

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016936.D
 Acq On : 8 May 2015 00:43
 Operator : TP/IZ
 Sample : G2038-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-02

Quant Time: May 08 04:19:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:04:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	71220	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	323897	20.00	ng	0.01
38) Acenaphthene-d10	14.44	164	203344	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	422773	20.00	ng	0.00
75) Chrysene-d12	21.36	240	433896	20.00	ng	0.00
86) Perylene-d12	23.66	264	426699	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	325963	79.69	ng	0.00
7) Phenol-d6	6.96	99	294126	50.33	ng	0.00
23) Nitrobenzene-d5	8.96	82	625580	94.35	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	330382	161.84	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1187610	88.13	ng	0.00
78) Terphenyl-d14	19.81	244	1490029	80.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	10420	6.08	ng	# 1
3) Pyridine	3.69	79	73160	13.81	ng	95
4) n-Nitrosodimethylamine	3.61	42	17185	5.43	ng	# 93
6) Aniline	7.13	93	80621	9.83	ng	97
9) Benzaldehyde	6.95	77	49837	10.36	ng	# 1
10) Phenol	6.99	94	224659	35.85	ng	97
11) bis(2-Chloroethyl)ether	7.23	93	15335	3.17	ng	91
15) Benzyl Alcohol	8.04	79	62156	11.65	ng	96
17) 2-Methylphenol	8.24	107	159549	36.16	ng	97
18) Hexachloroethane	8.90	117	50869	23.38	ng	# 1
19) n-Nitroso-di-n-propylamine	8.60	70	14717	2.87	ng	93
20) 3+4-Methylphenols	8.56	107	26899	4.42	ng	98
22) Acetophenone	8.62	105	55625	7.21	ng	96
24) Nitrobenzene	8.99	77	21809	3.26	ng	# 81
25) Isophorone	9.52	82	31012	2.32	ng	99
27) 2,4-Dimethylphenol	9.77	122	70372	14.26	ng	92
28) bis(2-Chloroethoxy)methane	10.01	93	21299	3.15	ng	# 1
31) Naphthalene	10.68	128	8346518	518.10	ng	# 16
32) Benzoic acid	9.77	122	70372	27.63	ng	# 11
33) 4-Chloroaniline	10.68	127	2814140	378.24	ng	# 31
37) 2-Methylnaphthalene	12.26	142	1340563	109.25	ng	96
45) 1,1'-Biphenyl	13.27	154	265061	18.21	ng	96
47) 2-Nitroaniline	13.51	65	35548	8.86	ng	# 78
48) Acenaphthylene	14.16	152	1074174	53.49	ng	98
49) Dimethylphthalate	13.89	163	52058	3.43	ng	# 87
51) Acenaphthene	14.50	154	435881	36.47	ng	94
52) 3-Nitroaniline	14.34	138	14368	4.01	ng	# 88
54) Dibenzofuran	14.83	168	71934	4.24	ng	95
56) 2,4-Dinitrotoluene	14.80	165	10413	2.58	ng	# 81
57) Fluorene	15.48	166	267005	17.77	ng	98
59) Diethylphthalate	15.26	149	34041	2.12	ng	92
61) 4-Nitroaniline	15.50	138	22483	5.41	ng	83
62) Azobenzene	15.77	77	35766	2.15	ng	89
65) n-Nitrosodiphenylamine	15.70	169	26540	2.06	ng	95

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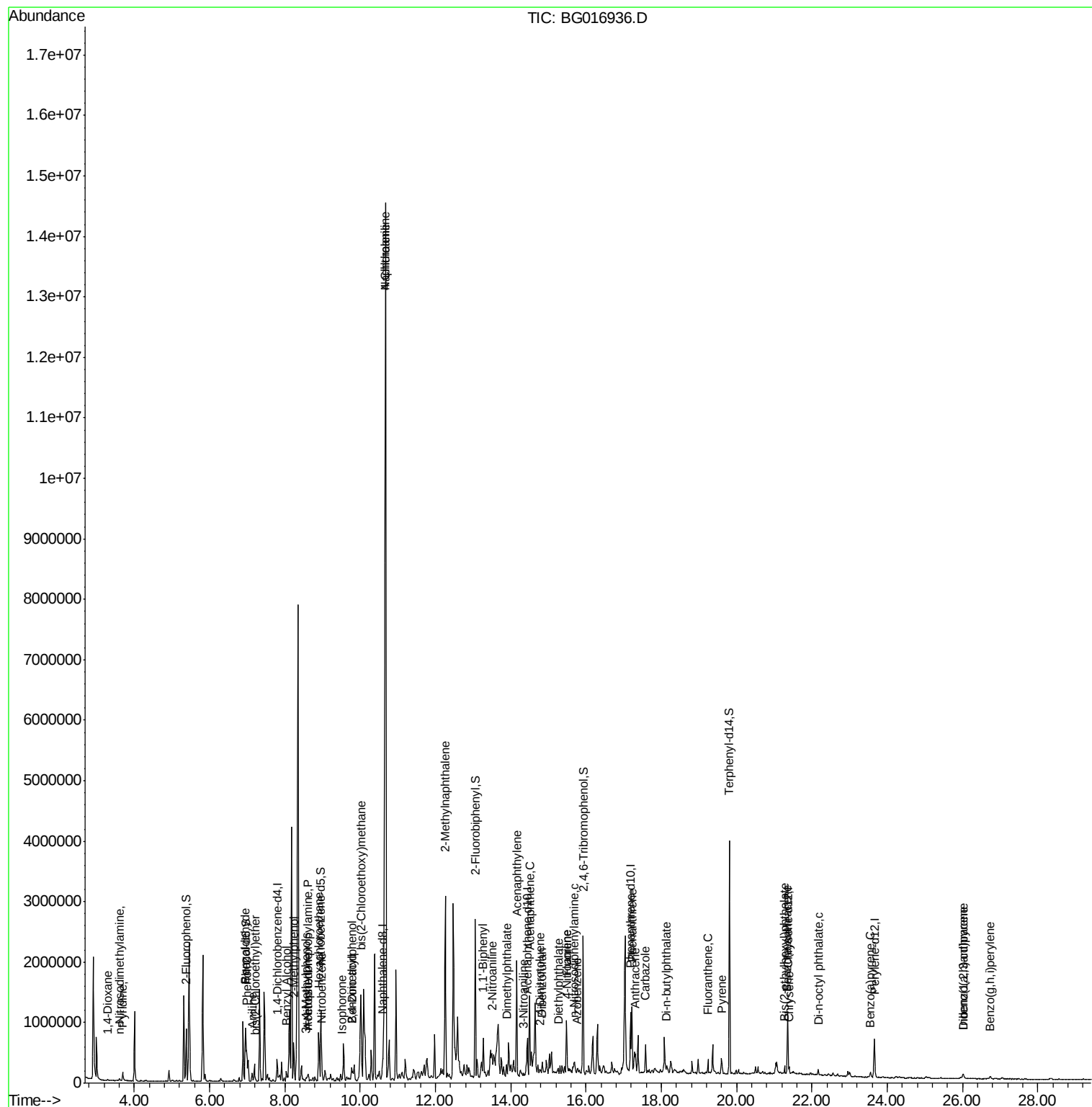
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	17.22	178	507046	23.31	ng	97
71) Anthracene	17.31	178	139540	6.36	ng	99
72) Carbazole	17.58	167	258653	12.40	ng	98
73) Di-n-butylphthalate	18.15	149	55106	2.04	ng	# 91
74) Fluoranthene	19.24	202	113419	4.49	ng	99
77) Pyrene	19.60	202	139566	5.45	ng	98
80) Benzo(a)anthracene	21.34	228	51661	2.22	ng	97
82) Chrysene	21.39	228	48178	2.21	ng	96
83) Bis(2-ethylhexyl)phthalate	21.28	149	37103	2.23	ng	99
84) Di-n-octyl phthalate	22.17	149	58211	2.08	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.02	276	56269	2.17	ng	# 100
89) Benzo(a)pyrene	23.56	252	45737	2.06	ng	97
90) Dibenzo(a,h)anthracene	26.02	278	45938	2.03	ng	98
91) Benzo(g,h,i)perylene	26.73	276	45119	2.09	ng	93

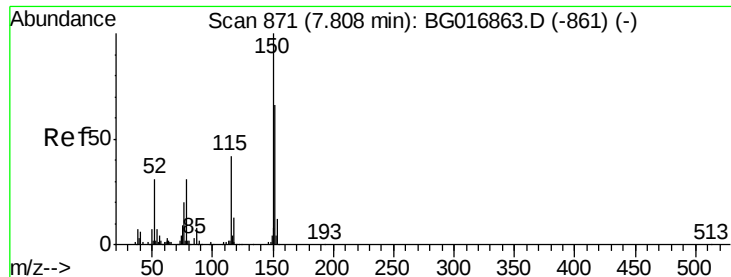
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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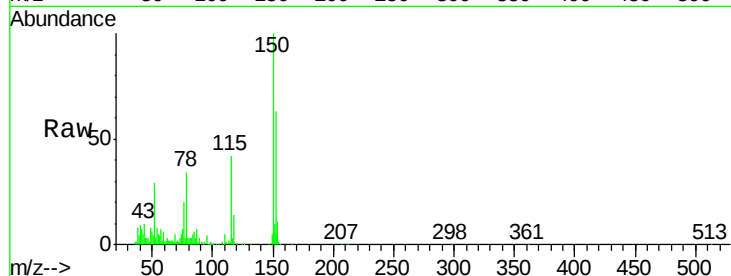


#1

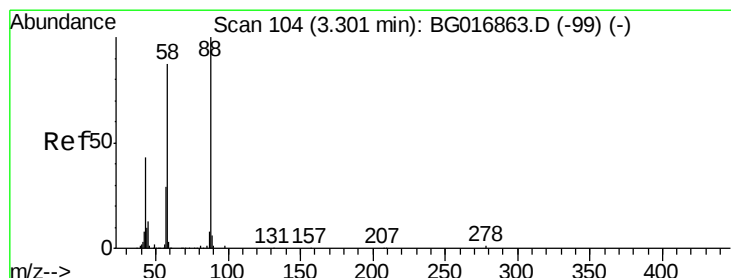
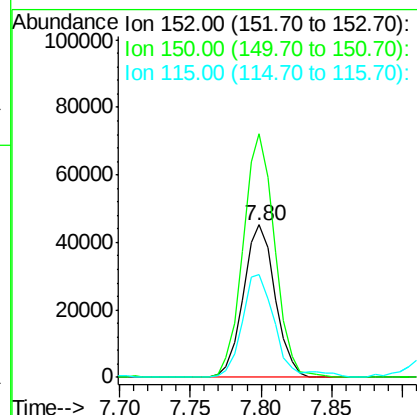
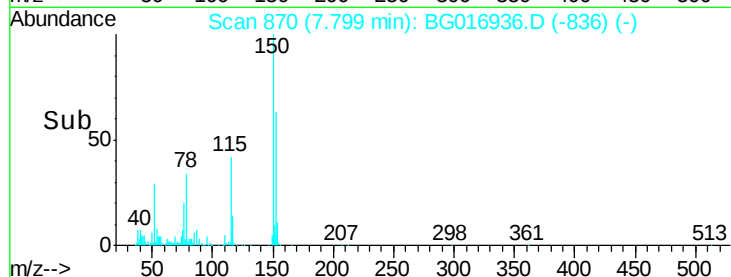
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	121.0	181.4
115	67.2	50.5	75.7



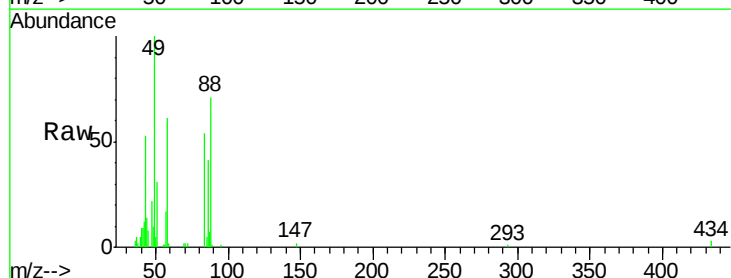
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



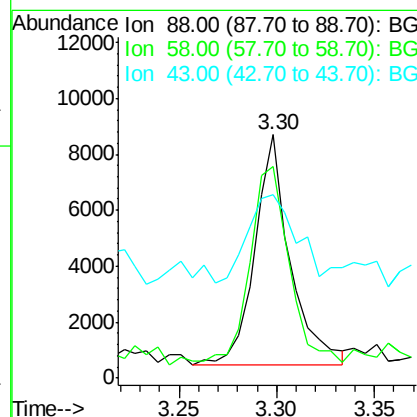
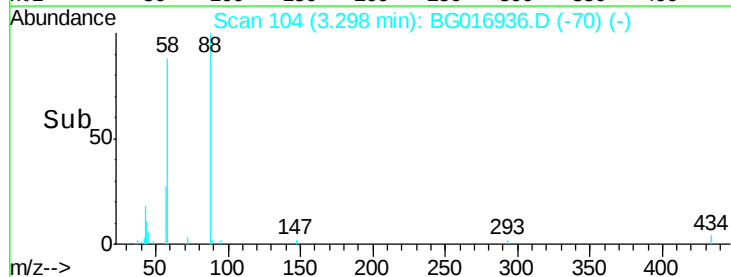
#2

1,4-Dioxane
Concen: 6.08 ng
RT: 3.30 min Scan# 104
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.9	0.1	0.1#
43	54.9	1.3	1.9#



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: 13.81 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

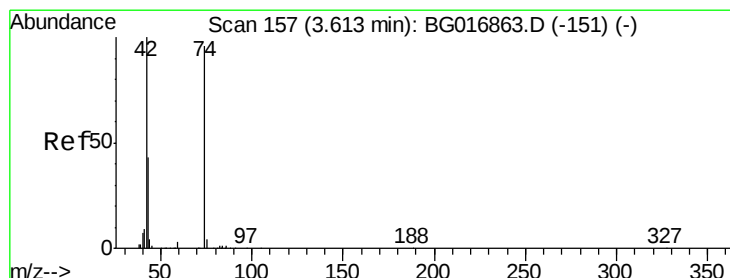
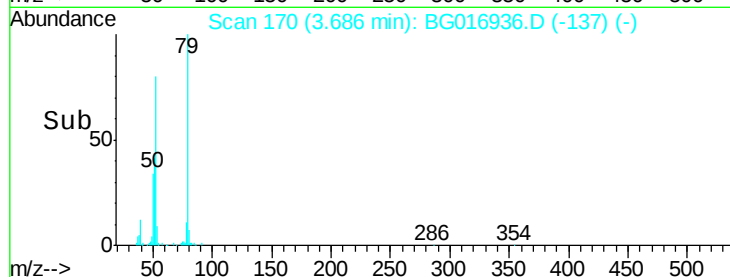
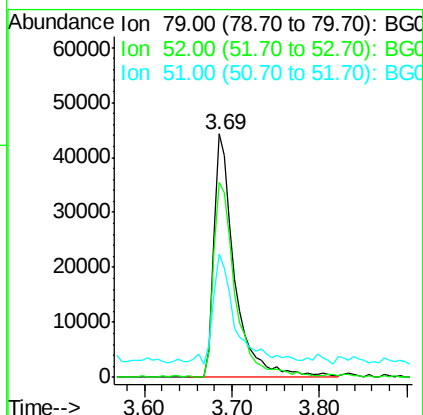
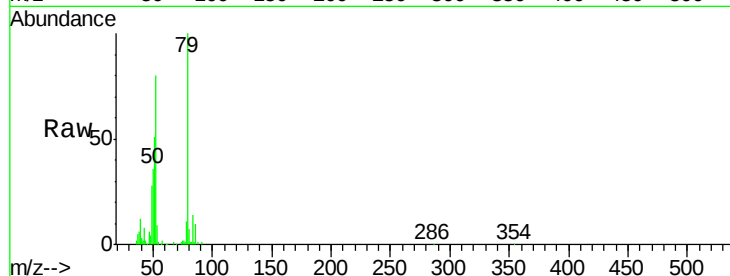
Tgt Ion: 79 Resp: 73160

Ion Ratio Lower Upper

79 100

52 80.3 68.5 102.7

51 50.5 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 5.43 ng

RT: 3.61 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

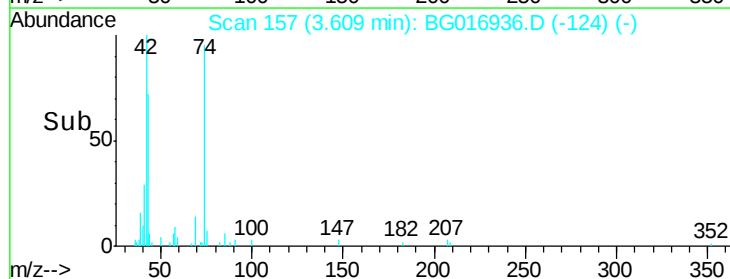
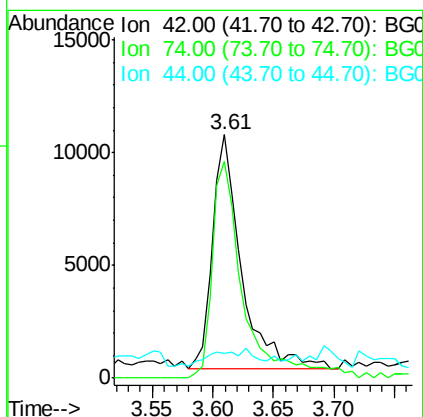
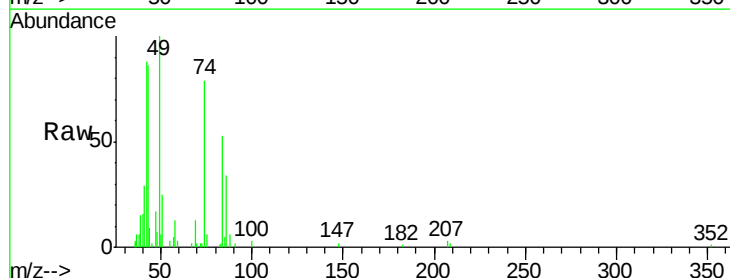
Tgt Ion: 42 Resp: 17185

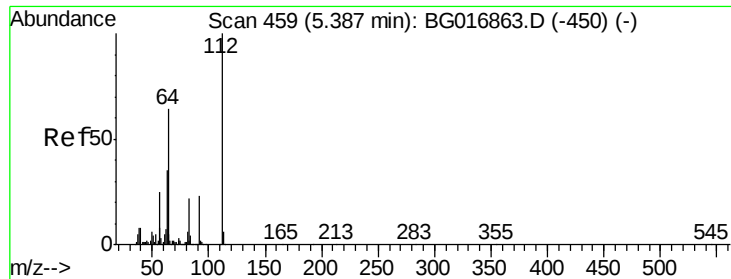
Ion Ratio Lower Upper

42 100

74 89.1 76.2 114.2

44 10.4 4.9 7.3#





#5

2-Fluorophenol

Concen: 79.69 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

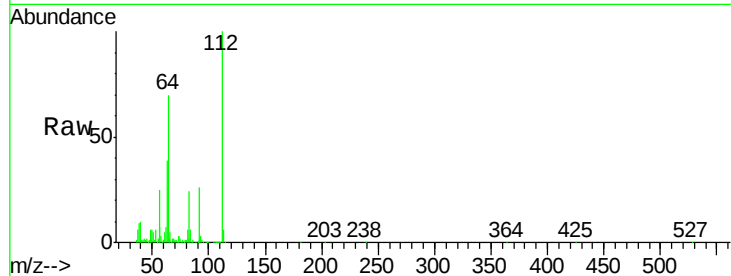
Tgt Ion: 112 Resp: 325963

Ion Ratio Lower Upper

112 100

64 69.5 51.4 77.2

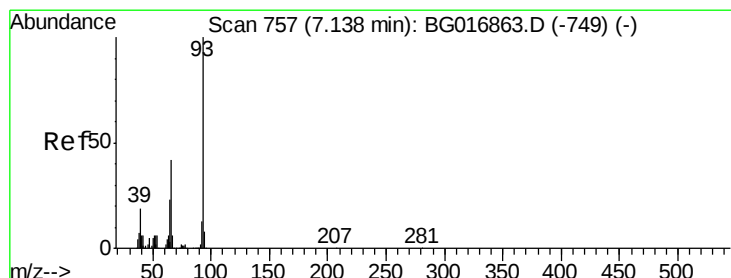
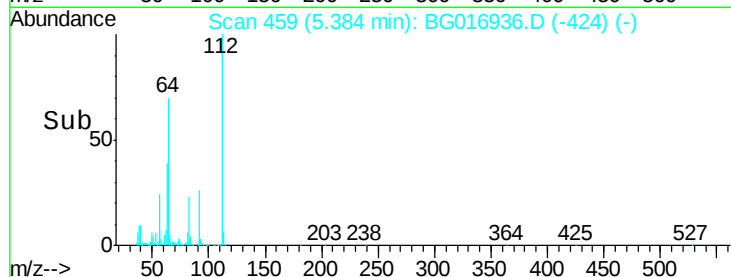
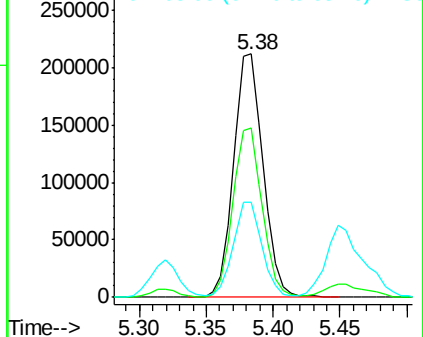
63 39.0 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 9.83 ng

