

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025562.D
 Acq On : 21 Jan 2017 7:24
 Operator : UM/SJ
 Sample : I1322-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-GW

Quant Time: Jan 22 23:56:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

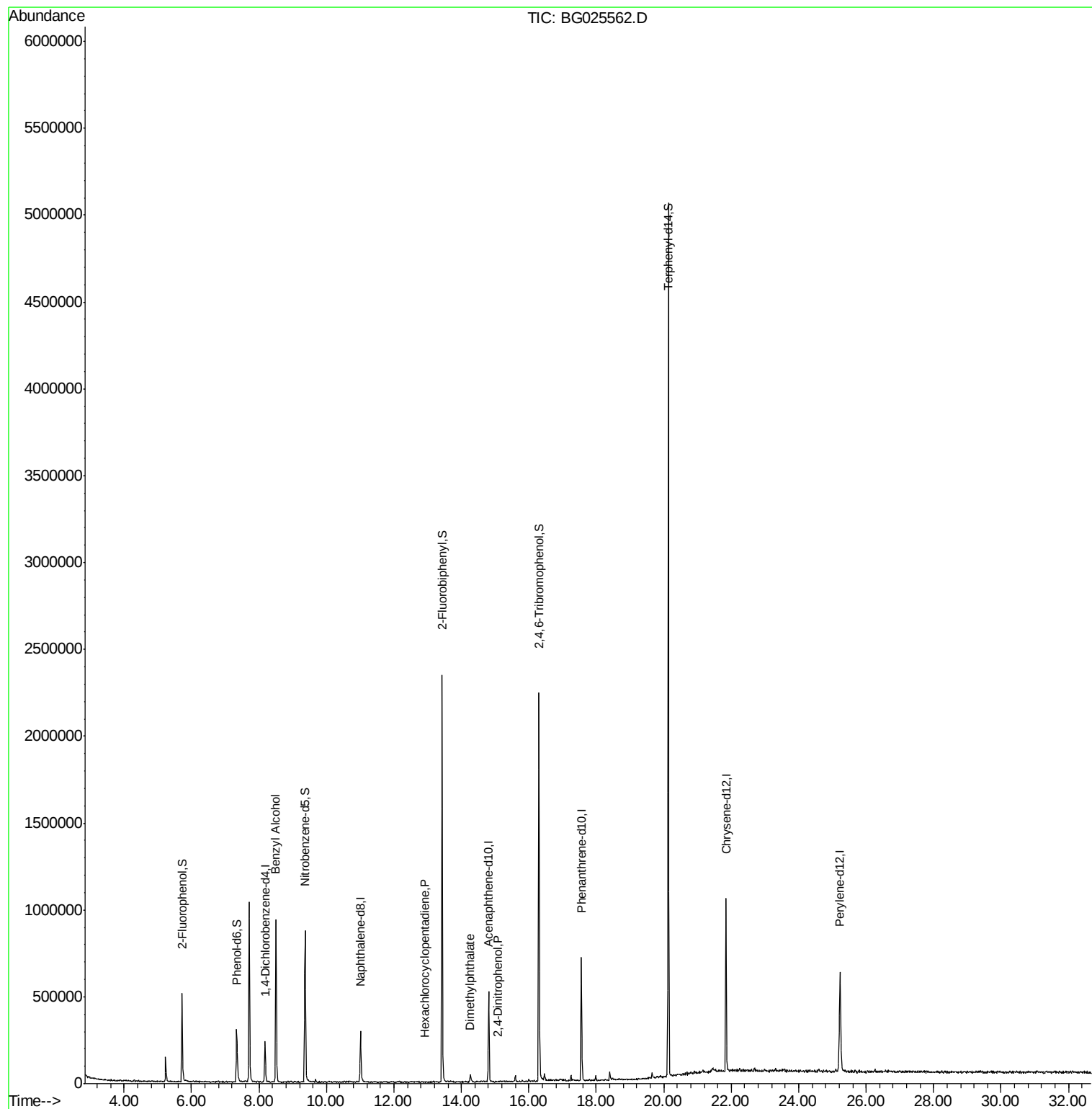
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	60566	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	254384	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	200373	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	457624	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	658051	20.00	ng	-0.02
86) Perylene-d12	25.23	264	725764	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	202058	60.64	ng	-0.02
7) Phenol-d6	7.34	99	167814	35.76	ng	-0.02
23) Nitrobenzene-d5	9.36	82	575758	99.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	431054	133.62	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1191949	96.31	ng	-0.02
78) Terphenyl-d14	20.13	244	2163305	87.16	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.49	79	9906	2.21	ng	# 42
40) Hexachlorocyclopentadiene	12.93	237	98	8.55	ng	# 29
49) Dimethylphthalate	14.26	163	32859	2.25	ng	# 95
53) 2,4-Dinitrophenol	15.06	184	73	5.11	ng	# 15

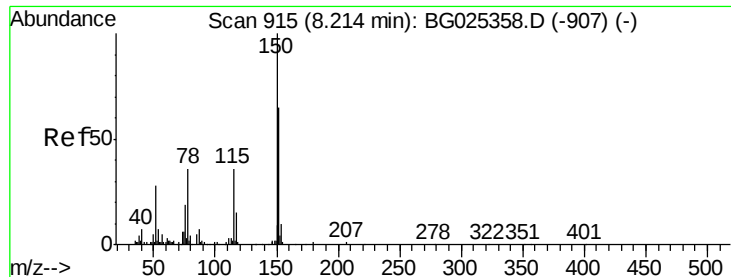
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

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BNA_G

ClientSampleId :

