

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027424.D
 Acq On : 14 Jun 2017 19:27
 Operator : SJ/MA
 Sample : PB99761BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 04:42:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	40900	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	191666	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	127157	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	367076	20.00	ng	0.00
75) Chrysene-d12	22.24	240	429963	20.00	ng	0.00
86) Perylene-d12	25.89	264	412345	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	378841	130.90	ng	0.00
7) Phenol-d6	7.66	99	539341	121.27	ng	0.00
23) Nitrobenzene-d5	9.69	82	308781	82.14	ng	0.00
41) 2,4,6-Tribromophenol	16.60	330	281324	147.41	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	732188	83.18	ng	0.00
78) Terphenyl-d14	20.44	244	1475833	87.97	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	4.09	88	55	0.05	ng	# 1
4) n-Nitrosodimethylamine	4.40	42	292	0.18	ng	# 1
6) Aniline	7.85	93	291	0.05	ng	# 38
9) Benzaldehyde	7.67	77	823	0.27	ng	# 10
10) Phenol	7.69	94	67	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	7.85	93	291	0.08	ng	# 11
15) Benzyl Alcohol	8.85	79	5350	1.66	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	9.03	45	67	0.01	ng	# 74
24) Nitrobenzene	9.69	77	881	0.21	ng	# 46
25) Isophorone	10.13	82	57	0.01	ng	# 67
33) 4-Chloroaniline	11.50	127	78	0.02	ng	# 40
45) 1,1'-Biphenyl	13.95	154	986	0.10	ng	# 68
51) Acenaphthene	15.12	154	453	0.05	ng	# 6
52) 3-Nitroaniline	15.00	138	55	0.02	ng	# 1
55) 4-Nitrophenol	15.30	139	106	0.06	ng	# 29
62) Azobenzene	16.59	77	1518	0.14	ng	# 40
65) n-Nitrosodiphenylamine	16.59	169	9825	0.86	ng	# 50
70) Phenanthrene	17.84	178	56	0.00	ng	# 56
71) Anthracene	17.84	178	56	0.00	ng	# 58
72) Carbazole	18.25	167	66	0.00	ng	# 55
73) Di-n-butylphthalate	18.78	149	2127	0.10	ng	# 82
76) Benzidine	20.09	184	62	0.01	ng	# 64
77) Pyrene	20.44	202	5901	0.25	ng	# 73
79) Butylbenzylphthalate	21.13	149	257	0.03	ng	# 19
80) Benzo(a)anthracene	22.23	228	2178	0.09	ng	# 91
81) 3,3'-Dichlorobenzidine	22.12	252	395	0.04	ng	# 1
82) Chrysene	22.27	228	147	0.01	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.07	149	1918	0.13	ng	# 84
84) Di-n-octyl phthalate	23.43	149	750	0.03	ng	# 63
85) Indeno(1,2,3-cd)pyrene	30.06	276	65	0.00	ng	# 55
87) Benzo(b)fluoranthene	24.70	252	303	0.01	ng	# 58
88) Benzo(k)fluoranthene	24.80	252	189	0.01	ng	# 56
89) Benzo(a)pyrene	25.89	252	1829	0.07	ng	# 36
91) Benzo(g,h,i)perylene	31.44	276	54	0.00	ng	# 59

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 19:09:08 2017
Response via : Initial Calibration

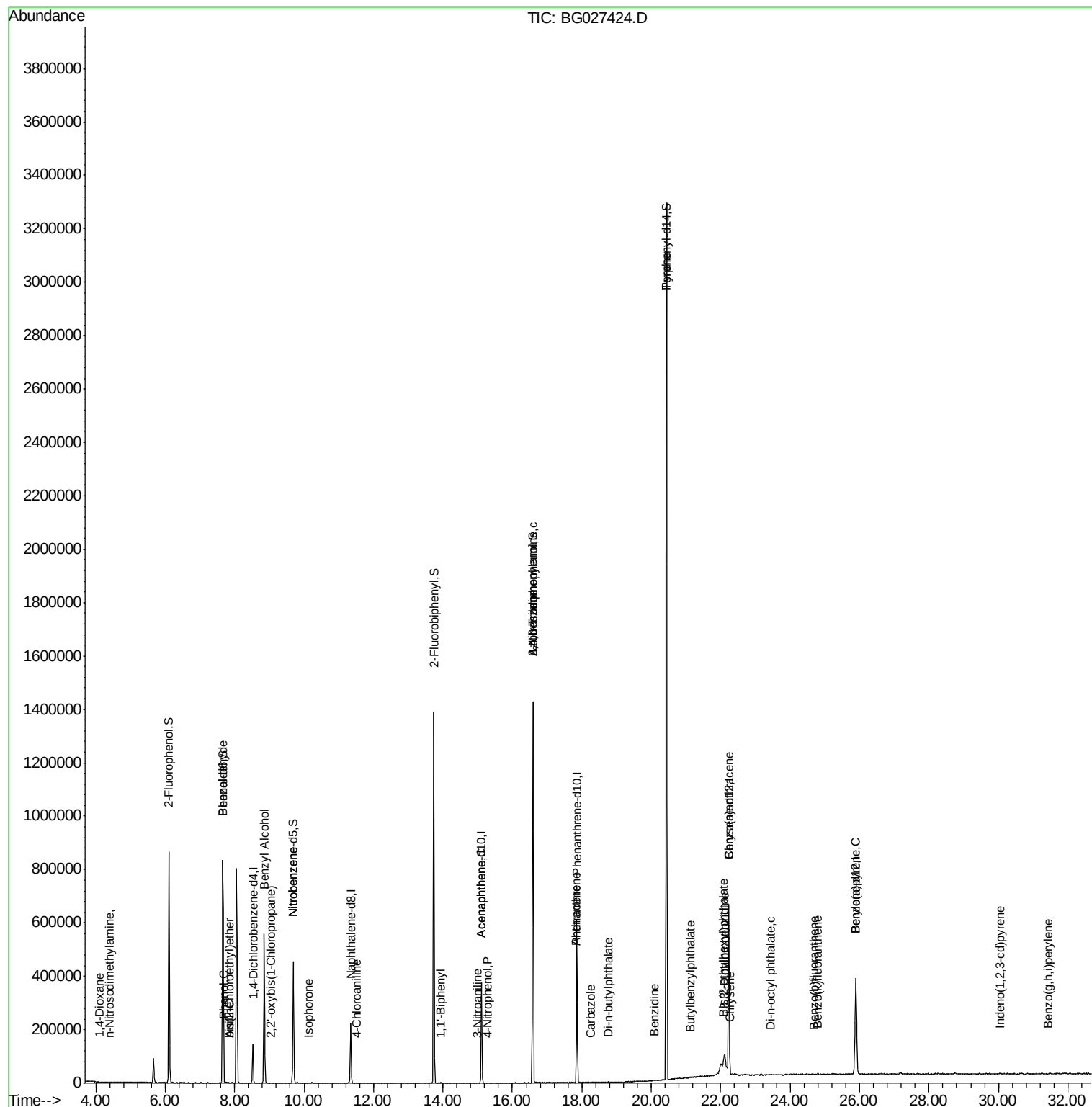
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
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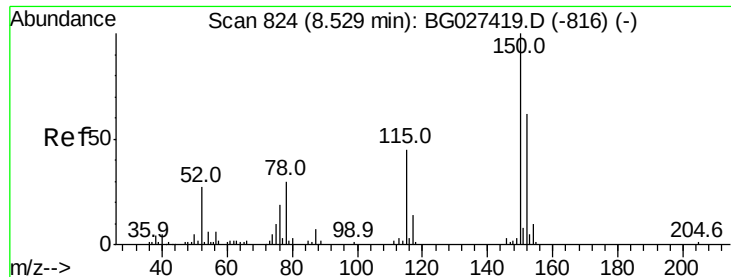
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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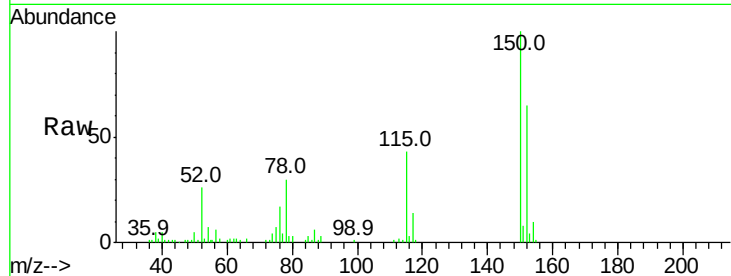


#1

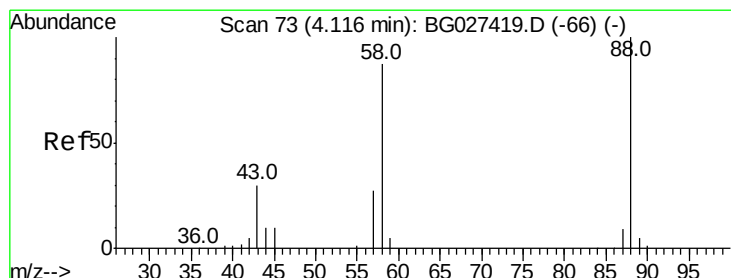
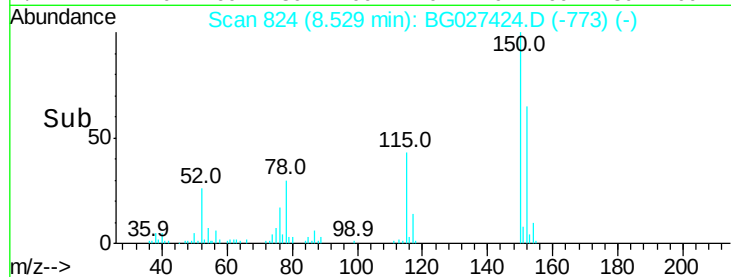
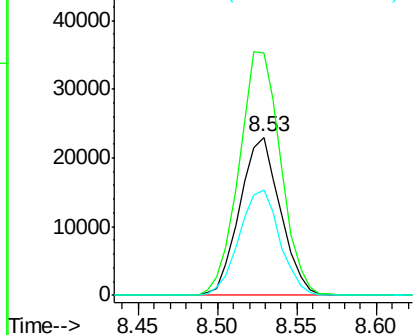
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.53 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40900
Ion Ratio Lower Upper
152 100
150 153.2 114.0 171.0
115 66.6 48.1 72.1



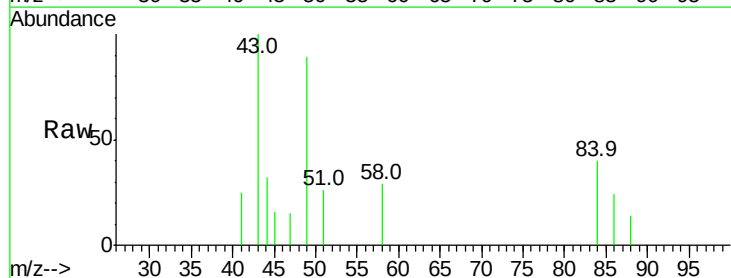
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



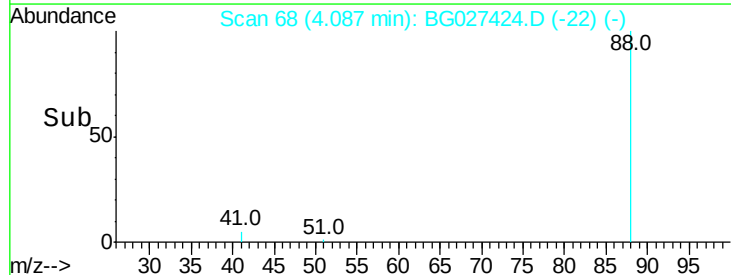
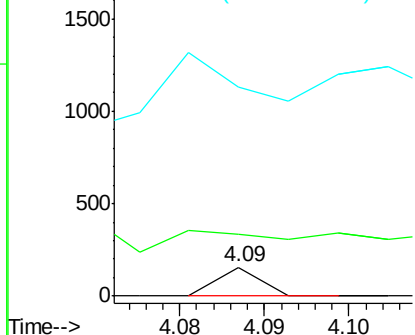
#2

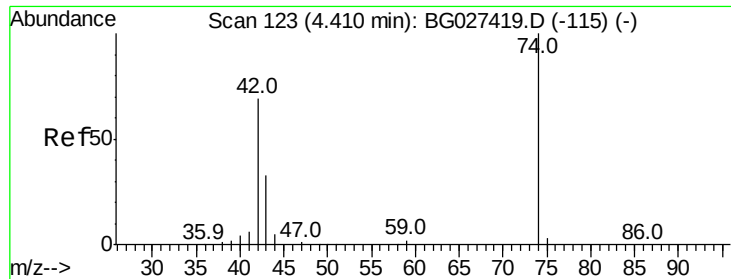
1,4-Dioxane
Concen: 0.05 ng
RT: 4.09 min Scan# 68
Delta R.T. -0.03 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 0.0 79.4 119.2#
43 543.6 33.8 50.6#



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: 0.18 ng

RT: 4.40 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampled :

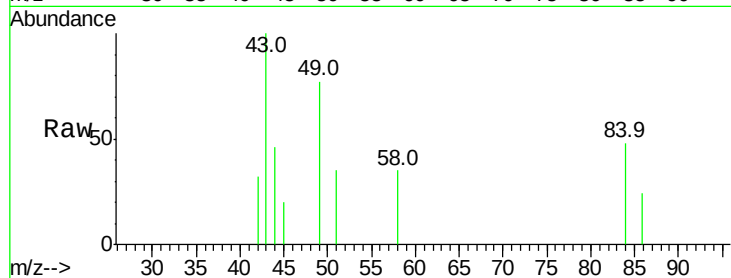
Tot Ion: 42 Resp: 292

Ion Ratio Lower Upper

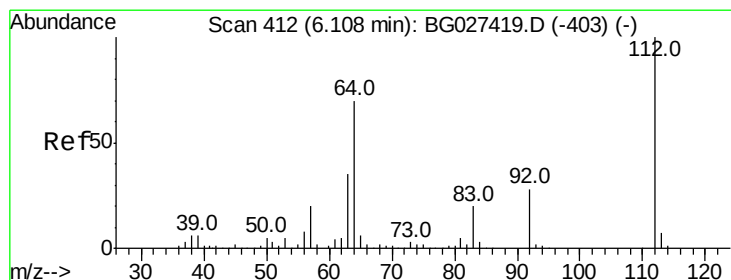
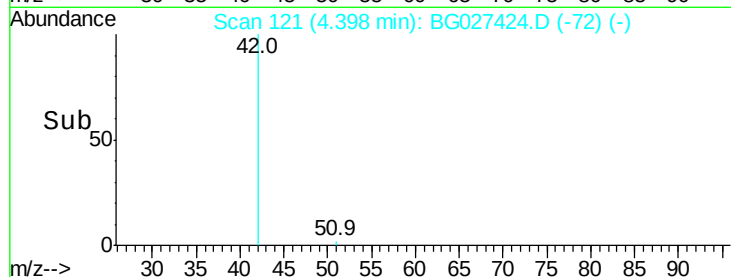
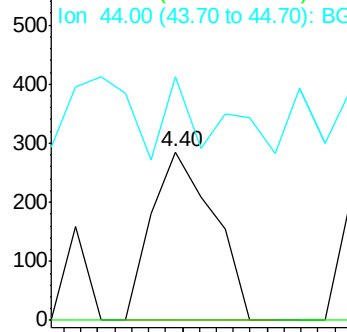
42 100

