

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107680.D
 Acq On : 26 Jul 2018 2:47
 Operator : JU/SJ
 Sample : J4126-07DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10DL

Manual Integrations
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 7/26/2018 2:02:29 PM

Quant Time: Jul 26 04:31:16 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	172929	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	717212	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	275589	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	479634	20.00	ng	0.00
75) Chrysene-d12	14.16	240	367498	20.00	ng	0.00
86) Perylene-d12	15.69	264	319713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	70379	6.54	ng	-0.01
7) Phenol-d6	6.60	99	112762	8.73	ng	-0.01
23) Nitrobenzene-d5	7.54	82	72323	6.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	26840	8.56	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	129257	2.36	ng	-0.02
78) Terphenyl-d14	13.08	244	96215	6.70	ng	-0.02
Target Compounds						
48) Acenaphthylene	9.87	152	96855	3.514	ng	Qvalue 97
51) Acenaphthene	10.04	154	48581	2.813	ng	98
57) Fluorene	10.56	166	58117	3.204	ng	98
70) Phenanthrene	11.53	178	518197	22.171	ng	98
71) Anthracene	11.58	178	278545	11.836	ng	99
74) Fluoranthene	12.72	202	930035	37.082	ng	96
77) Pyrene	12.96	202	1160181	46.154	ng	97
80) Benzo(a)anthracene	14.15	228	555235m	25.782	ng	
82) Chrysene	14.18	228	405375	19.595	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	133495m	7.614	ng	
87) Benzo(b)fluoranthene	15.24	252	360412m	20.598	ng	
88) Benzo(k)fluoranthene	15.25	252	114588m	6.684	ng	
89) Benzo(a)pyrene	15.62	252	373061	23.308	ng	99
90) Dibenzo(a,h)anthracene	17.28	278	30278m	2.188	ng	
91) Benzo(a,h,i)perylene	17.75	276	148228	10.861	ng	# 92

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

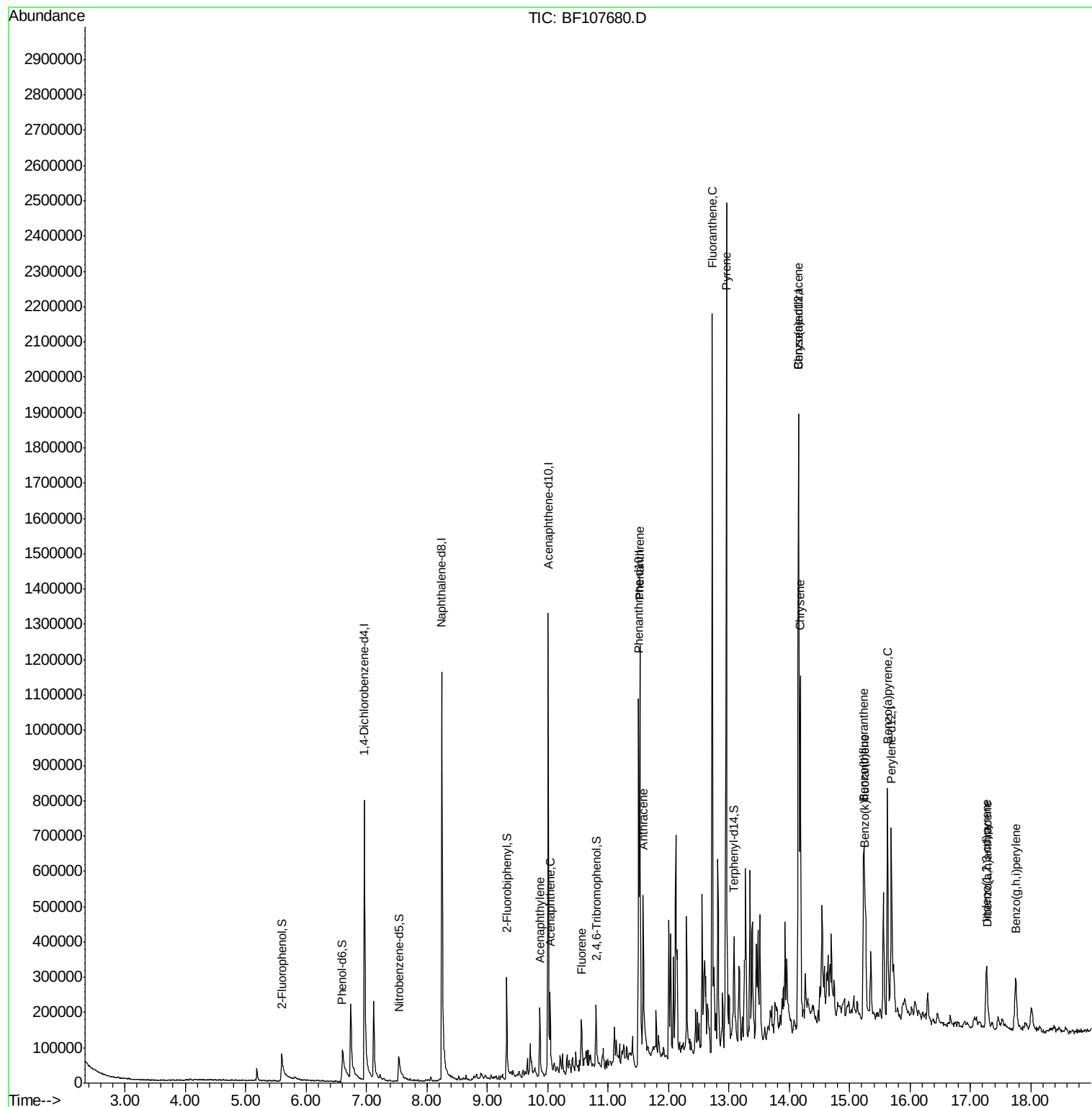
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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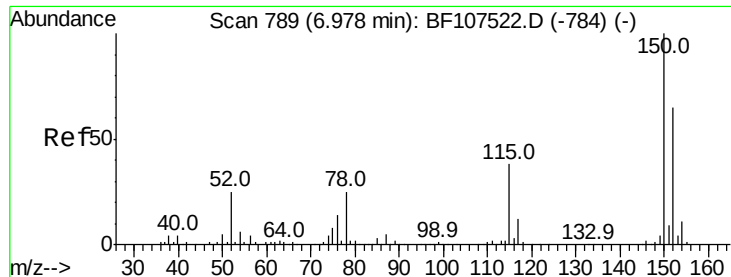
Instrument :
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2018-NYSEG-CLARK-AREA-10DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

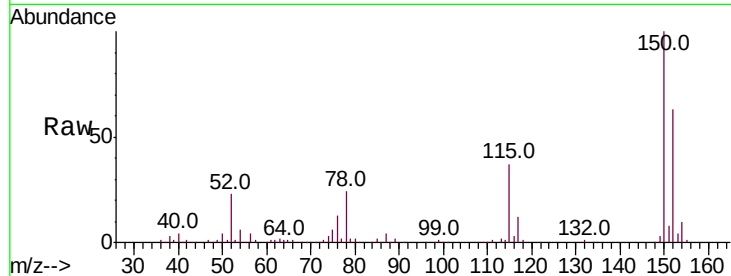
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	58.4	50.1	75.1

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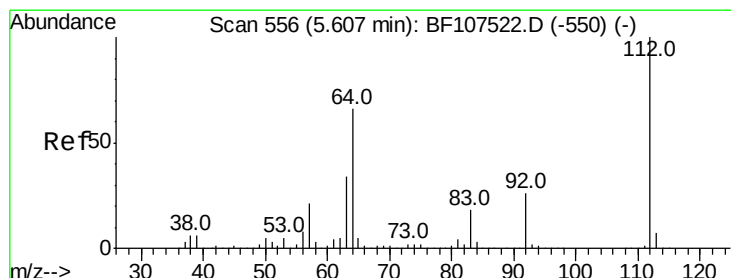
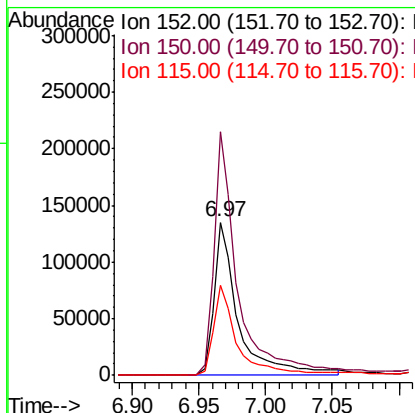
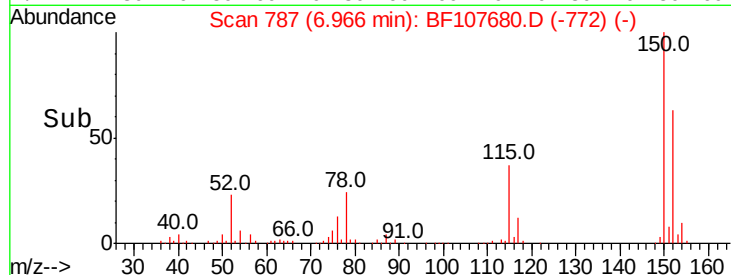


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

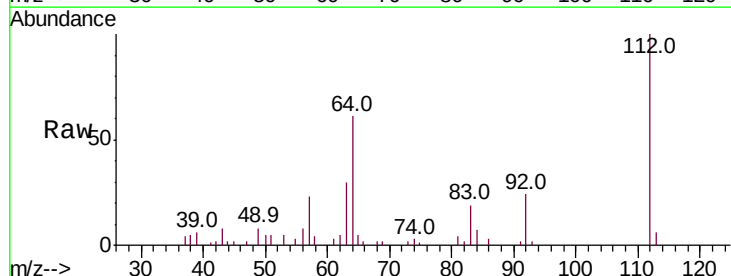
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.543 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	29.9	23.7	35.5

