

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040093.D
 Acq On : 22 Mar 2019 21:35
 Operator : JU/SJ
 Sample : K2032-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:10:55 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	43418	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	196474	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	142797	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	338710	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	325082	20.00	ng	-0.02
87) Perylene-d12	25.16	264	325135	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	101330	39.82	ng	-0.02
7) Phenol-d6	7.29	99	93034	24.52	ng	-0.02
23) Nitrobenzene-d5	9.32	82	278997	76.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	131052	78.74	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	721283	71.92	ng	-0.02
79) Terphenyl-d14	20.11	244	984937	66.71	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	3084	2.625	ng	# 1
4) n-Nitrosodimethylamine	3.95	42	54	0.036	ng	# 1
6) Aniline	7.67	93	195	0.039	ng	# 1
9) Benzaldehyde	7.29	77	64	0.026	ng	# 4
10) Phenol	7.32	94	2523	0.614	ng	# 92
11) bis(2-Chloroethyl)ether	7.67	93	195	0.061	ng	# 1
15) Benzyl Alcohol	8.47	79	4022	1.336	ng	# 51
19) n-Nitroso-di-n-propylamine	9.32	70	37326	13.666	ng	# 67
24) Nitrobenzene	9.32	77	674	0.177	ng	# 10
46) 1,1'-Biphenyl	13.61	154	1033	0.088	ng	# 88
48) 2-Nitroaniline	13.39	65	1366	0.481	ng	# 3
50) Dimethylphthalate	14.21	163	6325	0.530	ng	# 92
51) 2,6-Dinitrotoluene	14.77	165	18031	7.123	ng	# 24
52) Acenaphthene	14.77	154	625	0.072	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	18031	5.069	ng	# 19
58) Fluorene	16.25	166	5661	0.503	ng	# 84
59) 2,3,4,6-Tetrachlorophenol	15.04	232	54	0.017	ng	# 39
60) Diethylphthalate	16.00	149	55	0.005	ng	# 58
63) Azobenzene	16.25	77	653	0.061	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.25	198	471	0.235	ng	# 36
66) n-Nitrosodiphenylamine	16.25	169	5485	0.559	ng	# 36
67) 4-Bromophenyl-phenylether	16.25	248	10020	2.643	ng	# 1
71) Phenanthrene	17.55	178	147	0.008	ng	# 59
72) Anthracene	17.55	178	147	0.008	ng	# 60
74) Di-n-butylphthalate	18.46	149	699	0.036	ng	# 77
77) Benzidine	20.11	184	17218	1.669	ng	# 91
78) Pyrene	20.11	202	3804	0.180	ng	# 83
80) Butylbenzylphthalate	20.78	149	56	0.007	ng	# 22
81) Benzo(a)anthracene	21.80	228	876	0.043	ng	# 39
83) Chrysene	21.80	228	876	0.044	ng	# 37
84) Bis(2-ethylhexyl)phthalate	21.64	149	893	0.078	ng	# 52
85) Di-n-octyl phthalate	22.90	149	68	0.004	ng	# 1
90) Benzo(a)pyrene	25.18	252	1146	0.064	ng	# 76

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QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

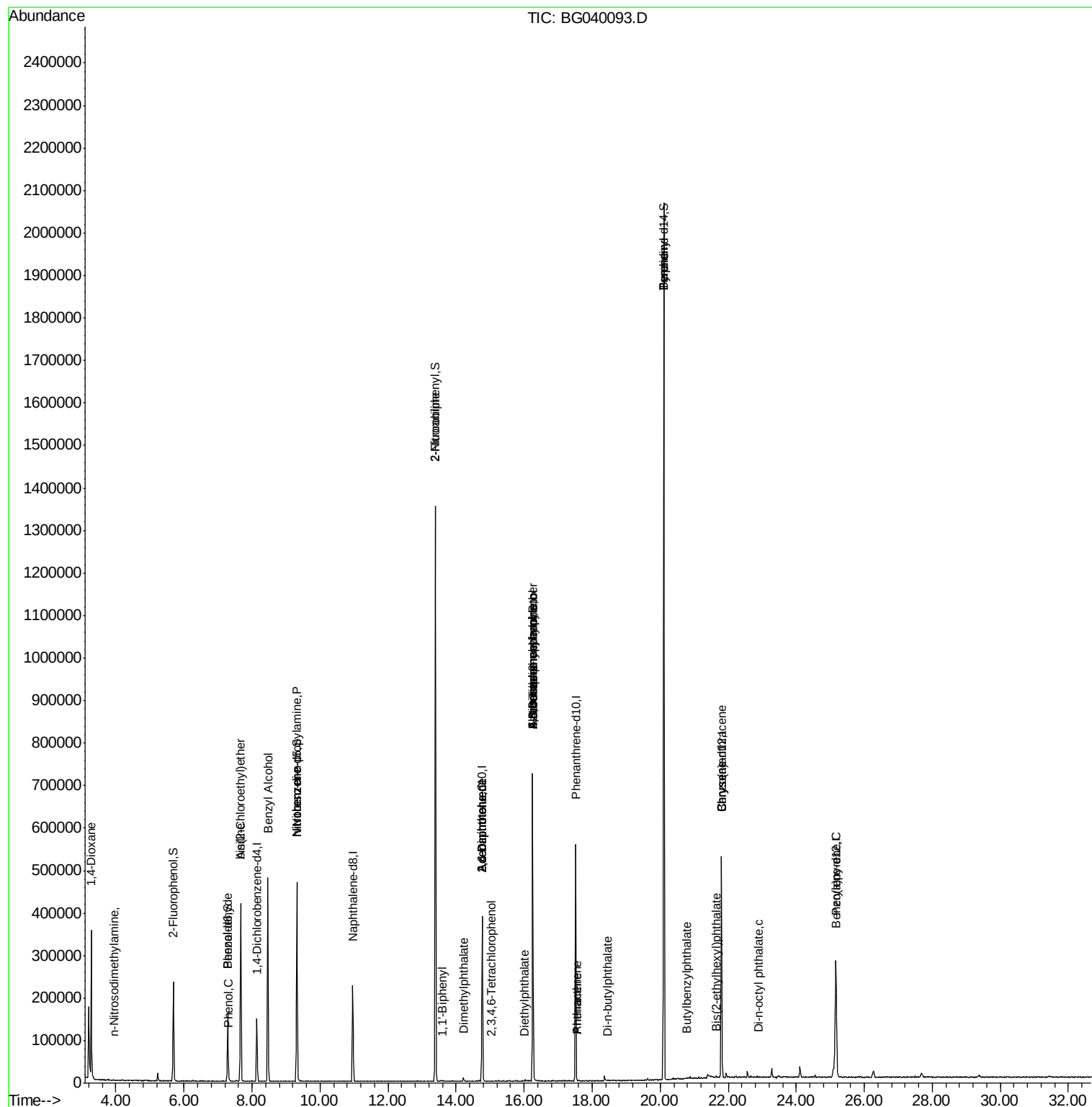
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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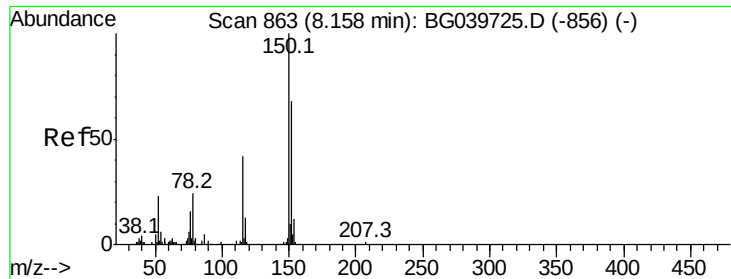
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampled :

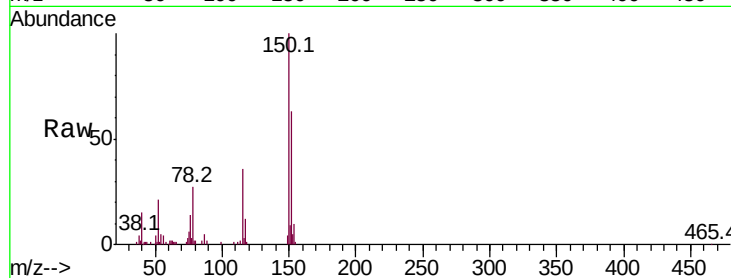
Tot Ion:152 Resp: 43418

Ion Ratio Lower Upper

152 100

150 159.5 123.7 185.5

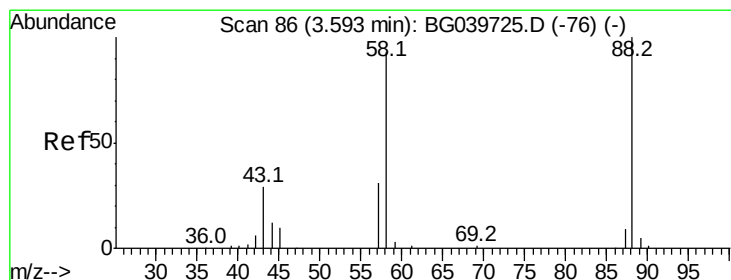
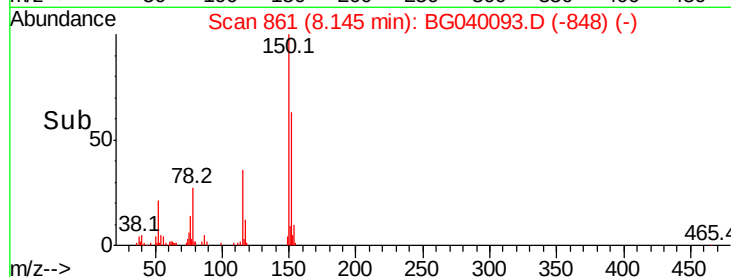
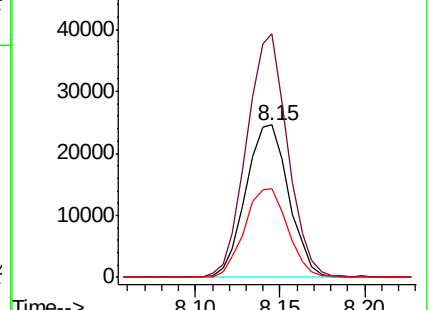
115 58.0 45.9 68.9



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: 2.625 ng

RT: 3.27 min Scan# 31

Delta R.T. -0.34 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

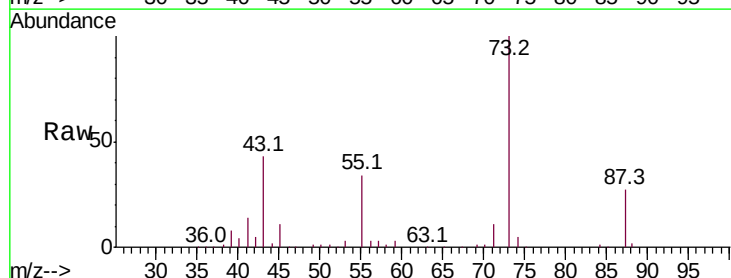
Tgt Ion: 88 Resp: 3084

Ion Ratio Lower Upper

88 100

58 47.3 81.1 121.7#

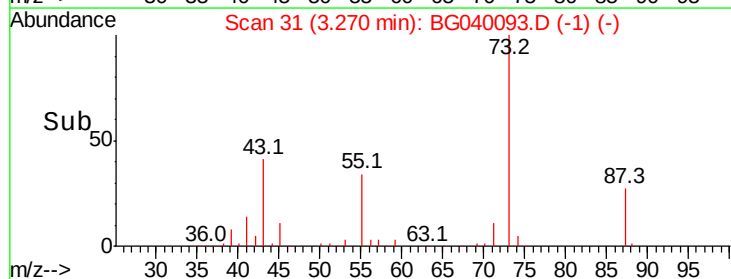
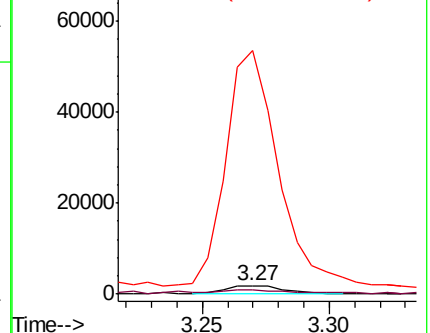
43 2615.2 31.4 47.0#

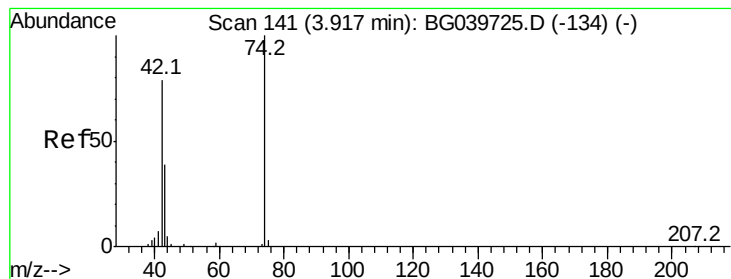


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.036 ng

RT: 3.95 min Scan# 147

Delta R.T. 0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampled :

