

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020957.D
 Acq On : 19 Feb 2016 4:59
 Operator : SJ/UM
 Sample : H1397-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 19 06:09:20 2016
 Quant Method : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 03:19:11 2016
 Response via : Initial Calibration

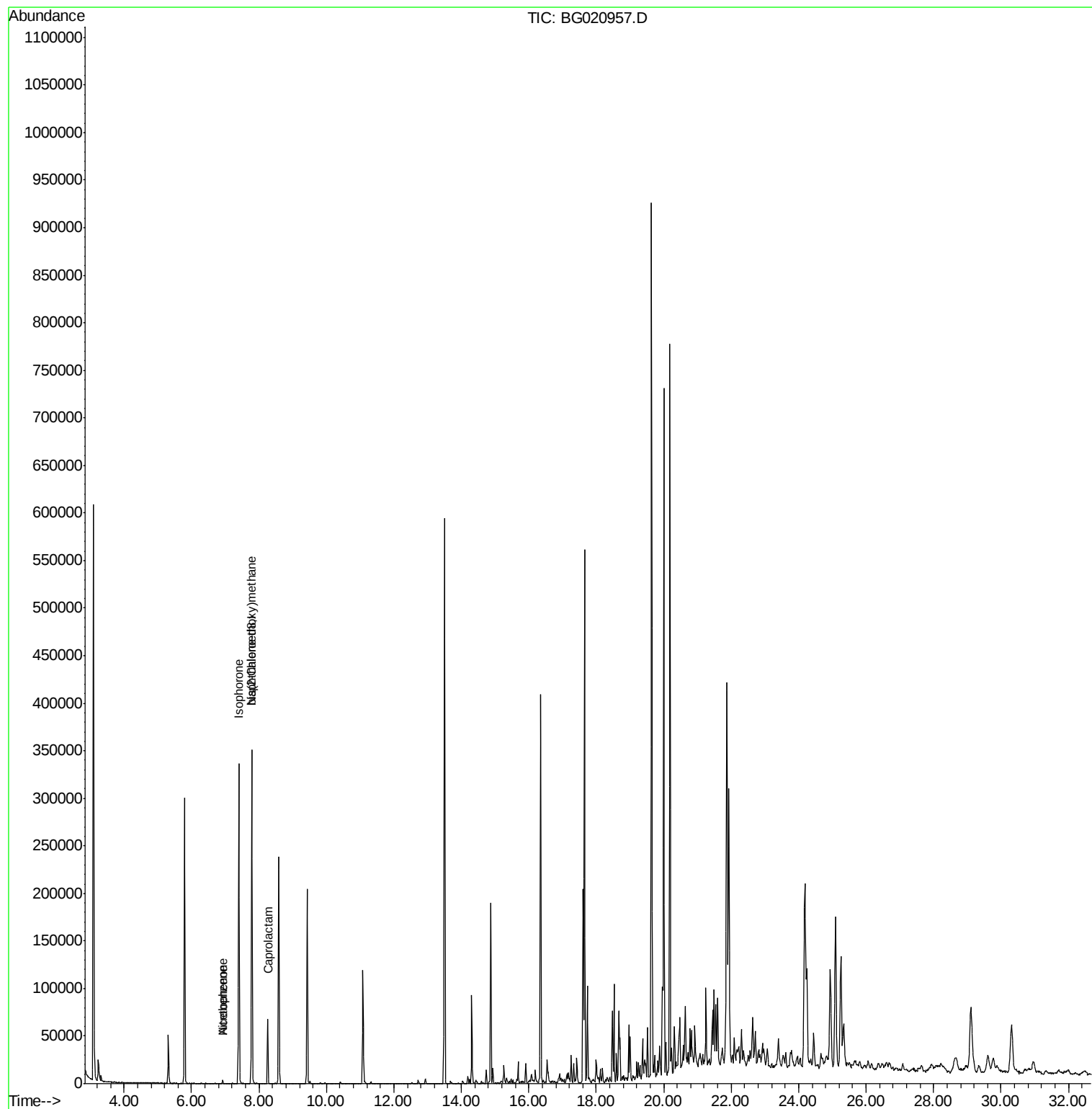
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.65
21) Naphthalene-d8	7.78	136	211	20.00	ng	-0.15
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.69
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.16
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.80
86) Perylene-d12	0.00	264	0	0.00	ng	-15.16
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
22) Acetophenone	6.93	105	112	20.14	ng	# 51
24) Nitrobenzene	6.93	77	505	125.90	ng	# 38
25) Isophorone	7.40	82	2960	406.41	ng	# 66
28) bis(2-Chloroethoxy)methane	7.78	93	124	28.70	ng	# 1
35) Caprolactam	8.26	113	440	484.88	ng	# 23

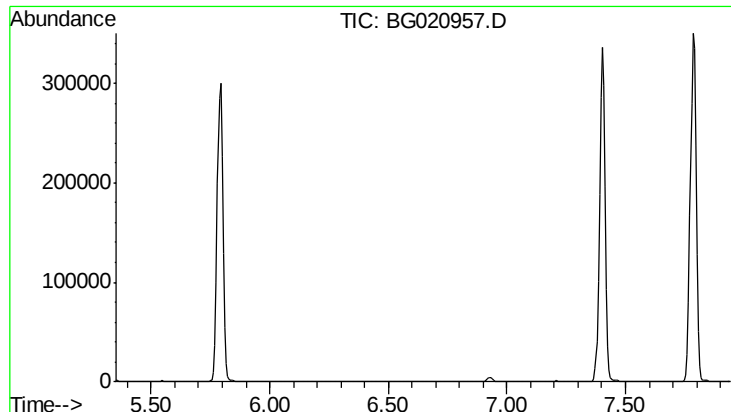
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.65 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

