

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024757.D
 Acq On : 8 Nov 2016 13:31
 Operator : UM/SJ
 Sample : H5544-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-109-9.6-18.0

Quant Time: Nov 08 15:15:20 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

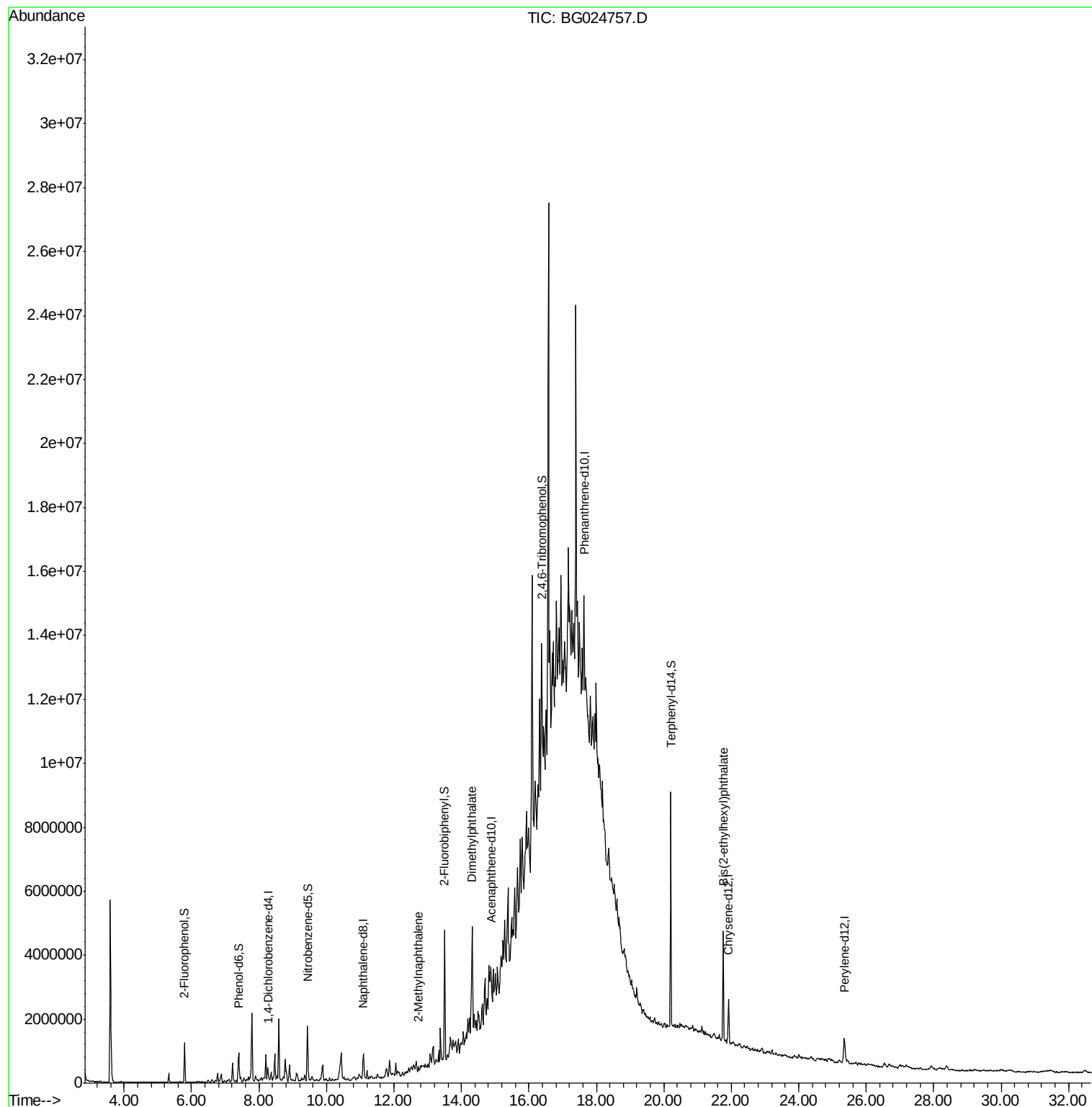
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	116937	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	452222	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	340676	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	748963	20.00	ng	0.01
75) Chrysene-d12	21.92	240	963312	20.00	ng	-0.01
86) Perylene-d12	25.35	264	990345	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	487277	68.30	ng	0.00
7) Phenol-d6	7.40	99	433989	44.34	ng	0.00
23) Nitrobenzene-d5	9.44	82	1001148	100.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.38	330	838398	164.73	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	2087397	101.84	ng	-0.01
78) Terphenyl-d14	20.21	244	2963989	91.94	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.73	142	42209	2.56	ng	# 95
49) Dimethylphthalate	14.31	163	125952	5.21	ng	# 89
83) Bis(2-ethylhexyl)phthalate	21.76	149	1397625	49.77	ng	# 98

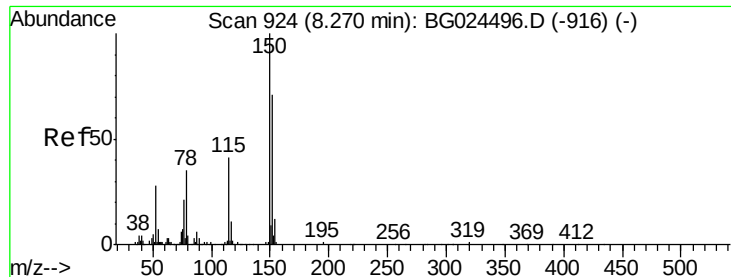
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 11:14:13 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

Instrument :

