

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036063.D
 Acq On : 2 Aug 2018 16:49
 Operator : JU/SJ
 Sample : J4262-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-02

Quant Time: Aug 02 18:39:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

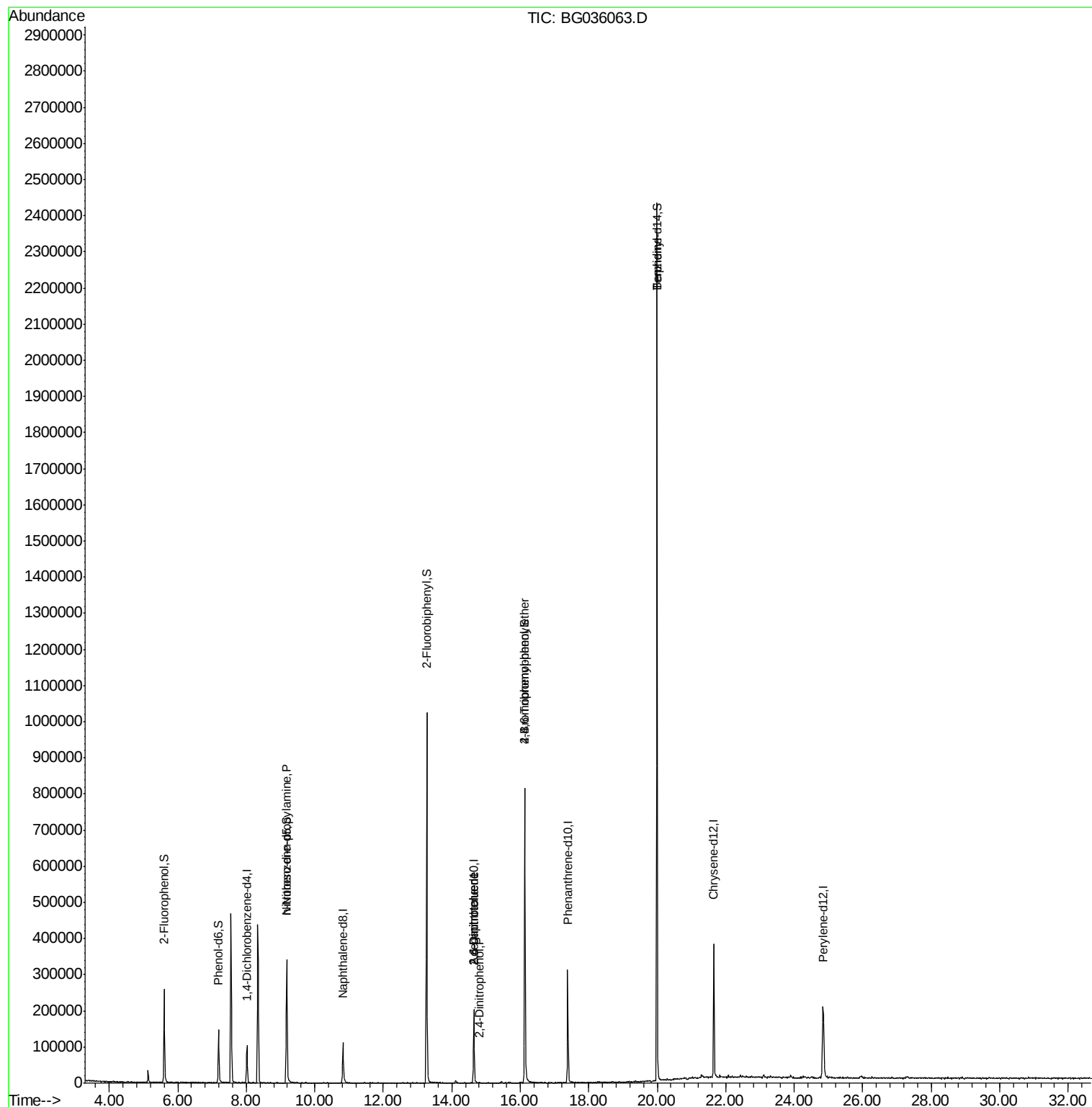
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29065	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	108486	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	78964	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	219096	20.00	ng	0.00
75) Chrysene-d12	21.65	240	242786	20.00	ng	0.00
86) Perylene-d12	24.84	264	226078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	116575	66.59	ng	0.00
7) Phenol-d6	7.19	99	101343	38.80	ng	0.00
23) Nitrobenzene-d5	9.18	82	245985	94.72	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	164546	158.10	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	579313	98.29	ng	0.00
78) Terphenyl-d14	20.00	244	1110538	100.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	34050	15.481	ng	# 66
50) 2,6-Dinitrotoluene	14.65	165	11002	7.809	ng	# 24
53) 2,4-Dinitrophenol	14.80	184	98	6.706	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	11002	5.443	ng	# 21
66) 4-Bromophenyl-phenylether	16.13	248	12840	5.051	ng	# 1
76) Benzidine	20.00	184	20686	3.241	ng	# 87

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
Data File : BG036063.D
Acq On : 2 Aug 2018 16:49
Operator : JU/SJ
Sample : J4262-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-02

Quant Time: Aug 02 18:39:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



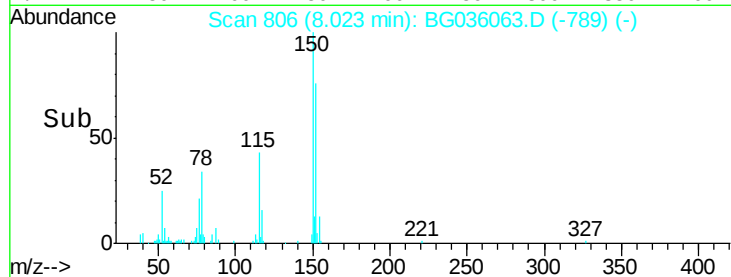
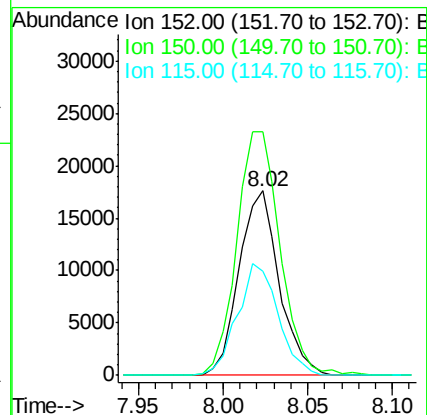
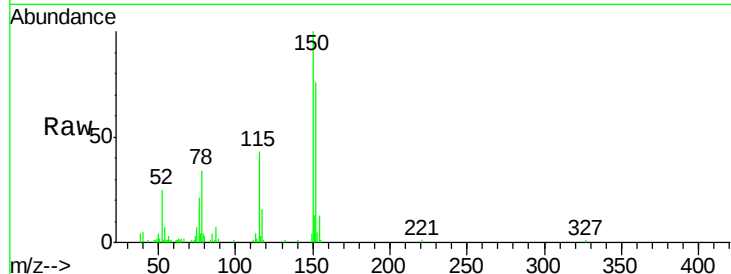


