

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024718.D
 Acq On : 5 Nov 2016 18:29
 Operator : UM/SJ
 Sample : H5527-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-105-11.25-30.0

Quant Time: Nov 06 23:50:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

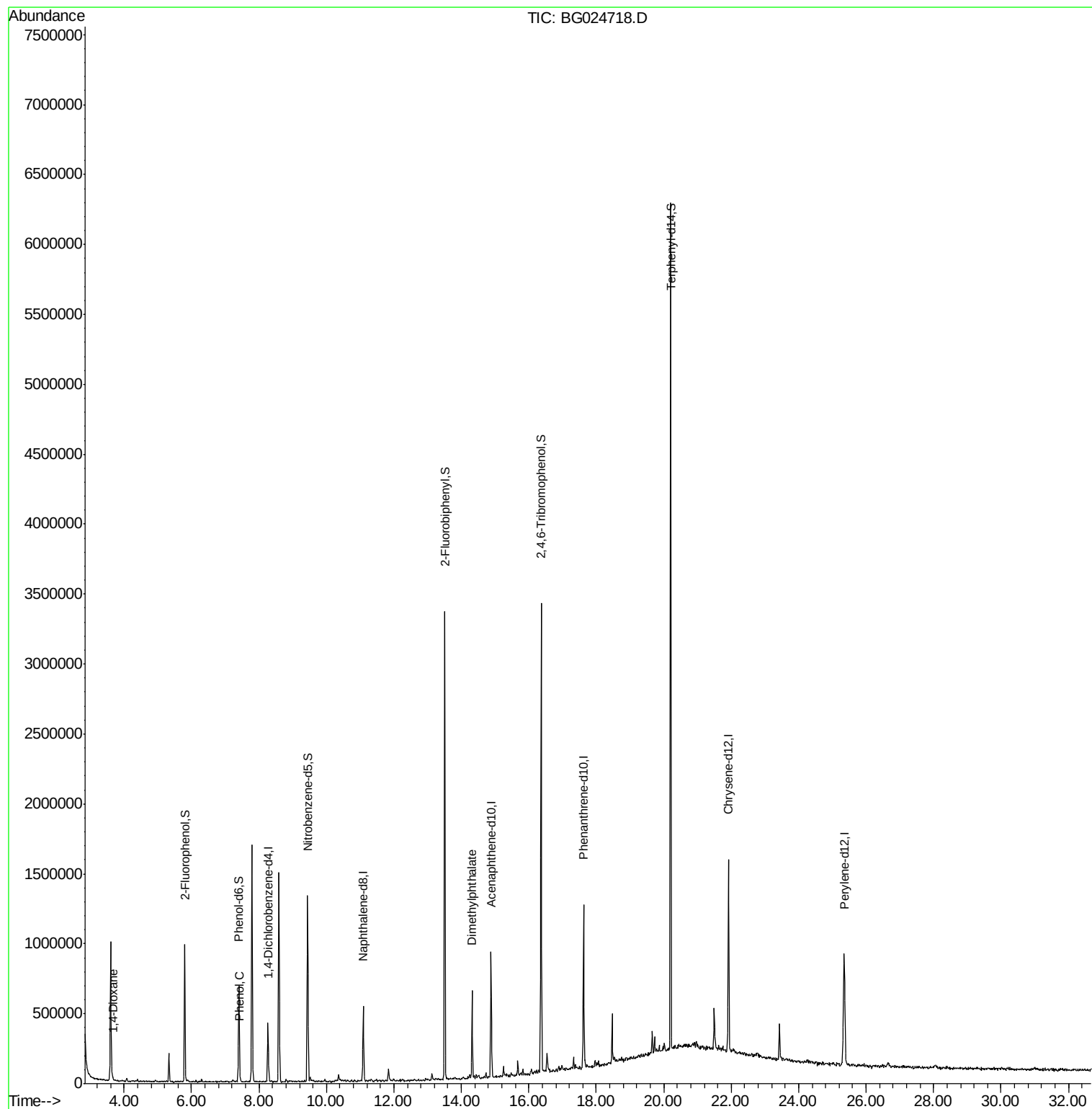
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	105717	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	436631	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	341480	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	746563	20.00	ng	0.00
75) Chrysene-d12	21.92	240	946992	20.00	ng	0.00
86) Perylene-d12	25.35	264	1008141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	403697	62.59	ng	0.00
7) Phenol-d6	7.40	99	368519	41.65	ng	0.00
23) Nitrobenzene-d5	9.44	82	830138	86.56	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	666476	130.64	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1720816	83.76	ng	0.00
78) Terphenyl-d14	20.21	244	2545556	80.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.67	88	5484	2.08	ng	Qvalue # 80
10) Phenol	7.43	94	21325	2.34	ng	93
49) Dimethylphthalate	14.32	163	378333	15.61	ng	98

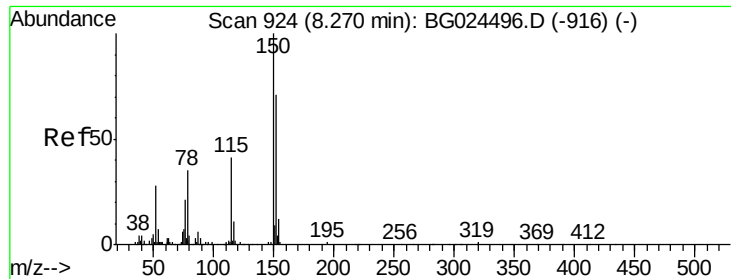
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

Instrument :

BNA_G

ClientSampleId :