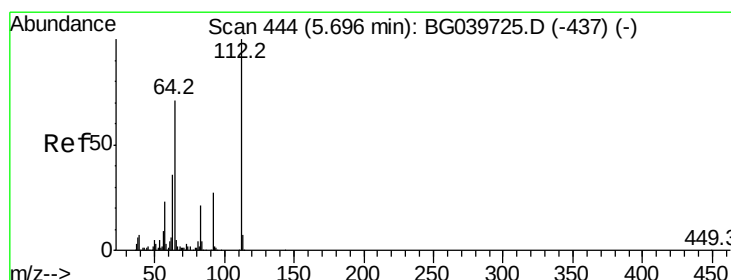
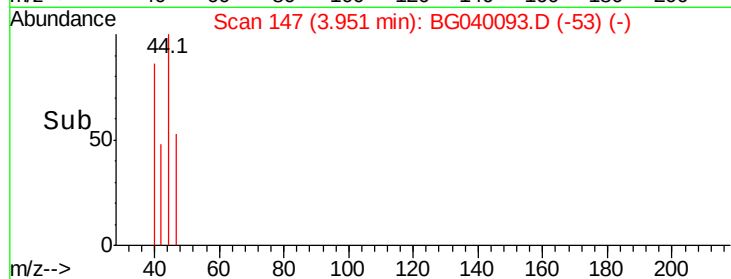
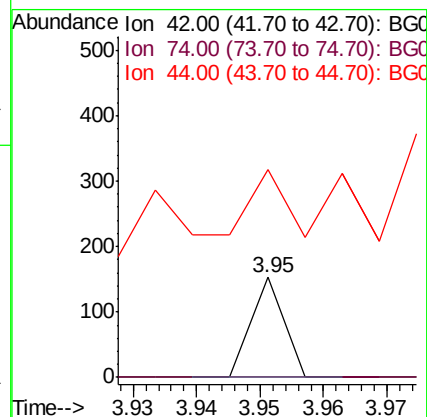
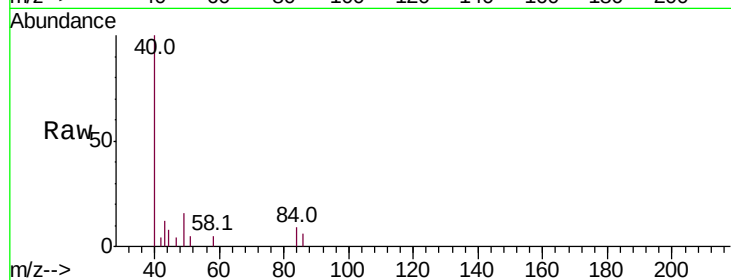
Tot Ion: 42 Resp: 54

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 207.8 6.9 10.3#



#5

2-Fluorophenol

Concen: 39.815 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

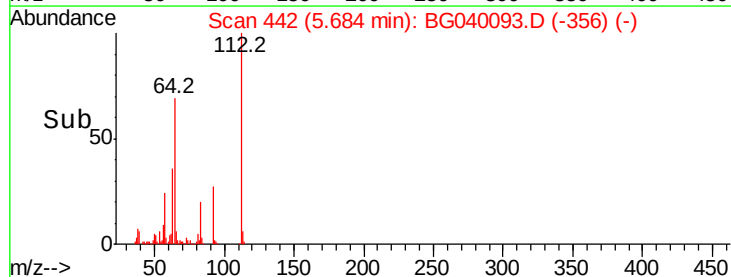
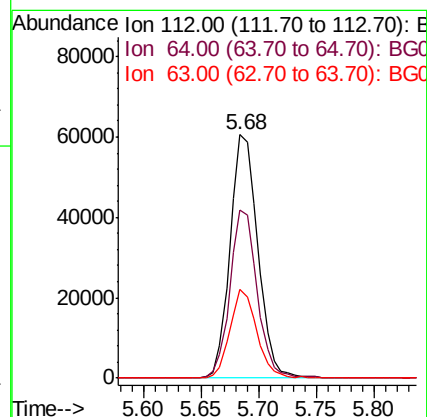
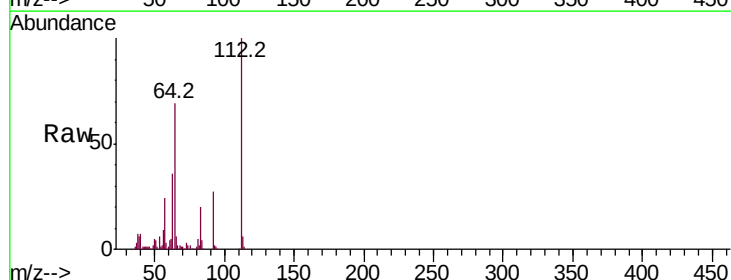
Tgt Ion: 112 Resp: 101330

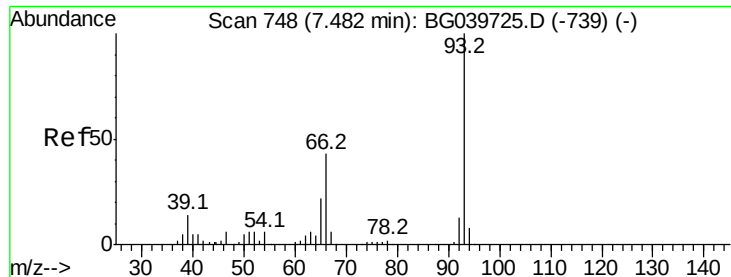
Ion Ratio Lower Upper

112 100

64 69.0 57.8 86.8

63 36.5 29.8 44.6





#6

Aniline

Concen: 0.039 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.17 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

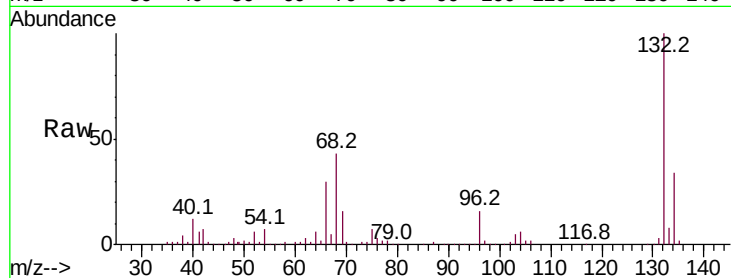
Tot Ion: 93 Resp: 195

Ion Ratio Lower Upper

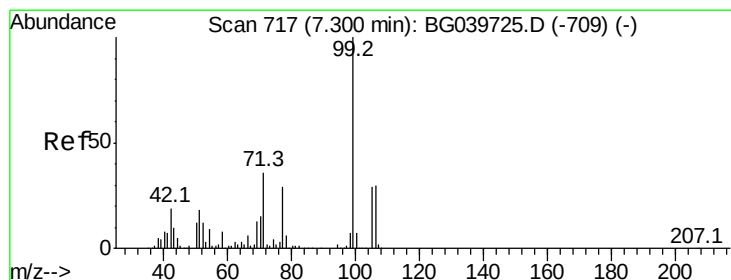
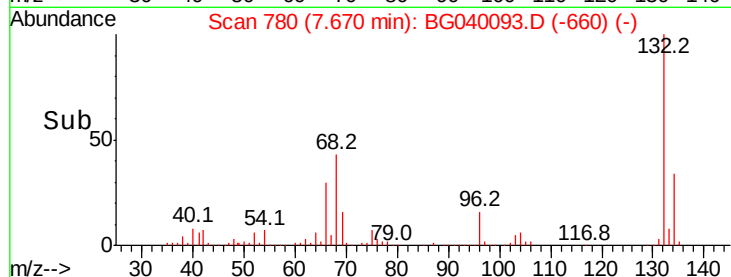
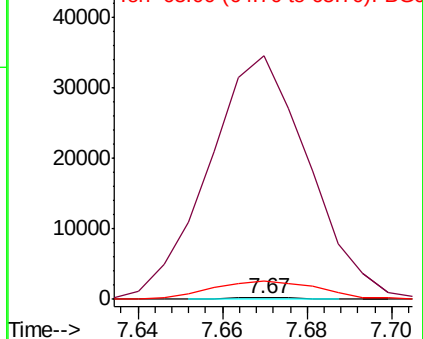
93 100

66 16831.2 34.2 51.4#

65 1231.7 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: 24.517 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

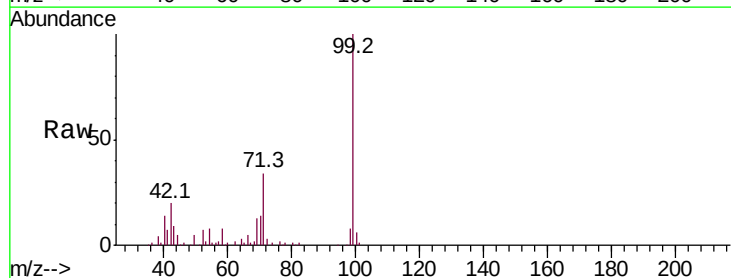
Tgt Ion: 99 Resp: 93034

Ion Ratio Lower Upper

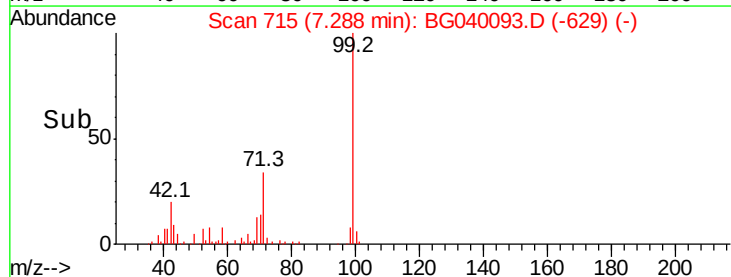
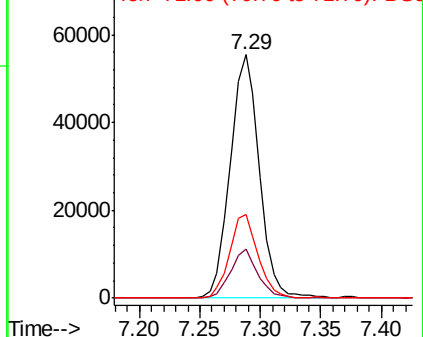
99 100

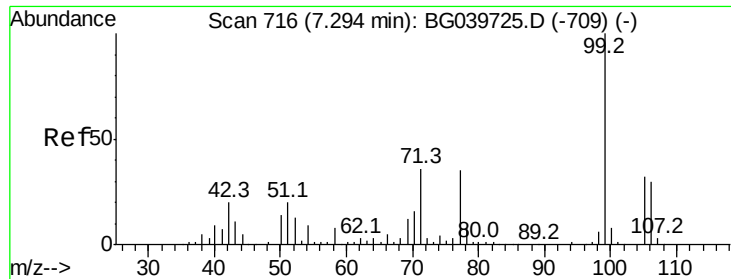
42 20.0 18.2 27.2

71 34.2 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

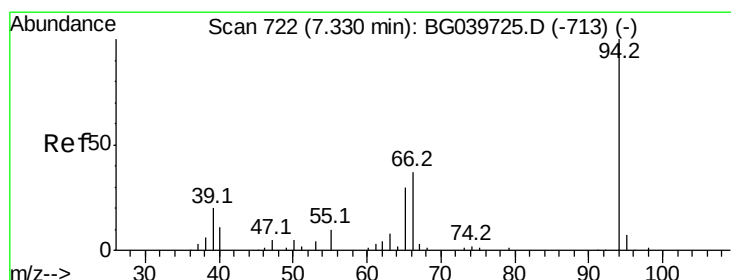
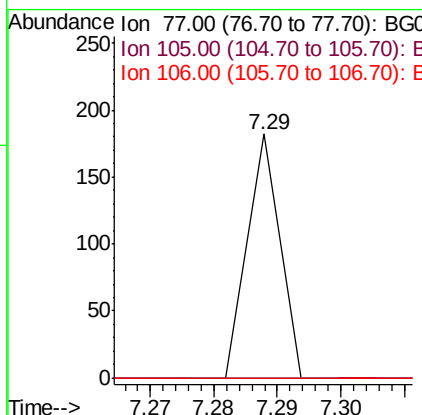
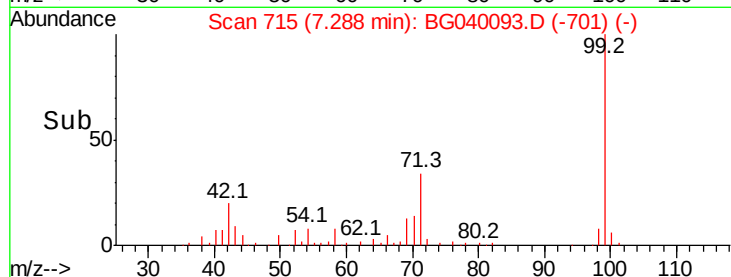
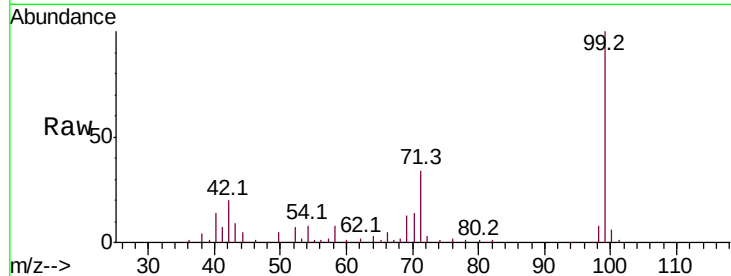




#9
Benzaldehyde
Concen: 0.026 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

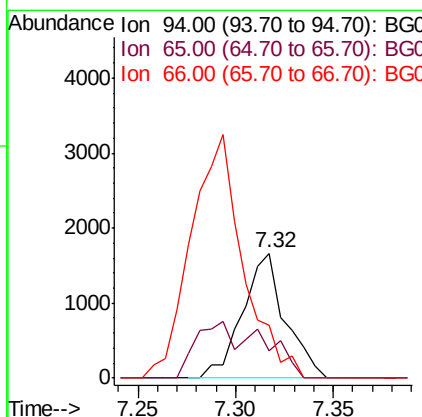
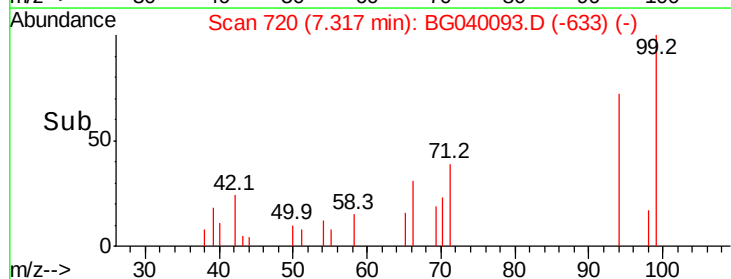
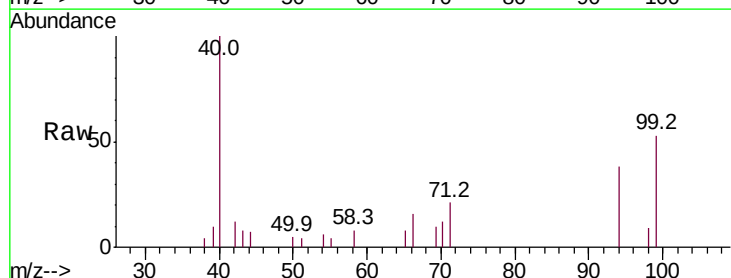
Instrument :
BNA_G
ClientSampled :

