

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
 Data File : BG016595.D
 Acq On : 21 Apr 2015 22:07
 Operator : TP/IZ
 Sample : PB82885BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82885BL

Quant Time: Apr 22 04:45:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44808	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	183838	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	102352	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	246156	20.00	ng	0.00
75) Chrysene-d12	21.21	240	285646	20.00	ng	0.00
86) Perylene-d12	23.42	264	265448	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	368730	131.89	ng	0.00
7) Phenol-d6	6.82	99	501018	128.27	ng	0.00
23) Nitrobenzene-d5	8.79	82	242628	81.27	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	93155	134.00	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	545849	88.32	ng	0.00
78) Terphenyl-d14	19.66	244	957170	80.73	ng	0.00

Target Compounds

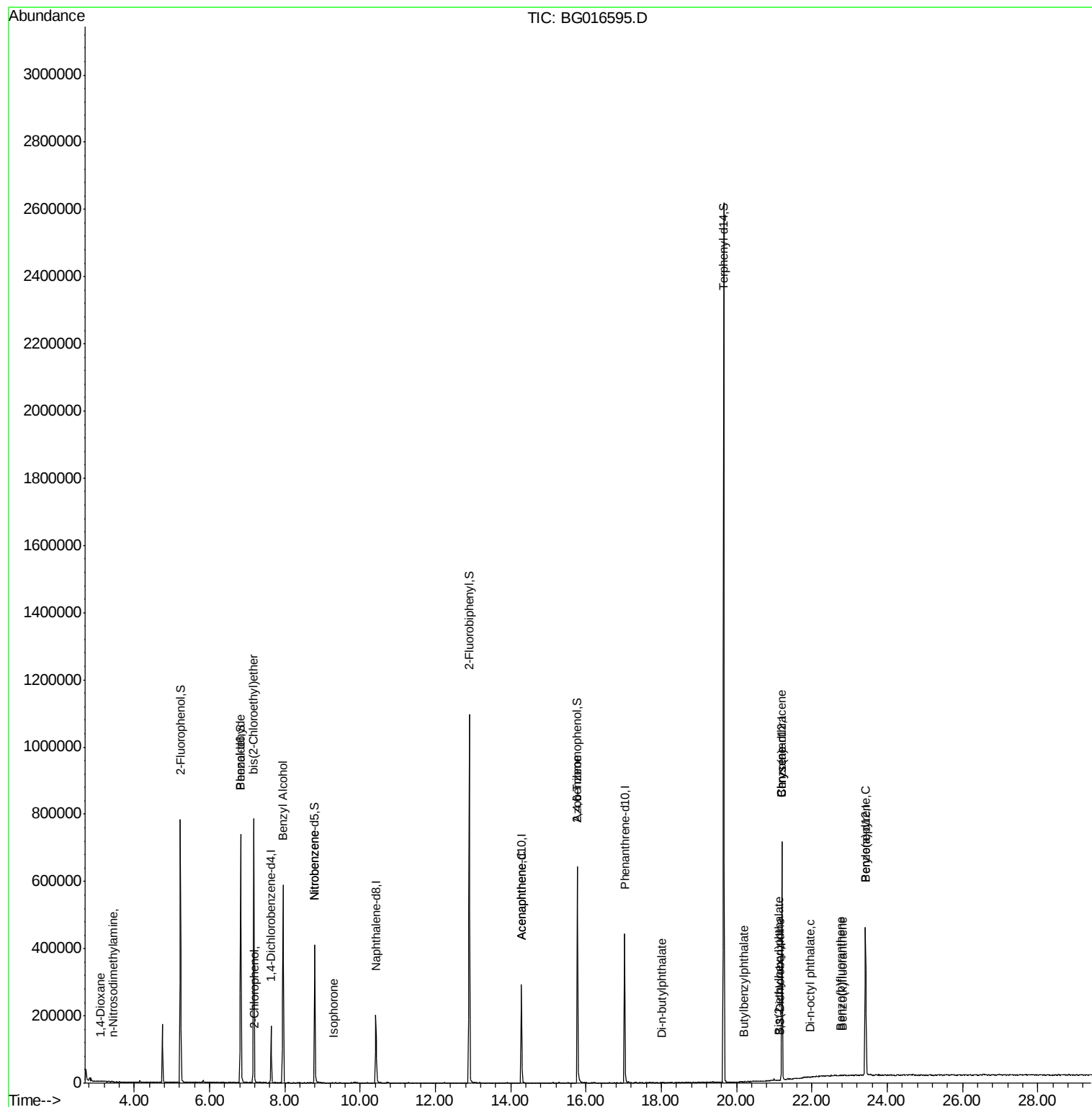
						Qvalue
2) 1,4-Dioxane	3.09	88	136	0.11	ng	# 1
4) n-Nitrosodimethylamine	3.44	42	137	0.13	ng	# 1
8) 2-Chlorophenol	7.21	128	55	0.02	ng	# 1
9) Benzaldehyde	6.82	77	468	0.26	ng	# 1
11) bis(2-Chloroethyl)ether	7.18	93	461	0.14	ng	# 1
15) Benzyl Alcohol	7.95	79	3725	1.50	ng	# 35
24) Nitrobenzene	8.79	77	676	0.22	ng	# 31
25) Isophorone	9.30	82	60	0.01	ng	# 60
51) Acenaphthene	14.29	154	292	0.05	ng	# 6
62) Azobenzene	15.77	77	788	0.11	ng	# 4
73) Di-n-butylphthalate	18.00	149	466	0.03	ng	# 77
79) Butylbenzylphthalate	20.19	149	68	0.01	ng	# 24
80) Benzo(a)anthracene	21.21	228	908	0.05	ng	# 73
81) 3,3'-Dichlorobenzidine	21.15	252	54	0.01	ng	# 26
82) Chrysene	21.21	228	908	0.05	ng	# 71
83) Bis(2-ethylhexyl)phthalate	21.13	149	358	0.03	ng	# 48
84) Di-n-octyl phthalate	21.96	149	502	0.02	ng	# 1
87) Benzo(b)fluoranthene	22.76	252	111	0.01	ng	# 55
88) Benzo(k)fluoranthene	22.81	252	129	0.01	ng	# 54
89) Benzo(a)pyrene	23.43	252	1177	0.08	ng	# 68

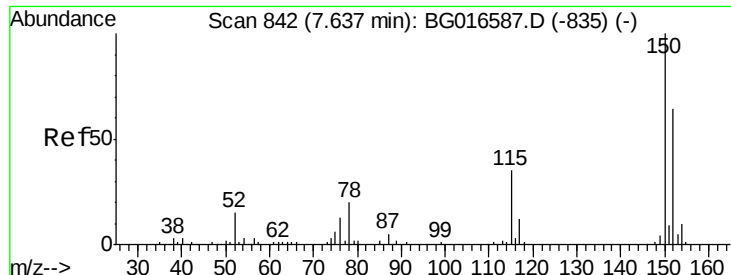
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
Data File : BG016595.D
Acq On : 21 Apr 2015 22:07
Operator : TP/IZ
Sample : PB82885BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82885BL