B3-GW

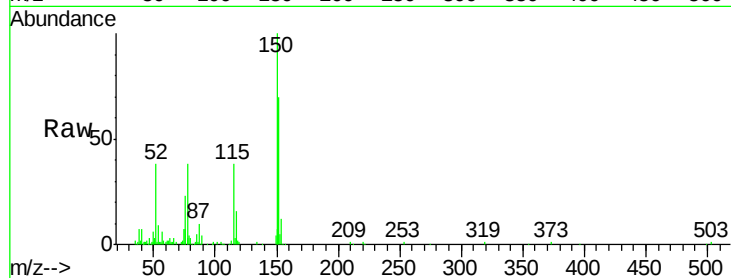
Tgt Ion:152 Resp: 60566

Ion Ratio Lower Upper

152 100

150 143.2 114.0 171.0

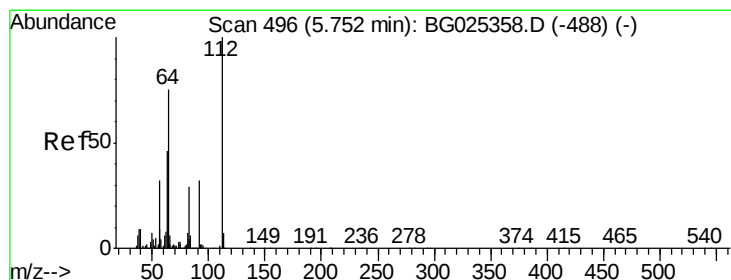
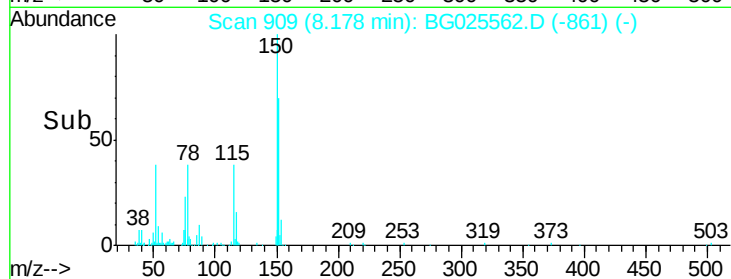
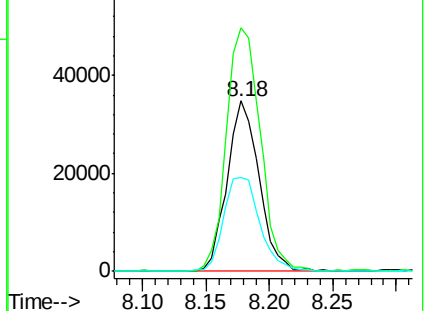
115 55.0 48.1 72.1



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: 60.64 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

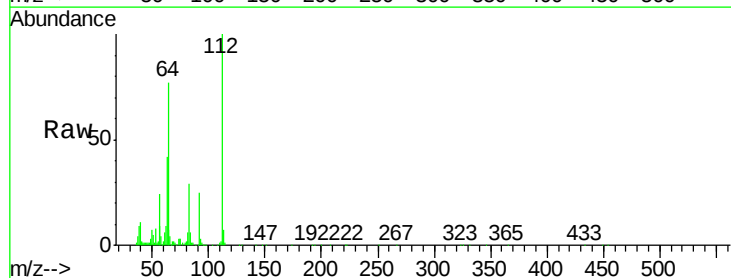
Tgt Ion:112 Resp: 202058

Ion Ratio Lower Upper

112 100

64 77.4 61.8 92.6

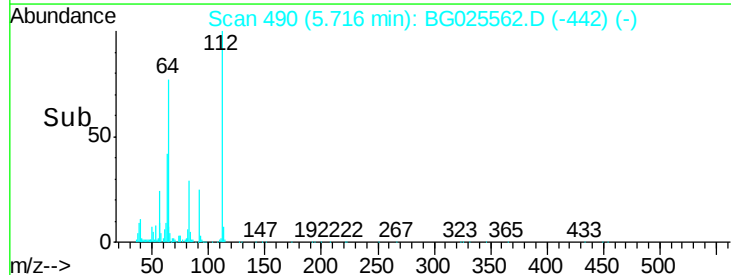
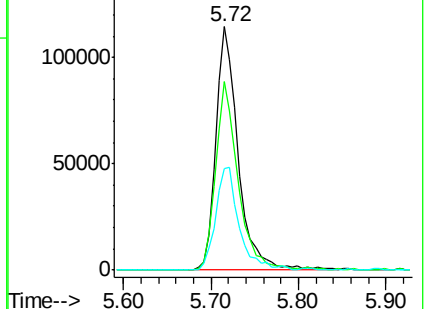
63 41.6 37.2 55.8

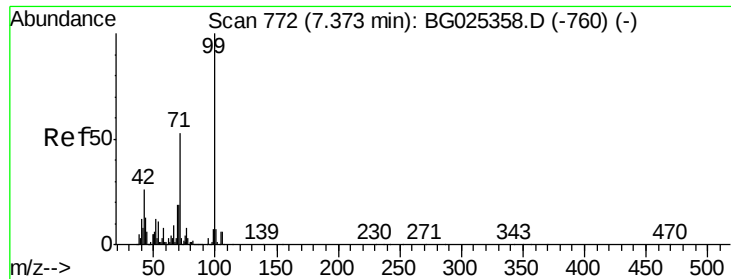


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.76 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

Instrument :

BNA_G

ClientSampleId :

