

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027732.D
 Acq On : 29 Jun 2017 8:38
 Operator : SJ/JU
 Sample : I3657-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-105D

Quant Time: Jun 29 11:59:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	40110	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	197557	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	122611	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	289970	20.00	ng	0.00
75) Chrysene-d12	22.17	240	306591	20.00	ng	0.00
86) Perylene-d12	25.78	264	300867	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.05	112	148381	56.97	ng	0.00
7) Phenol-d6	7.61	99	136586	34.33	ng	0.00
23) Nitrobenzene-d5	9.64	82	301247	85.00	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	232503	138.25	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	738060	85.97	ng	0.00
78) Terphenyl-d14	20.39	244	1267884	96.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.99	88	120	0.124	ng	# 1
3) Pyridine	4.48	79	512	0.171	ng	# 9
4) n-Nitrosodimethylamine	4.35	42	56	0.038	ng	# 1
6) Aniline	7.80	93	1164	0.252	ng	# 90
9) Benzaldehyde	7.61	77	253	0.107	ng	# 10
10) Phenol	7.64	94	7491	1.903	ng	# 81
11) bis(2-Chloroethyl)ether	7.80	93	1164	0.389	ng	# 11
14) 1,2-Dichlorobenzene	8.84	146	58	0.019	ng	# 21
15) Benzyl Alcohol	8.71	79	445	0.162	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	8.75	45	1239	0.194	ng	# 74
17) 2-Methylphenol	8.89	107	1019	0.366	ng	# 81
19) n-Nitroso-di-n-propylamine	9.25	70	54	0.019	ng	# 29
20) 3+4-Methylphenols	9.22	107	193	0.048	ng	# 18
22) Acetophenone	9.29	105	2881	0.604	ng	# 99
24) Nitrobenzene	9.65	77	770	0.208	ng	# 36
25) Isophorone	10.20	82	674	0.087	ng	# 67
27) 2,4-Dimethylphenol	10.70	122	61	0.019	ng	# 1
28) bis(2-Chloroethoxy)methane	10.85	93	53	0.012	ng	# 50
31) Naphthalene	11.29	128	710	0.068	ng	# 1
32) Benzoic acid	10.70	122	61	8.889	ng	# 1
33) 4-Chloroaniline	11.45	127	469	0.103	ng	# 40
35) Caprolactam	12.20	113	340	0.246	ng	# 36
45) 1,1'-Biphenyl	13.89	154	989	0.101	ng	# 90
47) 2-Nitroaniline	14.04	65	78	0.026	ng	# 16
48) Acenaphthylene	14.90	152	566	0.042	ng	# 1
49) Dimethylphthalate	14.49	163	239625	22.910	ng	# 97
50) 2,6-Dinitrotoluene	14.56	165	14599	6.421	ng	# 15
51) Acenaphthene	15.06	154	671	0.077	ng	# 6
52) 3-Nitroaniline	15.07	138	54	0.020	ng	# 1
54) Dibenzofuran	15.69	168	1188	0.103	ng	# 66
55) 4-Nitrophenol	15.26	139	62	0.030	ng	# 29
57) Fluorene	16.25	166	144	0.013	ng	# 9
59) Diethylphthalate	15.84	149	1366	0.118	ng	# 56
62) Azobenzene	16.37	77	113	0.011	ng	# 47

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

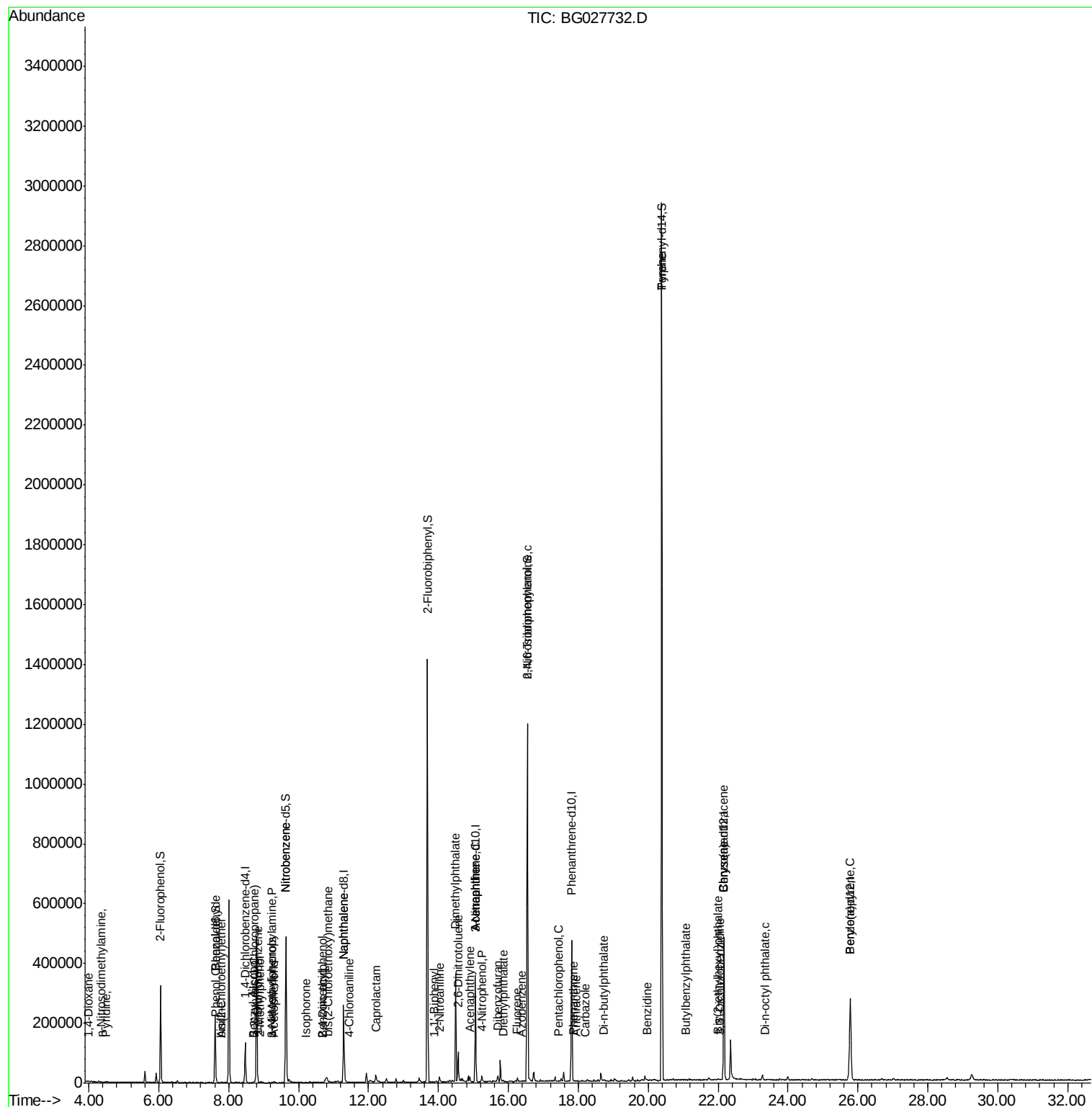
65) n-Nitrosodiphenylamine	16.54	169	8752	0.928	ng	# 46
69) Pentachlorophenol	17.45	266	436	6.365	ng	# 64
70) Phenanthrene	17.85	178	63	0.004	ng	# 56
71) Anthracene	17.94	178	66	0.004	ng	# 58
72) Carbazole	18.20	167	57	0.003	ng	# 55
73) Di-n-butylphthalate	18.74	149	1952	0.107	ng	# 73
76) Benzidine	19.98	184	123	3.233	ng	# 64
77) Pyrene	20.39	202	4773	0.248	ng	# 81
79) Butylbenzylphthalate	21.09	149	204	0.024	ng	# 70
80) Benzo(a)anthracene	22.16	228	965	0.052	ng	# 47
81) 3,3'-Dichlorobenzidine	22.04	252	107	0.016	ng	# 24
82) Chrysene	22.16	228	965	0.056	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.00	149	2363	0.187	ng	# 92
84) Di-n-octyl phthalate	23.34	149	218	0.010	ng	# 68
89) Benzo(a)pyrene	25.79	252	1235	0.068	ng	# 58

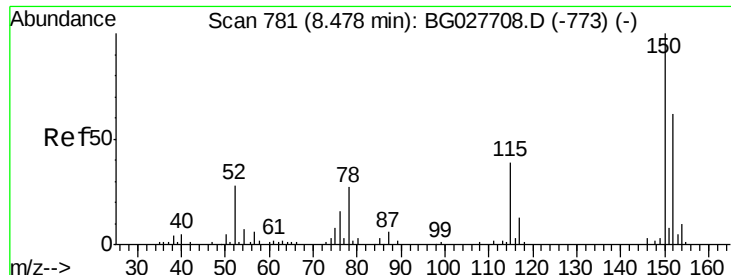
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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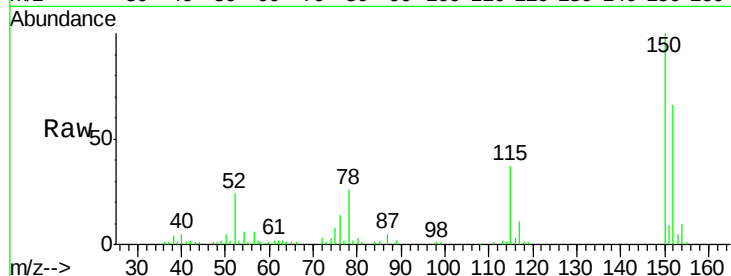


#1

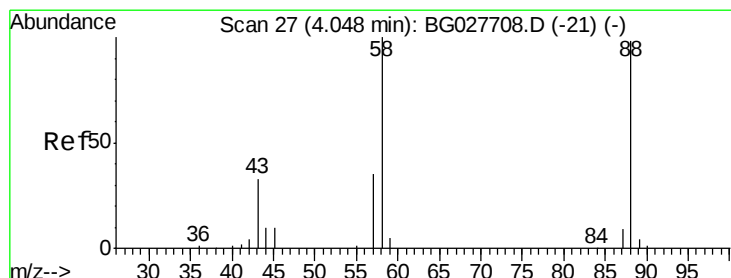
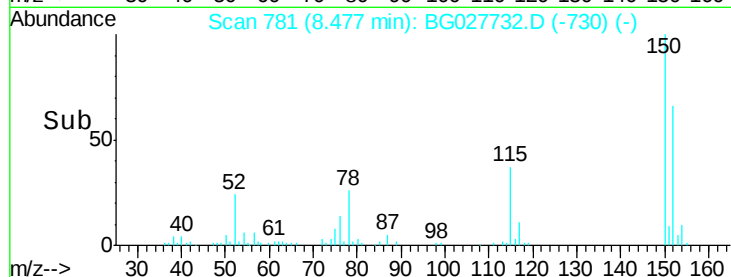
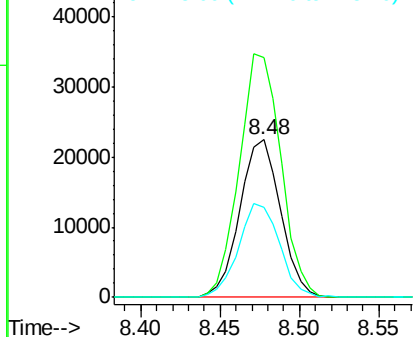
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Instrument :
BNA_G
ClientSampleId :
MW-105D

Tgt Ion:152 Resp: 40110
Ion Ratio Lower Upper
152 100
150 152.2 114.0 171.0
115 56.9 48.1 72.1



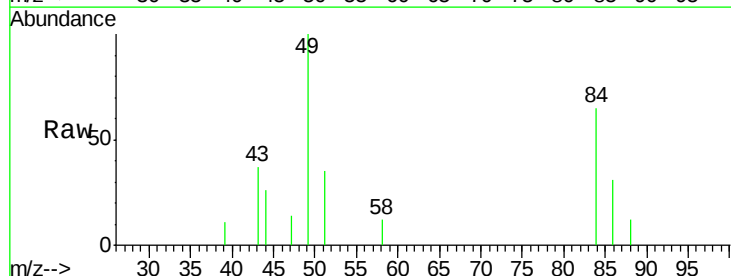
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



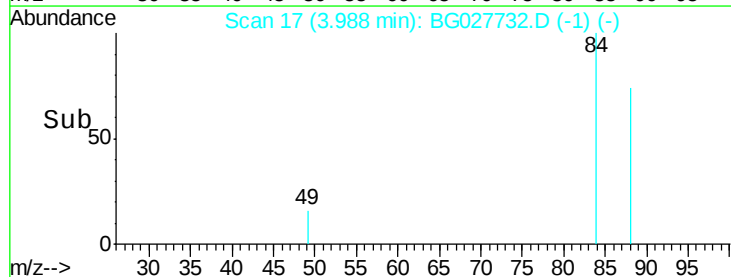
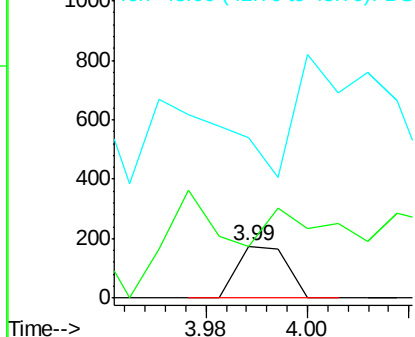
#2

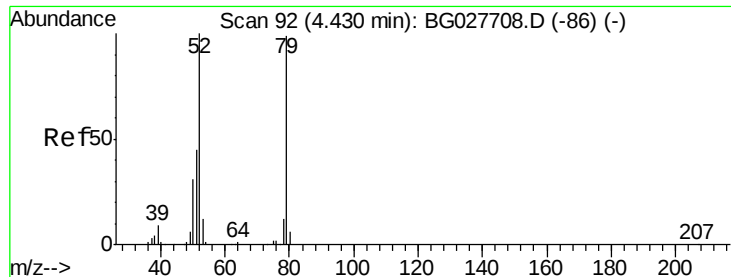
1,4-Dioxane
Concen: 0.124 ng
RT: 3.99 min Scan# 17
Delta R.T. -0.06 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
58 251.7 79.4 119.2#
43 386.7 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





#3

Pyridine

Concen: 0.171 ng

RT: 4.48 min Scan# 100

Delta R.T. 0.05 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

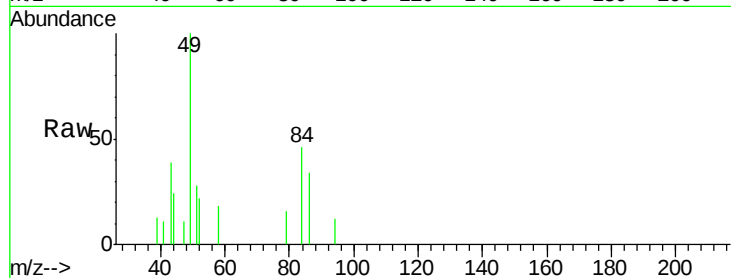
Tgt Ion: 79 Resp: 512

Ion Ratio Lower Upper

79 100

52 141.4 77.8 116.6#

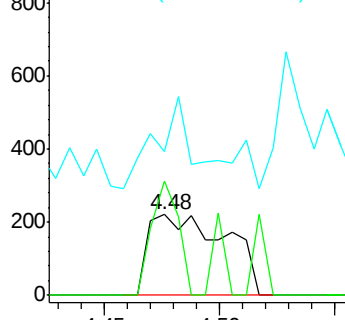
51 178.6 43.2 64.8#



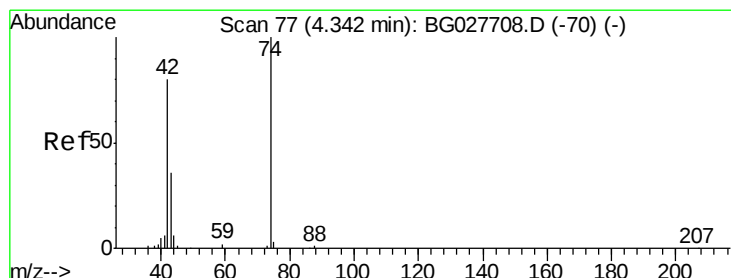
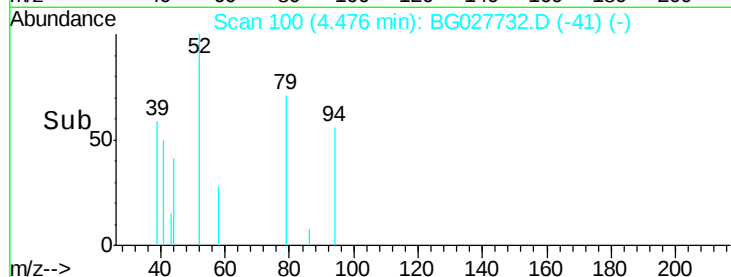
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 4.35 min Scan# 78

Delta R.T. 0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

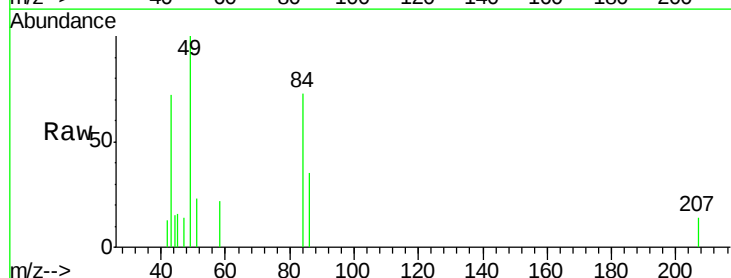
Tgt Ion: 42 Resp: 56

Ion Ratio Lower Upper

42 100

74 0.0 76.7 115.1#

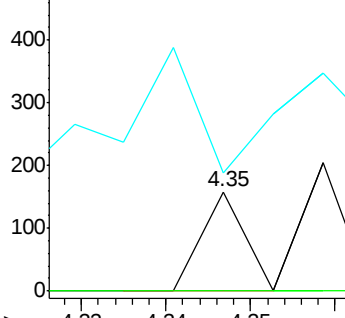
44 119.6 6.1 9.1#



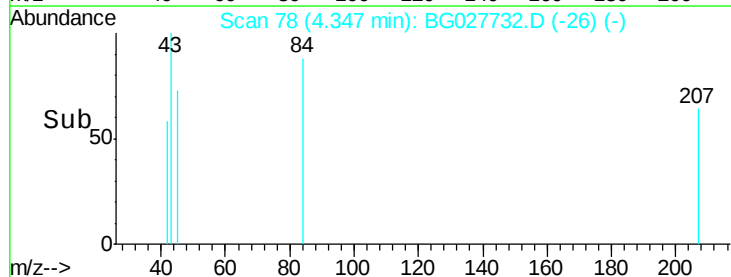
Abundance Ion 42.00 (41.70 to 42.70): BGC

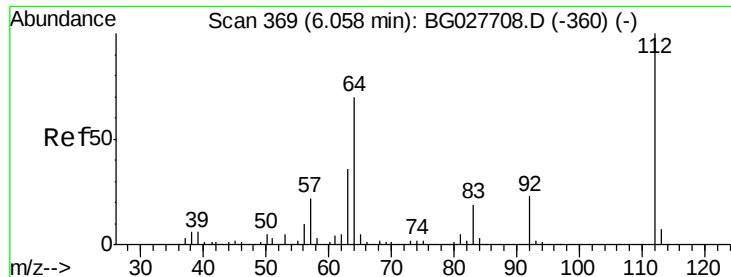
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 56.967 ng

RT: 6.05 min Scan# 368

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

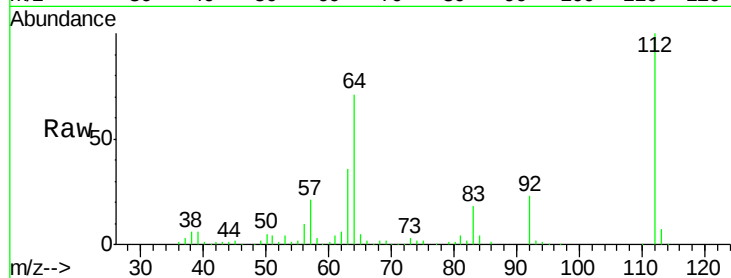
Tgt Ion: 112 Resp: 148381

Ion Ratio Lower Upper

112 100

64 70.9 61.8 92.6

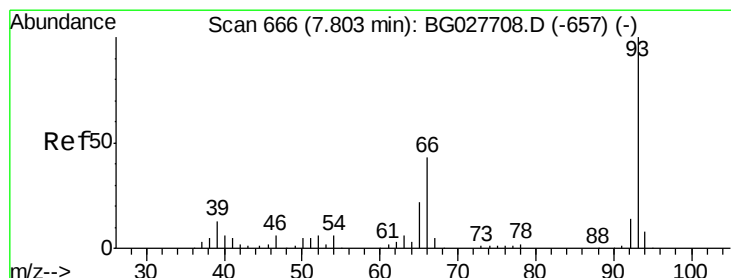
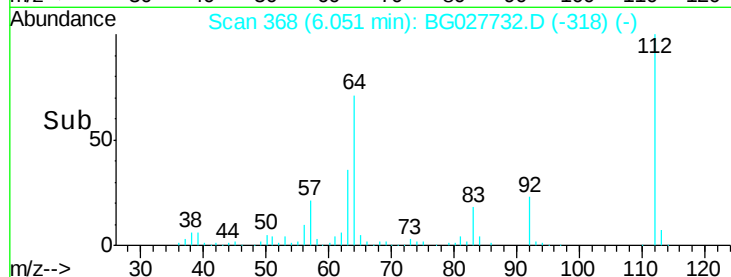
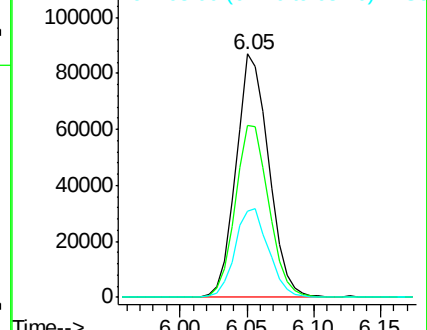
63 35.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.252 ng