GW-105-11.25-30.0

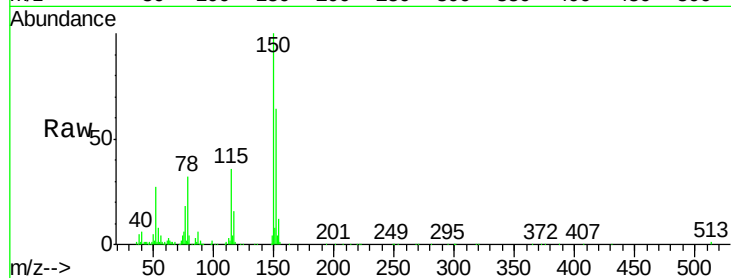
Tot Ion:152 Resp: 105717

Ion Ratio Lower Upper

152 100

150 156.6 114.0 171.0

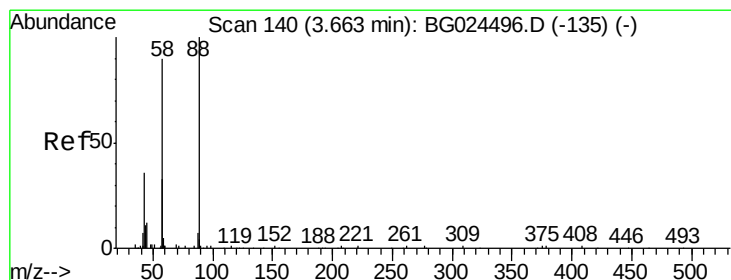
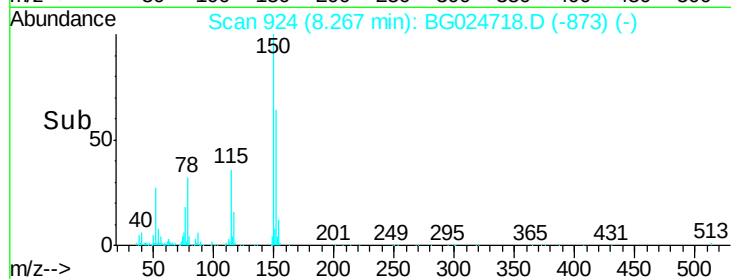
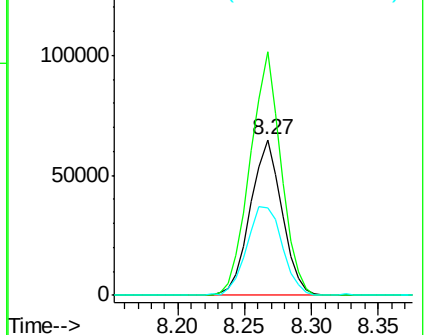
115 56.0 48.1 72.1



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



#2

1,4-Dioxane

Concen: 2.08 ng

RT: 3.67 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

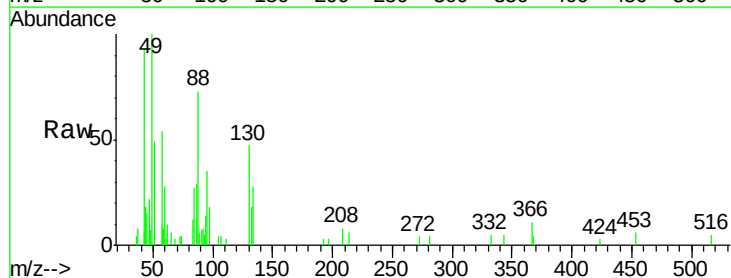
Tgt Ion: 88 Resp: 5484

Ion Ratio Lower Upper

88 100

58 121.0 79.4 119.2#

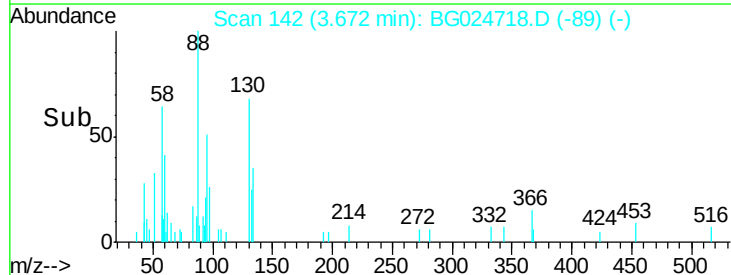
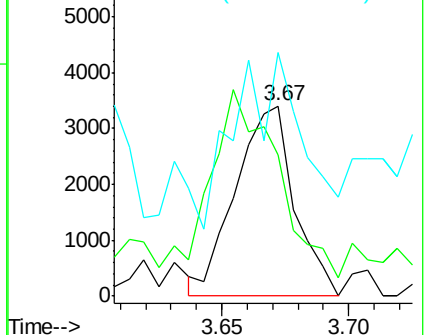
43 51.3 33.8 50.6#

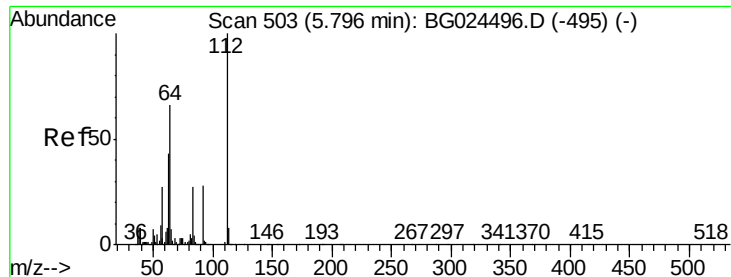


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 62.59 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

Instrument :

BNA_G

ClientSampleId :