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 GW-02

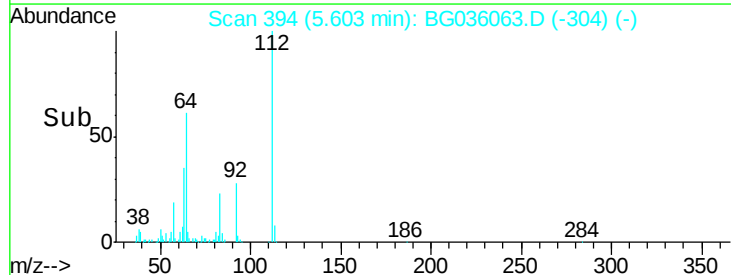
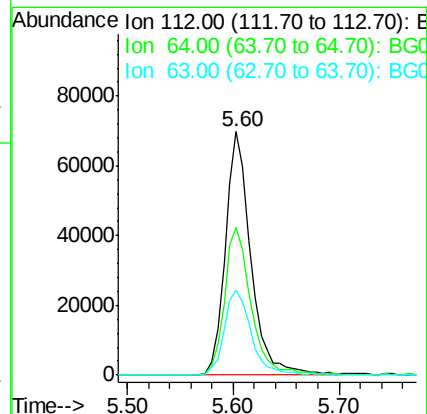
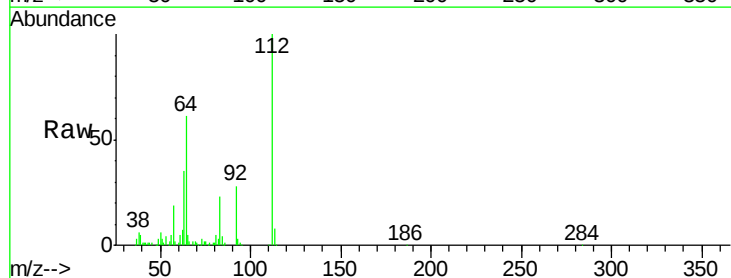
Tgt Ion:152 Resp: 29065
 Ion Ratio Lower Upper
 152 100
 150 132.0 126.6 189.8
 115 56.3 53.0 79.4

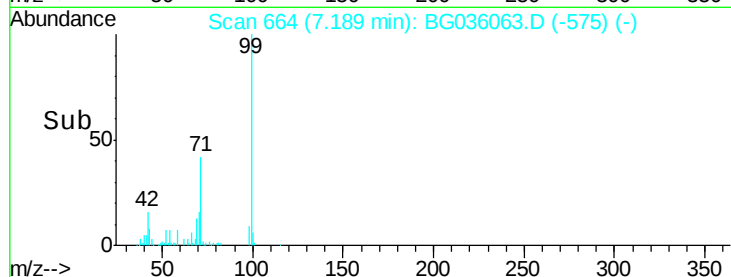
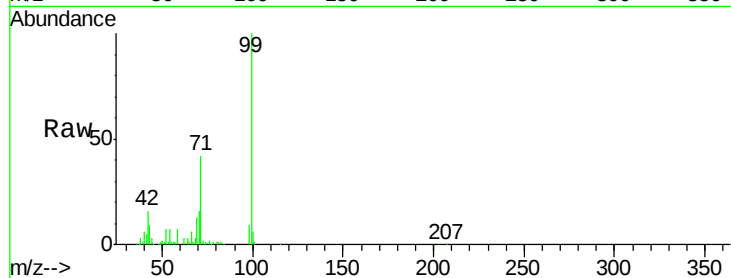
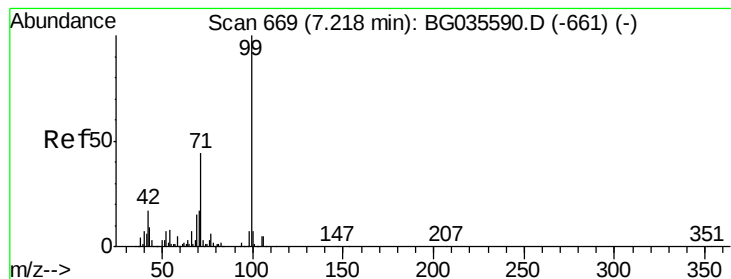


#5

2-Fluorophenol
 Concen: 66.589 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Tgt Ion:112 Resp: 116575
 Ion Ratio Lower Upper
 112 100
 64 60.9 56.3 84.5
 63 35.0 30.1 45.1





#7

Phenol-d6

Concen: 38.800 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

Instrument :

BNA_G

ClientSampleId :