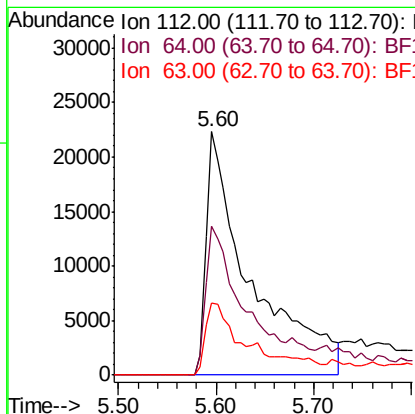
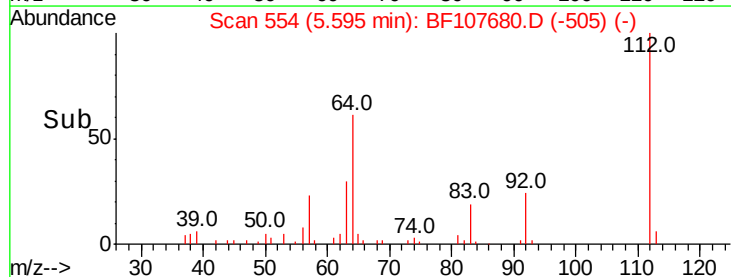


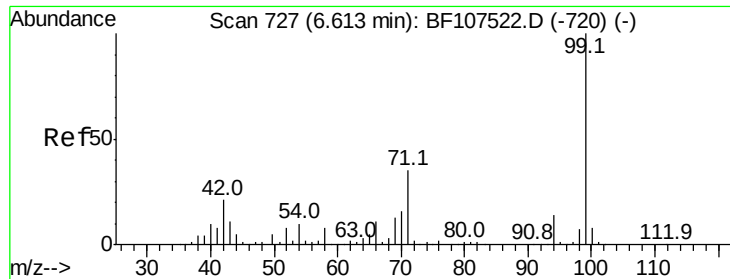
Abundance

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: 8.731 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107680.D

Acq: 26 Jul 2018 2:47

Instrument :

BNA_F

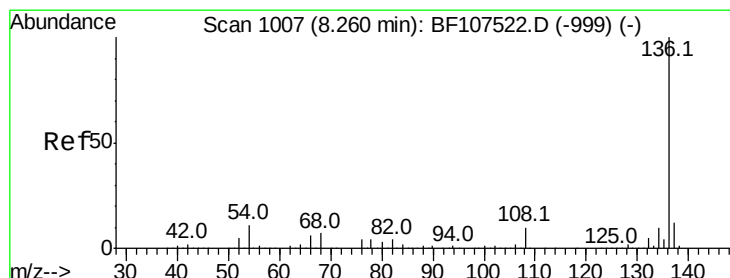
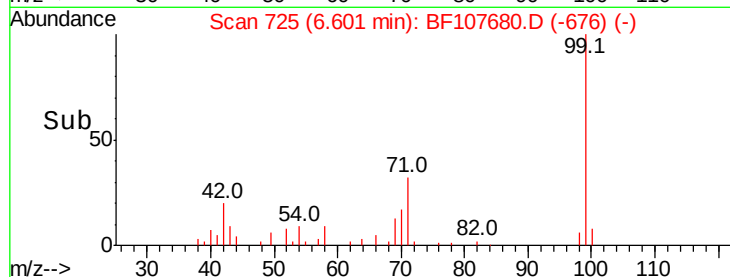
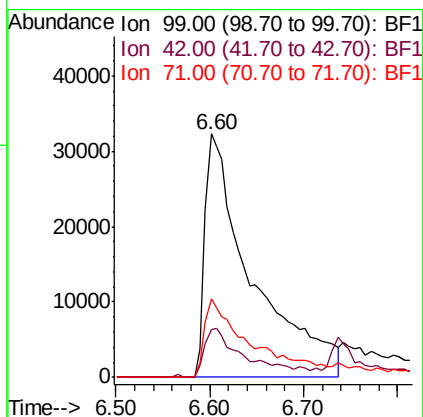
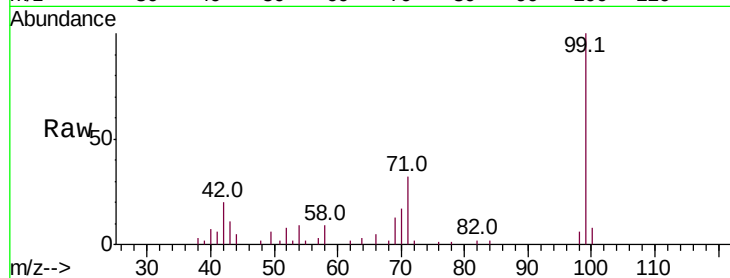
ClientSampleId :

2018-NYSEG-CLARK-AREA-10DL

Tot Ion:	99	Resp:	112762
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	32.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

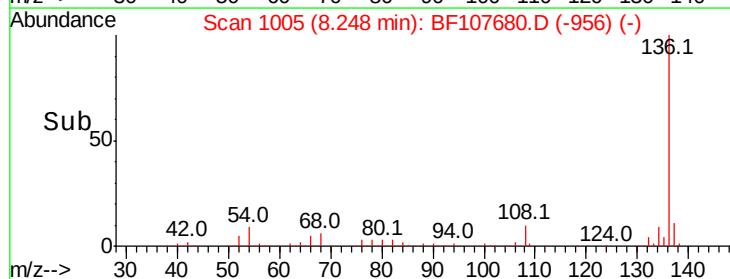
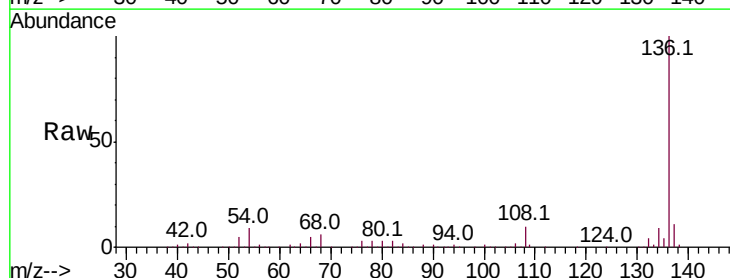
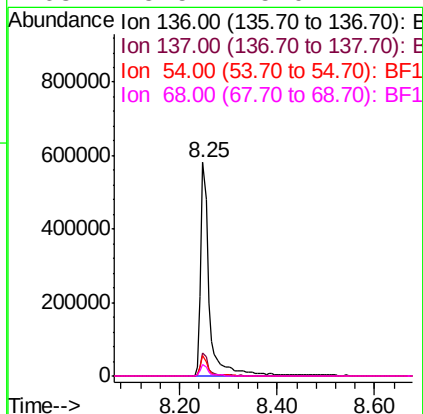
RT: 8.25 min Scan# 1005

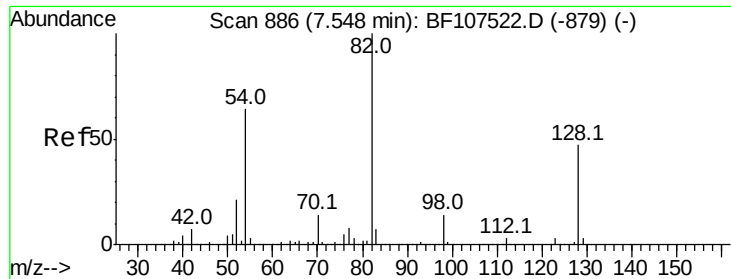
Delta R.T. -0.01 min

Lab File: BF107680.D

Acq: 26 Jul 2018 2:47

Tgt Ion:	136	Resp:	717212
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	5.5	5.0	7.4





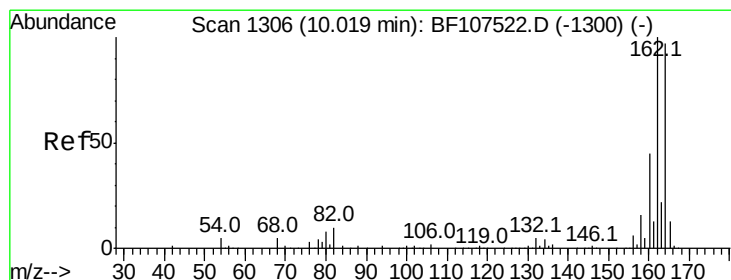
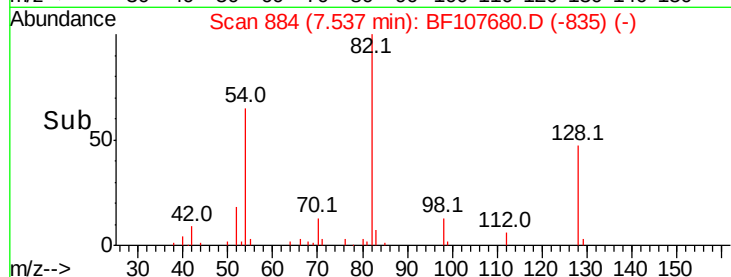
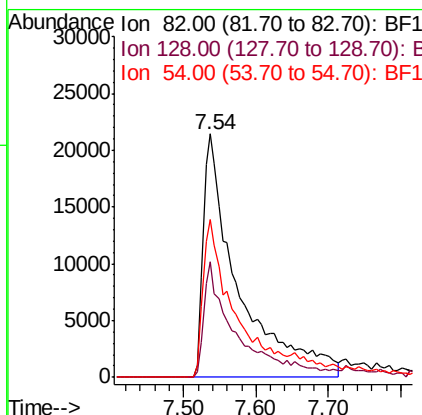
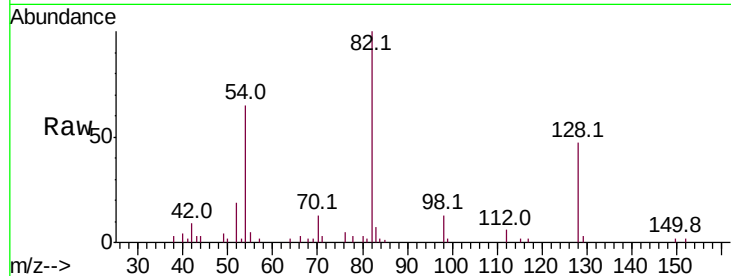
#23
 Nitrobenzene-d5
 Concen: 6.805 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	65.1	41.4	62.2