RT: 7.80 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

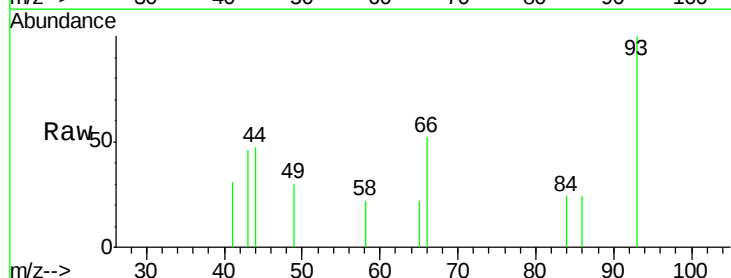
Tgt Ion: 93 Resp: 1164

Ion Ratio Lower Upper

93 100

66 51.5 35.4 53.2

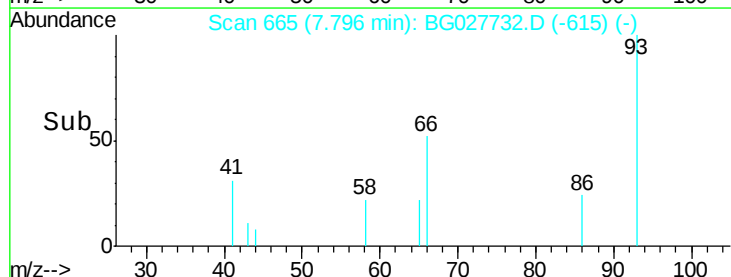
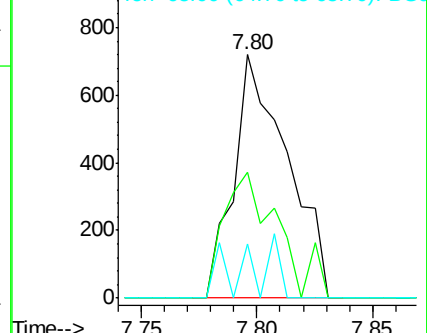
65 21.9 21.2 31.8

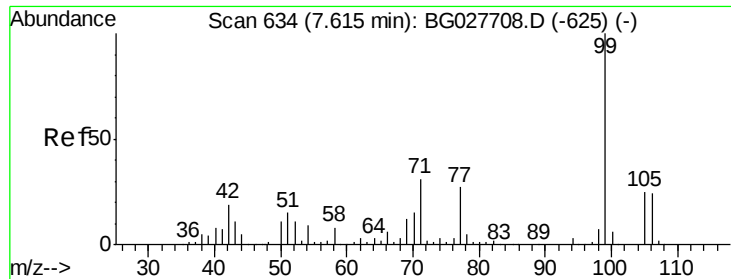


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 34.325 ng

RT: 7.61 min Scan# 634

Delta R.T. -0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

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ClientSampleId :

MW-105D

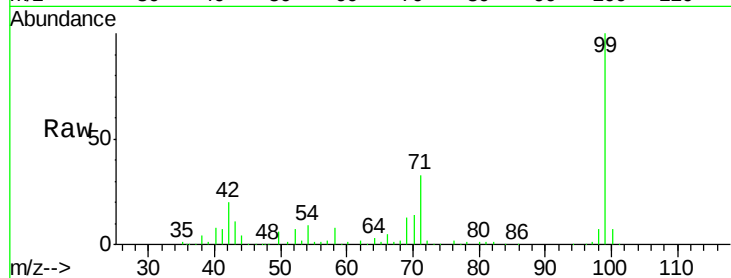
Tgt Ion: 99 Resp: 136586

Ion Ratio Lower Upper

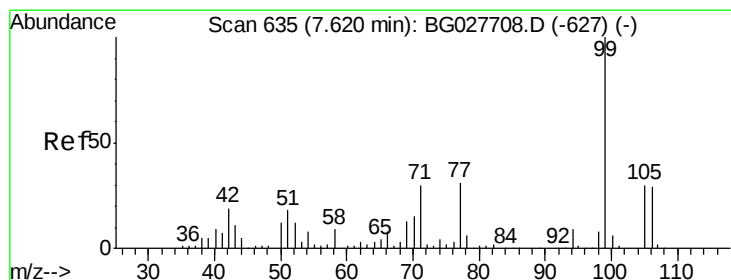
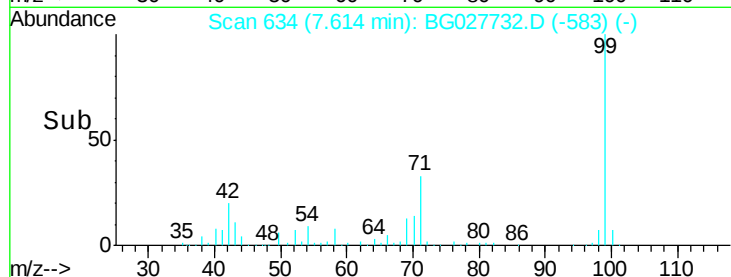
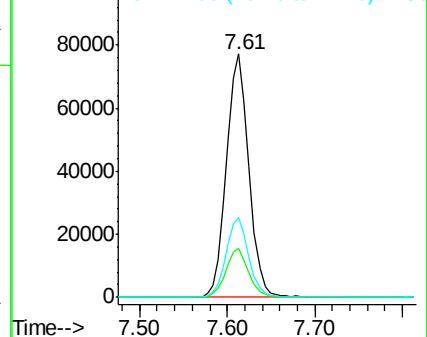
99 100

42 20.2 20.5 30.7#

71 32.5 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: 0.107 ng

RT: 7.61 min Scan# 634

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

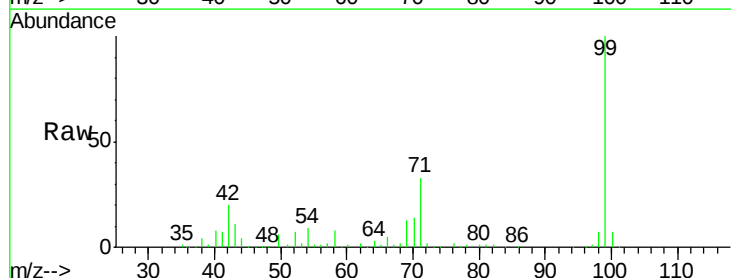
Tgt Ion: 77 Resp: 253

Ion Ratio Lower Upper

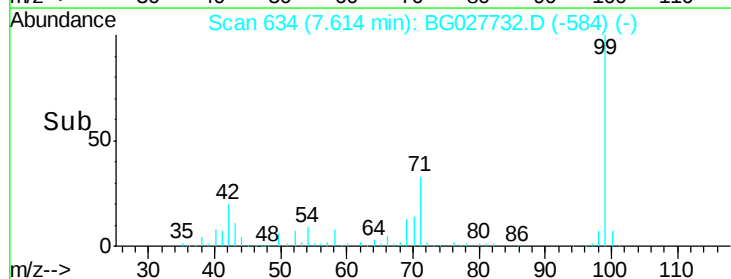
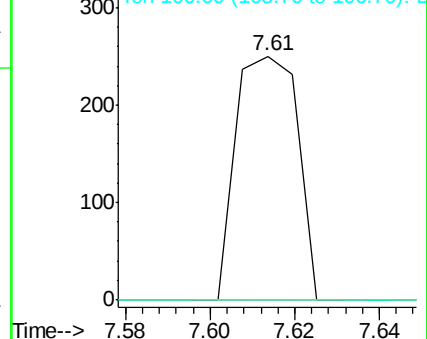
77 100

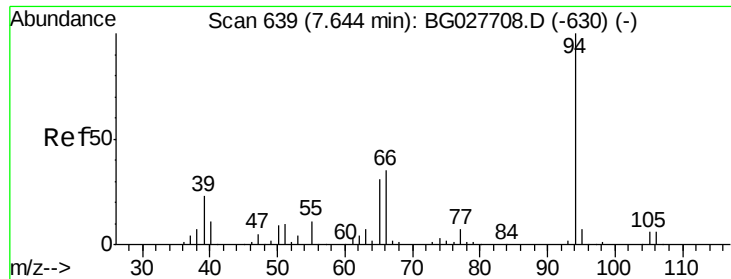
105 0.0 60.9 100.9#

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: 1.903 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

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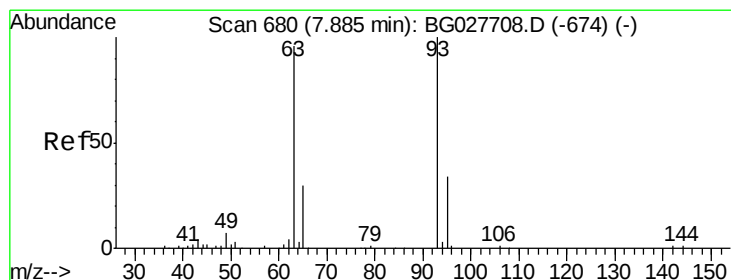
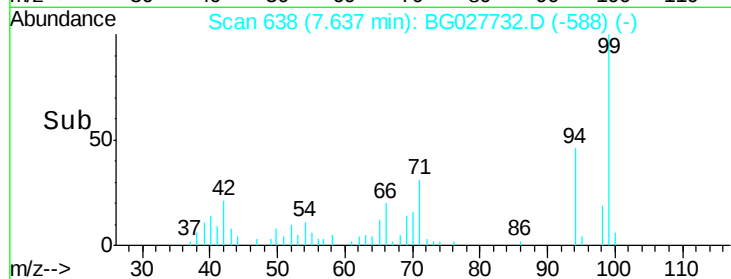
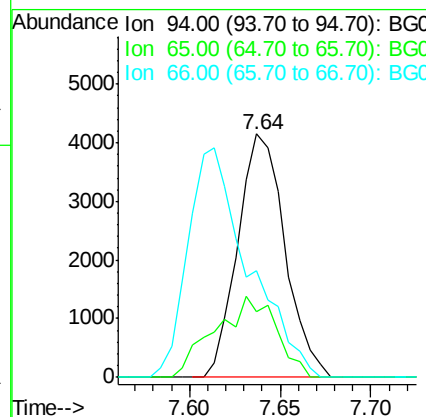
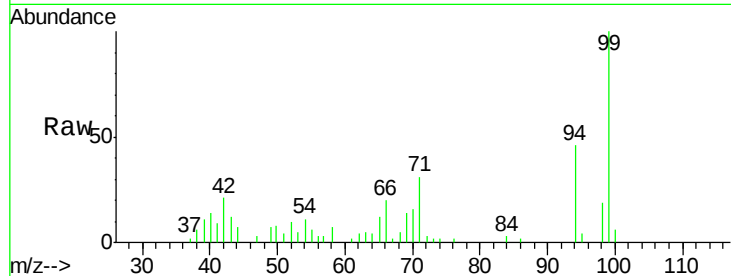
Tgt Ion: 94 Resp: 7491

Ion Ratio Lower Upper

94 100

65 27.0 20.6 60.6

66 43.8 35.5 75.5



#11

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 7.80 min Scan# 665

Delta R.T. -0.09 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

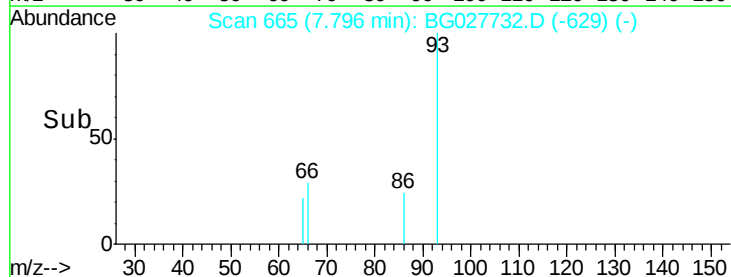
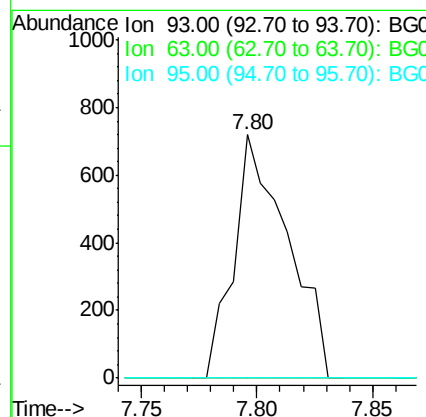
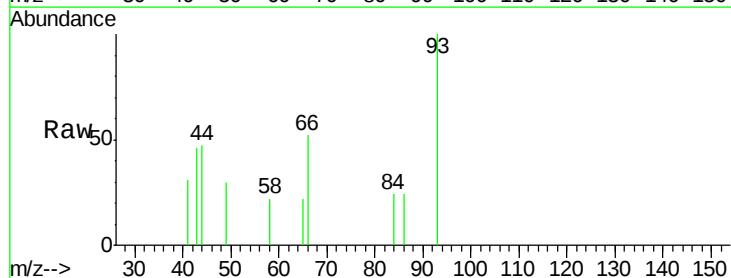
Tgt Ion: 93 Resp: 1164

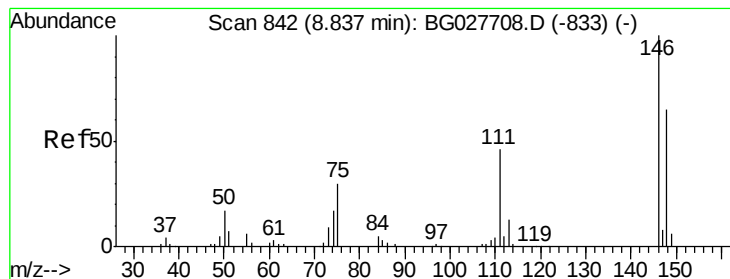
Ion Ratio Lower Upper

93 100

63 0.0 78.5 118.5#

95 0.0 9.8 49.8#





#14

1,2-Dichlorobenzene

Concen: 0.019 ng

RT: 8.84 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG027732.D

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BNA_G

ClientSampleId :

MW-105D

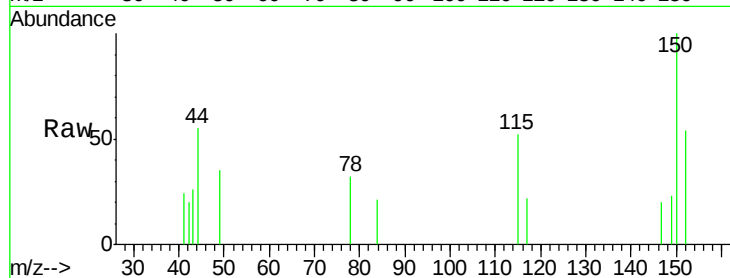
Tgt Ion:146 Resp: 58

Ion Ratio Lower Upper

146 100

148 0.0 54.6 81.8#

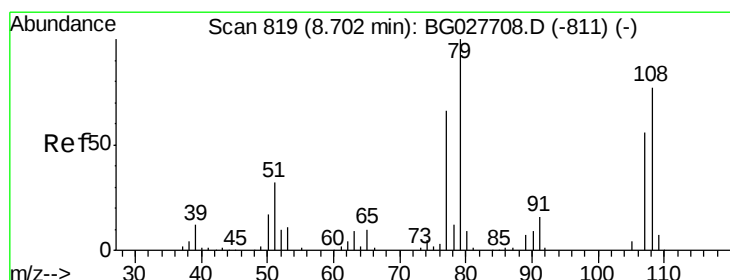
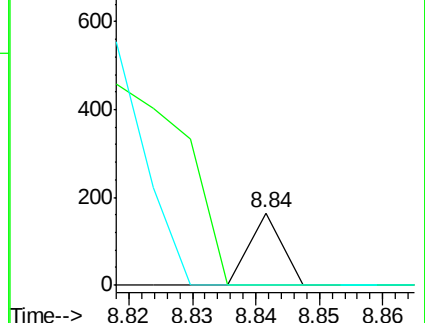
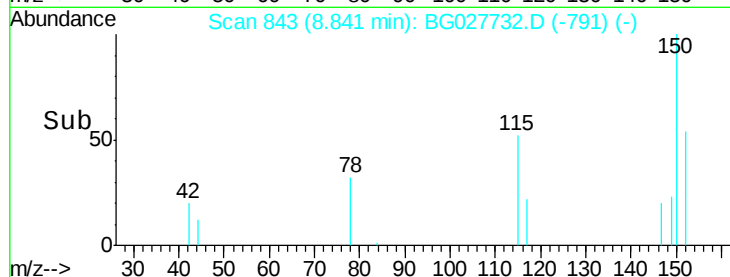
111 0.0 39.7 59.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 0.162 ng

RT: 8.71 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

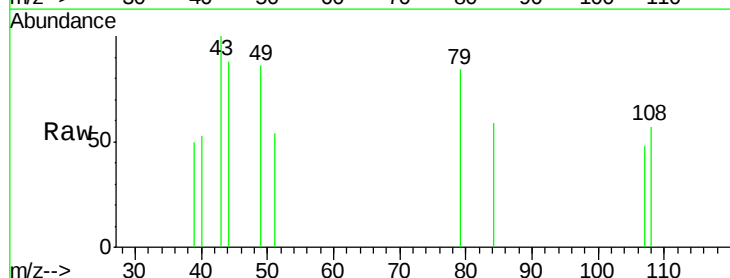
Tgt Ion: 79 Resp: 445

Ion Ratio Lower Upper

79 100

108 67.1 45.5 68.3

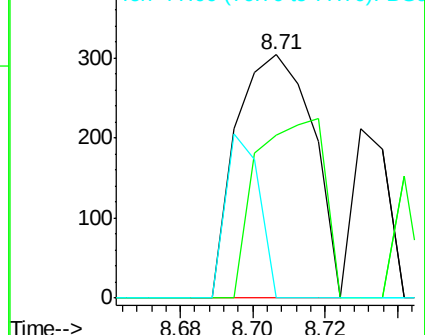
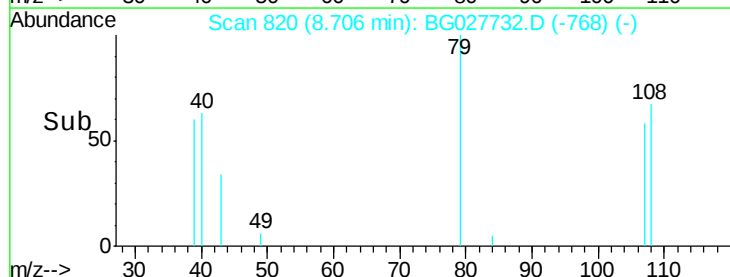
77 0.0 54.3 81.5#

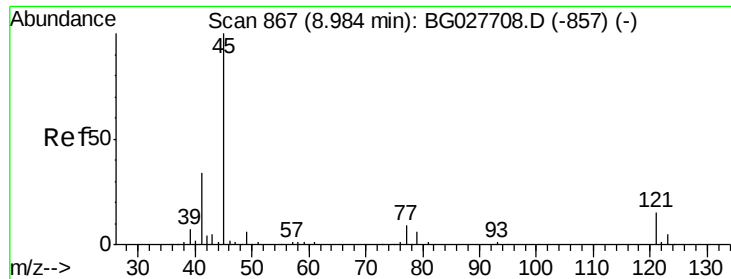


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

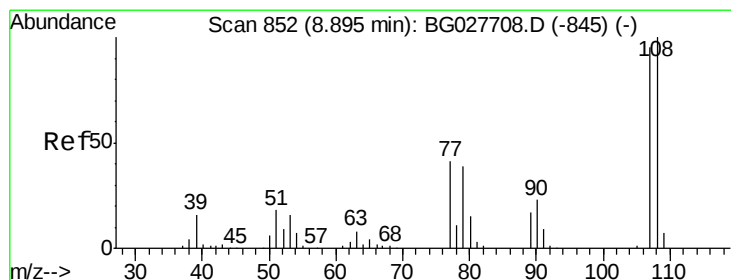
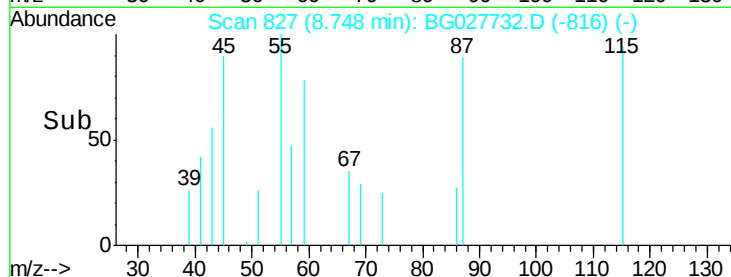
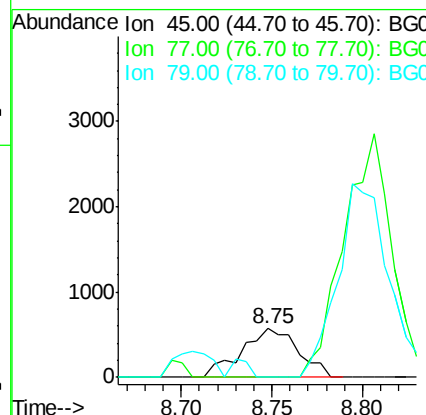
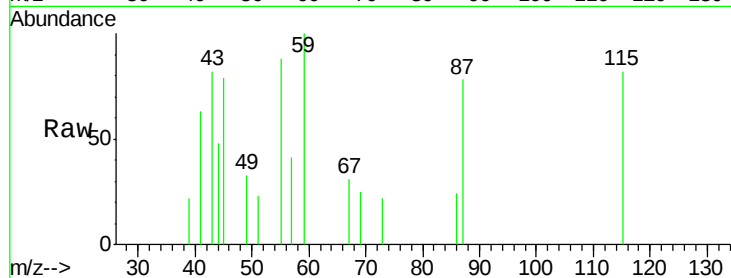