GW-02

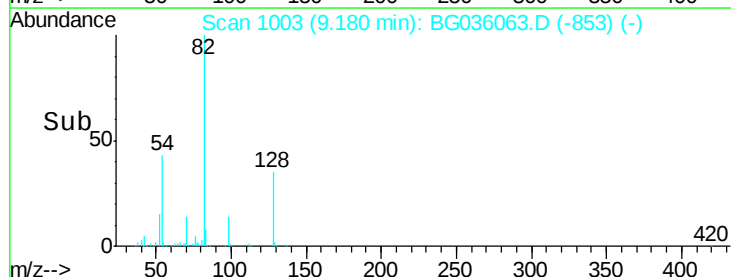
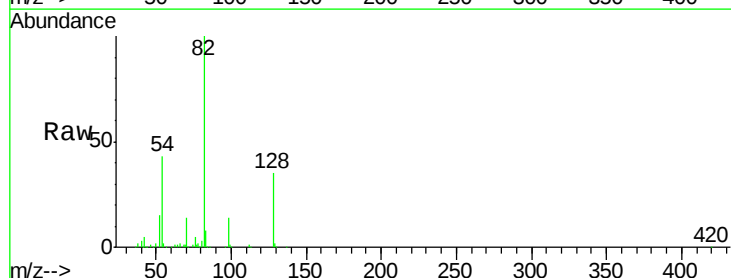
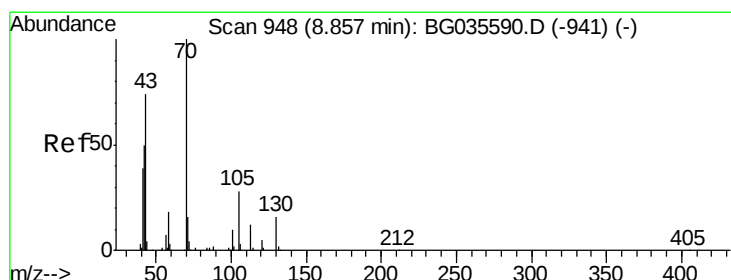
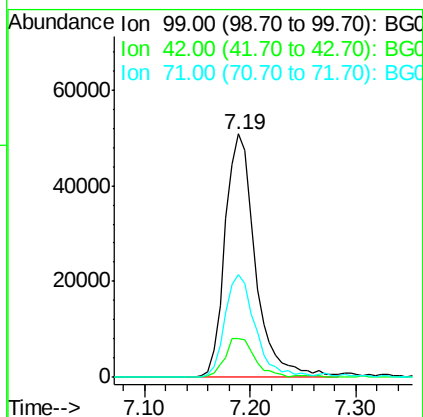
Tgt Ion: 99 Resp: 101343

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 42.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.481 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

Tgt Ion: 70 Resp: 34050

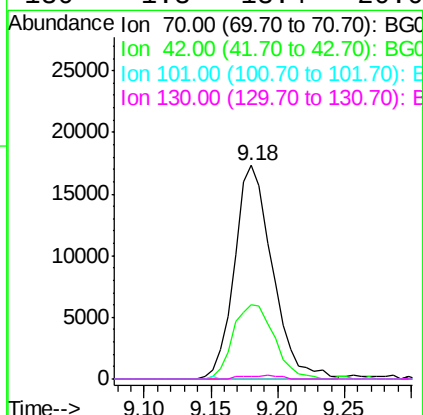
Ion Ratio Lower Upper

70 100

42 34.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#

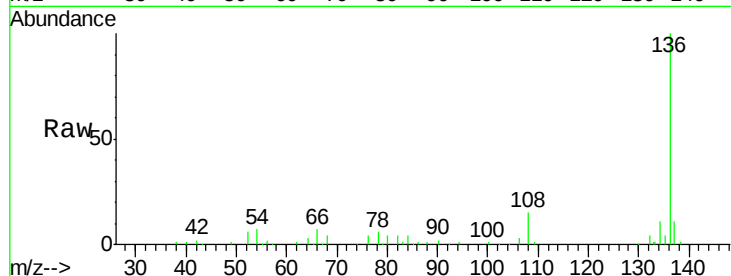




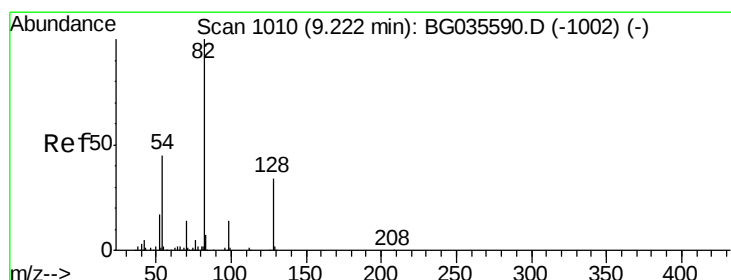
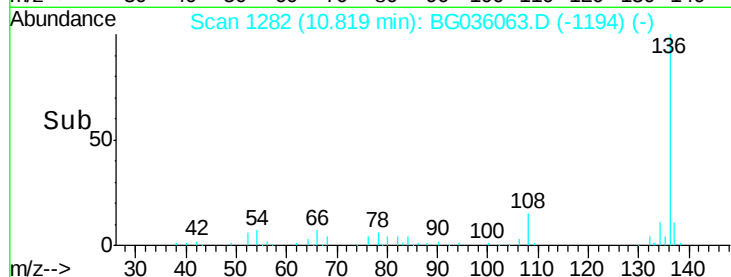
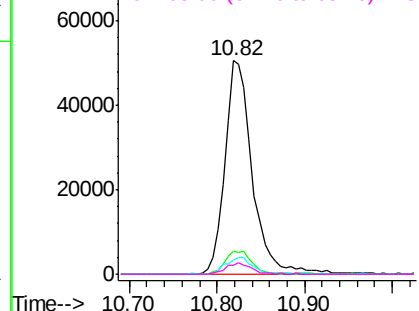
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036063.D
Acq: 2 Aug 2018 16:49

Instrument :
BNA_G
ClientSampleId :
GW-02

Tgt Ion:	136	Resp:	108486
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	6.7	10.3	15.5#
68	4.3	4.5	6.7#