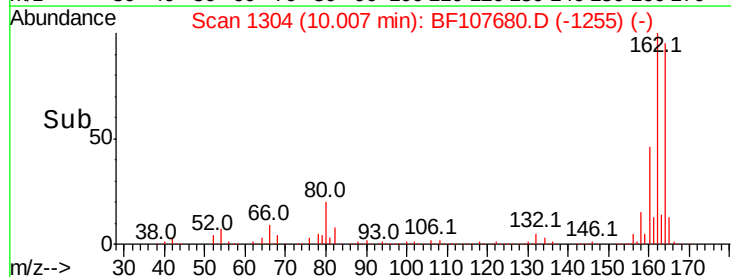
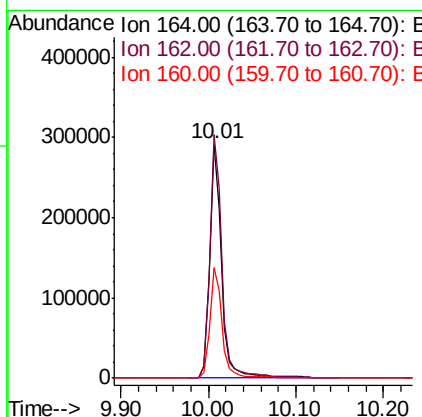
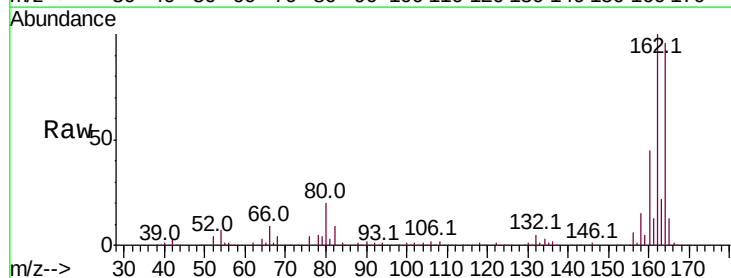
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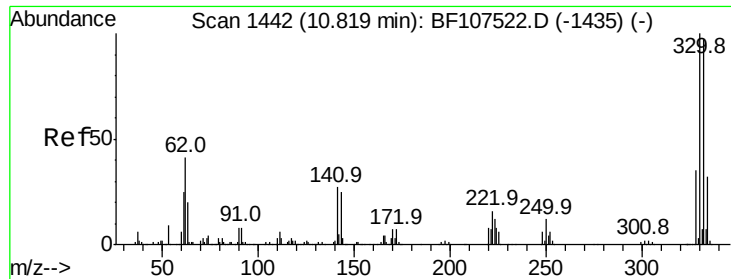
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.4	38.3	57.5





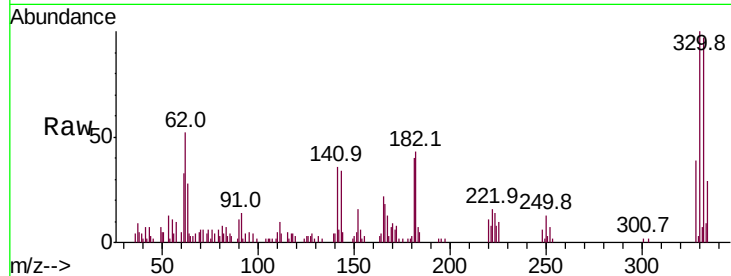
#41
 2,4,6-Tribromophenol
 Concen: 8.564 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	77.0	115.6	
141	29.5	29.9	44.9#	

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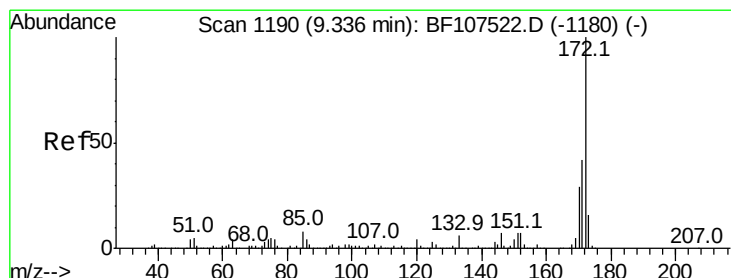
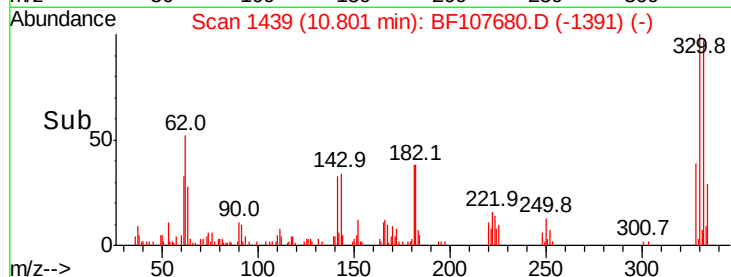
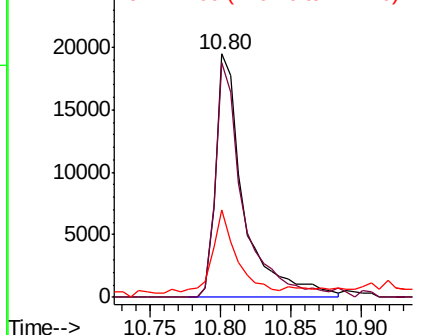


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 2.355 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

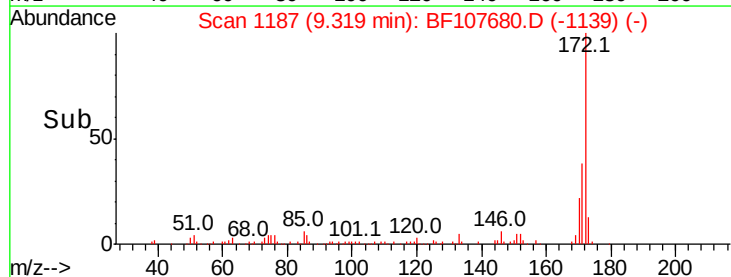
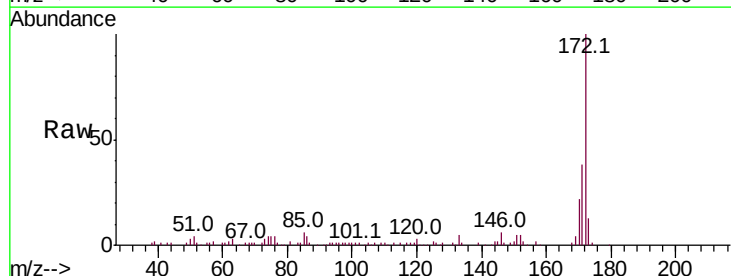
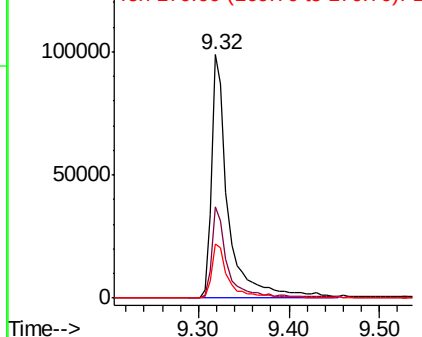
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.6	29.7	44.5	
170	22.1	19.6	29.4	

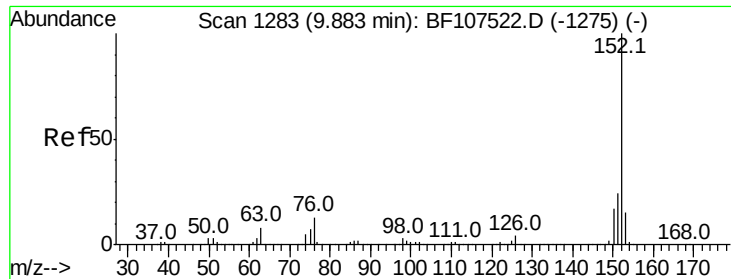
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





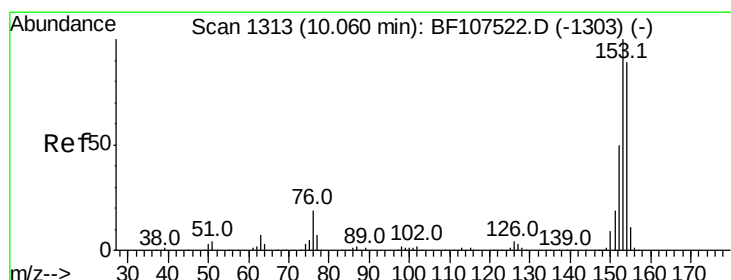
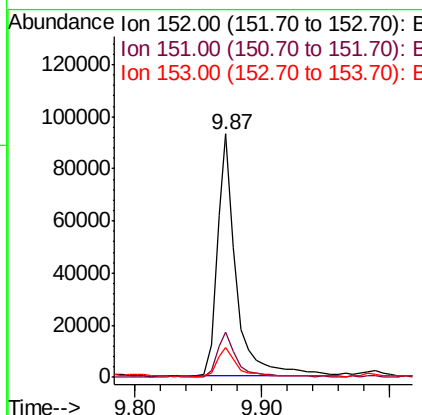
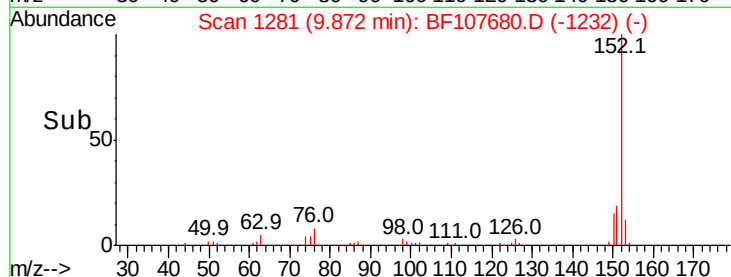
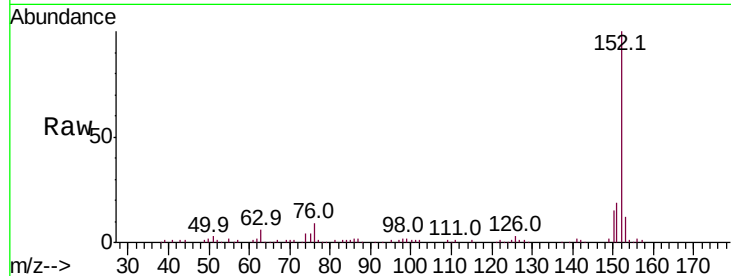
#48
 Acenaphthylene
 Concen: 3.514 ng
 RT: 9.87 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	18.6	16.3	24.5	
153	12.3	10.7	16.1	

