

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020956.D
 Acq On : 19 Feb 2016 4:20
 Operator : SJ/UM
 Sample : H1445-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 19 06:09:08 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

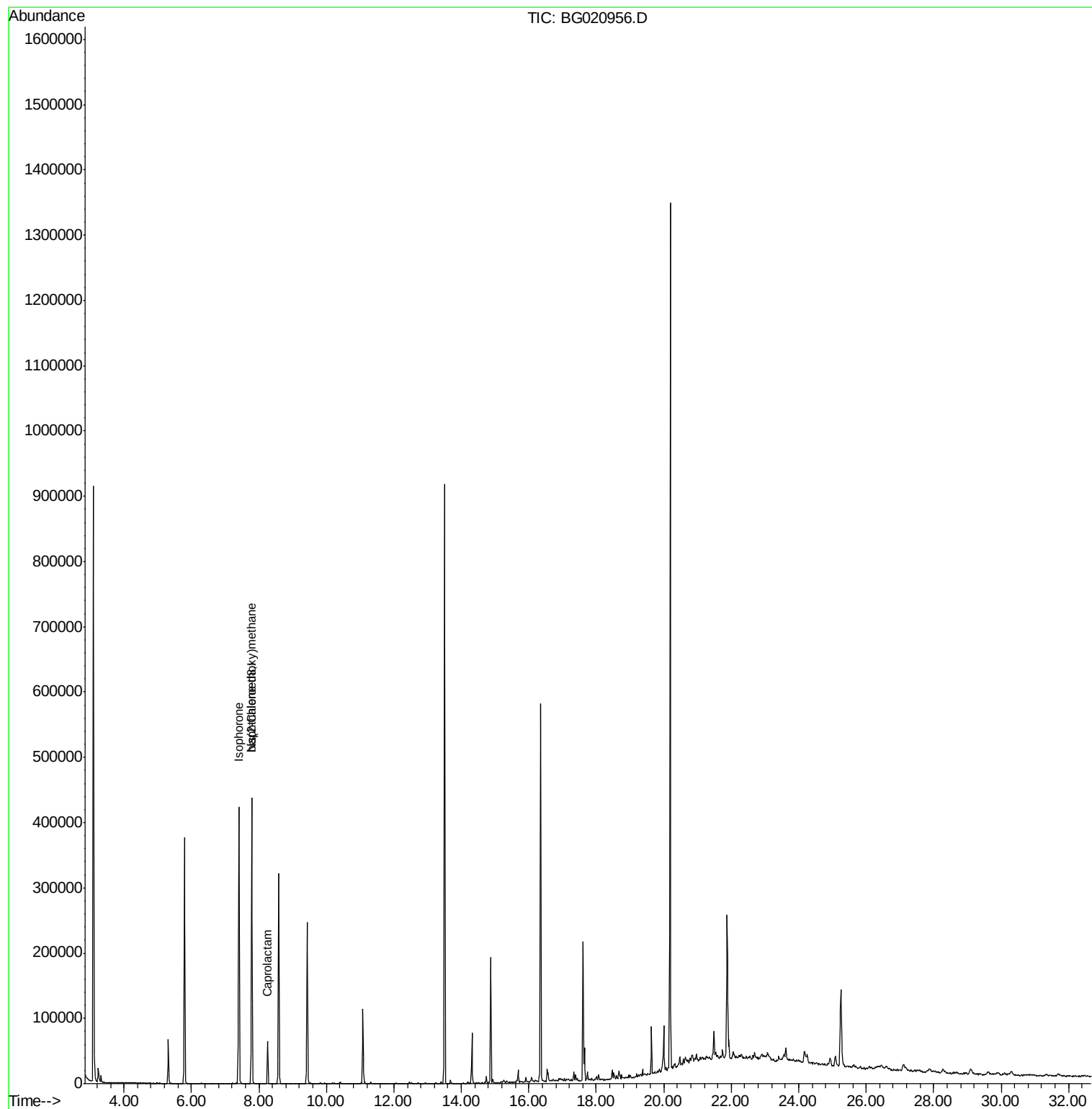
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.65
21) Naphthalene-d8	7.79	136	261	20.00	ng	-0.15
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.69
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.16
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.80
86) Perylene-d12	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						
25) Isophorone	7.40	82	3807	422.57	ng	Qvalue # 66
28) bis(2-Chloroethoxy)methane	7.79	93	219	40.97	ng	# 1
35) Caprolactam	8.26	113	486	432.97	ng	# 34

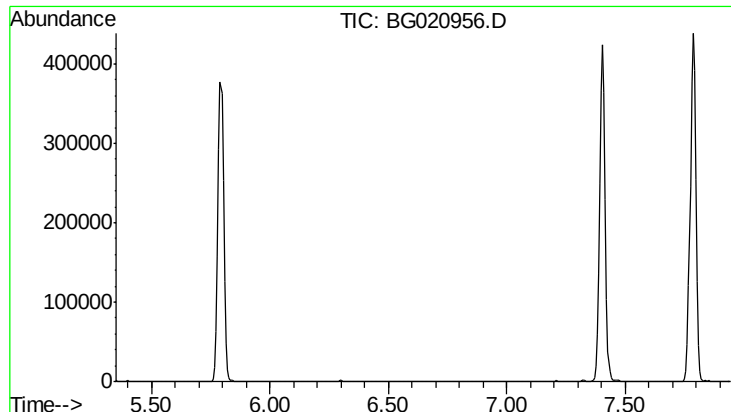
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.65 min