Quant Time: Apr 22 04:45:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

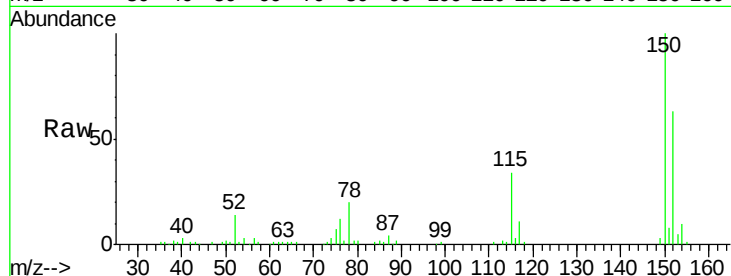
Tgt Ion:152 Resp: 44808

Ion Ratio Lower Upper

152 100

150 159.9 125.5 188.3

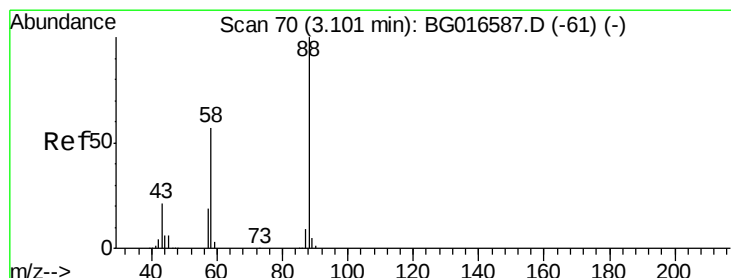
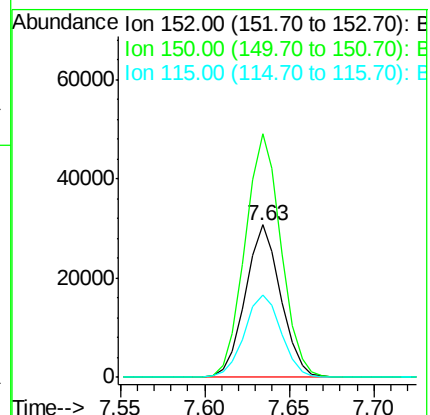
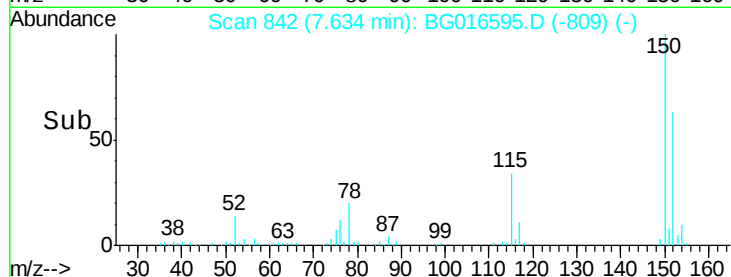
115 54.4 44.5 66.7



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: 0.11 ng

RT: 3.09 min Scan# 69

Delta R.T. -0.01 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

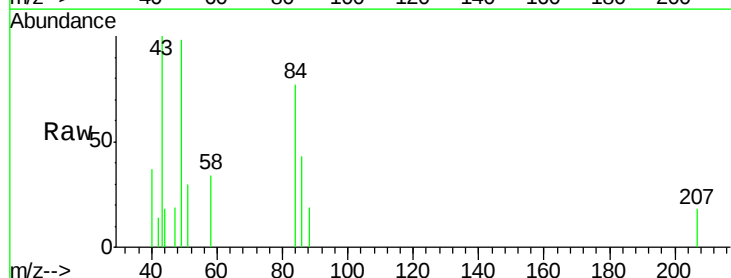
Tgt Ion: 88 Resp: 136

Ion Ratio Lower Upper

88 100

58 123.5 46.0 69.0#

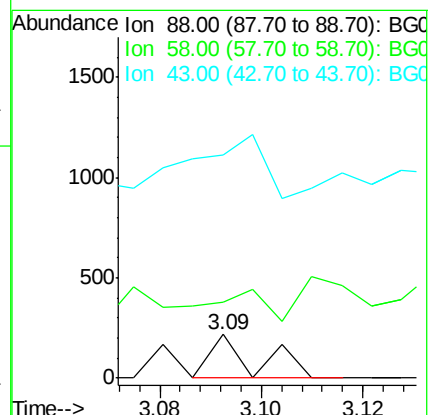
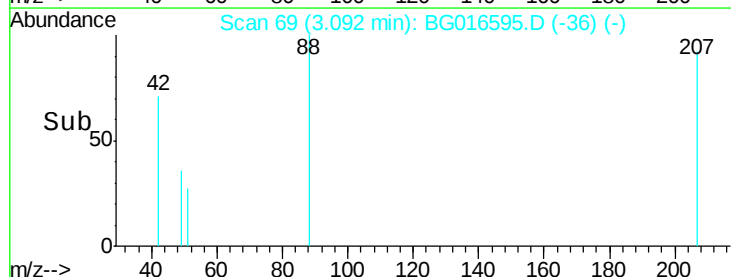
43 210.3 16.2 24.4#

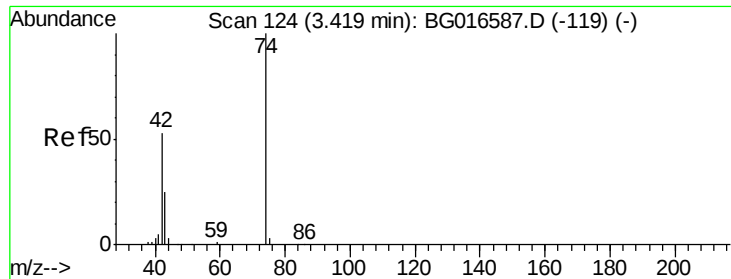


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 3.44 min Scan# 129

Delta R.T. 0.03 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

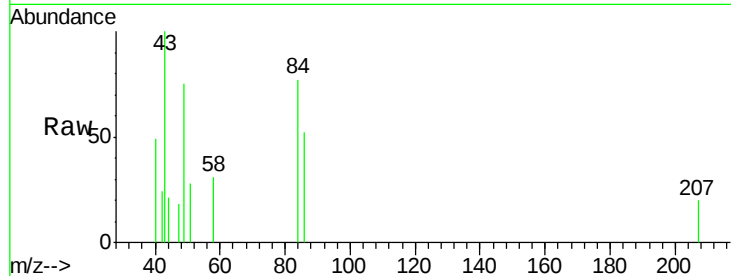
Tgt Ion: 42 Resp: 137

Ion Ratio Lower Upper

42 100

74 0.0 151.6 227.4#

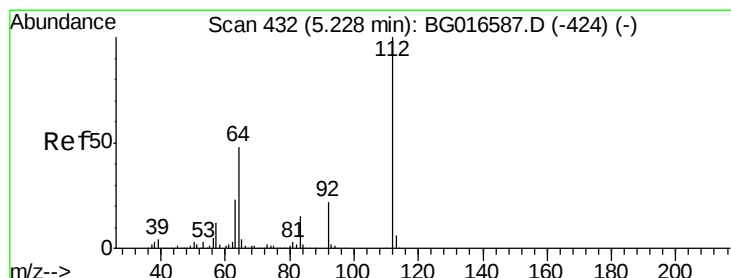
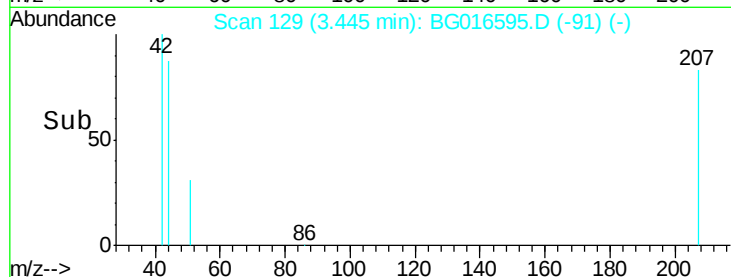
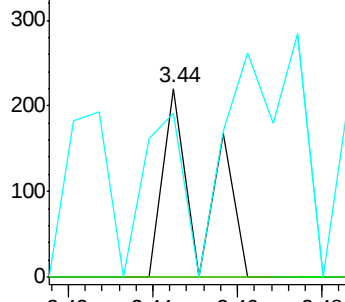
44 86.8 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 131.89 ng