BNA_G

ClientSampleId :

GW-109-9.6-18.0

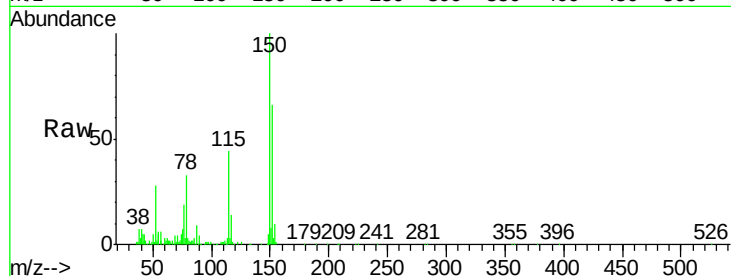
Tot Ion:152 Resp: 116937

Ion Ratio Lower Upper

152 100

150 151.1 114.0 171.0

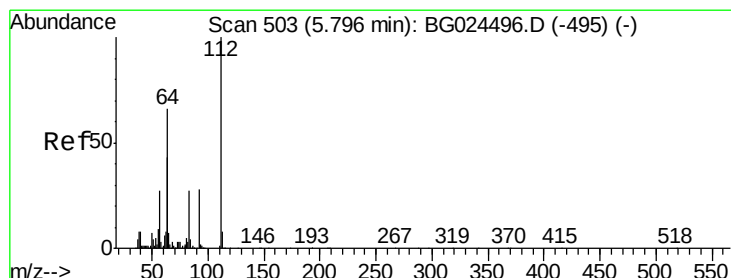
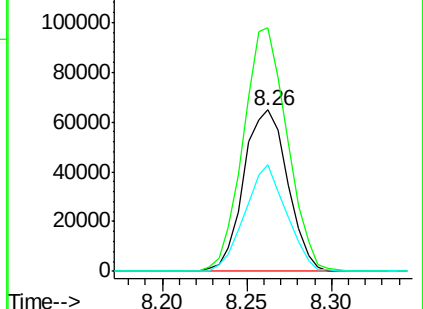
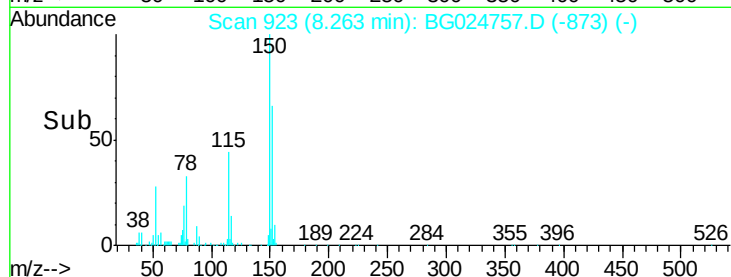
115 65.8 48.1 72.1



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: 68.30 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

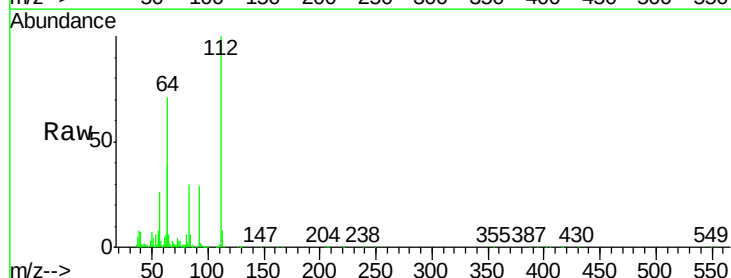
Tgt Ion:112 Resp: 487277

Ion Ratio Lower Upper

112 100

64 71.1 61.8 92.6

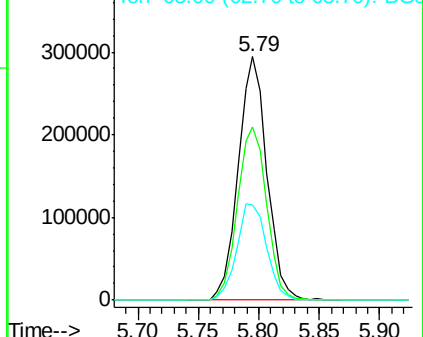
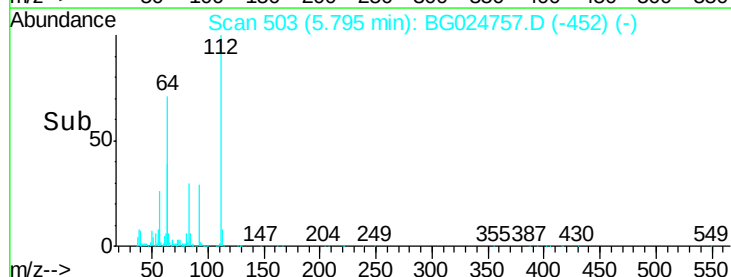
63 39.2 37.2 55.8

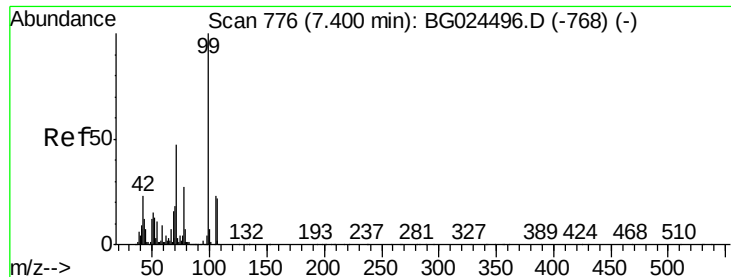


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.34 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

Instrument :

BNA_G

ClientSampleId :

