

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039771.D
 Acq On : 5 Mar 2019 19:25
 Operator : JU/SJ
 Sample : K1727-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Quant Time: Mar 06 00:43:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39060	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	176942	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	127500	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	318993	20.00	ng	0.00
76) Chrysene-d12	21.81	240	316377	20.00	ng	-0.01
87) Perylene-d12	25.19	264	316755	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	130751	57.11	ng	-0.01
7) Phenol-d6	7.30	99	121673	35.64	ng	-0.01
23) Nitrobenzene-d5	9.33	82	274819	84.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	196310	132.10	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	687584	76.78	ng	-0.01
79) Terphenyl-d14	20.12	244	1156959	80.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	56	0.053	ng	# 10
3) Pyridine	4.06	79	58	0.020	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	206	0.153	ng	# 1
6) Aniline	7.35	93	58	0.013	ng	# 25
8) 2-Chlorophenol	7.45	128	55	0.020	ng	# 29
9) Benzaldehyde	7.29	77	131	0.059	ng	# 4
10) Phenol	7.33	94	8558	2.314	ng	99
11) bis(2-Chloroethyl)ether	7.68	93	317	0.110	ng	# 1
12) 1,3-Dichlorobenzene	8.47	146	68	0.022	ng	# 1
13) 1,4-Dichlorobenzene	8.47	146	68	0.021	ng	# 1
14) 1,2-Dichlorobenzene	8.47	146	68	0.022	ng	# 1
15) Benzyl Alcohol	8.48	79	4147	1.531	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	8.40	45	60	0.010	ng	75
19) n-Nitroso-di-n-propylamine	9.34	70	36214	14.738	ng	# 68
24) Nitrobenzene	9.33	77	963	0.281	ng	# 37
28) bis(2-Chloroethoxy)methane	10.28	93	54	0.013	ng	# 51
41) Hexachlorocyclopentadiene	13.04	237	67	0.029	ng	# 27
46) 1,1'-Biphenyl	13.61	154	918	0.088	ng	85
48) 2-Nitroaniline	13.63	65	54	0.021	ng	# 10
49) Acenaphthylene	14.90	152	57	0.004	ng	# 59
50) Dimethylphthalate	14.23	163	20954	1.965	ng	# 98
51) 2,6-Dinitrotoluene	14.78	165	16501	7.301	ng	# 23
52) Acenaphthene	14.78	154	471	0.060	ng	# 5
53) 3-Nitroaniline	15.15	138	57	0.025	ng	# 1
57) 2,4-Dinitrotoluene	14.78	165	16501	5.196	ng	# 18
58) Fluorene	16.26	166	8541	0.850	ng	# 91
60) Diethylphthalate	15.58	149	953	0.090	ng	# 88
63) Azobenzene	16.13	77	59	0.006	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.26	198	628	0.333	ng	# 1
66) n-Nitrosodiphenylamine	16.27	169	8610	0.932	ng	# 48
67) 4-Bromophenyl-phenylether	16.26	248	15447	4.326	ng	# 1
71) Phenanthrene	17.57	178	191	0.011	ng	# 1
72) Anthracene	17.57	178	191	0.011	ng	# 1
74) Di-n-butylphthalate	18.46	149	1393	0.077	ng	# 70

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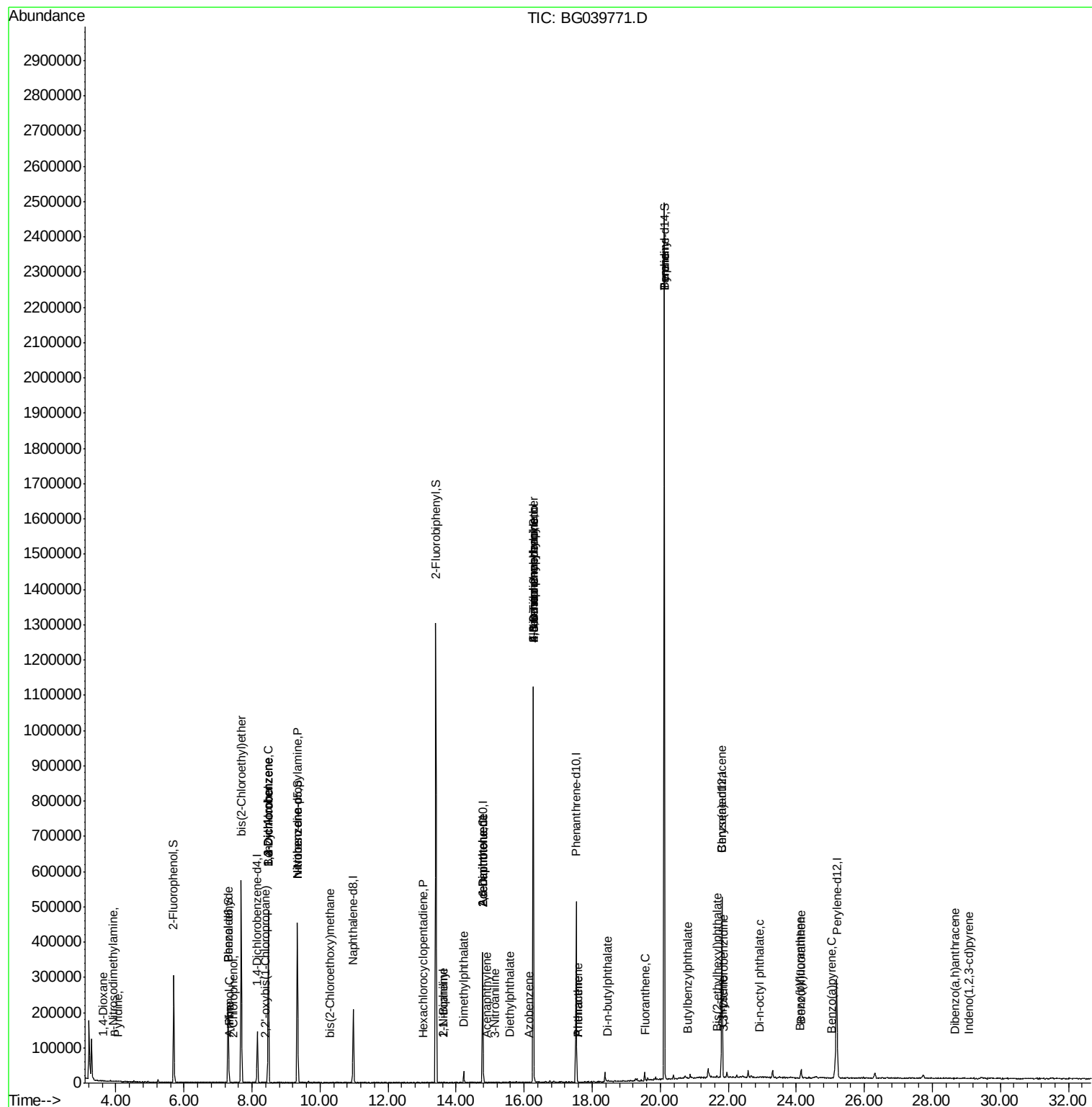
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.56	202	57	0.003	ng	63
77) Benzdine	20.12	184	20492	2.041	ng	# 94
78) Pyrene	20.12	202	4475	0.218	ng	# 63
80) Butylbenzylphthalate	20.80	149	361	0.045	ng	# 79
81) Benzo(a)anthracene	21.82	228	882	0.044	ng	92
82) 3,3'-Dichlorobenzidine	21.87	252	55	0.008	ng	# 26
83) Chrysene	21.85	228	59	0.003	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.66	149	2020	0.180	ng	# 93
85) Di-n-octyl phthalate	22.93	149	240	0.013	ng	# 1
86) Indeno(1,2,3-cd)pyrene	29.06	276	69	0.003	ng	# 54
88) Benzo(b)fluoranthene	24.11	252	182	0.010	ng	# 60
89) Benzo(k)fluoranthene	24.15	252	170	0.010	ng	# 1
90) Benzo(a)pyrene	25.03	252	69	0.004	ng	# 59
91) Dibenzo(a,h)anthracene	28.67	278	58	0.003	ng	# 56

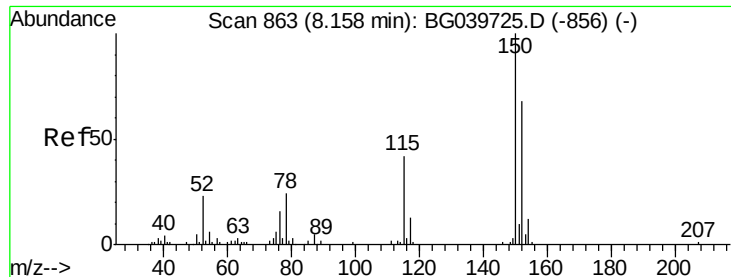
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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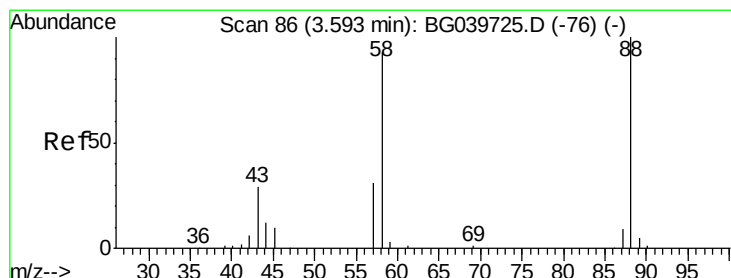
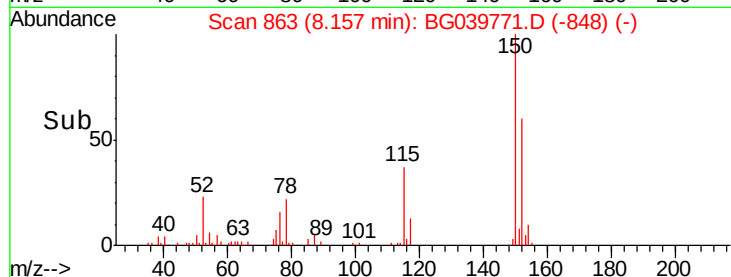
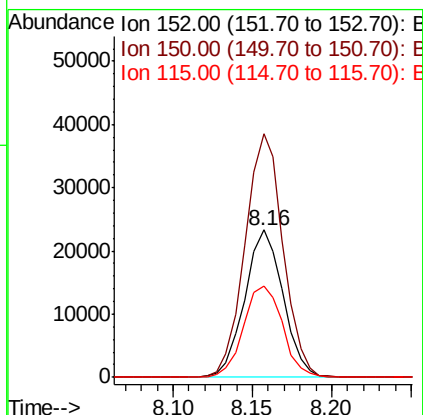
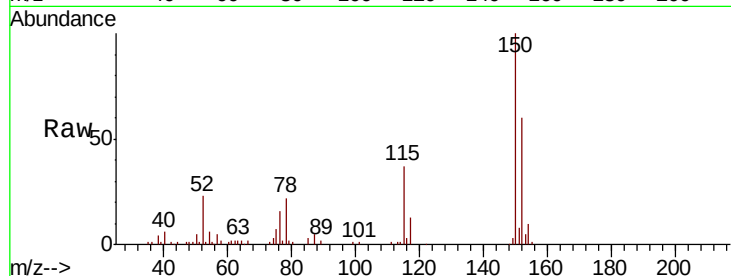


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Instrument :
BNA_G
ClientSampleId :
MW-8

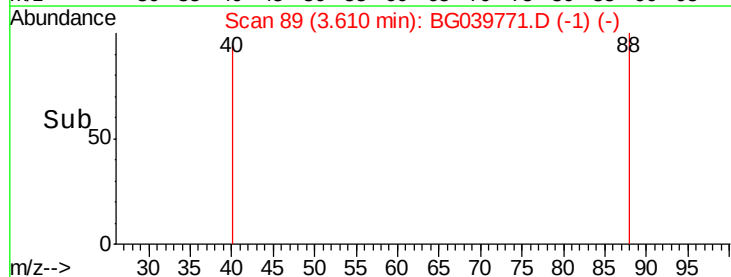
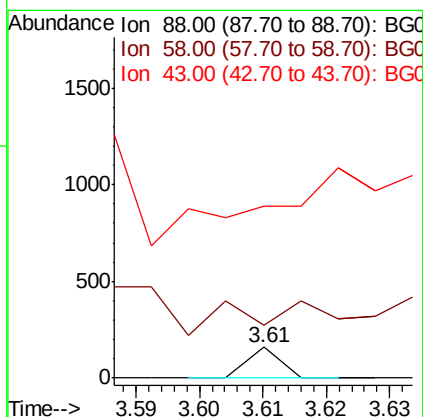
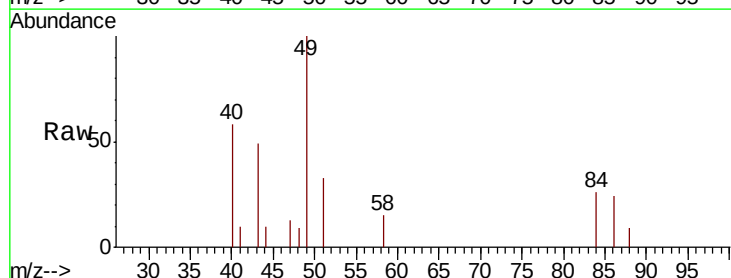
Tgt Ion:152 Resp: 39060
Ion Ratio Lower Upper
152 100
150 165.3 123.7 185.5
115 61.6 45.9 68.9

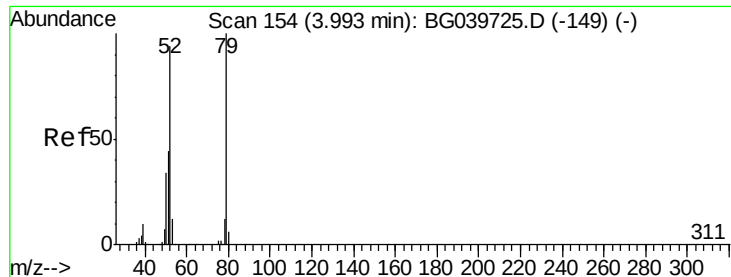


#2

1,4-Dioxane
Concen: 0.053 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.00 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 0.0 81.1 121.7#
43 0.0 31.4 47.0#





#3

Pyridine

Concen: 0.020 ng

RT: 4.06 min Scan# 166

Delta R.T. 0.06 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

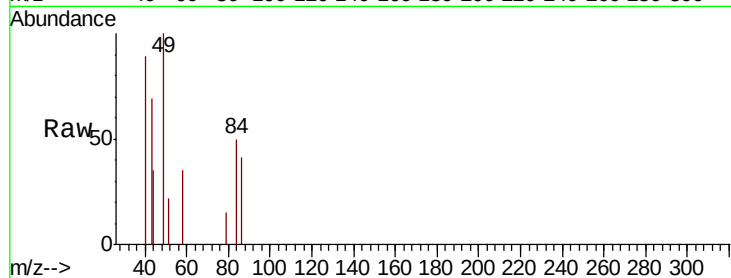
Tgt Ion: 79 Resp: 58

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

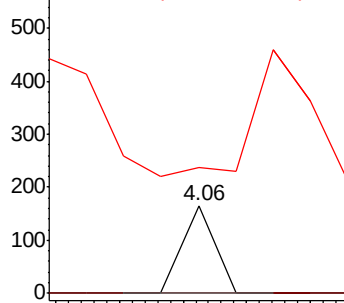
51 144.2 37.5 56.3#



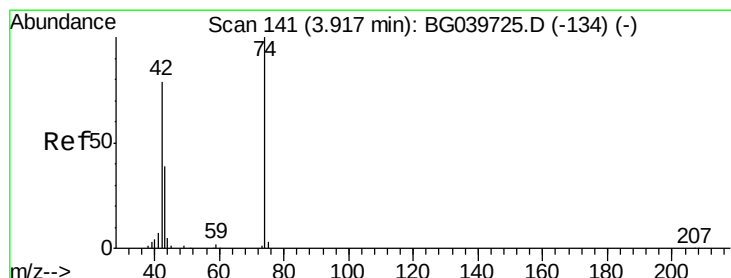
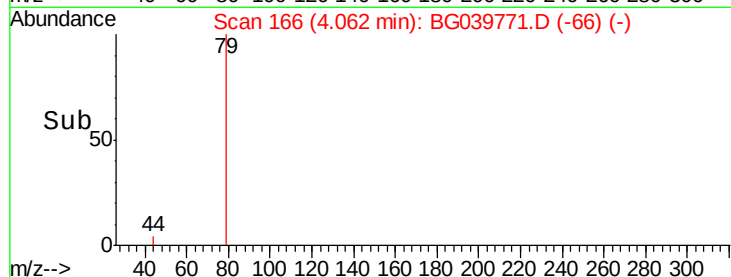
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.153 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

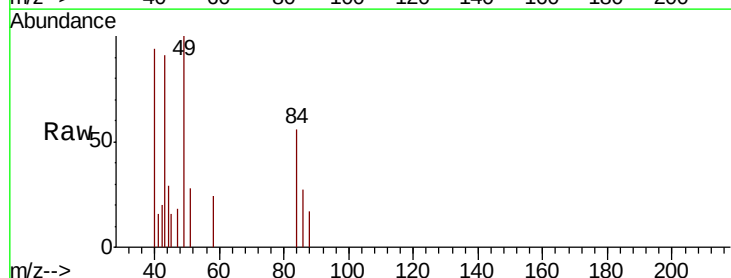
Tgt Ion: 42 Resp: 206

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

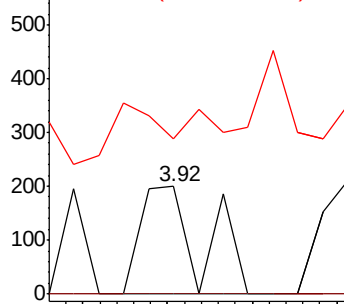
44 144.0 6.9 10.3#



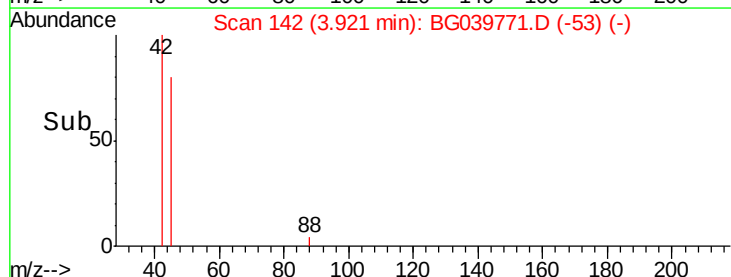
Abundance Ion 42.00 (41.70 to 42.70): BGC

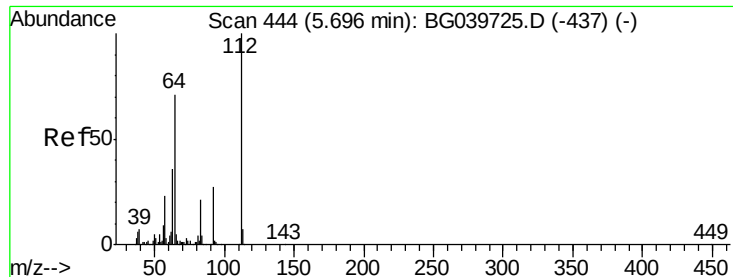
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 57.108 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

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ClientSampleId :

MW-8

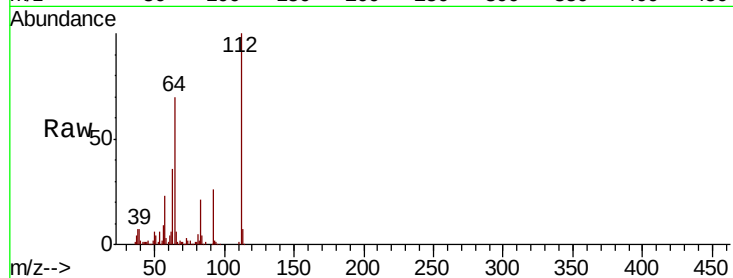
Tgt Ion: 112 Resp: 130751

Ion Ratio Lower Upper

112 100

64 70.4 57.8 86.8

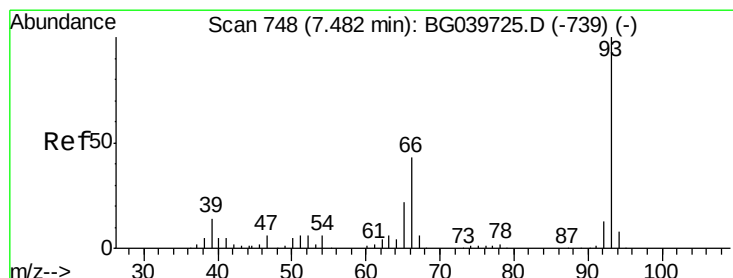
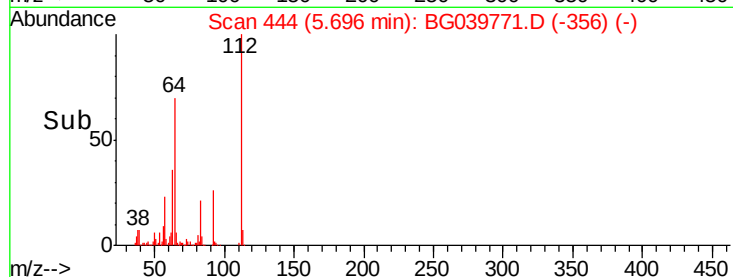
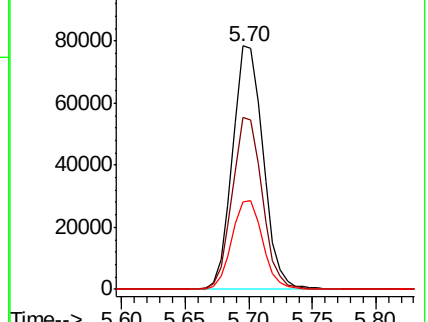
63 35.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.013 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.14 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

