

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107681.D
 Acq On : 26 Jul 2018 3:14
 Operator : JU/SJ
 Sample : J4126-09DL 20X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9DL

Manual Integrations
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Quant Time: Jul 26 11:59:12 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	149093	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	614071	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	240494	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	419563	20.00	ng	0.00
75) Chrysene-d12	14.15	240	341068	20.00	ng	-0.01
86) Perylene-d12	15.69	264	284256	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	36715m	3.96	ng	0.00
7) Phenol-d6	6.62	99	31741	2.85	ng	0.01
23) Nitrobenzene-d5	7.54	82	21481	2.36	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	10759	3.93	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.08	244	46040	3.46	ng	-0.02
Target Compounds						
31) Naphthalene	8.27	128	159610	5.911	ng	99
37) 2-Methylnaphthalene	8.97	142	51962	2.777	ng	100
45) 1,1'-Biphenyl	9.42	154	60232	2.875	ng	98
48) Acenaphthylene	9.87	152	71545	2.974	ng	97
51) Acenaphthene	10.04	154	198455	13.167	ng	99
57) Fluorene	10.56	166	146814	9.274	ng	96
70) Phenanthrene	11.53	178	875874	42.840	ng	100
71) Anthracene	11.58	178	354252	17.209	ng	99
74) Fluoranthene	12.72	202	526094	23.979	ng	96
77) Pyrene	12.95	202	678165	29.069	ng	98
80) Benzo(a)anthracene	14.15	228	256503m	12.833	ng	
82) Chrysene	14.18	228	185591	9.666	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	51684	3.176	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	146510m	9.418	ng	
88) Benzo(k)fluoranthene	15.26	252	44857m	2.943	ng	
89) Benzo(a)pyrene	15.62	252	153620	10.795	ng	98
91) Benzo(g,h,i)perylene	17.74	276	54560m	4.497	ng	

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

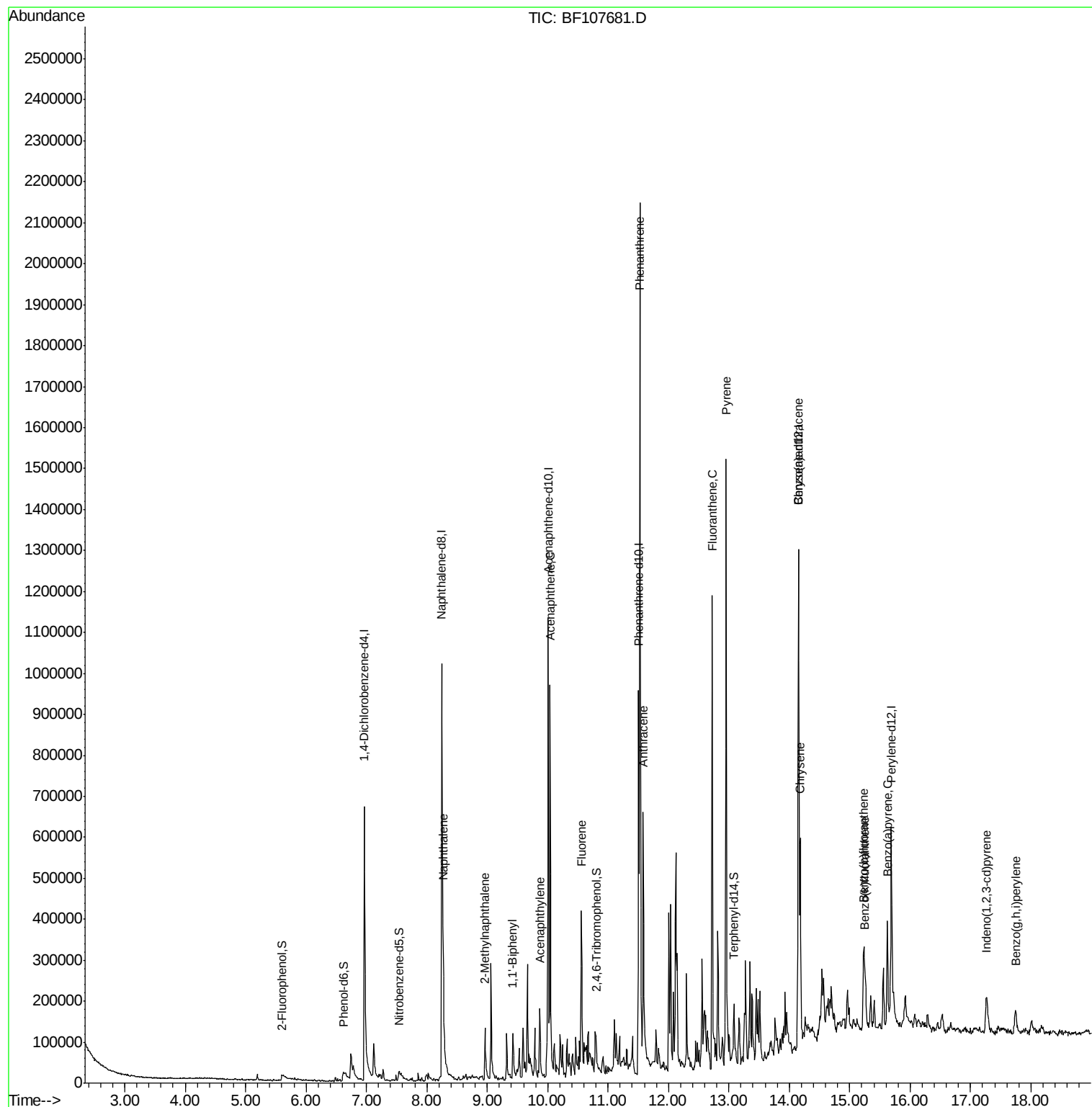
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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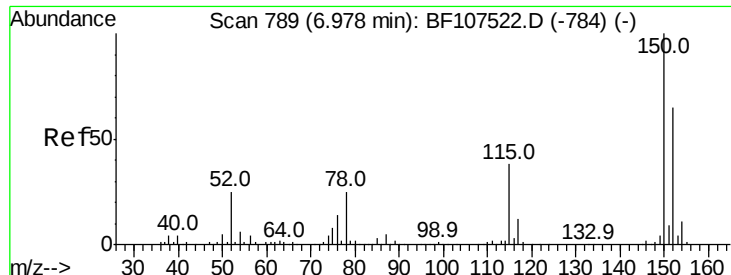
Instrument :
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2018-NYSEG-CLARK-AREA-9DL

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Quant Time: Jul 26 11:59:12 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

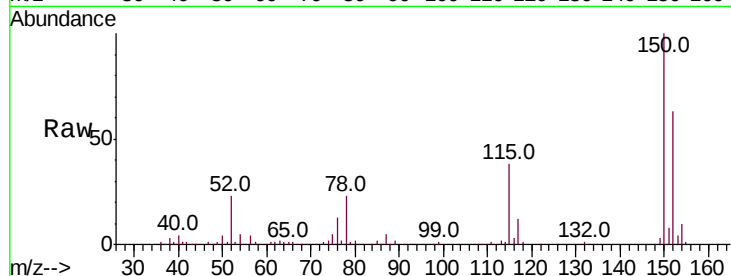
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	59.6	50.1	75.1

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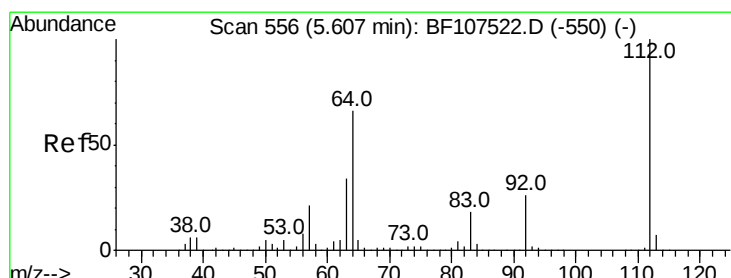
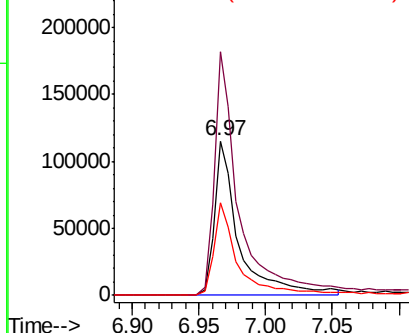
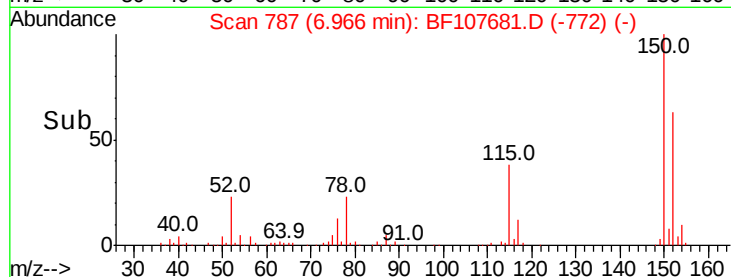


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

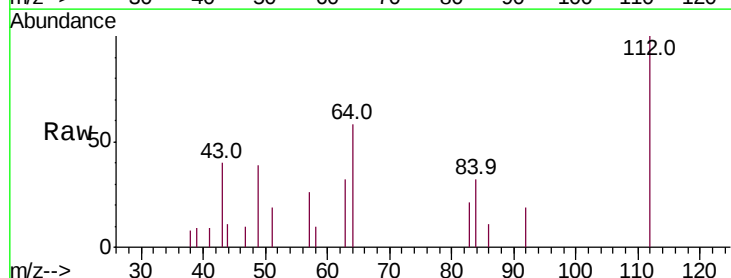
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 3.959 ng m
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	32.0	23.7	35.5

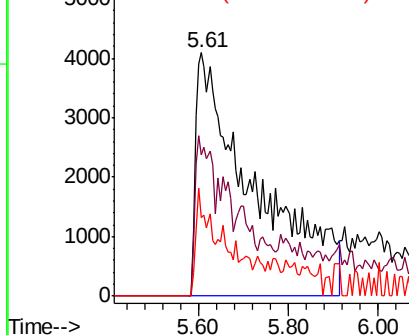
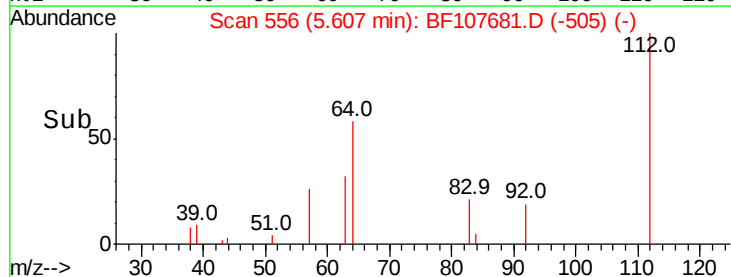