RT: 5.23 min Scan# 432

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

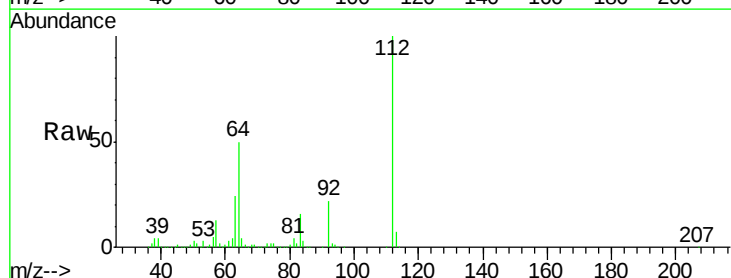
Tgt Ion: 112 Resp: 368730

Ion Ratio Lower Upper

112 100

64 50.2 38.5 57.7

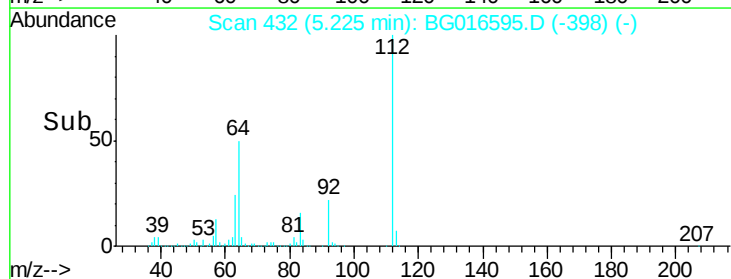
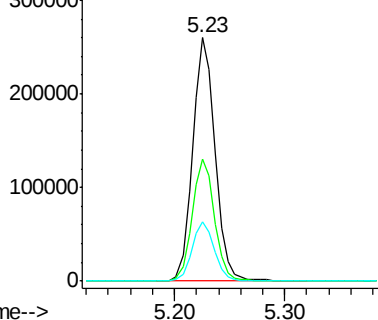
63 24.5 18.2 27.4

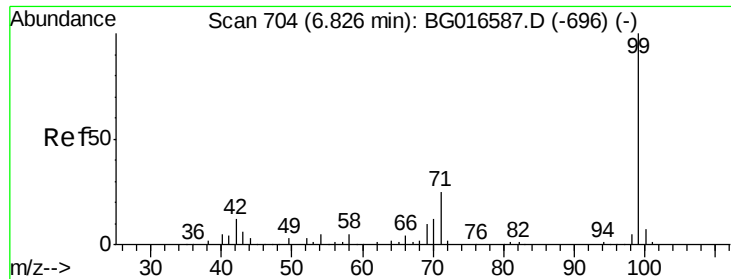


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.27 ng

RT: 6.82 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

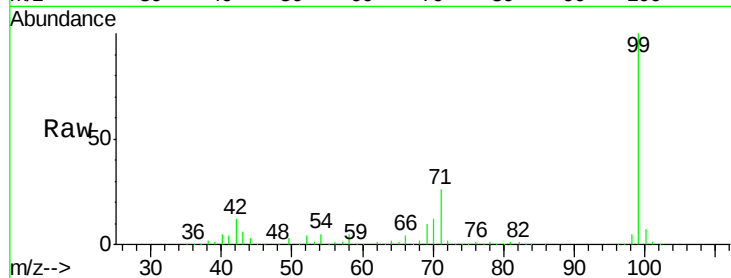
Tgt Ion: 99 Resp: 501018

Ion Ratio Lower Upper

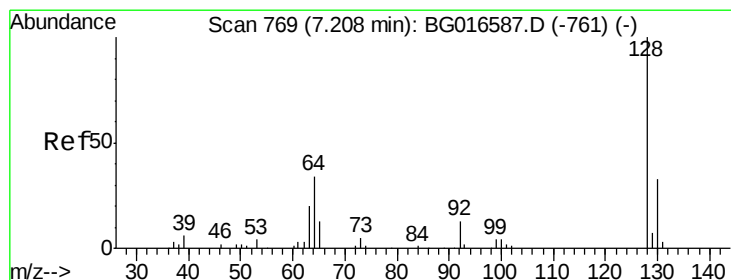
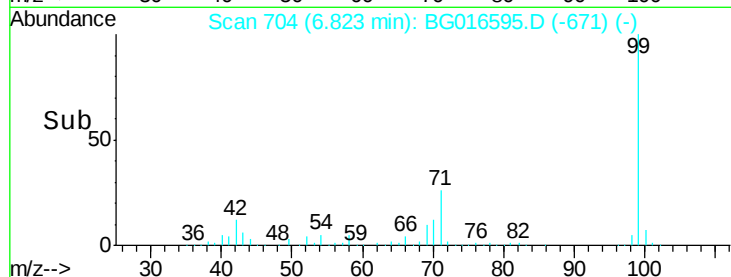
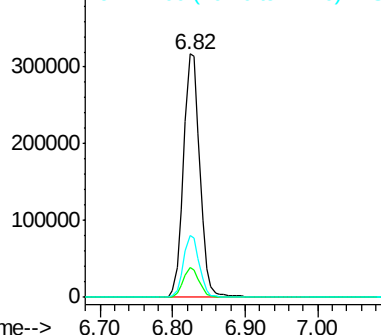
99 100

42 12.0 9.5 14.3

71 25.7 20.2 30.2



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



#8

2-Chlorophenol

Concen: 0.02 ng

RT: 7.21 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

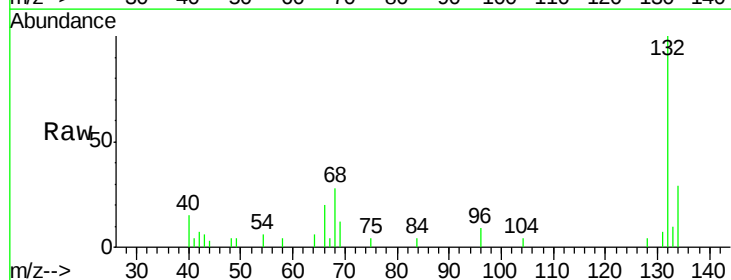
Tgt Ion: 128 Resp: 55

Ion Ratio Lower Upper

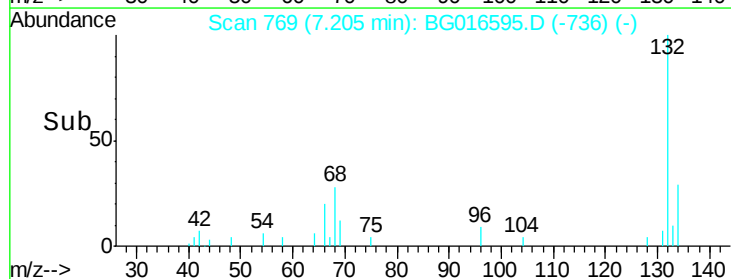
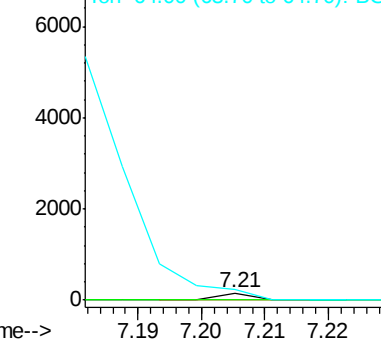
128 100

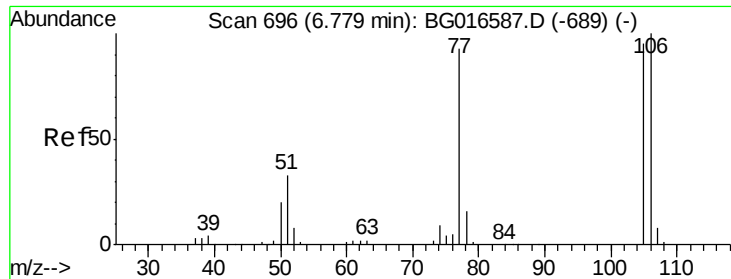
130 0.0 13.5 53.5#

64 155.4 17.9 57.9#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.26 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.04 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