GW-109-9.6-18.0

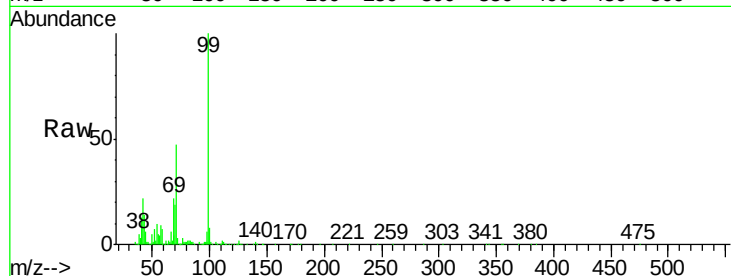
Tot Ion: 99 Resp: 433989

Ion Ratio Lower Upper

99 100

42 22.0 20.5 30.7

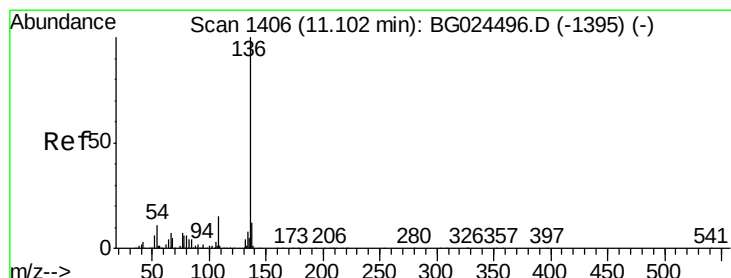
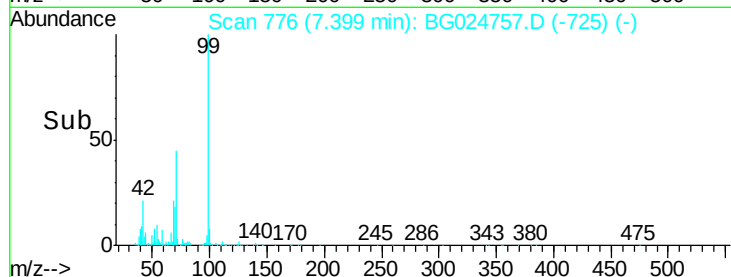
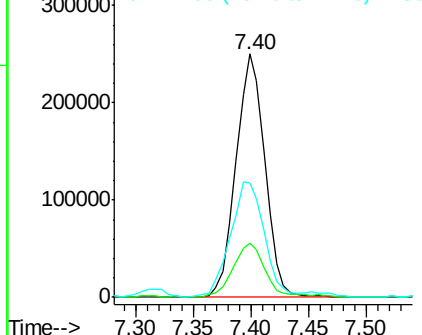
71 46.8 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

Tgt Ion: 136 Resp: 452222

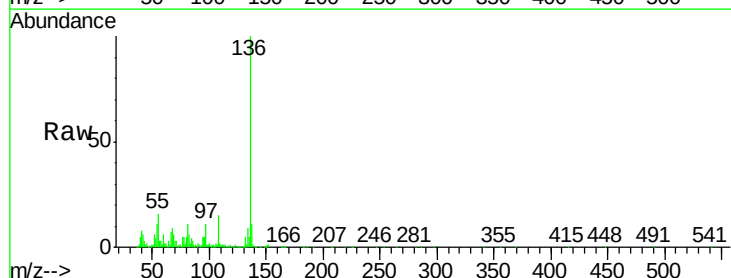
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 11.3 9.3 13.9

68 9.1 5.1 7.7#

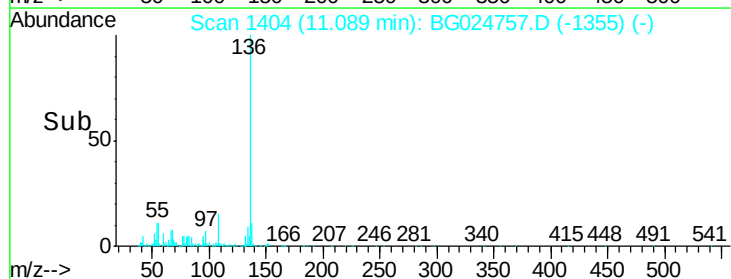
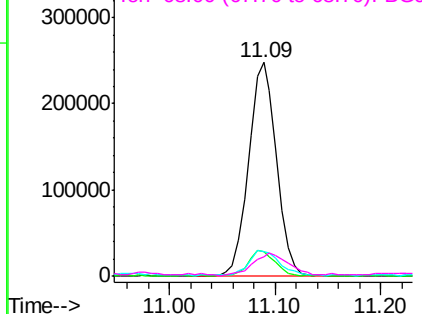


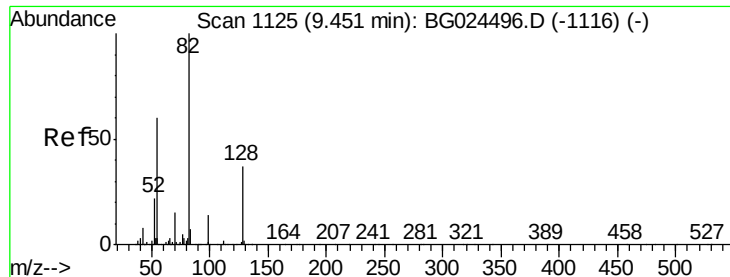
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 100.80 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

Instrument :

BNA_G

ClientSampleId :