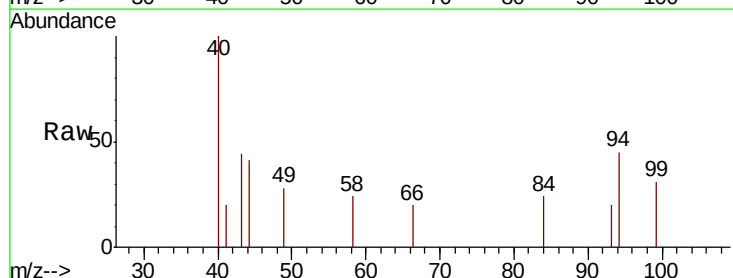
Tgt Ion: 93 Resp: 58

Ion Ratio Lower Upper

93 100

66 100.0 34.2 51.4#

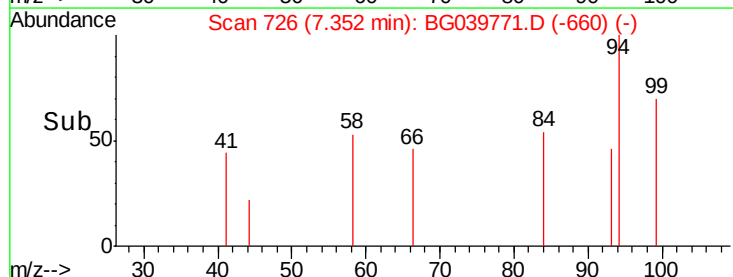
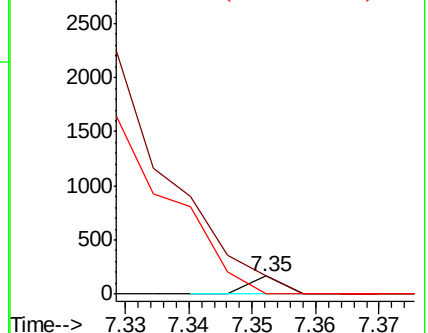
65 0.0 17.7 26.5#

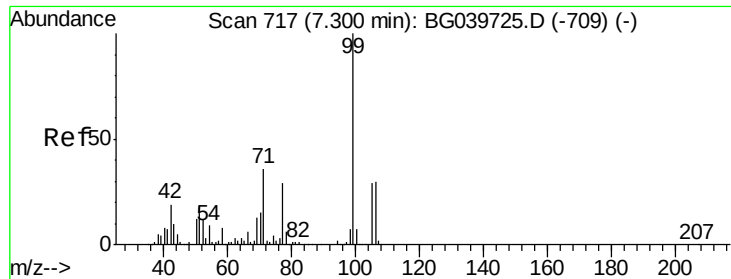


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 35.641 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

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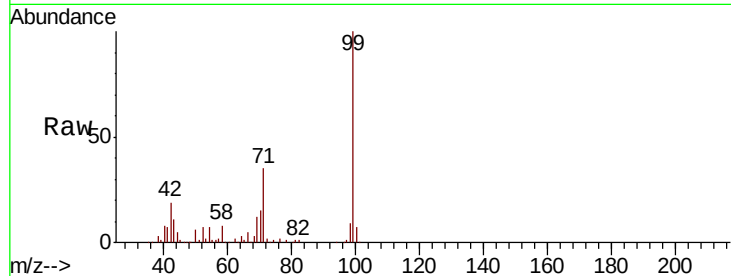
Tgt Ion: 99 Resp: 121673

Ion Ratio Lower Upper

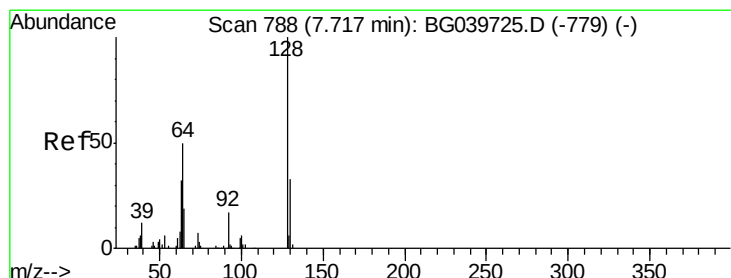
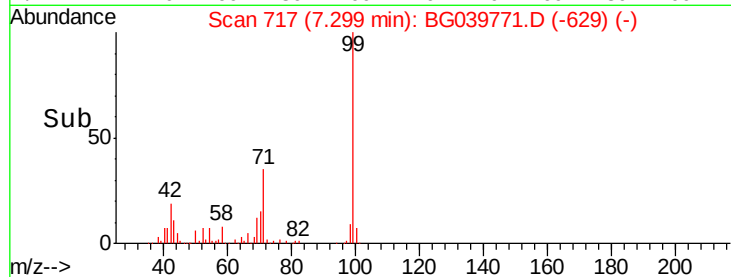
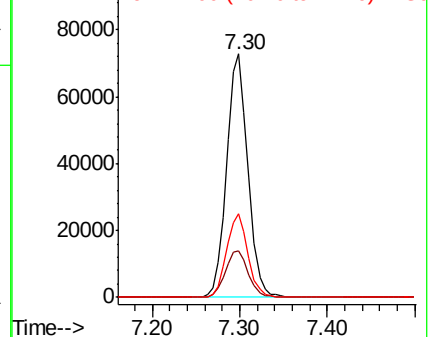
99 100

42 18.9 18.2 27.2

71 34.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 0.020 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.27 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

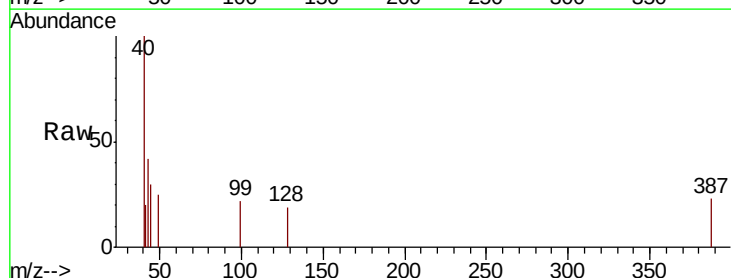
Tgt Ion: 128 Resp: 55

Ion Ratio Lower Upper

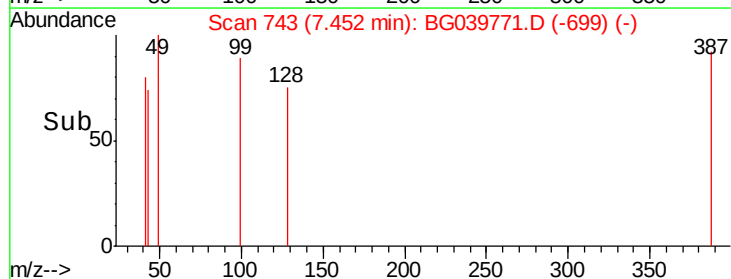
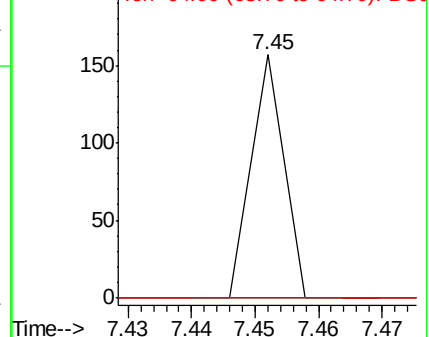
128 100

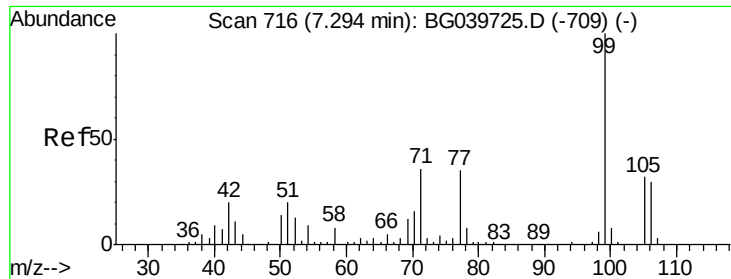
130 0.0 12.9 52.9#

64 0.0 38.7 78.7#



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





#9

Benzaldehyde

Concen: 0.059 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039771.D

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MW-8

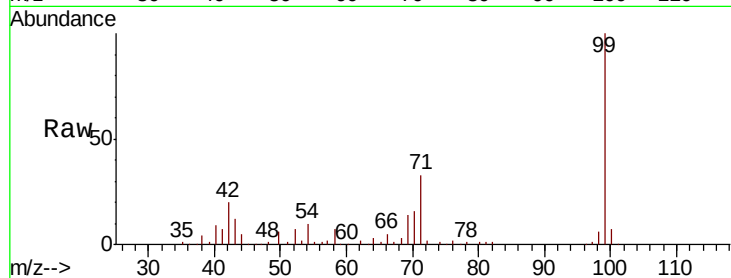
Tgt Ion: 77 Resp: 131

Ion Ratio Lower Upper

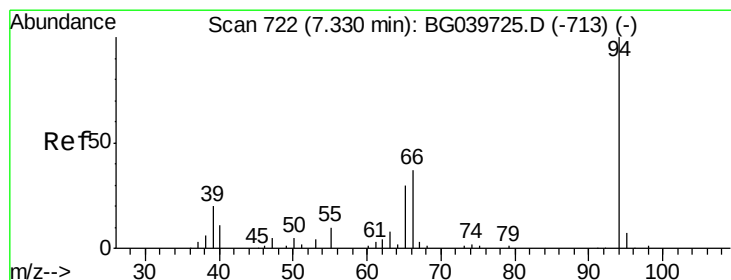
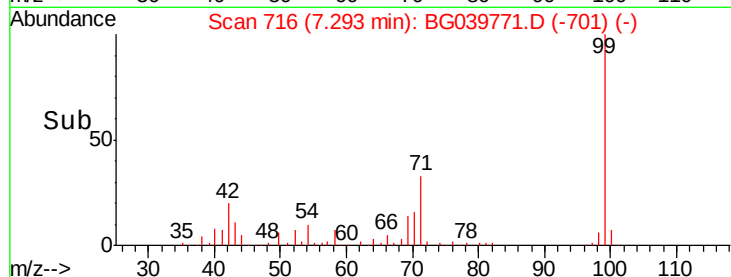
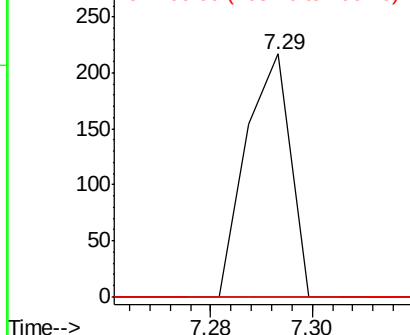
77 100

105 0.0 74.5 114.5#

106 0.0 68.0 108.0#



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: 2.314 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

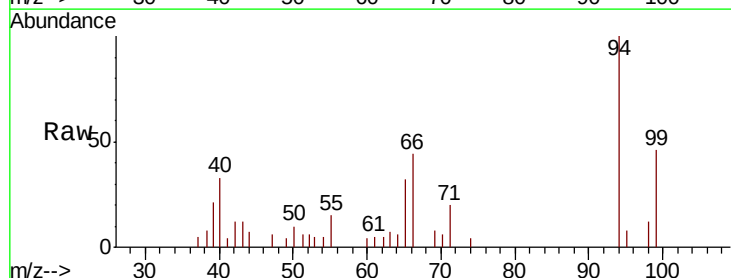
Tgt Ion: 94 Resp: 8558

Ion Ratio Lower Upper

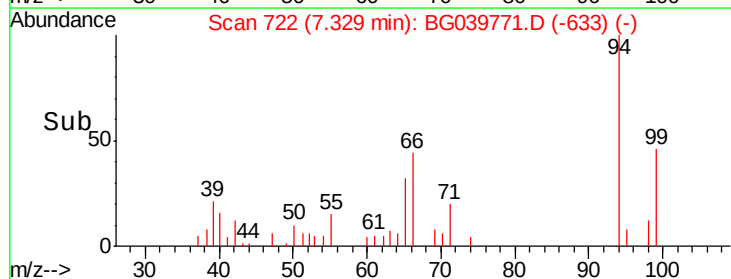
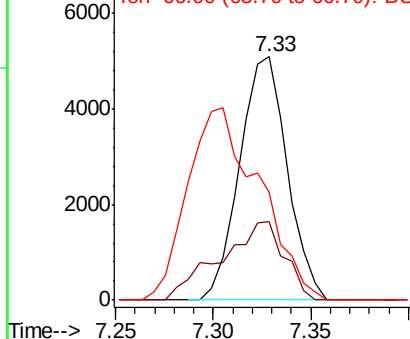
94 100

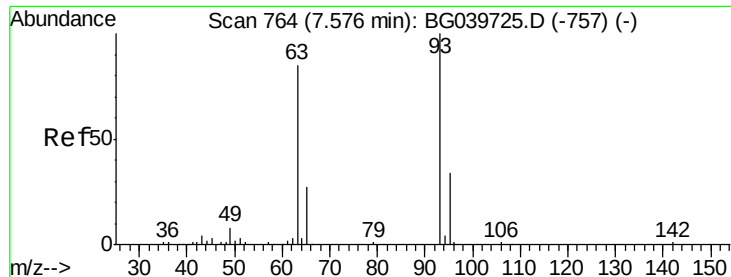
65 32.3 11.7 51.7

66 44.2 23.7 63.7



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

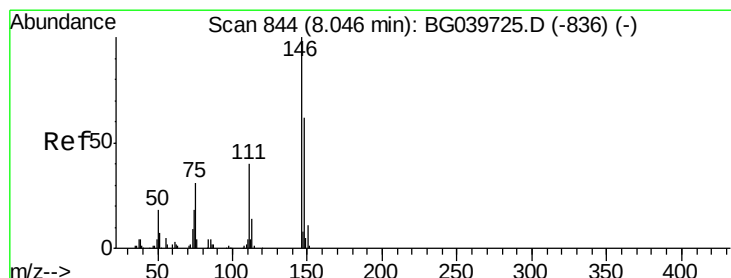
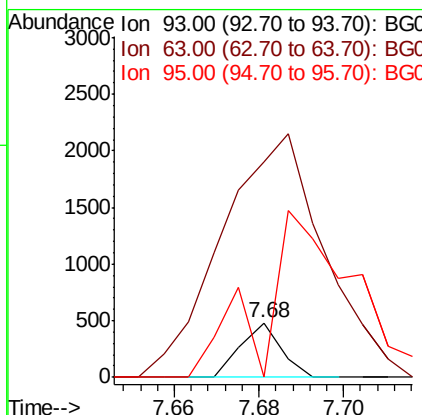
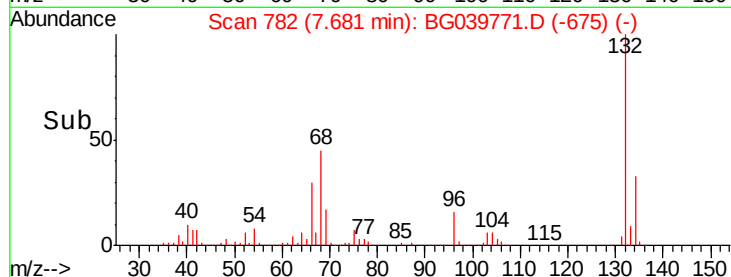
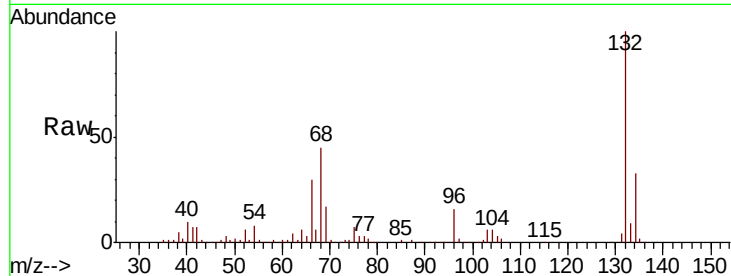




#11
 bis(2-Chloroethyl)ether
 Concen: 0.110 ng
 RT: 7.68 min Scan# 782
 Delta R.T. 0.10 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

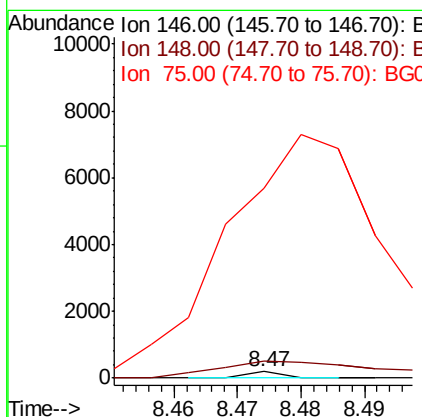
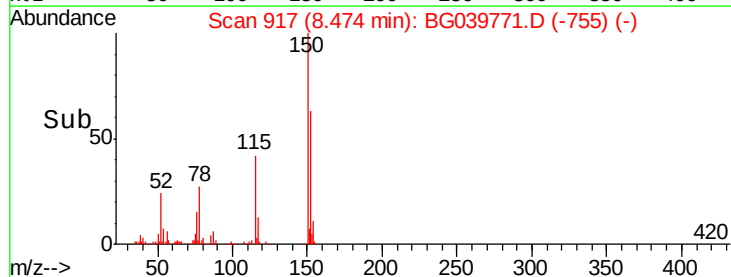
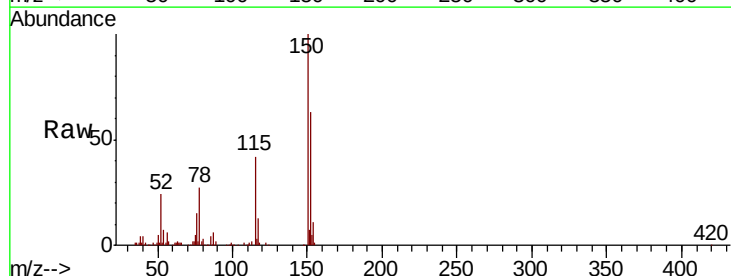
Instrument :
 BNA_G
 ClientSampleId :
 MW-8

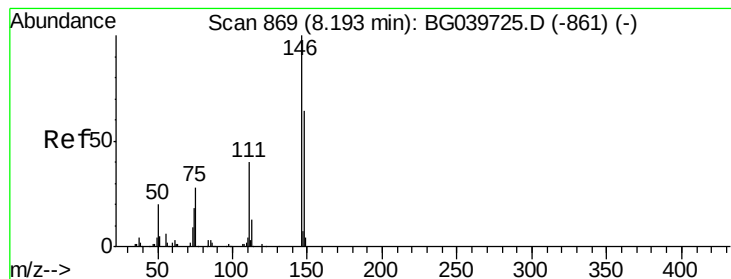
Tgt Ion: 93 Resp: 317
 Ion Ratio Lower Upper
 93 100
 63 397.7 69.5 109.5#
 95 0.0 12.7 52.7#



#12
 1,3-Dichlorobenzene
 Concen: 0.022 ng
 RT: 8.47 min Scan# 917
 Delta R.T. 0.42 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Tgt Ion: 146 Resp: 68
 Ion Ratio Lower Upper
 146 100
 148 256.3 52.6 79.0#
 75 2967.7 25.8 38.6#





