

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020061.D
 Acq On : 10 Dec 2015 2:25
 Operator : UM/SJ
 Sample : G4701-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1511243912

Quant Time: Dec 10 04:07:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

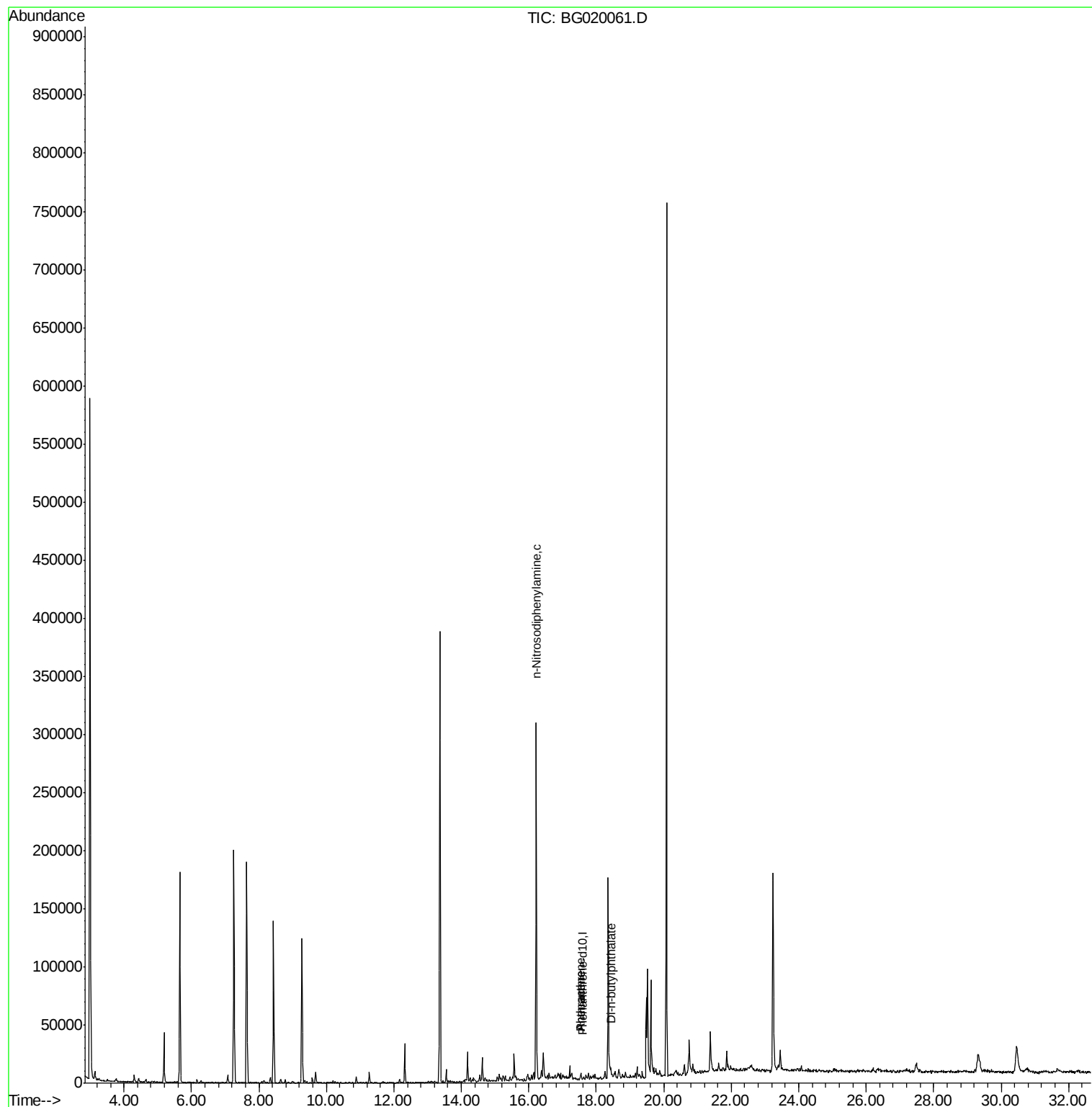
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.14
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.95
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.77
63) Phenanthrene-d10	17.58	188	476	20.00	ng	0.07
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.79
86) Perylene-d12	0.00	264	0	0.00	ng	-25.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	74323	0.00	ng	-0.01
7) Phenol-d6	7.26	99	115703	0.00	ng	-0.01
23) Nitrobenzene-d5	9.27	82	76323	0.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	56909	0.00	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	190890	0.00	ng	-0.03
78) Terphenyl-d14	20.08	244	324301	0.00	ng	-0.03
Target Compounds						
65) n-Nitrosodiphenylamine	16.22	169	1961	142.36	ng	# 40
70) Phenanthrene	17.52	178	250	9.28	ng	# 58
71) Anthracene	17.52	178	250	9.11	ng	# 57
73) Di-n-butylphthalate	18.43	149	1866	63.00	ng	# 91