RT: 7.13 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

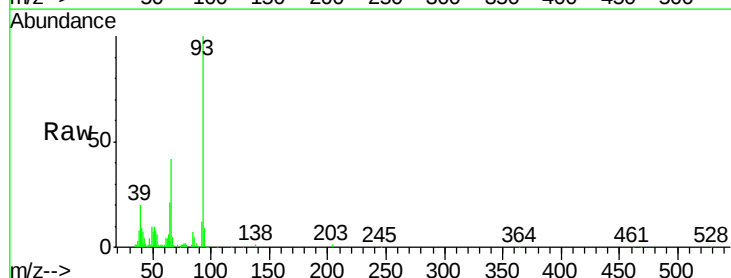
Tgt Ion: 93 Resp: 80621

Ion Ratio Lower Upper

93 100

66 41.6 33.8 50.6

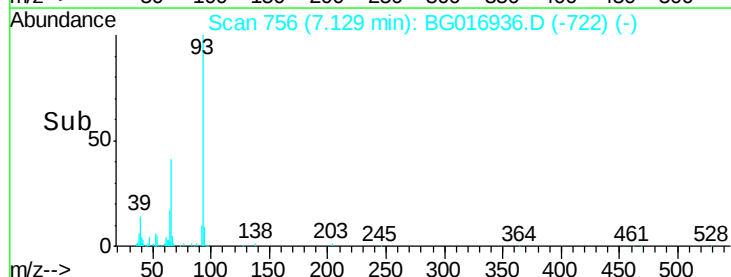
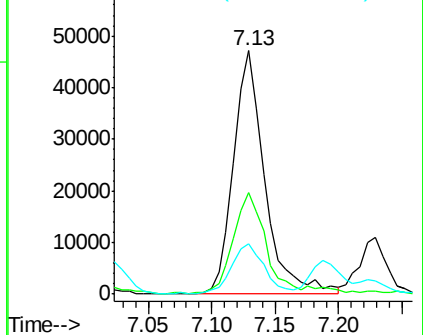
65 20.6 18.7 28.1

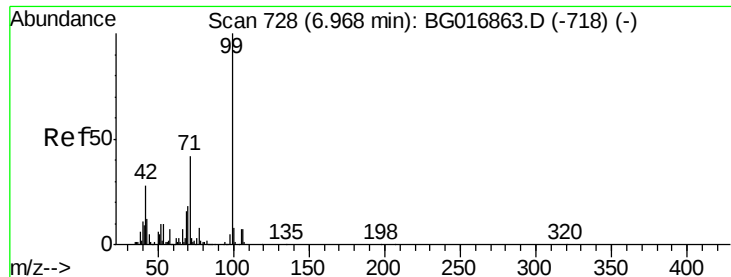


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 50.33 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

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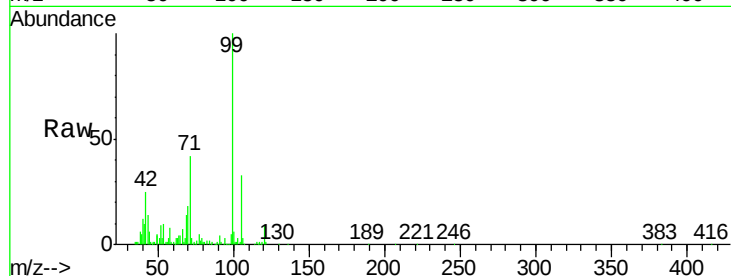
Tgt Ion: 99 Resp: 294126

Ion Ratio Lower Upper

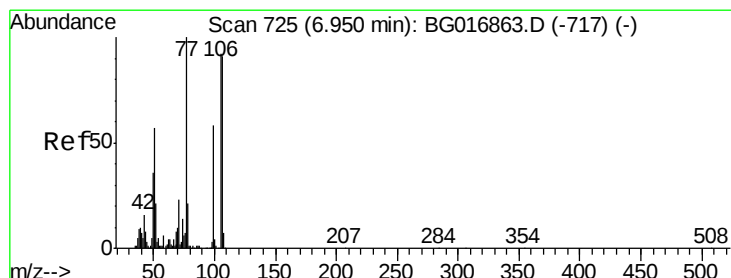
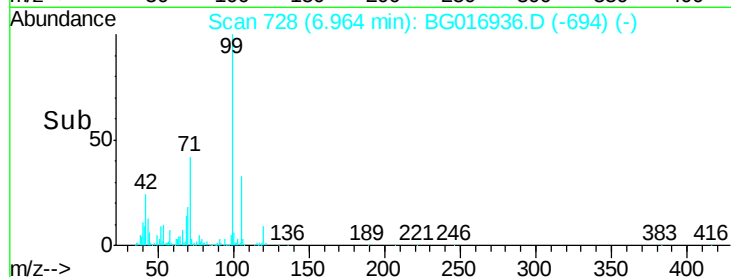
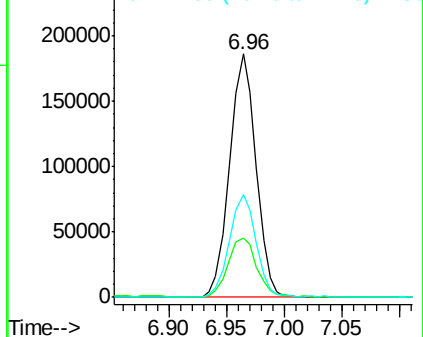
99 100

42 24.6 22.1 33.1

71 42.2 33.4 50.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 10.36 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

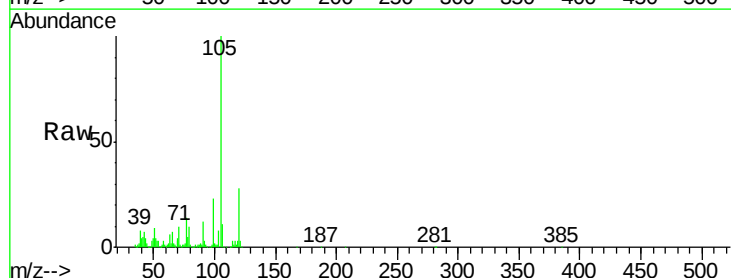
Tgt Ion: 77 Resp: 49837

Ion Ratio Lower Upper

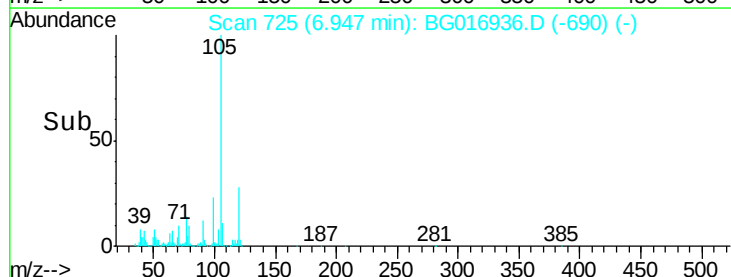
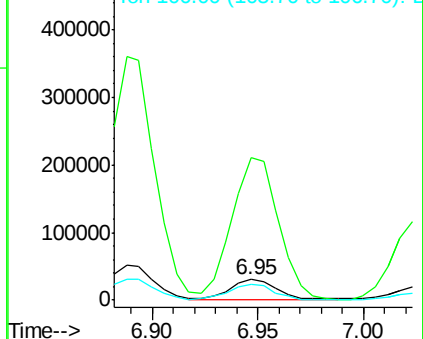
77 100

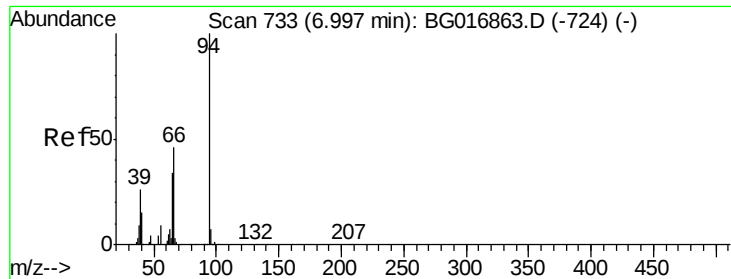
105 690.1 71.6 111.6#

106 77.7 71.5 111.5



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: 35.85 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016936.D

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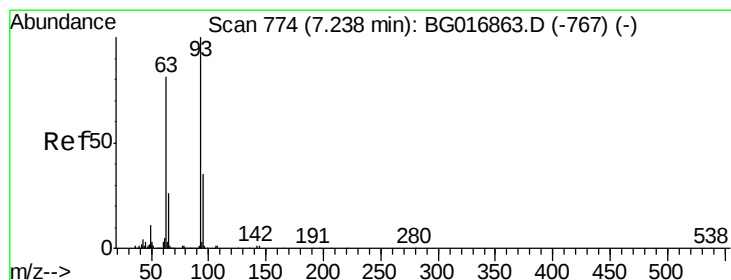
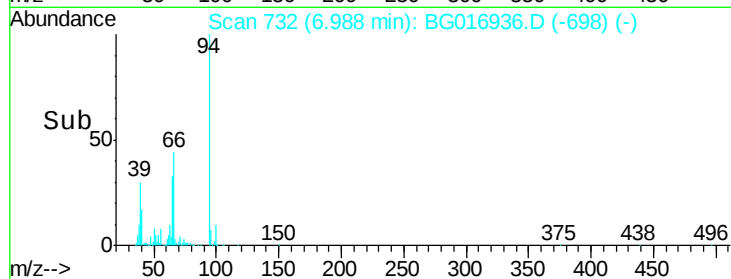
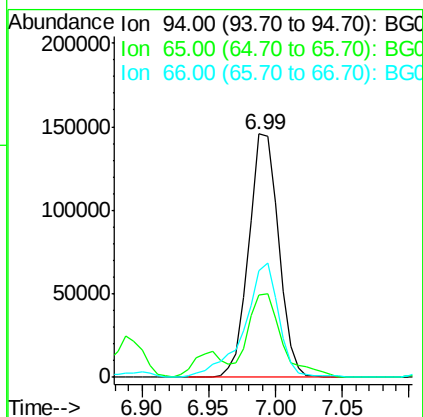
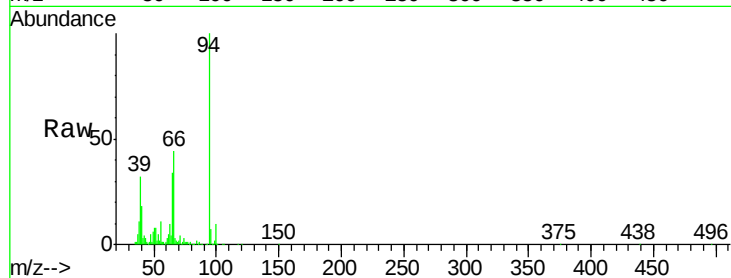
Tgt Ion: 94 Resp: 224659

Ion Ratio Lower Upper

94 100

65 34.0 14.3 54.3

66 43.9 26.9 66.9



#11

bis(2-Chloroethyl)ether

Concen: 3.17 ng

RT: 7.23 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

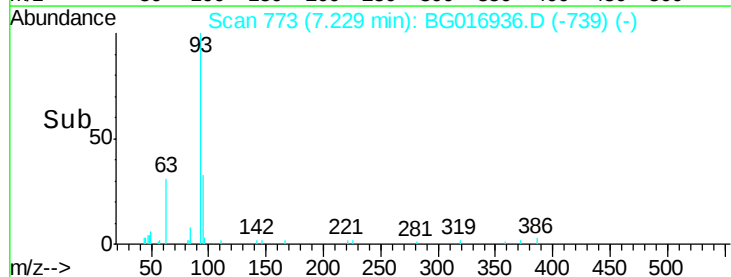
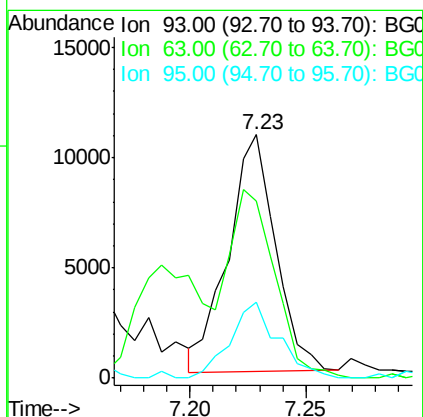
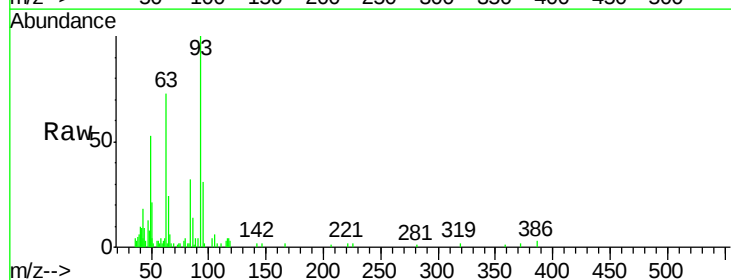
Tgt Ion: 93 Resp: 15335

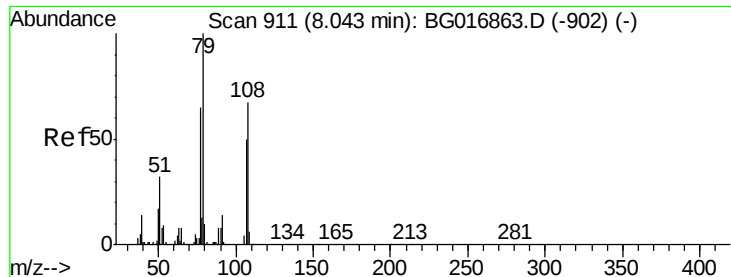
Ion Ratio Lower Upper

93 100

63 72.7 61.2 101.2

95 31.4 15.0 55.0





#15

Benzyl Alcohol

Concen: 11.65 ng

RT: 8.04 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

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BNA_G

ClientSampleId :

DBMW-02

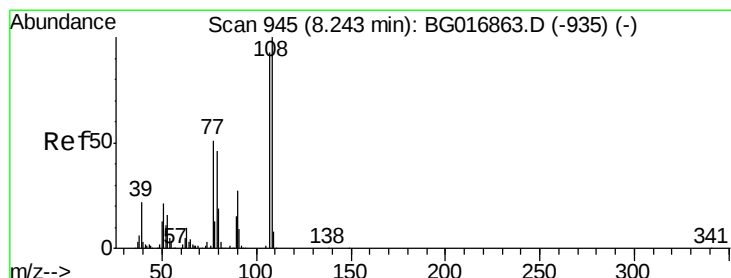
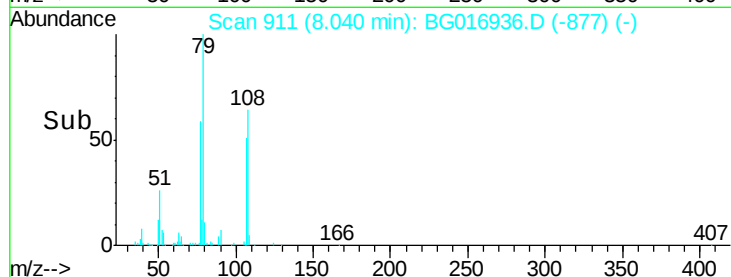
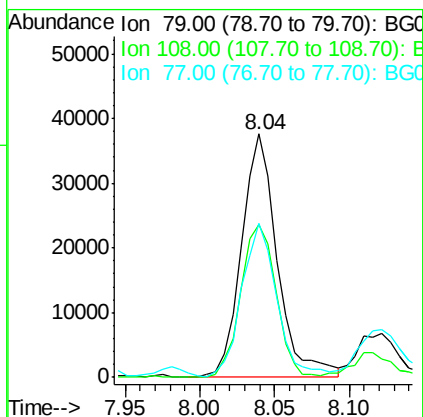
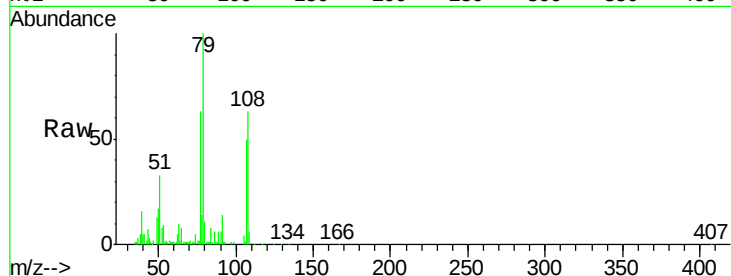
Tgt Ion: 79 Resp: 62156

Ion Ratio Lower Upper

79 100

108 62.8 53.4 80.2

77 63.1 52.2 78.2



#17

2-Methylphenol

Concen: 36.16 ng

RT: 8.24 min Scan# 945

Delta R.T. 0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion: 107 Resp: 159549

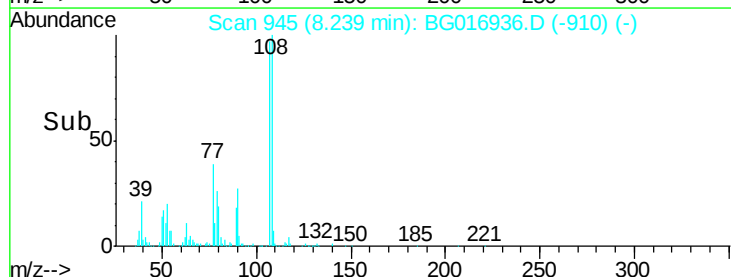
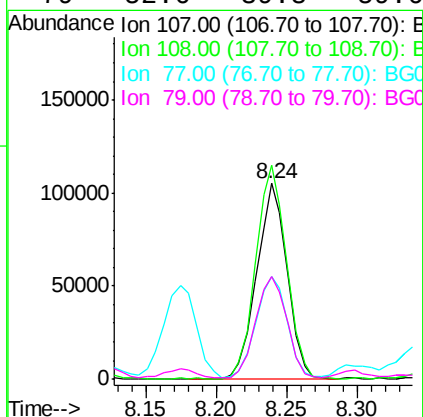
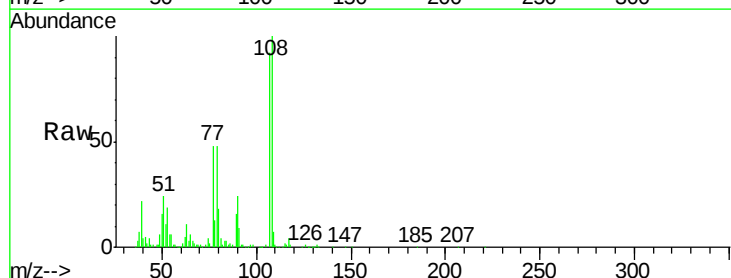
Ion Ratio Lower Upper

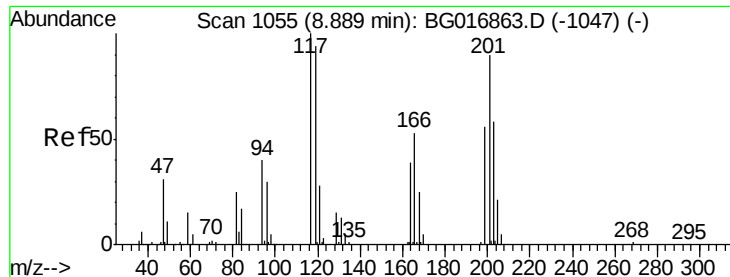
107 100

108 109.2 85.9 128.9

77 52.3 43.8 65.6

79 52.6 39.8 59.6





#18

Hexachloroethane

Concen: 23.38 ng

RT: 8.90 min Scan# 1057

Delta R.T. 0.02 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

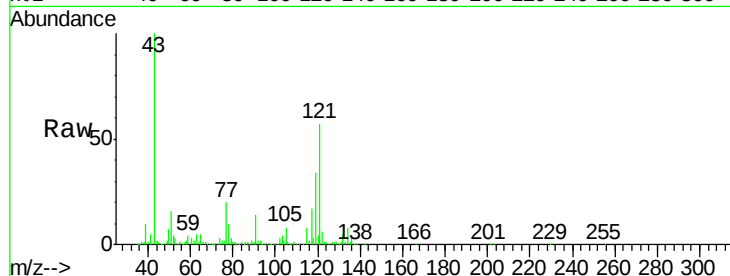
Tgt Ion:117 Resp: 50869

Ion Ratio Lower Upper

117 100

119 205.8 74.8 112.2#

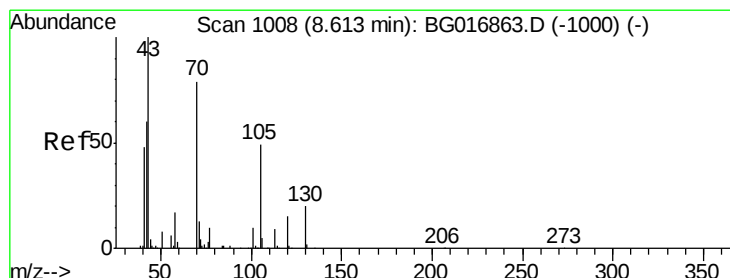
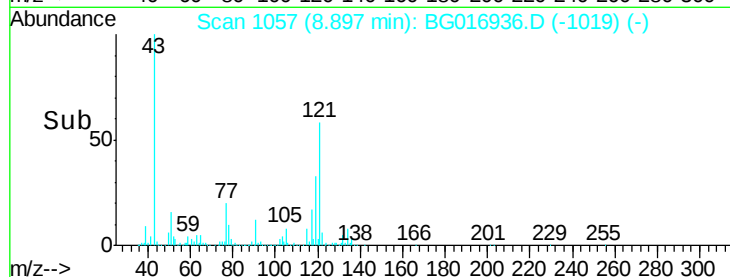
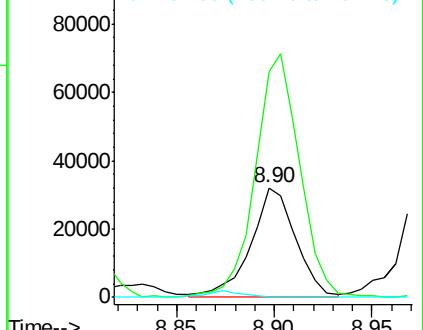
201 0.8 72.1 108.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 2.87 ng