GW-109-9.6-18.0

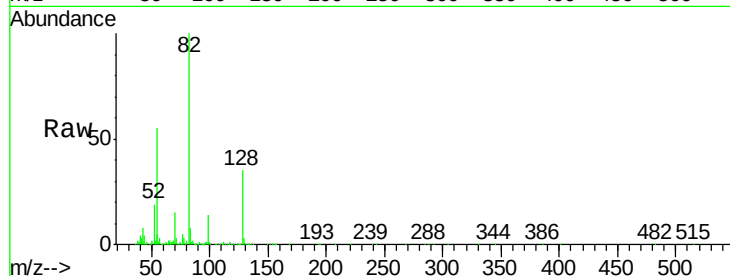
Tot Ion: 82 Resp: 1001148

Ion Ratio Lower Upper

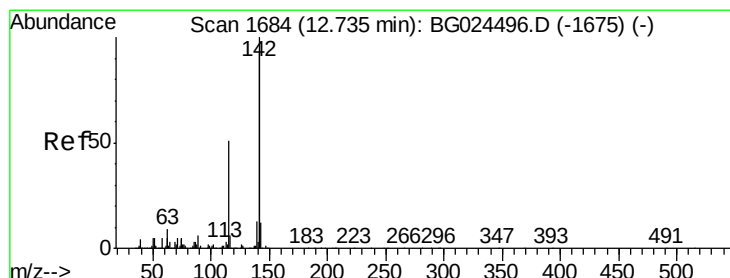
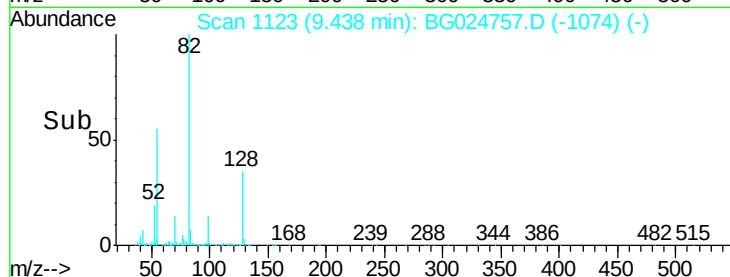
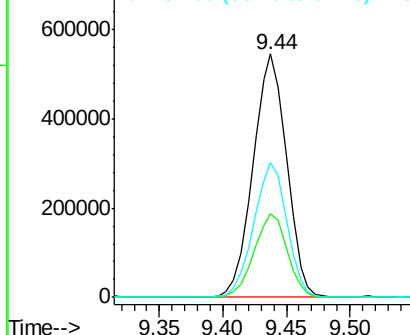
82 100

128 34.5 26.4 39.6

54 55.2 49.4 74.2



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



#37

2-Methylnaphthalene

Concen: 2.56 ng

RT: 12.73 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

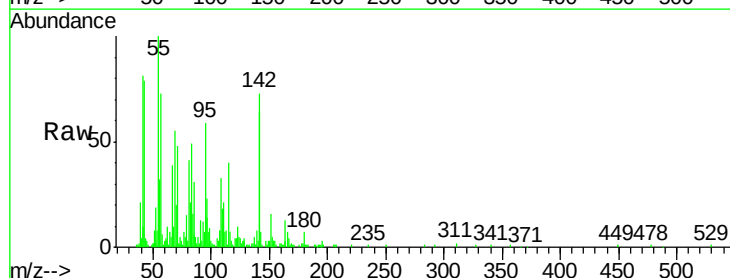
Tgt Ion: 142 Resp: 42209

Ion Ratio Lower Upper

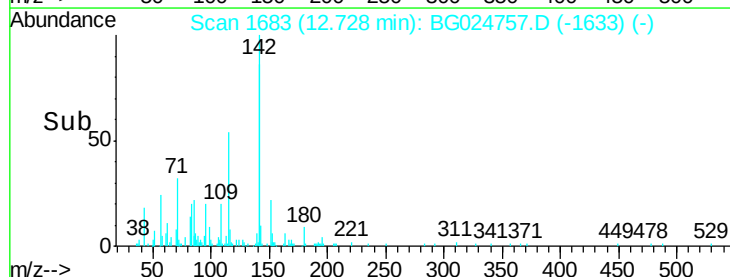
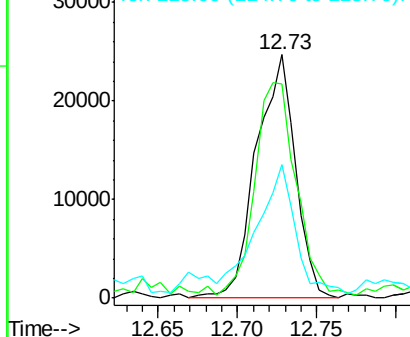
142 100

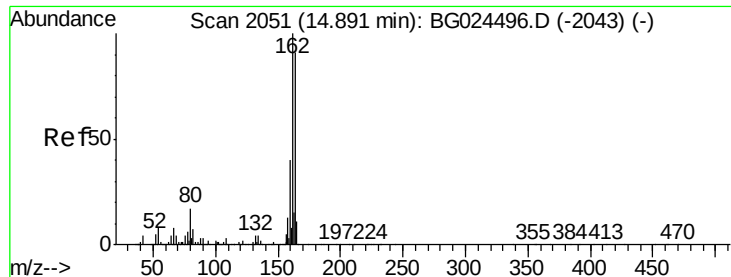
141 88.2 70.4 105.6

115 54.7 35.5 53.3#



Abundance Ion 142.00 (141.70 to 142.70): BGC
Ion 141.00 (140.70 to 141.70): BGC
Ion 115.00 (114.70 to 115.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

Instrument :

BNA_G

ClientSampleId :

