

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036665.D
 Acq On : 11 Sep 2018 20:46
 Operator : JU/SJ
 Sample : J4841-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:04:28 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

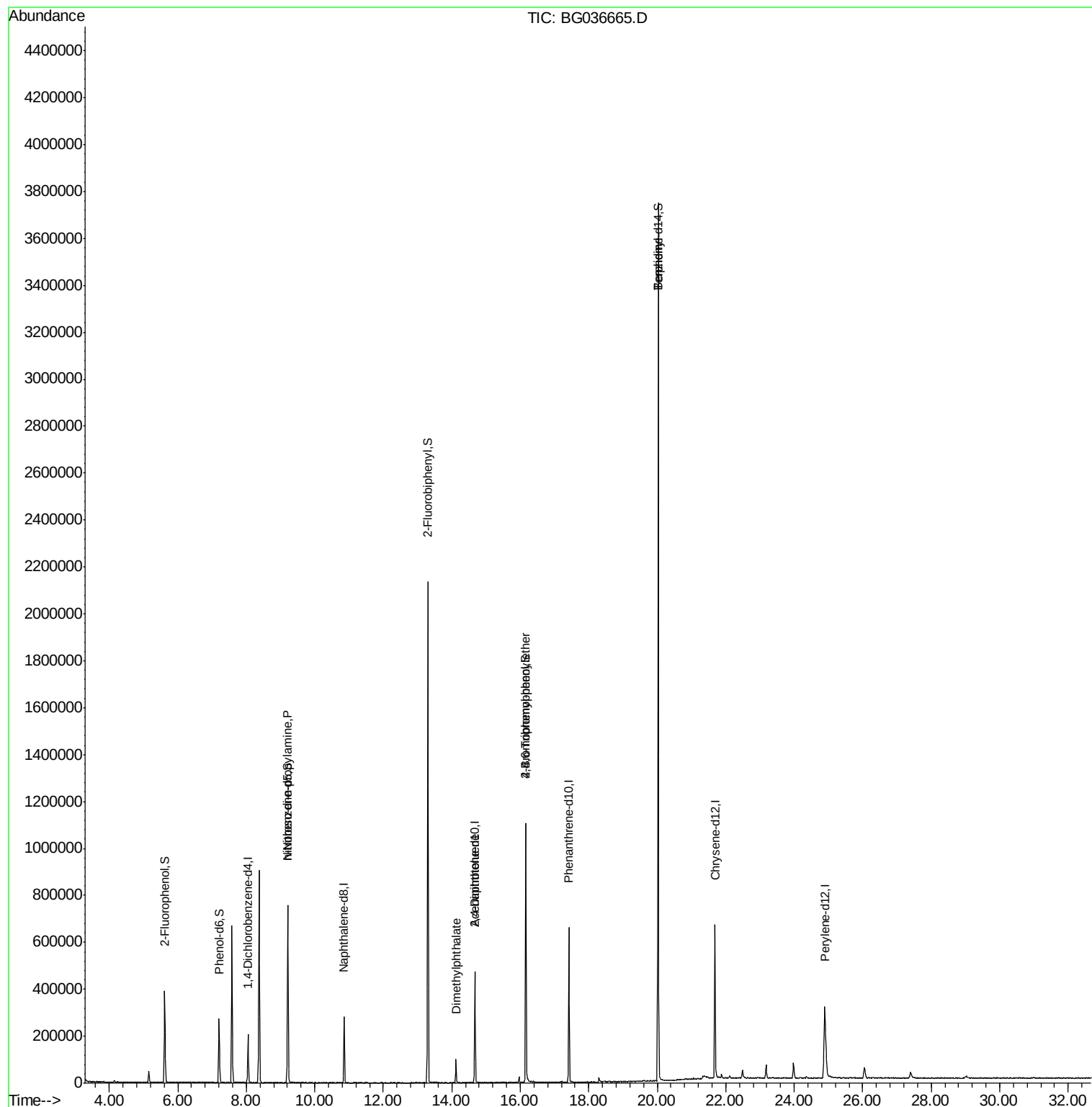
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56802	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	240108	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	161040	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	407267	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	413565	20.00	ng	-0.01
86) Perylene-d12	24.89	264	385322	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	163365	45.62	ng	0.00
7) Phenol-d6	7.21	99	160057	31.22	ng	-0.01
23) Nitrobenzene-d5	9.22	82	466413	105.39	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	209026	108.78	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1092554	96.87	ng	-0.01
78) Terphenyl-d14	20.03	244	1700225	96.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	62888	16.413	ng	Qvalue # 71
49) Dimethylphthalate	14.12	163	68521	5.211	ng	96
56) 2,4-Dinitrotoluene	14.67	165	20882	5.921	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	13937	2.923	ng	# 1
76) Benzidine	20.03	184	30096	2.281	ng	# 93

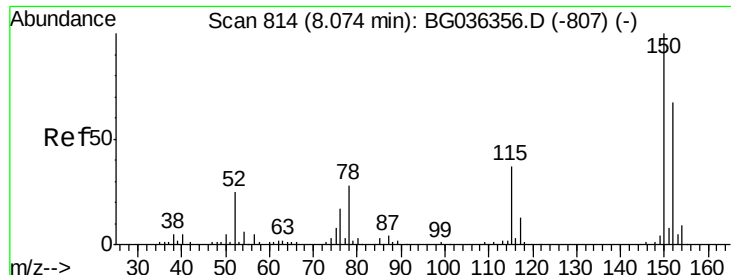
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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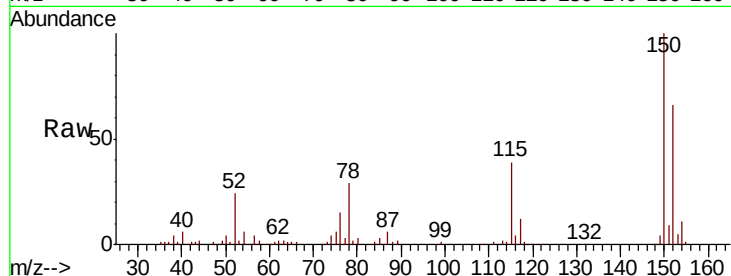


