ng	
82) Chrysene	14.18	228	242170	12.656	ng	100
85) Indeno(1,2,3-cd)pyrene	17.27	276	79154	4.881	ng	# 90
87) Benzo(b)fluoranthene	15.24	252	216515m	13.304	ng	
88) Benzo(k)fluoranthene	15.26	252	69431m	4.355	ng	
89) Benzo(a)pyrene	15.62	252	206614m	13.879	ng	
91) Benzo(g,h,i)perylene	17.75	276	77880	6.136	ng	95

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

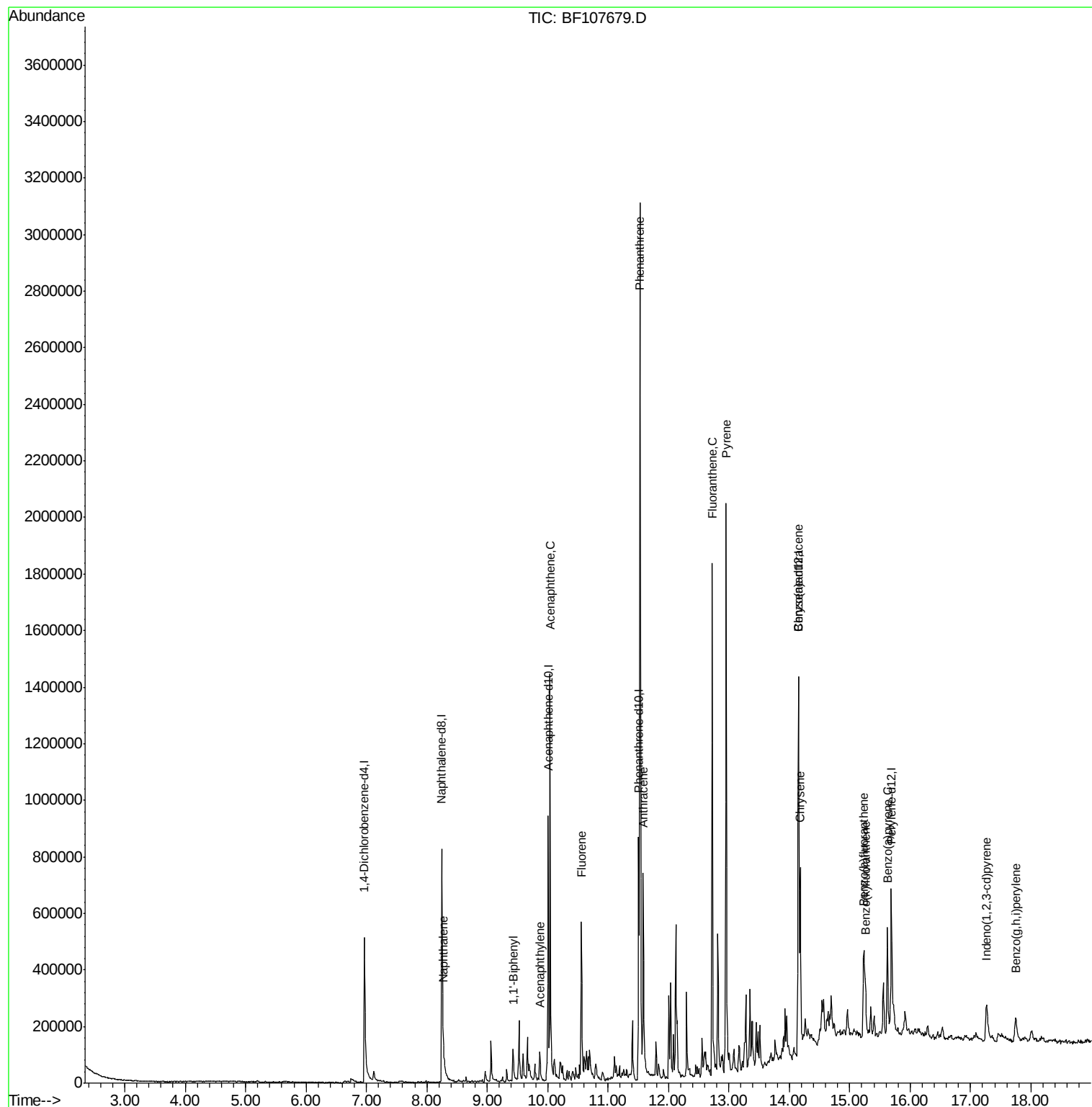
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107679.D
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ALS Vial : 30 Sample Multiplier: 1

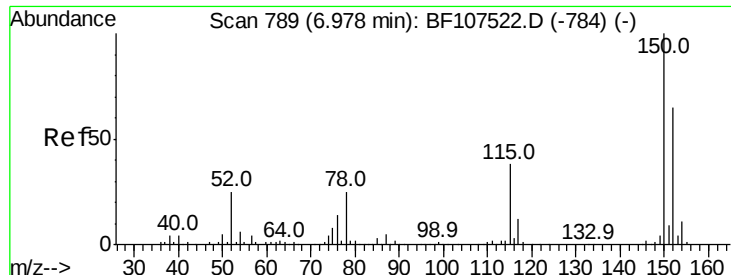
Instrument :
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2018-NYSEG-CLARK-AREA-11DL

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#1

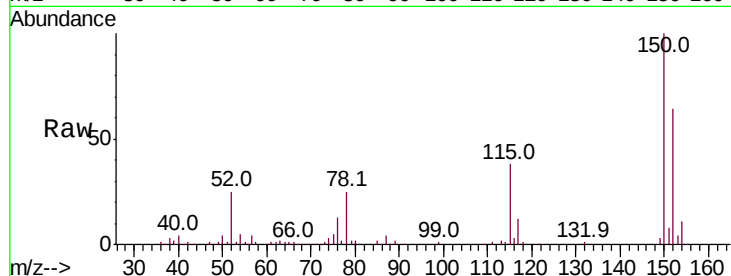
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107679.D
 Acq: 26 Jul 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	60.3	50.1	75.1

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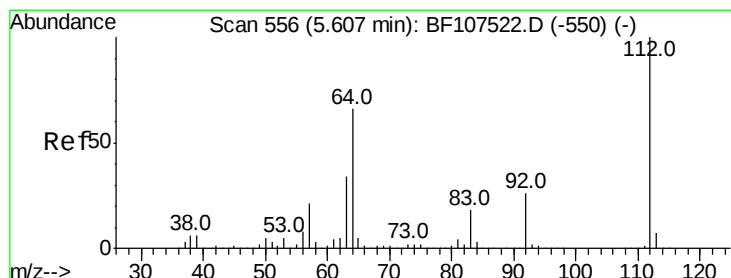
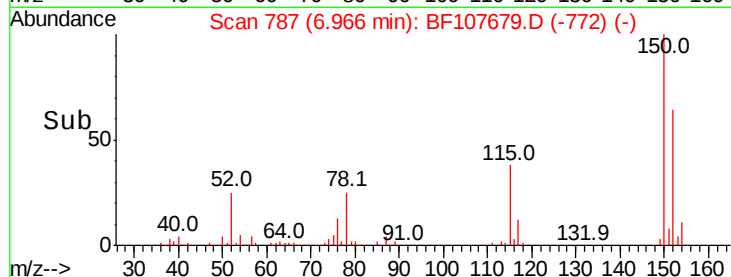
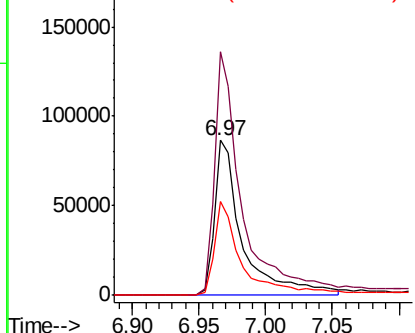


Abundance

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: 0.257 ng
 RT: 5.62 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF107679.D
 Acq: 26 Jul 2018 2:20

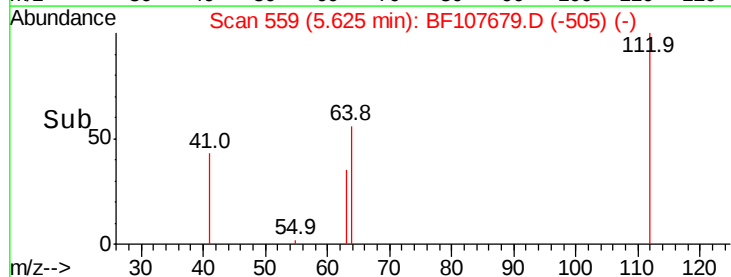
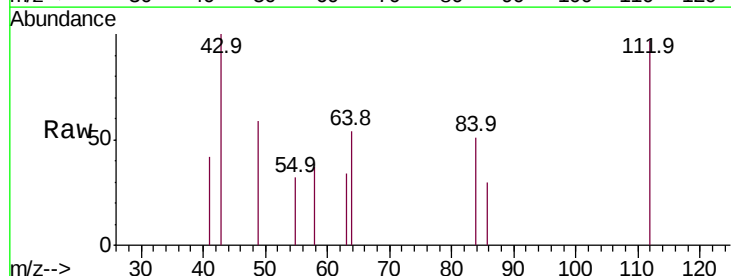
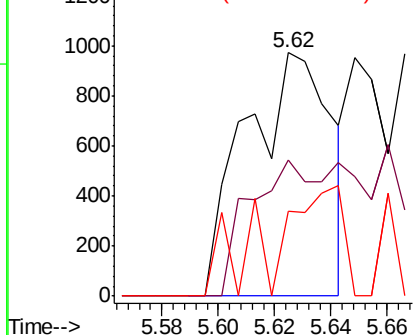
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	34.8	23.7	35.5