GW-109-9.6-18.0

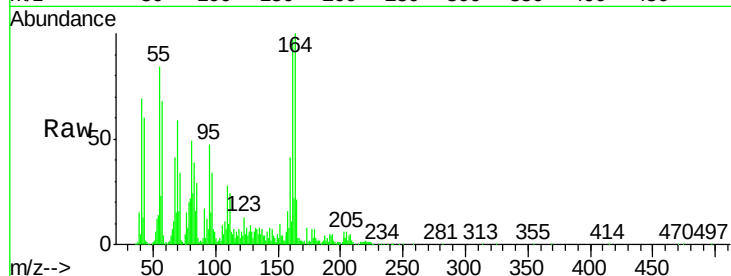
Tot Ion:164 Resp: 340676

Ion Ratio Lower Upper

164 100

162 96.8 85.1 127.7

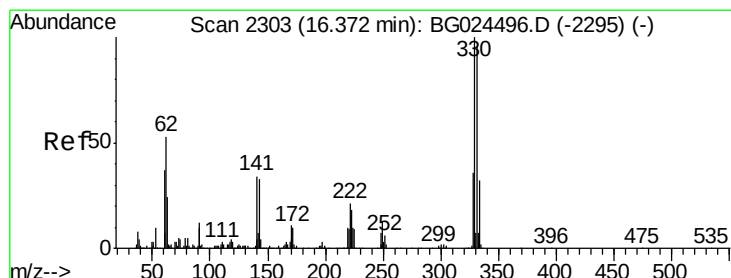
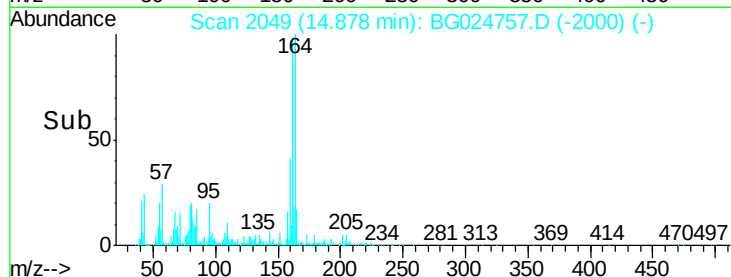
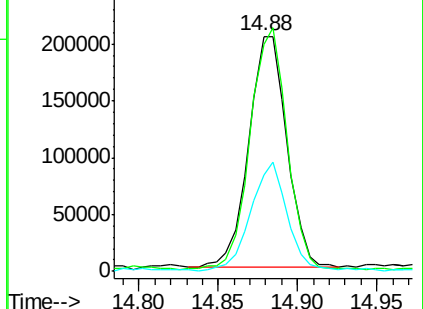
160 40.9 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 164.73 ng

RT: 16.38 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

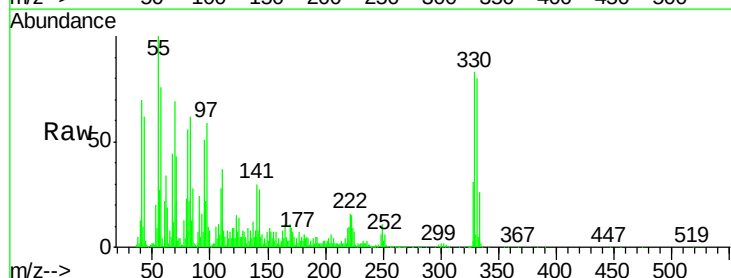
Tgt Ion:330 Resp: 838398

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

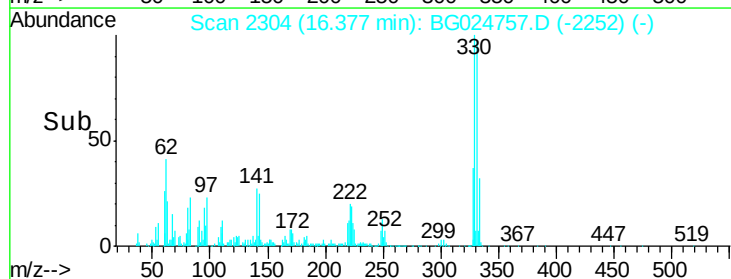
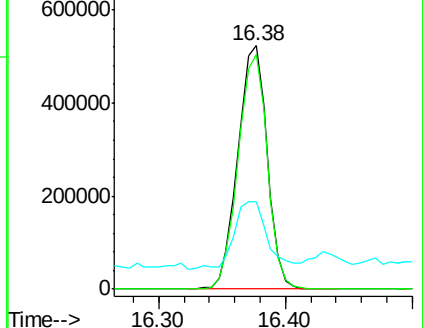
141 30.2 32.1 48.1#