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.194 ng
RT: 8.75 min Scan# 827
Delta R.T. -0.24 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

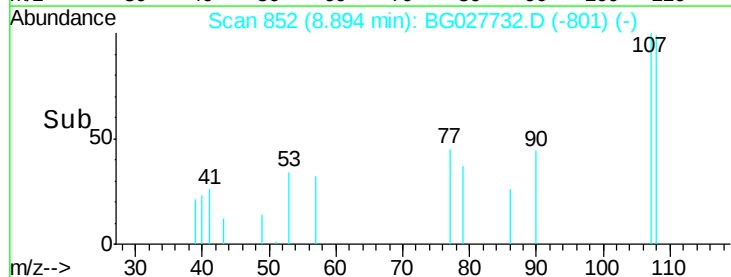
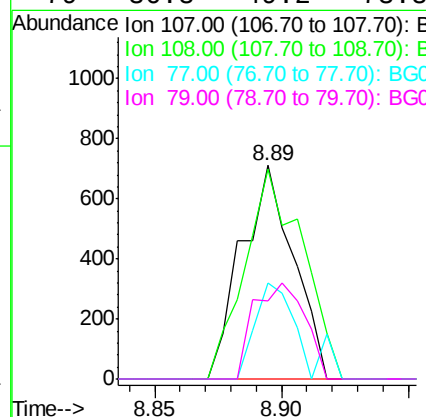
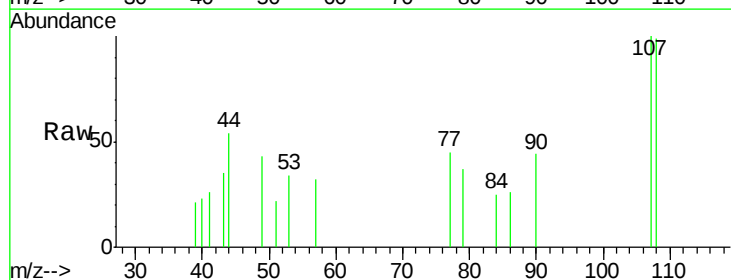
Instrument :
BNA_G
ClientSampleId :
MW-105D

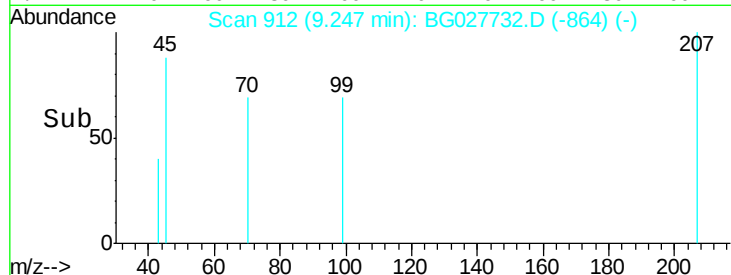
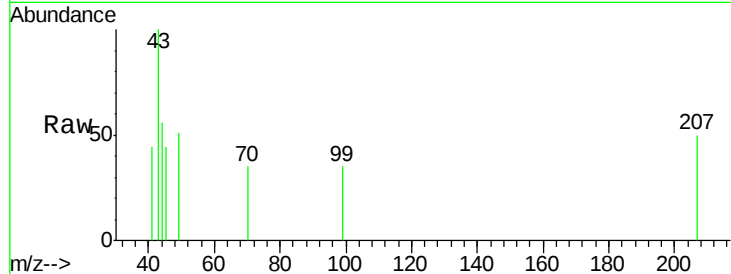
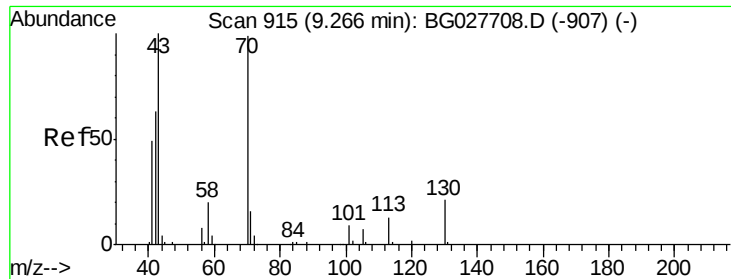
Tgt Ion: 45 Resp: 1239
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 28.5



#17
2-Methylphenol
Concen: 0.366 ng
RT: 8.89 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Tgt Ion: 107 Resp: 1019
Ion Ratio Lower Upper
107 100
108 98.6 85.6 128.4
77 45.0 51.4 77.2#
79 36.8 49.2 73.8#

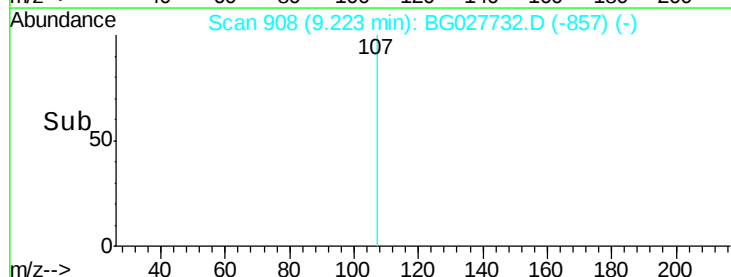
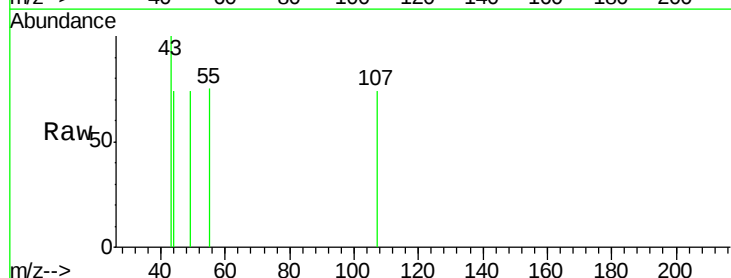
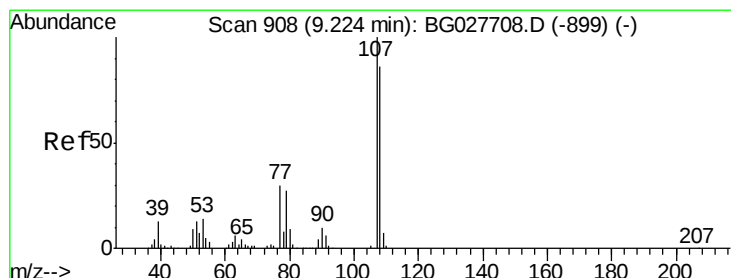
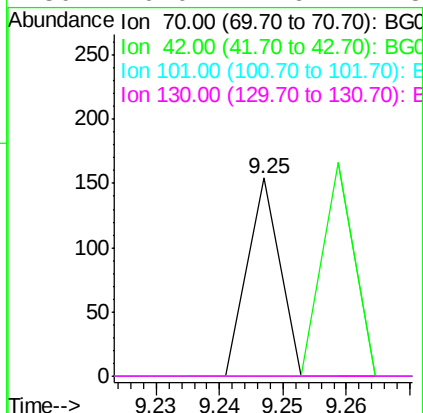




#19
n-Nitroso-di-n-propylamine
Concen: 0.019 ng
RT: 9.25 min Scan# 912
Delta R.T. -0.02 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

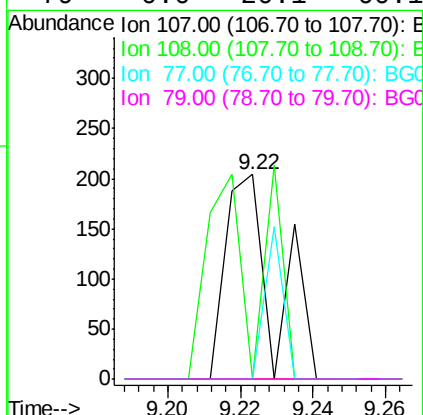
Instrument :
BNA_G
ClientSampleId :
MW-105D

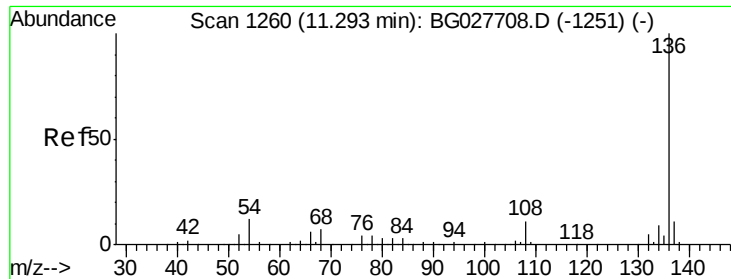
Tgt Ion:	70	Resp:	54
Ion	Ratio	Lower	Upper
70	100		
42	0.0	56.1	84.1#
101	0.0	7.5	11.3#
130	0.0	14.6	21.8#



#20
3+4-Methylphenols
Concen: 0.048 ng
RT: 9.22 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Tgt Ion:	107	Resp:	193
Ion	Ratio	Lower	Upper
107	100		
108	0.0	70.8	110.8#
77	0.0	25.8	65.8#
79	0.0	20.1	60.1#

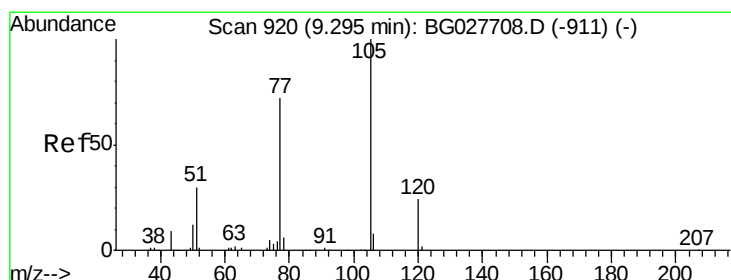
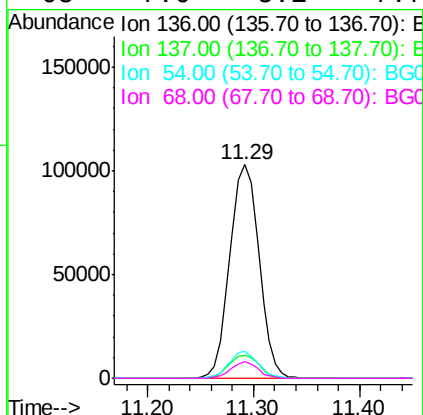
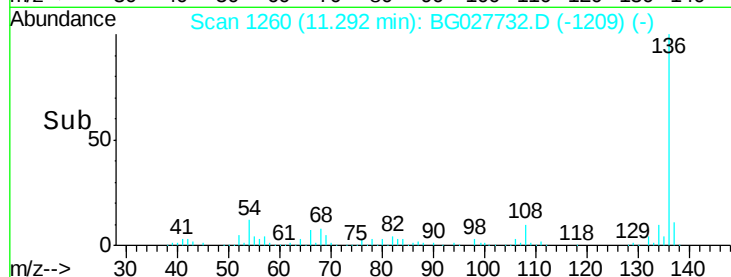
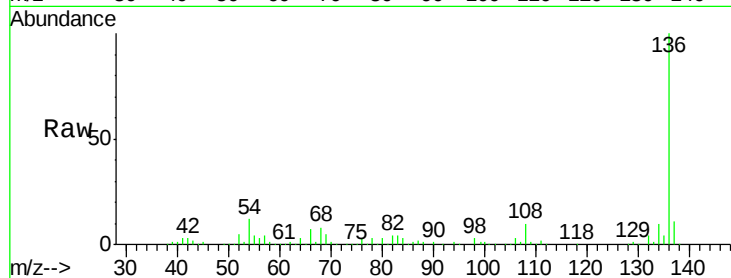




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

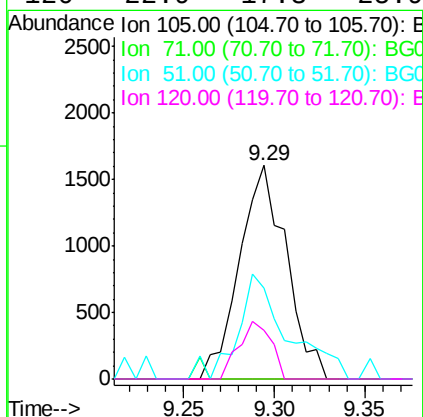
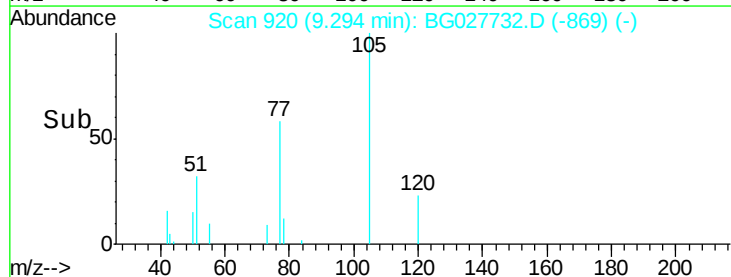
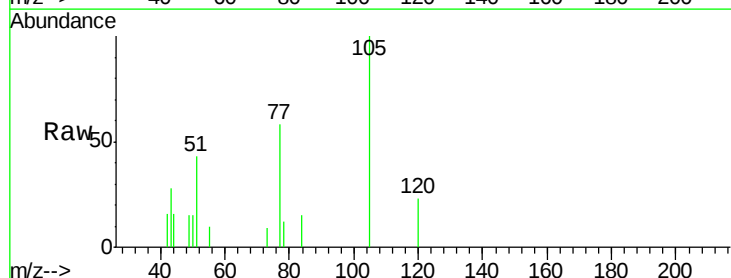
Instrument :
BNA_G
ClientSampleId :
MW-105D

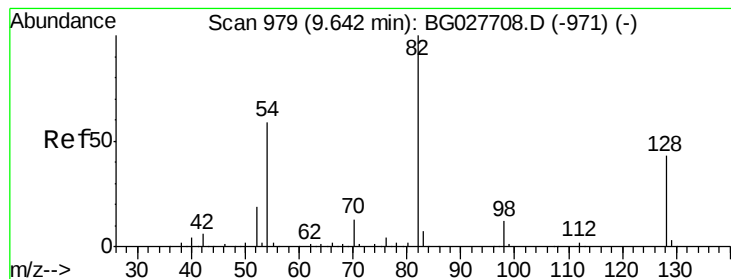
Tgt Ion:	136	Resp:	197557
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	12.3	9.3	13.9
68	7.6	5.1	7.7



#22
Acetophenone
Concen: 0.604 ng
RT: 9.29 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Tgt Ion:	105	Resp:	2881
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	42.5	34.0	51.0
120	22.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 84.997 ng

RT: 9.64 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

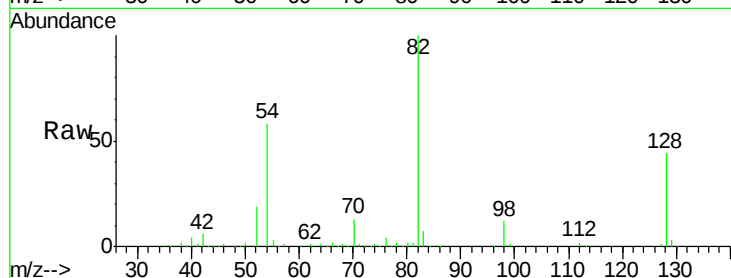
Tgt Ion: 82 Resp: 301247

Ion Ratio Lower Upper

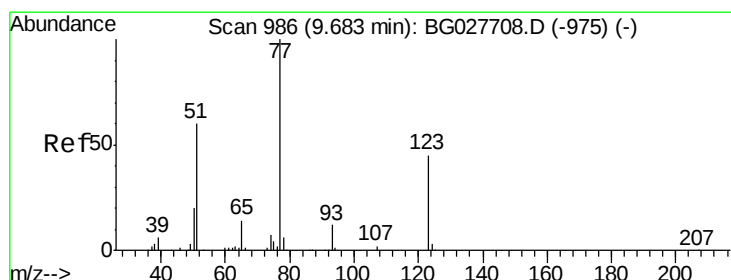
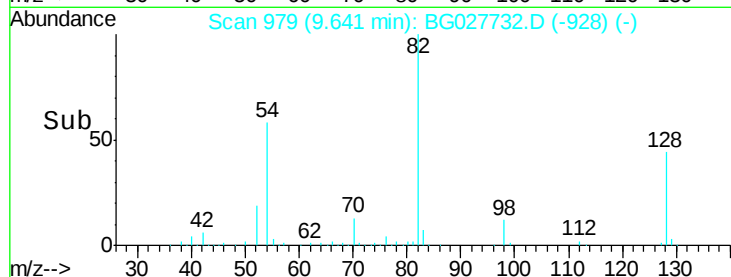
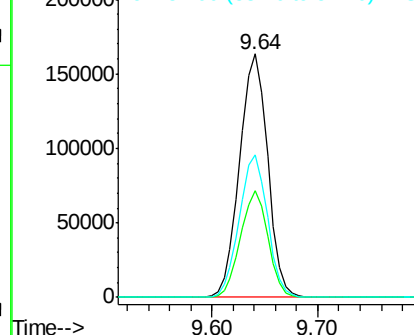
82 100

128 43.8 26.4 39.6#

54 58.4 49.4 74.2



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: 0.208 ng

RT: 9.65 min Scan# 980

Delta R.T. -0.04 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

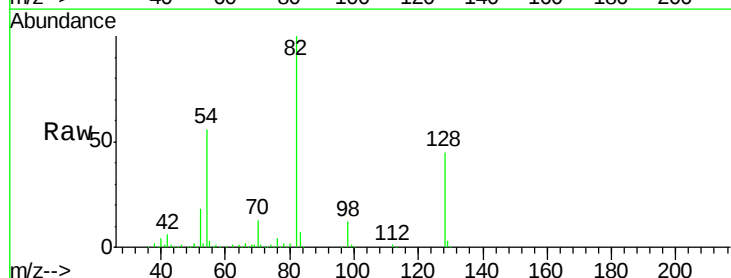
Tgt Ion: 77 Resp: 770

Ion Ratio Lower Upper

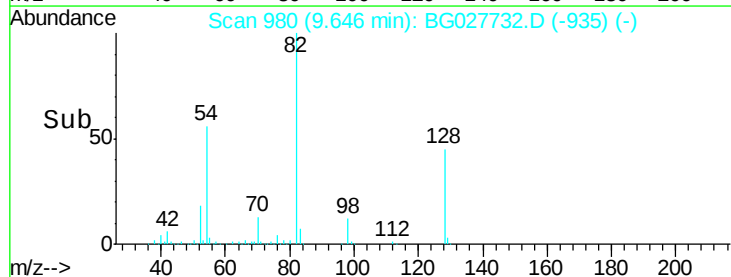
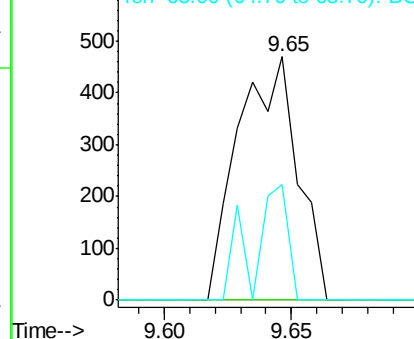
77 100