74 0.0 76.7 115.1#

44 144.6 6.1 9.1#



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: 130.90 ng

RT: 6.11 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

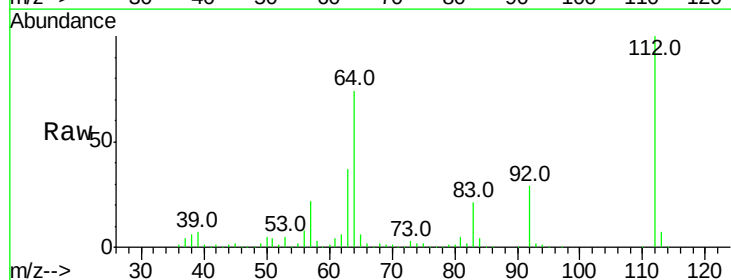
Tgt Ion: 112 Resp: 378841

Ion Ratio Lower Upper

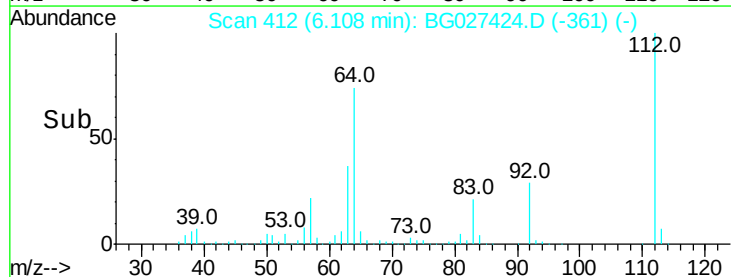
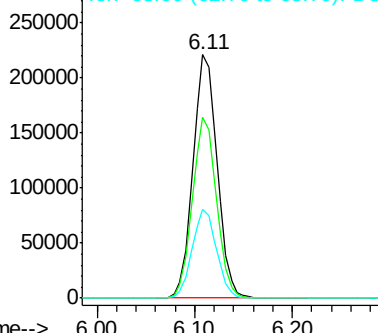
112 100

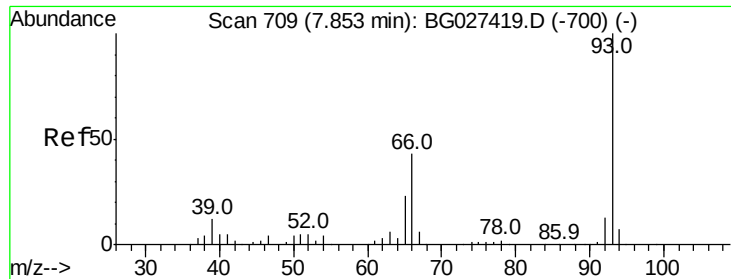
64 74.1 61.8 92.6

63 36.5 37.2 55.8#



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





#6

Aniline

Concen: 0.05 ng

RT: 7.85 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

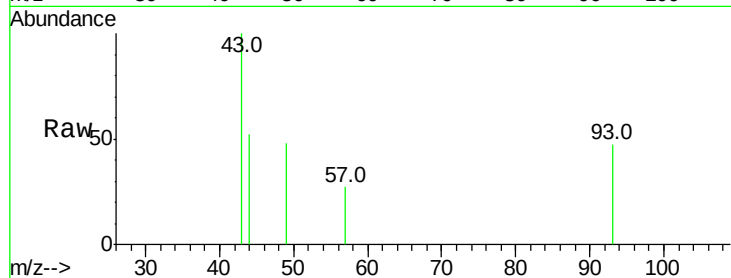
Tot Ion: 93 Resp: 291

Ion Ratio Lower Upper

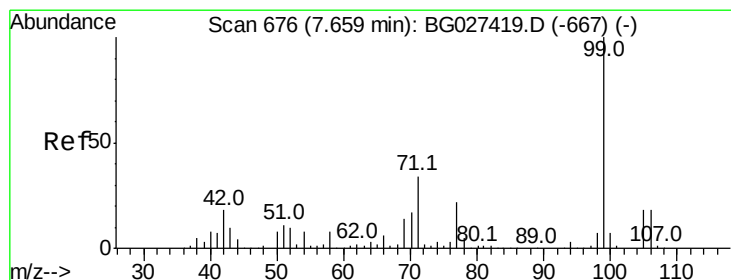
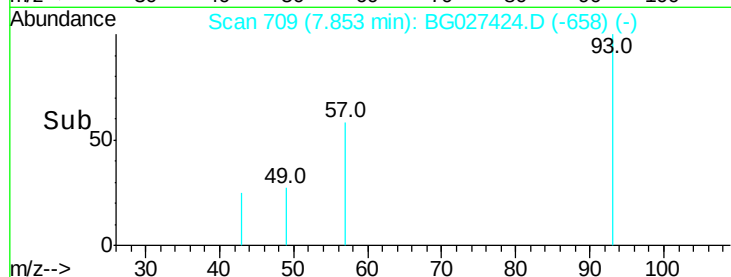
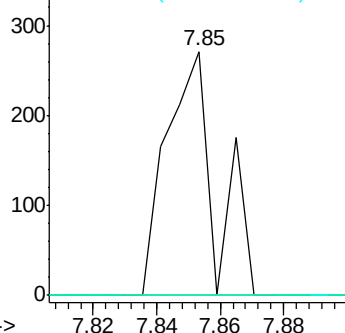
93 100

66 0.0 35.4 53.2#

65 0.0 21.2 31.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 121.27 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

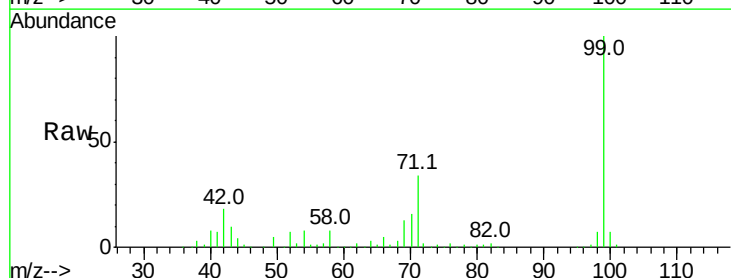
Tgt Ion: 99 Resp: 539341

Ion Ratio Lower Upper

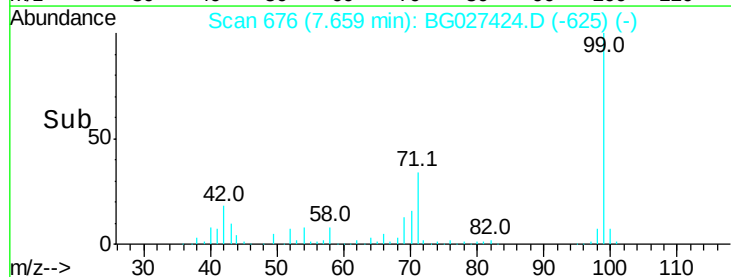
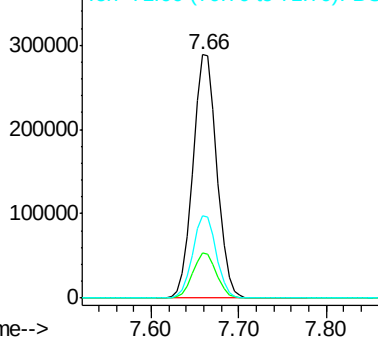
99 100

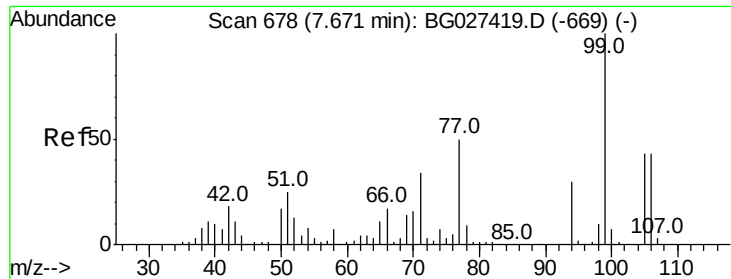
42 18.3 20.5 30.7#

71 33.9 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

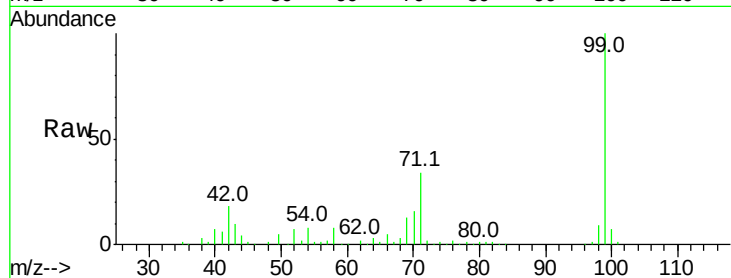




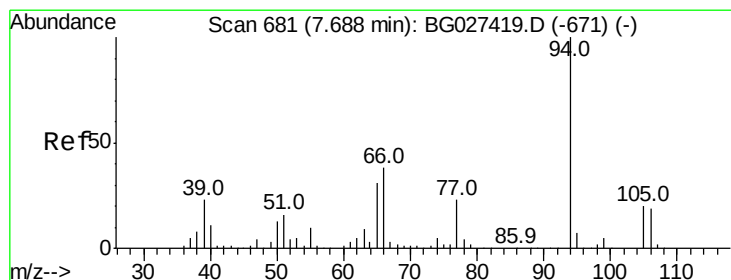
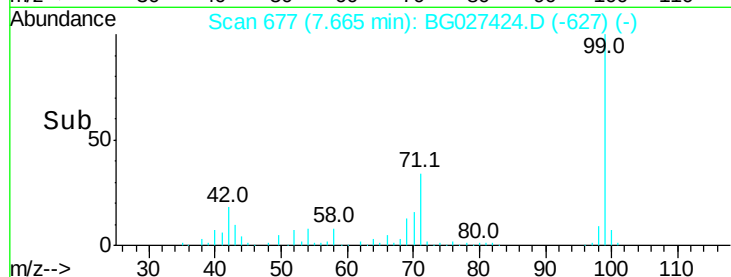
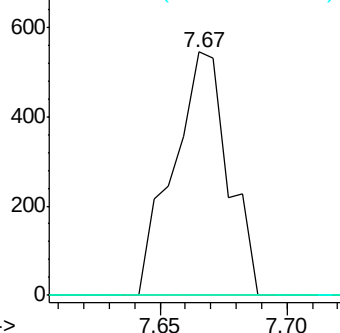
#9
Benzaldehyde
Concen: 0.27 ng
RT: 7.67 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 823
Ion Ratio Lower Upper
77 100
105 0.0 60.9 100.9#
106 0.0 55.1 95.1#

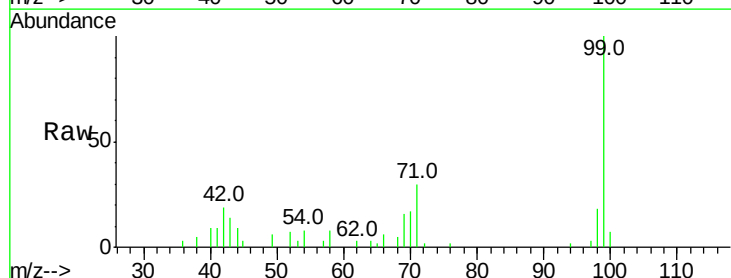


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

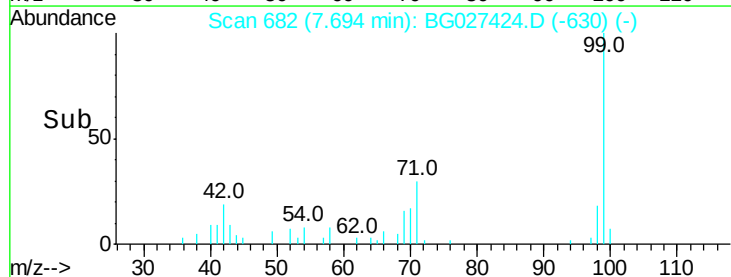
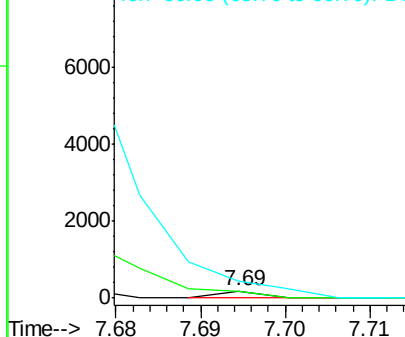


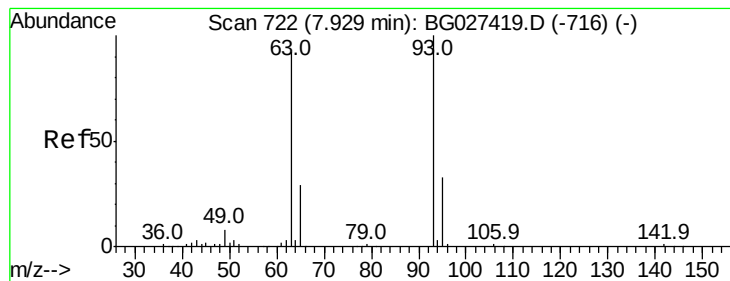
#10
Phenol
Concen: 0.01 ng
RT: 7.69 min Scan# 682
Delta R.T. 0.01 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
65 101.1 20.6 60.6#
66 236.5 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.85 min Scan# 709

Delta R.T. -0.08 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

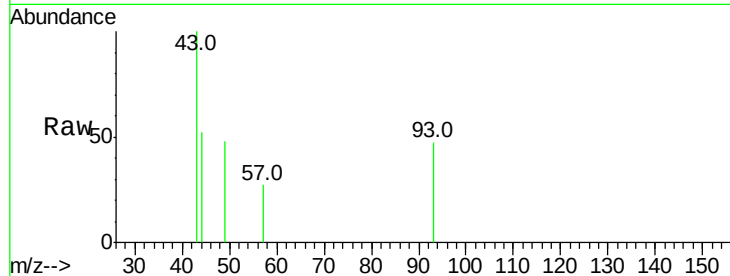
Tot Ion: 93 Resp: 291

Ion Ratio Lower Upper

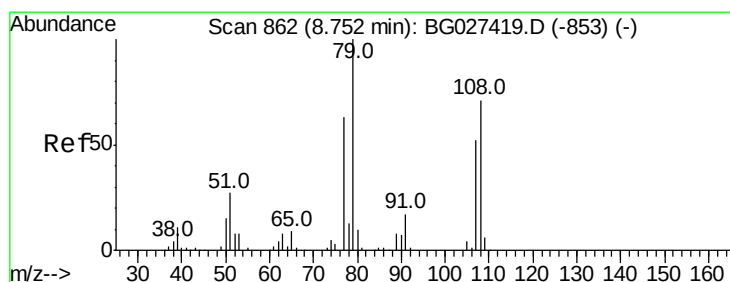
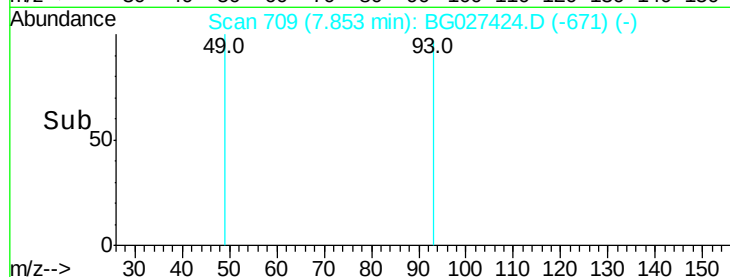
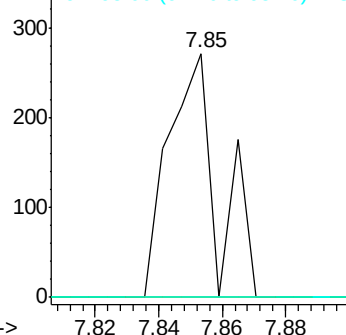
93 100