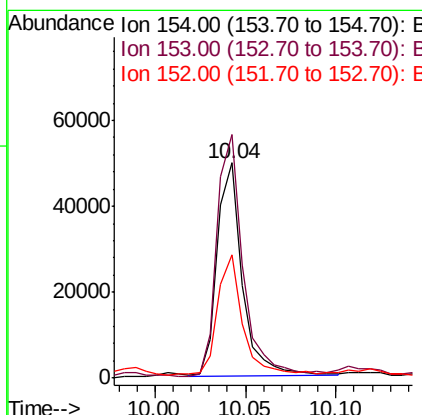
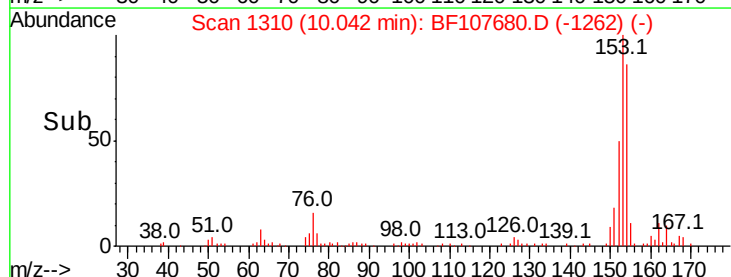
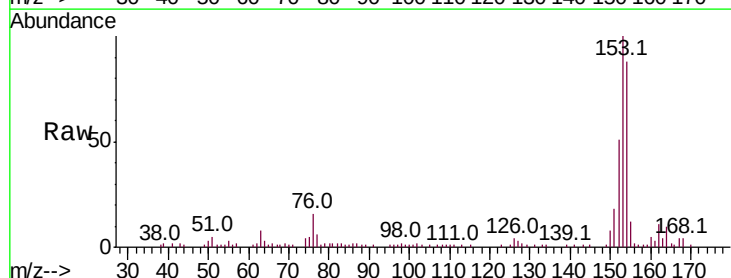
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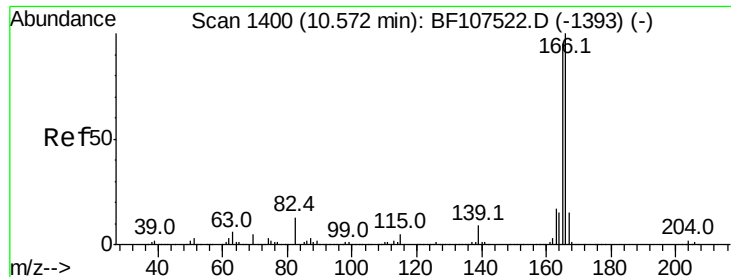
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#51
 Acenaphthene
 Concen: 2.813 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.2	91.2	136.8	
152	57.3	43.8	65.8	





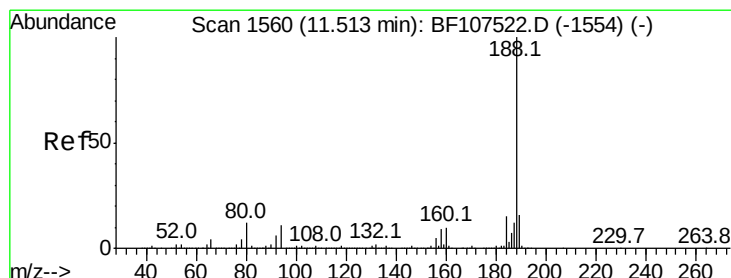
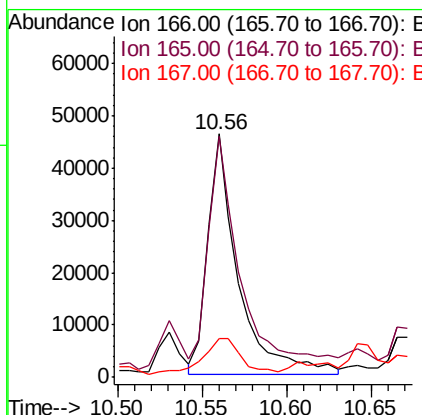
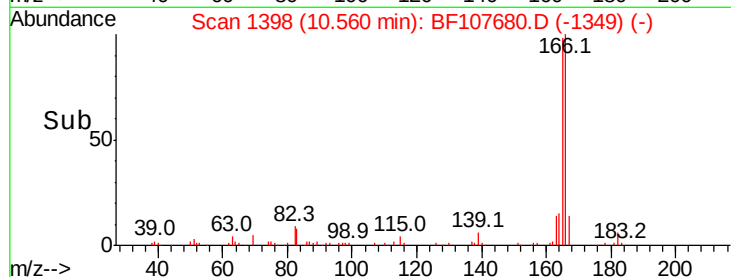
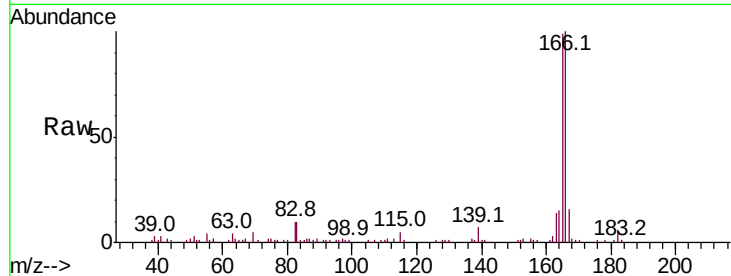
#57
Fluorene
 Concen: 3.204 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	15.8	10.6	16.0

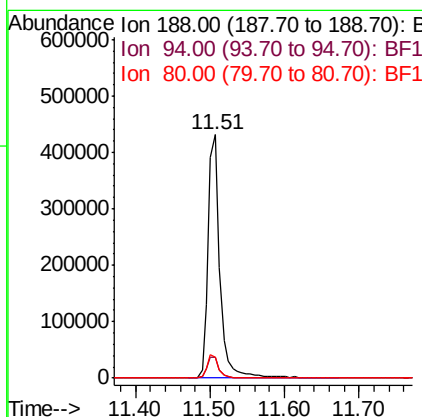
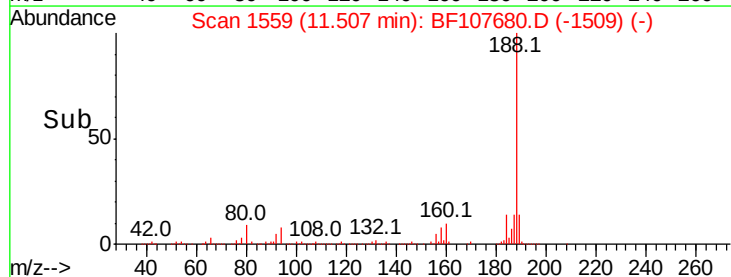
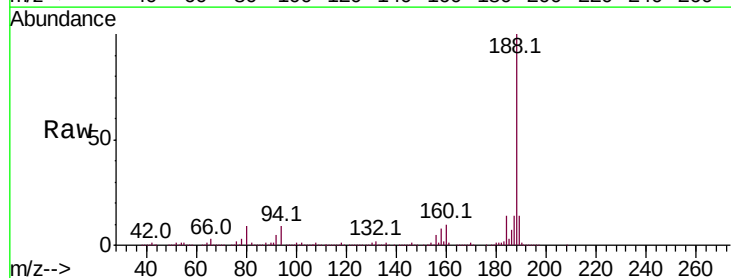
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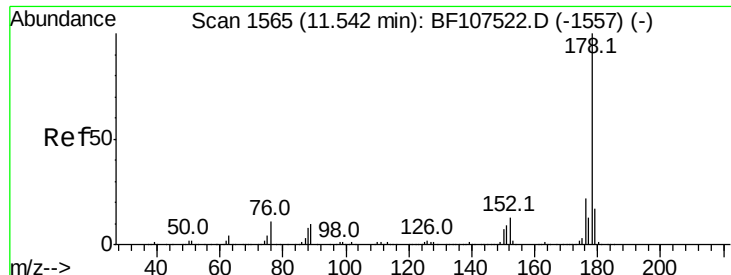
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.7	9.2	13.8#





#70

Phenanthrene

Concen: 22.171 ng

RT: 11.53 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF107680.D

Acq: 26 Jul 2018 2:47

Instrument :