B3-GW

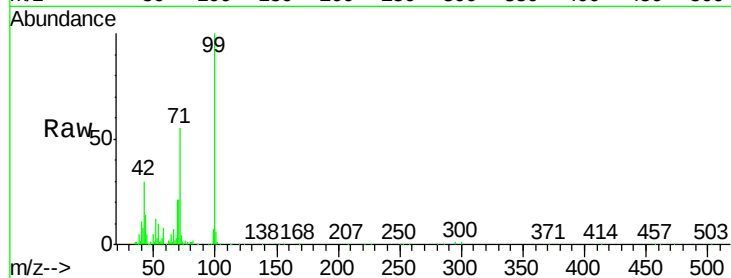
Tgt Ion: 99 Resp: 167814

Ion Ratio Lower Upper

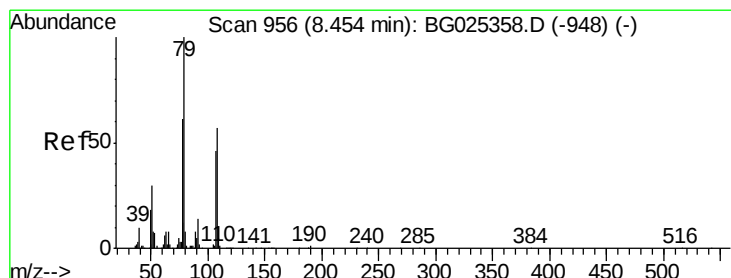
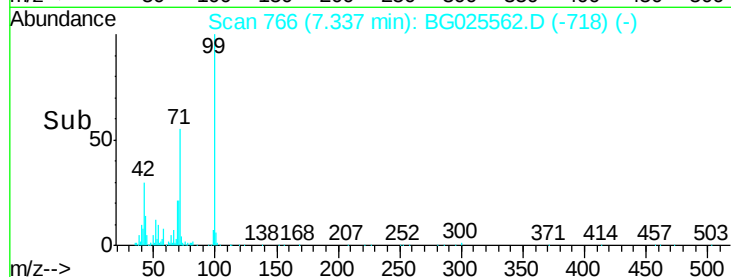
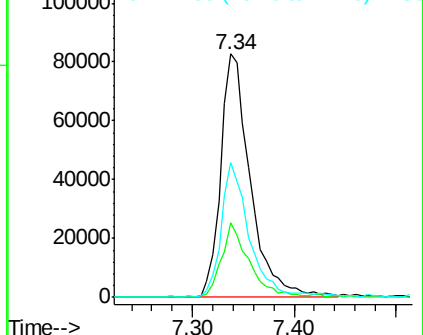
99 100

42 30.5 20.5 30.7

71 55.4 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 8.49 min Scan# 963

Delta R.T. 0.05 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

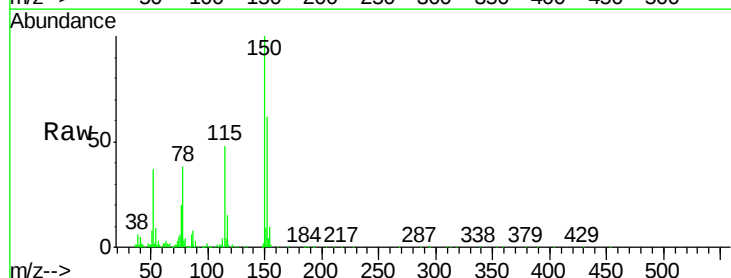
Tgt Ion: 79 Resp: 9906

Ion Ratio Lower Upper

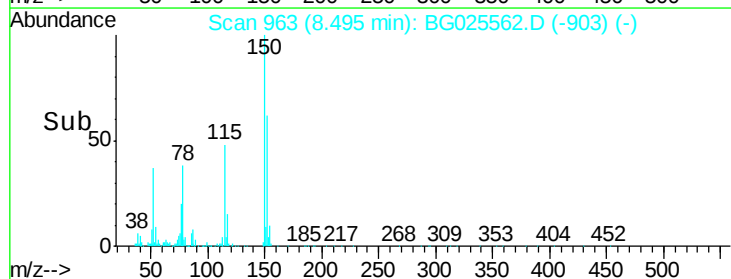
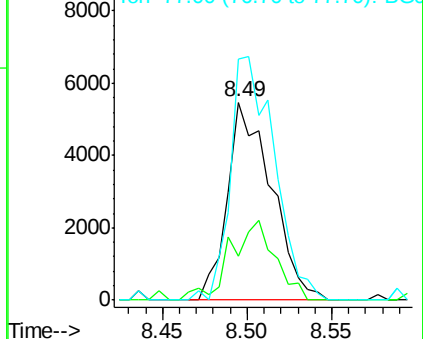
79 100