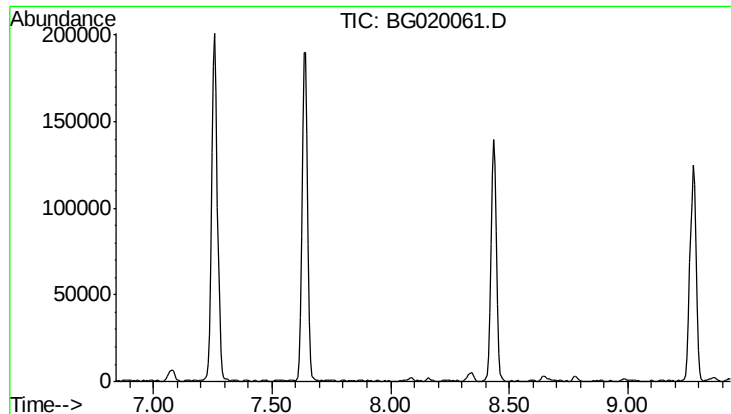
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 8.14 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

Instrument :

BNA_G

ClientSampleId :

1511243912

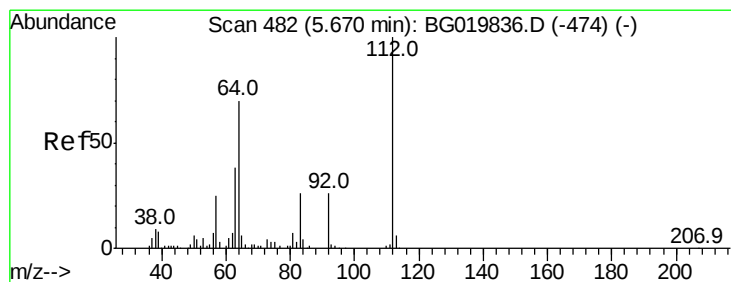
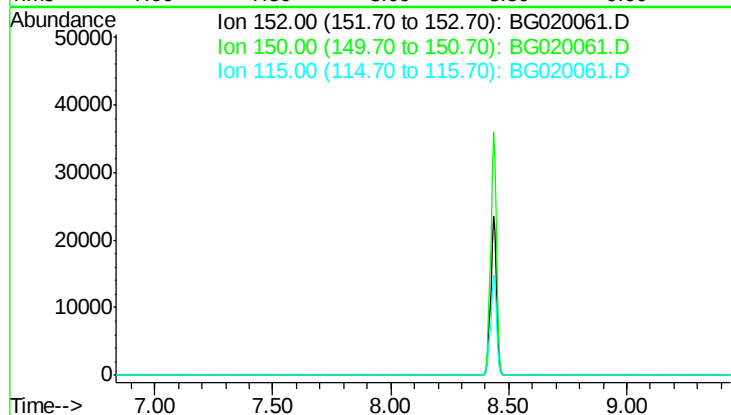
Tot Ion: 152

Sig Exp Ratio

152 100

150 143.7

115 54.9



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

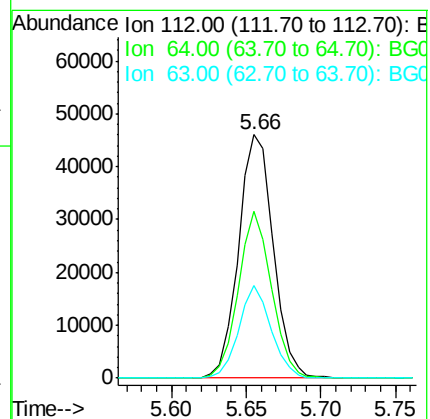
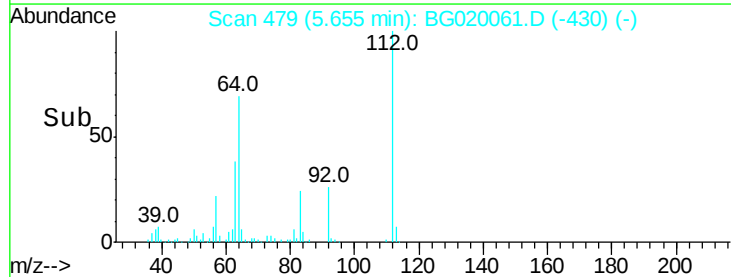
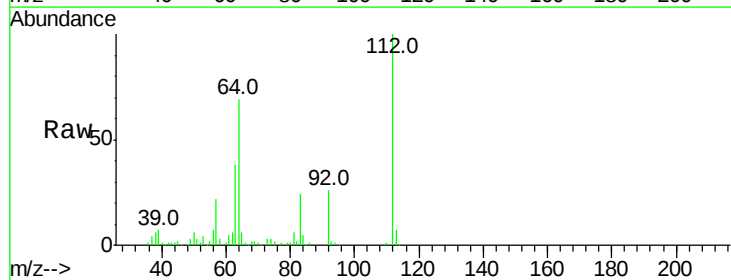
Tgt Ion:112 Resp: 74323

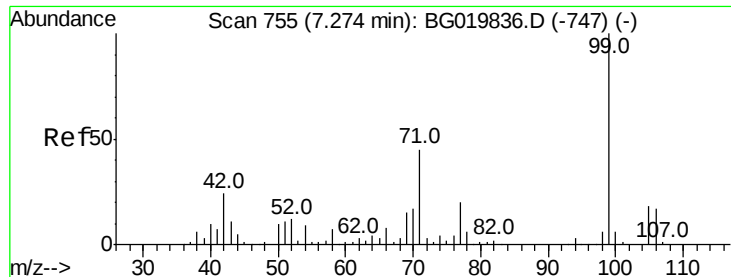
Ion Ratio Lower Upper

112 100

64 68.8 43.7 65.5#

63 38.2 24.0 36.0#





#7

Phenol-d6

Concen: 0.00 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

Instrument :