Lab File: BG020956.D

Acq: 19 Feb 2016 4:20

Instrument :

BNA_G

ClientSampleId :

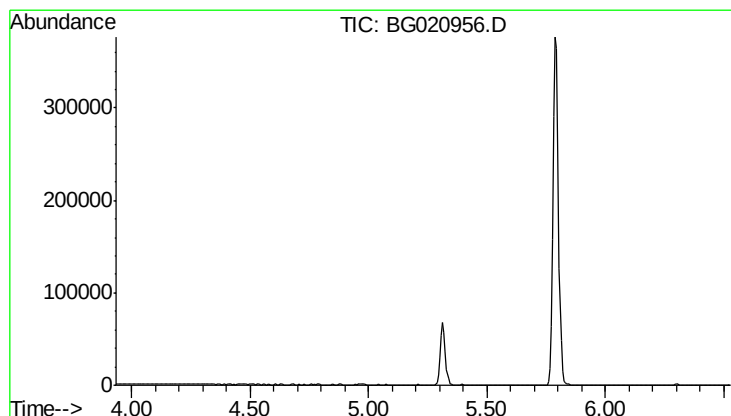
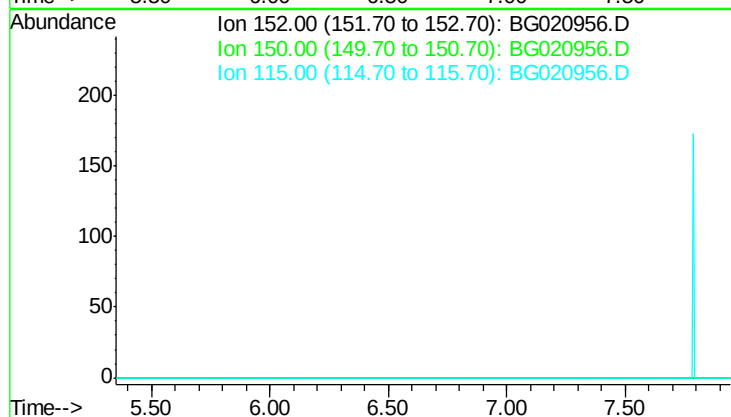
Tot Ion: 152

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: BG020956.D

Acq: 19 Feb 2016 4:20

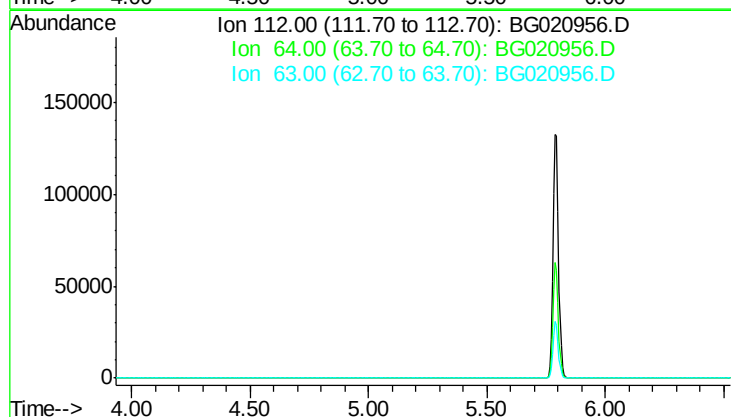
Tgt Ion: 112

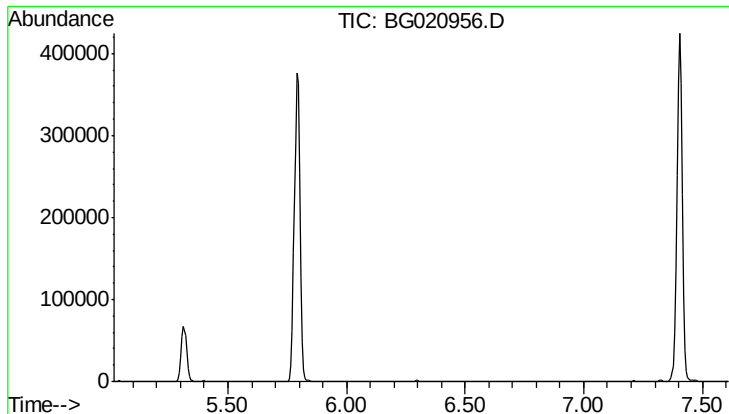
Sig Exp Ratio

112 100

64 45.8

63 24.2





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.32 min

Lab File: BG020956.D

Acq: 19 Feb 2016 4:20

Instrument :