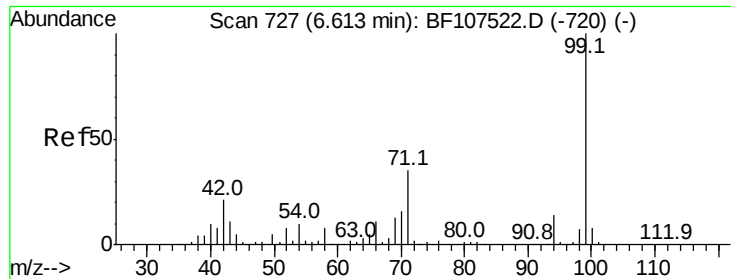
Abundance

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: 2.851 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107681.D

Acq: 26 Jul 2018 3:14

Instrument :

BNA_F

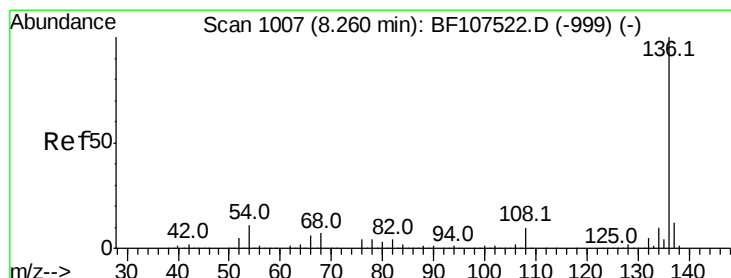
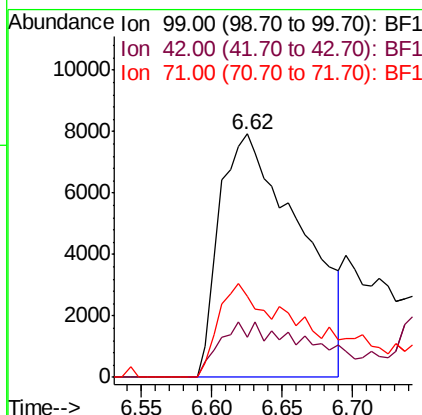
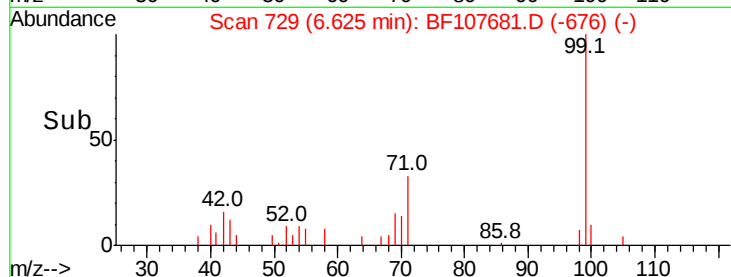
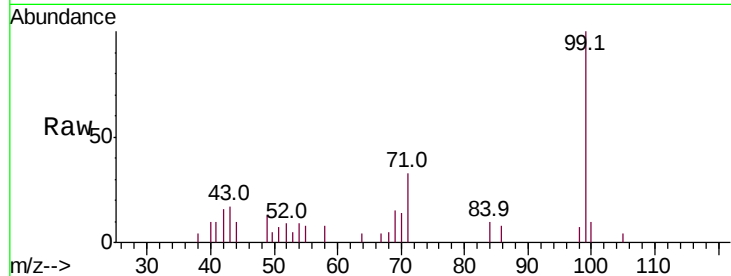
ClientSampleId :

2018-NYSEG-CLARK-AREA-9DL

Tot Ion:	99	Resp:	31741
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.5	21.7
71	33.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

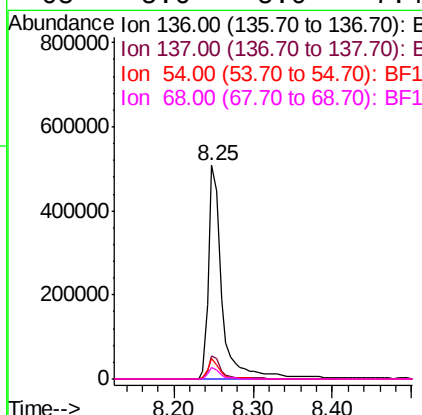
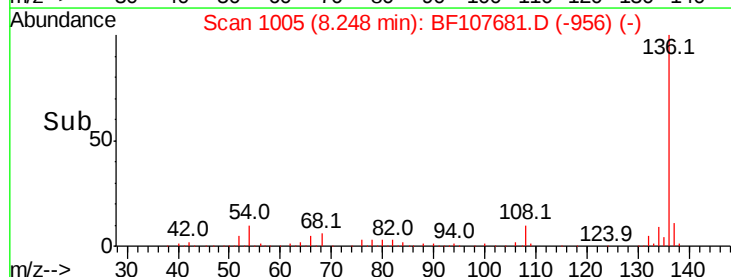
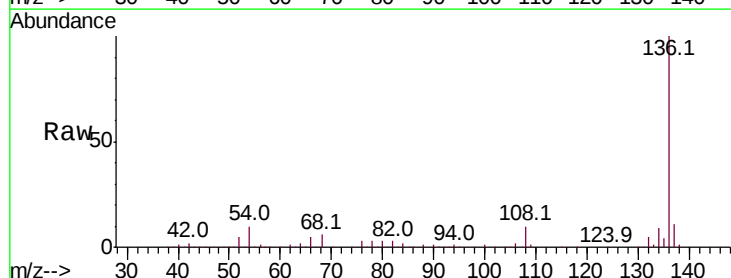
RT: 8.25 min Scan# 1005

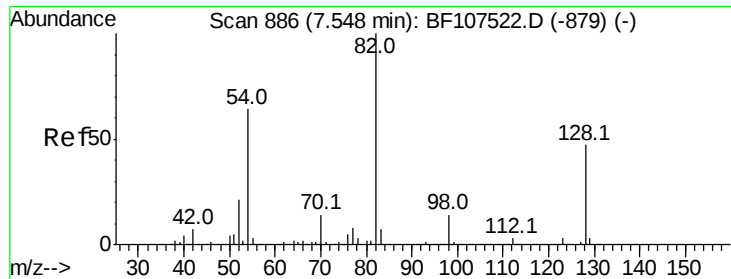
Delta R.T. -0.01 min

Lab File: BF107681.D

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Tgt Ion:	136	Resp:	614071
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.6	6.6	9.8
68	5.6	5.0	7.4





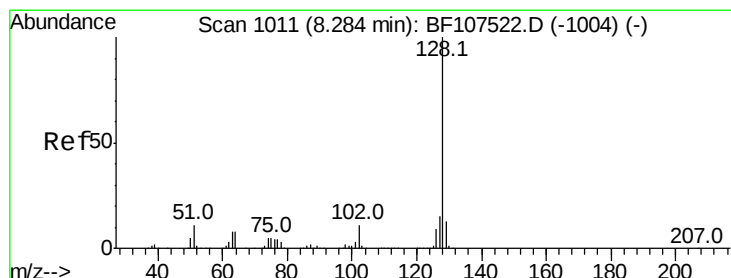
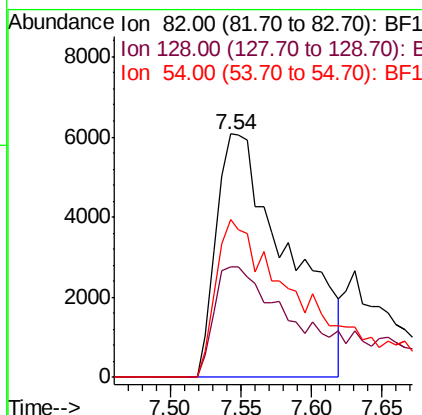
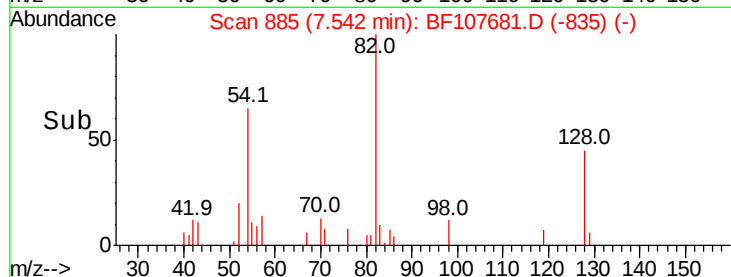
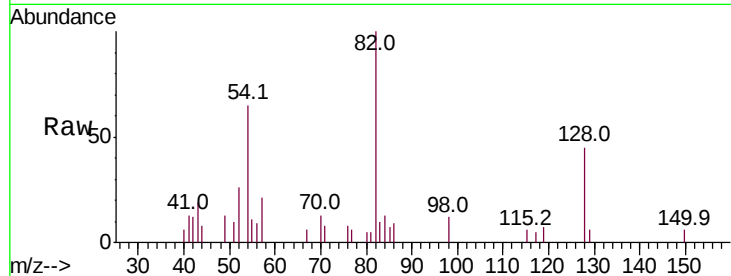
#23
Nitrobenzene-d5
Concen: 2.361 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	64.9	41.4	62.2

