

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039772.D
 Acq On : 5 Mar 2019 20:05
 Operator : JU/SJ
 Sample : K1727-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Mar 06 00:44:09 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	8.15	152	39943	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	189205	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	133511	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	323778	20.00	ng	0.00
76) Chrysene-d12	21.81	240	321031	20.00	ng	-0.02
87) Perylene-d12	25.18	264	324749	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	142735	60.96	ng	0.00
7) Phenol-d6	7.30	99	136830	39.19	ng	-0.02
23) Nitrobenzene-d5	9.34	82	301705	86.24	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	207637	133.43	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	737463	78.65	ng	0.00
79) Terphenyl-d14	20.12	244	1192693	81.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	62	0.057	ng	# 1
3) Pyridine	4.24	79	57	0.020	ng	# 1
4) n-Nitrosodimethylamine	3.93	42	73	0.053	ng	# 1
6) Aniline	7.68	93	316	0.069	ng	# 1
9) Benzaldehyde	7.30	77	63	0.028	ng	# 52
10) Phenol	7.33	94	6469	1.711	ng	# 96
11) bis(2-Chloroethyl)ether	7.68	93	316	0.107	ng	# 1
15) Benzyl Alcohol	8.48	79	3746	1.353	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	8.43	45	62	0.011	ng	# 75
19) n-Nitroso-di-n-propylamine	9.33	70	39314	15.646	ng	# 70
22) Acetophenone	8.99	105	59	0.012	ng	# 44
24) Nitrobenzene	9.33	77	954	0.260	ng	# 32
26) 2-Nitrophenol	10.53	139	56	0.032	ng	# 31
33) 4-Chloroaniline	10.78	127	57	0.013	ng	# 43
41) Hexachlorocyclopentadiene	13.01	237	55	0.023	ng	# 27
46) 1,1'-Biphenyl	13.62	154	971	0.088	ng	# 83
48) 2-Nitroaniline	14.22	65	56	0.021	ng	# 1
50) Dimethylphthalate	14.22	163	12462	1.116	ng	# 99
51) 2,6-Dinitrotoluene	14.78	165	16945	7.160	ng	# 23
52) Acenaphthene	14.85	154	55	0.007	ng	# 5
56) 4-Nitrophenol	14.69	139	69	0.032	ng	# 1
57) 2,4-Dinitrotoluene	14.78	165	16945	5.095	ng	# 18
58) Fluorene	16.26	166	9060	0.861	ng	# 95
60) Diethylphthalate	15.58	149	625	0.057	ng	# 58
63) Azobenzene	16.27	77	1433	0.143	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.26	198	818	0.427	ng	# 7
66) n-Nitrosodiphenylamine	16.27	169	9125	0.973	ng	# 43
67) 4-Bromophenyl-phenylether	16.27	248	16562	4.570	ng	# 1
69) Atrazine	17.39	200	56	0.015	ng	# 35
71) Phenanthrene	17.58	178	260	0.015	ng	# 59
72) Anthracene	17.58	178	260	0.015	ng	# 60
73) Carbazole	18.10	167	74	0.005	ng	# 57
74) Di-n-butylphthalate	18.46	149	1874	0.102	ng	# 86
75) Fluoranthene	19.37	202	53	0.003	ng	# 63

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

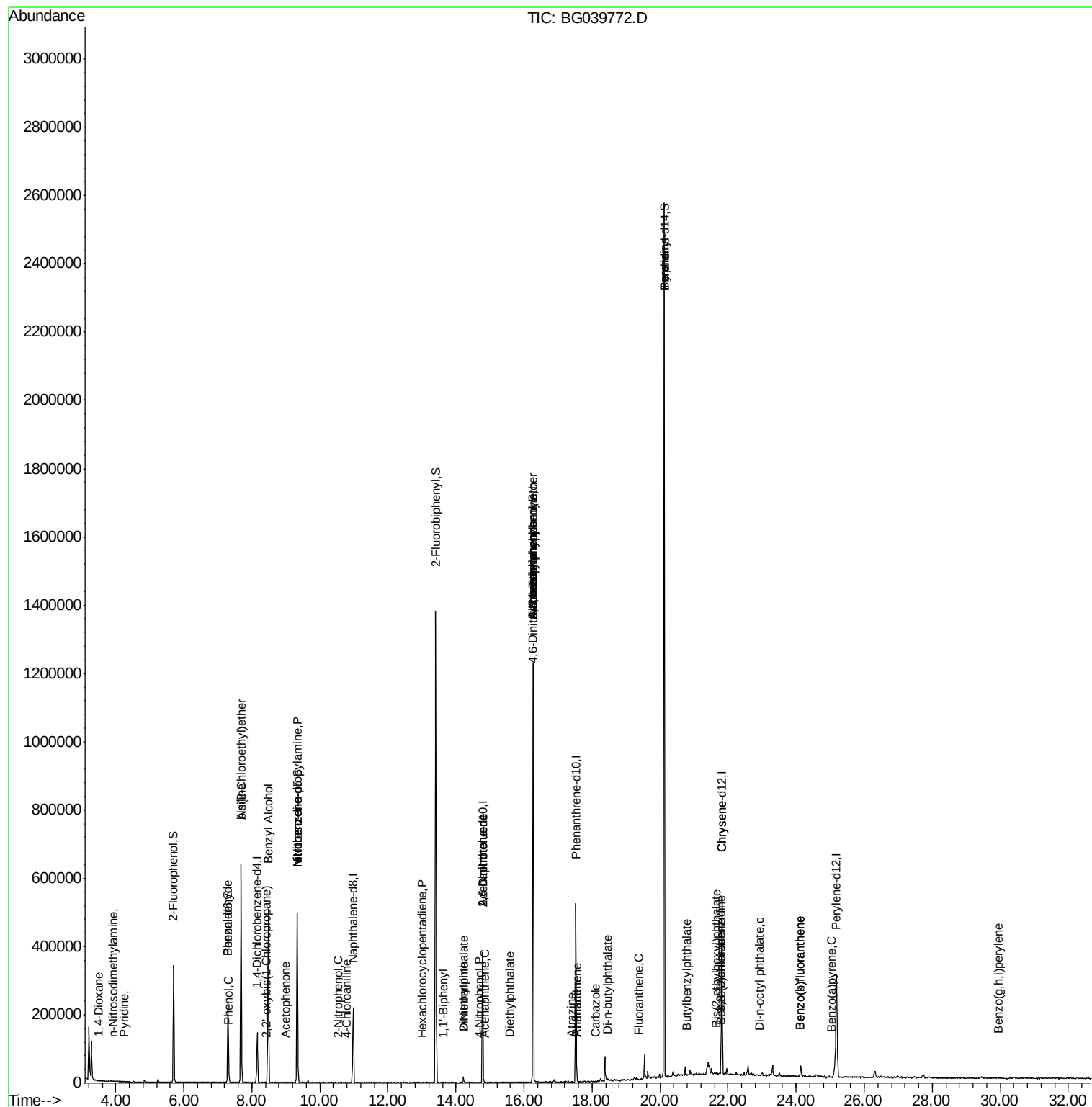
77) Benzidine	20.12	184	22072	2.167	ng	# 96
78) Pyrene	20.12	202	5038	0.242	ng	# 73
80) Butylbenzylphthalate	20.80	149	652	0.081	ng	# 82
81) Benzo(a)anthracene	21.78	228	60	0.003	ng	# 50
82) 3,3'-Dichlorobenzidine	21.78	252	59	0.008	ng	# 26
83) Chrysene	21.82	228	1085	0.056	ng	# 52
84) Bis(2-ethylhexyl)phthalate	21.66	149	2846	0.251	ng	# 70
85) Di-n-octyl phthalate	22.92	149	457	0.024	ng	# 1
88) Benzo(b)fluoranthene	24.11	252	176	0.009	ng	# 60
89) Benzo(k)fluoranthene	24.11	252	176	0.010	ng	# 59
90) Benzo(a)pyrene	25.04	252	75	0.004	ng	# 13
92) Benzo(g,h,i)perylene	29.93	276	54	0.003	ng	# 54

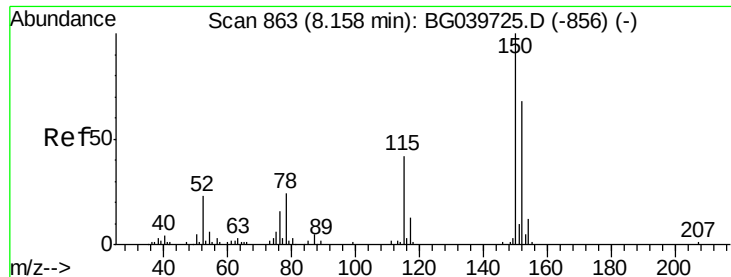
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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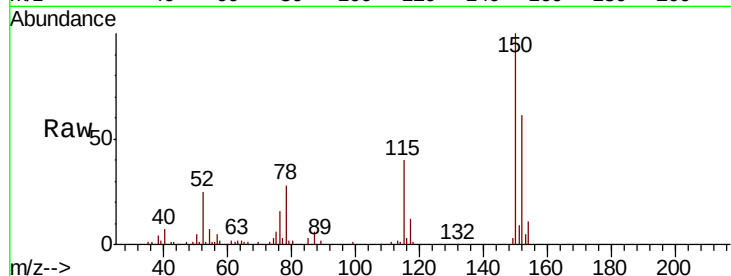


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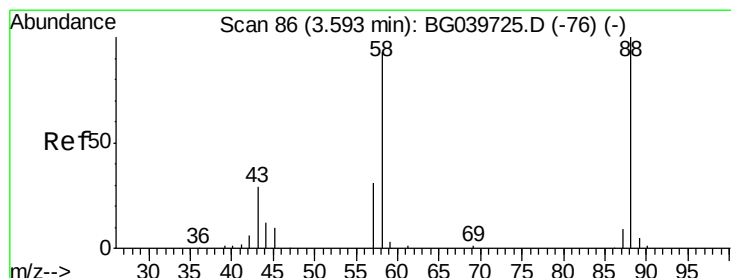
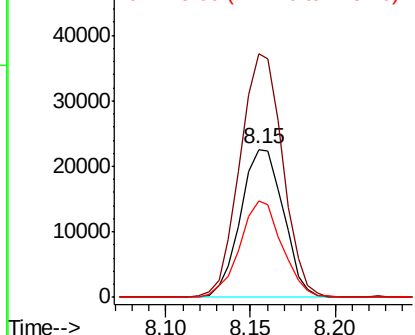
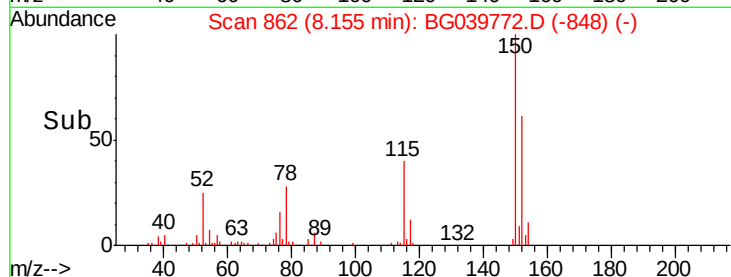
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:152 Resp: 39943
Ion Ratio Lower Upper
152 100
150 164.6 123.7 185.5
115 65.1 45.9 68.9



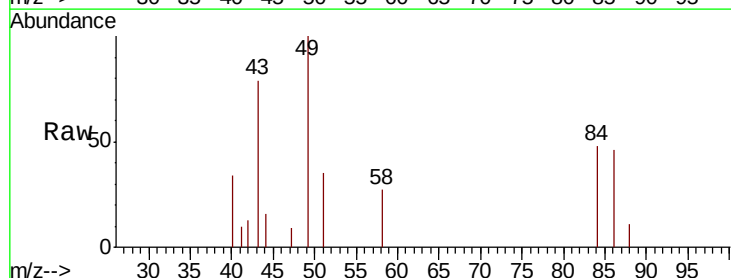
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



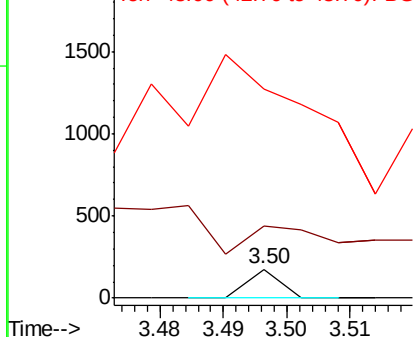
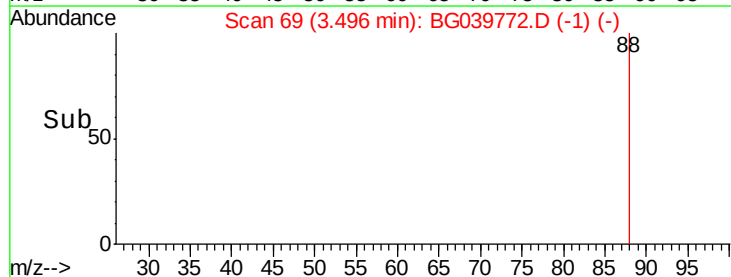
#2

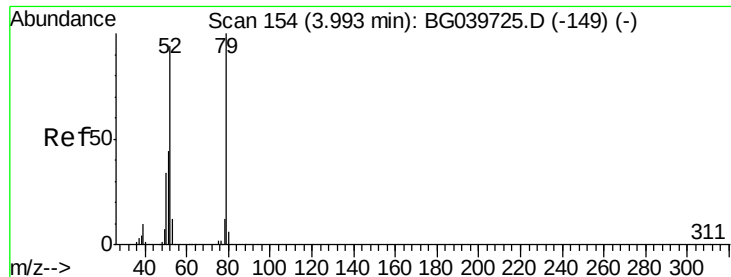
1,4-Dioxane
Concen: 0.057 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.11 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
58 483.9 81.1 121.7#
43 2022.6 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: 0.020 ng

RT: 4.24 min Scan# 196

Delta R.T. 0.24 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

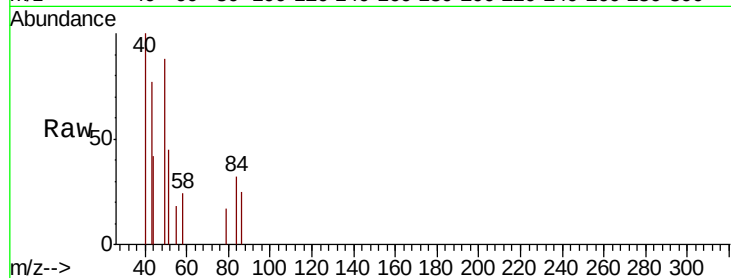
Tgt Ion: 79 Resp: 57

Ion Ratio Lower Upper

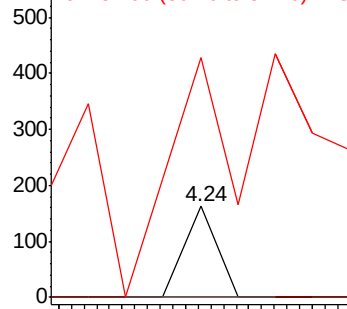
79 100

52 0.0 82.6 124.0#

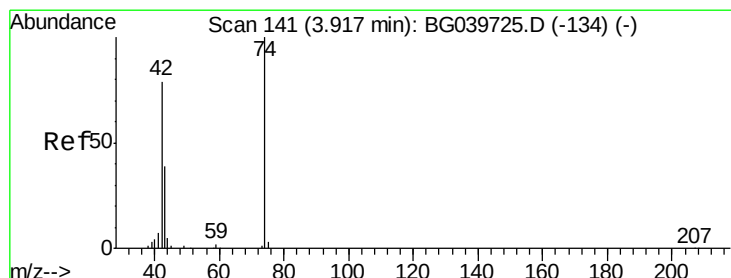
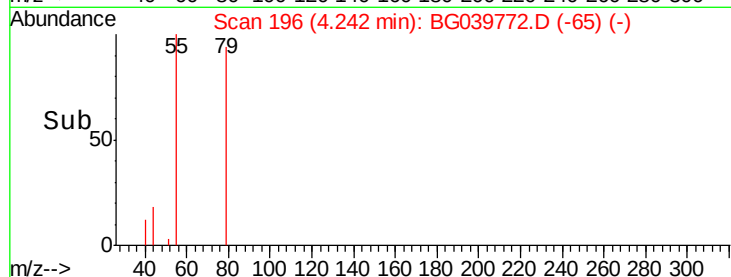
51 263.2 37.5 56.3#



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--> 4.22 4.23 4.24 4.25 4.26



#4

n-Nitrosodimethylamine

Concen: 0.053 ng

RT: 3.93 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

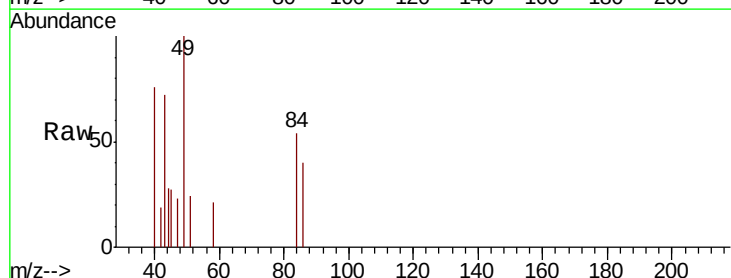
Tgt Ion: 42 Resp: 73

Ion Ratio Lower Upper

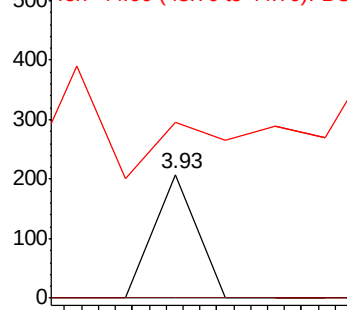
42 100

74 0.0 83.6 125.4#

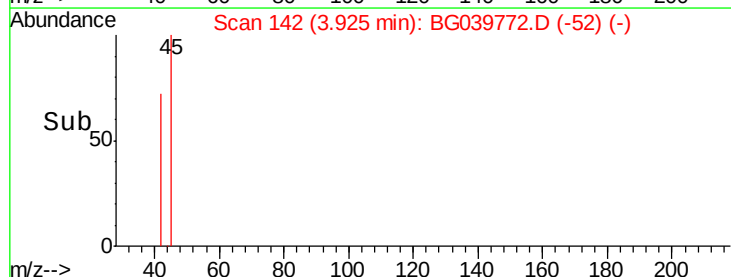
44 142.3 6.9 10.3#

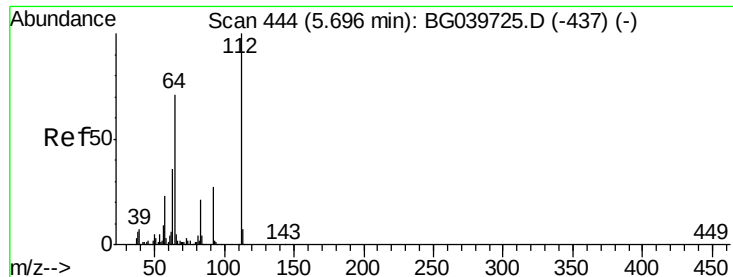


Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time--> 3.92 3.93 3.94





#5

2-Fluorophenol

Concen: 60.964 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

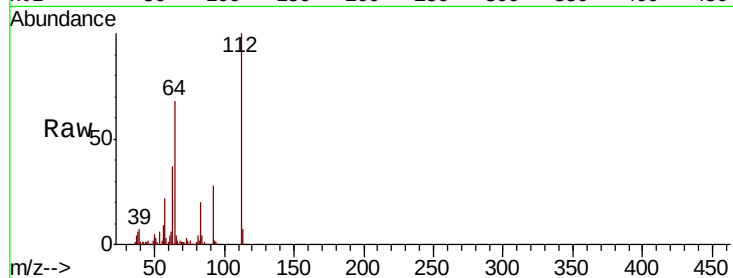
Tgt Ion:112 Resp: 142735

Ion Ratio Lower Upper

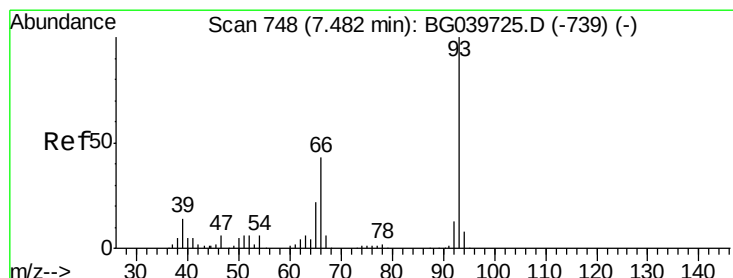
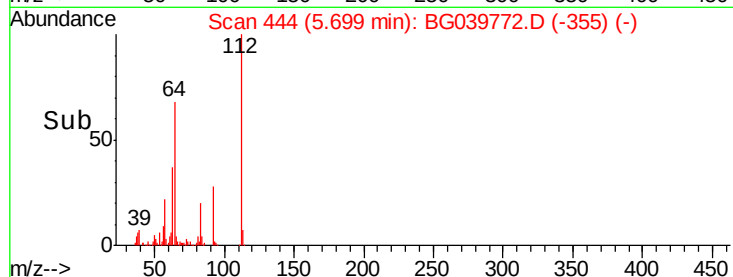
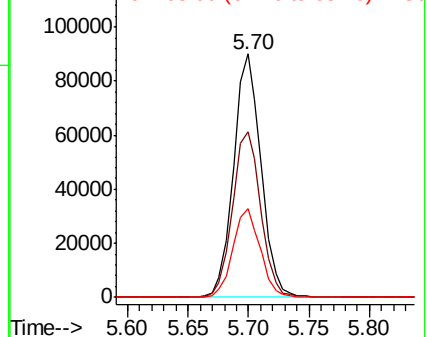
112 100