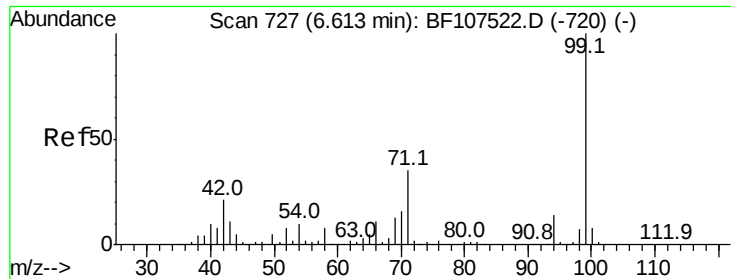
Abundance

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: 0.912 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF107679.D

Acq: 26 Jul 2018 2:20

Instrument :

BNA_F

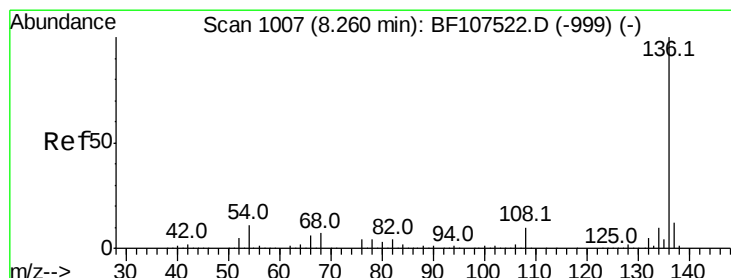
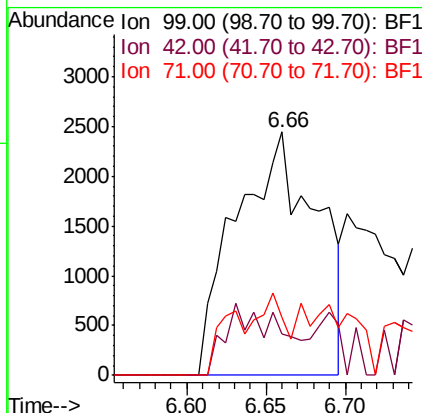
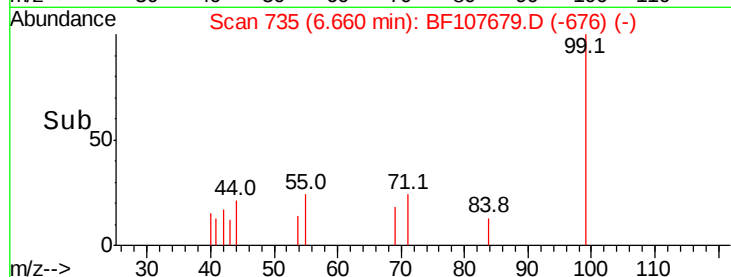
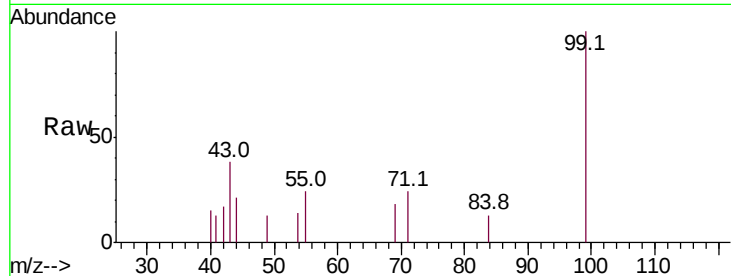
ClientSampleId :

2018-NYSEG-CLARK-AREA-11DL

Tot Ion:	99	Resp:	8696
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.5	21.7
71	24.0	25.4	38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

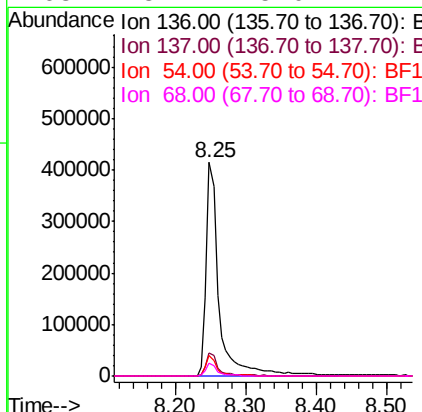
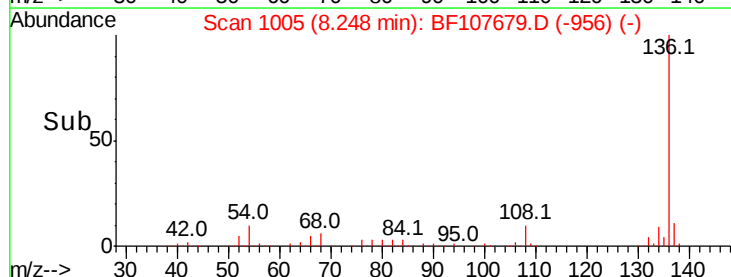
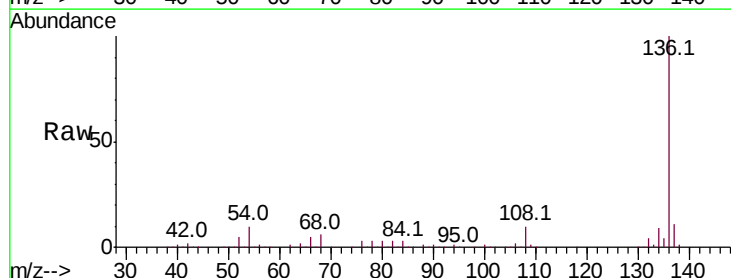
RT: 8.25 min Scan# 1005

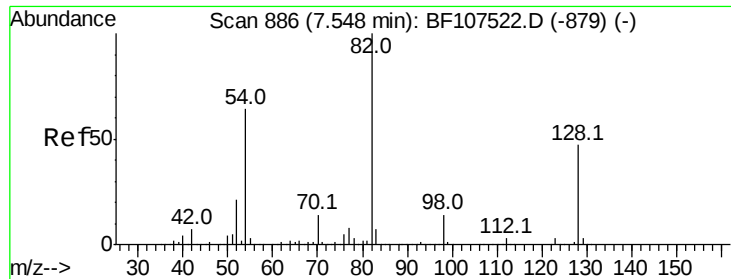
Delta R.T. -0.01 min

Lab File: BF107679.D

Acq: 26 Jul 2018 2:20

Tgt Ion:	136	Resp:	530687
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.7	6.6	9.8
68	5.7	5.0	7.4





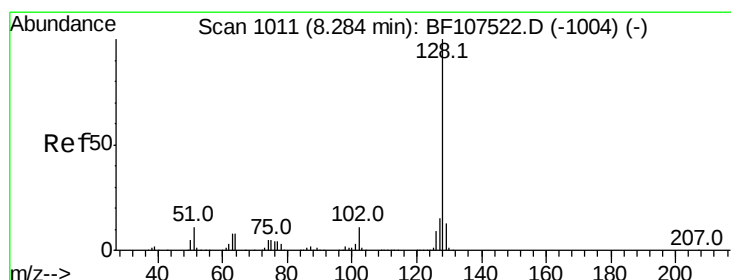
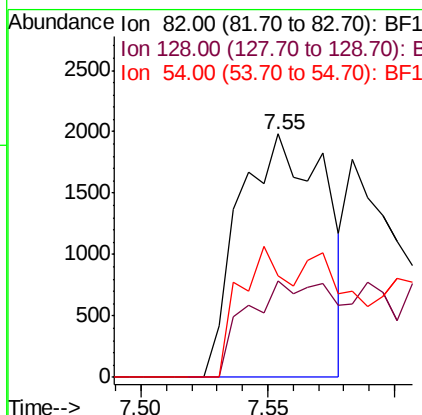
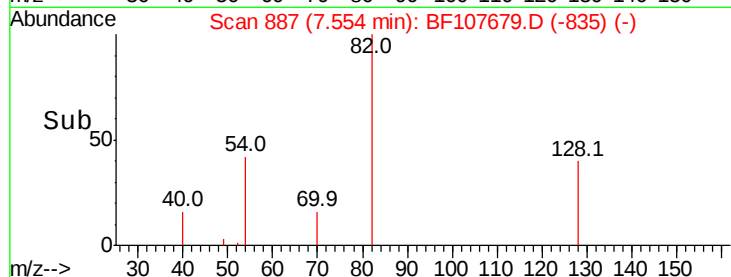
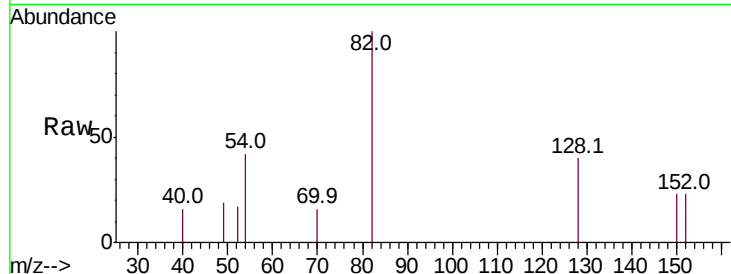
#23
Nitrobenzene-d5
Concen: 0.594 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	41.6	41.4	62.2