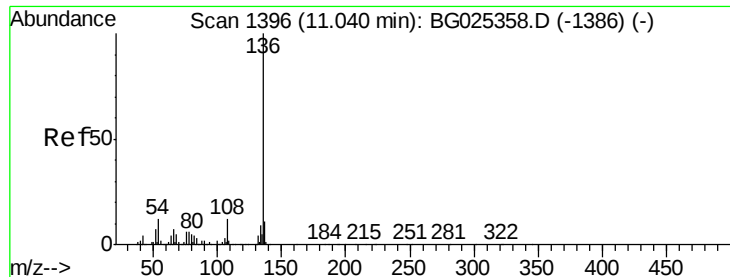
108 22.1 45.5 68.3#

77 121.9 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

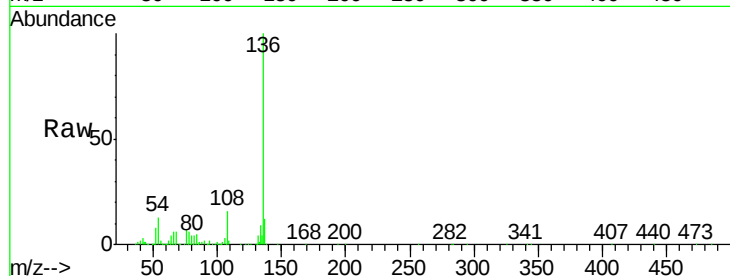




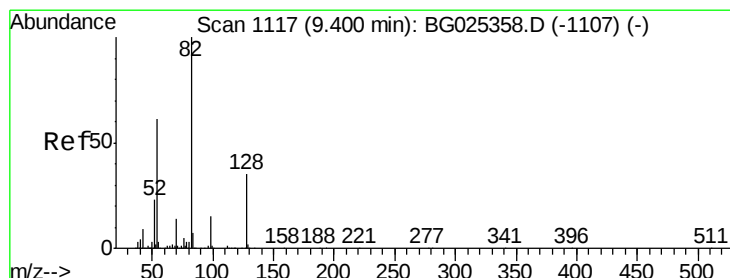
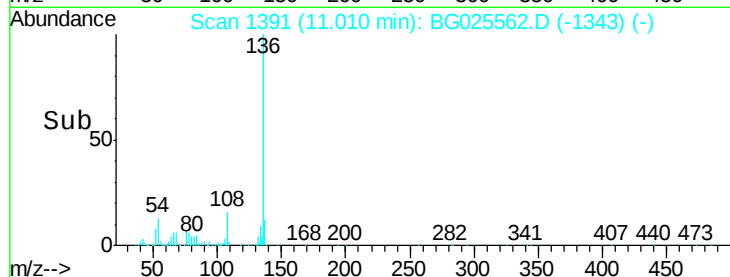
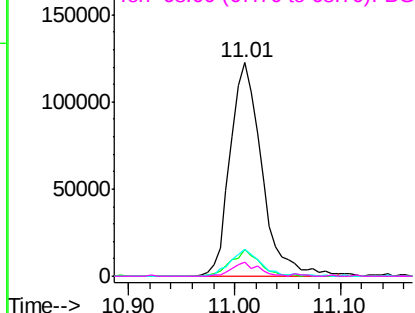
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG025562.D
Acq: 21 Jan 2017 7:24

Instrument :
BNA_G
ClientSampleId :
B3-GW

Tgt Ion:	136	Resp:	254384
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.9	13.3
54	12.6	9.3	13.9
68	6.4	5.1	7.7

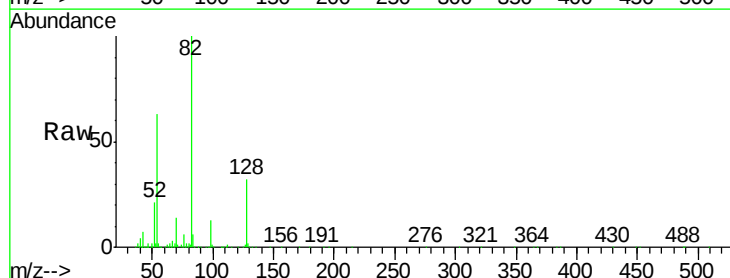


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

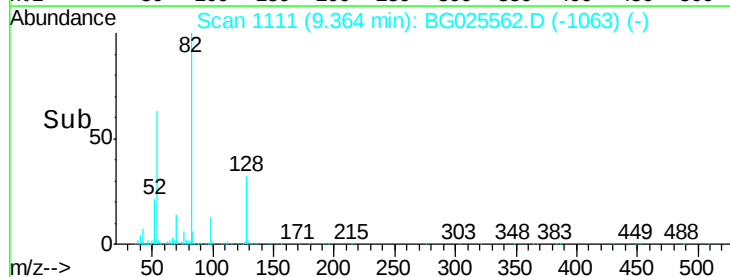
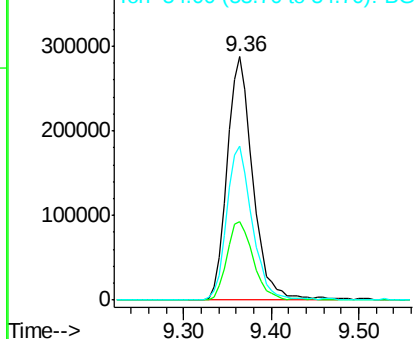


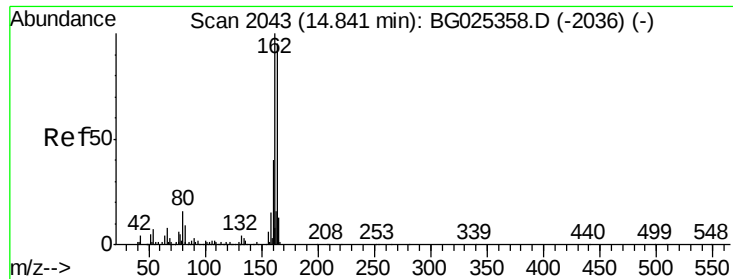
#23
Nitrobenzene-d5
Concen: 99.99 ng
RT: 9.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025562.D
Acq: 21 Jan 2017 7:24

Tgt Ion:	82	Resp:	575758
Ion	Ratio	Lower	Upper
82	100		
128	32.2	26.4	39.6
54	63.3	49.4	74.2



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: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

Instrument :

BNA_G

ClientSampleId :