GW-105-11.25-30.0

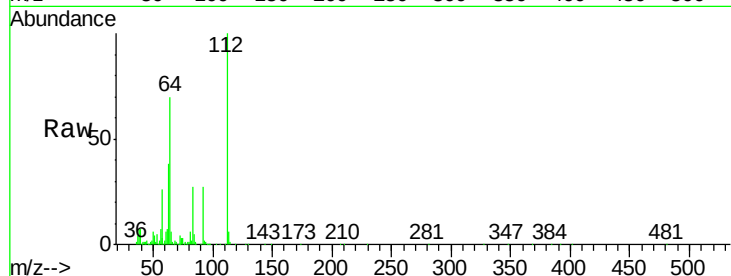
Tot Ion:112 Resp: 403697

Ion Ratio Lower Upper

112 100

64 69.5 61.8 92.6

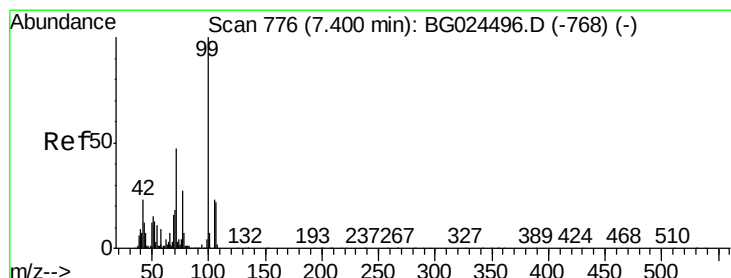
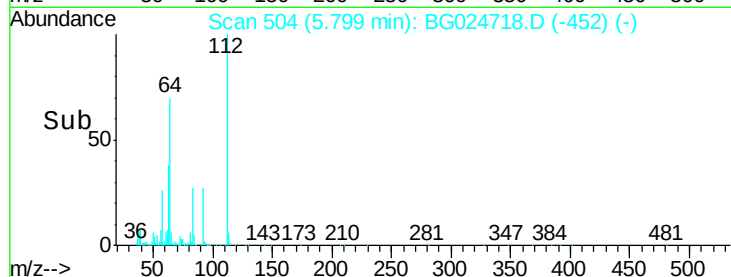
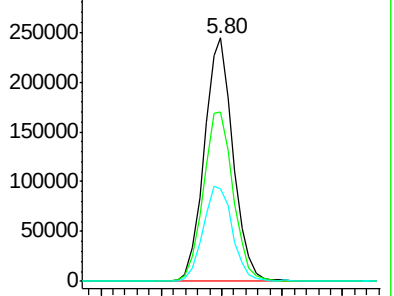
63 38.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 41.65 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

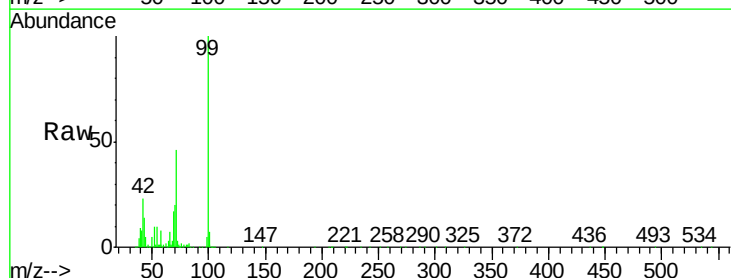
Tgt Ion: 99 Resp: 368519

Ion Ratio Lower Upper

99 100

42 22.6 20.5 30.7

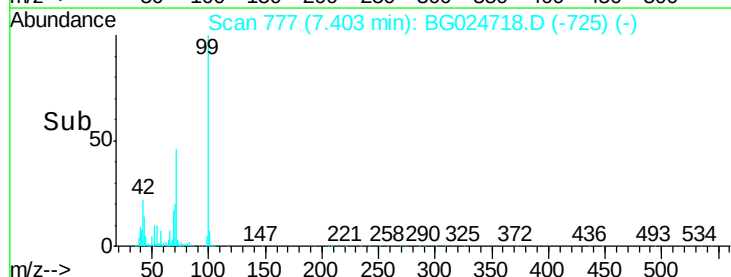
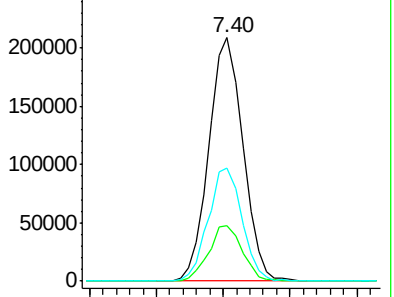
71 46.5 37.6 56.4

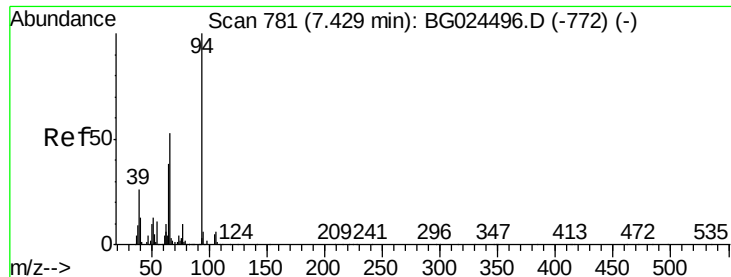


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 2.34 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

Instrument :

BNA_G

ClientSampleId :