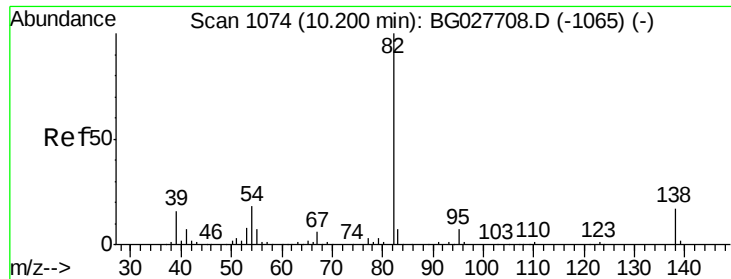
123 0.0 26.1 39.1#

65 47.7 12.4 18.6#



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: 0.087 ng

RT: 10.20 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

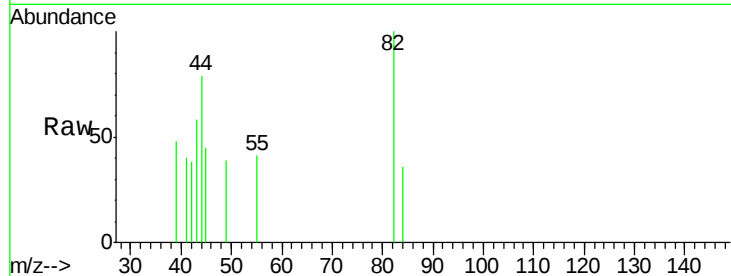
Tgt Ion: 82 Resp: 674

Ion Ratio Lower Upper

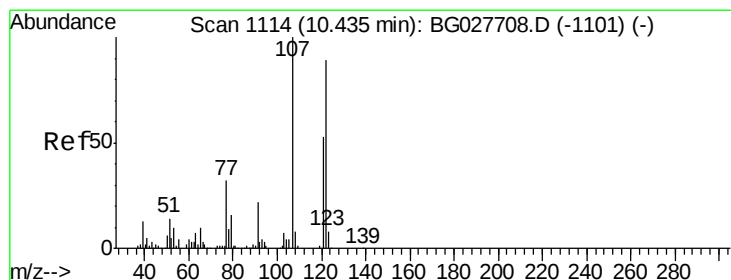
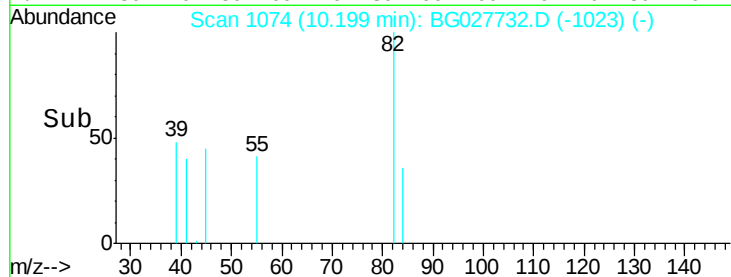
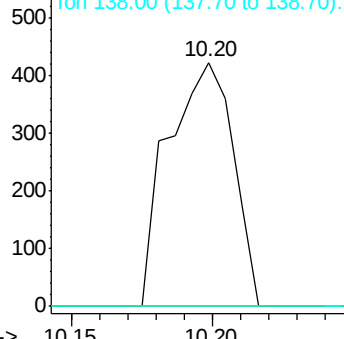
82 100

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



#27

2,4-Dimethylphenol

Concen: 0.019 ng

RT: 10.70 min Scan# 1159

Delta R.T. 0.26 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

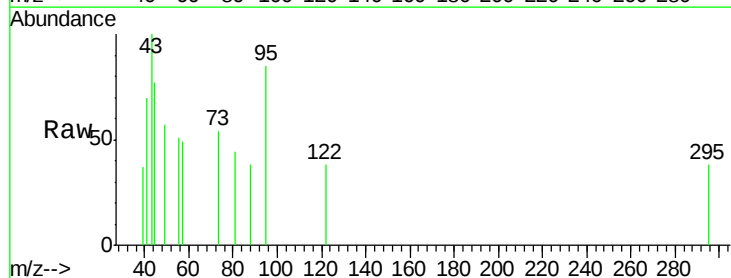
Tgt Ion: 122 Resp: 61

Ion Ratio Lower Upper

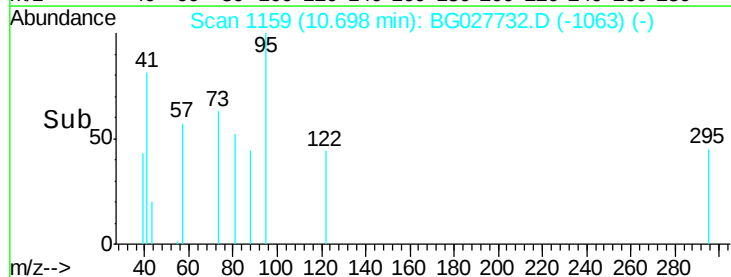
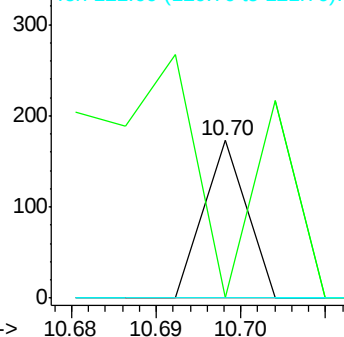
122 100

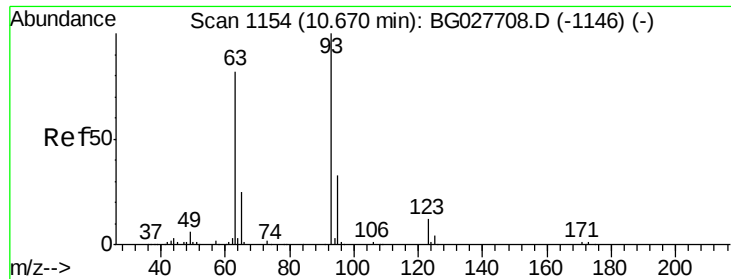
107 0.0 104.2 156.4#

121 0.0 46.0 69.0#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC





#28

bis(2-Chloroethoxy)methane

Concen: 0.012 ng

RT: 10.85 min Scan# 1185

Delta R.T. 0.18 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

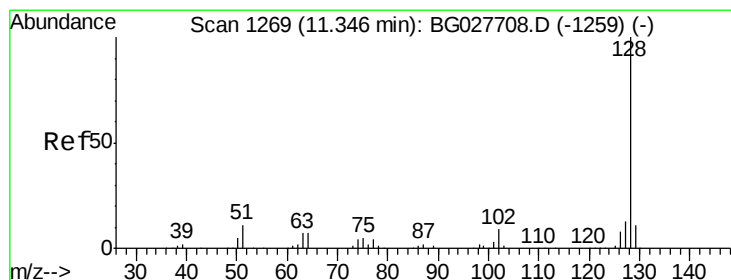
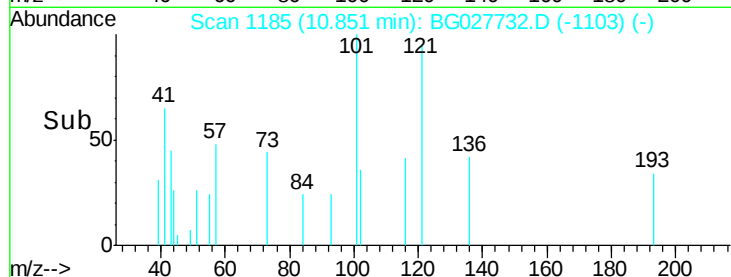
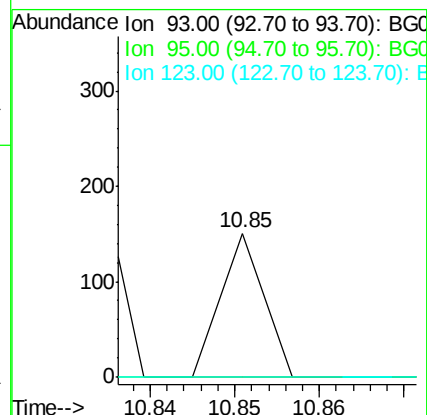
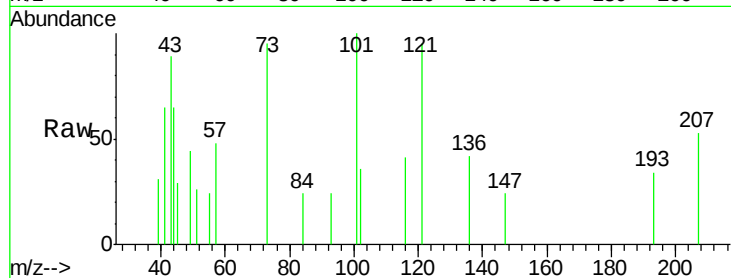
Tgt Ion: 93 Resp: 53

Ion Ratio Lower Upper

93 100

95 0.0 25.7 38.5#

123 0.0 8.3 12.5#



#31

Naphthalene

Concen: 0.068 ng

RT: 11.29 min Scan# 1260

Delta R.T. -0.05 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

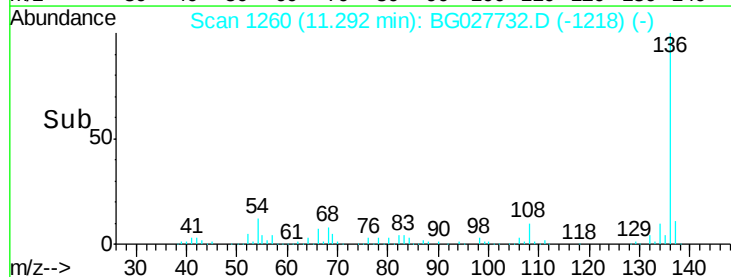
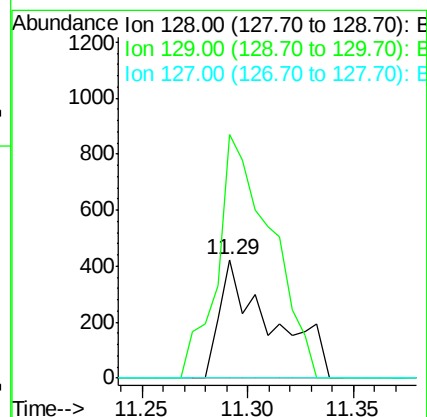
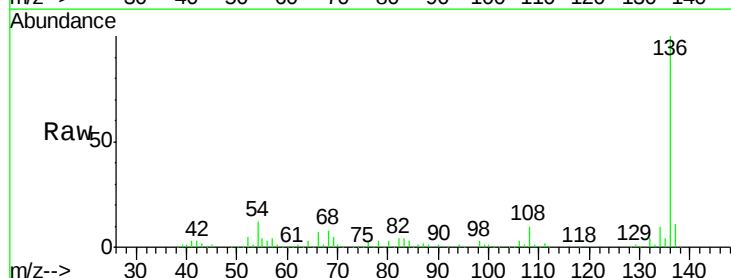
Tgt Ion: 128 Resp: 710

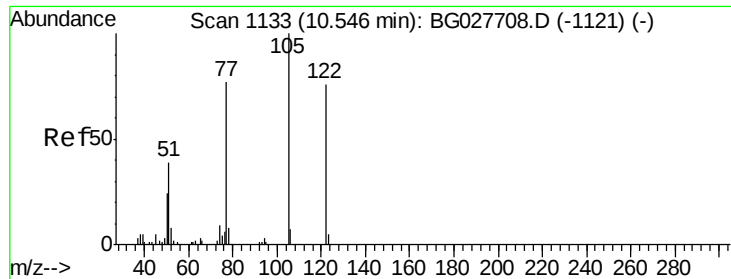
Ion Ratio Lower Upper

128 100

129 205.9 9.3 13.9#

127 0.0 11.4 17.0#





#32

Benzoic acid

Concen: 8.889 ng

RT: 10.70 min Scan# 1159

Delta R.T. 0.15 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

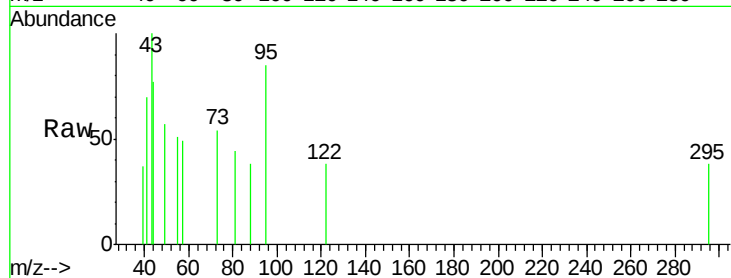
Tgt Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

77 0.0 104.6 144.6#

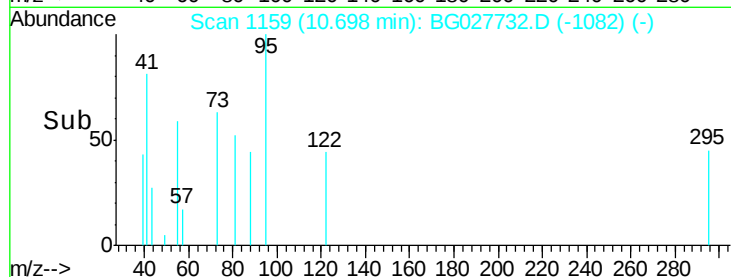


Abundance Ion 122.00 (121.70 to 122.70): E

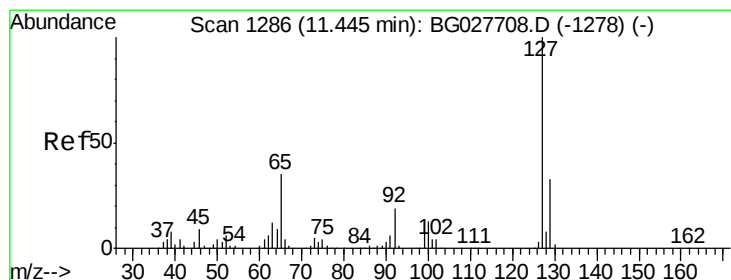
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Time-->



Time-->



#33

4-Chloroaniline

Concen: 0.103 ng

RT: 11.45 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Tgt Ion:127 Resp: 469

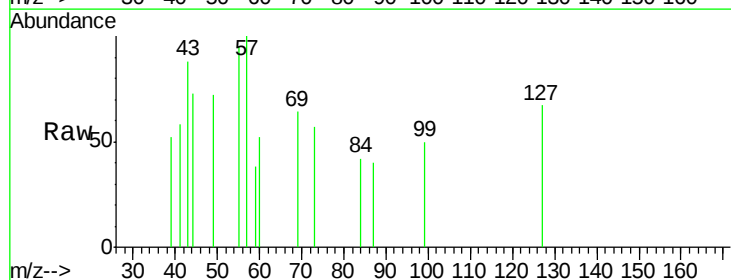
Ion Ratio Lower Upper

127 100

129 0.0 23.6 35.4#

65 0.0 37.7 56.5#

92 0.0 17.6 26.4#



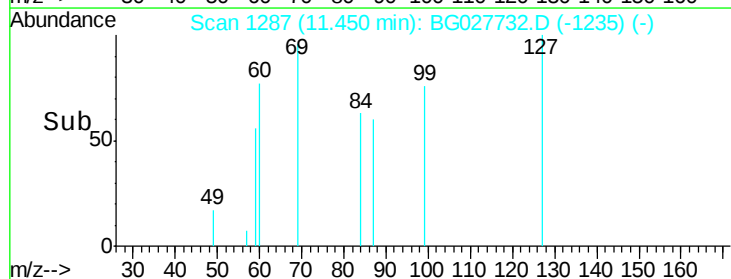
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

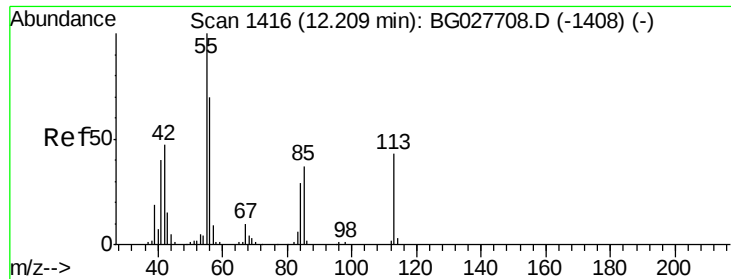
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Time-->



Time-->



#35

Caprolactam

Concen: 0.246 ng

RT: 12.20 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

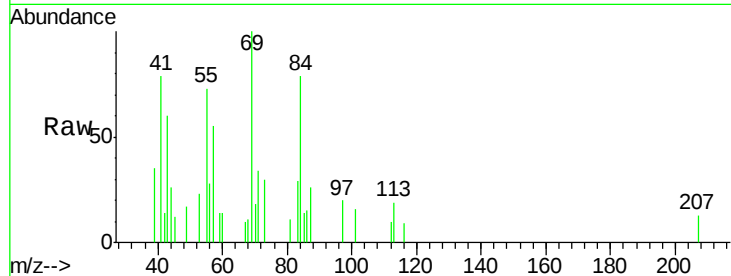
Tgt Ion:113 Resp: 340

Ion Ratio Lower Upper

113 100

55 388.6 198.6 238.6#

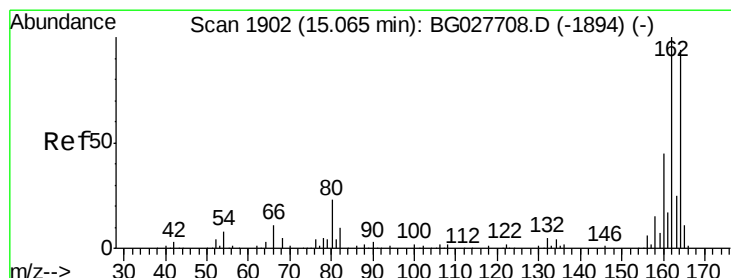
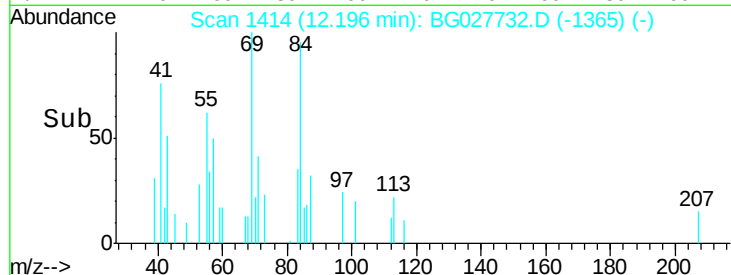
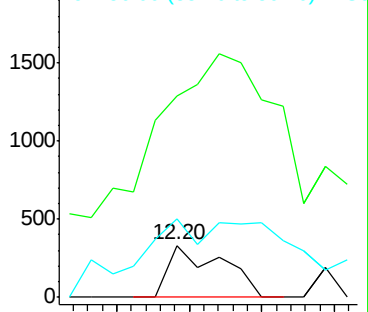
56 150.3 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

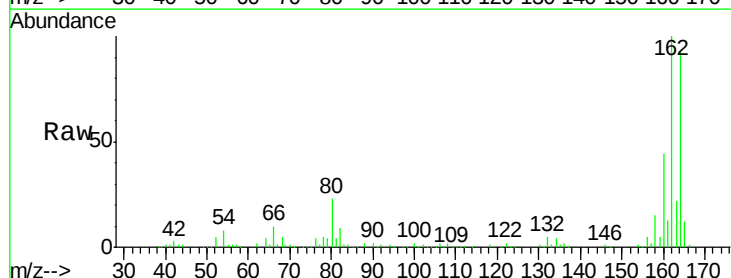
Tgt Ion:164 Resp: 122611

Ion Ratio Lower Upper

164 100

162 107.1 85.1 127.7

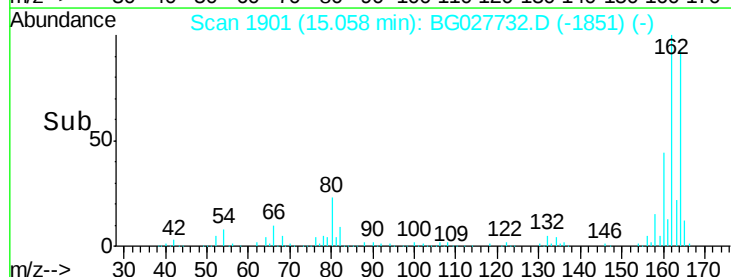
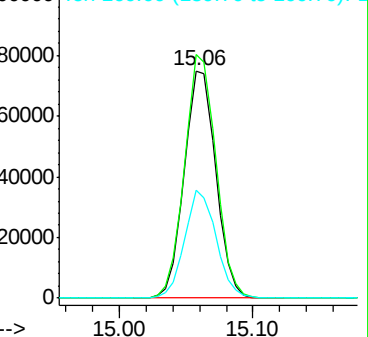
160 47.6 34.7 52.1