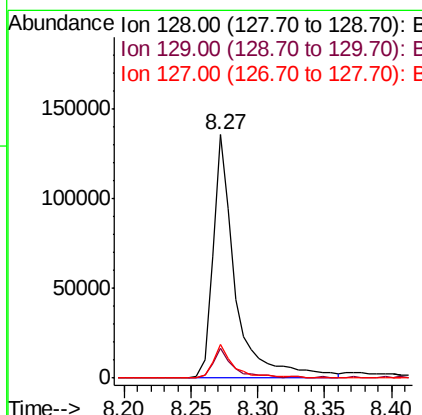
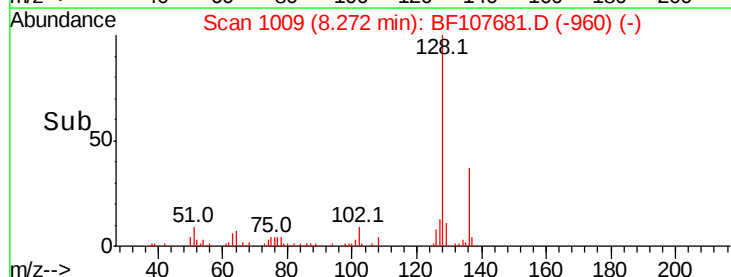
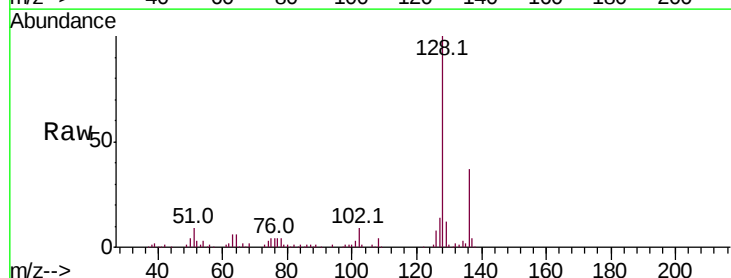
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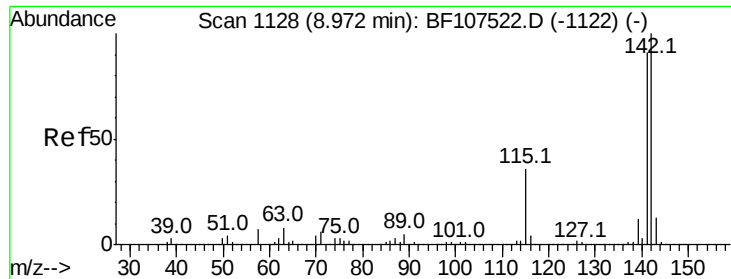
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#31
Naphthalene
Concen: 5.911 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	13.6	10.9	16.3





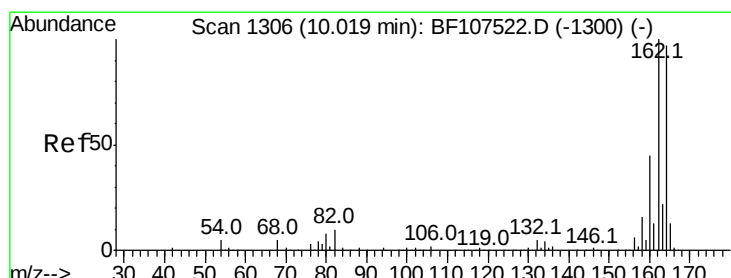
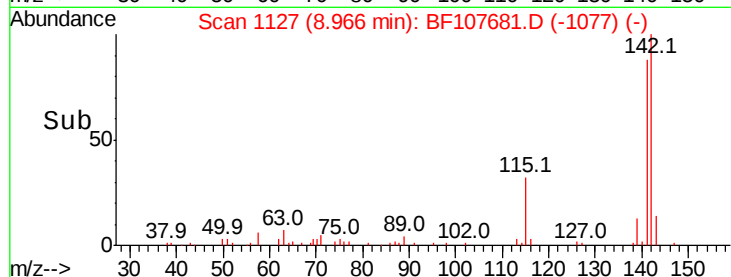
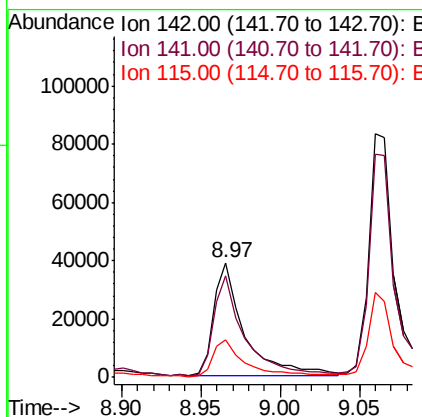
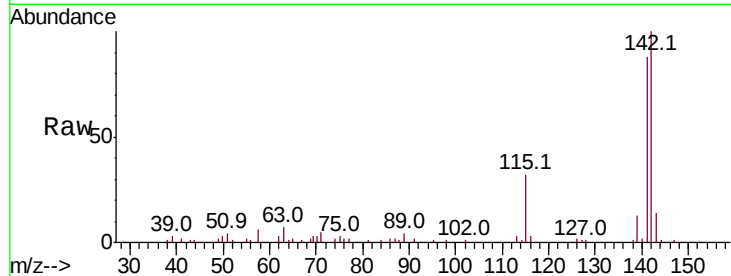
#37
2-Methylnaphthalene
Concen: 2.777 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	32.4	26.1	39.1

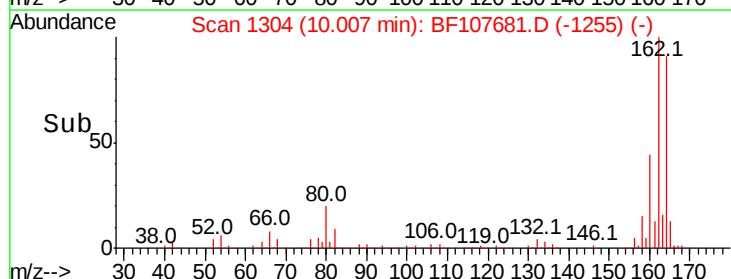
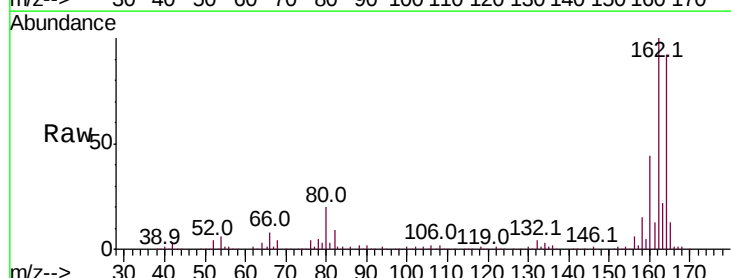
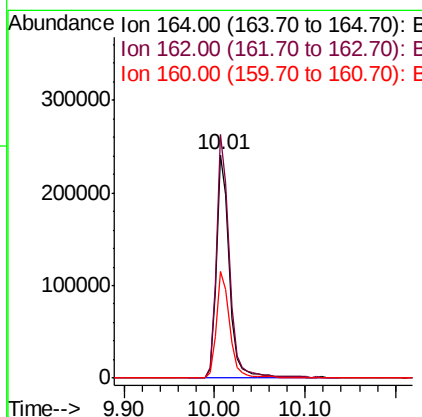
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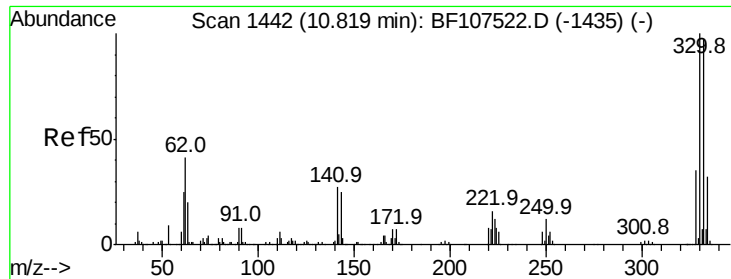
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.0	86.1	129.1
160	47.7	38.3	57.5





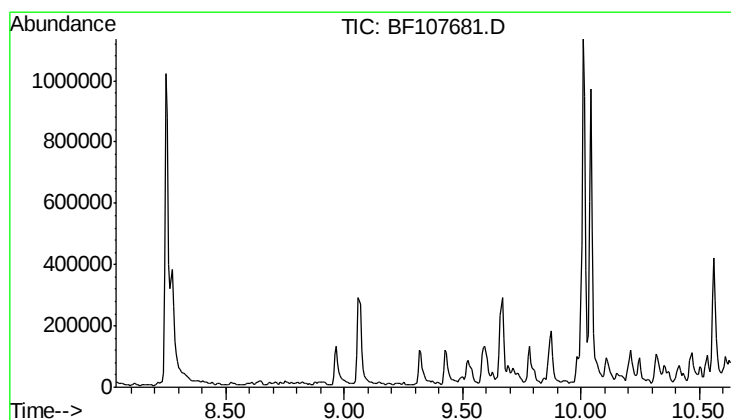
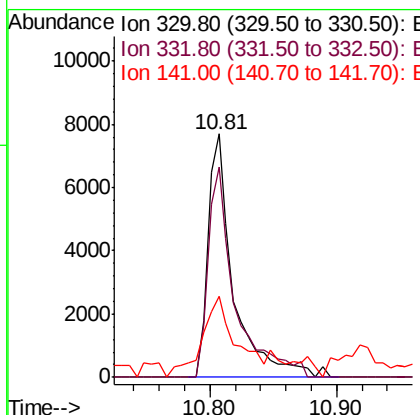
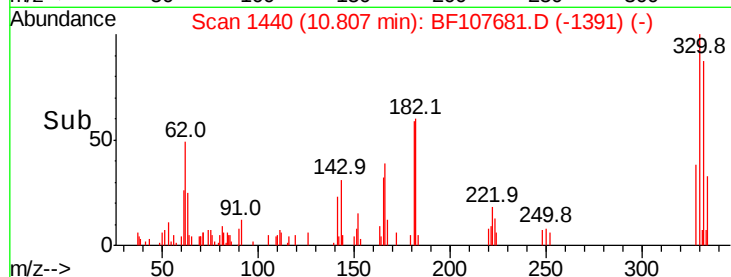
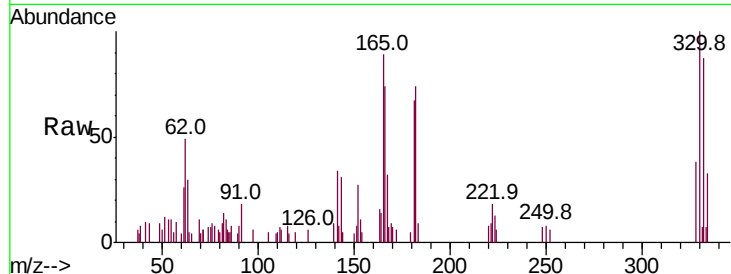
#41
 2,4,6-Tribromophenol
 Concen: 3.934 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107681.D
 Acq: 26 Jul 2018 3:14

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	91.7	77.0	115.6	
141	44.9	29.9	44.9	