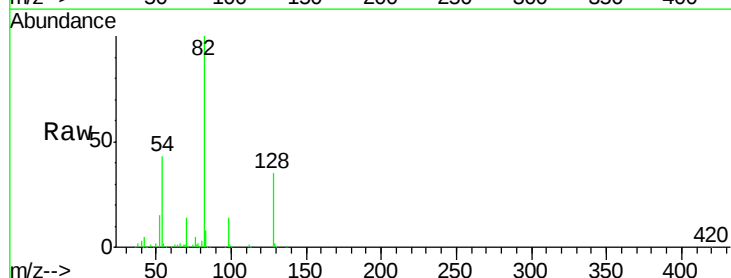


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

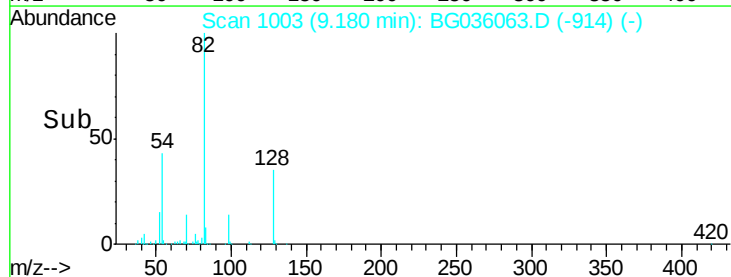
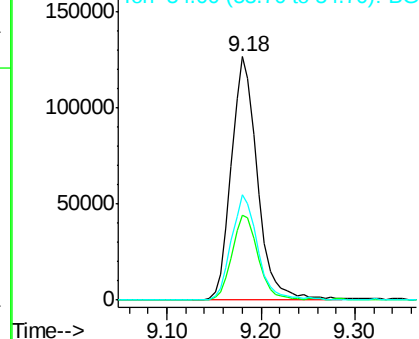


#23
Nitrobenzene-d5
Concen: 94.721 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036063.D
Acq: 2 Aug 2018 16:49

Tgt Ion:	82	Resp:	245985
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.7	44.5
54	43.2	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

Instrument :

BNA_G

ClientSampleId :

GW-02

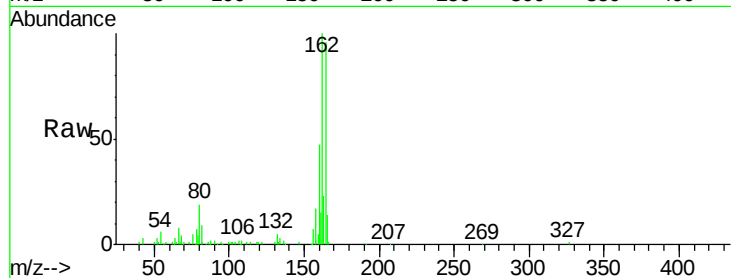
Tgt Ion:164 Resp: 78964

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

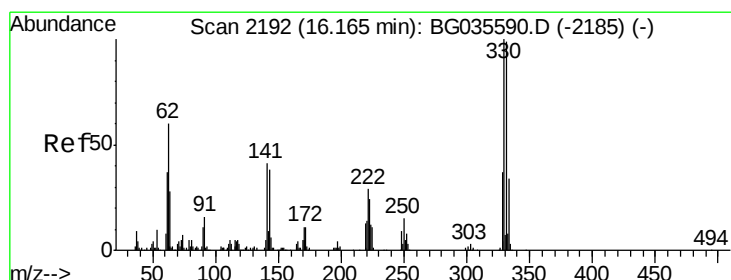
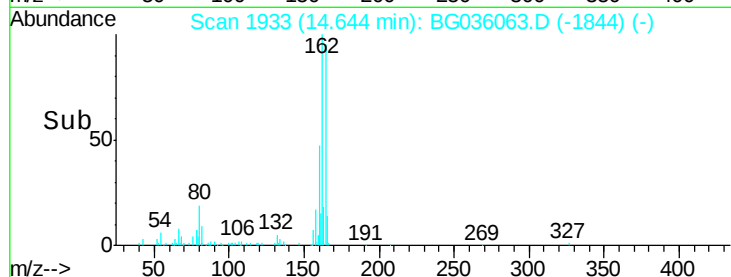
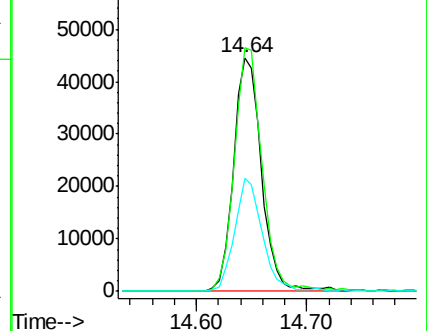
160 48.5 35.4 53.0



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: 158.096 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

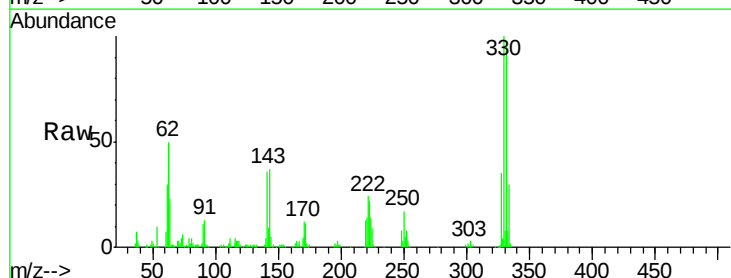
Tgt Ion:330 Resp: 164546

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

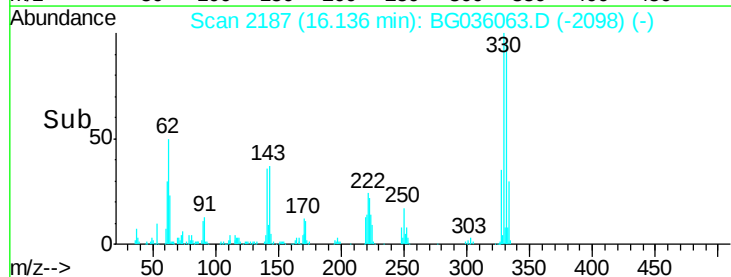
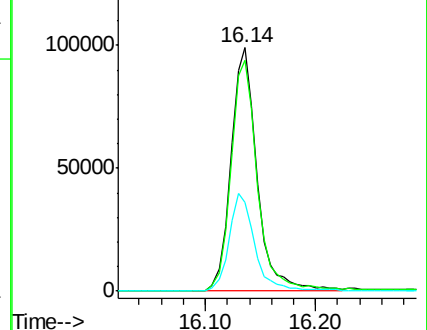
141 39.0 25.2 37.8#