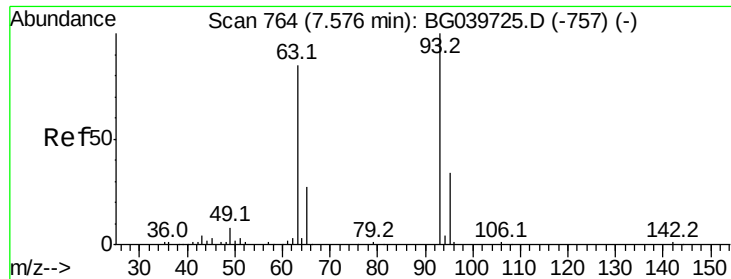
Tot Ion: 77 Resp: 64
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#



#10
Phenol
Concen: 0.614 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Tgt Ion: 94 Resp: 2523
Ion Ratio Lower Upper
94 100
65 21.7 11.7 51.7
66 42.8 23.7 63.7

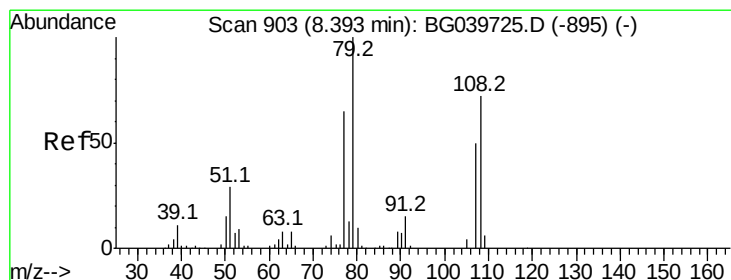
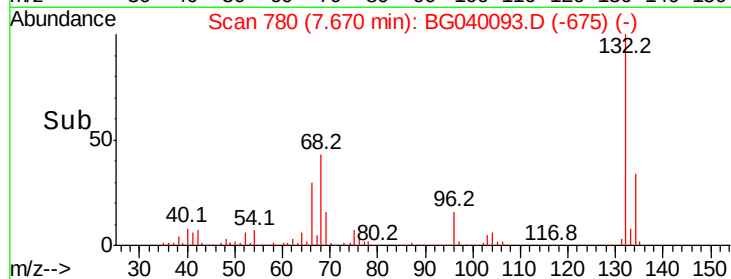
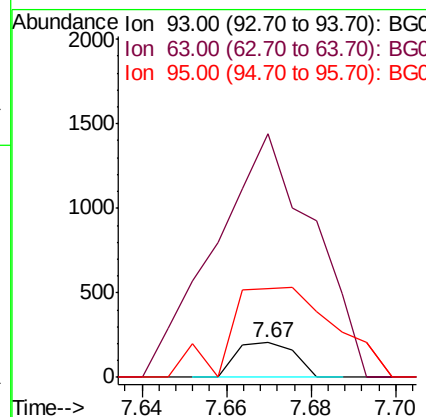
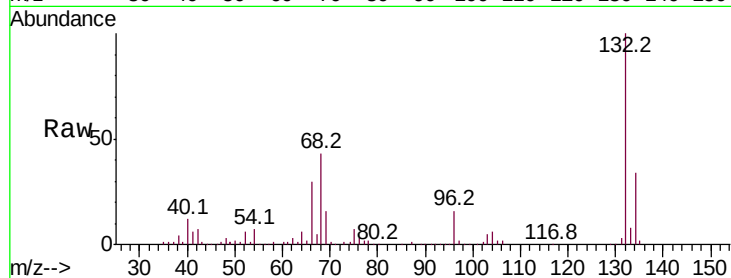




#11
 bis(2-Chloroethyl)ether
 Concen: 0.061 ng
 RT: 7.67 min Scan# 780
 Delta R.T. 0.09 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

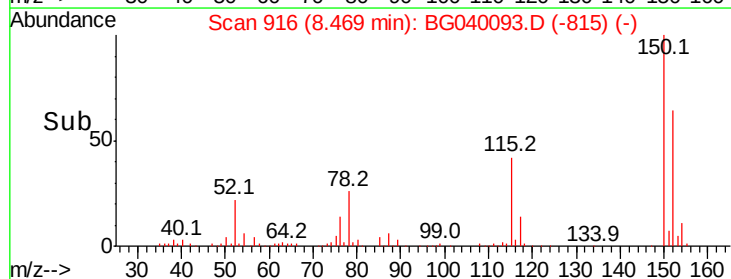
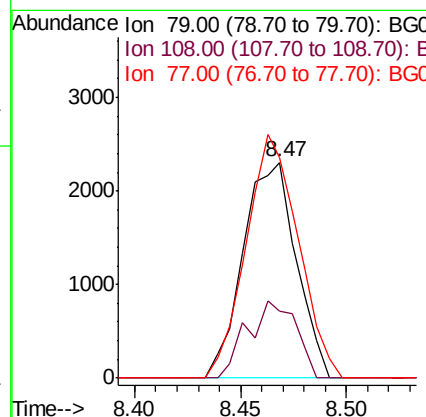
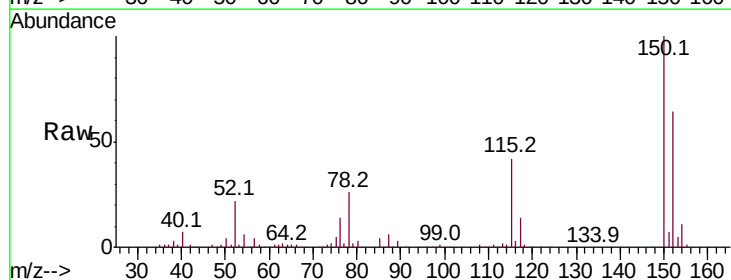
Instrument :
 BNA_G
 ClientSampleId :

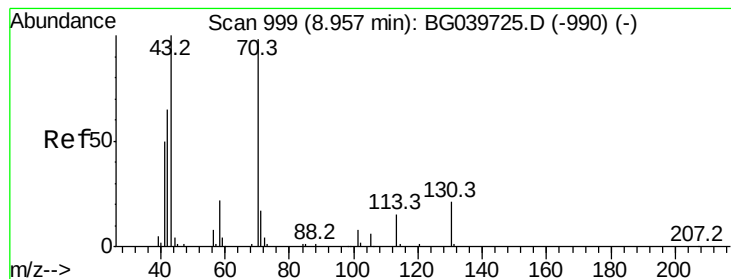
Tot Ion: 93 Resp: 195
 Ion Ratio Lower Upper
 93 100
 63 702.9 69.5 109.5#
 95 257.1 12.7 52.7#



#15
 Benzyl Alcohol
 Concen: 1.336 ng
 RT: 8.47 min Scan# 916
 Delta R.T. 0.06 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Tgt Ion: 79 Resp: 4022
 Ion Ratio Lower Upper
 79 100
 108 30.9 57.8 86.6#
 77 102.0 51.1 76.7#





#19

n-Nitroso-di-n-propylamine

Concen: 13.666 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 37326

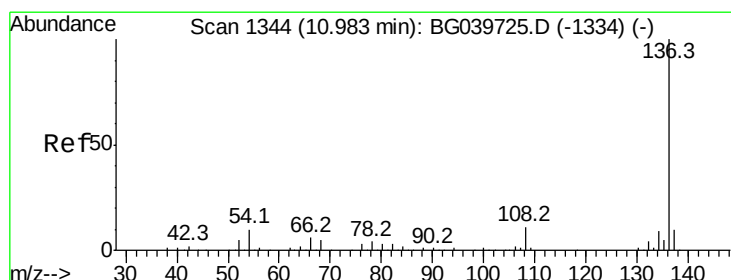
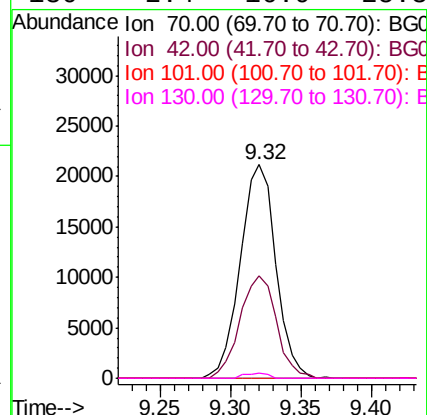
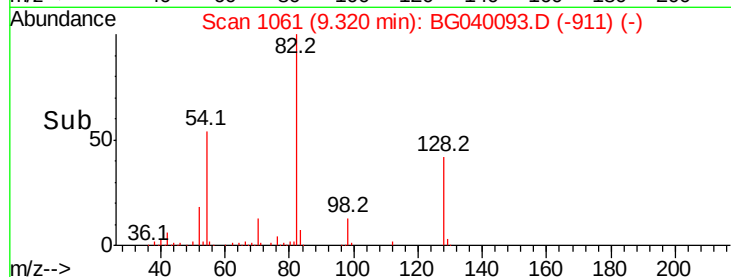
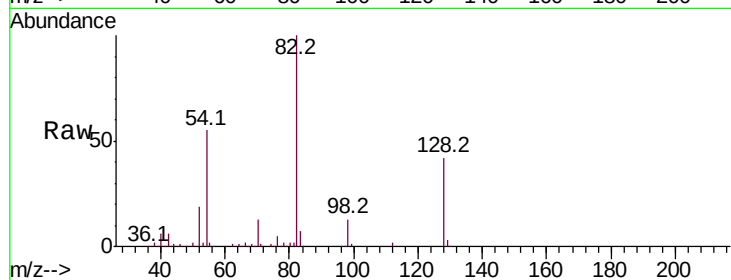
Ion Ratio Lower Upper

70 100

42 47.9 60.4 90.6#

101 0.0 7.5 11.3#

130 2.4 16.9 25.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Tgt Ion: 136 Resp: 196474

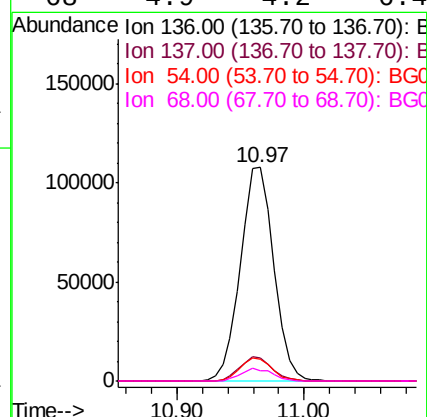
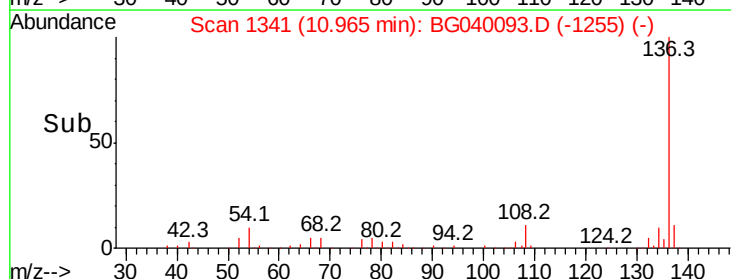
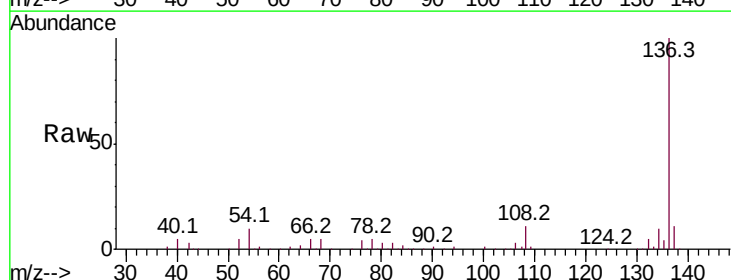
Ion Ratio Lower Upper

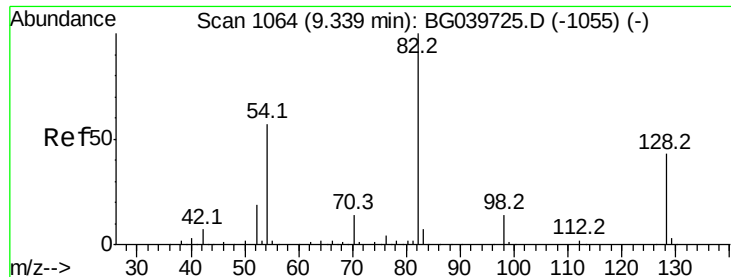
136 100

137 10.5 9.1 13.7

54 10.4 9.4 14.2

68 4.9 4.2 6.4

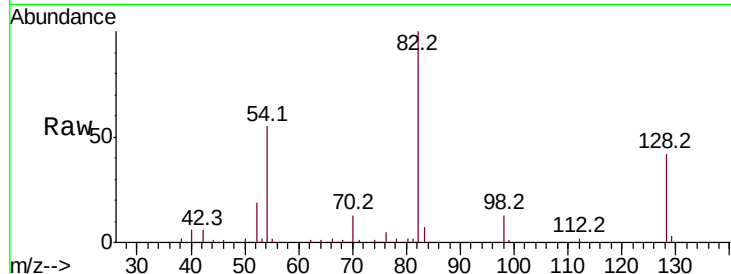




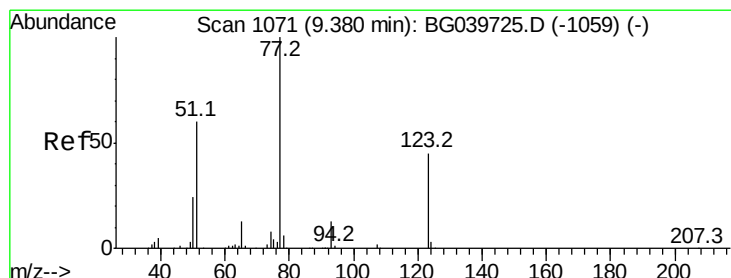
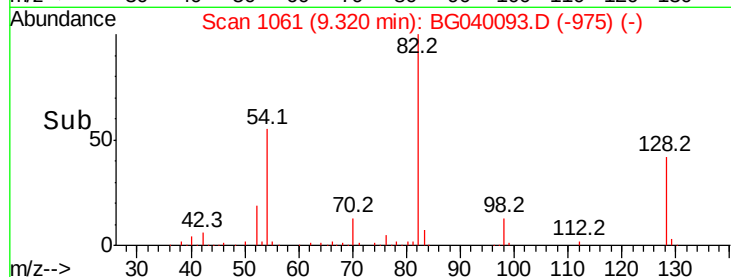
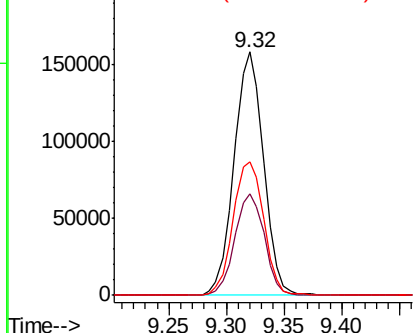
#23
Nitrobenzene-d5
Concen: 76.800 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	278997
Ion Ratio	100	Lower	Upper
128	41.9	31.3	46.9
54	54.7	50.9	76.3