#13

1,4-Dichlorobenzene

Concen: 0.021 ng

RT: 8.47 min Scan# 917

Delta R.T. 0.27 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

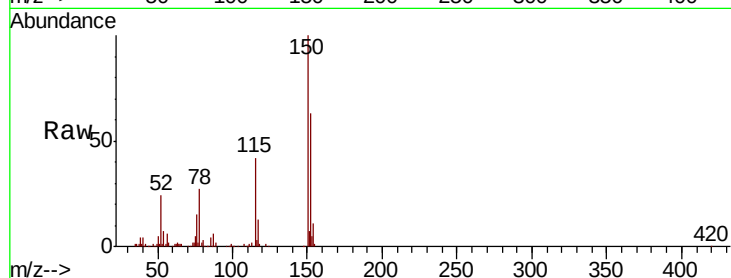
Tgt Ion:146 Resp: 68

Ion Ratio Lower Upper

146 100

148 256.3 51.1 76.7#

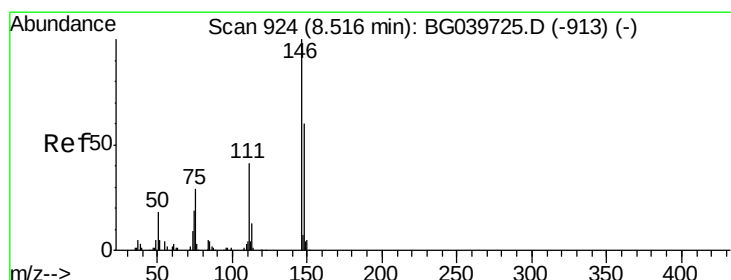
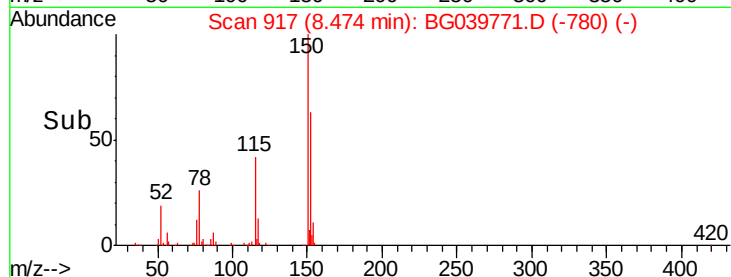
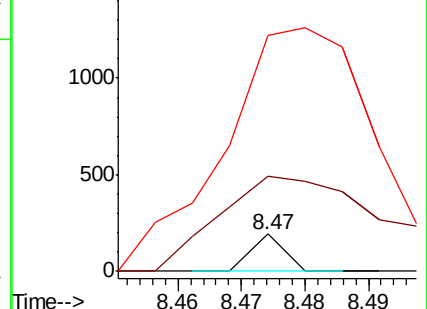
111 637.0 32.6 48.8#



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



#14

1,2-Dichlorobenzene

Concen: 0.022 ng

RT: 8.47 min Scan# 917

Delta R.T. -0.05 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

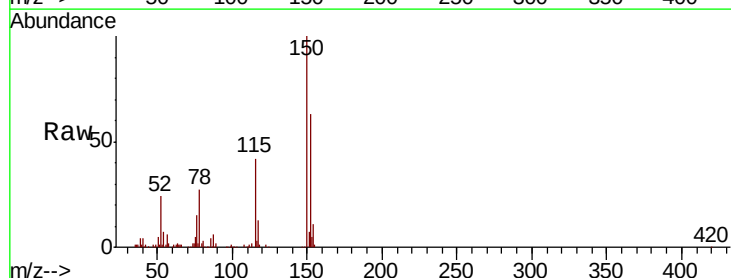
Tgt Ion:146 Resp: 68

Ion Ratio Lower Upper

146 100

148 256.3 51.5 77.3#

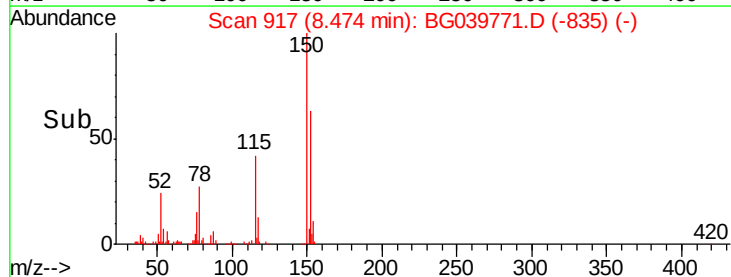
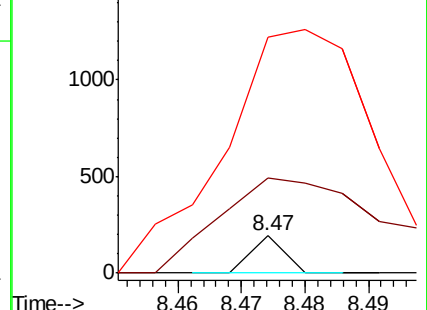
111 637.0 33.8 50.6#

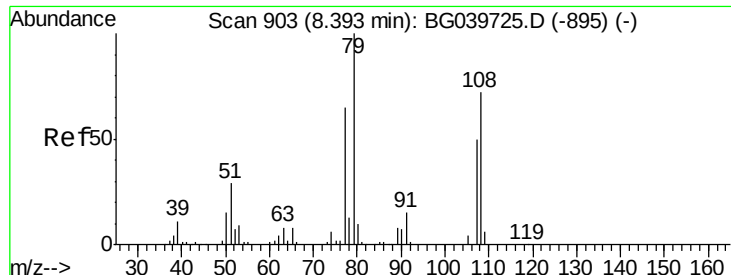


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.531 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.07 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

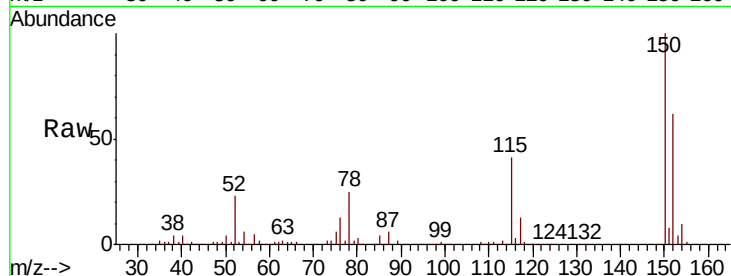
Tgt Ion: 79 Resp: 4147

Ion Ratio Lower Upper

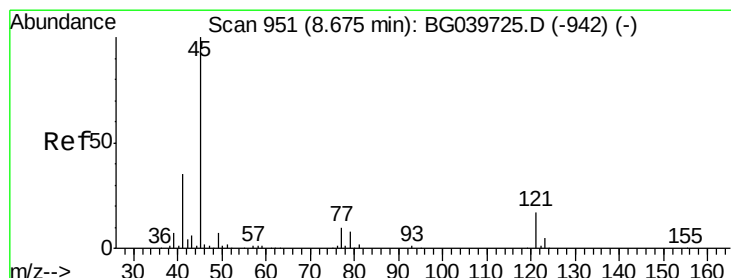
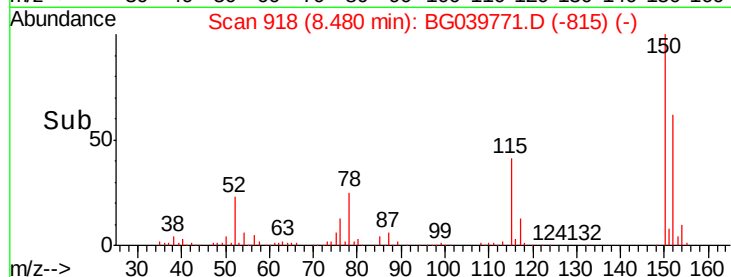
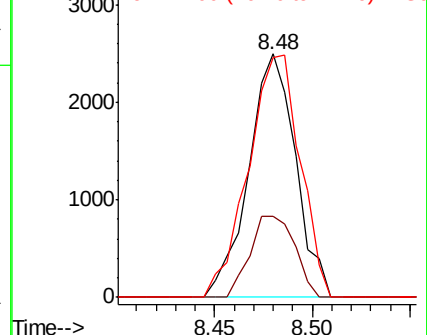
79 100

108 33.5 57.8 86.6#

77 98.6 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.010 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.28 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

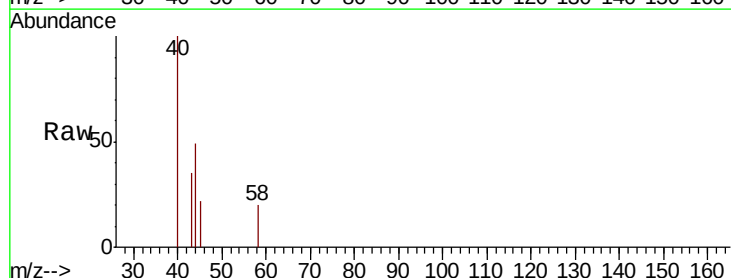
Tgt Ion: 45 Resp: 60

Ion Ratio Lower Upper

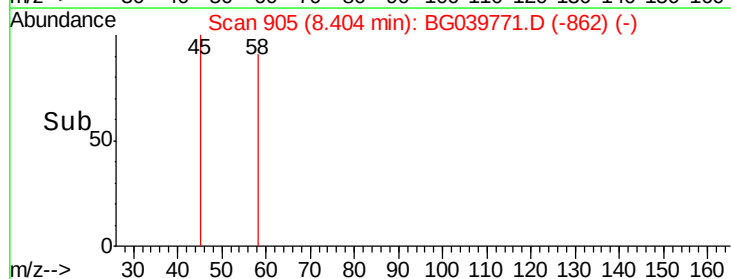
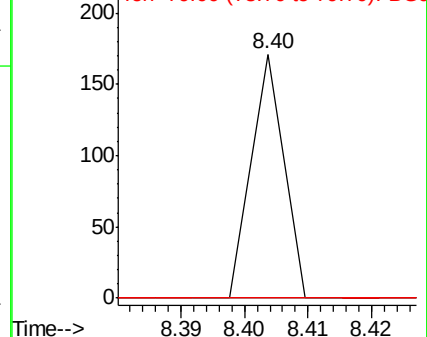
45 100

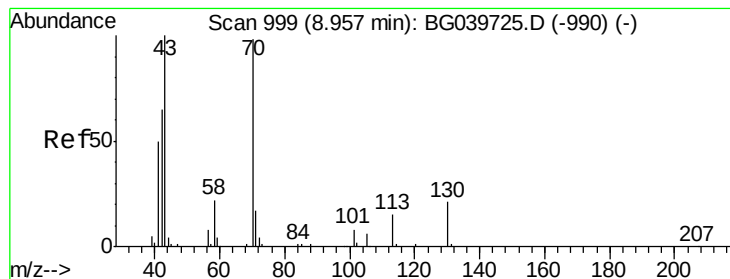
77 0.0 0.0 30.0

79 0.0 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 14.738 ng

RT: 9.34 min Scan# 1064

Delta R.T. 0.37 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

Tgt Ion: 70 Resp: 36214

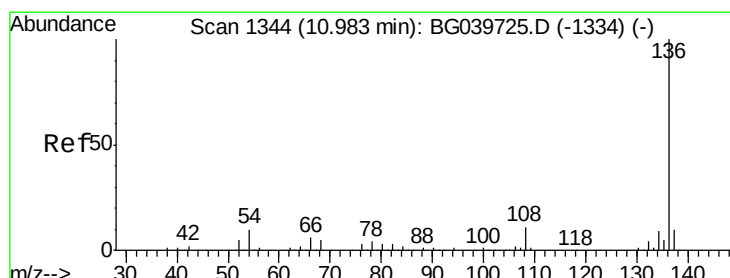
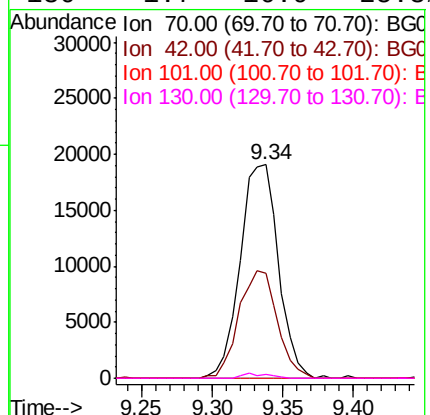
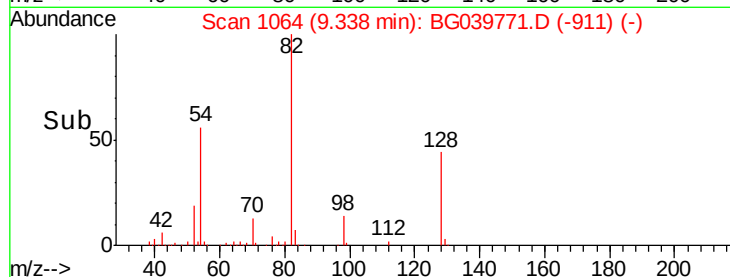
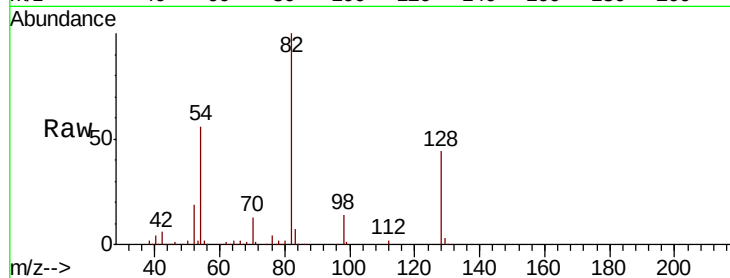
Ion Ratio Lower Upper

70 100

42 49.3 60.4 90.6#

101 0.0 7.5 11.3#

130 1.7 16.9 25.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Tgt Ion: 136 Resp: 176942

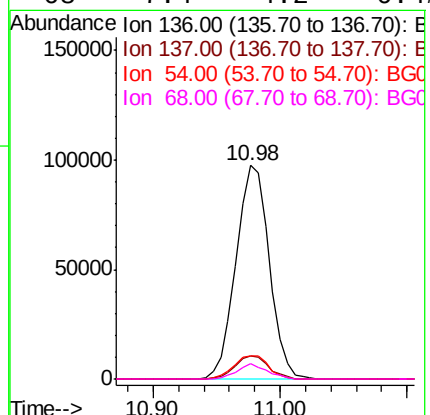
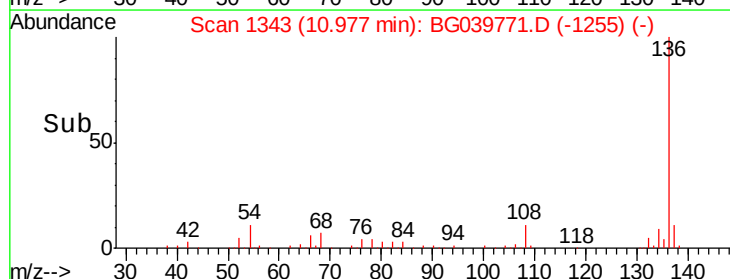
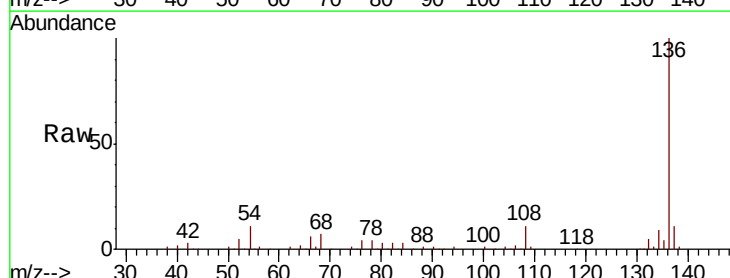
Ion Ratio Lower Upper

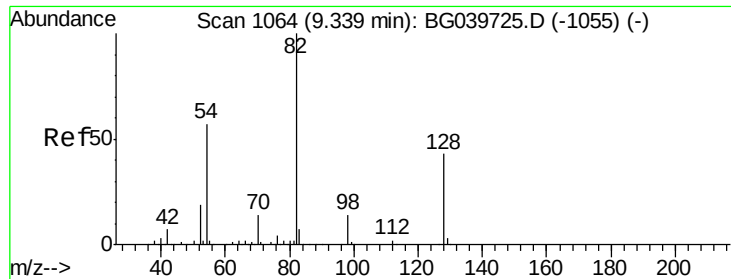
136 100

137 10.7 9.1 13.7

54 11.1 9.4 14.2

68 7.4 4.2 6.4#

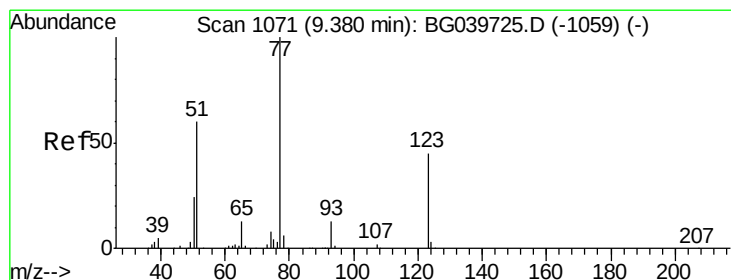
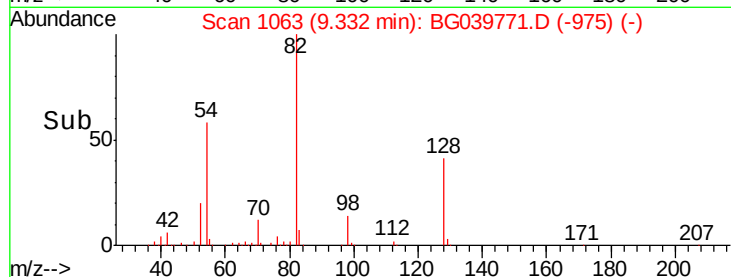
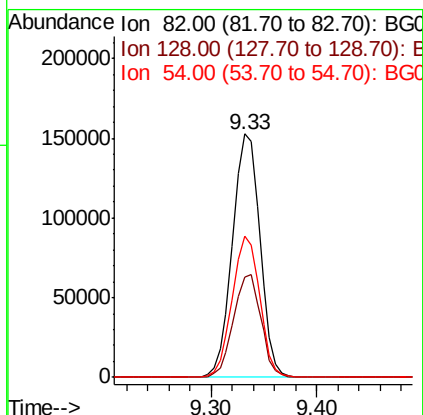
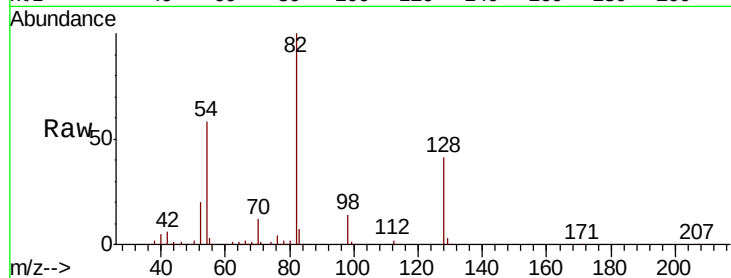




#23
 Nitrobenzene-d5
 Concen: 84.001 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

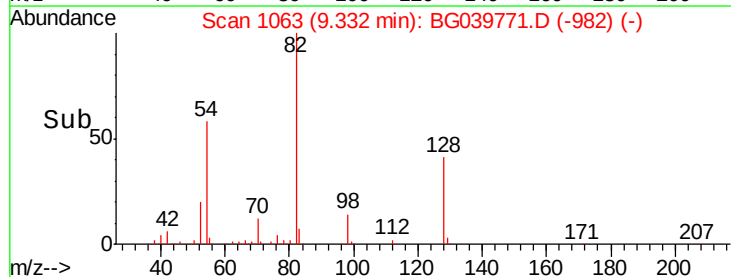
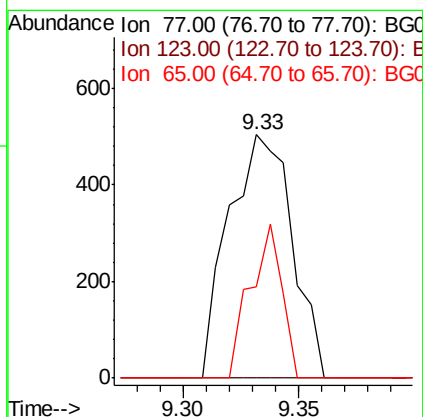
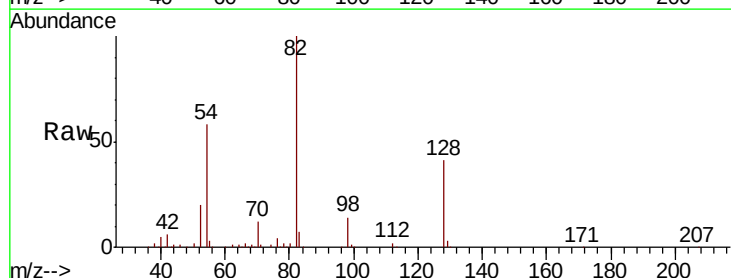
Instrument :
 BNA_G
 ClientSampleId :
 MW-8

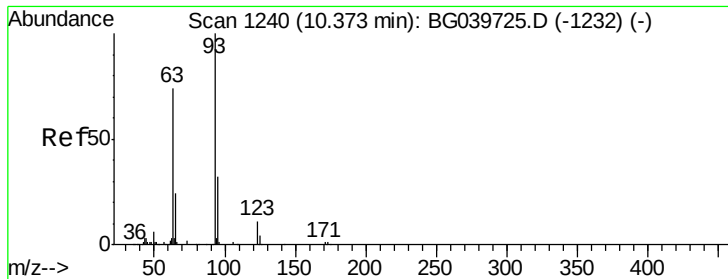
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	58.0	50.9	76.3



#24
 Nitrobenzene
 Concen: 0.281 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.05 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	37.5	12.3	18.5#