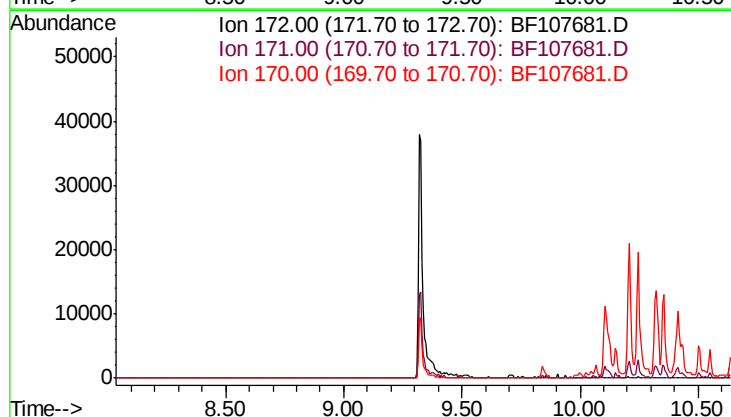
Manual Integrations
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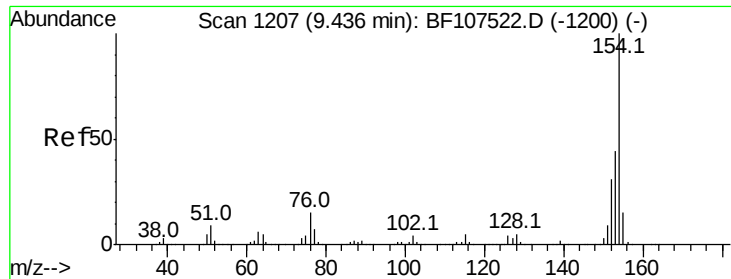
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#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.34 min
 Lab File: BF107681.D
 Acq: 26 Jul 2018 3:14

Tgt Ion	Exp Ratio
172	100
171	37.1
170	24.5





#45

1,1'-Biphenyl

Concen: 2.875 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF107681.D

Acq: 26 Jul 2018 3:14

Instrument :

BNA_F

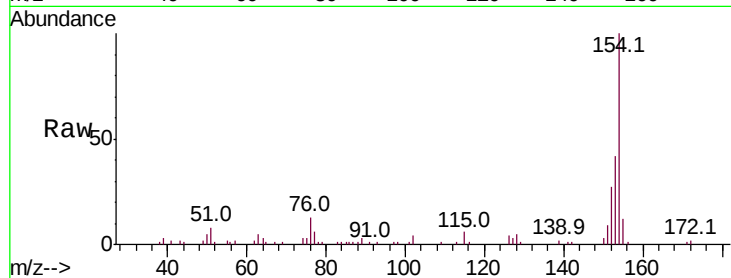
ClientSampleId :

2018-NYSEG-CLARK-AREA-9DL

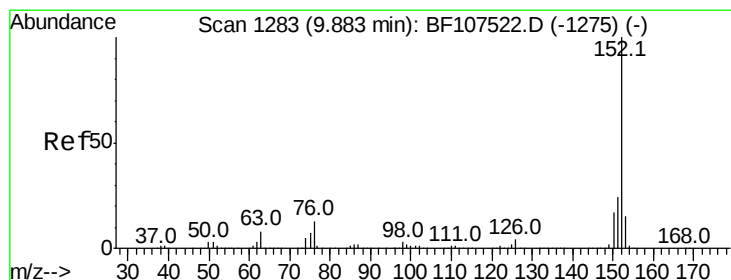
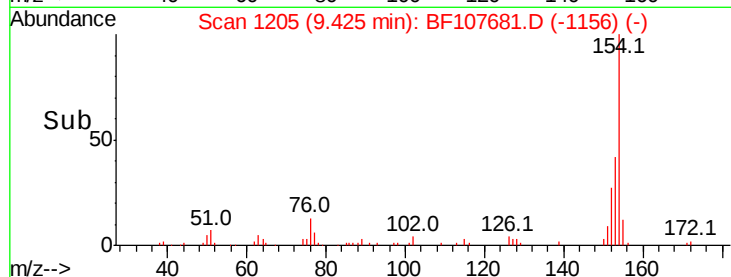
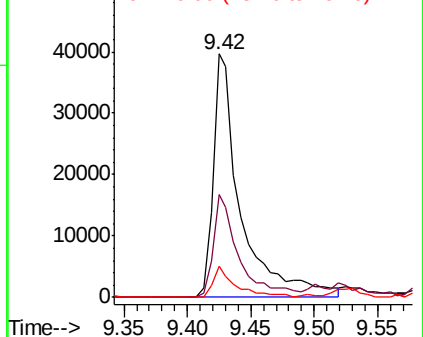
Tot Ion:	154	Resp:	60232
Ion Ratio	Lower	Upper	
154	100		
153	42.1	21.3	61.3
76	12.8	0.0	34.0

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#48

Acenaphthylene

Concen: 2.974 ng

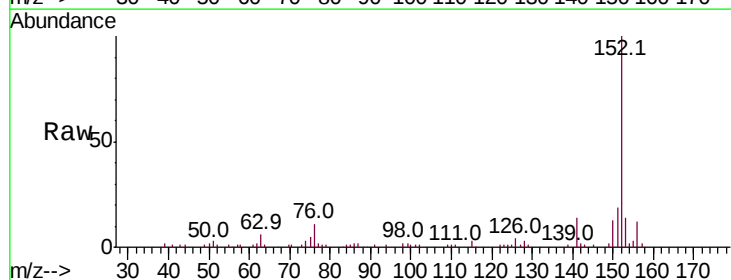
RT: 9.87 min Scan# 1281

Delta R.T. -0.01 min

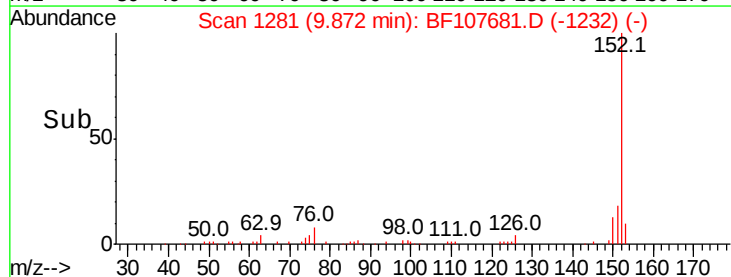
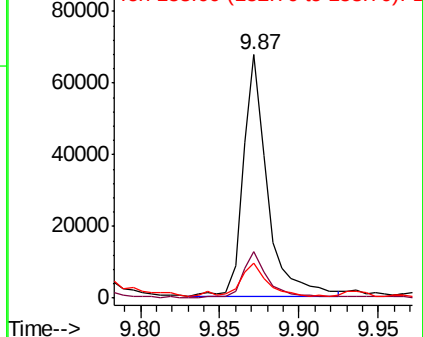
Lab File: BF107681.D

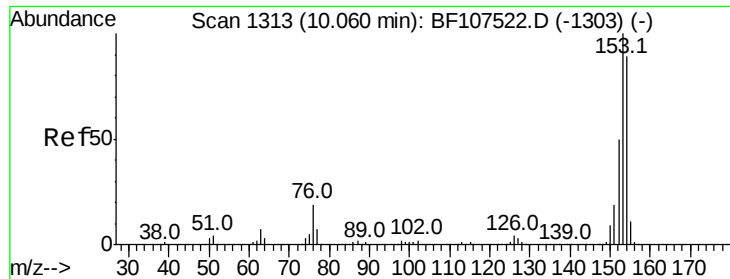
Acq: 26 Jul 2018 3:14

Tgt Ion:	152	Resp:	71545
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.3	24.5
153	14.3	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





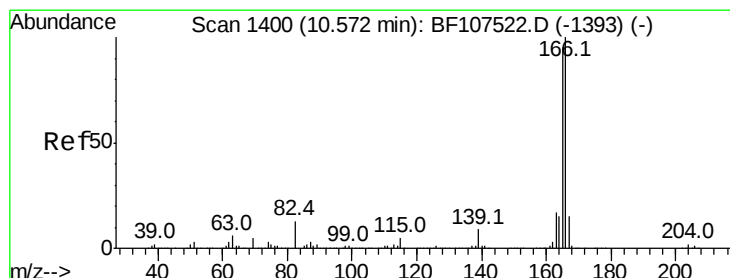
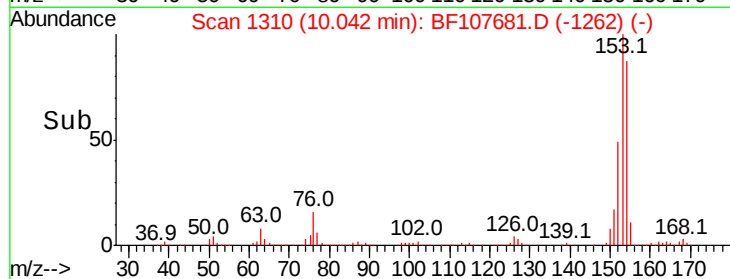
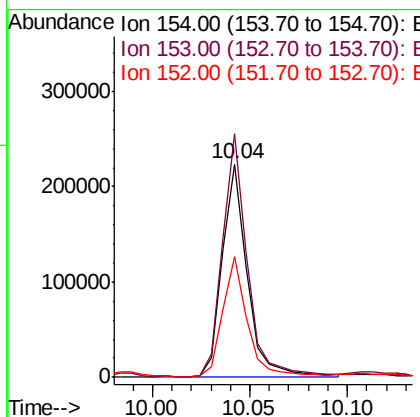
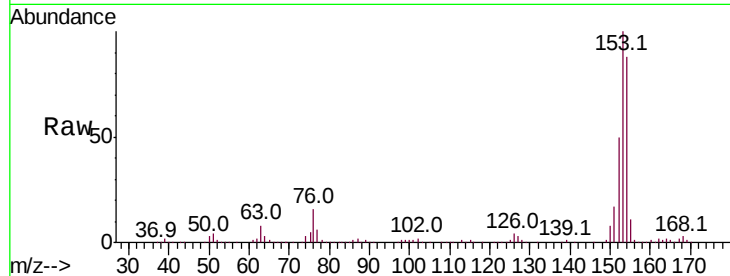
#51
Acenaphthene
Concen: 13.167 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	56.6	43.8	65.8

