

Data File : BG036680.D
Acq On : 12 Sep 2018 19:43
Operator : JU/SJ
Sample : J4856-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

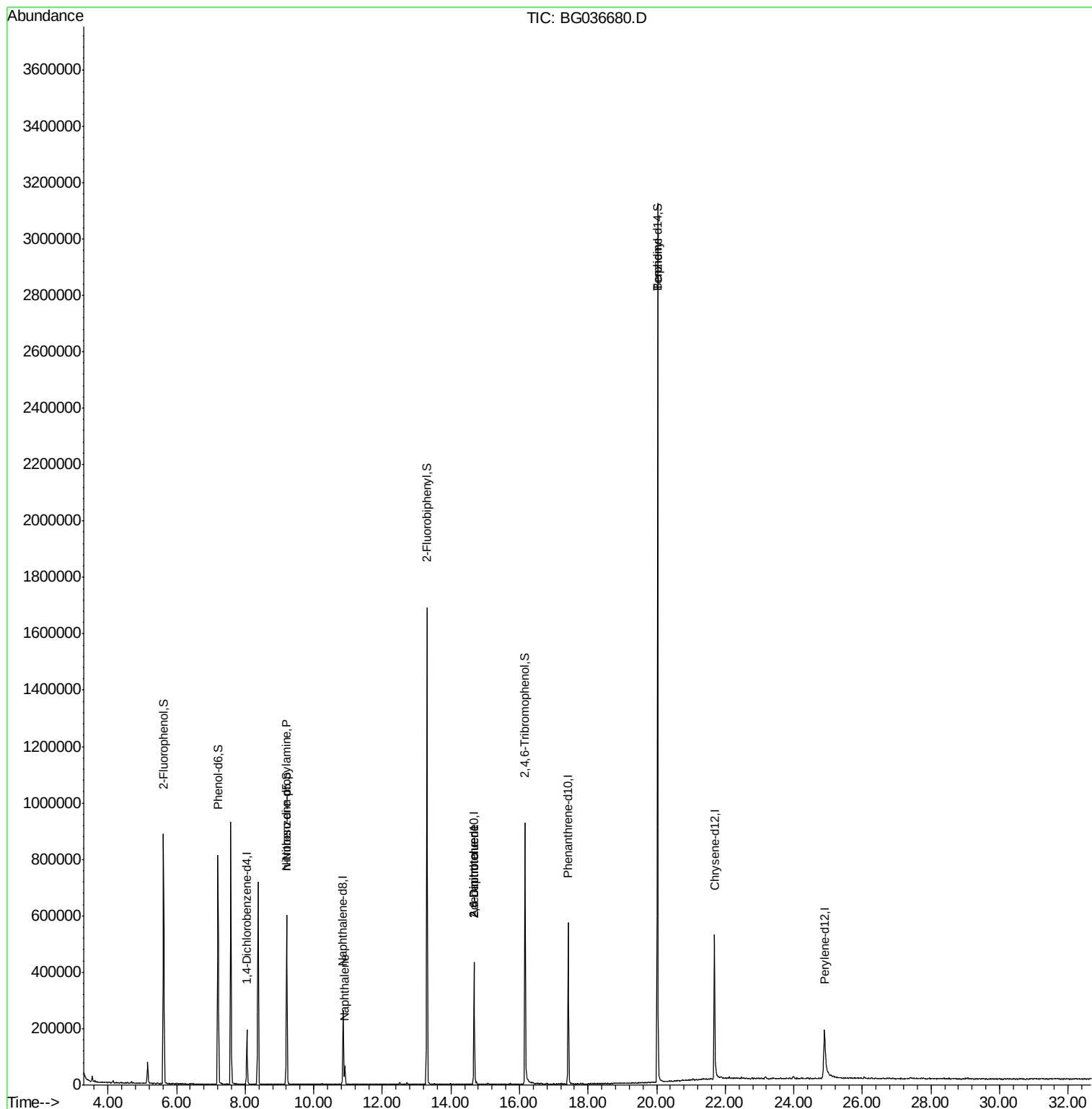
Quant Time: Sep 13 01:12:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

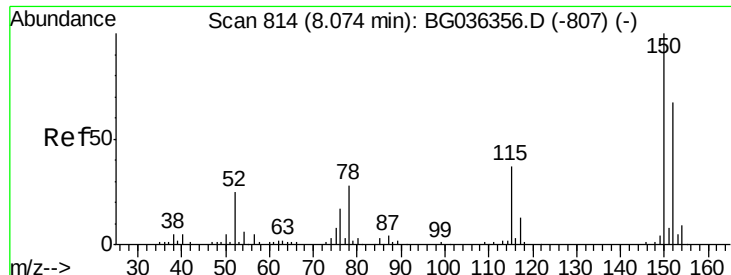
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53523	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	227539	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	148146	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	375537	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	385935	20.00	ng	-0.01
86) Perylene-d12	24.89	264	299968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	363878	107.84	ng	0.00
7) Phenol-d6	7.21	99	466598	96.59	ng	-0.01
23) Nitrobenzene-d5	9.21	82	364857	87.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	185634	105.01	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	848663	81.79	ng	-0.01
78) Terphenyl-d14	20.03	244	1454108	88.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47797	13.239	ng	# 71
31) Naphthalene	10.91	128	54194	4.765	ng	100
50) 2,6-Dinitrotoluene	14.67	165	19532	7.847	ng	# 24
56) 2,4-Dinitrotoluene	14.67	165	19532	6.021	ng	# 22
76) Benzidine	20.03	184	25106	2.039	ng	# 94

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

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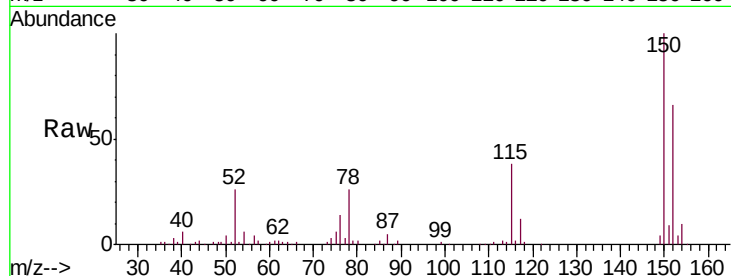
Quant Time: Sep 13 01:12:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