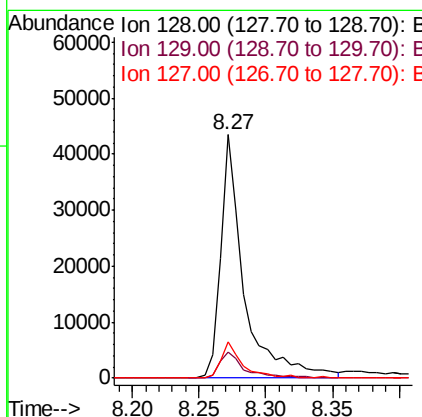
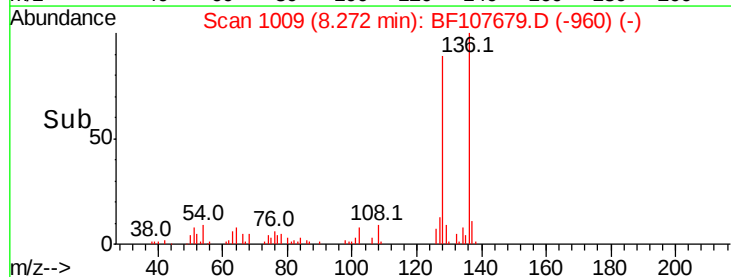
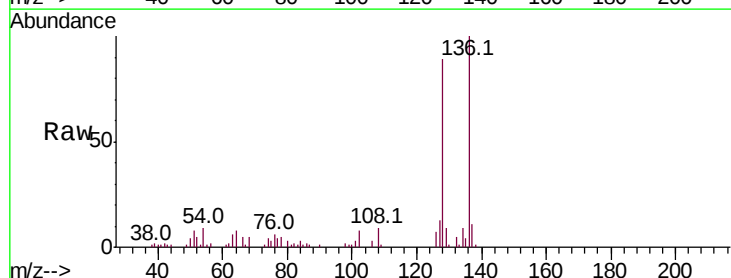
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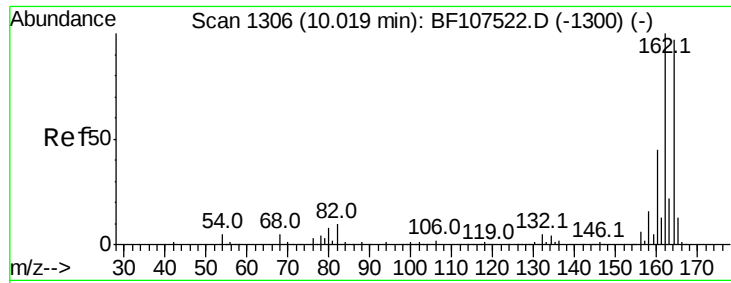
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#31
Naphthalene
Concen: 2.303 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	14.8	10.9	16.3





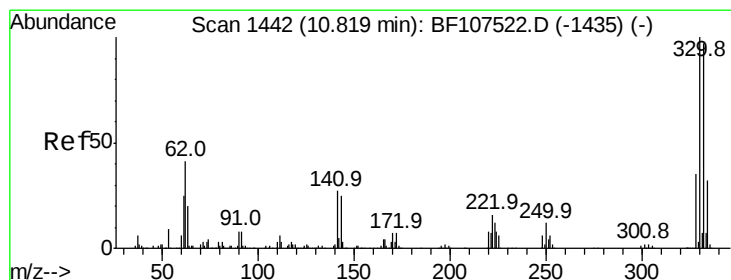
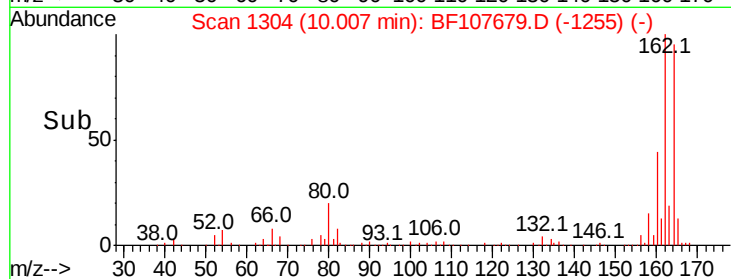
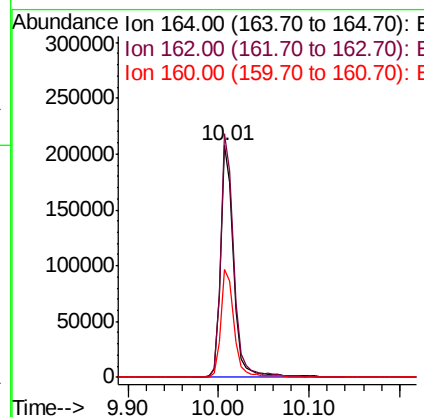
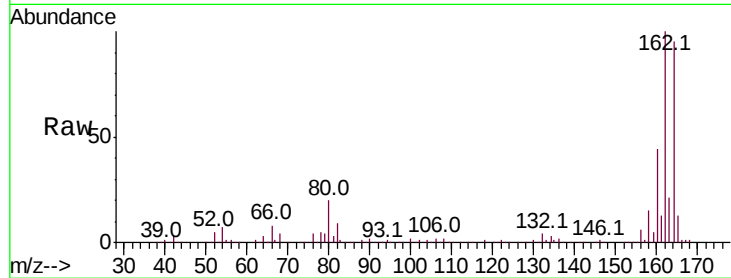
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100	206432		
162	105.1	86.1	129.1	
160	46.8	38.3	57.5	

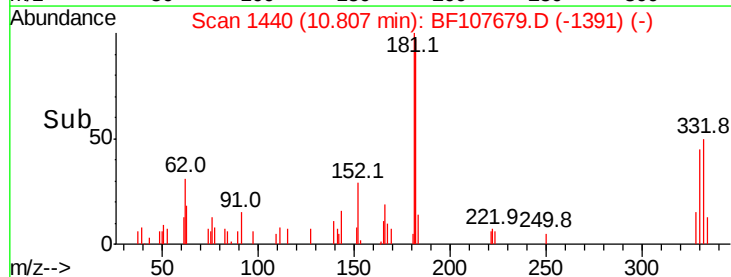
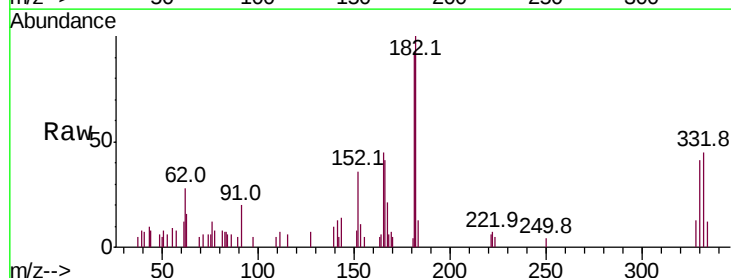
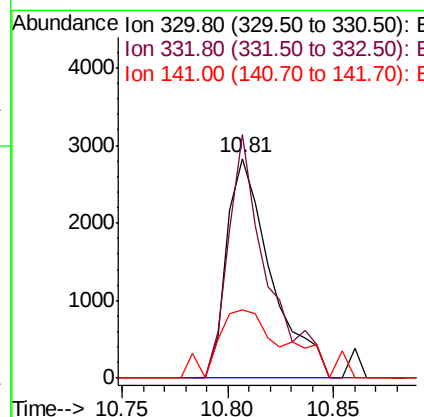
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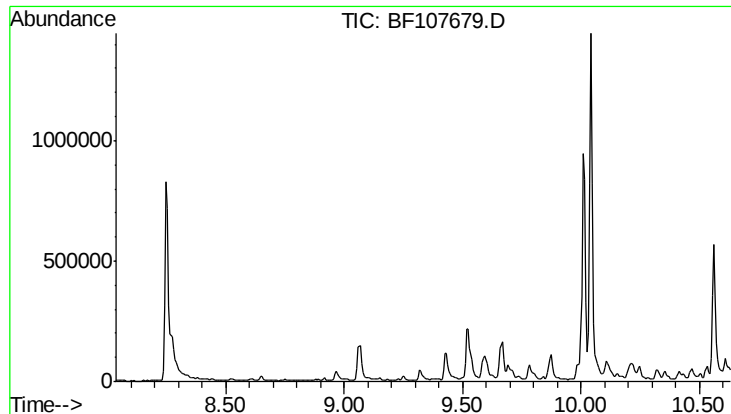
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#41
2,4,6-Tribromophenol
Concen: 1.759 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	4130		
332	96.9	77.0	115.6	
141	50.7	29.9	44.9#	





#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.34 min

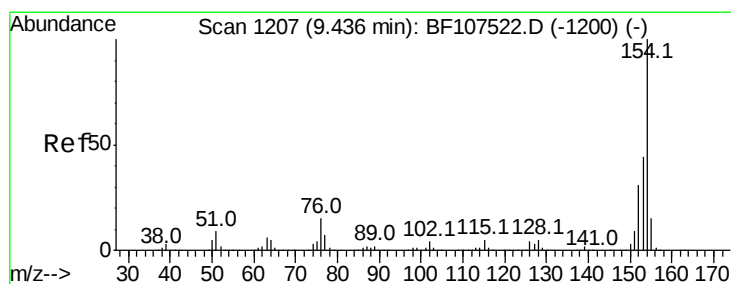
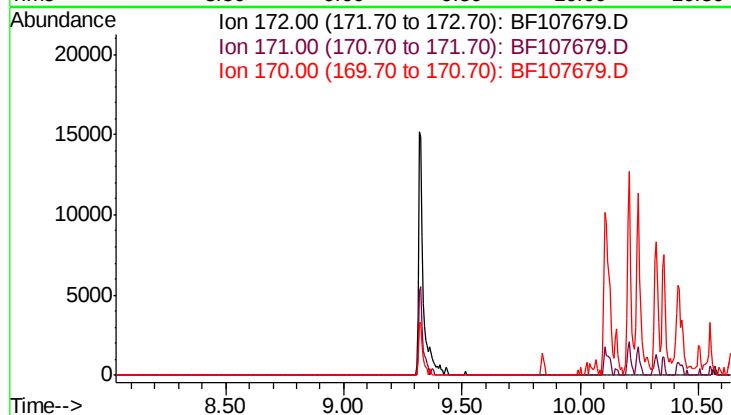
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11DL