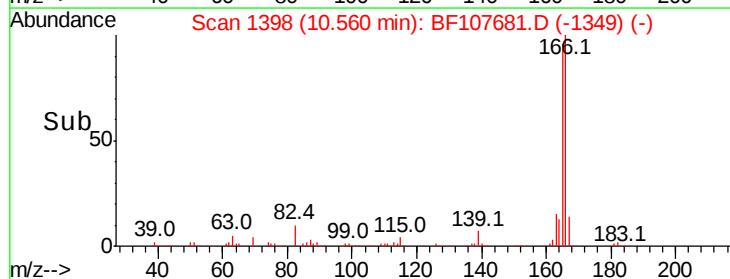
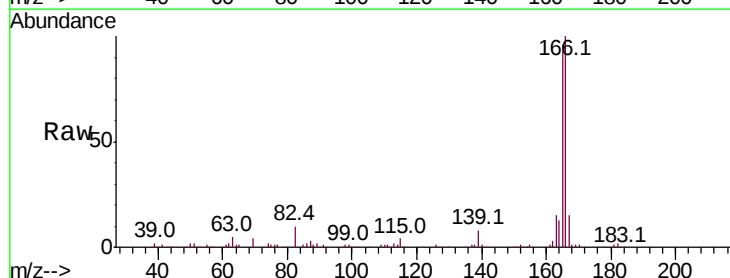
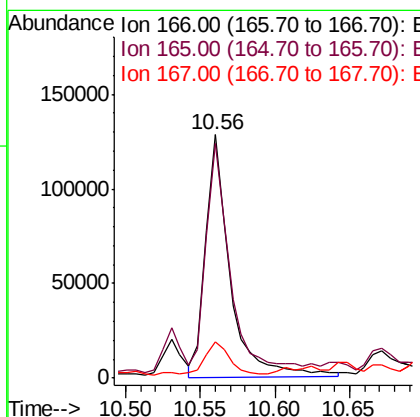
Manual Integrations
APPROVED

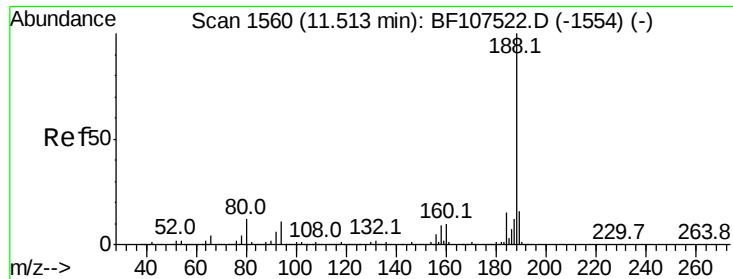
Sohil
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#57
Fluorene
Concen: 9.274 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.8	119.8
167	14.9	10.6	16.0





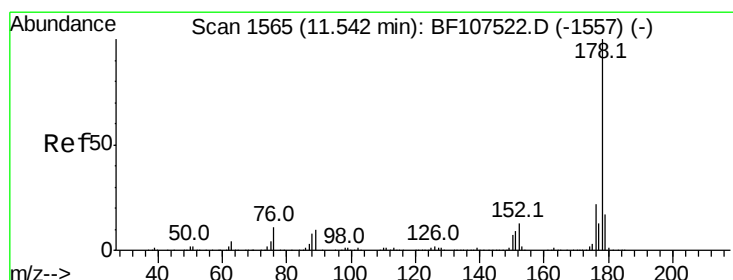
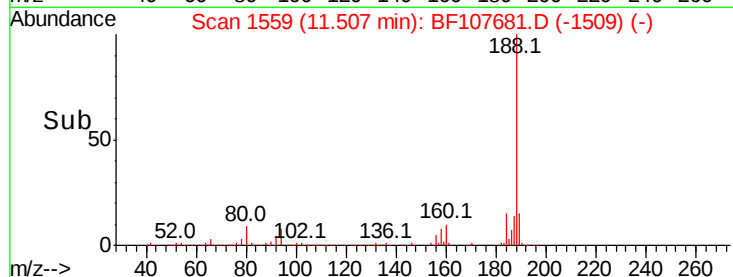
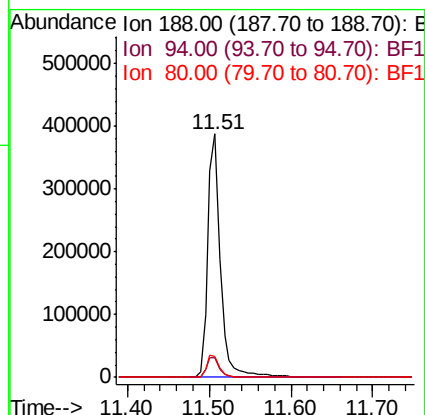
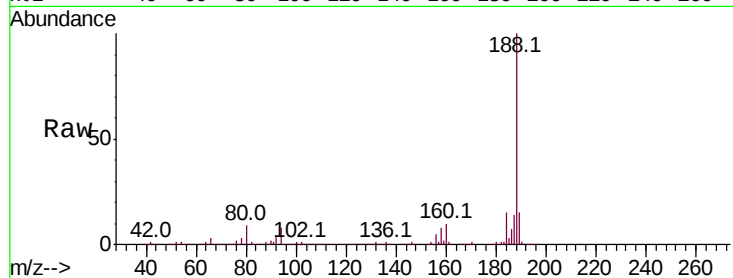
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1	8.5	12.7#	
80	8.8	9.2	13.8#	

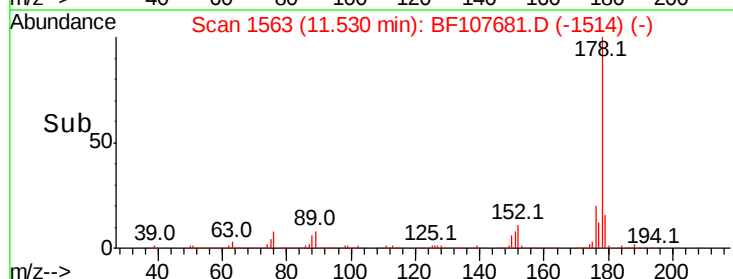
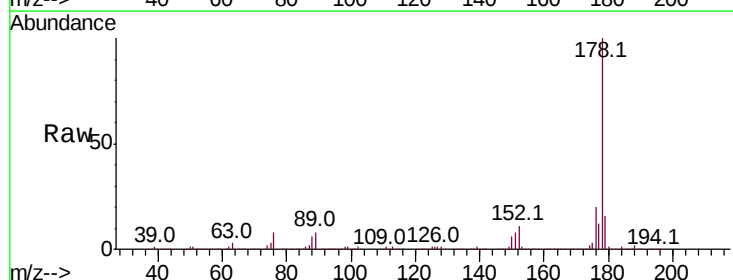
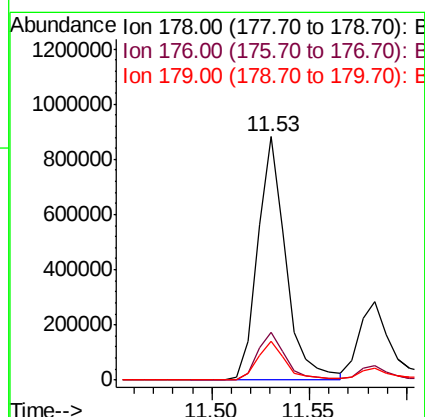
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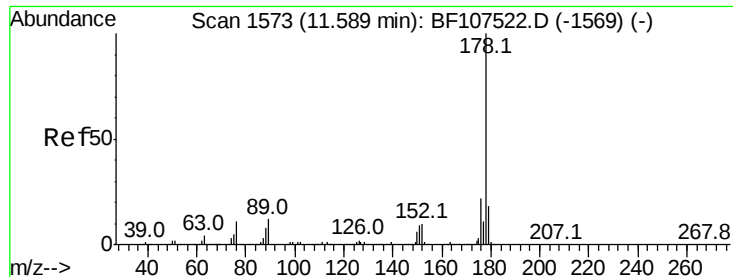
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#70
Phenanthrene
Concen: 42.840 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.8	15.8	23.8	
179	16.0	13.0	19.6	





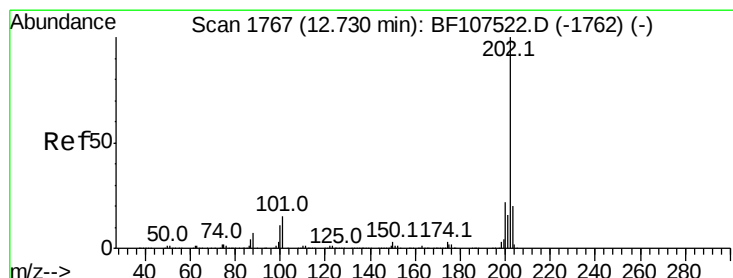
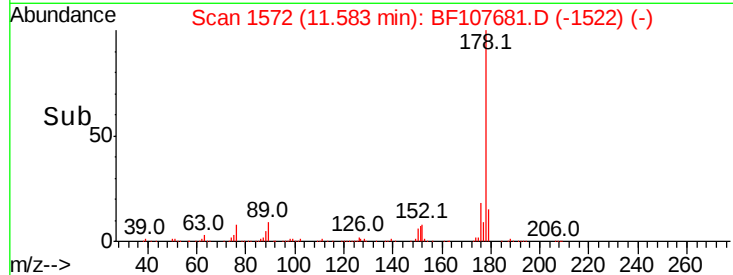
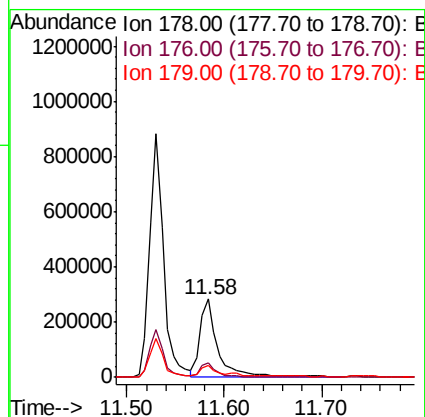
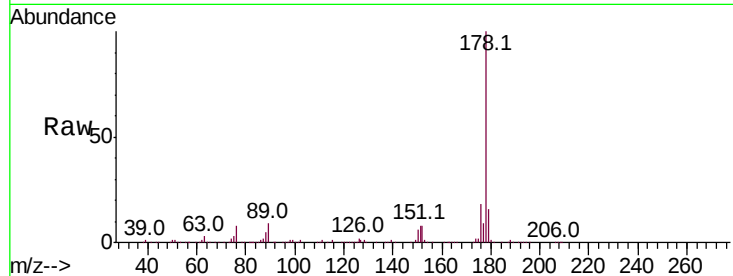
#71
 Anthracene
 Concen: 17.209 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107681.D
 Acq: 26 Jul 2018 3:14