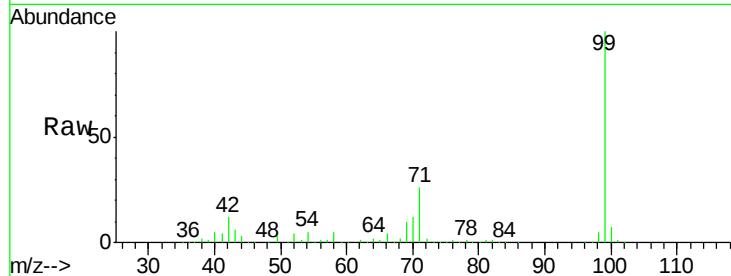
Tgt Ion: 77 Resp: 468

Ion Ratio Lower Upper

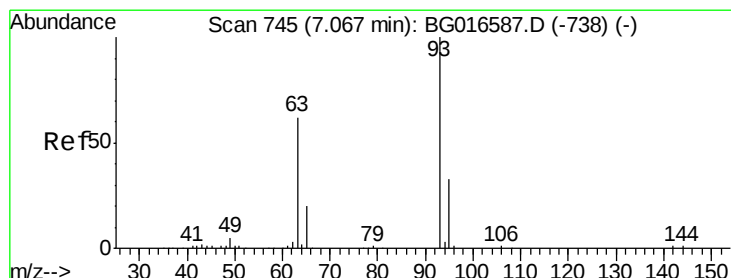
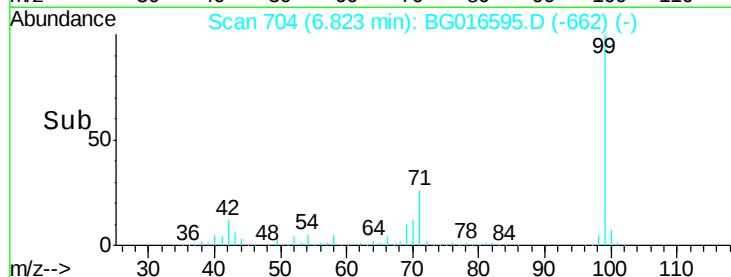
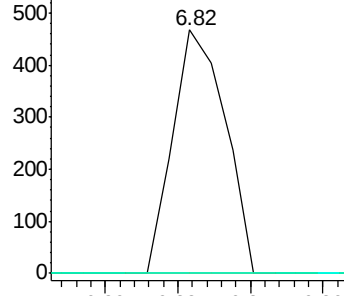
77 100

105 0.0 81.6 121.6#

106 0.0 87.4 127.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.14 ng

RT: 7.18 min Scan# 764

Delta R.T. 0.11 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

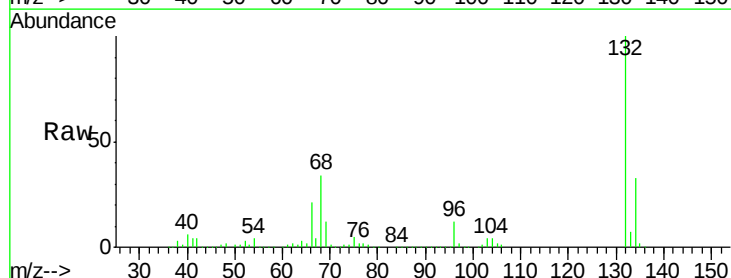
Tgt Ion: 93 Resp: 461

Ion Ratio Lower Upper

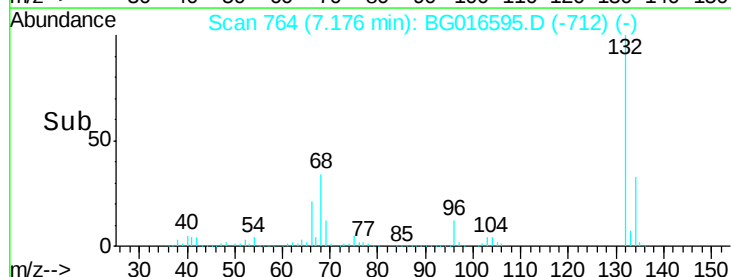
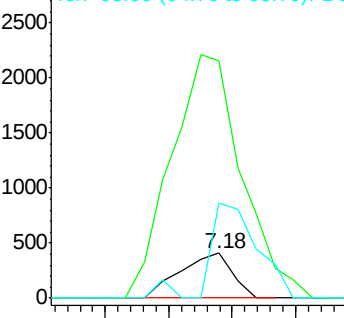
93 100

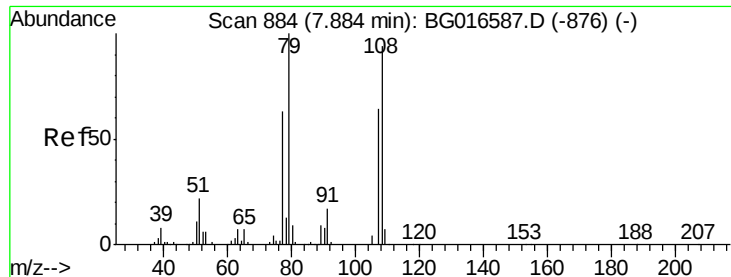
63 531.3 42.0 82.0#

95 213.8 12.6 52.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 1.50 ng

RT: 7.95 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

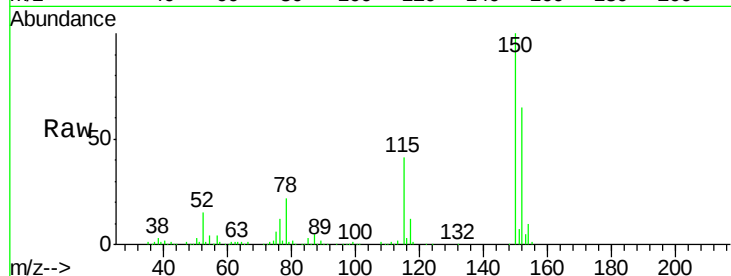
Tgt Ion: 79 Resp: 3725

Ion Ratio Lower Upper

79 100

108 34.0 74.8 112.2#

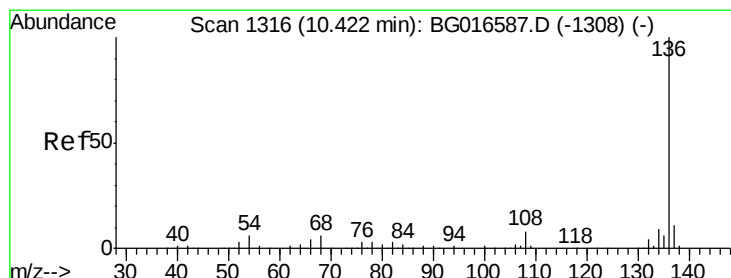
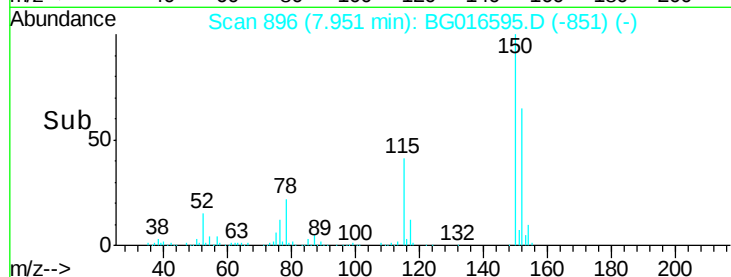
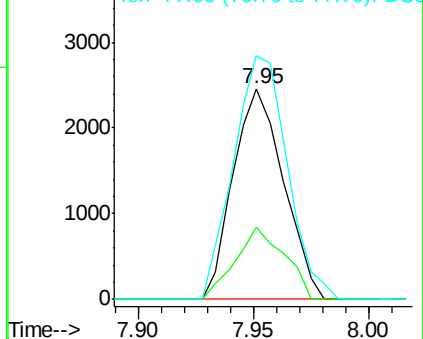
77 115.5 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Tgt Ion: 136 Resp: 183838

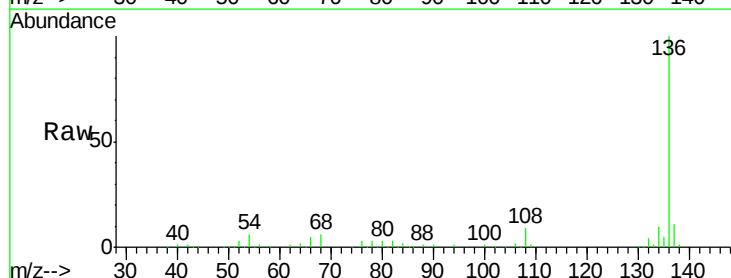
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 6.4 4.9 7.3