#1

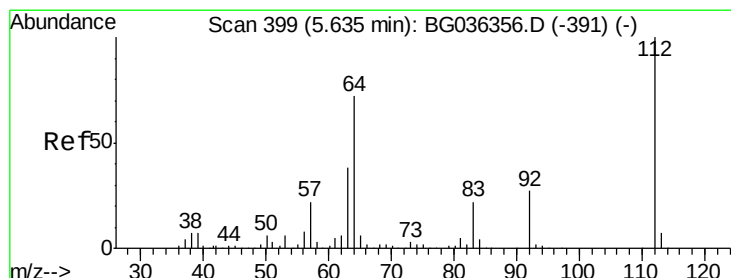
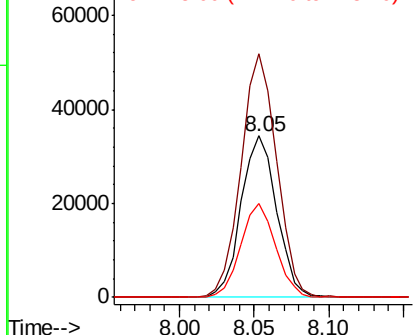
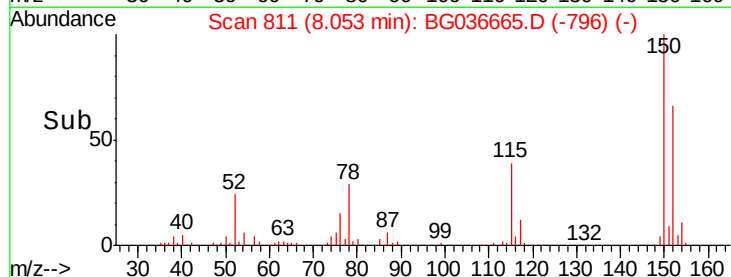
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036665.D
 Acq: 11 Sep 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 56802
 Ion Ratio Lower Upper
 152 100
 150 150.7 119.5 179.3
 115 58.3 44.5 66.7



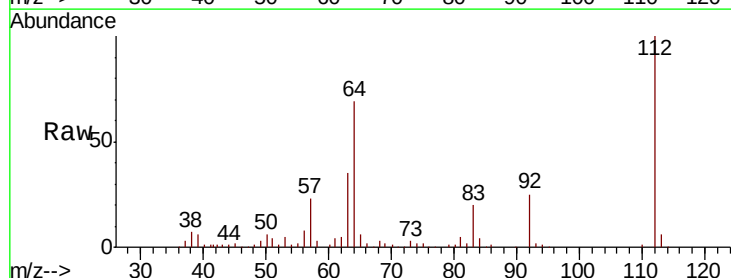
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



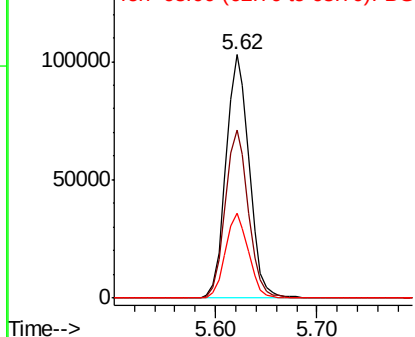
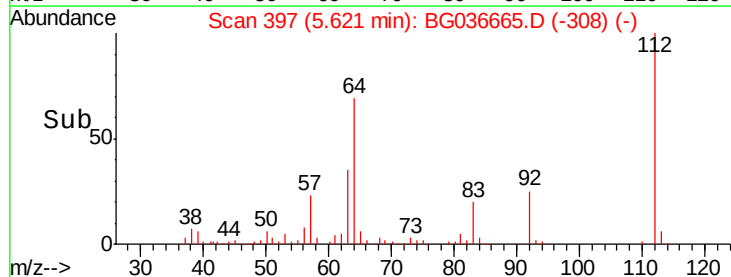
#5

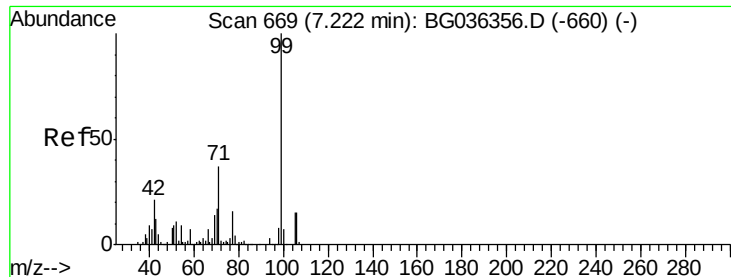
2-Fluorophenol
 Concen: 45.623 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036665.D
 Acq: 11 Sep 2018 20:46

Tgt Ion:112 Resp: 163365
 Ion Ratio Lower Upper
 112 100
 64 69.0 57.2 85.8
 63 35.1 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: 31.220 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036665.D

Acq: 11 Sep 2018 20:46

Instrument :

BNA_G

ClientSampleId :

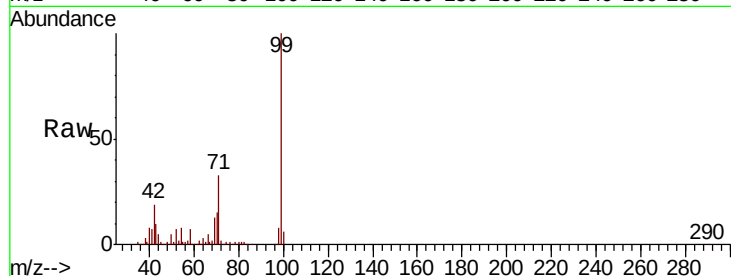
Tot Ion: 99 Resp: 160057

Ion Ratio Lower Upper

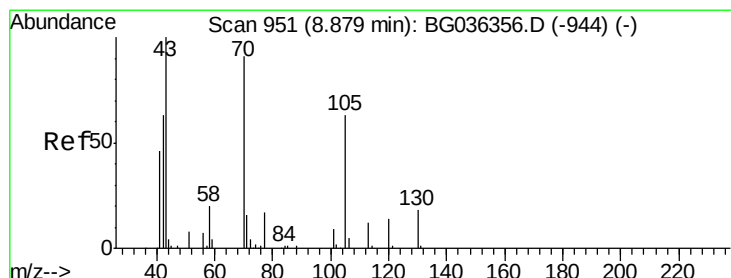
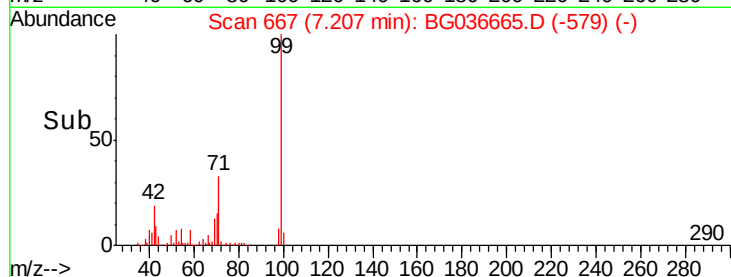
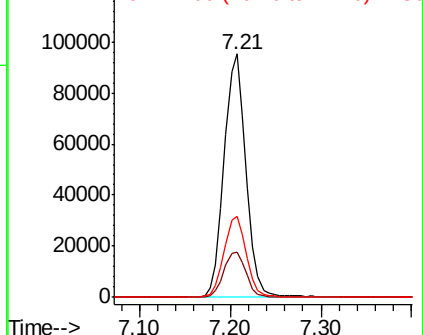
99 100