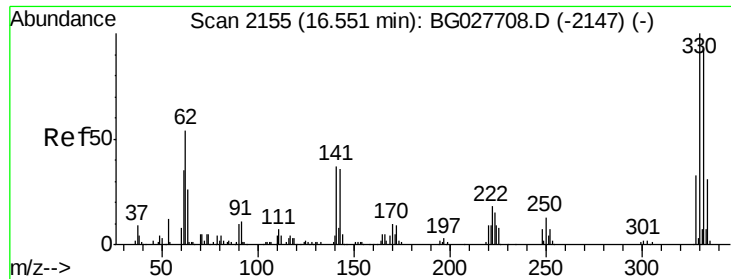


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

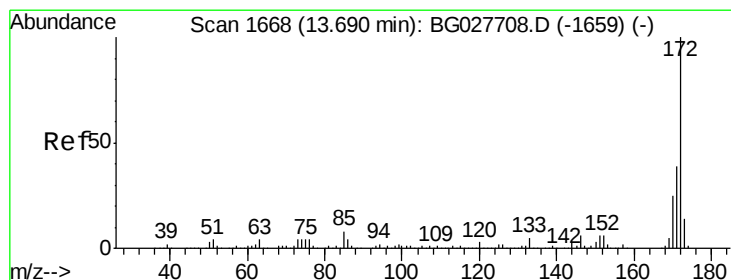
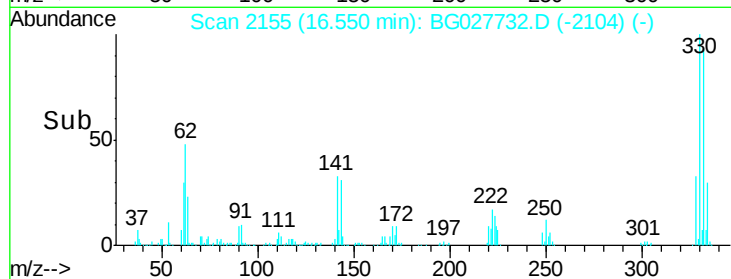
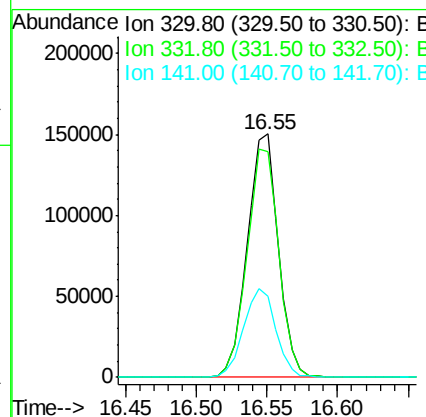
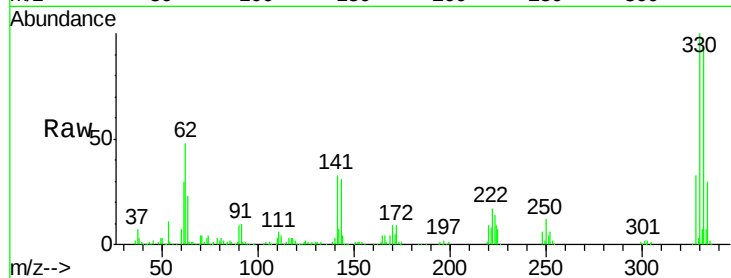




#41
 2,4,6-Tribromophenol
 Concen: 138.251 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027732.D
 Acq: 29 Jun 2017 8:38

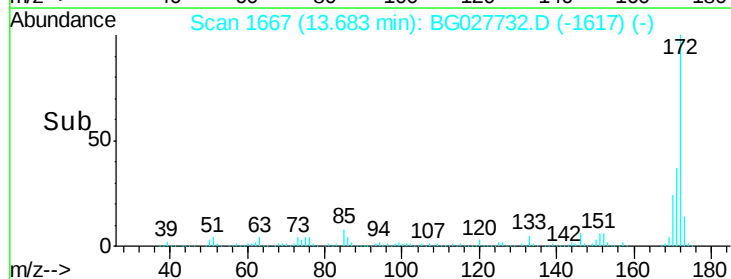
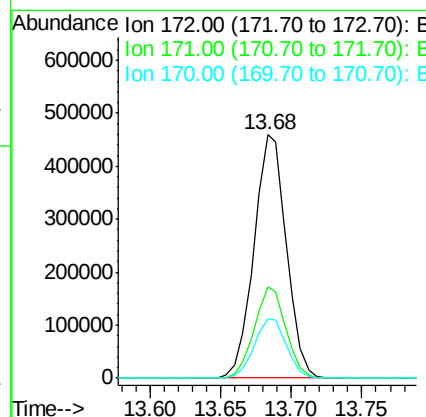
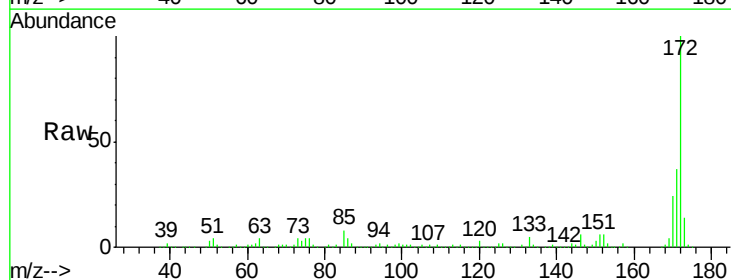
Instrument :
 BNA_G
 ClientSampleId :
 MW-105D

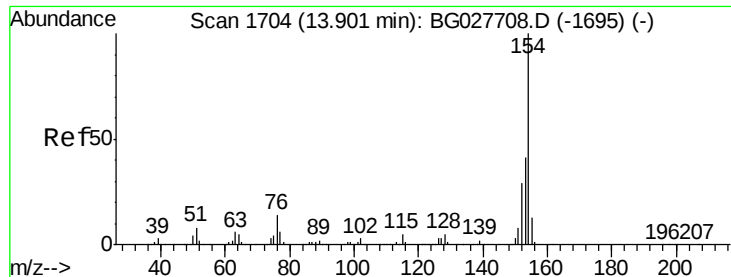
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	37.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 85.969 ng
 RT: 13.68 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG027732.D
 Acq: 29 Jun 2017 8:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.5	21.8	32.6

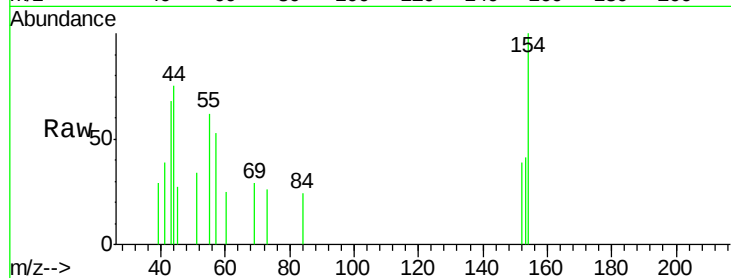




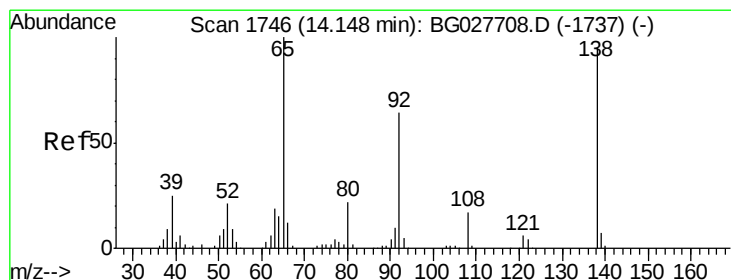
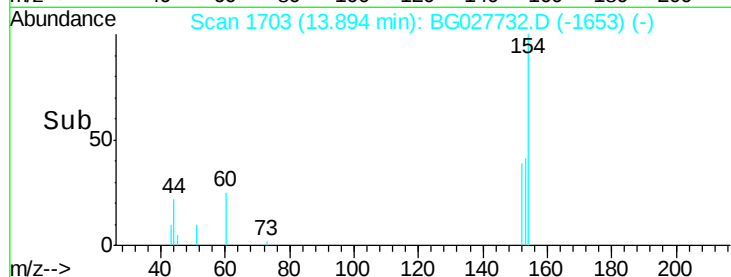
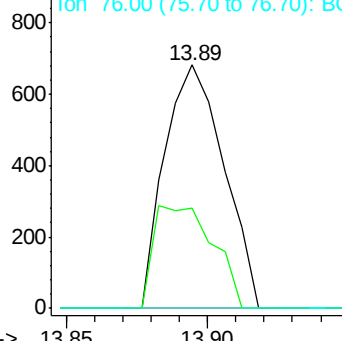
#45
1,1'-Biphenyl
Concen: 0.101 ng
RT: 13.89 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Instrument :
BNA_G
ClientSampleId :
MW-105D

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.0	63.0
76	0.0	0.0	33.5

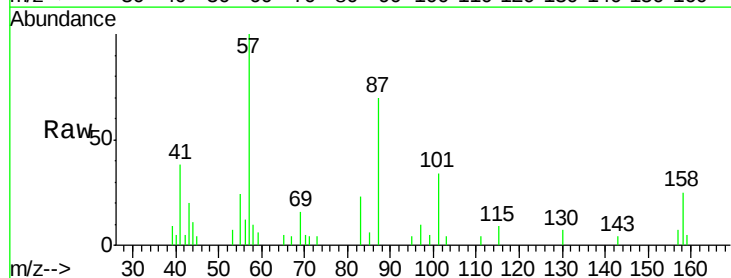


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

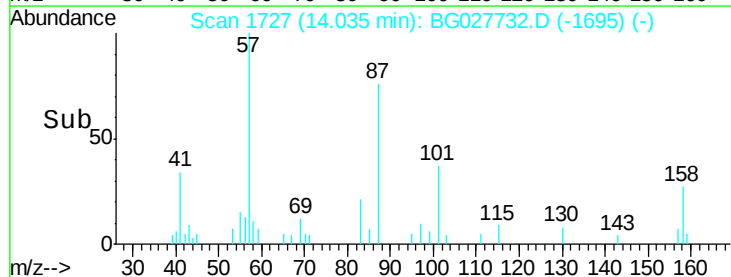
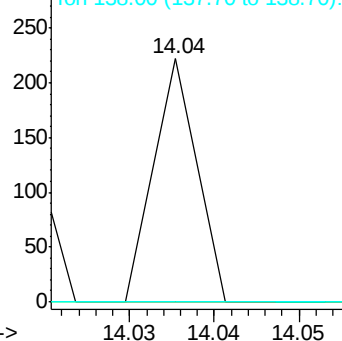


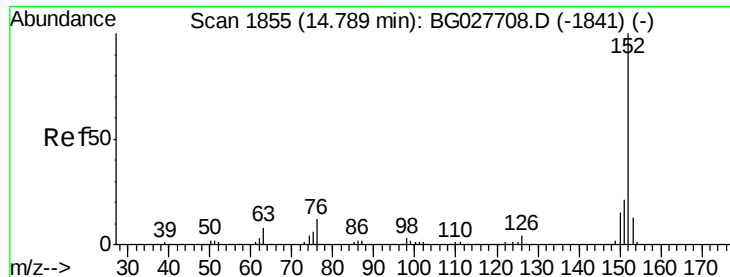
#47
2-Nitroaniline
Concen: 0.026 ng
RT: 14.04 min Scan# 1727
Delta R.T. -0.11 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.042 ng

RT: 14.90 min Scan# 1874

Delta R.T. 0.11 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

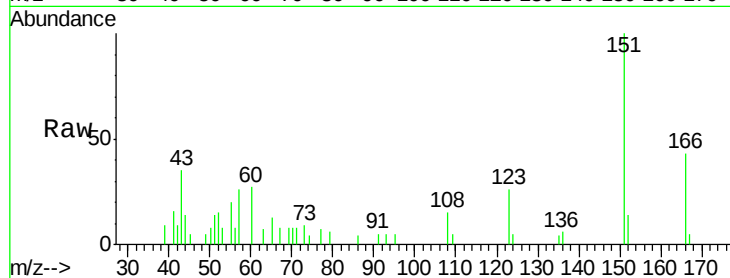
Tgt Ion:152 Resp: 566

Ion Ratio Lower Upper

152 100

151 704.9 18.2 27.2#

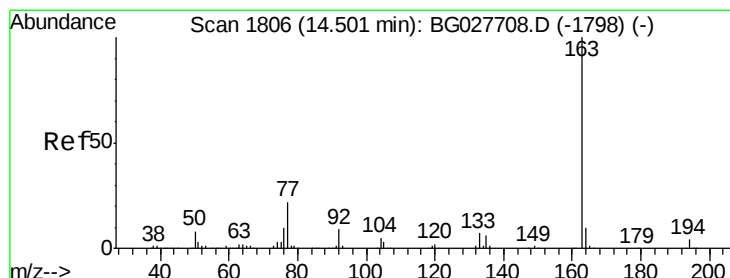
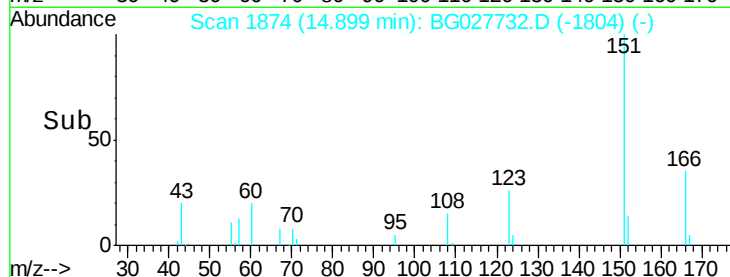
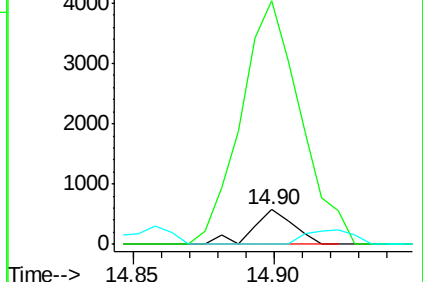
153 0.0 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 22.910 ng

RT: 14.49 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

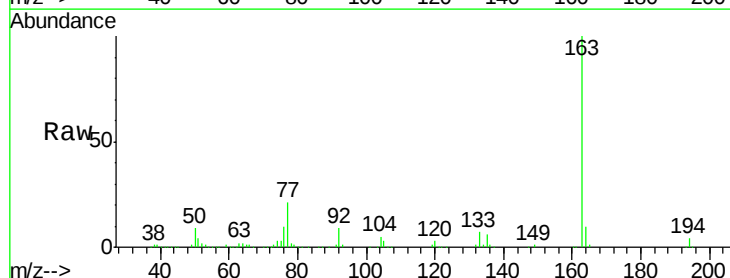
Tgt Ion:163 Resp: 239625

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

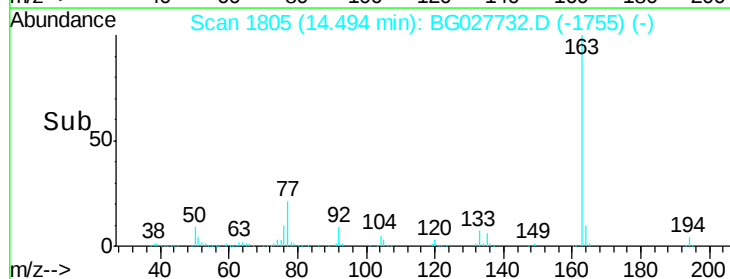
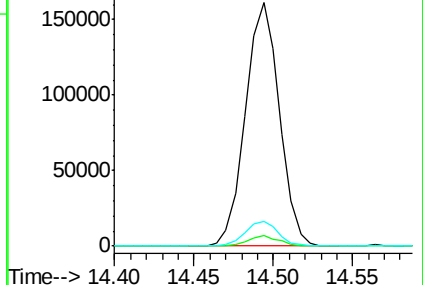
164 10.3 9.3 13.9

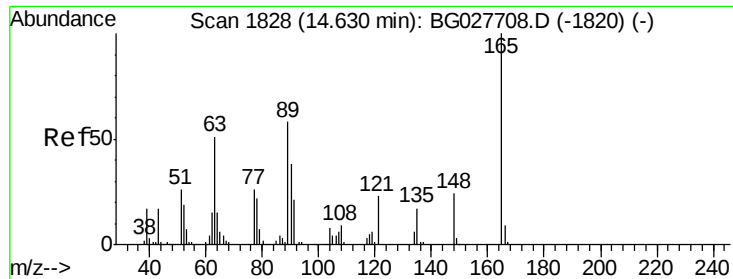


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

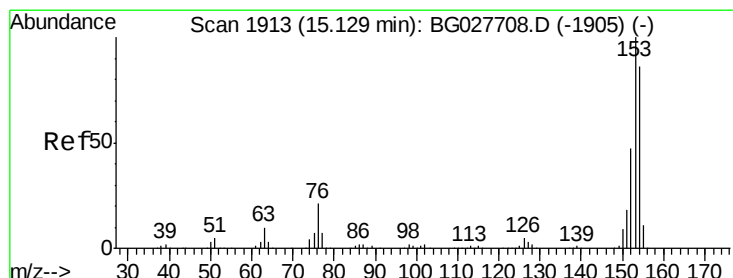
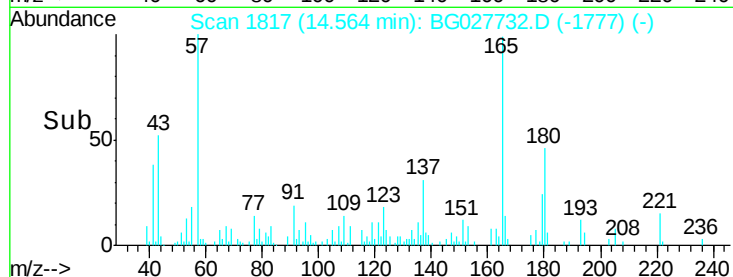
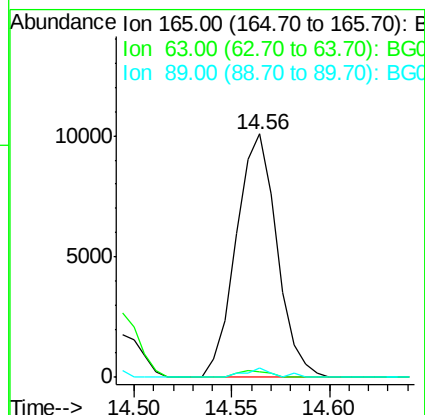
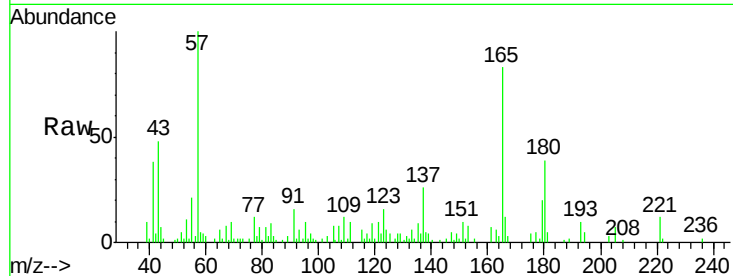




#50
 2,6-Dinitrotoluene
 Concen: 6.421 ng
 RT: 14.56 min Scan# 1817
 Delta R.T. -0.07 min
 Lab File: BG027732.D
 Acq: 29 Jun 2017 8:38

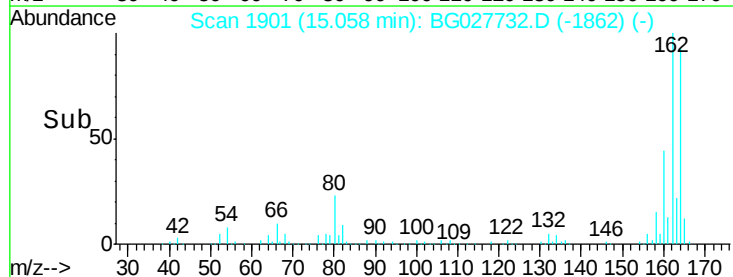
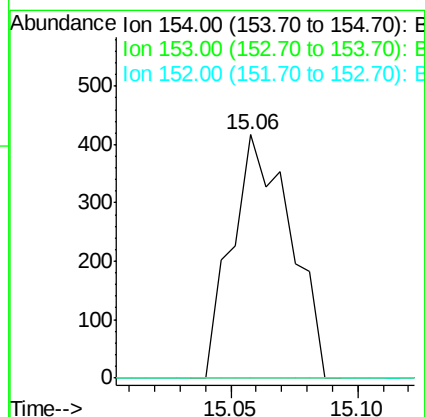
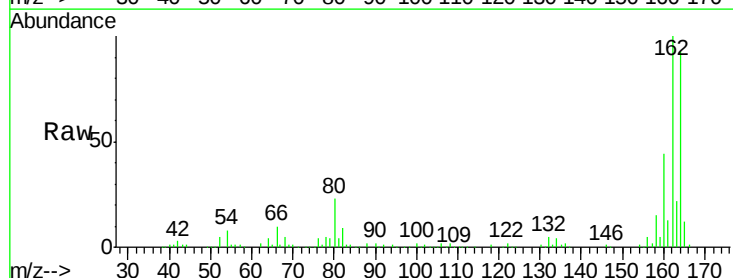
Instrument :
 BNA_G
 ClientSampleId :
 MW-105D

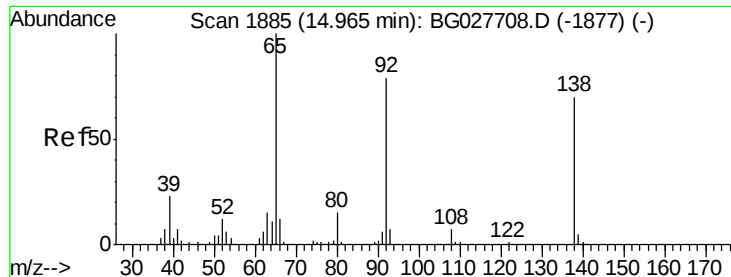
Tgt Ion:165 Resp: 14599
 Ion Ratio Lower Upper
 165 100
 63 2.2 63.9 95.9#
 89 3.8 58.6 88.0#



#51
 Acenaphthene
 Concen: 0.077 ng
 RT: 15.06 min Scan# 1901
 Delta R.T. -0.07 min
 Lab File: BG027732.D
 Acq: 29 Jun 2017 8:38

Tgt Ion:154 Resp: 671
 Ion Ratio Lower Upper
 154 100
 153 0.0 87.8 131.6#
 152 0.0 42.2 63.4#

