

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023300.D
 Acq On : 28 Jul 2016 2:20
 Operator : UM/SJ
 Sample : H4152-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-13-6.0-15.0

Quant Time: Jul 28 03:27:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

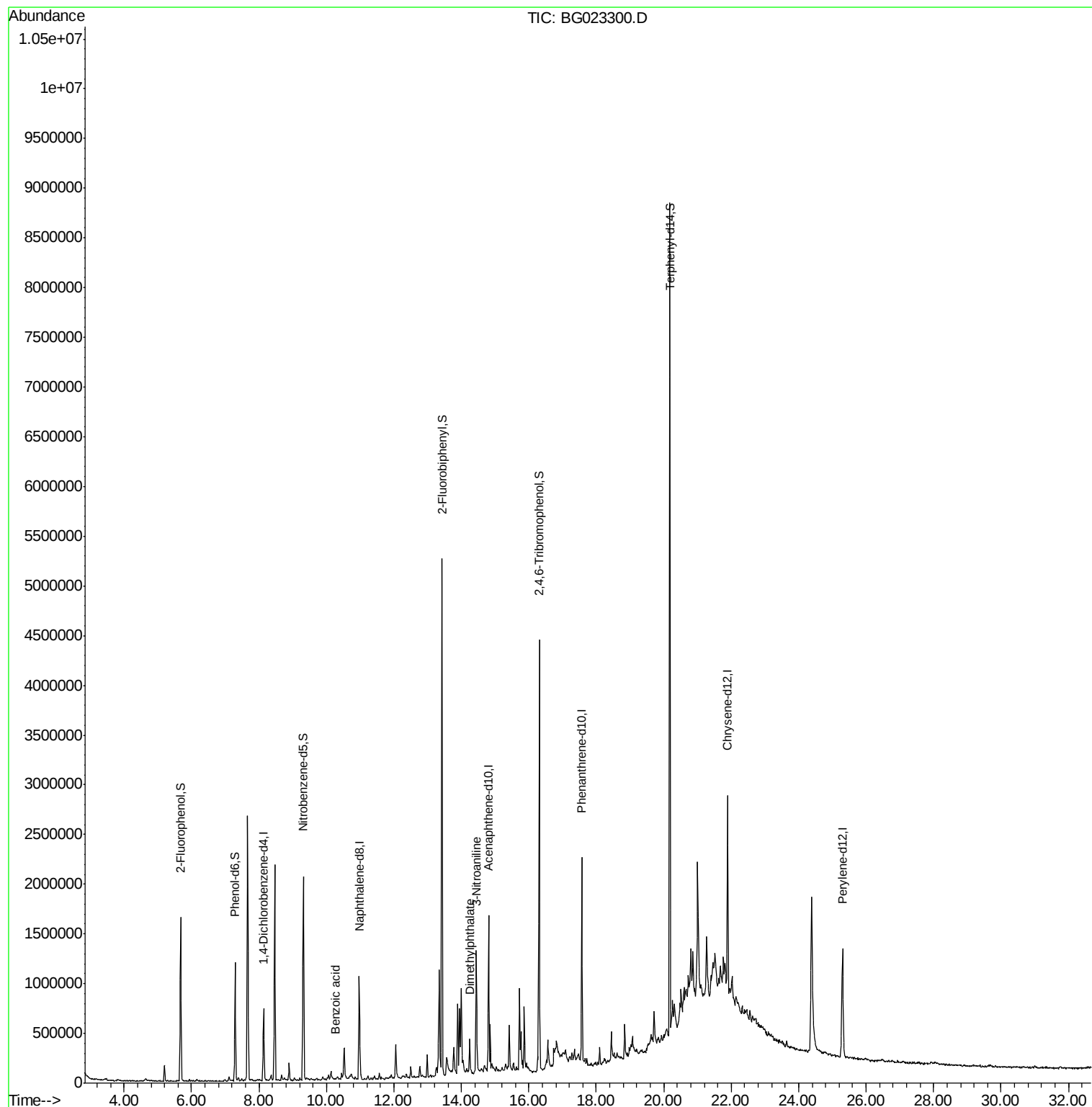
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	196902	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	859959	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	528364	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1155394	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1111552	20.00	ng	0.00
86) Perylene-d12	25.30	264	1162224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	726536	62.99	ng	0.00
7) Phenol-d6	7.29	99	756520	42.72	ng	0.00
23) Nitrobenzene-d5	9.31	82	1313121	74.67	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	782713	143.13	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2483035	87.96	ng	0.00
78) Terphenyl-d14	20.18	244	2955992	86.45	ng	0.00
Target Compounds						
32) Benzoic acid	10.28	122	268	8.13	ng	# 37
49) Dimethylphthalate	14.25	163	210463	5.40	ng	98
52) 3-Nitroaniline	14.45	138	119897	13.04	ng	# 1

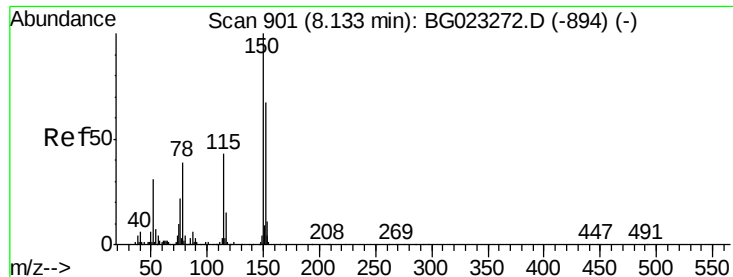
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

Instrument :

BNA_G

ClientSampleId :