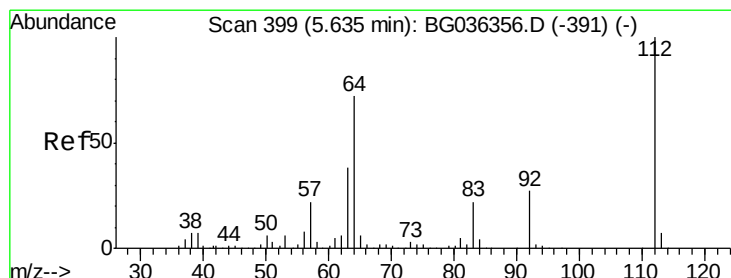
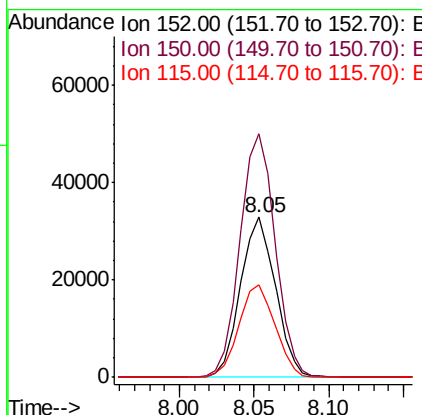
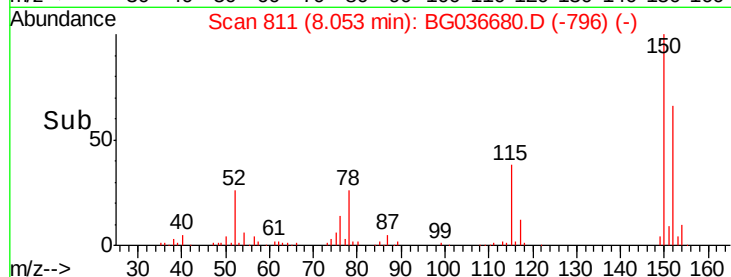


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	58.0	44.5	66.7

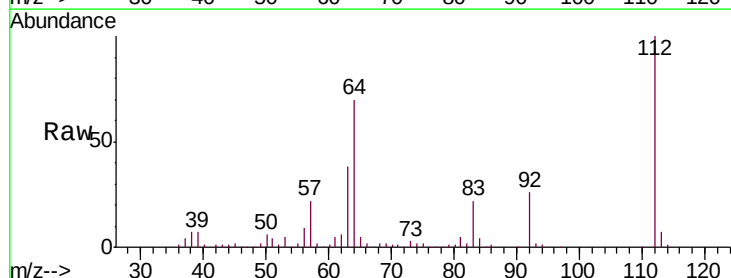


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

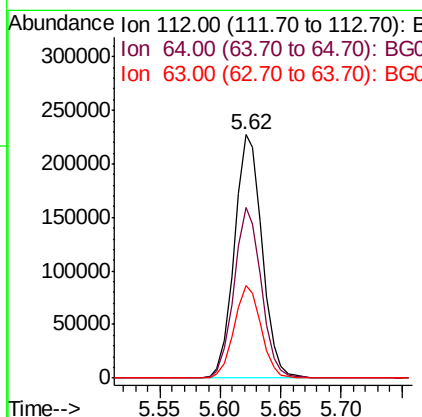
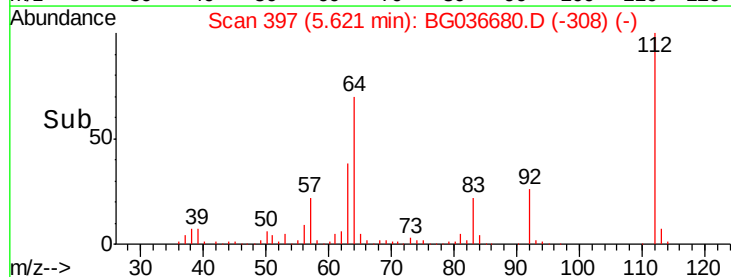


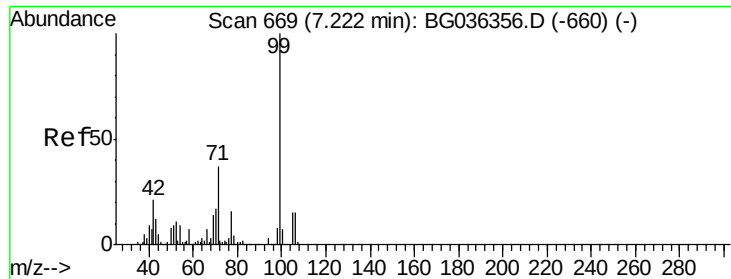
#5
 2-Fluorophenol
 Concen: 107.845 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.2	85.8
63	38.0	30.8	46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.587 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