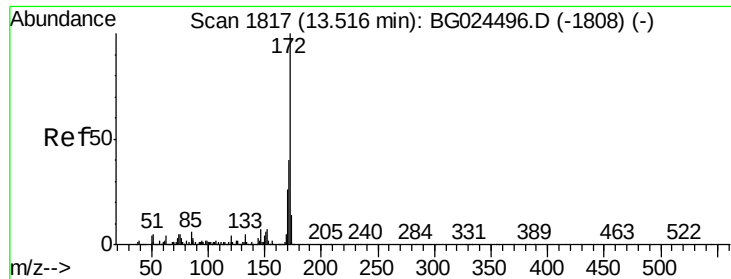


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

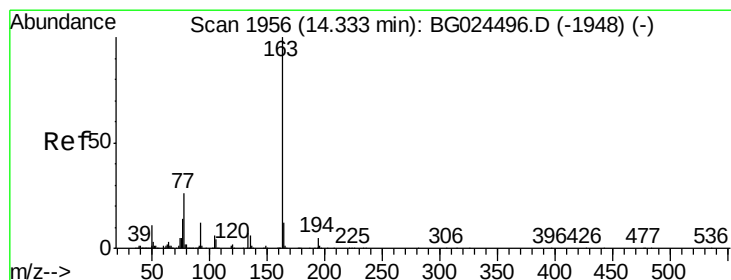
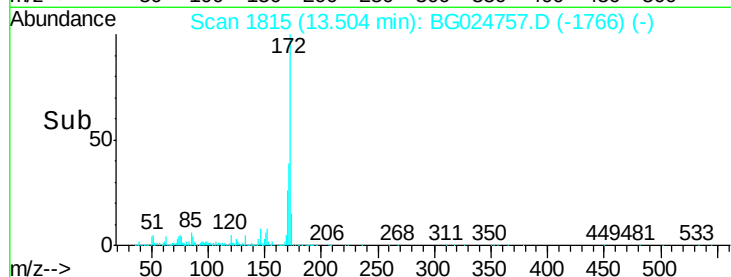
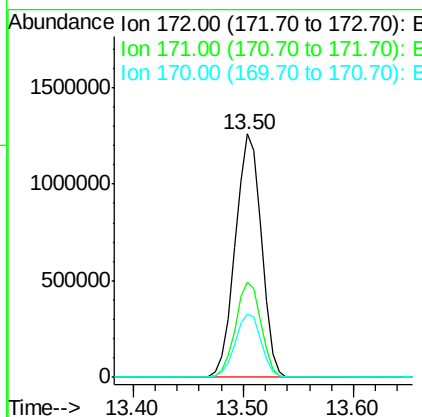
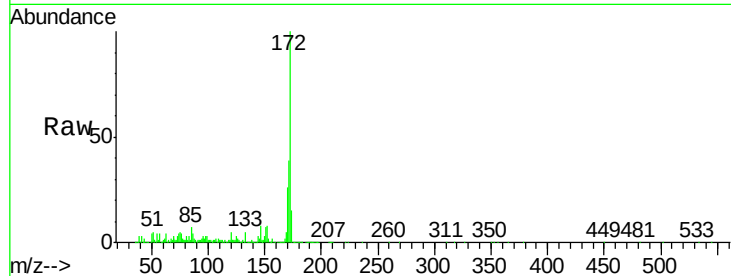




#44
2-Fluorobiphenyl
Concen: 101.84 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG024757.D
Acq: 8 Nov 2016 13:31

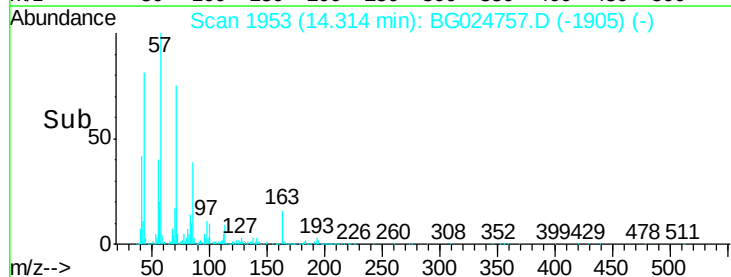
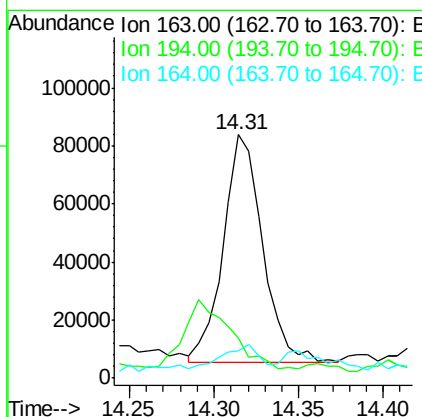
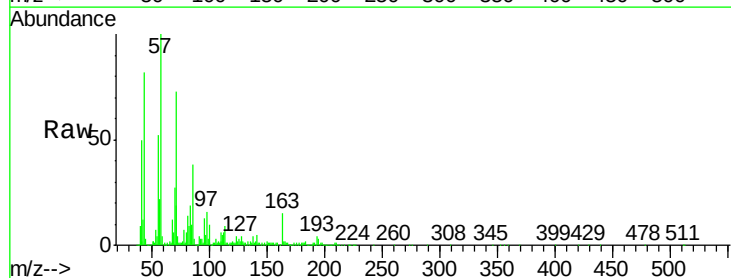
Instrument :
BNA_G
ClientSampleId :
GW-109-9.6-18.0

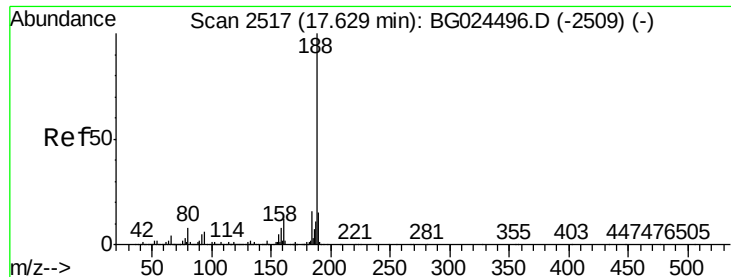
Tot Ion:172 Resp: 2087397
Ion Ratio Lower Upper
172 100
171 39.1 32.2 48.2
170 26.1 21.8 32.6



#49
Dimethylphthalate
Concen: 5.21 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG024757.D
Acq: 8 Nov 2016 13:31

Tgt Ion:163 Resp: 125952
Ion Ratio Lower Upper
163 100
194 16.4 3.8 5.6#
164 11.3 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 2519