B3-GW

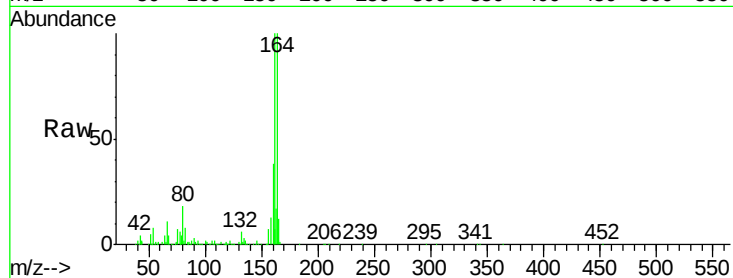
Tgt Ion:164 Resp: 200373

Ion Ratio Lower Upper

164 100

162 100.4 85.1 127.7

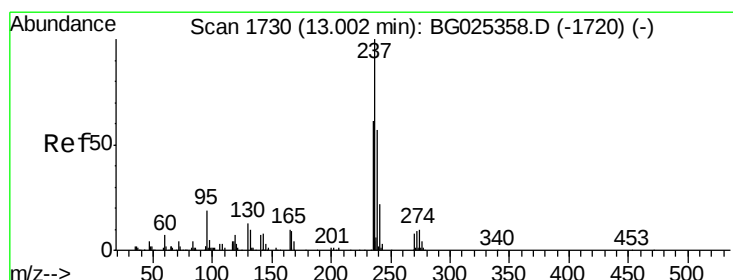
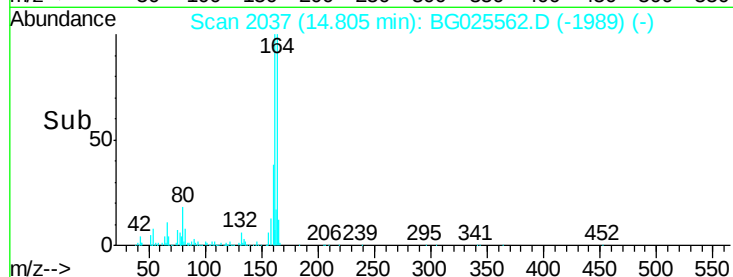
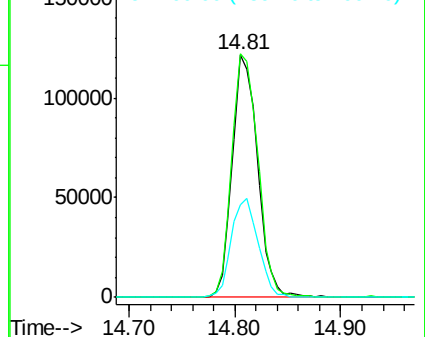
160 38.0 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.55 ng

RT: 12.93 min Scan# 1718

Delta R.T. -0.06 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

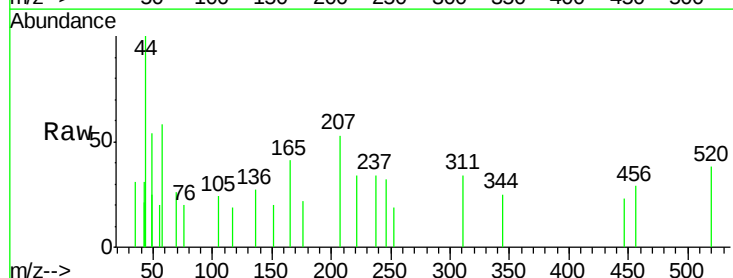
Tgt Ion:237 Resp: 98

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

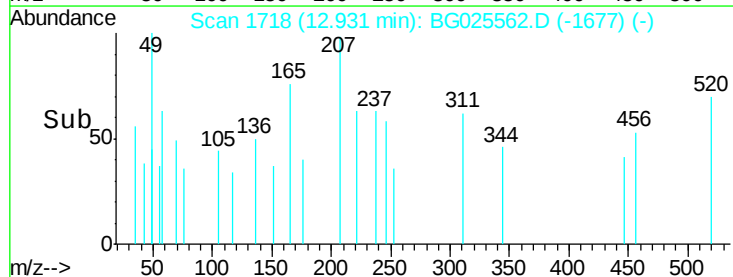
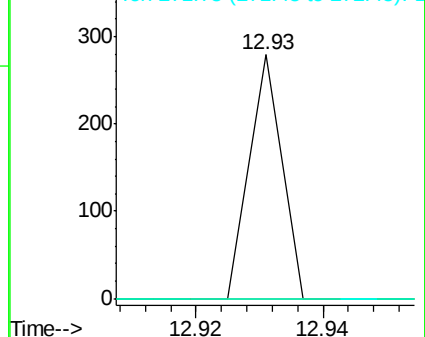
272 0.0 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

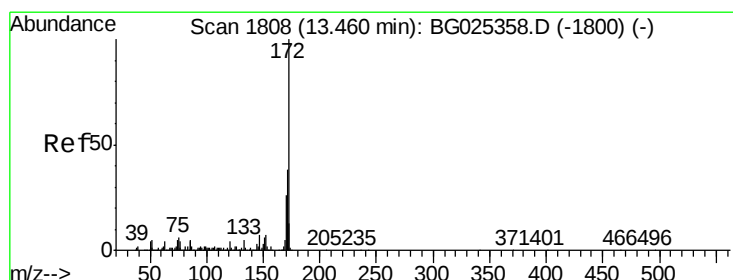
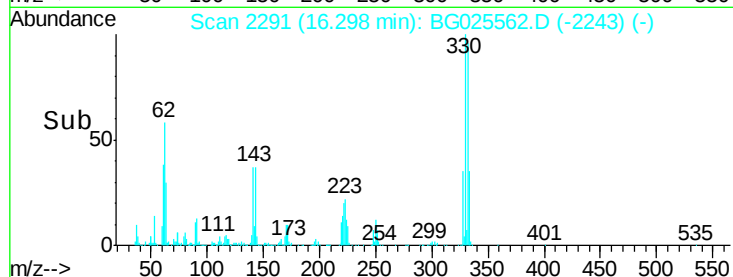
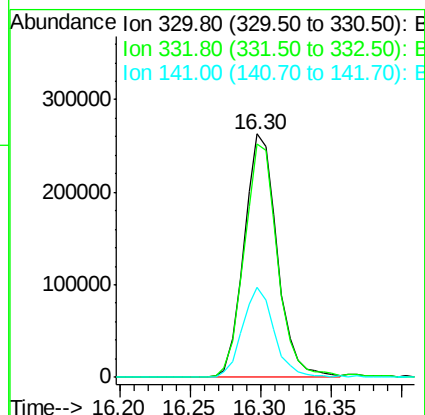
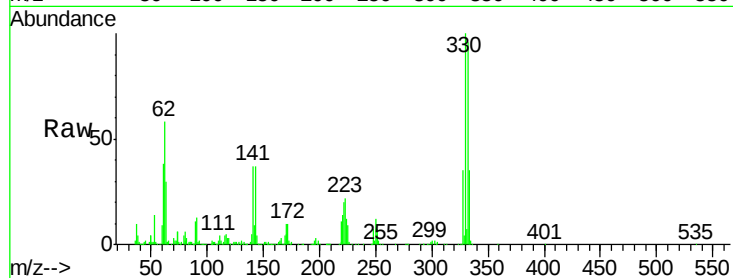