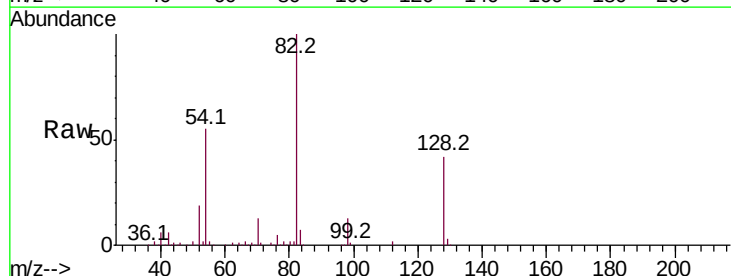


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

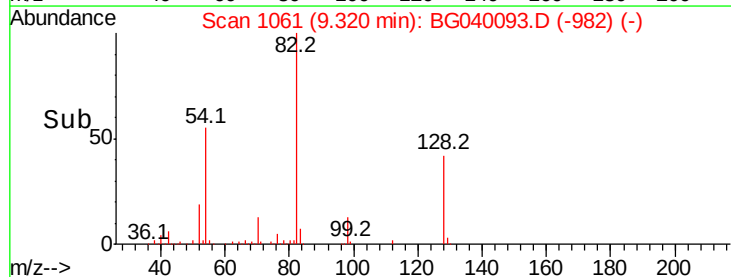
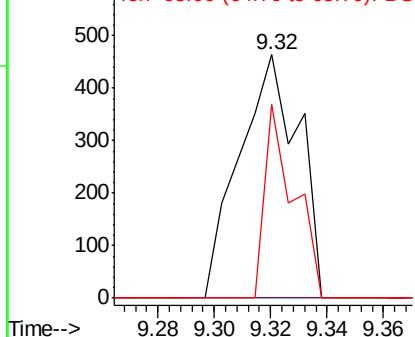


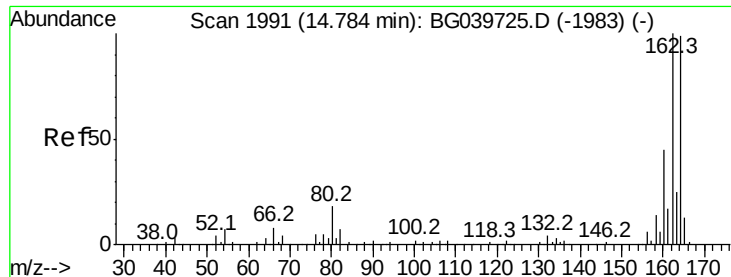
#24
Nitrobenzene
Concen: 0.177 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.07 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Tgt Ion	77	Resp	674
Ion Ratio	100	Lower	Upper
123	0.0	34.1	51.1#
65	79.5	12.3	18.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

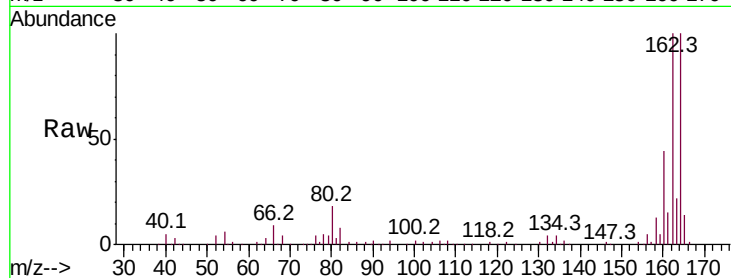
Tot Ion:164 Resp: 142797

Ion Ratio Lower Upper

164 100

162 100.0 81.6 122.4

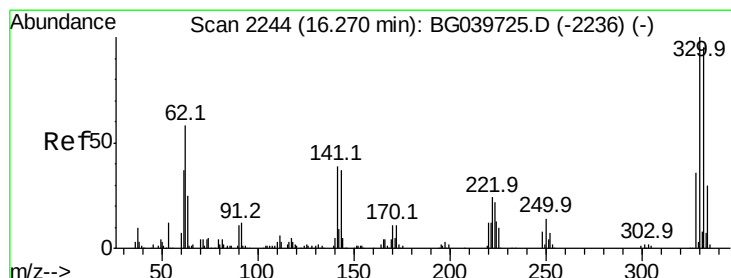
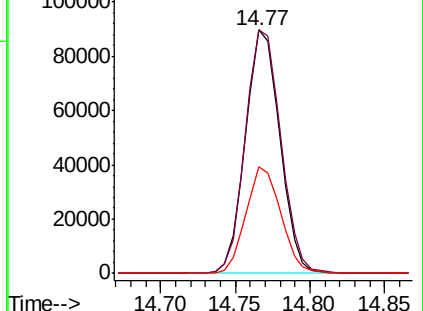
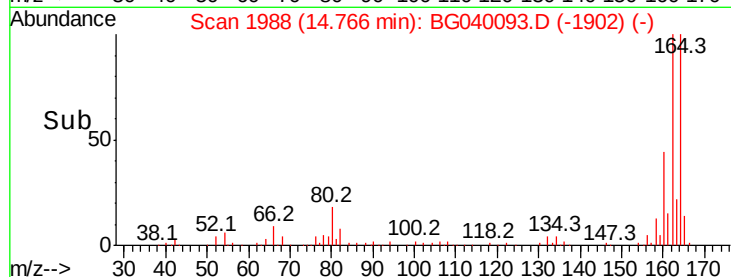
160 43.7 34.2 51.2



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: 78.738 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

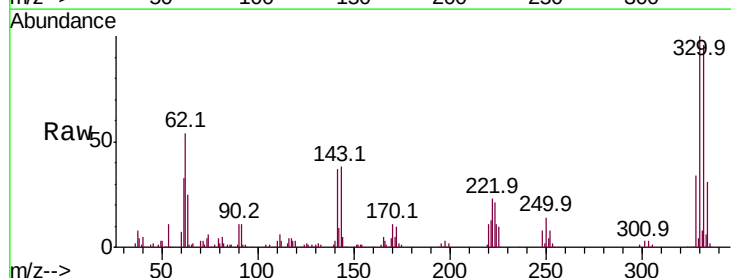
Tgt Ion:330 Resp: 131052

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

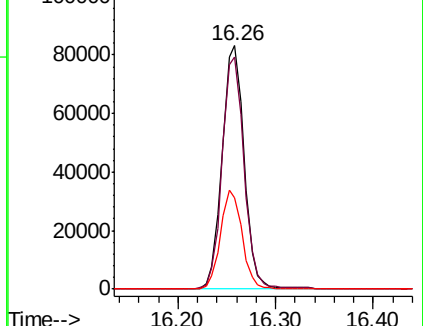
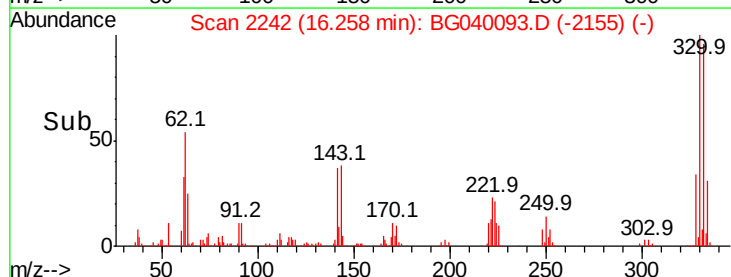
141 39.6 35.6 53.4

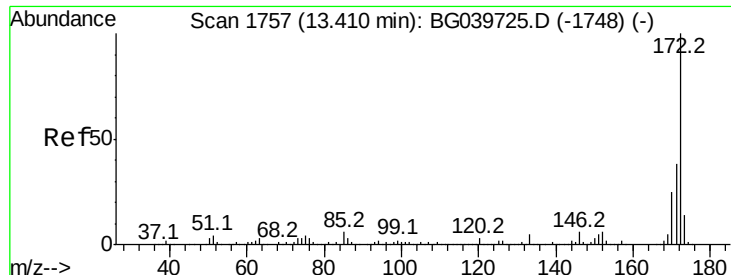


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

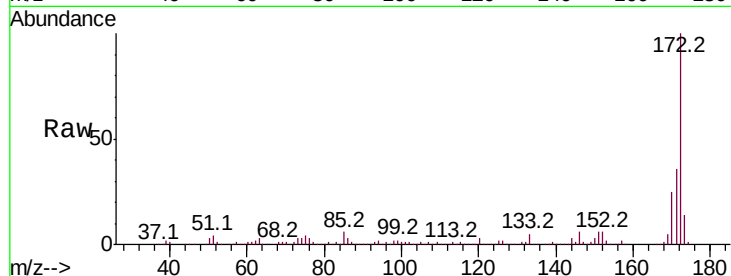




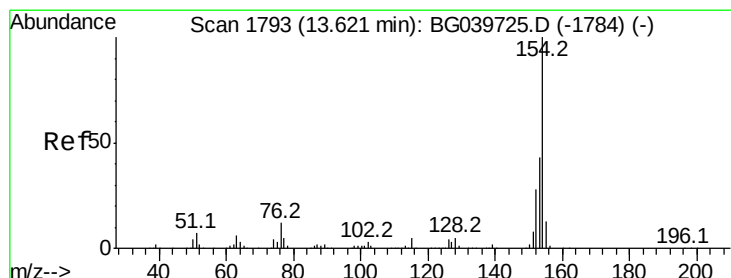
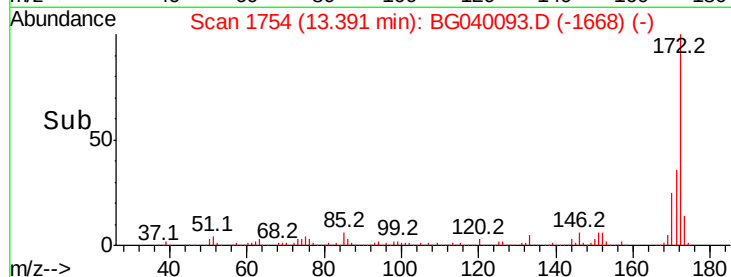
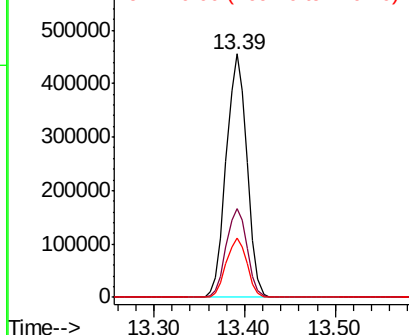
#45
 2-Fluorobiphenyl
 Concen: 71.919 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 721283
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.8 46.2
 170 24.5 20.2 30.4

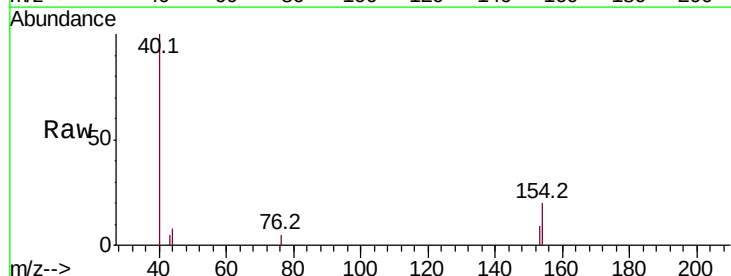


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

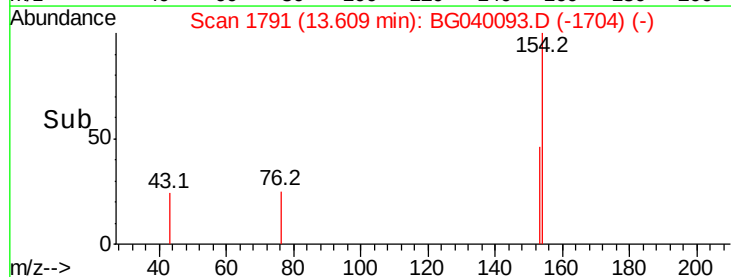
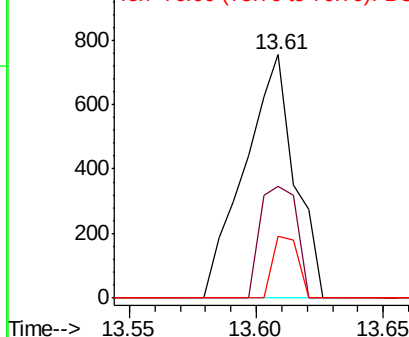