64 68.1 57.8 86.8

63 36.7 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: 0.069 ng

RT: 7.68 min Scan# 781

Delta R.T. 0.18 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

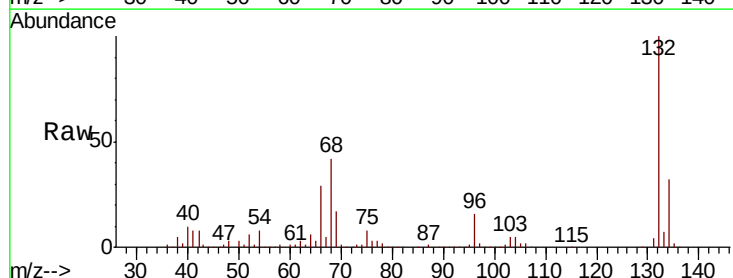
Tgt Ion: 93 Resp: 316

Ion Ratio Lower Upper

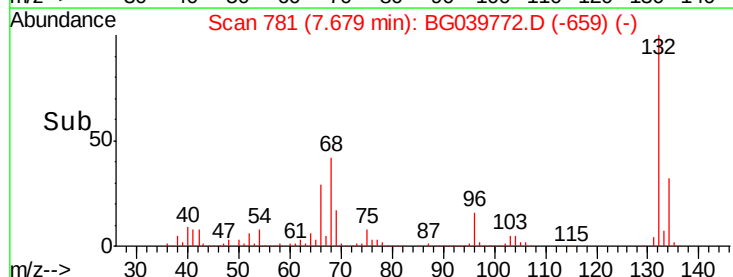
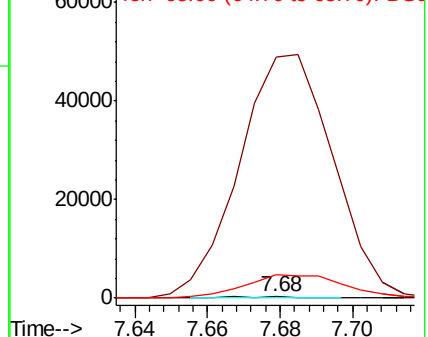
93 100

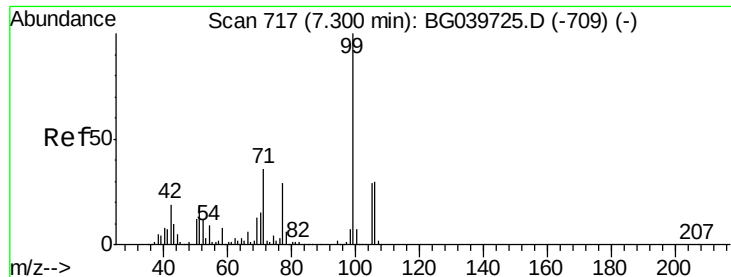
66 16447.1 34.2 51.4#

65 1613.1 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: 39.195 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

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ClientSampleId :

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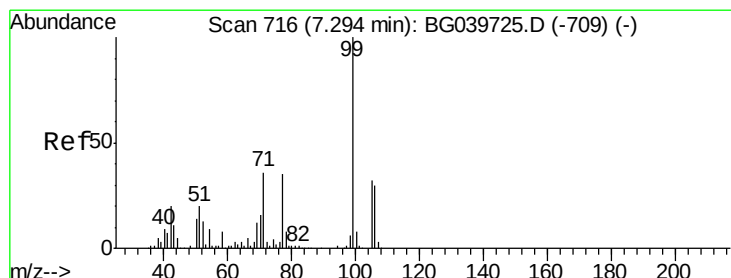
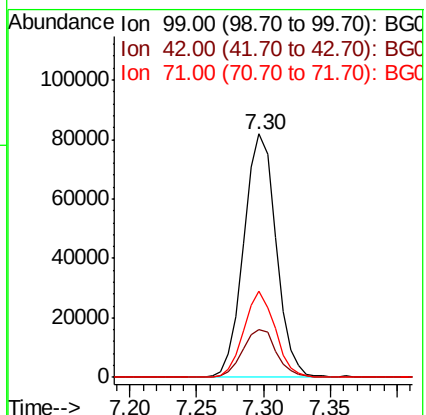
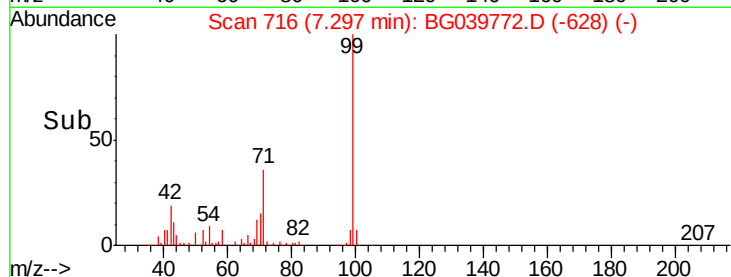
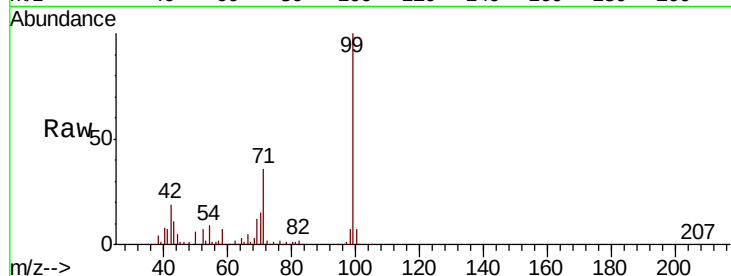
Tgt Ion: 99 Resp: 136830

Ion Ratio Lower Upper

99 100

42 19.5 18.2 27.2

71 35.6 28.0 42.0



#9

Benzaldehyde

Concen: 0.028 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

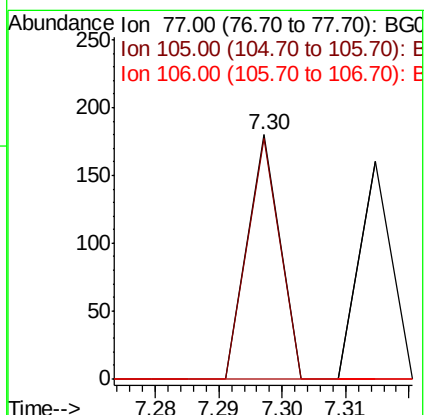
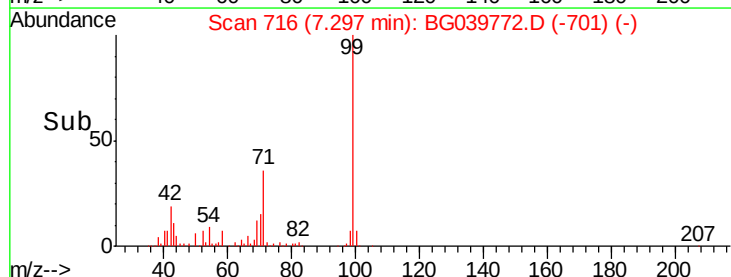
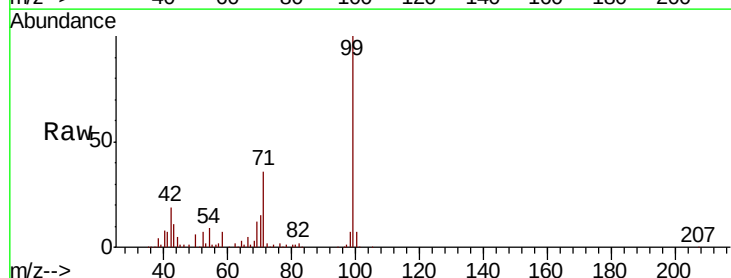
Tgt Ion: 77 Resp: 63

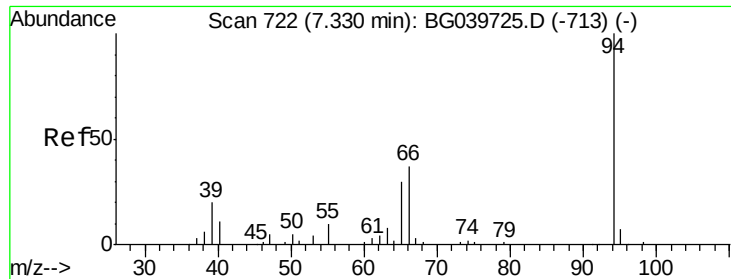
Ion Ratio Lower Upper

77 100

105 98.3 74.5 114.5

106 0.0 68.0 108.0#





#10

Phenol

Concen: 1.711 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampled :

MW-7

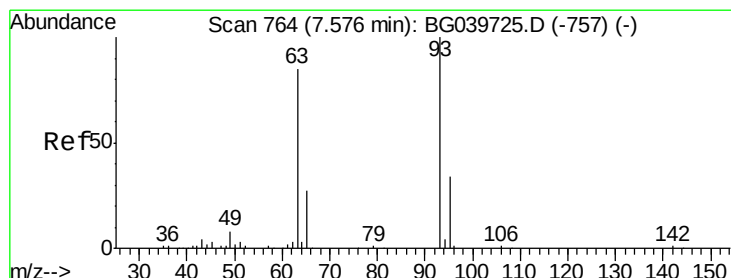
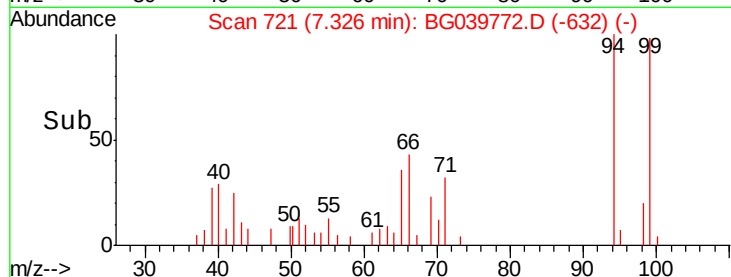
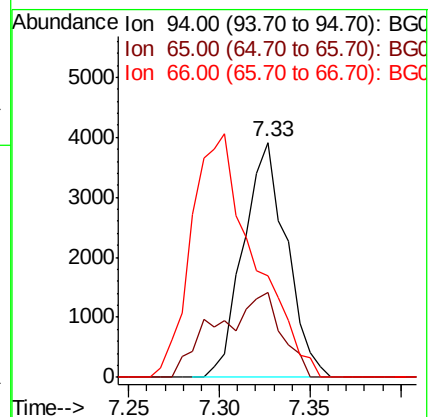
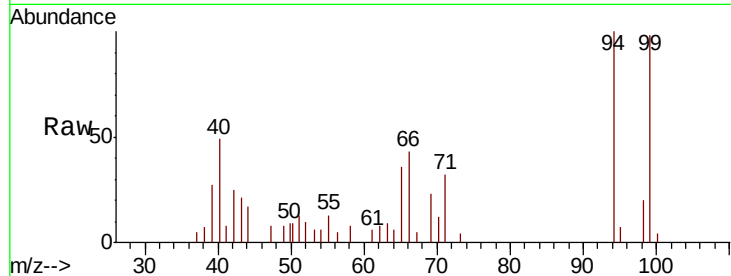
Tgt Ion: 94 Resp: 6469

Ion Ratio Lower Upper

94 100

65 36.2 11.7 51.7

66 43.2 23.7 63.7



#11

bis(2-Chloroethyl)ether

Concen: 0.107 ng

RT: 7.68 min Scan# 781

Delta R.T. 0.10 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

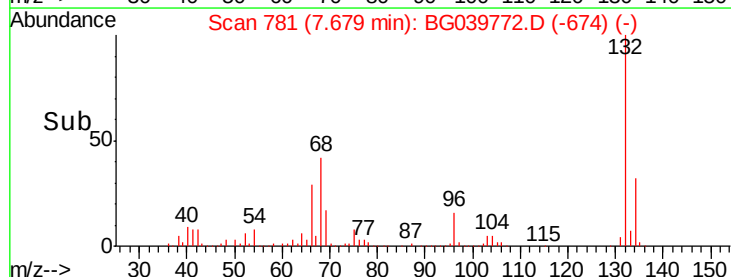
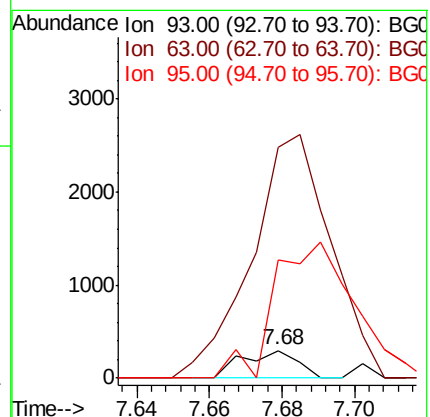
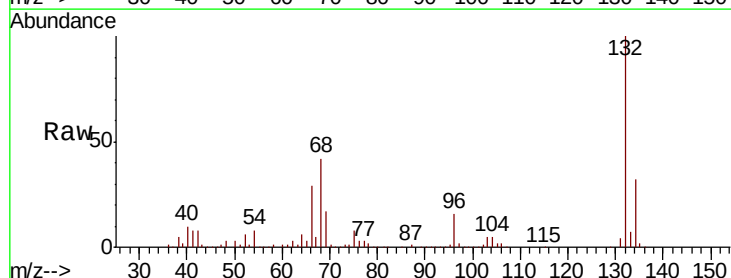
Tgt Ion: 93 Resp: 316

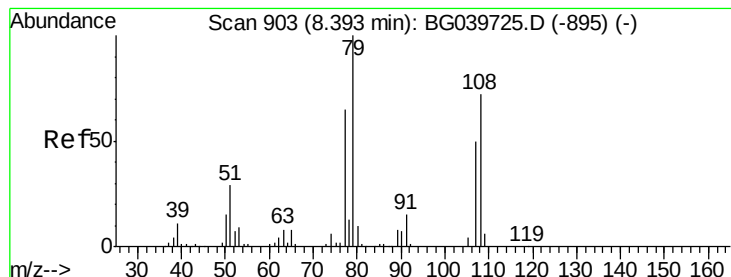
Ion Ratio Lower Upper

93 100

63 834.7 69.5 109.5#

95 427.3 12.7 52.7#





#15

Benzyl Alcohol

Concen: 1.353 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.07 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

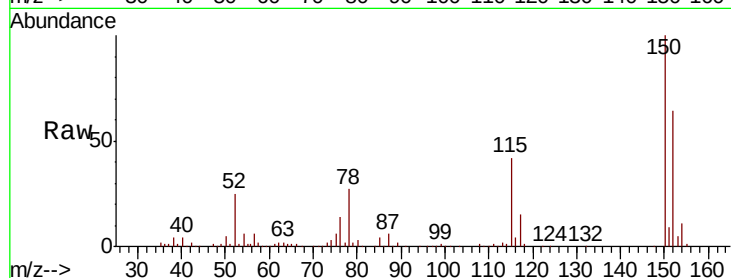
Tgt Ion: 79 Resp: 3746

Ion Ratio Lower Upper

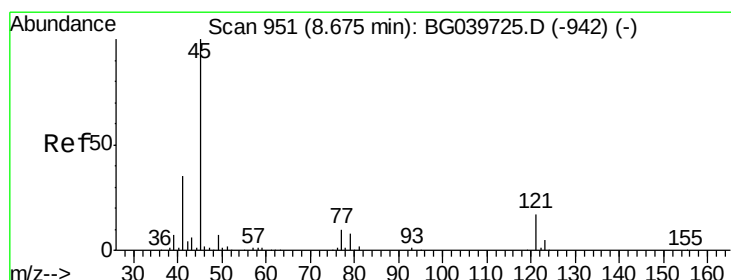
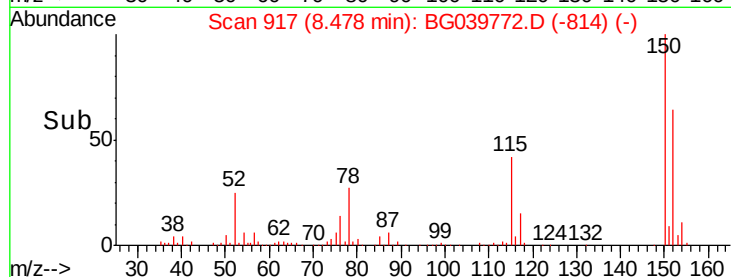
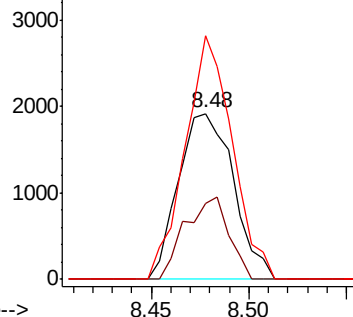
79 100

108 46.0 57.8 86.6#

77 147.1 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: 0.011 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

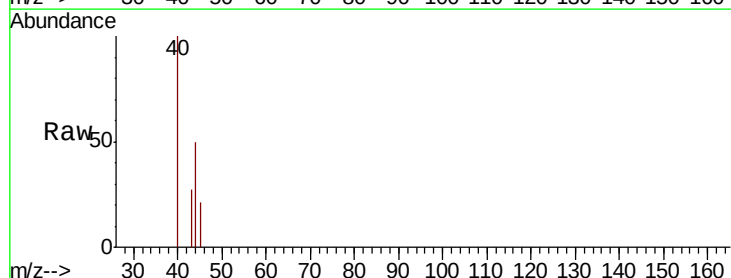
Tgt Ion: 45 Resp: 62

Ion Ratio Lower Upper

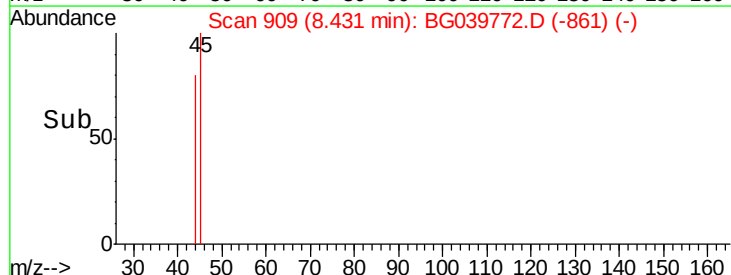
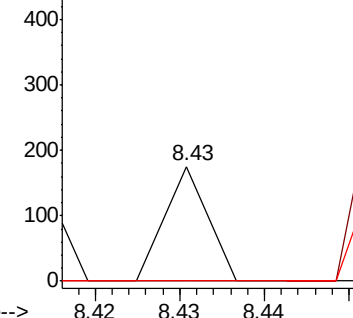
45 100