RT: 8.60 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion: 70 Resp: 14717

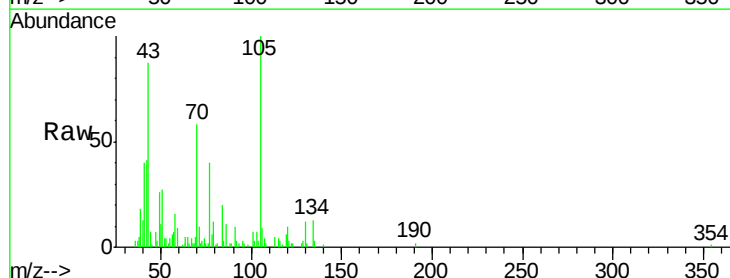
Ion Ratio Lower Upper

70 100

42 70.7 61.5 92.3

101 12.7 9.8 14.6

130 21.1 20.2 30.4

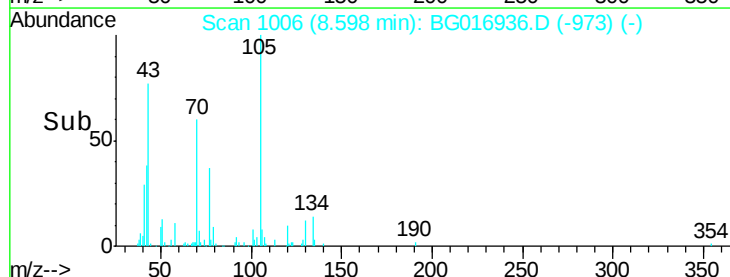
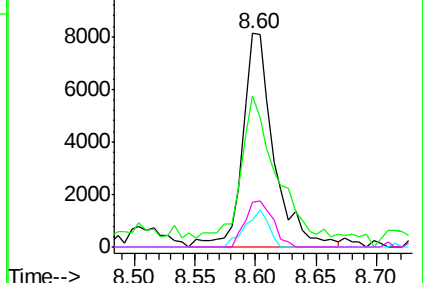


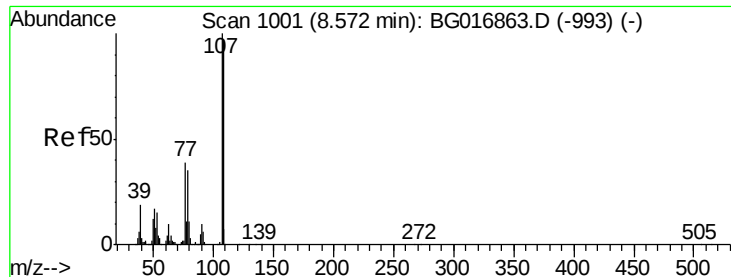
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#20

3+4-Methylphenols

Concen: 4.42 ng

RT: 8.56 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

Tgt Ion:107 Resp: 26899

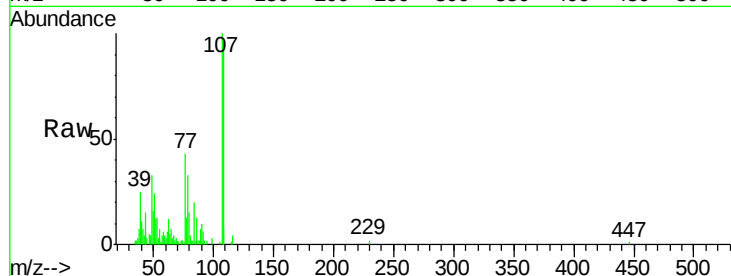
Ion Ratio Lower Upper

107 100

108 95.9 76.6 116.6

77 42.9 19.0 59.0

79 33.3 15.0 55.0

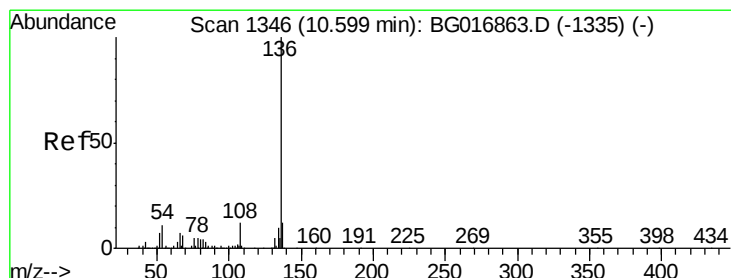
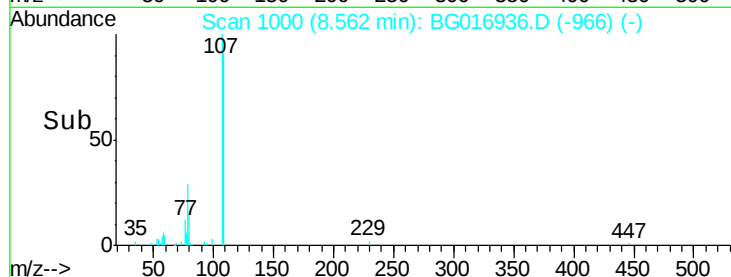
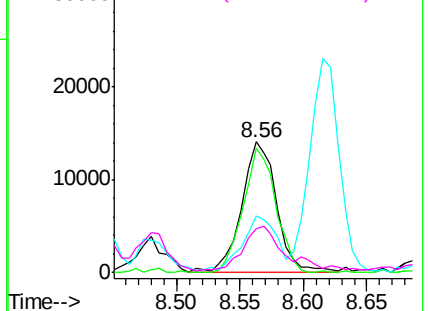


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

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: 10.60 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Tgt Ion:136 Resp: 323897

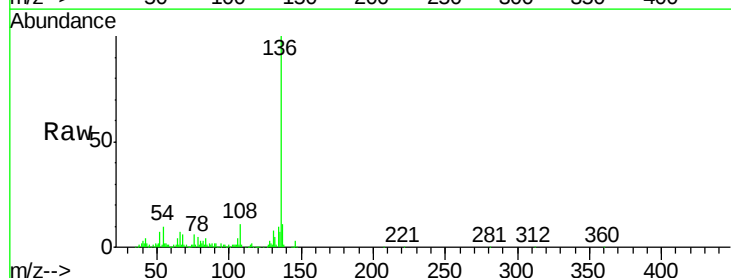
Ion Ratio Lower Upper

136 100

137 10.6 9.8 14.8

54 10.3 8.7 13.1

68 6.2 5.0 7.4

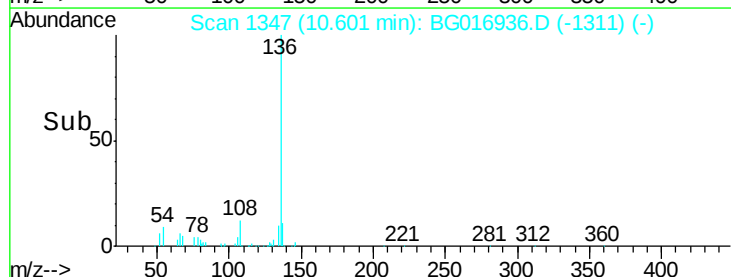
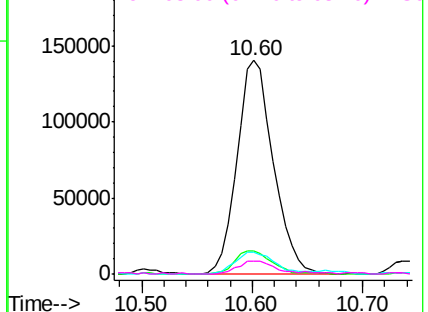


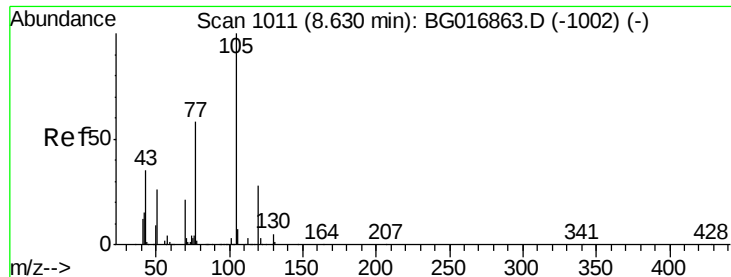
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 7.21 ng

RT: 8.62 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

Tgt Ion: 105 Resp: 55625

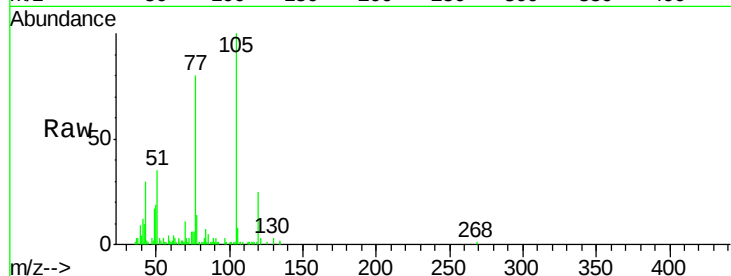
Ion Ratio Lower Upper

105 100

71 3.4 2.8 4.2

51 34.5 29.4 44.2

120 25.1 22.2 33.4

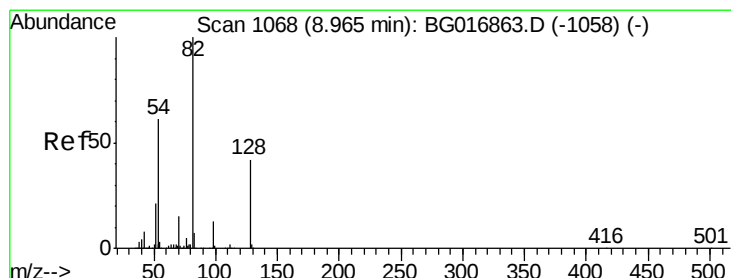
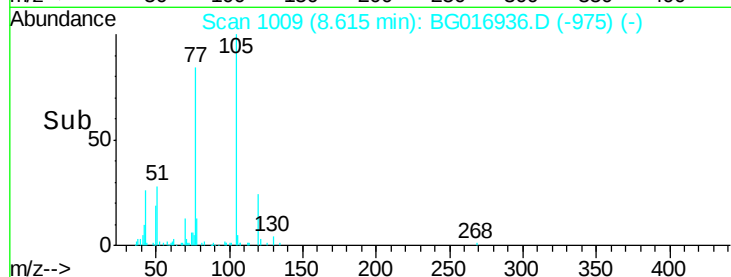
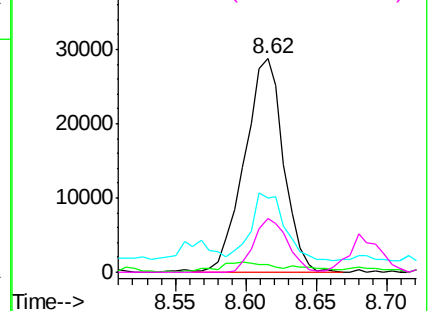


Abundance Ion 105.00 (104.70 to 105.70): B

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): B



#23

Nitrobenzene-d5

Concen: 94.35 ng

RT: 8.96 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

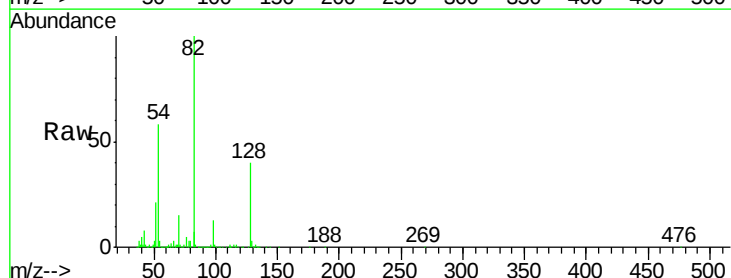
Tgt Ion: 82 Resp: 625580

Ion Ratio Lower Upper

82 100

128 40.1 33.2 49.8

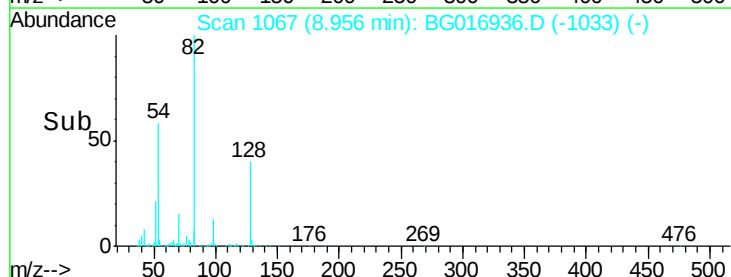
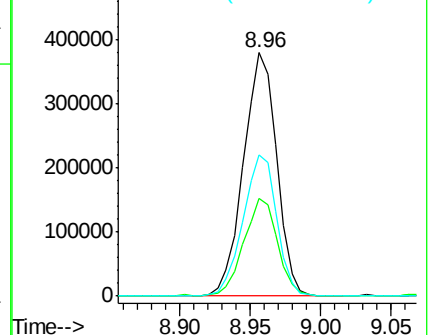
54 58.2 48.6 72.8

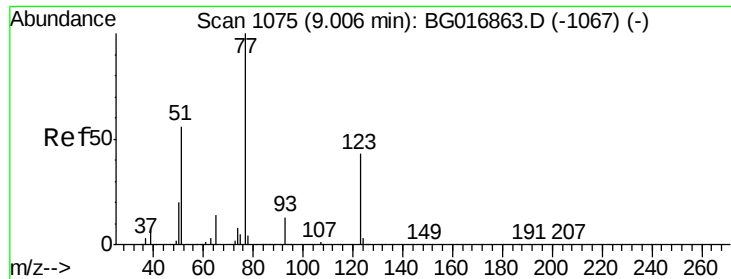


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BGC

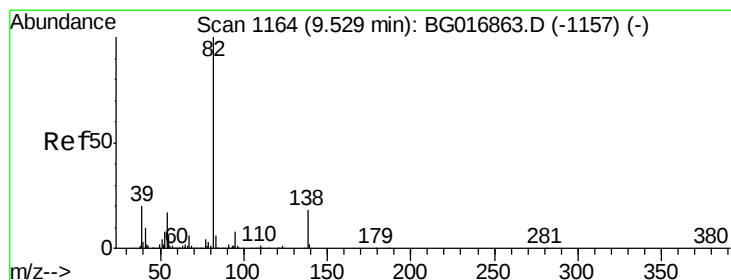
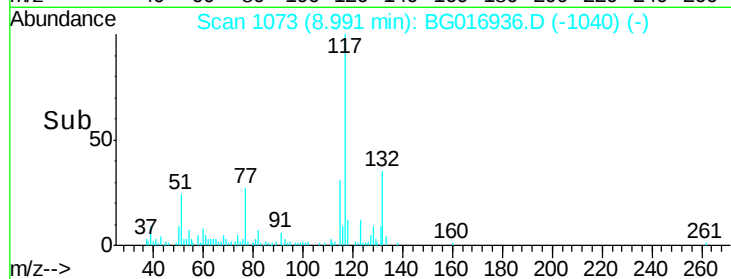
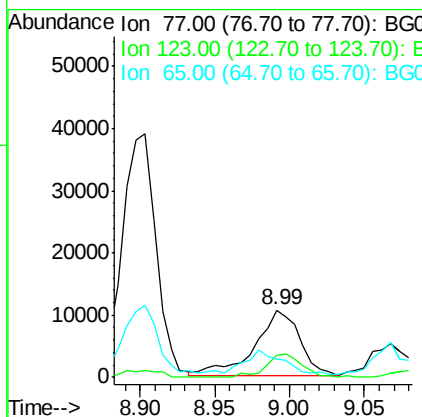
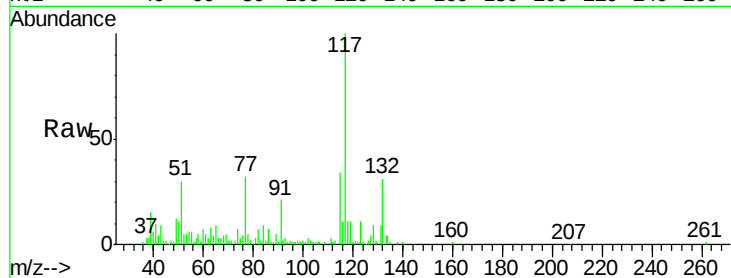




#24
 Nitrobenzene
 Concen: 3.26 ng
 RT: 8.99 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

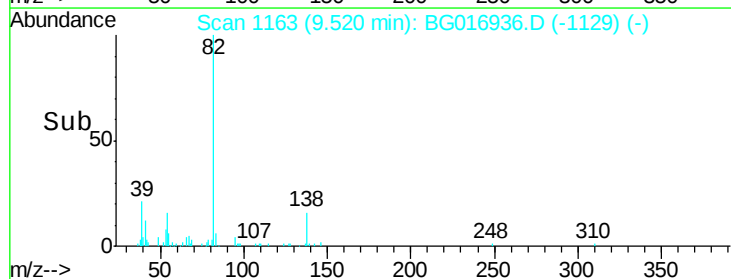
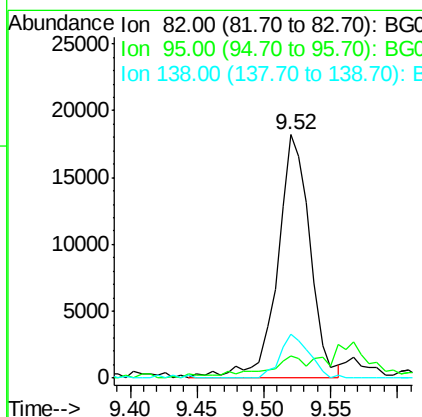
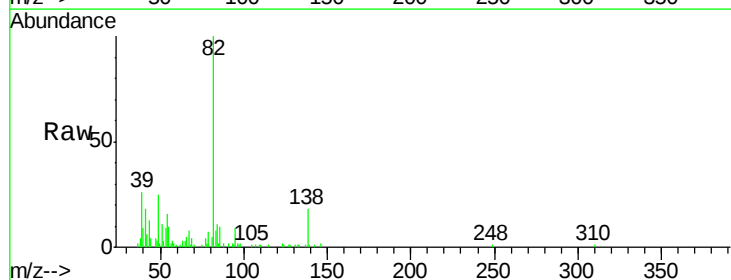
Instrument :
 BNA_G
 ClientSampled :
 DBMW-02

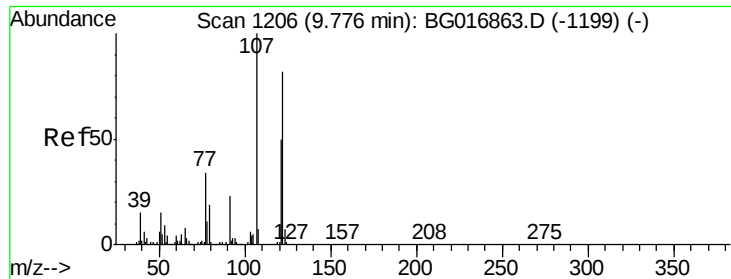
Tgt Ion: 77 Resp: 21809
 Ion Ratio Lower Upper
 77 100
 123 33.6 34.0 51.0#
 65 27.8 11.2 16.8#



#25
 Isophorone
 Concen: 2.32 ng
 RT: 9.52 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

Tgt Ion: 82 Resp: 31012
 Ion Ratio Lower Upper
 82 100
 95 8.9 6.7 10.1
 138 17.9 14.7 22.1