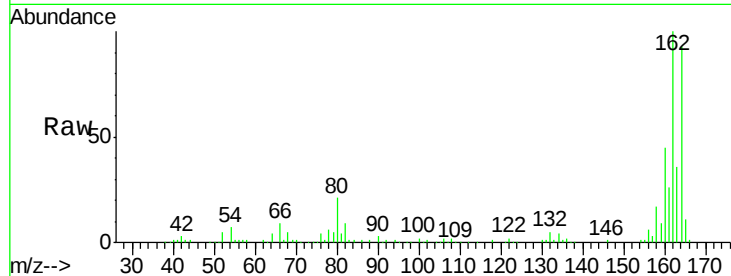




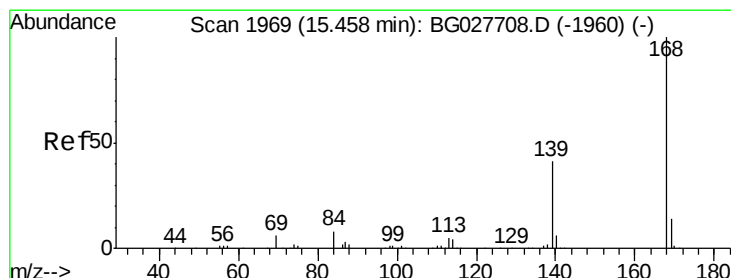
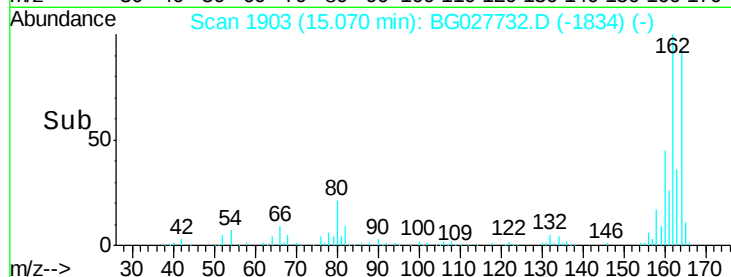
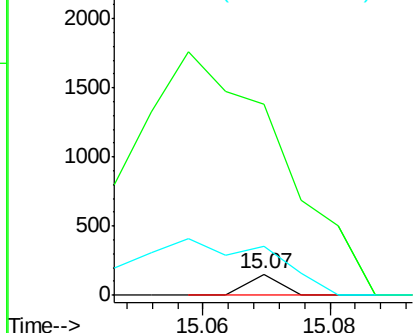
#52
3-Nitroaniline
Concen: 0.020 ng
RT: 15.07 min Scan# 1903
Delta R.T. 0.10 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Instrument :
BNA_G
ClientSampleId :
MW-105D

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 907.2 10.9 16.3#
92 234.9 115.3 172.9#

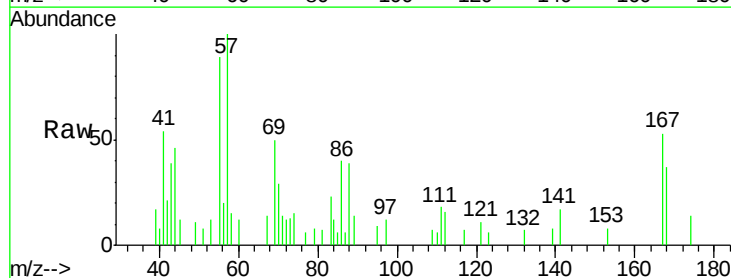


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

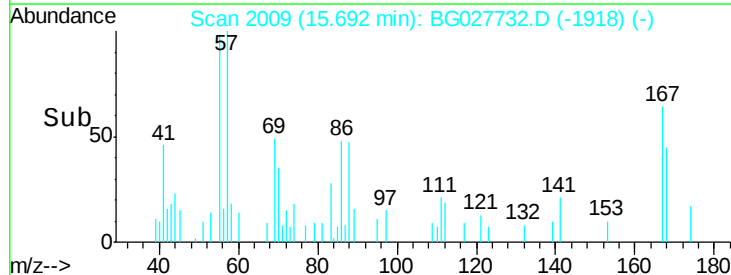
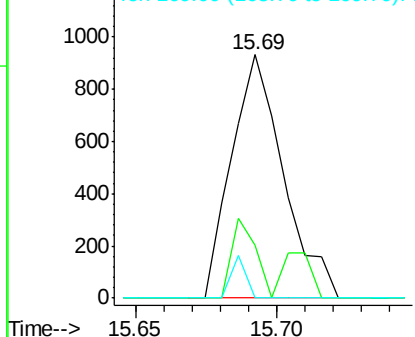


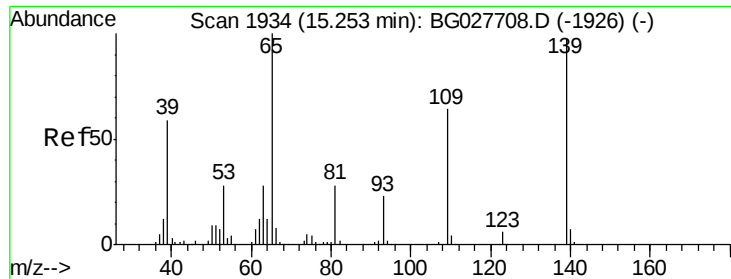
#54
Dibenzofuran
Concen: 0.103 ng
RT: 15.69 min Scan# 2009
Delta R.T. 0.23 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Tgt Ion:168 Resp: 1188
Ion Ratio Lower Upper
168 100
139 22.0 35.3 52.9#
169 0.0 11.5 17.3#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

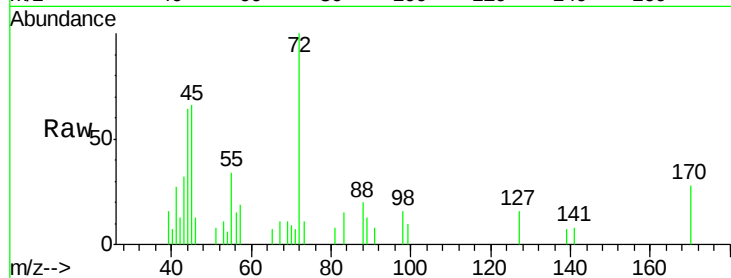




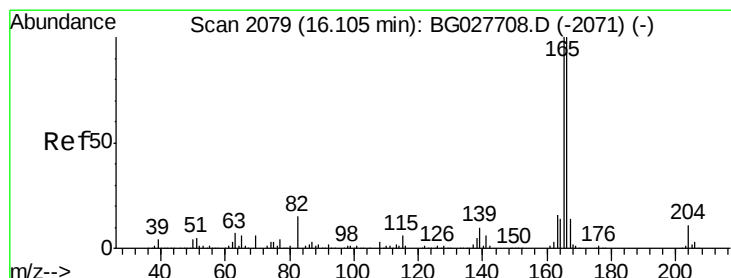
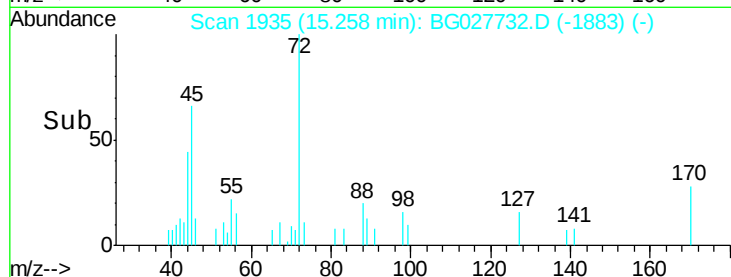
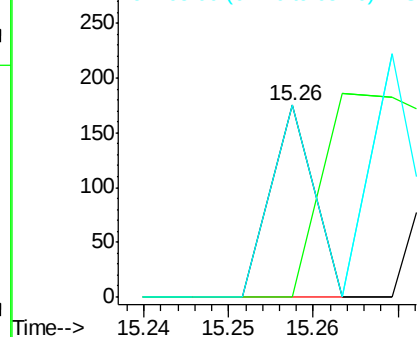
#55
4-Nitrophenol
Concen: 0.030 ng
RT: 15.26 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Instrument :
BNA_G
ClientSampleId :
MW-105D

Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 100.6 135.3 175.3#

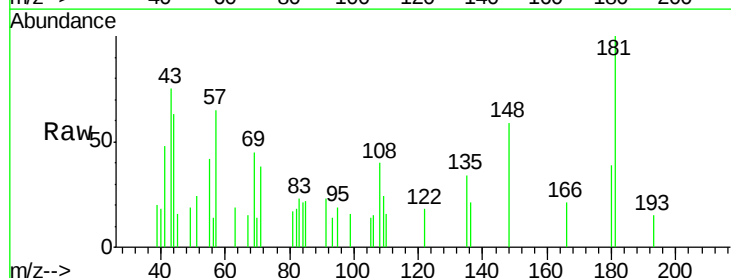


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

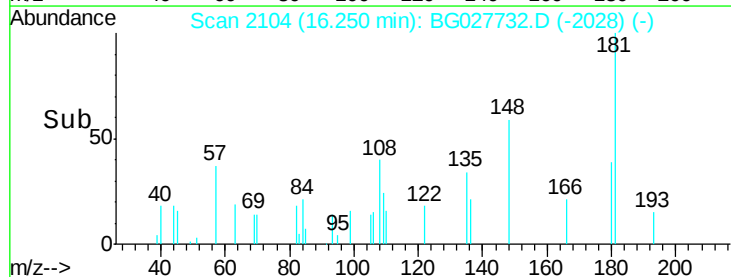
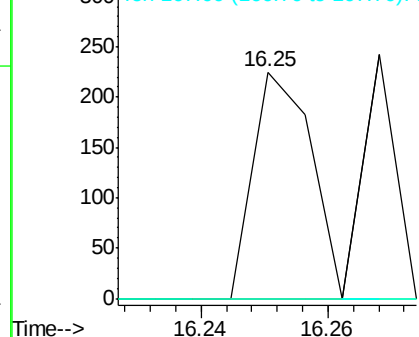


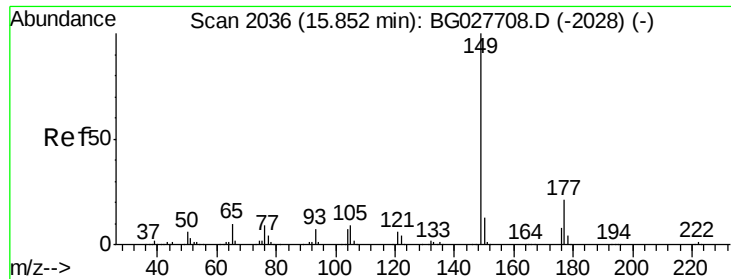
#57
Fluorene
Concen: 0.013 ng
RT: 16.25 min Scan# 2104
Delta R.T. 0.15 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Tgt Ion:166 Resp: 144
Ion Ratio Lower Upper
166 100
165 0.0 78.6 117.8#
167 0.0 11.6 17.4#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

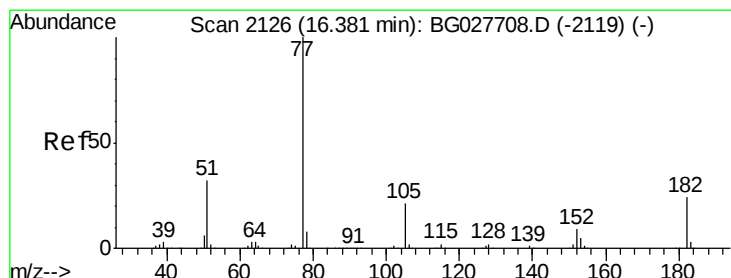
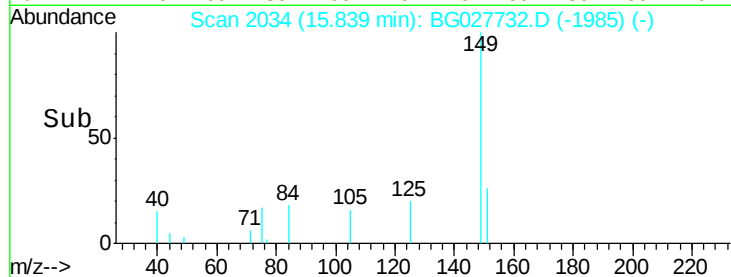
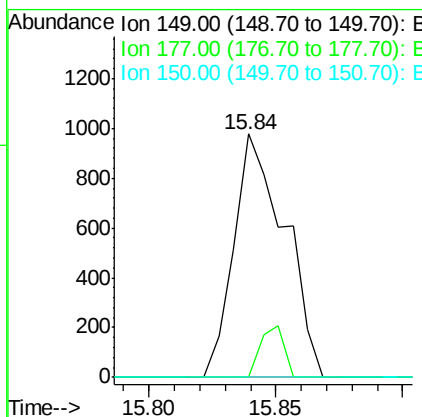
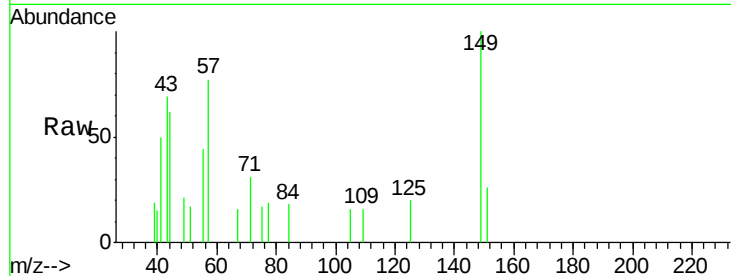




#59
Diethylphthalate
Concen: 0.118 ng
RT: 15.84 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

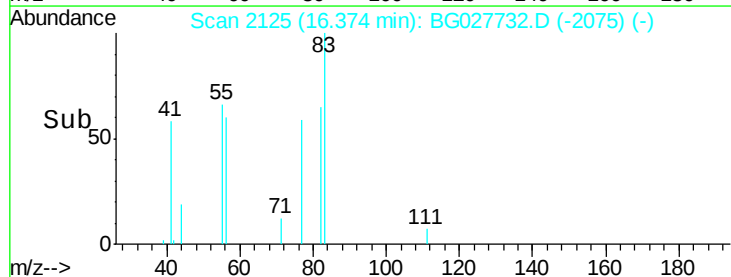
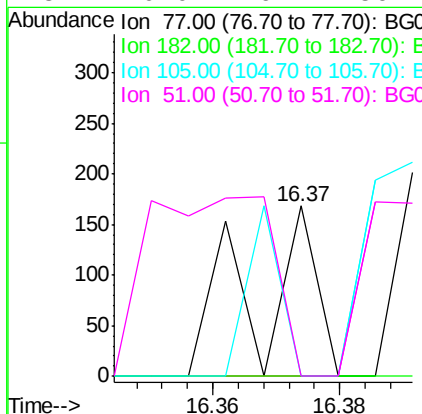
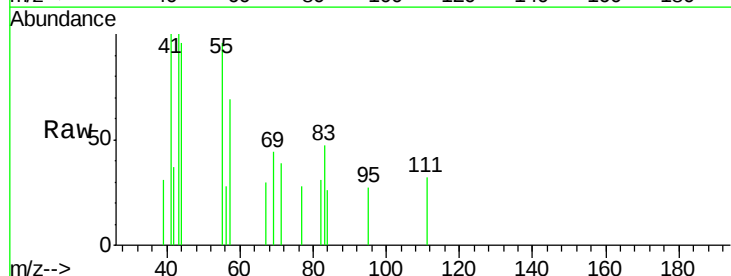
Instrument :
BNA_G
ClientSampleId :
MW-105D

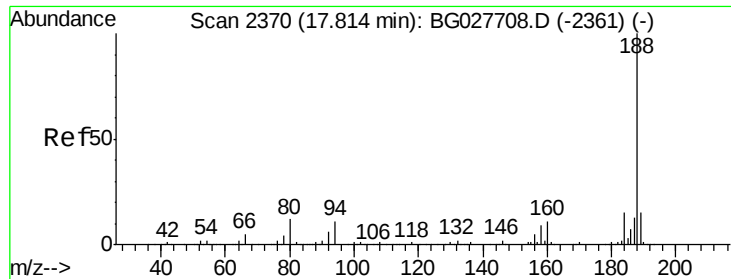
Tgt Ion: 149 Resp: 1366
Ion Ratio Lower Upper
149 100
177 0.0 20.1 30.1#
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.011 ng
RT: 16.37 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG027732.D
Acq: 29 Jun 2017 8:38

Tgt Ion: 77 Resp: 113
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 0.0 0.0 36.3
51 0.0 16.4 56.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.81 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

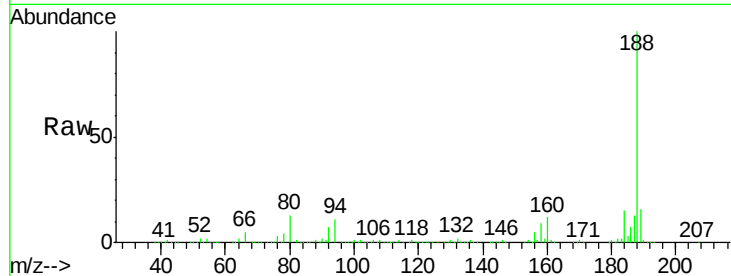
Tgt Ion:188 Resp: 289970

Ion Ratio Lower Upper

188 100

94 11.3 5.8 8.8#

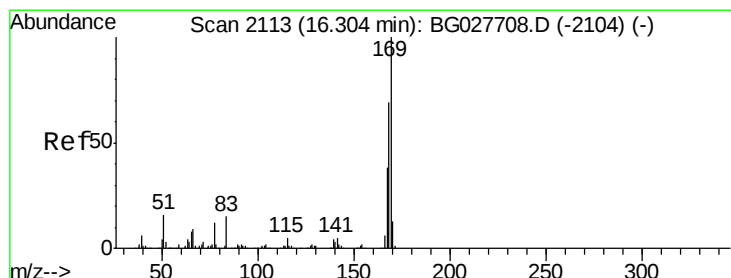
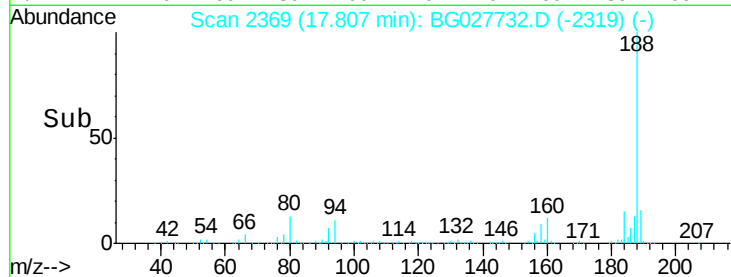
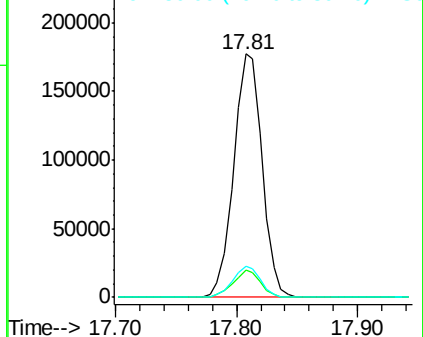
80 12.7 7.5 11.3#



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: 0.928 ng

RT: 16.54 min Scan# 2154

Delta R.T. 0.24 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

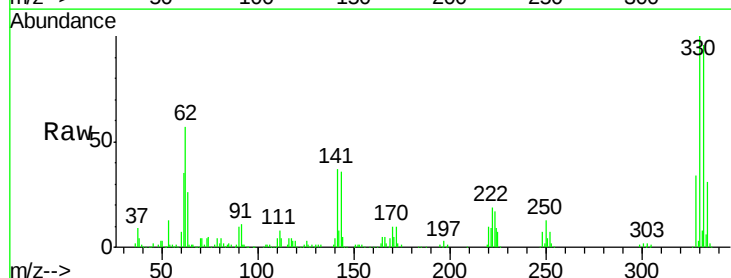
Tgt Ion:169 Resp: 8752

Ion Ratio Lower Upper

169 100

168 7.9 55.7 83.5#

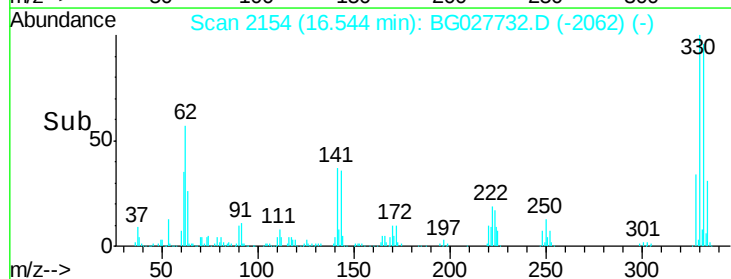
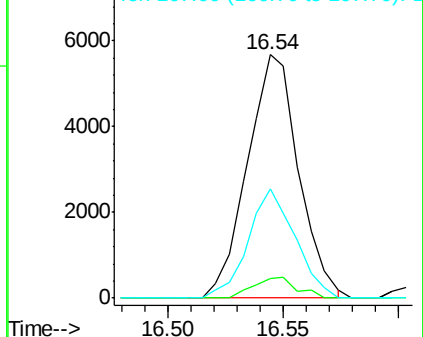
167 44.7 29.8 44.6#