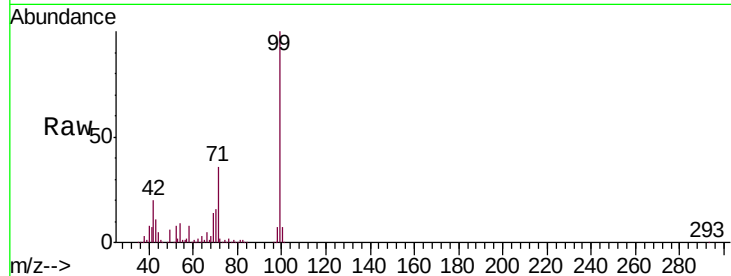
Tgt Ion: 99 Resp: 466598

Ion Ratio Lower Upper

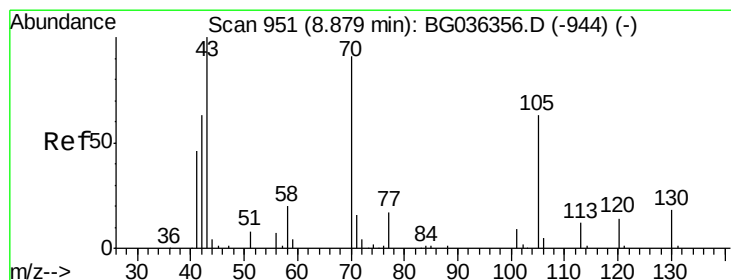
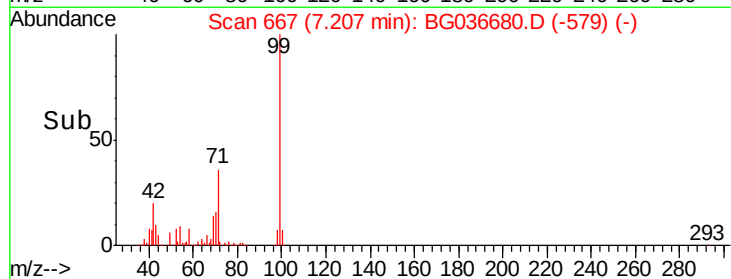
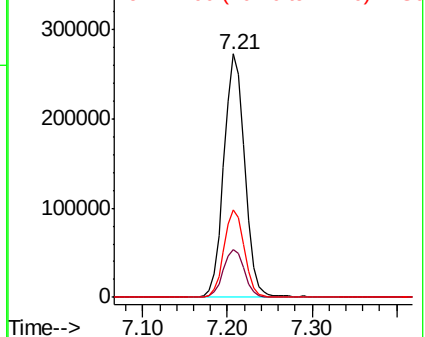
99 100

42 19.7 16.5 24.7

71 35.8 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.239 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

Tgt Ion: 70 Resp: 47797

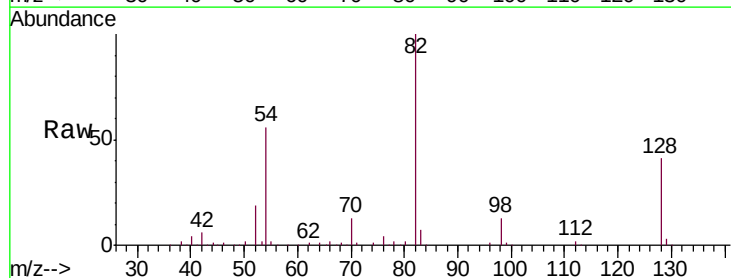
Ion Ratio Lower Upper

70 100

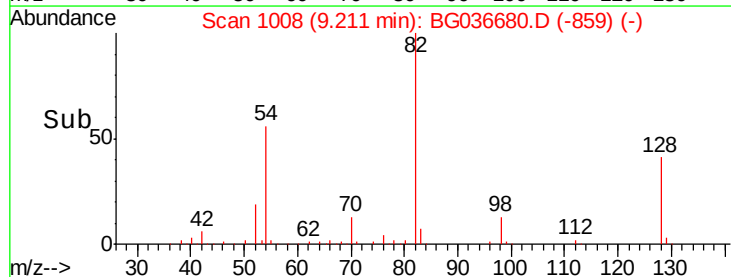
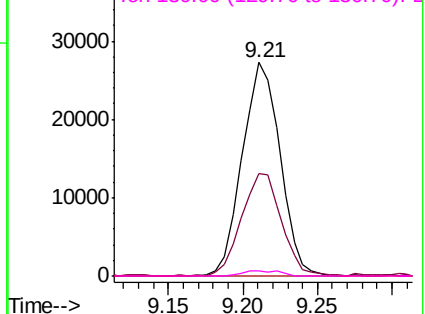
42 48.1 56.2 84.4#

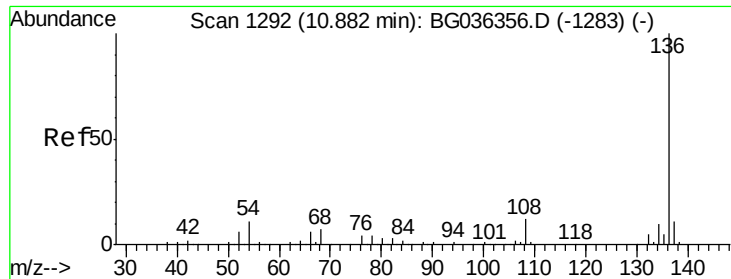
101 0.0 7.8 11.6#

130 2.4 16.2 24.2#



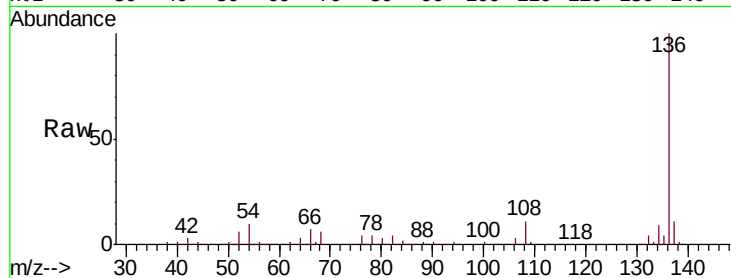
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



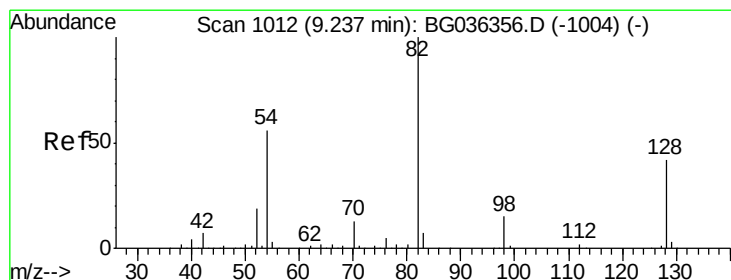
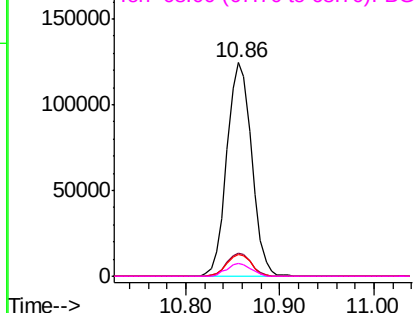
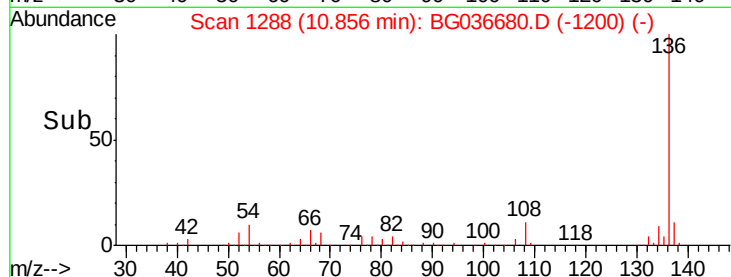