BNA_G

ClientSampleId :

1511243912

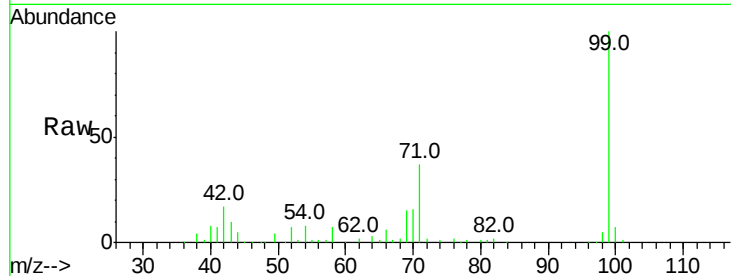
Tot Ion: 99 Resp: 115703

Ion Ratio Lower Upper

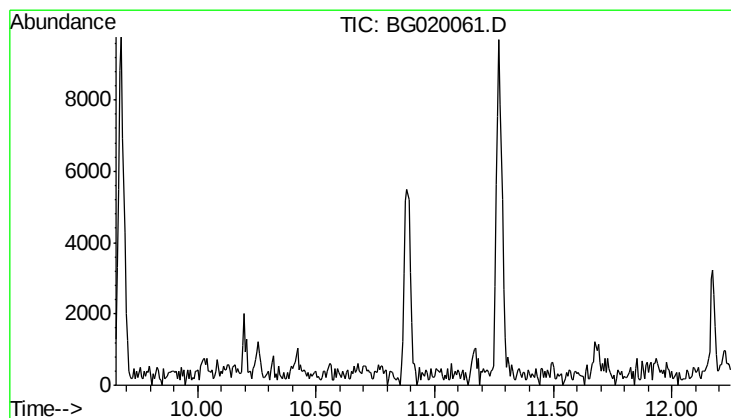
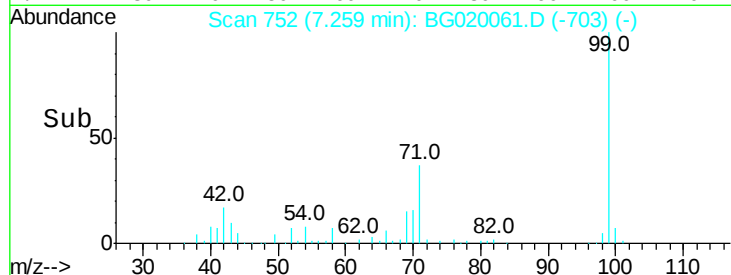
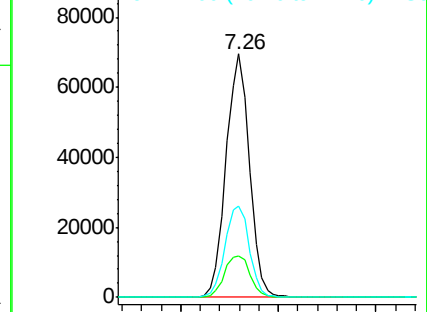
99 100

