

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039773.D
 Acq On : 5 Mar 2019 20:45
 Operator : JU/SJ
 Sample : K1727-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: Mar 06 00:44:28 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	42129	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	189051	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	136114	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	332665	20.00	ng	0.00
76) Chrysene-d12	21.81	240	336720	20.00	ng	-0.01
87) Perylene-d12	25.19	264	337158	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	162115	65.65	ng	0.00
7) Phenol-d6	7.30	99	149980	40.73	ng	-0.01
23) Nitrobenzene-d5	9.33	82	336264	96.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	239424	150.91	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	828342	86.65	ng	-0.01
79) Terphenyl-d14	20.12	244	1406442	91.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	175	0.153	ng	# 1
3) Pyridine	3.77	79	65	0.021	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	147	0.102	ng	# 1
6) Aniline	7.33	93	59	0.012	ng	# 1
9) Benzaldehyde	7.30	77	231	0.097	ng	# 4
10) Phenol	7.32	94	6724	1.686	ng	# 86
11) bis(2-Chloroethyl)ether	7.67	93	455	0.146	ng	# 1
15) Benzyl Alcohol	8.47	79	4377	1.499	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	8.68	45	54	0.009	ng	# 75
18) Hexachloroethane	9.16	117	66	0.053	ng	# 1
19) n-Nitroso-di-n-propylamine	9.33	70	43316	16.344	ng	# 69
22) Acetophenone	8.49	105	57	0.011	ng	# 1
24) Nitrobenzene	9.33	77	1138	0.310	ng	# 43
31) Naphthalene	11.03	128	59	0.006	ng	# 69
46) 1,1'-Biphenyl	13.61	154	1192	0.106	ng	# 41
48) 2-Nitroaniline	13.41	65	1465	0.541	ng	# 1
50) Dimethylphthalate	14.22	163	16186	1.422	ng	# 97
51) 2,6-Dinitrotoluene	14.78	165	17912	7.424	ng	# 25
52) Acenaphthene	14.78	154	448	0.054	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	17912	5.283	ng	# 20
58) Fluorene	16.27	166	10492	0.978	ng	# 74
60) Diethylphthalate	15.58	149	787	0.070	ng	# 58
63) Azobenzene	16.13	77	53	0.005	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.26	198	1014	0.516	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	10429	1.083	ng	# 48
67) 4-Bromophenyl-phenylether	16.27	248	18708	5.024	ng	# 1
71) Phenanthrene	17.57	178	498	0.027	ng	# 59
72) Anthracene	17.57	178	498	0.028	ng	# 60
73) Carbazole	17.48	167	58	0.004	ng	# 57
74) Di-n-butylphthalate	18.45	149	1782	0.094	ng	# 80
77) Benzidine	20.12	184	25322	2.370	ng	# 94
78) Pyrene	20.12	202	6397	0.292	ng	# 75
80) Butylbenzylphthalate	20.80	149	124	0.015	ng	# 1
81) Benzo(a)anthracene	21.82	228	1150	0.054	ng	# 59

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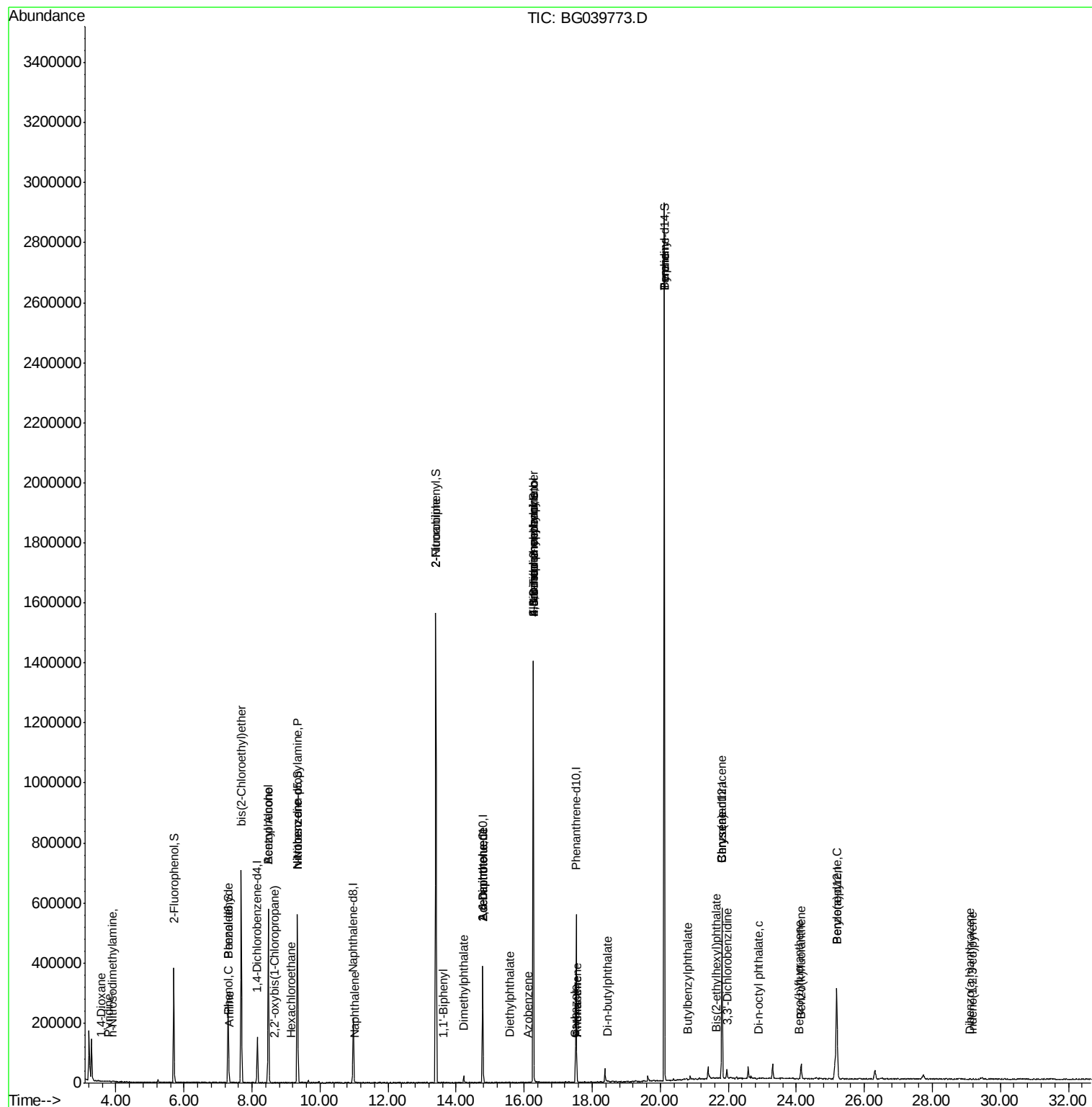
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	21.96	252	60	0.008	ng	# 1
83) Chrysene	21.82	228	1150	0.056	ng	# 56
84) Bis(2-ethylhexyl)phthalate	21.66	149	1366	0.115	ng	# 76
85) Di-n-octyl phthalate	22.90	149	168	0.009	ng	# 1
86) Indeno(1,2,3-cd)pyrene	29.18	276	95	0.004	ng	# 32
88) Benzo(b)fluoranthene	24.09	252	53	0.003	ng	# 60
89) Benzo(k)fluoranthene	24.14	252	53	0.003	ng	# 1
90) Benzo(a)pyrene	25.19	252	1476	0.079	ng	# 74
91) Dibenzo(a,h)anthracene	29.10	278	53	0.003	ng	# 56

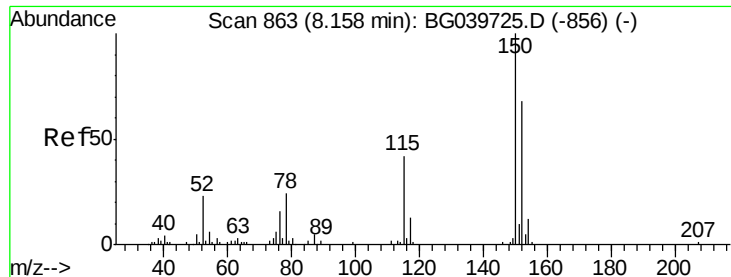
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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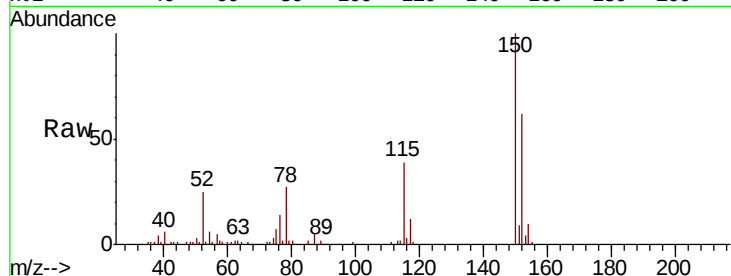


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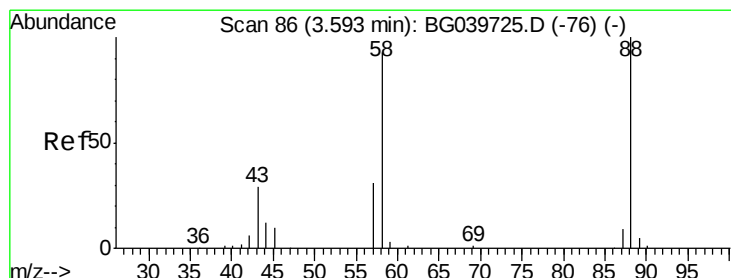
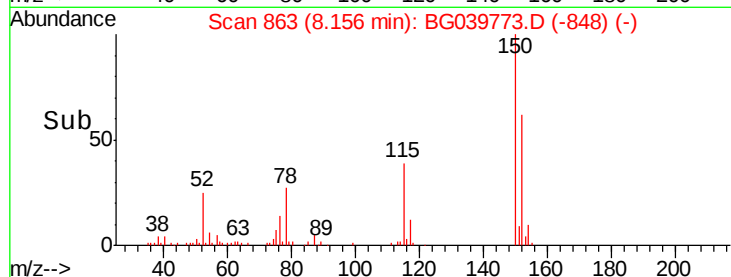
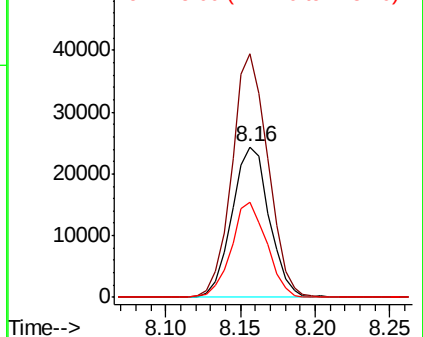
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Instrument :
BNA_G
ClientSampled :
MW-6

Tgt Ion:152 Resp: 42129
Ion Ratio Lower Upper
152 100
150 162.1 123.7 185.5
115 63.1 45.9 68.9



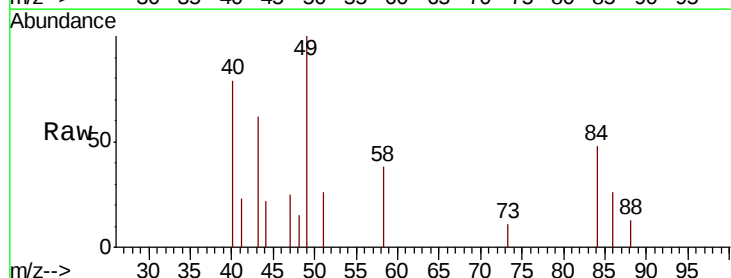
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



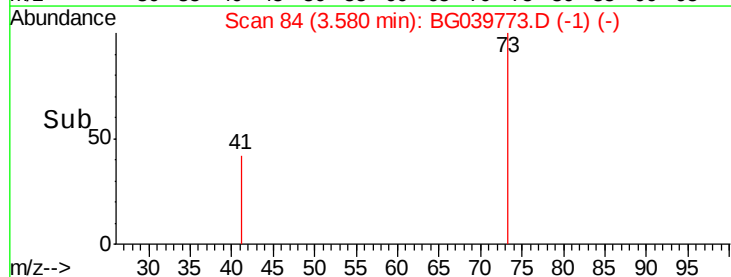
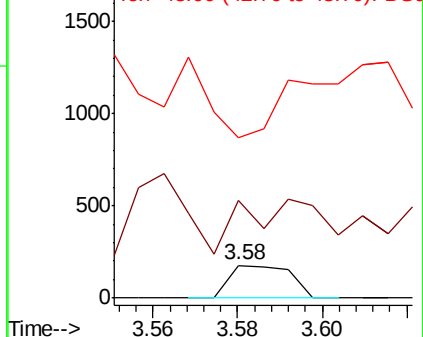
#2

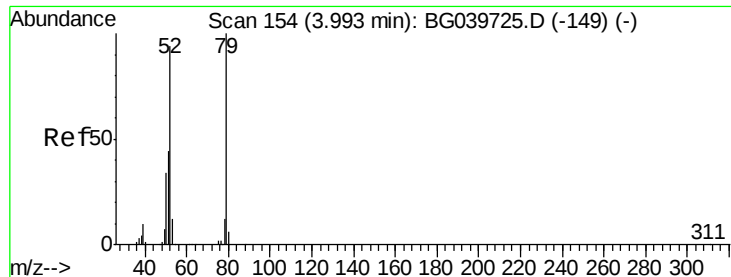
1,4-Dioxane
Concen: 0.153 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.03 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion: 88 Resp: 175
Ion Ratio Lower Upper
88 100
58 221.7 81.1 121.7#
43 0.0 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.021 ng

RT: 3.77 min Scan# 117

Delta R.T. -0.23 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampled :

MW-6

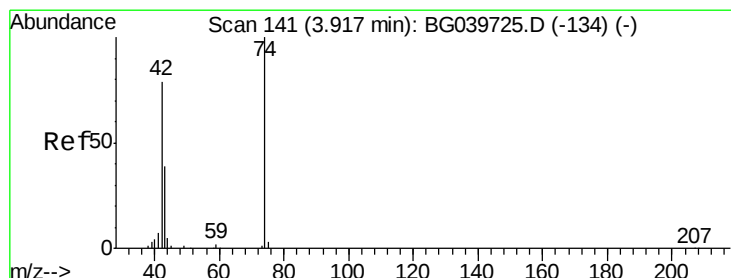
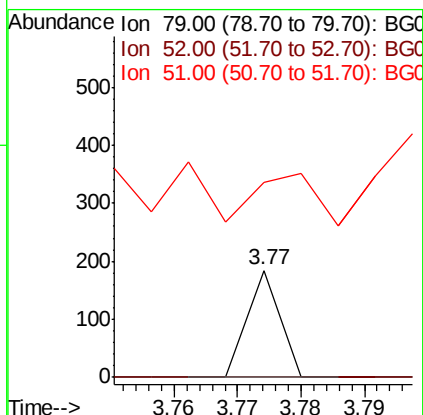
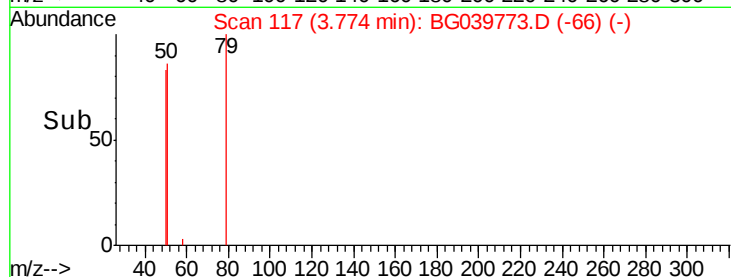
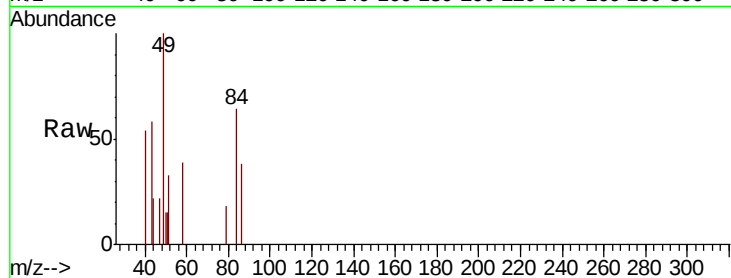
Tgt Ion: 79 Resp: 65

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

51 183.2 37.5 56.3#



#4

n-Nitrosodimethylamine

Concen: 0.102 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

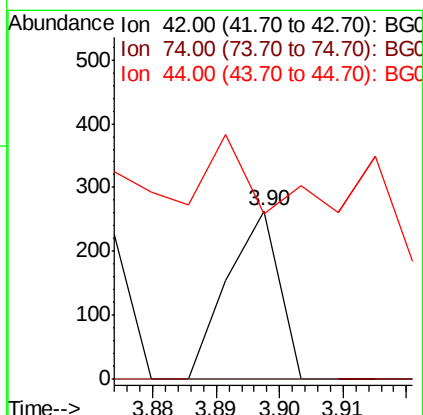
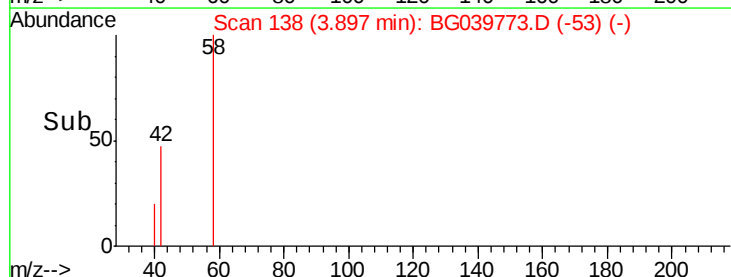
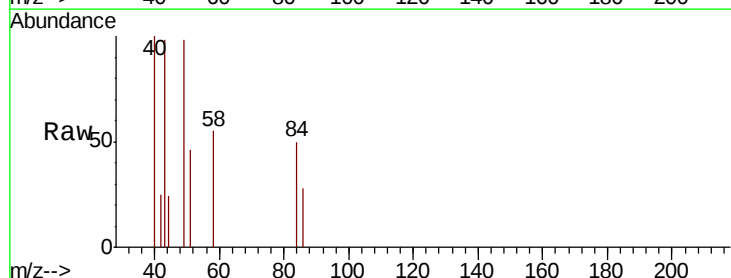
Tgt Ion: 42 Resp: 147

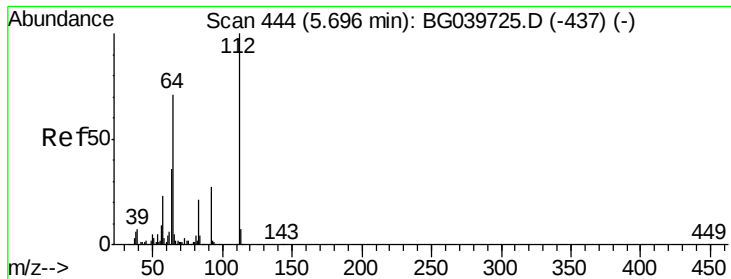
Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 98.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 65.648 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampled :