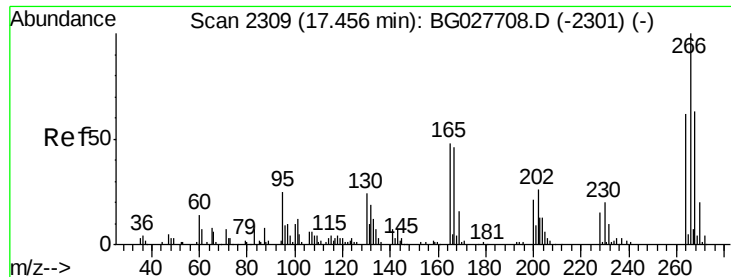


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

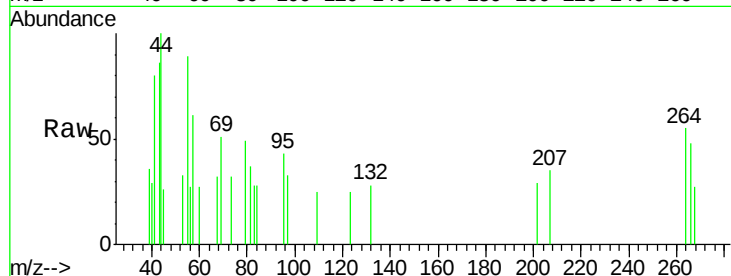




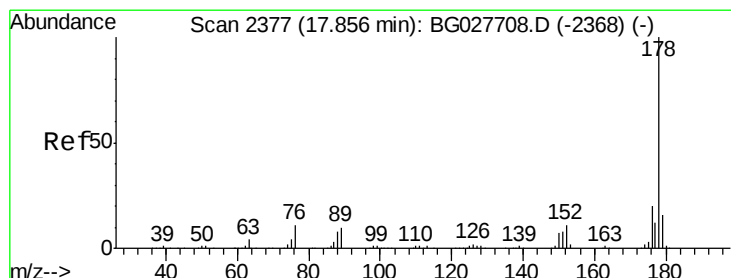
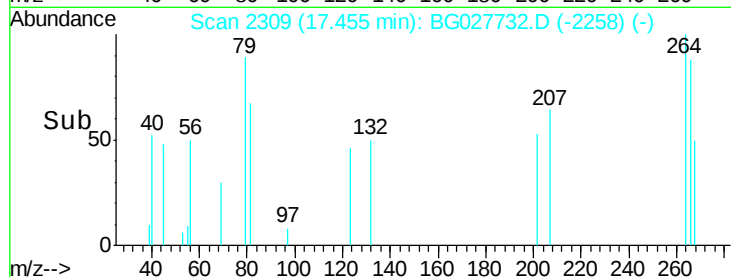
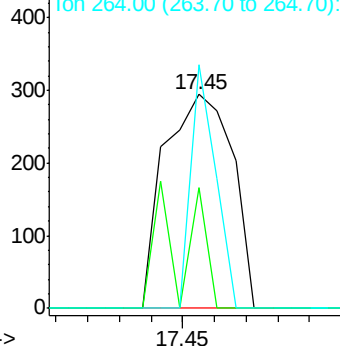
#69
 Pentachlorophenol
 Concen: 6.365 ng
 RT: 17.45 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG027732.D
 Acq: 29 Jun 2017 8:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-105D

Tgt Ion: 266 Resp: 436
 Ion Ratio Lower Upper
 266 100
 268 56.5 48.6 72.8
 264 113.9 50.1 75.1#

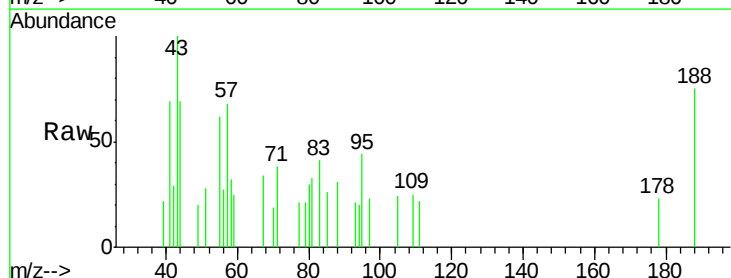


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

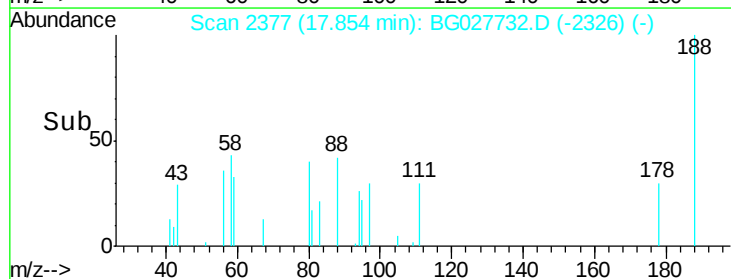
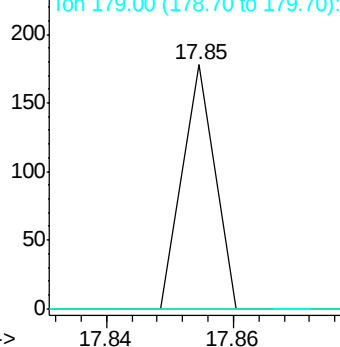


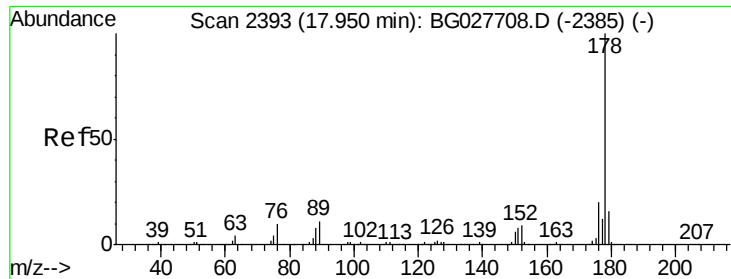
#70
 Phenanthrene
 Concen: 0.004 ng
 RT: 17.85 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG027732.D
 Acq: 29 Jun 2017 8:38

Tgt Ion: 178 Resp: 63
 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

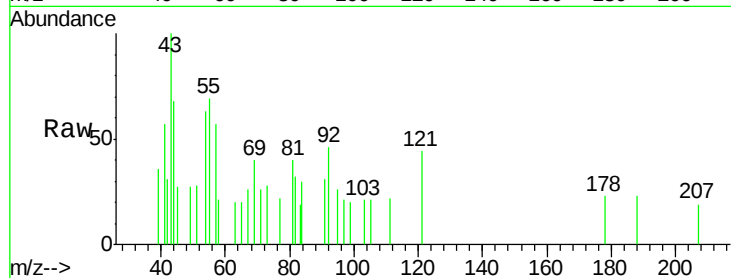




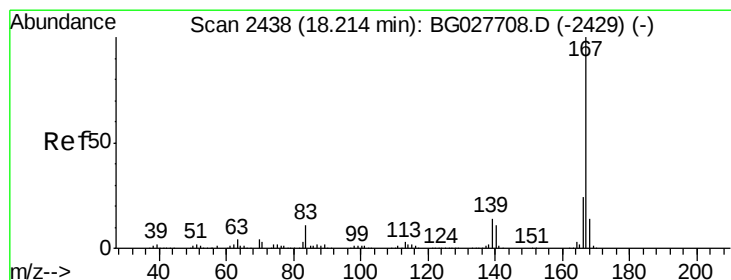
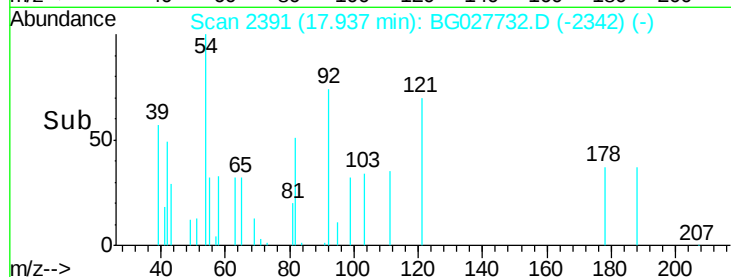
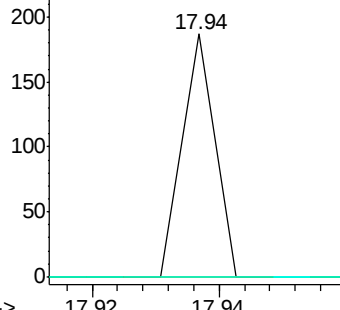
#71
 Anthracene
 Concen: 0.004 ng
 RT: 17.94 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BG027732.D
 Acq: 29 Jun 2017 8:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-105D

Tgt Ion:178 Resp: 66
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.4 24.6#
 179 0.0 13.8 20.8#

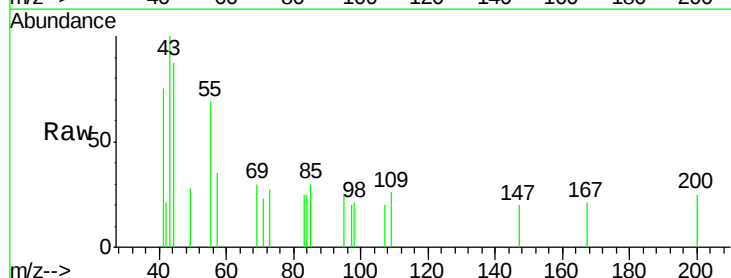


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

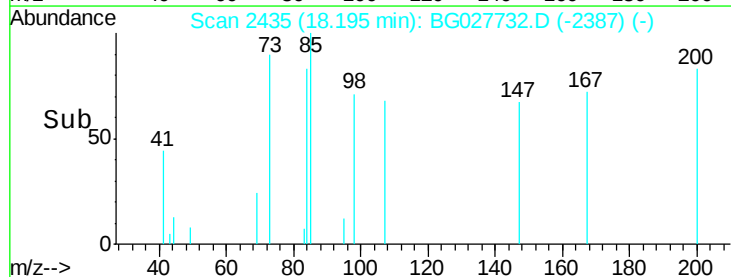
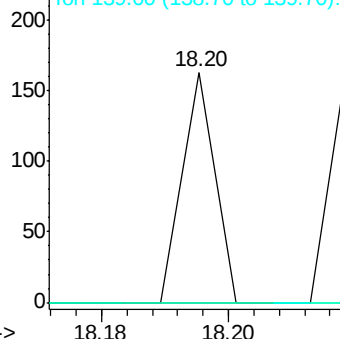


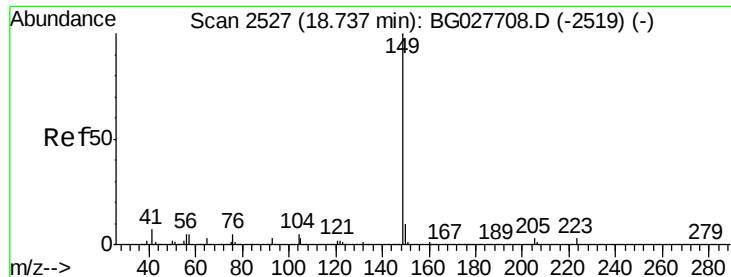
#72
 Carbazole
 Concen: 0.003 ng
 RT: 18.20 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BG027732.D
 Acq: 29 Jun 2017 8:38

Tgt Ion:167 Resp: 57
 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: 0.107 ng

RT: 18.74 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

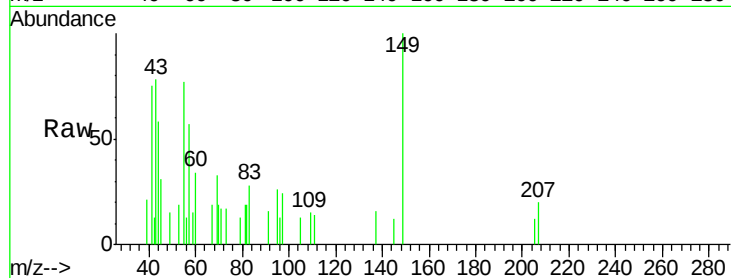
Tgt Ion:149 Resp: 1952

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

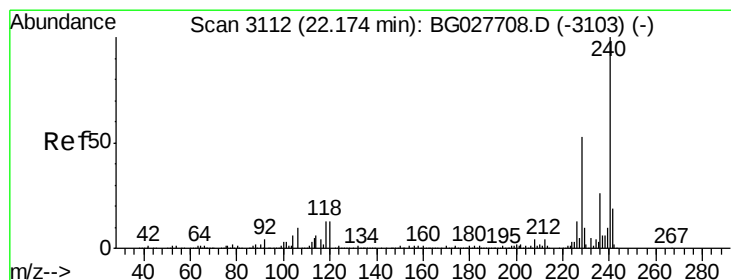
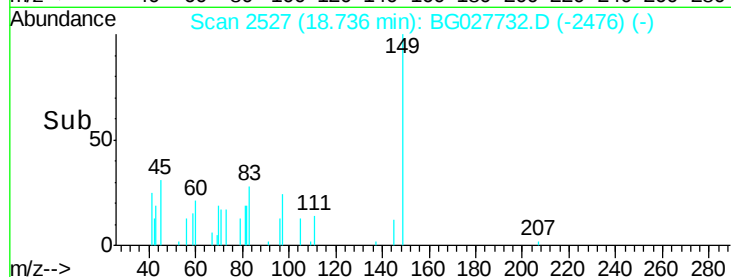
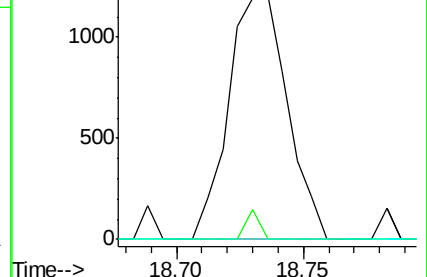
104 0.0 6.7 10.1#



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: 20.000 ng

RT: 22.17 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

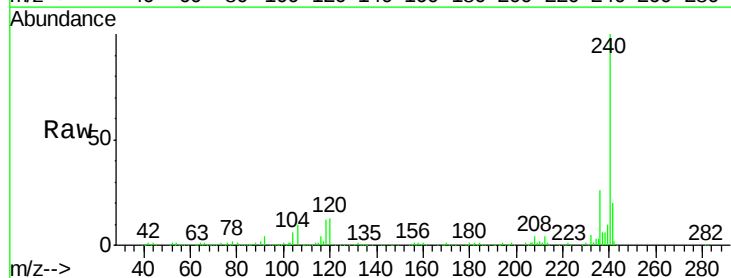
Tgt Ion:240 Resp: 306591

Ion Ratio Lower Upper

240 100

120 12.7 5.7 8.5#

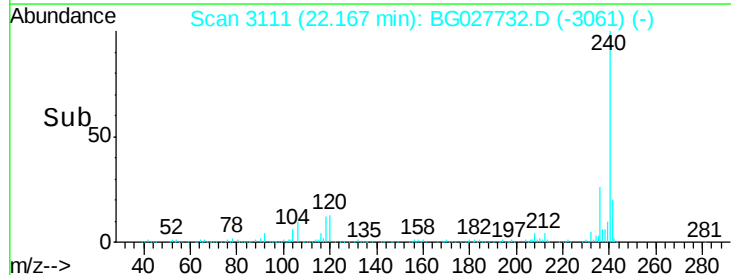
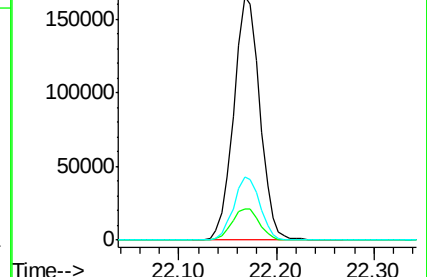
236 25.9 22.2 33.4

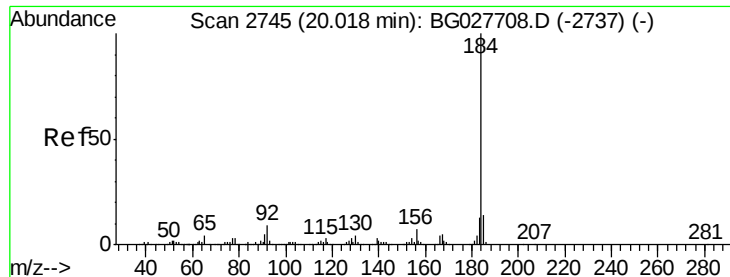


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.233 ng

RT: 19.98 min Scan# 2739

Delta R.T. -0.04 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

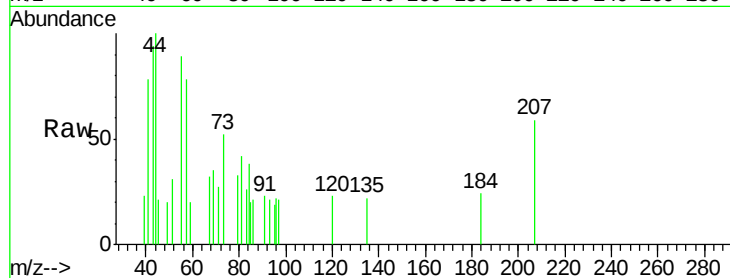
Tgt Ion:184 Resp: 123

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

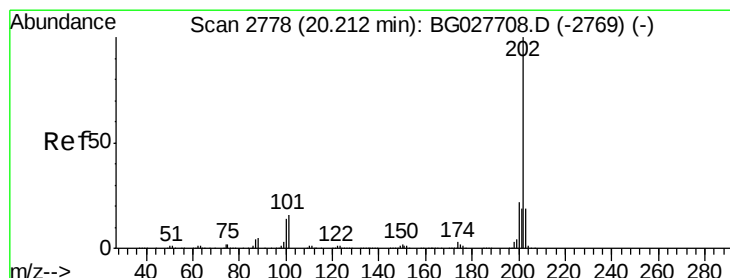
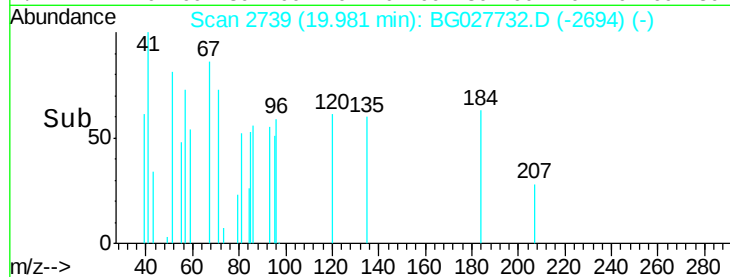
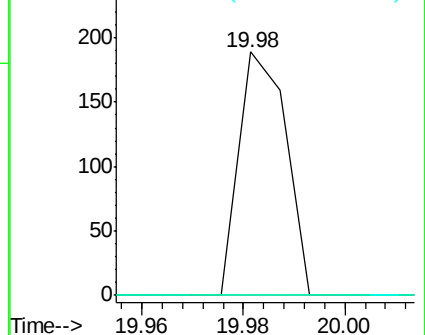
183 0.0 11.0 16.6#



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

Pyrene

Concen: 0.248 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.18 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

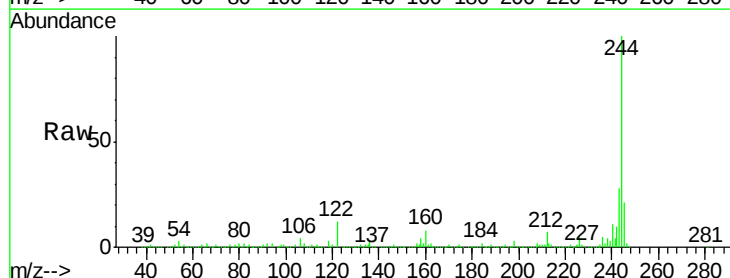
Tgt Ion:202 Resp: 4773

Ion Ratio Lower Upper

202 100

200 37.9 19.6 29.4#

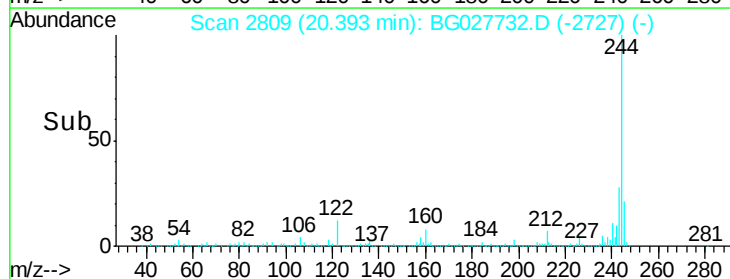
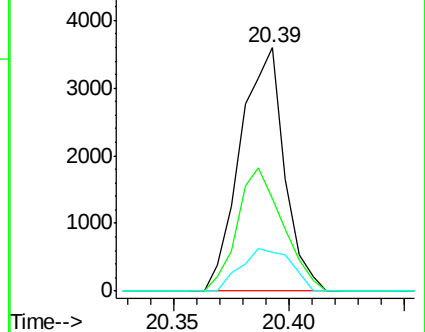
203 16.0 15.8 23.8