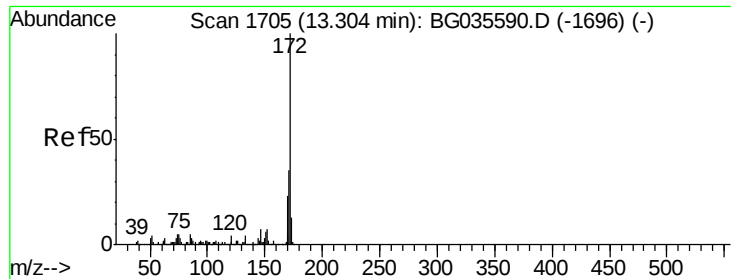


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

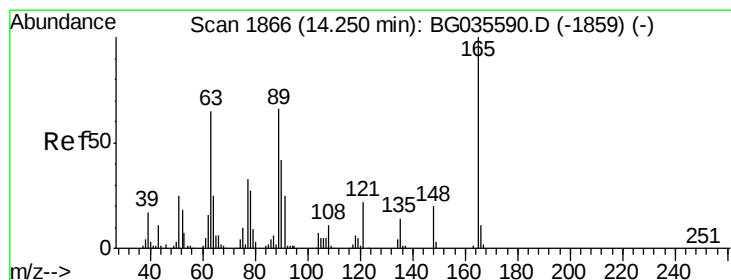
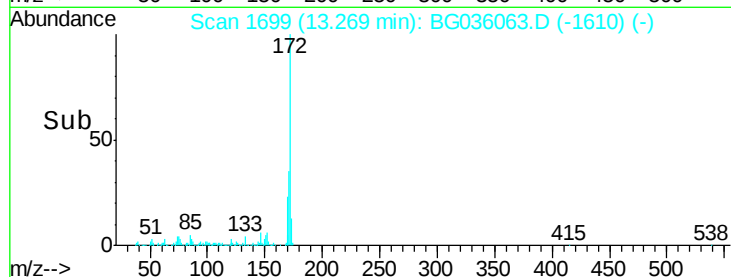
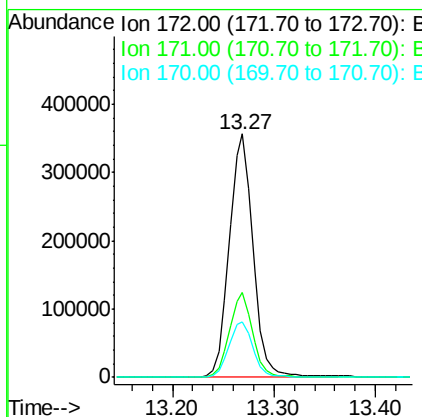
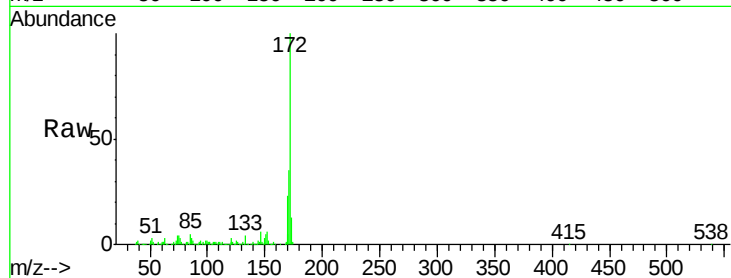




#44
2-Fluorobiphenyl
Concen: 98.289 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036063.D
Acq: 2 Aug 2018 16:49

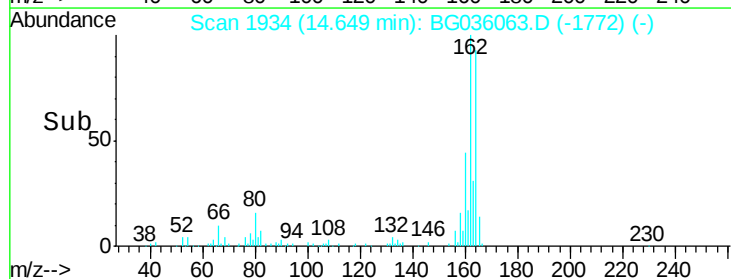
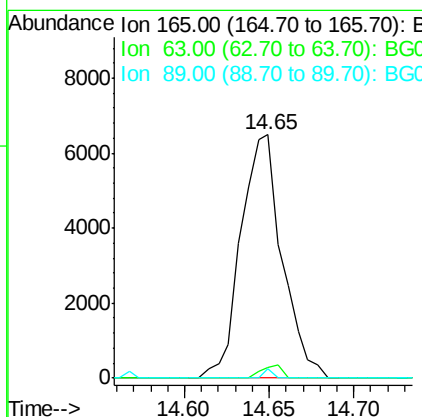
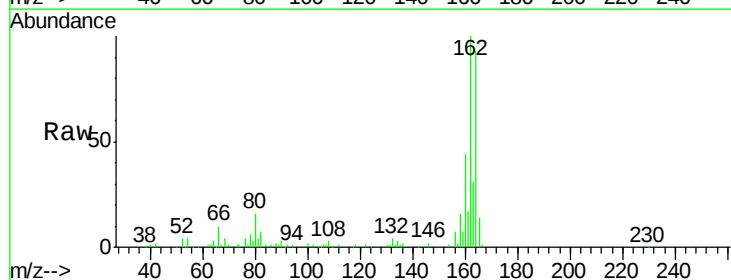
Instrument :
BNA_G
ClientSampleId :
GW-02

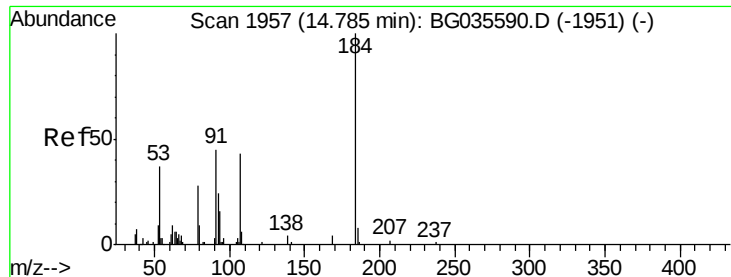
Tgt Ion:172 Resp: 579313
Ion Ratio Lower Upper
172 100
171 34.9 30.0 45.0
170 22.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.809 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG036063.D
Acq: 2 Aug 2018 16:49

Tgt Ion:165 Resp: 11002
Ion Ratio Lower Upper
165 100
63 4.4 52.7 79.1#
89 4.0 49.2 73.8#





#53

2,4-Dinitrophenol

Concen: 6.706 ng

RT: 14.80 min Scan# 1959

Delta R.T. 0.03 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

Instrument :