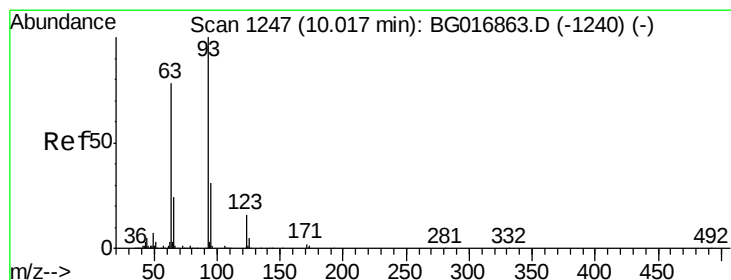
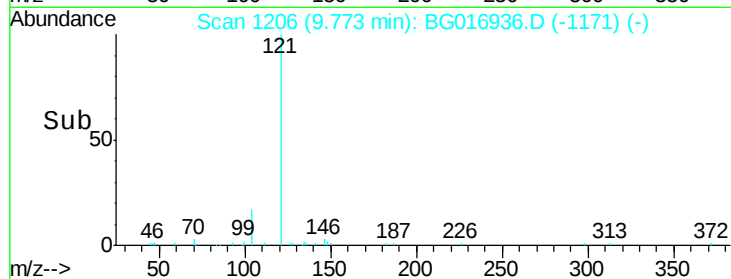
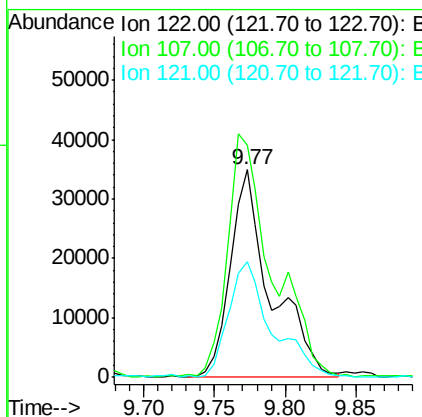
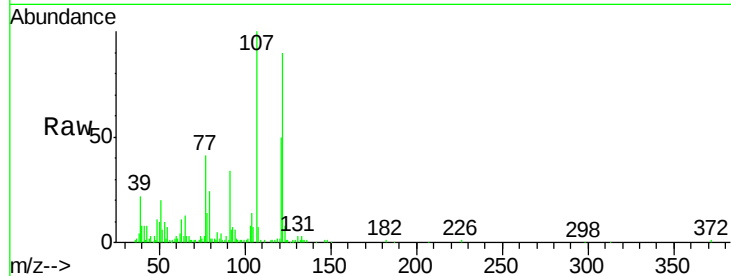




#27
 2,4-Dimethylphenol
 Concen: 14.26 ng
 RT: 9.77 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

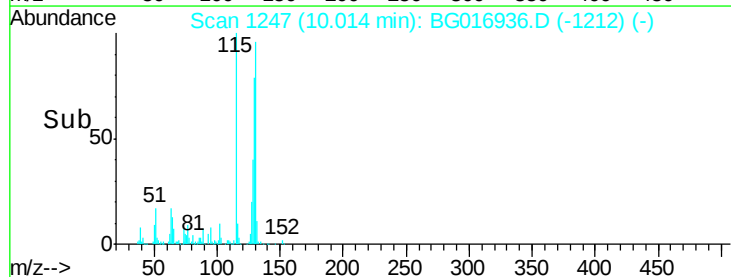
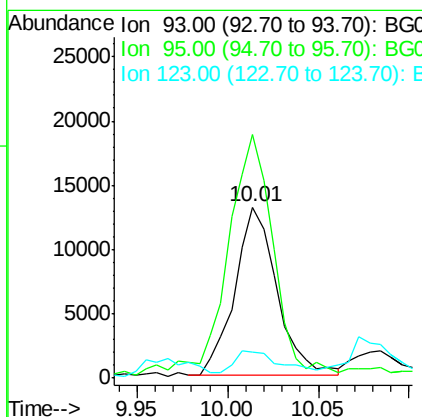
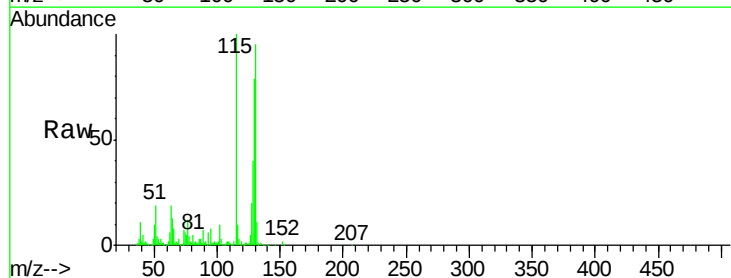
Instrument :
 BNA_G
 ClientSampleId :
 DBMW-02

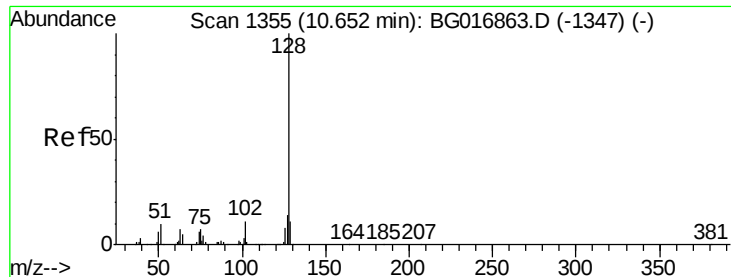
Tgt Ion:122 Resp: 70372
 Ion Ratio Lower Upper
 122 100
 107 111.7 97.6 146.4
 121 56.0 48.4 72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.15 ng
 RT: 10.01 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG016936.D
 Acq: 8 May 2015 00:43

Tgt Ion: 93 Resp: 21299
 Ion Ratio Lower Upper
 93 100
 95 142.2 24.8 37.2#
 123 15.1 12.6 19.0

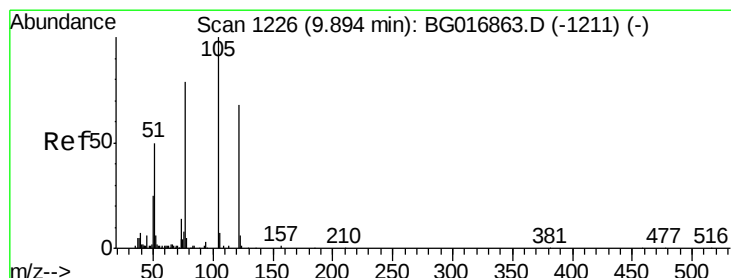
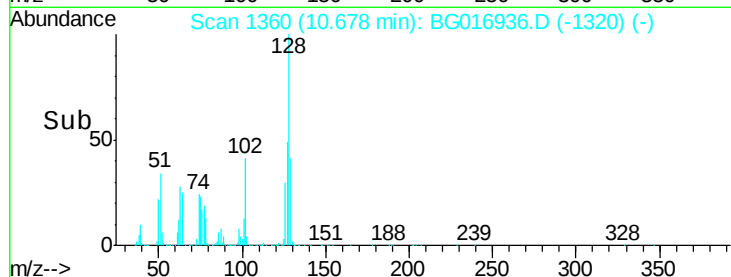
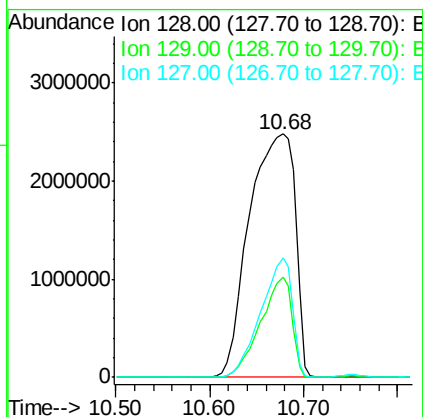
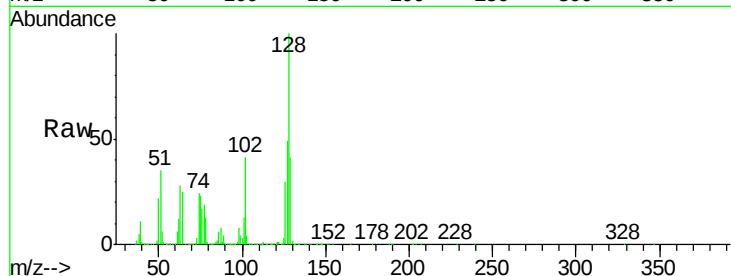




#31
Naphthalene
Concen: 518.10 ng
RT: 10.68 min Scan# 1360
Delta R.T. 0.04 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

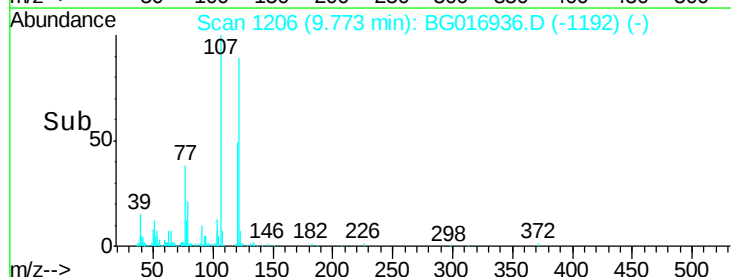
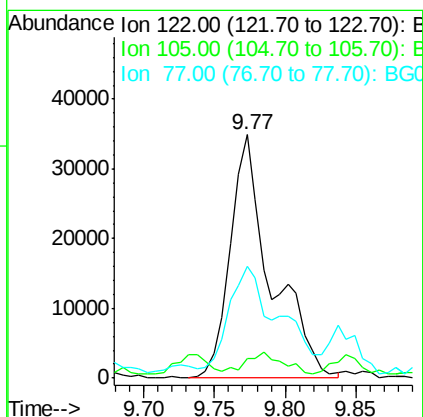
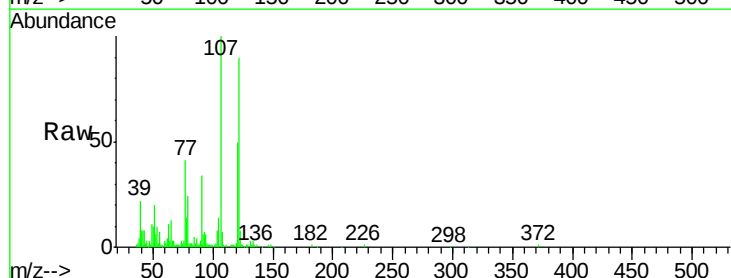
Instrument :
BNA_G
ClientSampleId :
DBMW-02

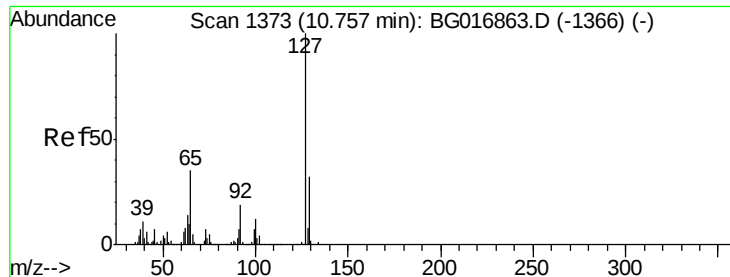
Tgt Ion:128 Resp: 8346518
Ion Ratio Lower Upper
128 100
129 41.4 9.1 13.7#
127 49.1 10.9 16.3#



#32
Benzoic acid
Concen: 27.63 ng
RT: 9.77 min Scan# 1206
Delta R.T. -0.12 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:122 Resp: 70372
Ion Ratio Lower Upper
122 100
105 8.0 123.2 163.2#
77 46.1 93.0 133.0#

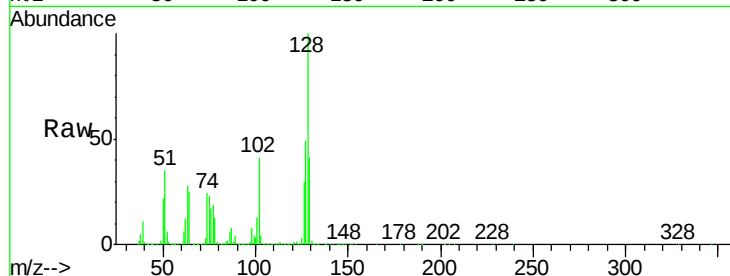




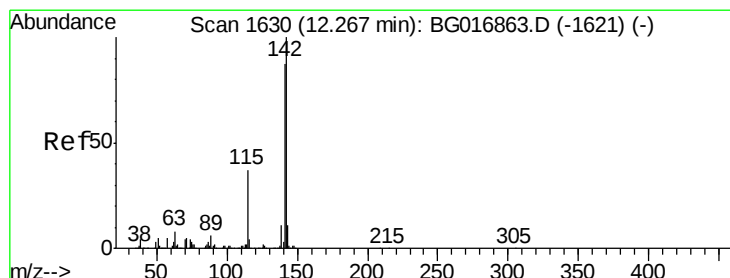
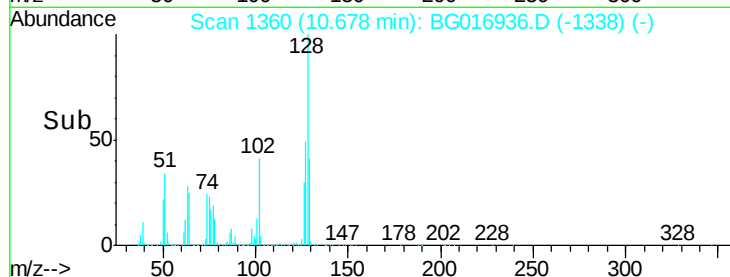
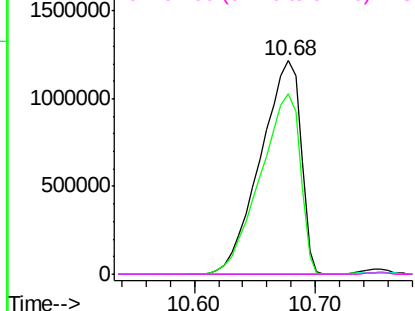
#33
4-Chloroaniline
Concen: 378.24 ng
RT: 10.68 min Scan# 1360
Delta R.T. -0.07 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tgt Ion:127 Resp: 2814140
Ion Ratio Lower Upper
127 100
129 84.4 25.8 38.6#
65 0.0 28.2 42.2#
92 0.0 15.6 23.4#

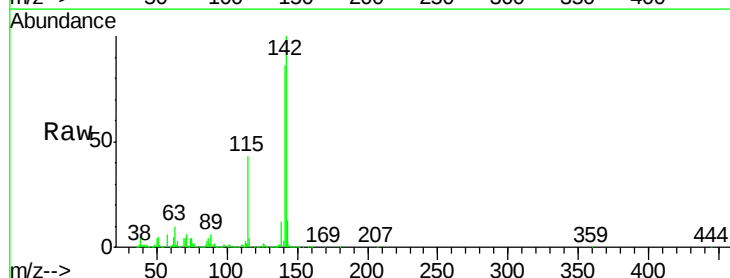


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

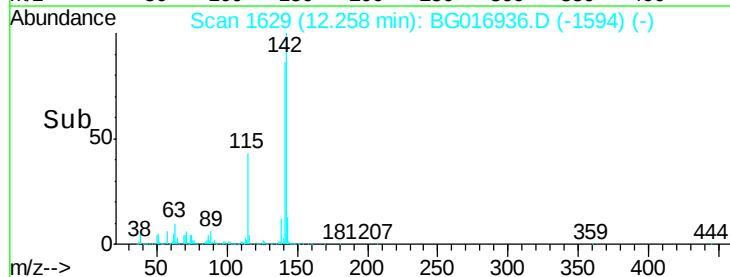
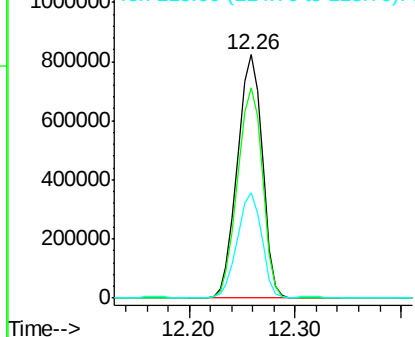


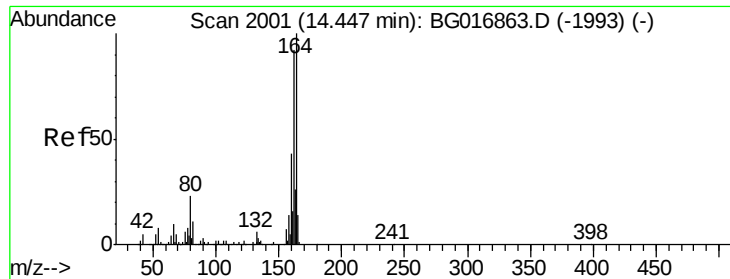
#37
2-Methylnaphthalene
Concen: 109.25 ng
RT: 12.26 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:142 Resp: 1340563
Ion Ratio Lower Upper
142 100
141 86.4 69.9 104.9
115 43.0 29.8 44.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

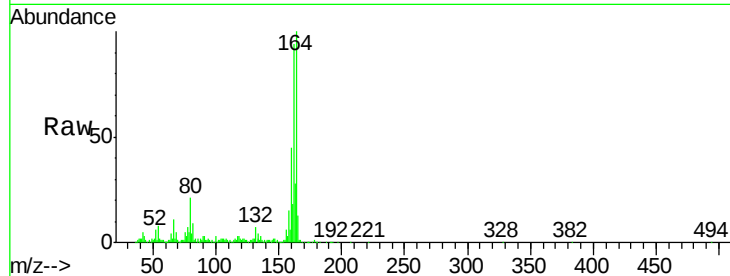




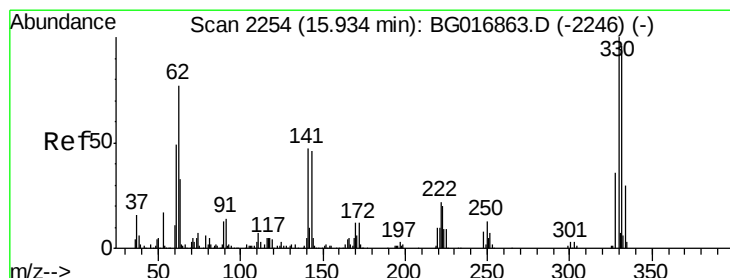
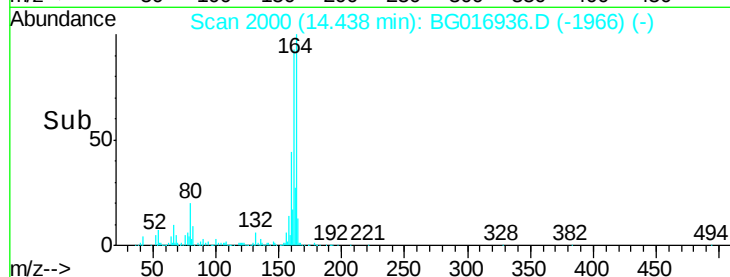
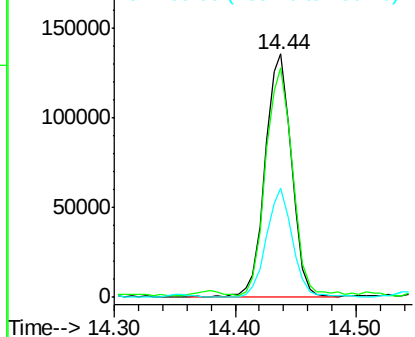
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tgt Ion:164 Resp: 203344
Ion Ratio Lower Upper
164 100
162 94.4 74.0 111.0
160 44.8 34.7 52.1

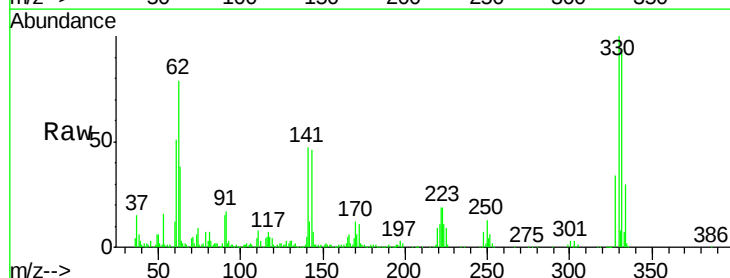


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

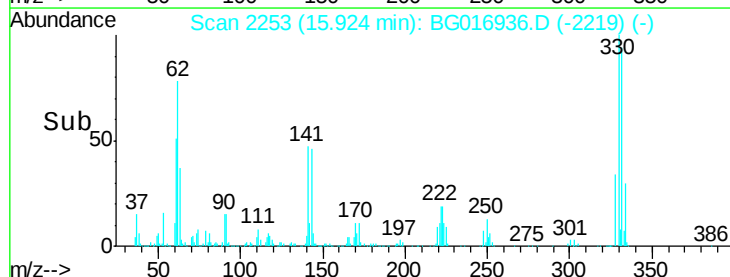
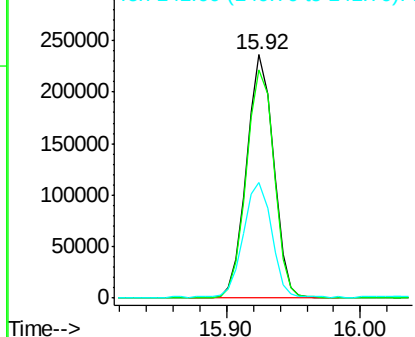


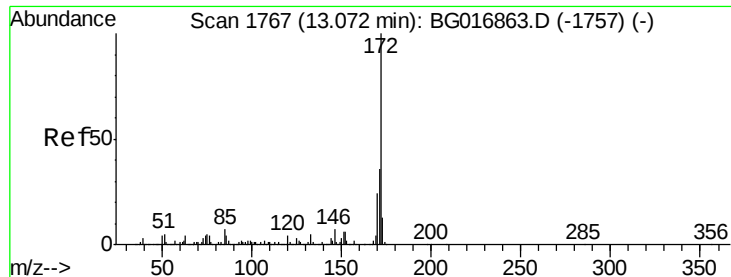
#41
2,4,6-Tribromophenol
Concen: 161.84 ng
RT: 15.92 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:330 Resp: 330382
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 49.3 0.0 0.0#