BNA_F

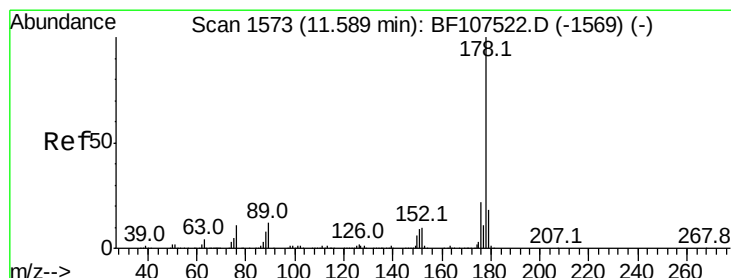
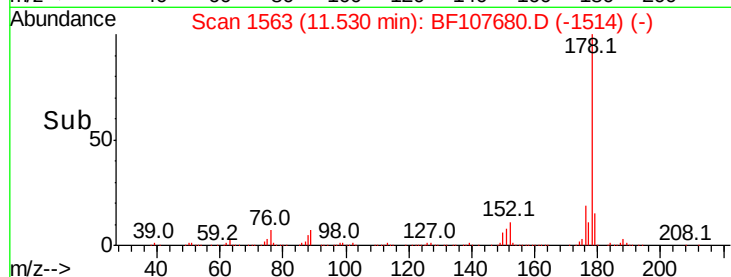
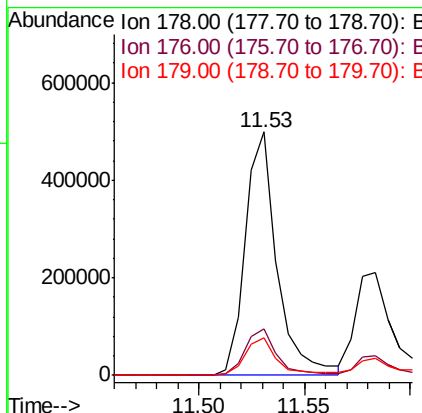
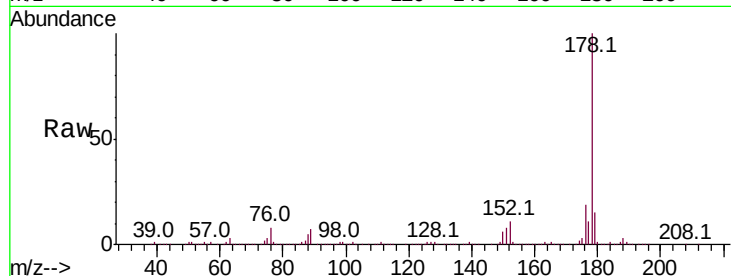
ClientSampleId :

2018-NYSEG-CLARK-AREA-10DL

Tot Ion:178	Resp:	518197
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.8 23.8
179	15.3	13.0 19.6

Manual Integrations
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#71

Anthracene

Concen: 11.836 ng

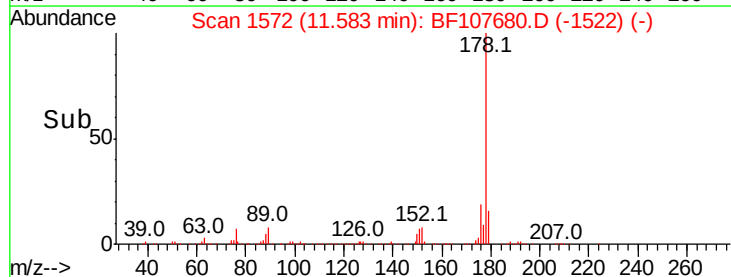
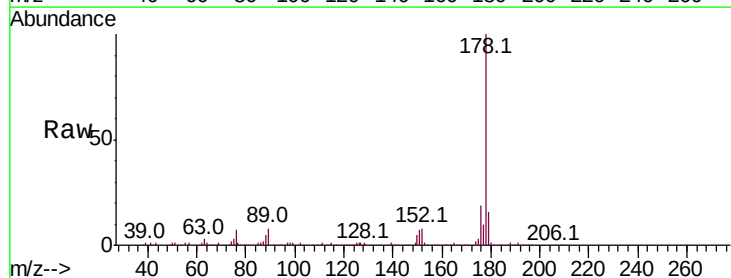
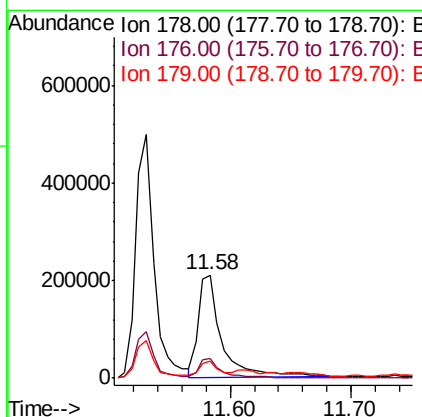
RT: 11.58 min Scan# 1572

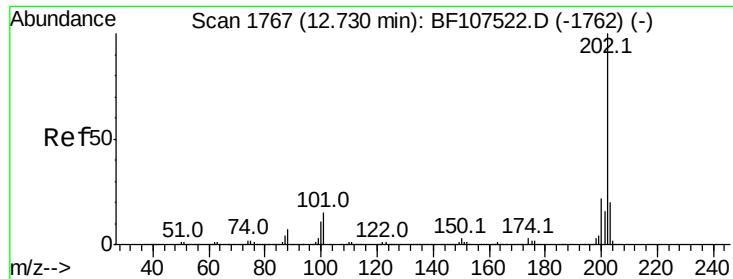
Delta R.T. -0.01 min

Lab File: BF107680.D

Acq: 26 Jul 2018 2:47

Tgt Ion:178	Resp:	278545
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.4 23.2
179	16.3	12.6 19.0





#74

Fluoranthene

Concen: 37.082 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107680.D

Acq: 26 Jul 2018 2:47

Instrument :

BNA_F

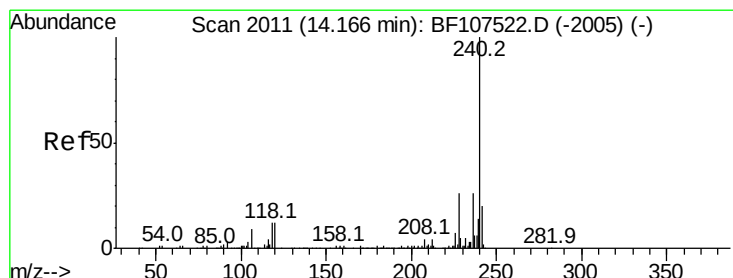
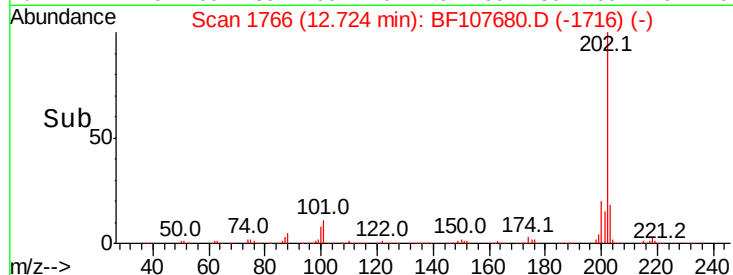
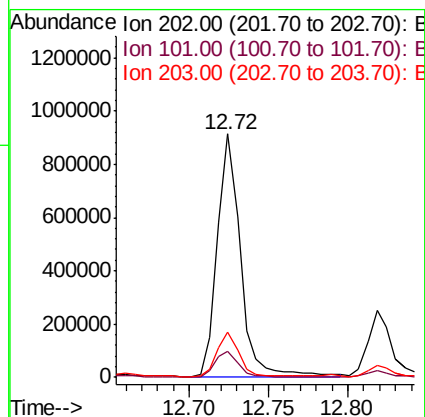
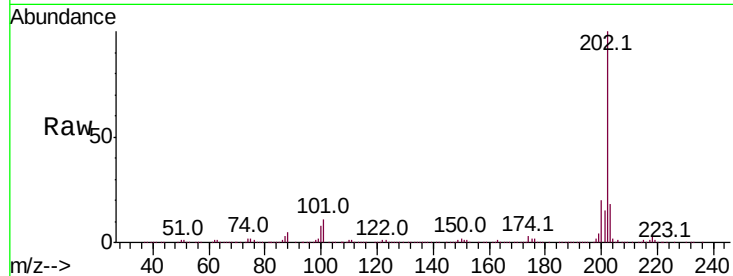
ClientSampleId :

2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	34.1
203	18.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

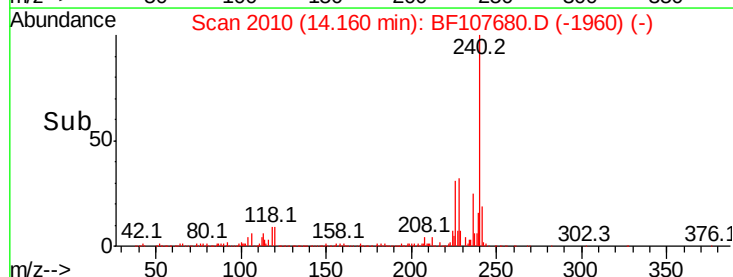
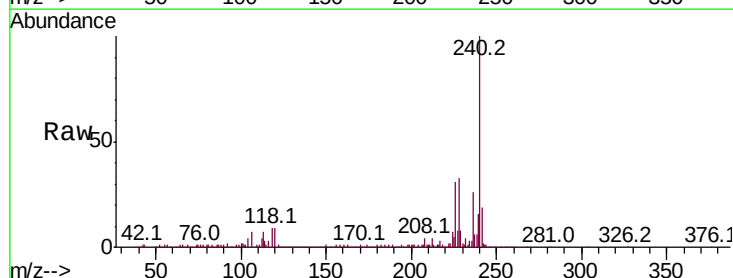
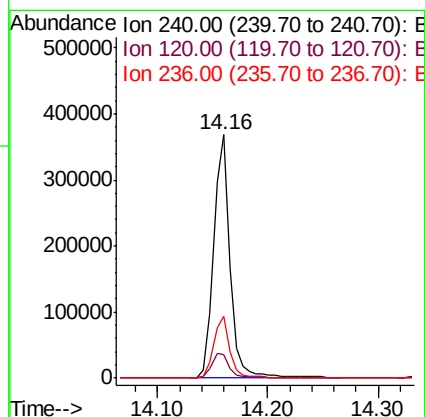
RT: 14.16 min Scan# 2010