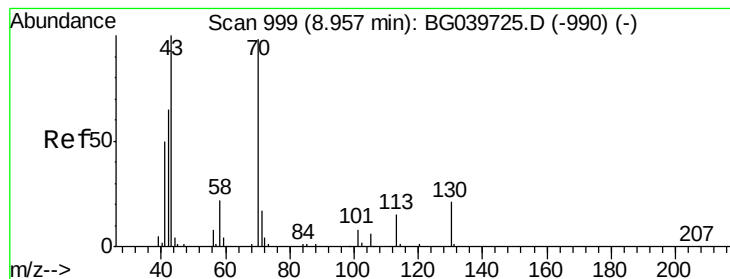
77 0.0 0.0 30.0

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: 15.646 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

Tgt Ion: 70 Resp: 39314

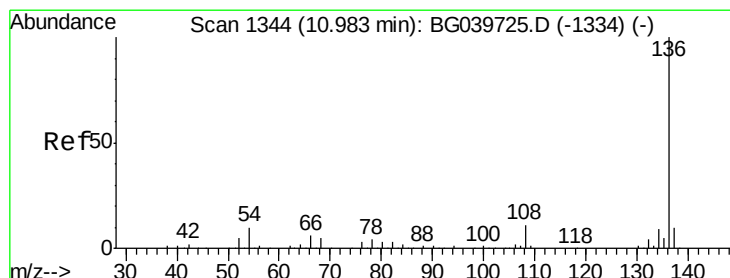
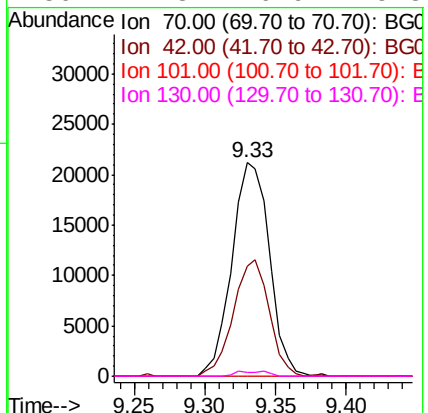
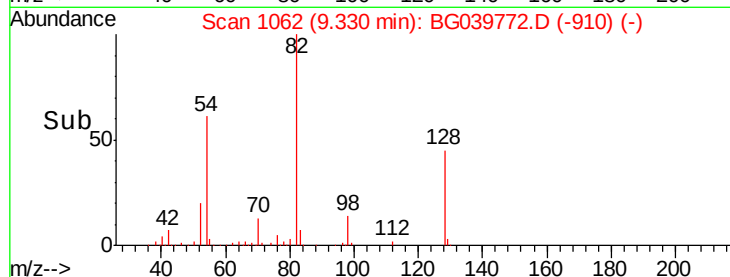
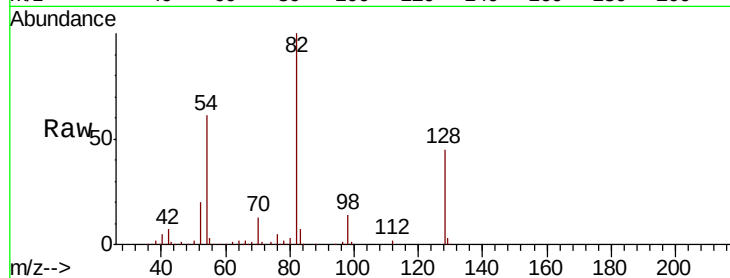
Ion Ratio Lower Upper

70 100

42 51.6 60.4 90.6#

101 0.0 7.5 11.3#

130 1.8 16.9 25.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Tgt Ion: 136 Resp: 189205

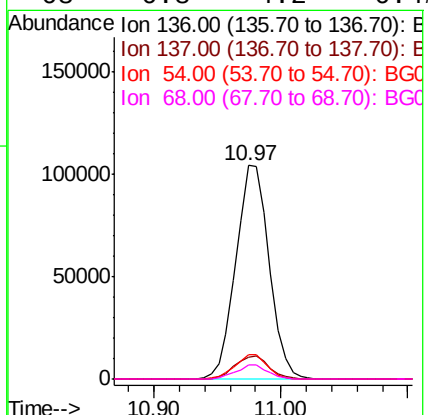
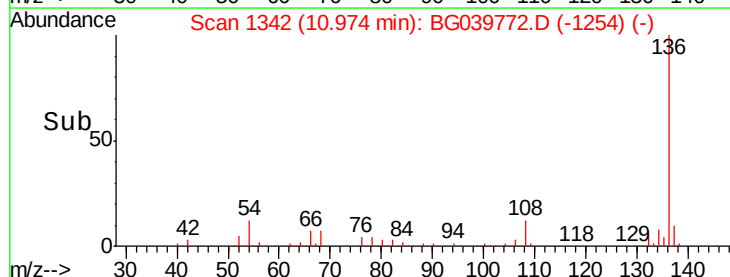
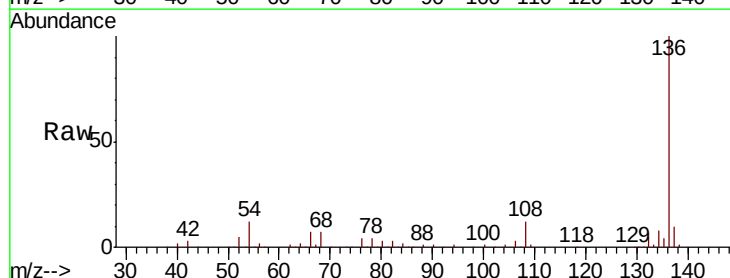
Ion Ratio Lower Upper

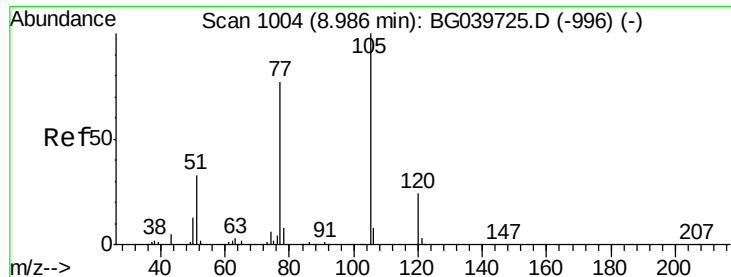
136 100

137 9.9 9.1 13.7

54 11.5 9.4 14.2

68 6.8 4.2 6.4#





#22

Acetophenone

Concen: 0.012 ng

RT: 8.99 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

Tgt Ion: 105 Resp: 59

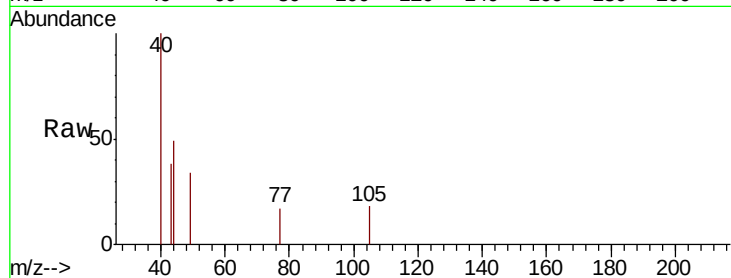
Ion Ratio Lower Upper

105 100

71 0.0 0.8 1.2#

51 0.0 30.2 45.2#

120 0.0 18.0 27.0#

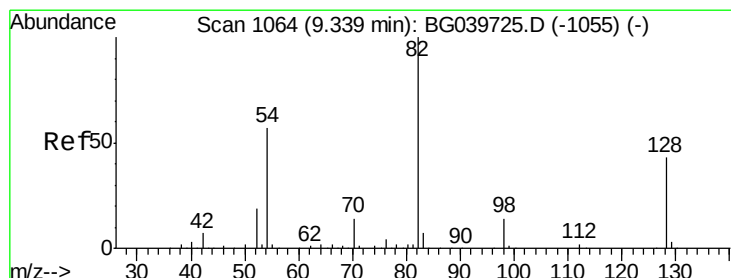
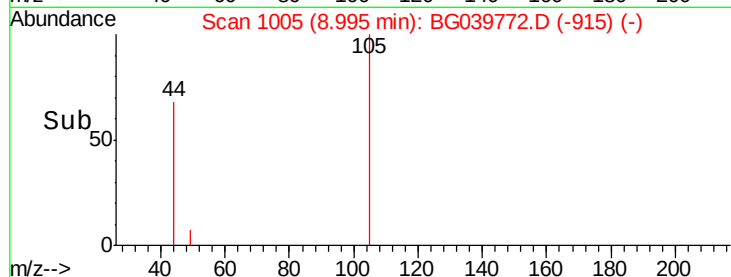
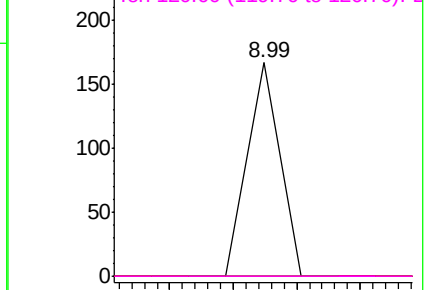


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.242 ng

RT: 9.34 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

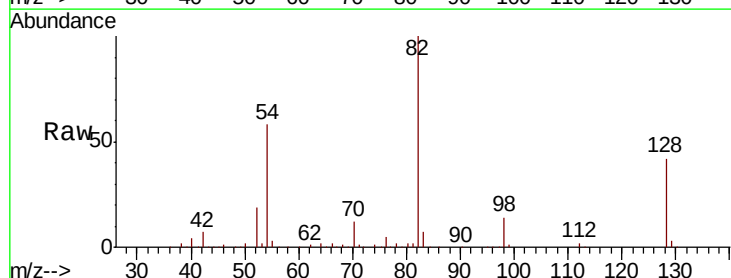
Tgt Ion: 82 Resp: 301705

Ion Ratio Lower Upper

82 100

128 42.1 31.3 46.9

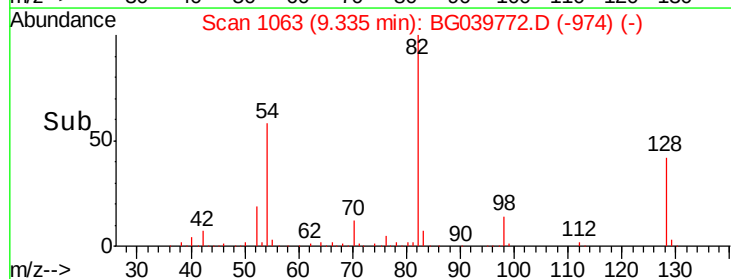
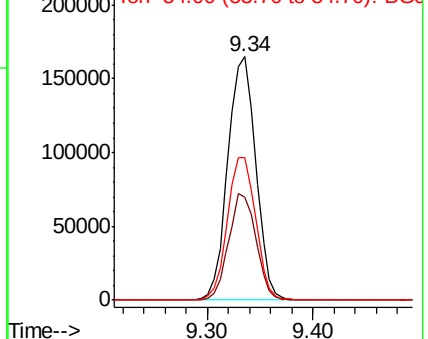
54 58.5 50.9 76.3

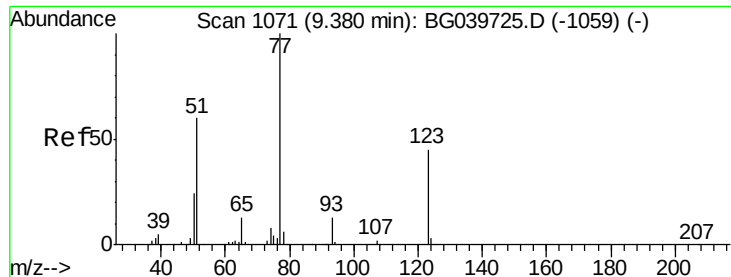


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

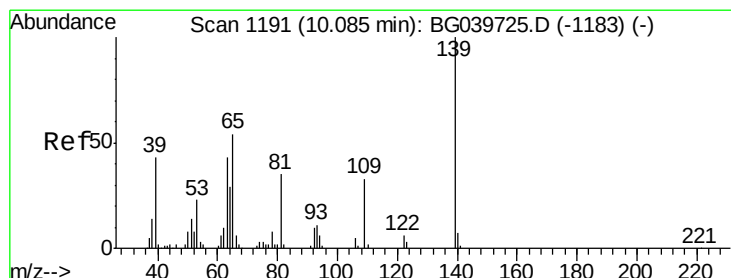
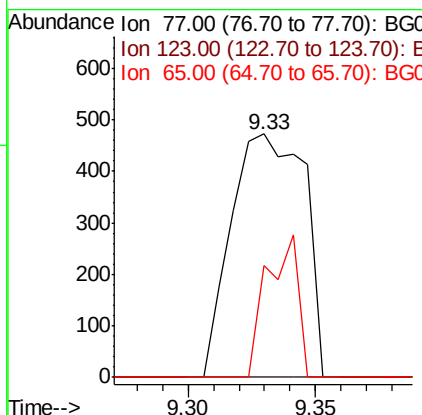
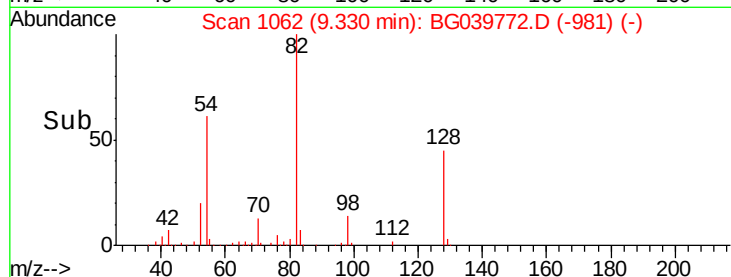
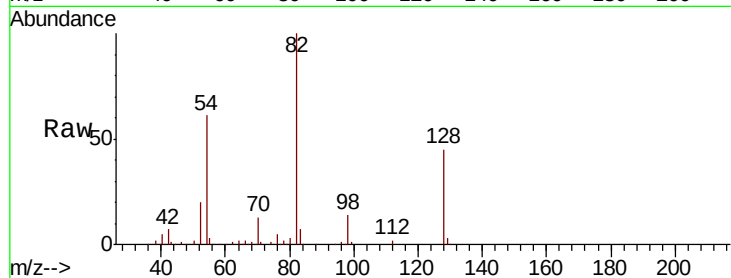




#24
Nitrobenzene
Concen: 0.260 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

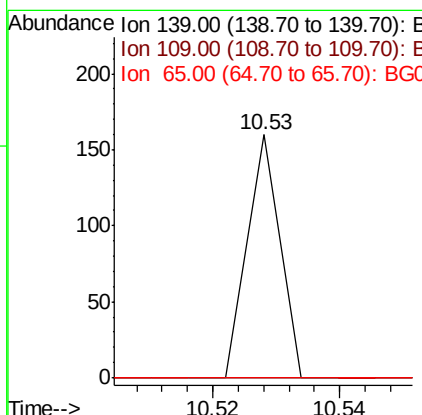
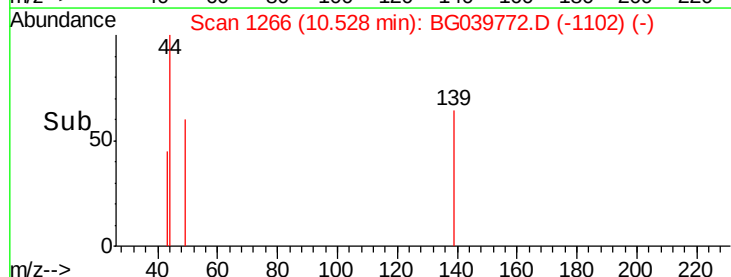
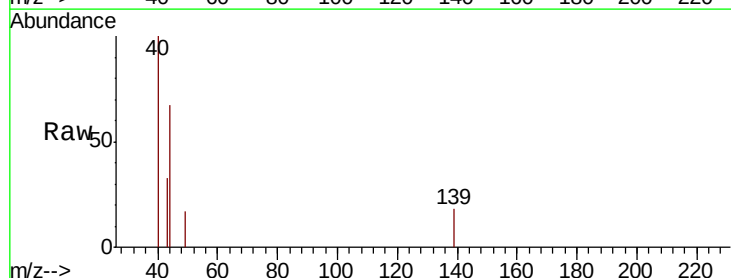
Instrument :
BNA_G
ClientSampleId :
MW-7

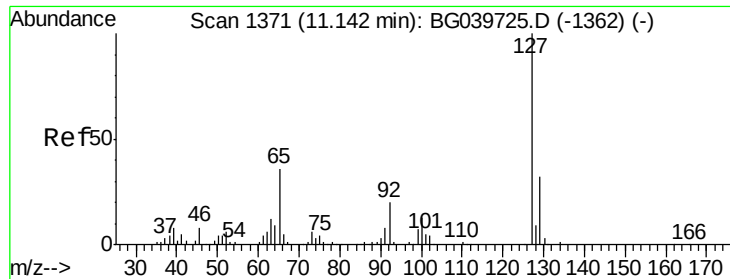
Tgt Ion: 77 Resp: 954
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 45.7 12.3 18.5#



#26
2-Nitrophenol
Concen: 0.032 ng
RT: 10.53 min Scan# 1266
Delta R.T. 0.43 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion: 139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 23.4 35.0#
65 0.0 44.3 66.5#

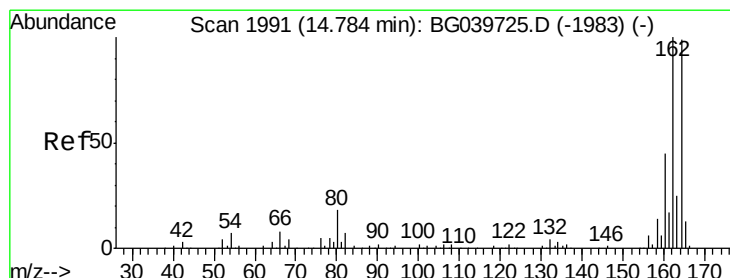
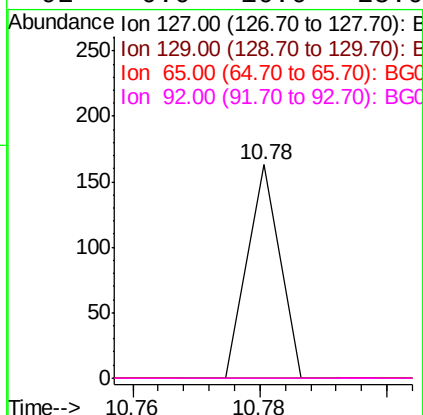
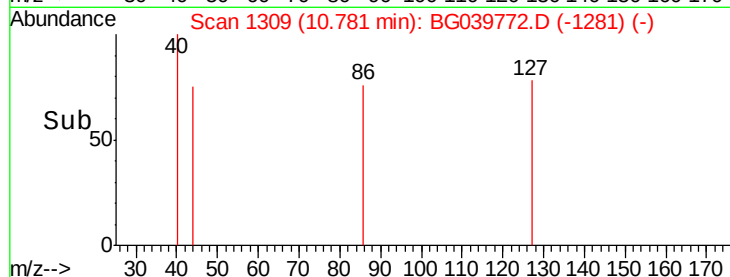
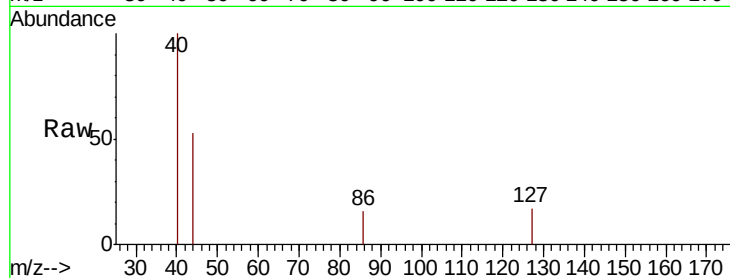