68 6.3 4.9 7.3

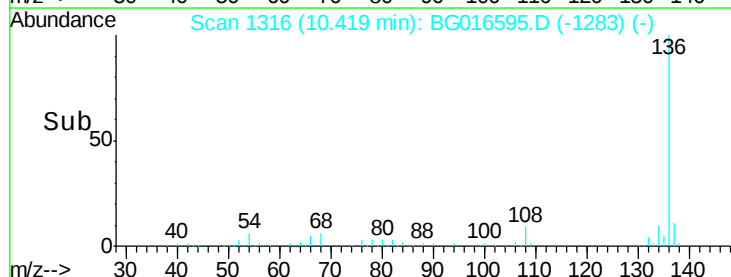
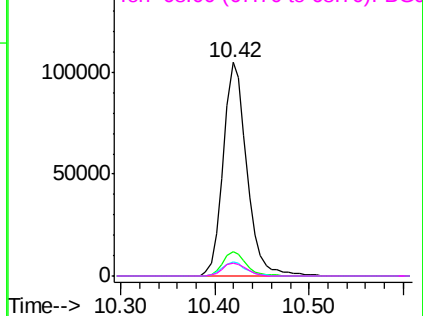


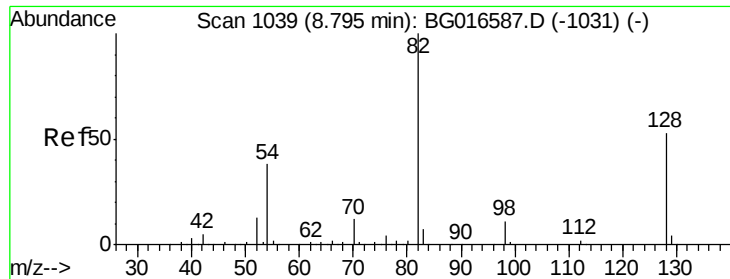
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

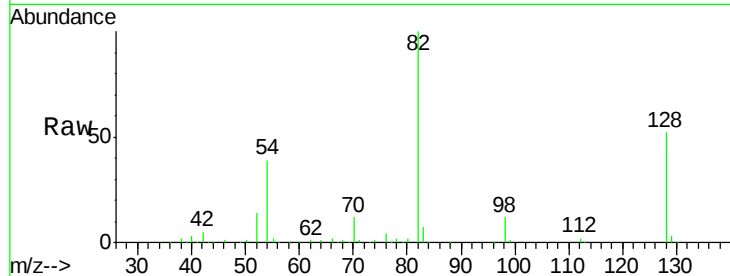




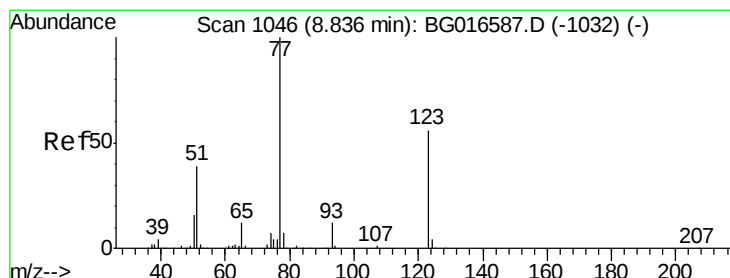
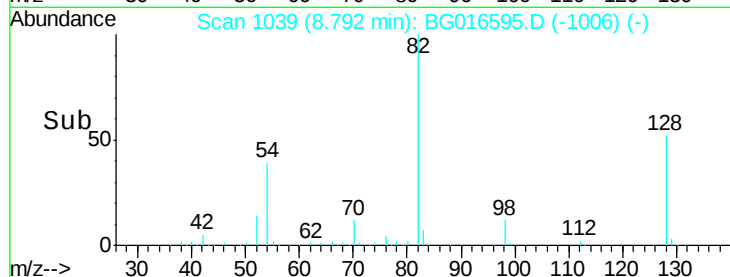
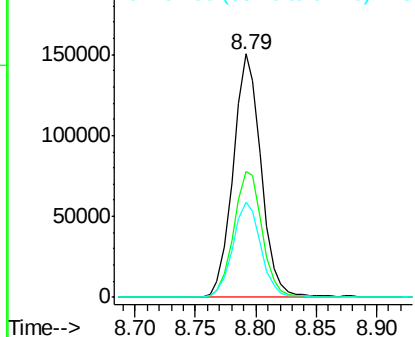
#23
Nitrobenzene-d5
Concen: 81.27 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016595.D
Acq: 21 Apr 2015 22:07

Instrument :
BNA_G
ClientSampleId :
PB82885BL

Tgt Ion: 82 Resp: 242628
Ion Ratio Lower Upper
82 100
128 51.6 42.7 64.1
54 39.3 30.6 45.8

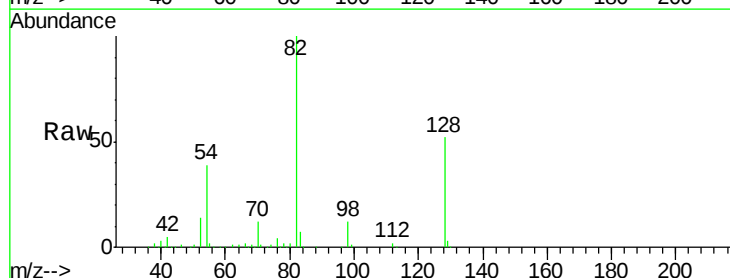


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

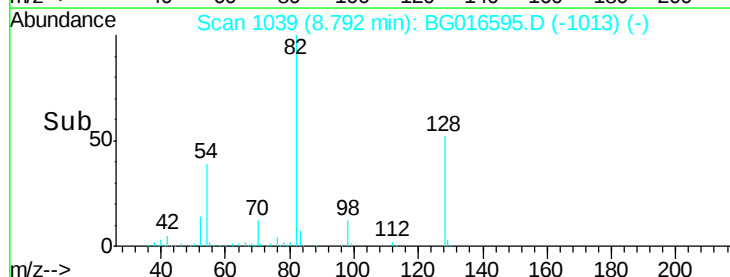
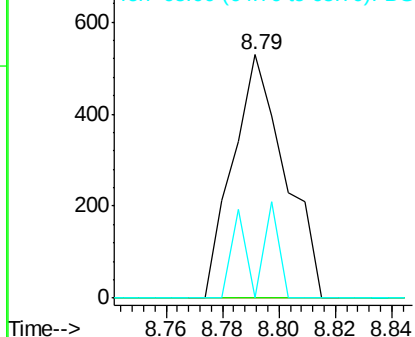


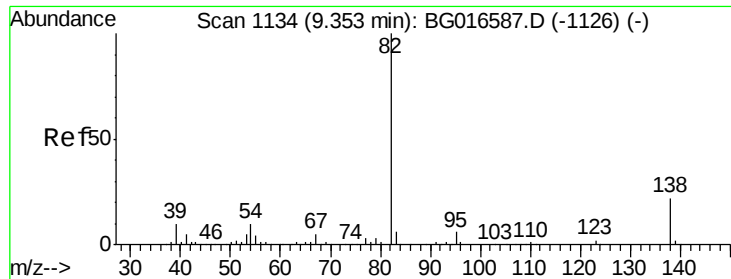
#24
Nitrobenzene
Concen: 0.22 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.04 min
Lab File: BG016595.D
Acq: 21 Apr 2015 22:07

Tgt Ion: 77 Resp: 676
Ion Ratio Lower Upper
77 100
123 0.0 44.8 67.2#
65 0.0 9.8 14.6#