Instrument :

BNA_G

ClientSampleId :

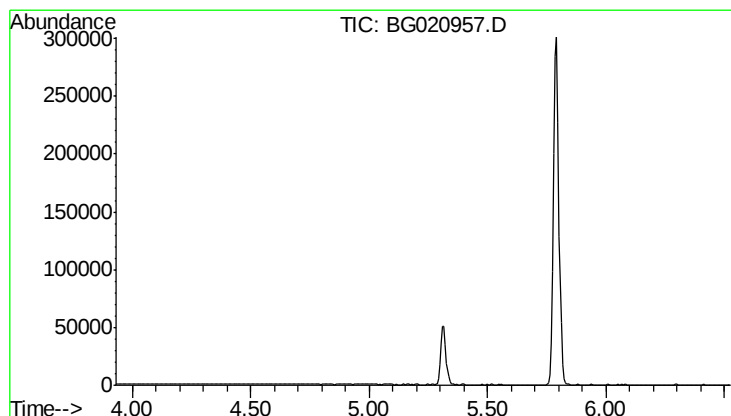
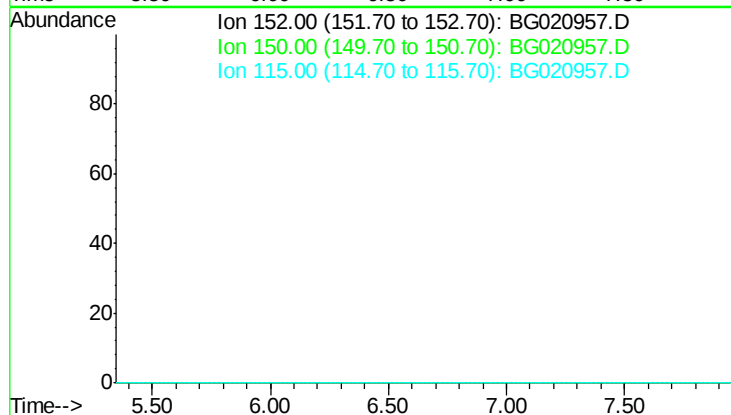
Tot Ion: 152

Sig Exp Ratio

152 100

150 153.7

115 64.3



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.23 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