#33
4-Chloroaniline
Concen: 0.013 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.37 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

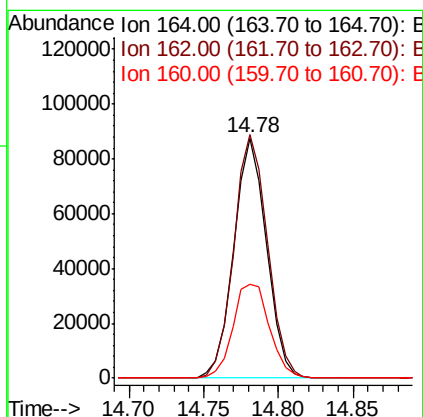
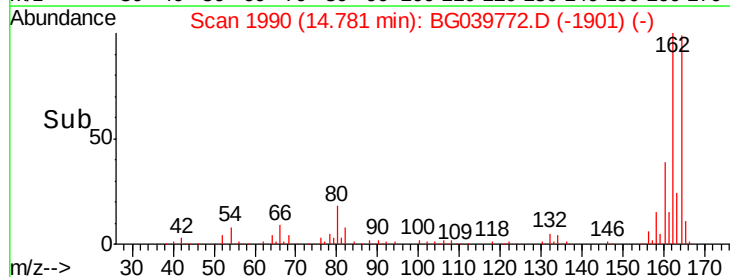
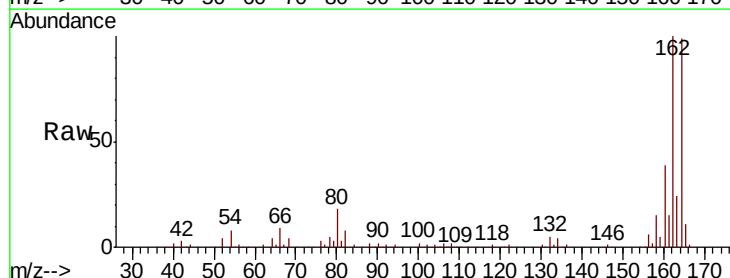
Instrument :
BNA_G
ClientSampleId :
MW-7

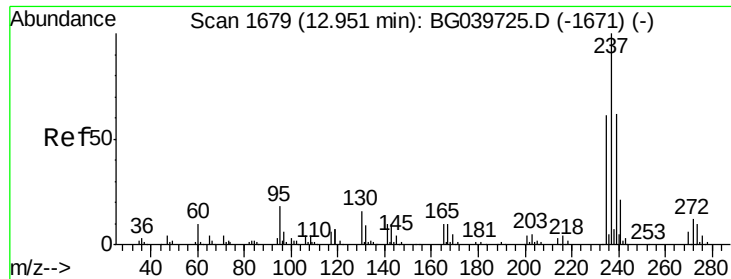
Tgt Ion:	127	Resp:	57
Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.0	40.4#
65	0.0	28.8	43.2#
92	0.0	16.6	25.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:	164	Resp:	133511
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	39.2	34.2	51.2

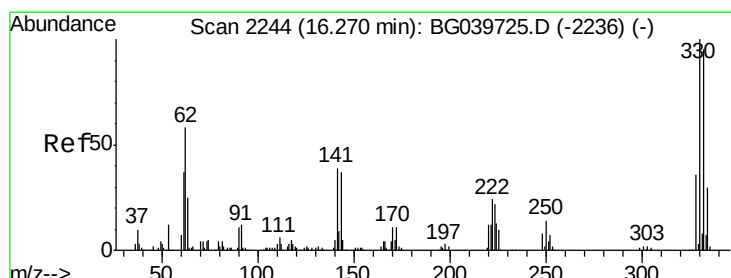
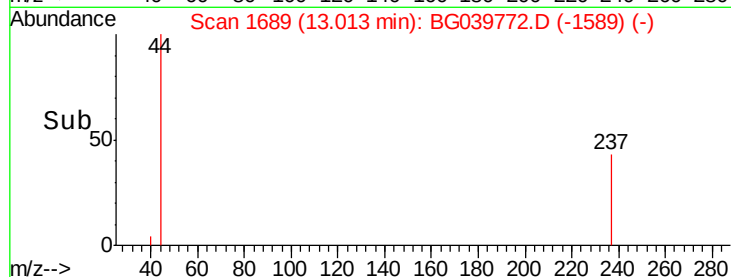
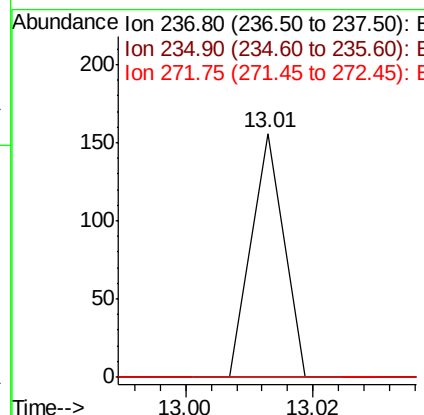
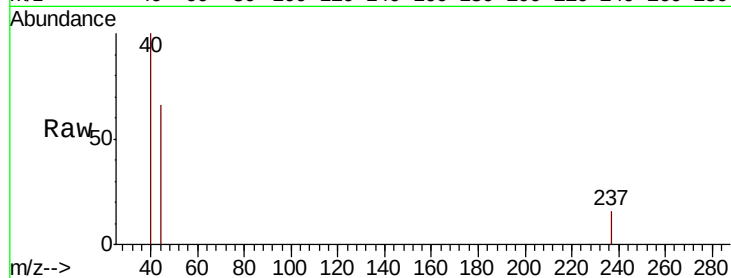




#41
Hexachlorocyclopentadiene
Concen: 0.023 ng
RT: 13.01 min Scan# 1689
Delta R.T. 0.05 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

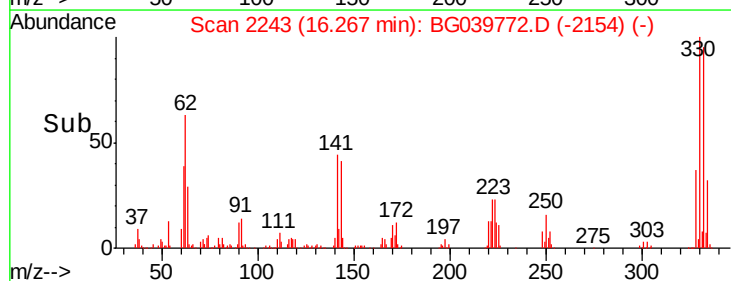
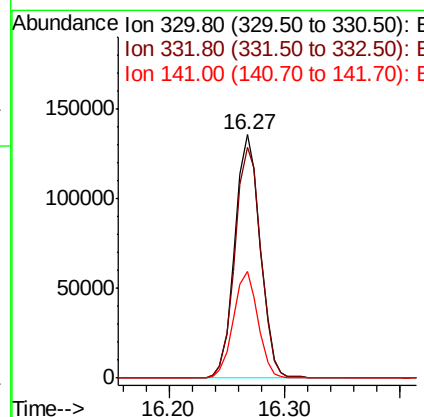
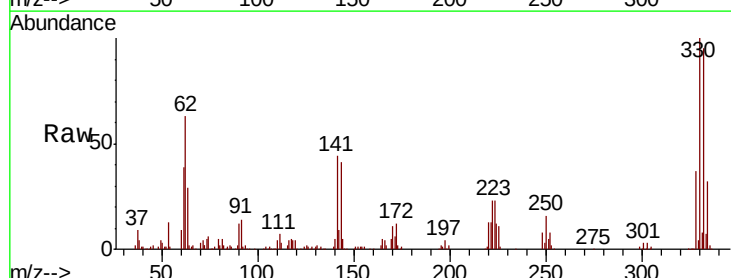
Instrument :
BNA_G
ClientSampleId :
MW-7

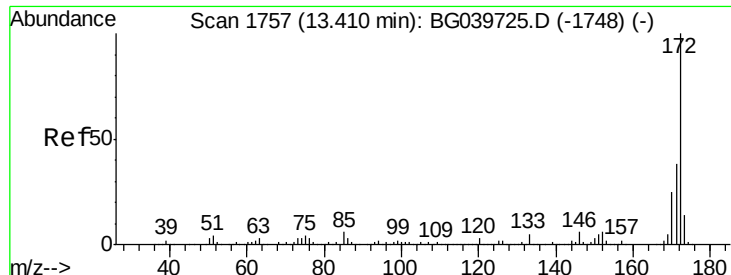
Tgt Ion: 237 Resp: 55
Ion Ratio Lower Upper
237 100
235 0.0 43.3 83.3#
272 0.0 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 133.428 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion: 330 Resp: 207637
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 42.3 35.6 53.4

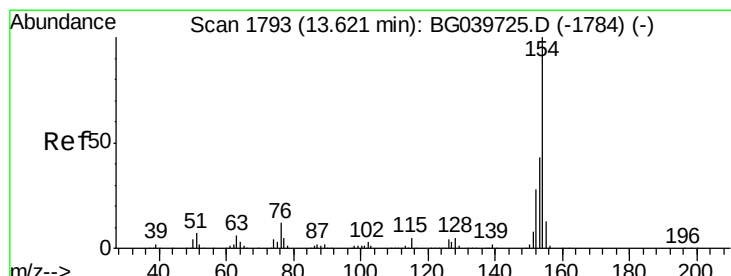
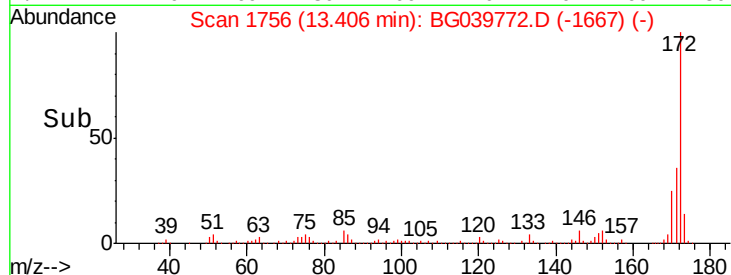
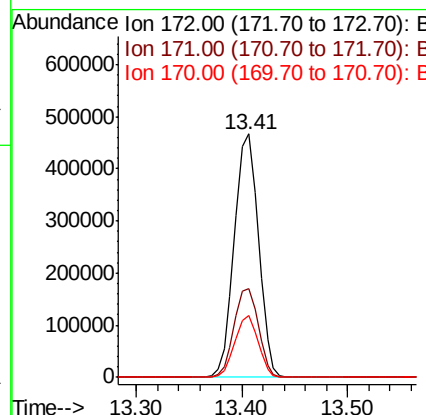
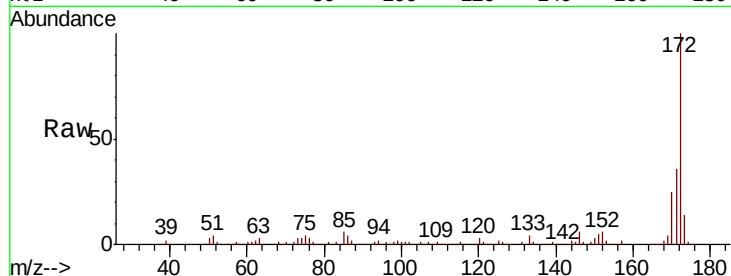




#45
2-Fluorobiphenyl
Concen: 78.647 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

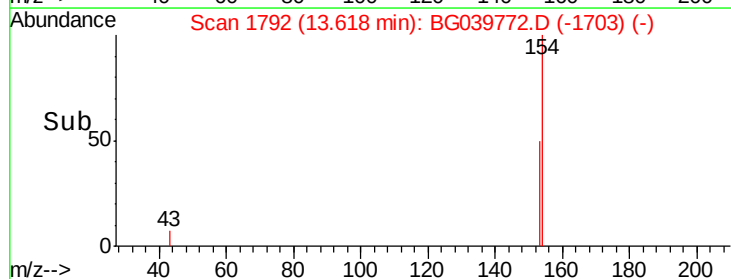
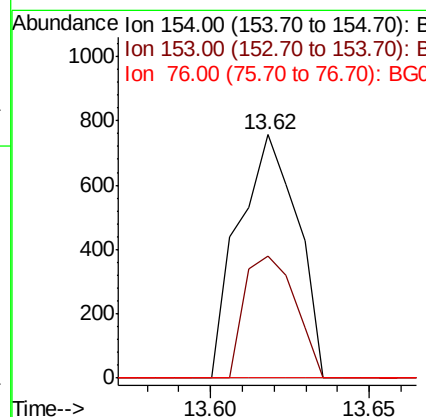
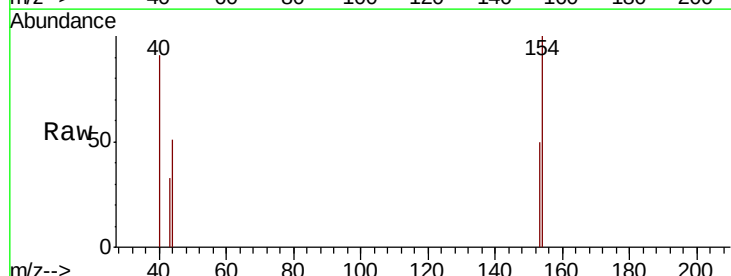
Instrument :
BNA_G
ClientSampleId :
MW-7

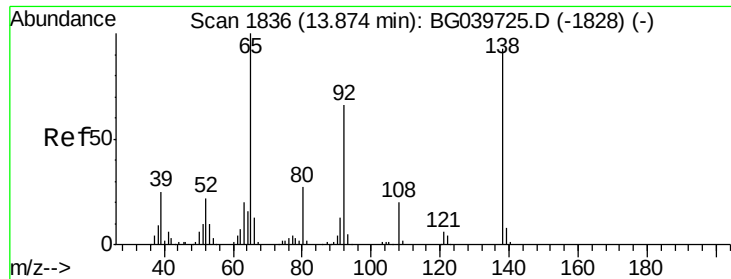
Tgt Ion:172 Resp: 737463
Ion Ratio Lower Upper
172 100
171 36.2 30.8 46.2
170 25.1 20.2 30.4



#46
1,1'-Biphenyl
Concen: 0.088 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:154 Resp: 971
Ion Ratio Lower Upper
154 100
153 49.9 22.1 62.1
76 0.0 0.0 32.4

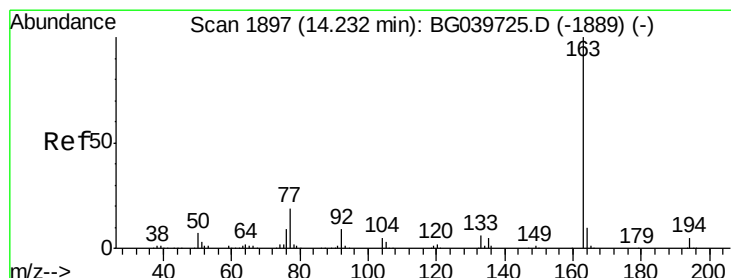
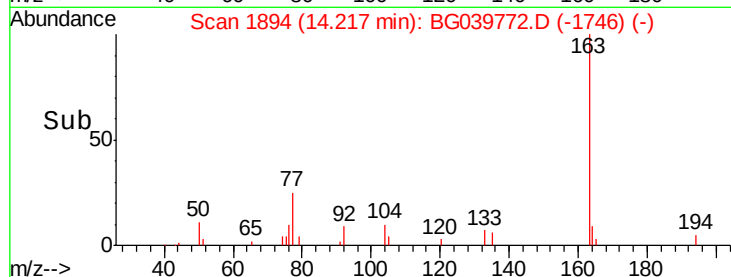
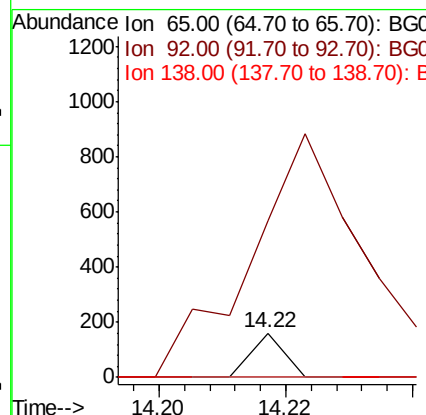
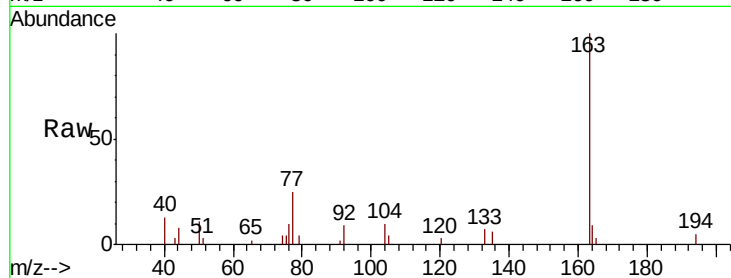




#48
2-Nitroaniline
Concen: 0.021 ng
RT: 14.22 min Scan# 1894
Delta R.T. 0.34 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

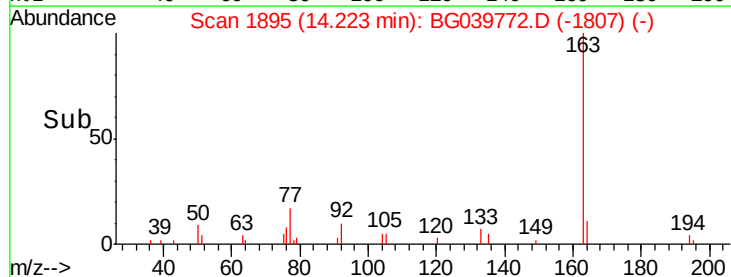
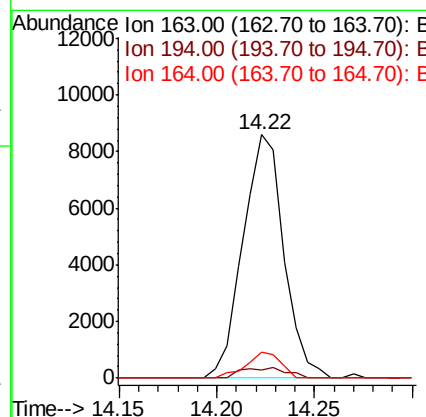
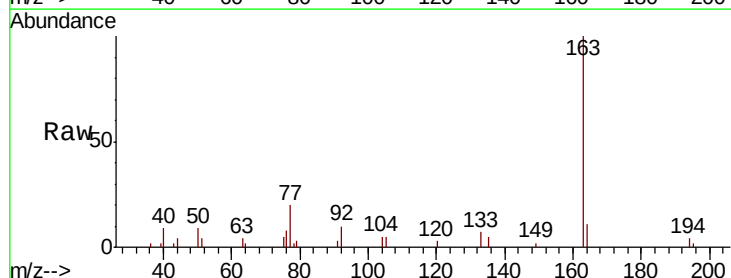
Instrument :
BNA_G
ClientSampleId :
MW-7

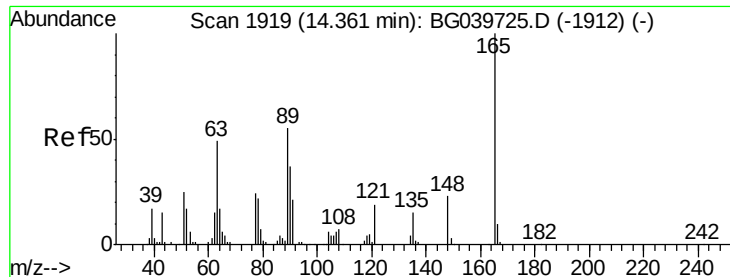
Tgt Ion: 65 Resp: 56
Ion Ratio Lower Upper
65 100
92 354.4 51.4 77.2#
138 0.0 71.4 107.2#



#50
Dimethylphthalate
Concen: 1.116 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion: 163 Resp: 12462
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4#
164 10.8 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 7.160 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