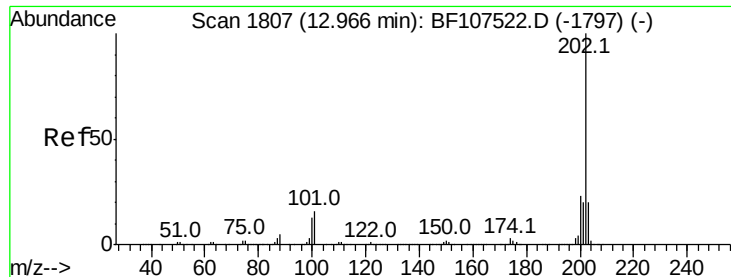
Delta R.T. -0.01 min

Lab File: BF107680.D

Acq: 26 Jul 2018 2:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.5	20.7	31.1





#77

Pvrene

Concen: 46.154 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107680.D

Acq: 26 Jul 2018 2:47

Instrument :

BNA_F

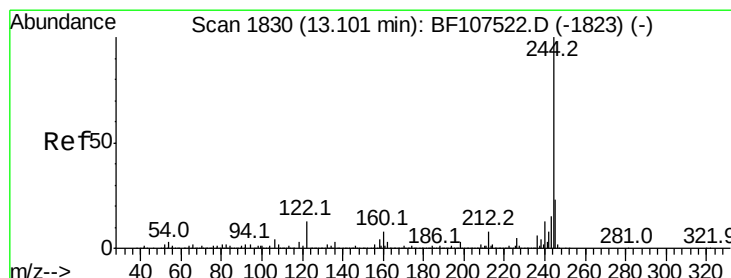
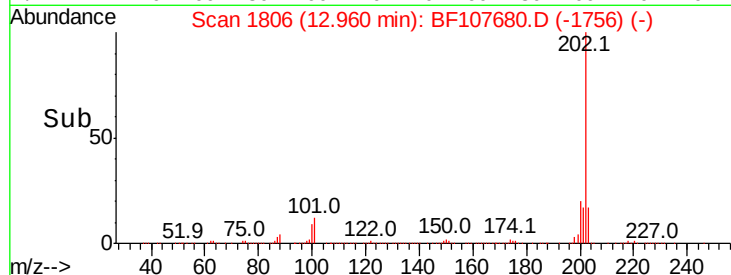
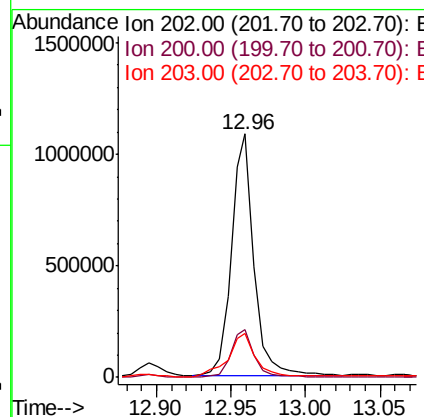
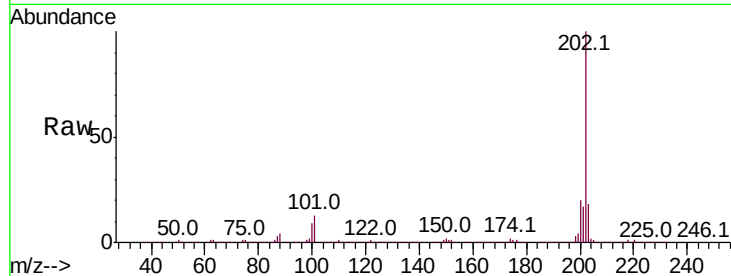
ClientSampleId :

2018-NYSEG-CLARK-AREA-10DL

Tot Ion:	202	Resp:	1160181
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 6.703 ng

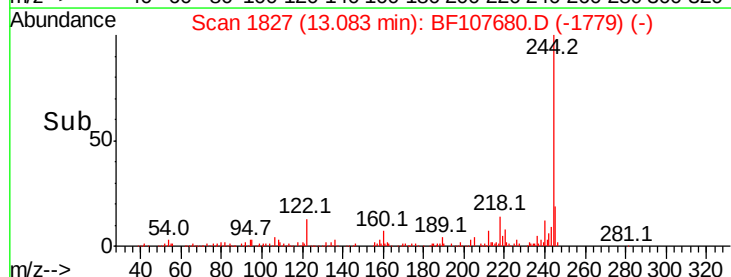
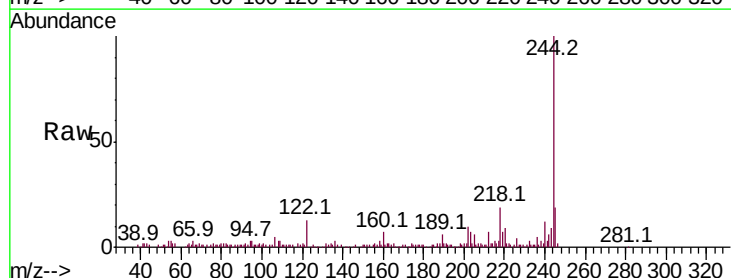
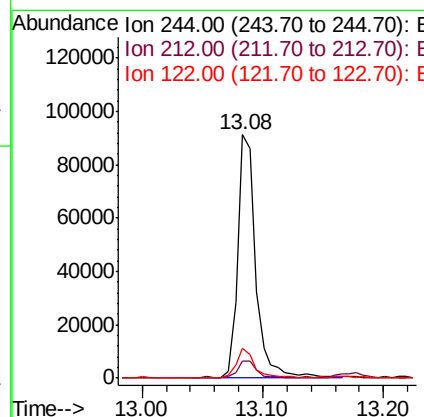
RT: 13.08 min Scan# 1827

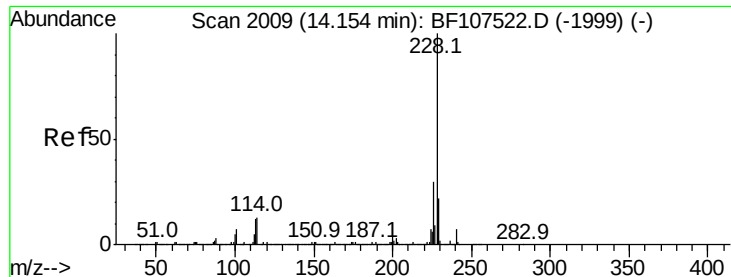
Delta R.T. -0.02 min

Lab File: BF107680.D

Acq: 26 Jul 2018 2:47

Tgt Ion:	244	Resp:	96215
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4





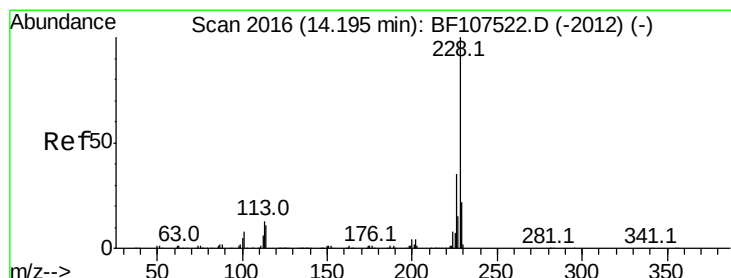
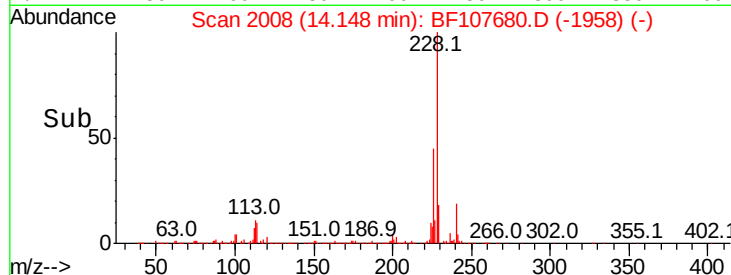
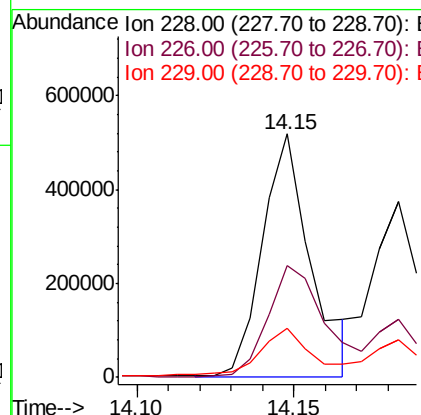
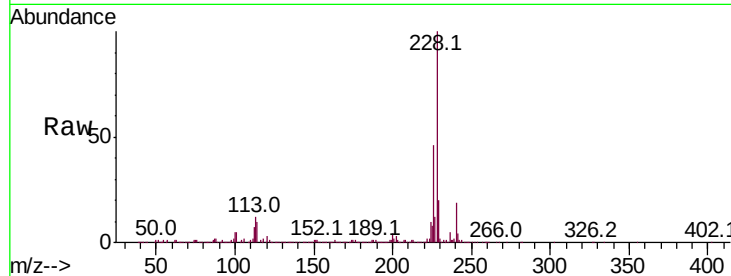
#80
Benzo(a)anthracene
Concen: 25.782 ng m
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	45.8	22.6	33.8#
229	20.1	15.8	23.6