GW-13-6.0-15.0

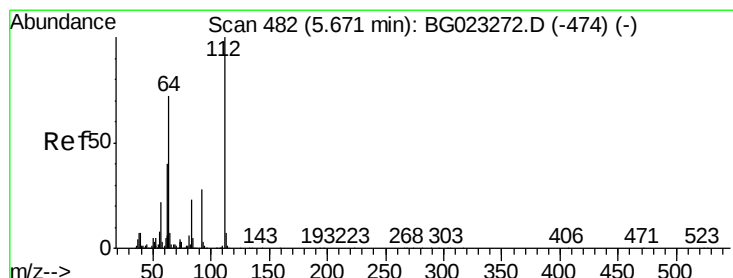
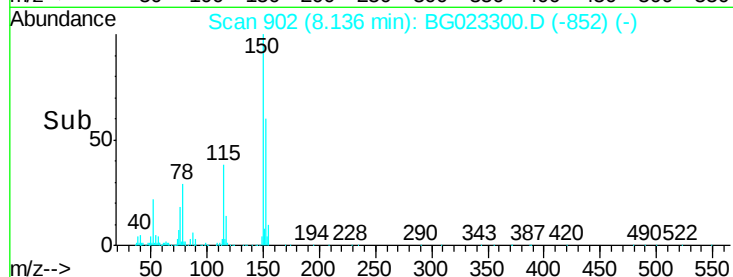
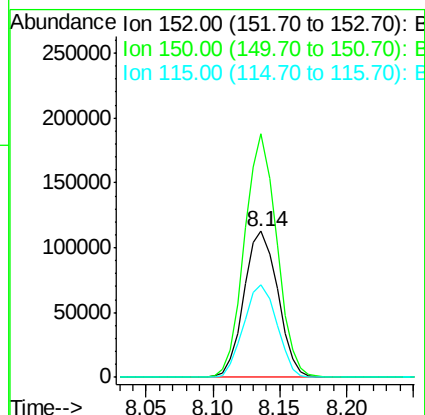
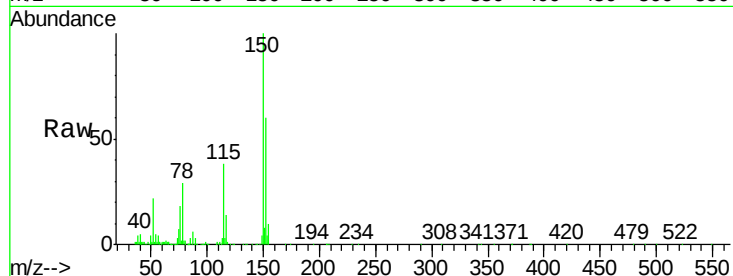
Tgt Ion:152 Resp: 196902

Ion Ratio Lower Upper

152 100

150 166.7 144.7 217.1

115 63.6 64.0 96.0#



#5

2-Fluorophenol

Concen: 62.99 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

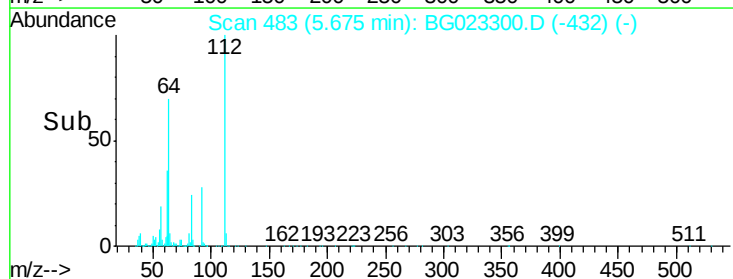
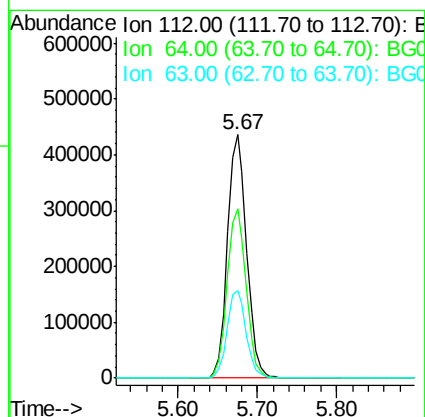
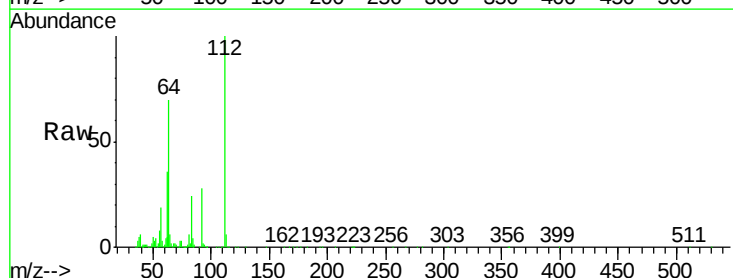
Tgt Ion:112 Resp: 726536

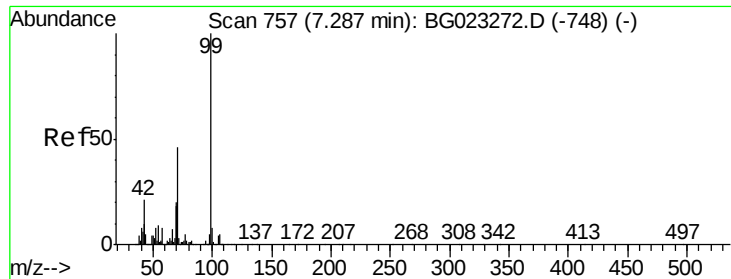
Ion Ratio Lower Upper

112 100

64 69.8 59.0 88.4

63 36.1 37.8 56.8#





#7

Phenol-d6

Concen: 42.72 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

Instrument :

BNA_G

ClientSampleId :