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

Tgt Ion:	136	Resp:	227539
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	9.2	13.8
68	6.1	5.8	8.6

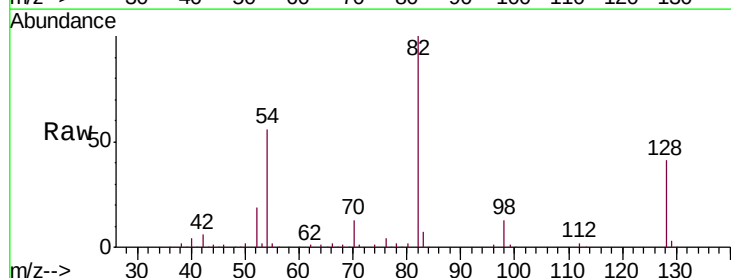


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

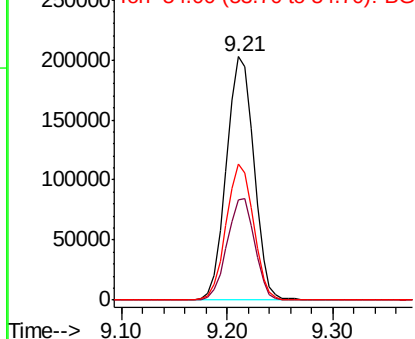
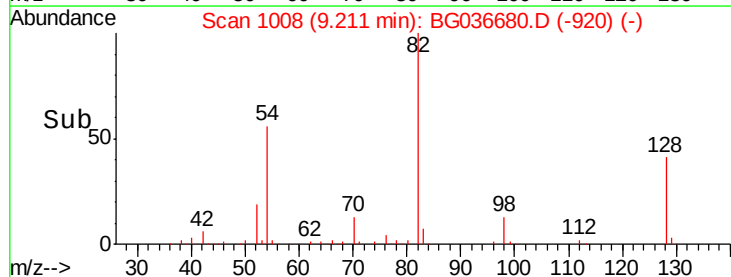


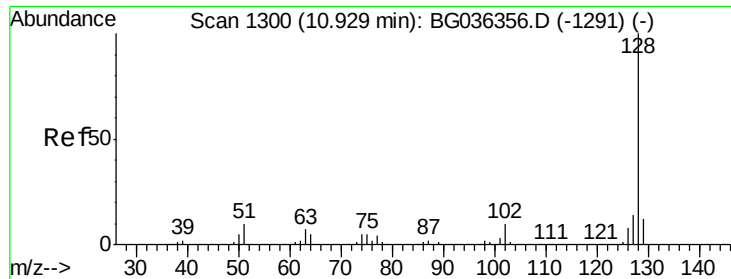
#23
Nitrobenzene-d5
Concen: 87.000 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

Tgt Ion:	82	Resp:	364857
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	56.0	45.1	67.7



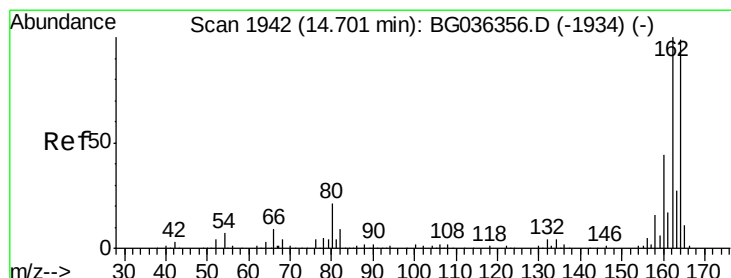
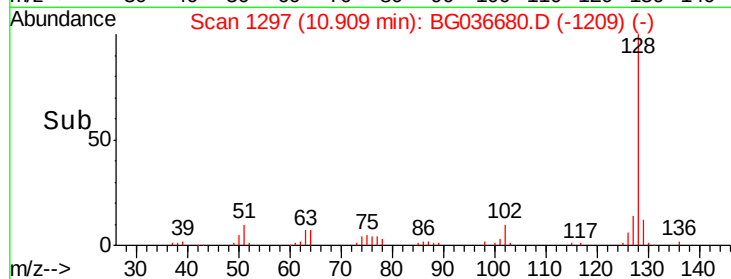
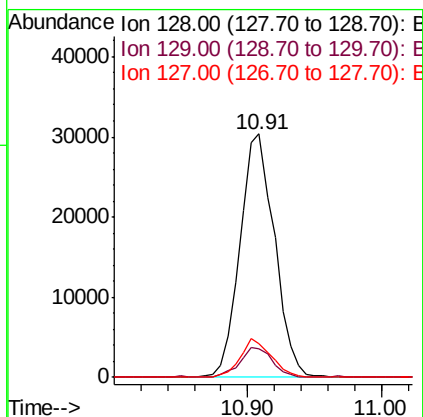
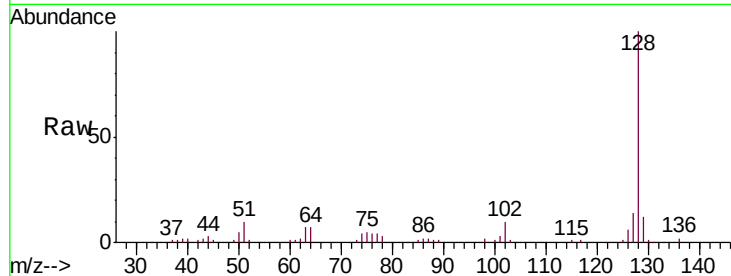
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