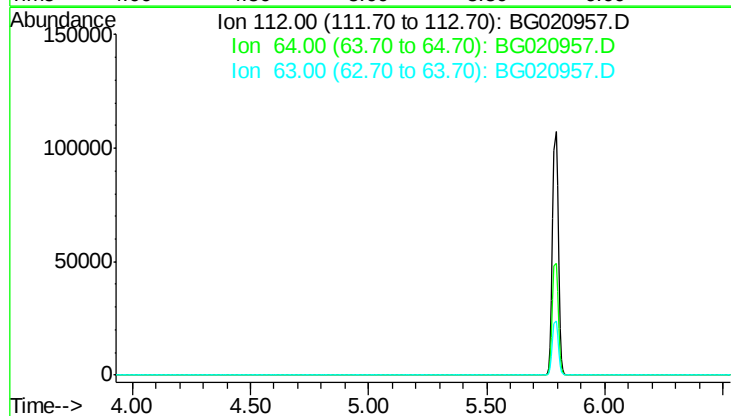
Tgt Ion: 112

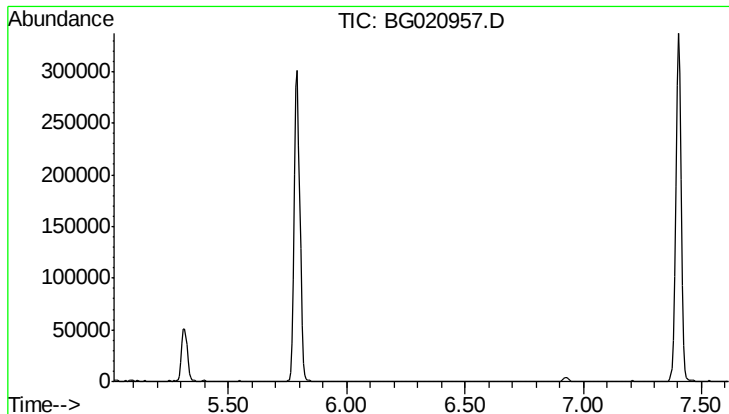
Sig Exp Ratio

112 100

64 45.8

63 24.2

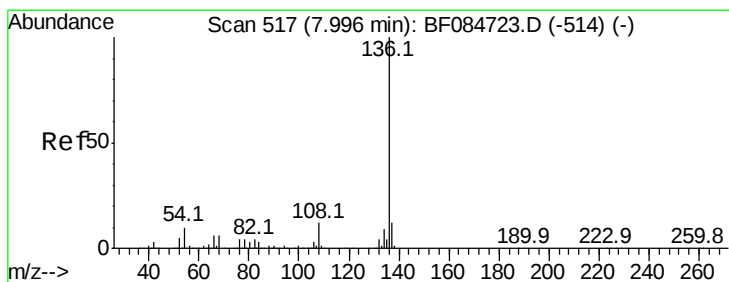
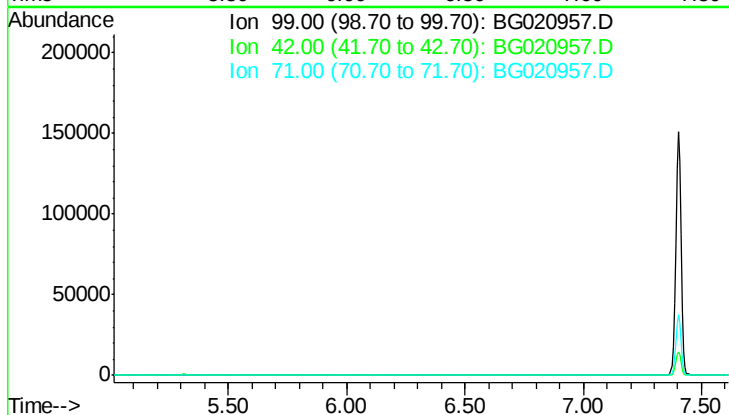




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.32 min
 Lab File: BG020957.D
 Acq: 19 Feb 2016 4:59

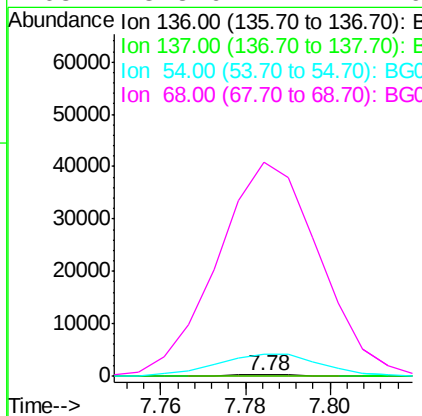
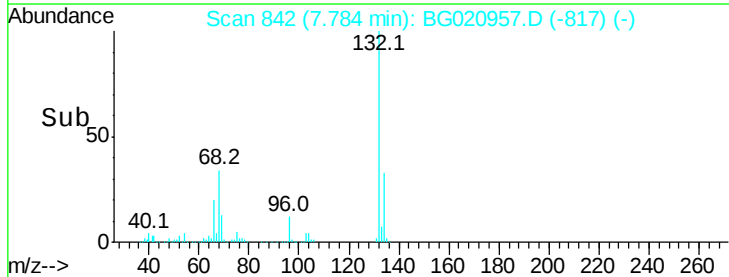
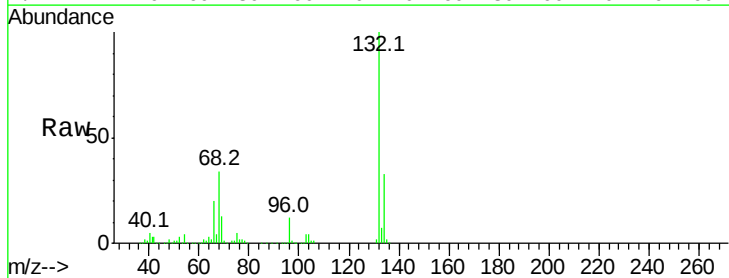
Instrument :
 BNA_G
 ClientSampleId :

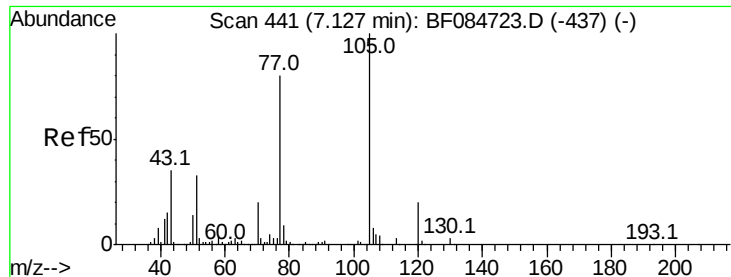
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 16.0
 71 38.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.78 min Scan# 842
 Delta R.T. -0.15 min
 Lab File: BG020957.D
 Acq: 19 Feb 2016 4:59

Tgt Ion: 136 Resp: 211
 Ion Ratio Lower Upper
 136 100
 137 0.0 8.7 13.1#
 54 1865.1 5.8 8.8#
 68 17823.6 4.2 6.2#