MW-6

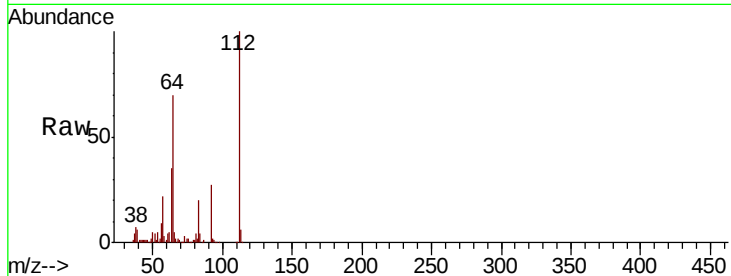
Tgt Ion:112 Resp: 162115

Ion Ratio Lower Upper

112 100

64 70.1 57.8 86.8

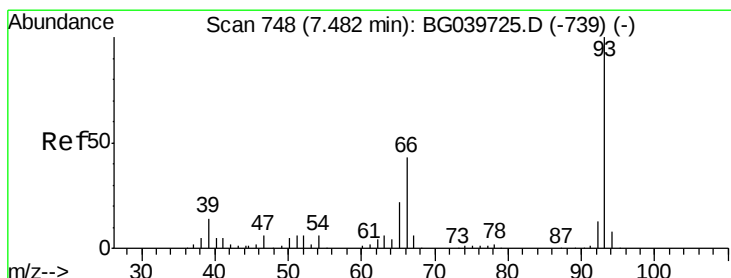
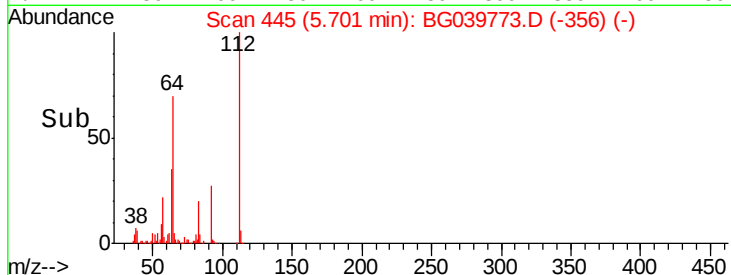
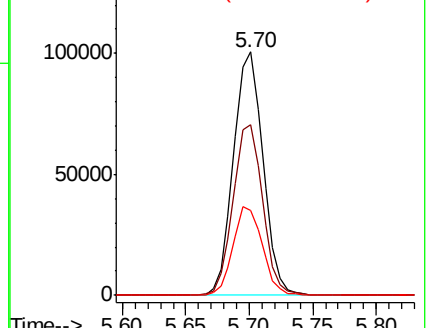
63 34.8 29.8 44.6



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: 0.012 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.17 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

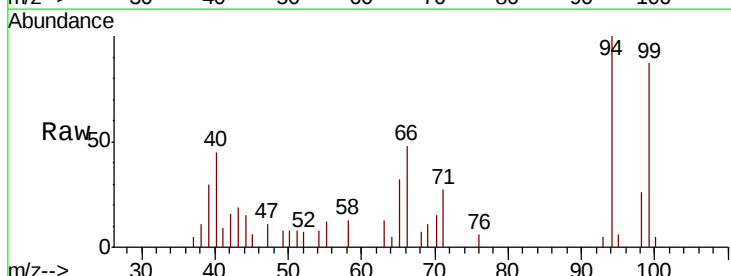
Tgt Ion: 93 Resp: 59

Ion Ratio Lower Upper

93 100

66 1000.6 34.2 51.4#

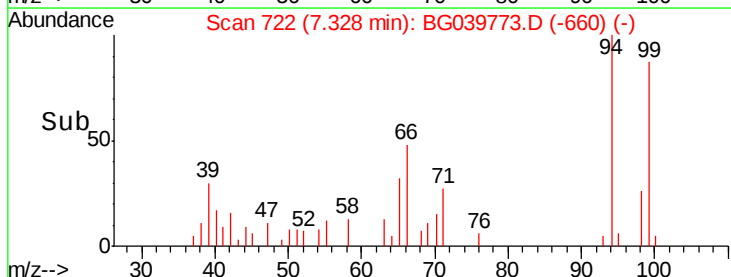
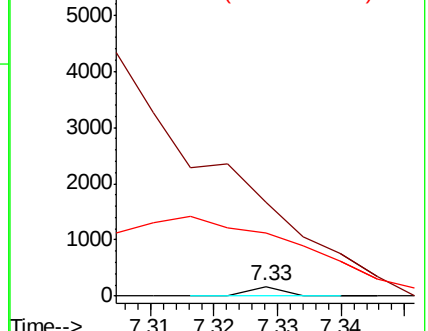
65 668.5 17.7 26.5#

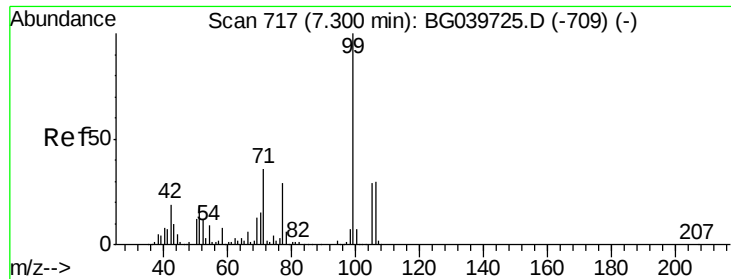


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 40.732 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

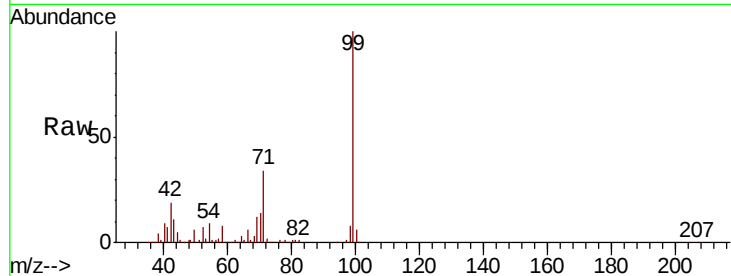
Tgt Ion: 99 Resp: 149980

Ion Ratio Lower Upper

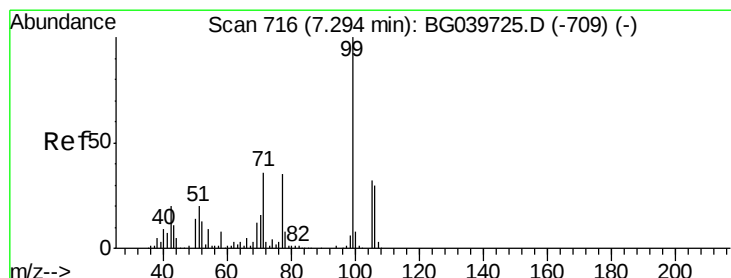
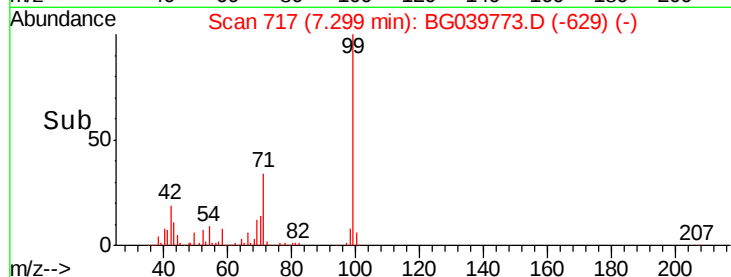
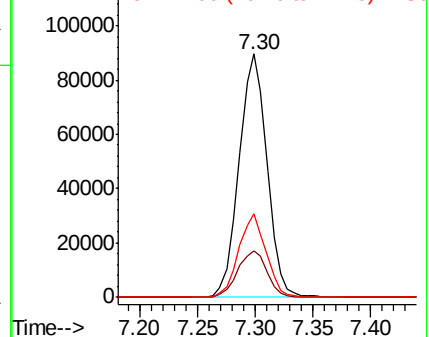
99 100

42 18.9 18.2 27.2

71 34.3 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



#9

Benzaldehyde

Concen: 0.097 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

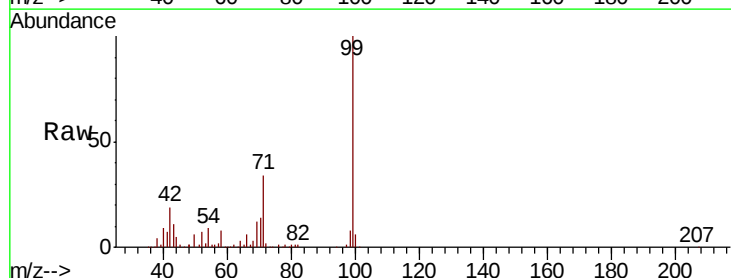
Tgt Ion: 77 Resp: 231

Ion Ratio Lower Upper

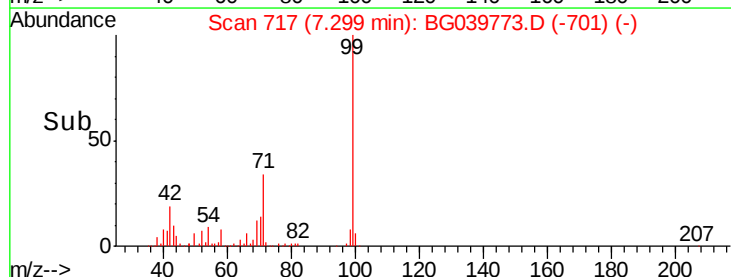
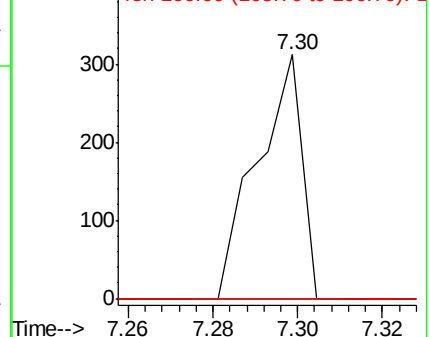
77 100

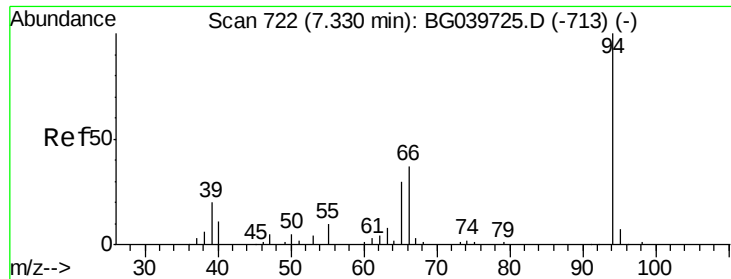
105 0.0 74.5 114.5#

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

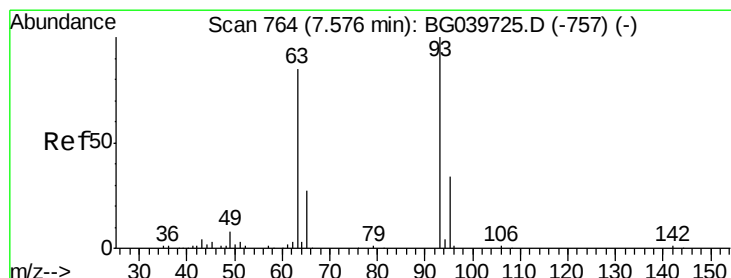
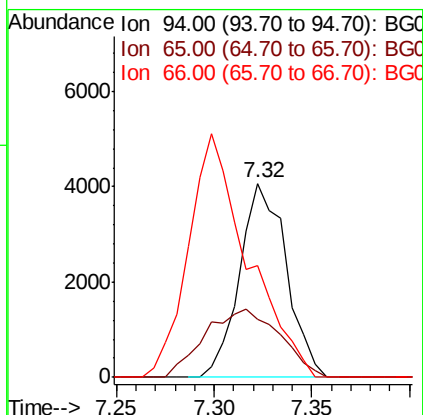
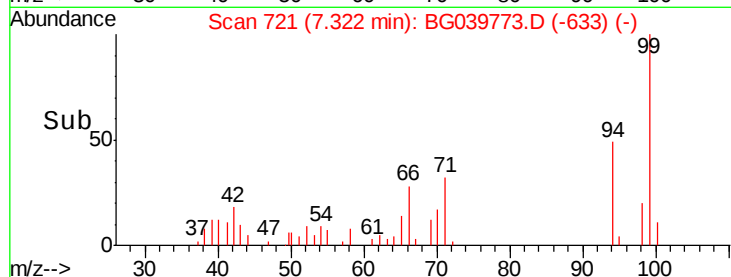
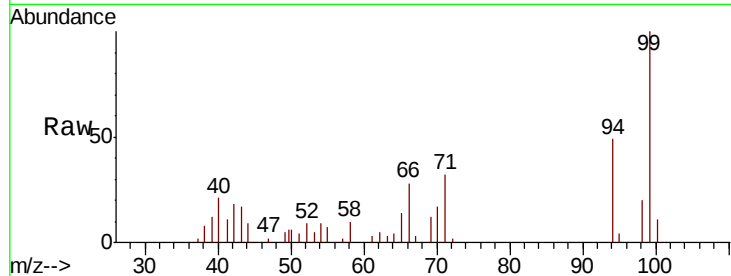




#10
Phenol
Concen: 1.686 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

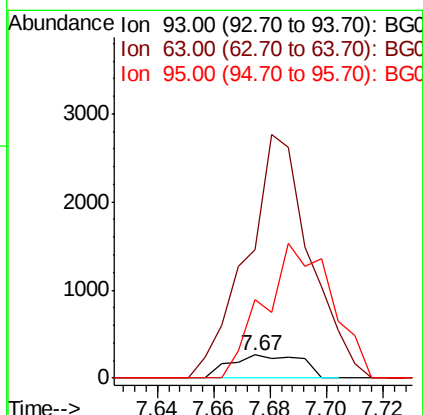
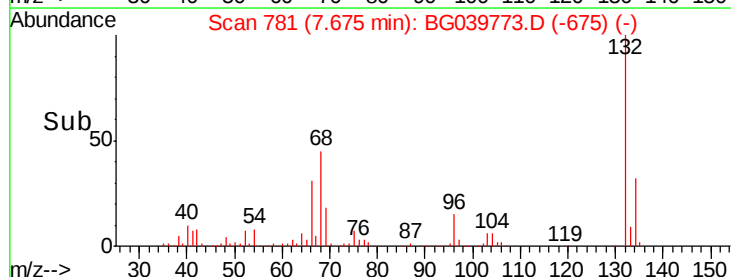
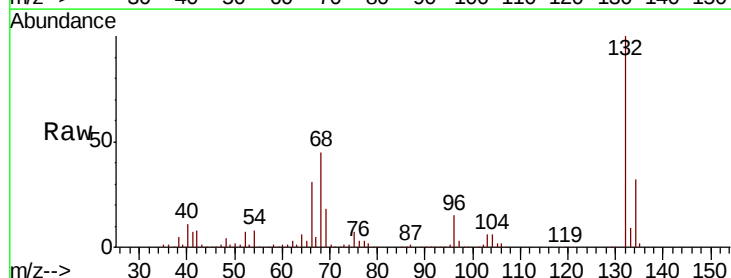
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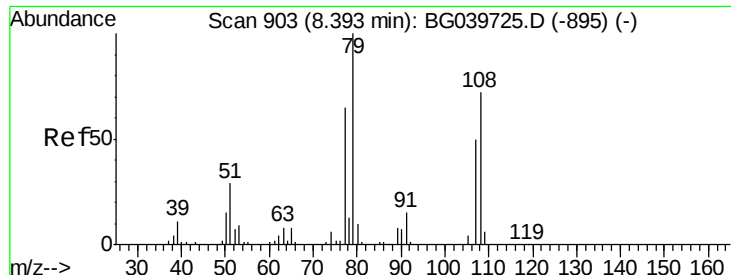
Tgt Ion: 94 Resp: 6724
Ion Ratio Lower Upper
94 100
65 29.7 11.7 51.7
66 57.7 23.7 63.7



#11
bis(2-Chloroethyl)ether
Concen: 0.146 ng
RT: 7.67 min Scan# 781
Delta R.T. 0.09 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion: 93 Resp: 455
Ion Ratio Lower Upper
93 100
63 550.4 69.5 109.5#
95 337.9 12.7 52.7#





#15

Benzyl Alcohol

Concen: 1.499 ng

RT: 8.47 min Scan# 917

Delta R.T. 0.07 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

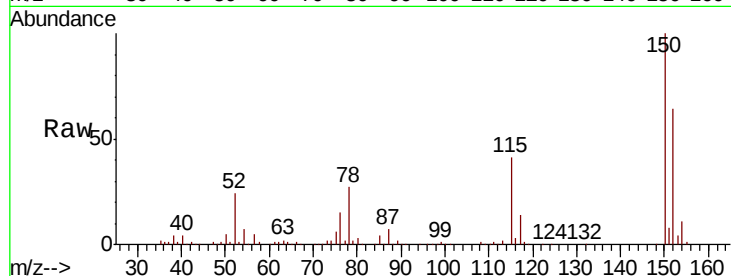
Tgt Ion: 79 Resp: 4377

Ion Ratio Lower Upper

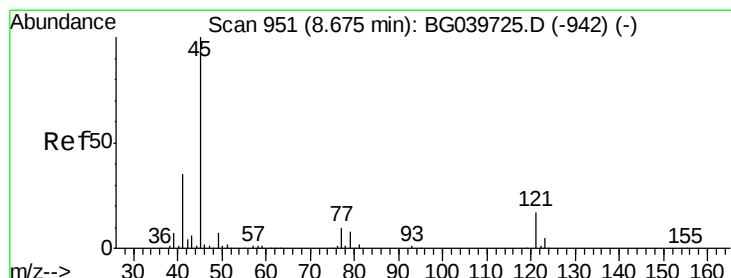
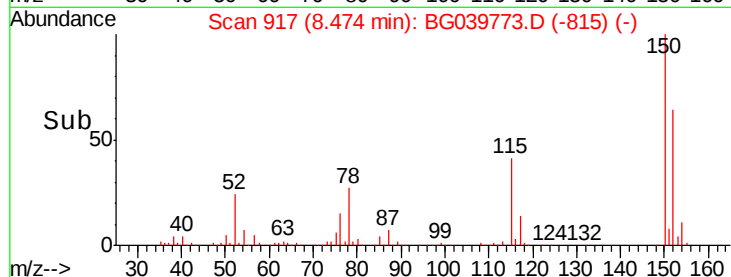
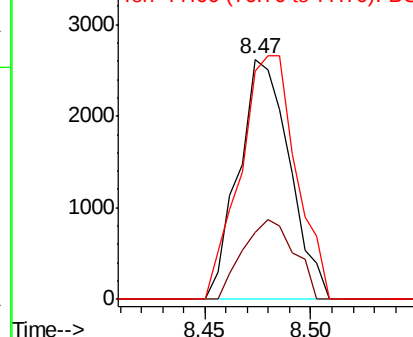
79 100

108 27.8 57.8 86.6#

77 95.2 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: 0.009 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