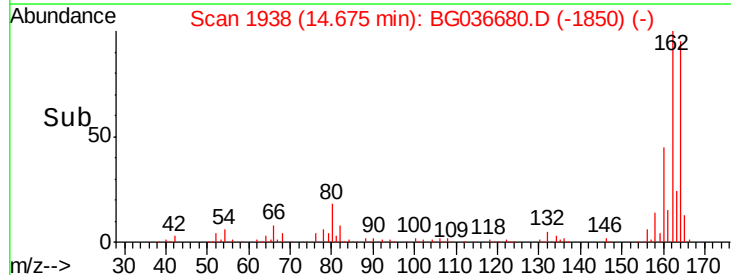
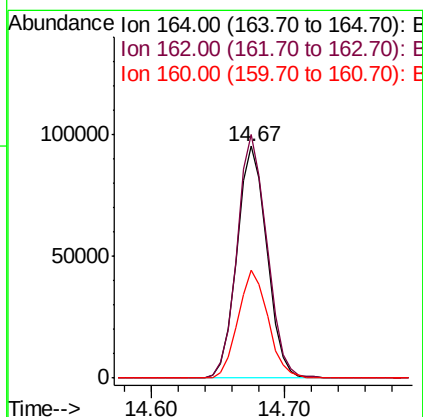
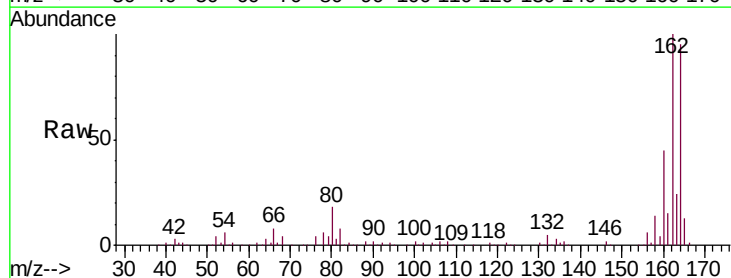
#31
Naphthalene
Concen: 4.765 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

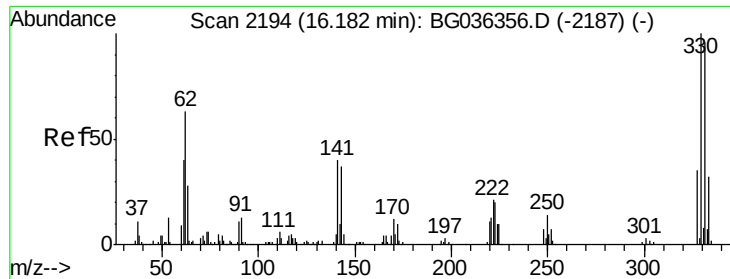
Tgt Ion:128 Resp: 54194
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.8 11.0 16.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

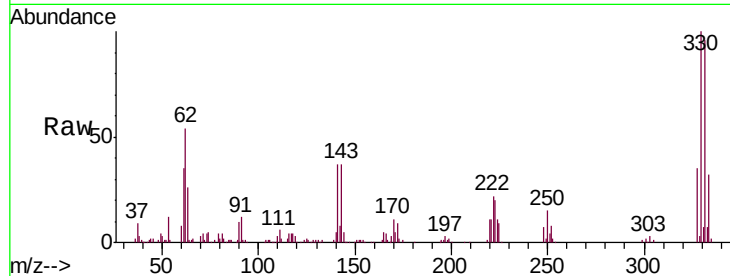
Tgt Ion:164 Resp: 148146
Ion Ratio Lower Upper
164 100
162 105.1 80.7 121.1
160 46.9 35.3 52.9



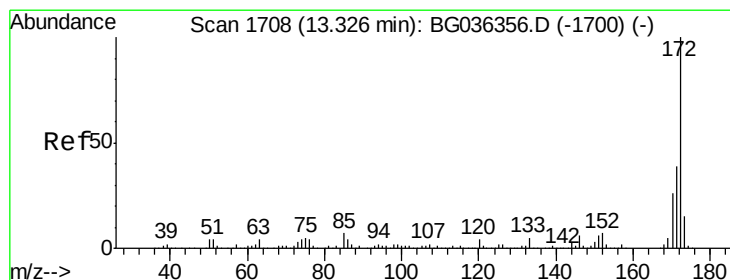
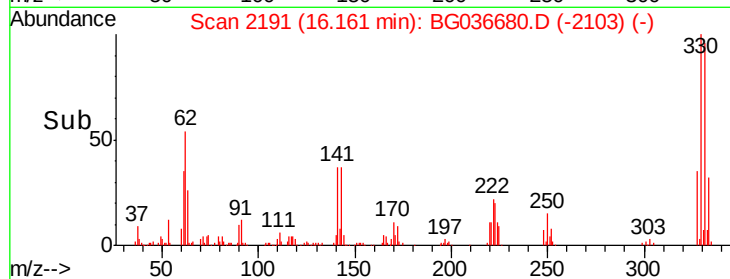
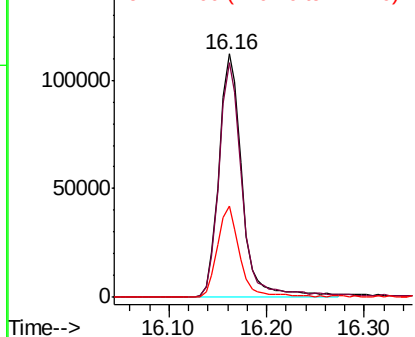


#41
 2,4,6-Tribromophenol
 Concen: 105.014 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.2
141	36.4	30.7	46.1

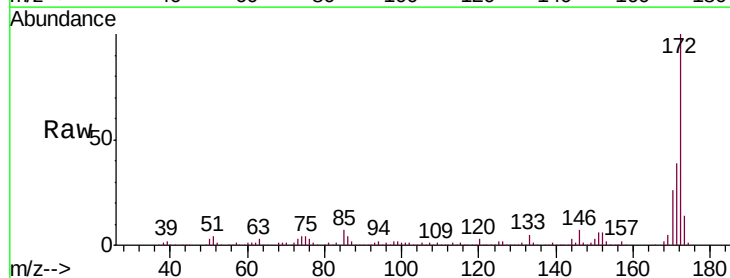


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

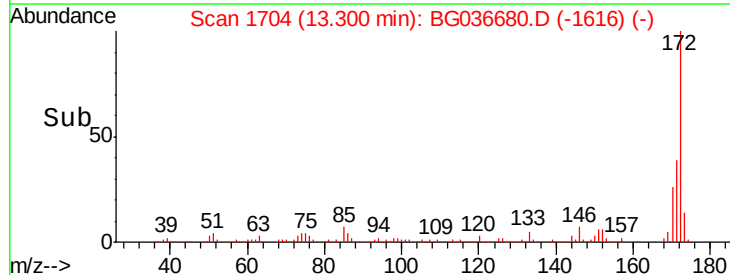
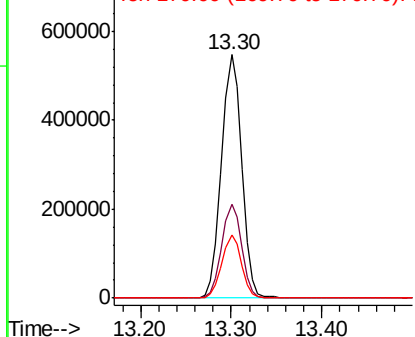