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

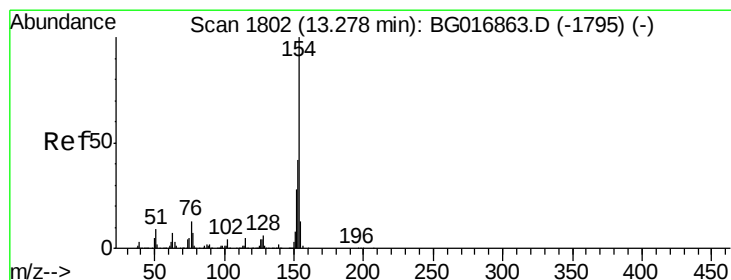
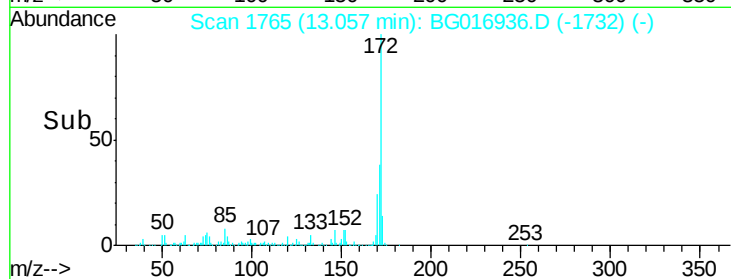
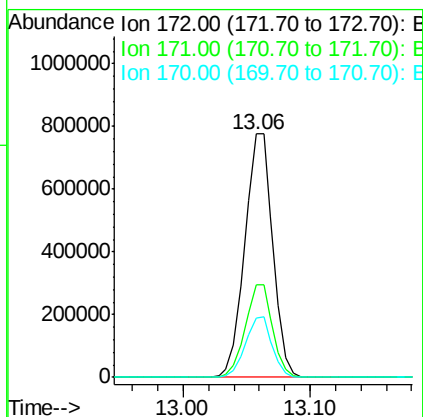
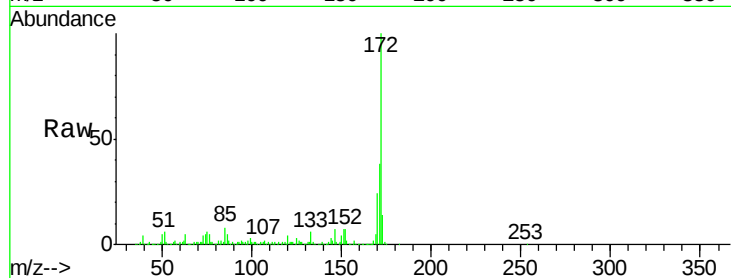




#44
2-Fluorobiphenyl
Concen: 88.13 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

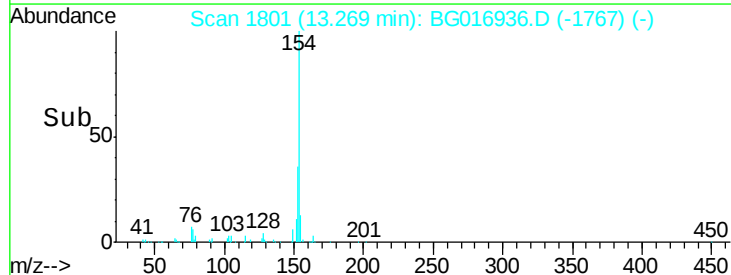
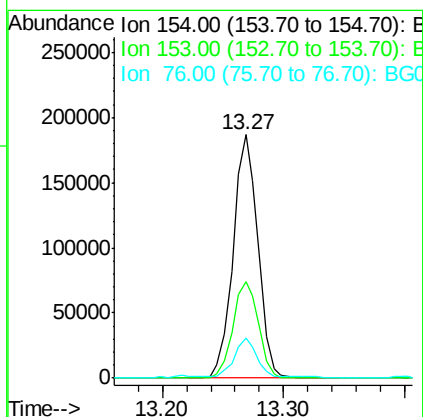
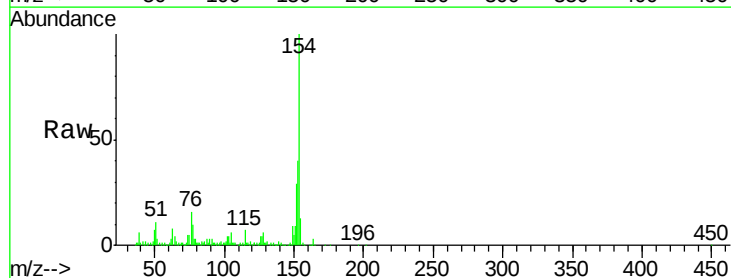
Instrument :
BNA_G
ClientSampleId :
DBMW-02

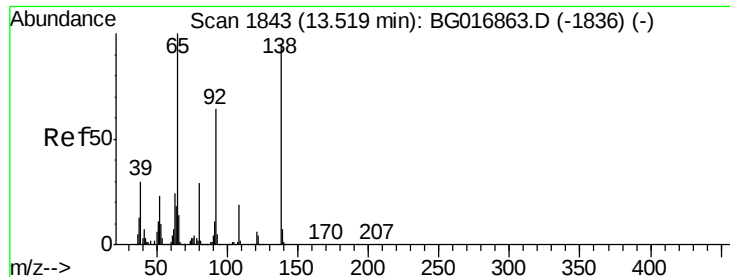
Tgt Ion:172 Resp: 1187610
Ion Ratio Lower Upper
172 100
171 37.9 29.0 43.4
170 24.3 19.0 28.4



#45
1,1'-Biphenyl
Concen: 18.21 ng
RT: 13.27 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:154 Resp: 265061
Ion Ratio Lower Upper
154 100
153 39.9 22.0 62.0
76 16.3 0.0 33.3





#47

2-Nitroaniline

Concen: 8.86 ng

RT: 13.51 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

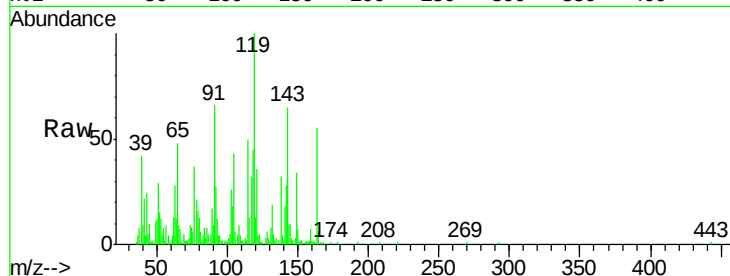
Tgt Ion: 65 Resp: 35548

Ion Ratio Lower Upper

65 100

92 56.5 51.0 76.6

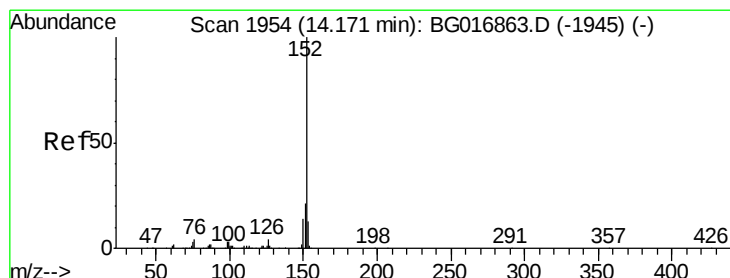
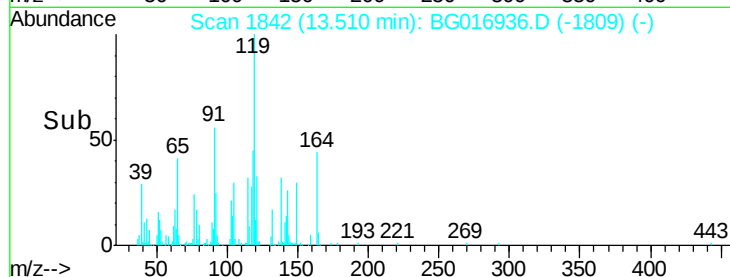
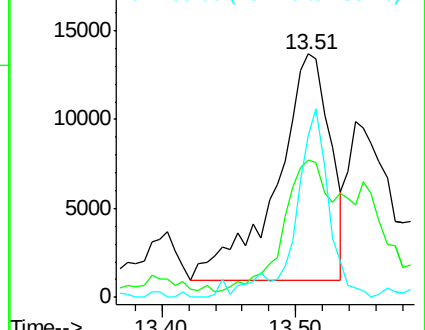
138 66.2 76.2 114.2#



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): BGC



#48

Acenaphthylene

Concen: 53.49 ng

RT: 14.16 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

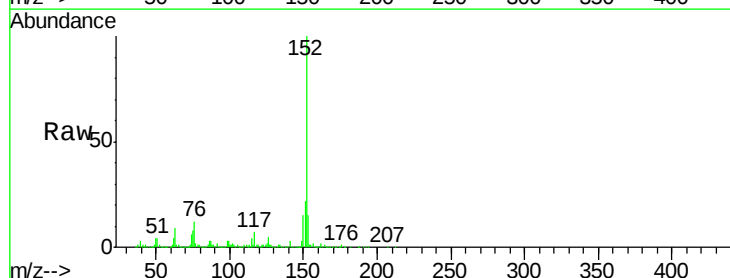
Tgt Ion: 152 Resp: 1074174

Ion Ratio Lower Upper

152 100

151 21.7 17.0 25.4

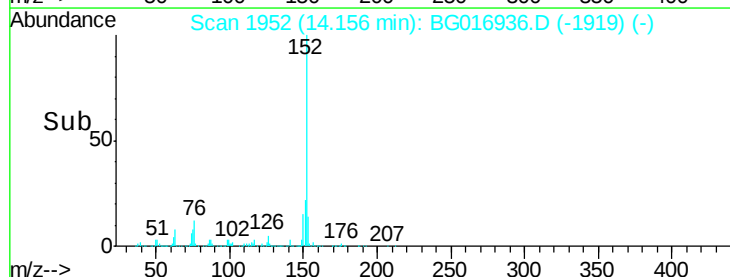
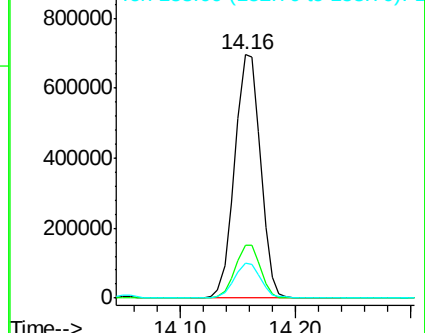
153 14.6 10.7 16.1

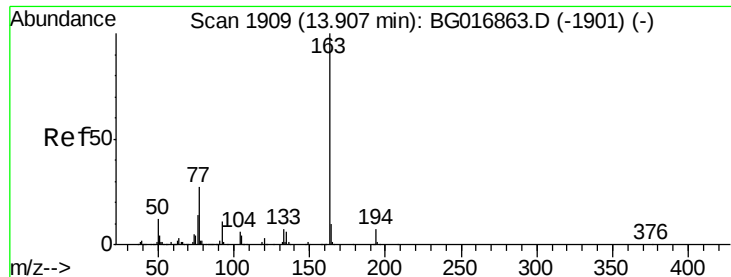


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC

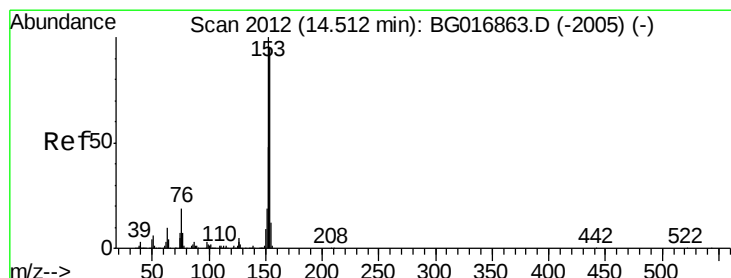
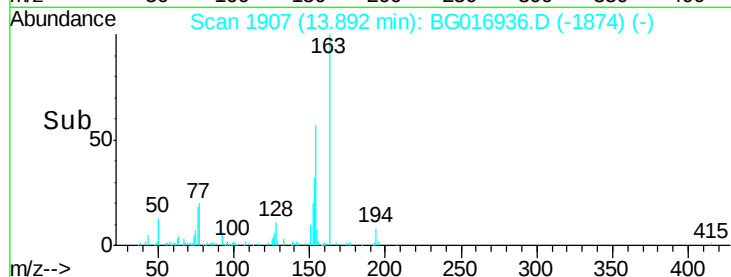
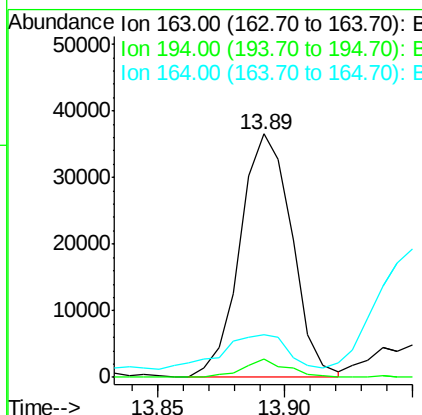
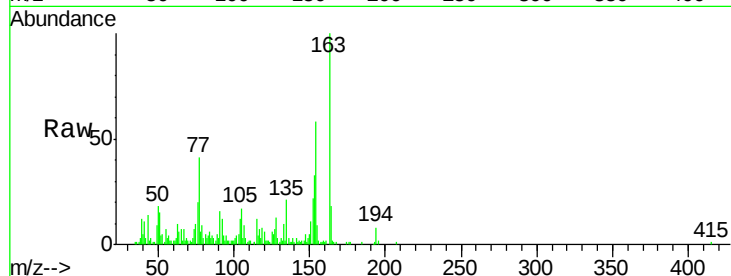




#49
Dimethylphthalate
Concen: 3.43 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

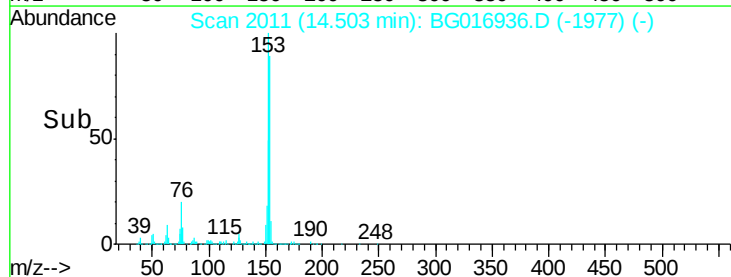
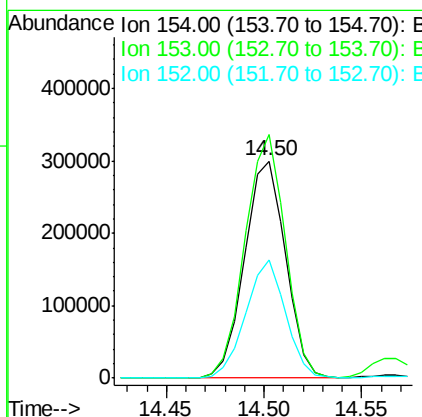
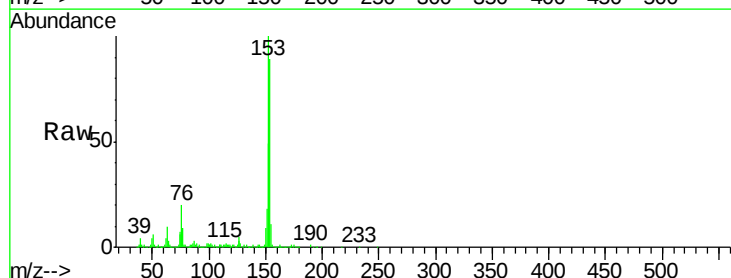
Instrument :
BNA_G
ClientSampleId :
DBMW-02

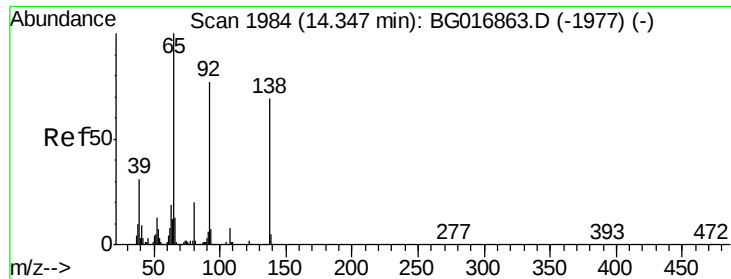
Tgt Ion:163 Resp: 52058
Ion Ratio Lower Upper
163 100
194 7.6 5.2 7.8
164 17.6 8.4 12.6#



#51
Acenaphthene
Concen: 36.47 ng
RT: 14.50 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:154 Resp: 435881
Ion Ratio Lower Upper
154 100
153 112.0 84.2 126.4
152 54.4 40.2 60.2





#52

3-Nitroaniline

Concen: 4.01 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

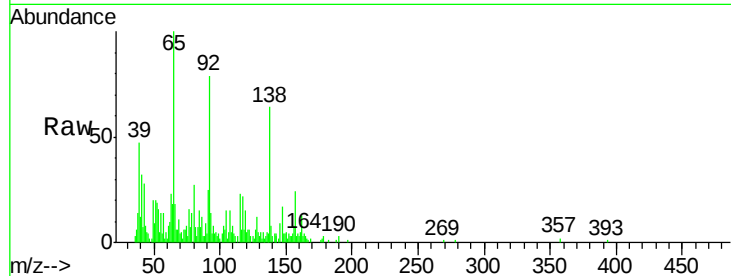
Tgt Ion:138 Resp: 14368

Ion Ratio Lower Upper

138 100

108 23.7 9.5 14.3#

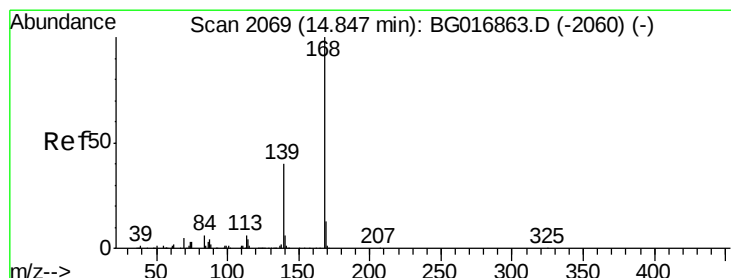
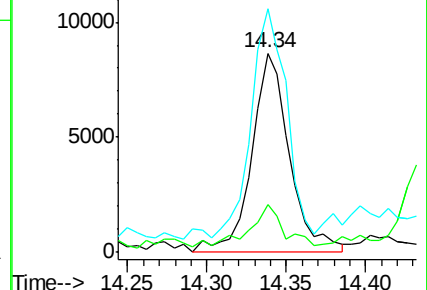
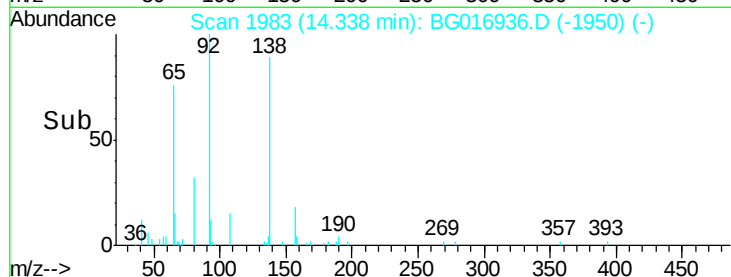
92 122.2 89.6 134.4



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): B



#54

Dibenzofuran

Concen: 4.24 ng

RT: 14.83 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

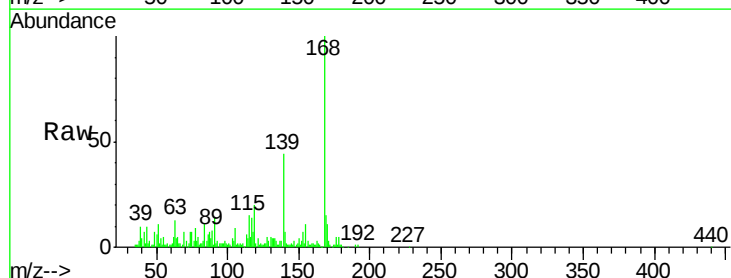
Tgt Ion:168 Resp: 71934

Ion Ratio Lower Upper

168 100

139 43.7 32.5 48.7

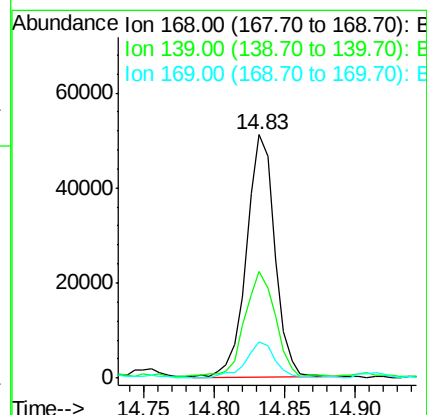
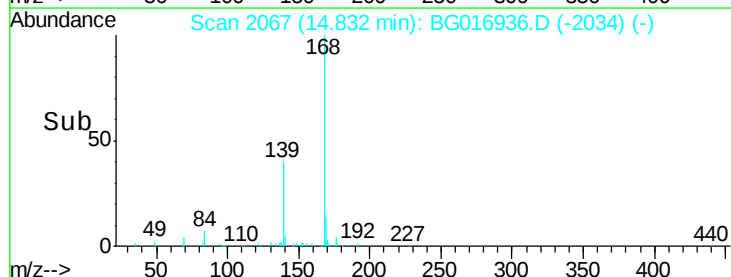
169 14.8 10.4 15.6