42 17.2 11.5 17.3

71 37.3 22.6 34.0#



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: 0.00 ng

Expected RT: 10.95 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

Tgt Ion: 136

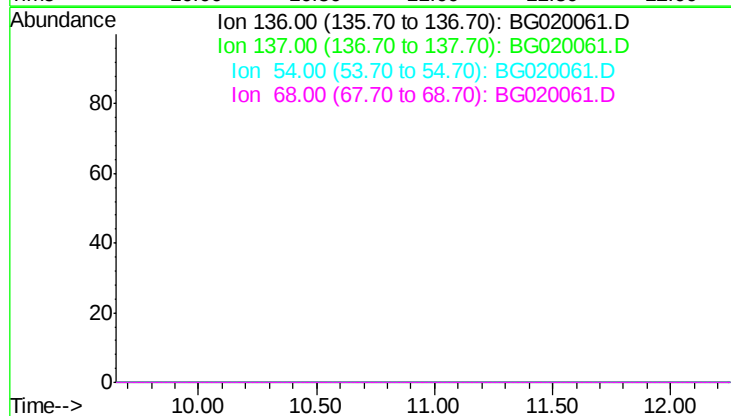
Sig Exp Ratio

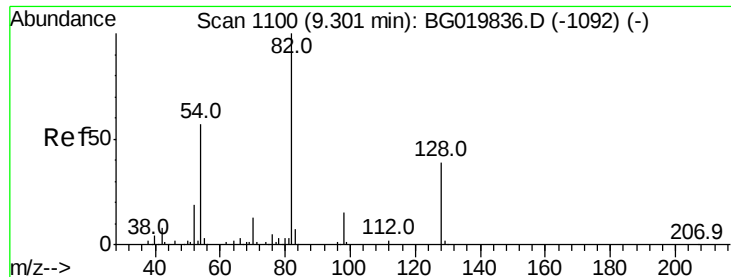
136 100

137 10.7

54 6.8

68 6.6

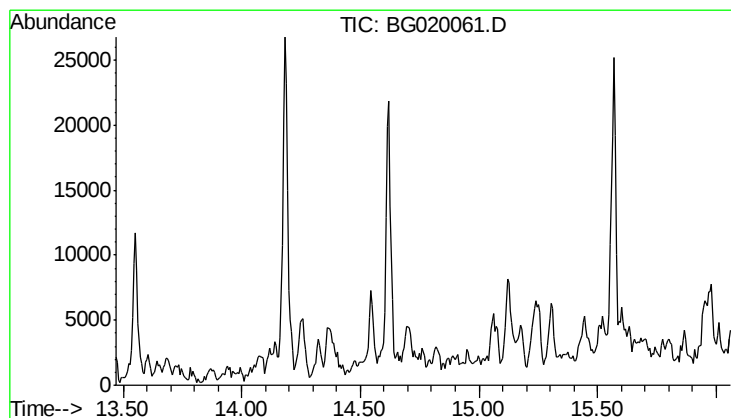
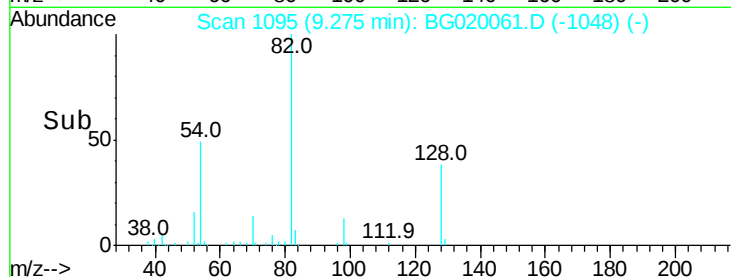
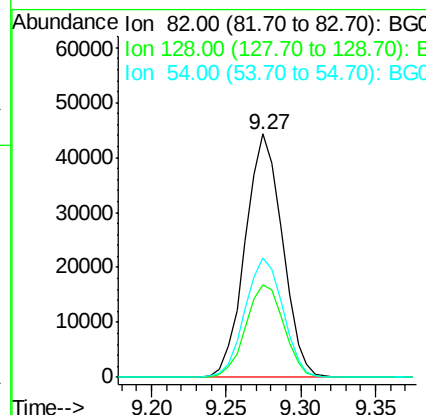
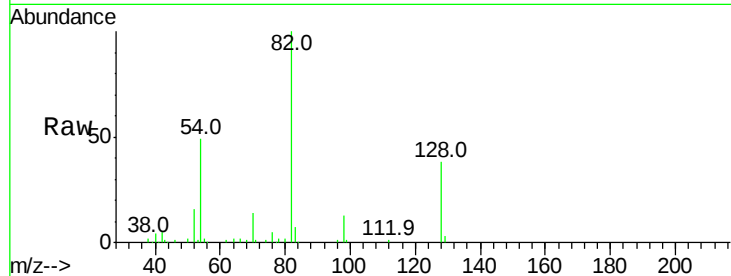




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG020061.D
 Acq: 10 Dec 2015 2:25

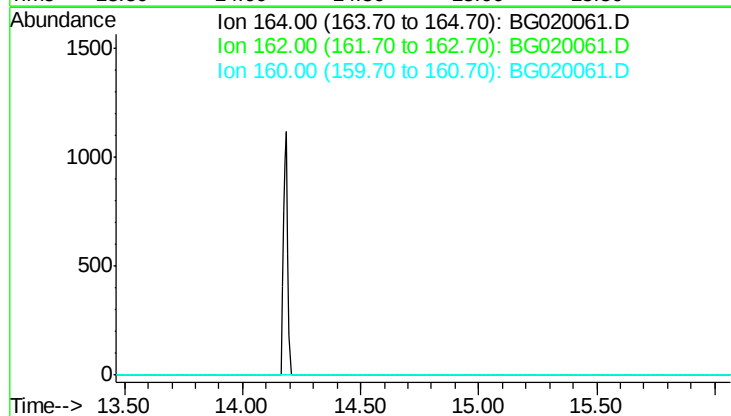
Instrument :
 BNA_G
 ClientSampleId :
 1511243912

Tot Ion: 82 Resp: 76323
 Ion Ratio Lower Upper
 82 100
 128 38.2 36.7 55.1
 54 49.1 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.77 min
 Lab File: BG020061.D
 Acq: 10 Dec 2015 2:25

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 98.5
 160 45.5

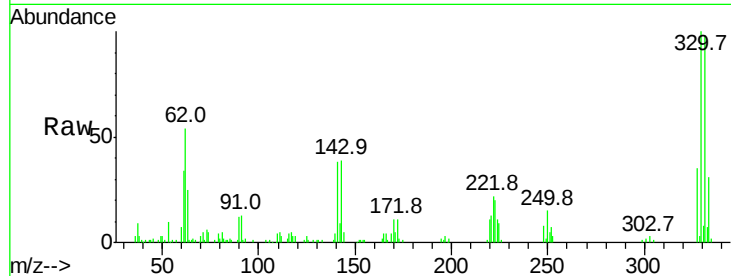




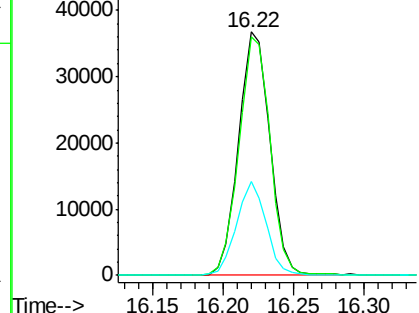
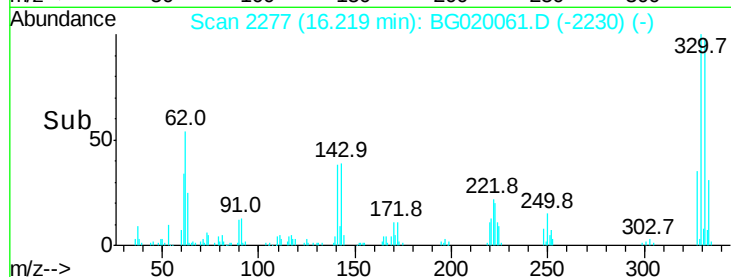
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020061.D
 Acq: 10 Dec 2015 2:25