GW-13-6.0-15.0

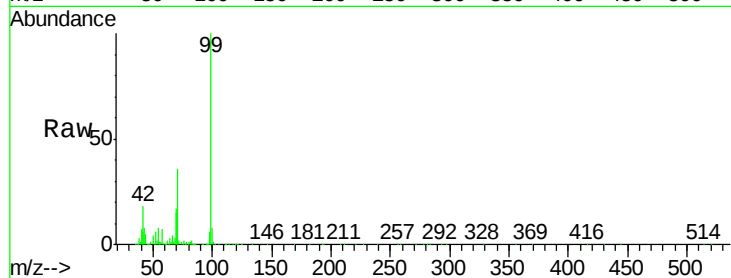
Tgt Ion: 99 Resp: 756520

Ion Ratio Lower Upper

99 100

42 17.6 17.8 26.6#

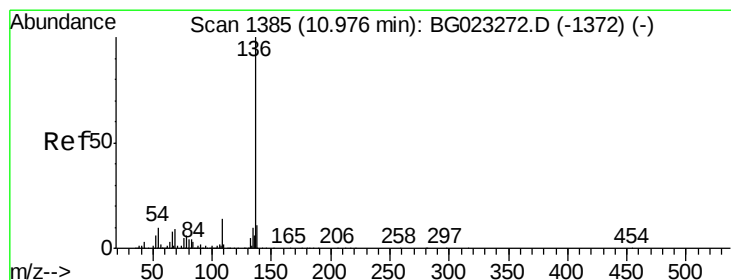
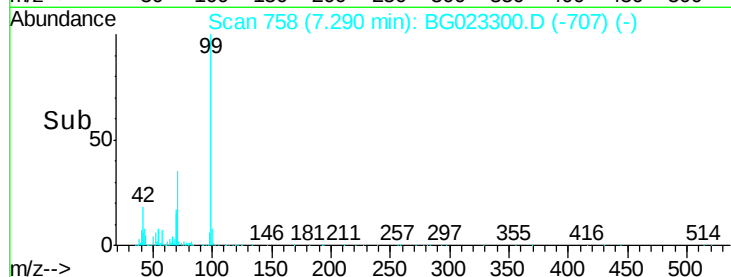
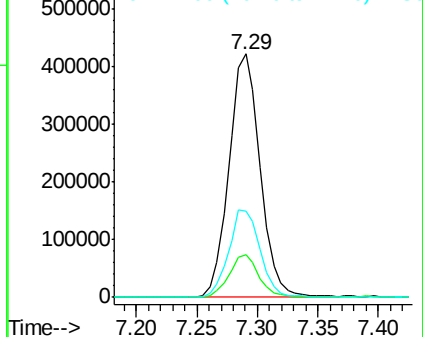
71 35.6 41.5 62.3#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

Tgt Ion: 136 Resp: 859959

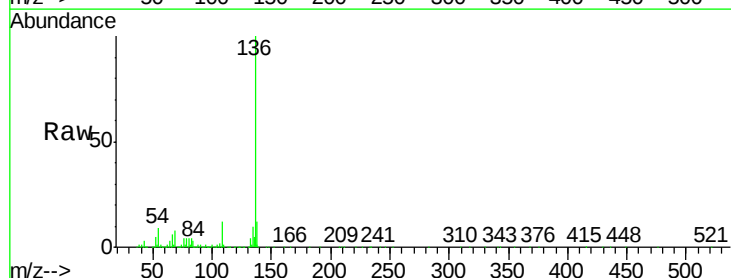
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 9.4 7.3 10.9

68 8.2 5.3 7.9#

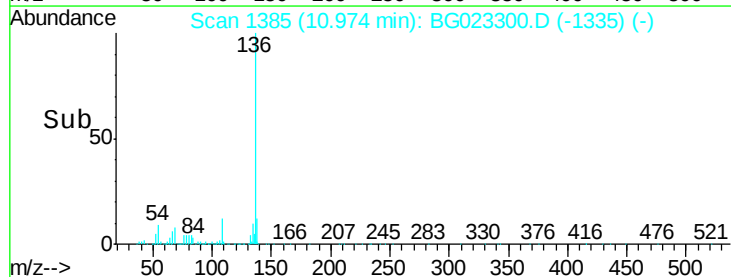
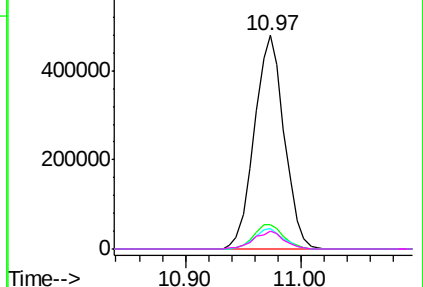


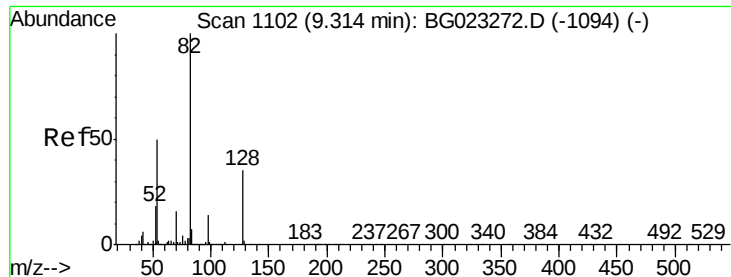
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