63 0.0 78.5 118.5#

95 0.0 9.8 49.8#



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: 1.66 ng

RT: 8.85 min Scan# 879

Delta R.T. 0.10 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

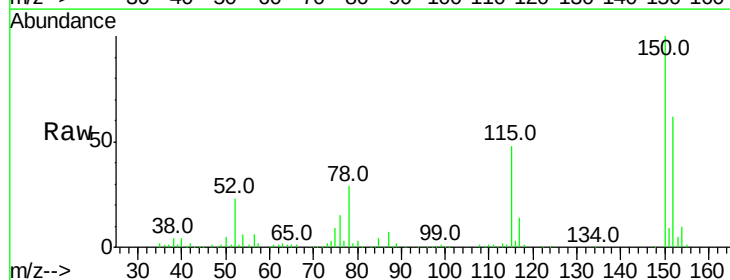
Tgt Ion: 79 Resp: 5350

Ion Ratio Lower Upper

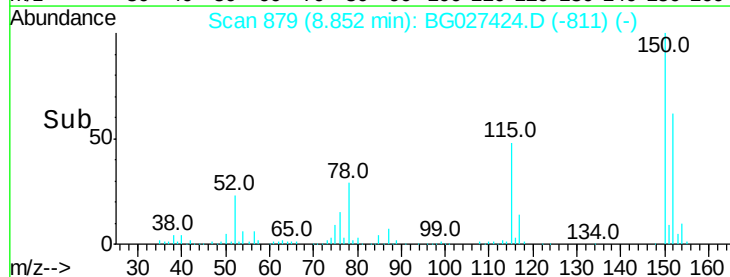
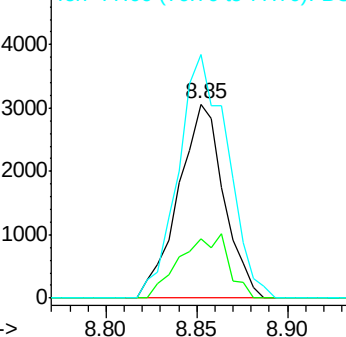
79 100

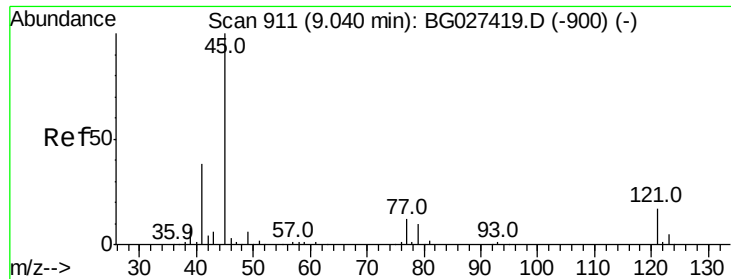
108 30.4 45.5 68.3#

77 125.3 54.3 81.5#



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





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 0.01 ng

RT: 9.03 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

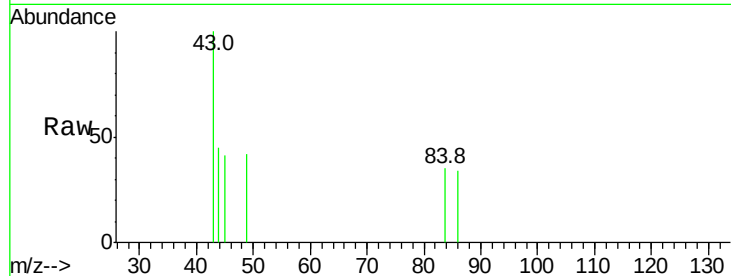
Tot Ion: 45 Resp: 67

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.6

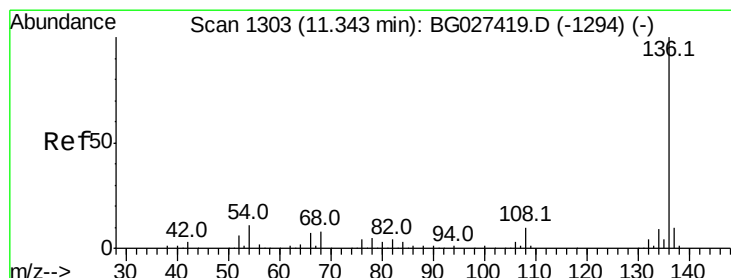
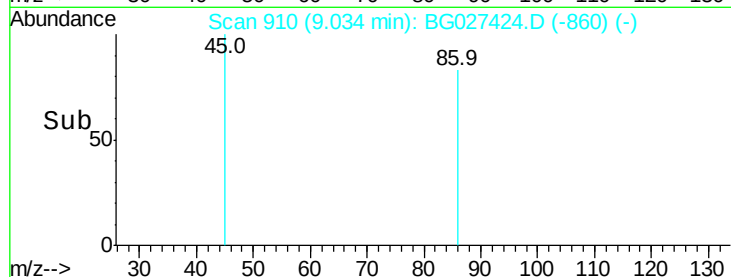
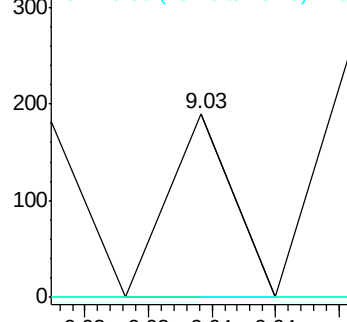
79 0.0 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.34 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Tgt Ion: 136 Resp: 191666

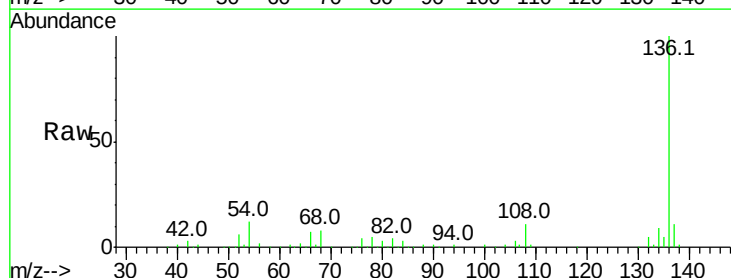
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 12.0 9.3 13.9

68 7.9 5.1 7.7#

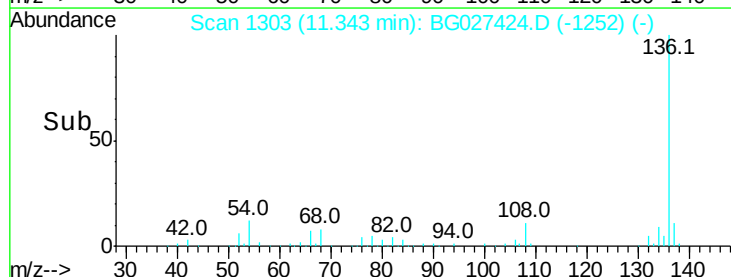
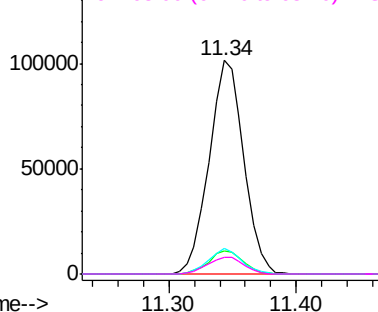


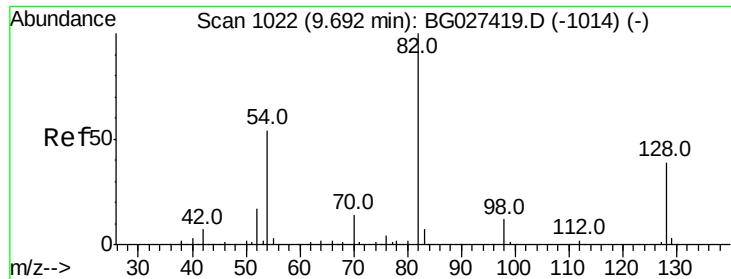
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

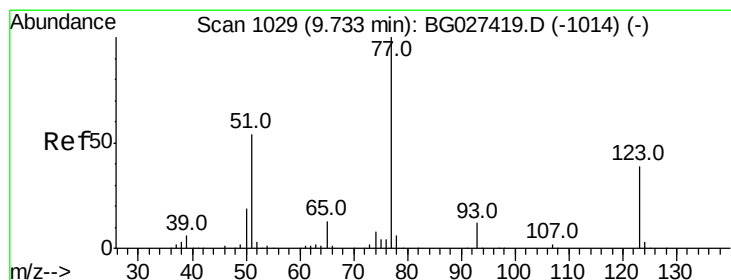
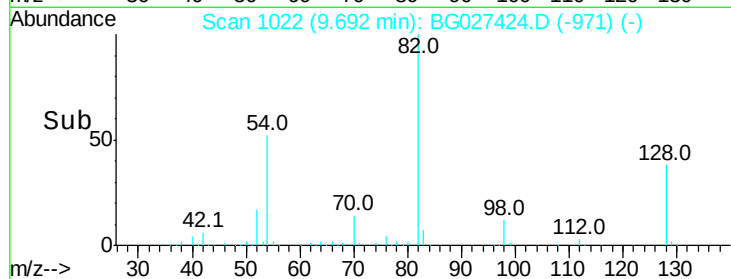
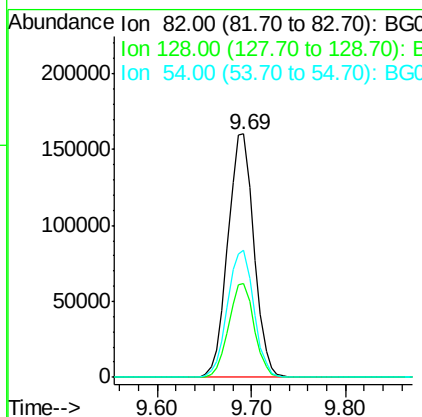
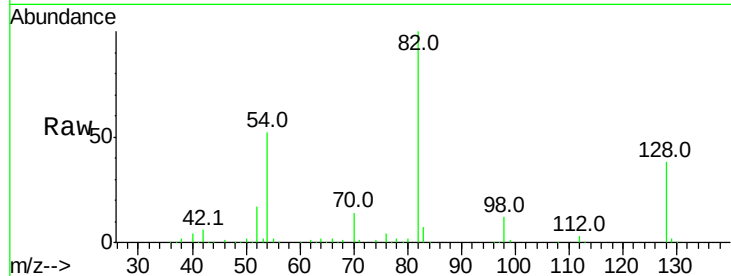




#23
 Nitrobenzene-d5
 Concen: 82.14 ng
 RT: 9.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG027424.D
 Acq: 14 Jun 2017 19:27

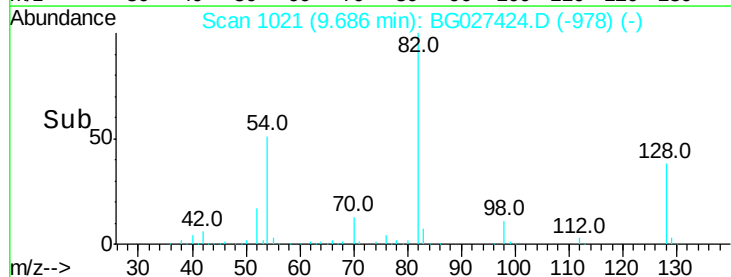
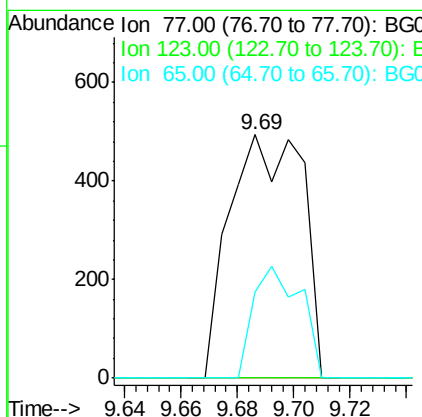
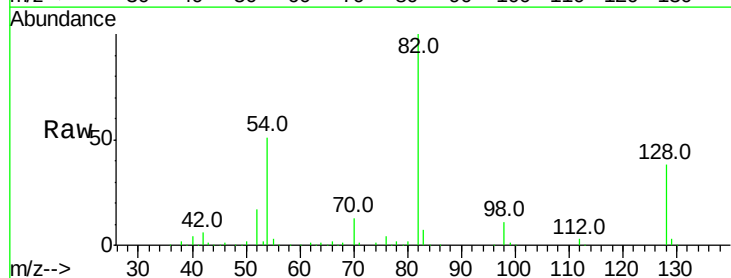
Instrument :
 BNA_G
 ClientSampleId :

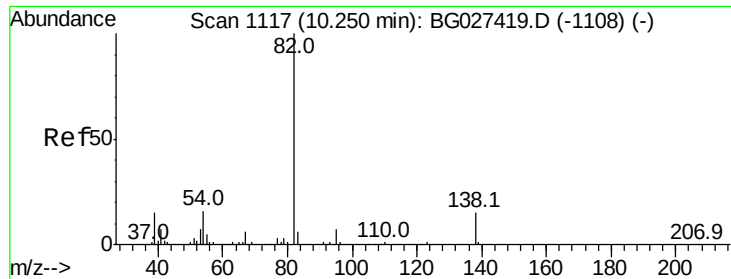
Tot Ion: 82 Resp: 308781
 Ion Ratio Lower Upper
 82 100
 128 38.3 26.4 39.6
 54 52.3 49.4 74.2



#24
 Nitrobenzene
 Concen: 0.21 ng
 RT: 9.69 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BG027424.D
 Acq: 14 Jun 2017 19:27

Tgt Ion: 77 Resp: 881
 Ion Ratio Lower Upper
 77 100
 123 0.0 26.1 39.1#
 65 35.2 12.4 18.6#





#25

Isophorone

Concen: 0.01 ng

RT: 10.13 min Scan# 1097

Delta R.T. -0.12 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

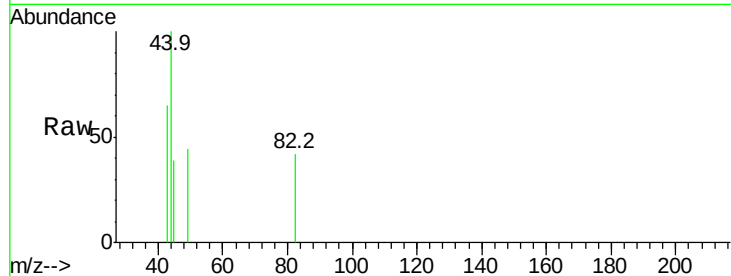
Tot Ion: 82 Resp: 57

Ion Ratio Lower Upper

82 100

95 0.0 7.5 11.3#

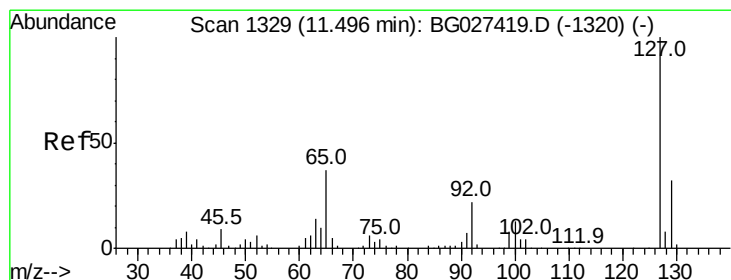
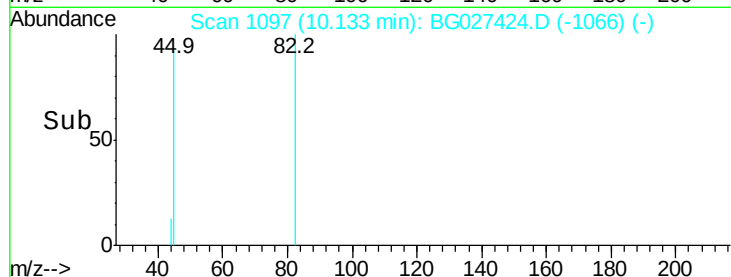
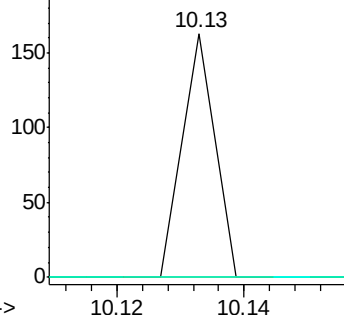
138 0.0 12.3 18.5#



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



#33

4-Chloroaniline

Concen: 0.02 ng

RT: 11.50 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Tgt Ion: 127 Resp: 78