BNA_G

ClientSampleId :

GW-02

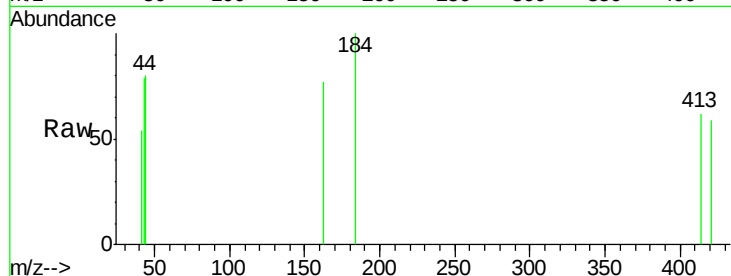
Tgt Ion:184 Resp: 98

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

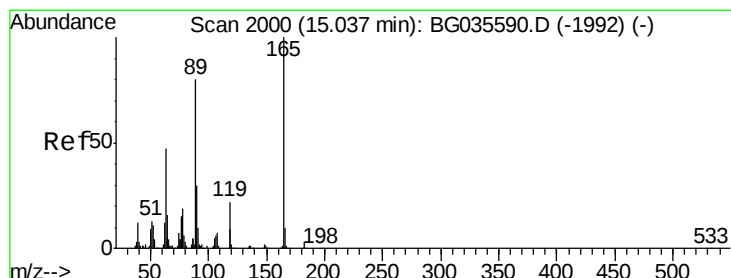
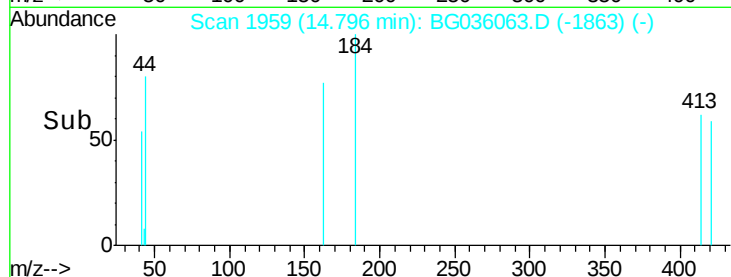
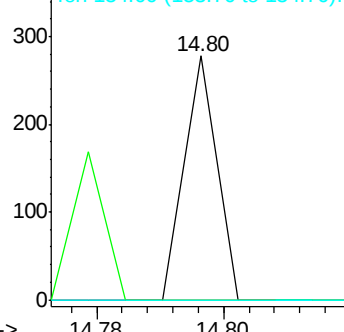
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 5.443 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.37 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

Tgt Ion:165 Resp: 11002

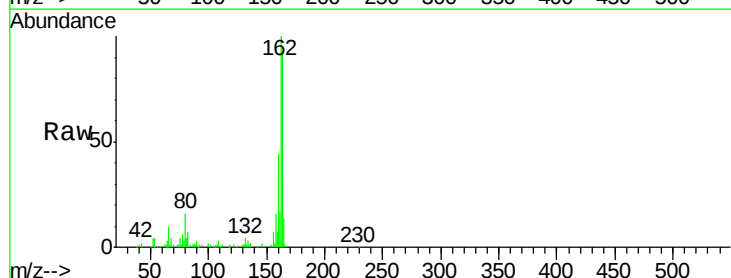
Ion Ratio Lower Upper

165 100

63 4.4 42.0 63.0#

89 4.0 66.9 100.3#

182 0.0 2.6 3.8#

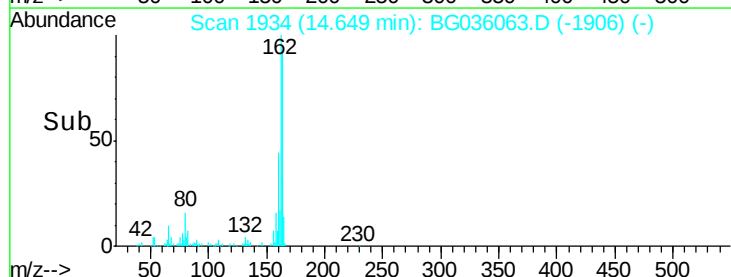
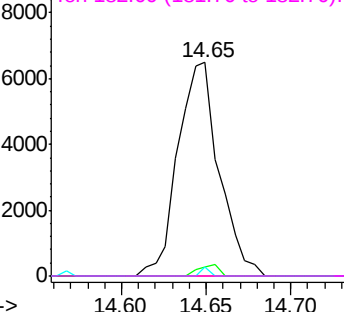


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

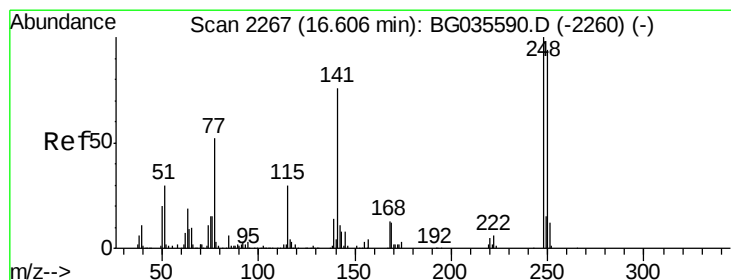
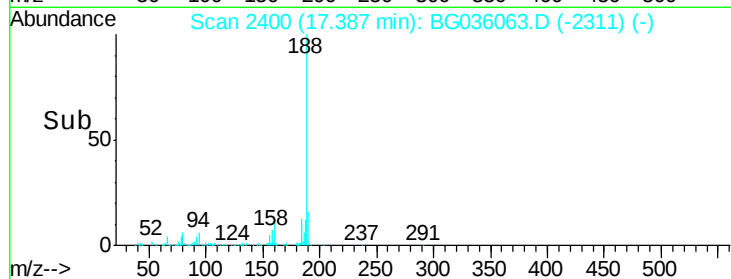
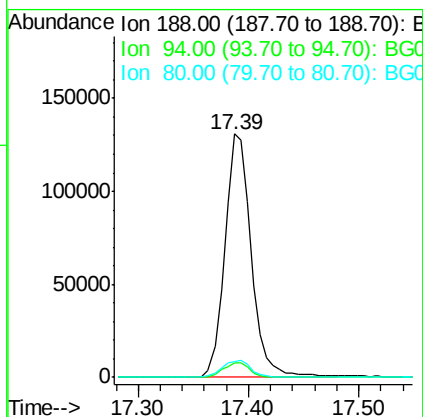
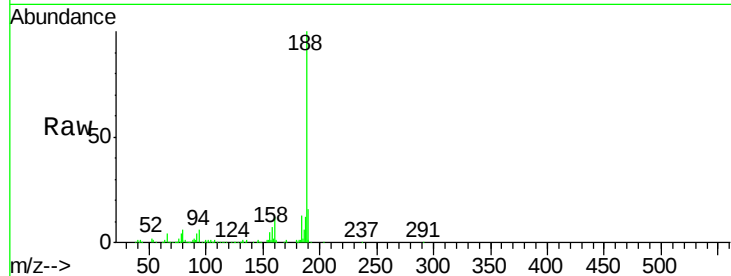