42 18.7 16.5 24.7

71 33.5 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: 16.413 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036665.D

Acq: 11 Sep 2018 20:46

Tgt Ion: 70 Resp: 62888

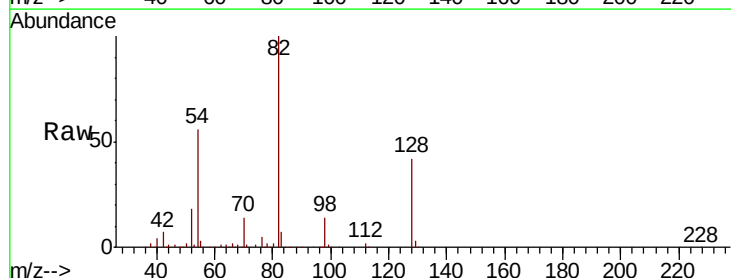
Ion Ratio Lower Upper

70 100

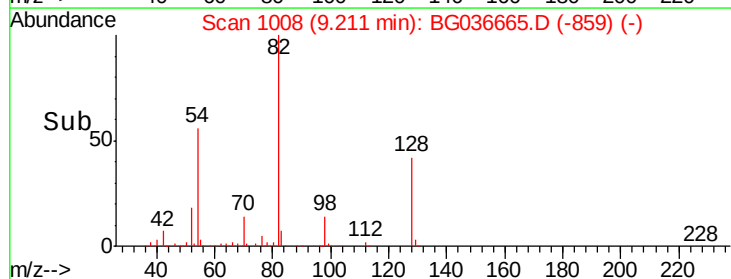
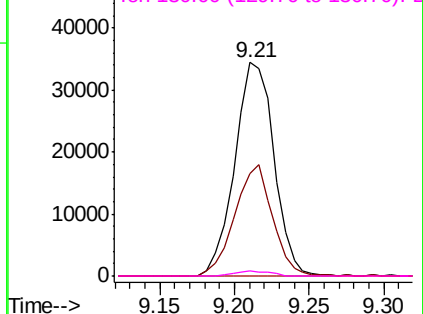
42 47.8 56.2 84.4#

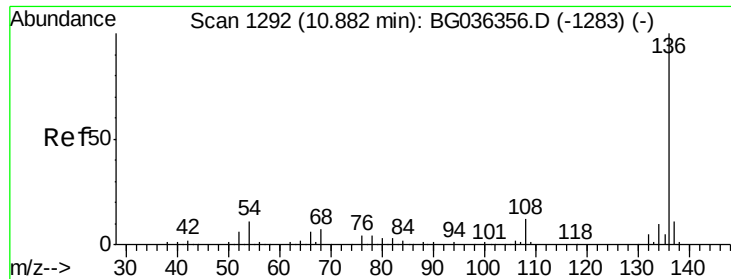
101 0.0 7.8 11.6#

130 2.5 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

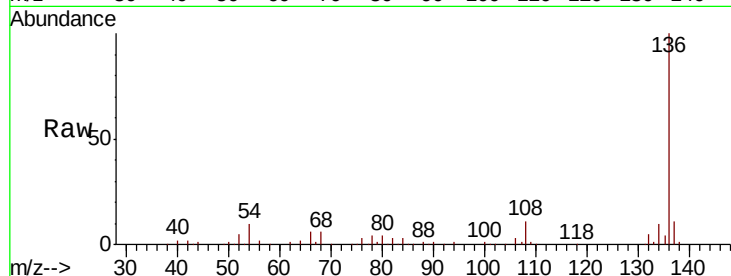




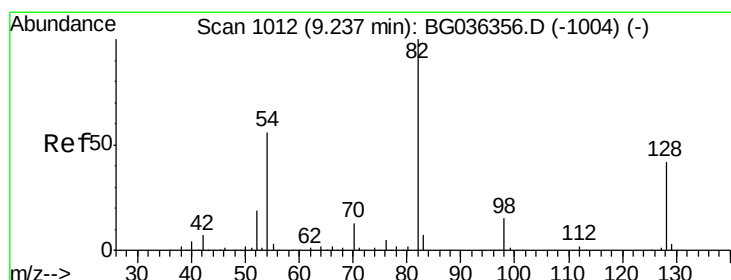
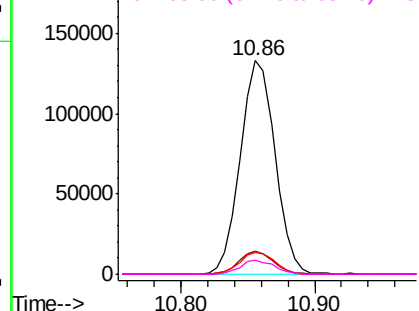
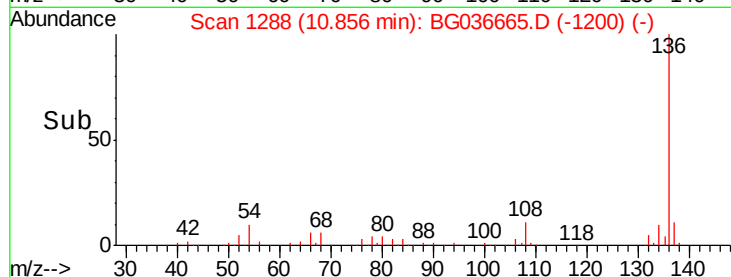
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036665.D
Acq: 11 Sep 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	240108
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	10.0	9.2 13.8
68	6.3	5.8 8.6