#41
 2,4,6-Tribromophenol
 Concen: 133.62 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025562.D
 Acq: 21 Jan 2017 7:24

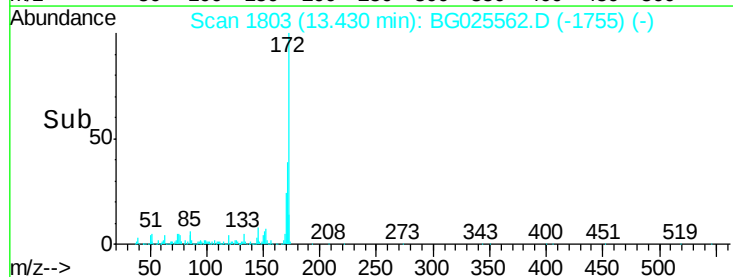
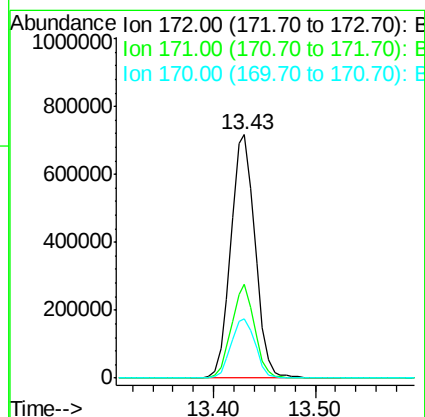
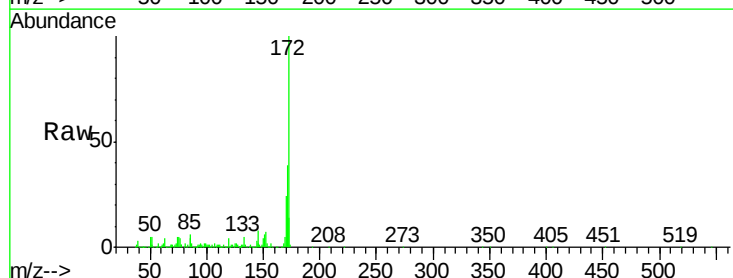
Instrument :
 BNA_G
 ClientSampleId :
 B3-GW

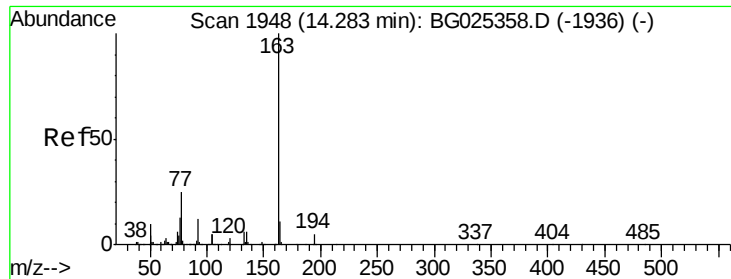
Tgt Ion:330 Resp: 431054
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 35.6 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 96.31 ng
 RT: 13.43 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BG025562.D
 Acq: 21 Jan 2017 7:24

Tgt Ion:172 Resp: 1191949
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 24.3 21.8 32.6





#49

Dimethylphthalate

Concen: 2.25 ng

RT: 14.26 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

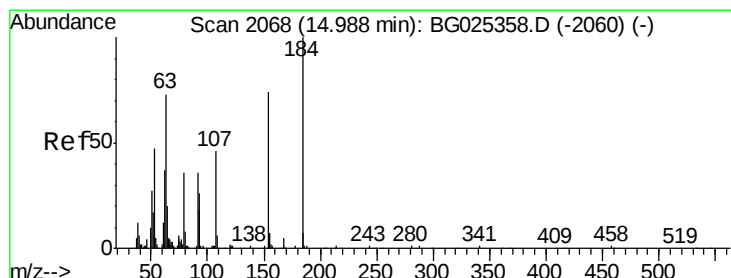
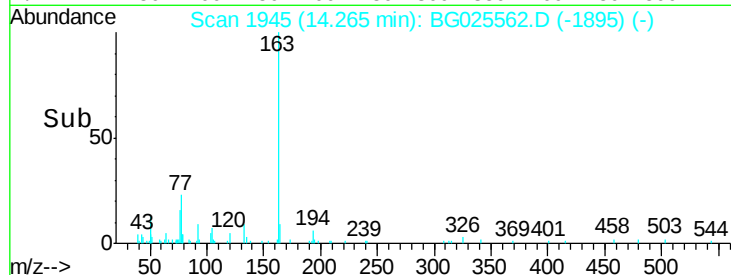
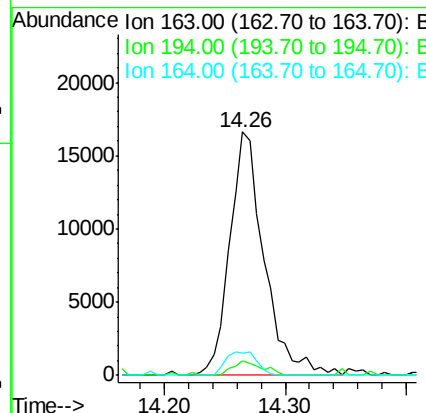
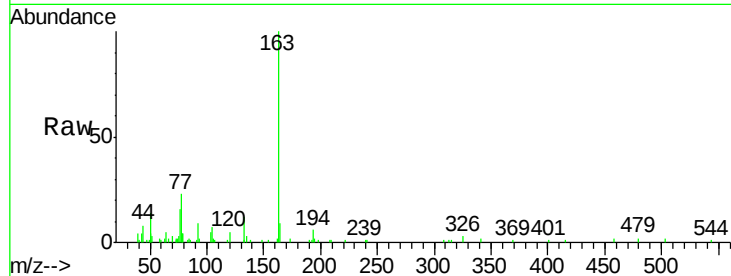
Instrument :

BNA_G

ClientSampleId :