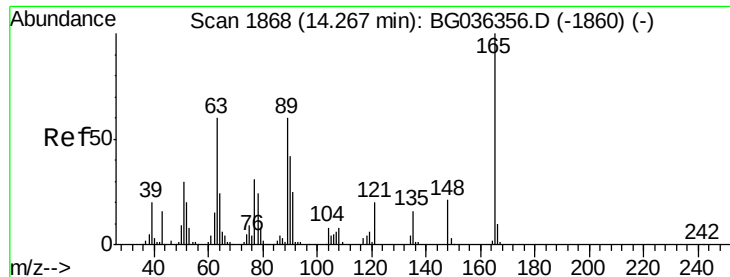
#44
 2-Fluorobiphenyl
 Concen: 81.793 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	26.0	21.0	31.6



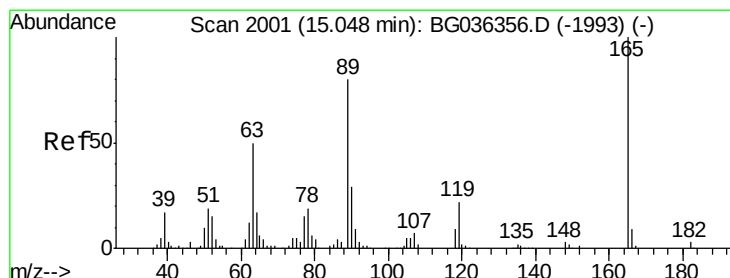
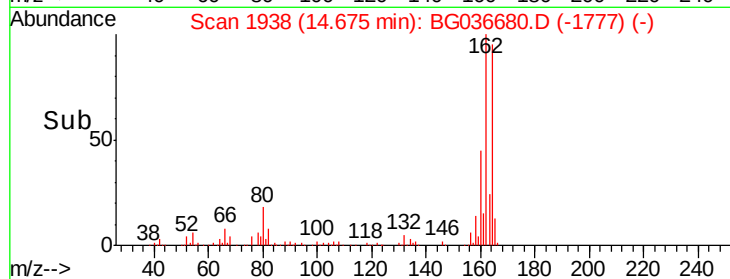
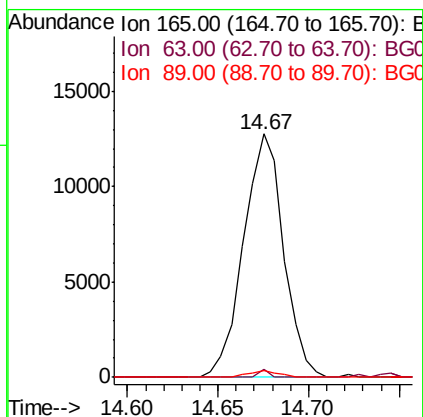
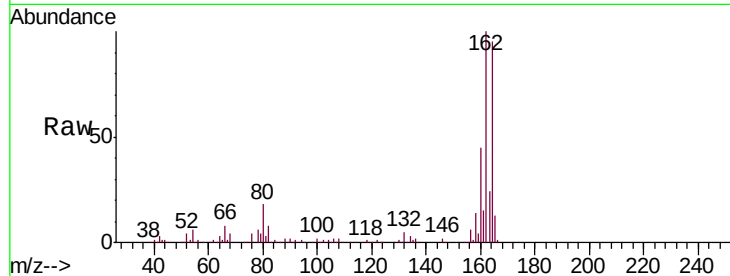
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





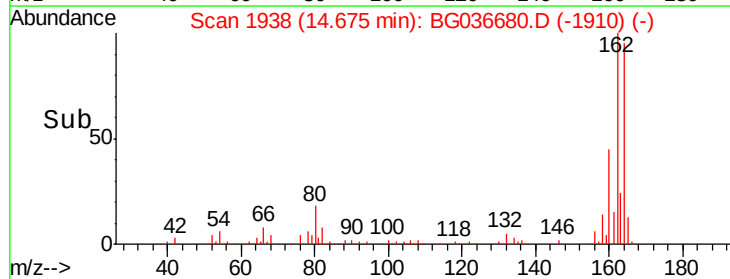
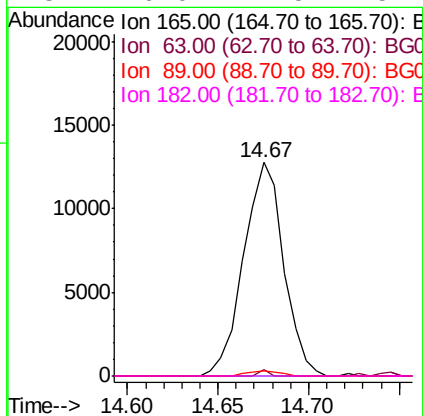
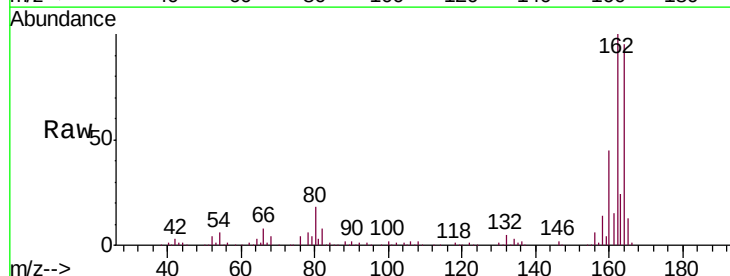
#50
 2,6-Dinitrotoluene
 Concen: 7.847 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