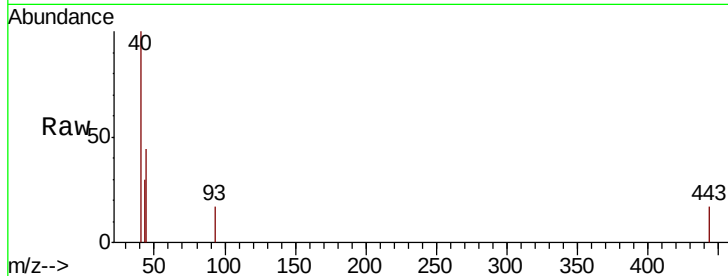




#28
bis(2-Chloroethoxy)methane
Concen: 0.013 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.10 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

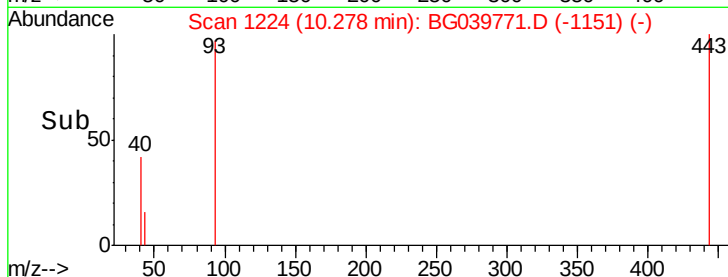
Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
95 0.0 25.0 37.4#
123 0.0 8.6 12.8#

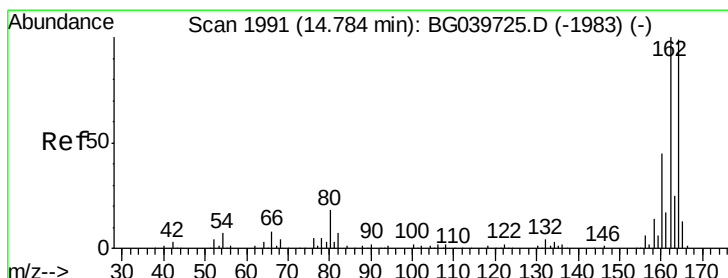


Abundance Ion 93.00 (92.70 to 93.70): BG039771.D (-1151) (-)
Ion 95.00 (94.70 to 95.70): BG039771.D (-1151) (-)
Ion 123.00 (122.70 to 123.70): BG039771.D (-1151) (-)

10.28

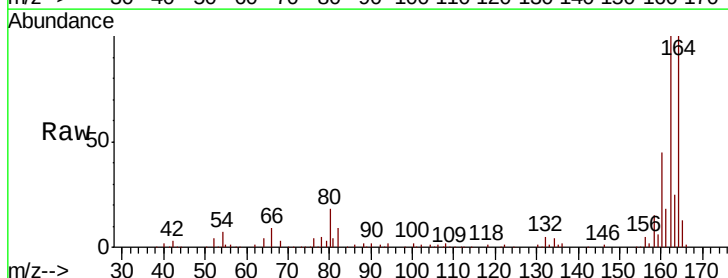


Time-->



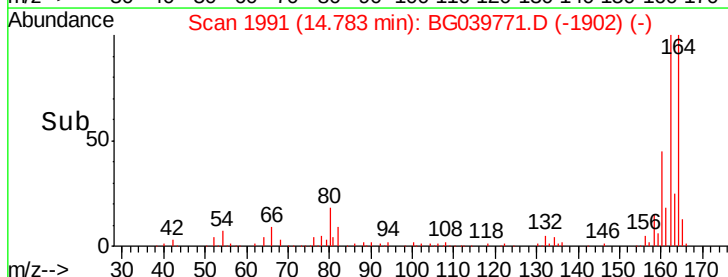
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion: 164 Resp: 127500
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 44.9 34.2 51.2

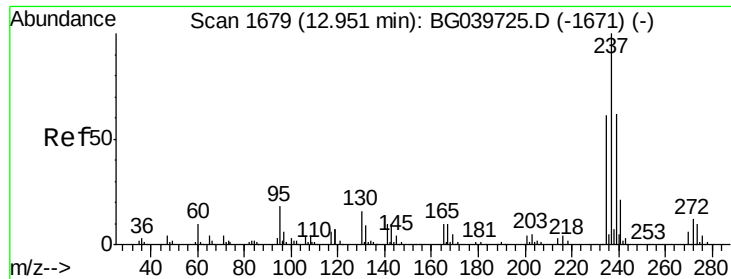


Abundance Ion 164.00 (163.70 to 164.70): BG039771.D (-1902) (-)
Ion 162.00 (161.70 to 162.70): BG039771.D (-1902) (-)
Ion 160.00 (159.70 to 160.70): BG039771.D (-1902) (-)

14.78



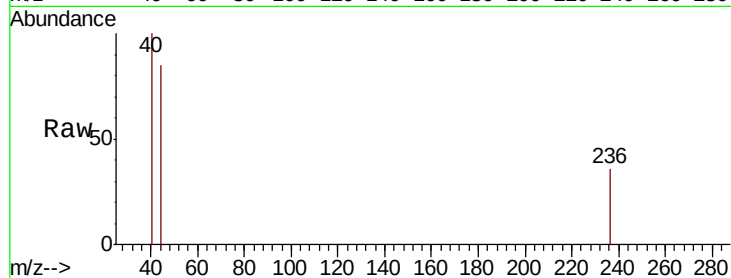
Time-->



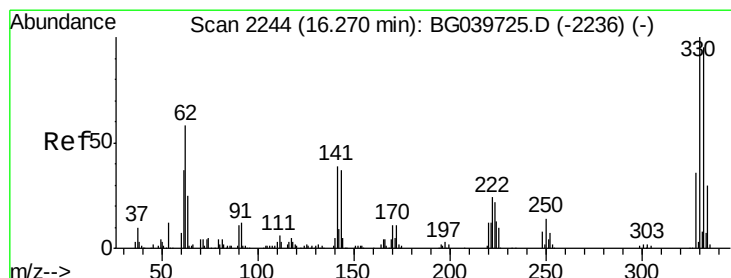
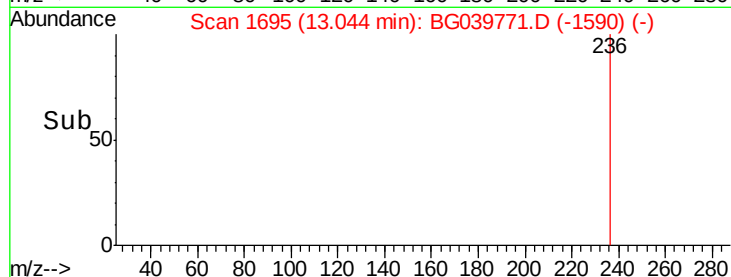
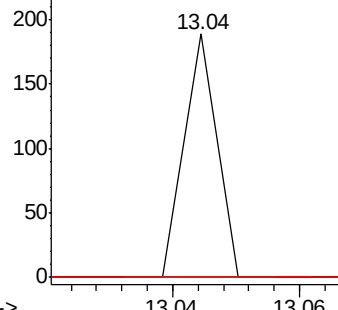
#41
Hexachlorocyclopentadiene
Concen: 0.029 ng
RT: 13.04 min Scan# 1695
Delta R.T. 0.09 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 237 Resp: 67
Ion Ratio Lower Upper
237 100
235 0.0 43.3 83.3#
272 0.0 0.0 32.3

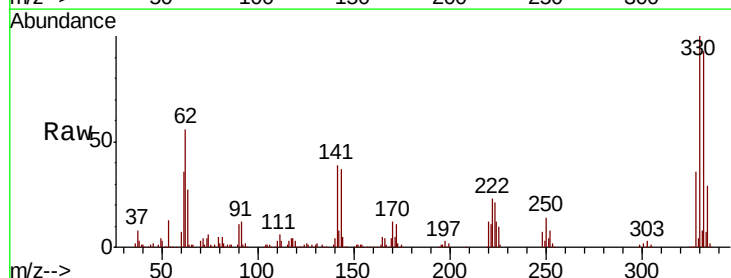


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

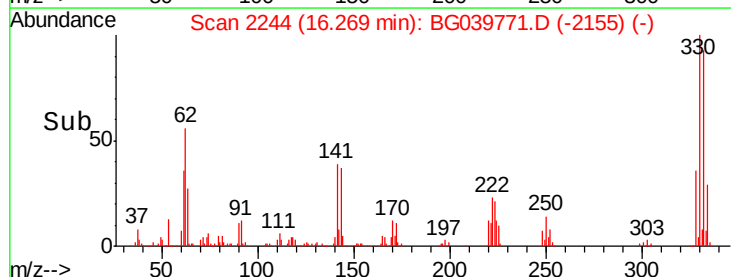
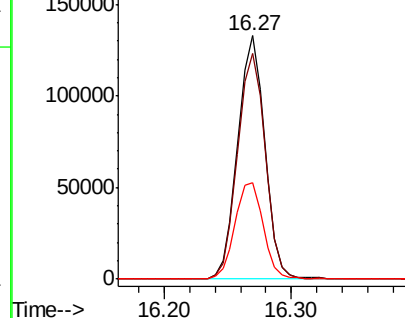


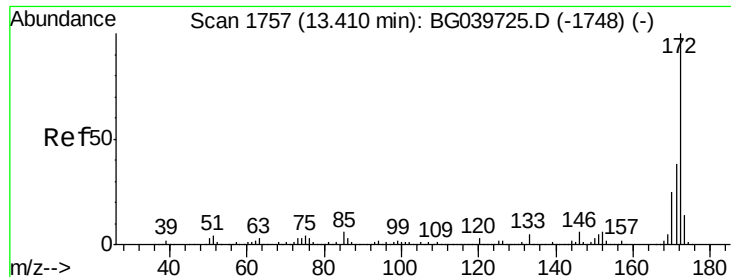
#42
2,4,6-Tribromophenol
Concen: 132.097 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion: 330 Resp: 196310
Ion Ratio Lower Upper
330 100
332 94.5 75.7 113.5
141 41.0 35.6 53.4



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

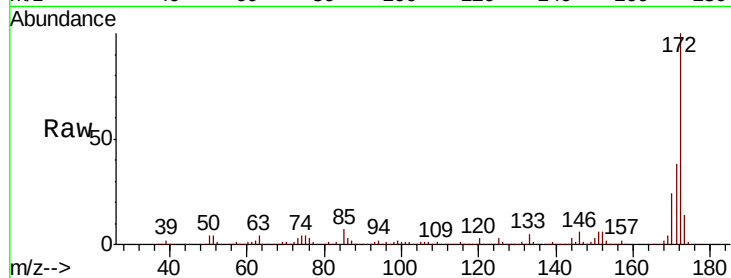




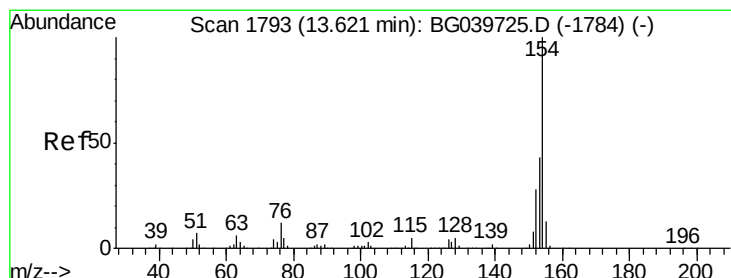
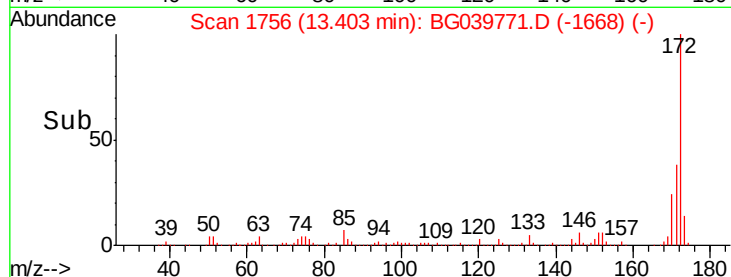
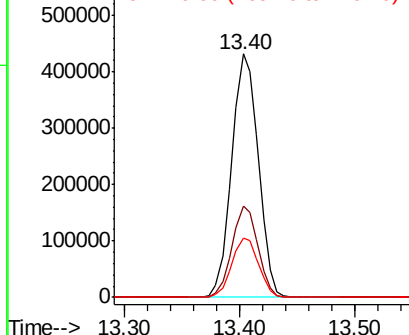
#45
 2-Fluorobiphenyl
 Concen: 76.785 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tgt Ion:172 Resp: 687584
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 24.2 20.2 30.4

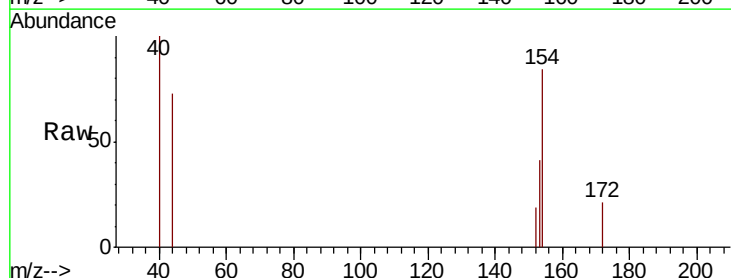


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

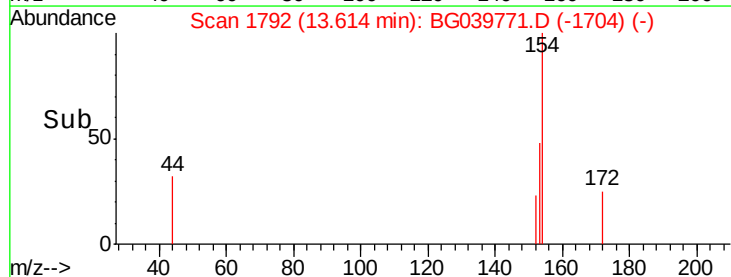
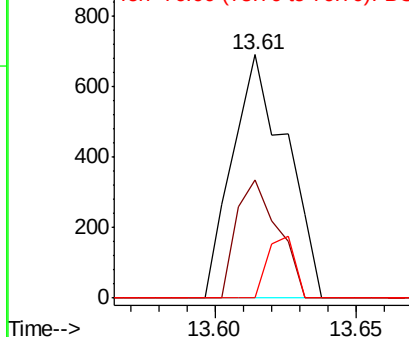


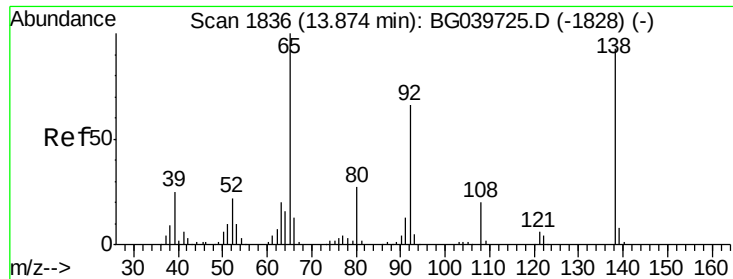
#46
 1,1'-Biphenyl
 Concen: 0.088 ng
 RT: 13.61 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Tgt Ion:154 Resp: 918
 Ion Ratio Lower Upper
 154 100
 153 48.3 22.1 62.1
 76 0.0 0.0 32.4



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): BG





#48

2-Nitroaniline

Concen: 0.021 ng

RT: 13.63 min Scan# 1794

Delta R.T. -0.25 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

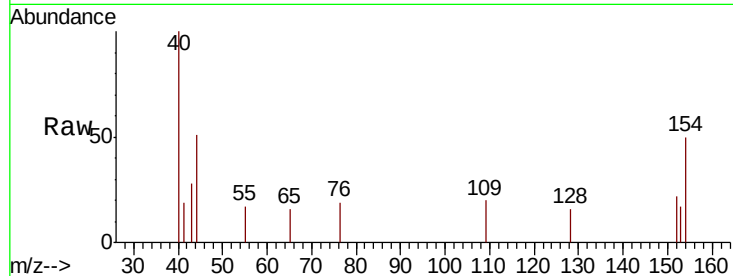
Tgt Ion: 65 Resp: 54

Ion Ratio Lower Upper

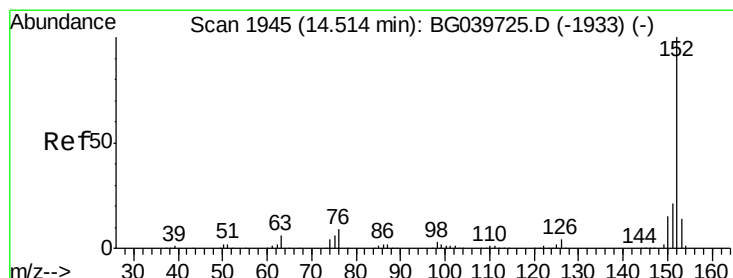
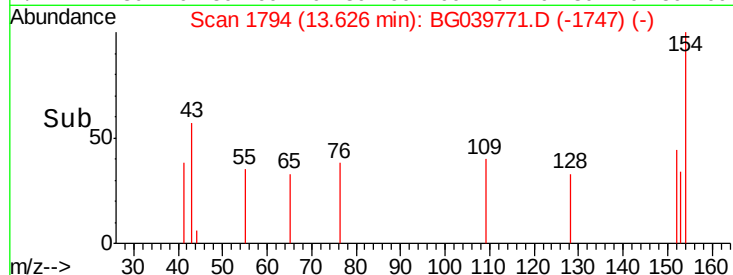
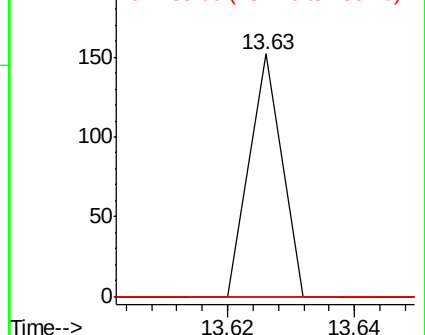
65 100

92 0.0 51.4 77.2#

138 0.0 71.4 107.2#



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



#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.38 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

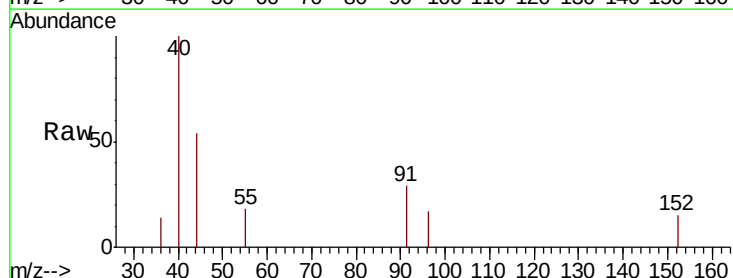
Tgt Ion: 152 Resp: 57

Ion Ratio Lower Upper

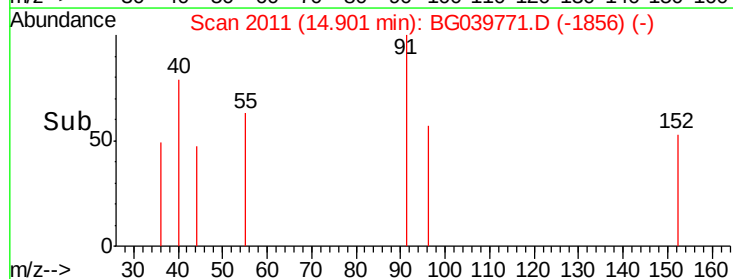
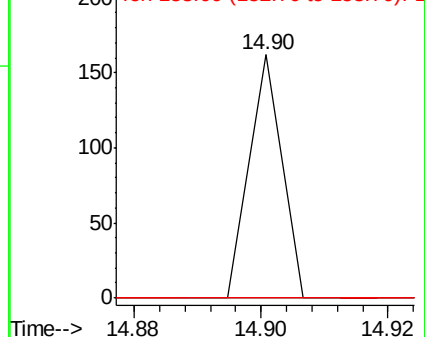
152 100