GW-105-11.25-30.0

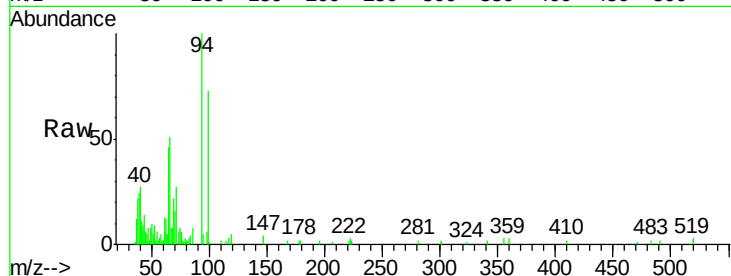
Tot Ion: 94 Resp: 21325

Ion Ratio Lower Upper

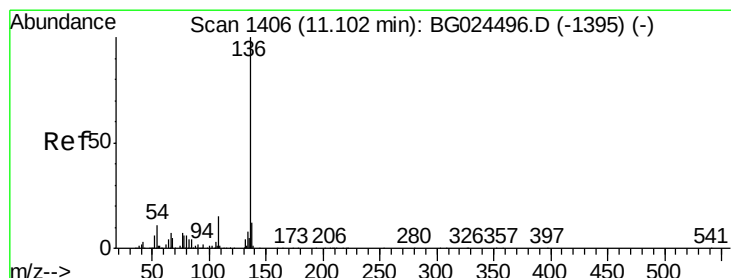
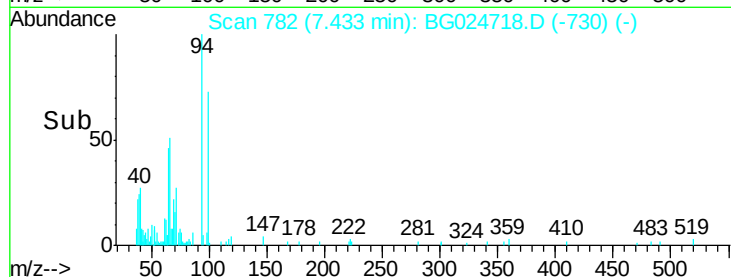
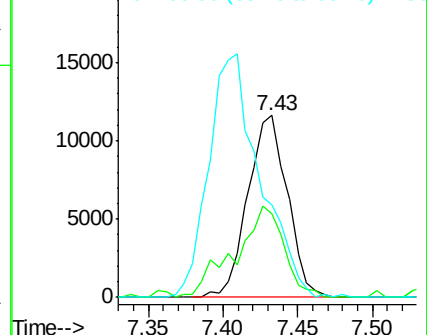
94 100

65 46.0 20.6 60.6

66 50.7 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

Tgt Ion: 136 Resp: 436631

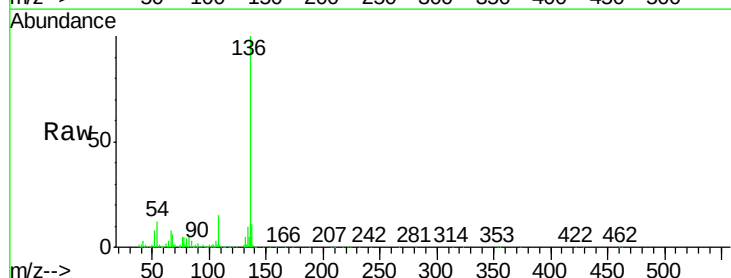
Ion Ratio Lower Upper

136 100

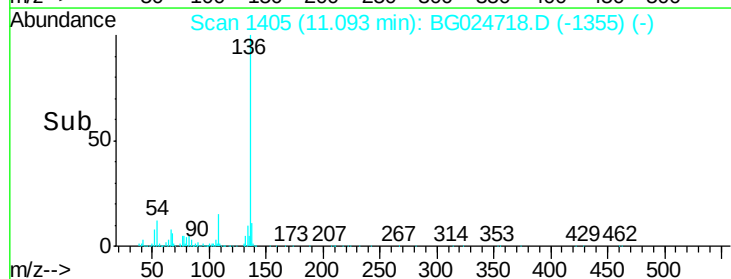
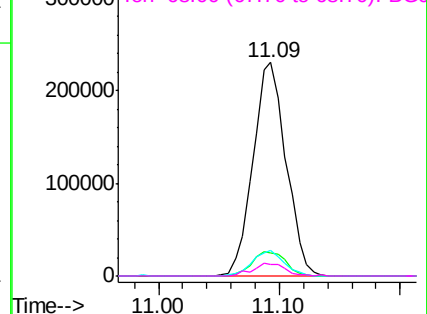
137 10.6 8.9 13.3