Manual Integrations
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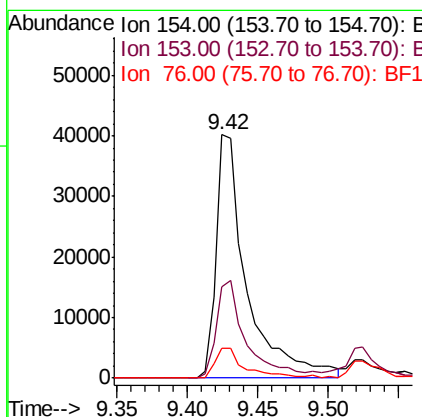
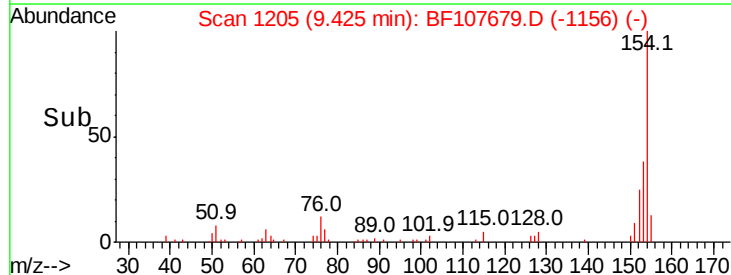
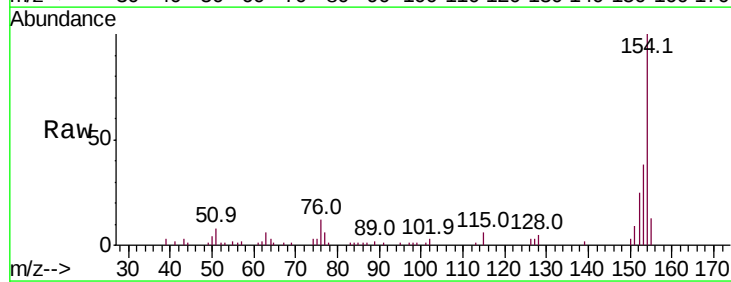
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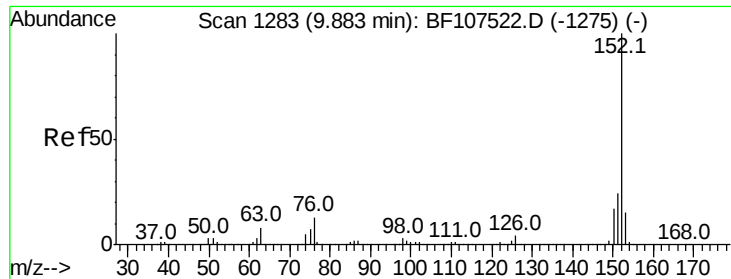
Tot Ion: 172
Sig Exp Ratio
172 100
171 37.1
170 24.5



#45
1,1'-Biphenyl
Concen: 3.382 ng
RT: 9.42 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Tgt Ion: 154 Resp: 60826
Ion Ratio Lower Upper
154 100
153 37.5 21.3 61.3
76 12.3 0.0 34.0





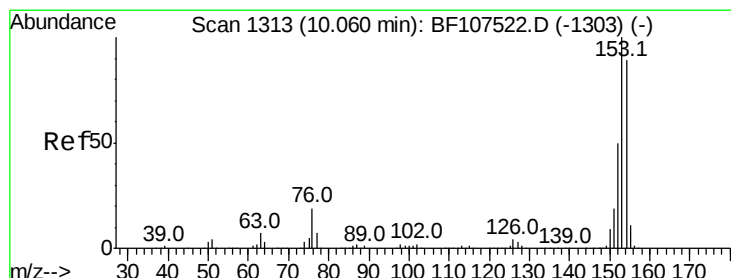
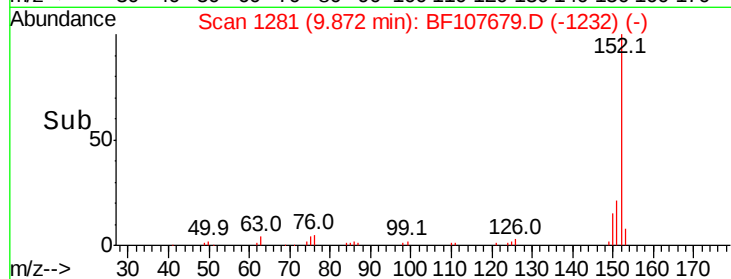
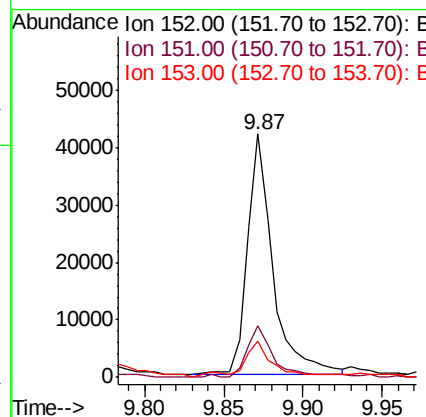
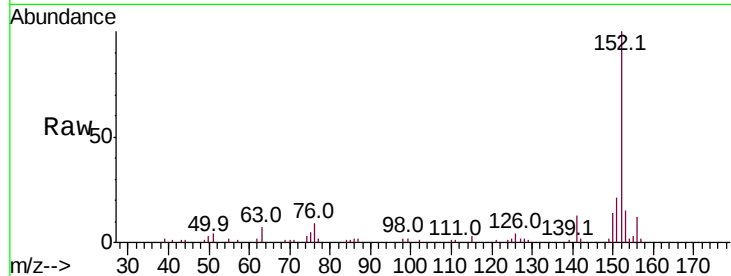
#48
Acenaphthylene
Concen: 2.276 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11DL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	46986		
151	21.0	16.3	24.5	
153	14.8	10.7	16.1	

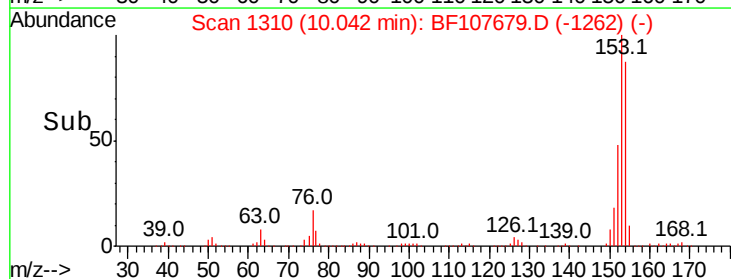
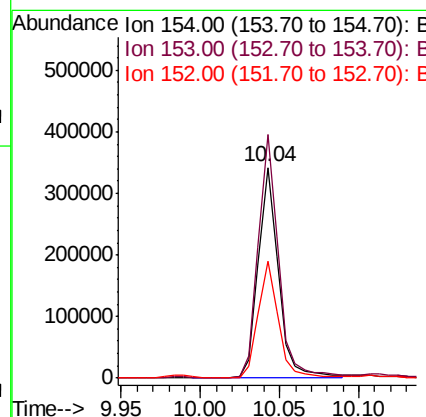
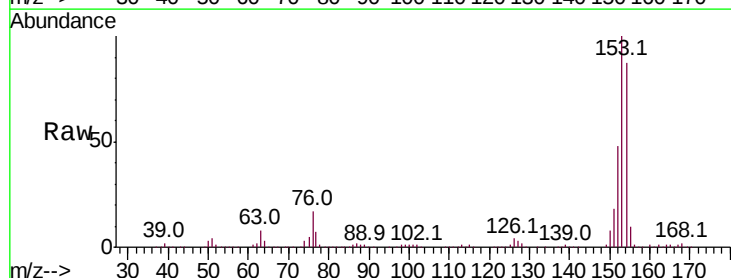
Manual Integrations
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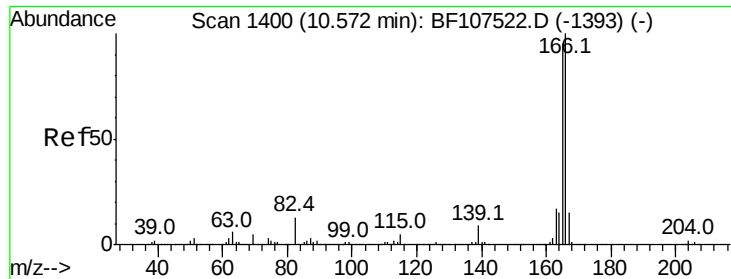
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#51
Acenaphthene
Concen: 23.668 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	306205		
153	115.4	91.2	136.8	
152	55.1	43.8	65.8	





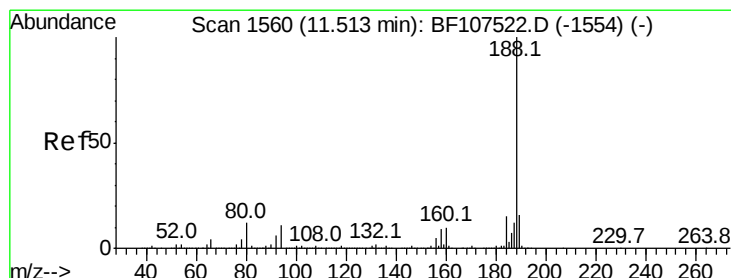
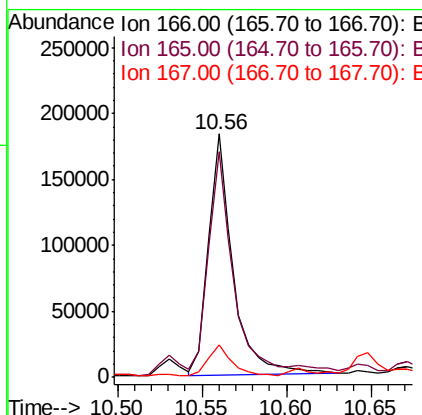
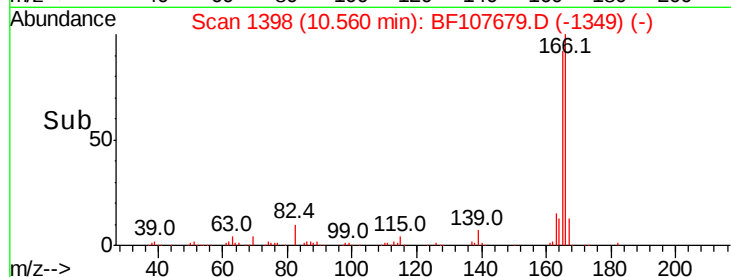
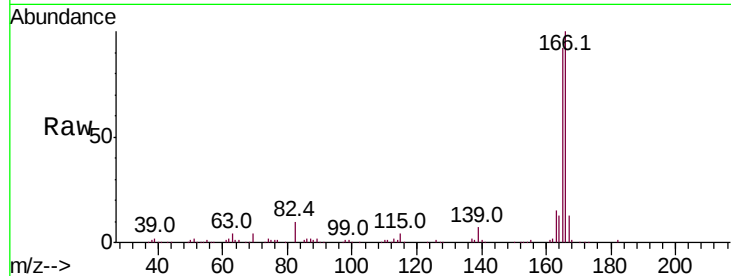
#57
Fluorene
 Concen: 13.679 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107679.D
 Acq: 26 Jul 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11DL