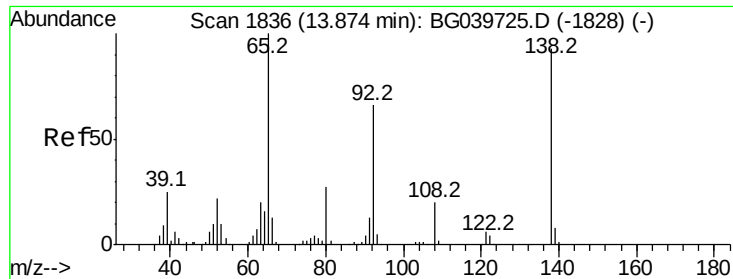
#46
 1,1'-Biphenyl
 Concen: 0.088 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Tgt Ion:154 Resp: 1033
 Ion Ratio Lower Upper
 154 100
 153 45.8 22.1 62.1
 76 25.4 0.0 32.4



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





#48

2-Nitroaniline

Concen: 0.481 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.49 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

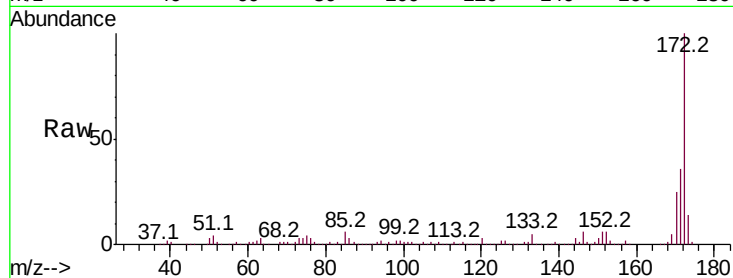
Tot Ion: 65 Resp: 1366

Ion Ratio Lower Upper

65 100

92 187.9 51.4 77.2#

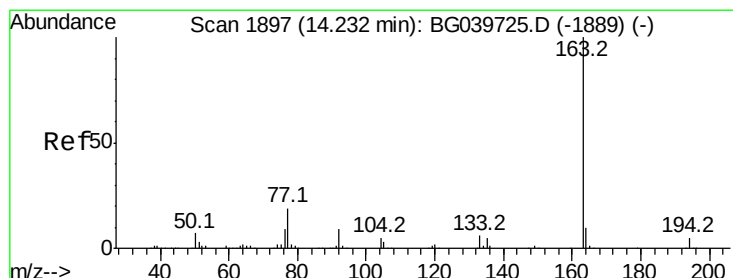
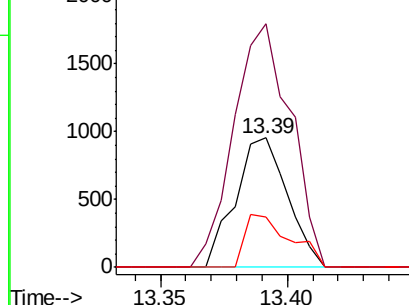
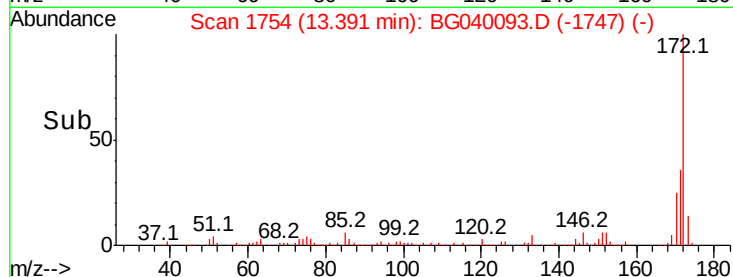
138 39.2 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#50

Dimethylphthalate

Concen: 0.530 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

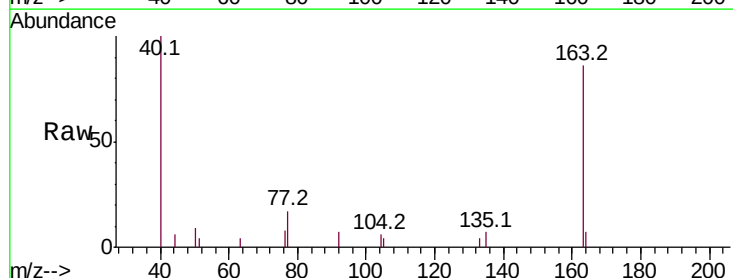
Tgt Ion: 163 Resp: 6325

Ion Ratio Lower Upper

163 100

194 0.0 3.6 5.4#

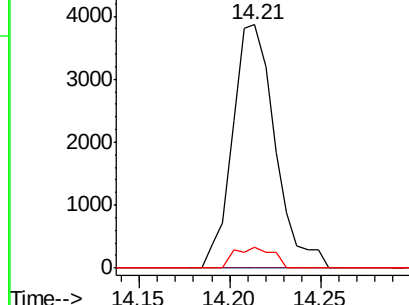
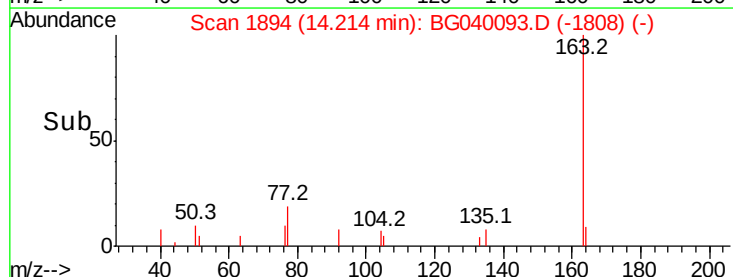
164 8.7 8.4 12.6

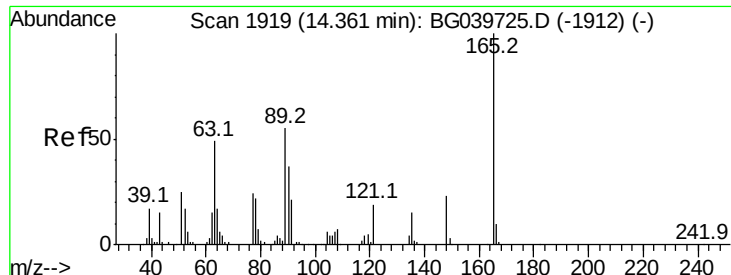


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC





#51

2,6-Dinitrotoluene

Concen: 7.123 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

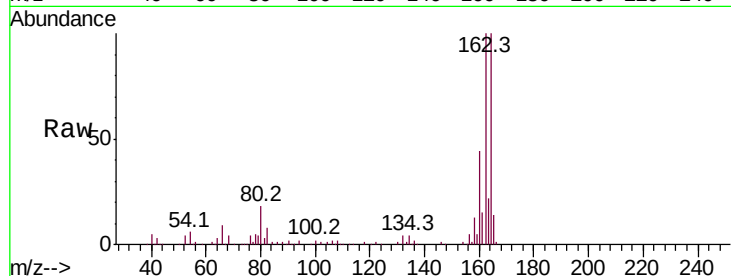
Tot Ion:165 Resp: 18031

Ion Ratio Lower Upper

165 100

63 1.3 47.0 70.6#

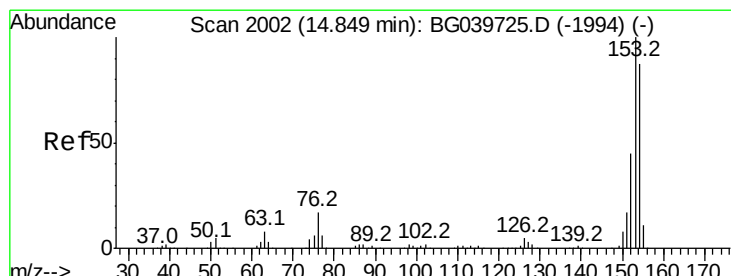
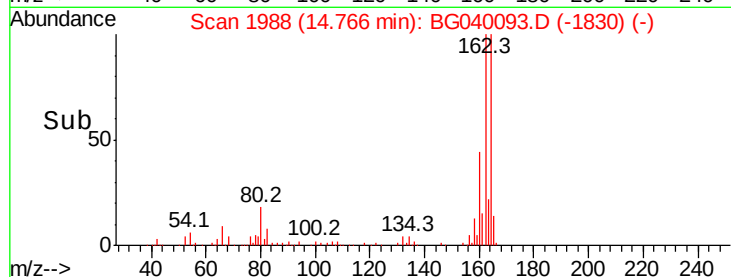
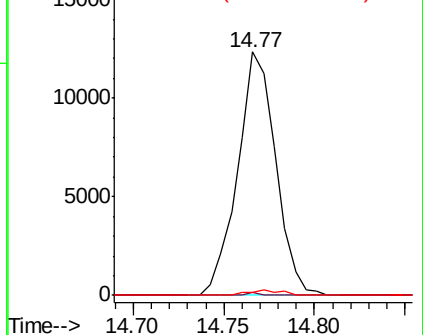
89 1.4 45.8 68.8#



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: 0.072 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.09 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

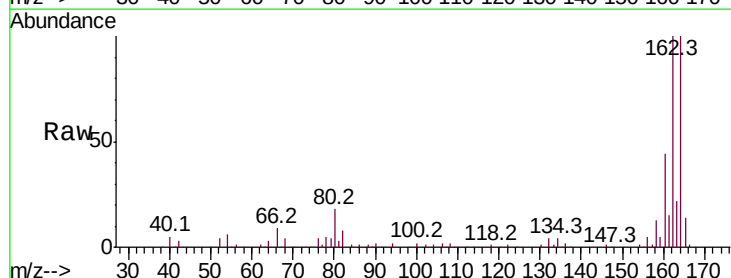
Tgt Ion:154 Resp: 625

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

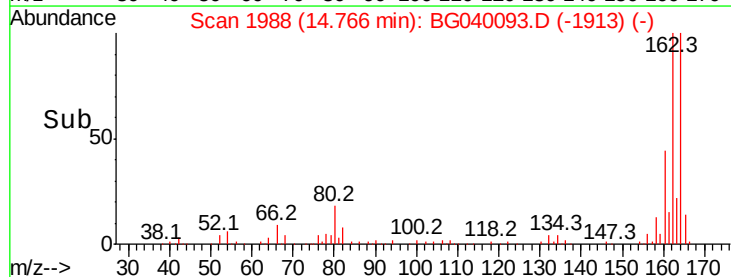
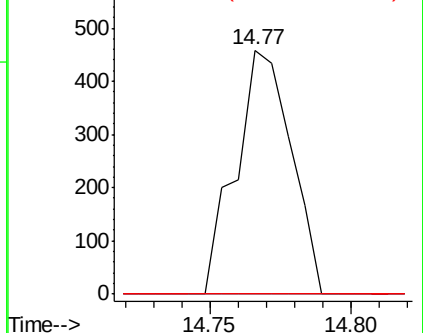
152 0.0 40.9 61.3#

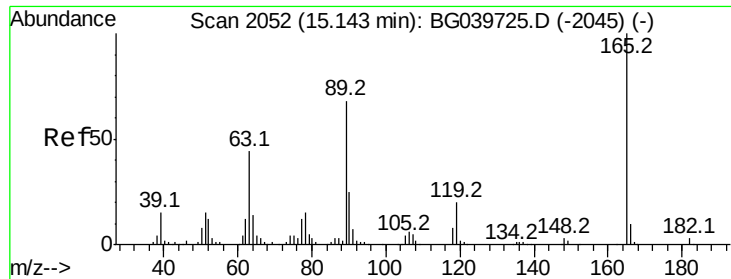


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

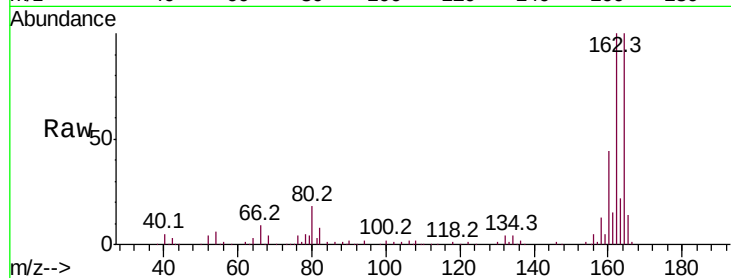




#57
 2,4-Dinitrotoluene
 Concen: 5.069 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.0	61.6#
89	1.4	64.6	96.8#
182	0.0	2.0	3.0#



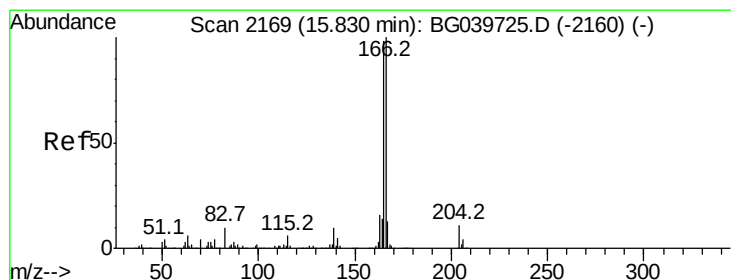
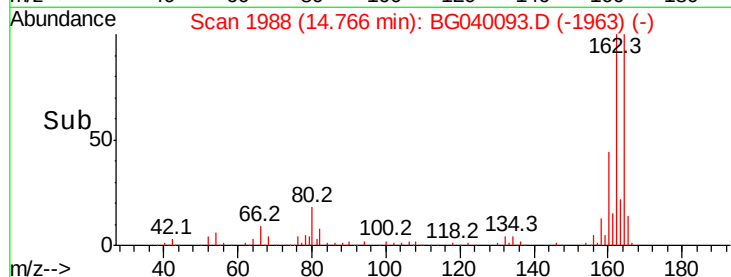
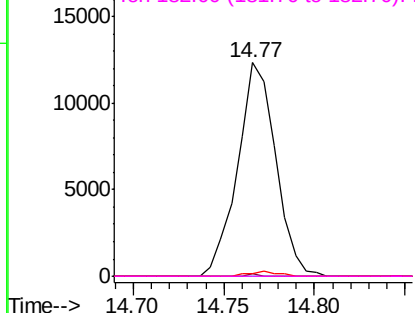
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