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





#25

Isophorone

Concen: 0.01 ng

RT: 9.30 min Scan# 1125

Delta R.T. -0.06 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

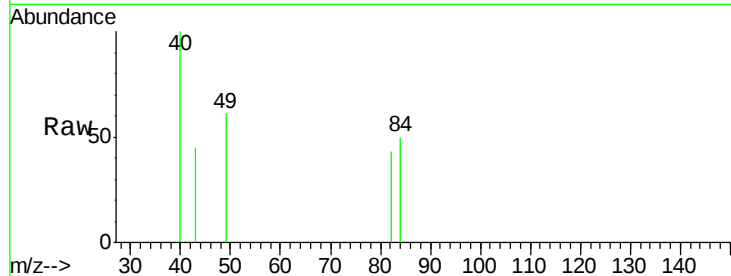
Tgt Ion: 82 Resp: 60

Ion Ratio Lower Upper

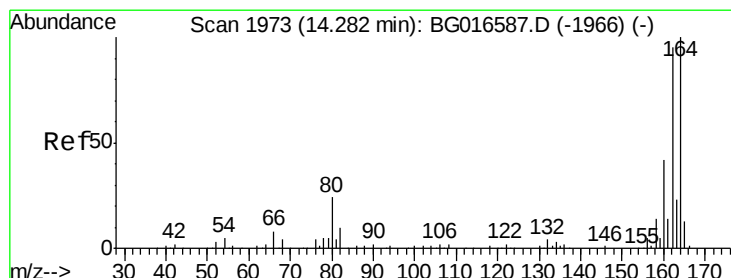
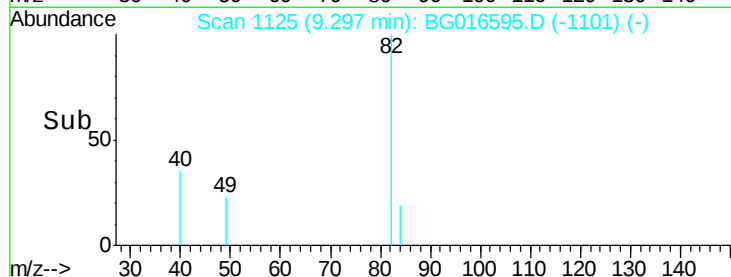
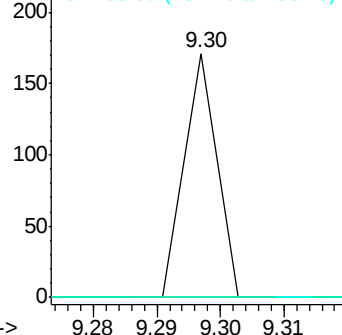
82 100

95 0.0 4.9 7.3#

138 0.0 17.7 26.5#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.28 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

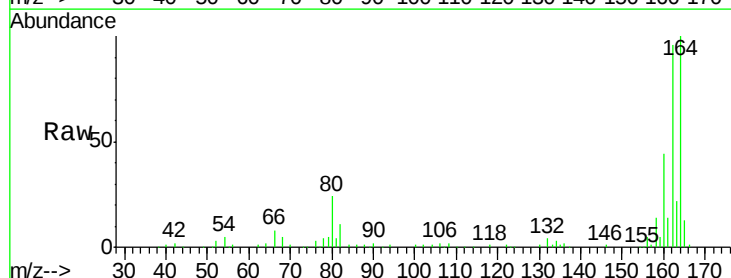
Tgt Ion: 164 Resp: 102352

Ion Ratio Lower Upper

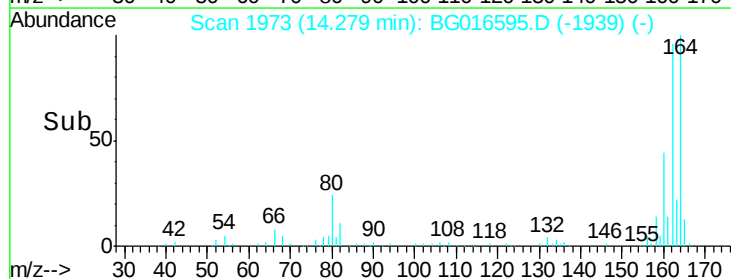
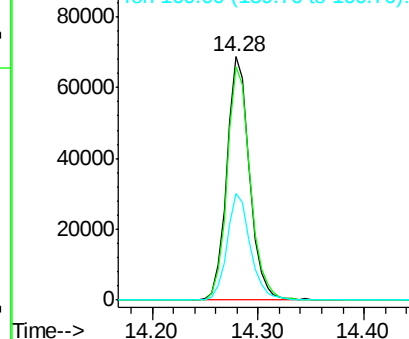
164 100

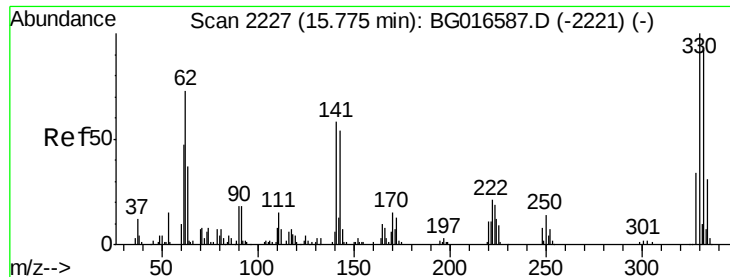
162 95.9 75.8 113.6

160 43.7 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

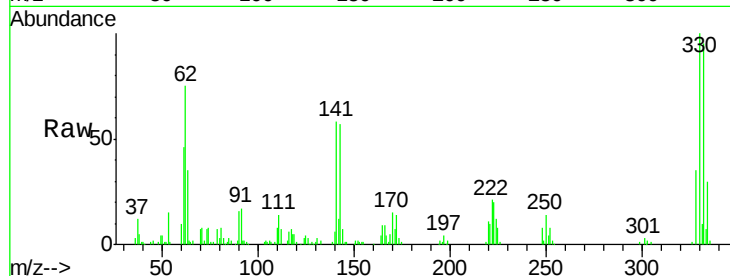




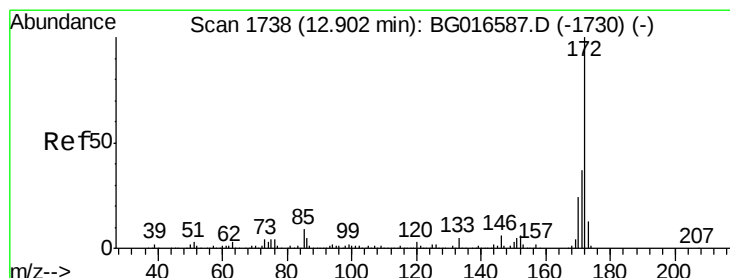
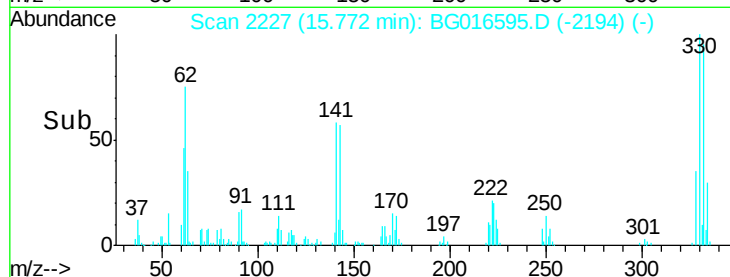
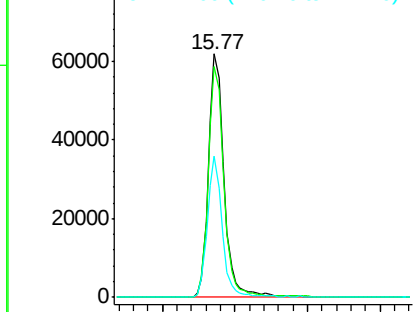
#41
 2,4,6-Tribromophenol
 Concen: 134.00 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016595.D
 Acq: 21 Apr 2015 22:07

Instrument :
 BNA_G
 ClientSampleId :
 PB82885BL

Tgt Ion:330 Resp: 93155
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 55.2 45.9 68.9

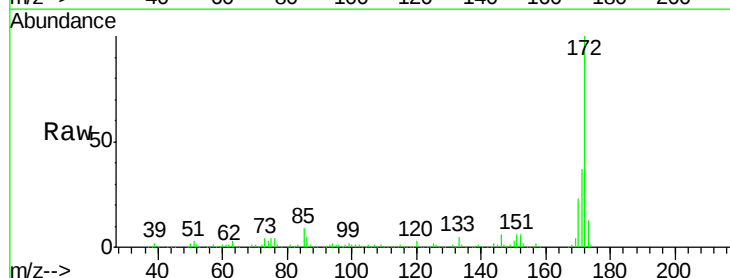


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

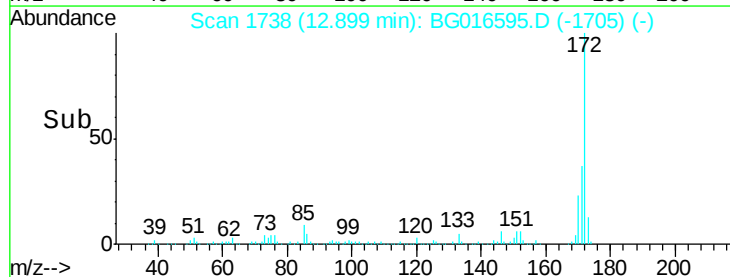
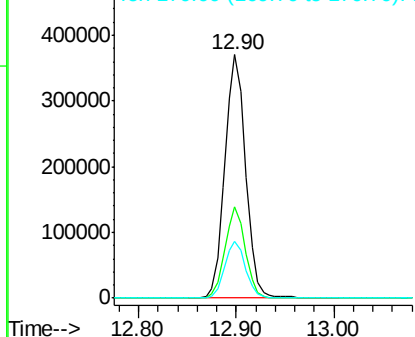