B3-GW

Tgt Ion:	163	Resp:	32859
Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.8	5.6#
164	9.4	9.3	13.9



#53

2,4-Dinitrophenol

Concen: 5.11 ng

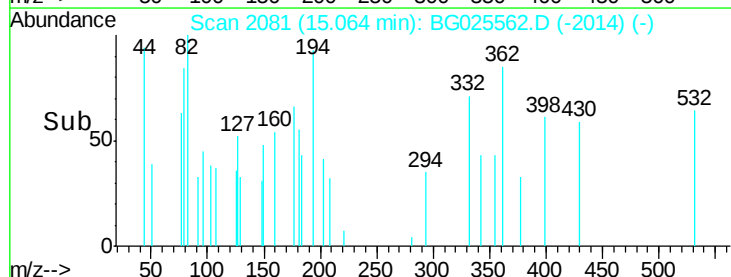
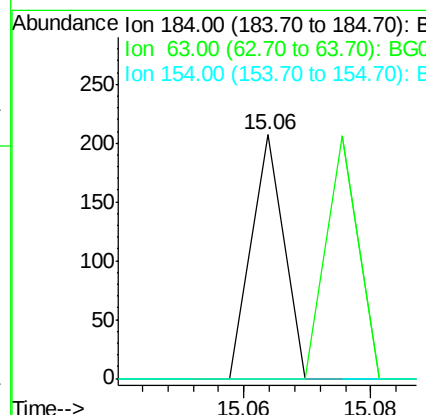
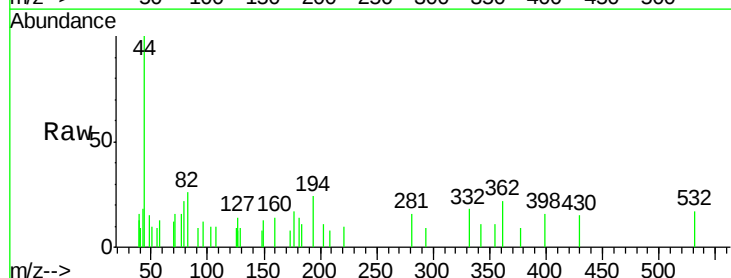
RT: 15.06 min Scan# 2081

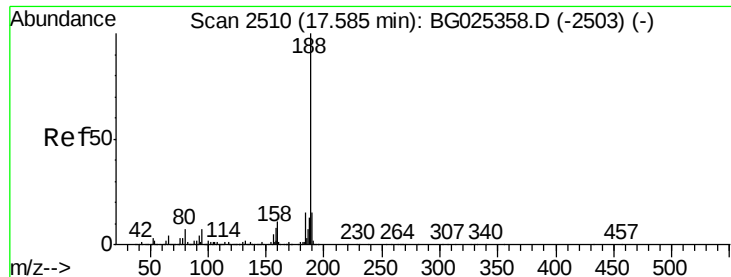
Delta R.T. 0.09 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

Tgt Ion:	184	Resp:	73
Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

Instrument :

BNA_G

ClientSampleId :

B3-GW

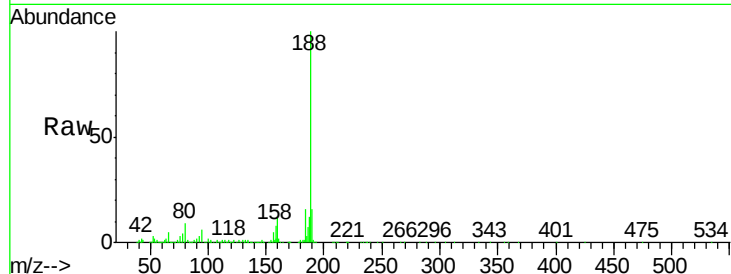
Tgt Ion:188 Resp: 457624

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

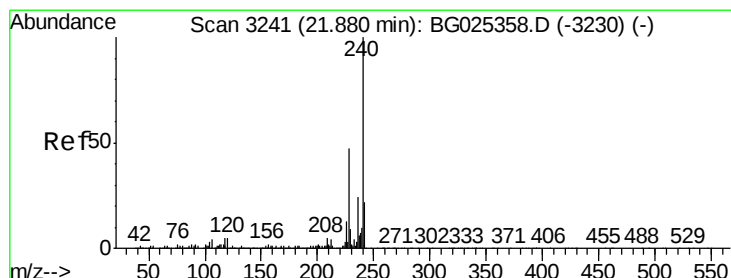
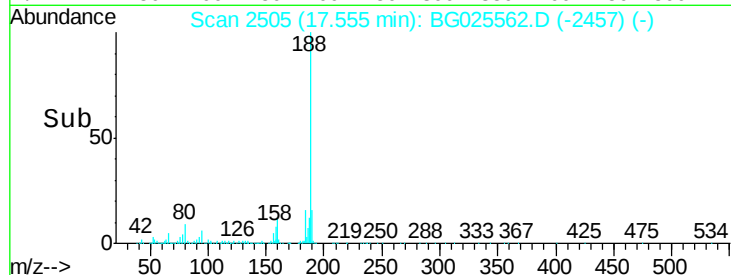
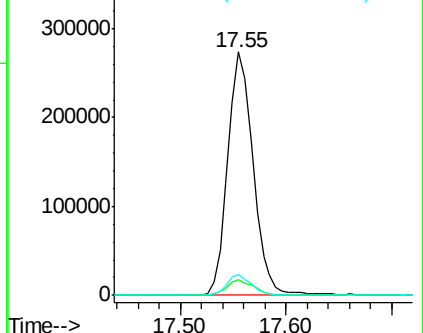
80 8.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