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9DL

Tot Ion:	178	Resp:	354252
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.4	23.2
179	15.9	12.6	19.0

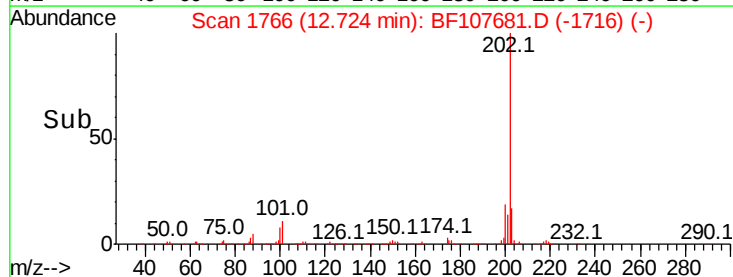
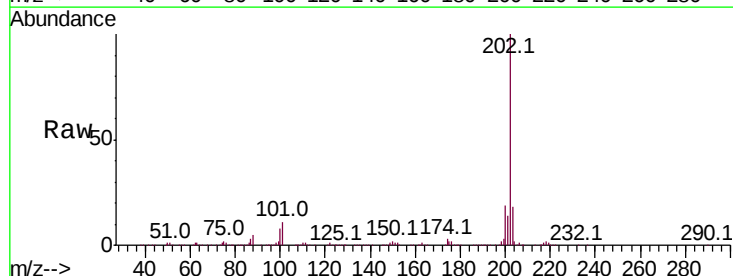
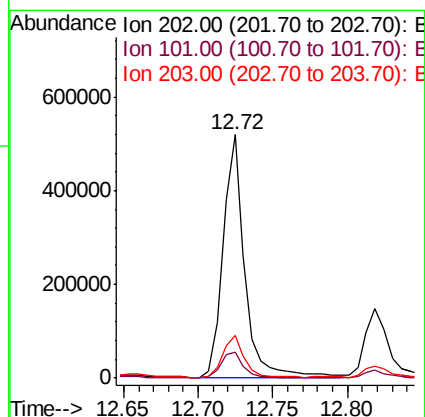
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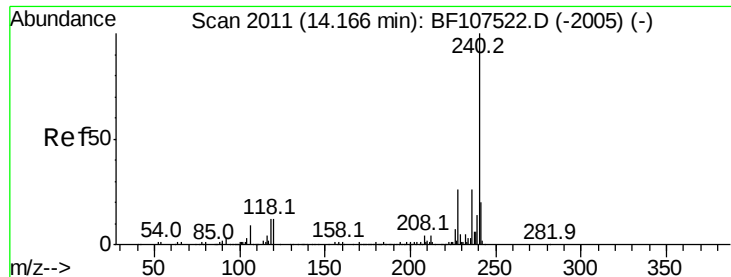
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#74
 Fluoranthene
 Concen: 23.979 ng
 RT: 12.72 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF107681.D
 Acq: 26 Jul 2018 3:14

Tgt Ion:	202	Resp:	526094
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107681.D

Acq: 26 Jul 2018 3:14

Instrument :

BNA_F

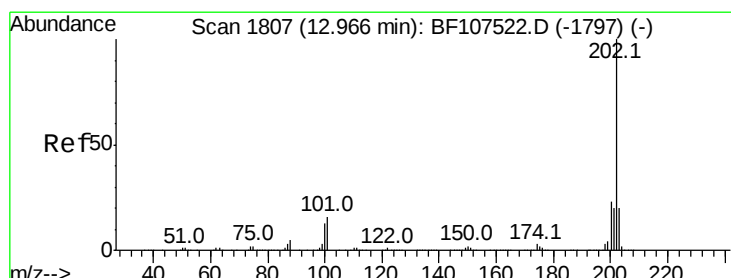
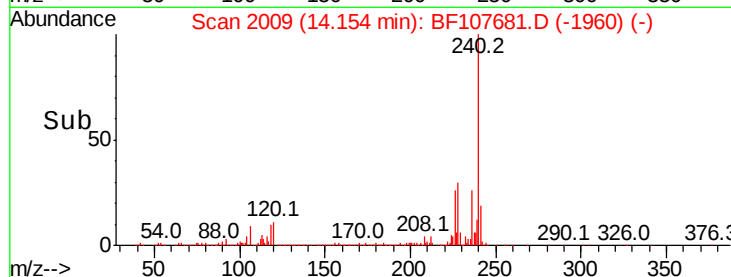
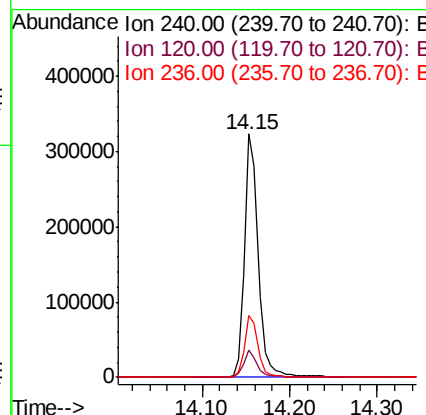
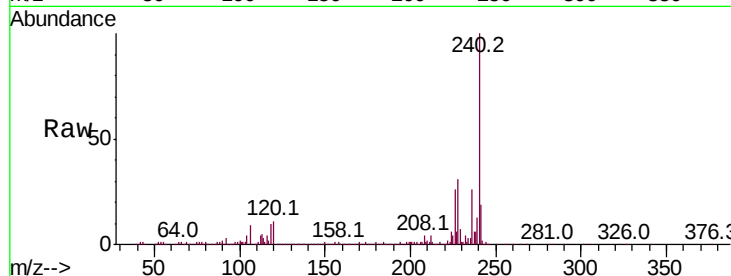
ClientSampleId :

2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.5	20.7	31.1

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#77

Pyrene

Concen: 29.069 ng

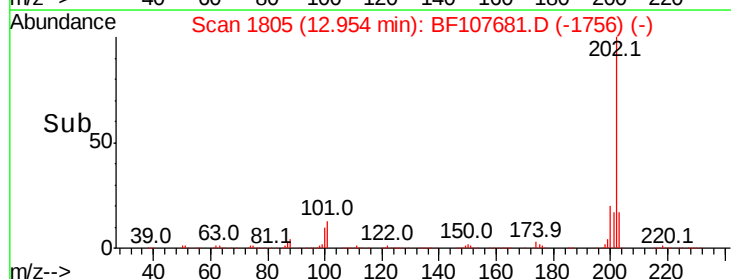
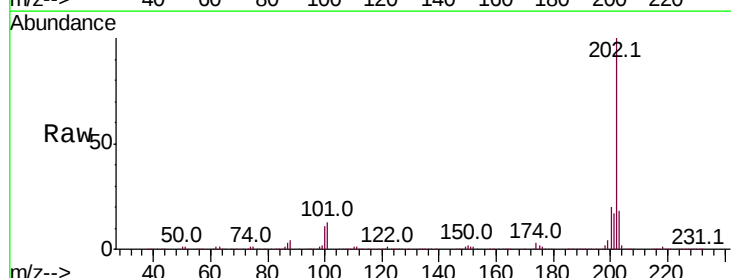
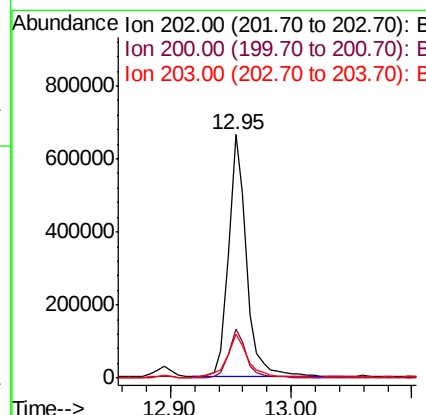
RT: 12.95 min Scan# 1805

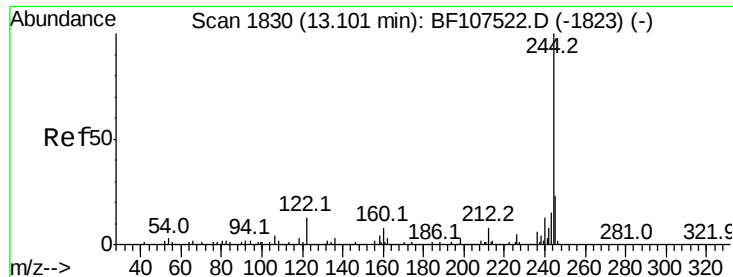
Delta R.T. -0.01 min

Lab File: BF107681.D

Acq: 26 Jul 2018 3:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	18.1	14.3	21.5





#78

Terphenyl-d14

Concen: 3.456 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107681.D

Acq: 26 Jul 2018 3:14

Instrument :