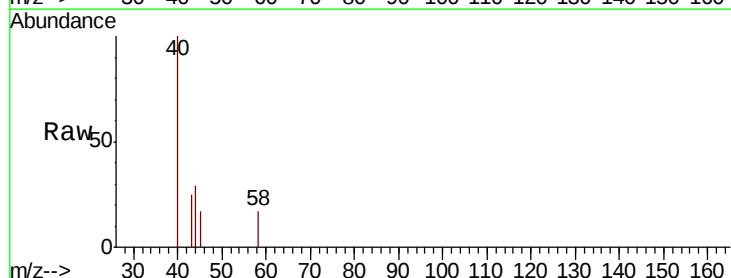
Tgt Ion: 45 Resp: 54

Ion Ratio Lower Upper

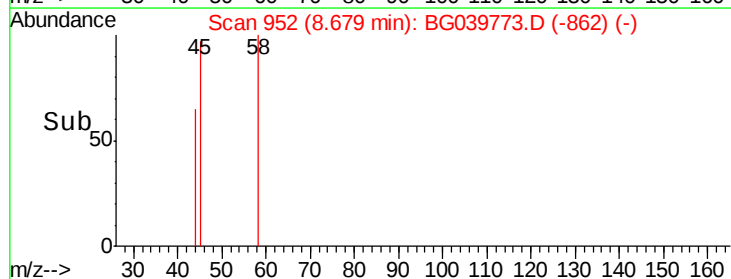
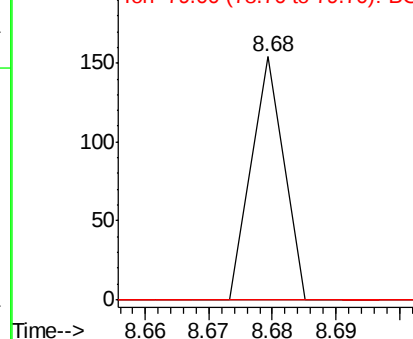
45 100

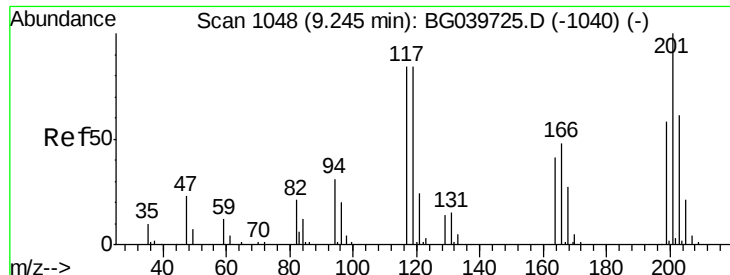
77 0.0 0.0 30.0

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

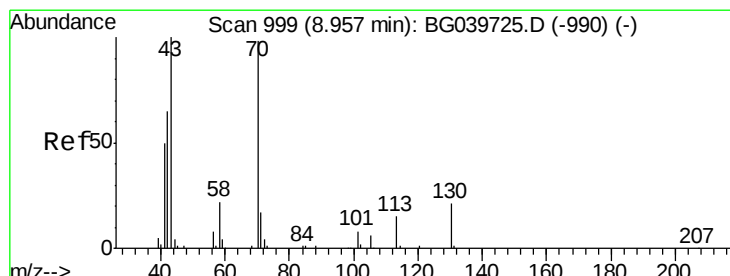
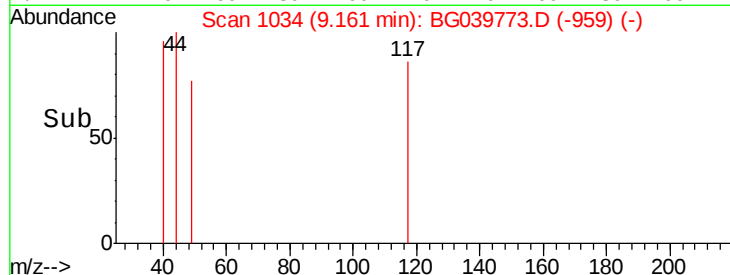
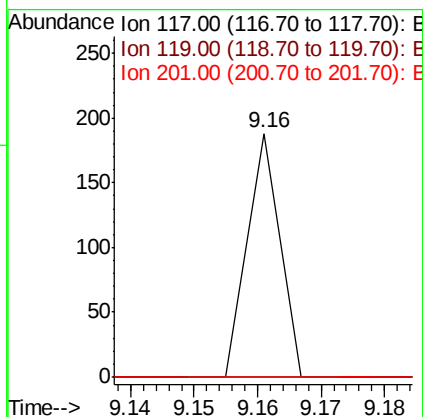
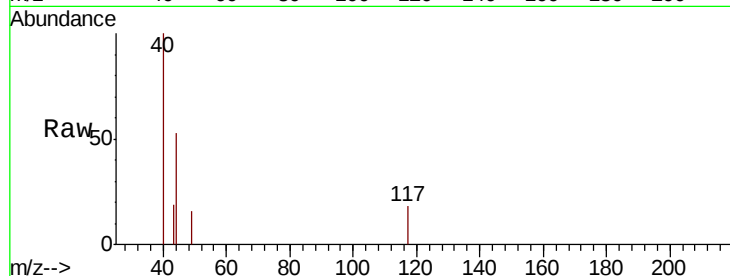




#18
Hexachloroethane
Concen: 0.053 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.09 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

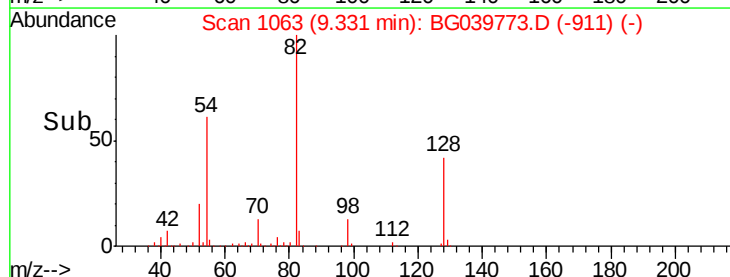
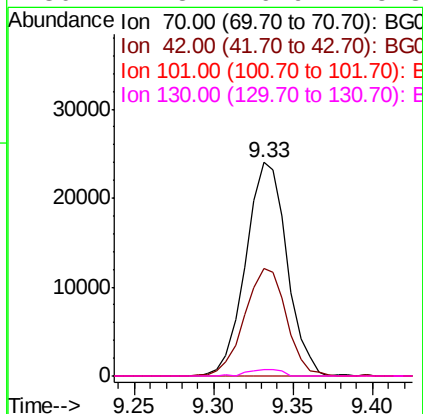
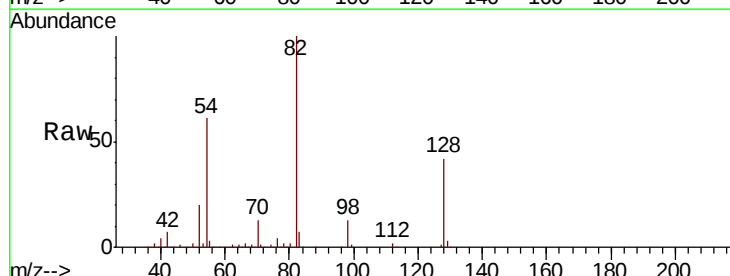
Instrument :
BNA_G
ClientSampleId :
MW-6

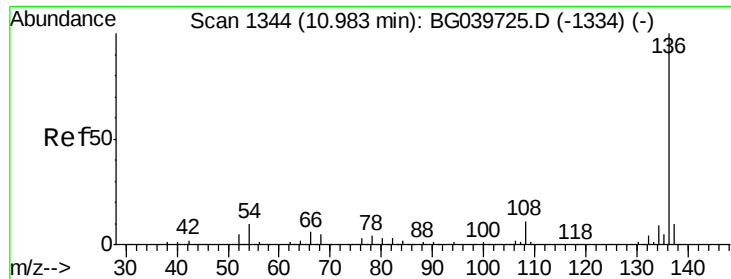
Tgt Ion: 117 Resp: 66
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
201 0.0 91.1 136.7#



#19
n-Nitroso-di-n-propylamine
Concen: 16.344 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion: 70 Resp: 43316
Ion Ratio Lower Upper
70 100
42 50.6 60.4 90.6#
101 0.0 7.5 11.3#
130 2.8 16.9 25.3#

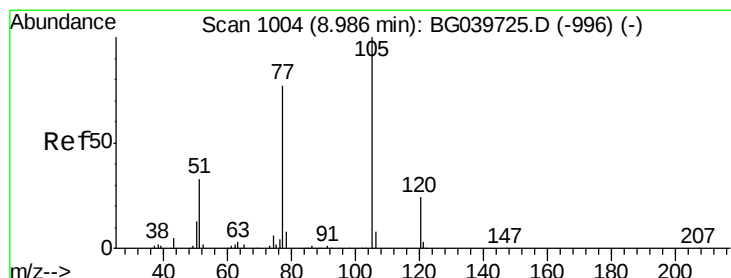
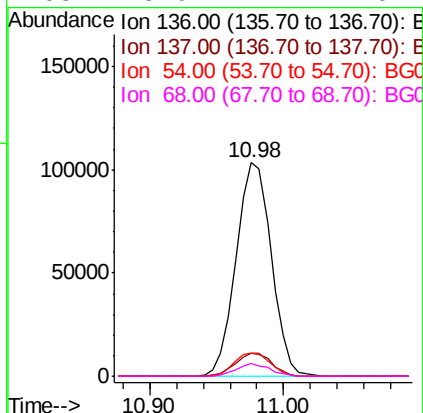
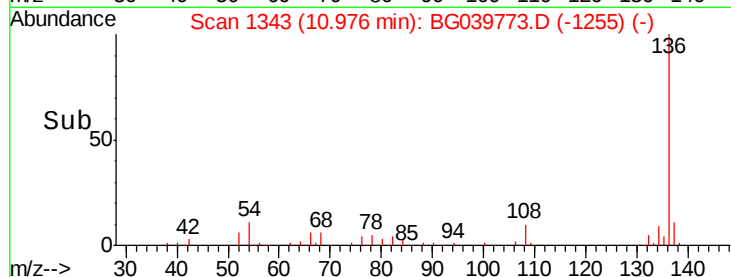
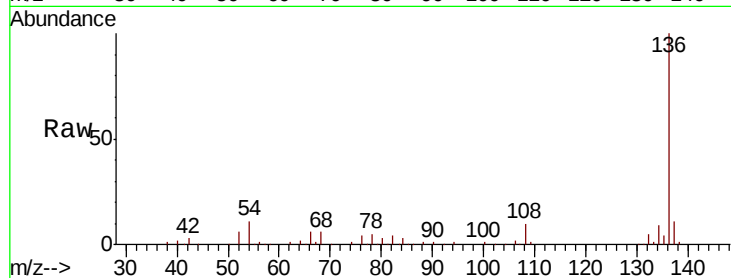




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

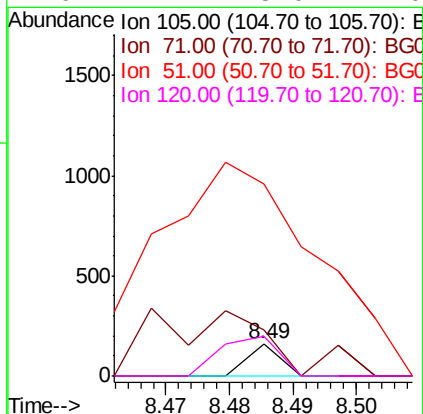
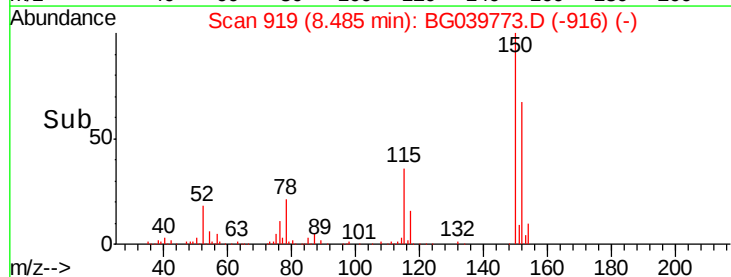
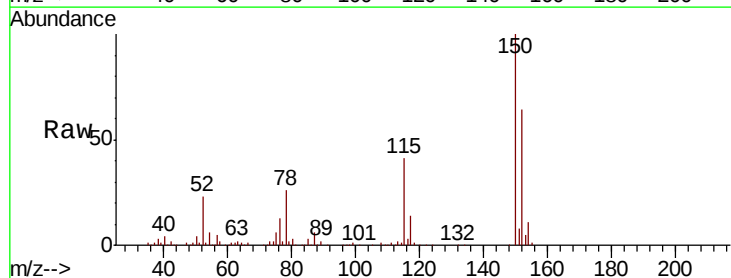
Instrument :
BNA_G
ClientSampleId :
MW-6

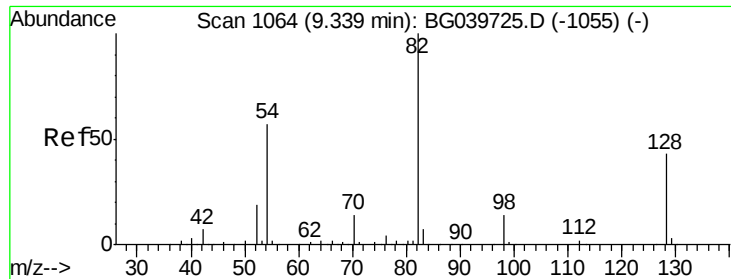
Tgt Ion:	136	Resp:	189051
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.8	9.4	14.2
68	5.9	4.2	6.4



#22
Acetophenone
Concen: 0.011 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.51 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion:	105	Resp:	57
Ion	Ratio	Lower	Upper
105	100		
71	141.1	0.8	1.2#
51	587.7	30.2	45.2#
120	122.7	18.0	27.0#

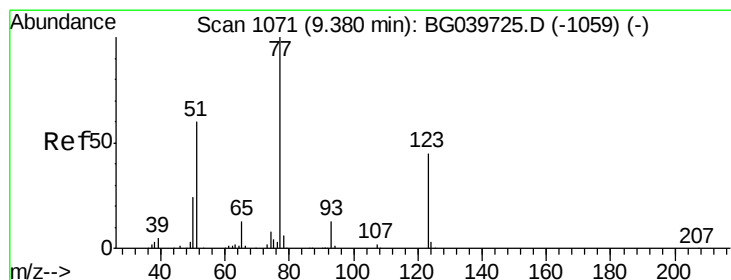
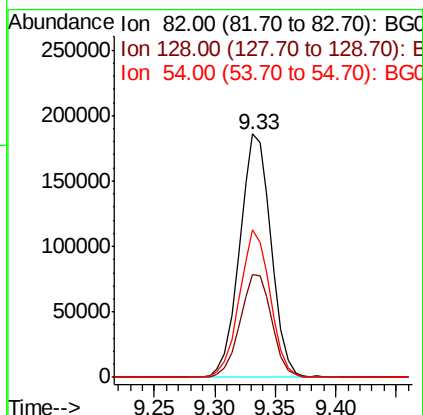
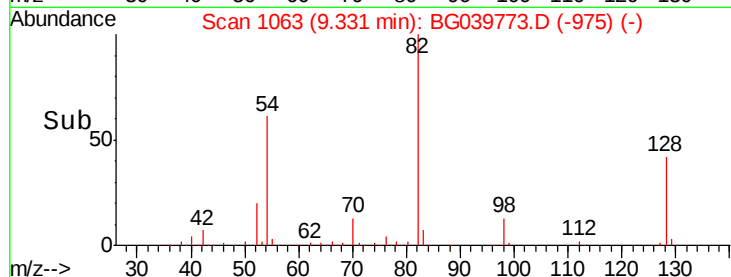
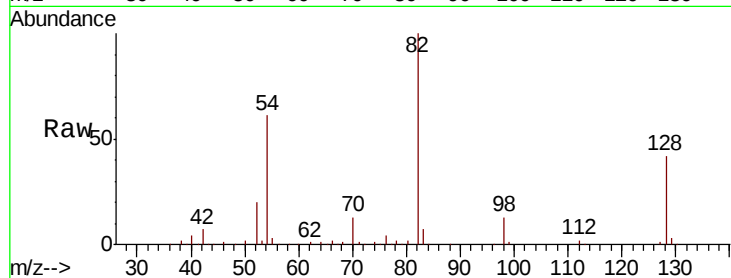




#23
Nitrobenzene-d5
Concen: 96.199 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

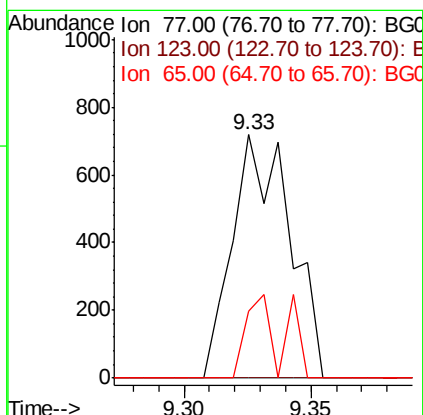
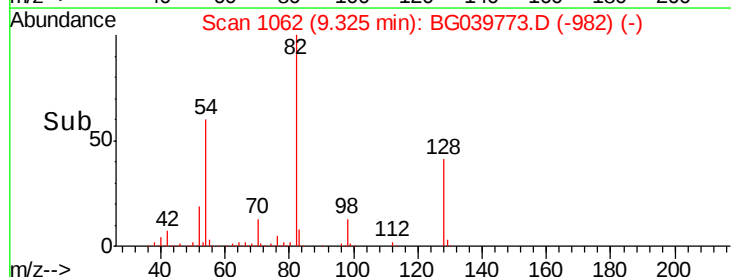
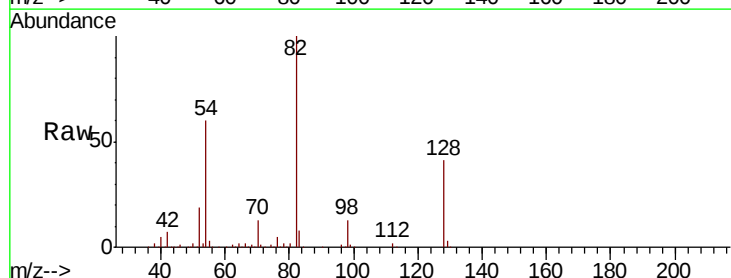
Instrument :
BNA_G
ClientSampleId :
MW-6

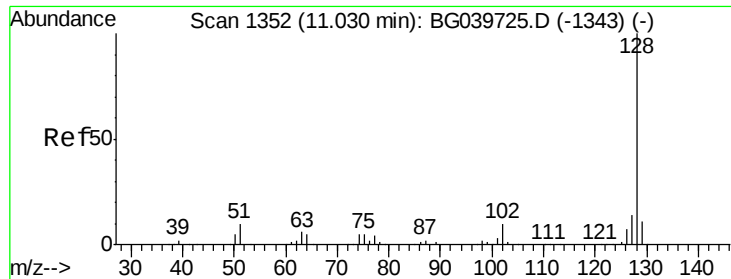
Tgt Ion: 82 Resp: 336264
Ion Ratio Lower Upper
82 100
128 42.3 31.3 46.9
54 60.8 50.9 76.3