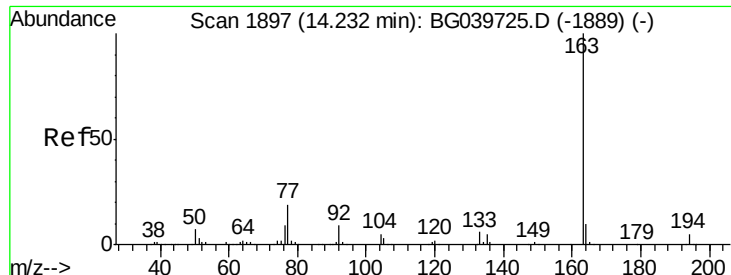
151 0.0 16.8 25.2#

153 0.0 11.7 17.5#



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





#50

Dimethylphthalate

Concen: 1.965 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

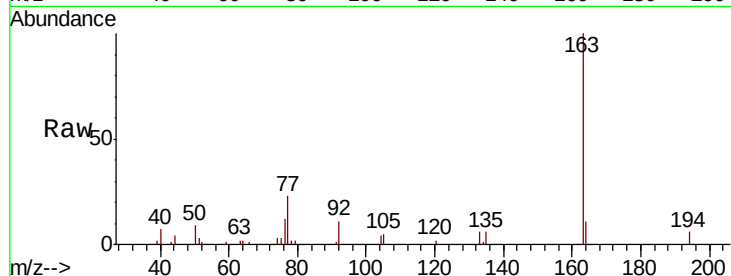
Tgt Ion:163 Resp: 20954

Ion Ratio Lower Upper

163 100

194 5.6 3.6 5.4#

164 10.8 8.4 12.6

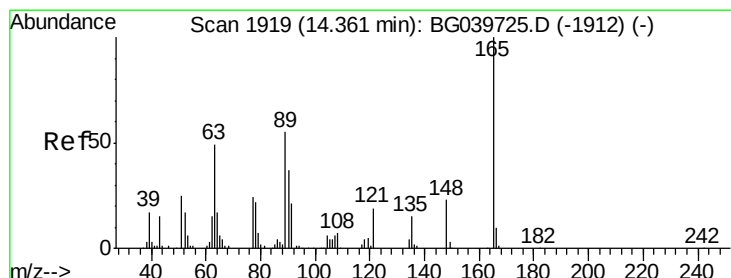
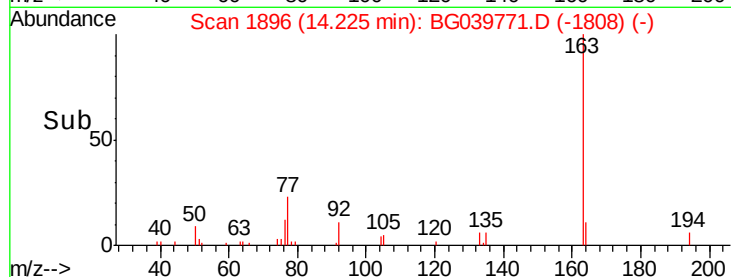
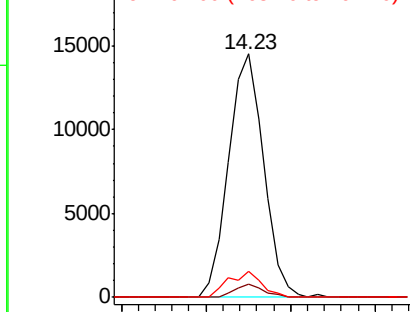


Abundance

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



#51

2,6-Dinitrotoluene

Concen: 7.301 ng

RT: 14.78 min Scan# 1991

Delta R.T. 0.42 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

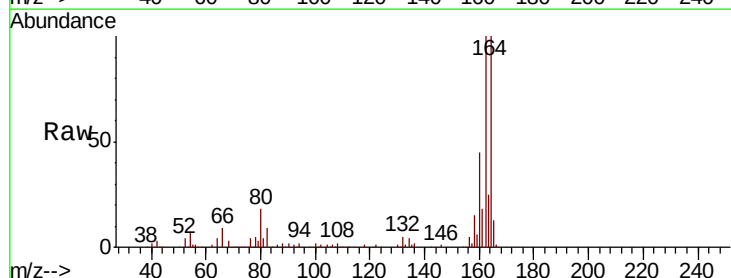
Tgt Ion:165 Resp: 16501

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

89 1.6 45.8 68.8#

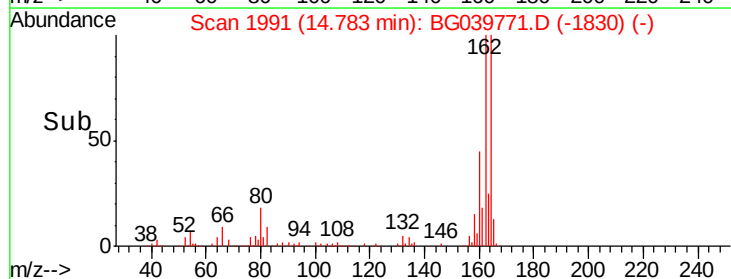
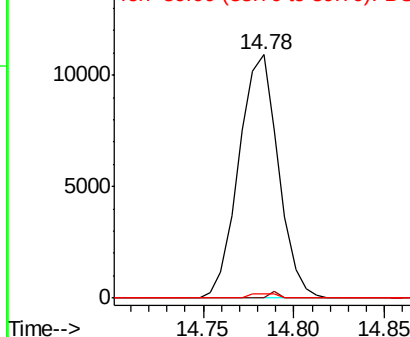


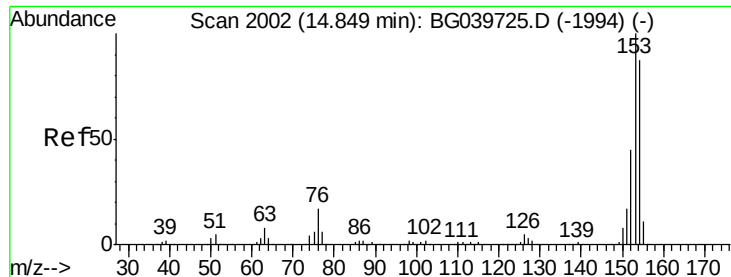
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.060 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.08 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

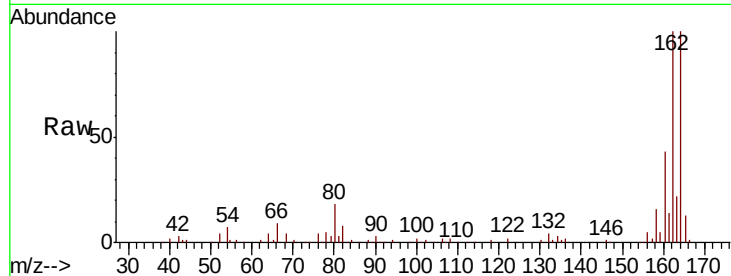
Tgt Ion:154 Resp: 471

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

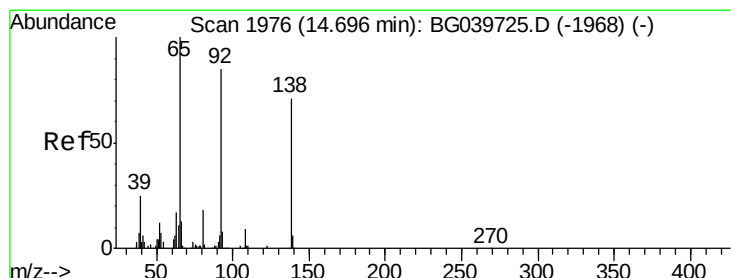
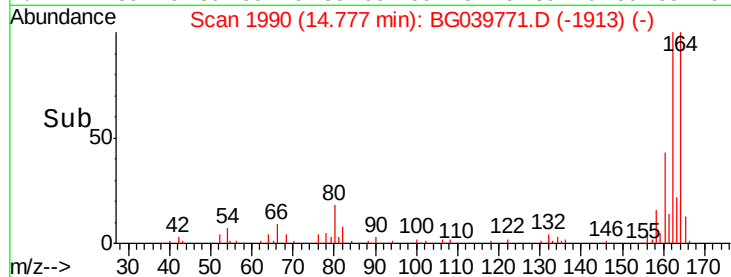
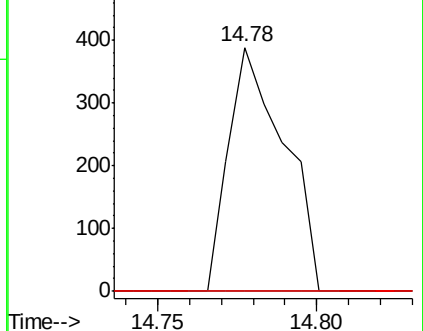
152 0.0 40.9 61.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.025 ng

RT: 15.15 min Scan# 2053

Delta R.T. 0.44 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

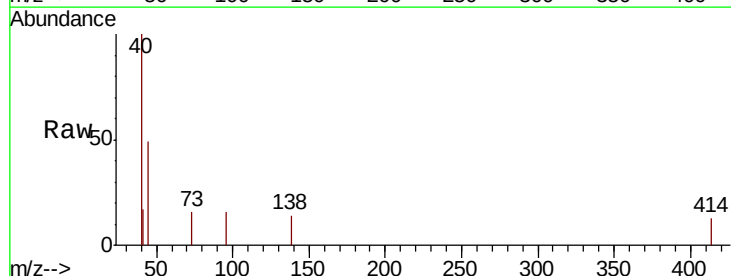
Tgt Ion:138 Resp: 57

Ion Ratio Lower Upper

138 100

108 0.0 13.8 20.8#

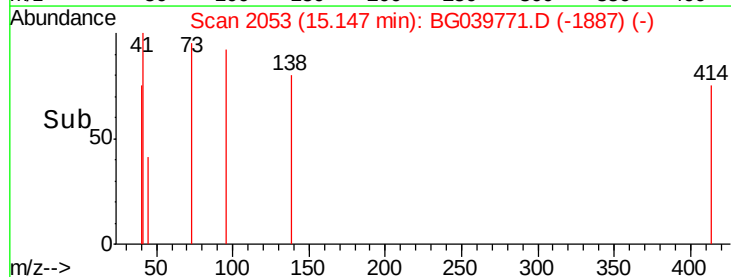
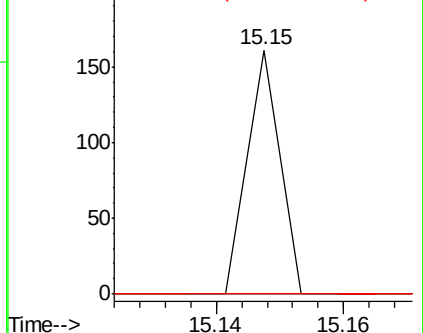
92 0.0 103.7 155.5#

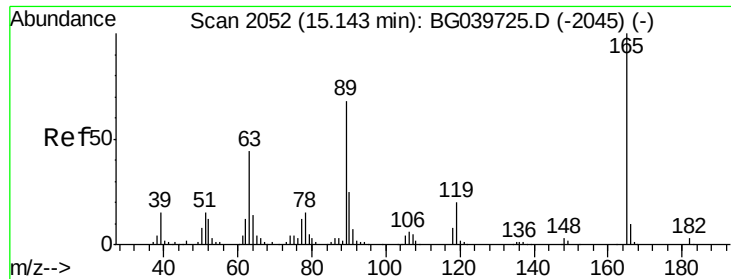


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#57

2,4-Dinitrotoluene

Concen: 5.196 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.37 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

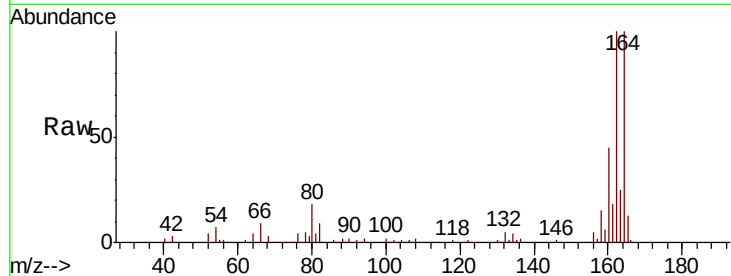
Instrument :

BNA_G

ClientSampleId :

MW-8

Tgt Ion:	165	Resp:	16501
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.6	64.6	96.8#
182	0.0	2.0	3.0#



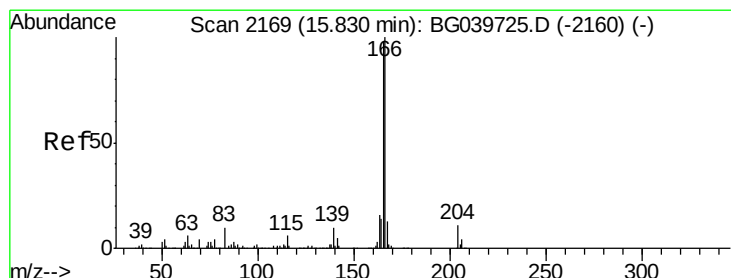
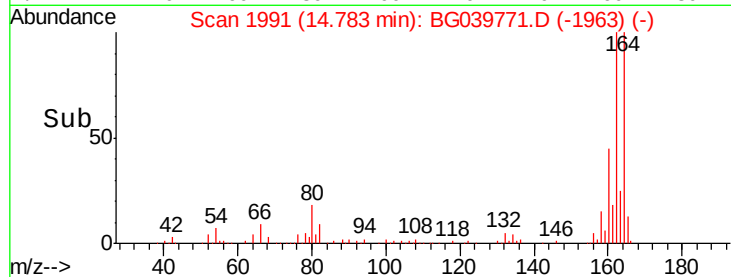
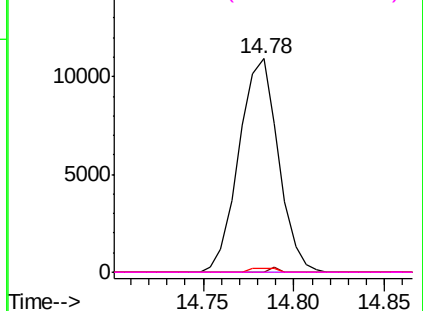
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 0.850 ng

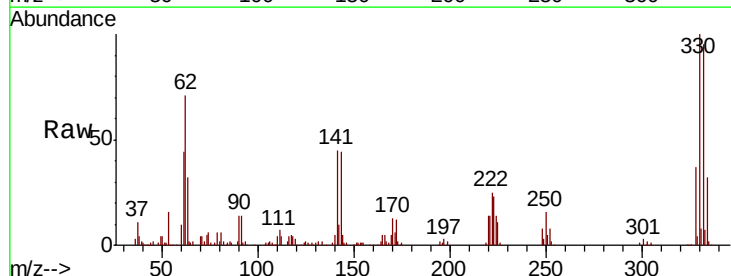
RT: 16.26 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Tgt Ion:	166	Resp:	8541
Ion	Ratio	Lower	Upper
166	100		
165	93.6	77.9	116.9
167	32.8	10.8	16.2#

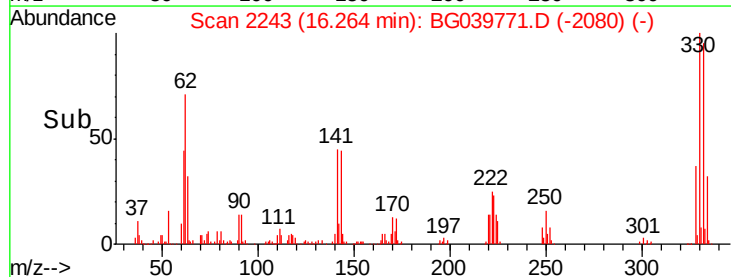
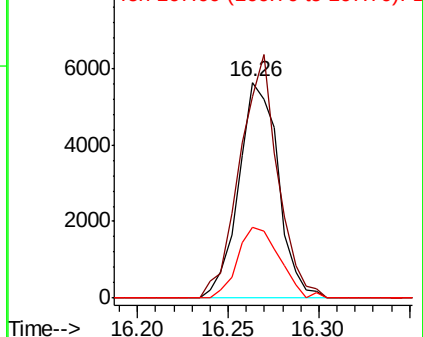


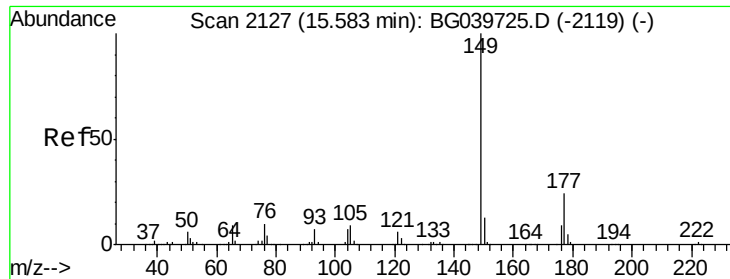
Abundance

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

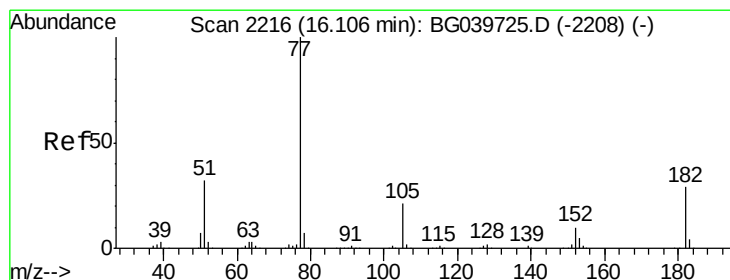
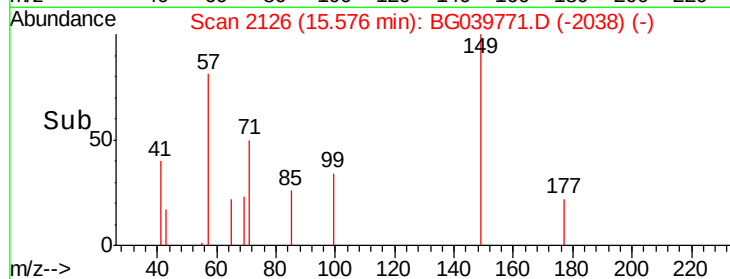
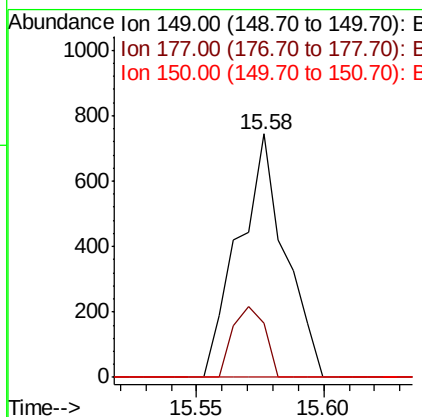
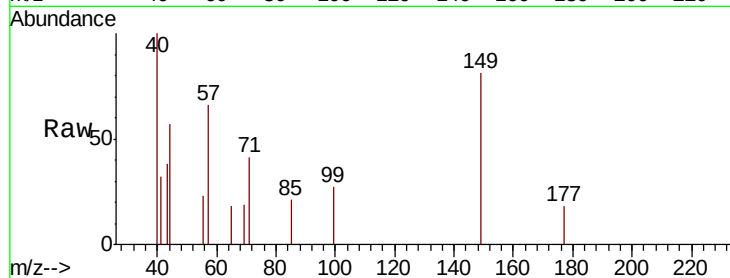




#60
Diethylphthalate
Concen: 0.090 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

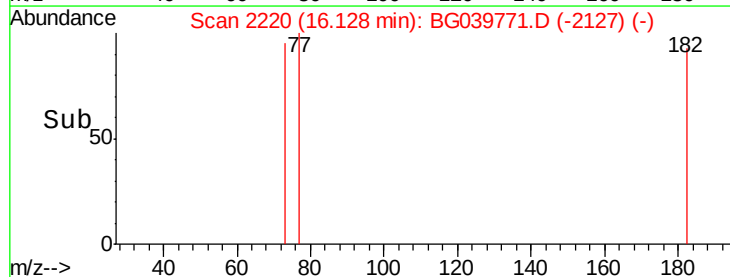
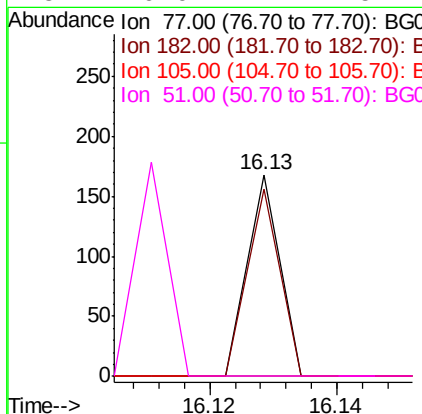
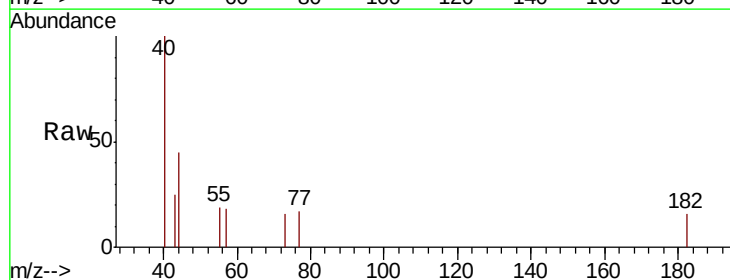
Instrument :
BNA_G
ClientSampleId :
MW-8

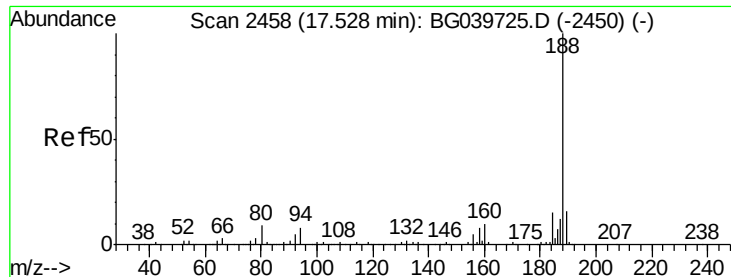
Tgt Ion: 149 Resp: 953
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.006 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
182 92.9 6.4 46.4#
105 0.0 0.0 39.8
51 0.0 14.1 54.1#