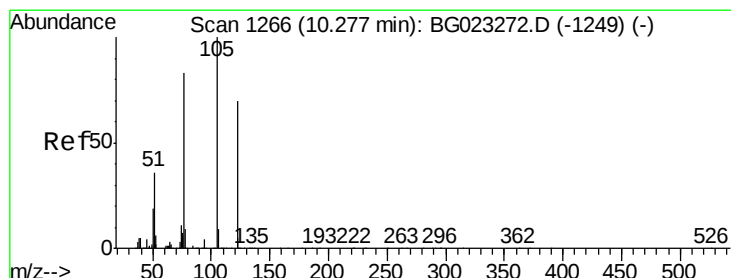
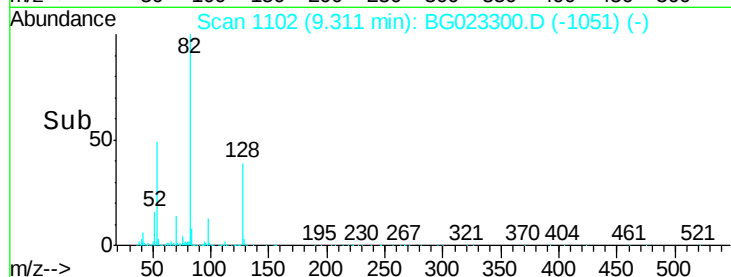
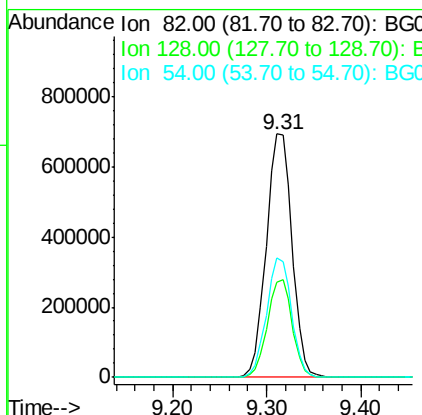
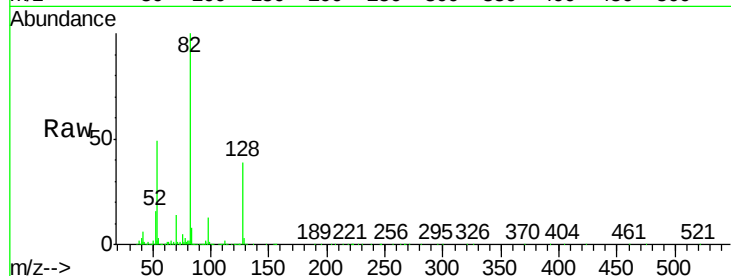




#23
 Nitrobenzene-d5
 Concen: 74.67 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023300.D
 Acq: 28 Jul 2016 2:20

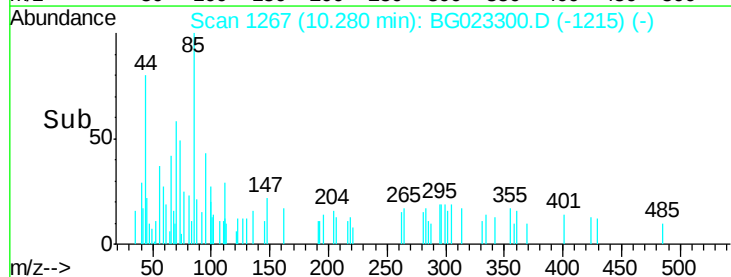
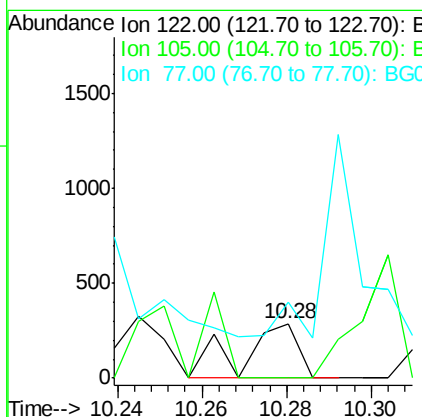
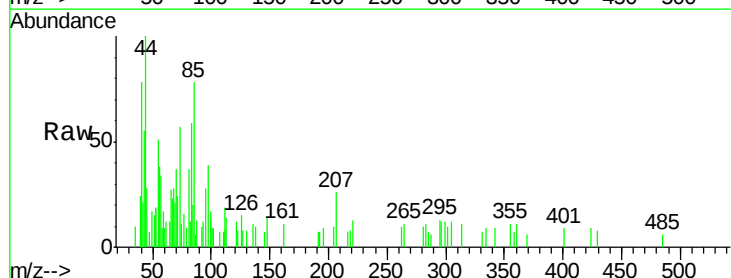
Instrument :
 BNA_G
 ClientSampleId :
 GW-13-6.0-15.0

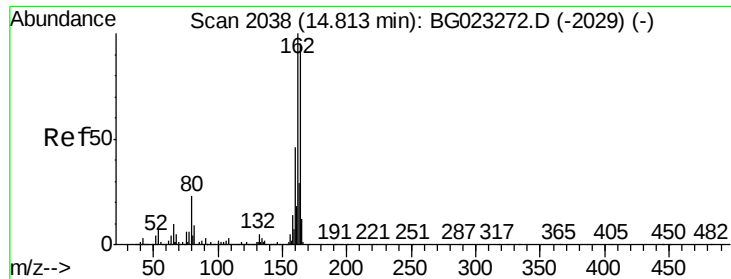
Tgt Ion: 82 Resp: 1313121
 Ion Ratio Lower Upper
 82 100
 128 38.9 24.4 36.6#
 54 49.2 41.4 62.0



#32
 Benzoic acid
 Concen: 8.13 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BG023300.D
 Acq: 28 Jul 2016 2:20

Tgt Ion: 122 Resp: 268
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 138.5 109.2 149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

Instrument :

BNA_G

ClientSampleId :