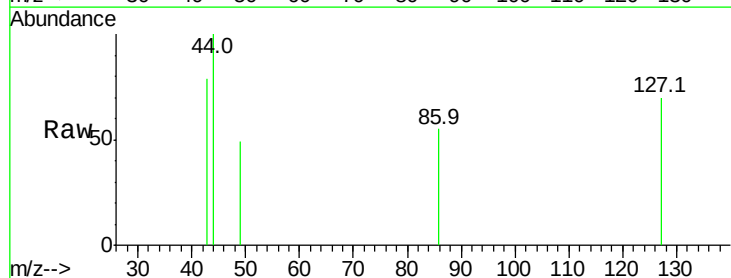
Ion Ratio Lower Upper

127 100

129 0.0 23.6 35.4#

65 0.0 37.7 56.5#

92 0.0 17.6 26.4#

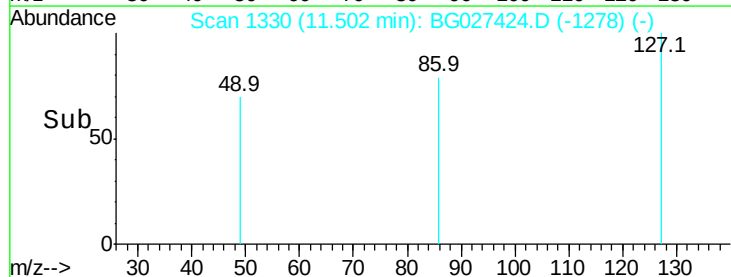
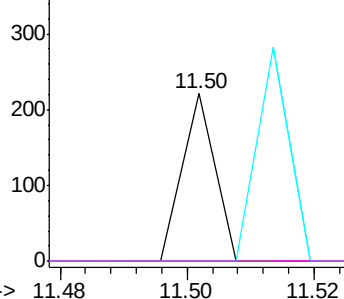


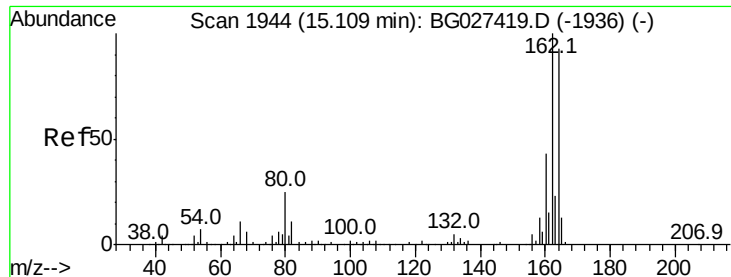
Abundance Ion 127.00 (126.70 to 127.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

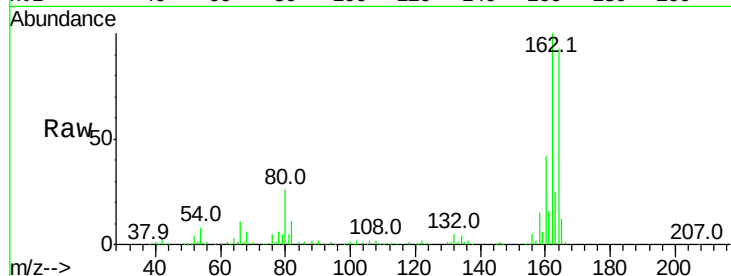




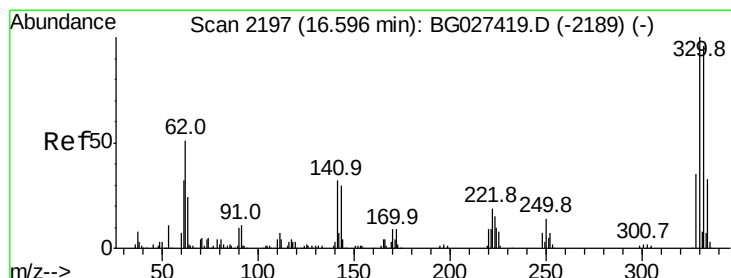
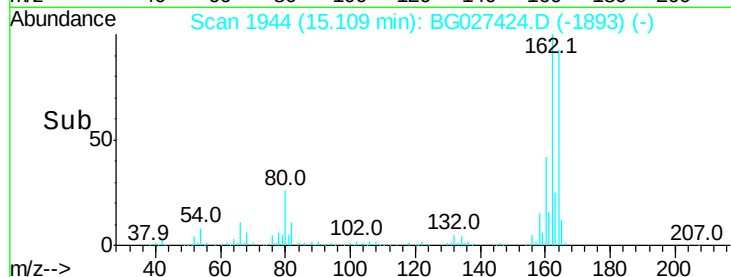
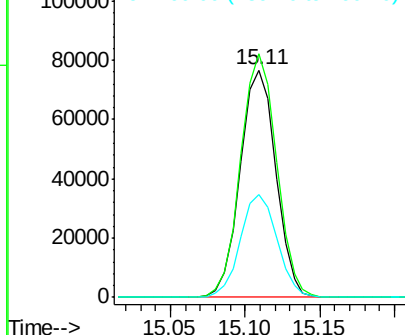
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.11 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 127157
Ion Ratio Lower Upper
164 100
162 107.3 85.1 127.7
160 45.2 34.7 52.1

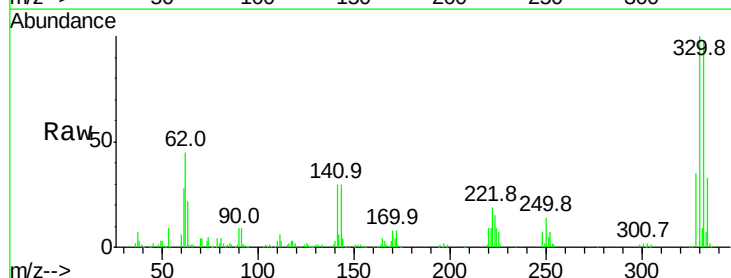


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

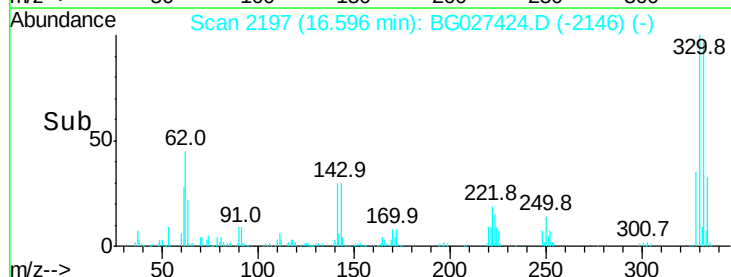
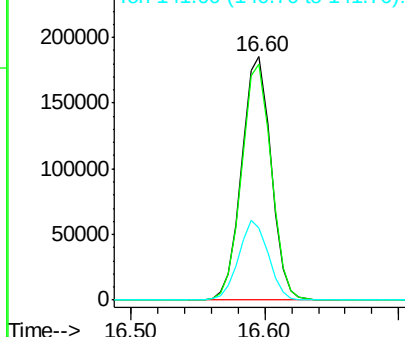


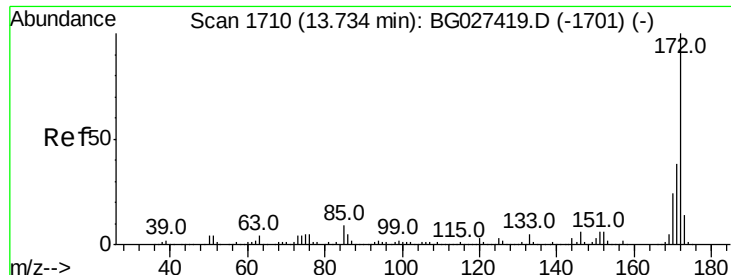
#41
2,4,6-Tribromophenol
Concen: 147.41 ng
RT: 16.60 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Tgt Ion:330 Resp: 281324
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 33.3 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

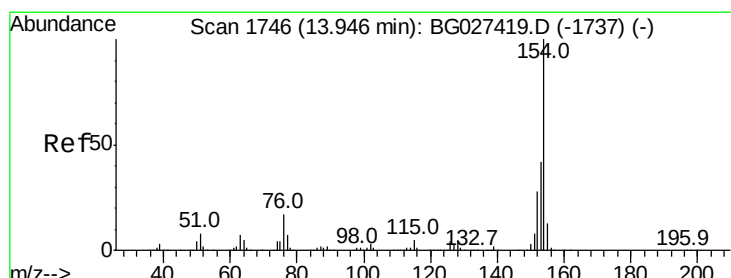
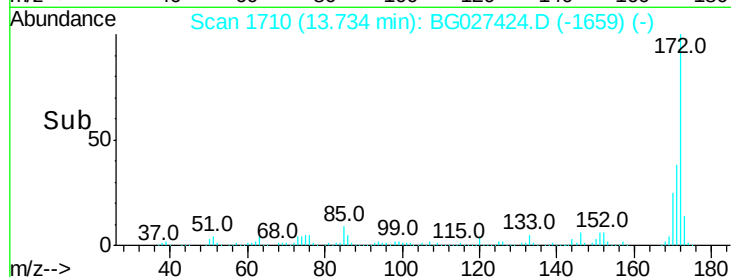
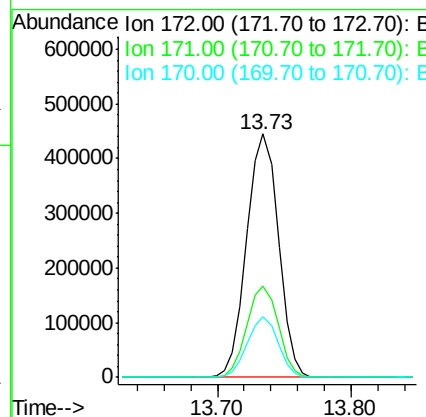
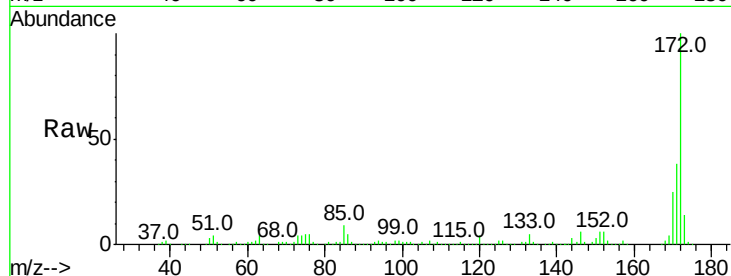




#44
 2-Fluorobiphenyl
 Concen: 83.18 ng
 RT: 13.73 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG027424.D
 Acq: 14 Jun 2017 19:27

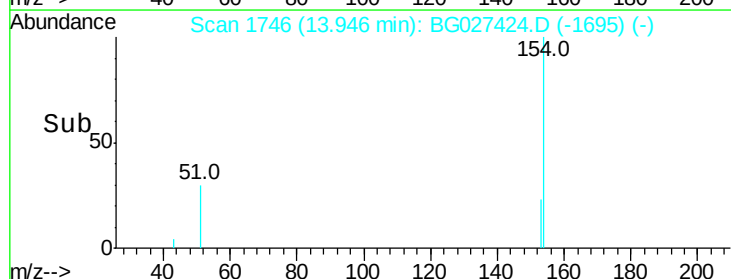
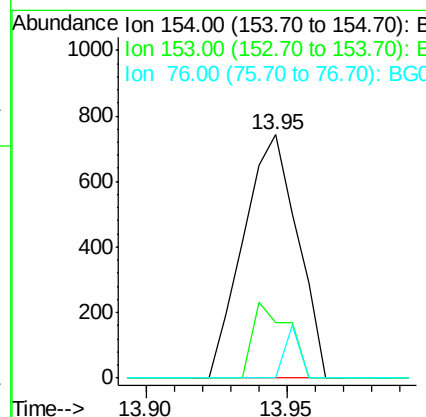
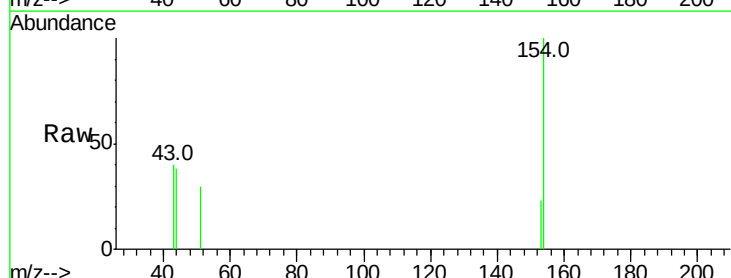
Instrument :
 BNA_G
 ClientSampleId :

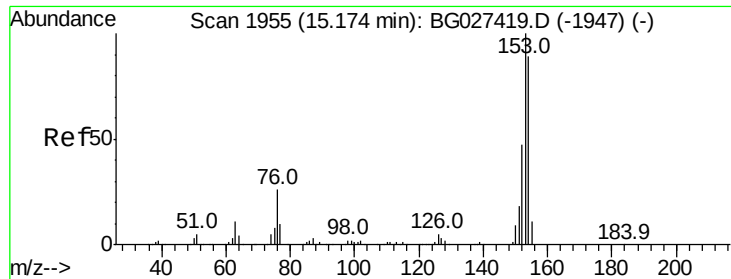
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.6	21.8	32.6



#45
 1,1'-Biphenyl
 Concen: 0.10 ng
 RT: 13.95 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG027424.D
 Acq: 14 Jun 2017 19:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	22.9	23.0	63.0#
76	0.0	0.0	33.5





#51

Acenaphthene

Concen: 0.05 ng

RT: 15.12 min Scan# 1945

Delta R.T. -0.06 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampled :

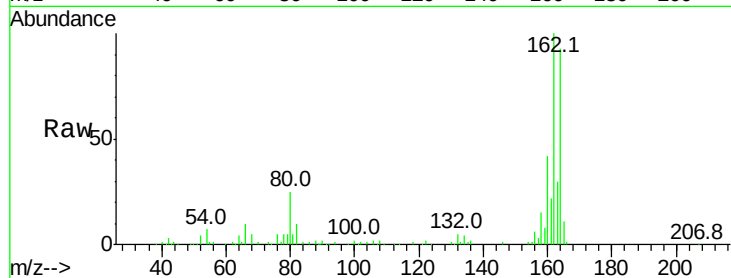
Tot Ion:154 Resp: 453

Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.6#

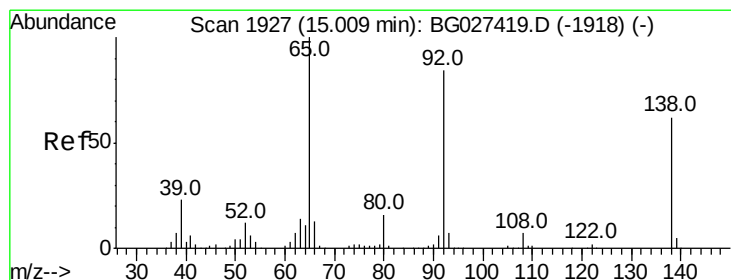
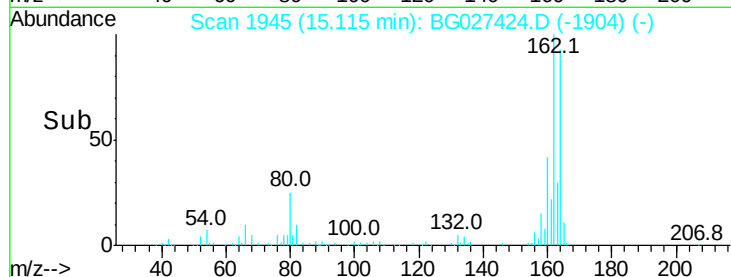
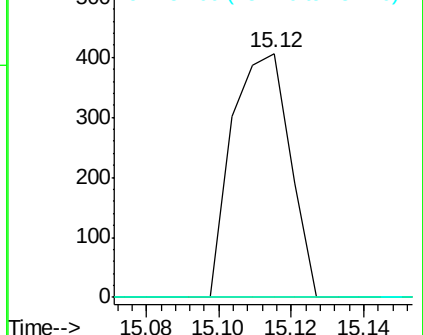
152 0.0 42.2 63.4#