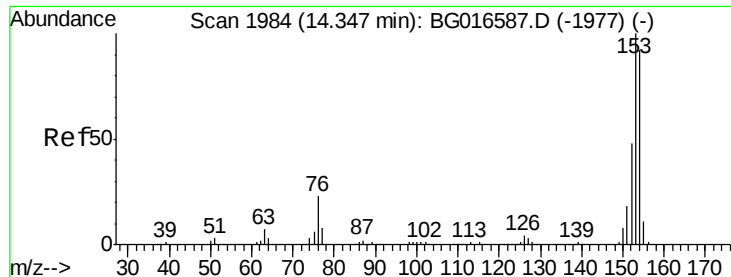
#44
 2-Fluorobiphenyl
 Concen: 88.32 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016595.D
 Acq: 21 Apr 2015 22:07

Tgt Ion:172 Resp: 545849
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 23.4 19.4 29.0



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





#51

Acenaphthene

Concen: 0.05 ng

RT: 14.29 min Scan# 1974

Delta R.T. -0.06 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

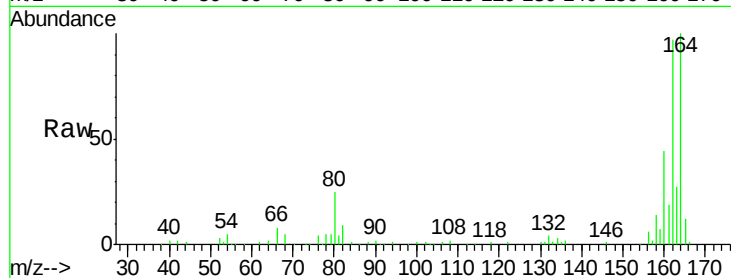
Tgt Ion: 154 Resp: 292

Ion Ratio Lower Upper

154 100

153 0.0 87.3 130.9#

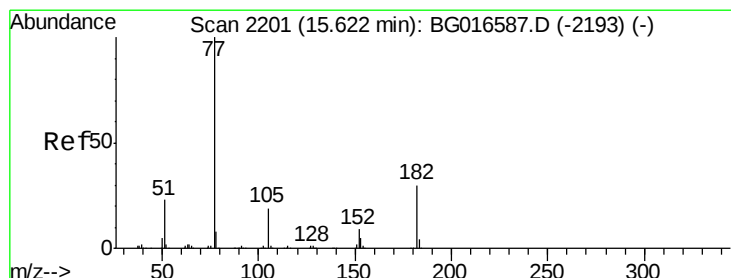
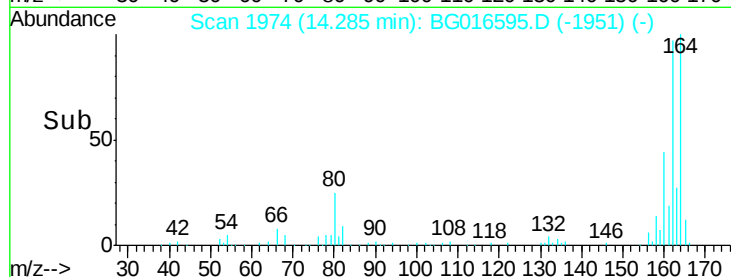
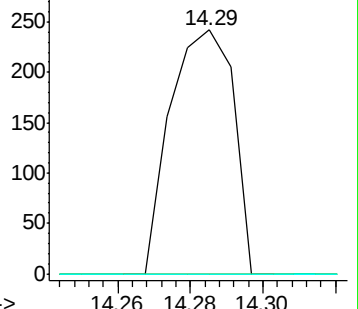
152 0.0 41.4 62.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#62

Azobenzene

Concen: 0.11 ng

RT: 15.77 min Scan# 2226

Delta R.T. 0.14 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Tgt Ion: 77 Resp: 788

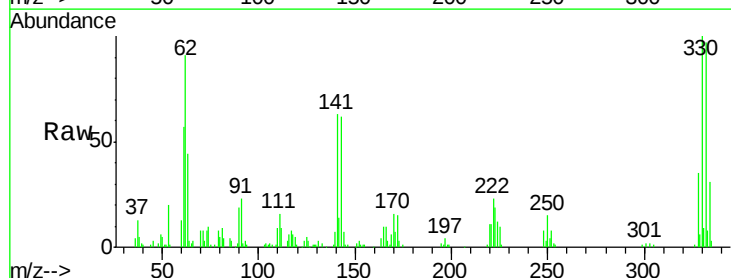
Ion Ratio Lower Upper

77 100

182 0.0 9.9 49.9#

105 95.2 0.0 38.8#

51 65.3 2.7 42.7#

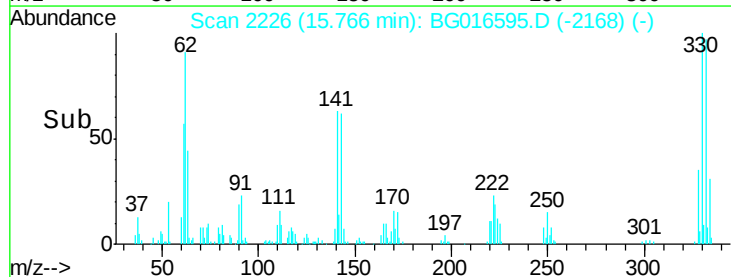
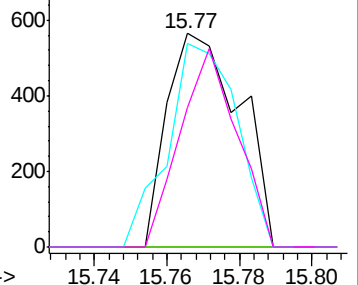


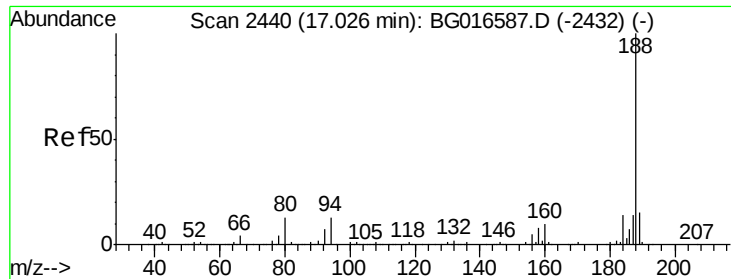
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