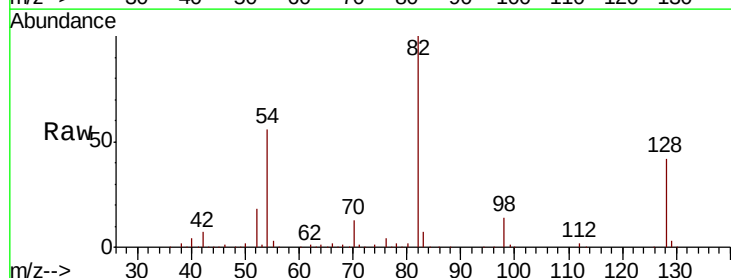


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

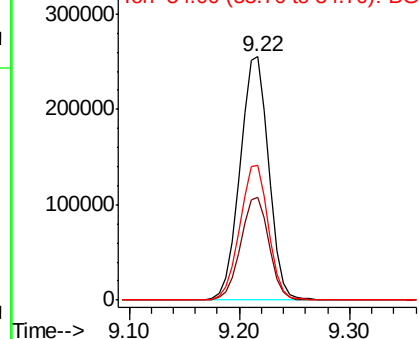
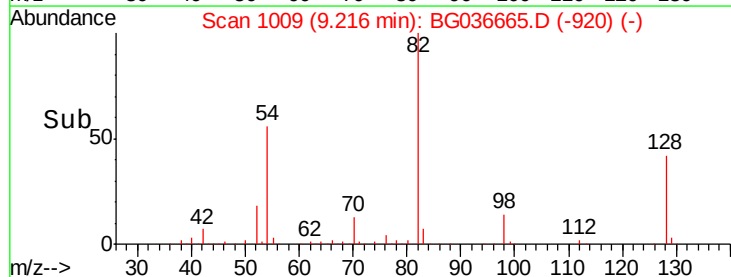


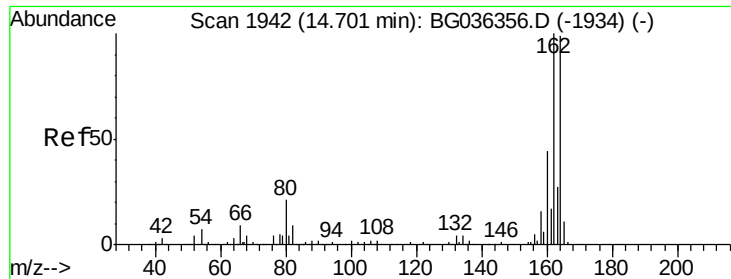
#23
Nitrobenzene-d5
Concen: 105.394 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036665.D
Acq: 11 Sep 2018 20:46

Tgt Ion: 82	Resp:	466413
Ion Ratio	Lower	Upper
82	100	
128	42.1	33.3 49.9
54	55.6	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036665.D

Acq: 11 Sep 2018 20:46

Instrument :

BNA_G

ClientSampleId :

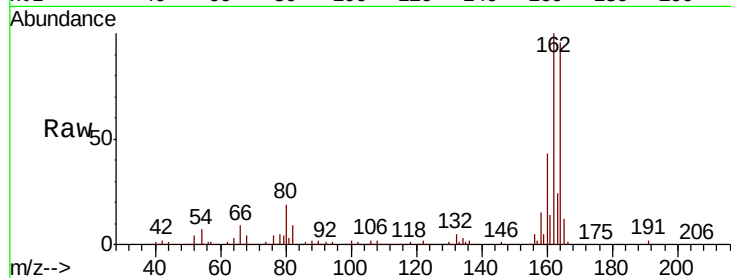
Tot Ion:164 Resp: 161040

Ion Ratio Lower Upper

164 100

162 104.5 80.7 121.1

160 45.4 35.3 52.9

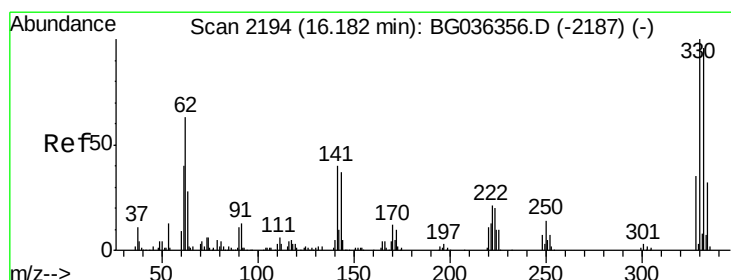
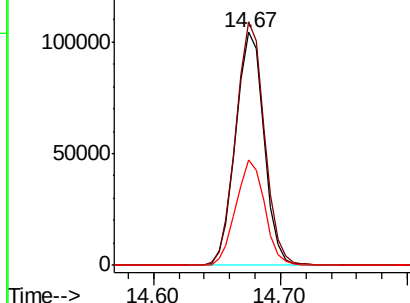
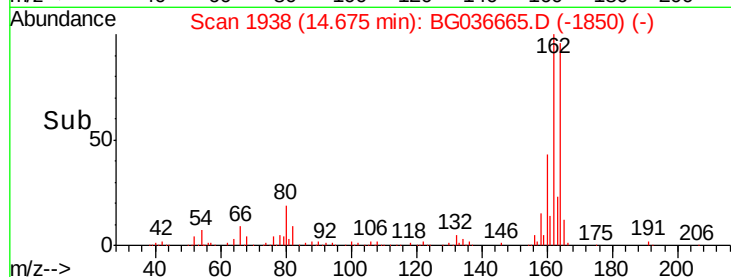


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 108.779 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036665.D