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



#52

3-Nitroaniline

Concen: 0.02 ng

RT: 15.00 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

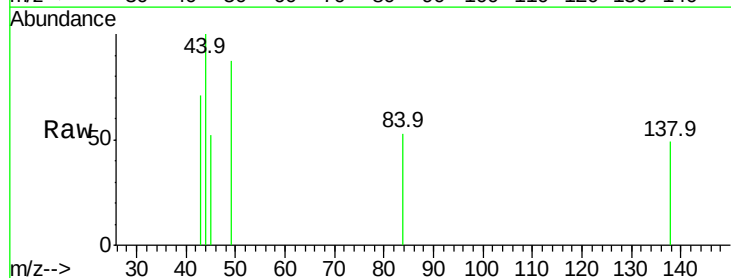
Tgt Ion:138 Resp: 55

Ion Ratio Lower Upper

138 100

108 0.0 10.9 16.3#

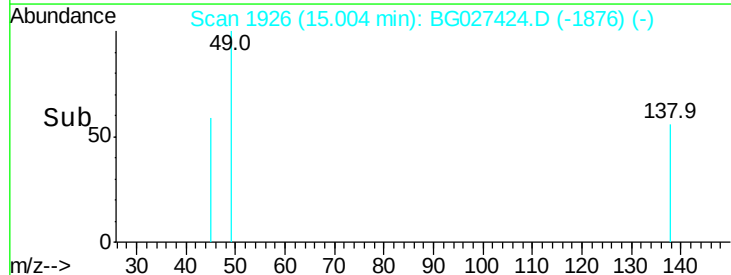
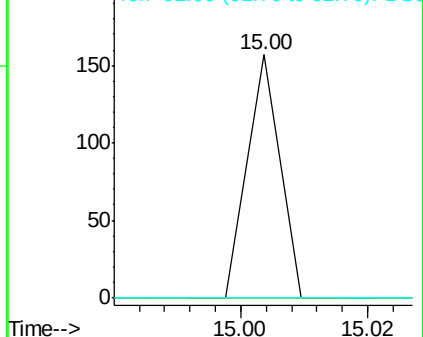
92 0.0 115.3 172.9#

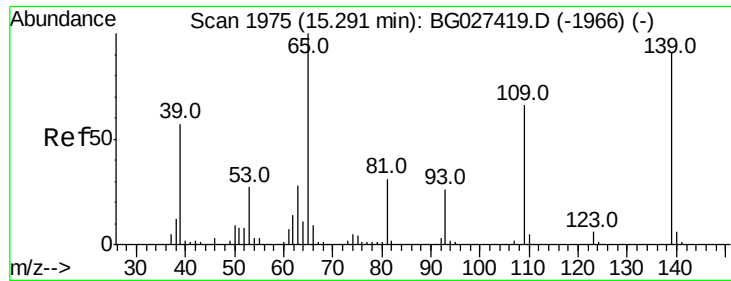


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

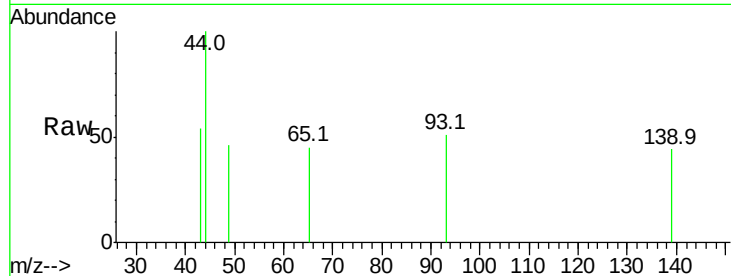




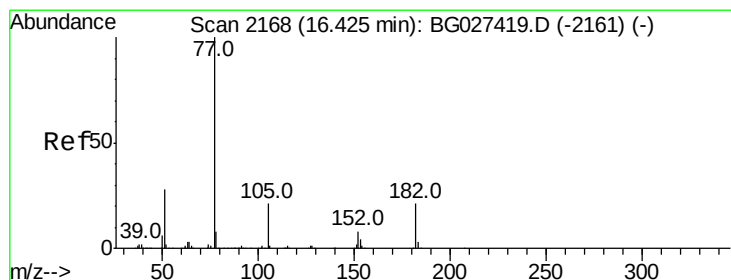
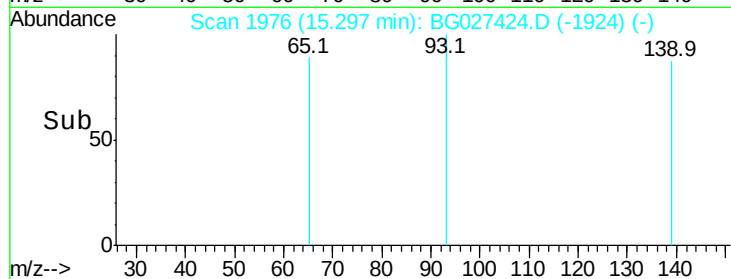
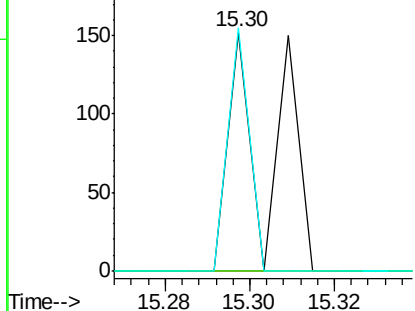
#55
4-Nitrophenol
Concen: 0.06 ng
RT: 15.30 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 106
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 102.0 135.3 175.3#

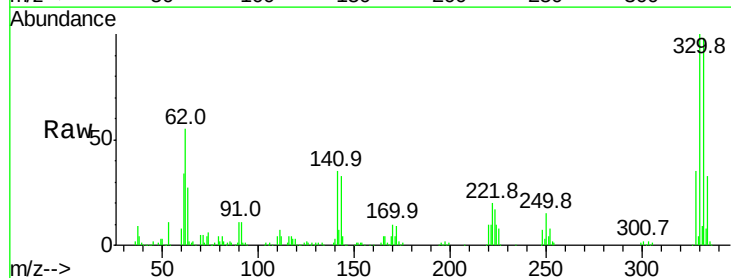


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

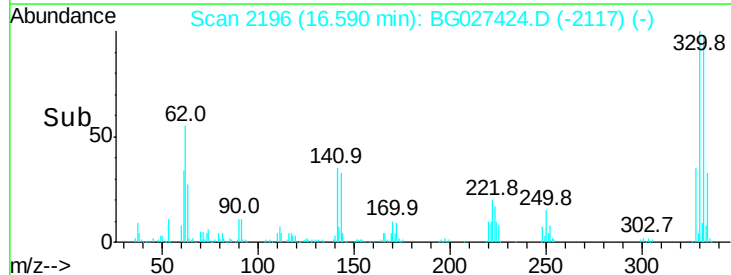
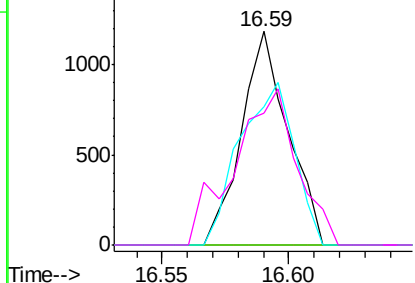


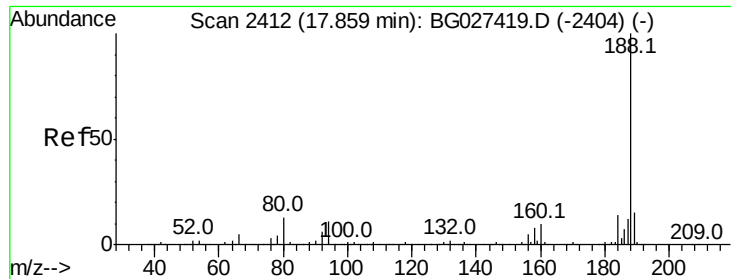
#62
Azobenzene
Concen: 0.14 ng
RT: 16.59 min Scan# 2196
Delta R.T. 0.16 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Tgt Ion: 77 Resp: 1518
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 64.5 0.0 36.3#
51 61.8 16.4 56.4#



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: 17.86 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

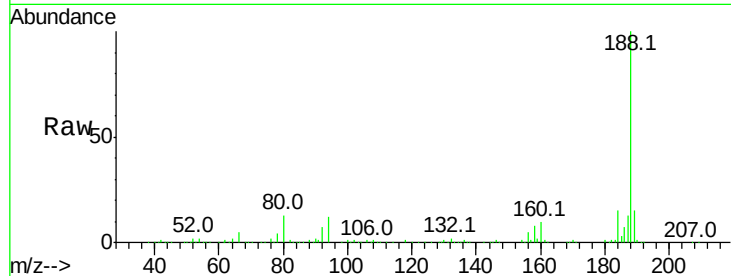
Tot Ion:188 Resp: 367076

Ion Ratio Lower Upper

188 100

94 11.7 5.8 8.8#

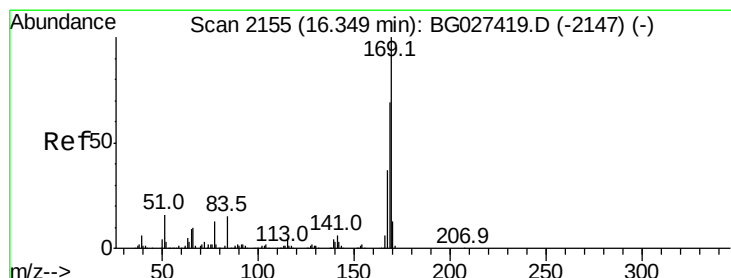
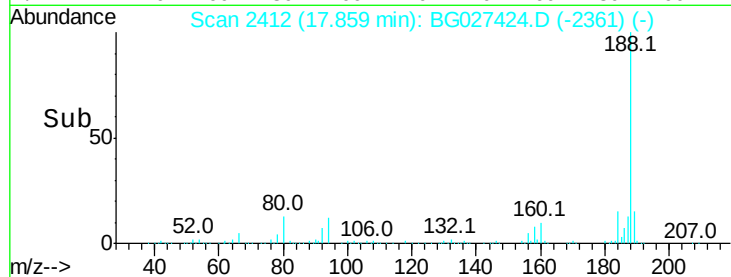
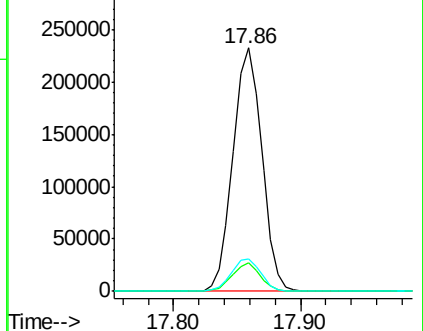
80 13.4 7.5 11.3#



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



#65

n-Nitrosodiphenylamine

Concen: 0.86 ng

RT: 16.59 min Scan# 2196

Delta R.T. 0.24 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

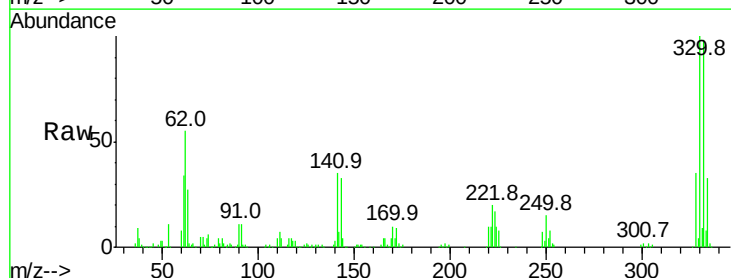
Tgt Ion:169 Resp: 9825

Ion Ratio Lower Upper

169 100

168 7.4 55.7 83.5#

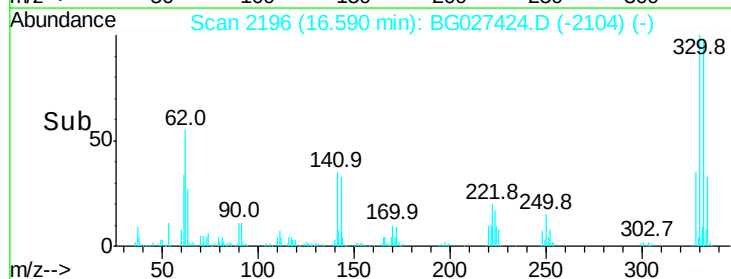
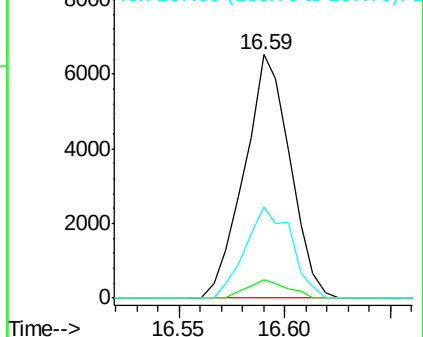
167 37.3 29.8 44.6

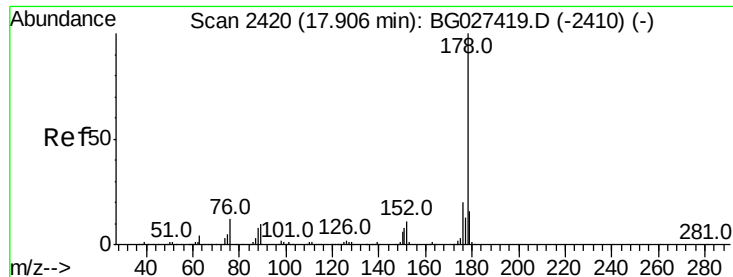


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.00 ng

RT: 17.84 min Scan# 2409

Delta R.T. -0.06 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

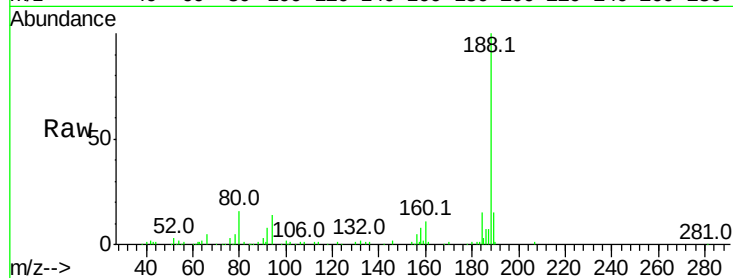
Tot Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 0.0 17.7 26.5#

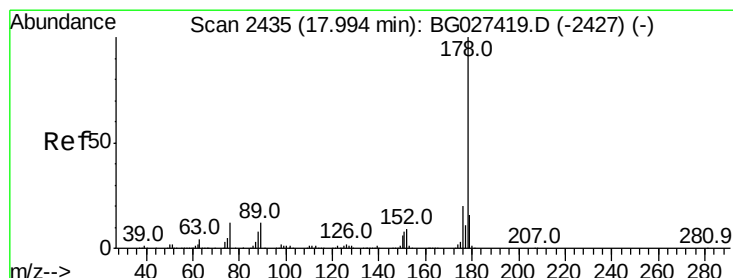
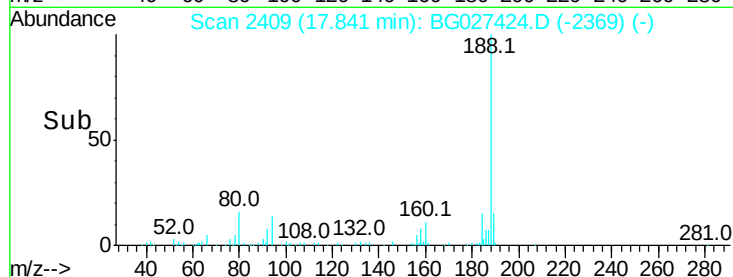
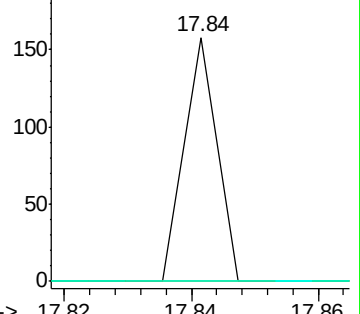
179 0.0 15.0 22.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.00 ng