GW-13-6.0-15.0

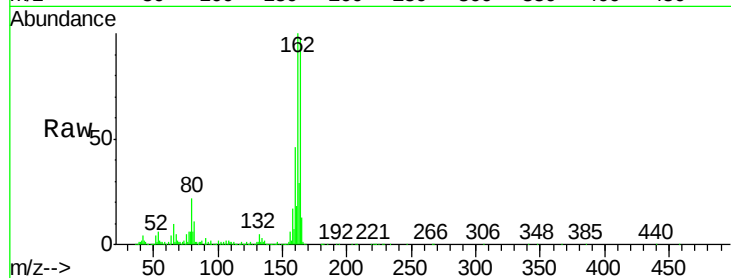
Tgt Ion:164 Resp: 528364

Ion Ratio Lower Upper

164 100

162 103.3 87.7 131.5

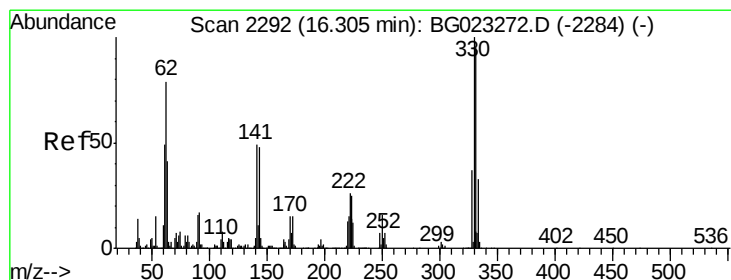
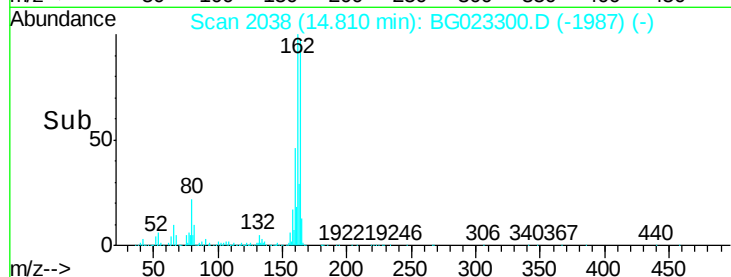
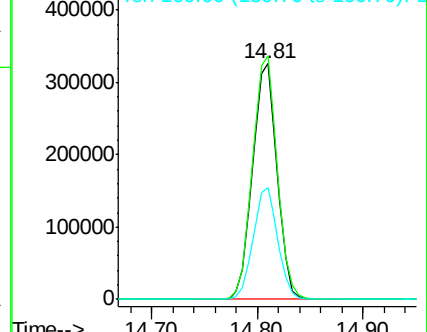
160 47.3 37.2 55.8



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: 143.13 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

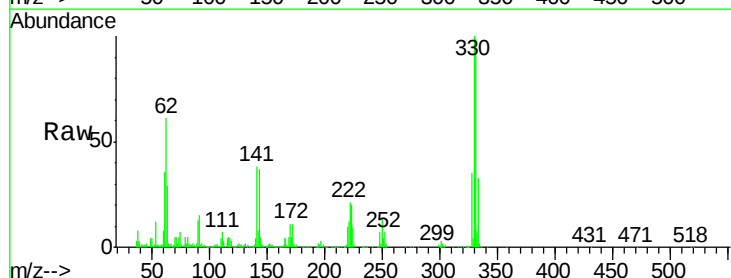
Tgt Ion:330 Resp: 782713

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.2

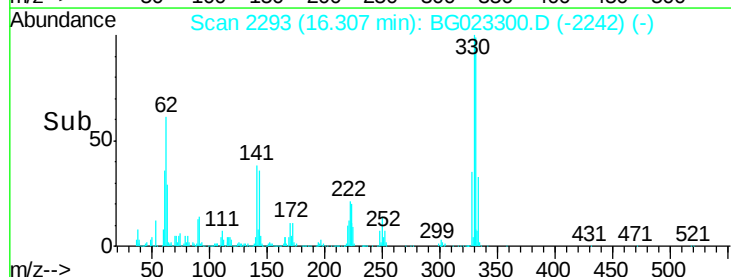
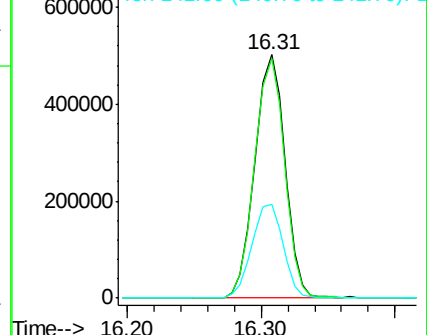
141 39.5 31.7 47.5