Acq: 11 Sep 2018 20:46

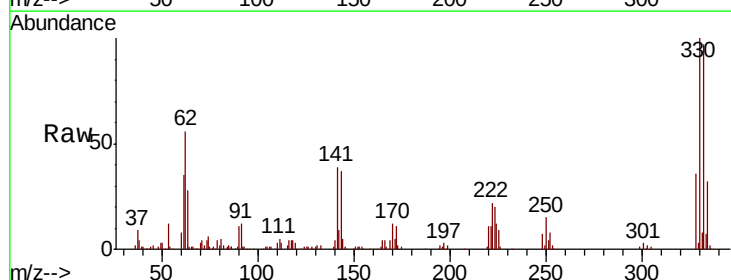
Tgt Ion:330 Resp: 209026

Ion Ratio Lower Upper

330 100

332 94.3 75.4 113.2

141 36.1 30.7 46.1

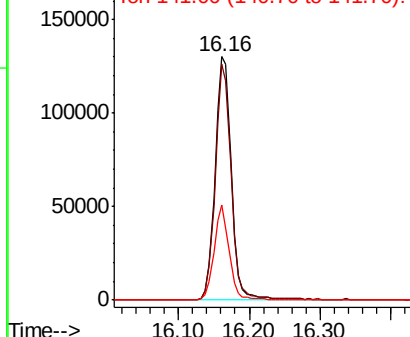
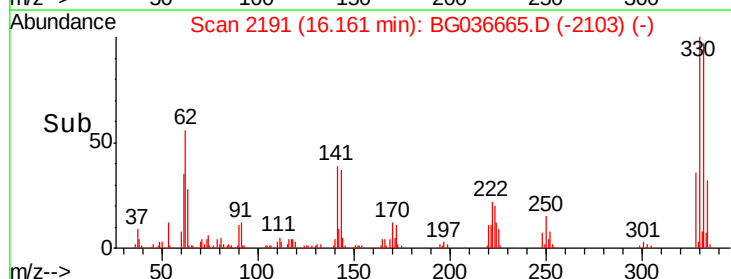


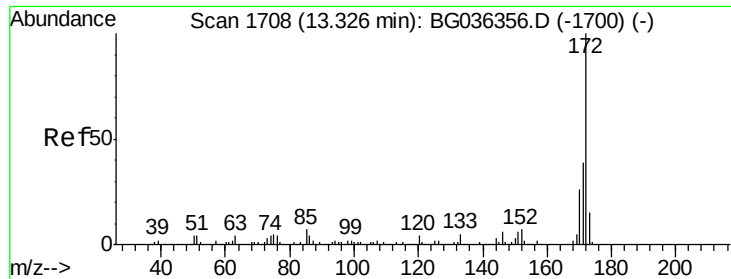
Abundance

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

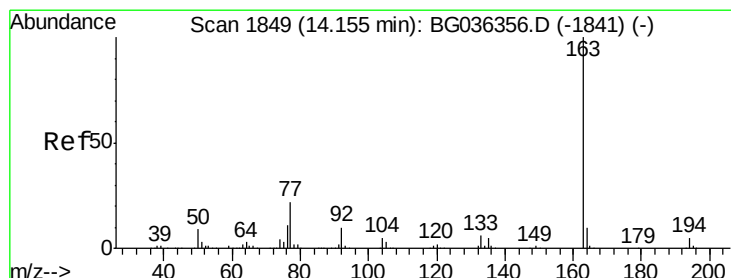
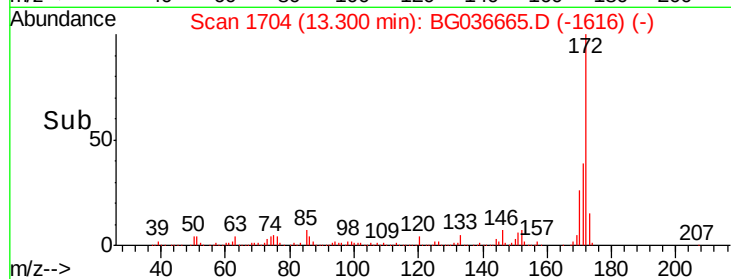
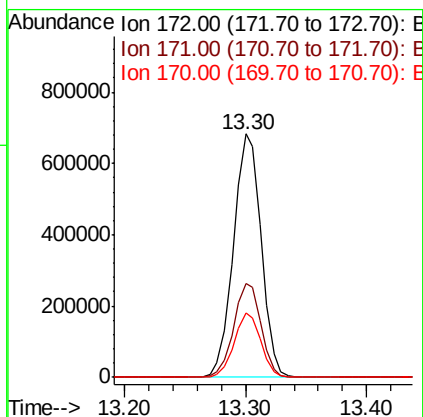
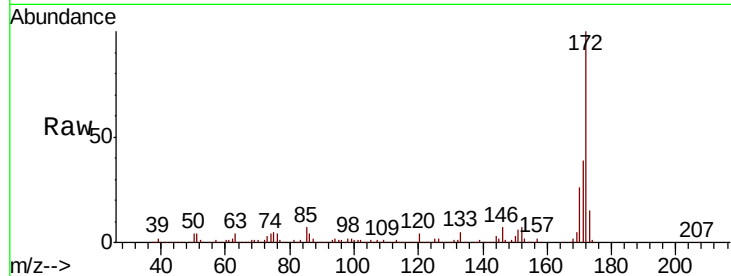




#44
2-Fluorobiphenyl
Concen: 96.868 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036665.D
Acq: 11 Sep 2018 20:46

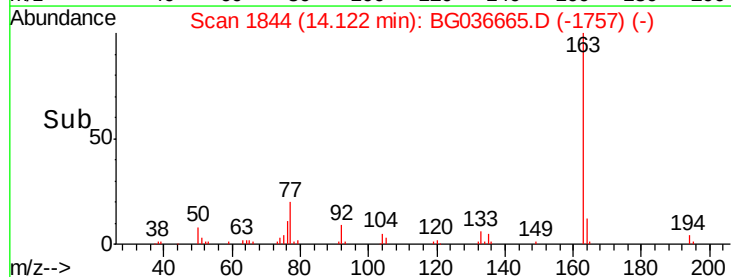
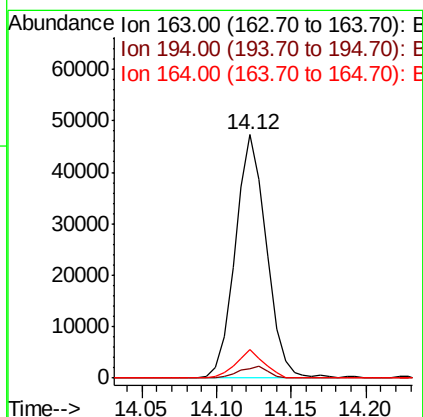
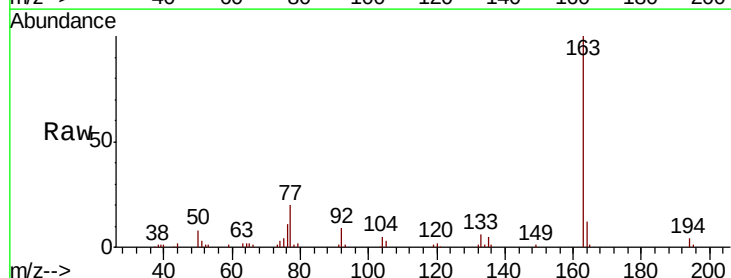
Instrument :
BNA_G
ClientSampled :