Instrument :
 BNA_G
 ClientSampleId :
 1511243912

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	36.5	28.2	42.2

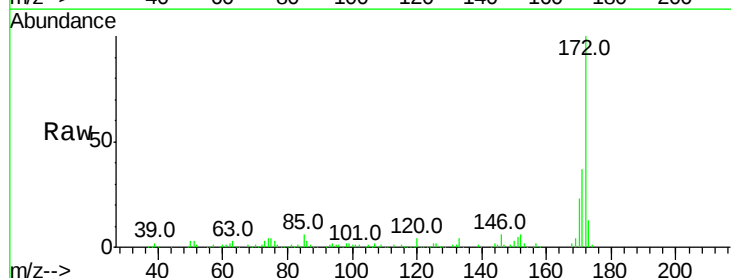


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

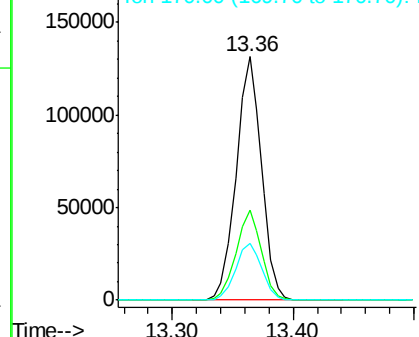
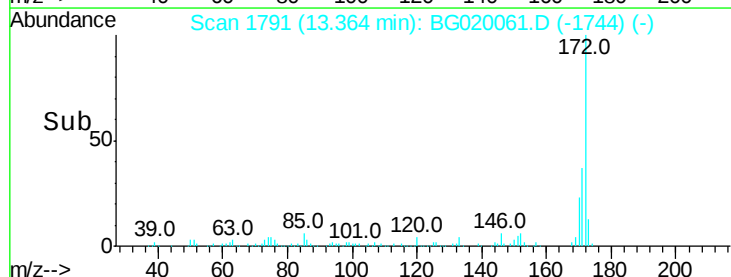


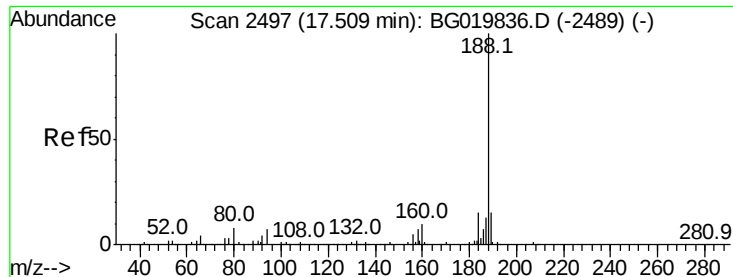
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020061.D
 Acq: 10 Dec 2015 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	23.5	19.9	29.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2508

Delta R.T. 0.07 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

Instrument :

BNA_G

ClientSampleId :

1511243912

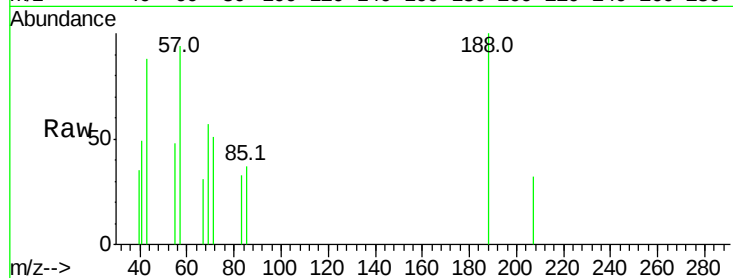
Tot Ion:188 Resp: 476

Ion Ratio Lower Upper

188 100

94 0.0 7.7 11.5#

80 0.0 7.8 11.8#



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

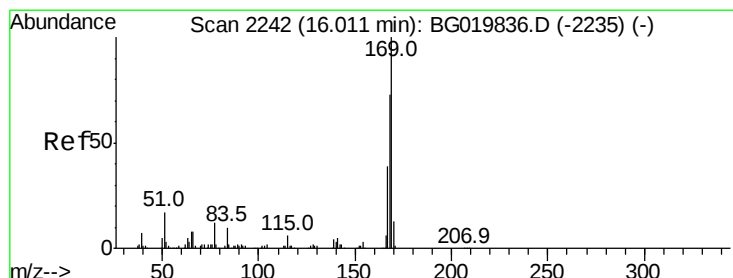
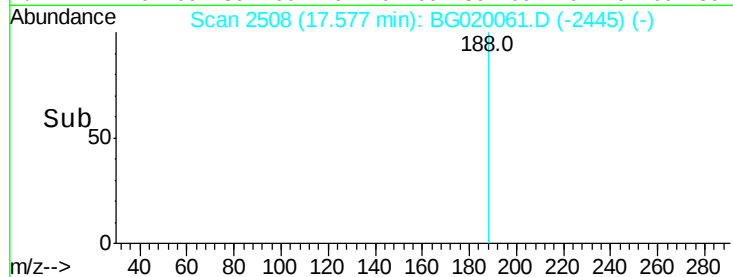
17.58