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036063.D
Acq: 2 Aug 2018 16:49

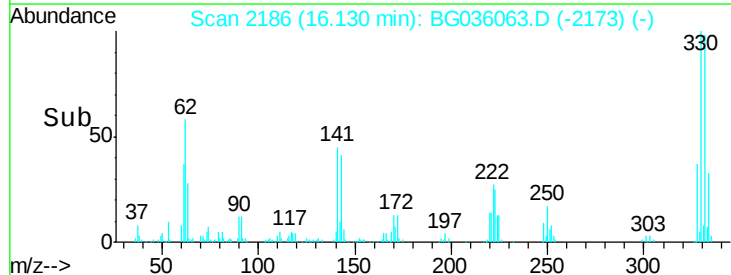
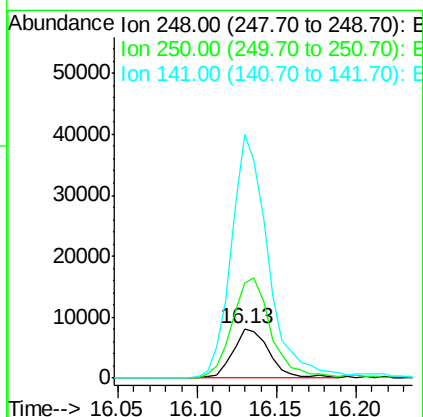
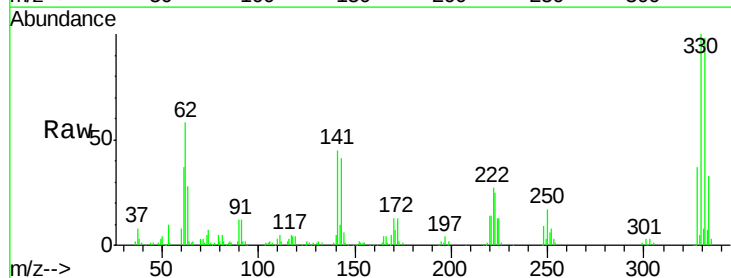
Instrument :
BNA_G
ClientSampleId :
GW-02

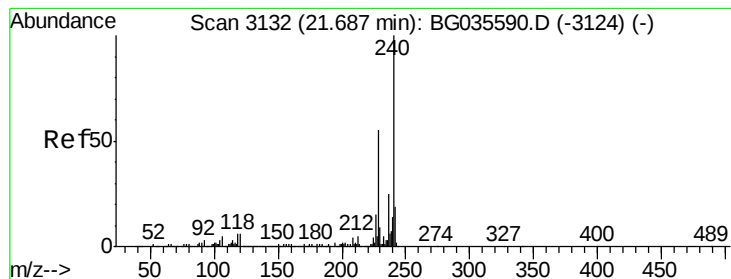
Tgt Ion:188 Resp: 219096
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.4 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.051 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.45 min
Lab File: BG036063.D
Acq: 2 Aug 2018 16:49

Tgt Ion:248 Resp: 12840
Ion Ratio Lower Upper
248 100
250 192.9 77.1 115.7#
141 496.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

Instrument :

BNA_G

ClientSampleId :

GW-02

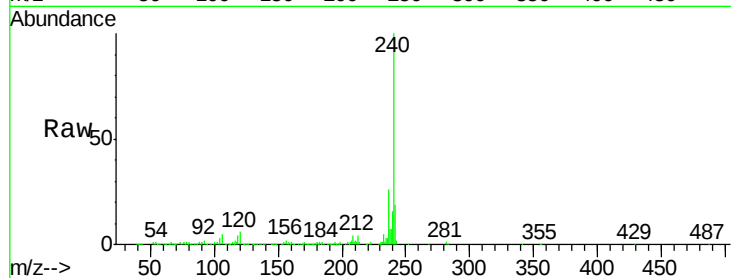
Tgt Ion:240 Resp: 242786

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

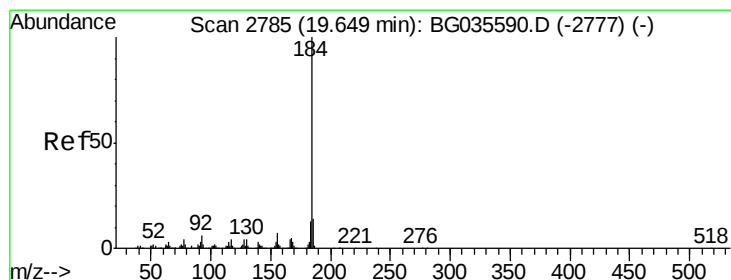
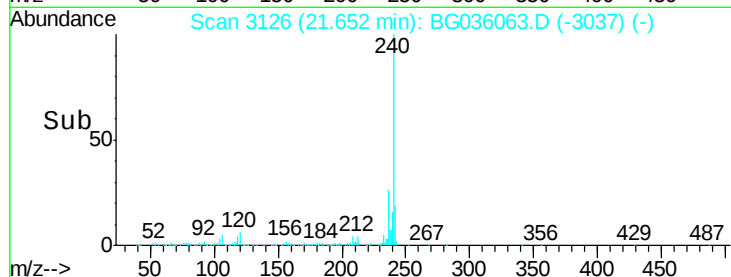
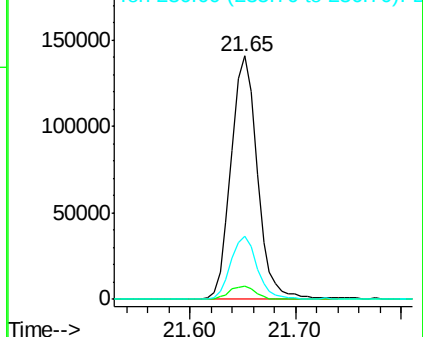
236 26.1 20.9 31.3