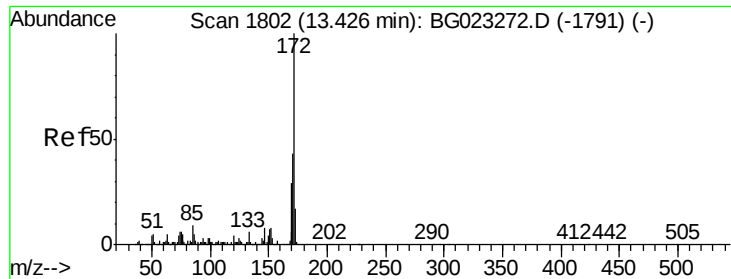


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

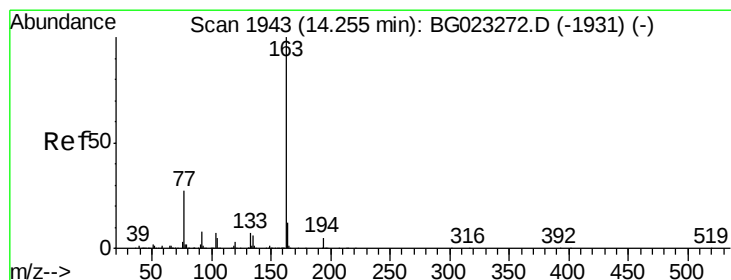
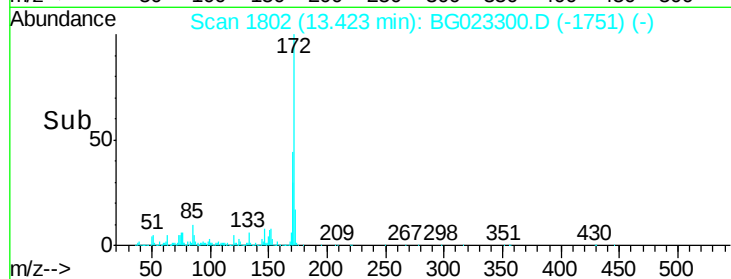
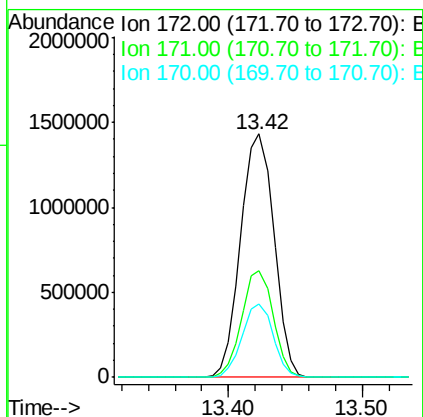
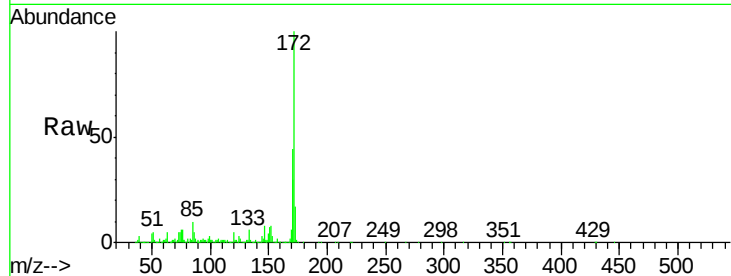




#44
2-Fluorobiphenyl
Concen: 87.96 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

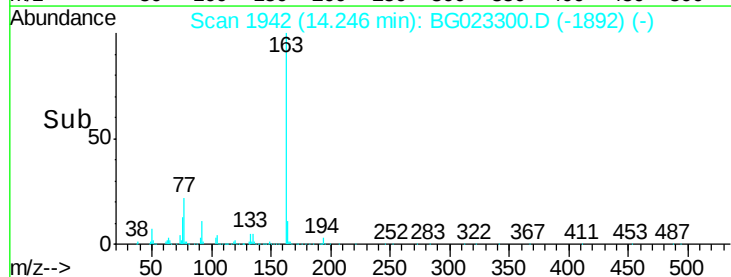
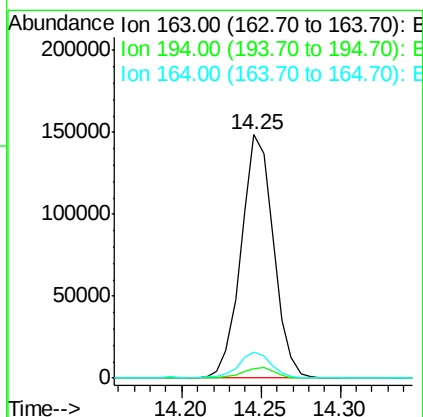
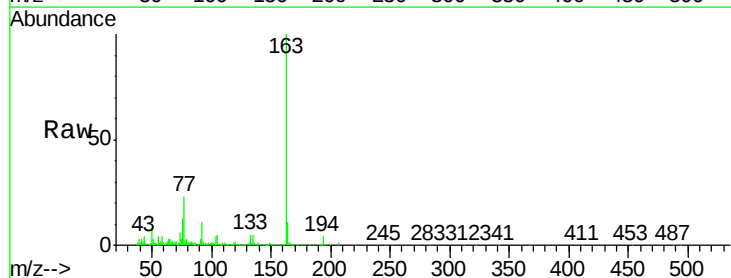
Instrument :
BNA_G
ClientSampleId :
GW-13-6.0-15.0

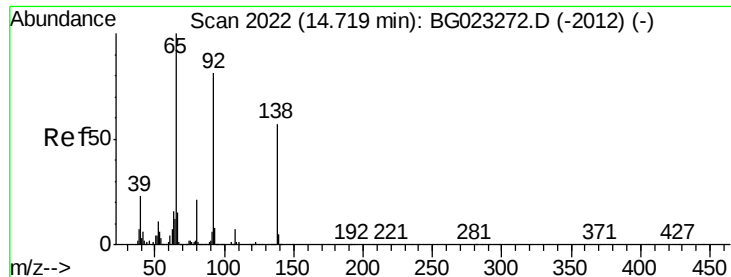
Tgt Ion:172 Resp: 2483035
Ion Ratio Lower Upper
172 100
171 43.7 31.6 47.4
170 30.2 21.3 31.9



#49
Dimethylphthalate
Concen: 5.40 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

Tgt Ion:163 Resp: 210463
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4
164 10.9 8.1 12.1