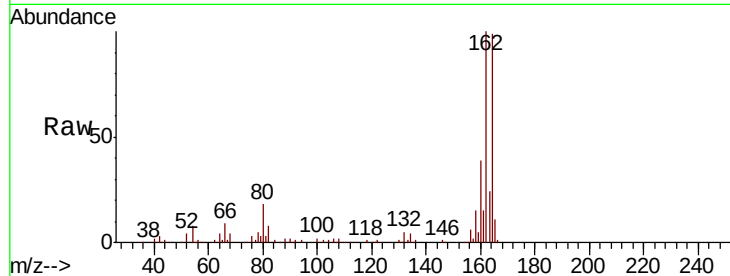
Tgt Ion:165 Resp: 16945

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

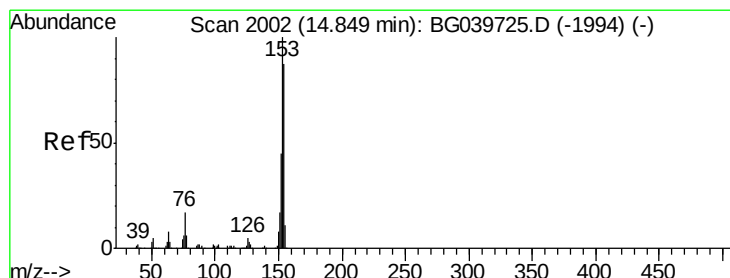
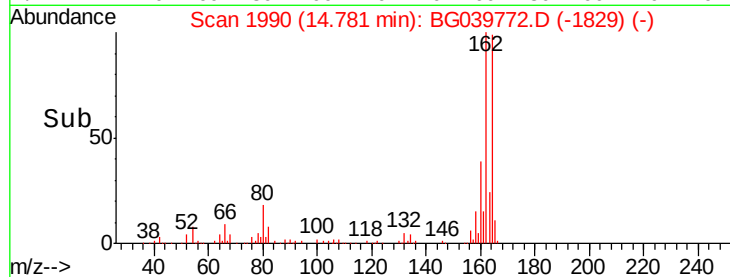
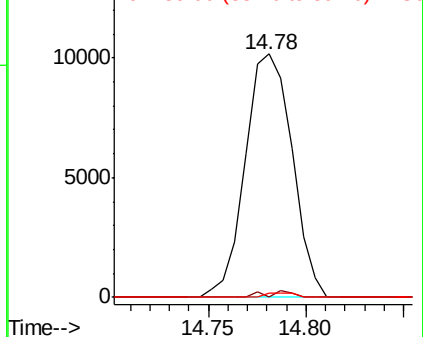
89 1.5 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 0.007 ng

RT: 14.85 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

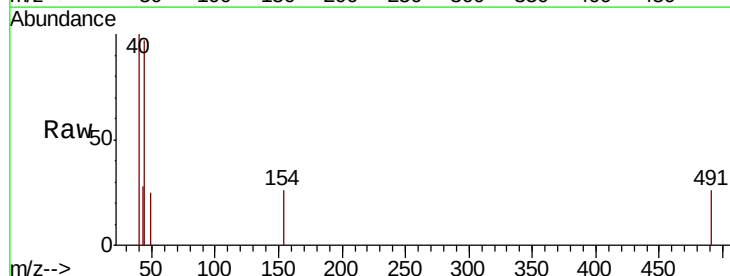
Tgt Ion:154 Resp: 55

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

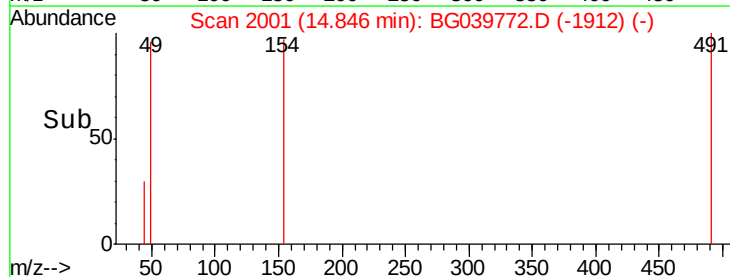
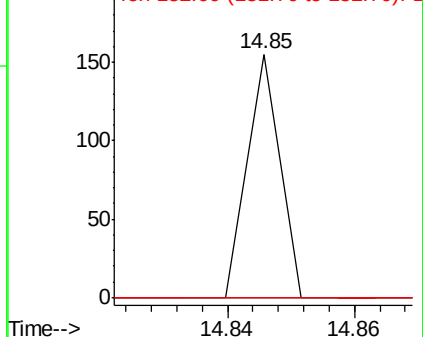
152 0.0 40.9 61.3#

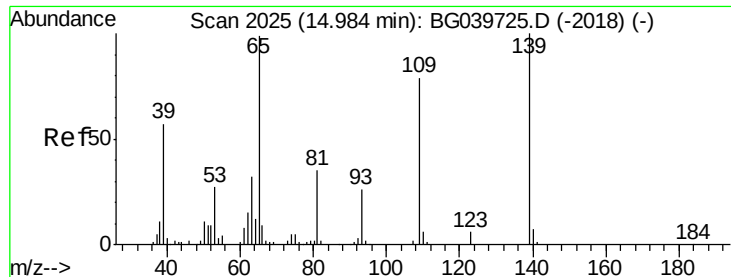


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

4-Nitrophenol

Concen: 0.032 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.30 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

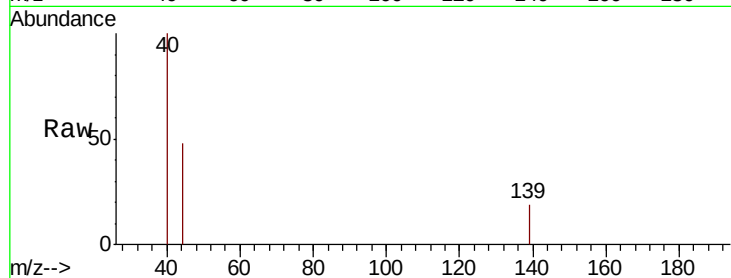
Instrument :

BNA_G

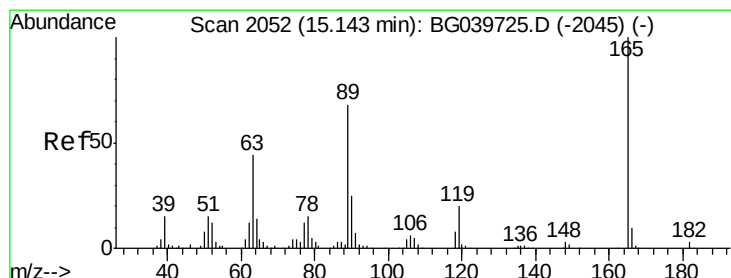
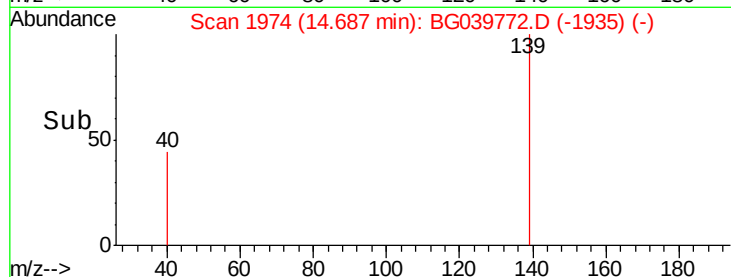
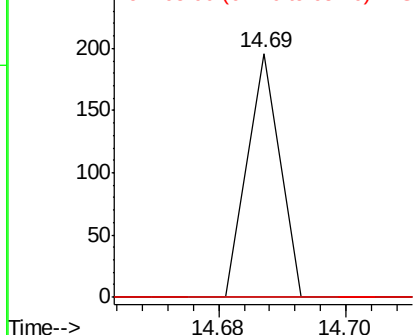
ClientSampleId :

MW-7

Tgt Ion:	139	Resp:	69
Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#



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



#57

2,4-Dinitrotoluene

Concen: 5.095 ng

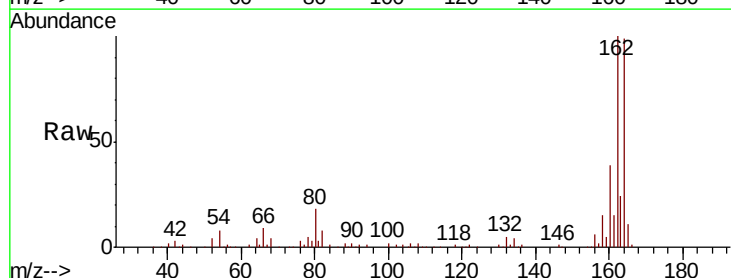
RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

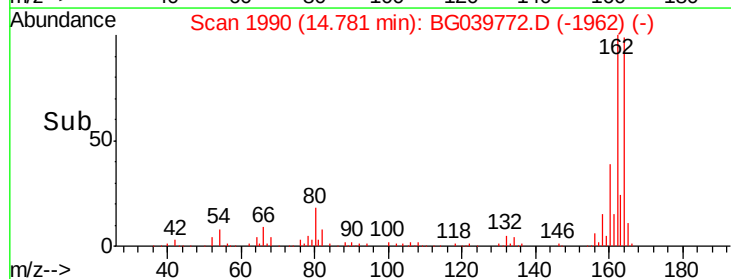
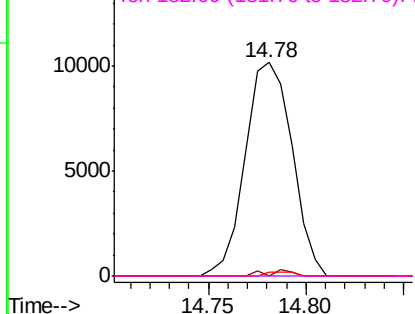
Lab File: BG039772.D

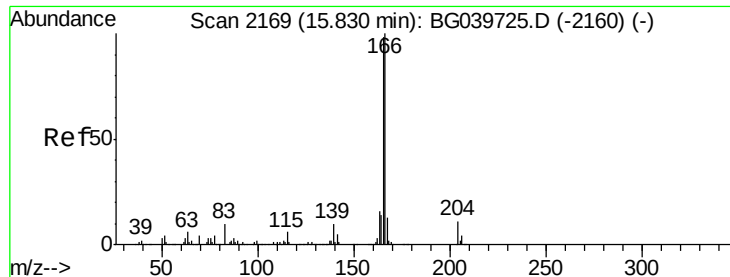
Acq: 5 Mar 2019 20:05

Tgt Ion:	165	Resp:	16945
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.5	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: 0.861 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.43 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

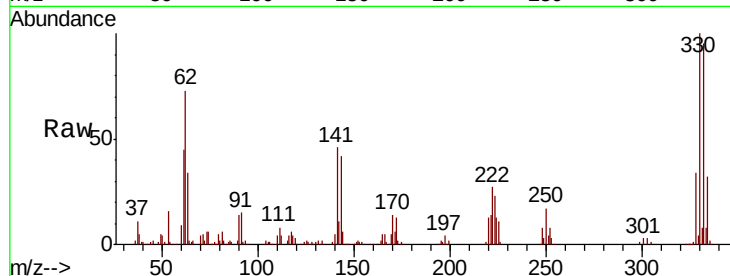
Tgt Ion:166 Resp: 9060

Ion Ratio Lower Upper

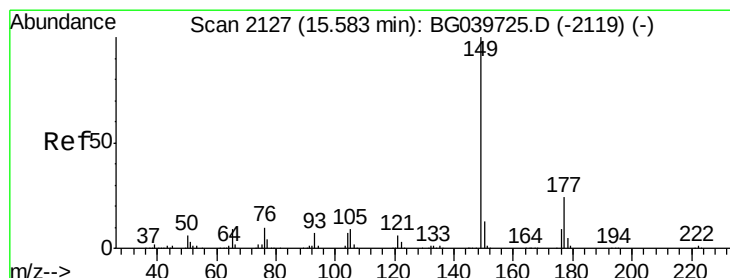
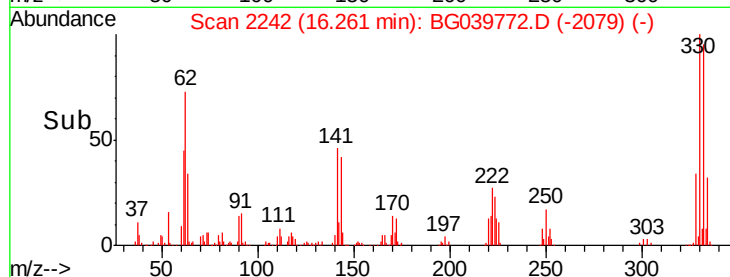
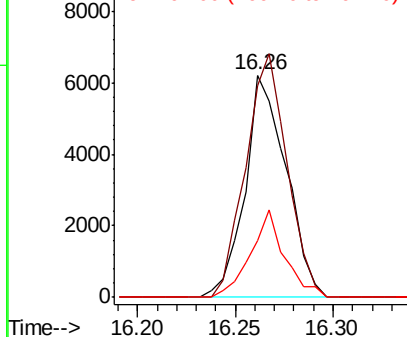
166 100

165 95.5 77.9 116.9

167 25.8 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: 0.057 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

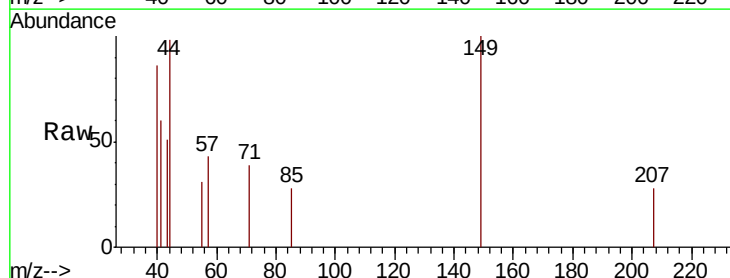
Tgt Ion:149 Resp: 625

Ion Ratio Lower Upper

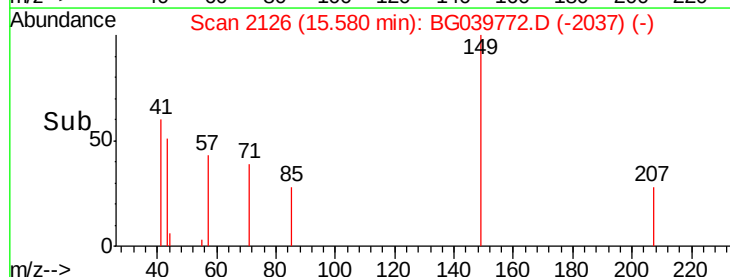
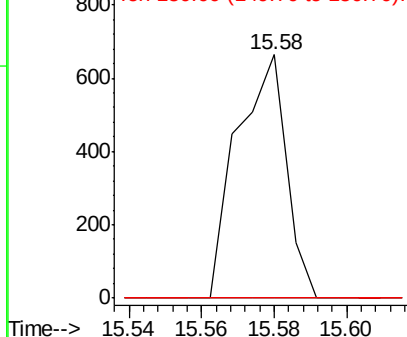
149 100

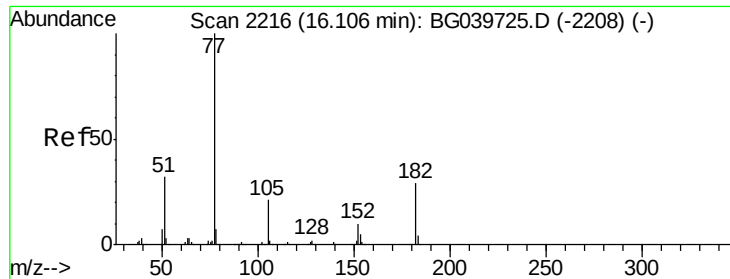
177 0.0 18.3 27.5#

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: 0.143 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.15 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

Tgt Ion: 77 Resp: 1433

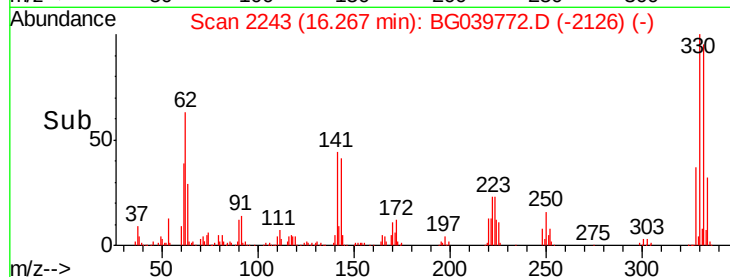
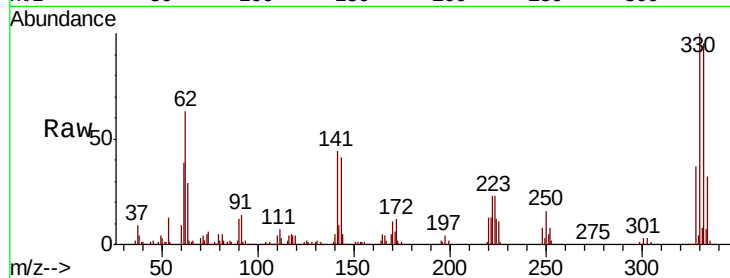
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 66.8 0.0 39.8#

51 75.2 14.1 54.1#

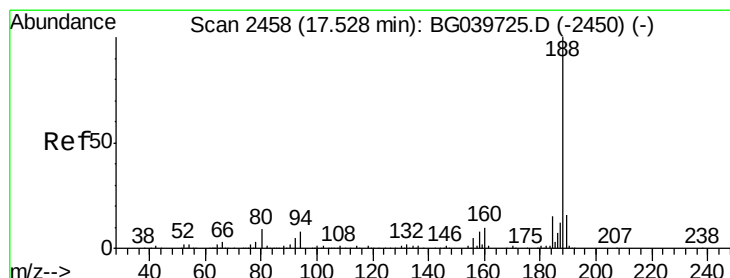
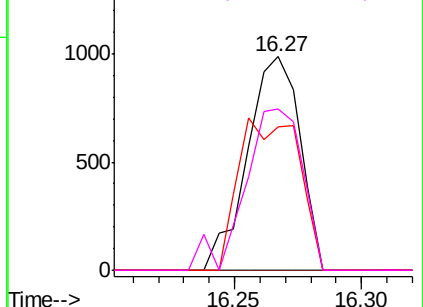


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

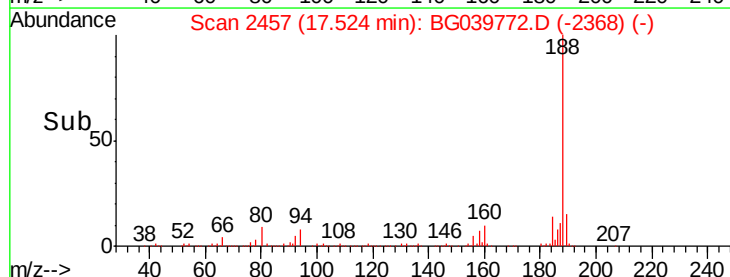
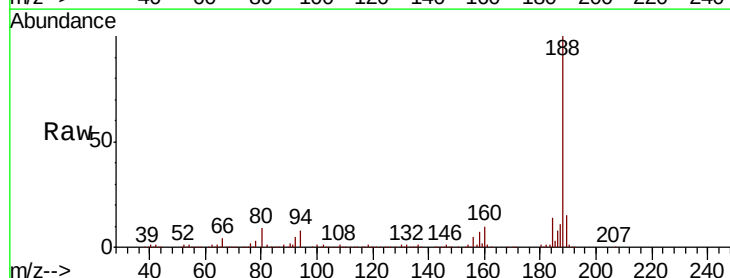
Tgt Ion: 188 Resp: 323778