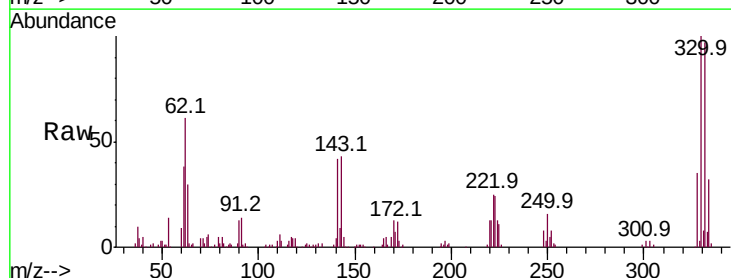
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 0.503 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.42 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	81.8	77.9	116.9
167	21.2	10.8	16.2#

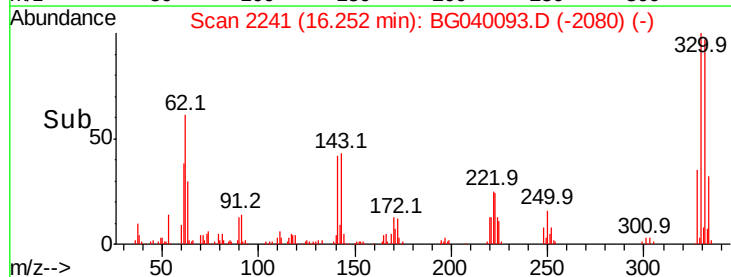
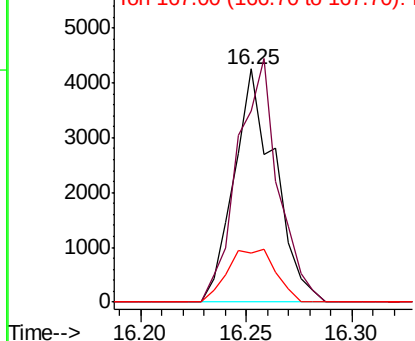


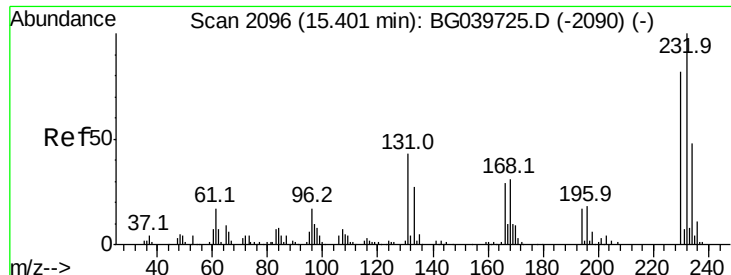
Abundance

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

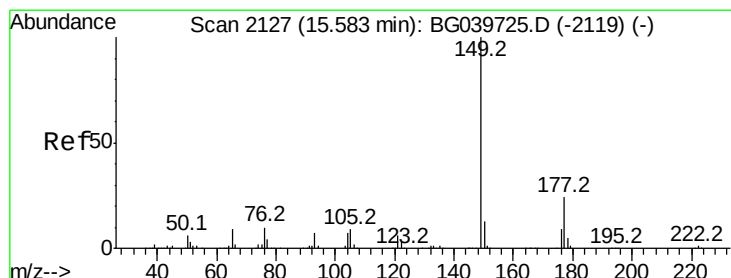
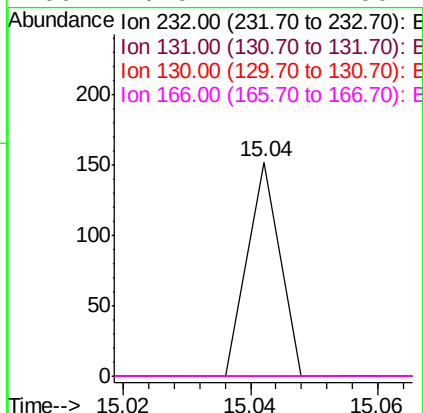
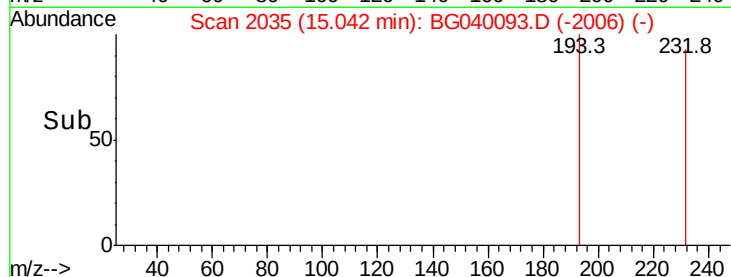
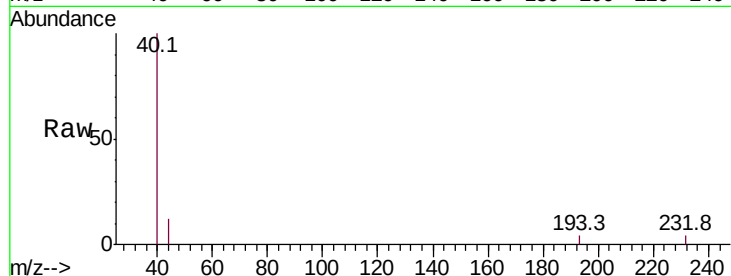




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.017 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.36 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

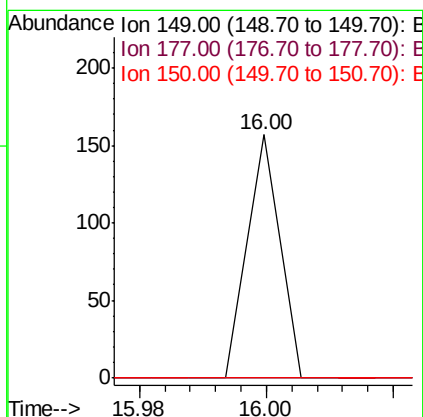
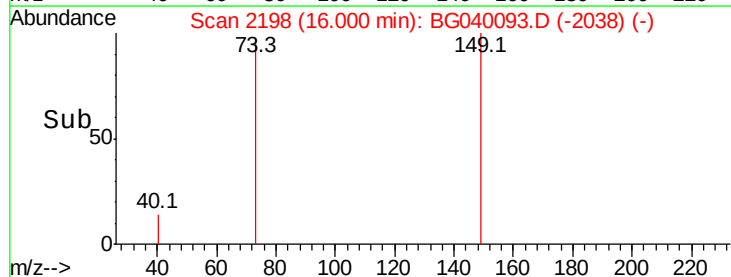
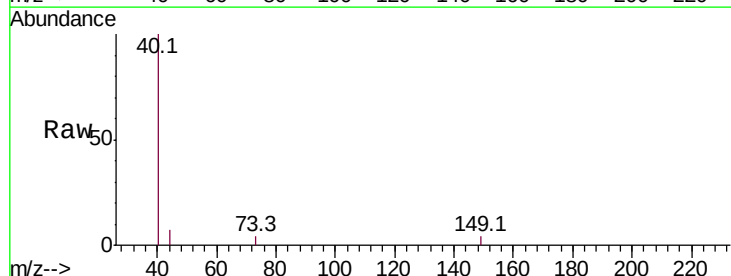
Instrument :
 BNA_G
 ClientSampleId :

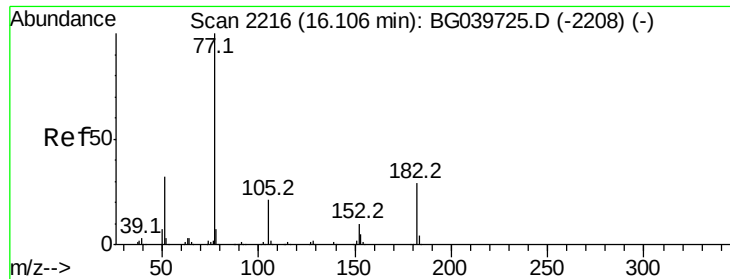
Tot Ion	Ratio	Lower	Upper
232	100		
131	0.0	34.9	52.3#
130	0.0	2.0	3.0#
166	0.0	24.1	36.1#



#60
 Diethylphthalate
 Concen: 0.005 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. 0.41 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#

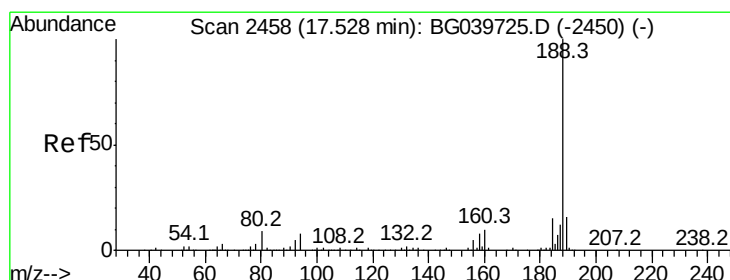
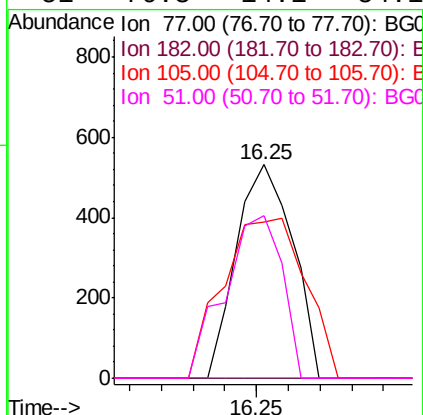
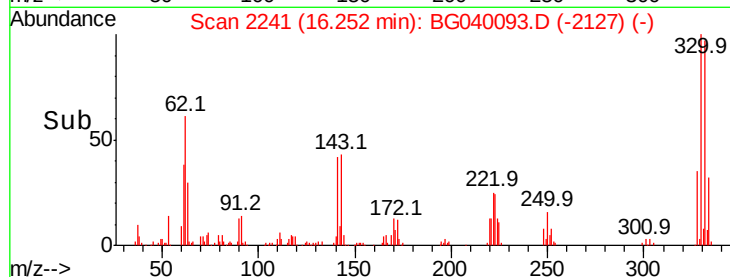
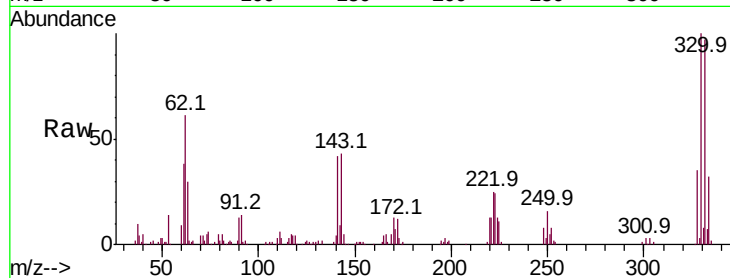




#63
Azobenzene
Concen: 0.061 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.14 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

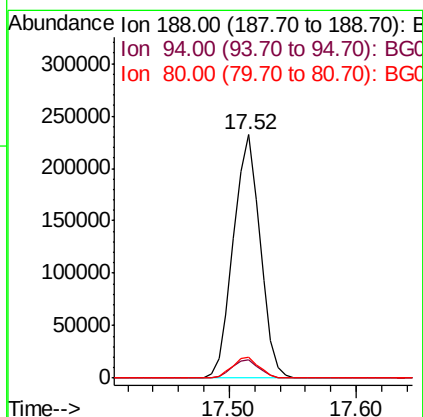
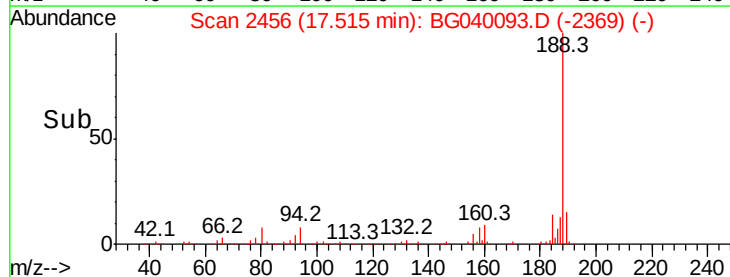
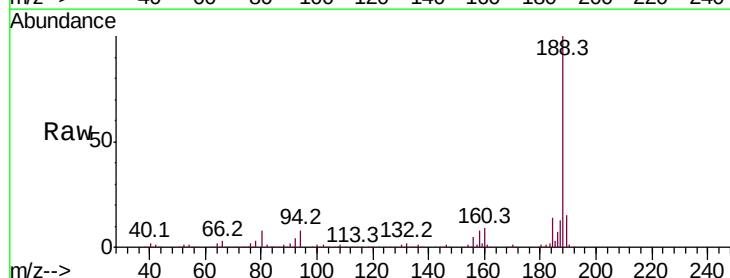
Instrument :
BNA_G
ClientSampleId :

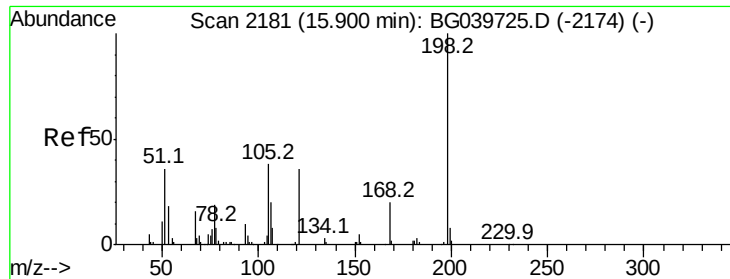
Tot Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	73.1	0.0	39.8#
51	76.3	14.1	54.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.5	8.1	12.1