BNA_G

ClientSampleId :

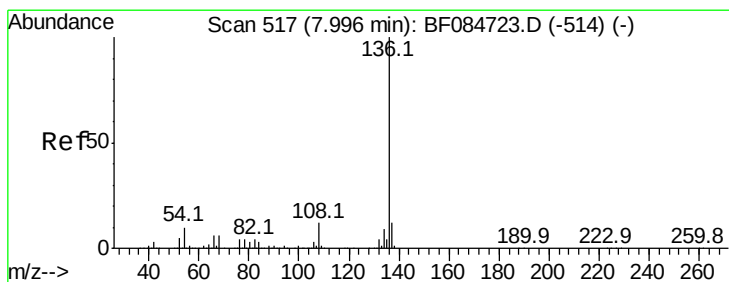
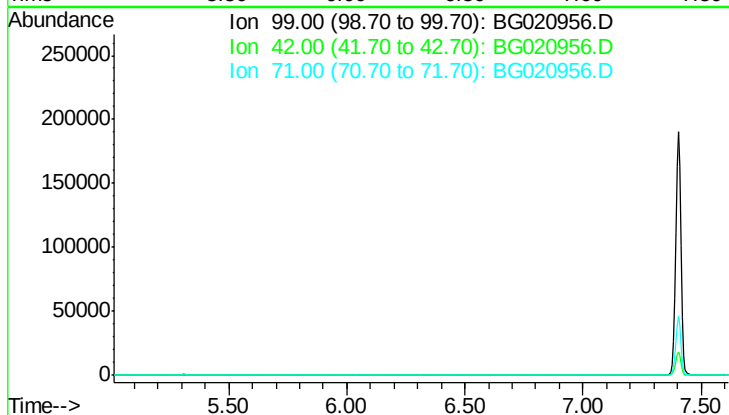
Tot Ion: 99

Sig Exp Ratio

99 100

42 16.0

71 38.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 843

Delta R.T. -0.15 min

Lab File: BG020956.D

Acq: 19 Feb 2016 4:20

Tgt Ion:136 Resp: 261

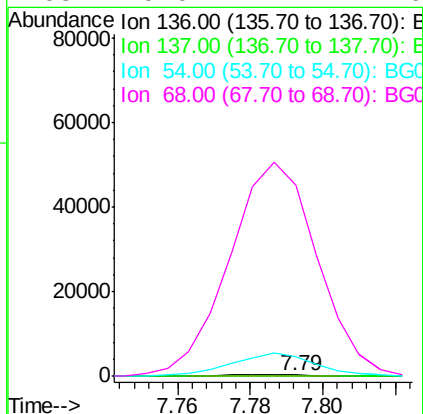
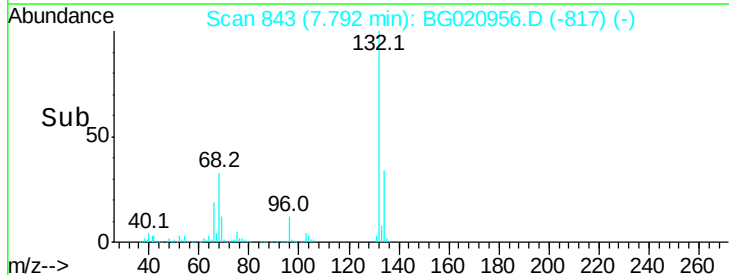
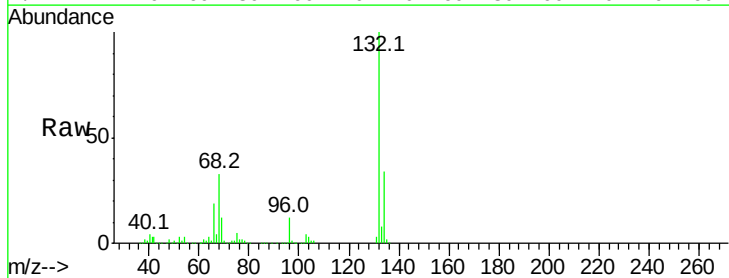
Ion Ratio Lower Upper