#22

Acetophenone

Concen: 20.14 ng

RT: 6.93 min Scan# 696

Delta R.T. -0.16 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 112

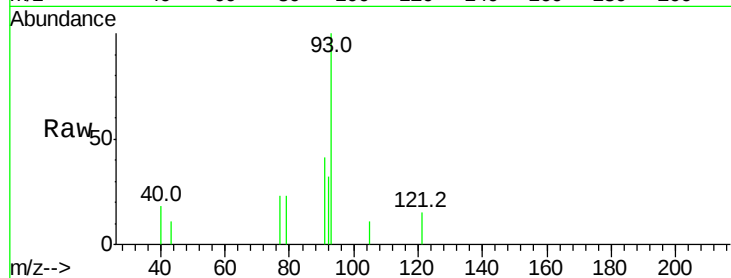
Ion Ratio Lower Upper

105 100

71 0.0 3.7 5.5#

51 0.0 25.1 37.7#

120 0.0 16.6 25.0#

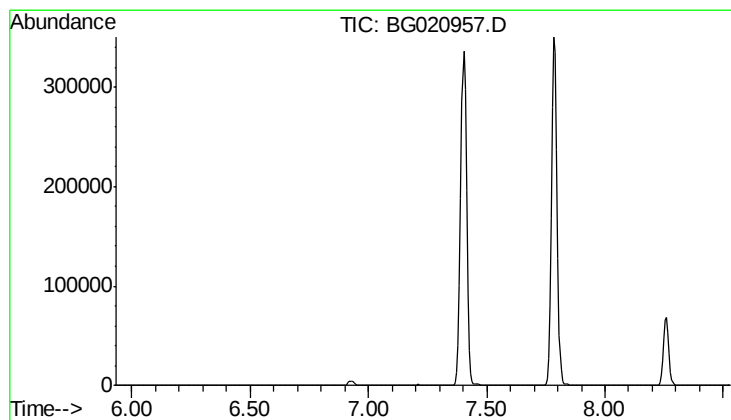
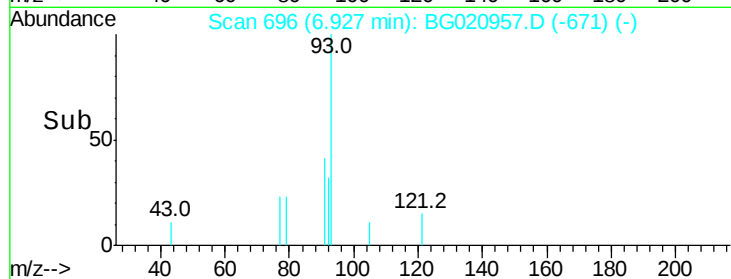
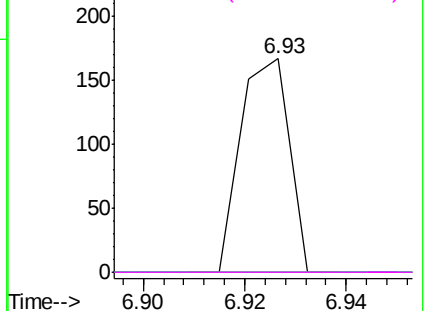


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 0.00 ng

Expected RT: 7.23 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

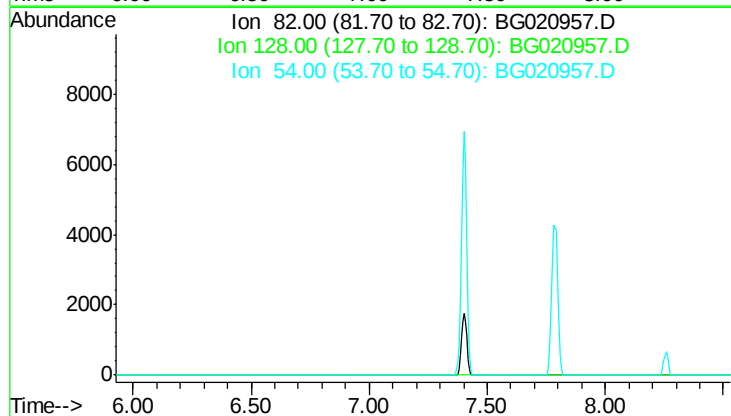
Tgt Ion: 82

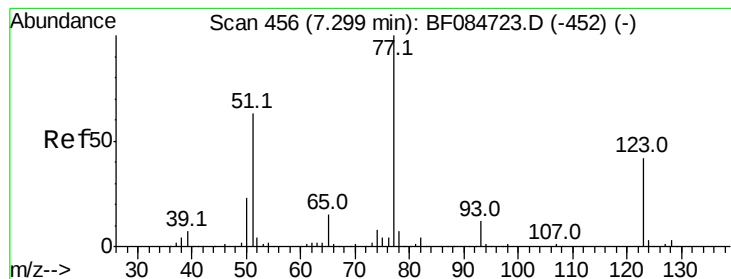
Sig Exp Ratio

82 100

128 43.2

54 48.0





#24

Nitrobenzene

Concen: 125.90 ng

RT: 6.93 min Scan# 697

Delta R.T. -0.31 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

Instrument :

BNA_G

ClientSampled :