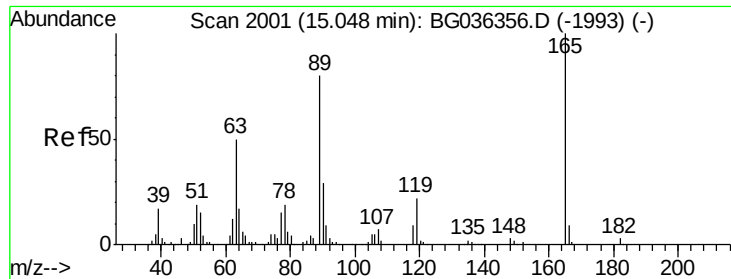
Tot Ion:172 Resp: 1092554
Ion Ratio Lower Upper
172 100
171 38.7 31.3 46.9
170 26.2 21.0 31.6



#49
Dimethylphthalate
Concen: 5.211 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036665.D
Acq: 11 Sep 2018 20:46

Tgt Ion:163 Resp: 68521
Ion Ratio Lower Upper
163 100
194 4.0 4.0 6.0
164 11.7 8.1 12.1

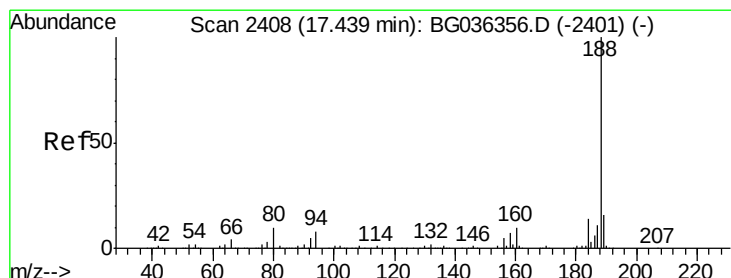
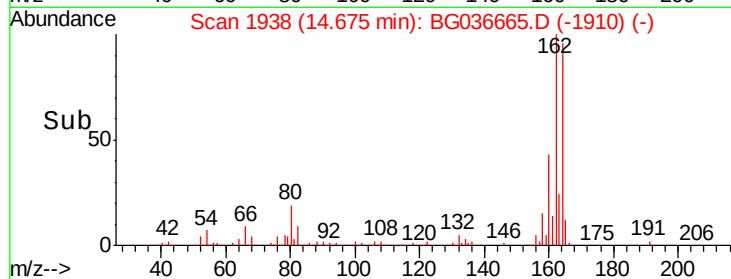
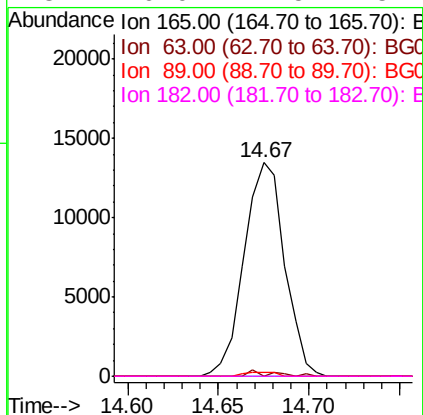
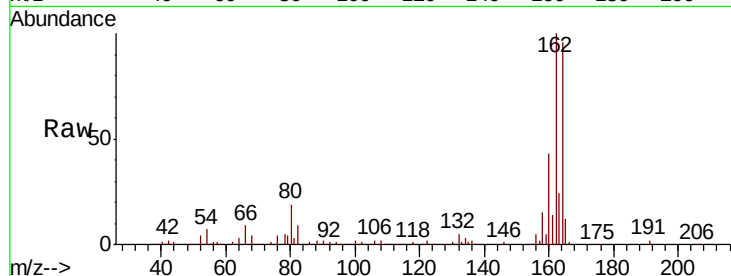




#56
 2,4-Dinitrotoluene
 Concen: 5.921 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036665.D
 Acq: 11 Sep 2018 20:46

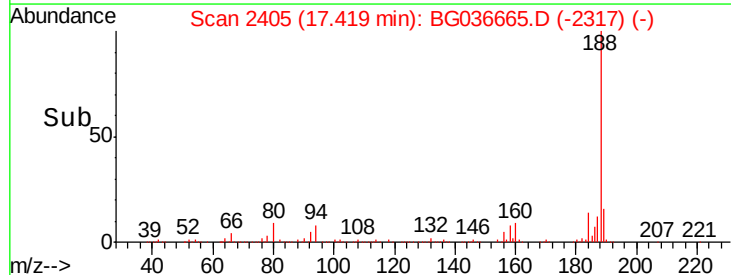
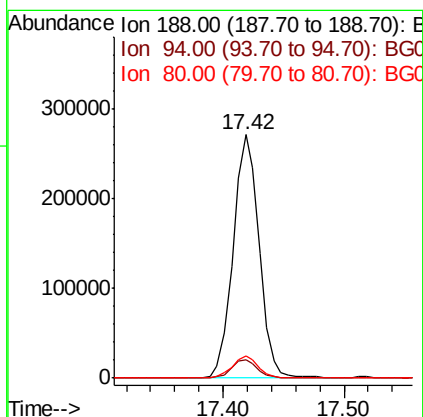
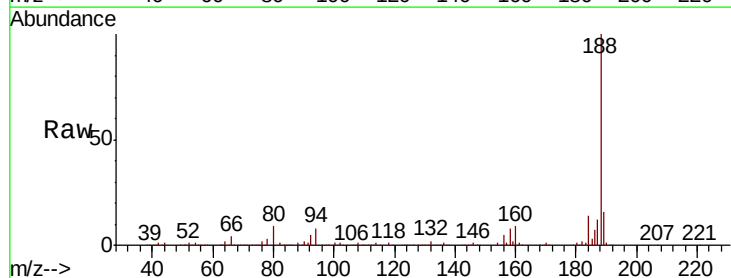
Instrument :
 BNA_G
 ClientSampleId :

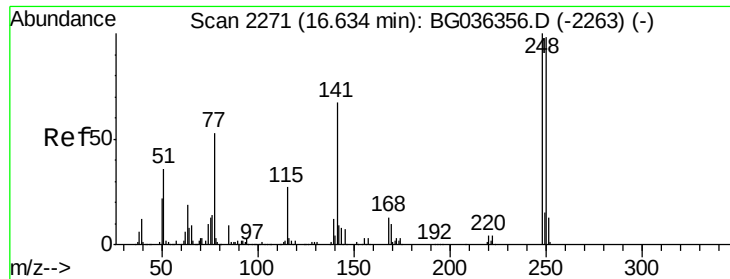
Tot Ion:	165	Resp:	20882
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036665.D
 Acq: 11 Sep 2018 20:46