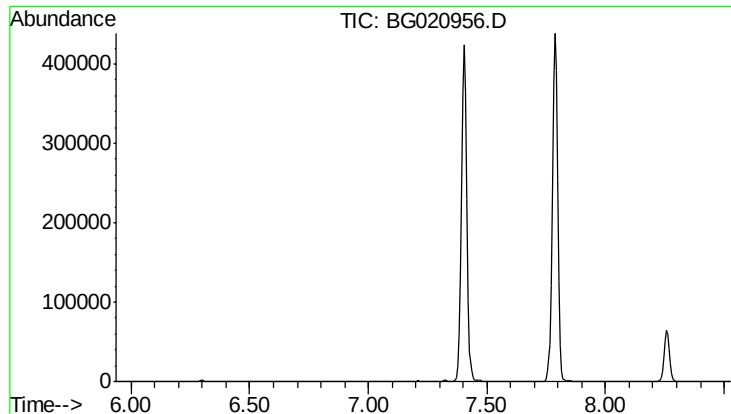
136 100

137 0.0 8.7 13.1#

54 2250.7 5.8 8.8#

68 21970.7 4.2 6.2#

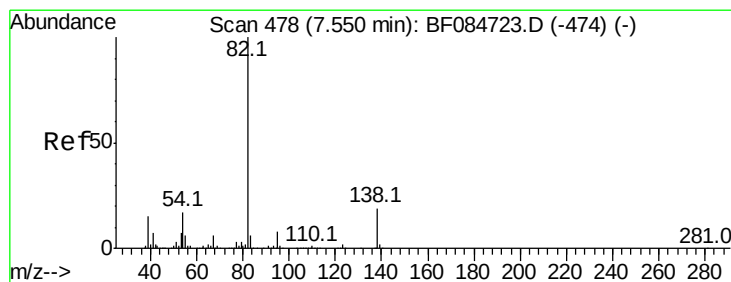
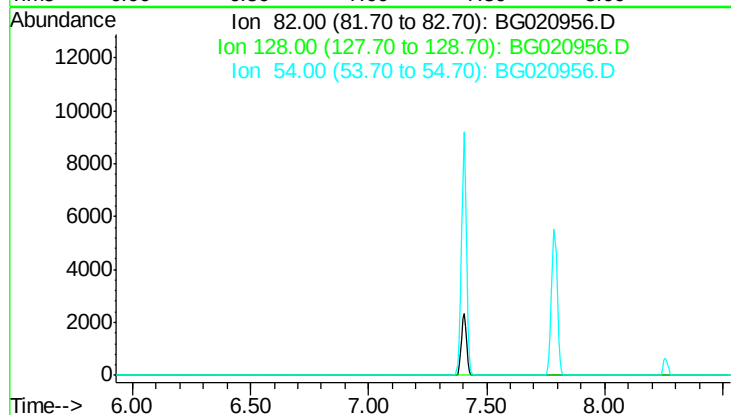




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.23 min
 Lab File: BG020956.D
 Acq: 19 Feb 2016 4:20

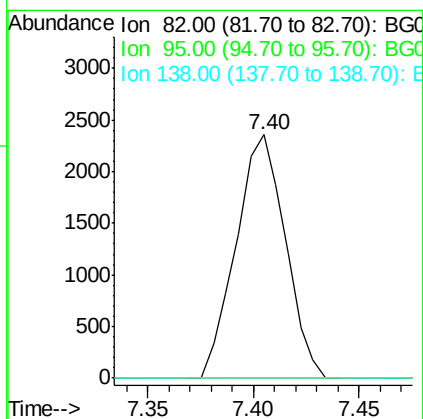
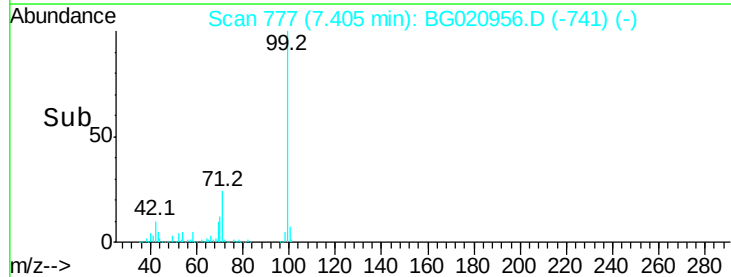
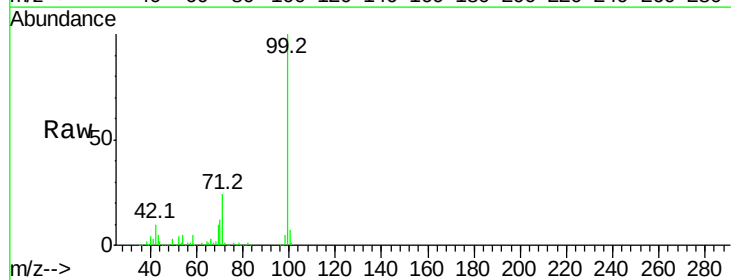
Instrument :
 BNA_G
 ClientSampleId :

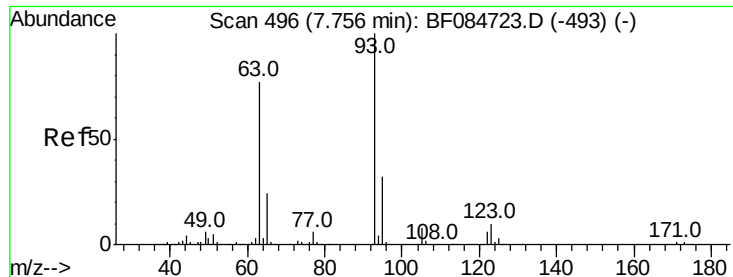
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 43.2
 54 48.0



#25
 Isophorone
 Concen: 422.57 ng
 RT: 7.40 min Scan# 777
 Delta R.T. -0.09 min
 Lab File: BG020956.D
 Acq: 19 Feb 2016 4:20