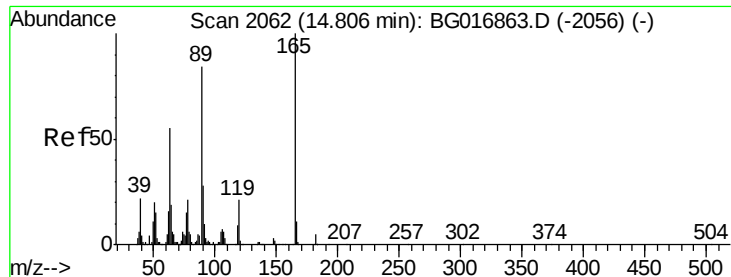


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

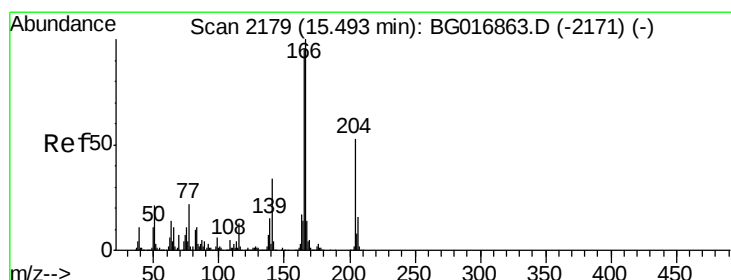
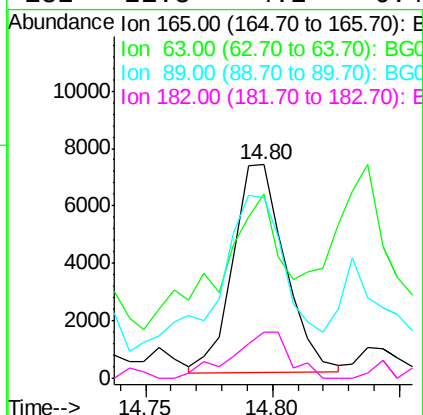
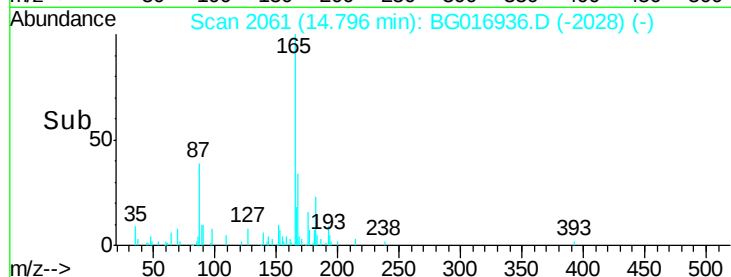
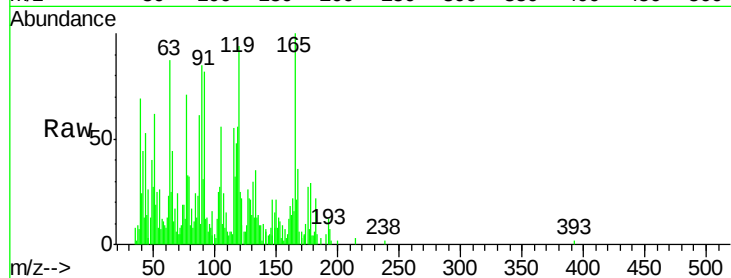




#56
2,4-Dinitrotoluene
Concen: 2.58 ng
RT: 14.80 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

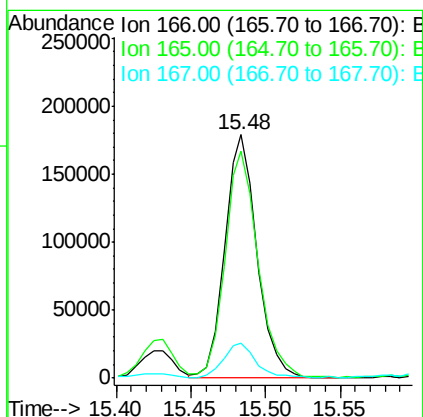
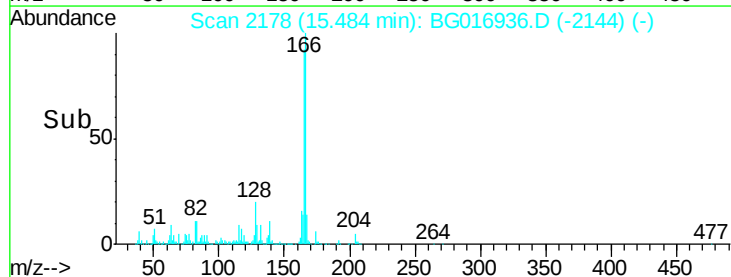
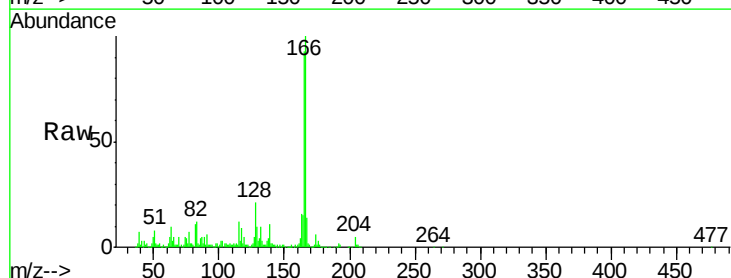
Instrument :
BNA_G
ClientSampleId :
DBMW-02

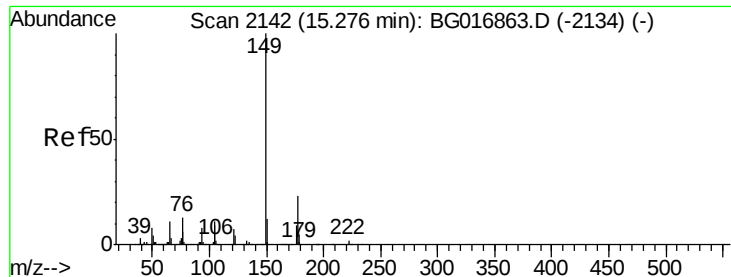
Tgt Ion:165 Resp: 10413
Ion Ratio Lower Upper
165 100
63 86.6 44.2 66.4#
89 84.5 67.2 100.8
182 21.8 4.2 6.4#



#57
Fluorene
Concen: 17.77 ng
RT: 15.48 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:166 Resp: 267005
Ion Ratio Lower Upper
166 100
165 93.0 76.1 114.1
167 14.3 11.4 17.2

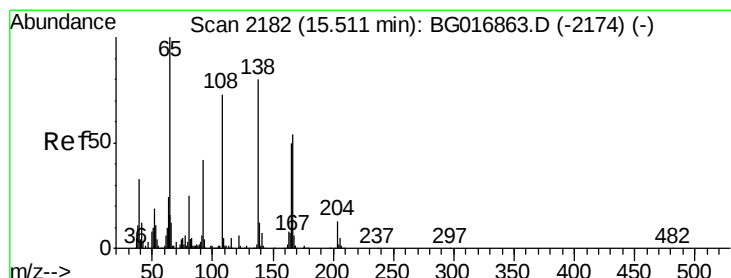
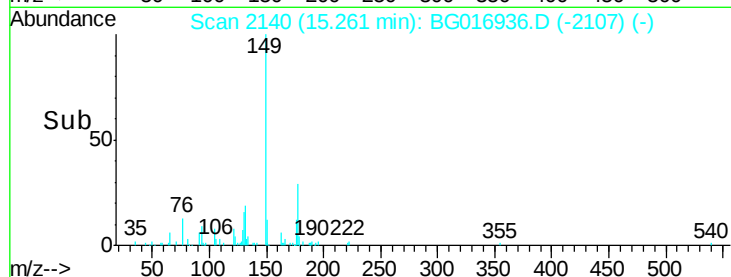
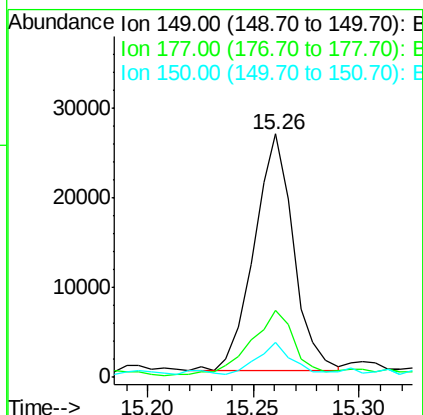
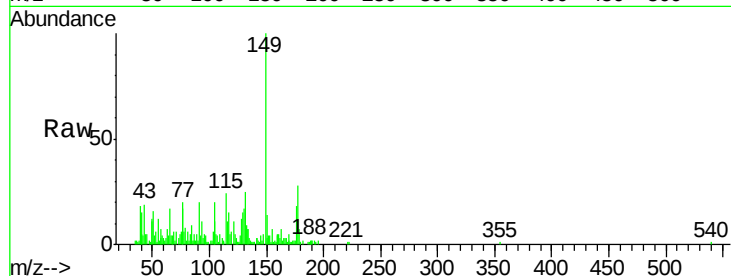




#59
Diethylphthalate
Concen: 2.12 ng
RT: 15.26 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

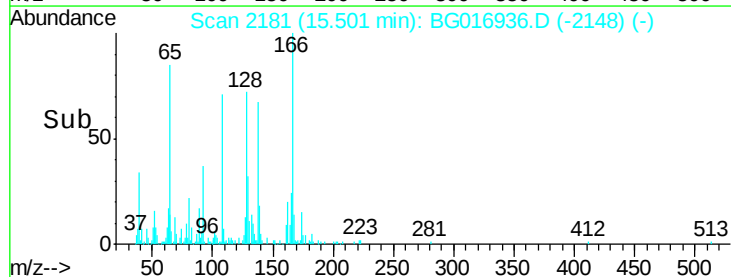
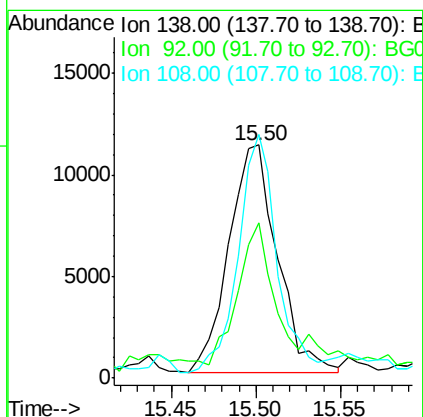
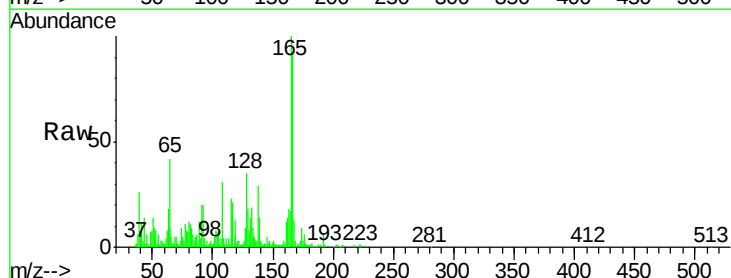
Instrument :
BNA_G
ClientSampleId :
DBMW-02

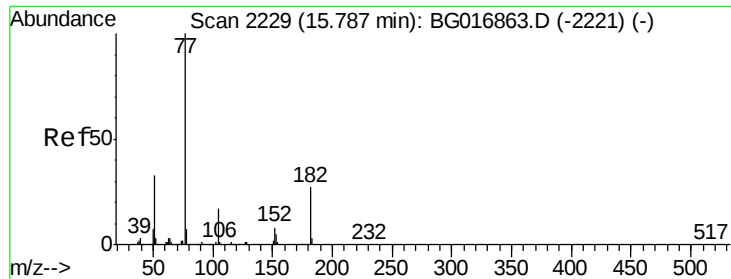
Tgt Ion:149 Resp: 34041
Ion Ratio Lower Upper
149 100
177 27.6 18.6 27.8
150 14.3 9.8 14.8



#61
4-Nitroaniline
Concen: 5.41 ng
RT: 15.50 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:138 Resp: 22483
Ion Ratio Lower Upper
138 100
92 66.7 31.8 71.8
108 104.5 70.6 110.6

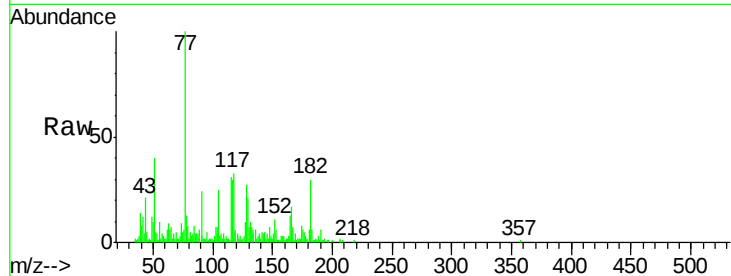




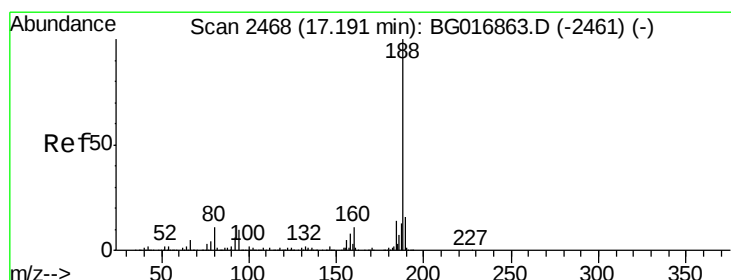
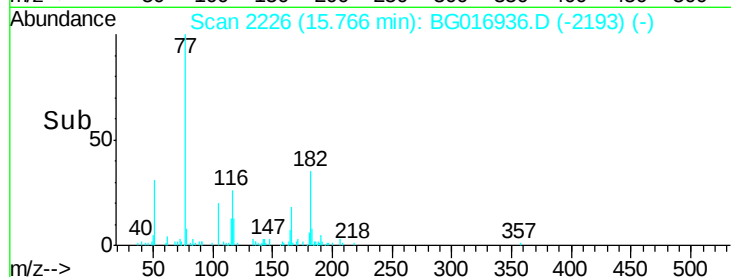
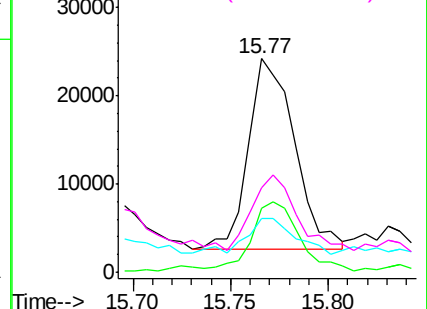
#62
Azobenzene
Concen: 2.15 ng
RT: 15.77 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DBMW-02

Tgt Ion:	77	Resp:	35766
Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.4	47.4
105	25.3	0.0	36.6
51	39.7	13.4	53.4

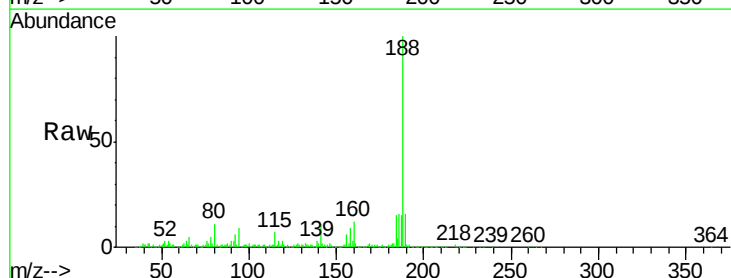


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

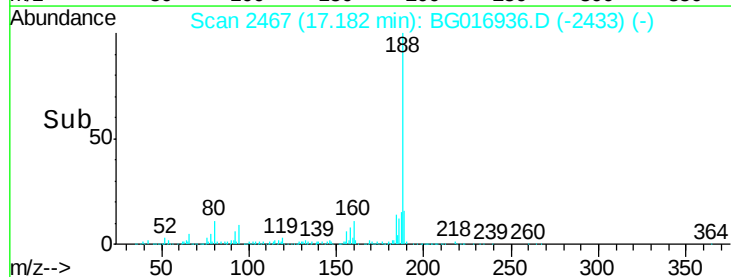
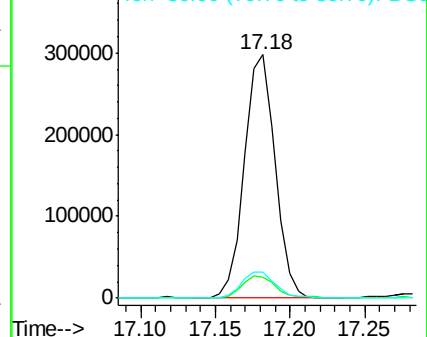


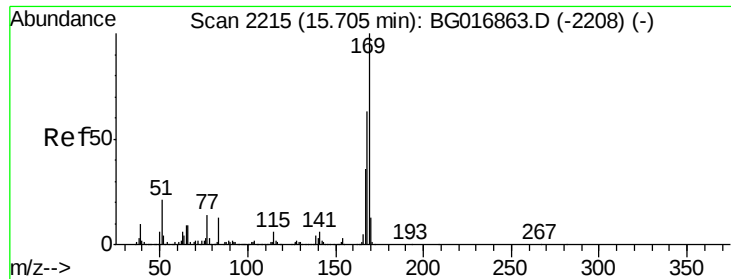
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:	188	Resp:	422773
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	10.7	8.8	13.2



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

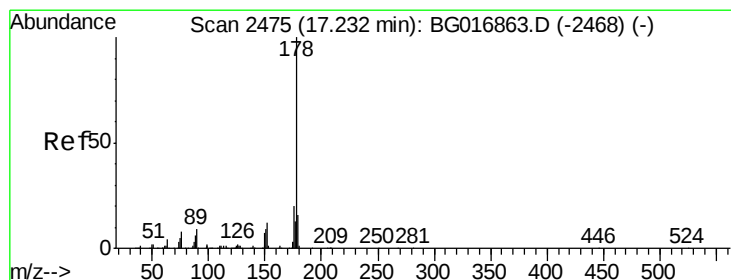
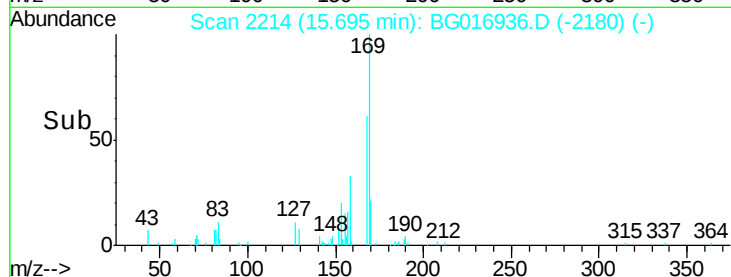
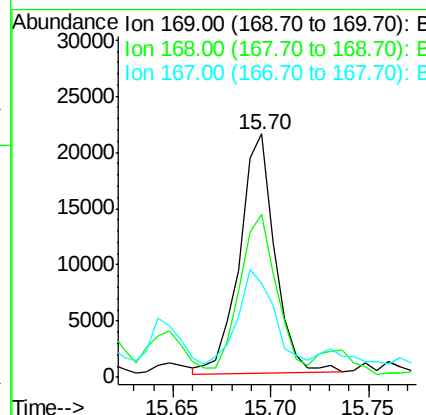
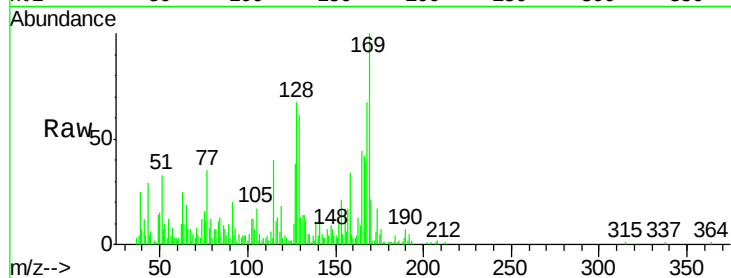




#65
n-Nitrosodiphenylamine
Concen: 2.06 ng
RT: 15.70 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

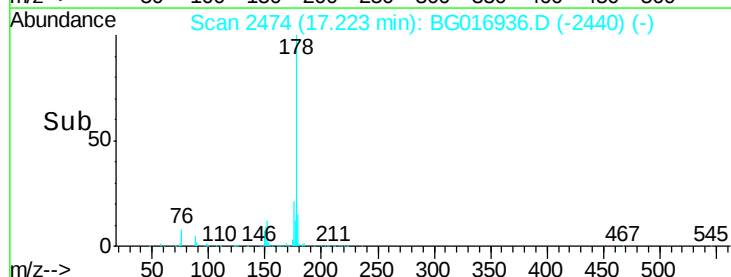
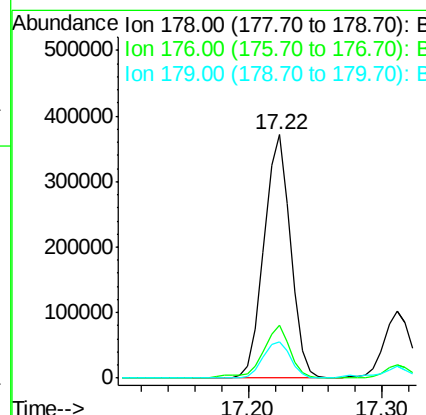
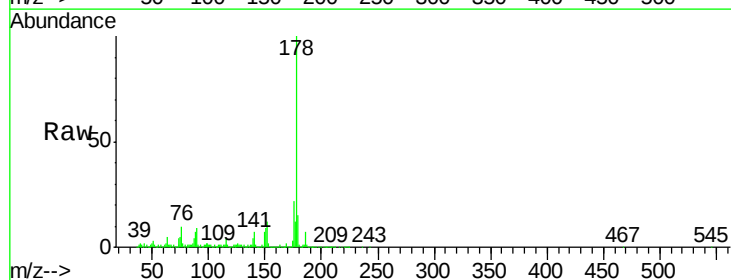
Instrument :
BNA_G
ClientSampleId :
DBMW-02