Tot Ion:	166	Resp:	185872
Ion Ratio	Lower	Upper	
166	100		
165	92.5	79.8	119.8
167	13.2	10.6	16.0

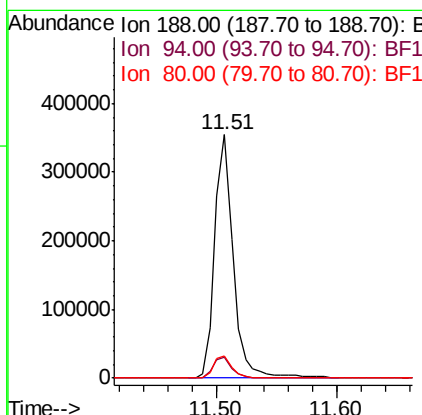
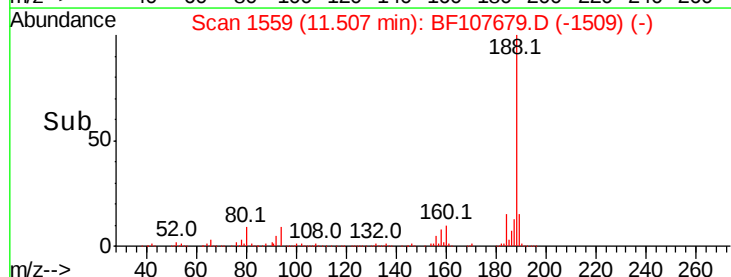
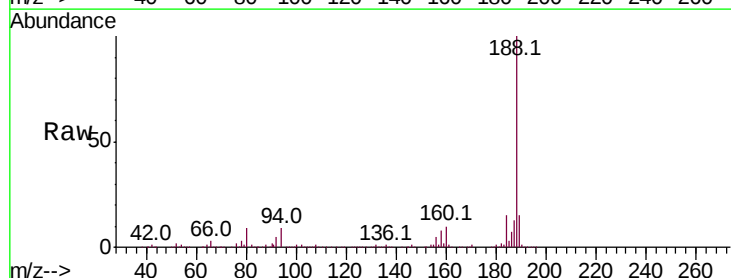
Manual Integrations
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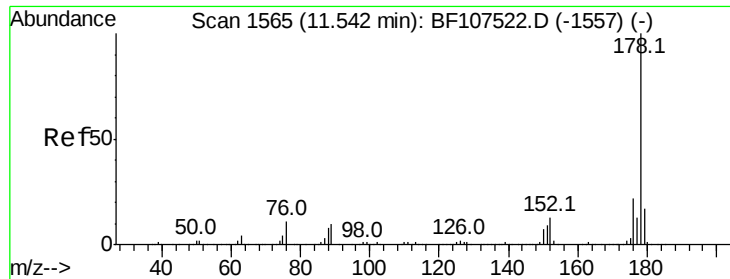
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF107679.D
 Acq: 26 Jul 2018 2:20

Tgt Ion:	188	Resp:	374021
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.5	12.7
80	9.1	9.2	13.8#





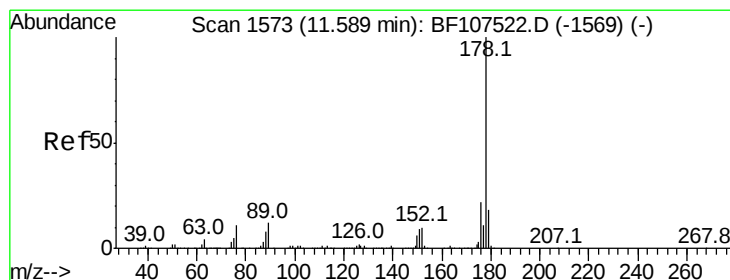
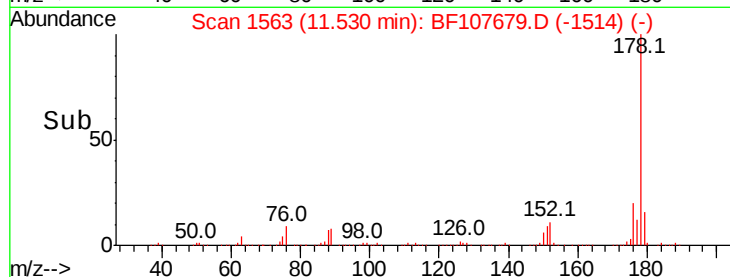
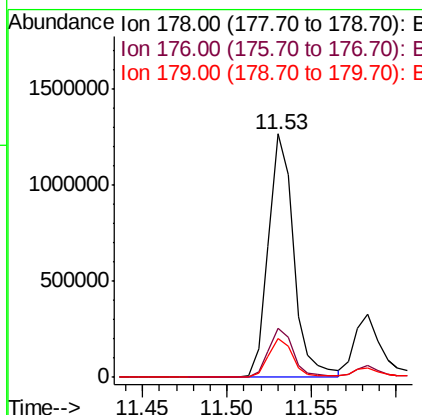
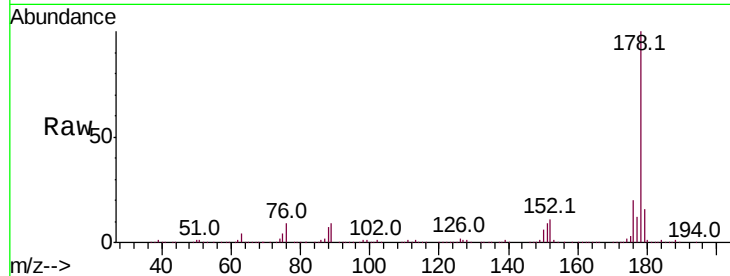
#70
Phenanthrene
Concen: 72.244 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11DL

Tot Ion:178 Resp: 1316733
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.9 13.0 19.6

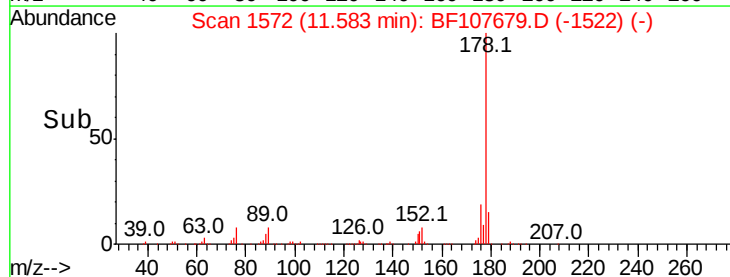
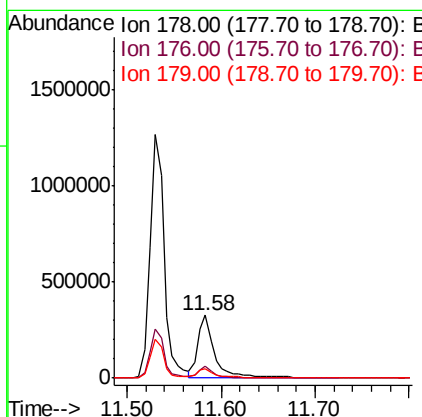
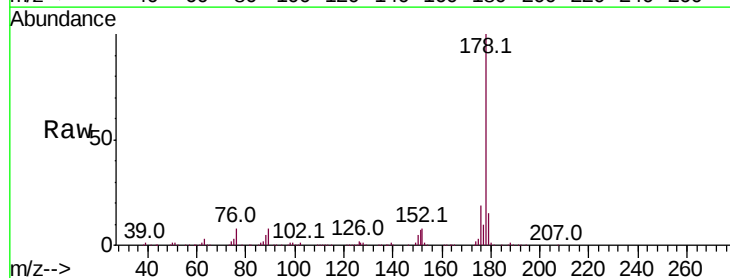
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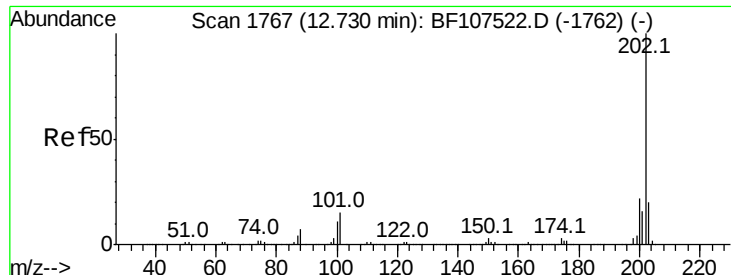
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#71
Anthracene
Concen: 21.919 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Tgt Ion:178 Resp: 402237
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.1 12.6 19.0





#74

Fluoranthene

Concen: 41.203 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107679.D

Acq: 26 Jul 2018 2:20

Instrument :