Tgt Ion:	188	Resp:	407267
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.2	8.1	12.1





#66

4-Bromophenyl-phenylether

Concen: 2.923 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.46 min

Lab File: BG036665.D

Acq: 11 Sep 2018 20:46

Instrument :

BNA_G

ClientSampleId :

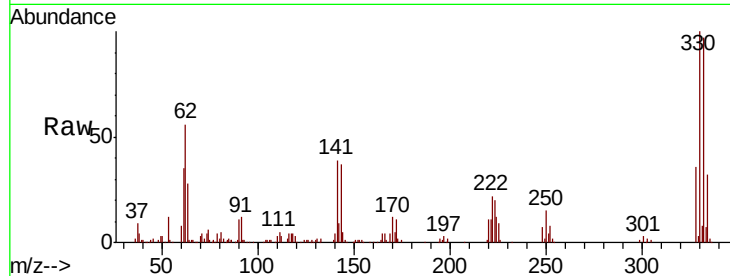
Tot Ion:248 Resp: 13937

Ion Ratio Lower Upper

248 100

250 195.5 78.1 117.1#

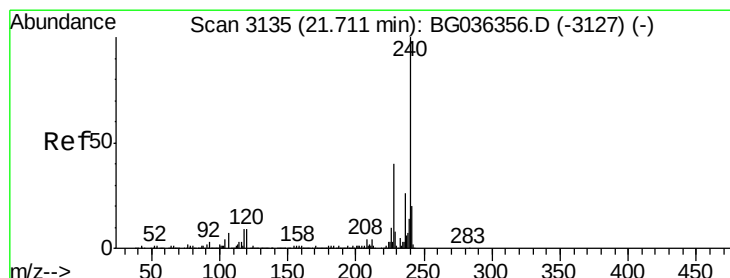
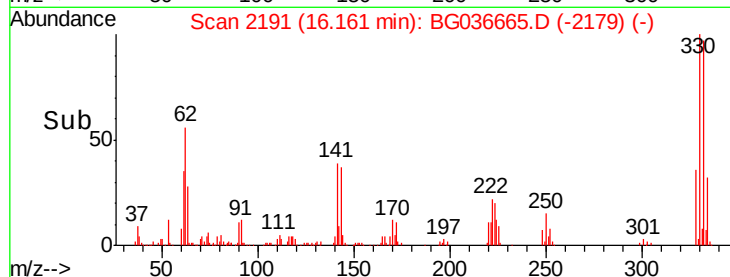
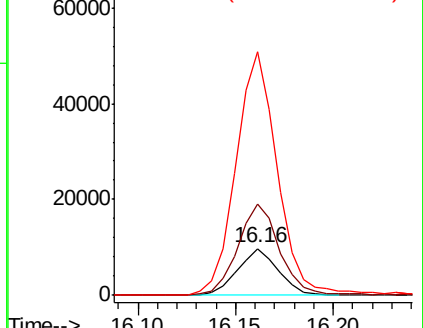
141 520.7 53.7 80.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036665.D

Acq: 11 Sep 2018 20:46

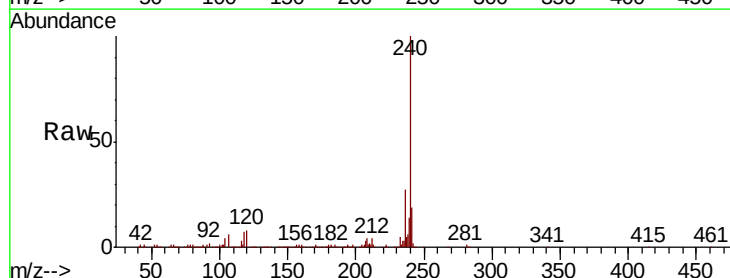
Tgt Ion:240 Resp: 413565

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

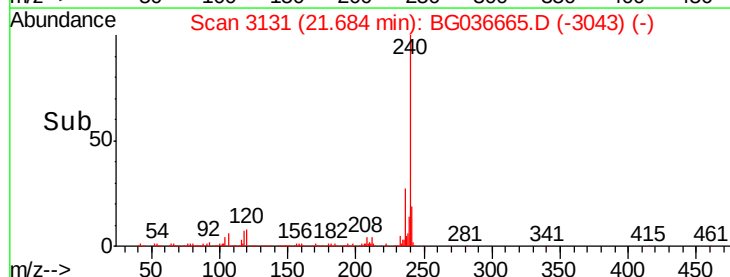
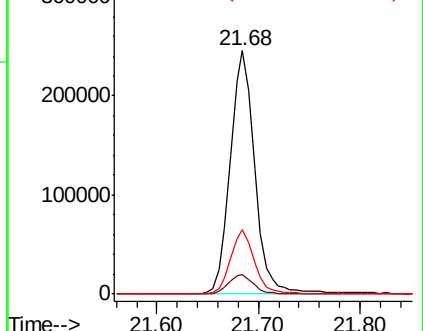
236 26.6 21.2 31.8

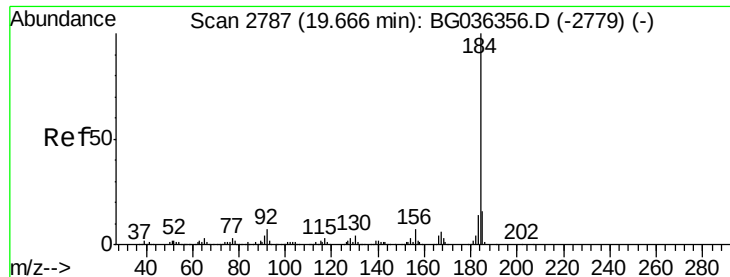


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.281 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036665.D

Acq: 11 Sep 2018 20:46

Instrument :

BNA_G

ClientSampleId :