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

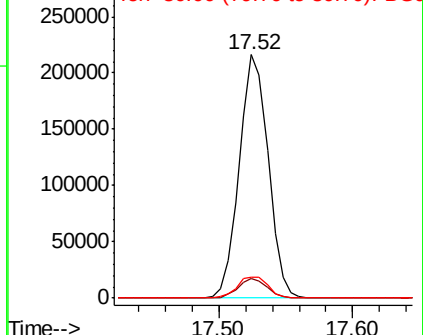
80 8.5 8.1 12.1

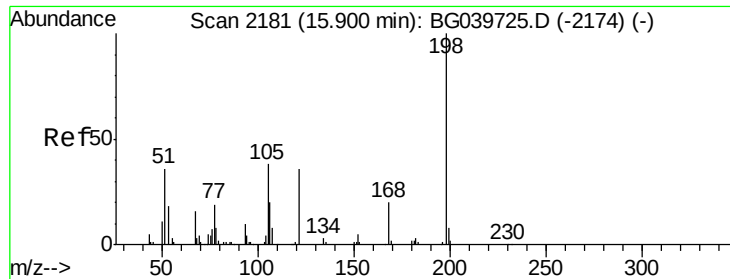


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

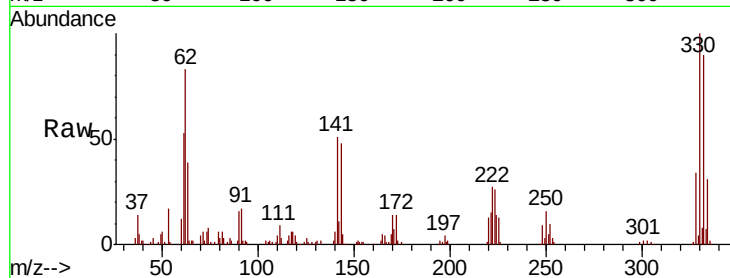




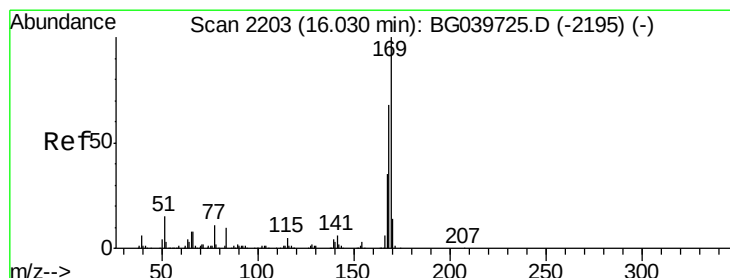
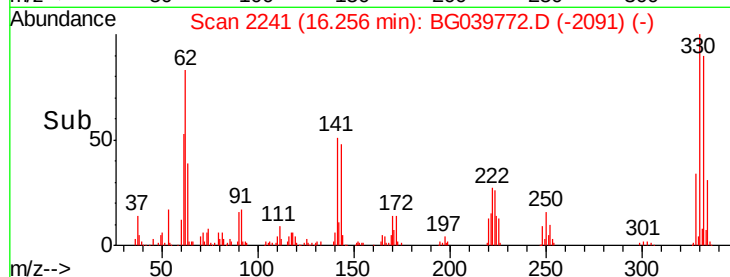
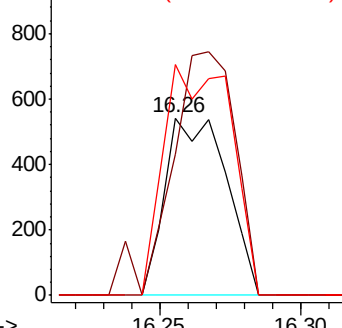
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.427 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. 0.35 min
 Lab File: BG039772.D
 Acq: 5 Mar 2019 20:05

Instrument :
 BNA_G
 ClientSampled :
 MW-7

Tgt Ion:198 Resp: 818
 Ion Ratio Lower Upper
 198 100
 51 79.2 27.4 67.4#
 105 130.2 19.7 59.7#

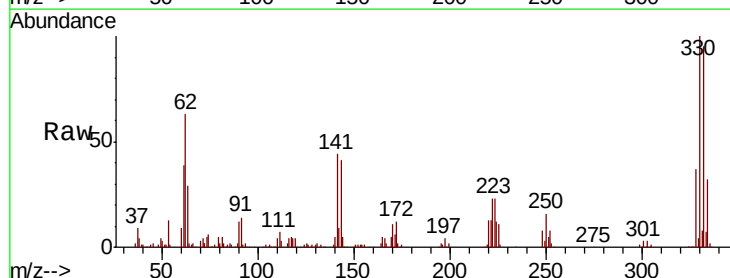


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

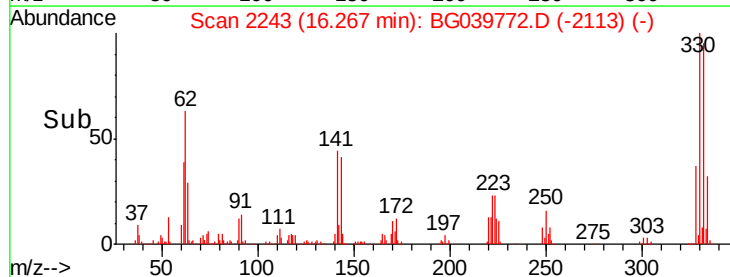
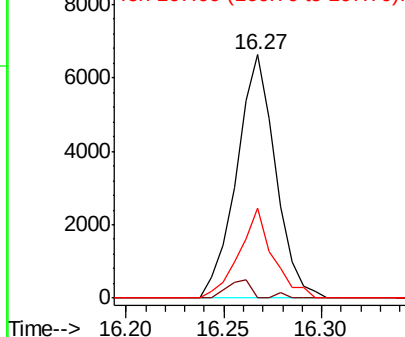


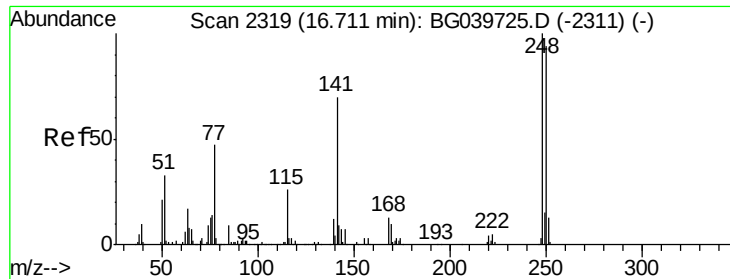
#66
 n-Nitrosodiphenylamine
 Concen: 0.973 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039772.D
 Acq: 5 Mar 2019 20:05

Tgt Ion:169 Resp: 9125
 Ion Ratio Lower Upper
 169 100
 168 0.0 56.6 85.0#
 167 36.9 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

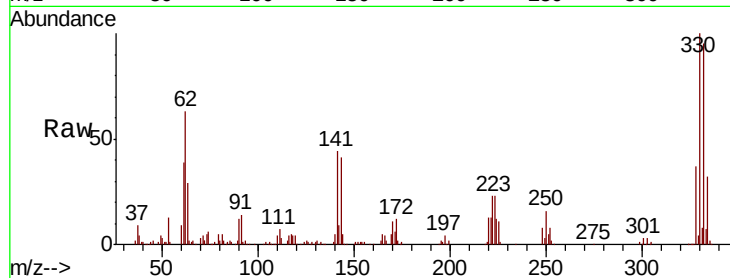




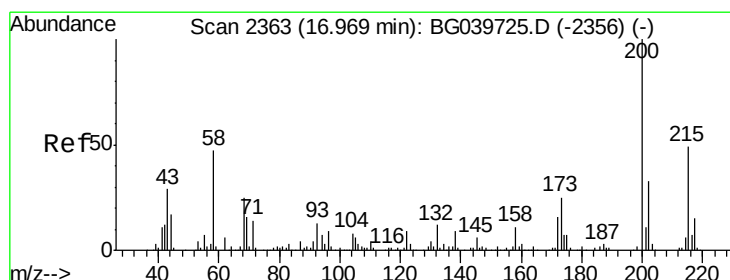
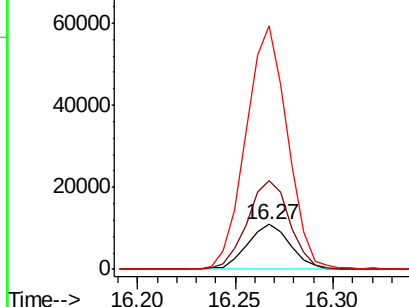
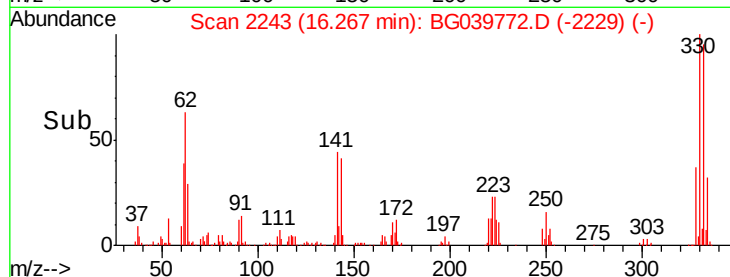
#67
 4-Bromophenyl-phenylether
 Concen: 4.570 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039772.D
 Acq: 5 Mar 2019 20:05

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Tgt Ion:248 Resp: 16562
 Ion Ratio Lower Upper
 248 100
 250 196.9 77.6 116.4#
 141 542.3 63.9 95.9#

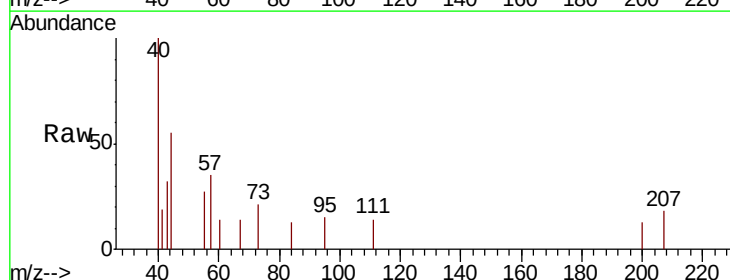


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

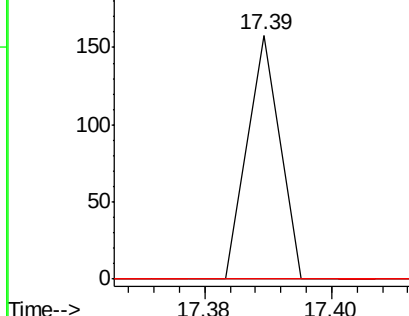
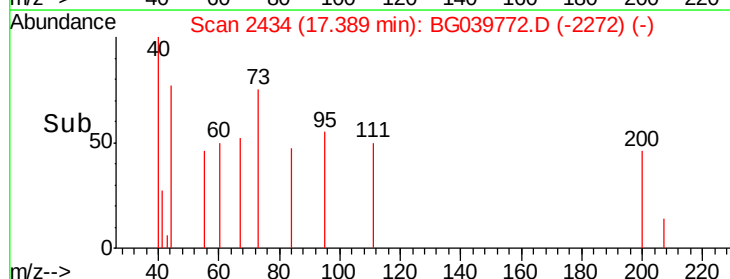


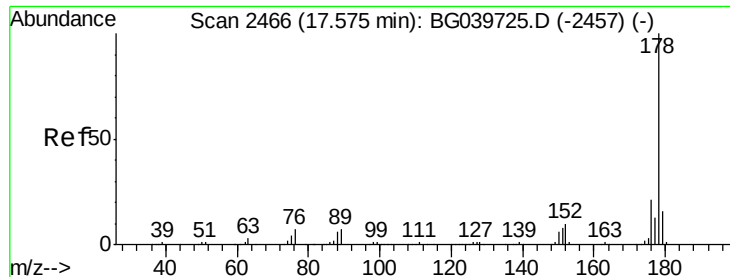
#69
 Atrazine
 Concen: 0.015 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. 0.42 min
 Lab File: BG039772.D
 Acq: 5 Mar 2019 20:05

Tgt Ion:200 Resp: 56
 Ion Ratio Lower Upper
 200 100
 173 0.0 3.9 43.9#
 215 0.0 30.9 70.9#



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

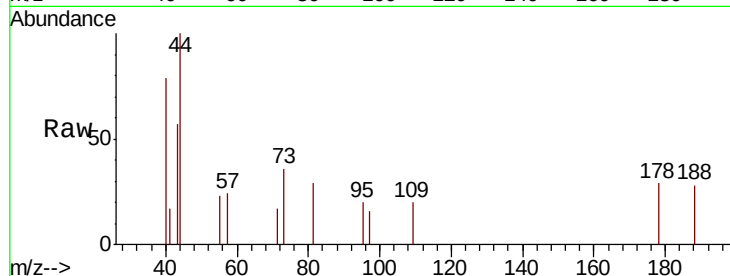




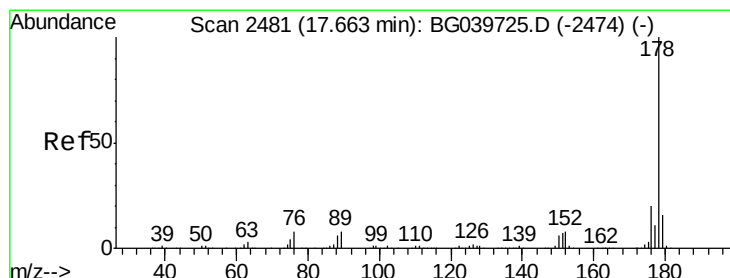
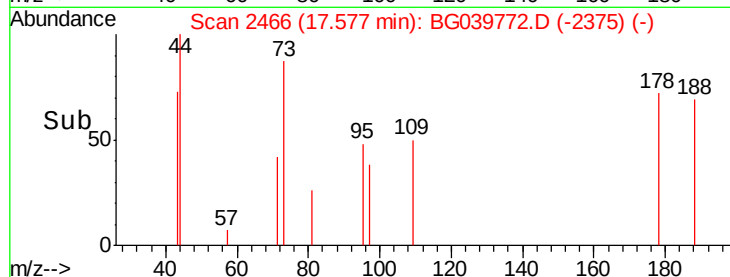
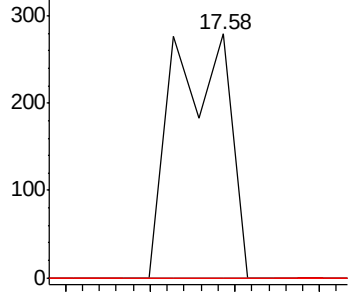
#71
Phenanthrene
Concen: 0.015 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampled :
MW-7

Tgt Ion:178 Resp: 260
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#

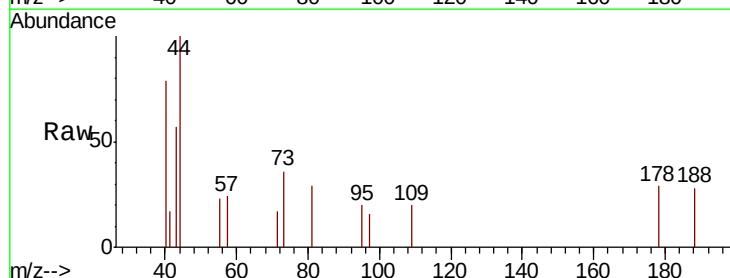


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

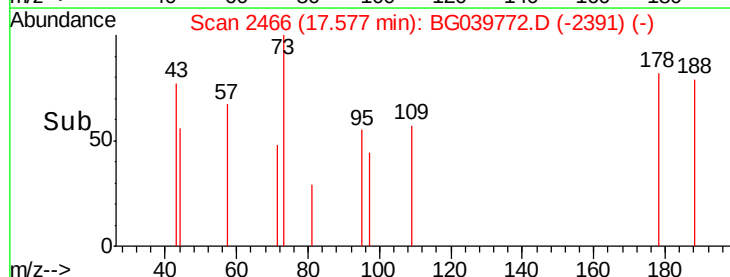
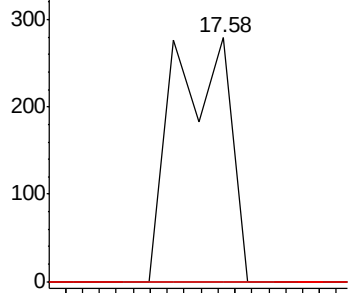


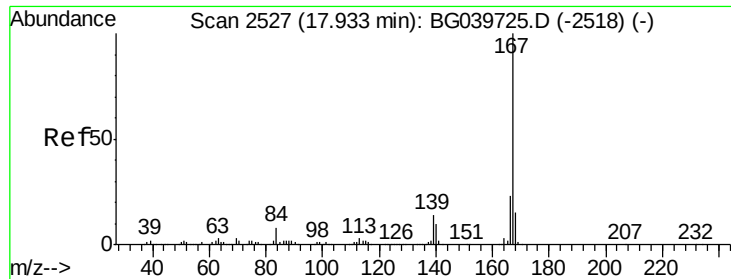
#72
Anthracene
Concen: 0.015 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.09 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:178 Resp: 260
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: 0.005 ng

RT: 18.10 min Scan# 2555

Delta R.T. 0.16 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampled :

MW-7

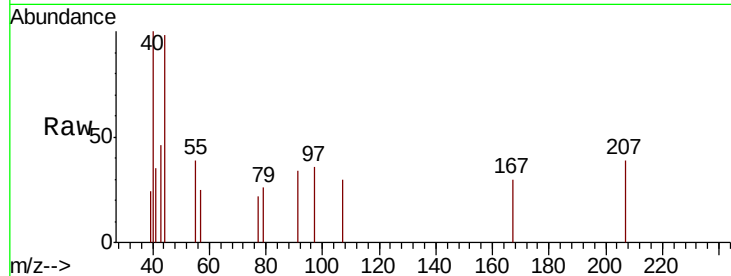
Tgt Ion:167 Resp: 74

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

18.10

250

200

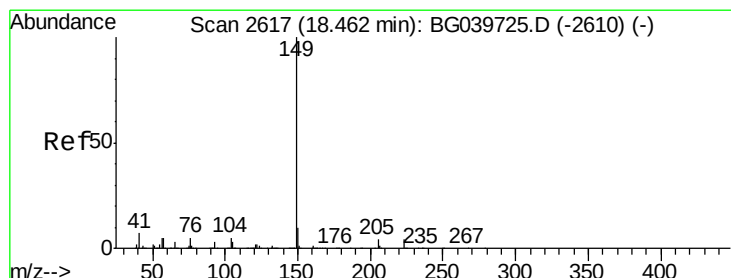
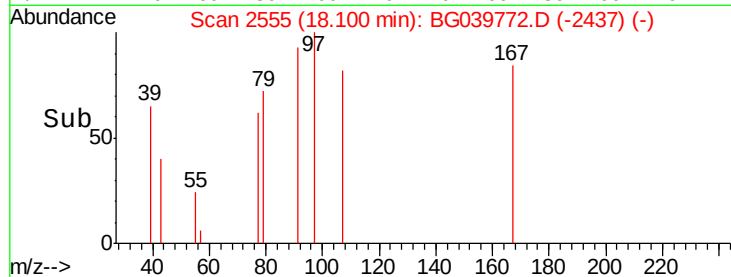
150

100

50

0

Time--> 18.08 18.10



#74

Di-n-butylphthalate

Concen: 0.102 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

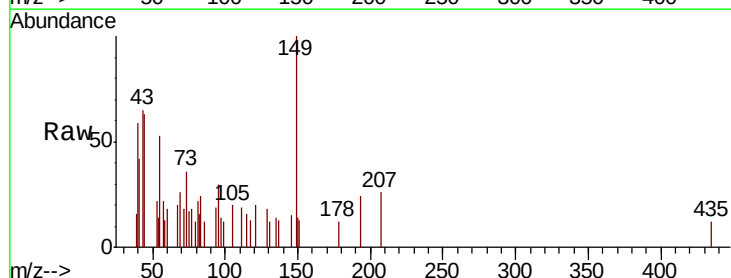
Tgt Ion:149 Resp: 1874

Ion Ratio Lower Upper

149 100

150 14.3 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

18.46

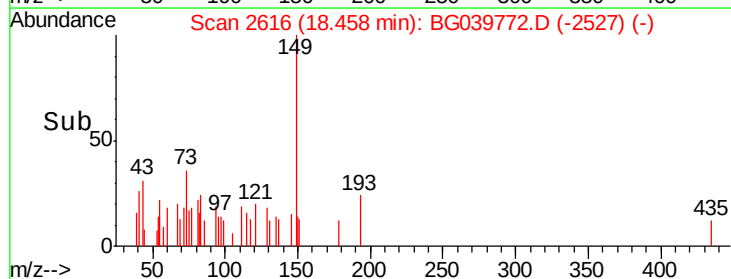
1500

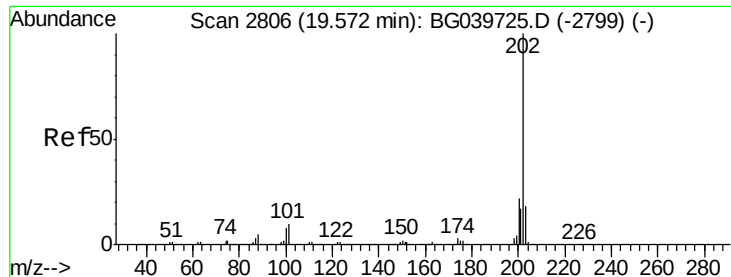
1000

500

0

Time--> 18.40 18.45 18.50





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.20 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