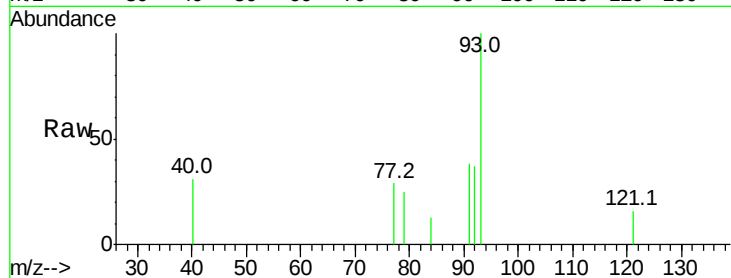
Tot Ion: 77 Resp: 505

Ion Ratio Lower Upper

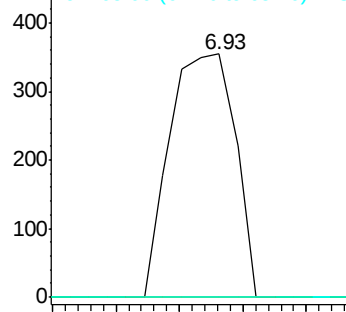
77 100

123 0.0 37.4 56.2#

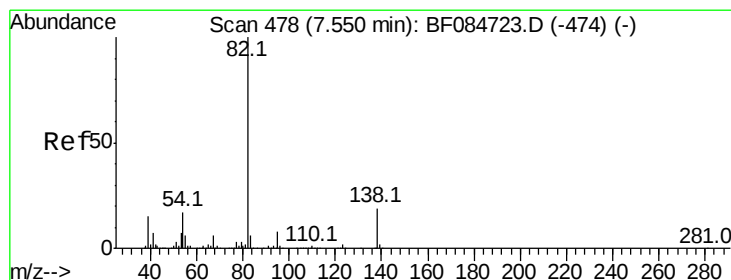
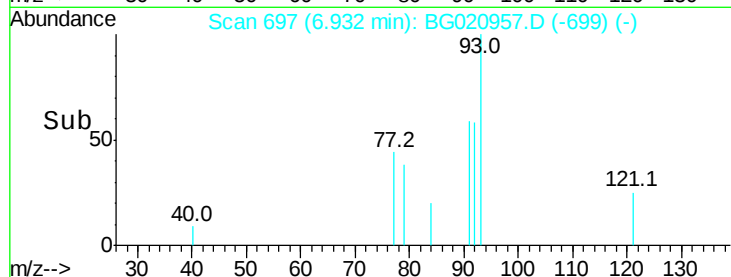
65 0.0 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time--> 6.88 6.90 6.92 6.94 6.96



#25

Isophorone

Concen: 406.41 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.09 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

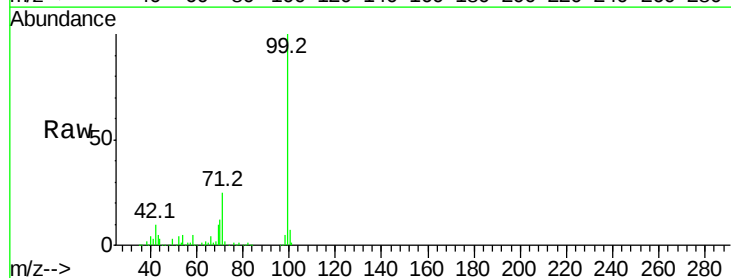
Tgt Ion: 82 Resp: 2960

Ion Ratio Lower Upper

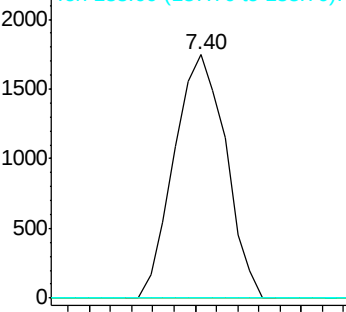
82 100

95 0.0 6.6 10.0#

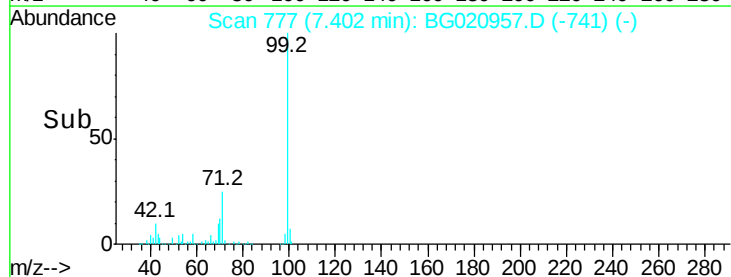
138 0.0 13.6 20.4#

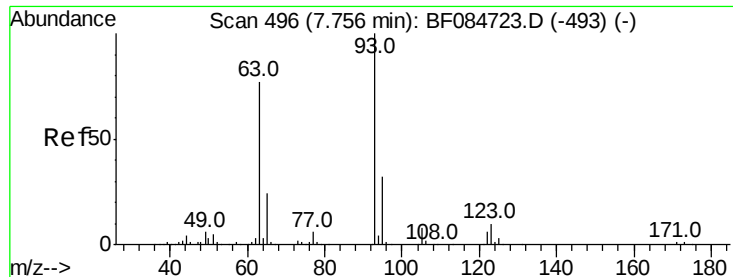


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time--> 7.35 7.40 7.45





#28

bis(2-Chloroethoxy)methane

Concen: 28.70 ng

RT: 7.78 min Scan# 842

Delta R.T. 0.07 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

Instrument :

BNA_G

ClientSampleId :

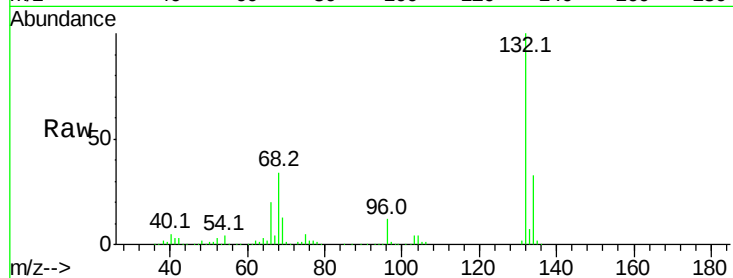
Tot Ion: 93 Resp: 124

Ion Ratio Lower Upper

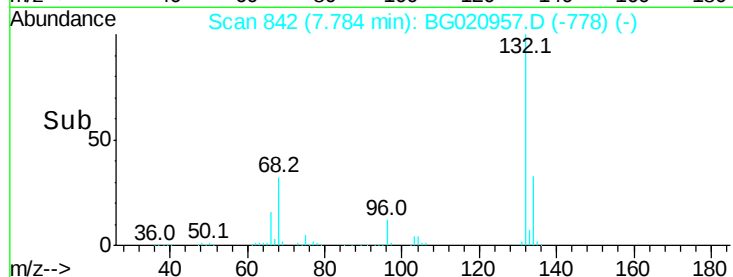
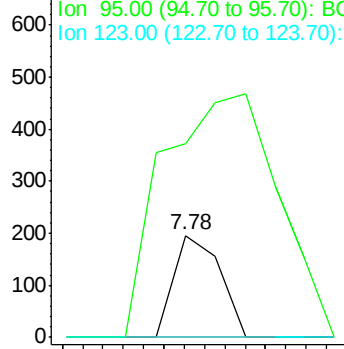
93 100