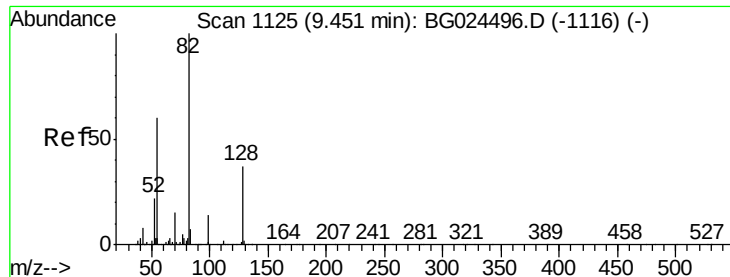
54 12.1 9.3 13.9

68 5.5 5.1 7.7



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

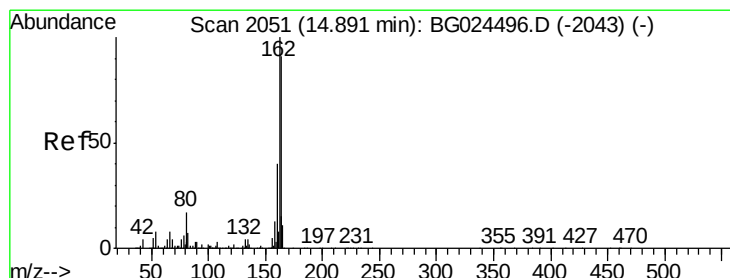
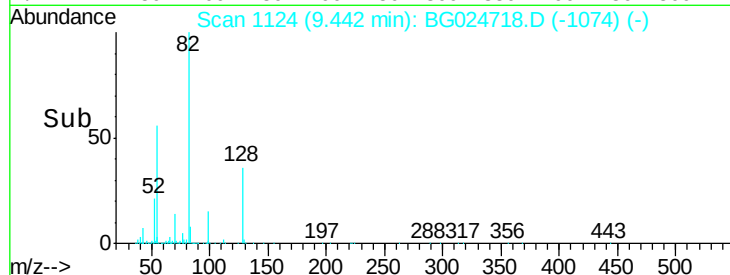
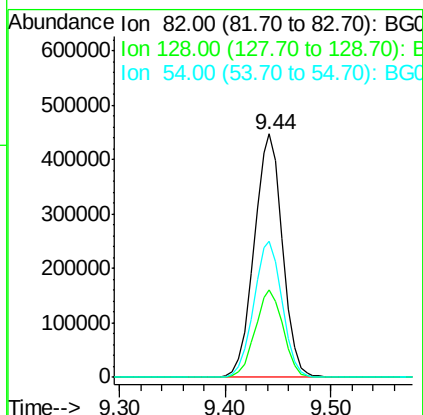
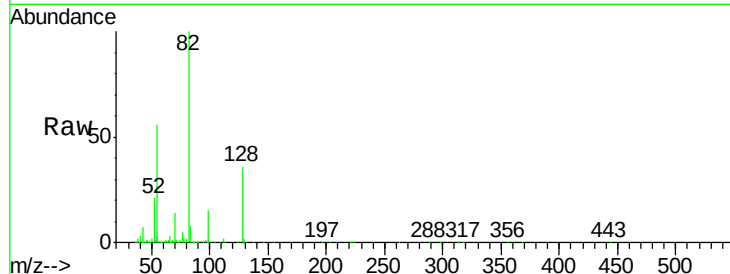




#23
 Nitrobenzene-d5
 Concen: 86.56 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024718.D
 Acq: 5 Nov 2016 18:29

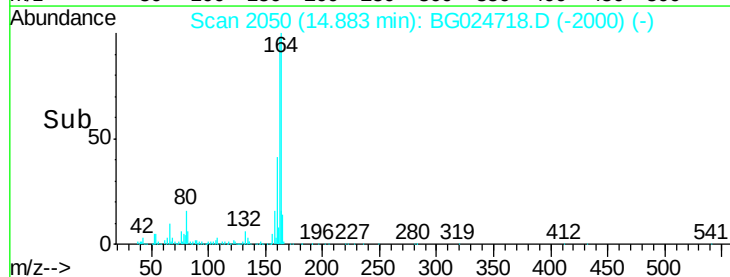
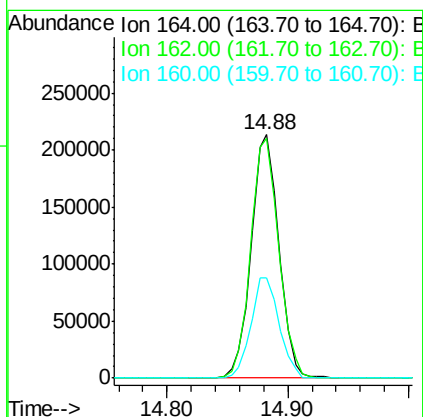
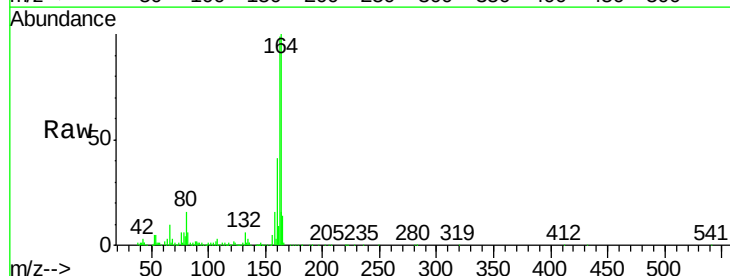
Instrument :
 BNA_G
 ClientSampleId :
 GW-105-11.25-30.0

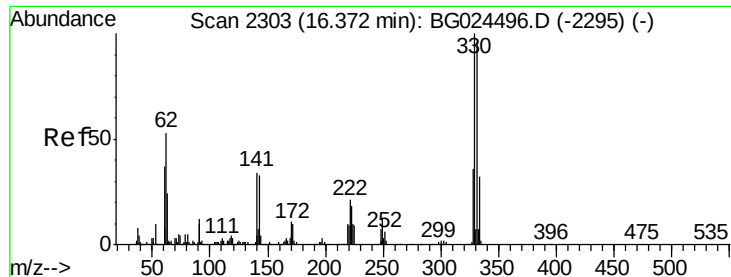
Tot Ion	82	Resp	830138
Ion Ratio	Lower	Upper	
82	100		
128	36.2	26.4	39.6
54	55.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024718.D
 Acq: 5 Nov 2016 18:29

Tgt Ion	164	Resp	341480
Ion Ratio	Lower	Upper	
164	100		
162	98.7	85.1	127.7
160	41.0	34.7	52.1