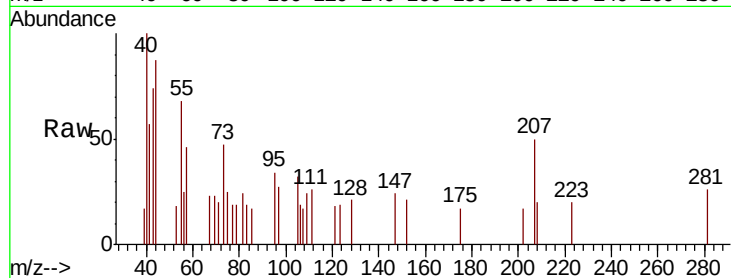
Instrument :

BNA_G

ClientSampleId :

MW-7

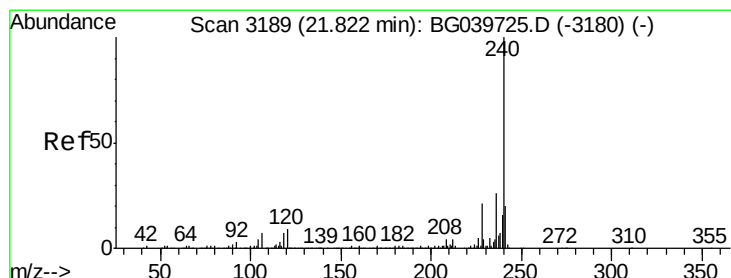
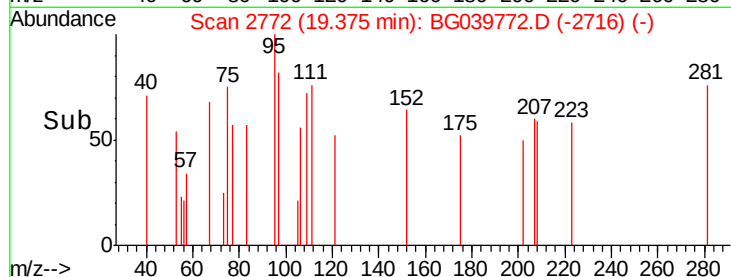
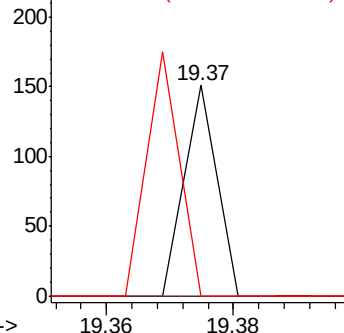
Tgt Ion:	202	Resp:	53
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	0.0	0.0	38.9



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

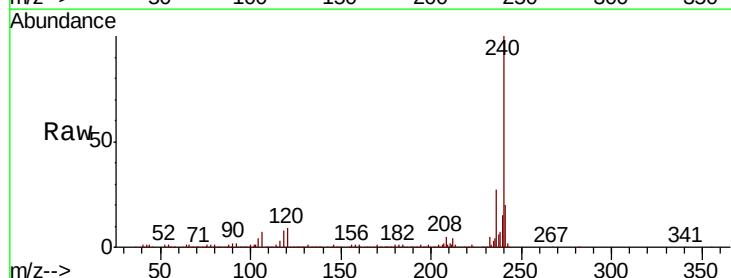
RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

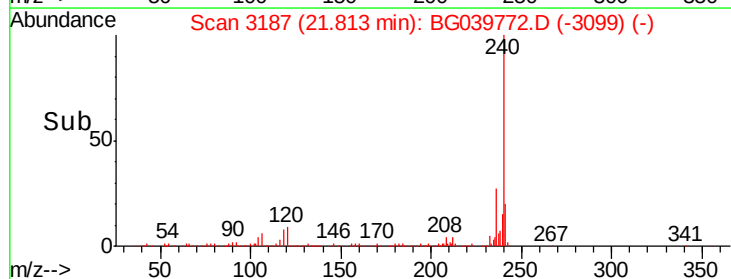
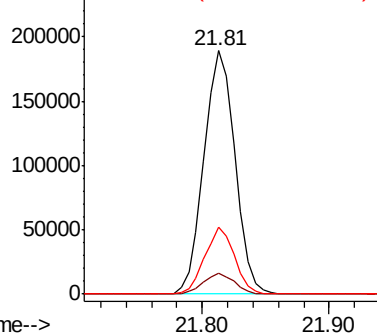
Tgt Ion:	240	Resp:	321031
Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	27.4	21.0	31.4

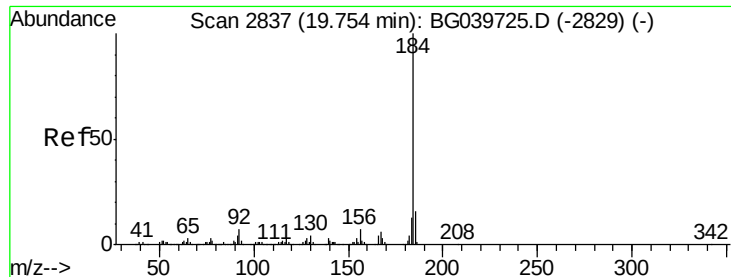


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.167 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.37 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

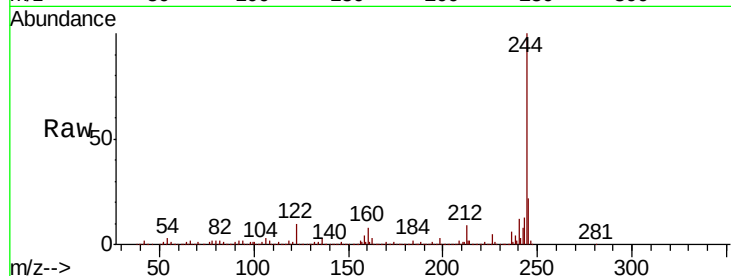
Tgt Ion:184 Resp: 22072

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

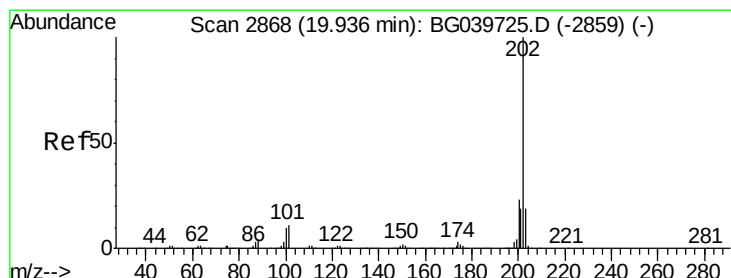
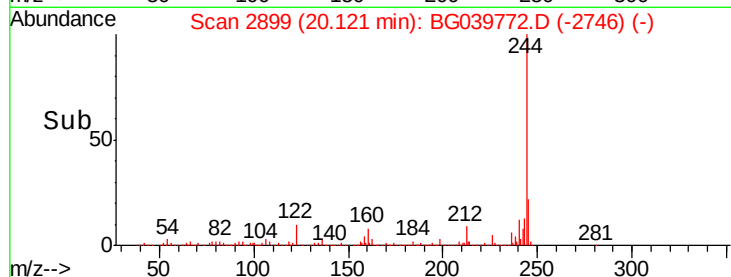
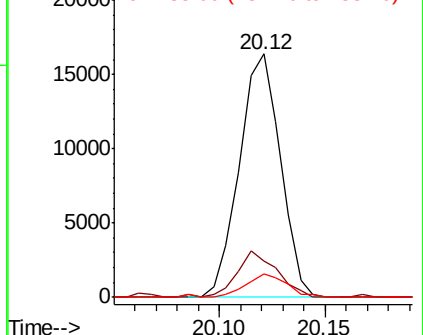
183 9.6 10.6 15.8#



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: 0.242 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

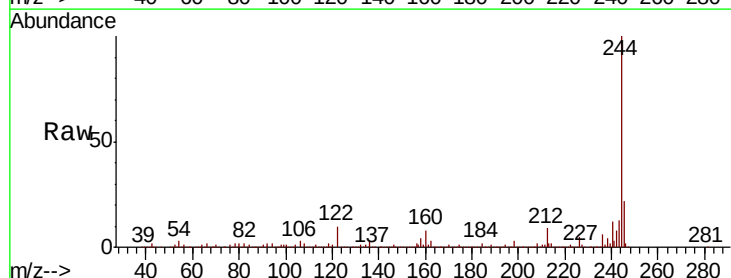
Tgt Ion:202 Resp: 5038

Ion Ratio Lower Upper

202 100

200 43.1 17.8 26.8#

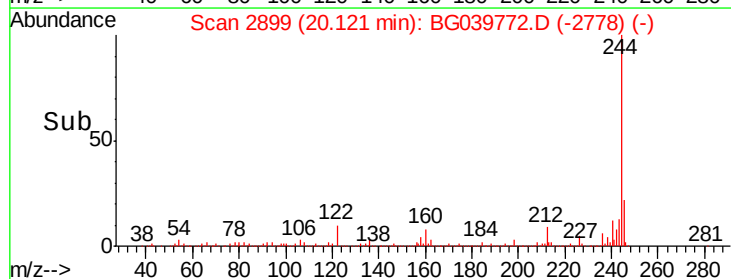
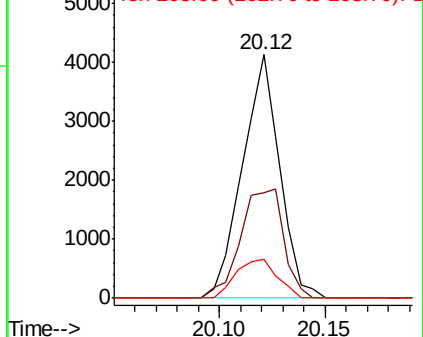
203 15.7 15.3 22.9

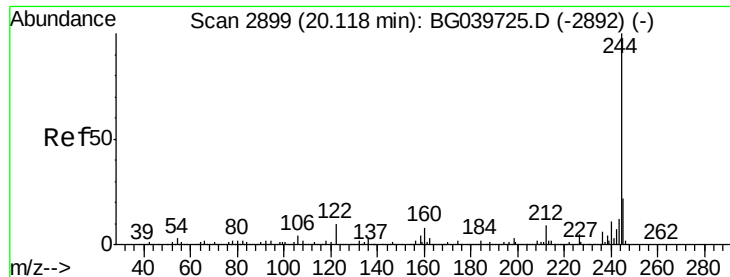


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.801 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

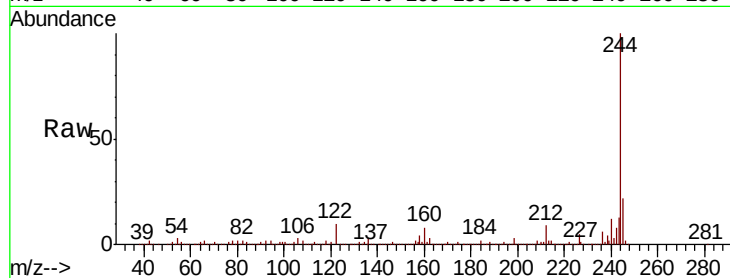
Tgt Ion:244 Resp: 1192693

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

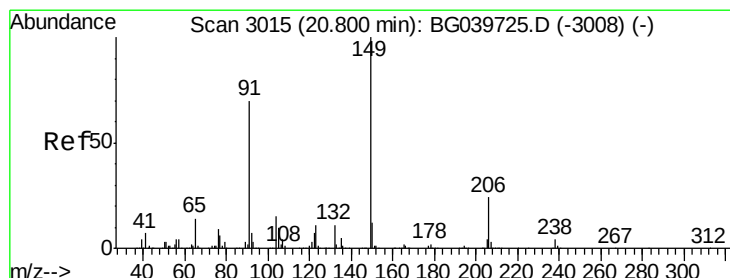
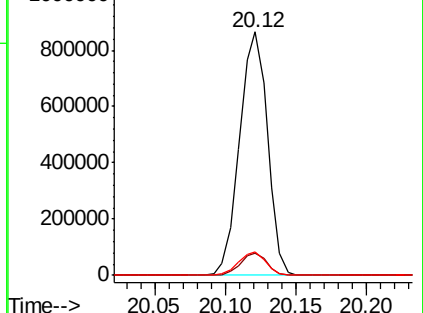
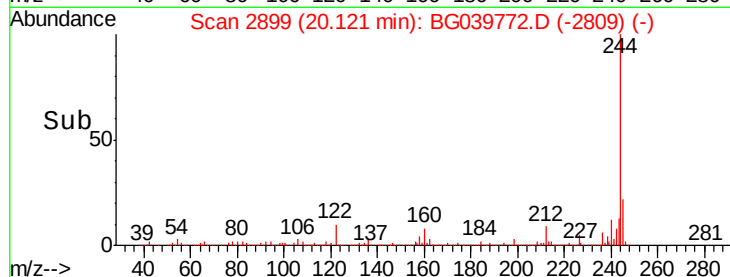
122 9.8 8.4 12.6



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: 0.081 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

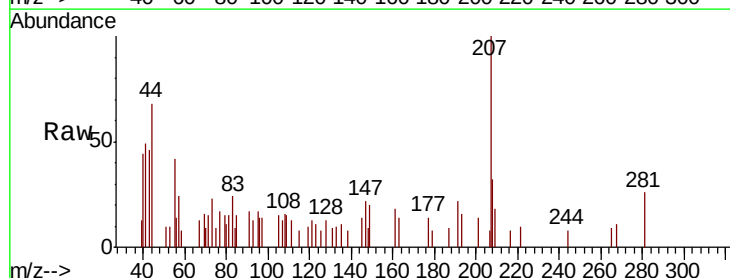
Tgt Ion:149 Resp: 652

Ion Ratio Lower Upper

149 100

91 85.3 59.5 89.3

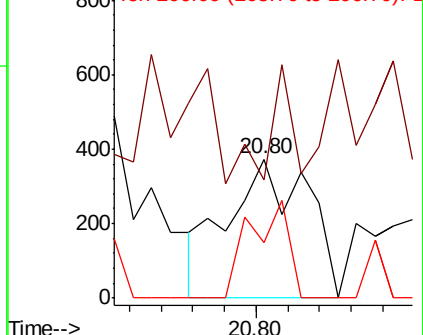
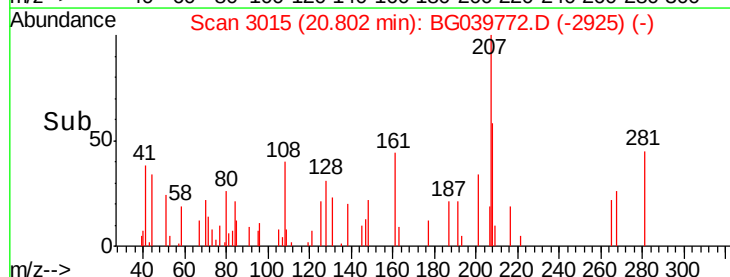
206 40.2 18.6 27.8#

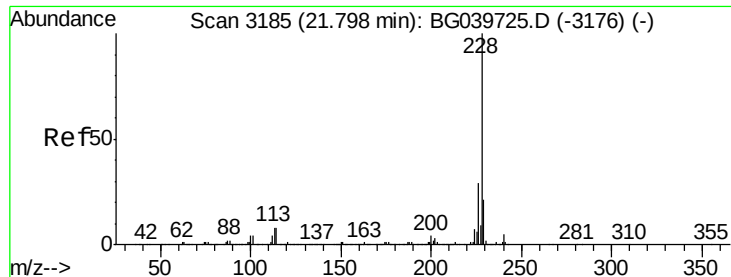


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.03 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

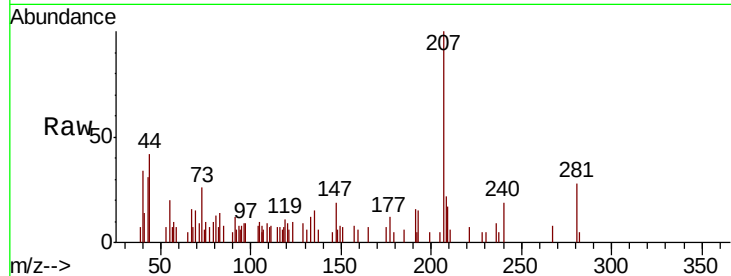
Tgt Ion:228 Resp: 60

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

229 0.0 16.9 25.3#



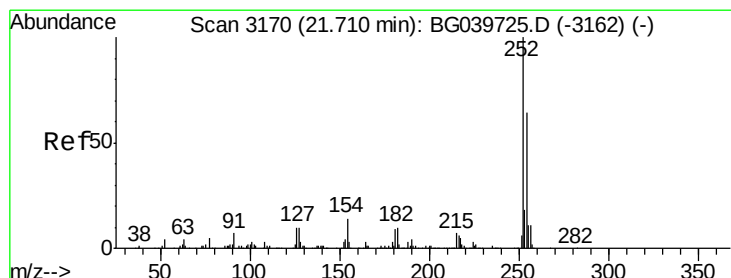
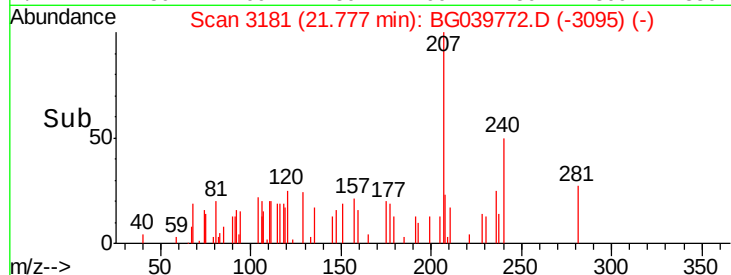
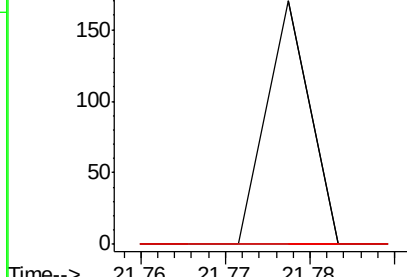
Abundance

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

21.78



#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.07 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

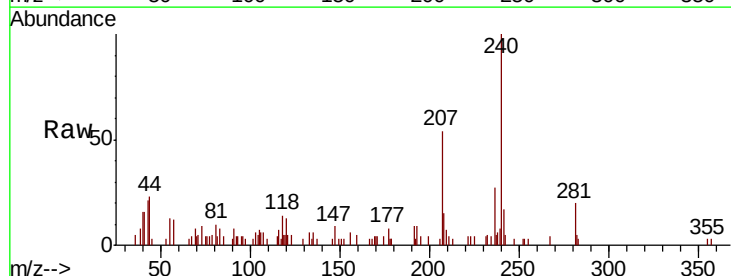
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