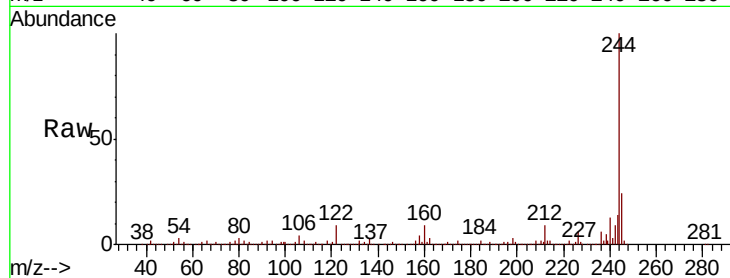
Tot Ion:184 Resp: 30096

Ion Ratio Lower Upper

184 100

185 18.3 12.6 18.8

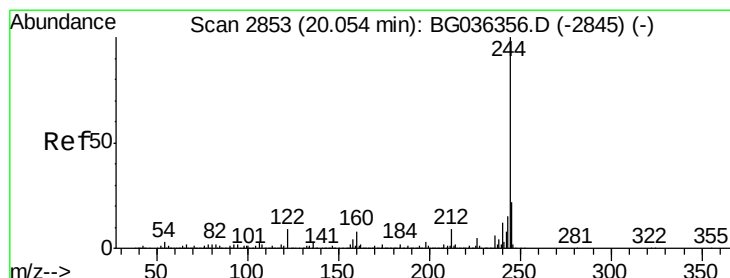
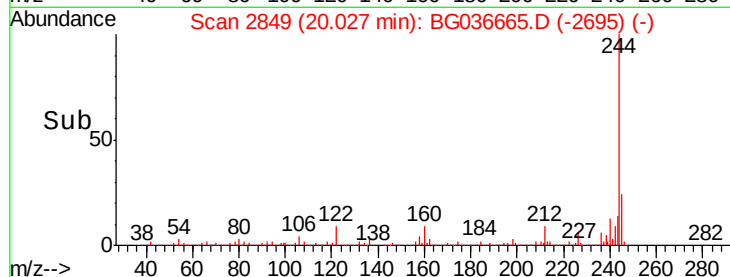
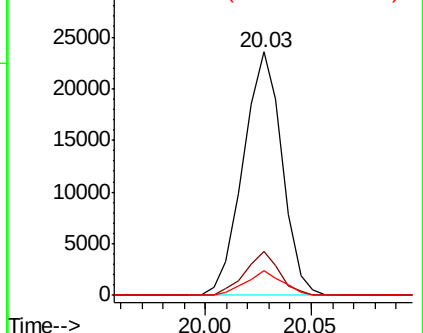
183 10.1 10.9 16.3#



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: 96.091 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036665.D

Acq: 11 Sep 2018 20:46

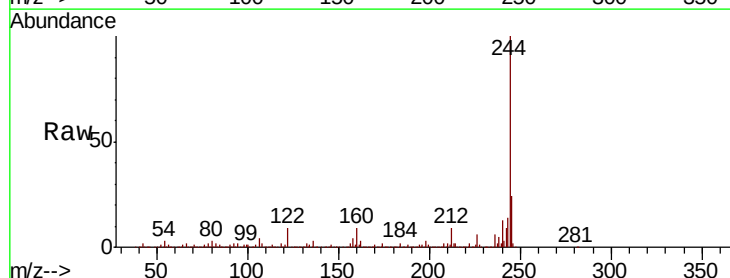
Tgt Ion:244 Resp: 1700225

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

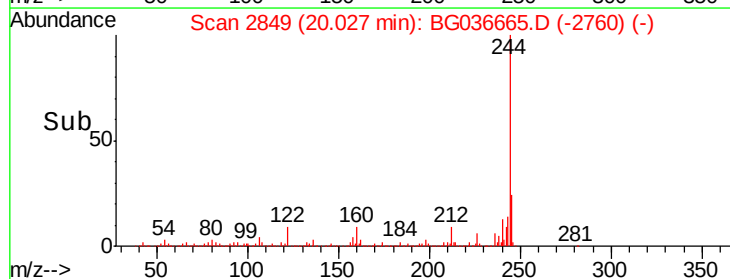
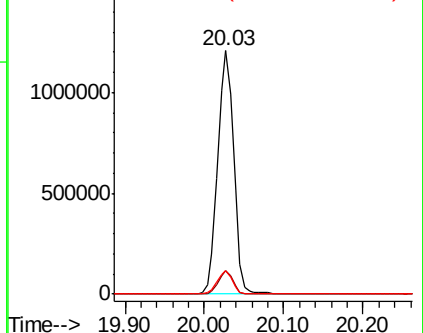
122 9.5 7.1 10.7

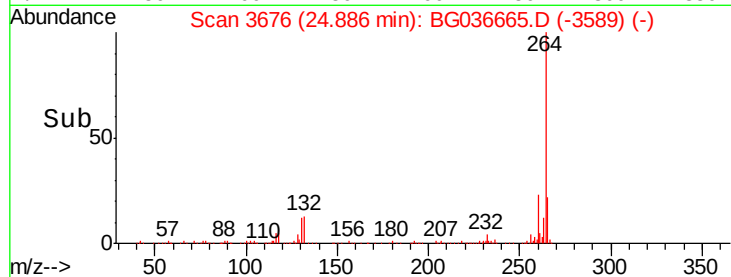
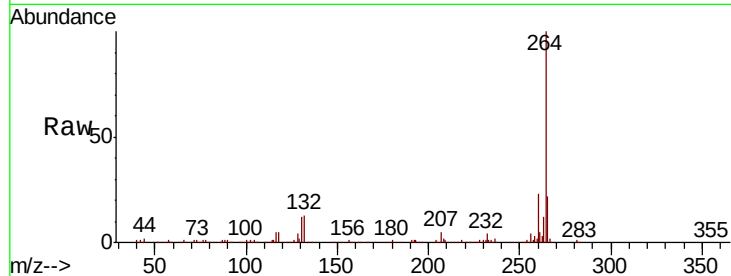
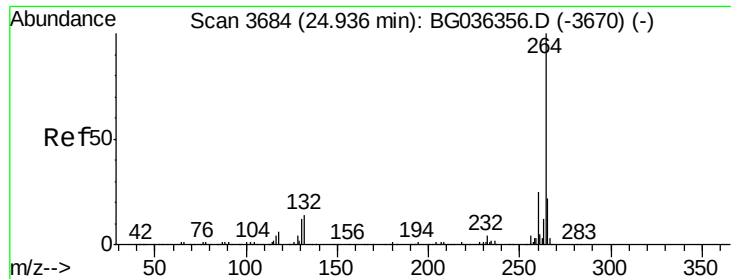


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036665.D
Acq: 11 Sep 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	21.9	17.4	26.0