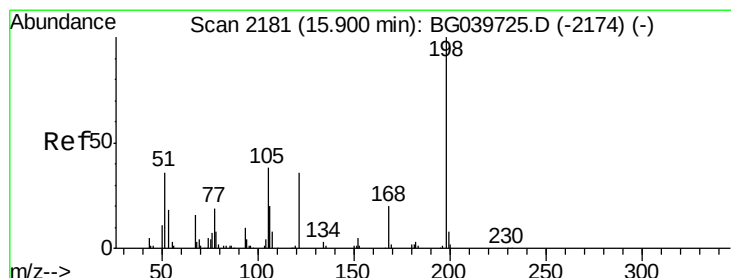
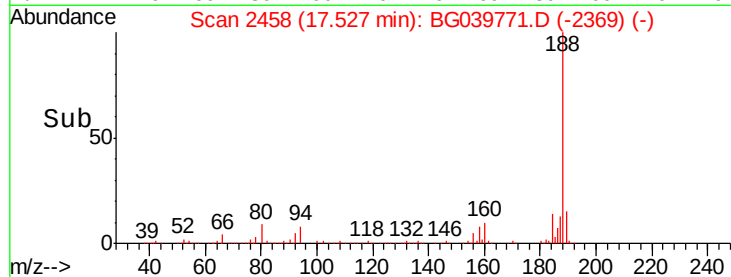
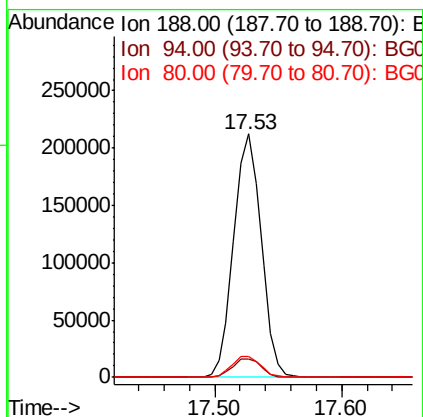
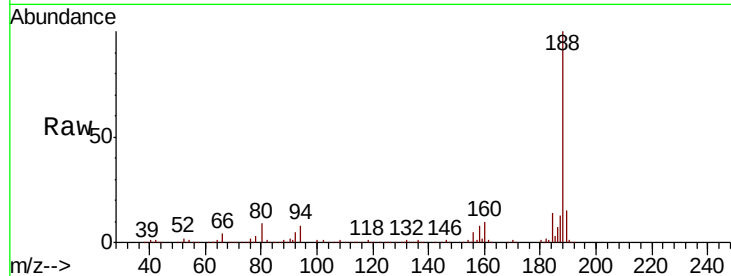




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

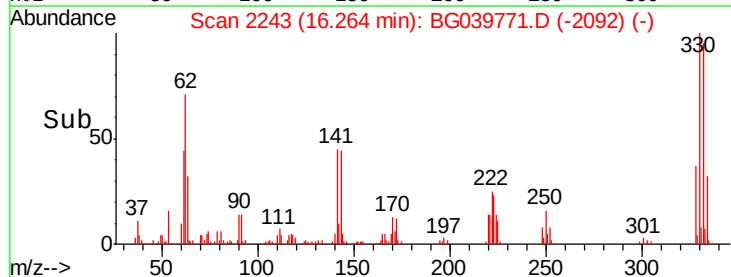
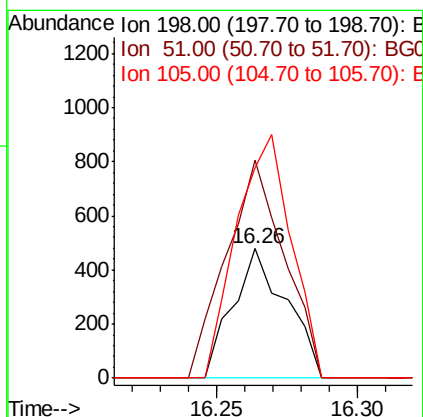
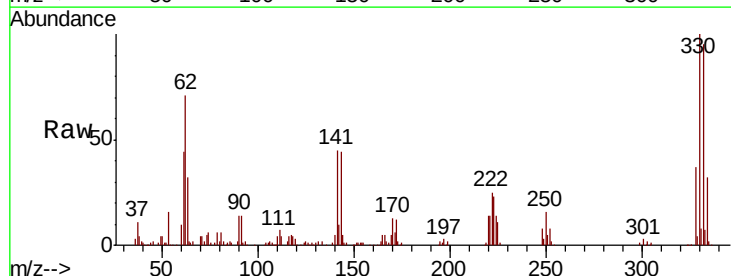
Instrument :
 BNA_G
 ClientSampled :
 MW-8

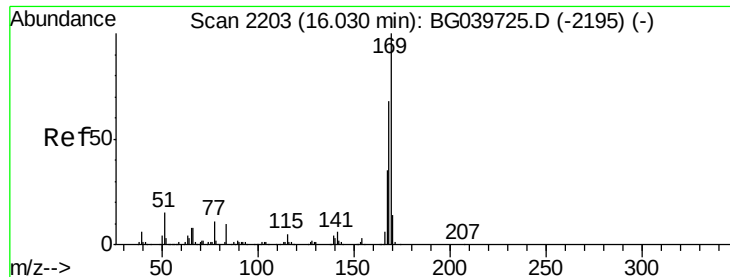
Tgt Ion:188 Resp: 318993
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.9 10.3
 80 8.8 8.1 12.1



#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.333 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.36 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Tgt Ion:198 Resp: 628
 Ion Ratio Lower Upper
 198 100
 51 168.4 27.4 67.4#
 105 163.0 19.7 59.7#

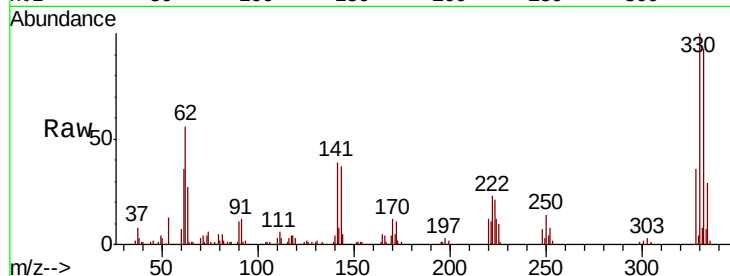




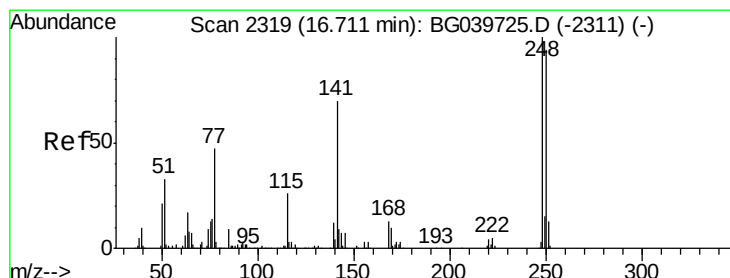
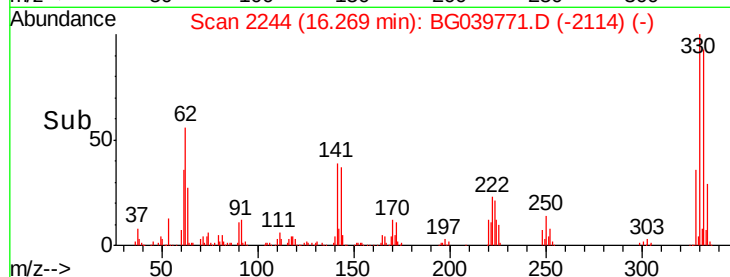
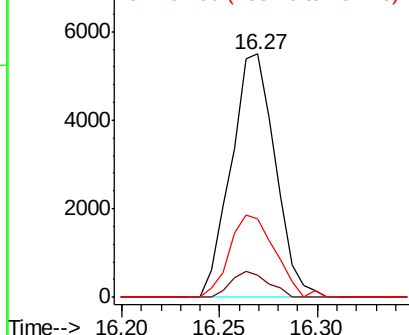
#66
 n-Nitrosodiphenylamine
 Concen: 0.932 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.23 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tgt Ion:169 Resp: 8610
 Ion Ratio Lower Upper
 169 100
 168 9.0 56.6 85.0#
 167 32.1 28.8 43.2

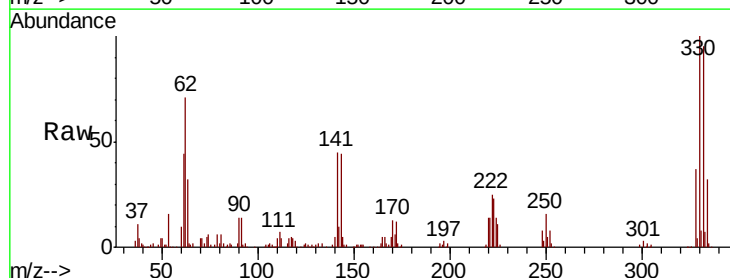


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

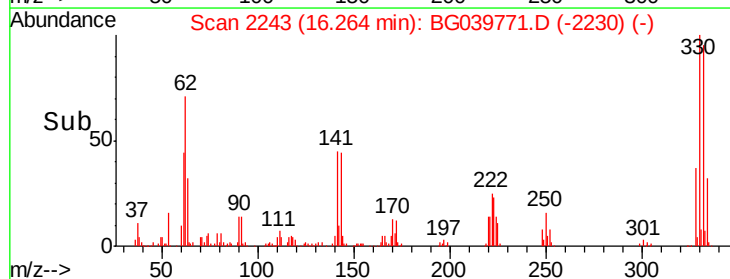
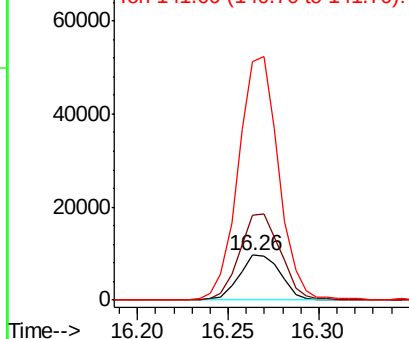


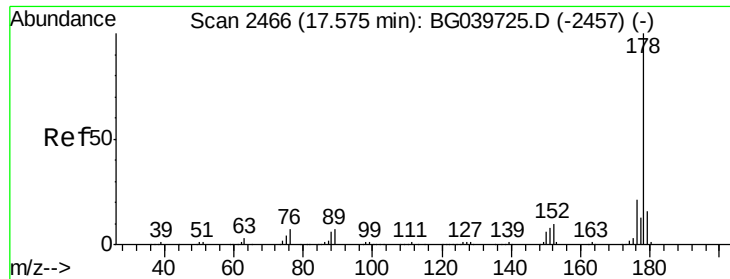
#67
 4-Bromophenyl-phenylether
 Concen: 4.326 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Tgt Ion:248 Resp: 15447
 Ion Ratio Lower Upper
 248 100
 250 190.0 77.6 116.4#
 141 532.4 63.9 95.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

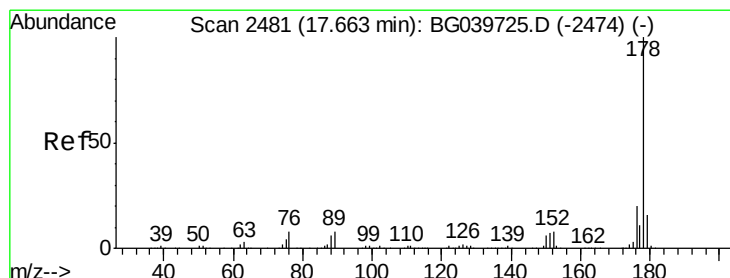
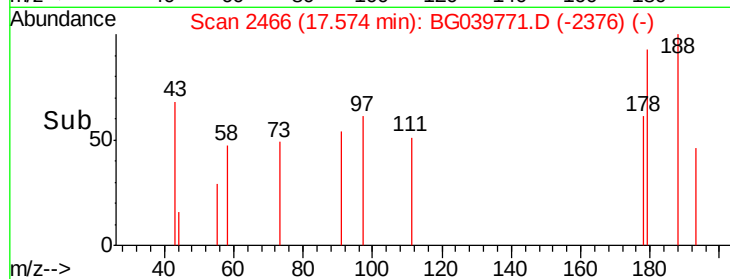
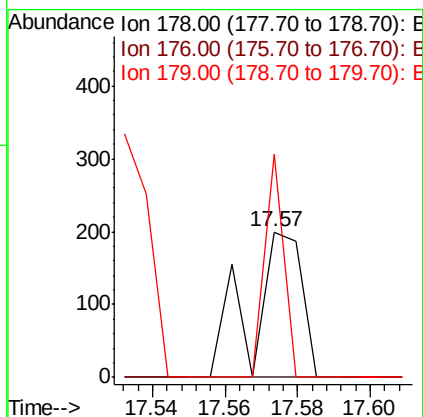
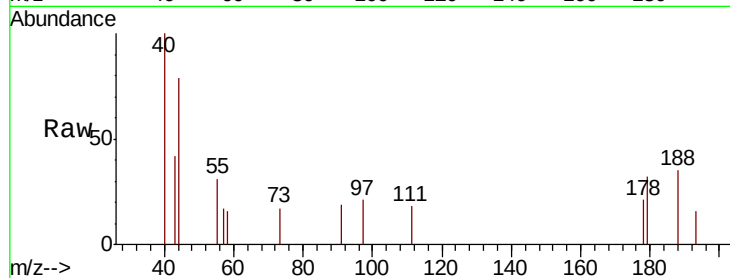




#71
Phenanthrene
Concen: 0.011 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

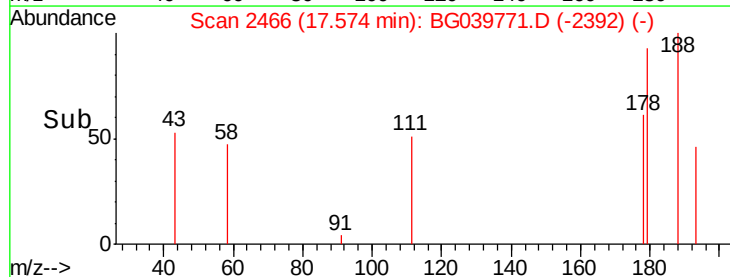
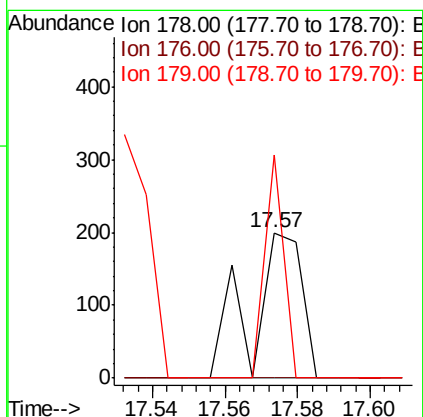
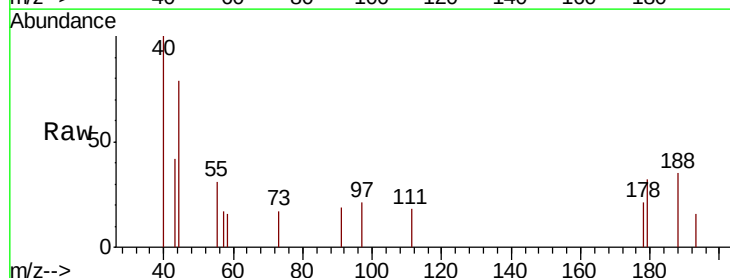
Instrument :
BNA_G
ClientSampleId :
MW-8

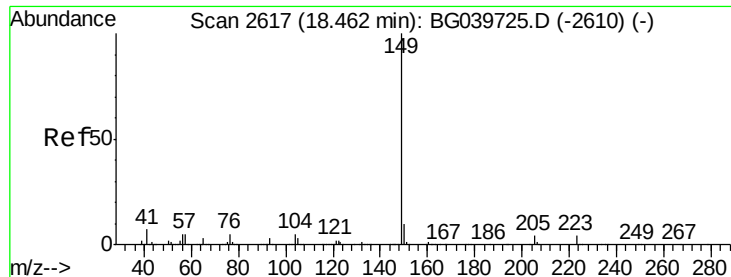
Tgt Ion:178 Resp: 191
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 153.0 12.6 19.0#



#72
Anthracene
Concen: 0.011 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.10 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion:178 Resp: 191
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 153.0 12.5 18.7#





#74

Di-n-butylphthalate

Concen: 0.077 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

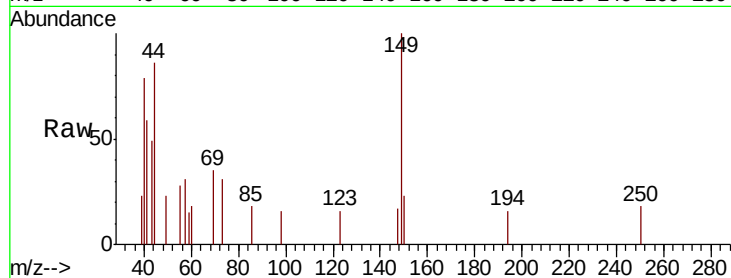
Tgt Ion:149 Resp: 1393

Ion Ratio Lower Upper

149 100

150 23.4 7.7 11.5#

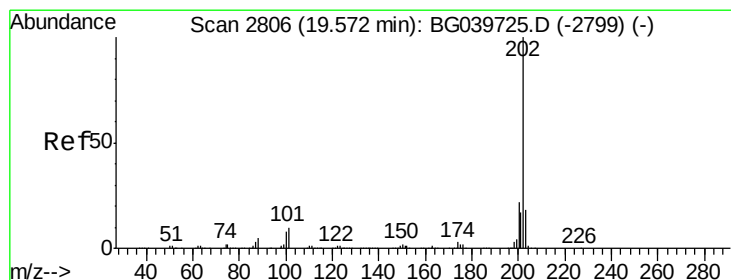
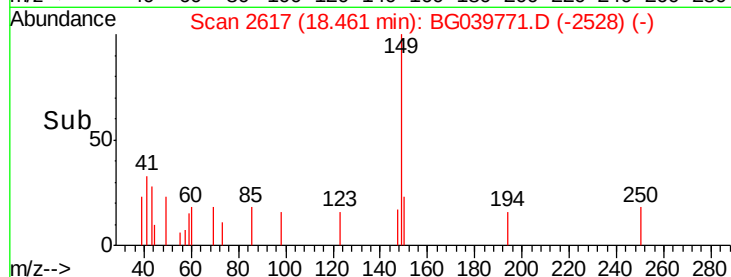
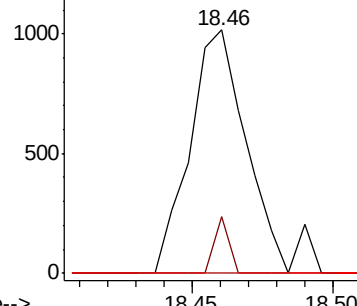
104 0.0 4.5 6.7#



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

Fluoranthene

Concen: 0.003 ng

RT: 19.56 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

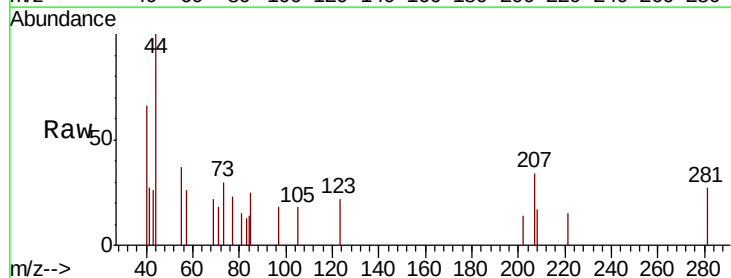
Tgt Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

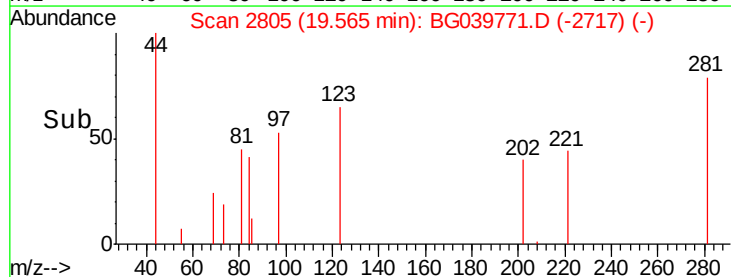
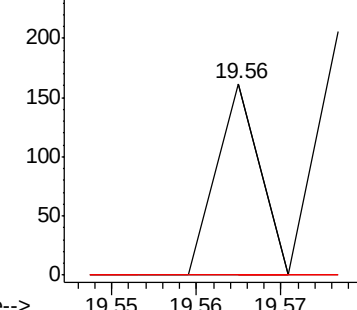
203 0.0 0.0 38.9