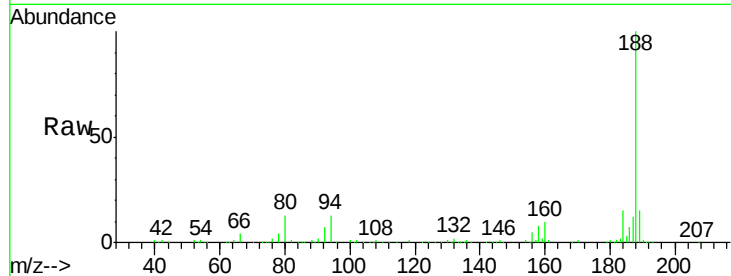




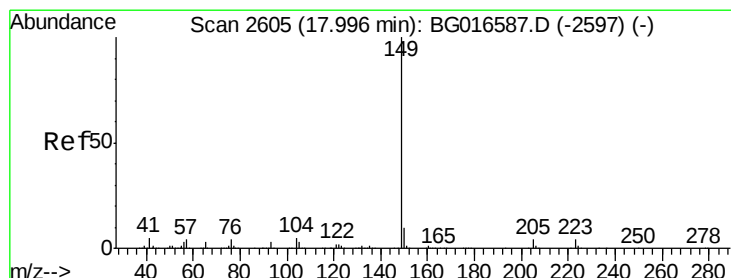
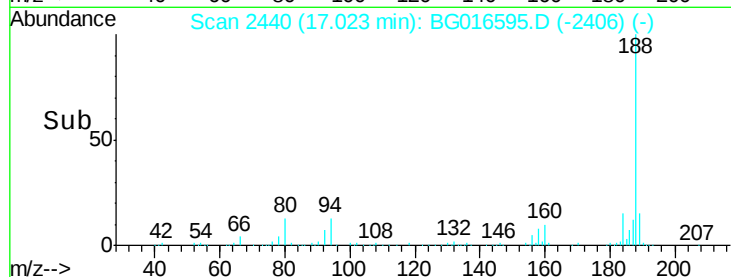
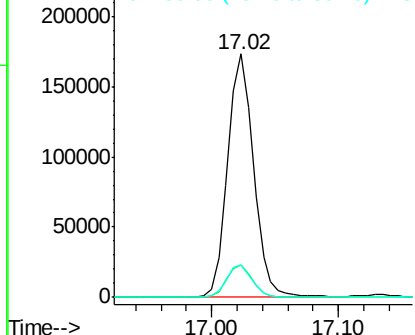
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016595.D
Acq: 21 Apr 2015 22:07

Instrument :
BNA_G
ClientSampleId :
PB82885BL

Tgt Ion:188 Resp: 246156
Ion Ratio Lower Upper
188 100
94 13.1 10.5 15.7
80 13.4 10.6 16.0

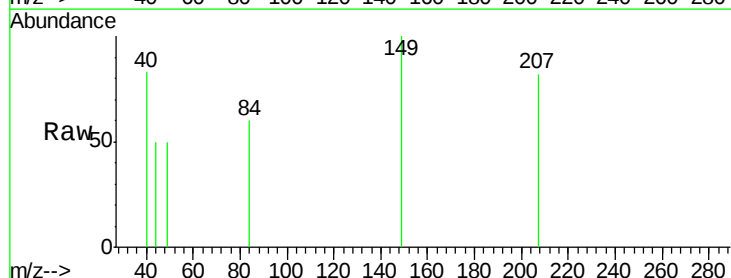


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

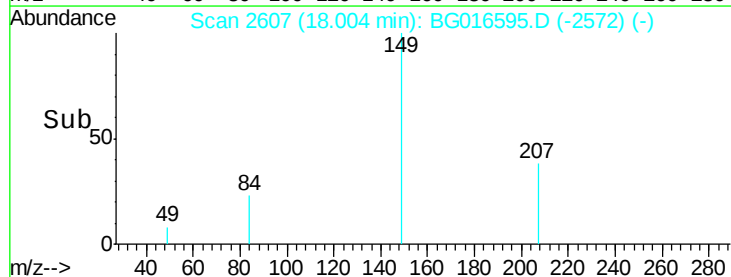
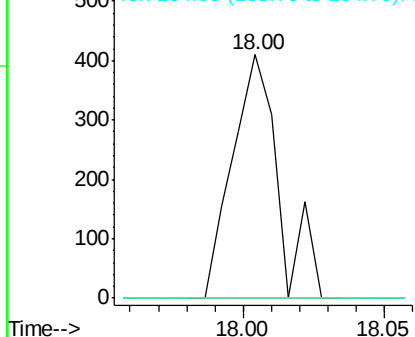


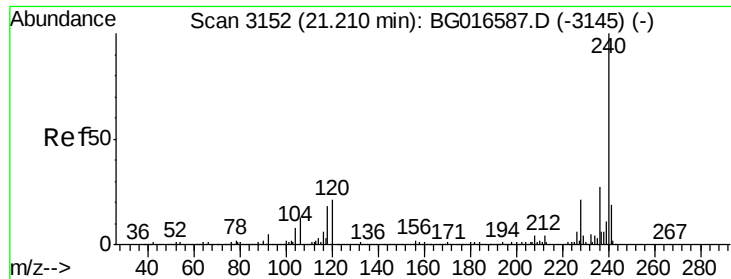
#73
Di-n-butylphthalate
Concen: 0.03 ng
RT: 18.00 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BG016595.D
Acq: 21 Apr 2015 22:07

Tgt Ion:149 Resp: 466
Ion Ratio Lower Upper
149 100
150 0.0 7.9 11.9#
104 0.0 3.8 5.6#



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: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

Instrument :

BNA_G

ClientSampleId :

PB82885BL

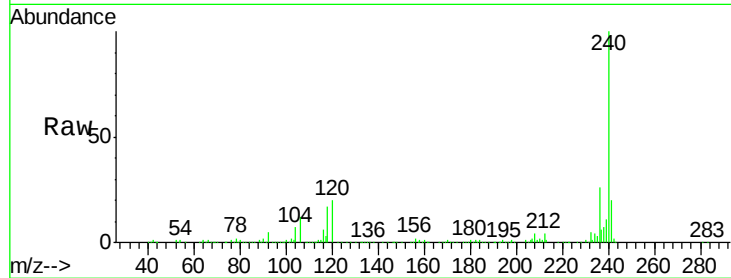
Tgt Ion:240 Resp: 285646

Ion Ratio Lower Upper

240 100

120 19.5 16.7 25.1

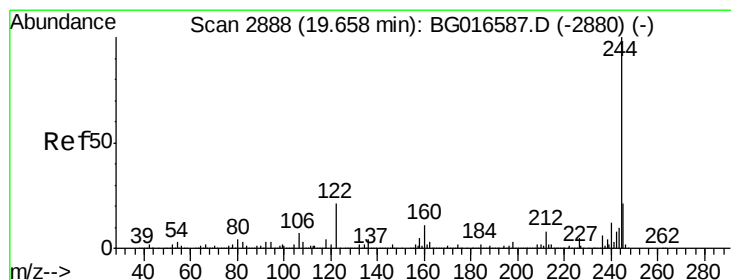
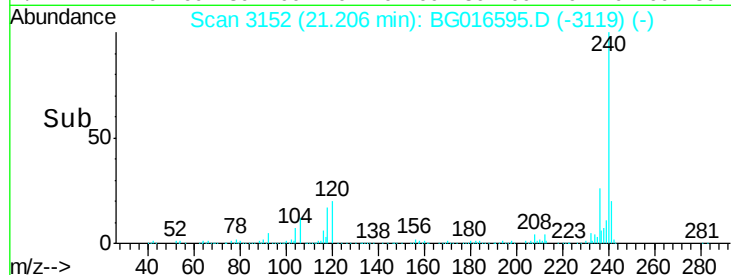
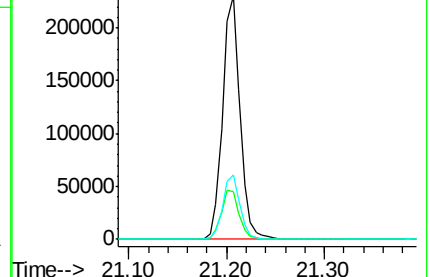
236 26.4 21.7 32.5



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: 80.73 ng

RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG016595.D

Acq: 21 Apr 2015 22:07

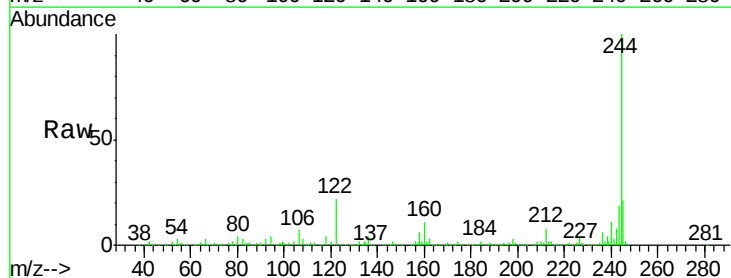
Tgt Ion:244 Resp: 957170

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

122 21.8 17.0 25.6



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