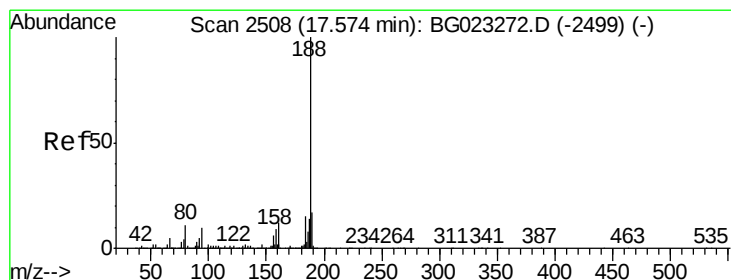
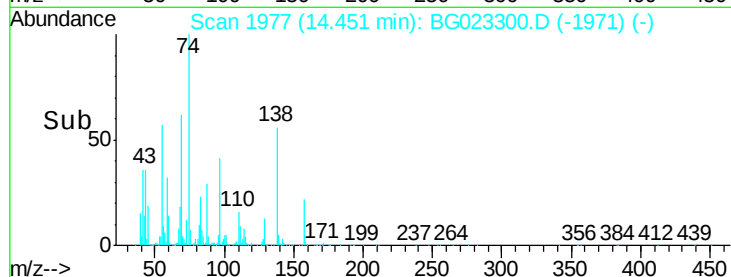
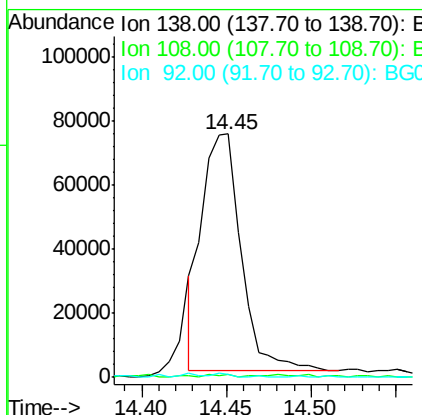
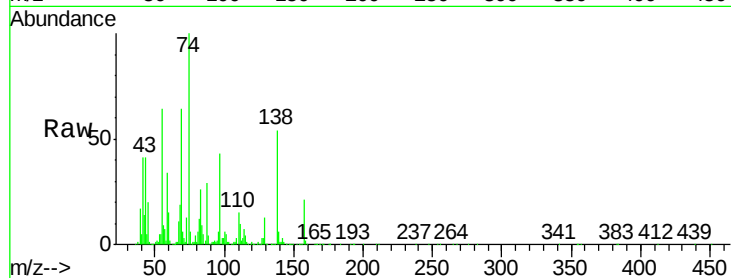




#52
 3-Nitroaniline
 Concen: 13.04 ng
 RT: 14.45 min Scan# 1977
 Delta R.T. -0.26 min
 Lab File: BG023300.D
 Acq: 28 Jul 2016 2:20

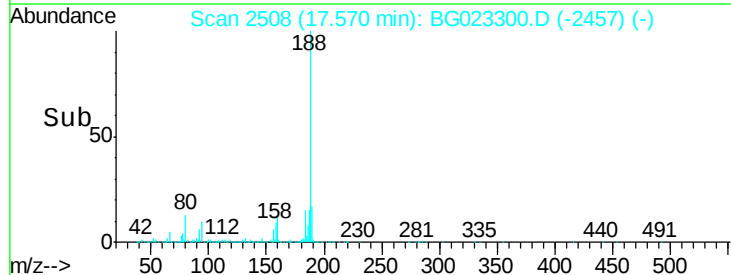
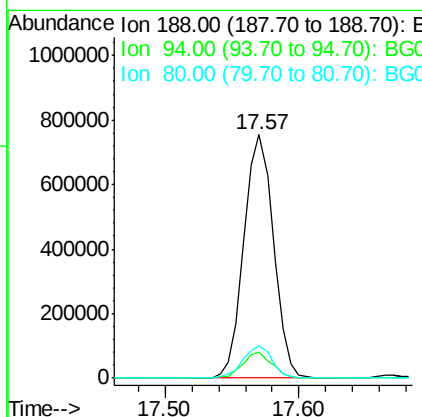
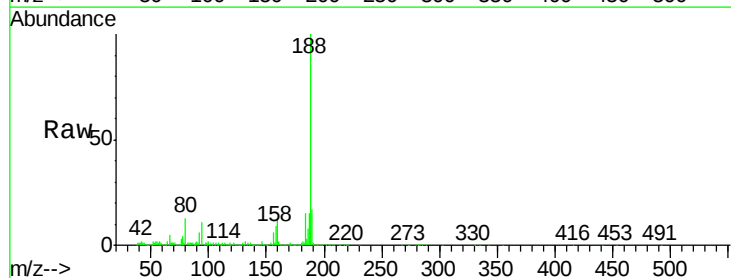
Instrument :
 BNA_G
 ClientSampleId :
 GW-13-6.0-15.0

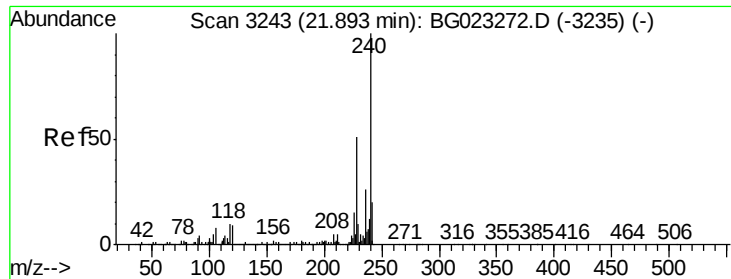
Tgt Ion:138 Resp: 119897
 Ion Ratio Lower Upper
 138 100
 108 1.2 11.7 17.5#
 92 1.1 129.7 194.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG023300.D
 Acq: 28 Jul 2016 2:20

Tgt Ion:188 Resp: 1155394
 Ion Ratio Lower Upper
 188 100
 94 10.5 5.2 7.8#
 80 13.3 7.2 10.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

Instrument :

BNA_G

ClientSampleId :