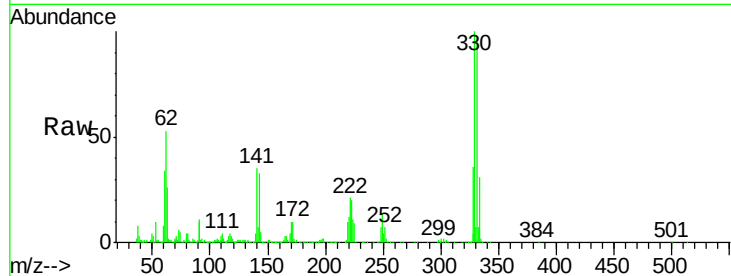




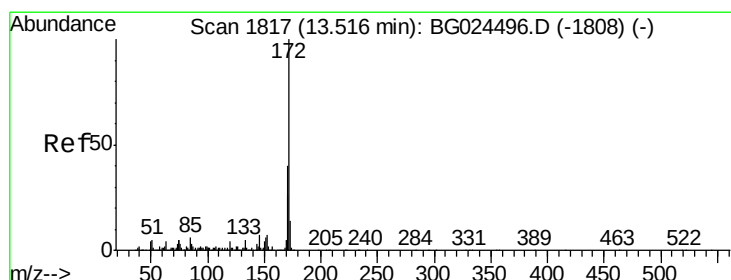
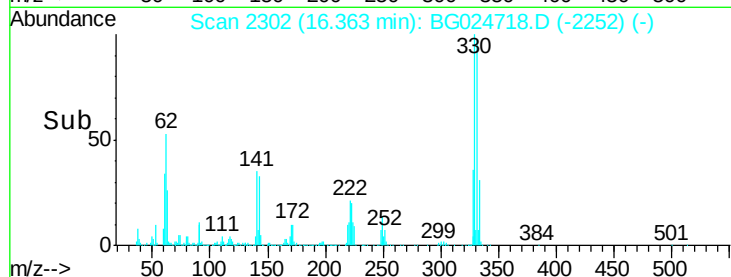
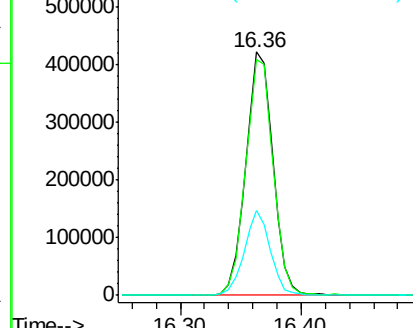
#41
2,4,6-Tribromophenol
Concen: 130.64 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024718.D
Acq: 5 Nov 2016 18:29

Instrument :
BNA_G
ClientSampleId :
GW-105-11.25-30.0

Tot Ion:330 Resp: 666476
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 33.0 32.1 48.1

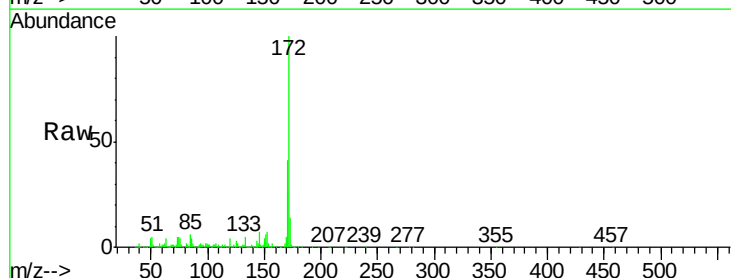


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

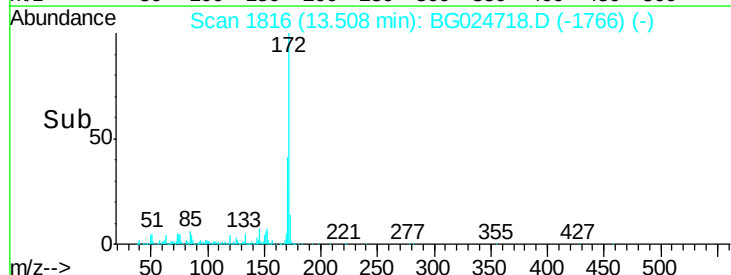
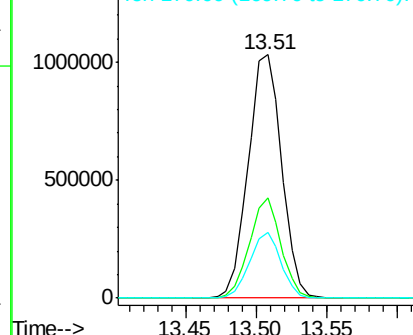


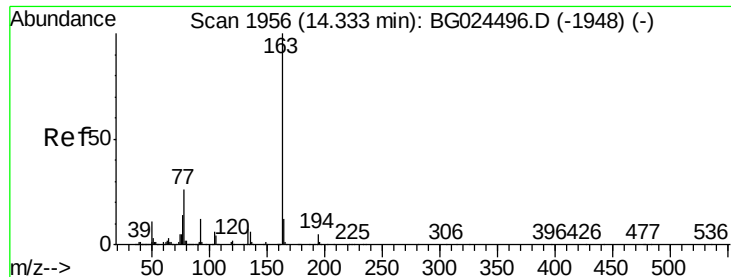
#44
2-Fluorobiphenyl
Concen: 83.76 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024718.D
Acq: 5 Nov 2016 18:29

Tgt Ion:172 Resp: 1720816
Ion Ratio Lower Upper
172 100
171 41.3 32.2 48.2
170 27.0 21.8 32.6