#24
Nitrobenzene
Concen: 0.310 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion: 77 Resp: 1138
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 27.7 12.3 18.5#

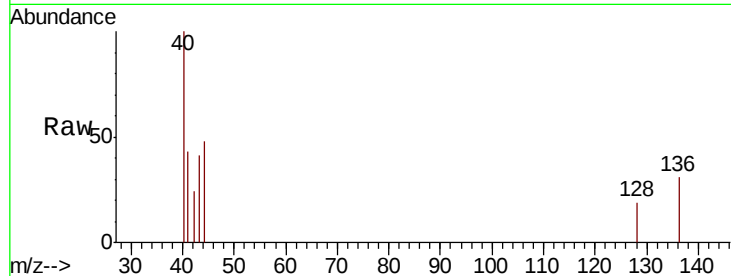




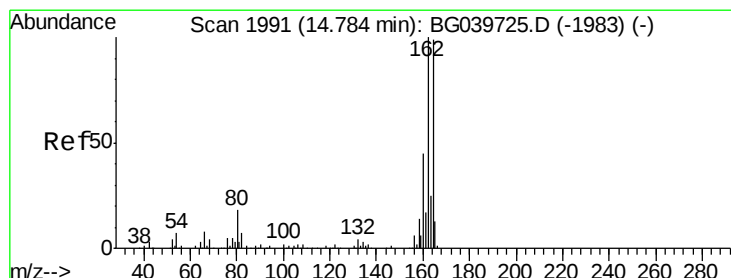
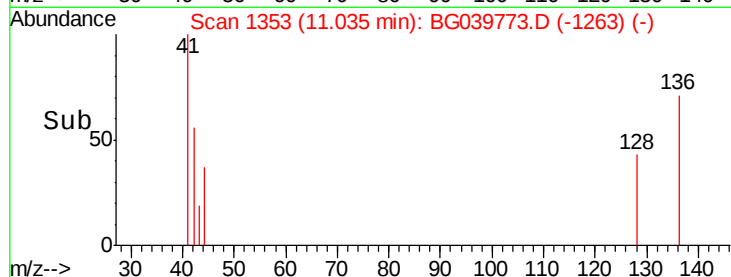
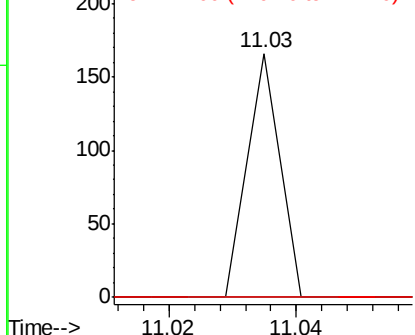
#31
Naphthalene
Concen: 0.006 ng
RT: 11.03 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:128 Resp: 59
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.8 16.2#

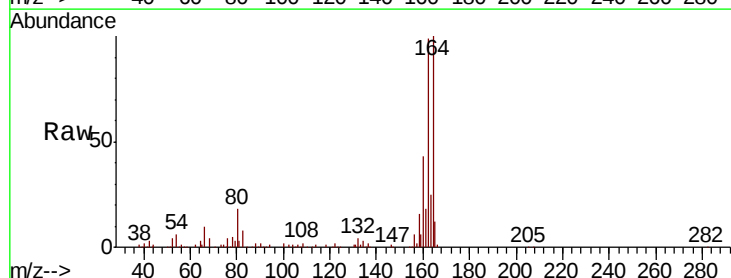


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

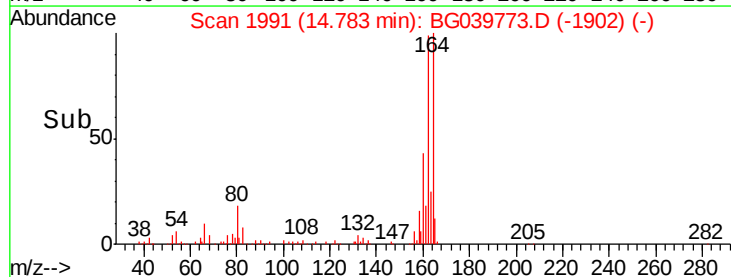
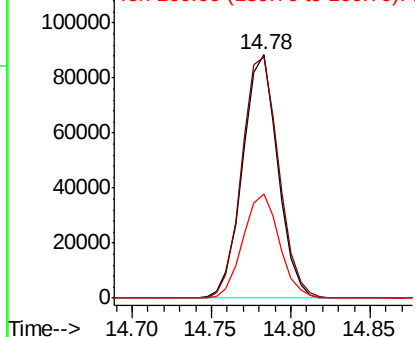


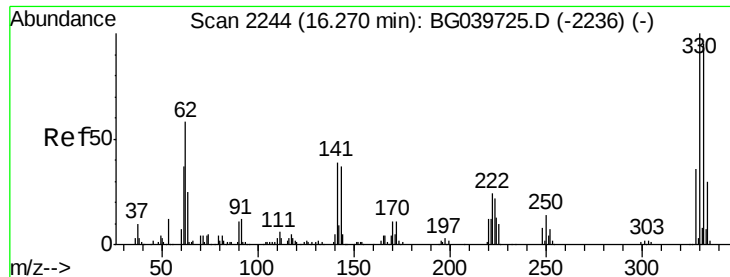
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion:164 Resp: 136114
Ion Ratio Lower Upper
164 100
162 98.8 81.6 122.4
160 42.7 34.2 51.2



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

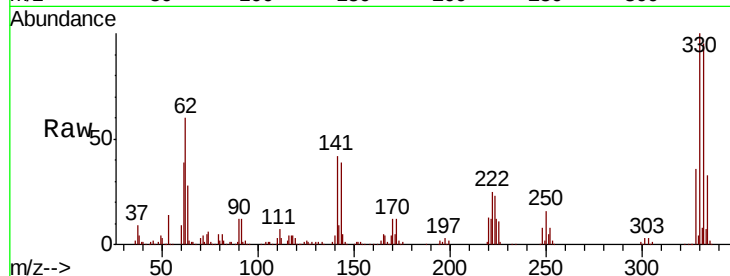




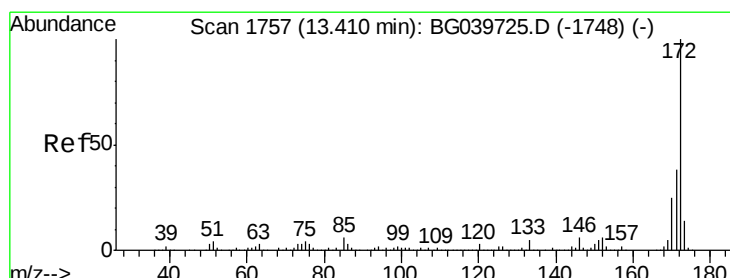
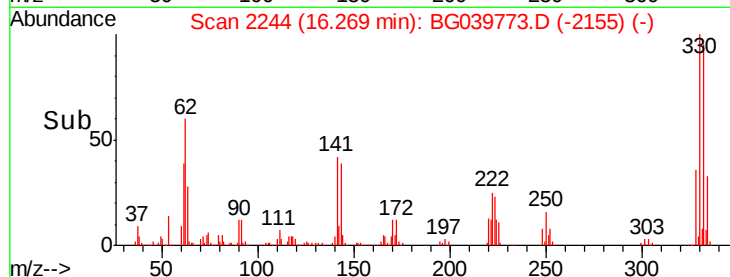
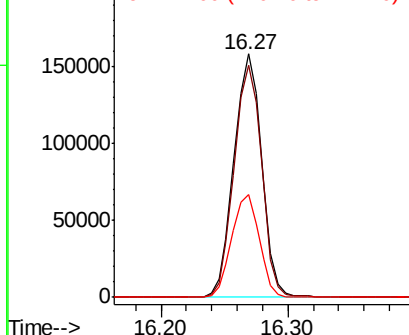
#42
 2,4,6-Tribromophenol
 Concen: 150.912 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039773.D
 Acq: 5 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tgt Ion:330 Resp: 239424
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.7 113.5
 141 42.1 35.6 53.4

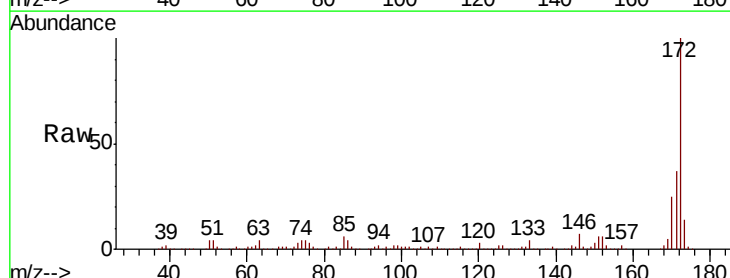


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

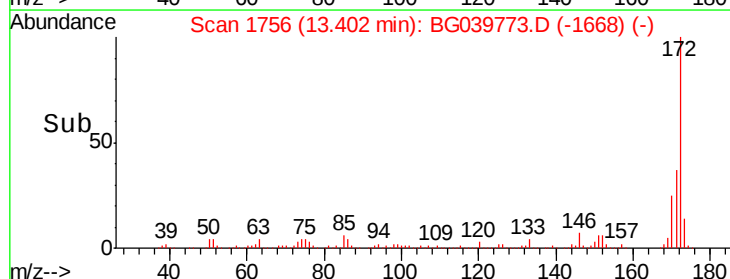
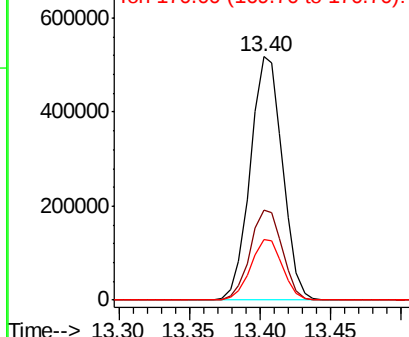


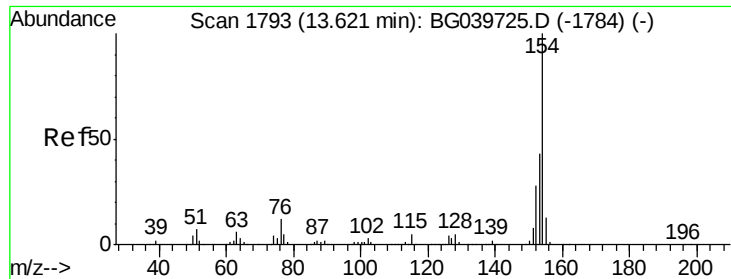
#45
 2-Fluorobiphenyl
 Concen: 86.649 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039773.D
 Acq: 5 Mar 2019 20:45

Tgt Ion:172 Resp: 828342
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.7 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

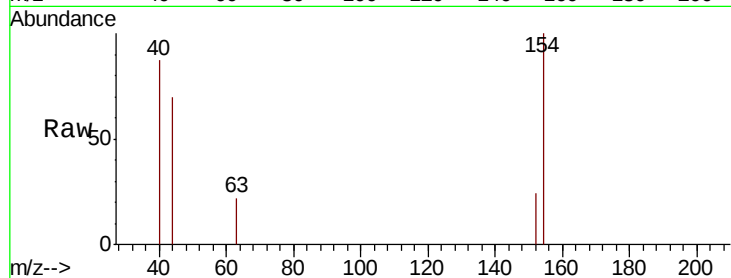




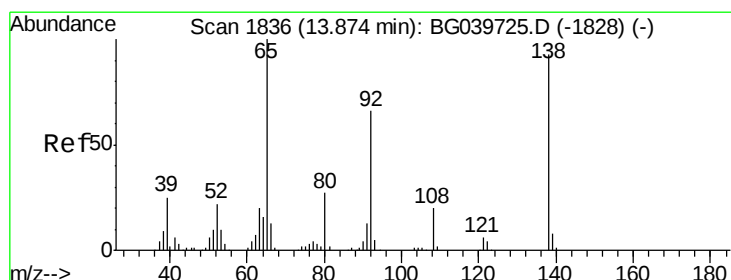
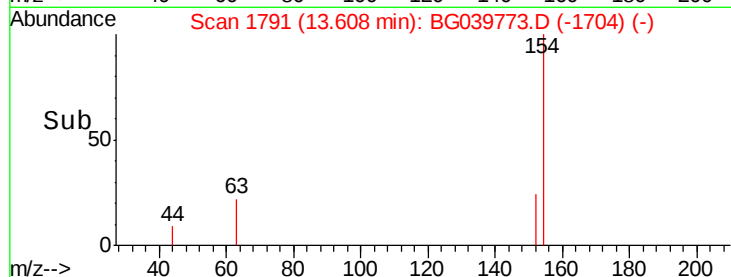
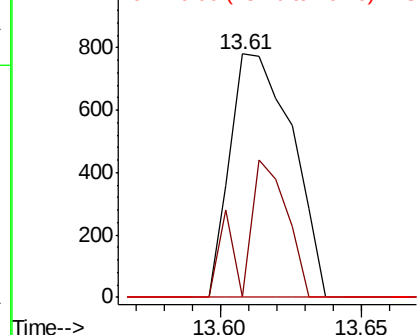
#46
1,1'-Biphenyl
Concen: 0.106 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion: 154 Resp: 1192
Ion Ratio Lower Upper
154 100
153 0.0 22.1 62.1#
76 0.0 0.0 32.4

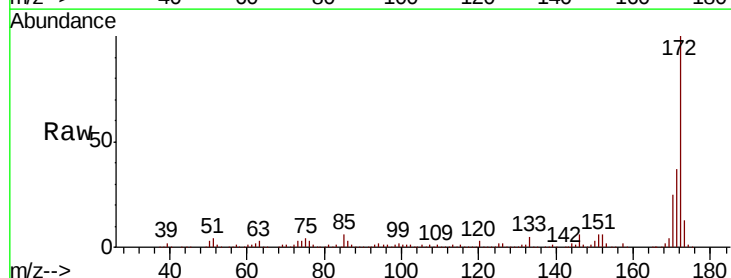


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

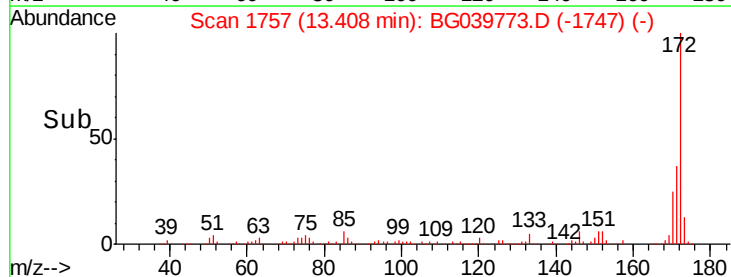
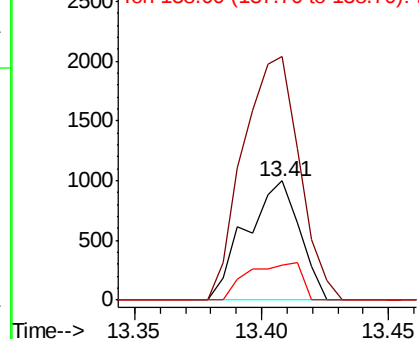


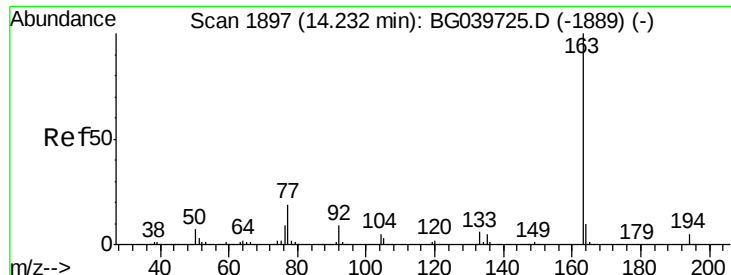
#48
2-Nitroaniline
Concen: 0.541 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.47 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion: 65 Resp: 1465
Ion Ratio Lower Upper
65 100
92 204.5 51.4 77.2#
138 29.7 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): E





#50

Dimethylphthalate

Concen: 1.422 ng

RT: 14.22 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

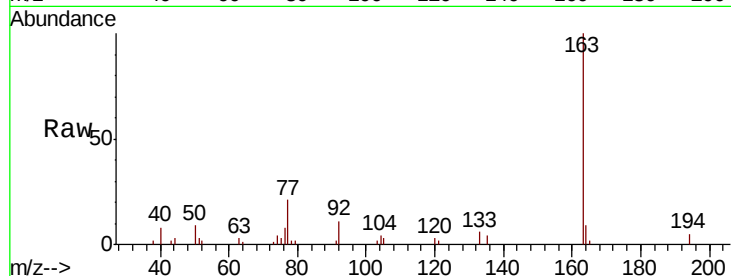
Tgt Ion:163 Resp: 16186

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

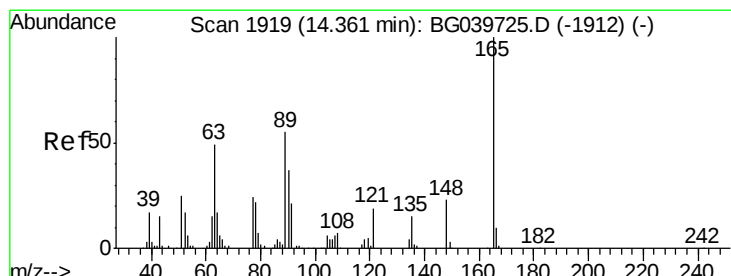
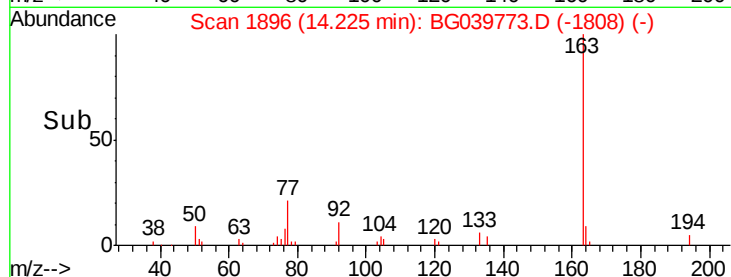
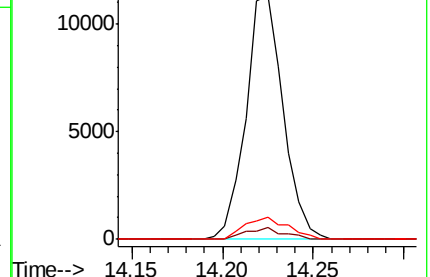
164 9.4 8.4 12.6



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: 7.424 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