Tgt Ion: 82 Resp: 3807
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#





#28

bis(2-Chloroethoxy)methane

Concen: 40.97 ng

RT: 7.79 min Scan# 843

Delta R.T. 0.08 min

Lab File: BG020956.D

Acq: 19 Feb 2016 4:20

Instrument :

BNA_G

ClientSampleId :

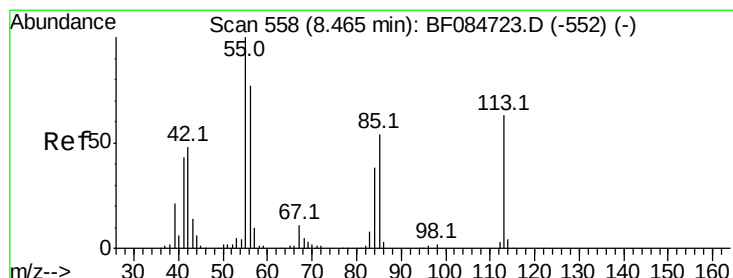
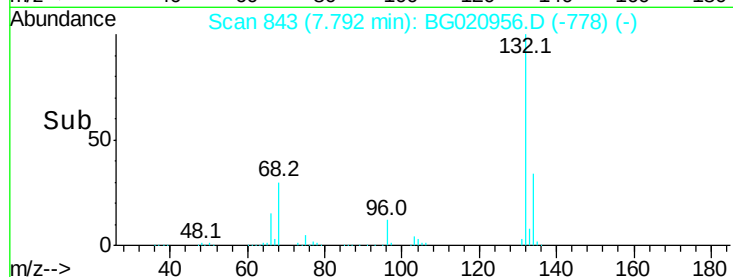
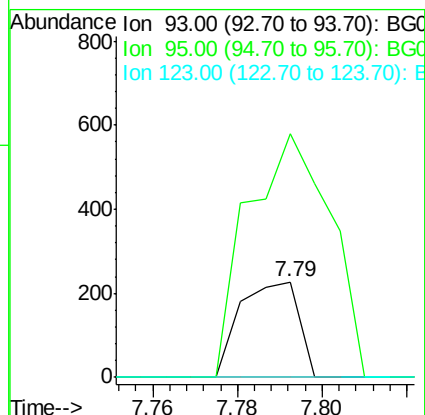
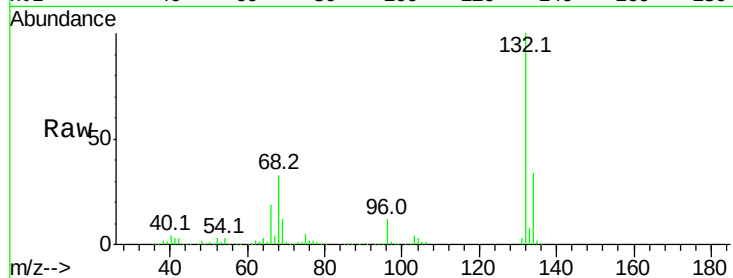
Tot Ion: 93 Resp: 219

Ion Ratio Lower Upper

93 100

95 255.1 25.8 38.6#

123 0.0 8.6 12.8#



#35

Caprolactam

Concen: 432.97 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.16 min

Lab File: BG020956.D

Acq: 19 Feb 2016 4:20

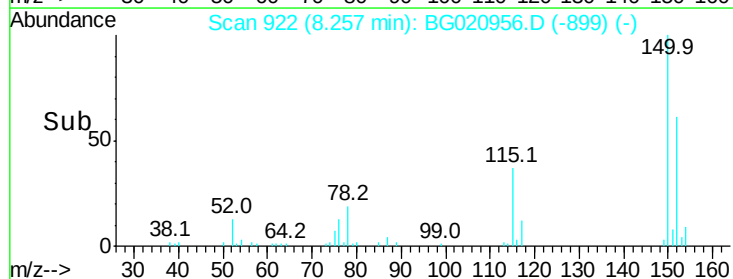
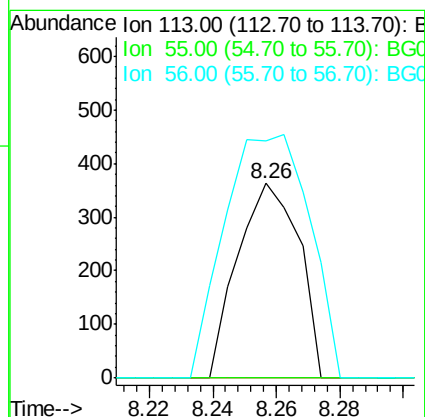
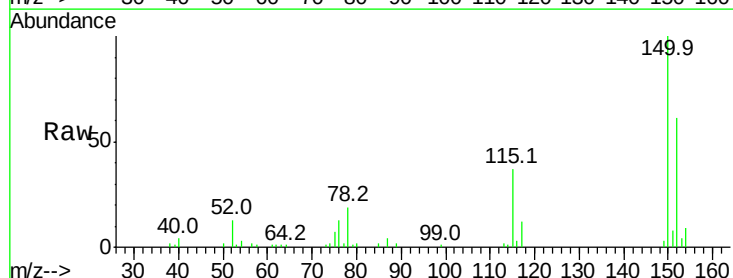
Tgt Ion: 113 Resp: 486