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





#49

Dimethylphthalate

Concen: 15.61 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

Instrument :

BNA_G

ClientSampleId :

GW-105-11.25-30.0

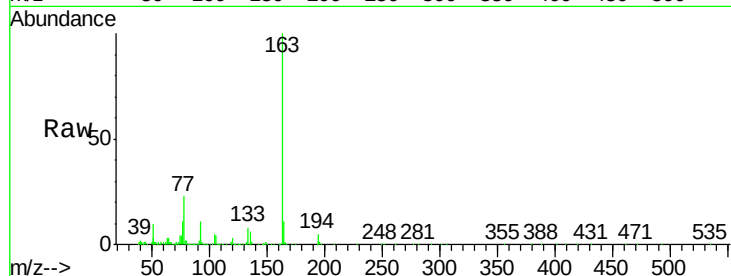
Tot Ion:163 Resp: 378333

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

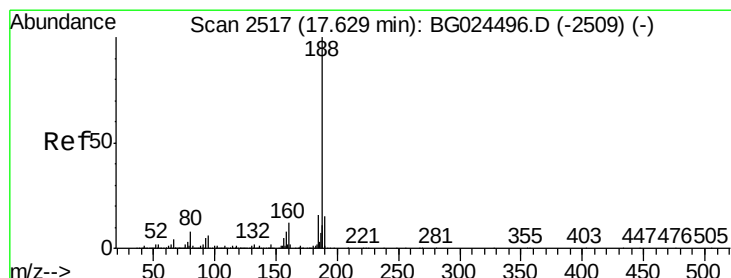
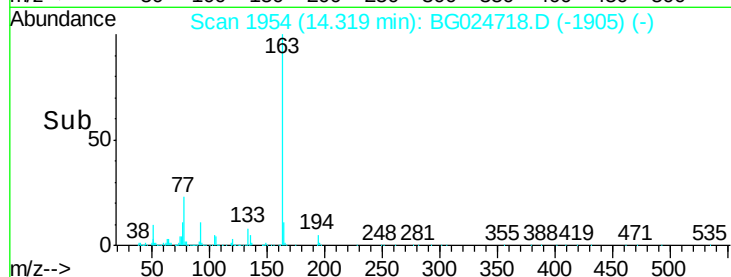
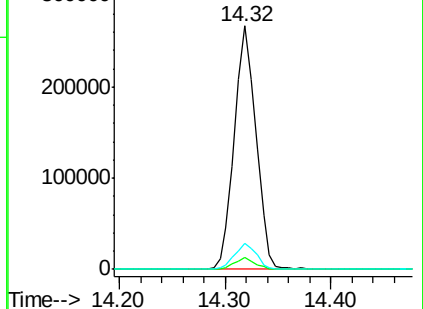
164 10.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

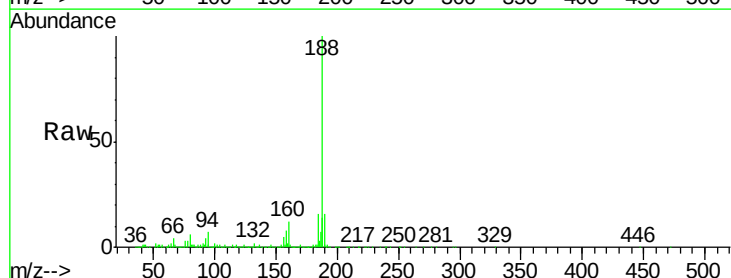
Tgt Ion:188 Resp: 746563

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

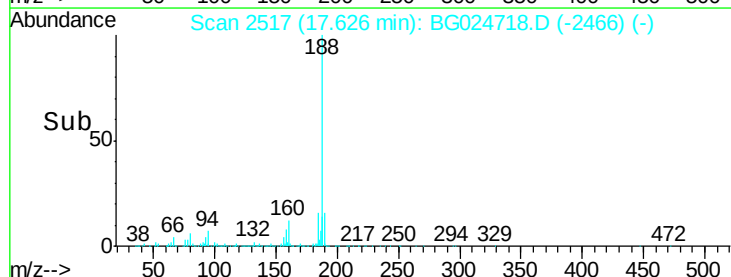
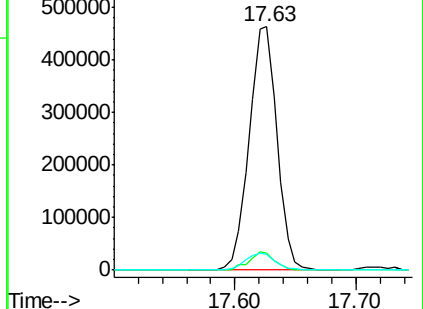
80 6.3 7.5 11.3#

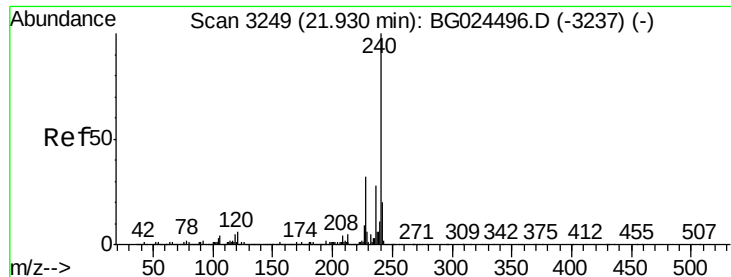


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

Instrument :

BNA_G

ClientSampleId :