Delta R.T. 0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

Instrument :

BNA_G

ClientSampleId :

GW-109-9.6-18.0

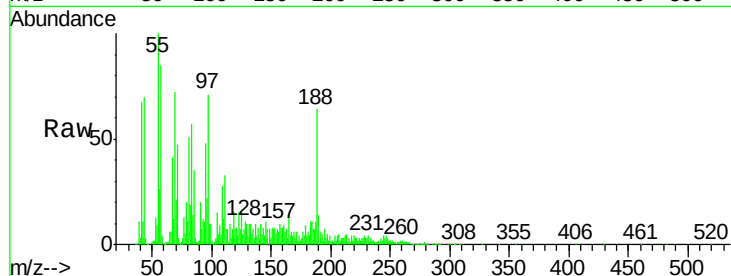
Tot Ion:188 Resp: 748963

Ion Ratio Lower Upper

188 100

94 17.2 5.8 8.8#

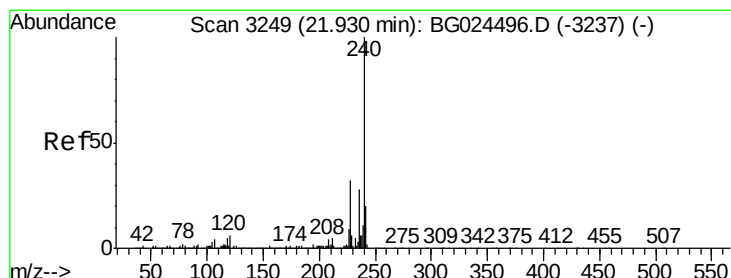
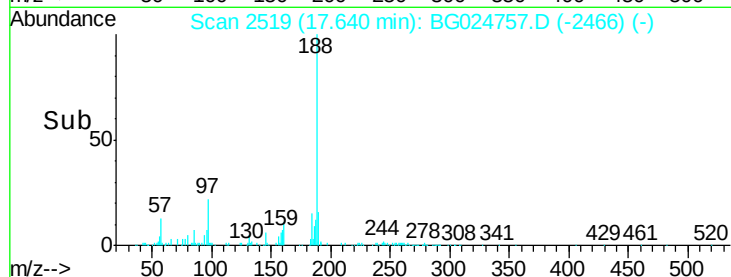
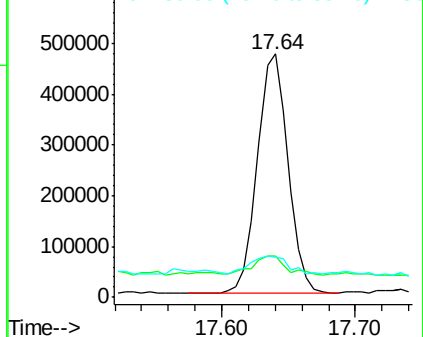
80 16.7 7.5 11.3#



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# 3247

Delta R.T. -0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

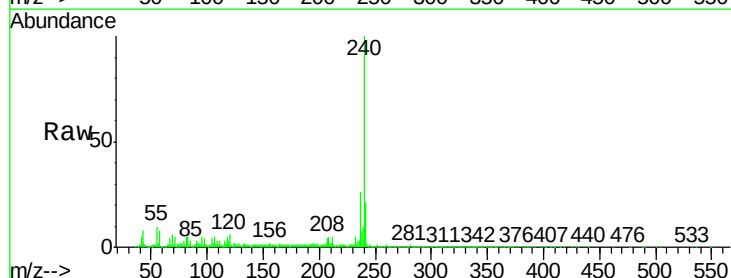
Tgt Ion:240 Resp: 963312

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

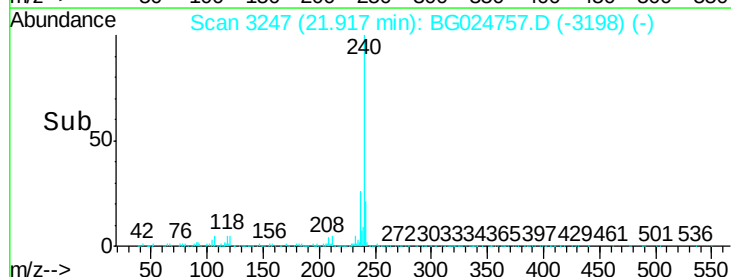
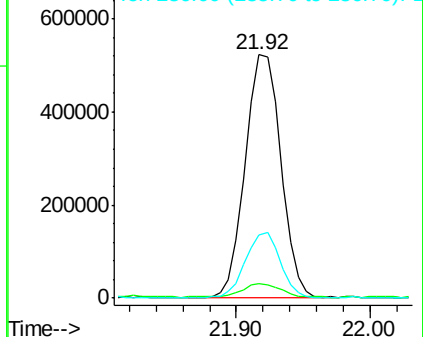
236 25.9 22.2 33.4

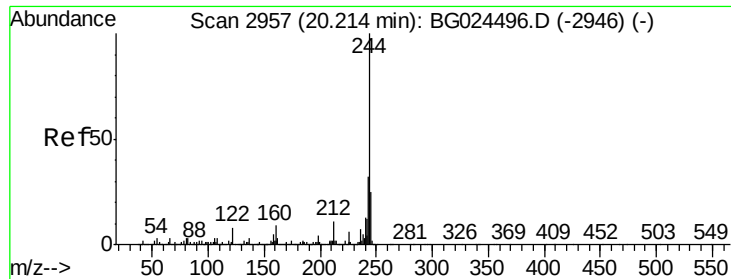


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.94 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

Instrument :