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: 3.241 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

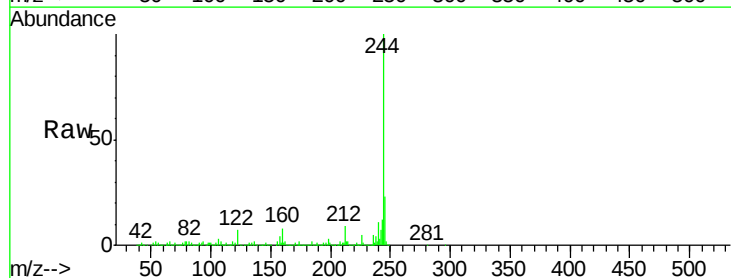
Tgt Ion:184 Resp: 20686

Ion Ratio Lower Upper

184 100

185 17.5 11.1 16.7#

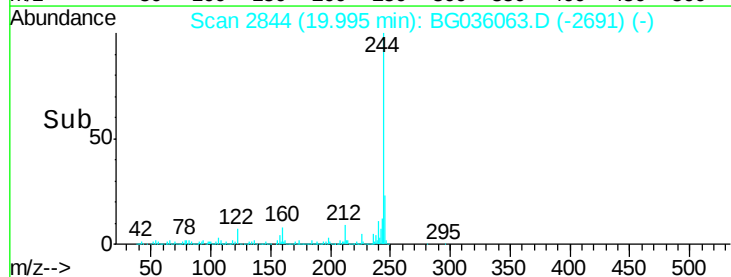
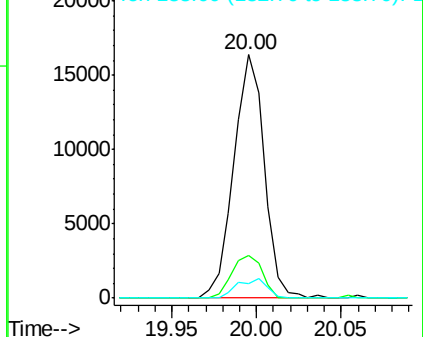
183 6.1 10.6 16.0#

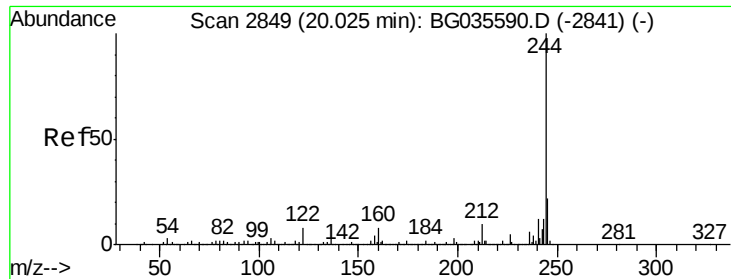


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

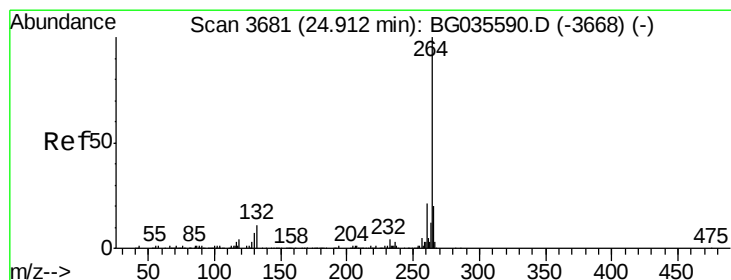
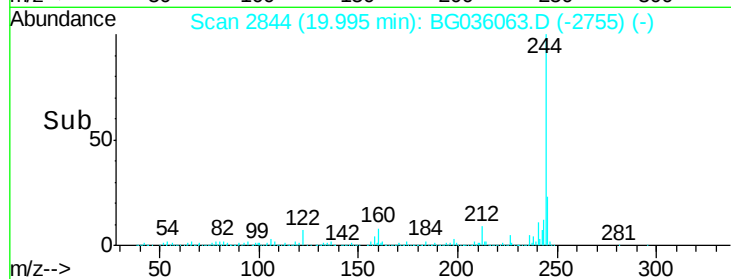
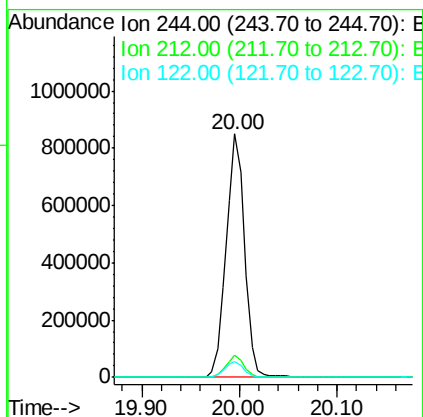
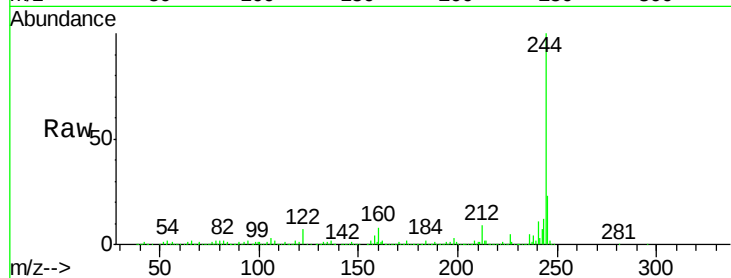




#78
 Terphenyl-d14
 Concen: 100.828 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Instrument :
 BNA_G
 ClientSampled :
 GW-02

Tgt Ion:244 Resp: 1110538
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 6.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3669
 Delta R.T. -0.02 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Tgt Ion:264 Resp: 226078
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 21.4 17.7 26.5