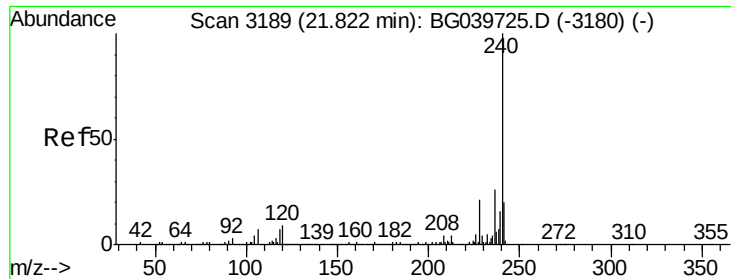


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

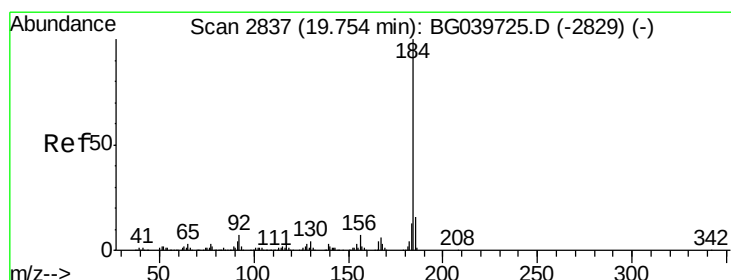
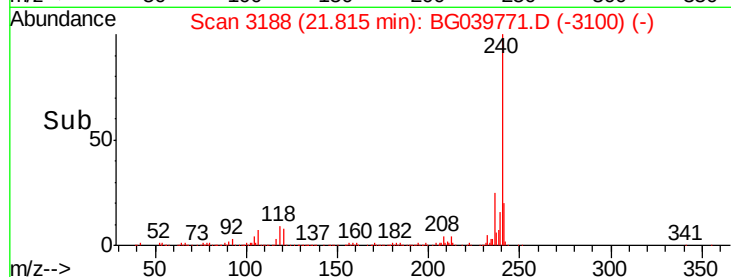
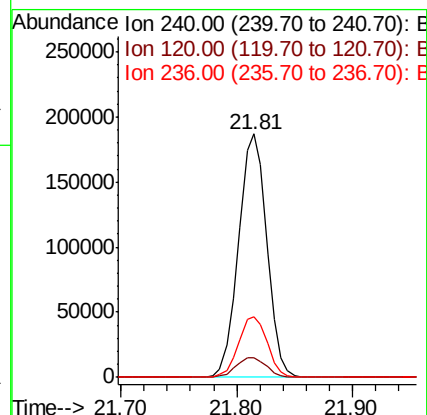
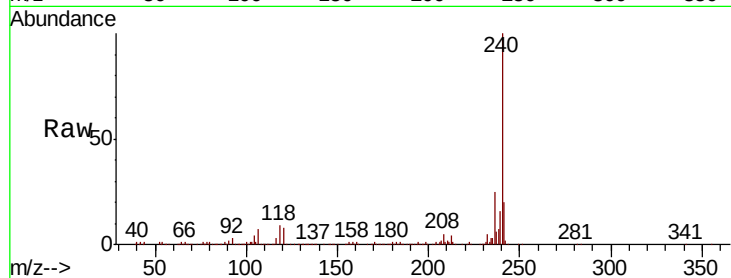




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

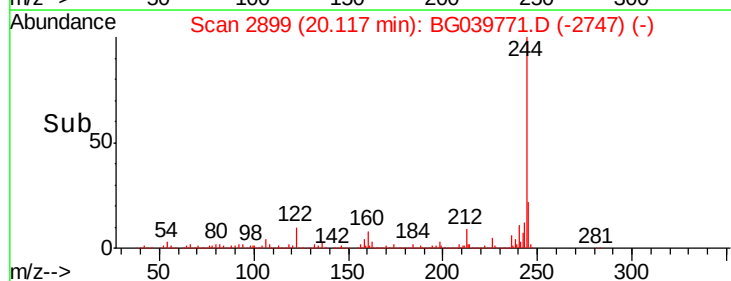
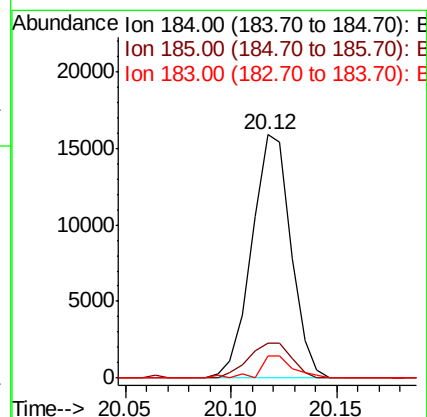
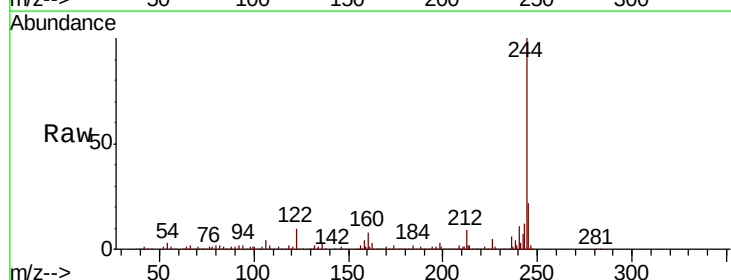
Instrument :
BNA_G
ClientSampleId :
MW-8

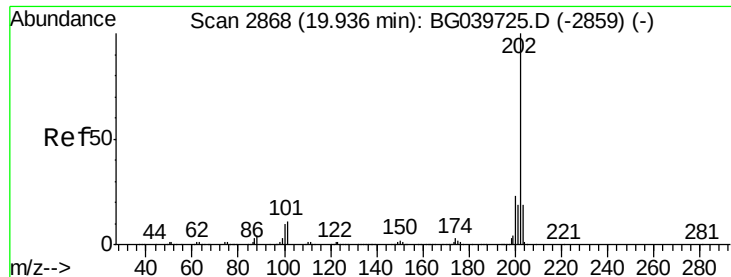
Tgt Ion:240 Resp: 316377
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.1 21.0 31.4



#77
Benzidine
Concen: 2.041 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion:184 Resp: 20492
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 8.9 10.6 15.8#





#78

Pyrene

Concen: 0.218 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.17 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

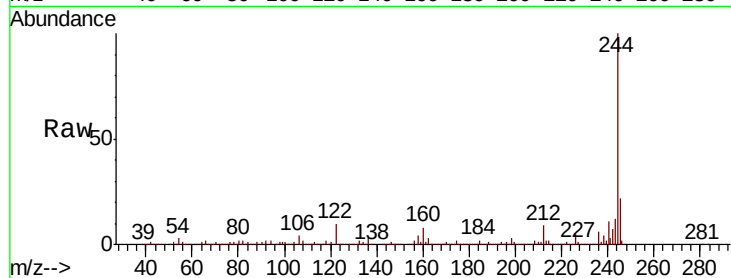
Tgt Ion:202 Resp: 4475

Ion Ratio Lower Upper

202 100

200 51.4 17.8 26.8#

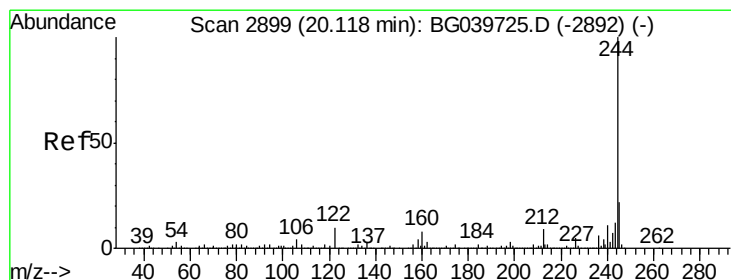
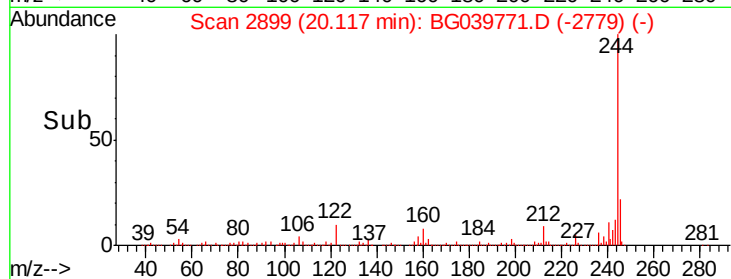
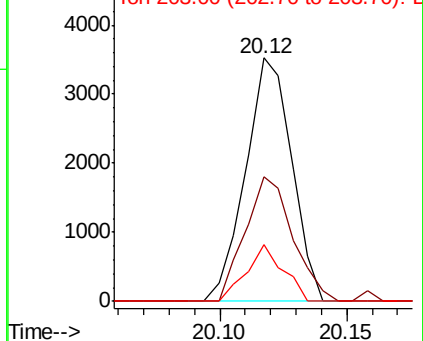
203 23.5 15.3 22.9#



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



#79

Terphenyl-d14

Concen: 80.518 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

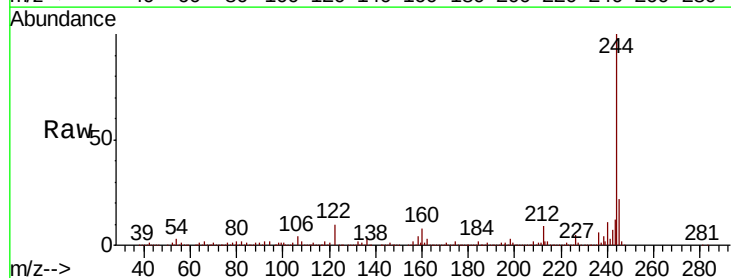
Tgt Ion:244 Resp: 1156959

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

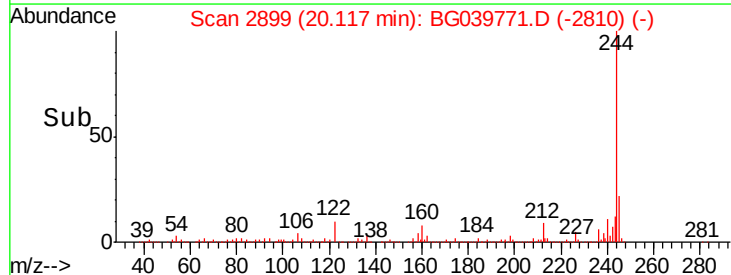
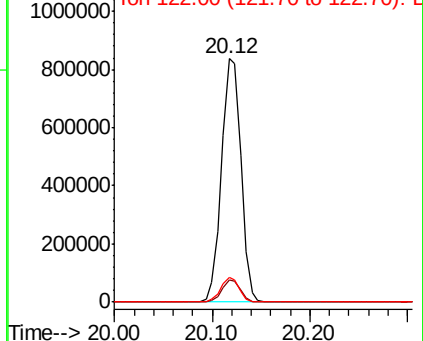
122 10.2 8.4 12.6

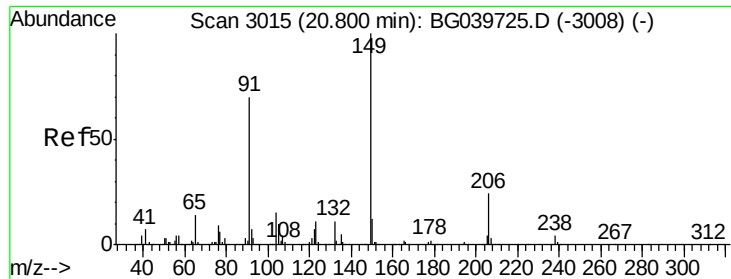


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

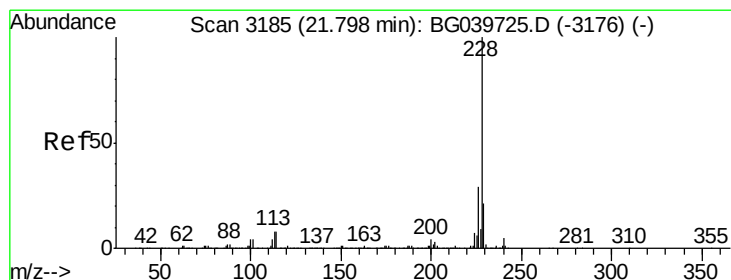
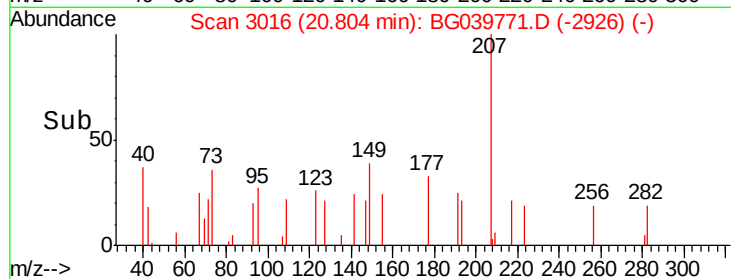
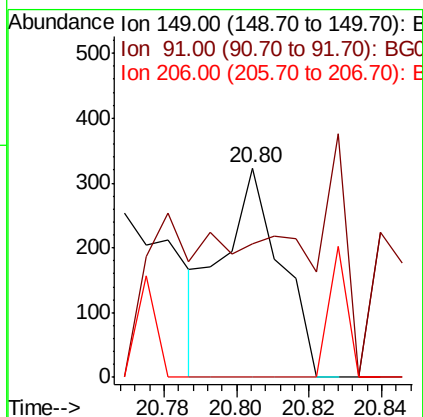
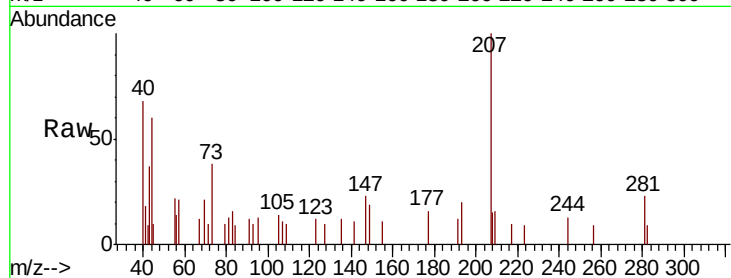




#80
Butylbenzylphthalate
Concen: 0.045 ng
RT: 20.80 min Scan# 3016
Delta R.T. -0.00 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

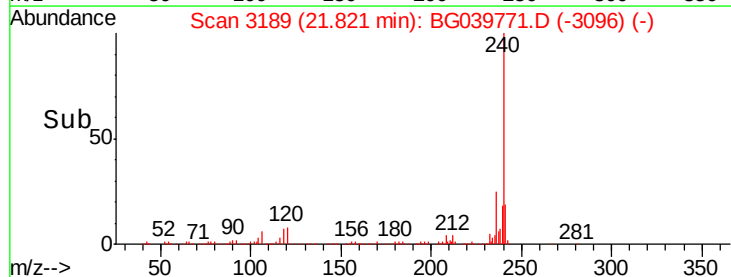
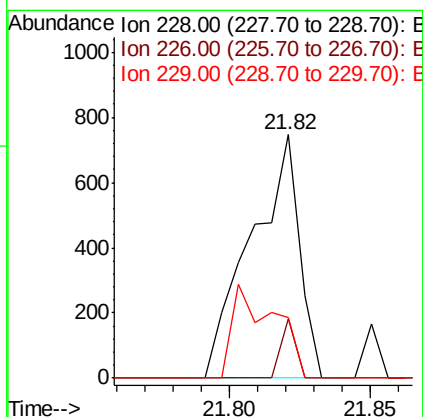
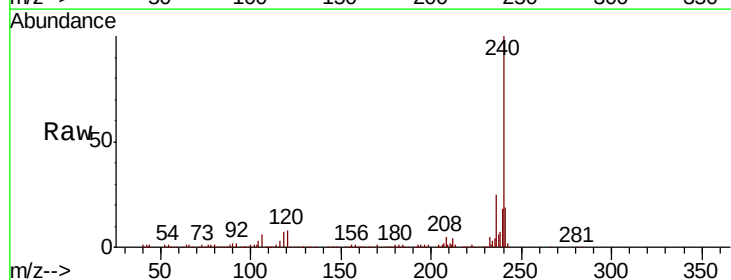
Instrument :
BNA_G
ClientSampled :
MW-8

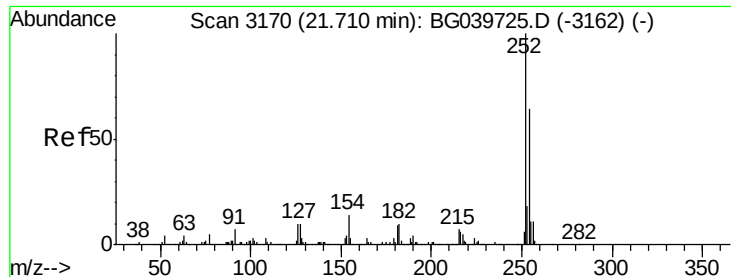
Tgt Ion:149 Resp: 361
Ion Ratio Lower Upper
149 100
91 63.8 59.5 89.3
206 0.0 18.6 27.8#



#81
Benzo(a)anthracene
Concen: 0.044 ng
RT: 21.82 min Scan# 3189
Delta R.T. 0.02 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion:228 Resp: 882
Ion Ratio Lower Upper
228 100
226 24.2 23.0 34.6
229 24.9 16.9 25.3





#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.15 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampled :

MW-8

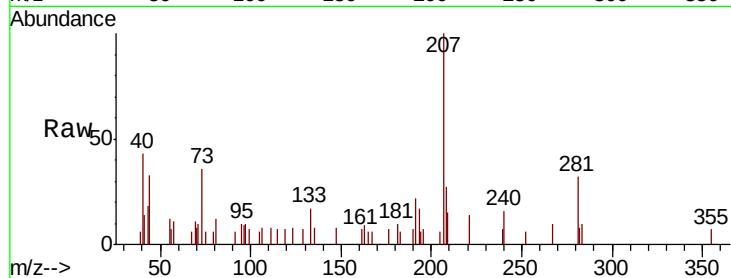
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

126 0.0 8.0 12.0#

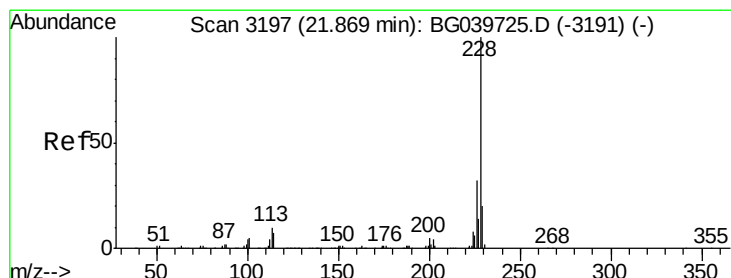
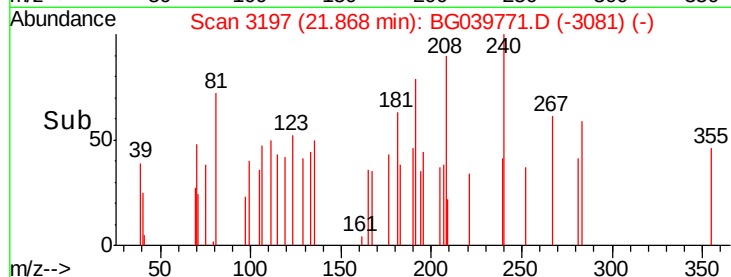
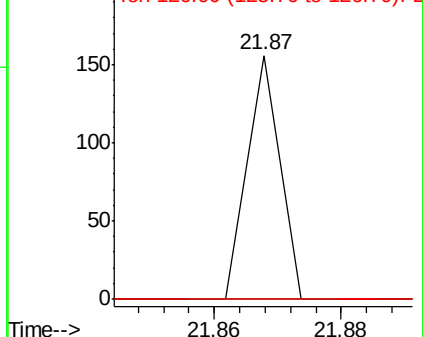


Abundance

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



#83

Chrysene

Concen: 0.003 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.03 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

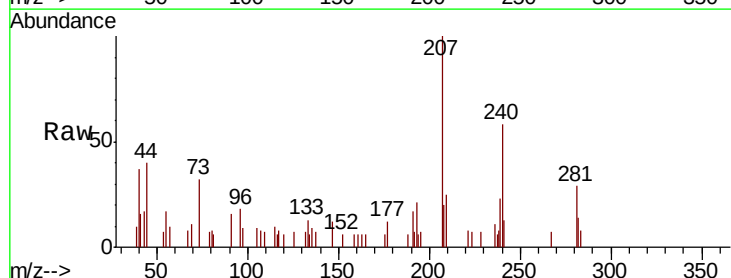
Tgt Ion:228 Resp: 59

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 0.0 16.6 25.0#

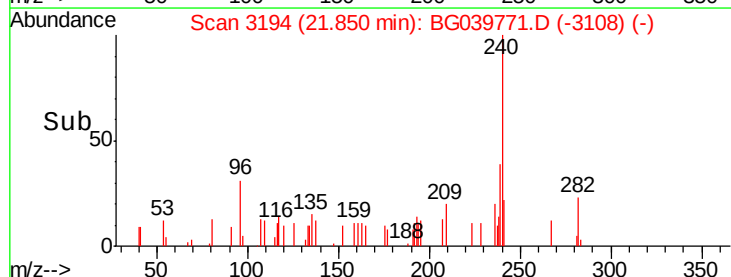
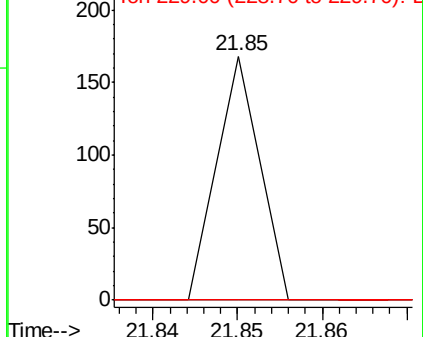