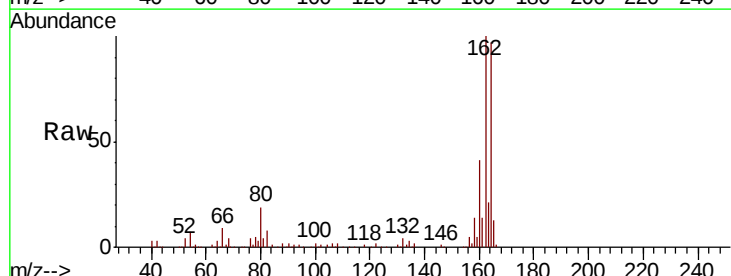
Tgt Ion:165 Resp: 17912

Ion Ratio Lower Upper

165 100

63 1.4 47.0 70.6#

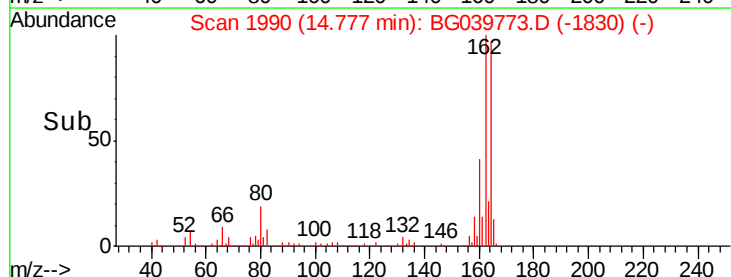
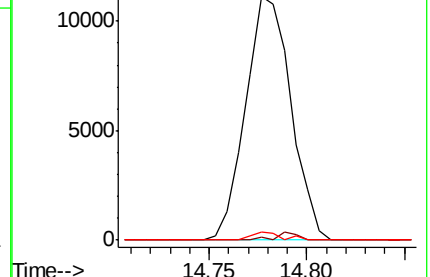
89 3.3 45.8 68.8#

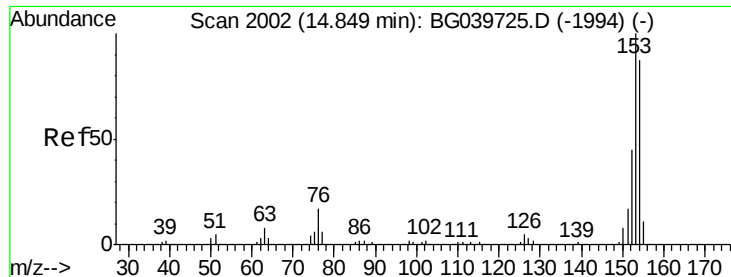


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.054 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.08 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

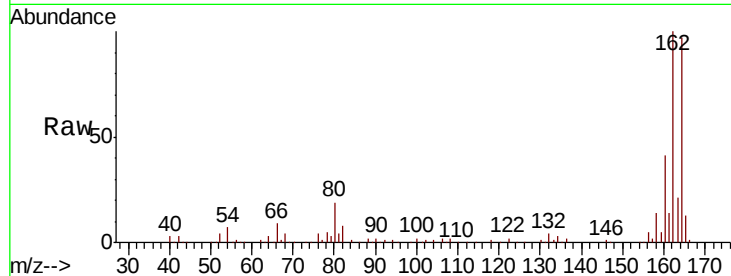
Tgt Ion:154 Resp: 448

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

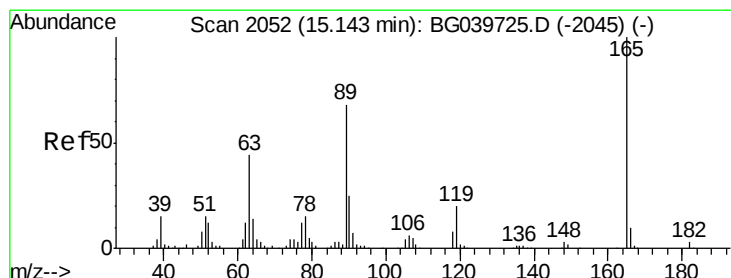
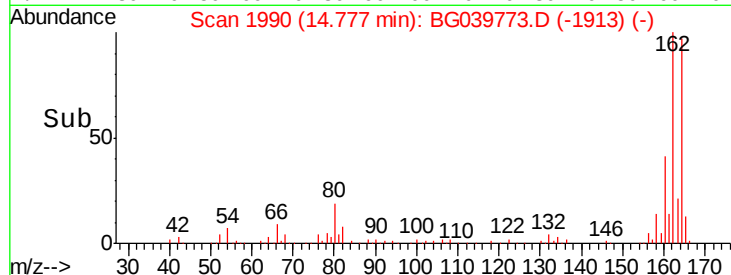
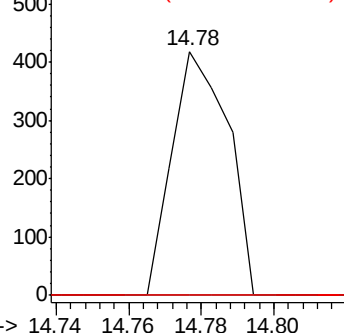
152 0.0 40.9 61.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.283 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Tgt Ion:165 Resp: 17912

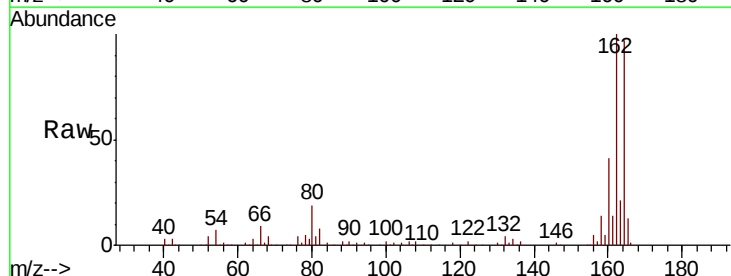
Ion Ratio Lower Upper

165 100

63 1.4 41.0 61.6#

89 3.3 64.6 96.8#

182 0.0 2.0 3.0#

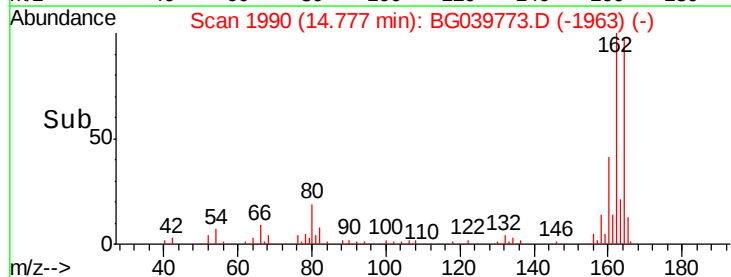
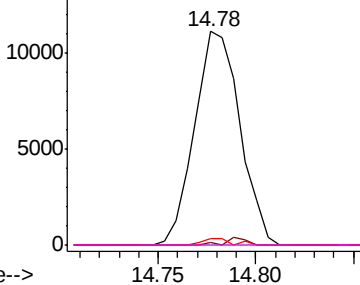


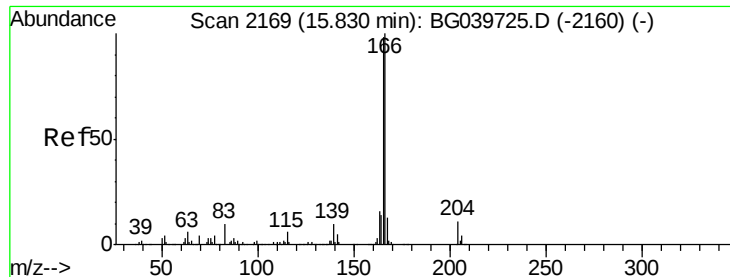
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.978 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.43 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampled :

MW-6

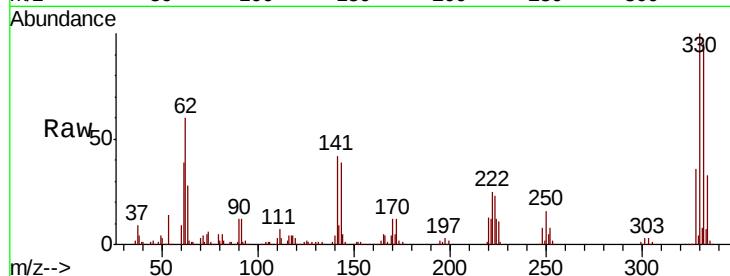
Tgt Ion:166 Resp: 10492

Ion Ratio Lower Upper

166 100

165 120.0 77.9 116.9#

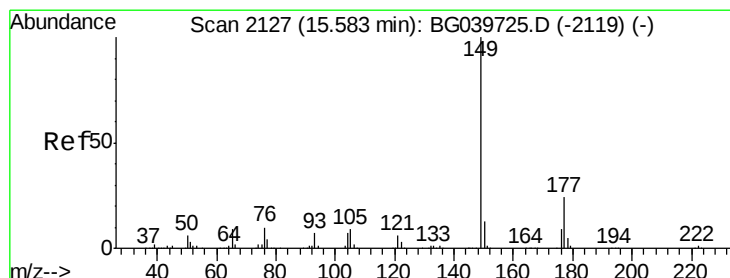
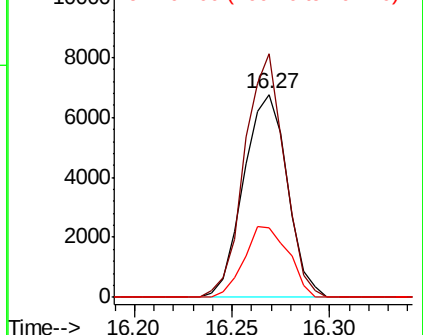
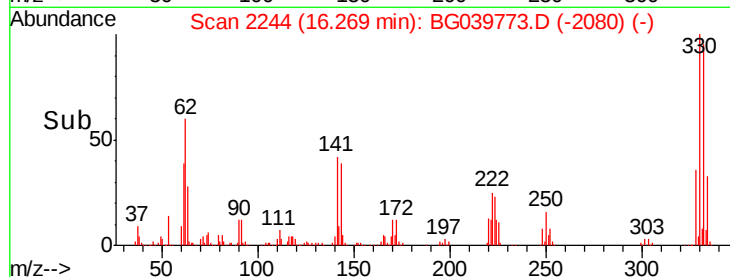
167 34.1 10.8 16.2#



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: 0.070 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

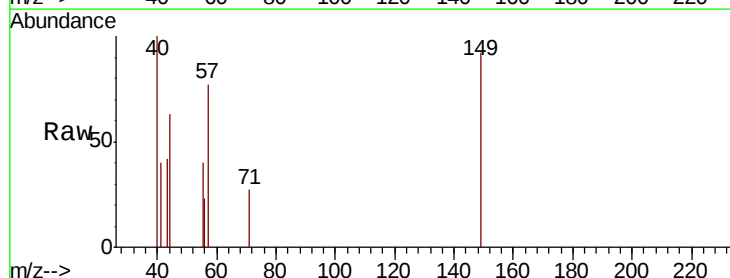
Tgt Ion:149 Resp: 787

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

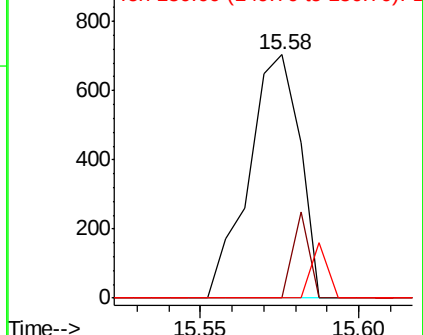
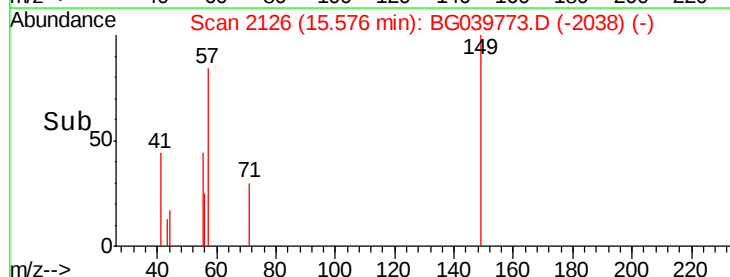
150 0.0 10.2 15.2#

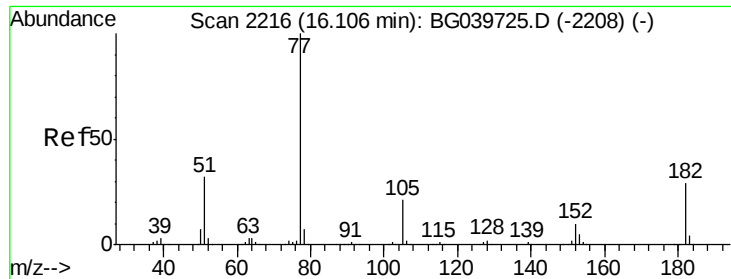


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.005 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

Tgt Ion: 77 Resp: 53

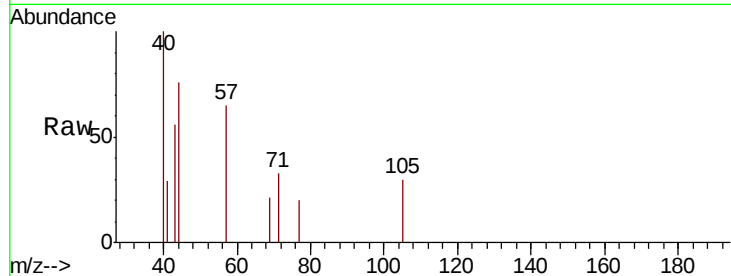
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 148.3 0.0 39.8#

51 0.0 14.1 54.1#

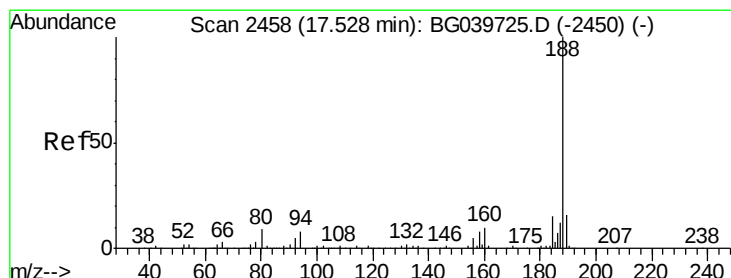
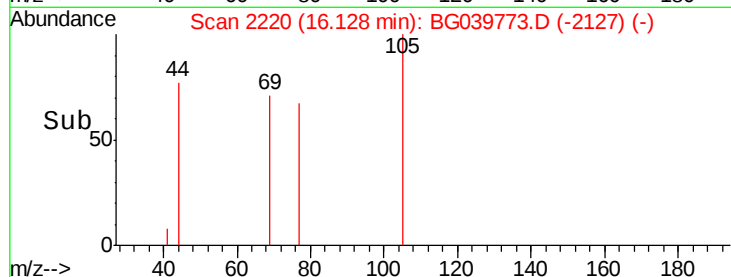
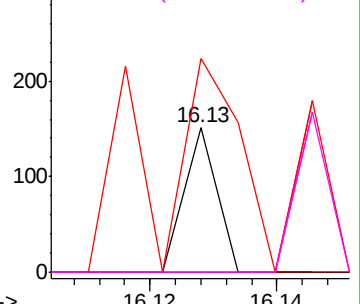


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

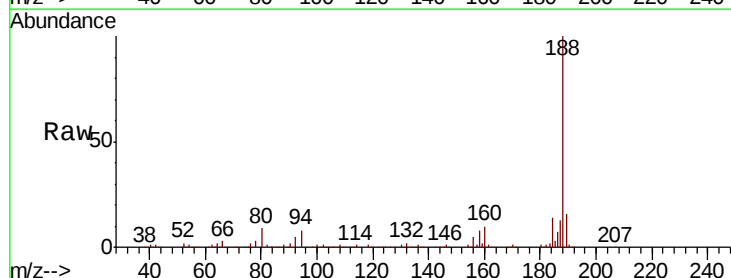
Tgt Ion: 188 Resp: 332665

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

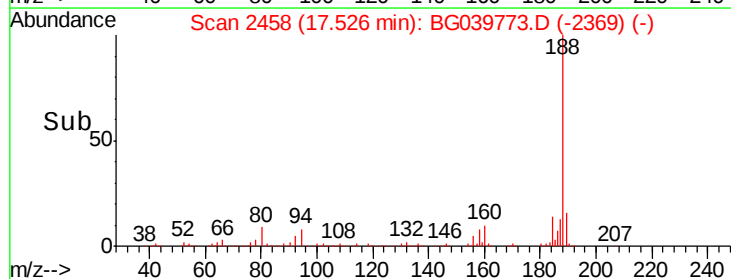
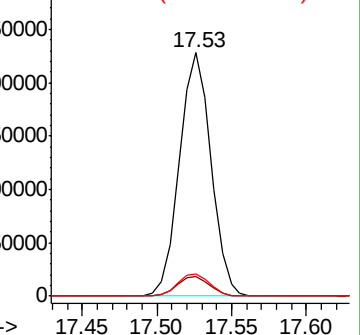
80 9.1 8.1 12.1

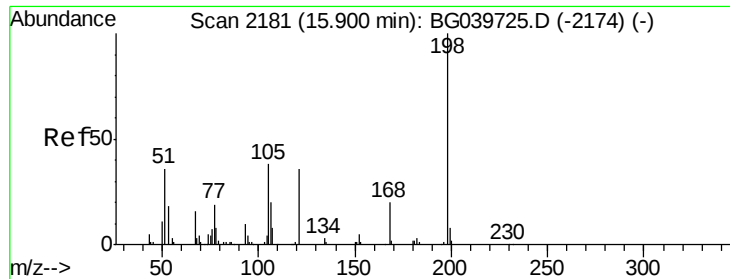


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

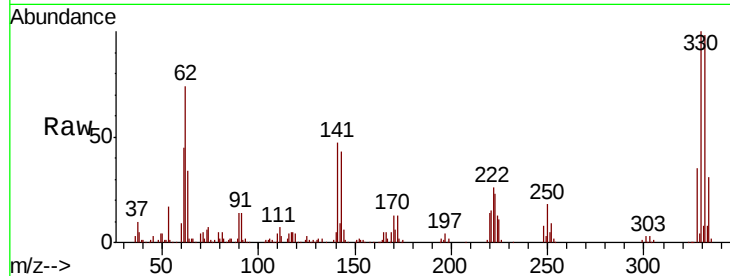




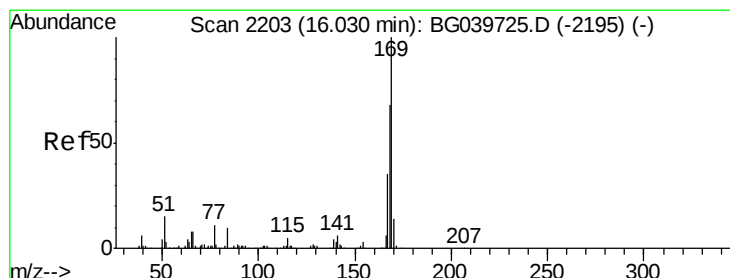
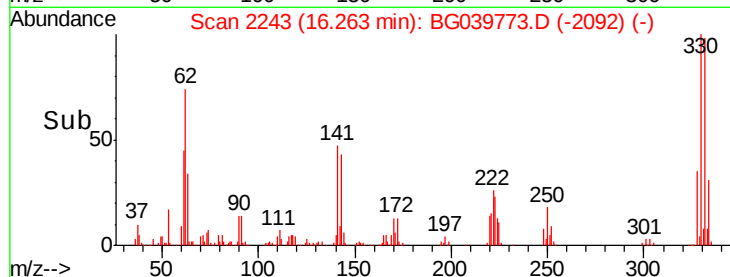
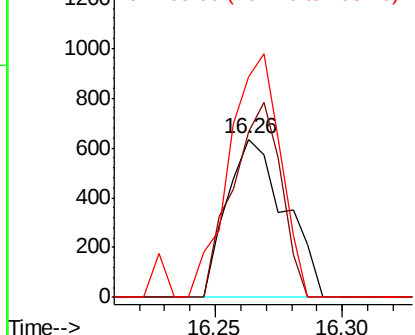
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.516 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.36 min
 Lab File: BG039773.D
 Acq: 5 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tgt Ion:198 Resp: 1014
 Ion Ratio Lower Upper
 198 100
 51 104.7 27.4 67.4#
 105 138.8 19.7 59.7#