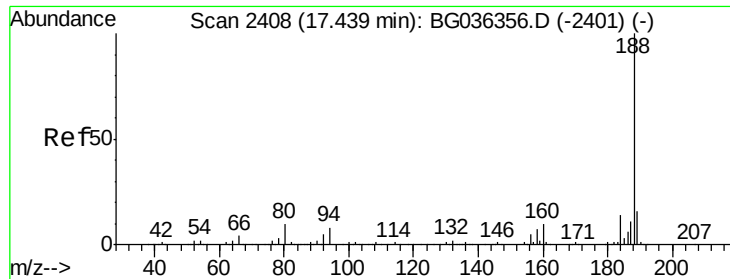
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.1	50.1	75.1#
89	2.6	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 6.021 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036680.D
 Acq: 12 Sep 2018 19:43

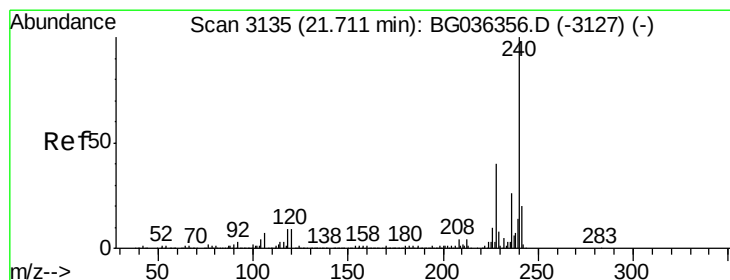
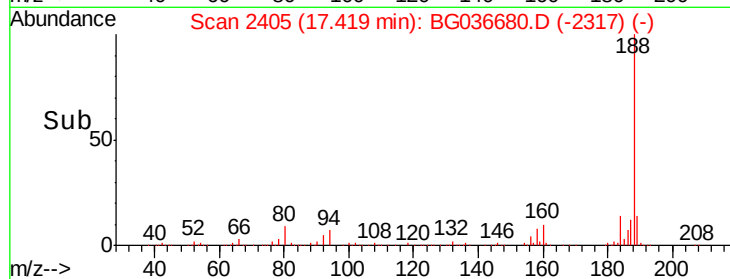
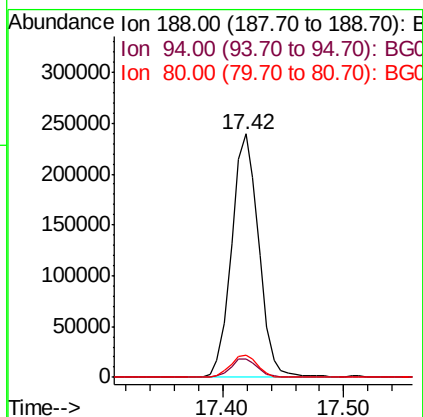
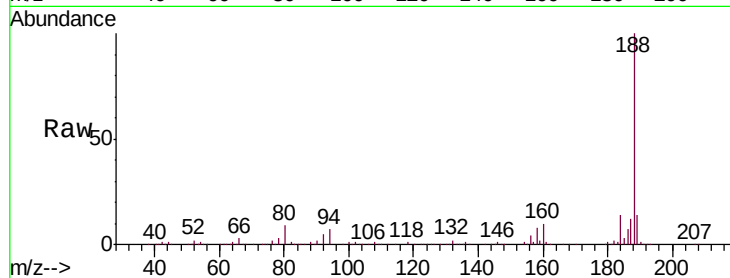
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.1	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#





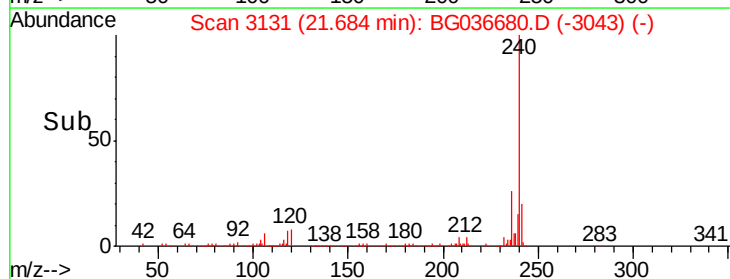
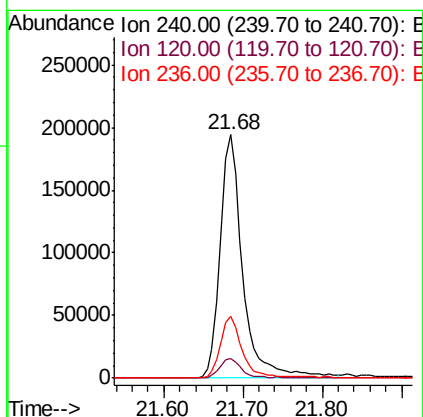
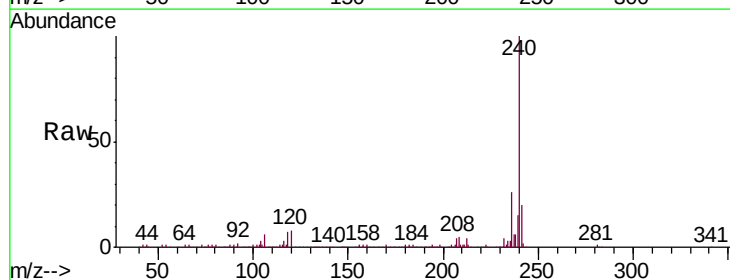
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

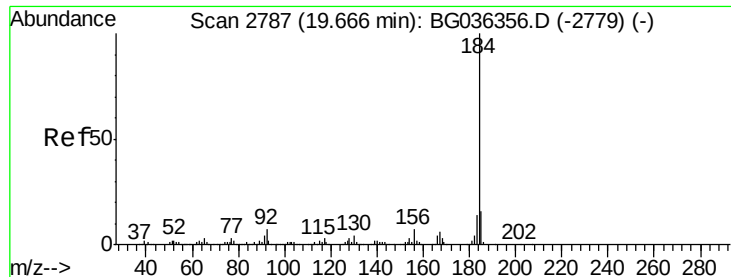
Tgt Ion:188 Resp: 375537
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