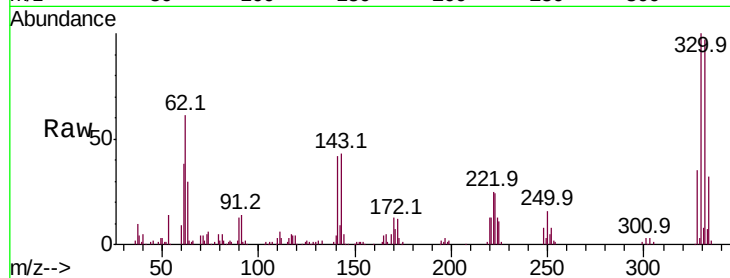




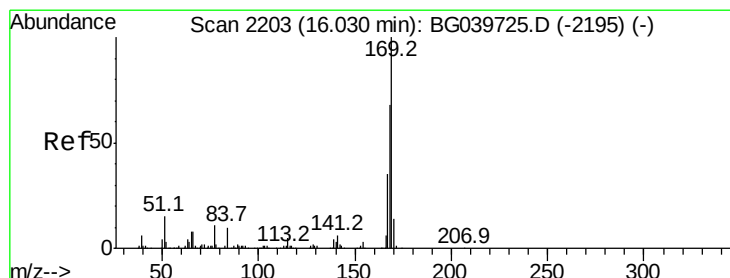
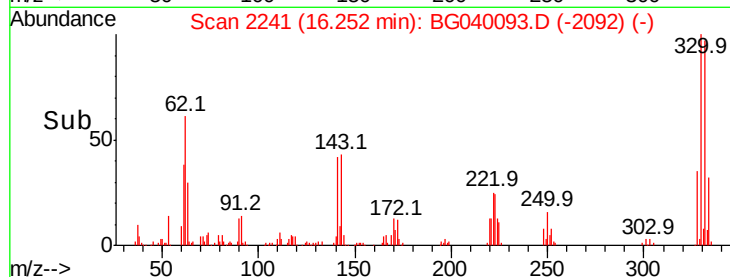
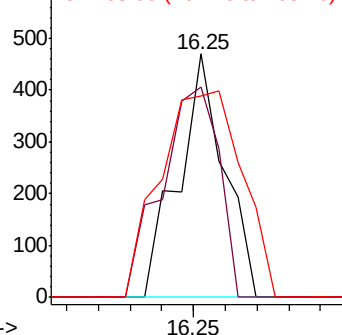
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.235 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.35 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	86.4	27.4	67.4#
105	82.8	19.7	59.7#

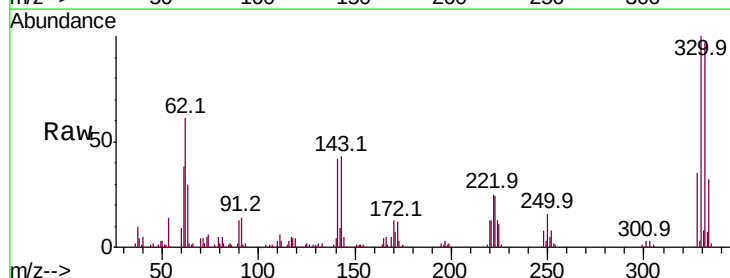


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

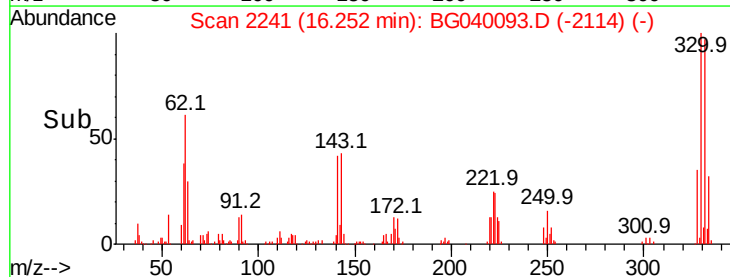
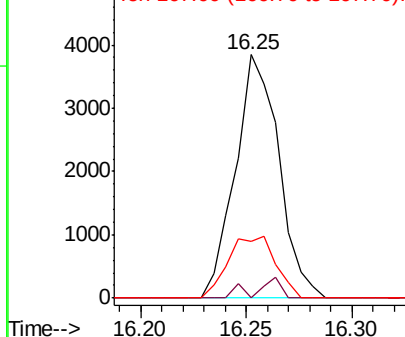


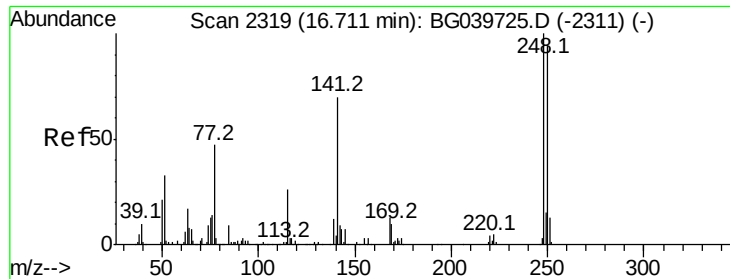
#66
 n-Nitrosodiphenylamine
 Concen: 0.559 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	56.6	85.0#
167	23.5	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

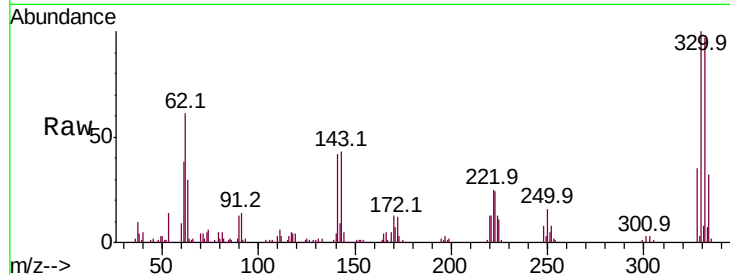




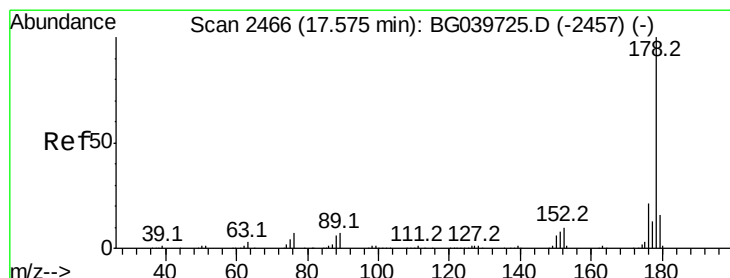
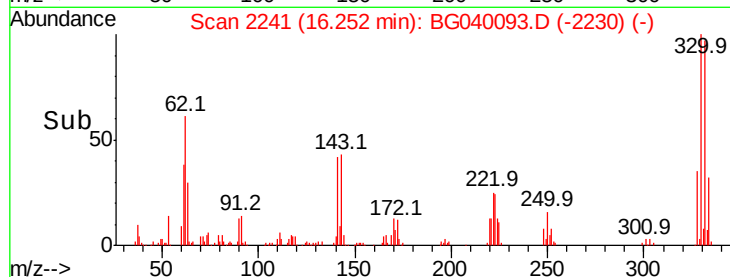
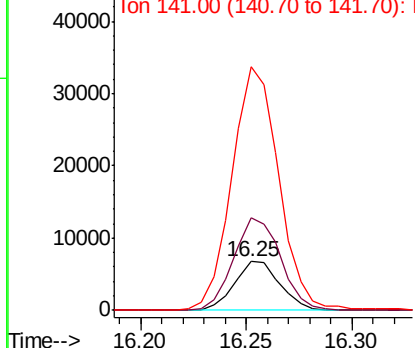
#67
 4-Bromophenyl-phenylether
 Concen: 2.643 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.47 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10020
 Ion Ratio Lower Upper
 248 100
 250 190.2 77.6 116.4#
 141 502.8 63.9 95.9#

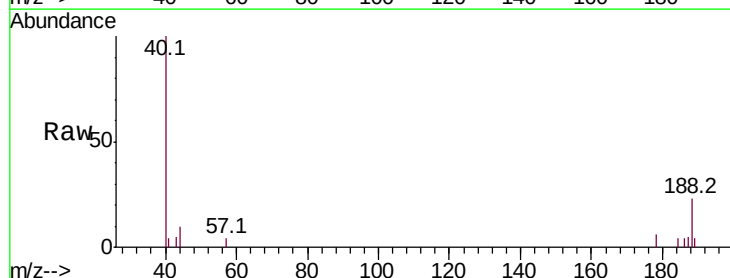


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

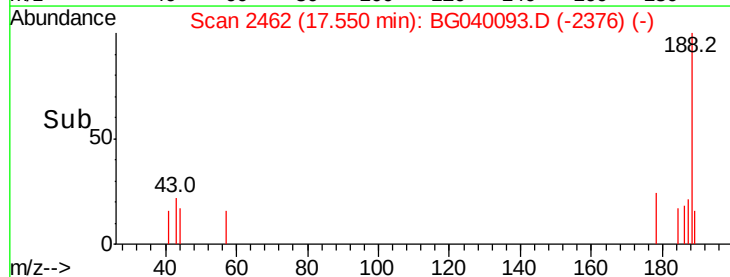
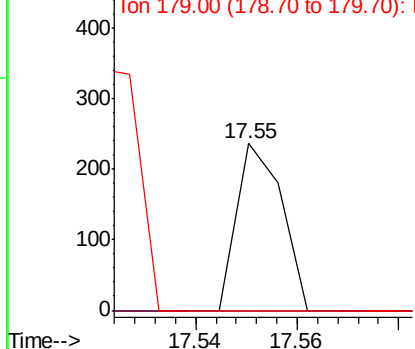


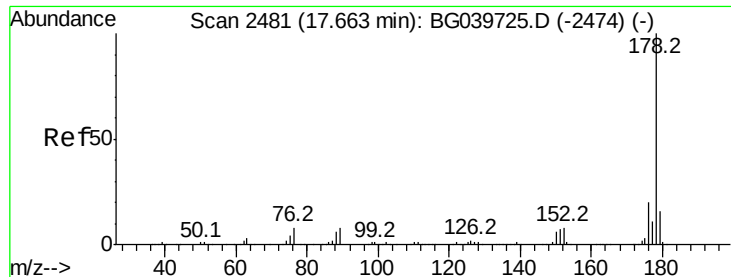
#71
 Phenanthrene
 Concen: 0.008 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Tgt Ion:178 Resp: 147
 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: 0.008 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.12 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampled :

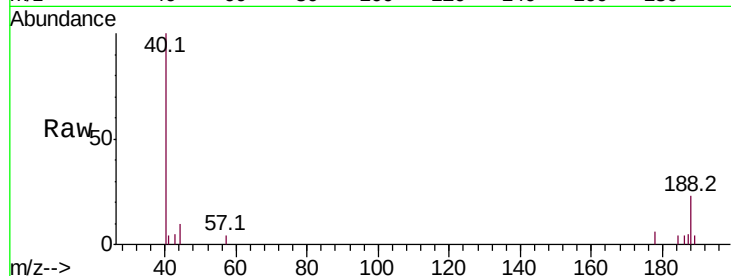
Tot Ion:178 Resp: 147

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

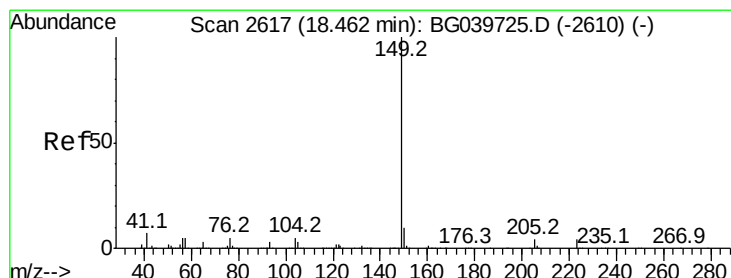
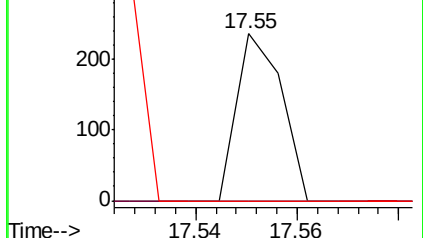
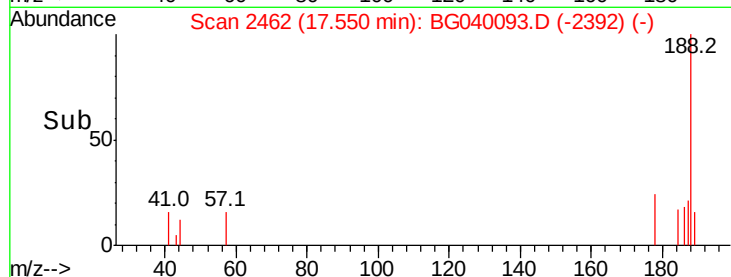
179 0.0 12.5 18.7#



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



#74

Di-n-butylphthalate

Concen: 0.036 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

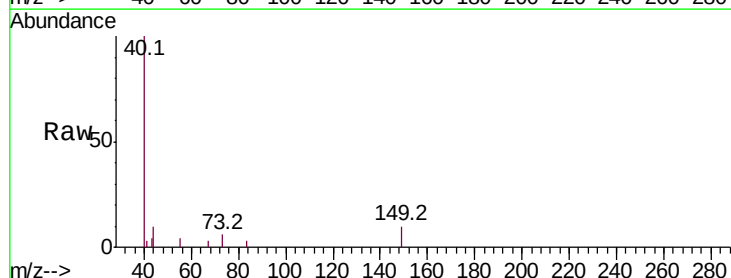
Tgt Ion:149 Resp: 699

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

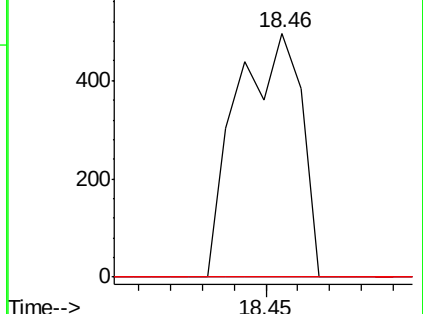
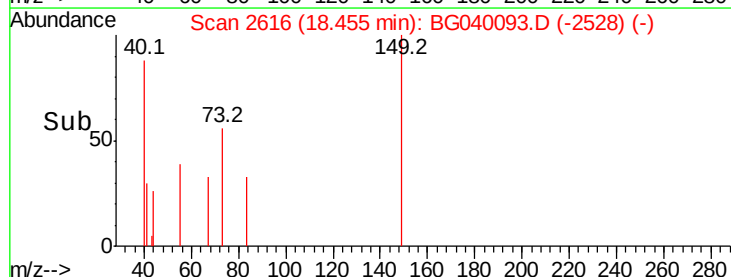
104 0.0 4.5 6.7#