400

200

0

Time-->



#65

n-Nitrosodiphenylamine

Concen: 142.36 ng

RT: 16.22 min Scan# 2277

Delta R.T. 0.21 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

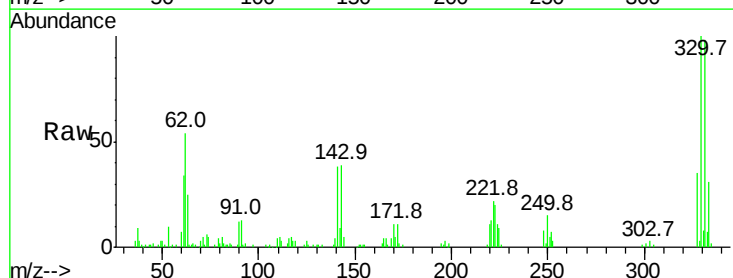
Tgt Ion:169 Resp: 1961

Ion Ratio Lower Upper

169 100

168 0.0 58.2 87.2#

167 33.5 32.7 49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

16.22

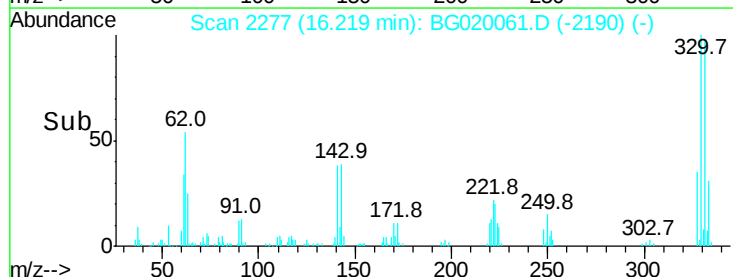
1500

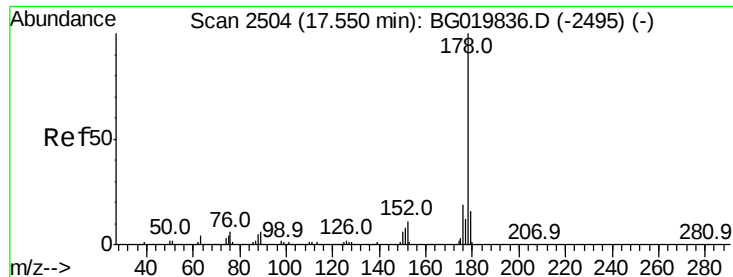
1000

500

0

Time-->





#70

Phenanthrene

Concen: 9.28 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.03 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

Instrument :

BNA_G

ClientSampleId :

1511243912

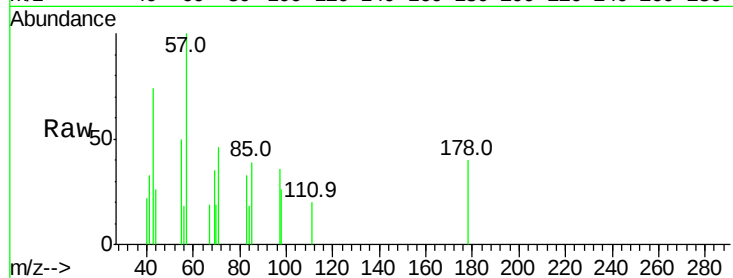
Tot Ion:178 Resp: 250

Ion Ratio Lower Upper

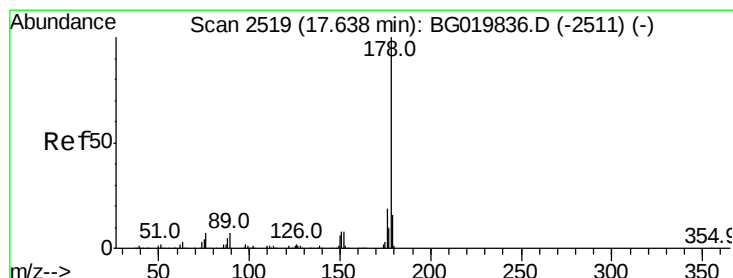
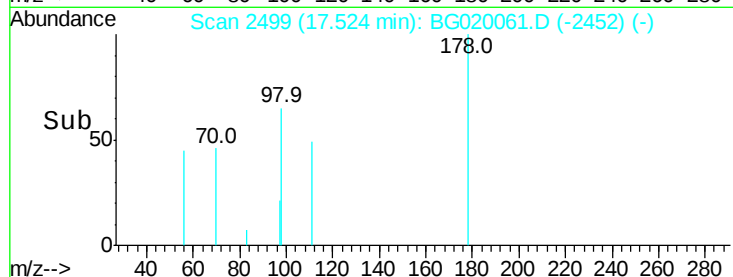
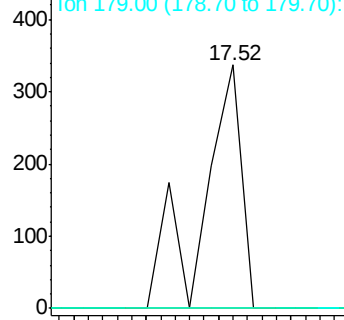
178 100

176 0.0 16.7 25.1#

179 0.0 13.9 20.9#



Abundance Ion 178.00 (177.70 to 178.70): E



#71

Anthracene

Concen: 9.11 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.11 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