Tgt Ion:240 Resp: 385935
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.5 21.2 31.8





#76

Benzidine

Concen: 2.039 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

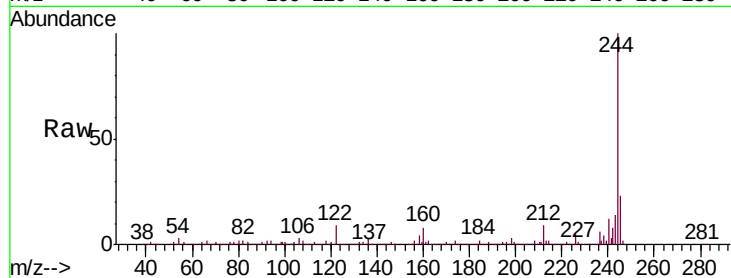
Tgt Ion:184 Resp: 25106

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

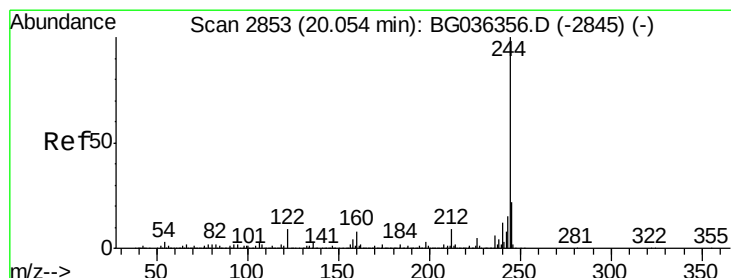
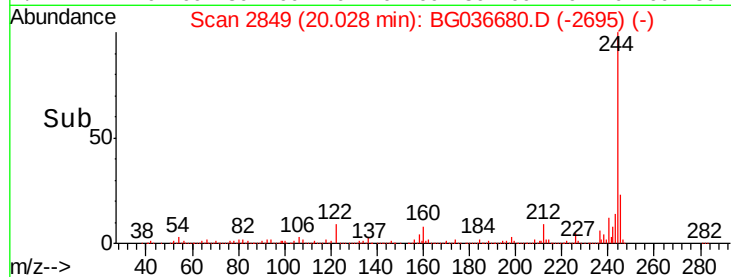
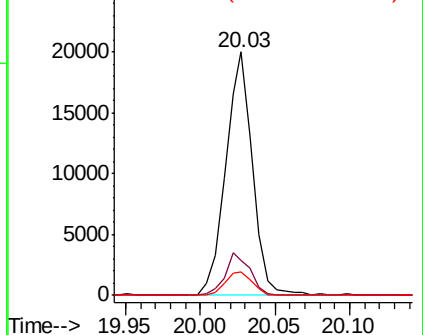
183 9.5 10.9 16.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 88.065 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036680.D

Acq: 12 Sep 2018 19:43

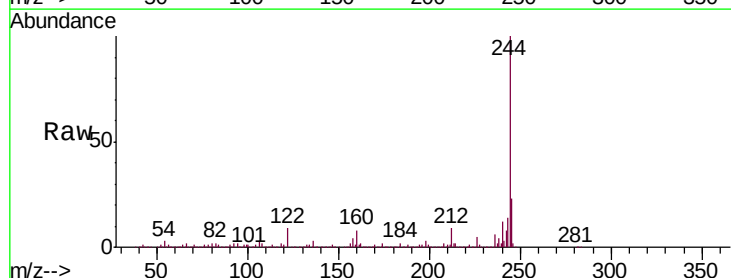
Tgt Ion:244 Resp: 1454108

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

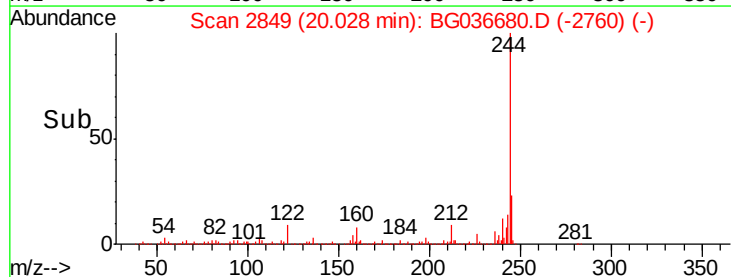
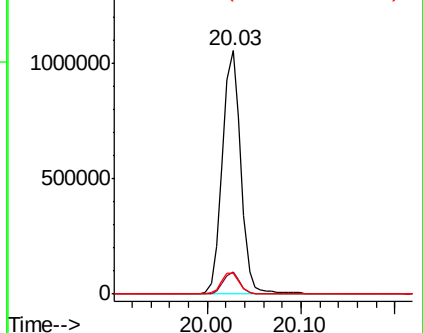
122 8.7 7.1 10.7

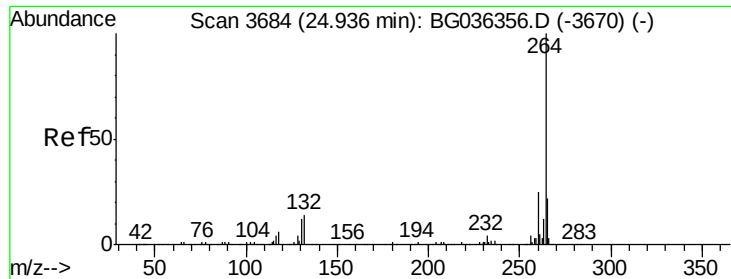


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

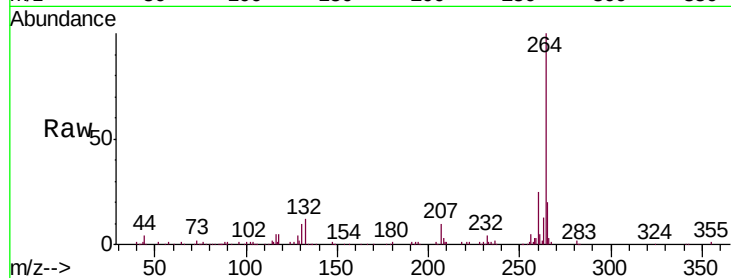
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036680.D
Acq: 12 Sep 2018 19:43

Tgt Ion:	264	Resp:	299968
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	20.3	17.4	26.0



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