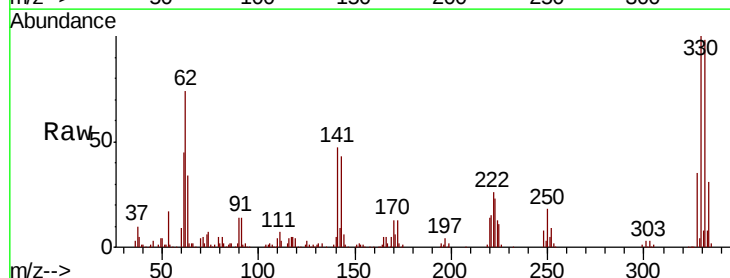


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

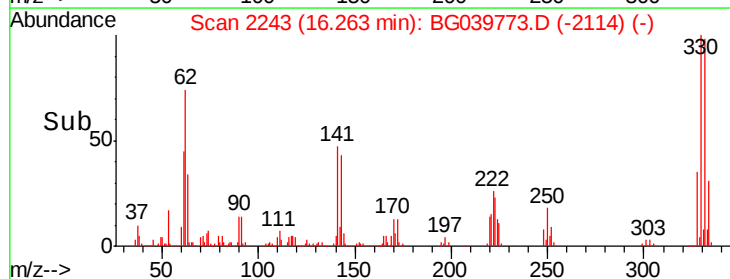
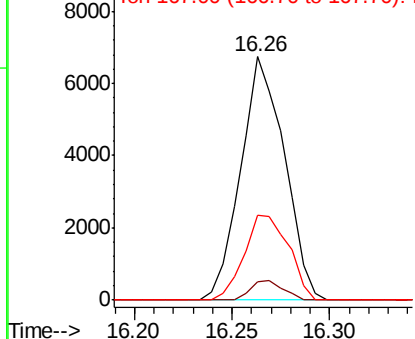


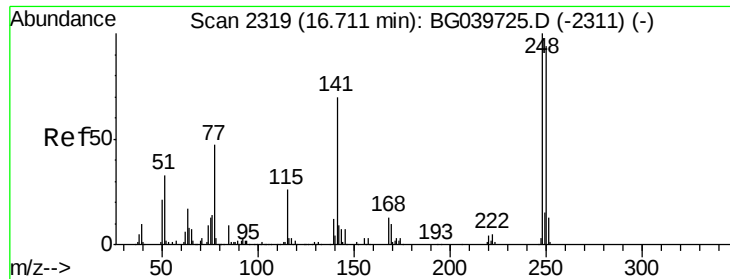
#66
 n-Nitrosodiphenylamine
 Concen: 1.083 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039773.D
 Acq: 5 Mar 2019 20:45

Tgt Ion:169 Resp: 10429
 Ion Ratio Lower Upper
 169 100
 168 7.3 56.6 85.0#
 167 34.8 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

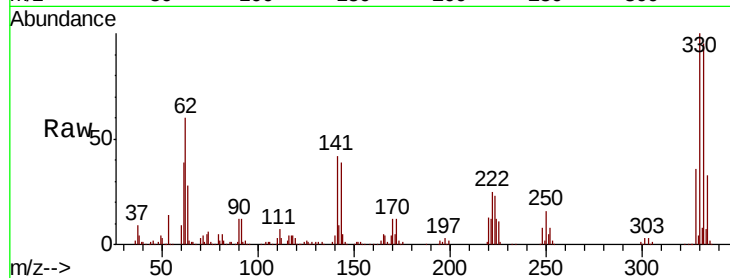




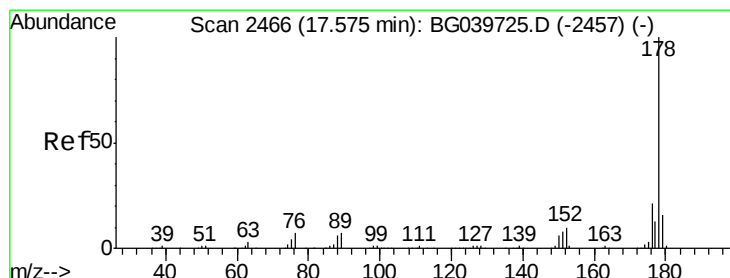
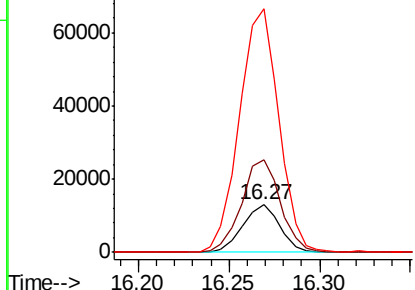
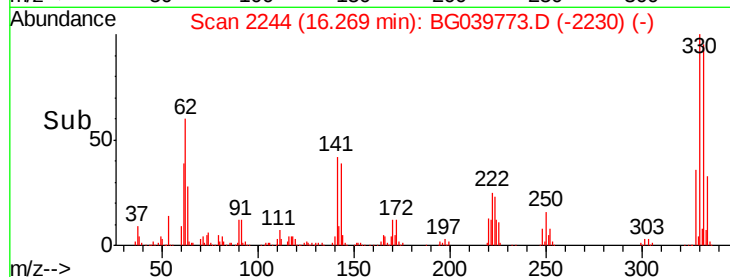
#67
 4-Bromophenyl-phenylether
 Concen: 5.024 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039773.D
 Acq: 5 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tgt Ion:248 Resp: 18708
 Ion Ratio Lower Upper
 248 100
 250 194.4 77.6 116.4#
 141 511.7 63.9 95.9#

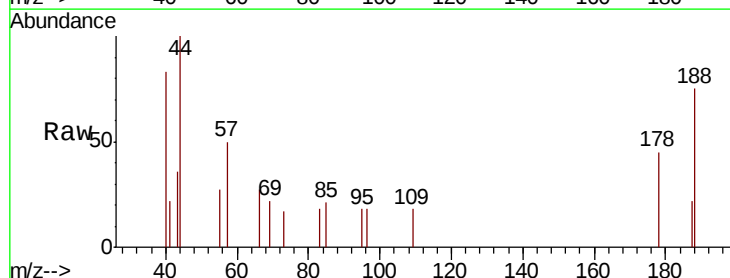


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

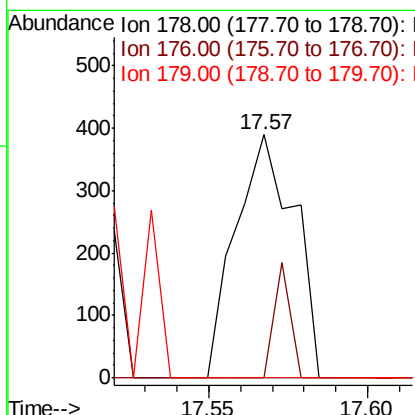
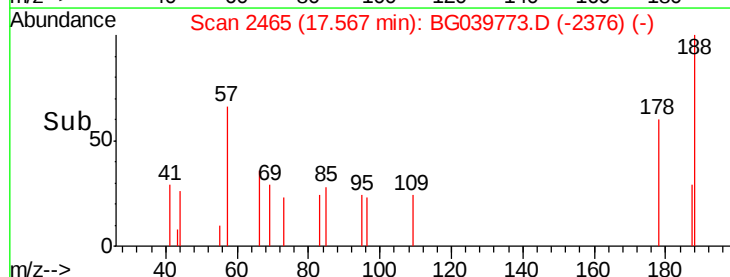


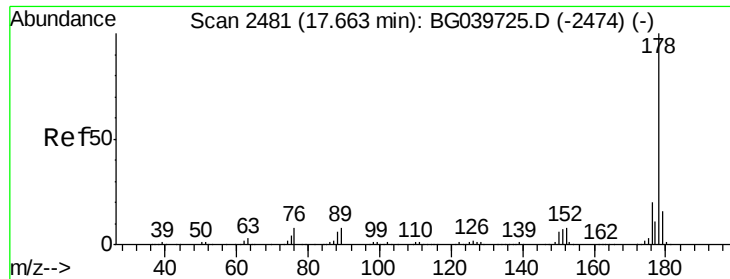
#71
 Phenanthrene
 Concen: 0.027 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG039773.D
 Acq: 5 Mar 2019 20:45

Tgt Ion:178 Resp: 498
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.6 19.0#



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

Anthracene

Concen: 0.028 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.10 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

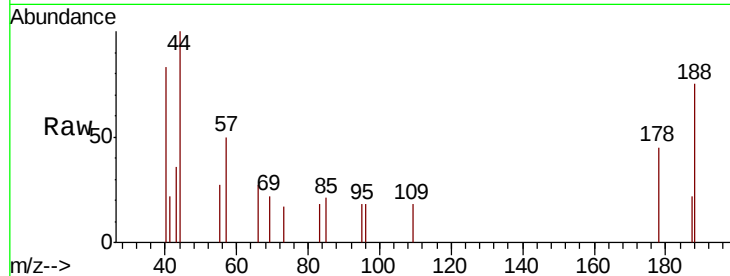
Tgt Ion:178 Resp: 498

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

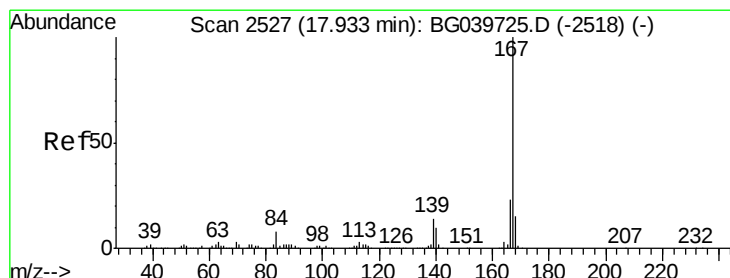
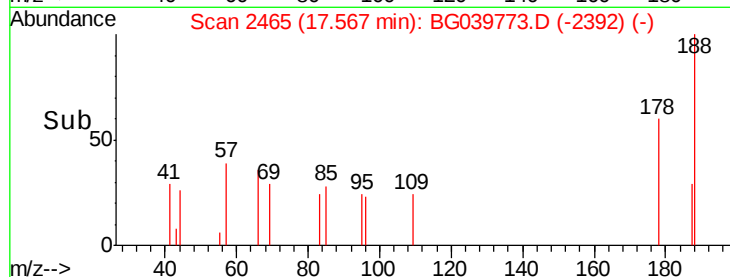
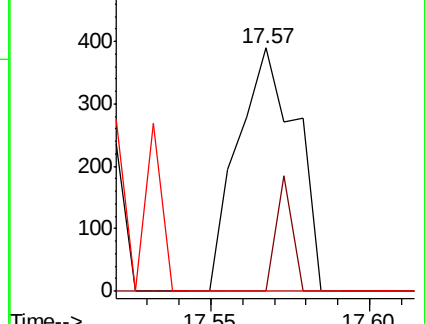
179 0.0 12.5 18.7#



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



#73

Carbazole

Concen: 0.004 ng

RT: 17.48 min Scan# 2451

Delta R.T. -0.45 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

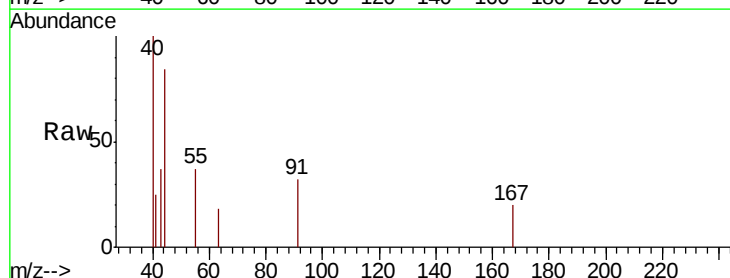
Tgt Ion:167 Resp: 58

Ion Ratio Lower Upper

167 100

166 0.0 19.4 29.2#

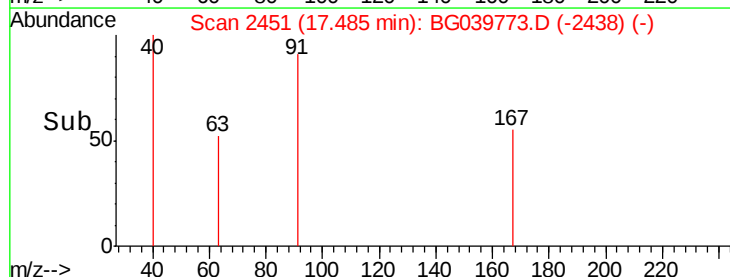
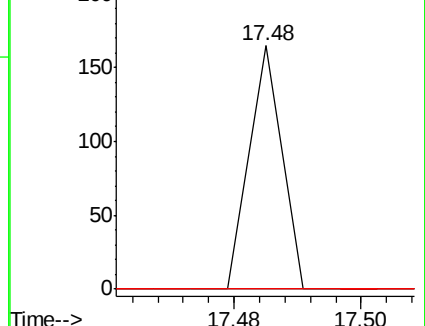
139 0.0 10.8 16.2#

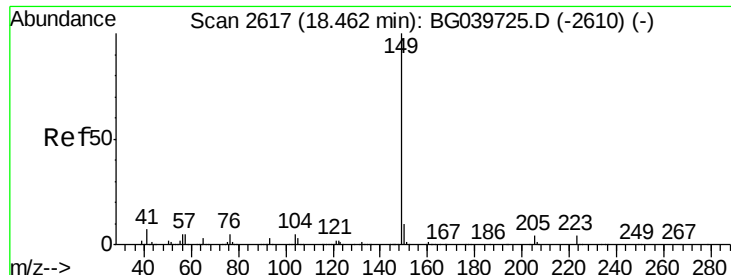


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

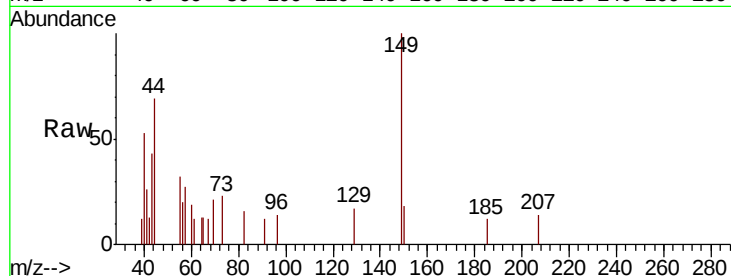




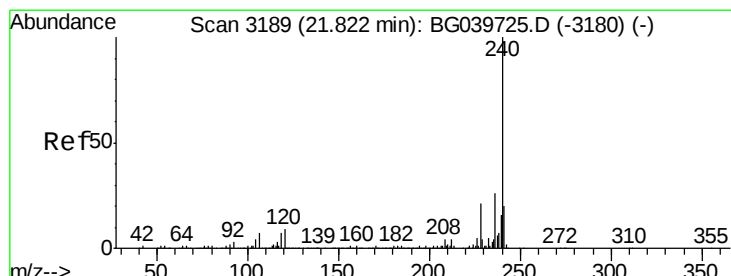
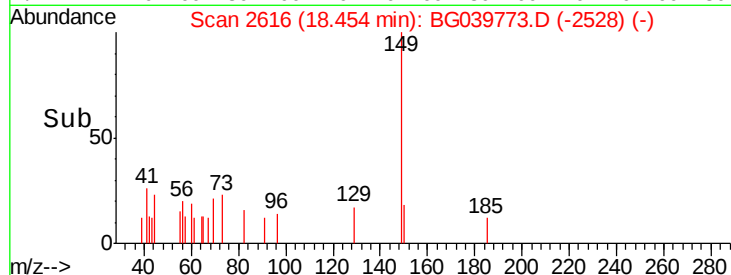
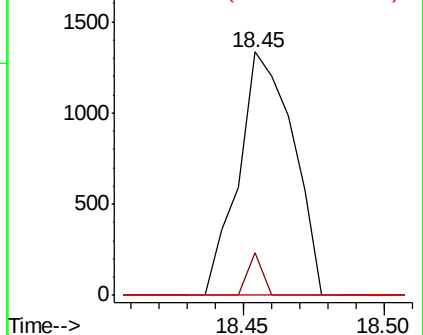
#74
Di-n-butylphthalate
Concen: 0.094 ng
RT: 18.45 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:149 Resp: 1782
Ion Ratio Lower Upper
149 100
150 17.5 7.7 11.5#
104 0.0 4.5 6.7#

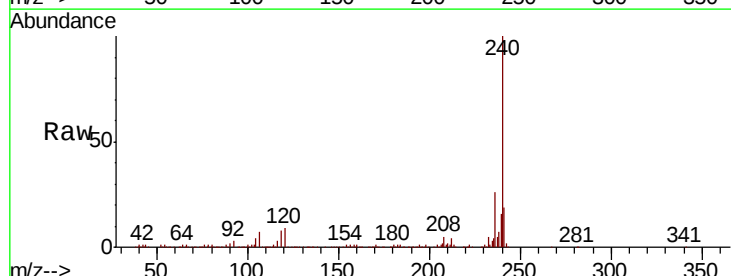


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

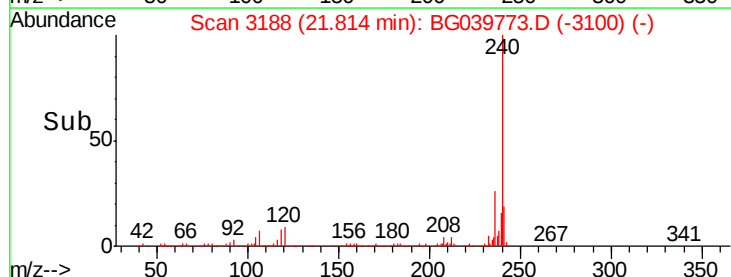
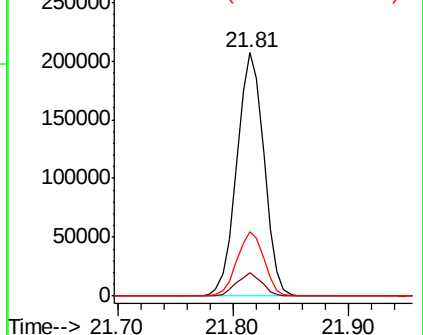


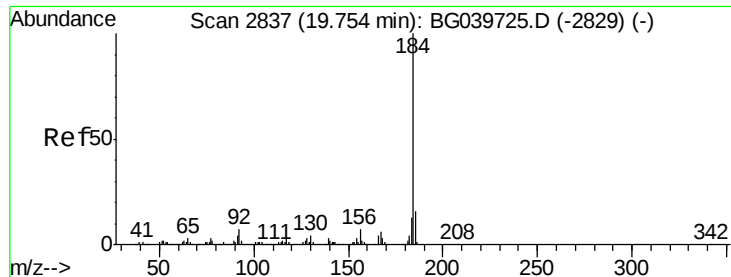
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion:240 Resp: 336720
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.3 21.0 31.4