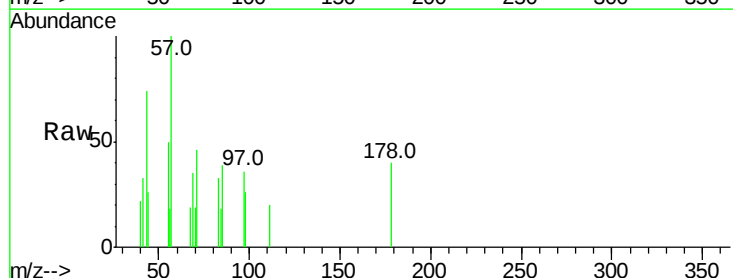
Tgt Ion:178 Resp: 250

Ion Ratio Lower Upper

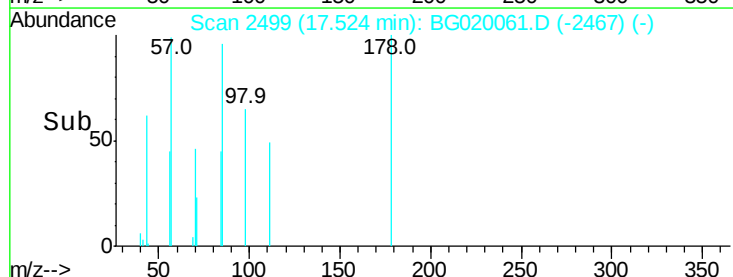
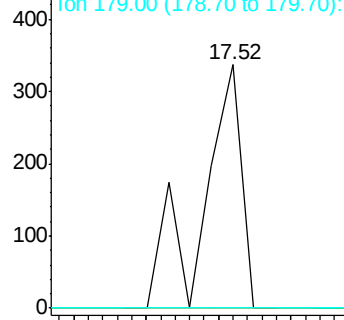
178 100

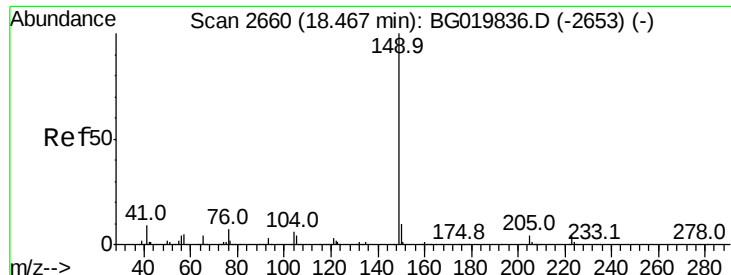
176 0.0 16.8 25.2#

179 0.0 13.9 20.9#



Abundance Ion 178.00 (177.70 to 178.70): E





#73

Di-n-butylphthalate

Concen: 63.00 ng

RT: 18.43 min Scan# 2653

Delta R.T. -0.04 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

Instrument :

BNA_G

ClientSampleId :

1511243912

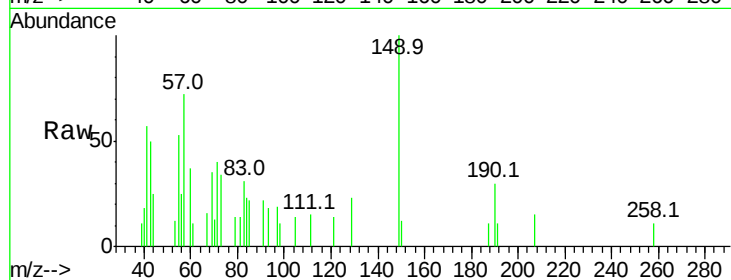
Tot Ion:149 Resp: 1866

Ion Ratio Lower Upper

149 100

150 12.1 8.2 12.4

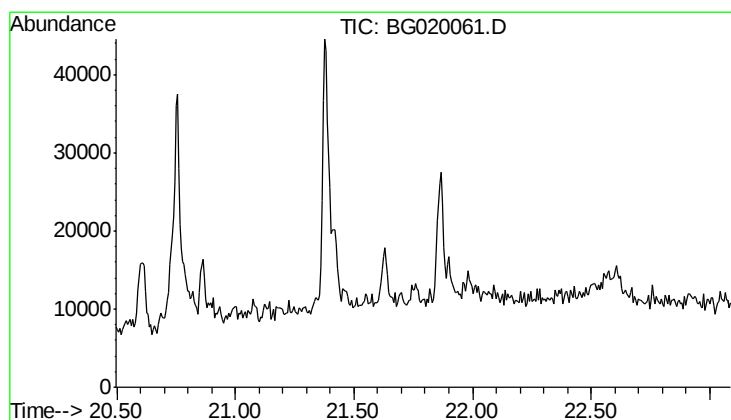
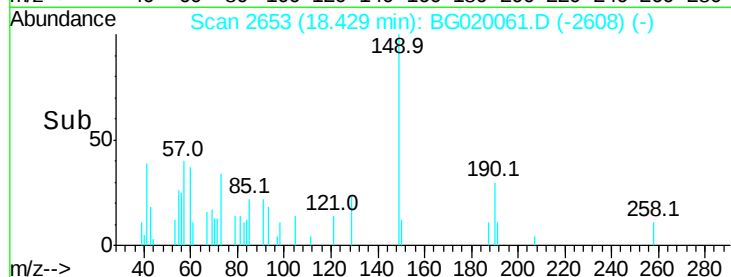
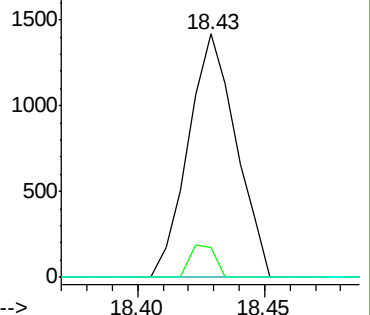
104 0.0 4.4 6.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 21.79 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