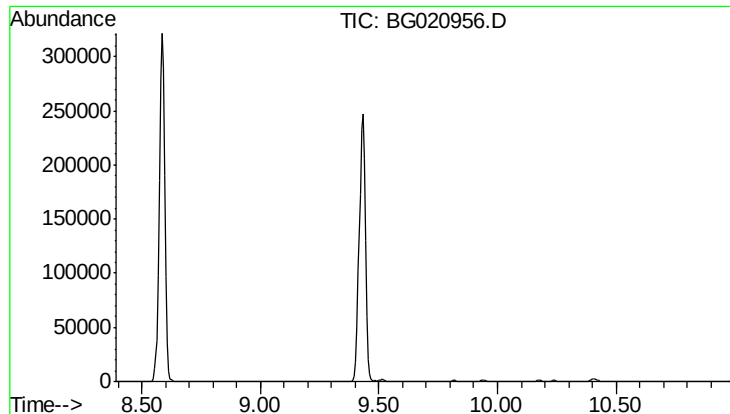
Ion Ratio Lower Upper

113 100

55 0.0 116.9 156.9#

56 122.0 93.8 133.8





#38

Acenaphthene-d10

Concen: 0.00 ng

Expected RT: 9.69 min

Lab File: BG020956.D

Acq: 19 Feb 2016 4:20

Instrument :

BNA_G

ClientSampleId :

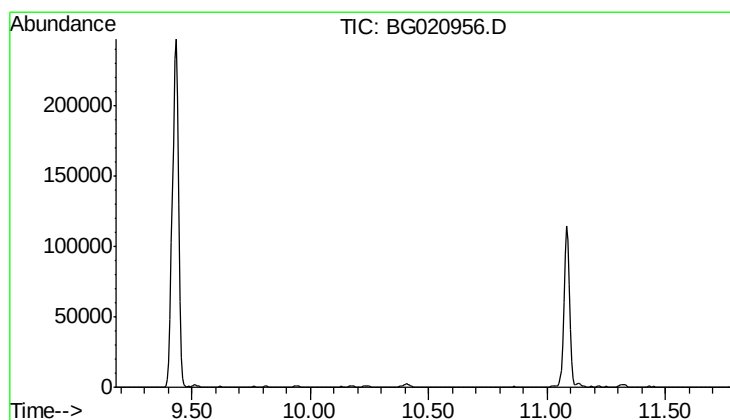
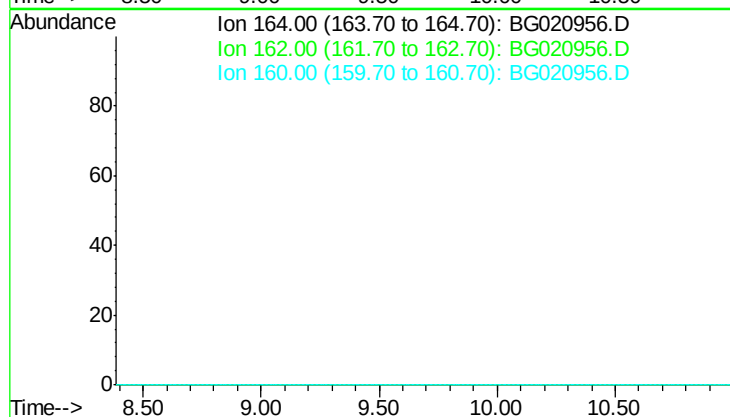
Tot Ion: 164