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

Benzidine

Concen: 2.370 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.36 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampled :

MW-6

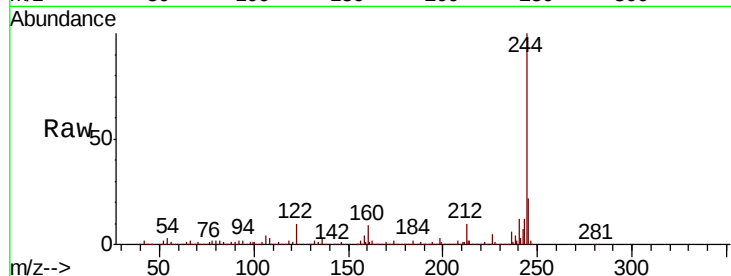
Tgt Ion:184 Resp: 25322

Ion Ratio Lower Upper

184 100

185 16.4 12.2 18.2

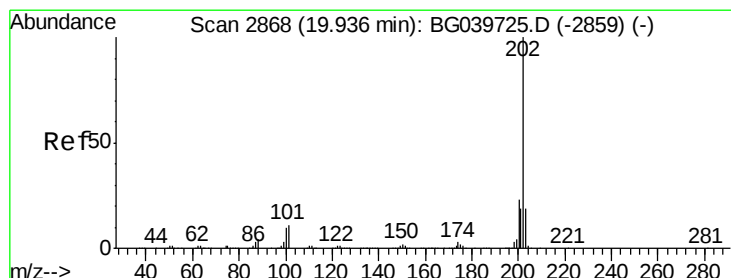
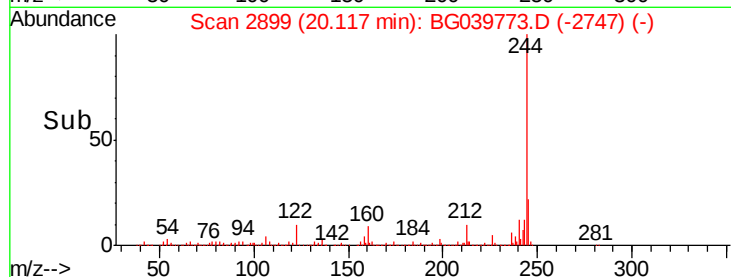
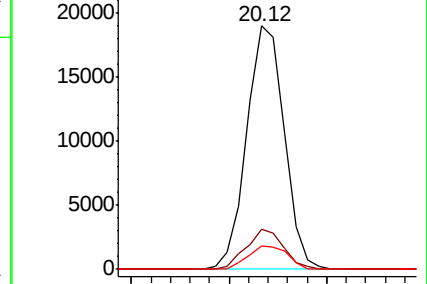
183 9.5 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.292 ng

RT: 20.12 min Scan# 2900

Delta R.T. 0.18 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

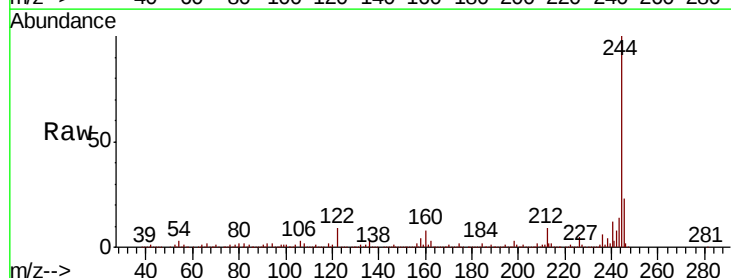
Tgt Ion:202 Resp: 6397

Ion Ratio Lower Upper

202 100

200 40.4 17.8 26.8#

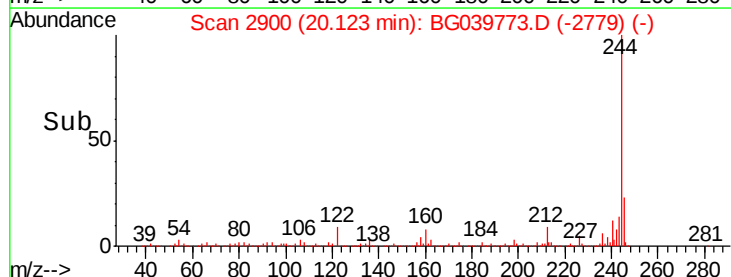
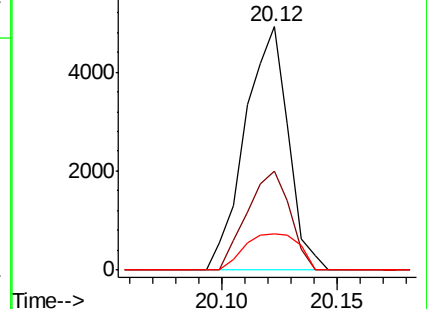
203 15.1 15.3 22.9#

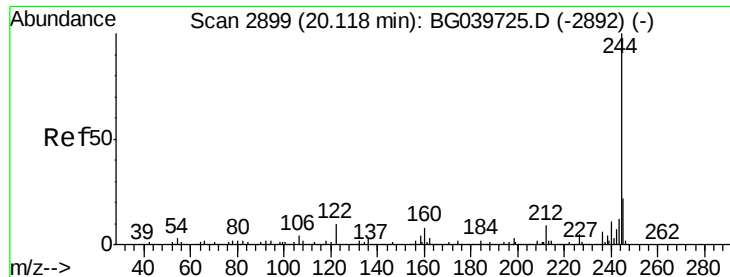


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

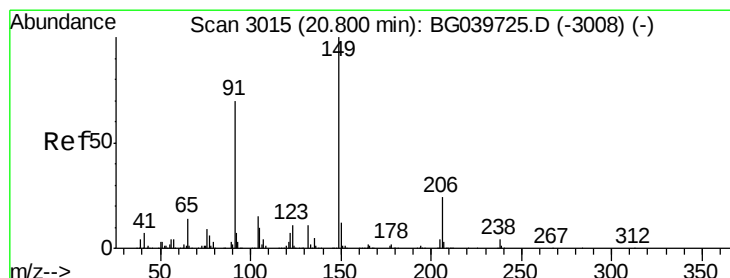
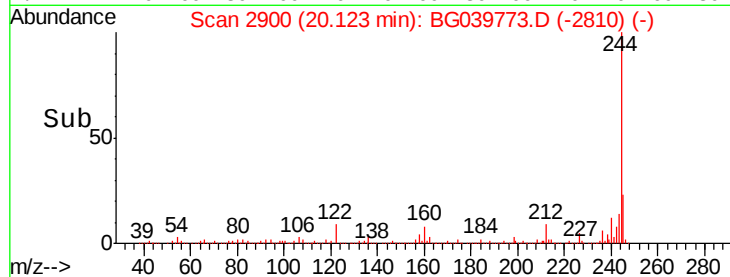
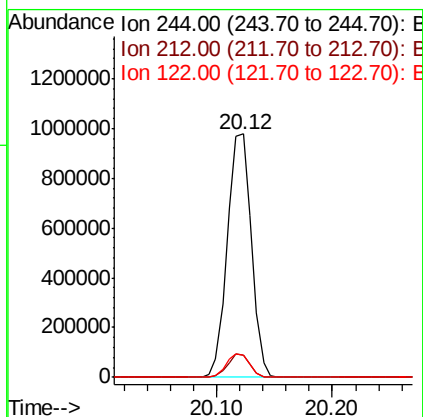
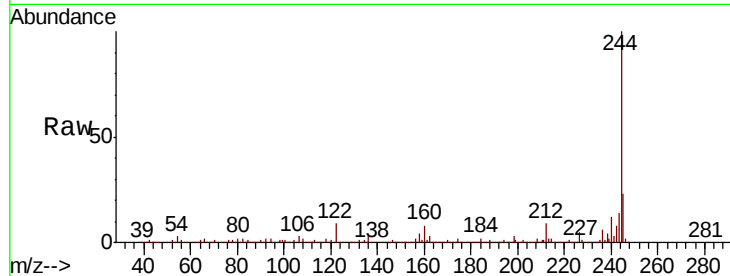




#79
 Terphenyl-d14
 Concen: 91.967 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039773.D
 Acq: 5 Mar 2019 20:45

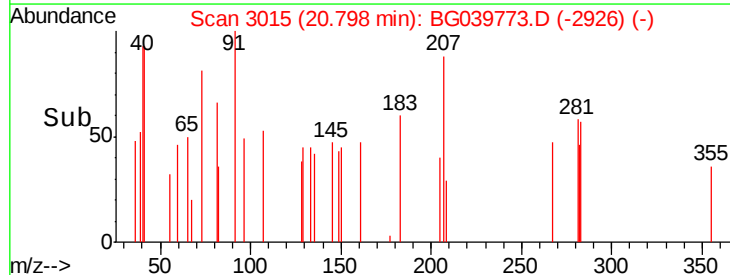
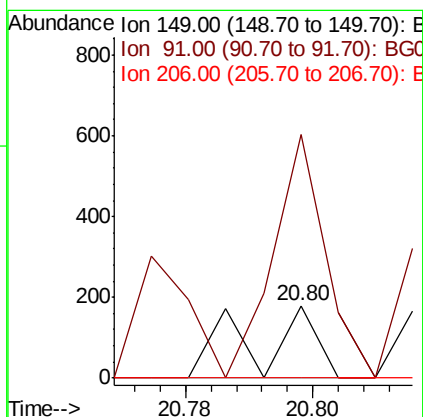
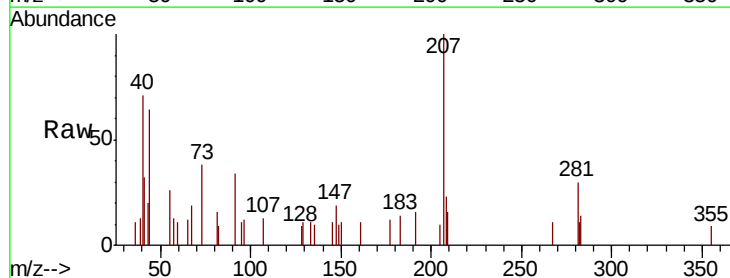
Instrument :
 BNA_G
 ClientSampleId :
 MW-6

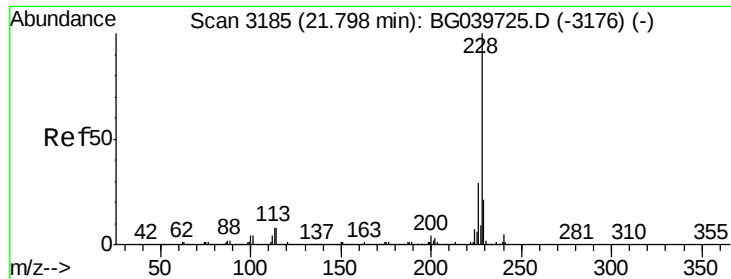
Tgt Ion:244 Resp: 1406442
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.3 10.9
 122 9.2 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 0.015 ng
 RT: 20.80 min Scan# 3015
 Delta R.T. -0.01 min
 Lab File: BG039773.D
 Acq: 5 Mar 2019 20:45

Tgt Ion:149 Resp: 124
 Ion Ratio Lower Upper
 149 100
 91 336.9 59.5 89.3#
 206 0.0 18.6 27.8#





#81

Benzo(a)anthracene

Concen: 0.054 ng

RT: 21.82 min Scan# 3189

Delta R.T. 0.02 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

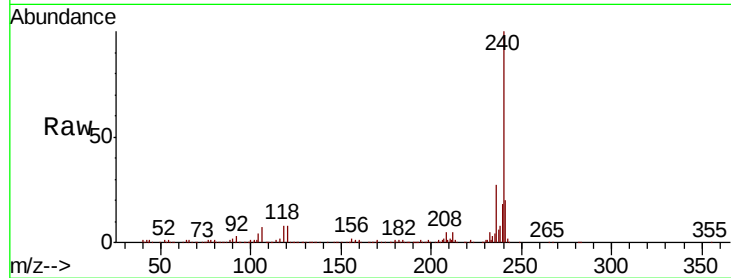
Tgt Ion:228 Resp: 1150

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

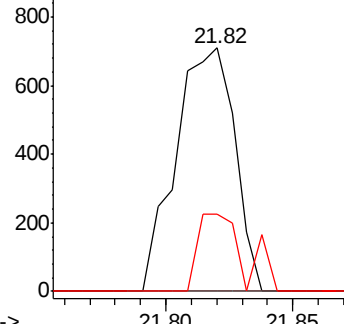
229 31.8 16.9 25.3#



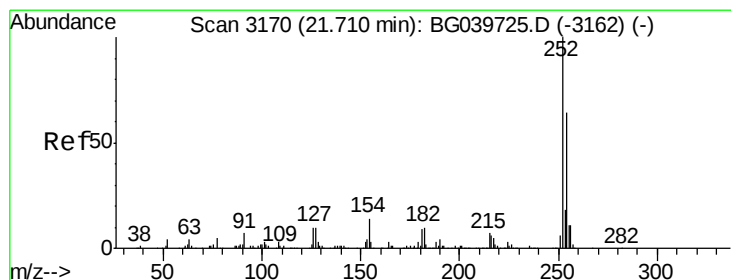
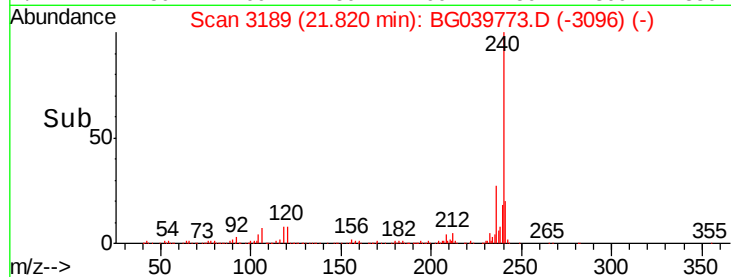
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.96 min Scan# 3213

Delta R.T. 0.24 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

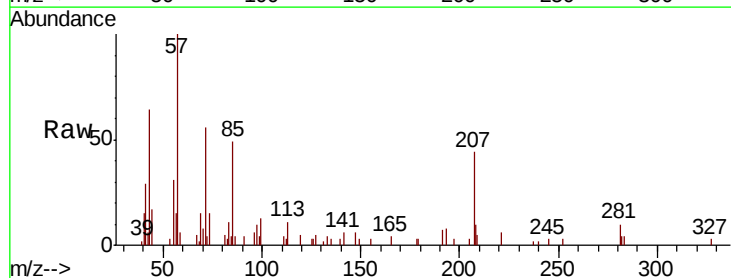
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

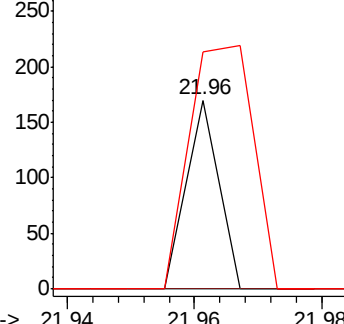
126 125.3 8.0 12.0#



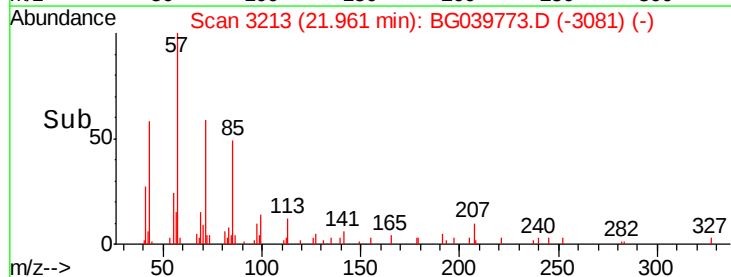
Abundance Ion 252.00 (251.70 to 252.70): E

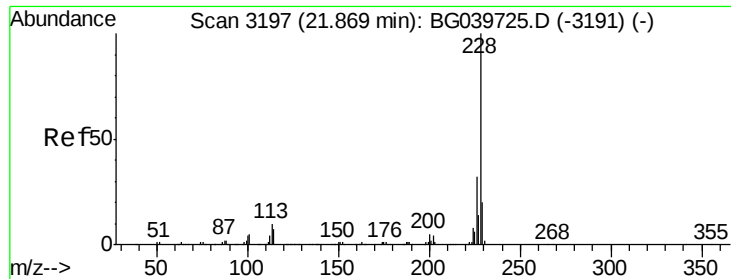
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 0.056 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.05 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

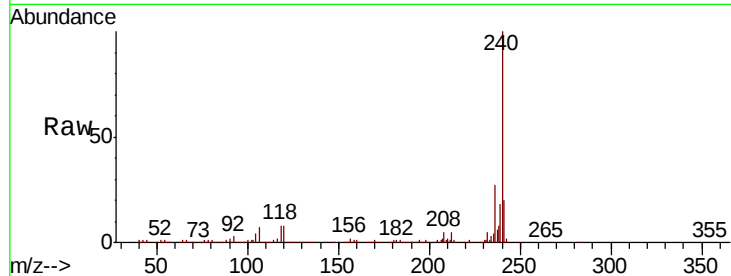
Tgt Ion:228 Resp: 1150

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

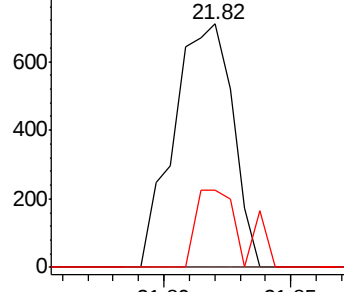
229 31.8 16.6 25.0#



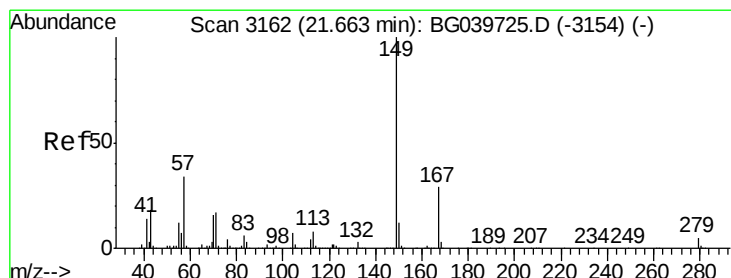
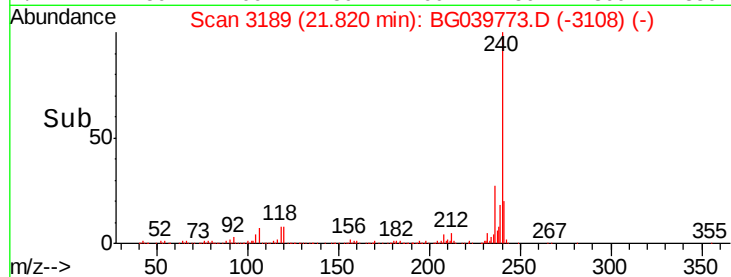
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.115 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