RT: 17.84 min Scan# 2409

Delta R.T. -0.15 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

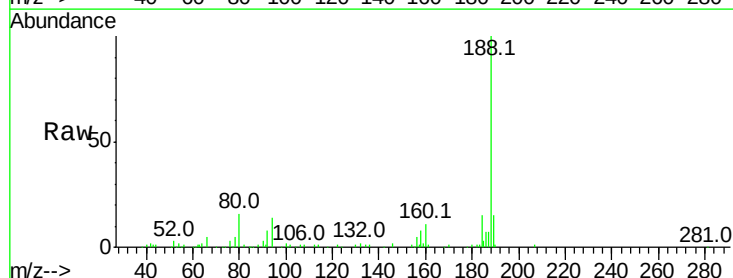
Tgt Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 0.0 16.4 24.6#

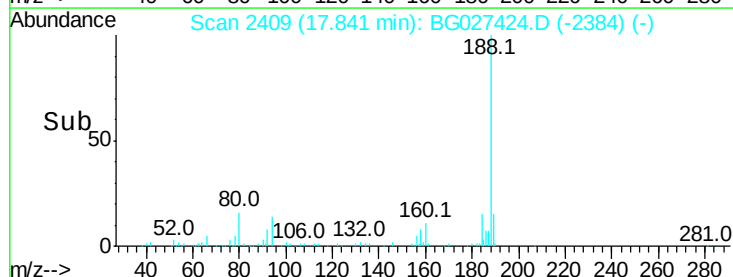
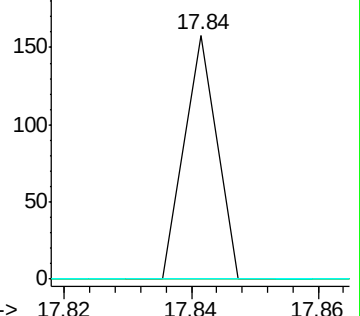
179 0.0 13.8 20.8#

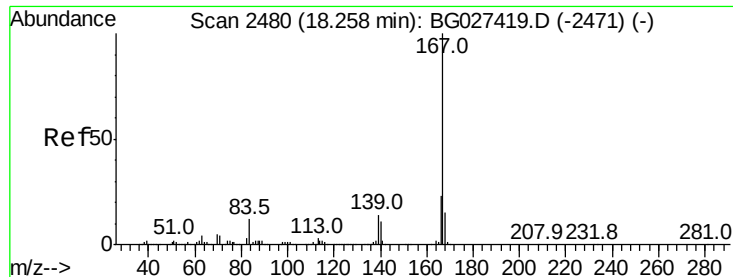


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.00 ng

RT: 18.25 min Scan# 2479

Delta R.T. -0.01 min

Lab File: BG027424.D

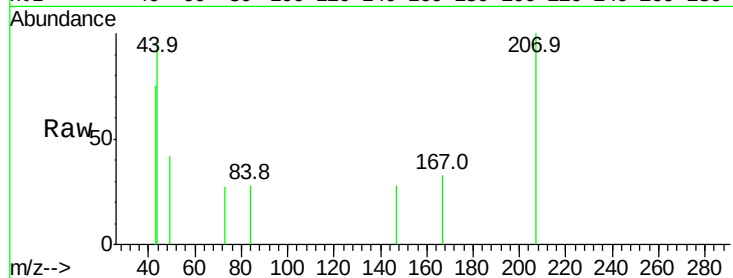
Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampled :

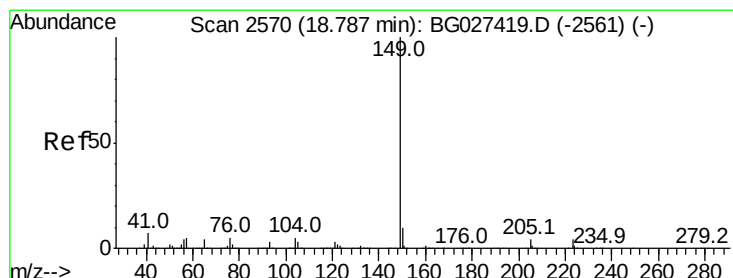
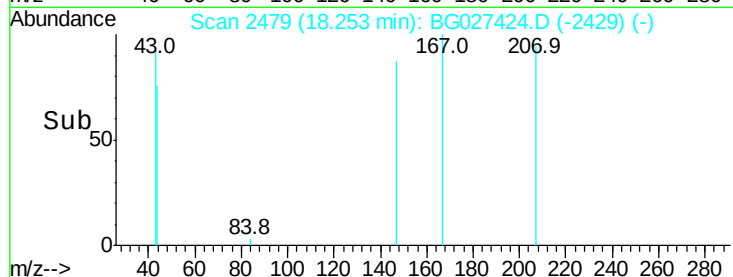
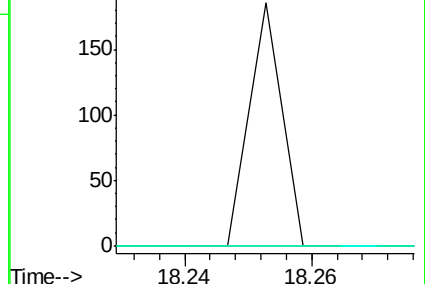
Tot Ion:	167	Resp:	66
Ion	Ratio	Lower	Upper
167	100		
166	0.0	20.2	30.2#
139	0.0	12.8	19.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.10 ng

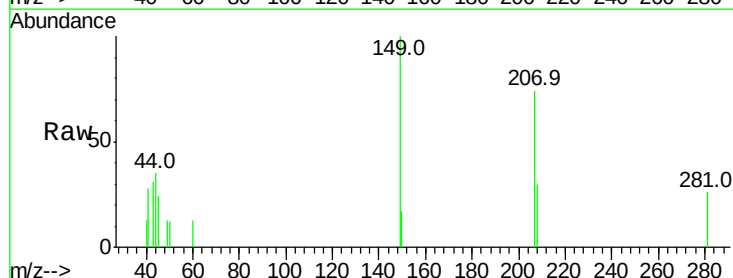
RT: 18.78 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

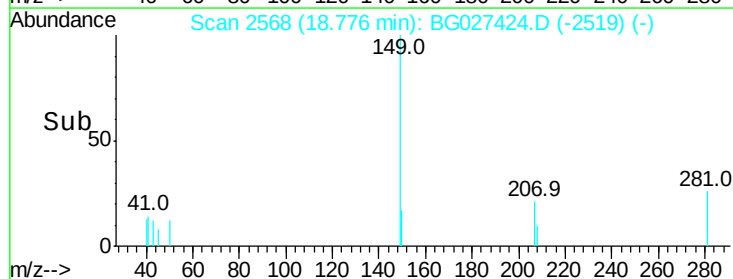
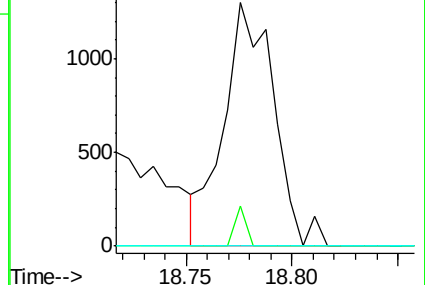
Tgt Ion:	149	Resp:	2127
Ion	Ratio	Lower	Upper
149	100		
150	16.6	9.1	13.7#
104	0.0	6.7	10.1#

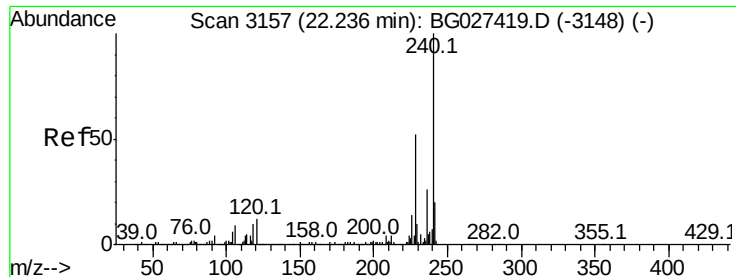


Abundance Ion 149.00 (148.70 to 149.70): E

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: 22.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

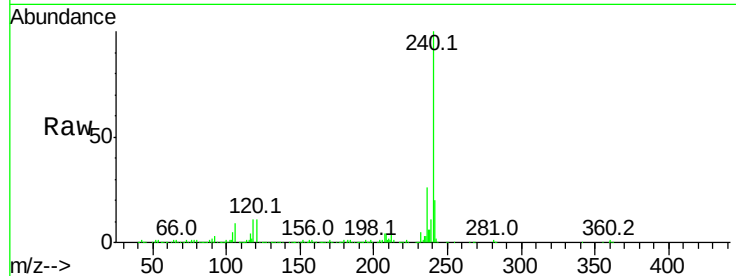
Tot Ion:240 Resp: 429963

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

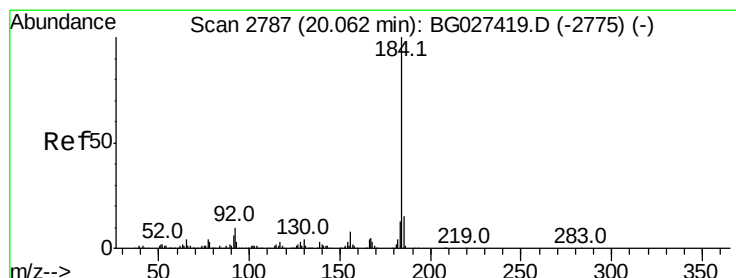
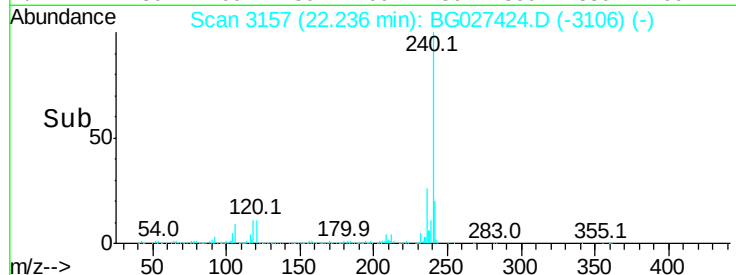
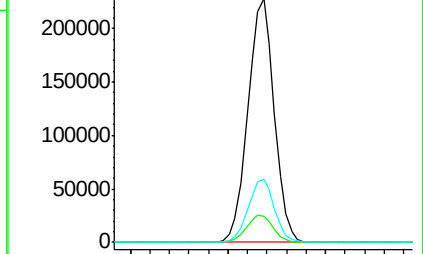
236 26.0 22.2 33.4



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



#76

Benzidine

Concen: 0.01 ng

RT: 20.09 min Scan# 2791

Delta R.T. 0.02 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

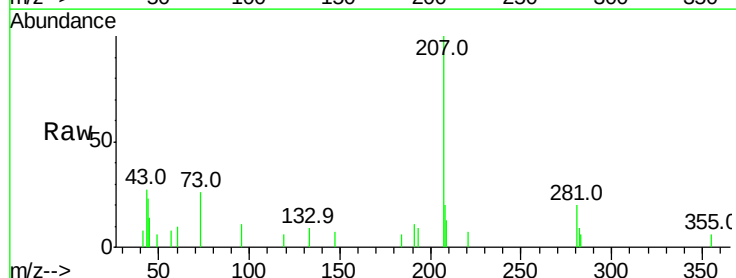
Tgt Ion:184 Resp: 62

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

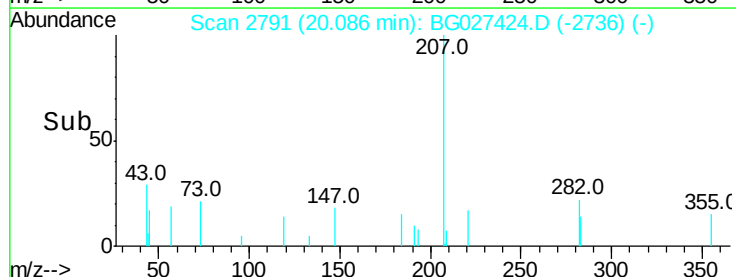
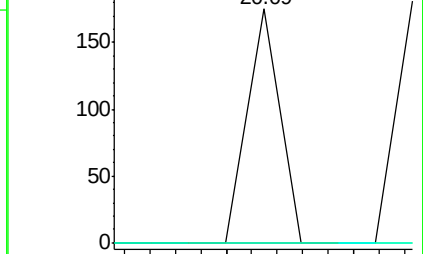
183 0.0 11.0 16.6#

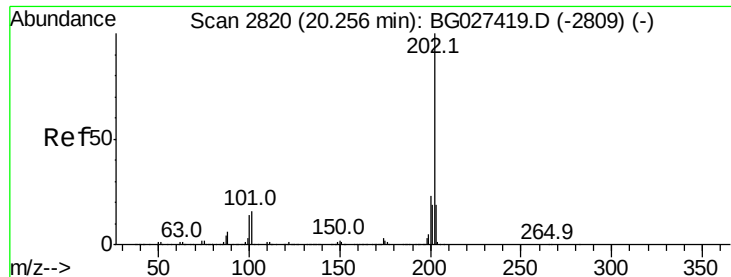


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.25 ng

RT: 20.44 min Scan# 2851

Delta R.T. 0.18 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

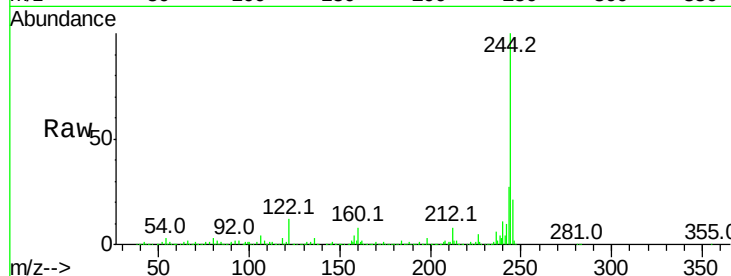
Tot Ion:202 Resp: 5901

Ion Ratio Lower Upper

202 100

200 46.8 19.6 29.4#

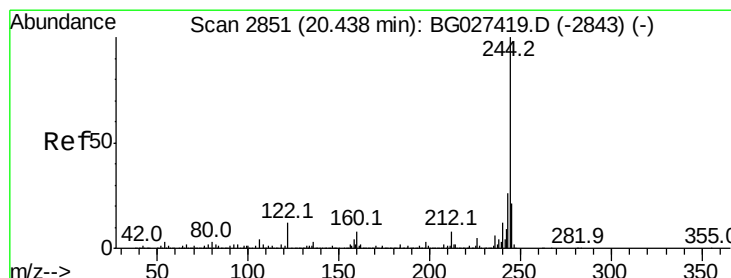
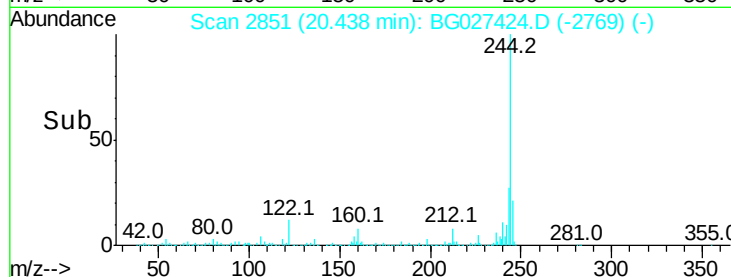
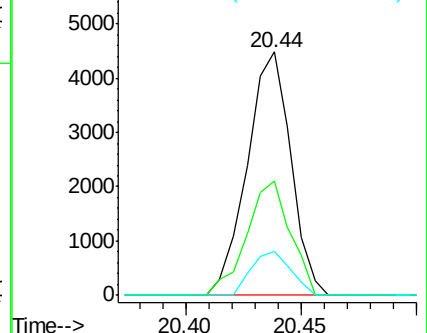
203 18.0 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.97 ng