BNA_F

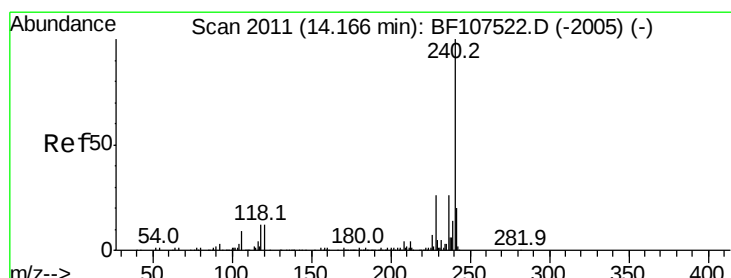
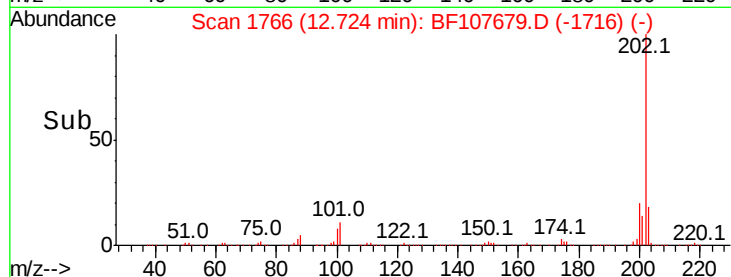
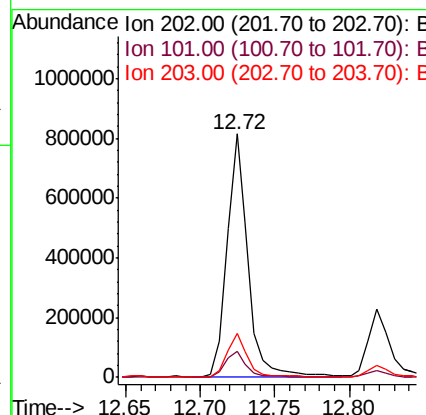
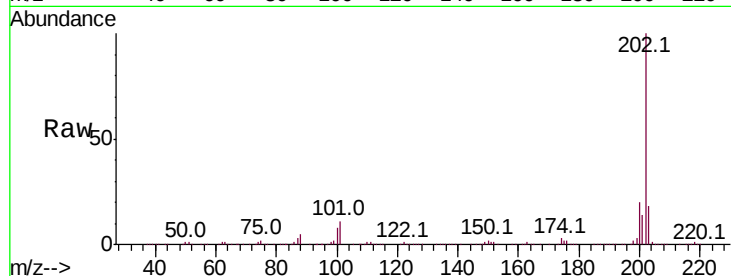
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	34.1
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

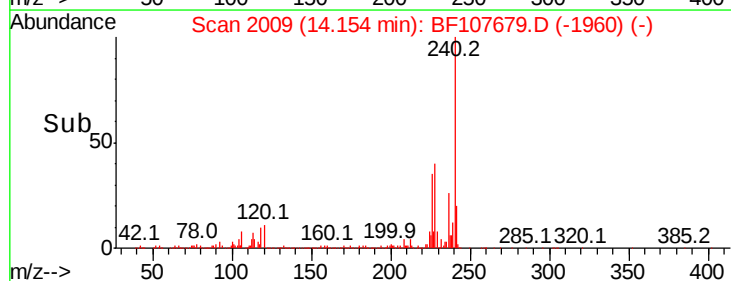
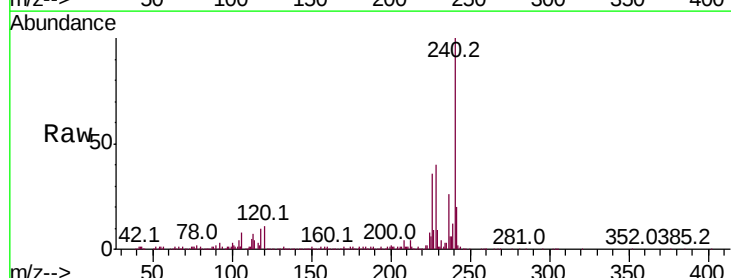
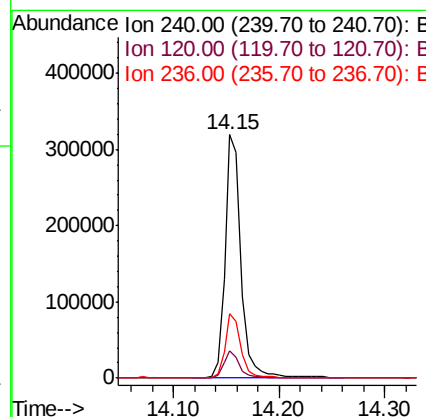
RT: 14.15 min Scan# 2009

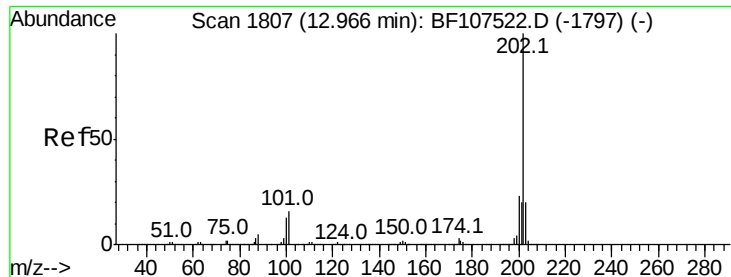
Delta R.T. -0.01 min

Lab File: BF107679.D

Acq: 26 Jul 2018 2:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.5	20.7	31.1





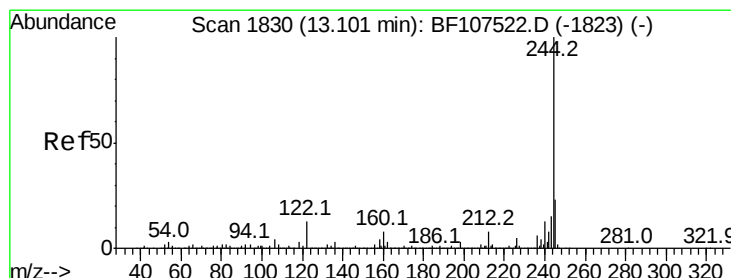
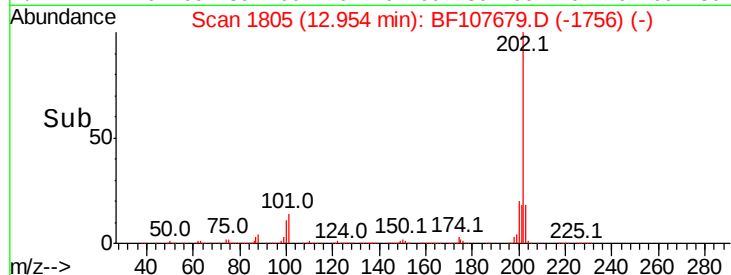
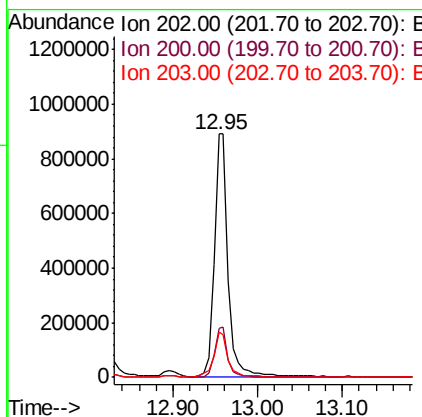
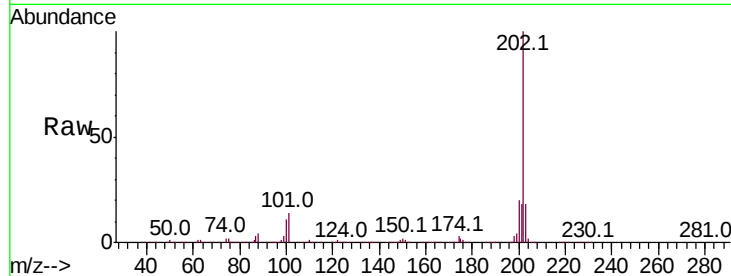
#77
Pvrene
Concen: 43.999 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.3	14.3	21.5

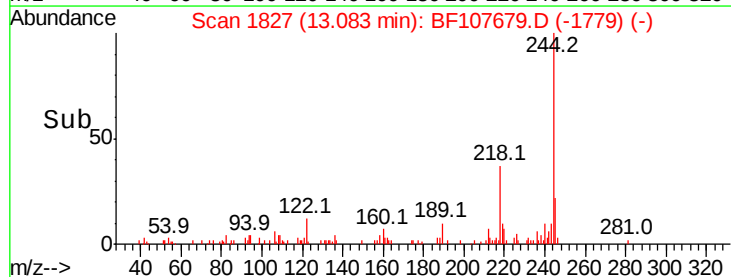
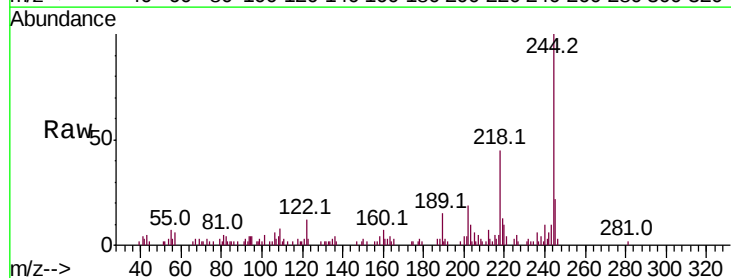
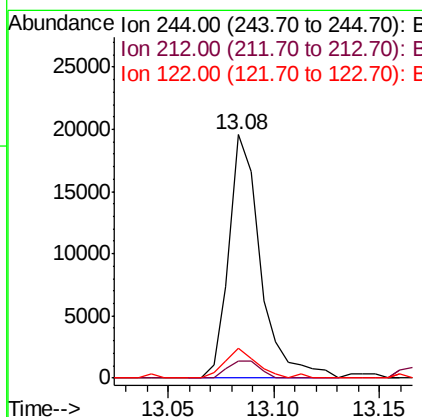
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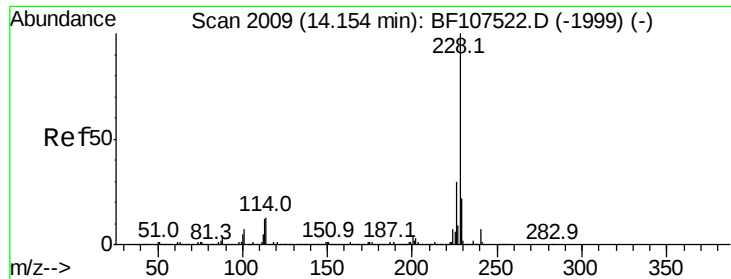
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#78
Terphenyl-d14
Concen: 1.526 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.4	11.0	16.4