95 190.3 25.8 38.6#

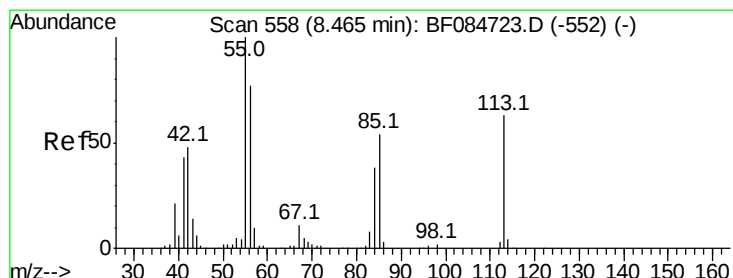
123 0.0 8.6 12.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



Time--> 7.76 7.78 7.80



#35

Caprolactam

Concen: 484.88 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.16 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

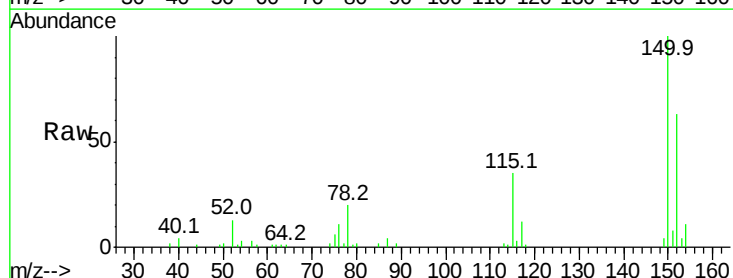
Tgt Ion: 113 Resp: 440

Ion Ratio Lower Upper

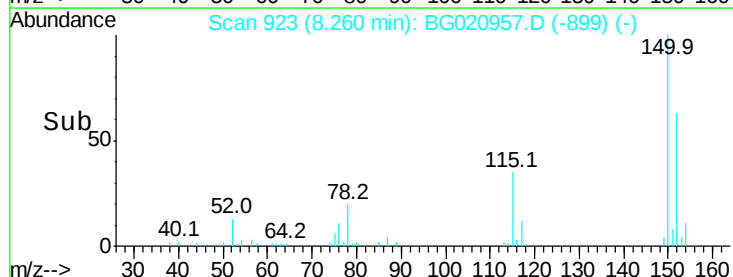
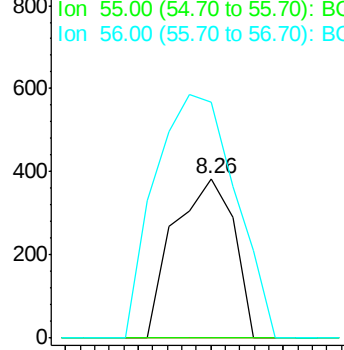
113 100

55 0.0 116.9 156.9#

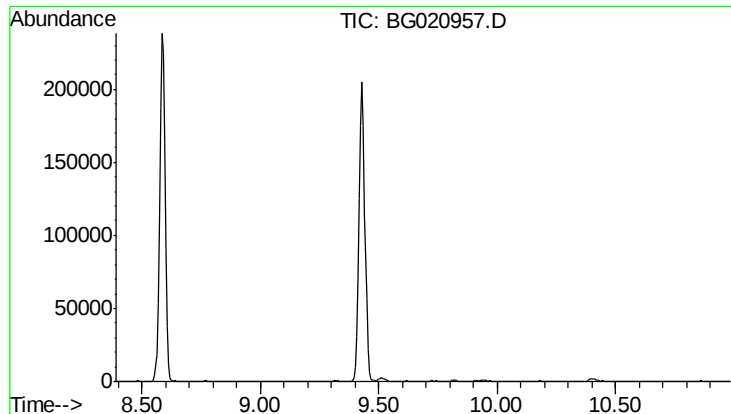
56 147.8 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC



Time--> 8.22 8.24 8.26 8.28



#38

Acenaphthene-d10

Concen: 0.00 ng

Expected RT: 9.69 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

Instrument :

BNA_G

ClientSampleId :