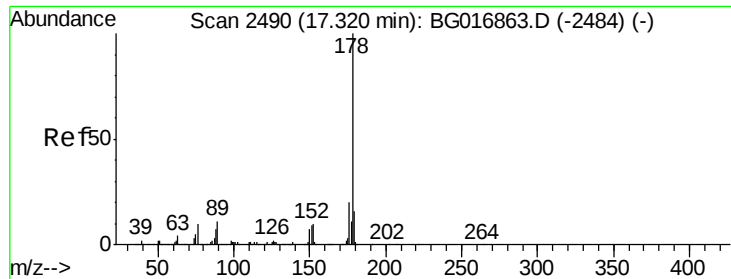
Tgt Ion:169 Resp: 26540
Ion Ratio Lower Upper
169 100
168 67.2 50.6 76.0
167 38.6 29.0 43.4



#70
Phenanthrene
Concen: 23.31 ng
RT: 17.22 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:178 Resp: 507046
Ion Ratio Lower Upper
178 100
176 21.5 16.0 24.0
179 15.1 13.0 19.6





#71

Anthracene

Concen: 6.36 ng

RT: 17.31 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

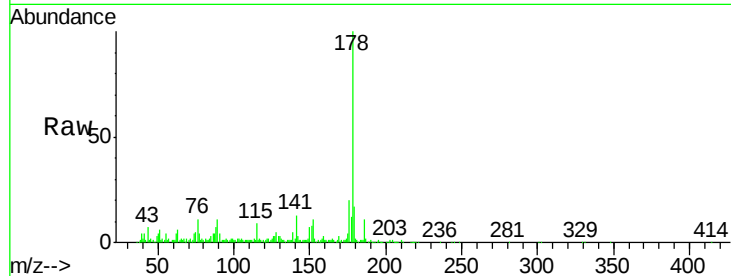
Tgt Ion:178 Resp: 139540

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

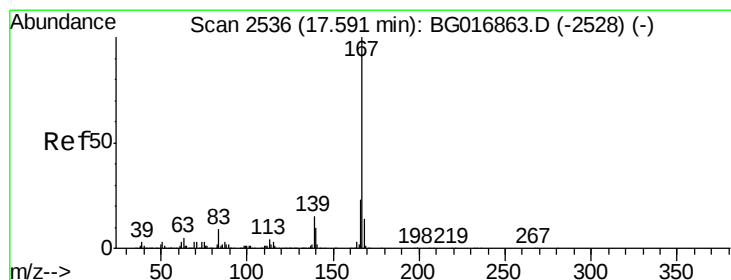
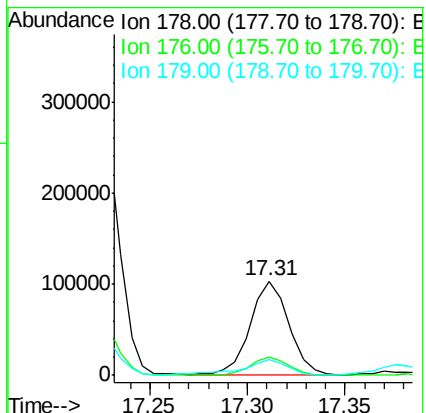
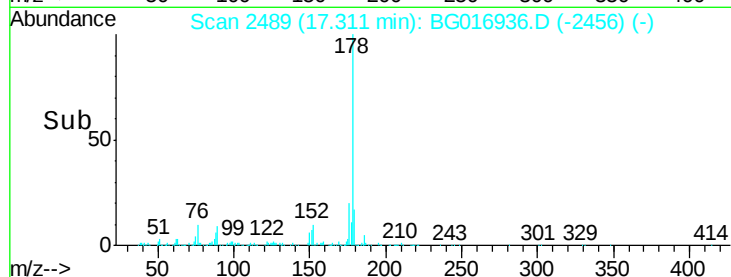
179 17.2 13.1 19.7



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: 12.40 ng

RT: 17.58 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

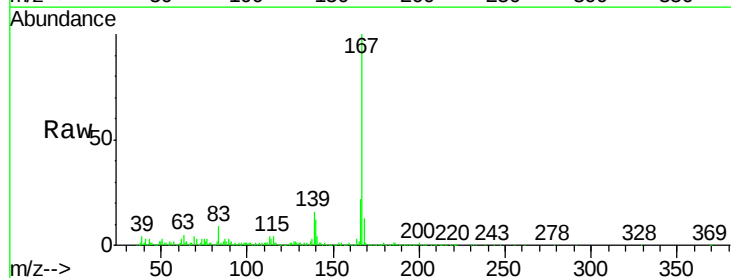
Tgt Ion:167 Resp: 258653

Ion Ratio Lower Upper

167 100

166 21.7 18.4 27.6

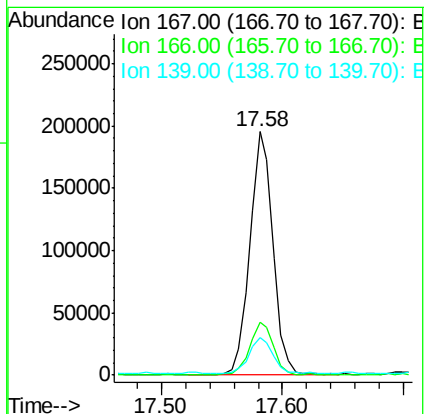
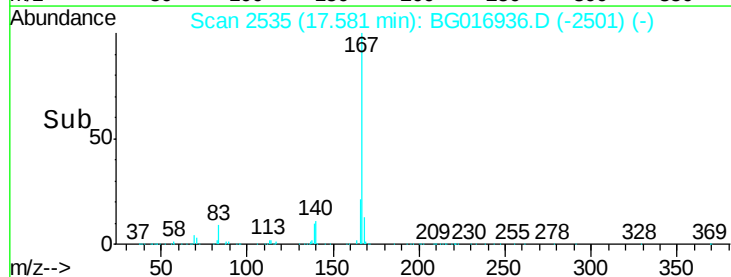
139 15.6 12.2 18.4

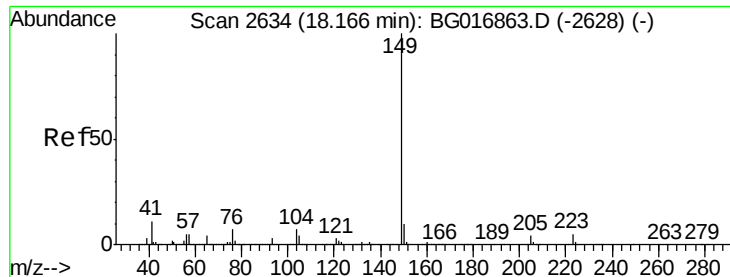


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

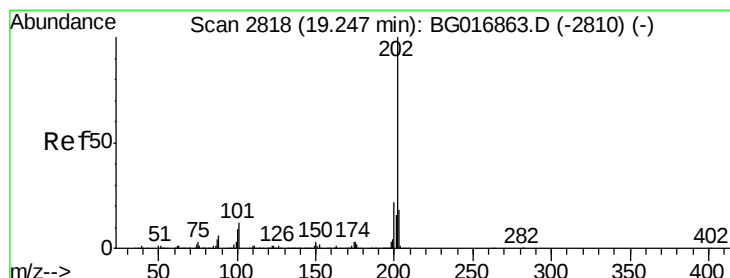
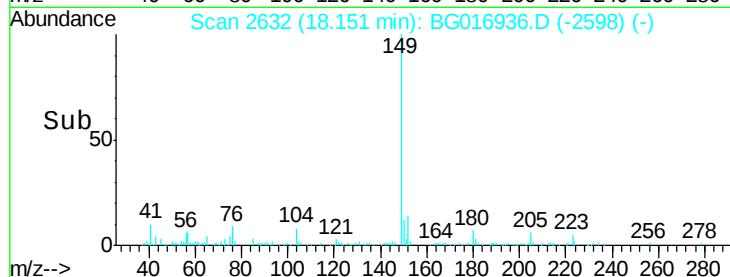
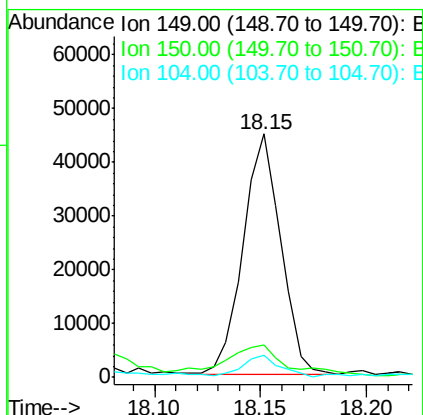
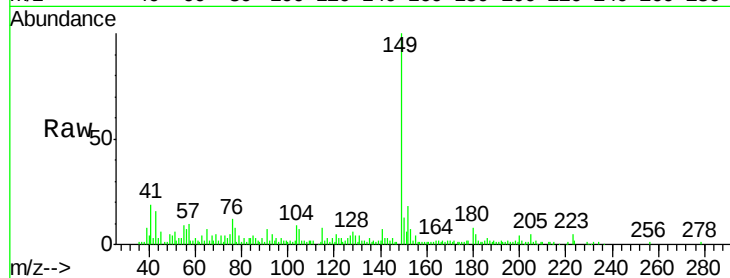




#73
Di-n-butylphthalate
Concen: 2.04 ng
RT: 18.15 min Scan# 2632
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

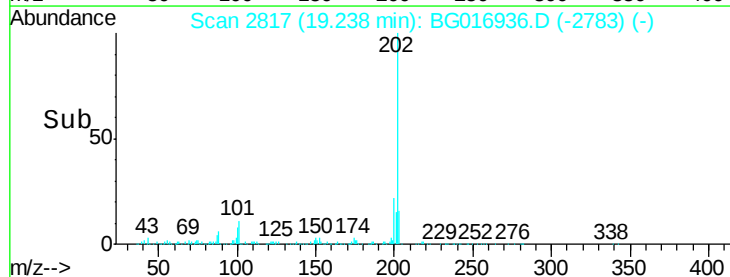
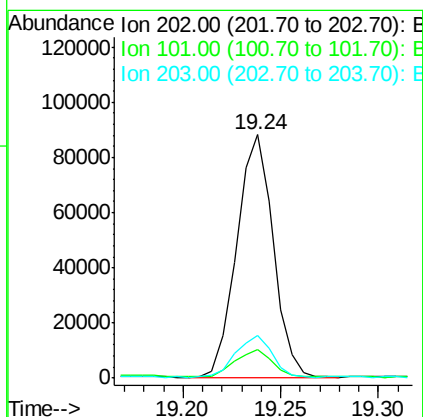
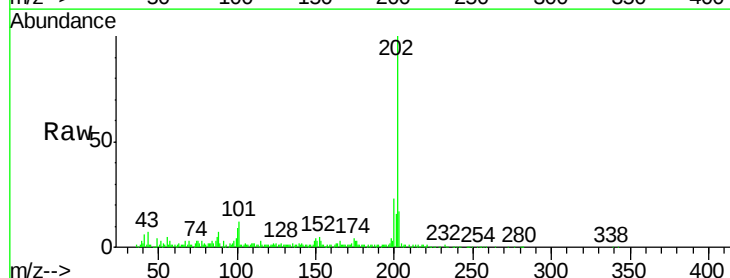
Instrument :
BNA_G
ClientSampleId :
DBMW-02

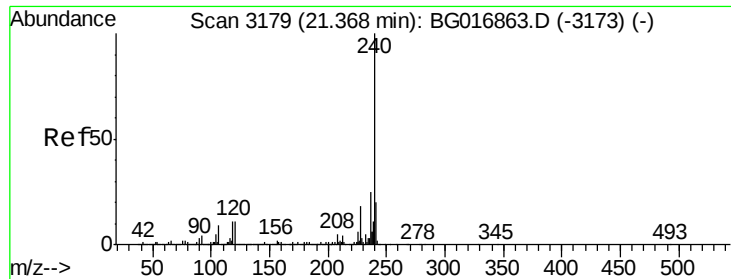
Tgt Ion:149 Resp: 55106
Ion Ratio Lower Upper
149 100
150 13.1 7.7 11.5#
104 9.1 5.4 8.0#



#74
Fluoranthene
Concen: 4.49 ng
RT: 19.24 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BG016936.D
Acq: 8 May 2015 00:43

Tgt Ion:202 Resp: 113419
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.5
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

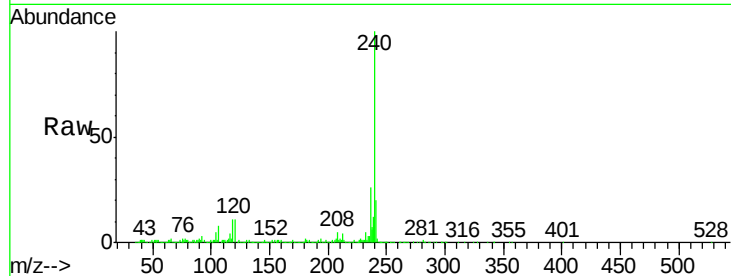
Tgt Ion:240 Resp: 433896

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

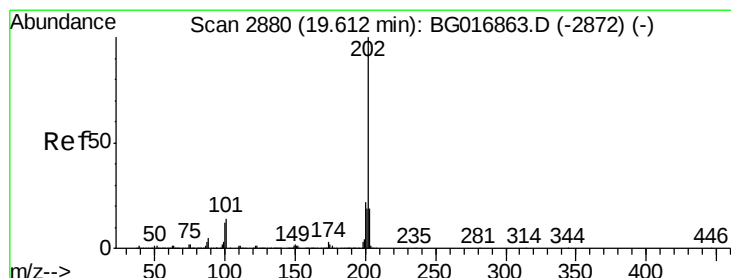
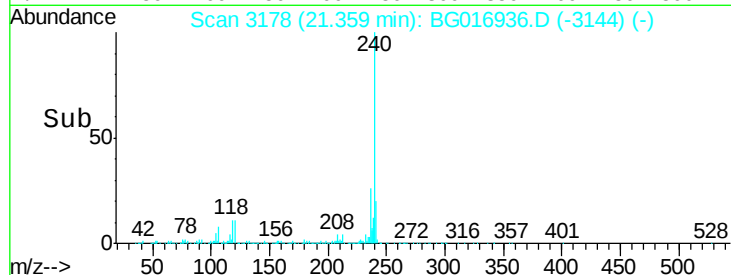
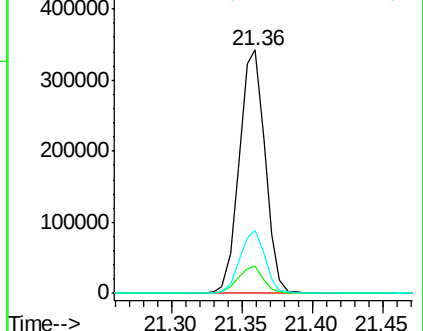
236 25.9 20.2 30.4



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



#77

Pyrene

Concen: 5.45 ng

RT: 19.60 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

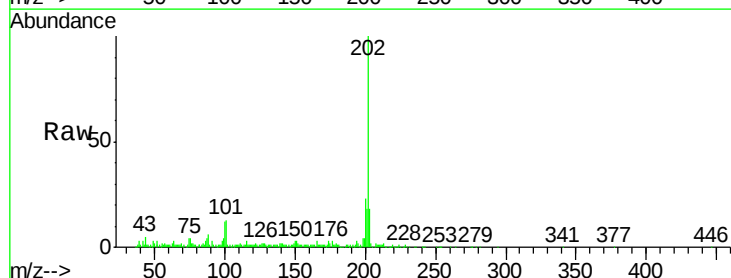
Tgt Ion:202 Resp: 139566

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

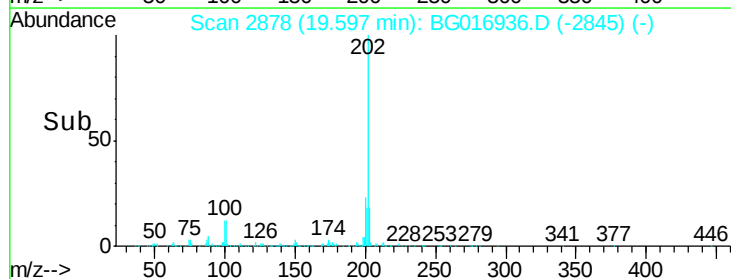
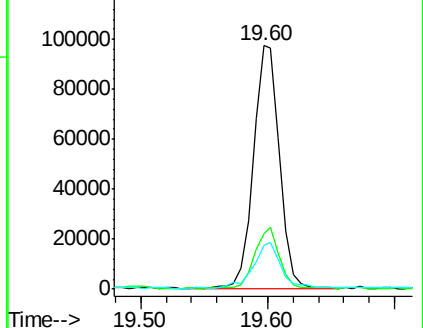
203 18.0 15.2 22.8

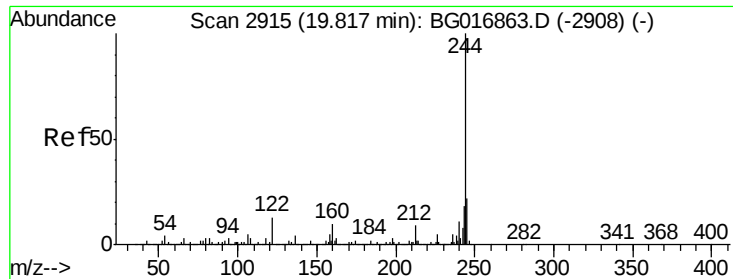


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.50 ng

RT: 19.81 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

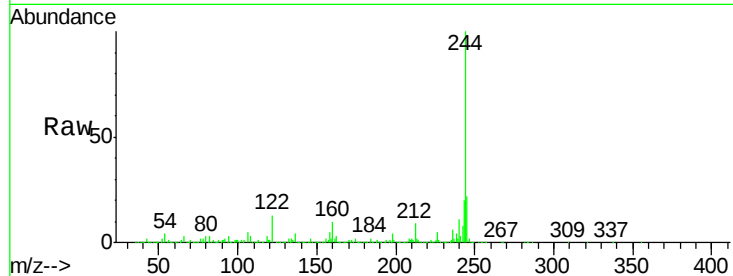
Tgt Ion:244 Resp: 1490029

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

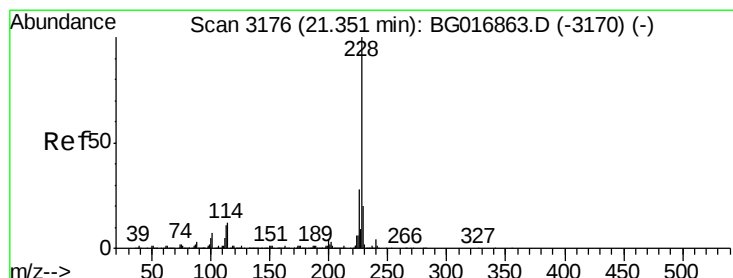
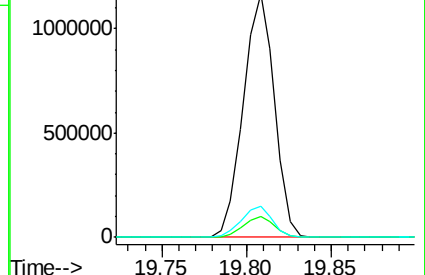
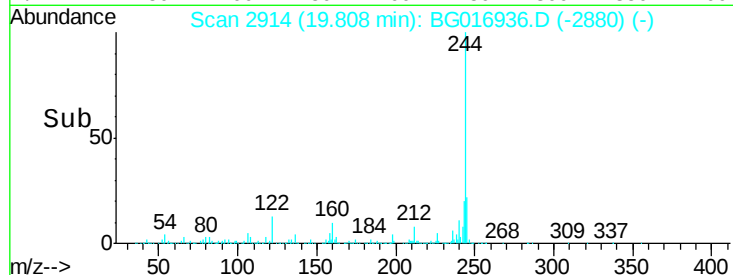
122 12.7 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.22 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