126 0.0 8.0 12.0#



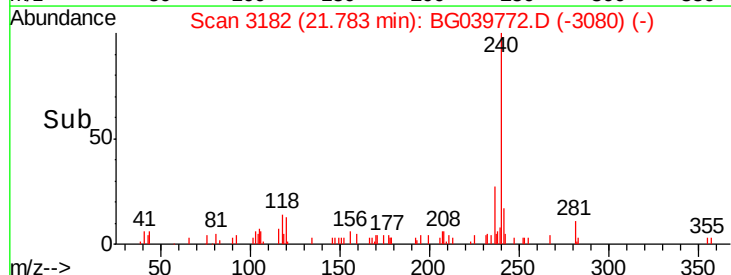
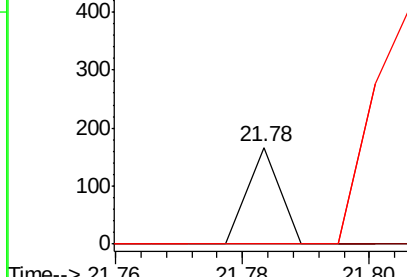
Abundance

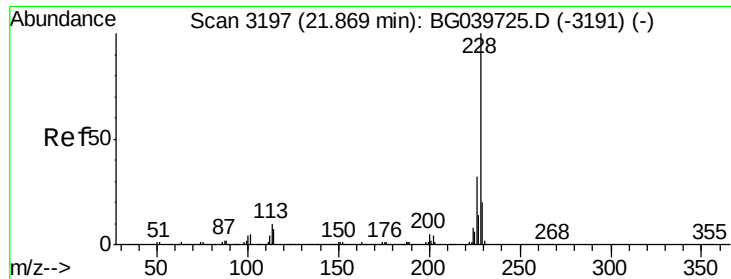
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.78





#83

Chrysene

Concen: 0.056 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.06 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

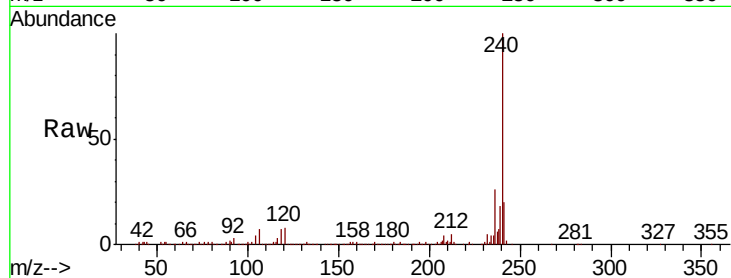
Tgt Ion:228 Resp: 1085

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 36.7 16.6 25.0#



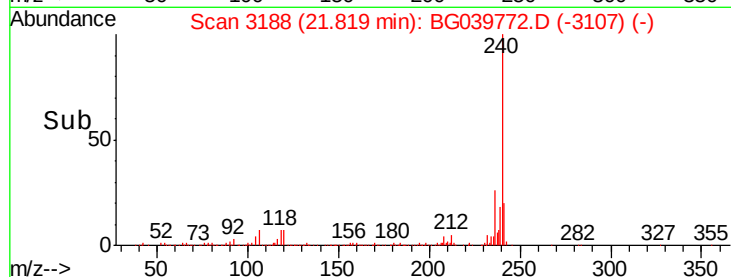
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

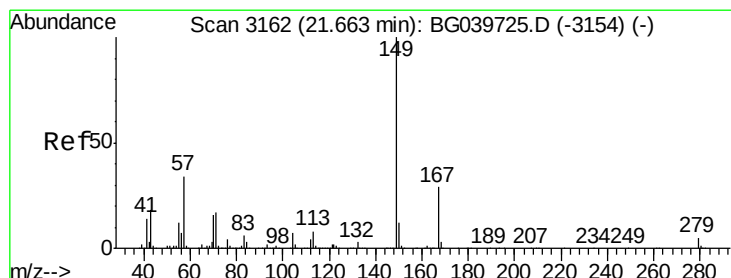
Ion 229.00 (228.70 to 229.70): E

21.82

21.85



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.251 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

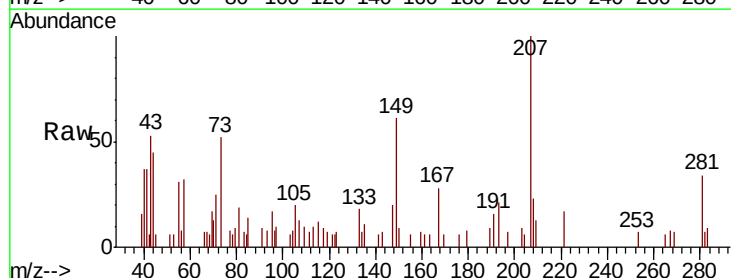
Tgt Ion:149 Resp: 2846

Ion Ratio Lower Upper

149 100

167 45.8 22.6 34.0#

279 0.0 3.5 5.3#



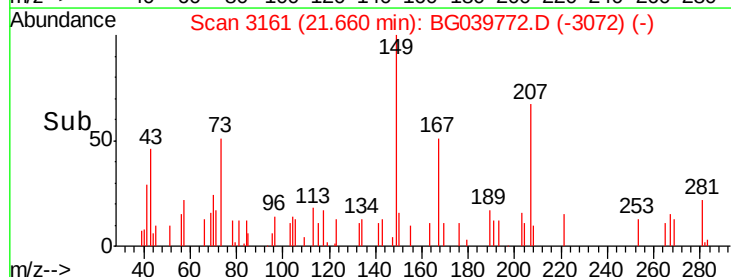
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

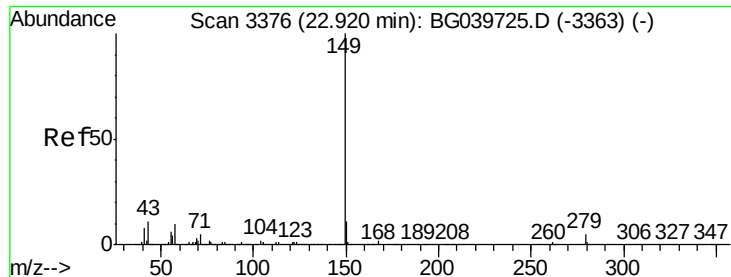
Ion 279.00 (278.70 to 279.70): E

21.66

21.70



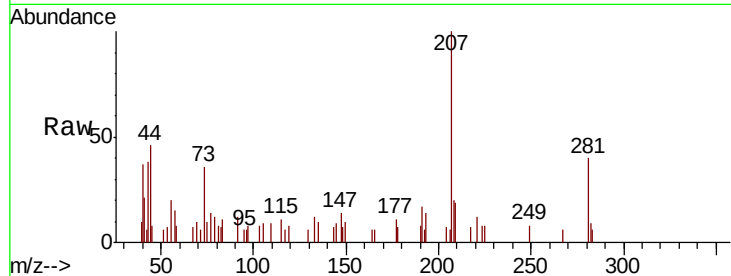
Time-->



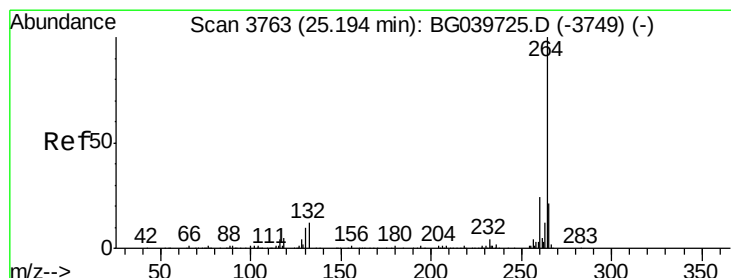
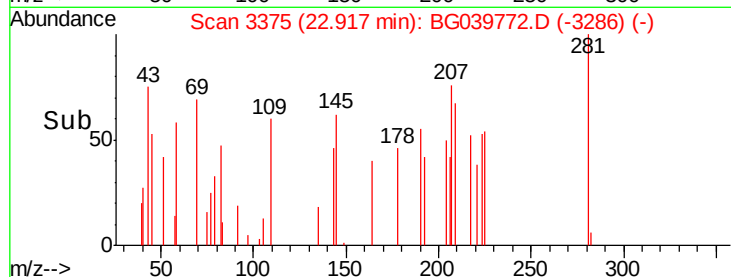
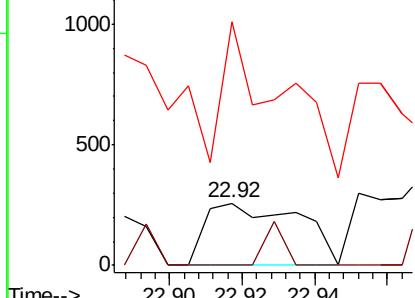
#85
Di-n-octyl phthalate
Concen: 0.024 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:149 Resp: 457
Ion Ratio Lower Upper
149 100
167 14.0 1.3 1.9#
43 153.0 10.2 15.4#

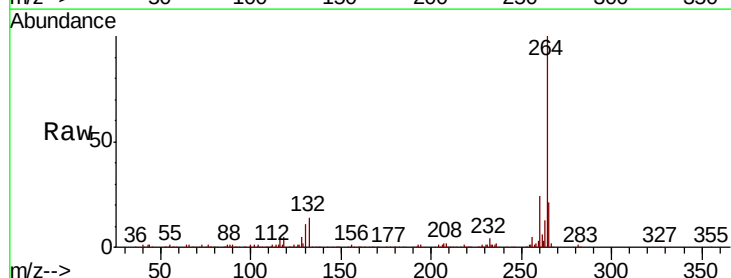


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

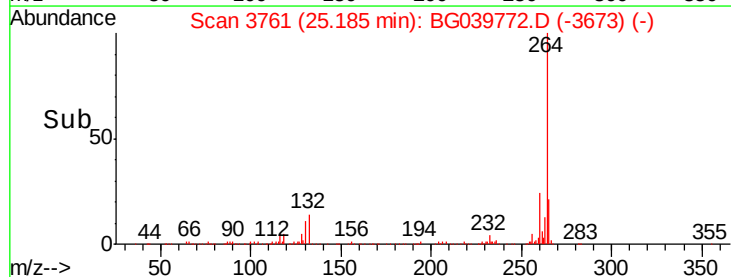
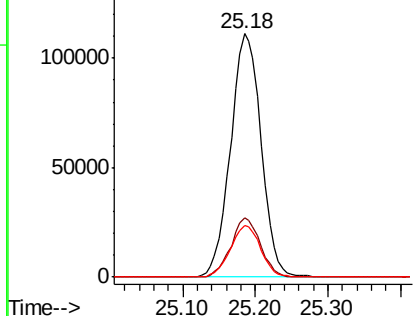


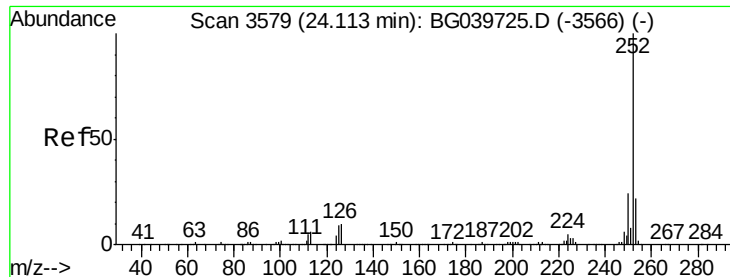
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:264 Resp: 324749
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.4
265 21.3 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: 0.009 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampleId :

MW-7

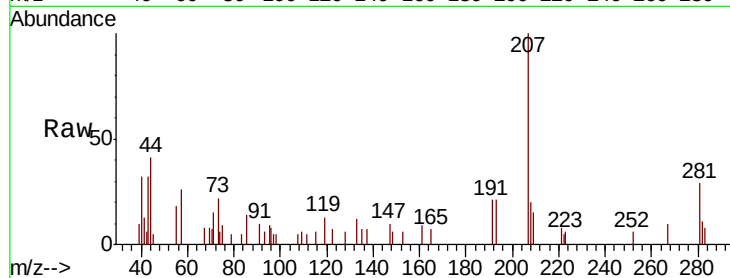
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

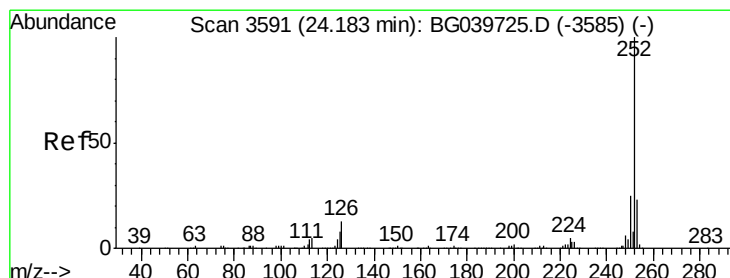
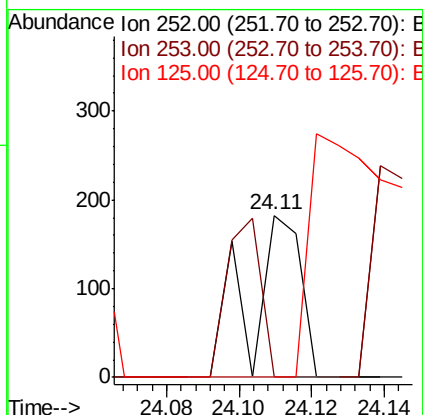
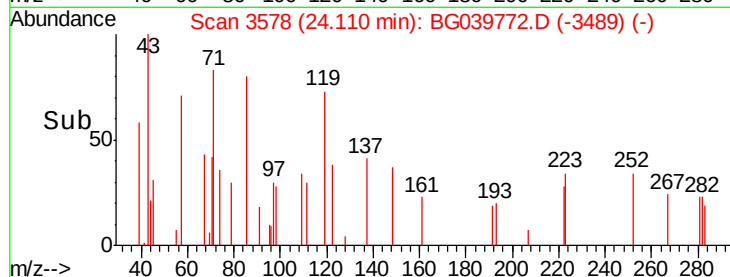
125 0.0 7.8 11.6#



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: 24.11 min Scan# 3578

Delta R.T. -0.08 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

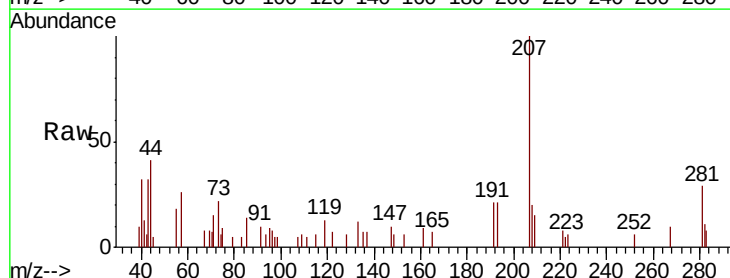
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

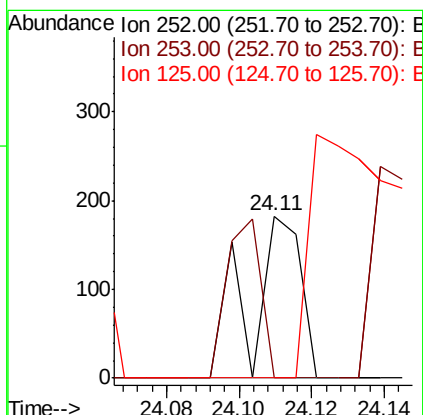
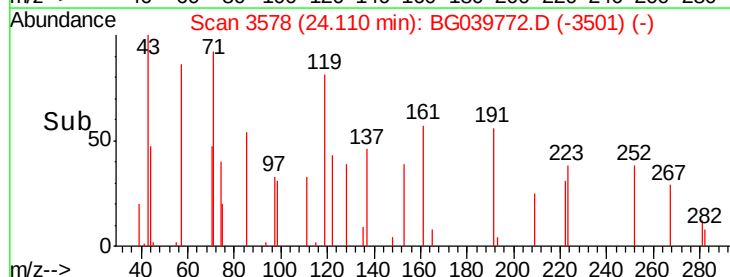
125 0.0 7.4 11.2#

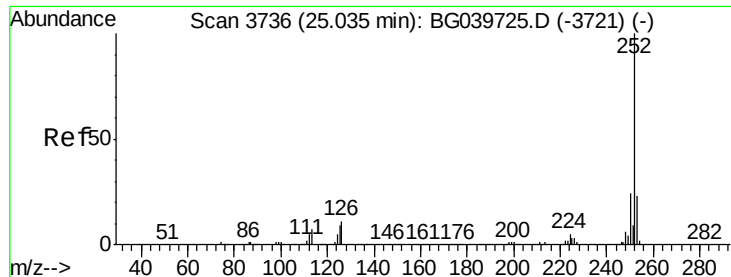


Abundance Ion 252.00 (251.70 to 252.70): E

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: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

Instrument :

BNA_G

ClientSampled :

MW-7

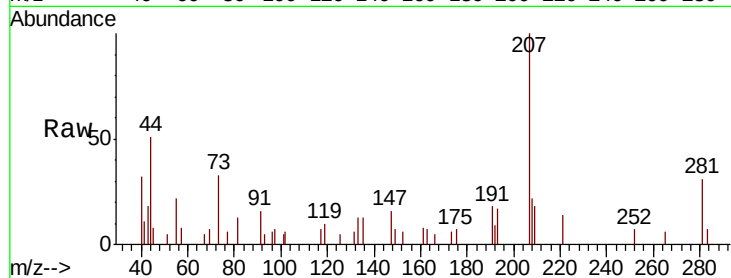
Tgt Ion:252 Resp: 75

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

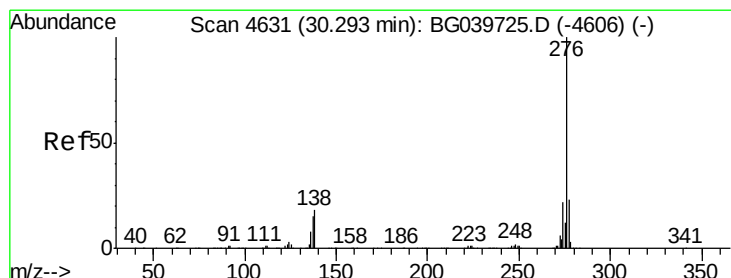
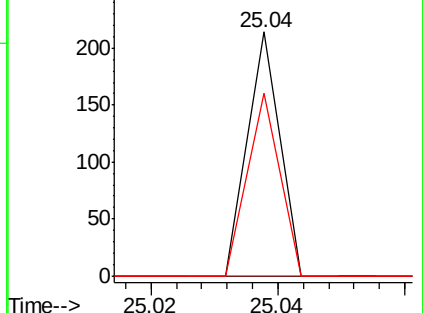
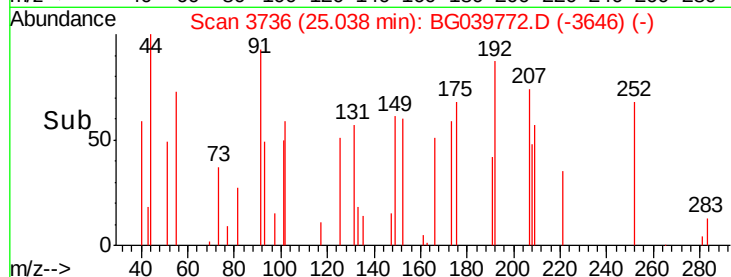
125 75.2 8.3 12.5#



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



#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.38 min

Lab File: BG039772.D

Acq: 5 Mar 2019 20:05

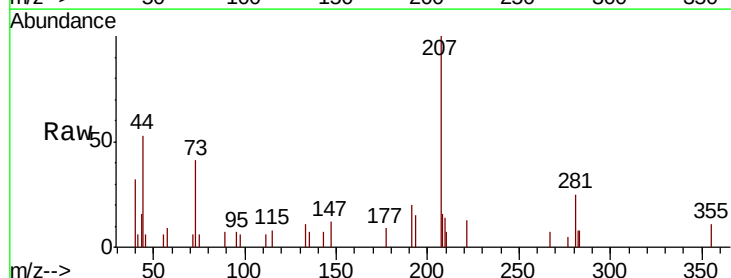
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

276 100

277 0.0 19.6 29.4#

138 0.0 14.7 22.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