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: BG020956.D

Acq: 19 Feb 2016 4:20

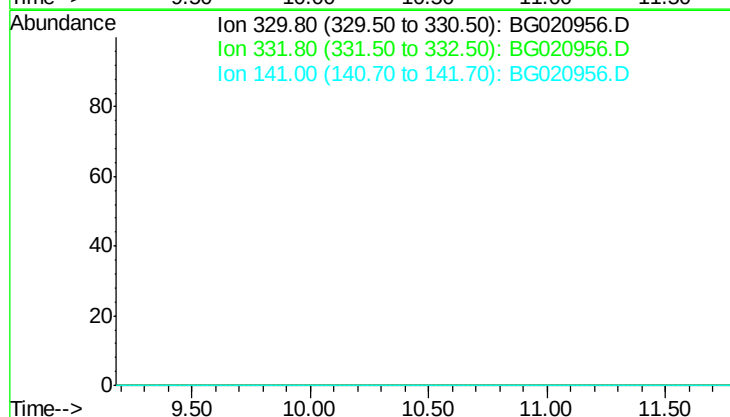
Tgt Ion: 330

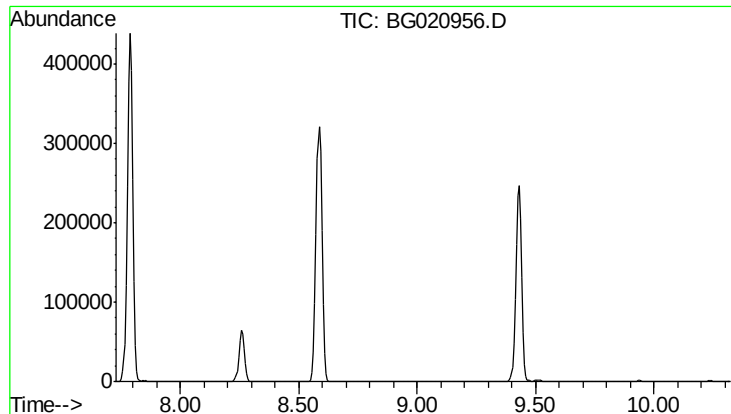
Sig Exp Ratio

330 100

332 95.7

141 34.7





#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.02 min

Lab File: BG020956.D

Acq: 19 Feb 2016 4:20

Instrument :

BNA_G

ClientSampleId :

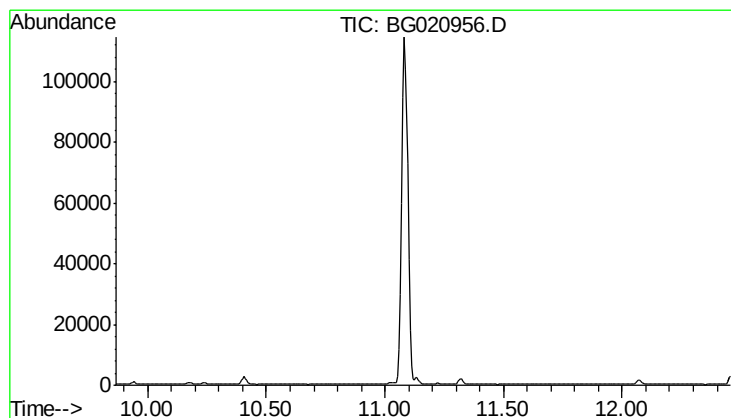
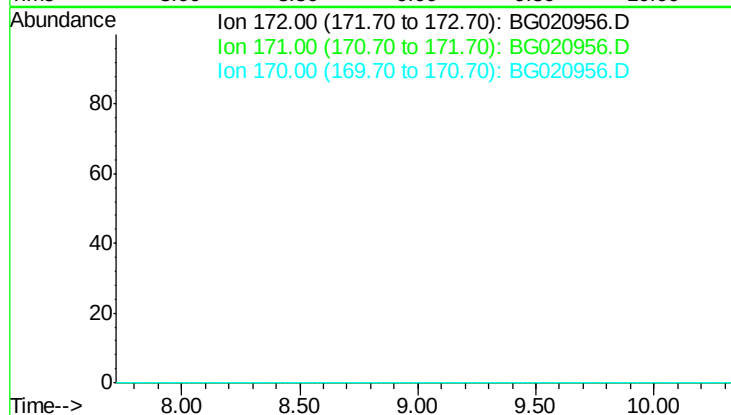
Tot Ion: 172