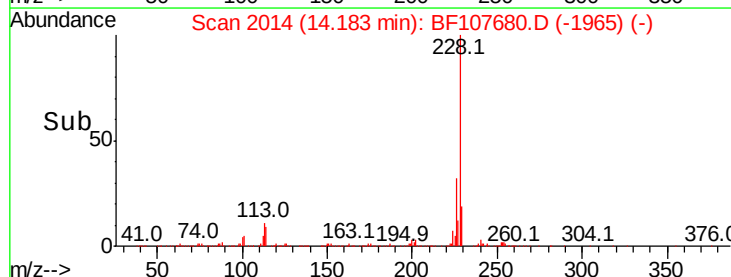
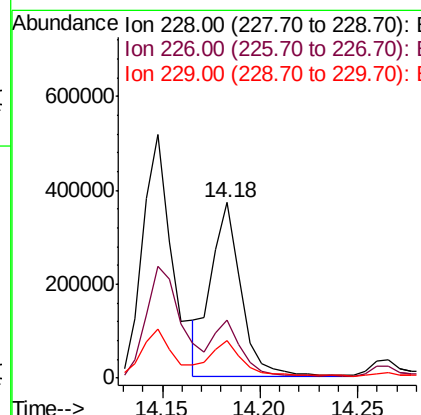
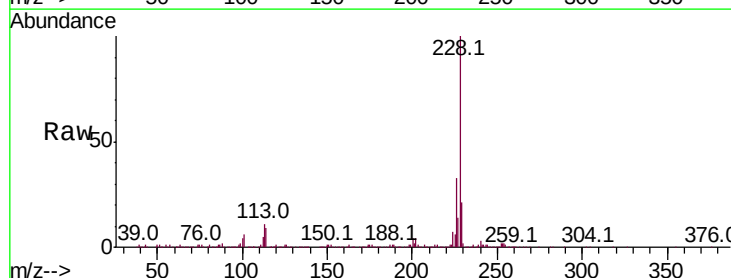
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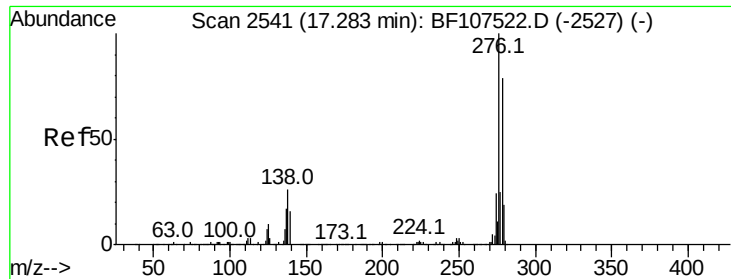
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#82
Chrysene
Concen: 19.595 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.0	37.6
229	21.0	16.2	24.4





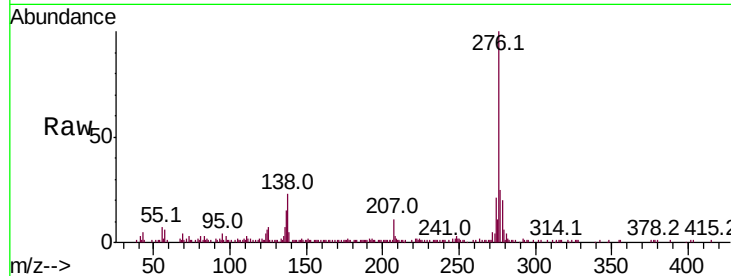
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.614 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	133495		
138	1.3	25.0	37.6#	
277	1.0	20.1	30.1#	

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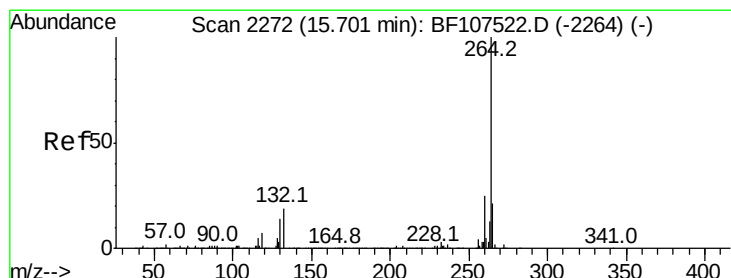
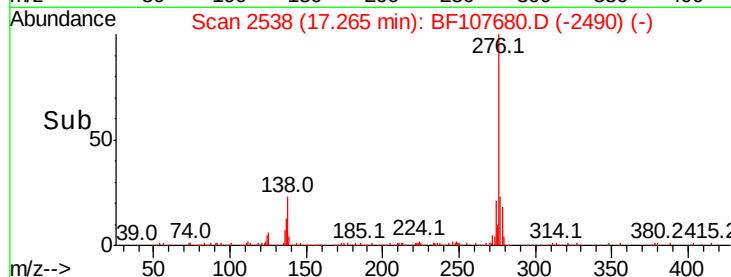
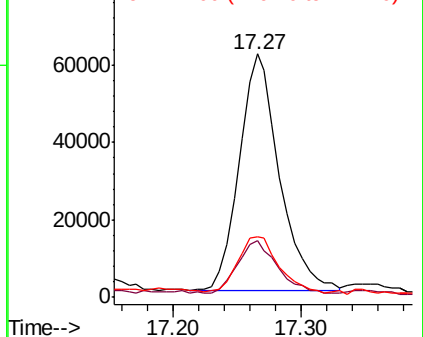


Abundance

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: BF107680.D
Acq: 26 Jul 2018 2:47

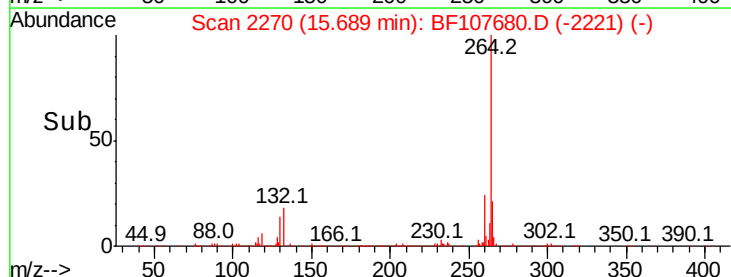
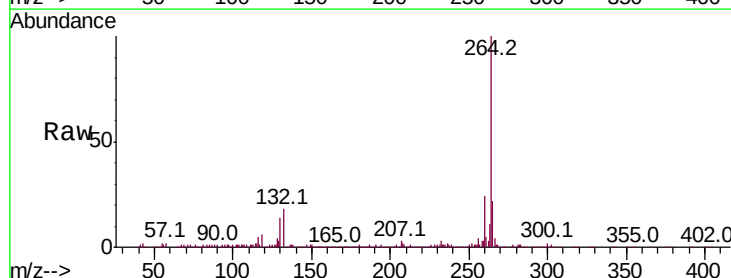
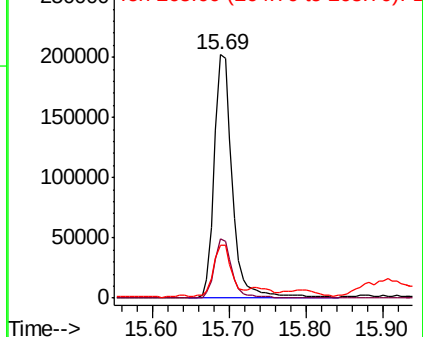
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	319713		
260	24.4	19.2	28.8	
265	21.8	17.5	26.3	

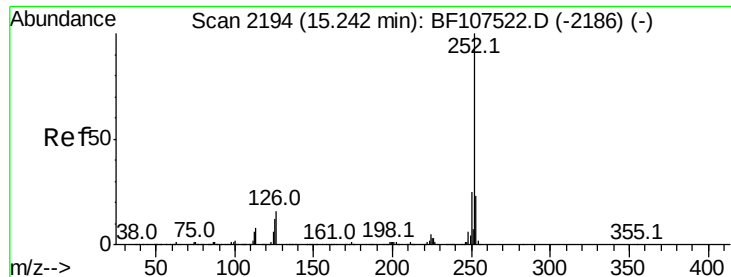
Abundance

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





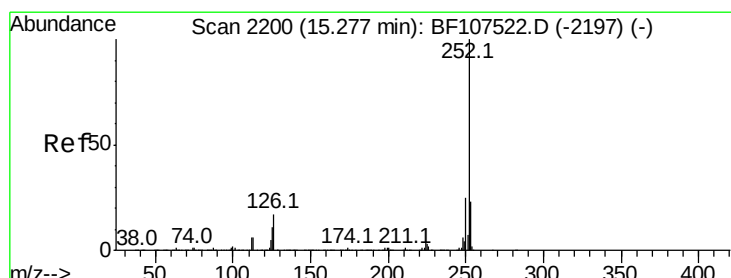
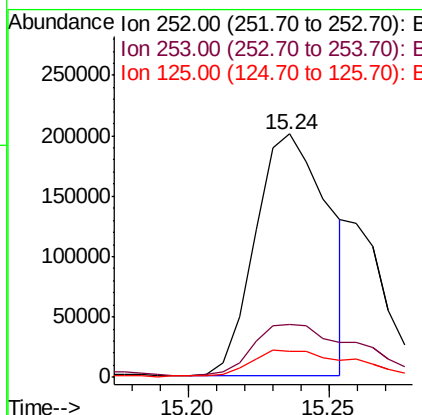
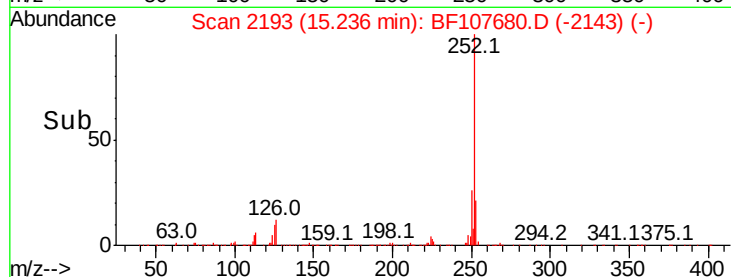
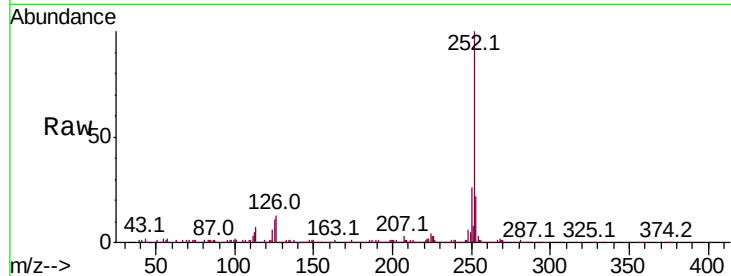
#87
Benzo(b)fluoranthene
Concen: 20.598 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	10.9	9.0	13.6