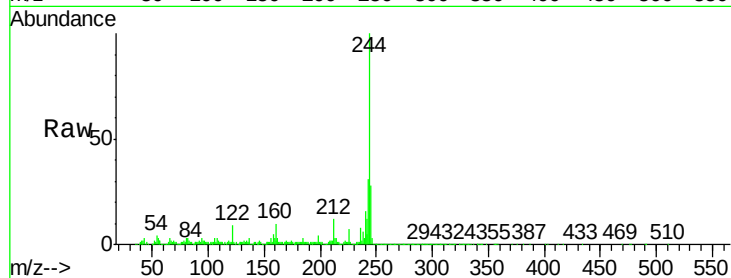
BNA_G

ClientSampleId :

GW-109-9.6-18.0

Tot Ion:244 Resp: 2963989

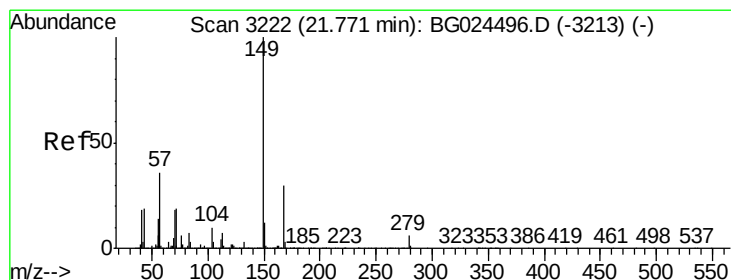
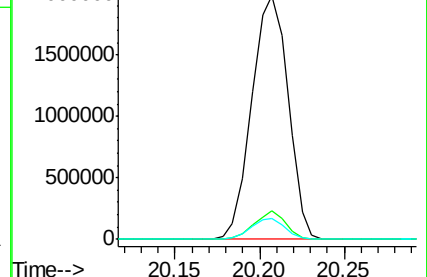
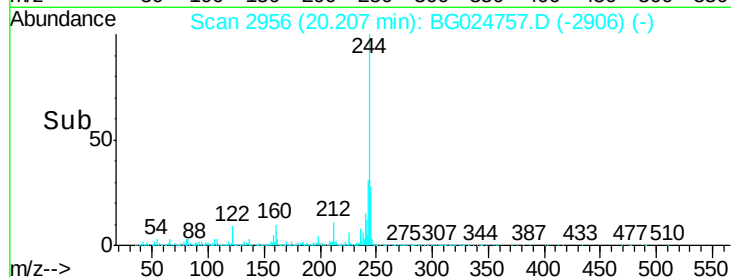
Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.0	15.0
122	8.8	8.6	12.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.77 ng

RT: 21.76 min Scan# 3220

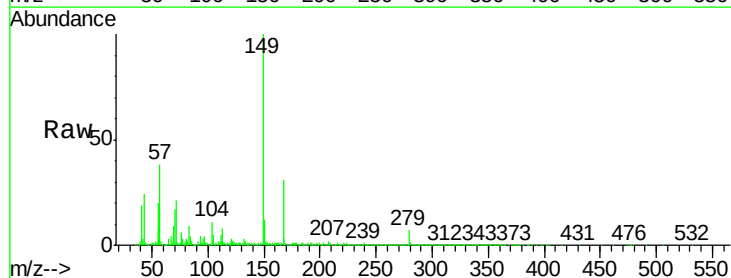
Delta R.T. -0.01 min

Lab File: BG024757.D

Acq: 8 Nov 2016 13:31

Tgt Ion:149 Resp: 1397625

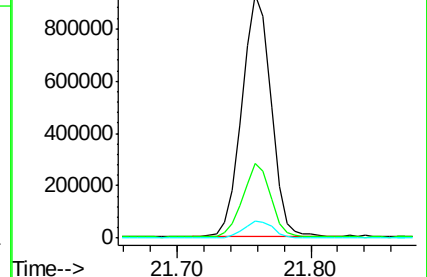
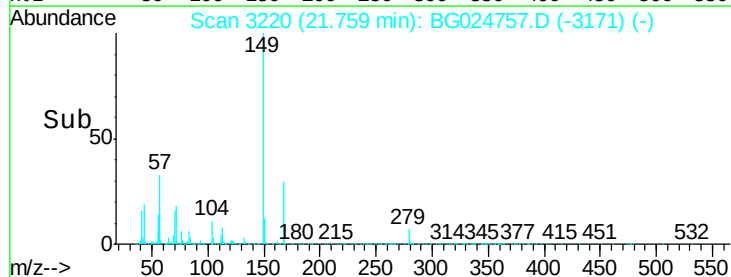
Ion	Ratio	Lower	Upper
149	100		
167	30.5	23.7	35.5
279	7.1	4.6	6.8

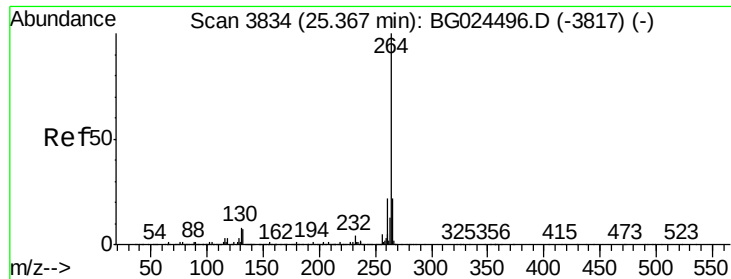


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BG024757.D
 Acq: 8 Nov 2016 13:31

Instrument :
 BNA_G
 ClientSampleId :
 GW-109-9.6-18.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	21.3	18.2	27.4