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: BG020956.D

Acq: 19 Feb 2016 4:20

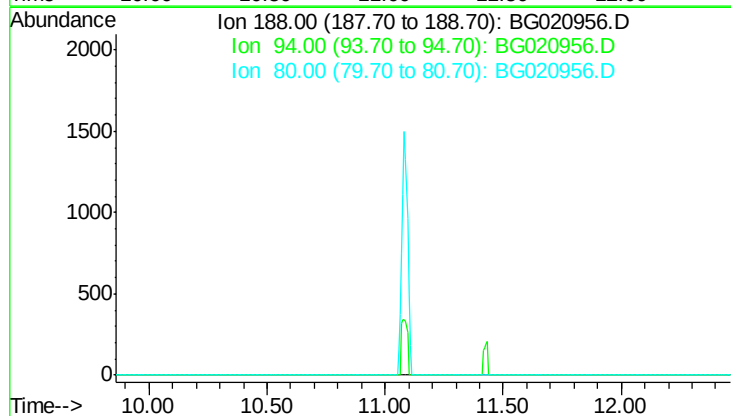
Tgt Ion: 188

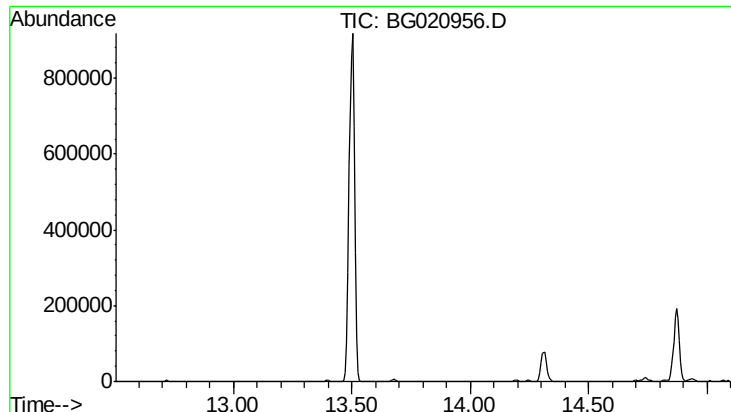
Sig Exp Ratio

188 100

94 11.2

80 12.0

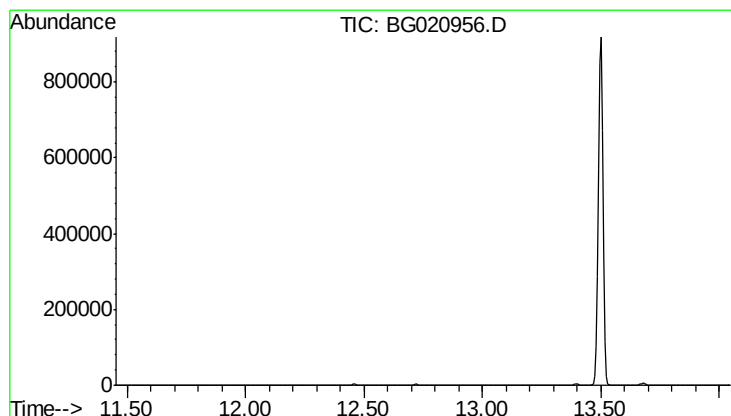
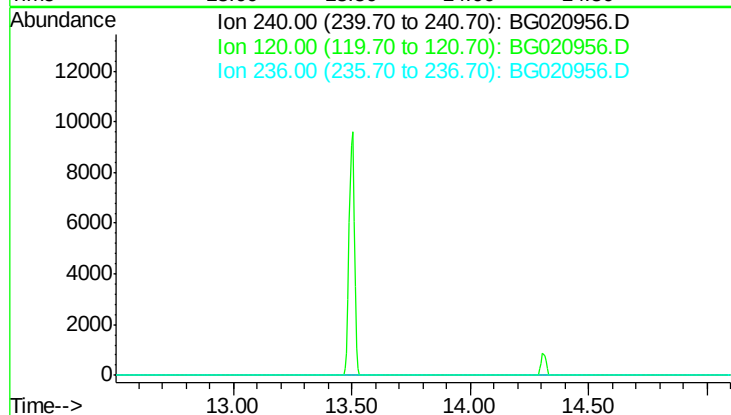




#75
 Chrvsene-d12
 Concen: 0.00 ng
 Expected RT: 13.80 min
 Lab File: BG020956.D
 Acq: 19 Feb 2016 4:20

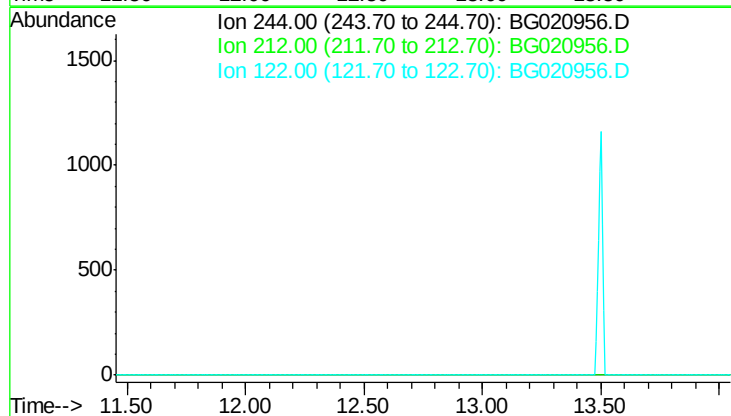
Instrument :
 BNA_G
 ClientSampleId :

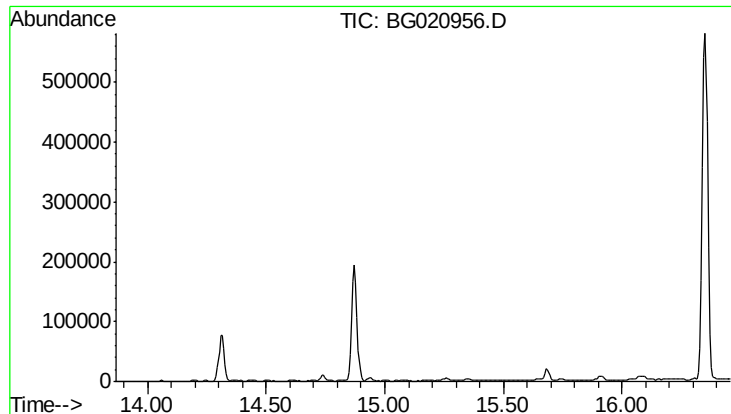
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.9
 236 25.8



#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 12.75 min
 Lab File: BG020956.D
 Acq: 19 Feb 2016 4:20

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: BG020956.D
Acq: 19 Feb 2016 4:20

Instrument :
BNA_G
ClientSampleId :

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