BNA_F

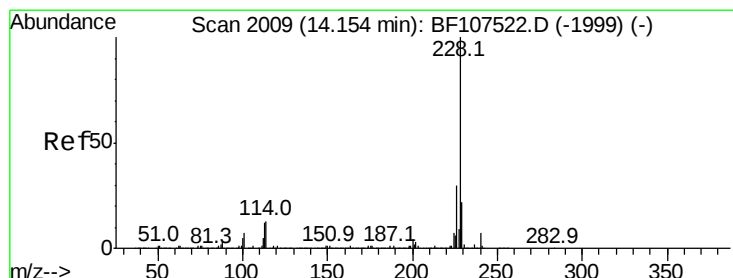
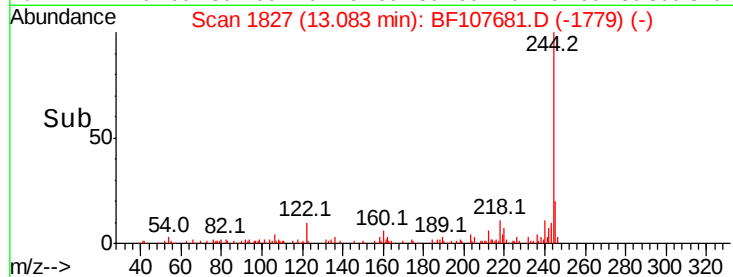
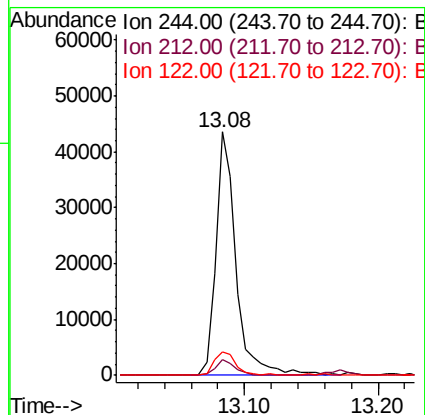
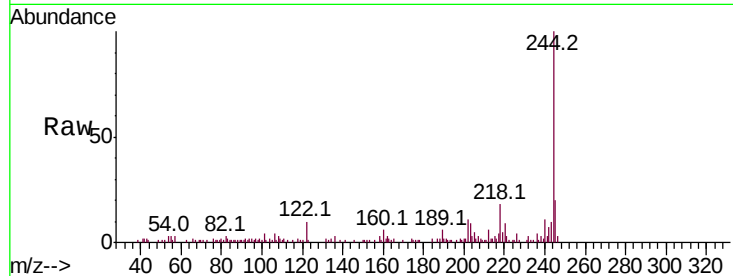
ClientSampleId :

2018-NYSEG-CLARK-AREA-9DL

Tot Ion:	244	Resp:	46040
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	9.8	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 12.833 ng m

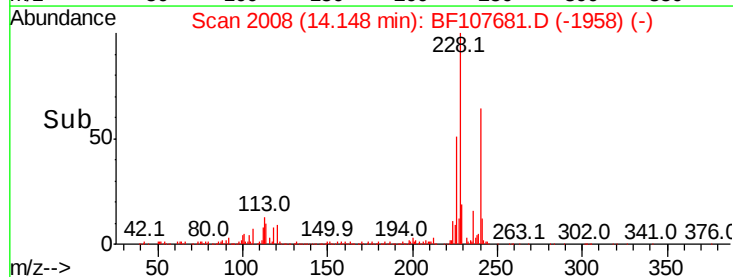
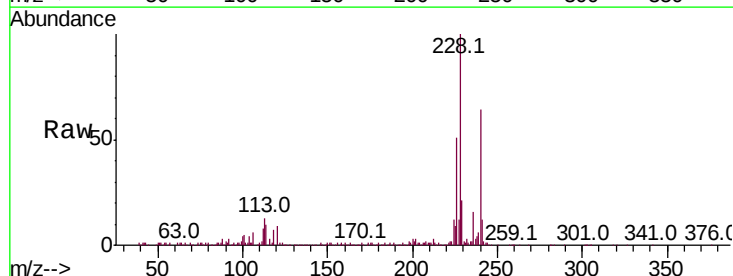
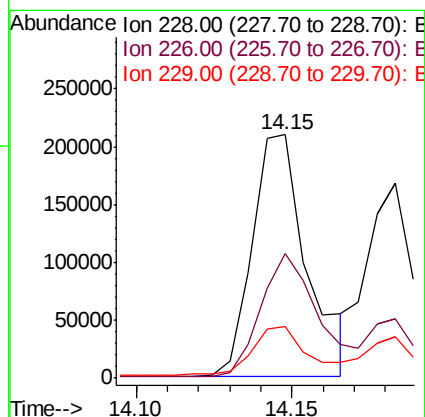
RT: 14.15 min Scan# 2008

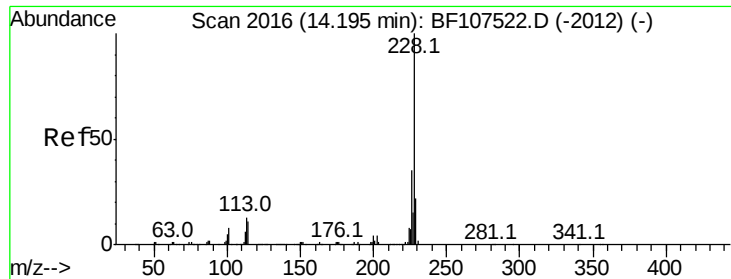
Delta R.T. -0.01 min

Lab File: BF107681.D

Acq: 26 Jul 2018 3:14

Tgt Ion:	228	Resp:	256503
Ion Ratio	Lower	Upper	
228	100		
226	51.3	22.6	33.8
229	21.1	15.8	23.6





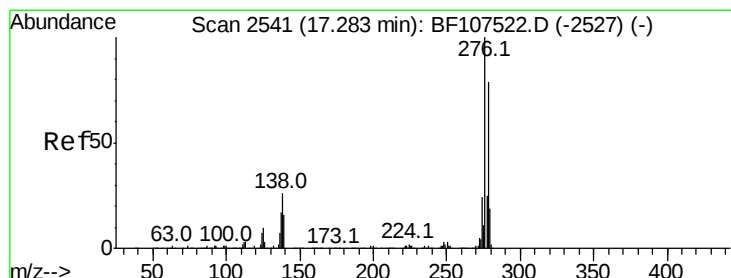
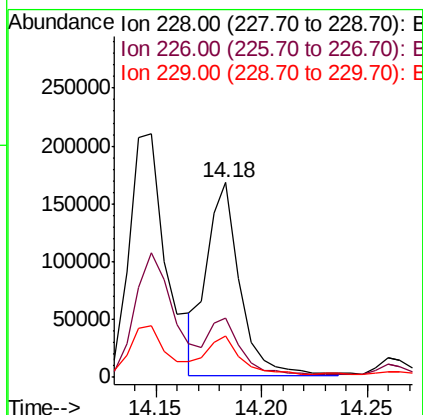
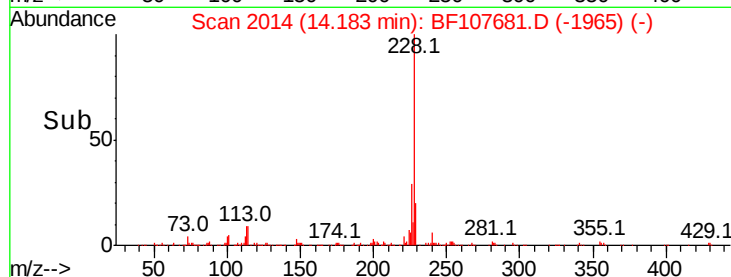
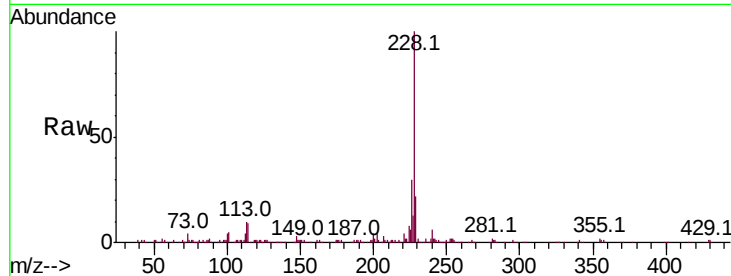
#82
Chrysene
Concen: 9.666 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.6	16.2	24.4

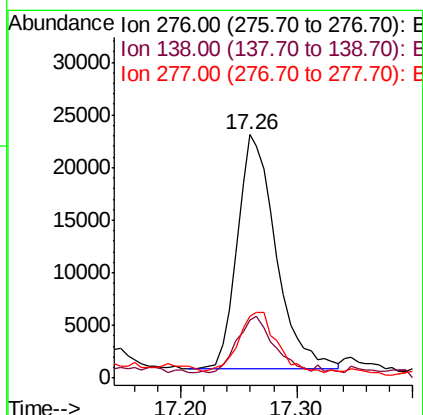
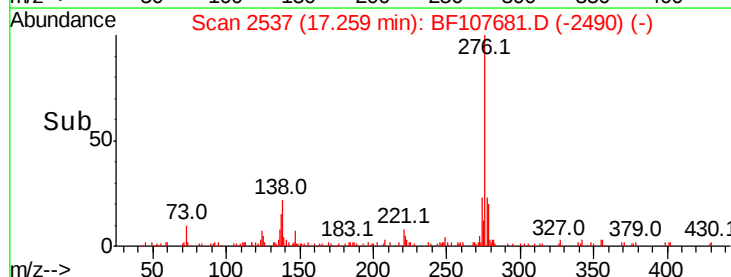
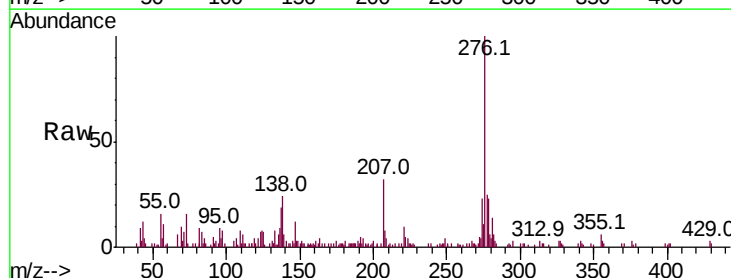
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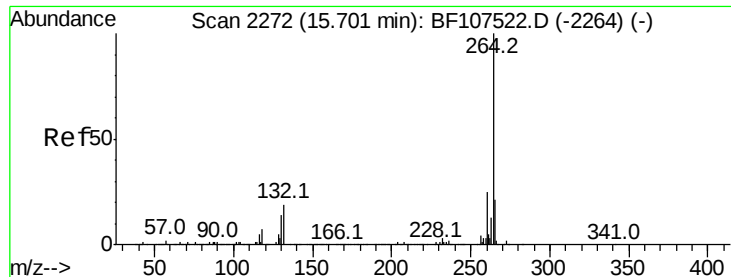
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.176 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	25.3	20.1	30.1





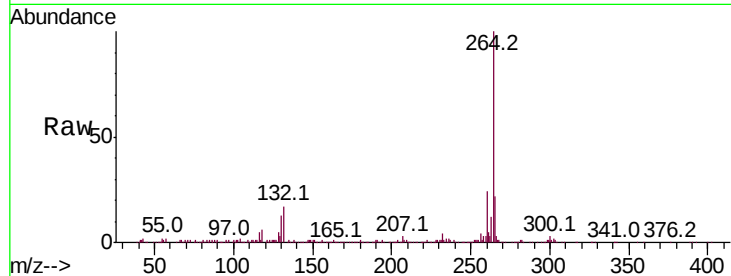
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9DL