RT: 20.44 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

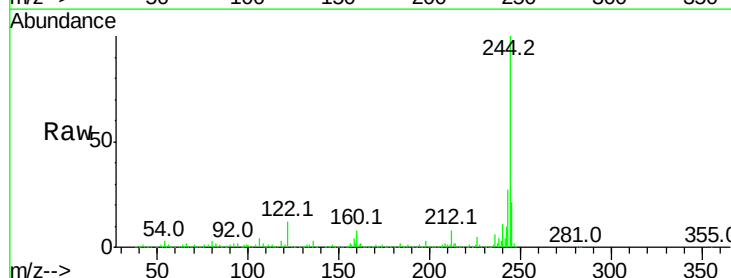
Tgt Ion:244 Resp: 1475833

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

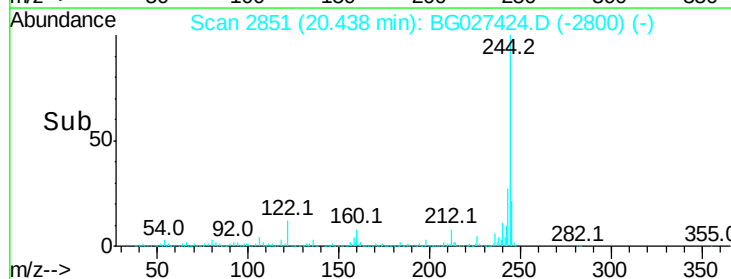
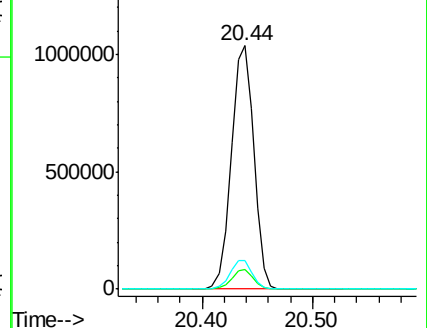
122 11.9 8.6 12.8

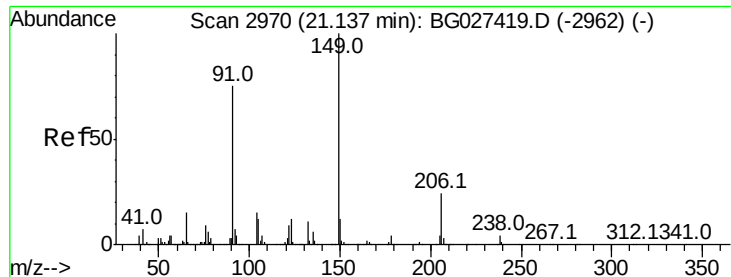


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.03 ng

RT: 21.13 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

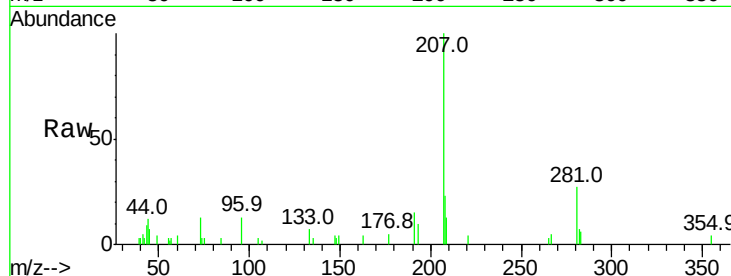
Tot Ion:149 Resp: 257

Ion Ratio Lower Upper

149 100

91 0.0 63.5 95.3#

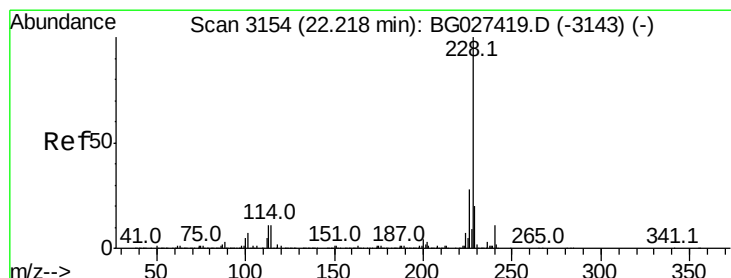
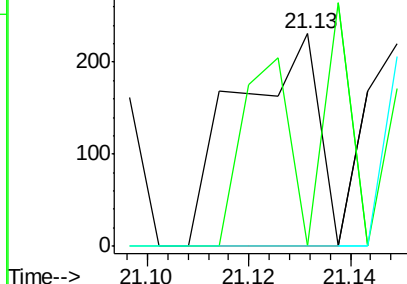
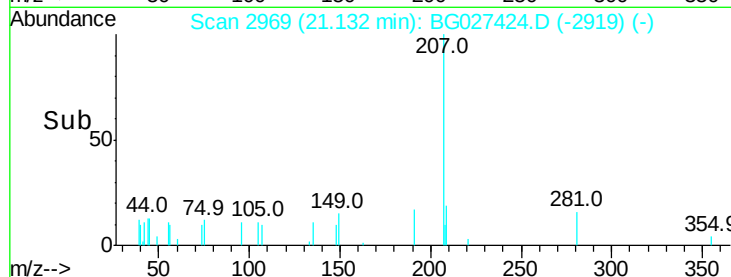
206 0.0 21.0 31.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.09 ng

RT: 22.23 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

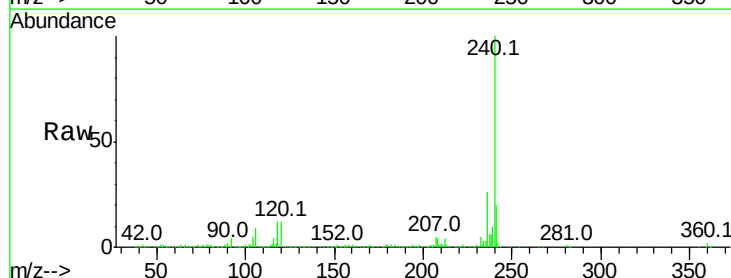
Tgt Ion:228 Resp: 2178

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

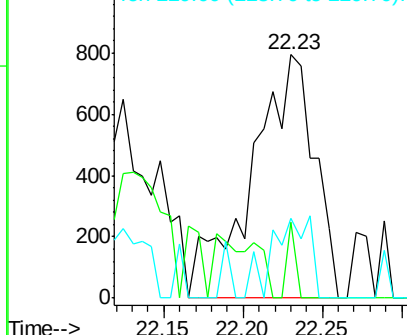
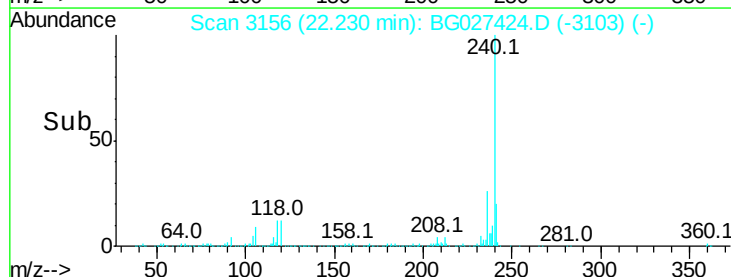
229 33.0 18.2 27.2#

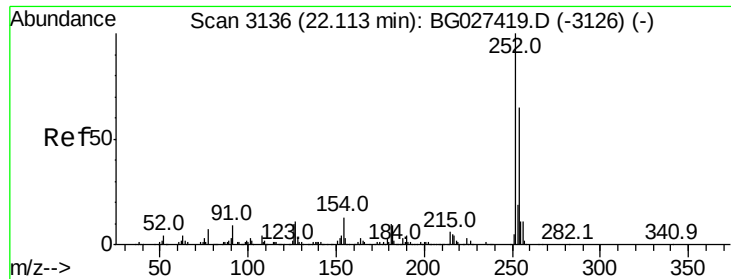


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 0.04 ng

RT: 22.12 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampled :

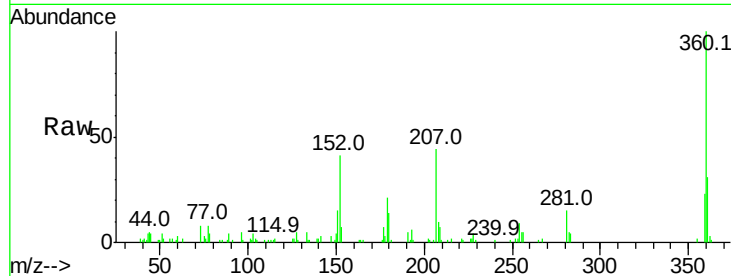
Tot Ion:252 Resp: 395

Ion Ratio Lower Upper

252 100

254 410.9 53.1 79.7#

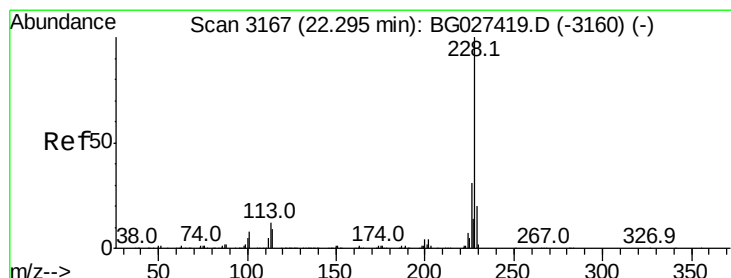
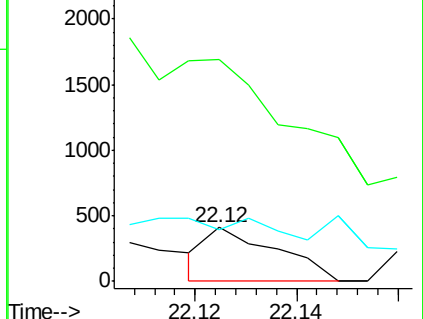
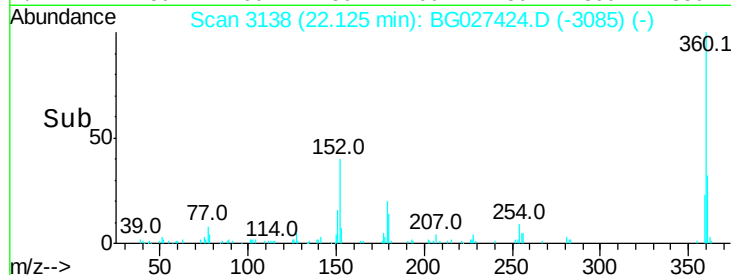
126 95.1 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.01 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

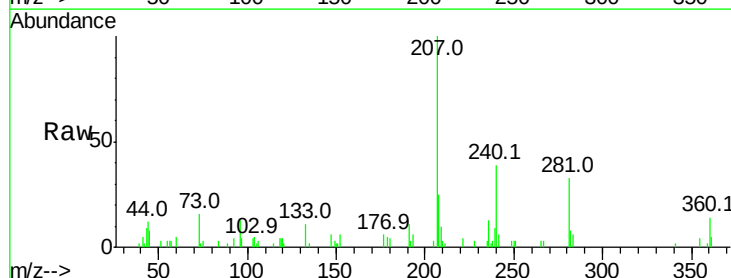
Tgt Ion:228 Resp: 147

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

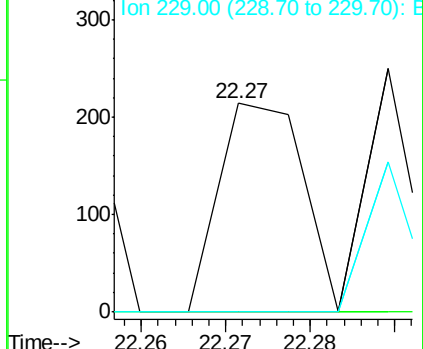
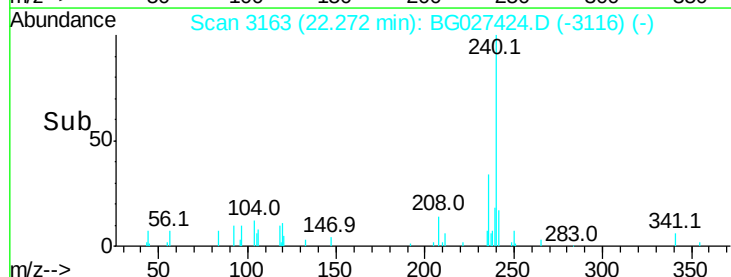
229 0.0 17.8 26.6#

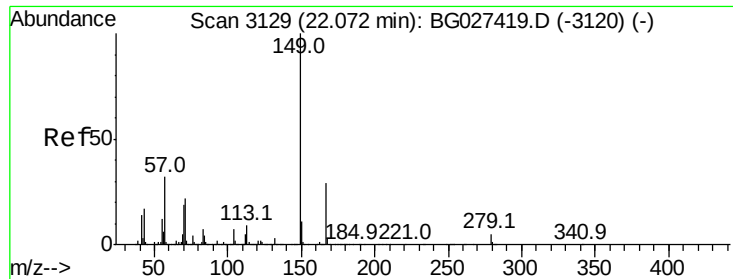


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

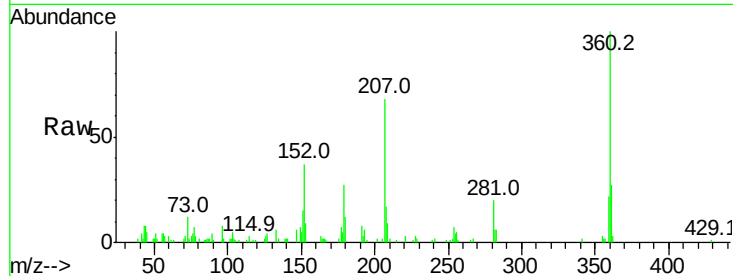




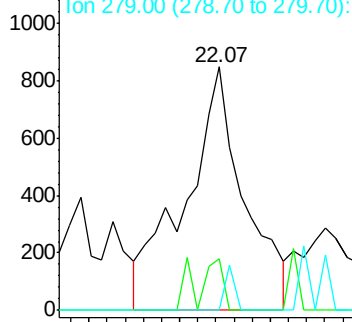
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 22.07 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG027424.D
 Acq: 14 Jun 2017 19:27

Instrument :
 BNA_G
 ClientSampleId :

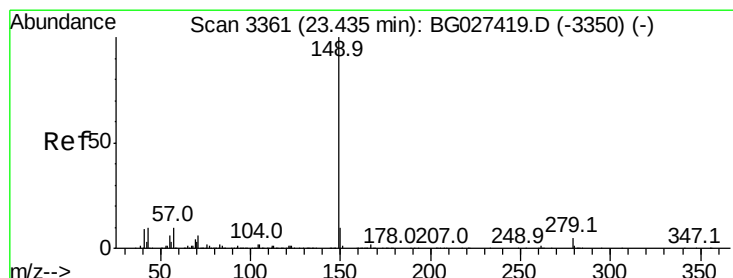
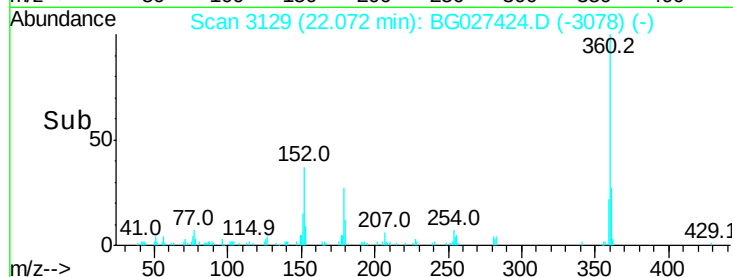
Tot Ion:149 Resp: 1918
 Ion Ratio Lower Upper
 149 100
 167 21.4 23.7 35.5#
 279 0.0 4.6 6.8#