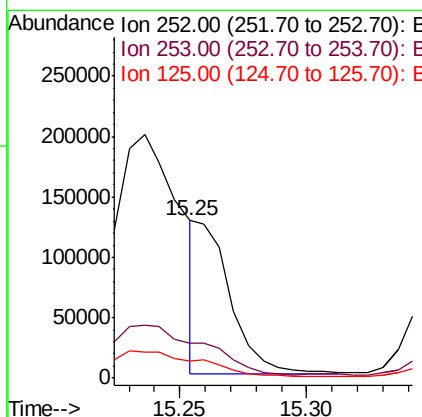
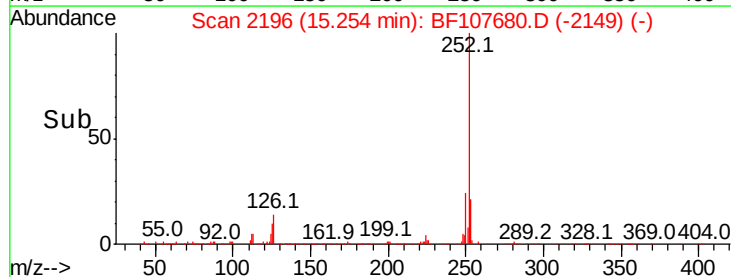
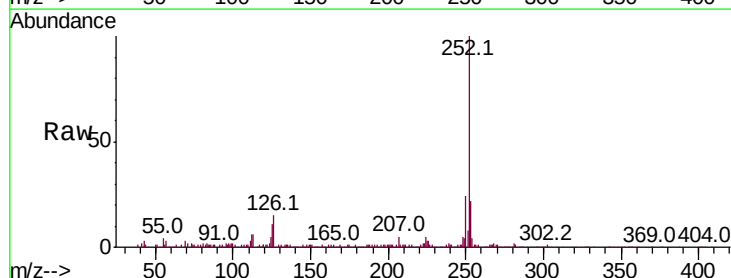
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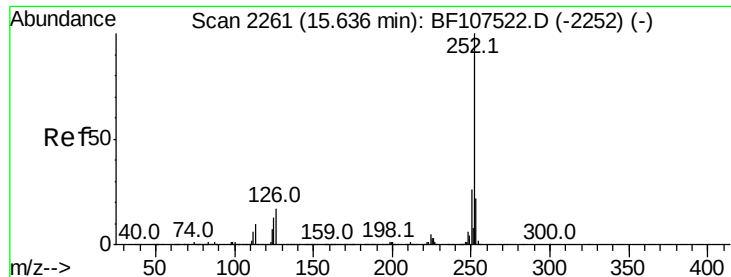
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#88
Benzo(k)fluoranthene
Concen: 6.684 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.9	10.2	15.2





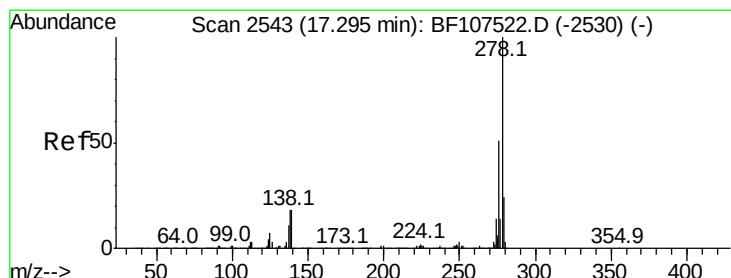
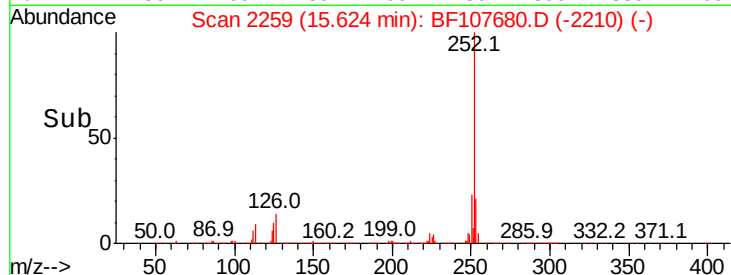
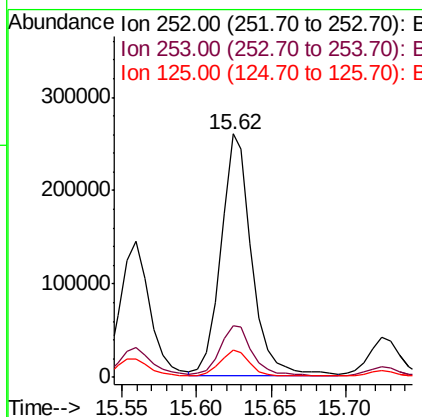
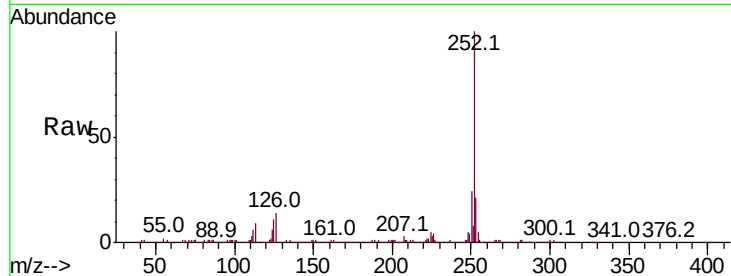
#89
Benzo(a)pyrene
Concen: 23.308 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	11.2	9.8	14.6

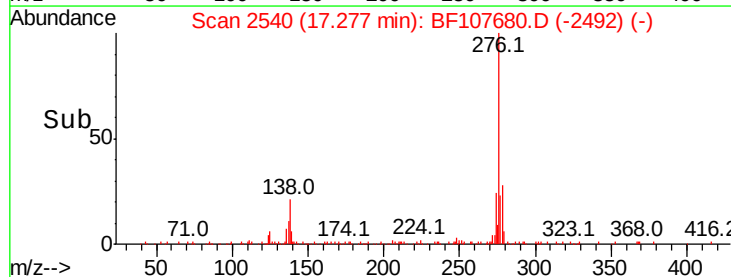
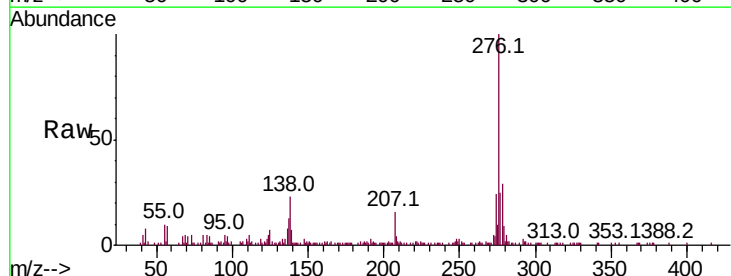
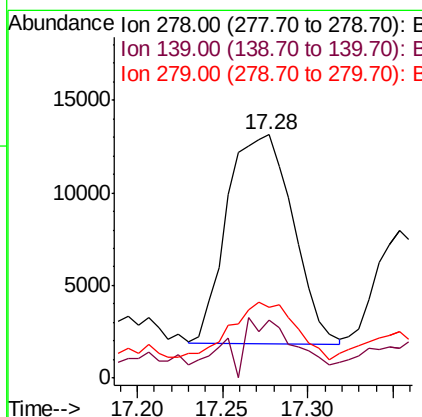
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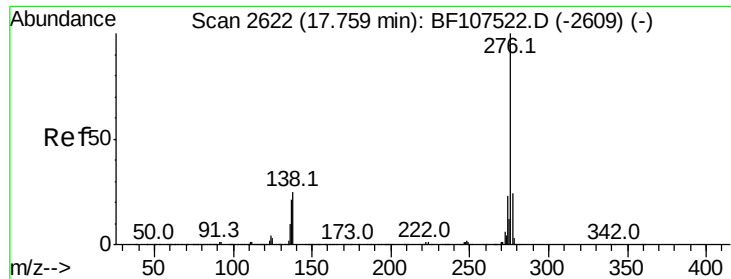
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#90
Dibenzo(a,h)anthracene
Concen: 2.188 ng m
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107680.D
Acq: 26 Jul 2018 2:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.9	15.9	23.9#
279	28.9	19.0	28.4#





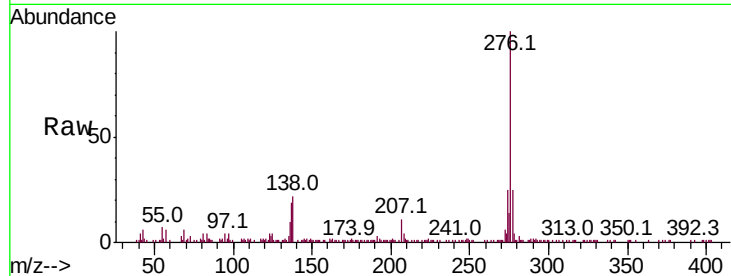
#91
 Benzo(a,h,i)perylene
 Concen: 10.861 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107680.D
 Acq: 26 Jul 2018 2:47

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	21.8	21.8	32.8

Manual Integrations
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 7/26/2018 2:02:29 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