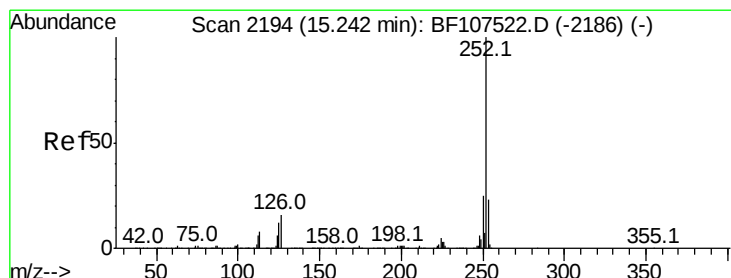
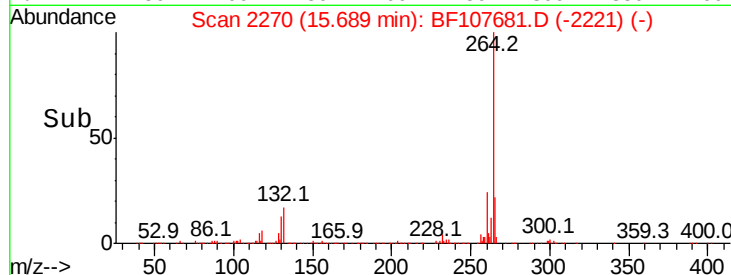
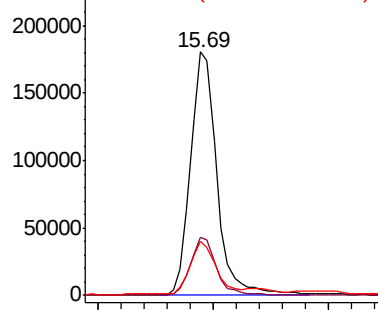
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3

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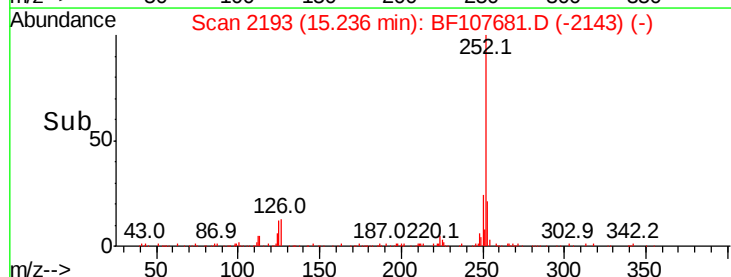
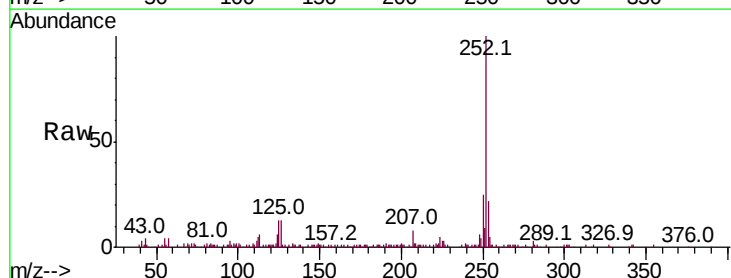
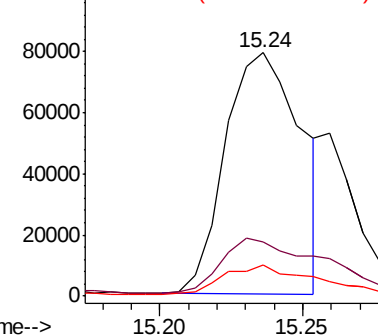
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

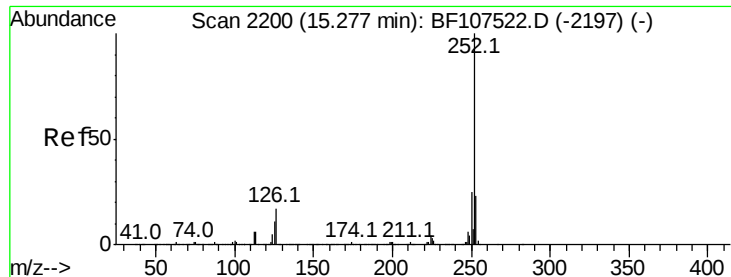


#87
Benzo(b)fluoranthene
Concen: 9.418 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107681.D
Acq: 26 Jul 2018 3:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.0	9.0	13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.943 ng m

RT: 15.26 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF107681.D

Acq: 26 Jul 2018 3:14

Instrument :

BNA_F

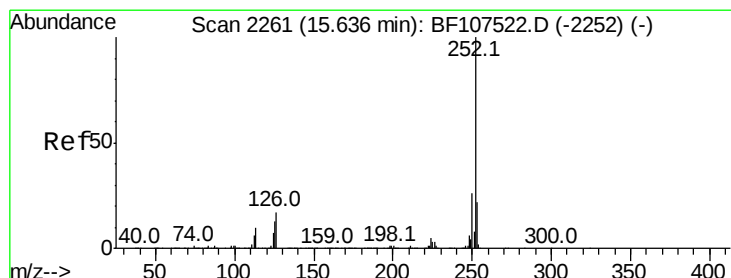
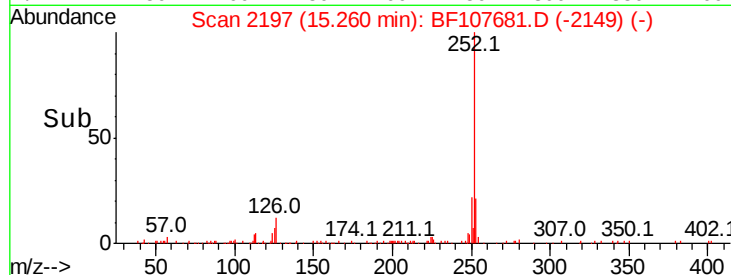
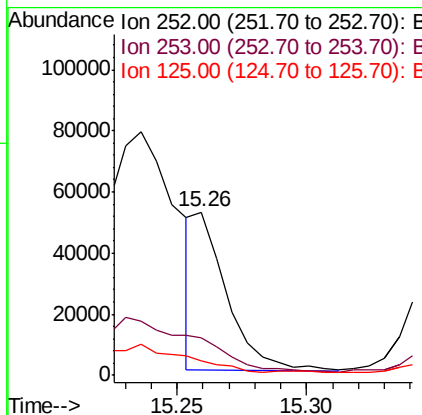
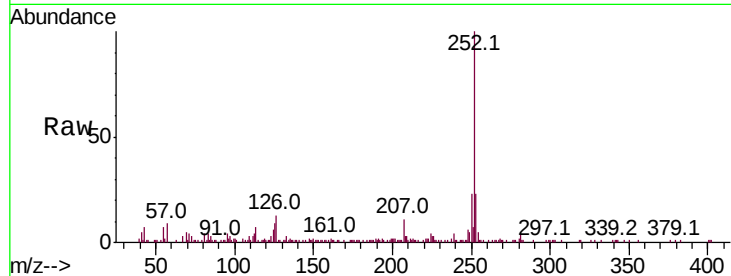
ClientSampleId :

2018-NYSEG-CLARK-AREA-9DL

Tot Ion:	252	Resp:	44857
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	9.1	10.2	15.2#

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#89

Benzo(a)pyrene

Concen: 10.795 ng

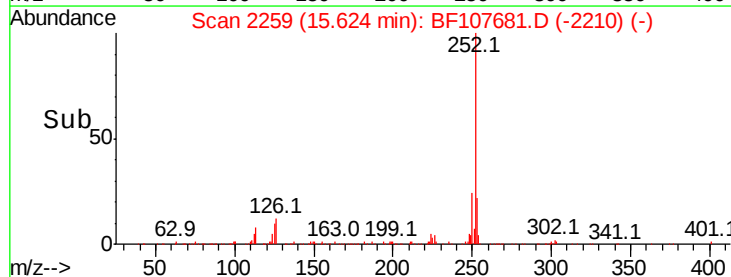
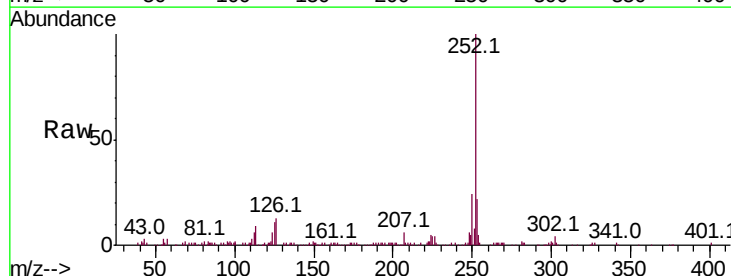
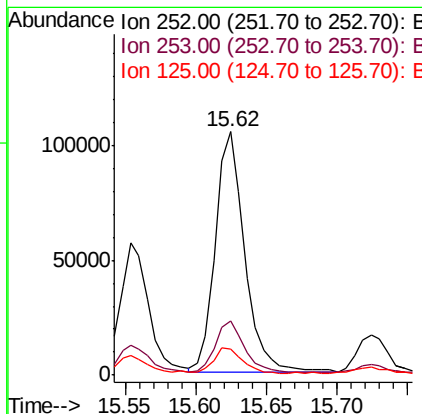
RT: 15.62 min Scan# 2259

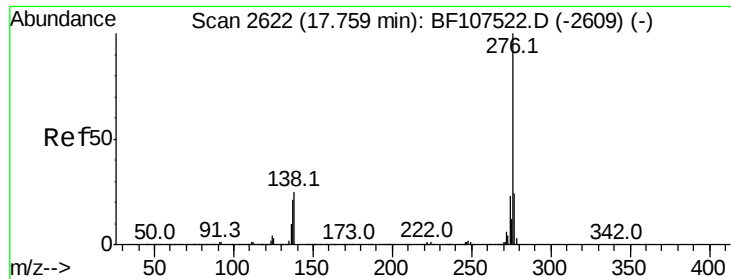
Delta R.T. -0.01 min

Lab File: BF107681.D

Acq: 26 Jul 2018 3:14

Tgt Ion:	252	Resp:	153620
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	10.7	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.497 ng m
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF107681.D
 Acq: 26 Jul 2018 3:14

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.4	17.9	26.9#
138	22.7	21.8	32.8

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