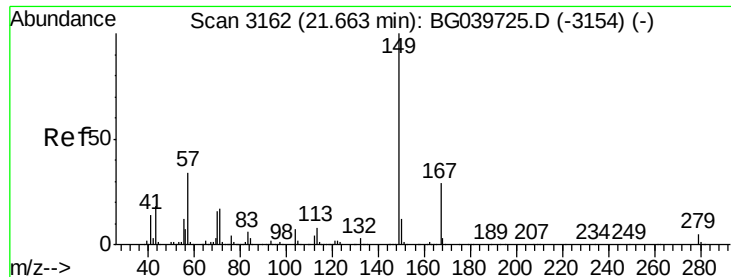
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.180 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

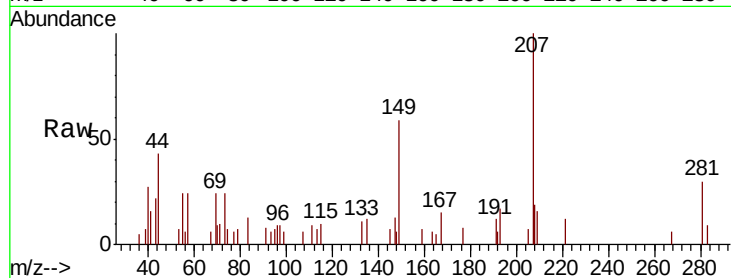
Instrument :

BNA_G

ClientSampleId :

MW-8

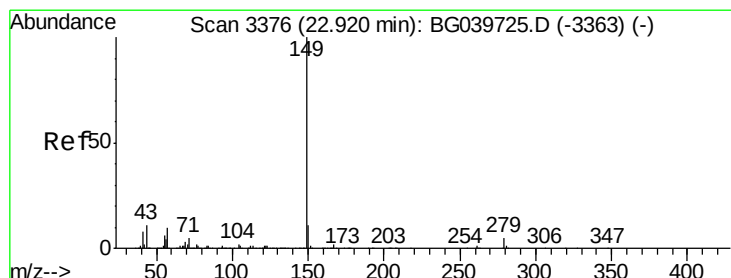
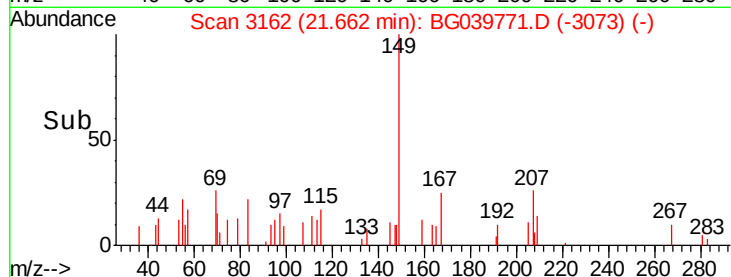
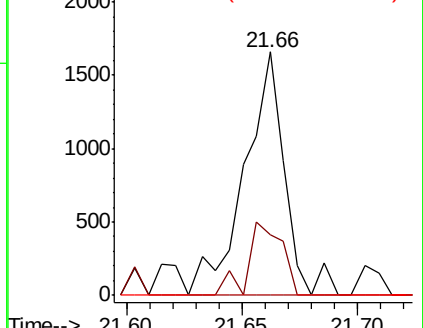
Tgt Ion:	149	Resp:	2020
Ion	Ratio	Lower	Upper
149	100		
167	24.8	22.6	34.0
279	0.0	3.5	5.3#



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



#85

Di-n-octyl phthalate

Concen: 0.013 ng

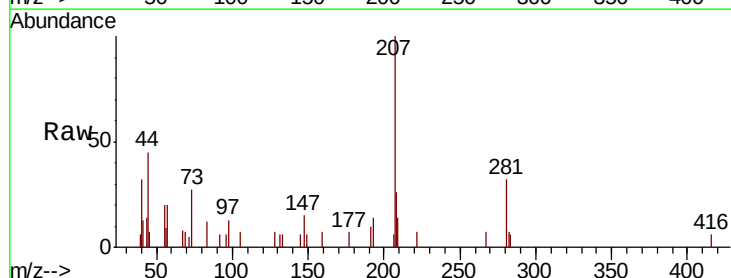
RT: 22.93 min Scan# 3377

Delta R.T. -0.00 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

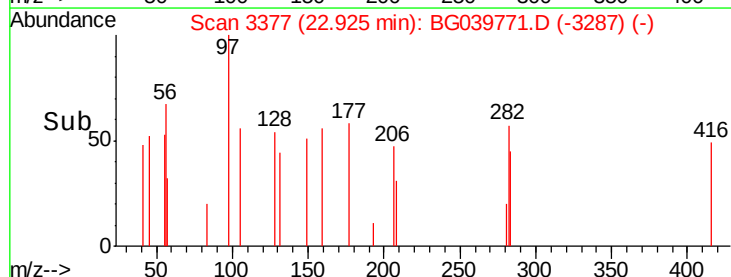
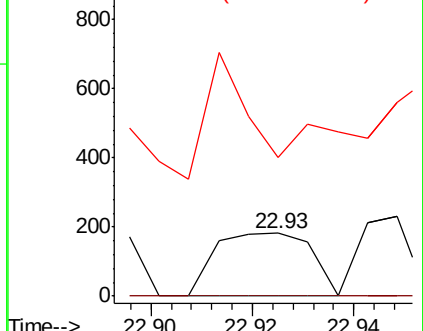
Tgt Ion:	149	Resp:	240
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	90.4	10.2	15.4#

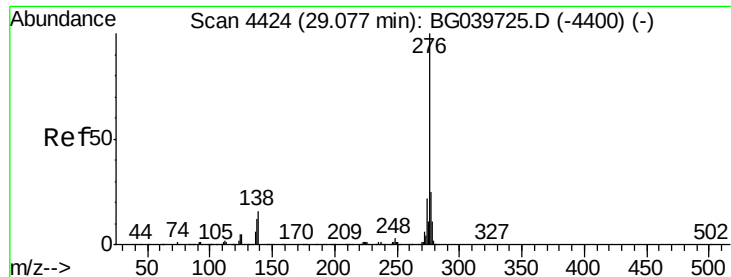


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

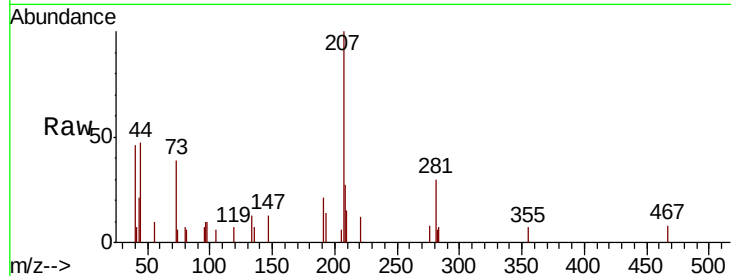




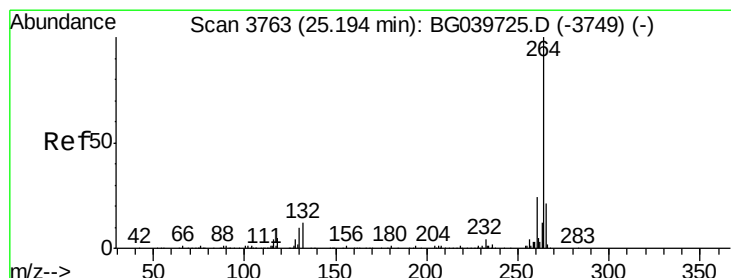
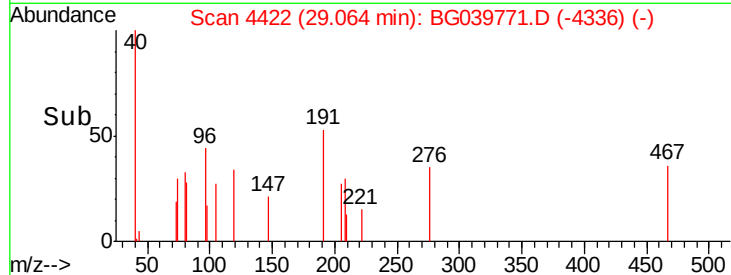
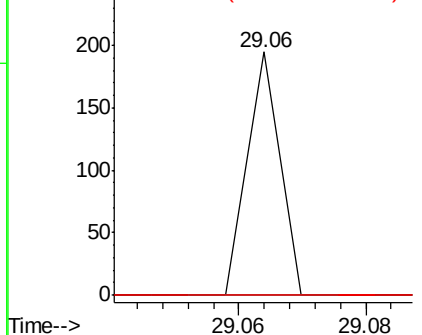
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 29.06 min Scan# 4422
 Delta R.T. -0.03 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Instrument :
 BNA_G
 ClientSampled :
 MW-8

Tgt Ion: 276 Resp: 69
 Ion Ratio Lower Upper
 276 100
 138 0.0 12.6 19.0#
 277 0.0 20.8 31.2#

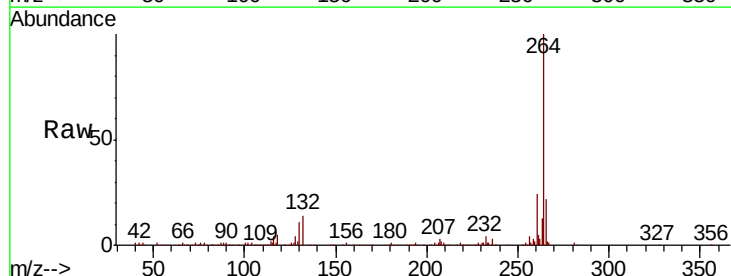


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

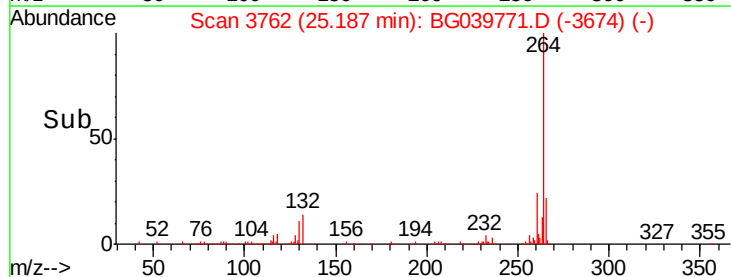
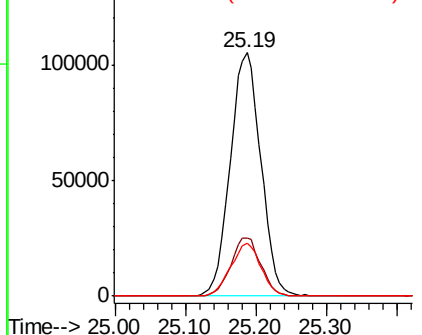


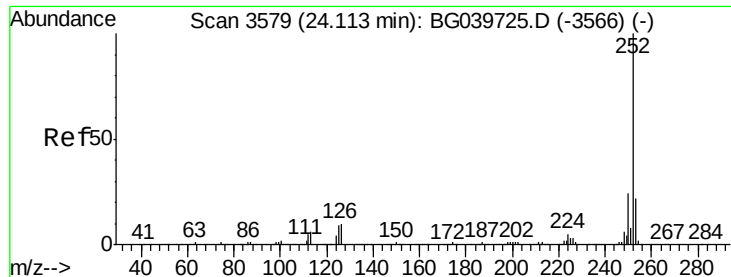
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3762
 Delta R.T. -0.01 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Tgt Ion: 264 Resp: 316755
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.4
 265 21.8 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





#88

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 24.11 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

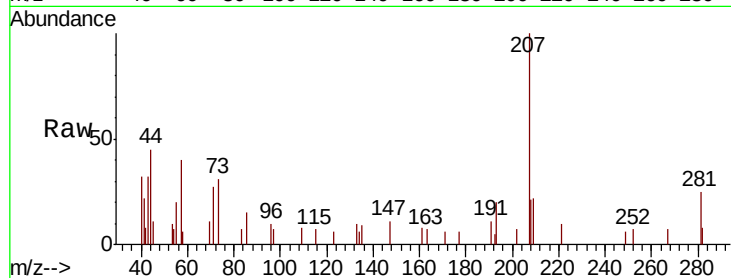
Tgt Ion:252 Resp: 182

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

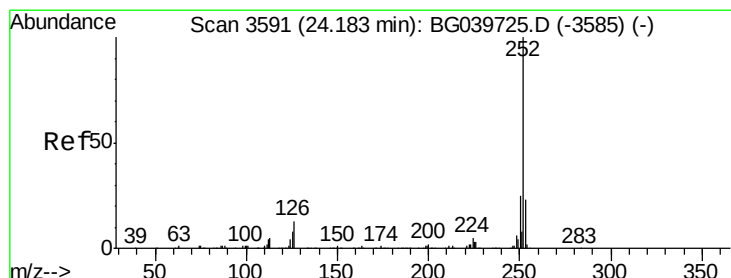
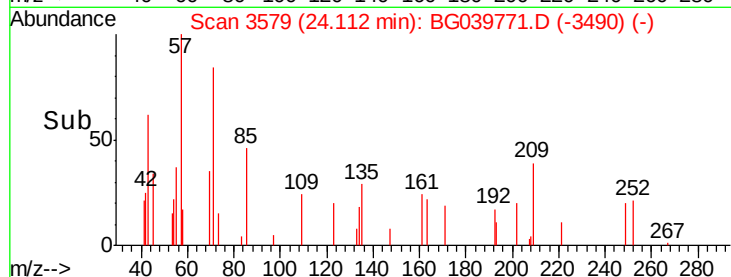
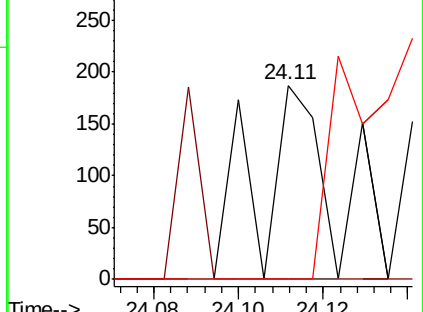
125 0.0 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.010 ng

RT: 24.15 min Scan# 3585

Delta R.T. -0.04 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

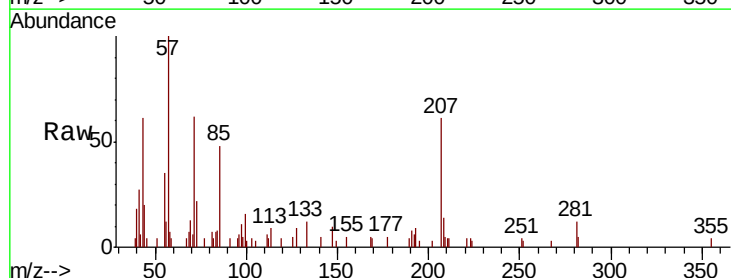
Tgt Ion:252 Resp: 170

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

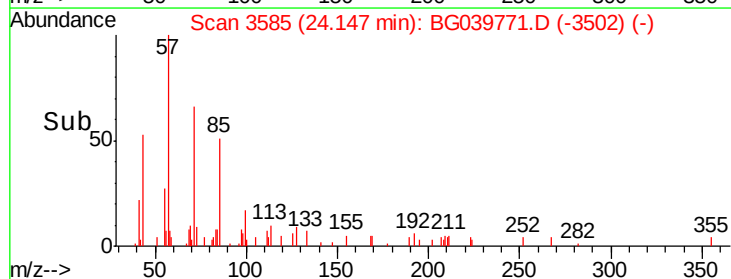
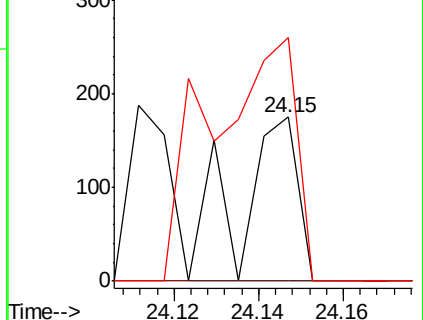
125 148.6 7.4 11.2#

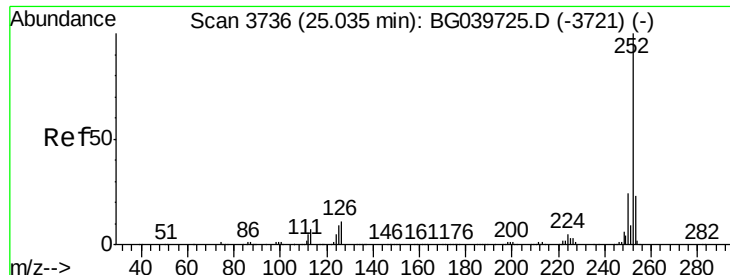


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.004 ng

RT: 25.03 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

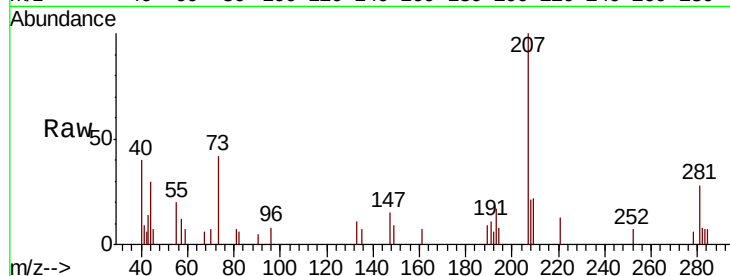
Tgt Ion:252 Resp: 69

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

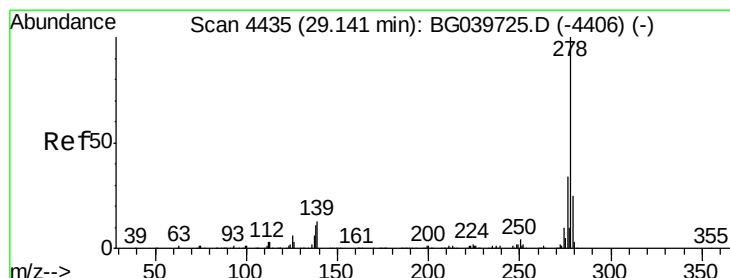
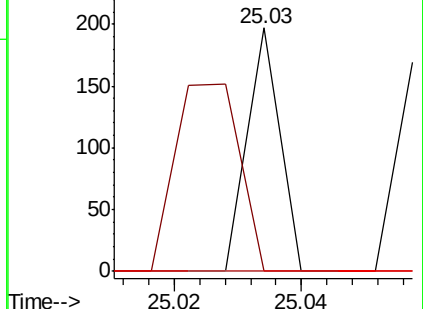
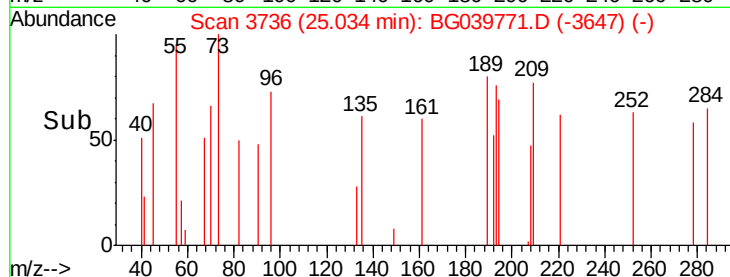
125 0.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.67 min Scan# 4355

Delta R.T. -0.48 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

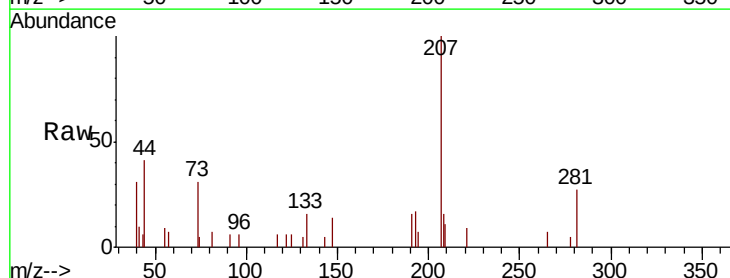
Tgt Ion:278 Resp: 58

Ion Ratio Lower Upper

278 100

139 0.0 11.7 17.5#

279 0.0 19.1 28.7#



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