GW-105-11.25-30.0

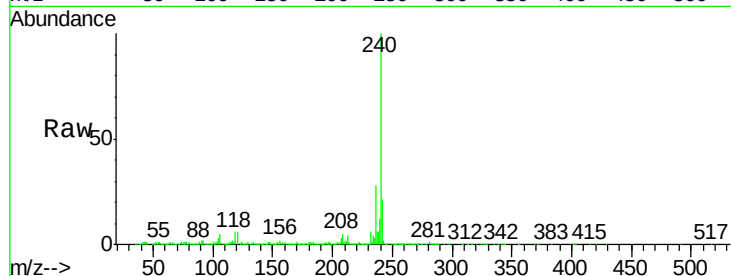
Tot Ion:240 Resp: 946992

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

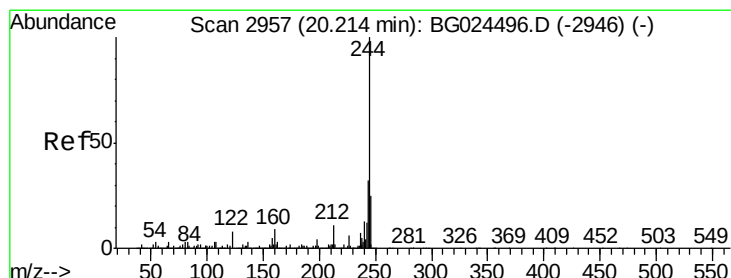
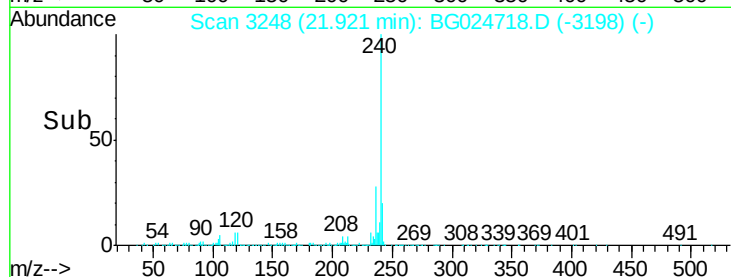
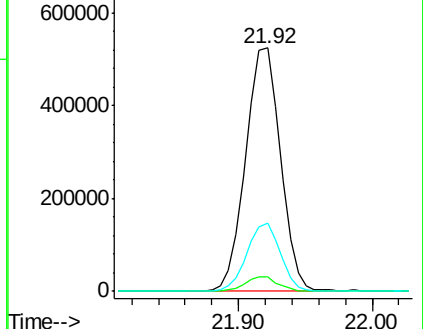
236 27.8 22.2 33.4



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: 80.32 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024718.D

Acq: 5 Nov 2016 18:29

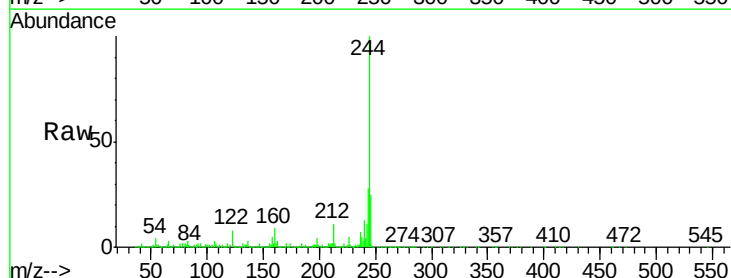
Tgt Ion:244 Resp: 2545556

Ion Ratio Lower Upper

244 100

212 10.9 10.0 15.0

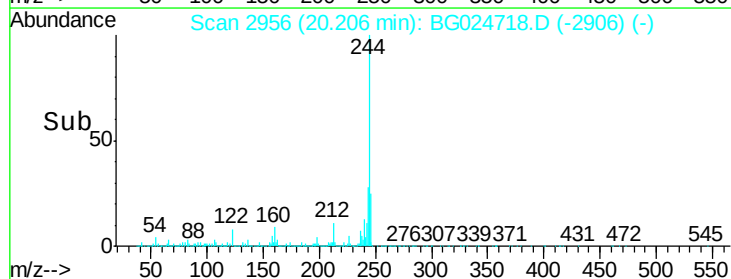
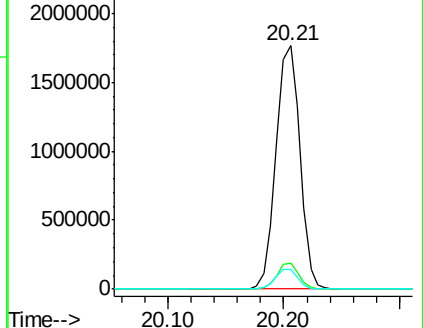
122 8.2 8.6 12.8#

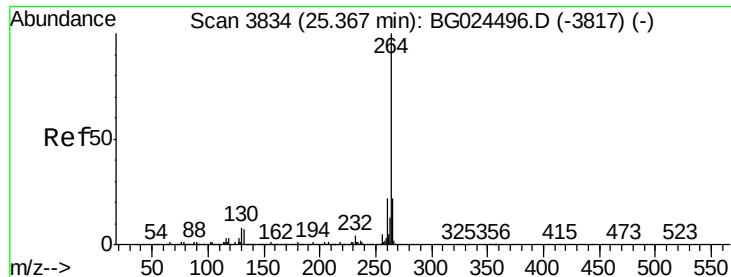


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BG024718.D
 Acq: 5 Nov 2016 18:29

Instrument :
 BNA_G
 ClientSampleId :
 GW-105-11.25-30.0

Tot Ion:264 Resp: 1008141

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.0	18.2	27.4