GW-13-6.0-15.0

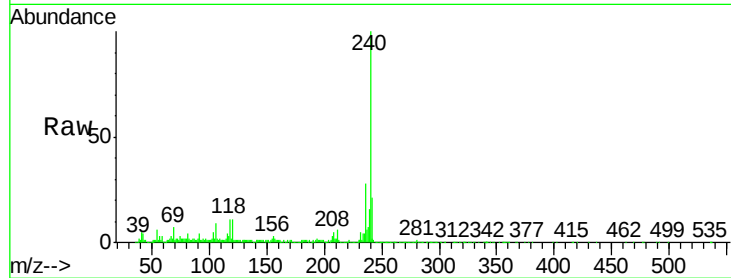
Tgt Ion:240 Resp: 1111552

Ion Ratio Lower Upper

240 100

120 11.1 4.1 6.1#

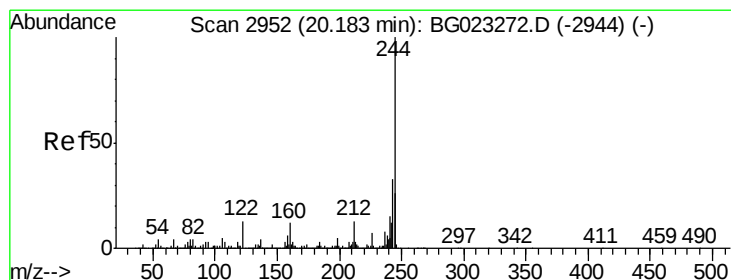
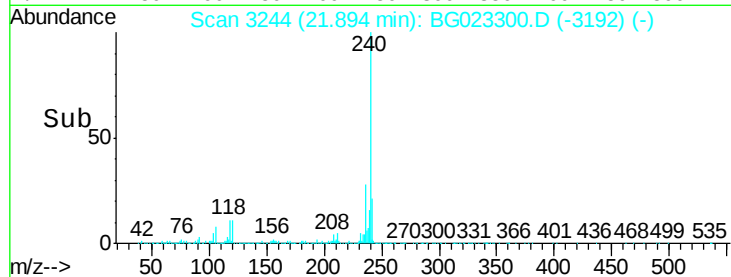
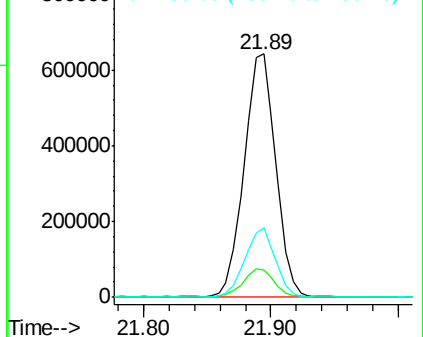
236 28.3 21.1 31.7



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: 86.45 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

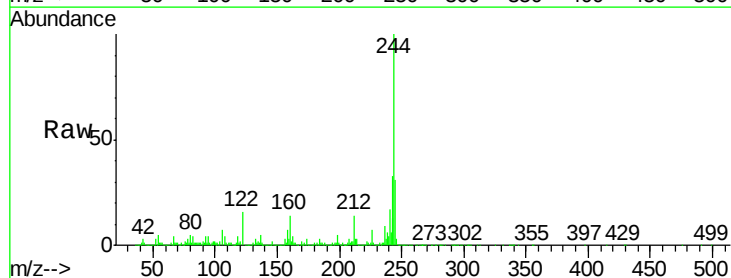
Tgt Ion:244 Resp: 2955992

Ion Ratio Lower Upper

244 100

212 14.3 10.8 16.2

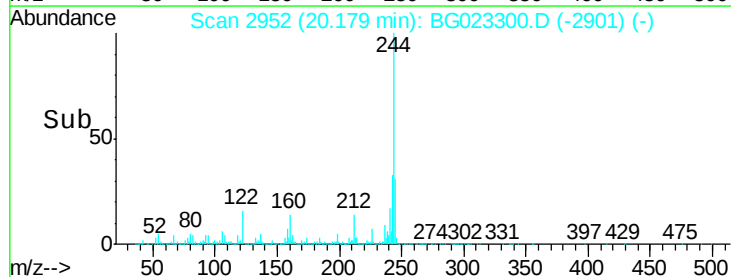
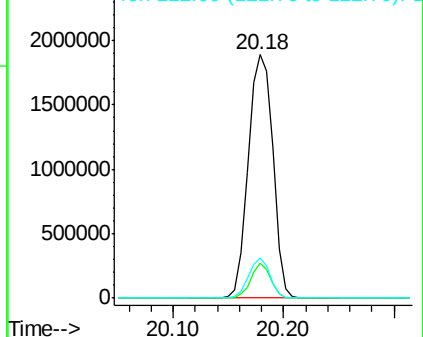
122 16.4 8.0 12.0#

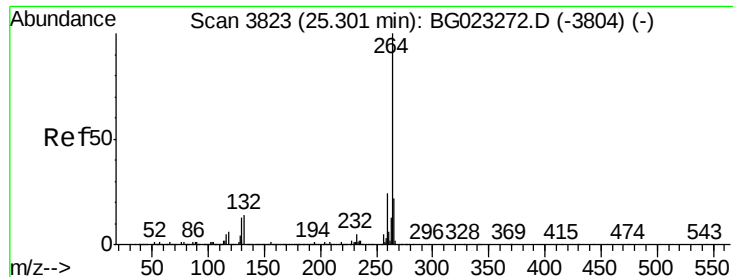


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.30 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

Instrument :
BNA_G
ClientSampleId :
GW-13-6.0-15.0

Tgt Ion: 264 Resp: 1162224

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.6	18.9	28.3