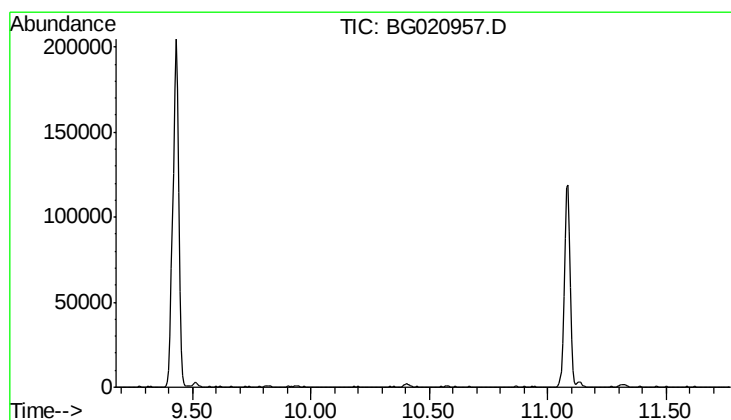
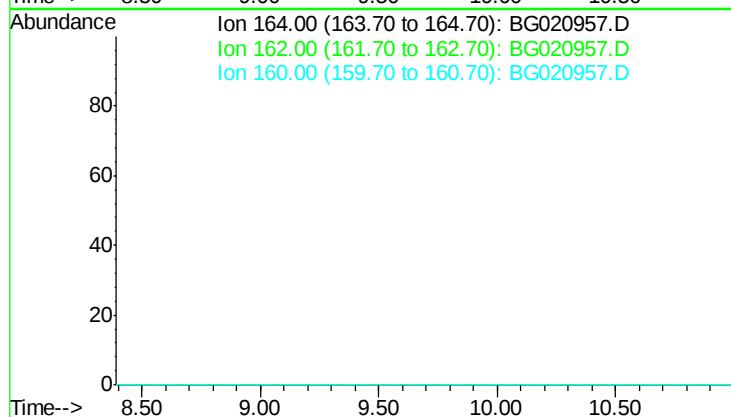
Tot Ion: 164

Sig Exp Ratio

164 100

162 106.4

160 46.9



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.48 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

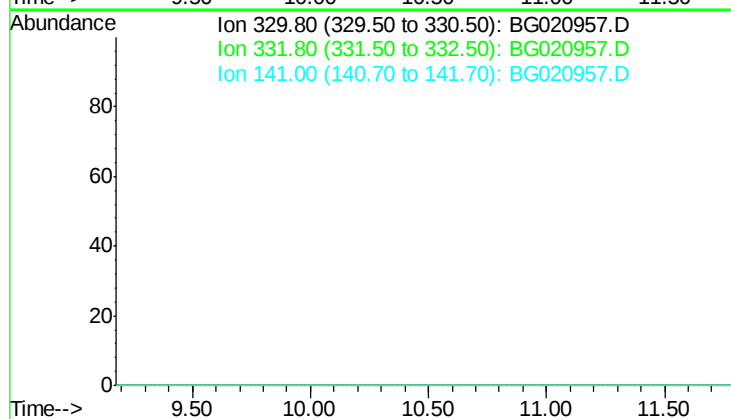
Tgt Ion: 330

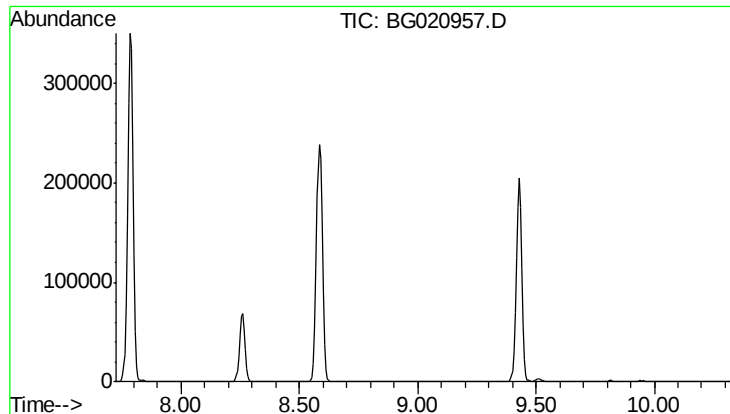
Sig Exp Ratio

330 100

332 95.7

141 34.7

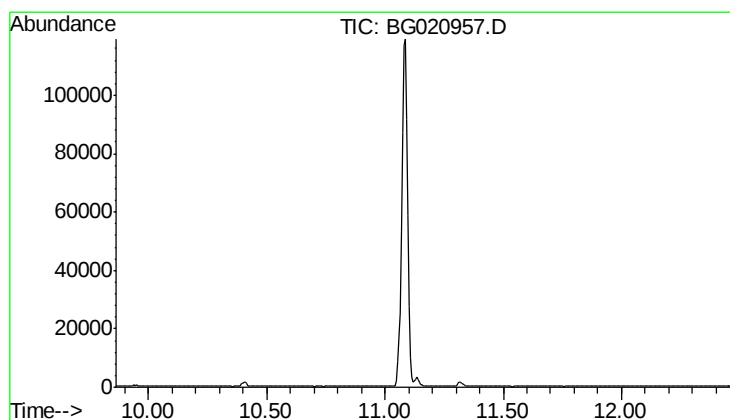




#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.02 min
 Lab File: BG020957.D
 Acq: 19 Feb 2016 4:59

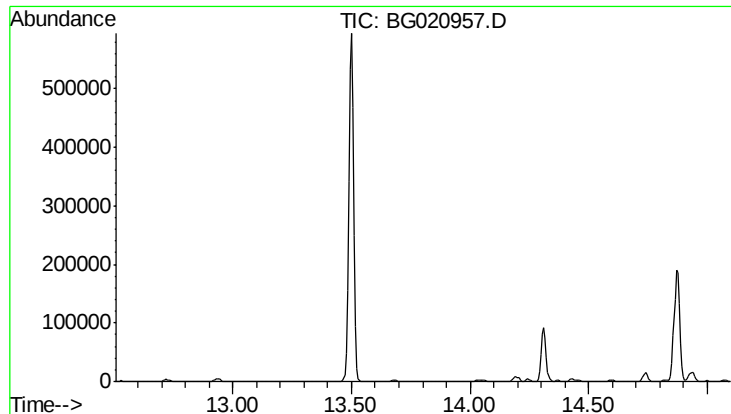
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 36.1
 170 23.2