#80

Benzo(a)anthracene

Concen: 16.894 ng m

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107679.D

Acq: 26 Jul 2018 2:20

Instrument :

BNA_F

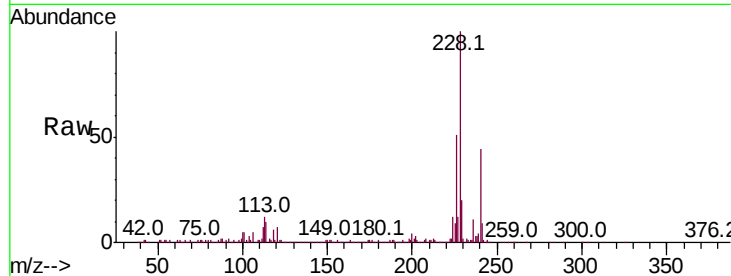
ClientSampleId :

2018-NYSEG-CLARK-AREA-11DL

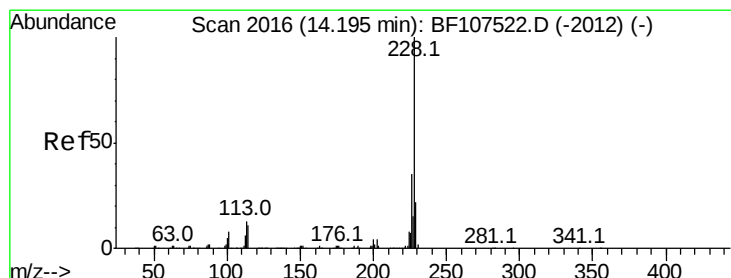
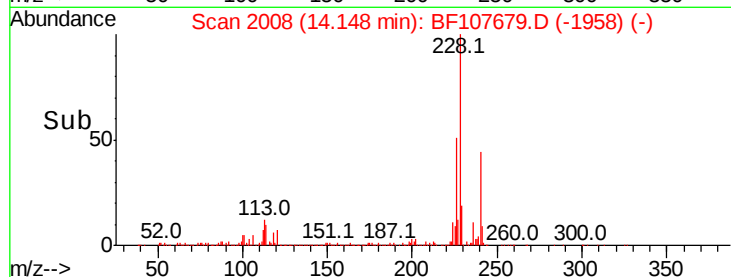
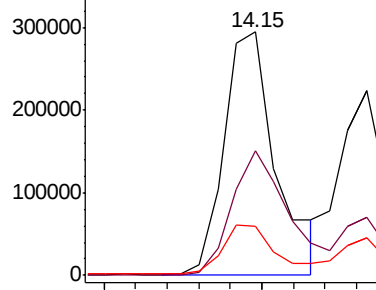
Tot Ion:	228	Resp:	336507
Ion Ratio	Lower	Upper	
228	100		
226	51.1	22.6	33.8#
229	20.0	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
400000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 12.656 ng

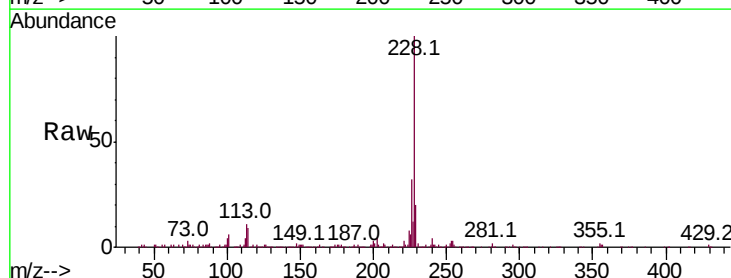
RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

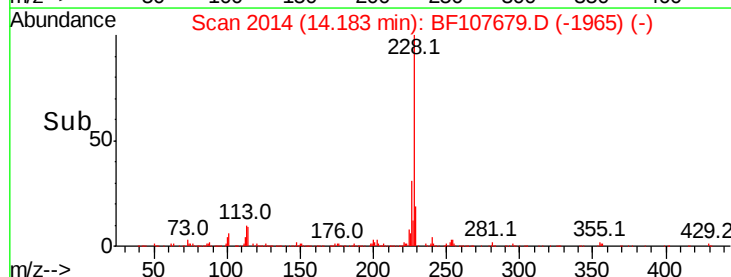
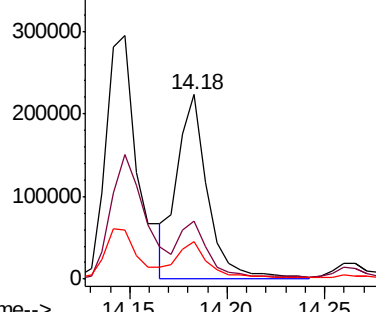
Lab File: BF107679.D

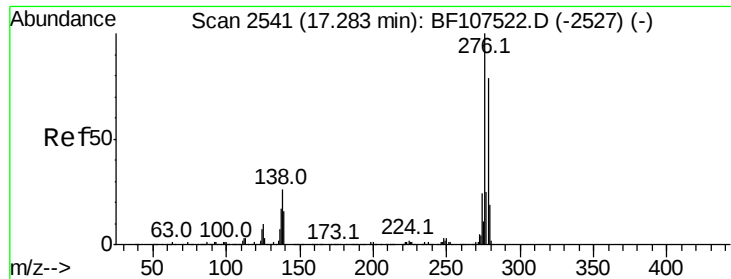
Acq: 26 Jul 2018 2:20

Tgt Ion:	228	Resp:	242170
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	20.3	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
400000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.881 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF107679.D

Acq: 26 Jul 2018 2:20

Instrument :

BNA_F

ClientSampleId :

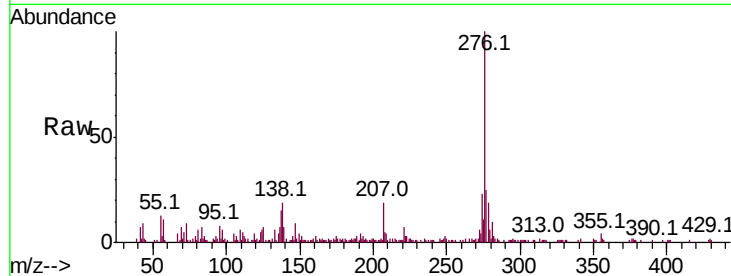
2018-NYSEG-CLARK-AREA-11DL

Tot Ion:	276	Resp:	79154
Ion Ratio	Lower	Upper	
276	100		
138	22.0	25.0	37.6#
277	24.4	20.1	30.1

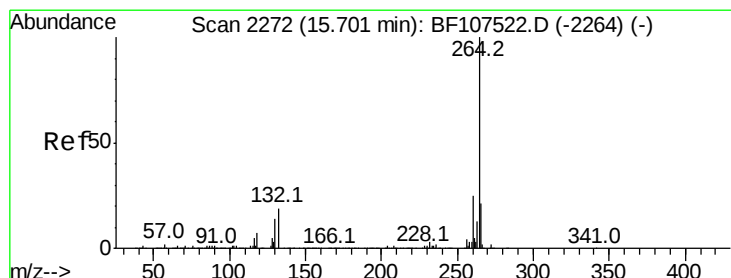
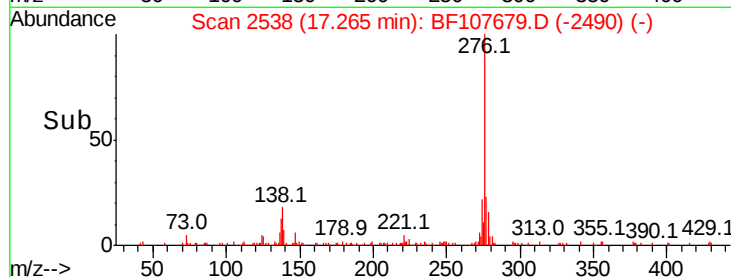
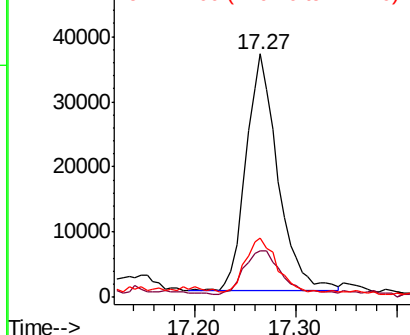
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

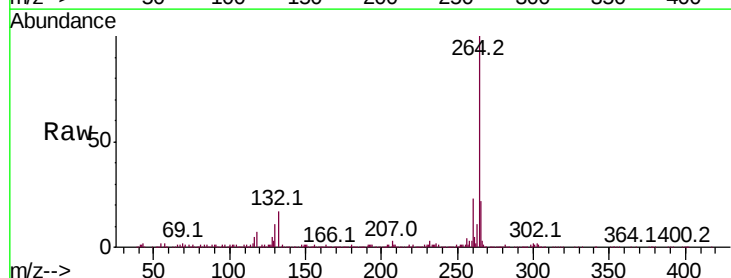
RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