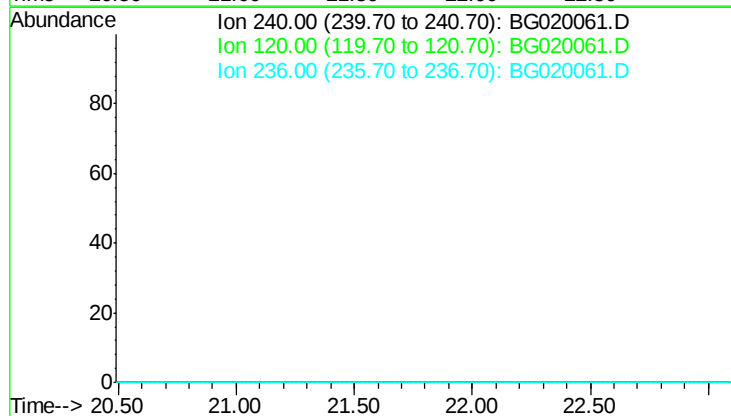
Tgt Ion: 240

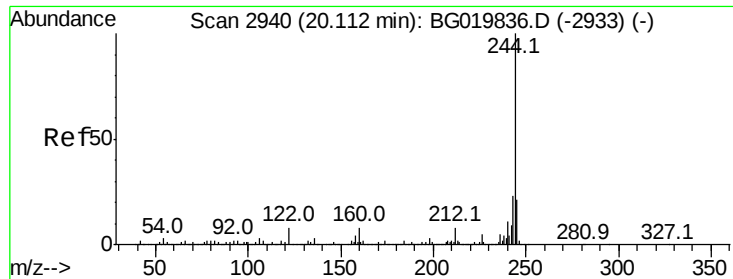
Sig Exp Ratio

240 100

120 9.2

236 25.9





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

Instrument :

BNA_G

ClientSampleId :

1511243912

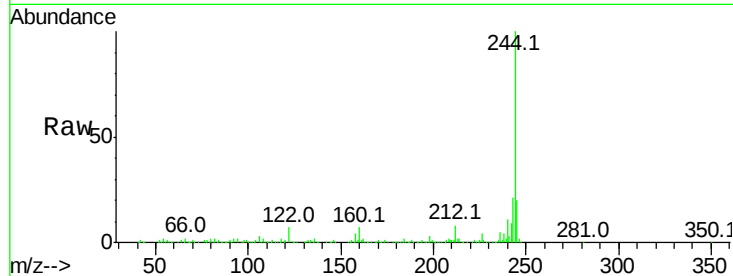
Tot Ion:244 Resp: 324301

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

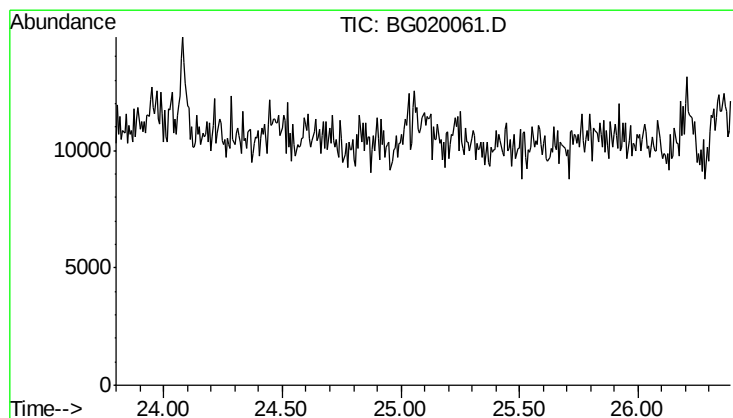
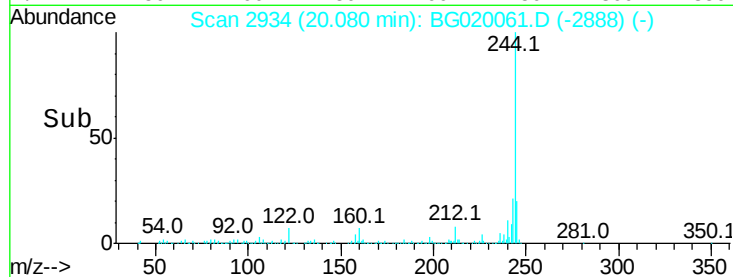
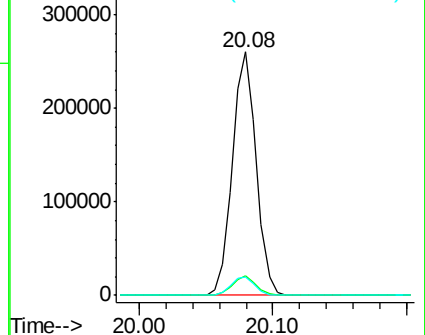
122 7.3 10.2 15.2#



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: 0.00 ng

Expected RT: 25.09 min

Lab File: BG020061.D

Acq: 10 Dec 2015 2:25

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.1

265 21.5