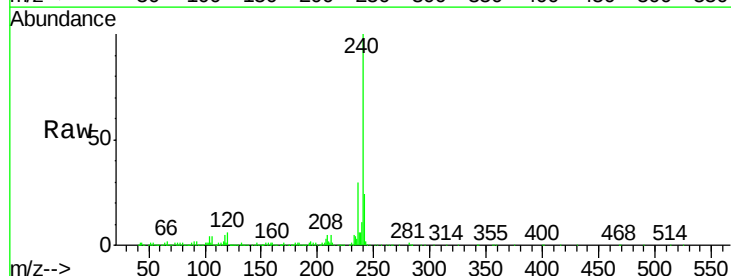
Tgt Ion:240 Resp: 658051

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

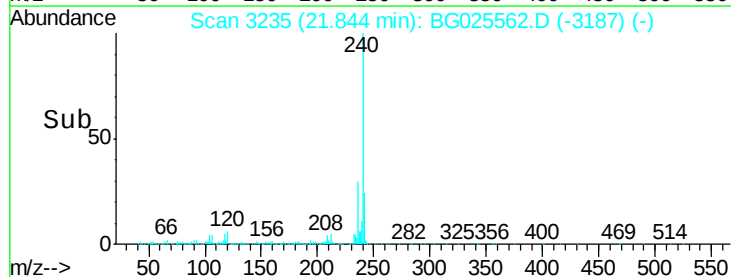
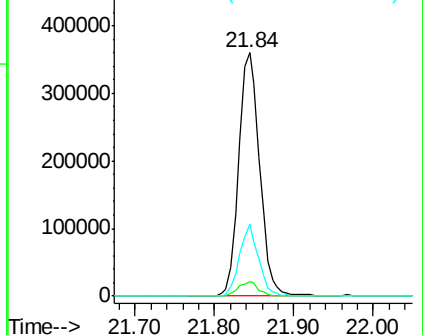
236 29.6 22.2 33.4

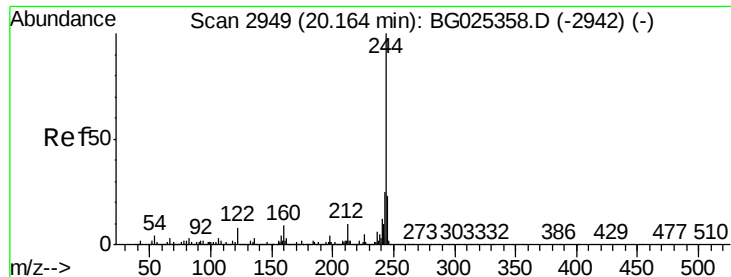


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.16 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

Instrument :

BNA_G

ClientSampleId :

B3-GW

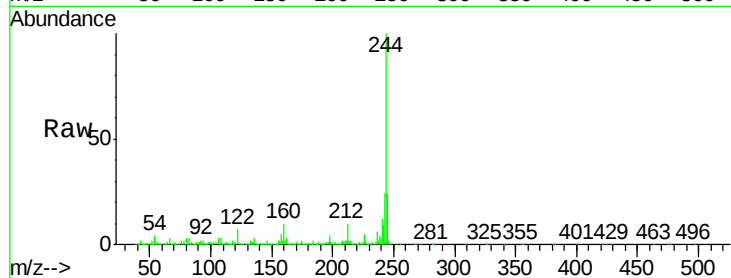
Tgt Ion:244 Resp: 2163305

Ion Ratio Lower Upper

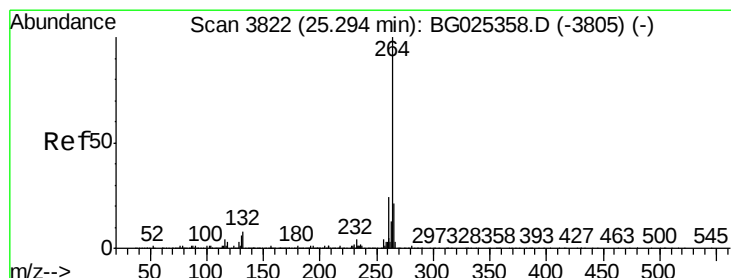
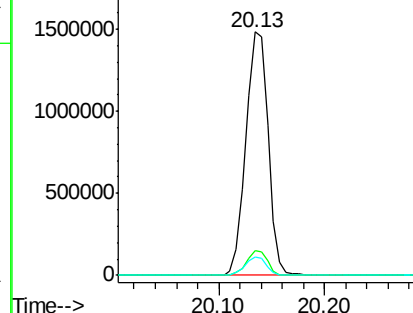
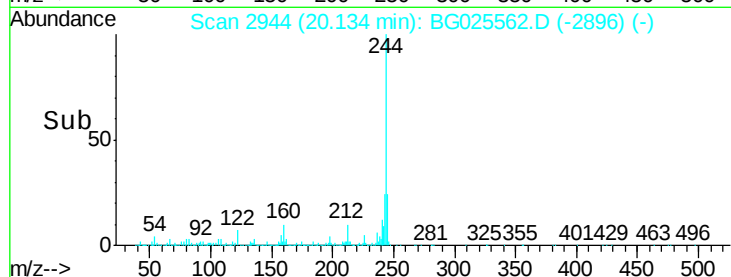
244 100

212 10.1 10.0 15.0

122 7.3 8.6 12.8#



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: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. -0.04 min

Lab File: BG025562.D

Acq: 21 Jan 2017 7:24

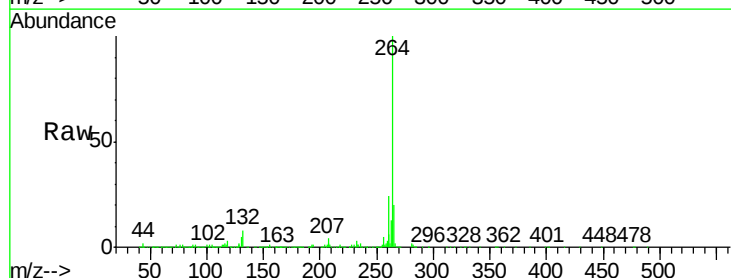
Tgt Ion:264 Resp: 725764

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 20.1 18.2 27.4



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