#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 11.16 min
 Lab File: BG020957.D
 Acq: 19 Feb 2016 4:59

Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 11.2
 80 12.0



#75

Chrvsene-d12

Concen: 0.00 ng

Expected RT: 13.80 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

Instrument :

BNA_G

ClientSampleId :

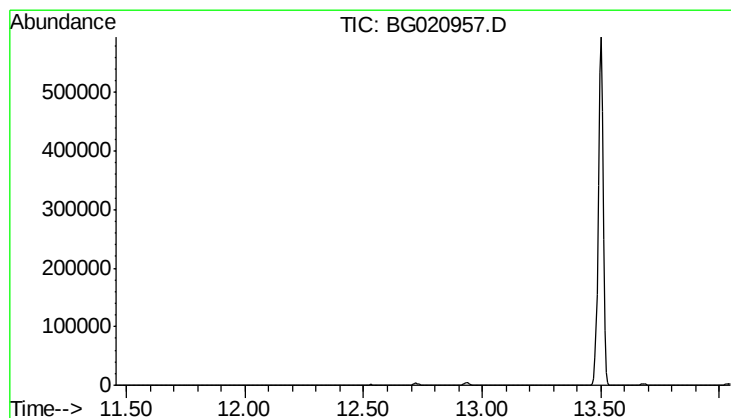
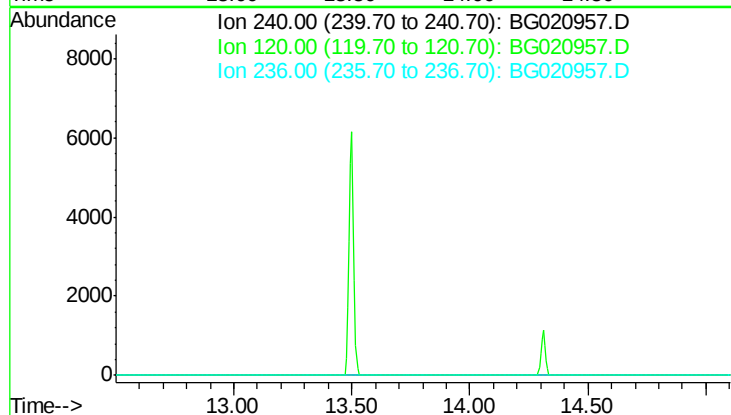
Tot Ion: 240

Sig Exp Ratio

240 100

120 11.9

236 25.8



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 12.75 min

Lab File: BG020957.D

Acq: 19 Feb 2016 4:59

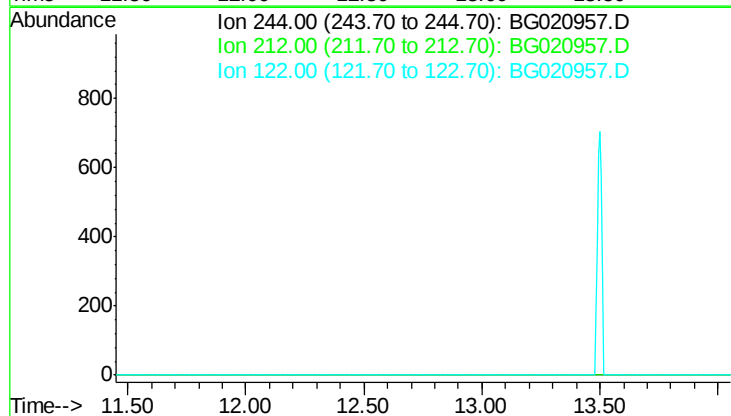
Tgt Ion: 244

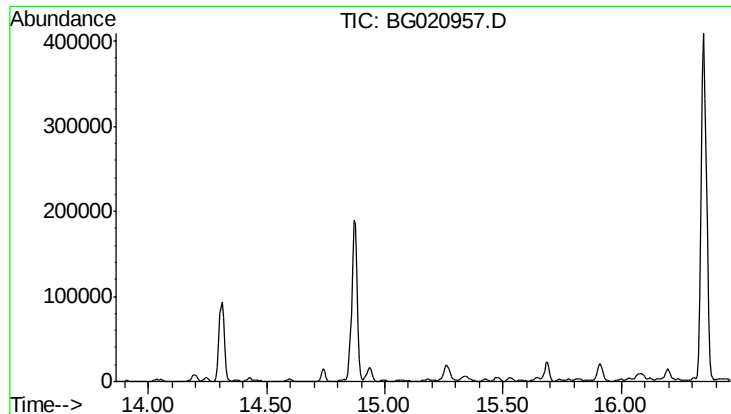
Sig Exp Ratio

244 100

212 7.1

122 9.2





#86
 Pervlene-d12
 Concen: 0.00 ng
 Expected RT: 15.16 min
 Lab File: BG020957.D
 Acq: 19 Feb 2016 4:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264
 Sig Exp Ratio
 264 100
 260 24.3
 265 22.2