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

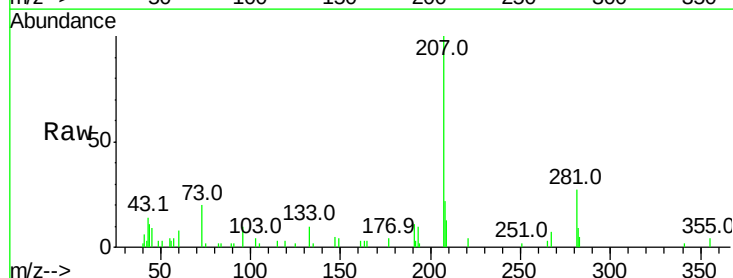


Time-->

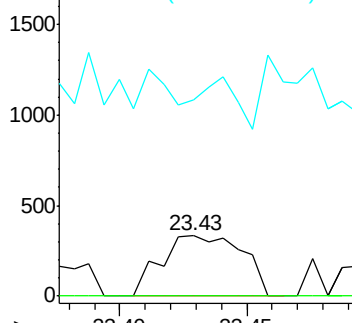


#84
 Di-n-octyl phthalate
 Concen: 0.03 ng
 RT: 23.43 min Scan# 3360
 Delta R.T. -0.01 min
 Lab File: BG027424.D
 Acq: 14 Jun 2017 19:27

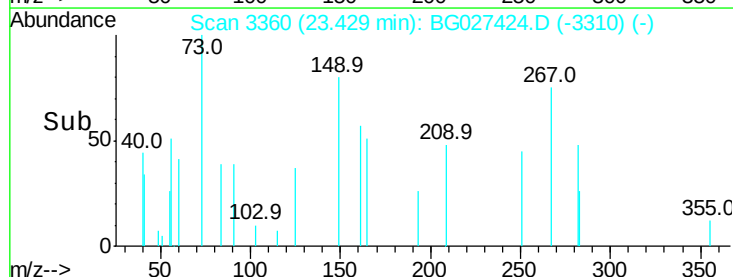
Tgt Ion:149 Resp: 750
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.2#
 43 31.6 11.8 17.6#

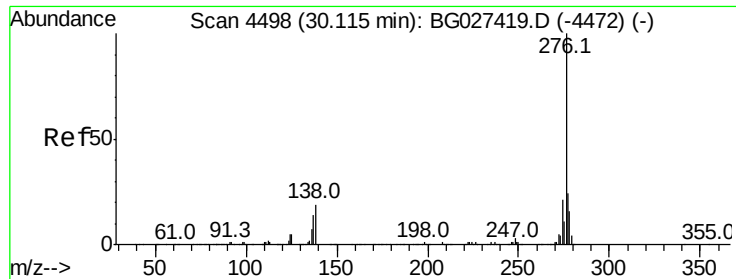


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG



Time-->

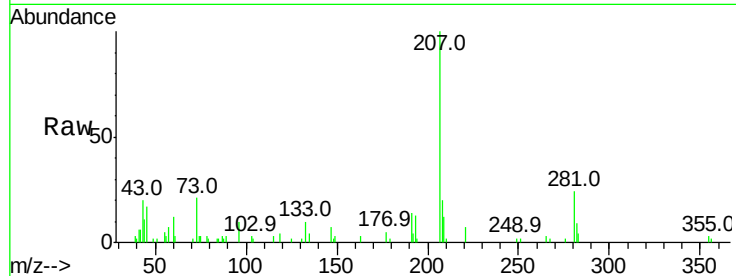




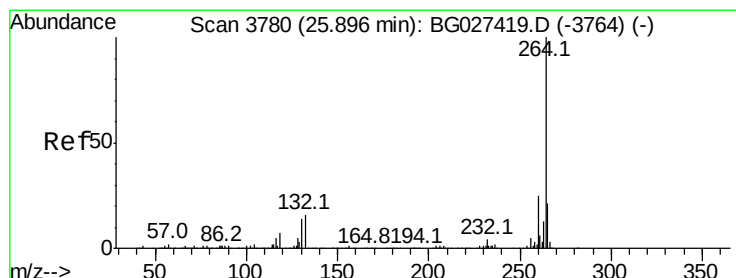
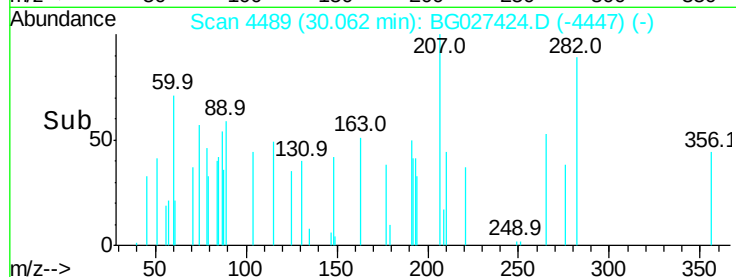
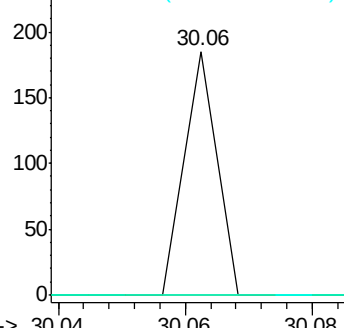
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 30.06 min Scan# 4489
Delta R.T. -0.05 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:276 Resp: 65
Ion Ratio Lower Upper
276 100
138 0.0 4.7 7.1#
277 0.0 20.6 31.0#

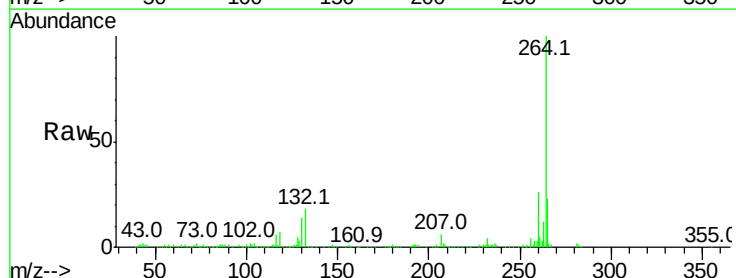


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

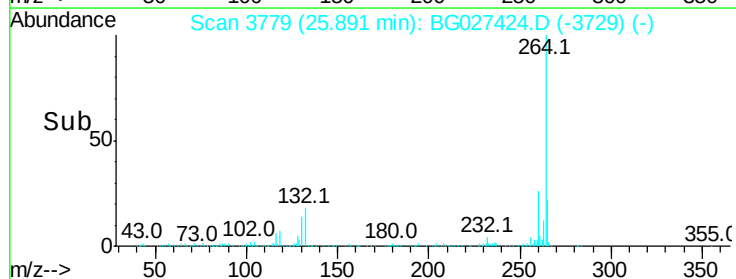
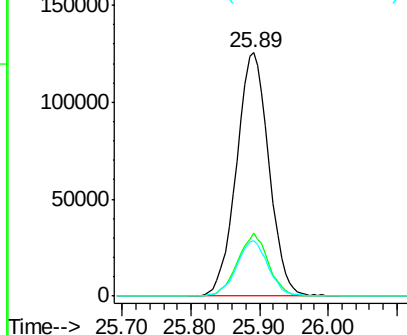


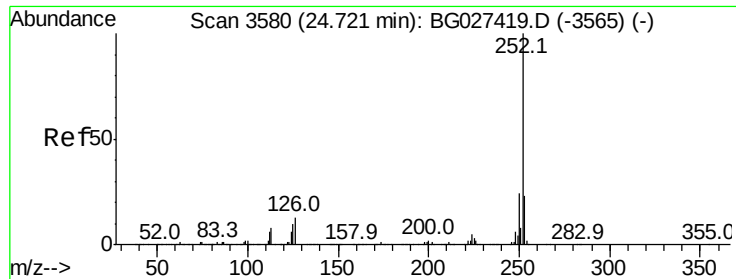
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.89 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Tgt Ion:264 Resp: 412345
Ion Ratio Lower Upper
264 100
260 25.9 21.8 32.8
265 22.6 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 24.70 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG027424.D

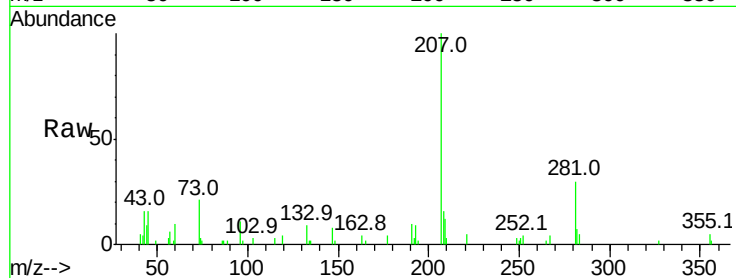
Acq: 14 Jun 2017 19:27

Instrument :

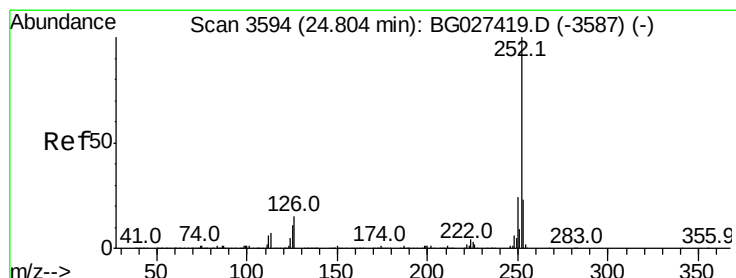
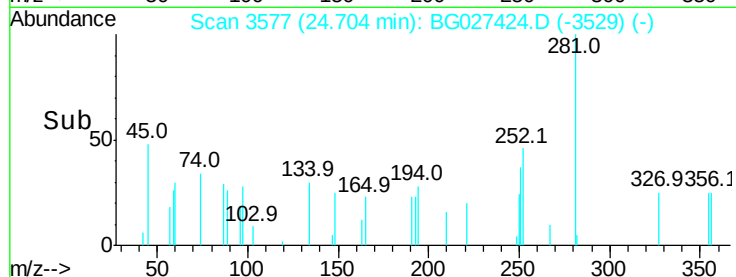
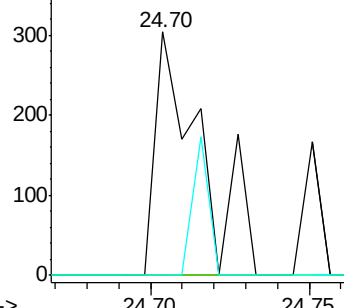
BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	303
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.7	28.1#
125	0.0	5.3	7.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.01 ng

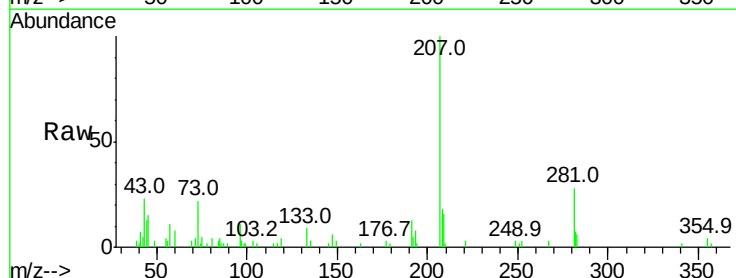
RT: 24.80 min Scan# 3593

Delta R.T. -0.01 min

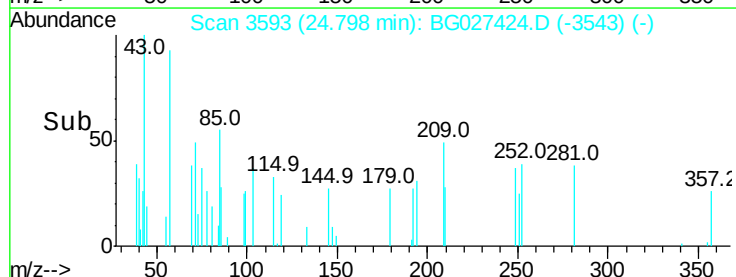
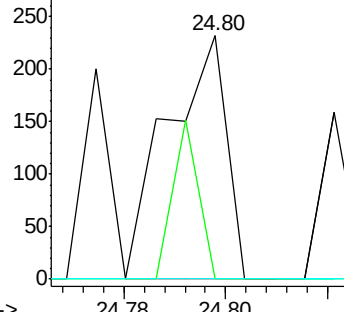
Lab File: BG027424.D

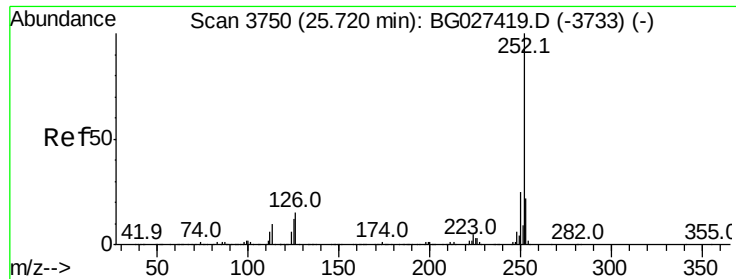
Acq: 14 Jun 2017 19:27

Tgt Ion:	252	Resp:	189
Ion Ratio	Lower	Upper	
252	100		
253	0.0	20.2	30.2#
125	0.0	5.1	7.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.07 ng

RT: 25.89 min Scan# 3779

Delta R.T. 0.17 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

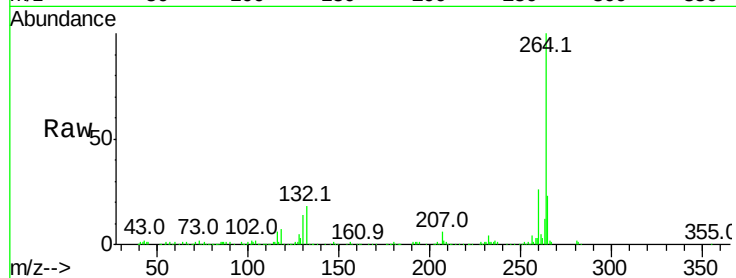
Tot Ion:252 Resp: 1829

Ion Ratio Lower Upper

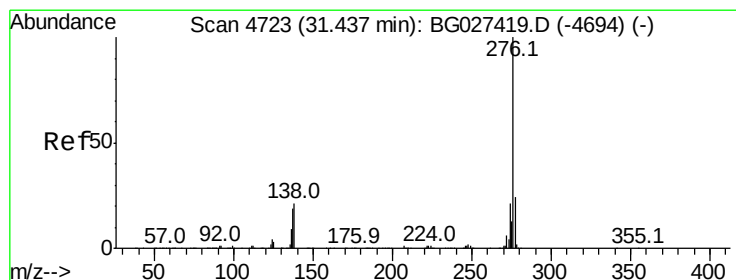
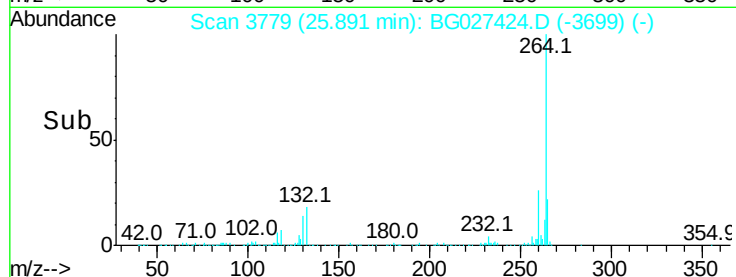
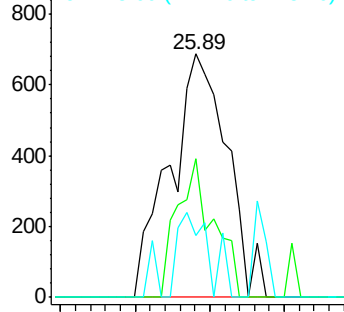
252 100

253 57.0 19.2 28.8#

125 25.6 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 31.44 min Scan# 4724

Delta R.T. 0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

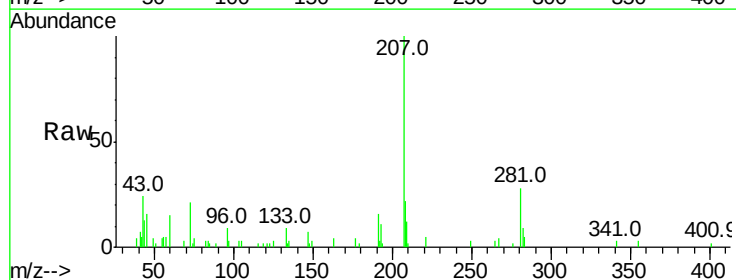
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