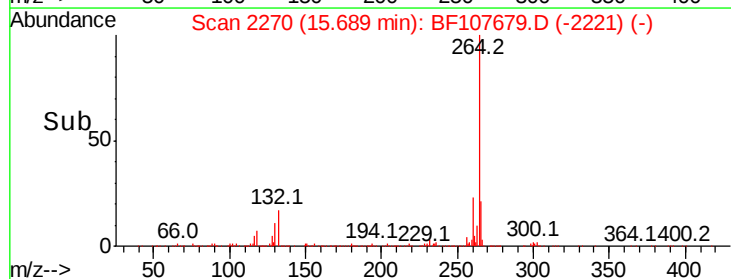
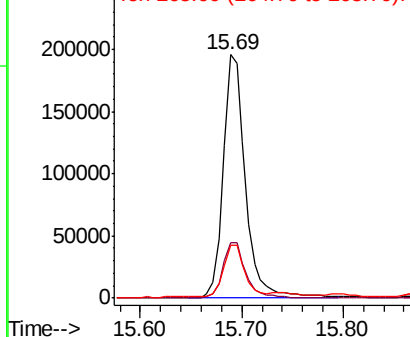
Lab File: BF107679.D

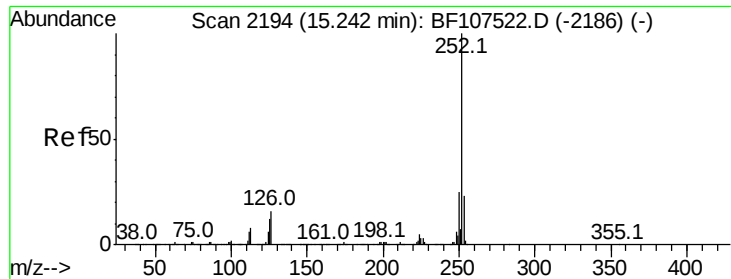
Acq: 26 Jul 2018 2:20

Tgt Ion:	264	Resp:	297361
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	21.5	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 13.304 ng m

RT: 15.24 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BF107679.D

Acq: 26 Jul 2018 2:20

Instrument :

BNA_F

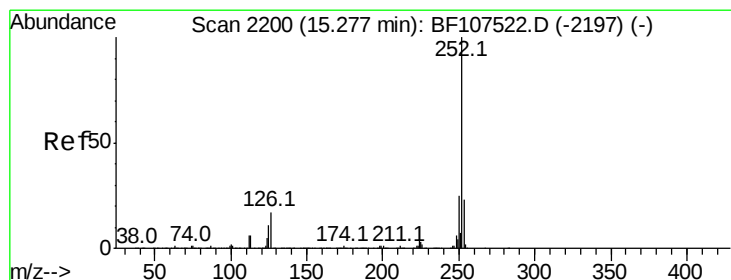
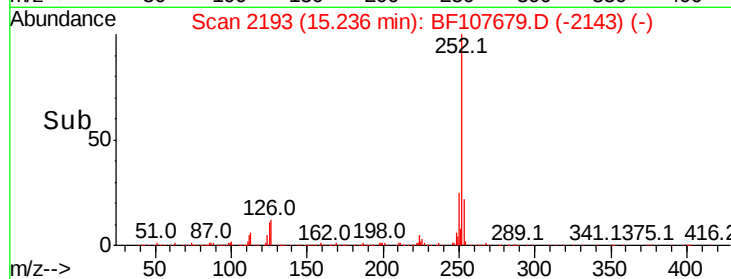
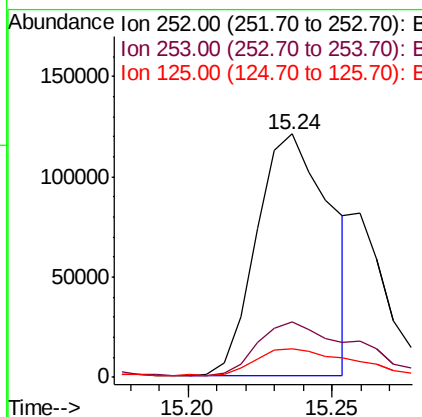
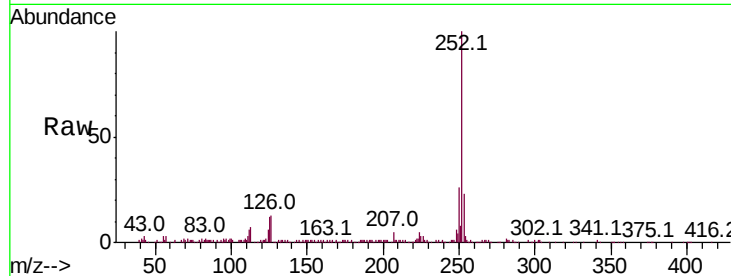
ClientSampleId :

2018-NYSEG-CLARK-AREA-11DL

Tot Ion:	252	Resp:	216515
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	11.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 4.355 ng m

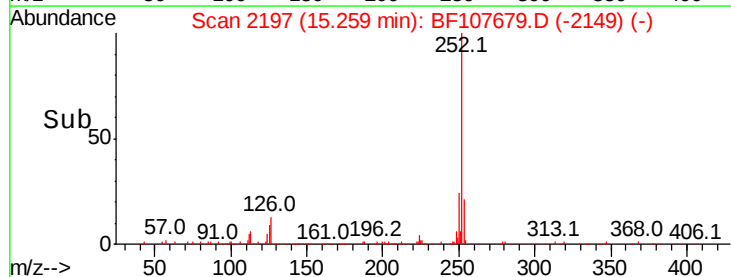
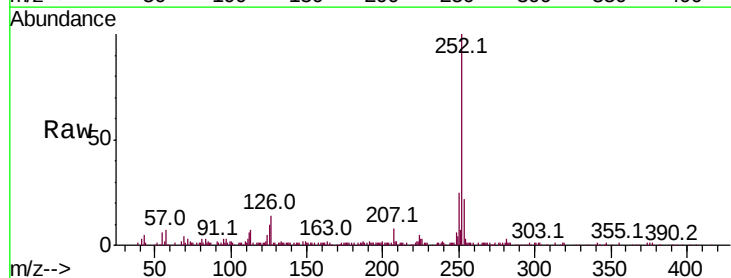
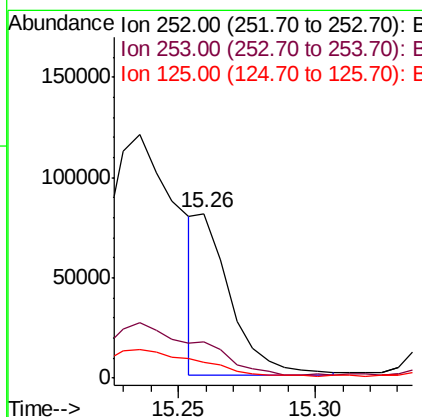
RT: 15.26 min Scan# 2197

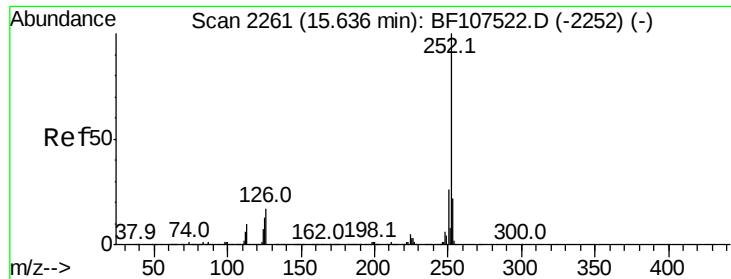
Delta R.T. -0.02 min

Lab File: BF107679.D

Acq: 26 Jul 2018 2:20

Tgt Ion:	252	Resp:	69431
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	10.0	10.2	15.2#





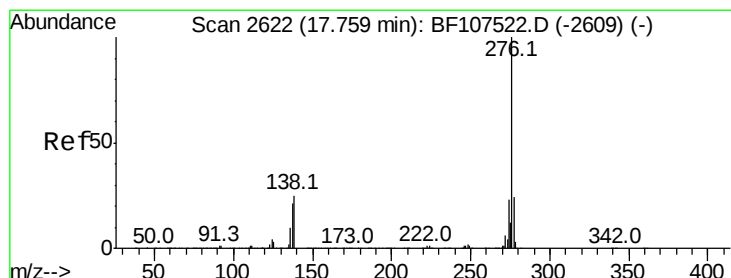
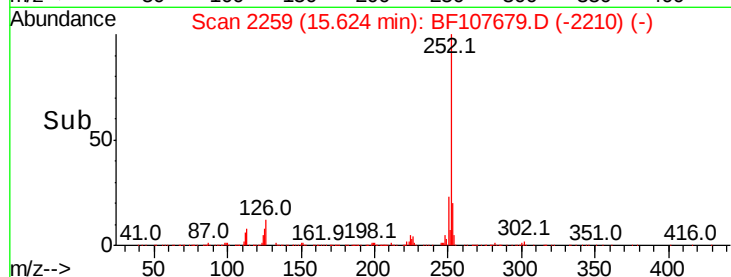
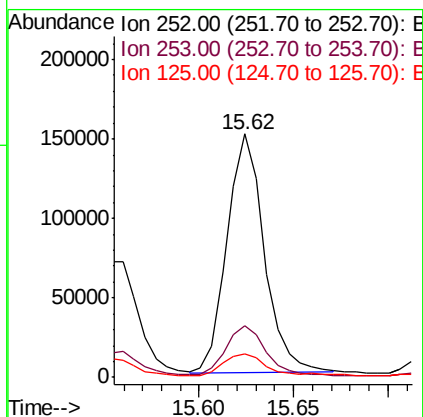
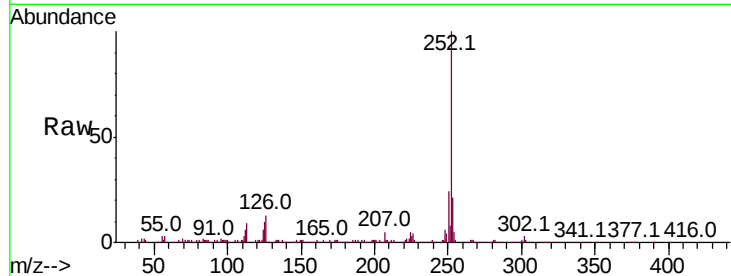
#89
Benzo(a)pyrene
Concen: 13.879 ng m
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	9.7	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 6.136 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107679.D
Acq: 26 Jul 2018 2:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.6	21.8	32.8