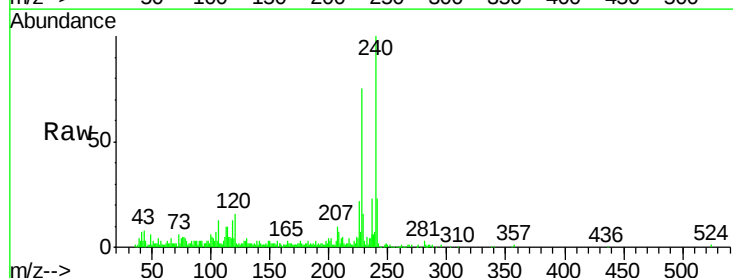
Tgt Ion:228 Resp: 51661

Ion Ratio Lower Upper

228 100

226 29.8 22.7 34.1

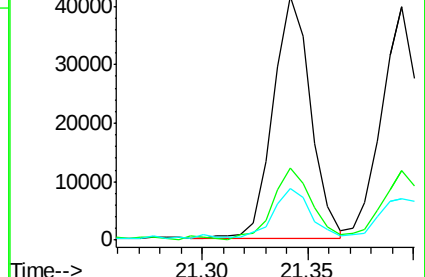
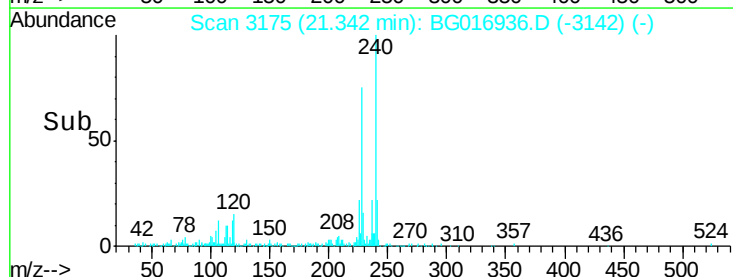
229 21.3 16.1 24.1

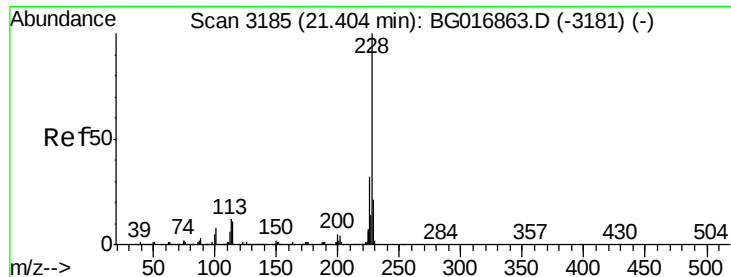


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.21 ng

RT: 21.39 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

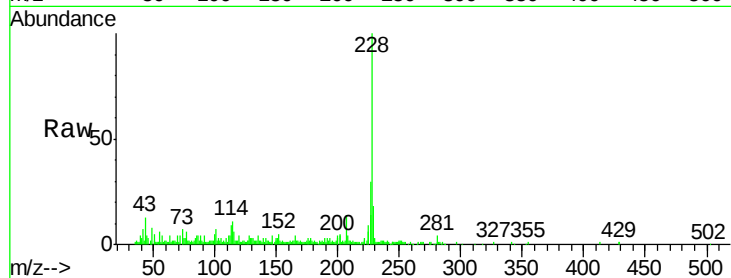
Tgt Ion:228 Resp: 48178

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.0

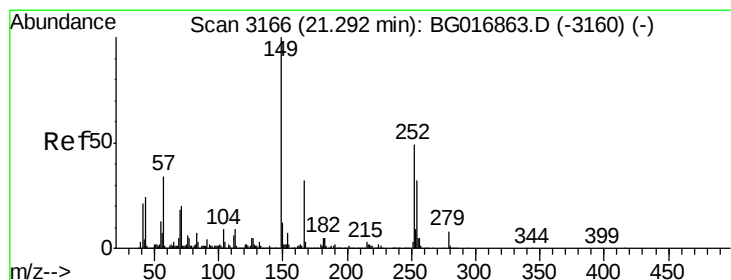
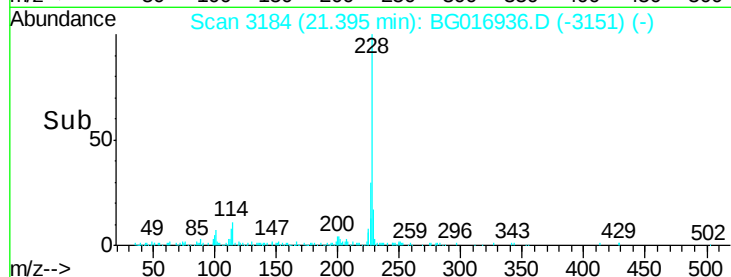
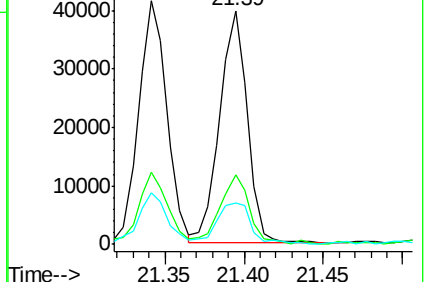
229 17.8 16.5 24.7



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: 2.23 ng

RT: 21.28 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

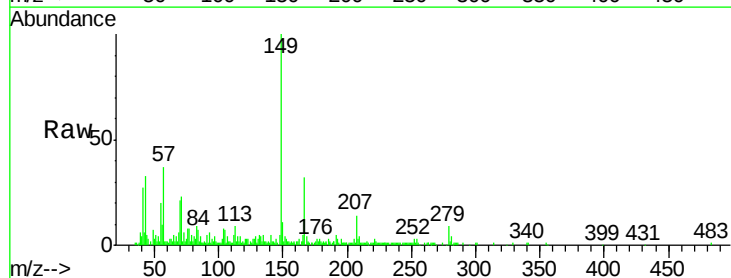
Tgt Ion:149 Resp: 37103

Ion Ratio Lower Upper

149 100

167 31.6 25.4 38.0

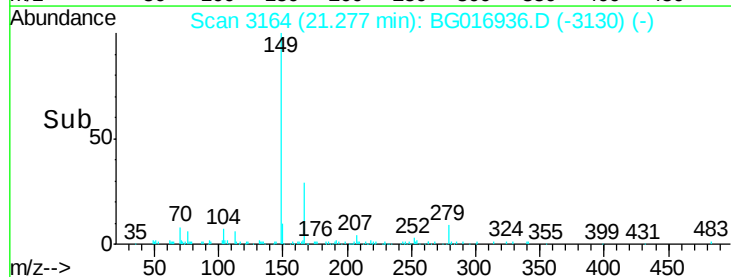
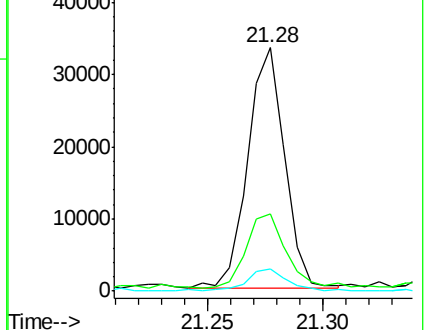
279 9.0 6.4 9.6

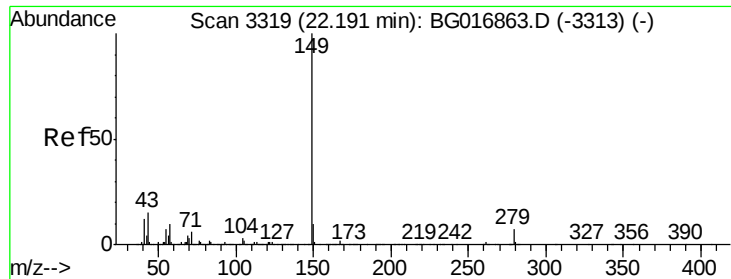


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.08 ng

RT: 22.17 min Scan# 3316

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

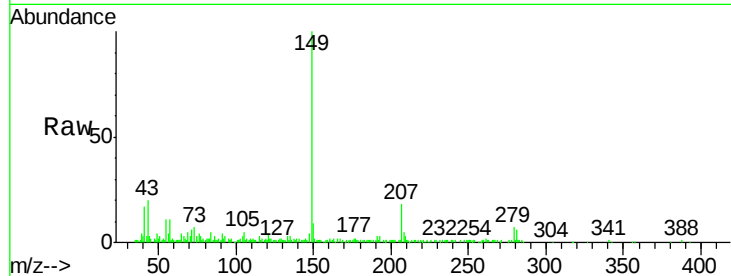
Tgt Ion:149 Resp: 58211

Ion Ratio Lower Upper

149 100

167 2.1 0.0 0.0#

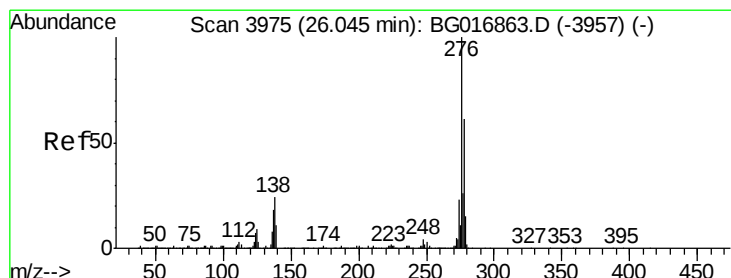
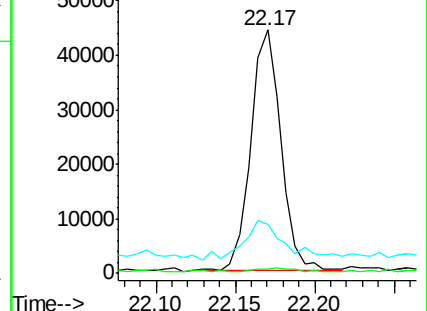
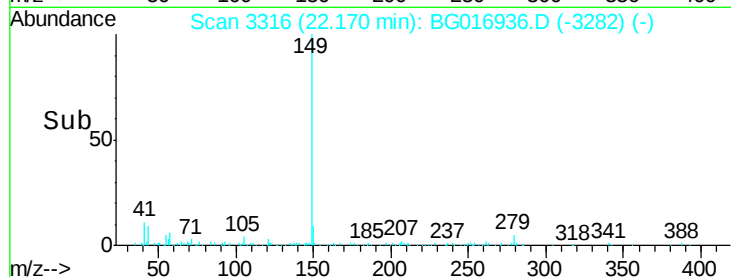
43 22.5 0.0 0.0#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.17 ng

RT: 26.02 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

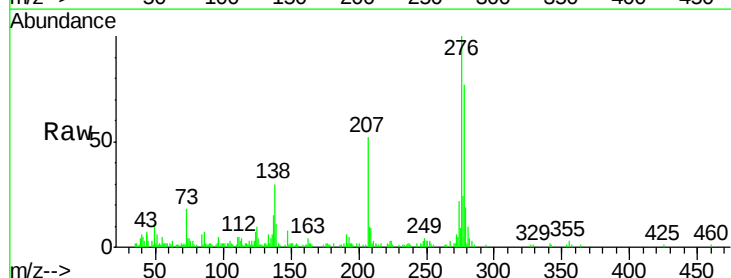
Tgt Ion:276 Resp: 56269

Ion Ratio Lower Upper

276 100

138 28.2 0.0 0.0#

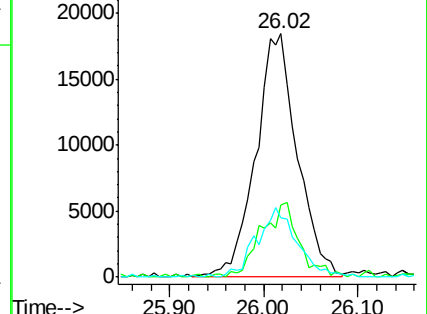
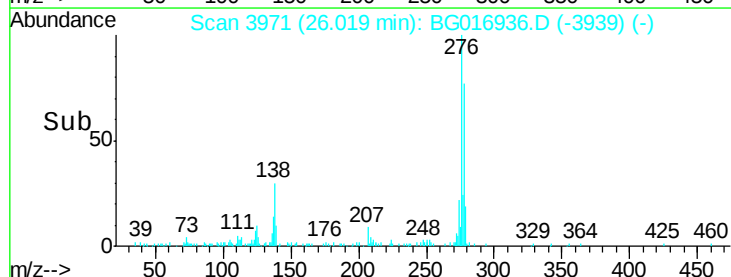
277 27.7 0.0 0.0#

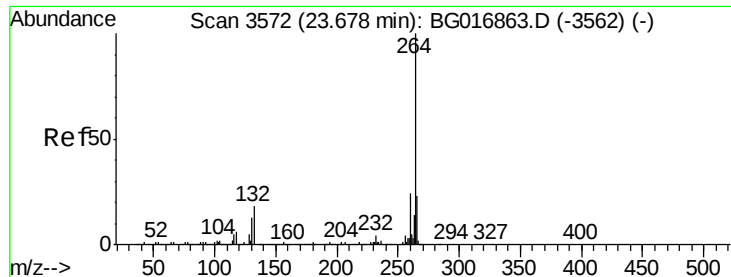


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.66 min Scan# 3570

Delta R.T. 0.00 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

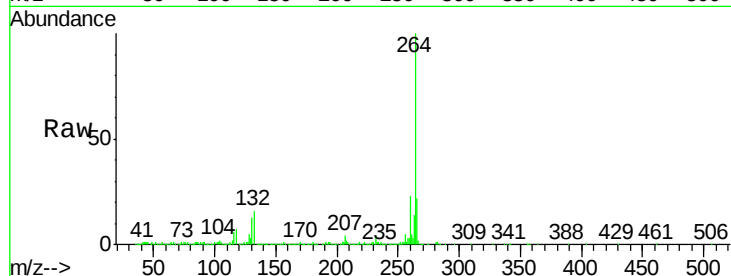
Tgt Ion:264 Resp: 426699

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

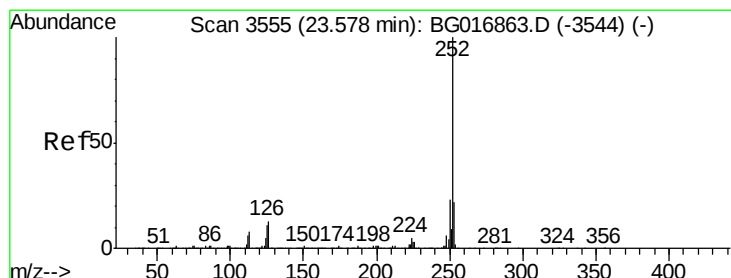
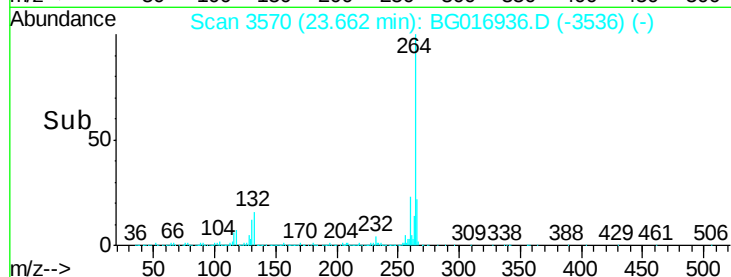
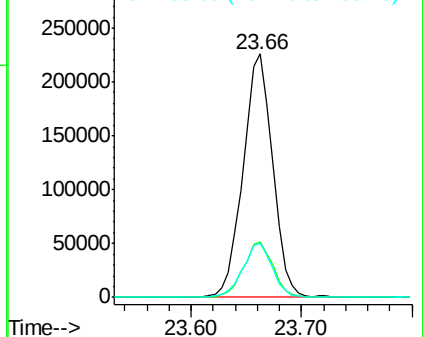
265 22.2 18.5 27.7



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



#89

Benzo(a)pyrene

Concen: 2.06 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

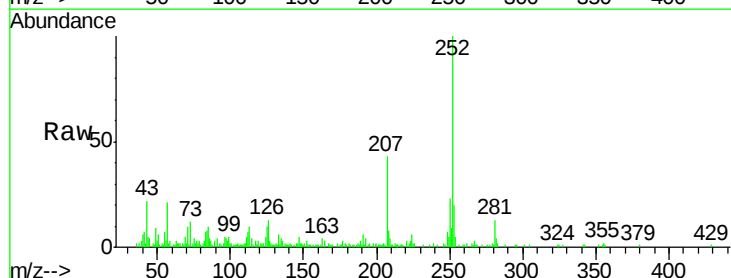
Tgt Ion:252 Resp: 45737

Ion Ratio Lower Upper

252 100

253 20.3 17.7 26.5

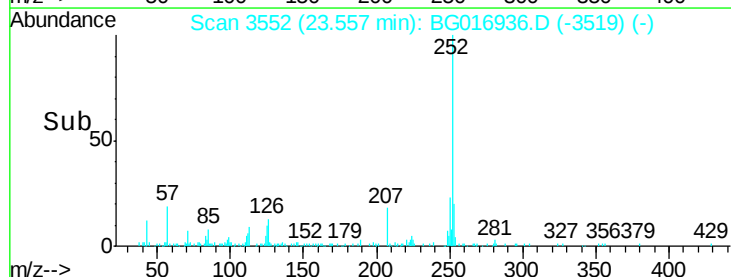
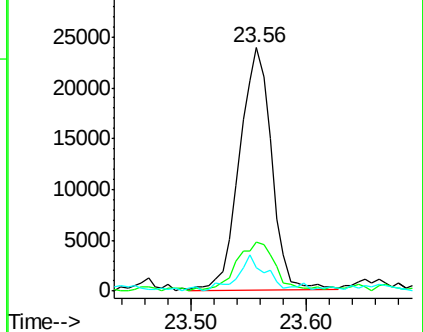
125 9.5 8.5 12.7

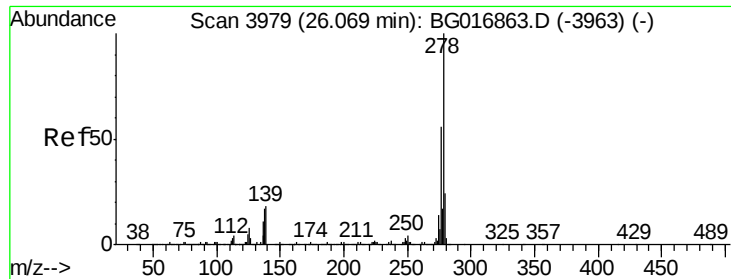


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.03 ng

RT: 26.02 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DBMW-02

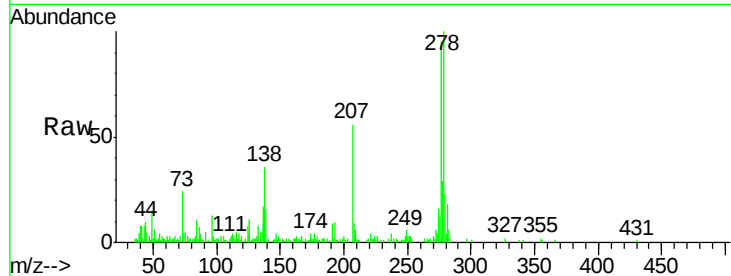
Tgt Ion:278 Resp: 45938

Ion Ratio Lower Upper

278 100

139 15.9 14.2 21.2

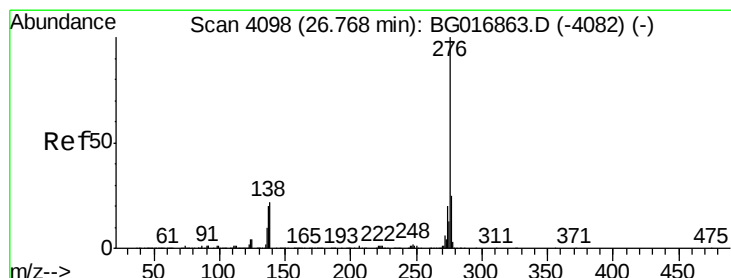
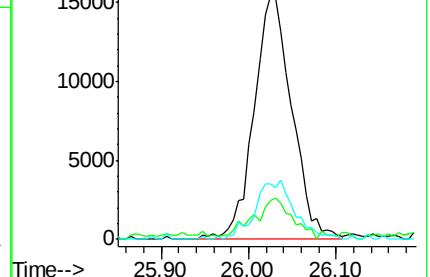
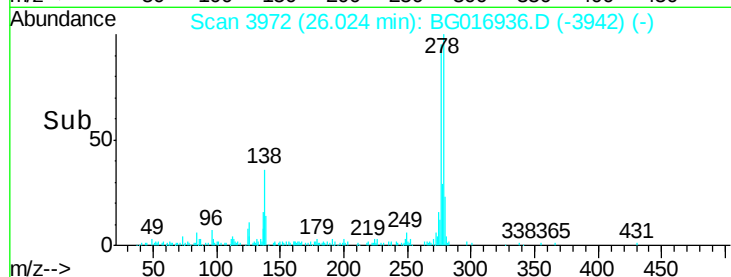
279 23.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.09 ng

RT: 26.73 min Scan# 4092

Delta R.T. -0.03 min

Lab File: BG016936.D

Acq: 8 May 2015 00:43

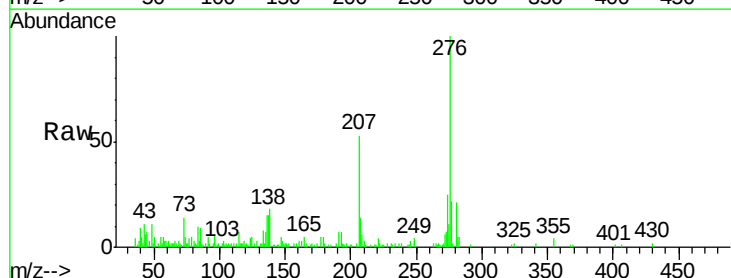
Tgt Ion:276 Resp: 45119

Ion Ratio Lower Upper

276 100

277 22.0 19.6 29.4

138 17.8 17.5 26.3



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