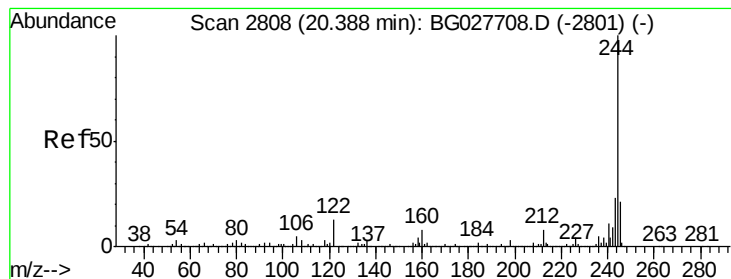


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 96.950 ng

RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

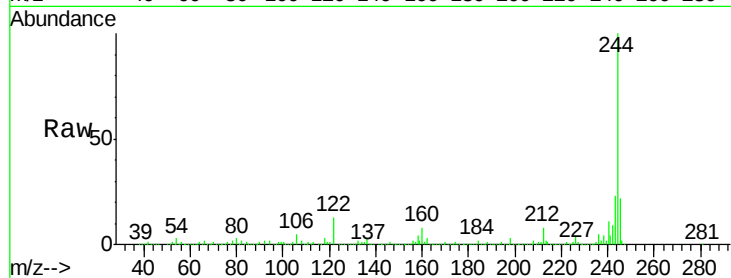
Tgt Ion:244 Resp: 1267884

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

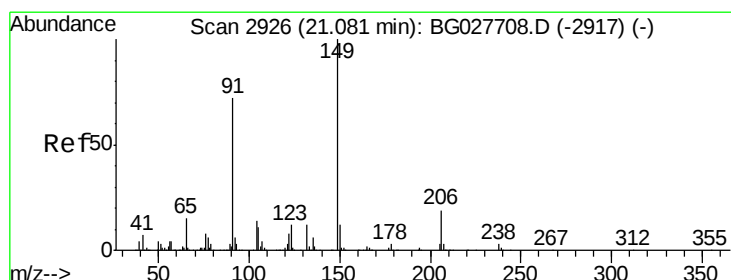
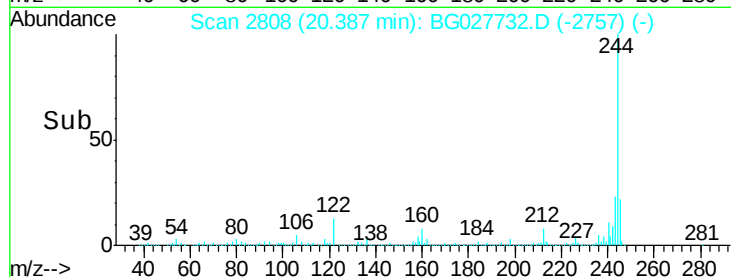
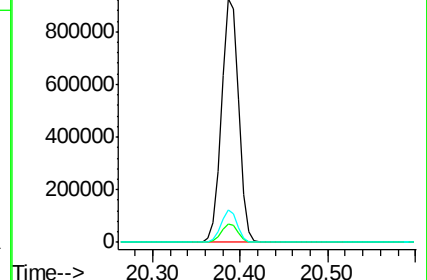
122 13.4 8.6 12.8#



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: 0.024 ng

RT: 21.09 min Scan# 2927

Delta R.T. 0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

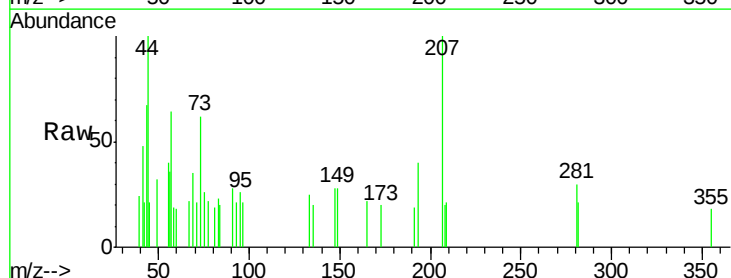
Tgt Ion:149 Resp: 204

Ion Ratio Lower Upper

149 100

91 100.0 63.5 95.3#

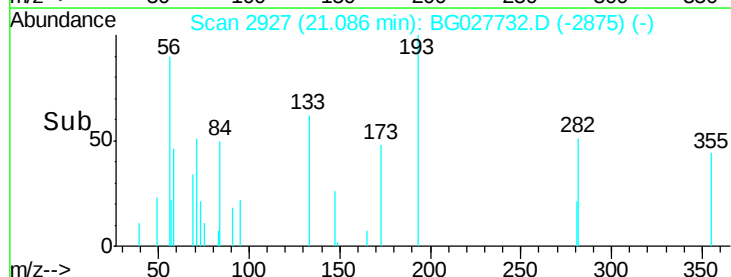
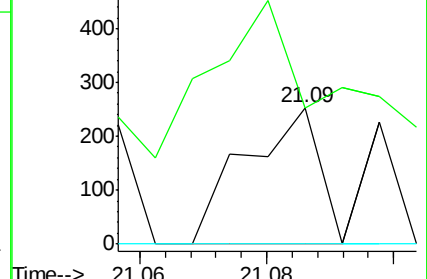
206 0.0 21.0 31.6#

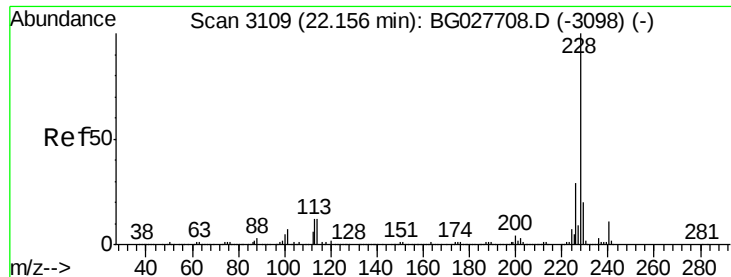


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.052 ng

RT: 22.16 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

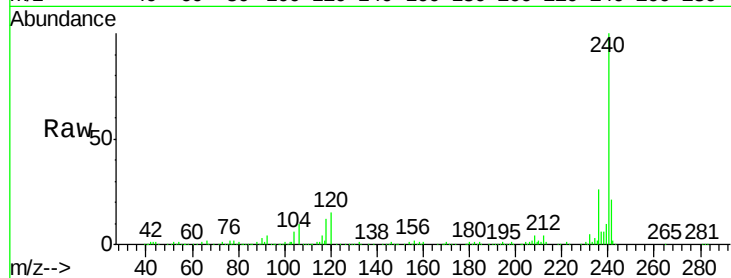
Tgt Ion:228 Resp: 965

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

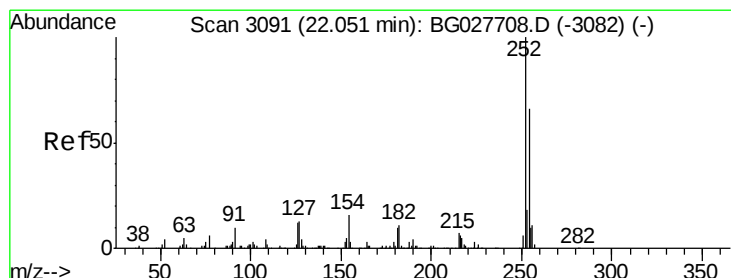
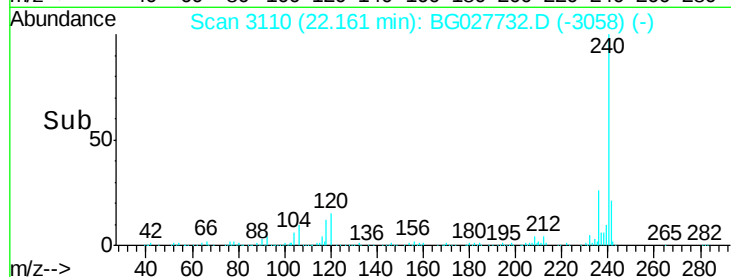
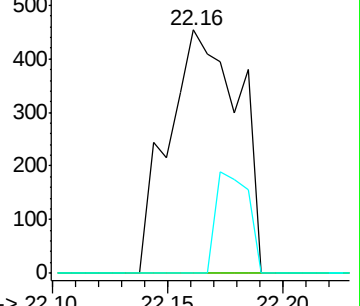
229 0.0 18.2 27.2#



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: 0.016 ng

RT: 22.04 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

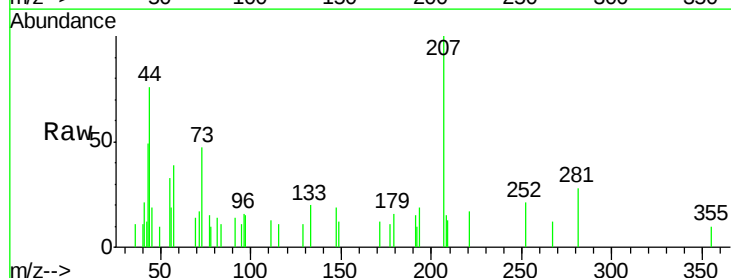
Tgt Ion:252 Resp: 107

Ion Ratio Lower Upper

252 100

254 0.0 53.1 79.7#

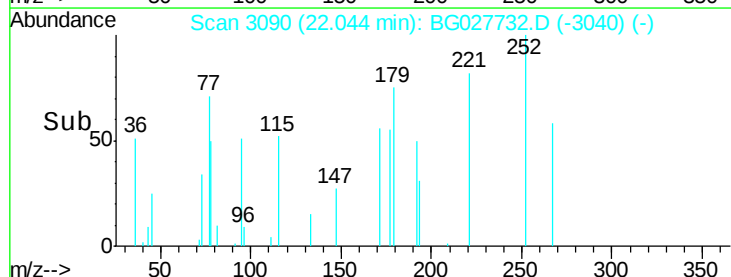
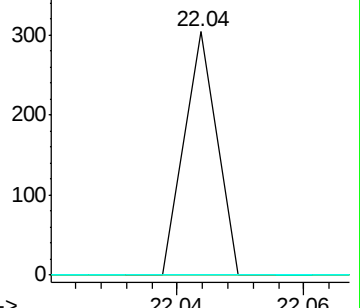
126 0.0 7.0 10.4#

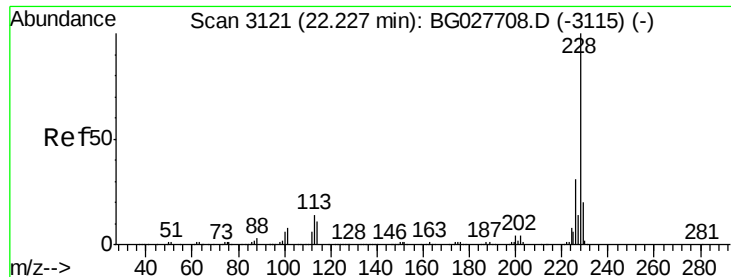


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.056 ng

RT: 22.16 min Scan# 3110

Delta R.T. -0.07 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

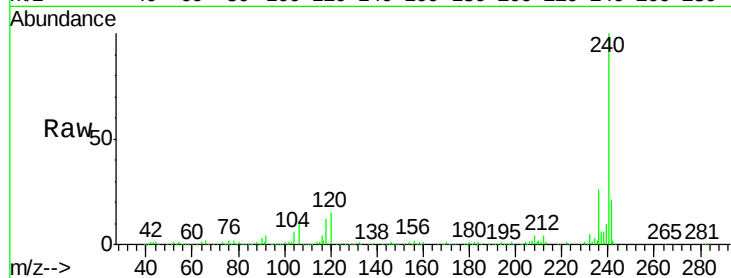
Tgt Ion:228 Resp: 965

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

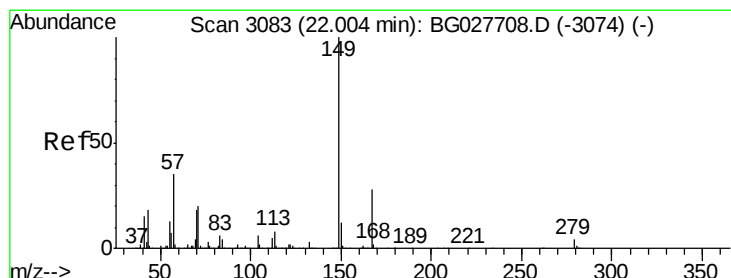
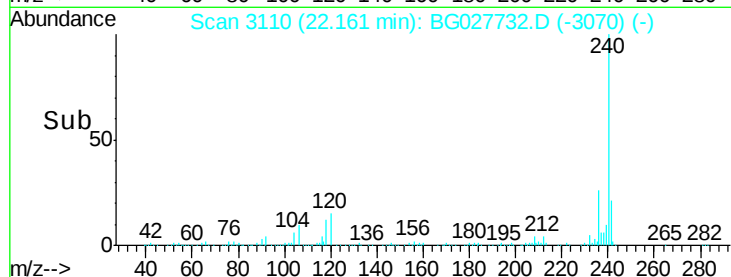
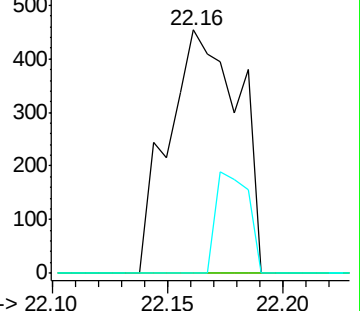
229 0.0 17.8 26.6#



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: 0.187 ng

RT: 22.00 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

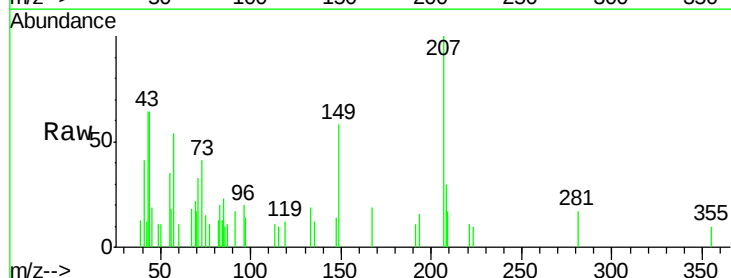
Tgt Ion:149 Resp: 2363

Ion Ratio Lower Upper

149 100

167 32.8 23.7 35.5

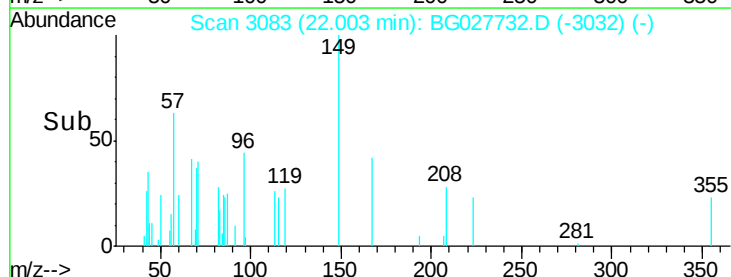
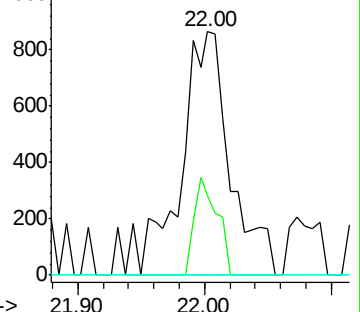
279 0.0 4.6 6.8#

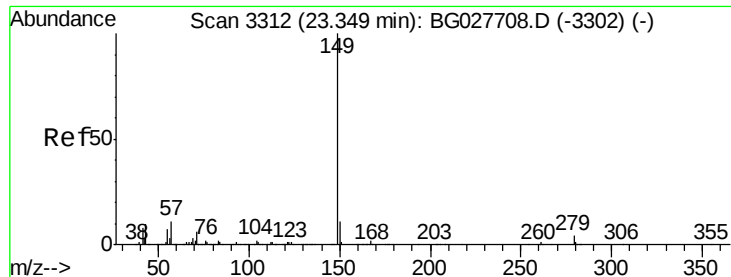


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.010 ng

RT: 23.34 min Scan# 3311

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D

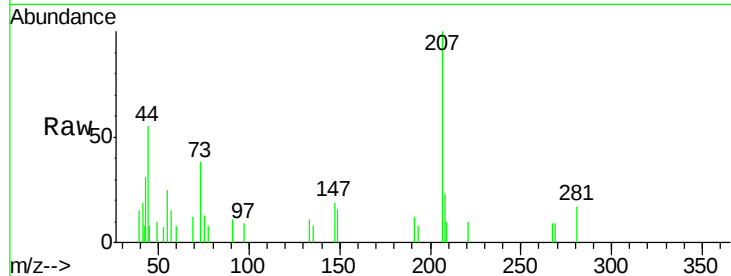
Tgt Ion:149 Resp: 218

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

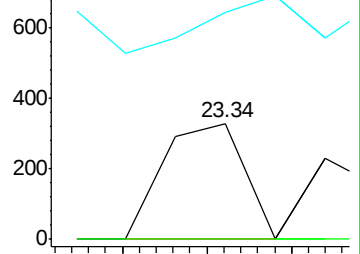
43 0.0 11.8 17.6#



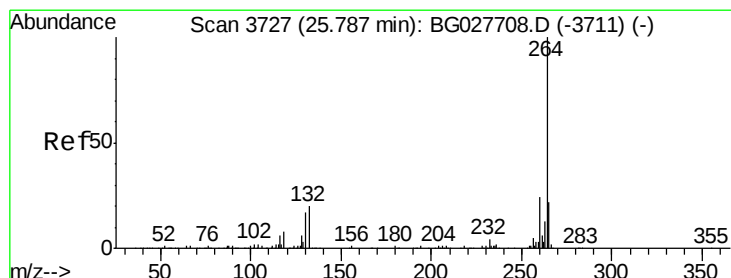
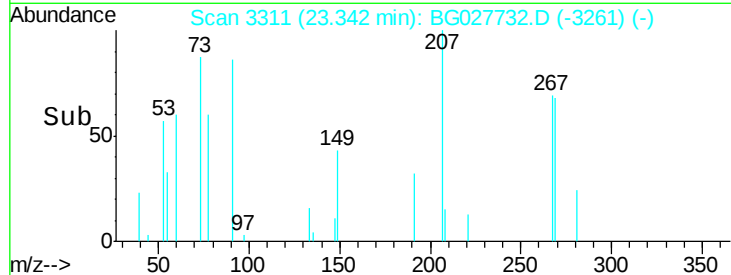
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.78 min Scan# 3726

Delta R.T. -0.01 min

Lab File: BG027732.D

Acq: 29 Jun 2017 8:38

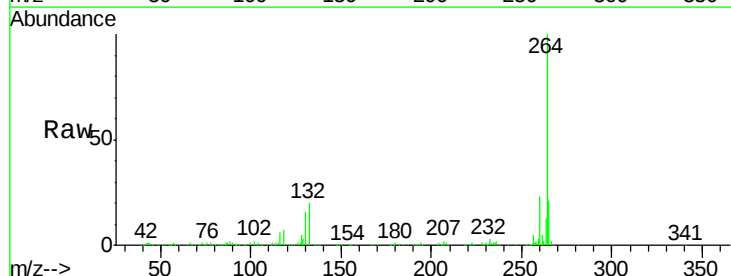
Tgt Ion:264 Resp: 300867

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

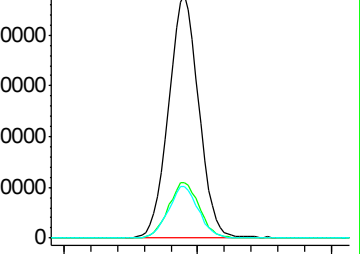
265 21.0 18.2 27.4



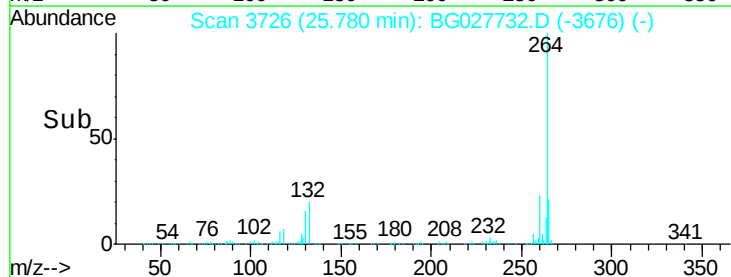
Abundance Ion 264.00 (263.70 to 264.70): E

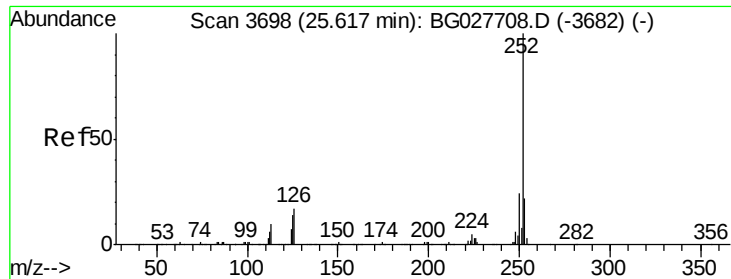
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 0.068 ng

RT: 25.79 min Scan# 3727

Delta R.T. 0.17 min

Lab File: BG027732.D

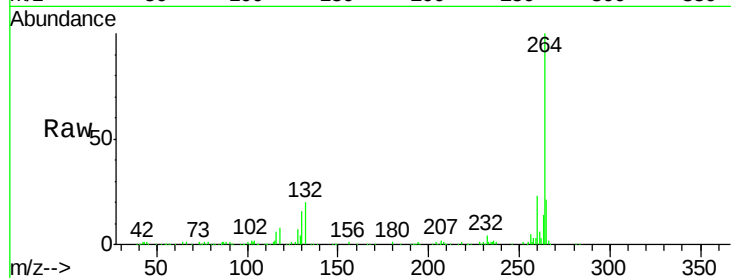
Acq: 29 Jun 2017 8:38

Instrument :

BNA_G

ClientSampleId :

MW-105D



Tgt Ion:	252	Resp:	1235
Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.2	28.8#
125	0.0	5.4	8.0#