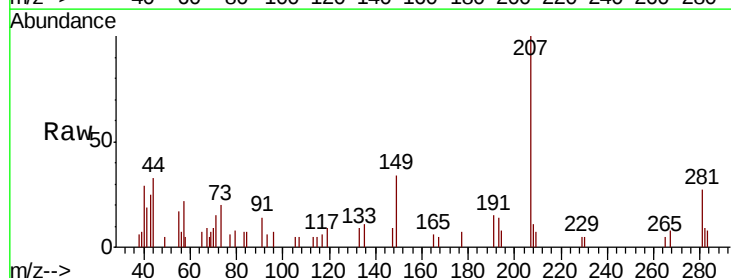
Tgt Ion:149 Resp: 1366

Ion Ratio Lower Upper

149 100

167 15.0 22.6 34.0#

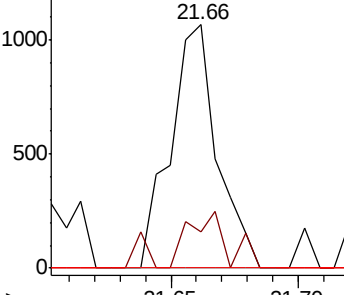
279 0.0 3.5 5.3#



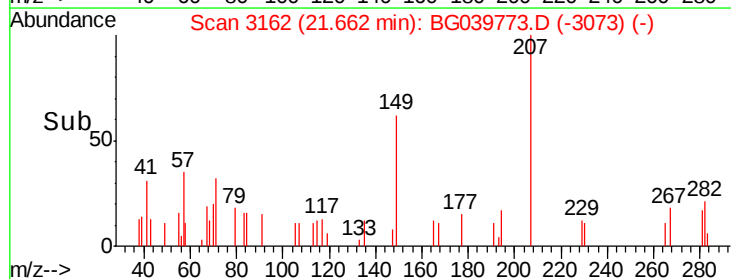
Abundance Ion 149.00 (148.70 to 149.70): E

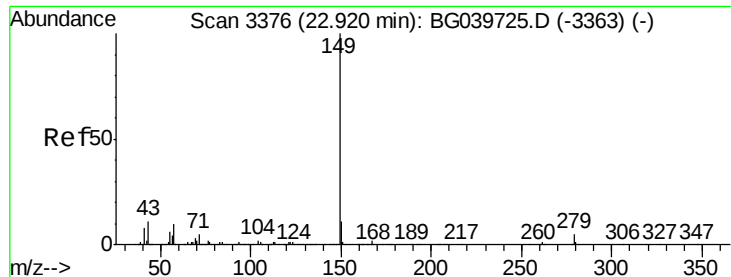
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

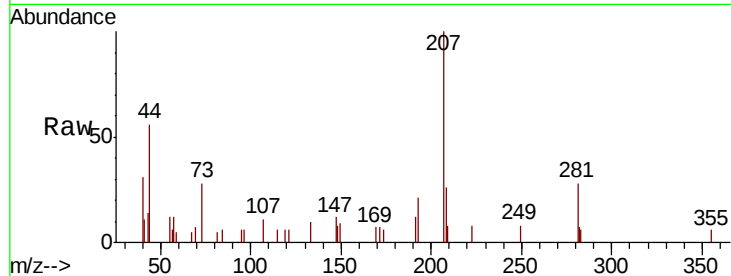




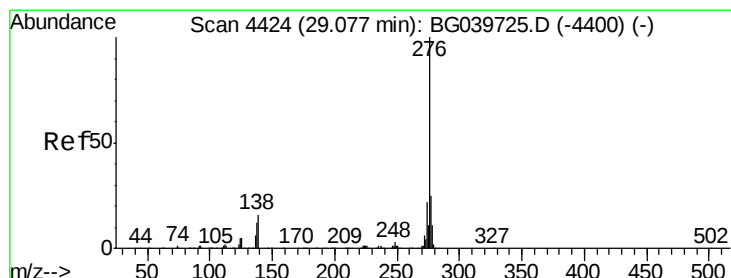
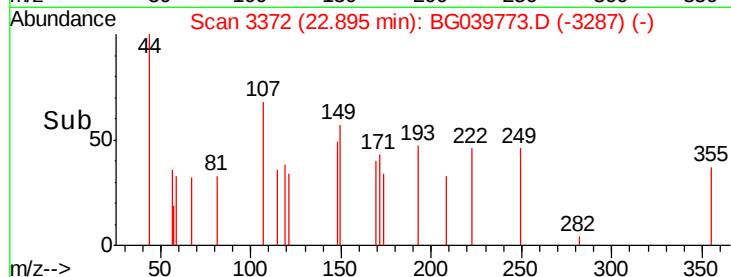
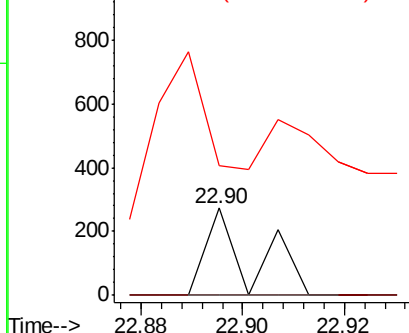
#85
Di-n-octyl phthalate
Concen: 0.009 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:149 Resp: 168
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 254.8 10.2 15.4#

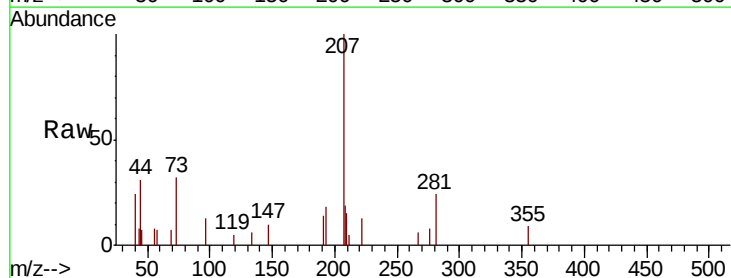


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

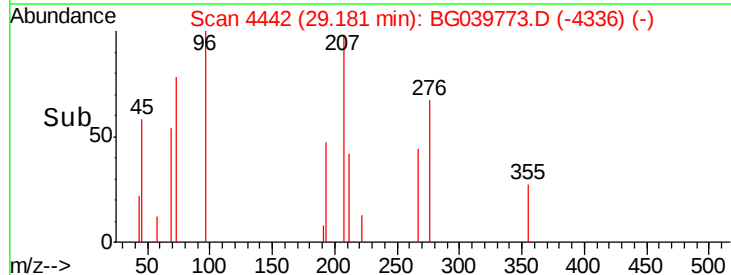
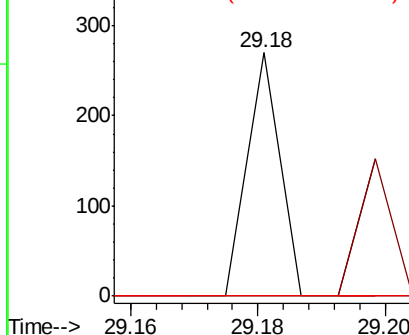


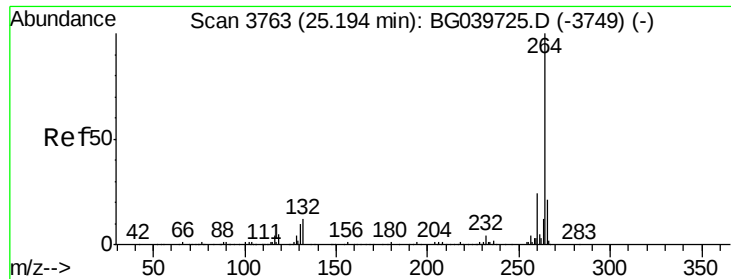
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 29.18 min Scan# 4442
Delta R.T. 0.09 min
Lab File: BG039773.D
Acq: 5 Mar 2019 20:45

Tgt Ion:276 Resp: 95
Ion Ratio Lower Upper
276 100
138 56.8 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# 3763

Delta R.T. -0.01 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

MW-6

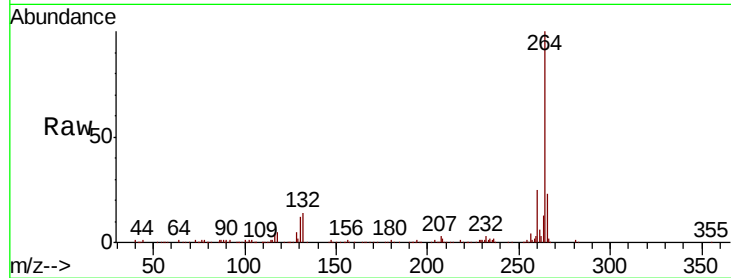
Tgt Ion:264 Resp: 337158

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

265 22.5 18.5 27.7

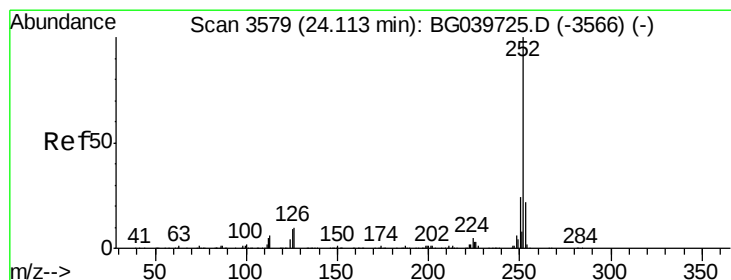
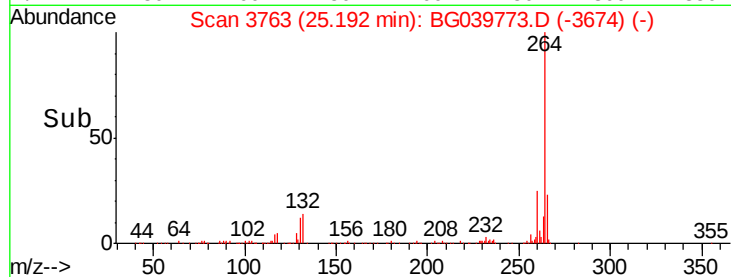
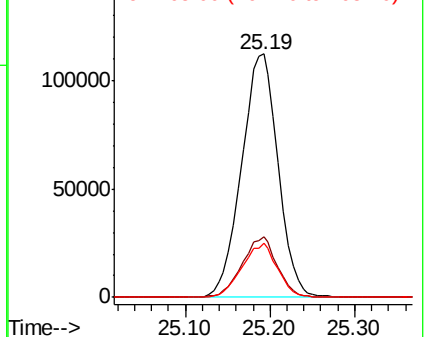


Abundance

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: 0.003 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

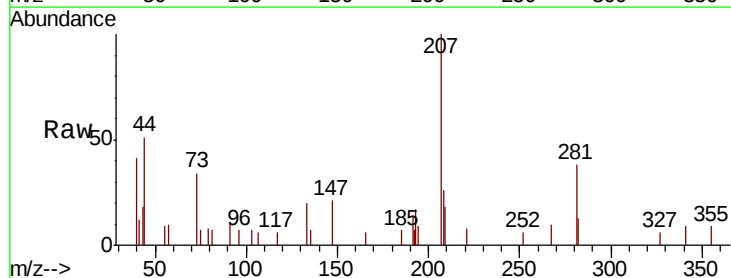
Tgt Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 7.8 11.6#

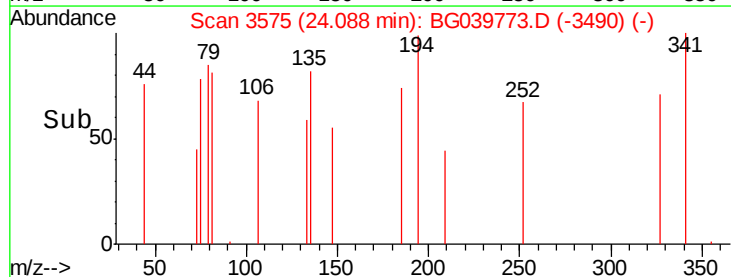
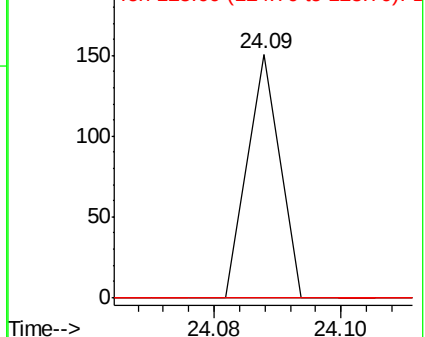


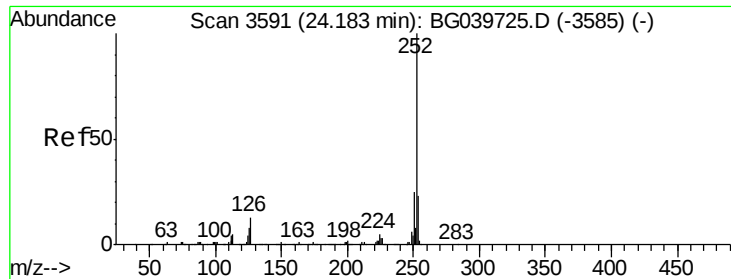
Abundance

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: 0.003 ng

RT: 24.14 min Scan# 3584

Delta R.T. -0.05 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

Instrument :

BNA_G

ClientSampled :

MW-6

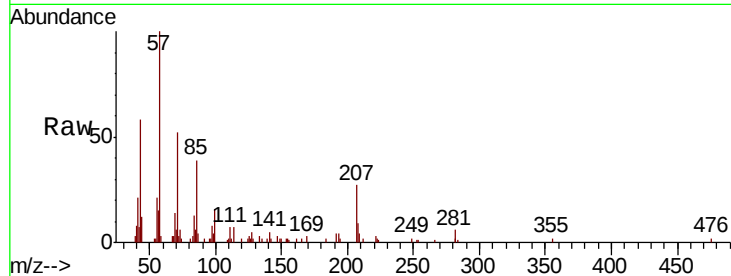
Tgt Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

253 106.0 18.2 27.2#

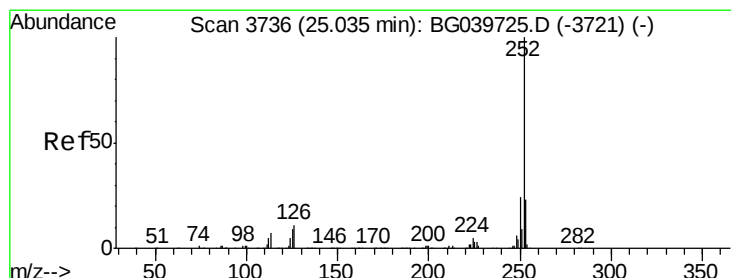
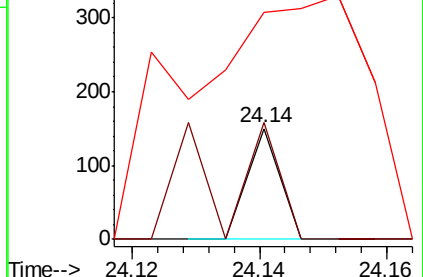
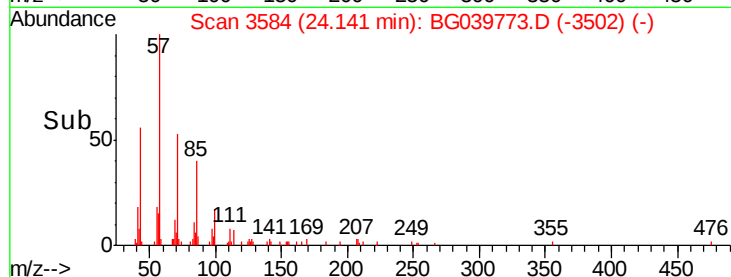
125 204.7 7.4 11.2#



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: 0.079 ng

RT: 25.19 min Scan# 3762

Delta R.T. 0.14 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

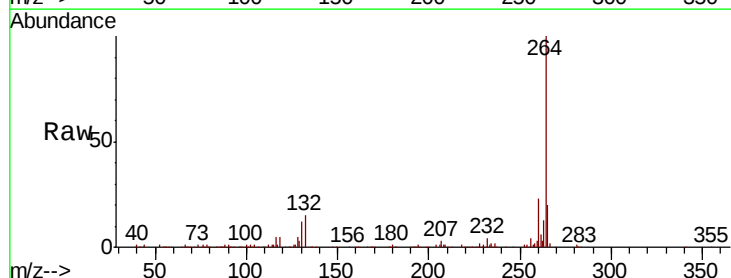
Tgt Ion:252 Resp: 1476

Ion Ratio Lower Upper

252 100

253 34.8 17.9 26.9#

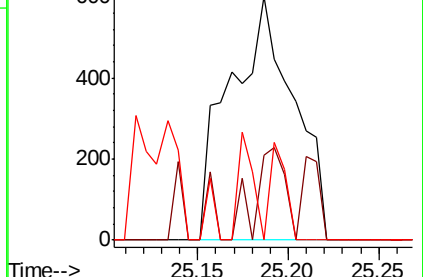
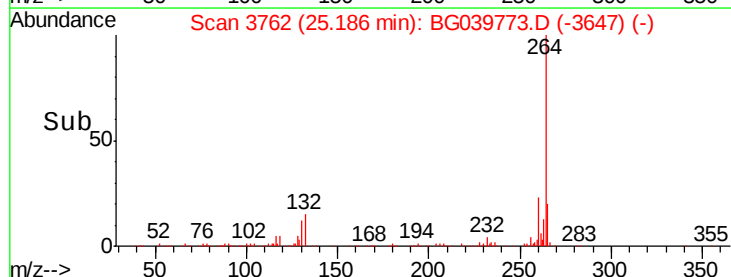
125 0.0 8.3 12.5#

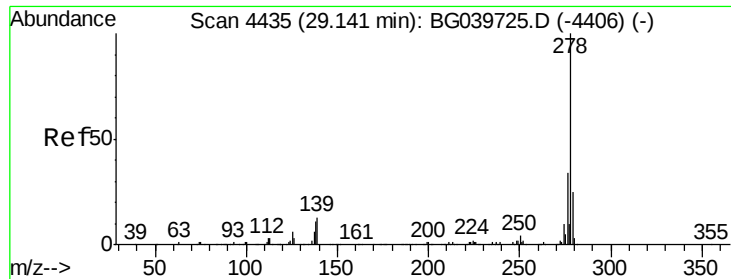


Abundance Ion 252.00 (251.70 to 252.70): E

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: 29.10 min Scan# 4429

Delta R.T. -0.05 min

Lab File: BG039773.D

Acq: 5 Mar 2019 20:45

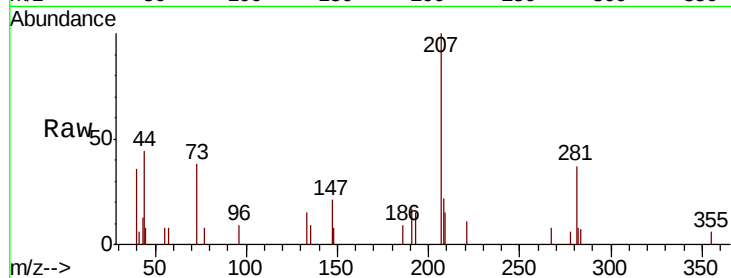
Instrument :

BNA_G

ClientSampleId :

MW-6

Tgt Ion:	278	Resp:	53
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