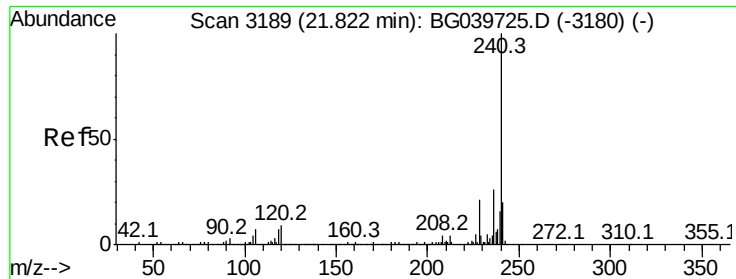


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

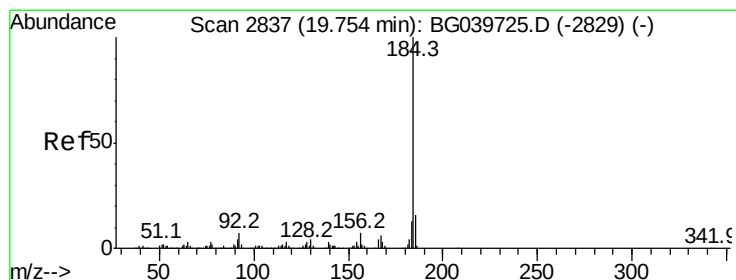
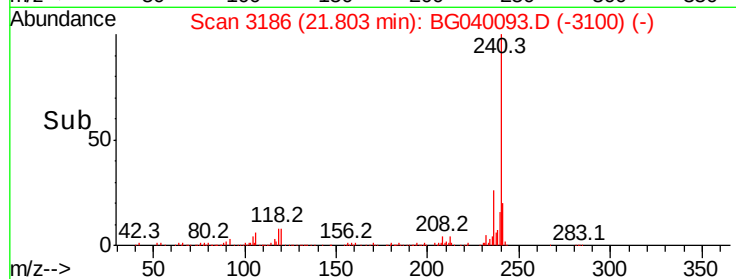
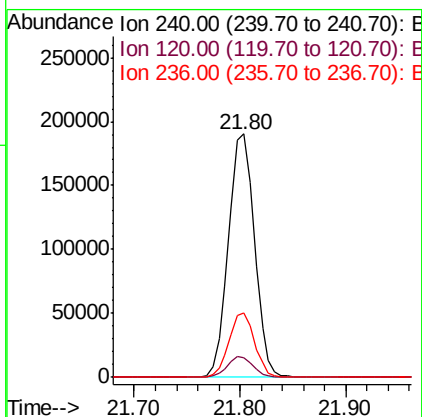
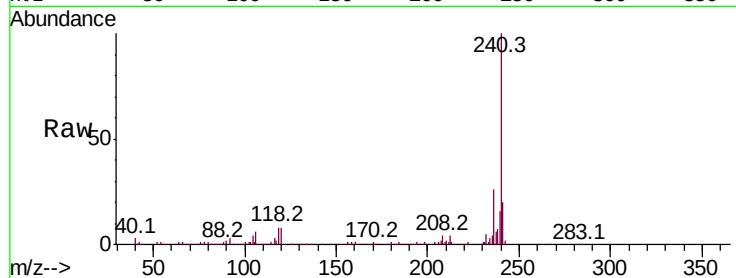




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

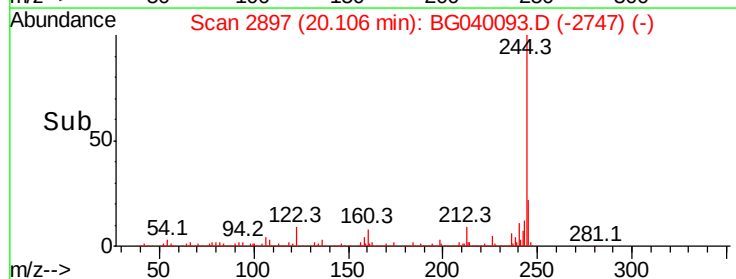
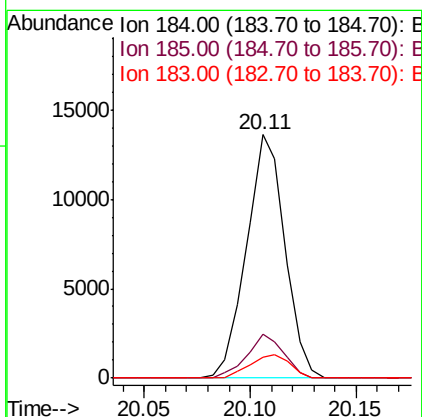
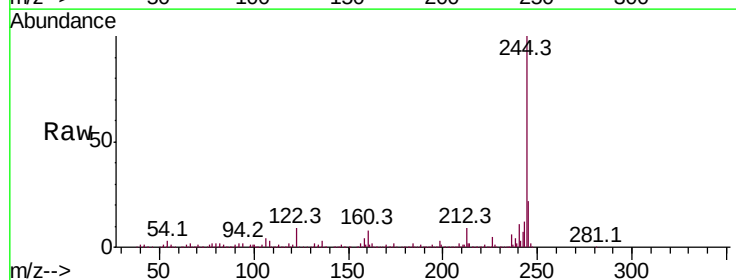
Instrument :
BNA_G
ClientSampleId :

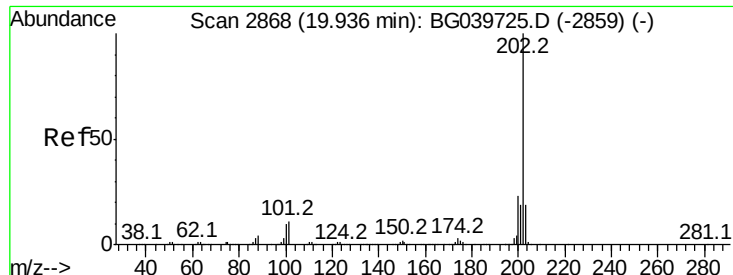
Tot Ion:240 Resp: 325082
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 26.4 21.0 31.4



#77
Benzidine
Concen: 1.669 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Tgt Ion:184 Resp: 17218
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 8.6 10.6 15.8#





#78

Pvrene

Concen: 0.180 ng

RT: 20.11 min Scan# 2898

Delta R.T. 0.17 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

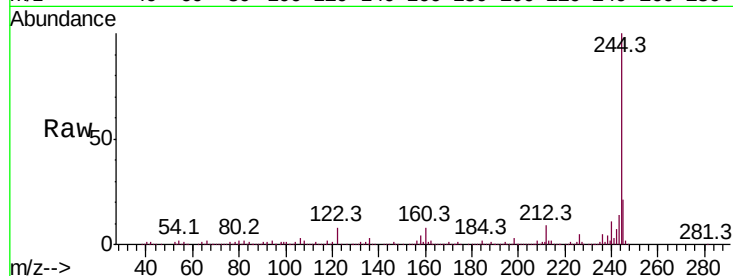
Tot Ion:202 Resp: 3804

Ion Ratio Lower Upper

202 100

200 36.7 17.8 26.8#

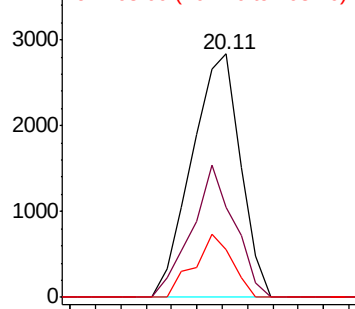
203 19.5 15.3 22.9



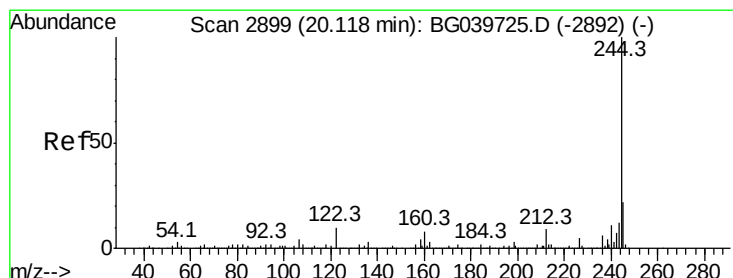
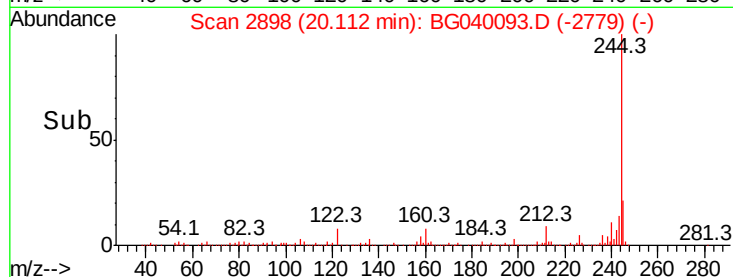
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 20.05 20.10 20.15



#79

Terphenyl-d14

Concen: 66.711 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

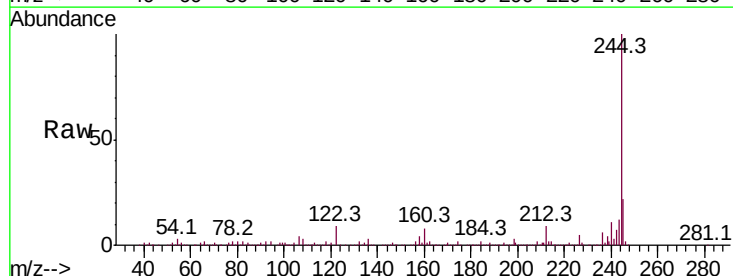
Tgt Ion:244 Resp: 984937

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

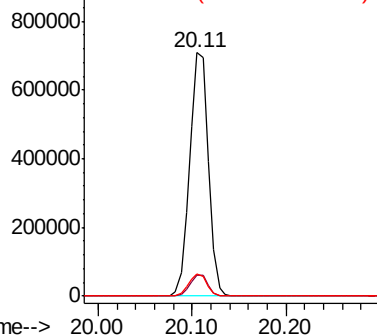
122 9.1 8.4 12.6



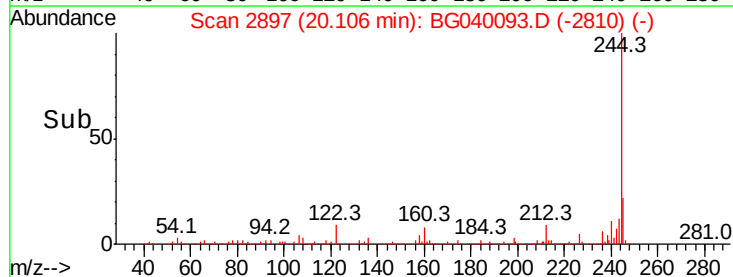
Abundance Ion 244.00 (243.70 to 244.70): E

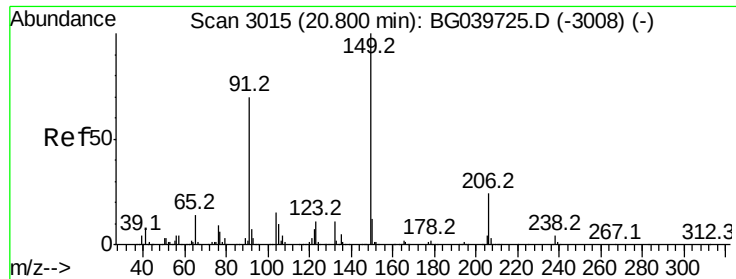
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10 20.20

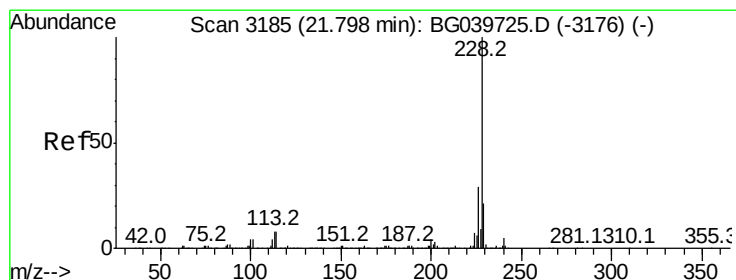
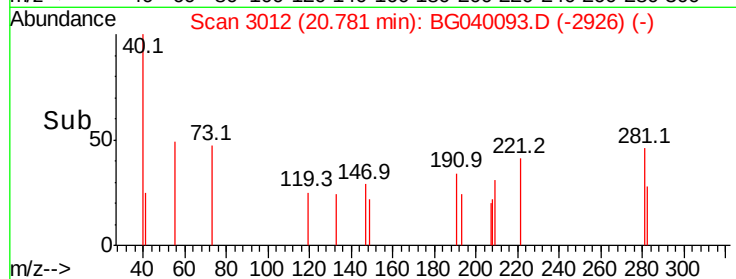
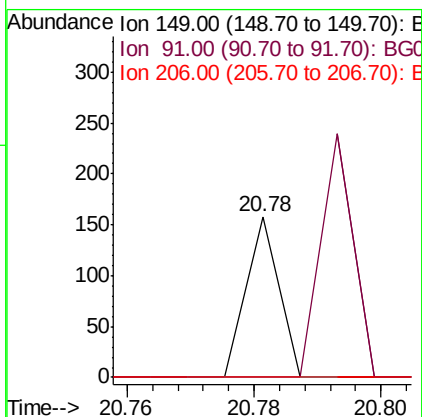
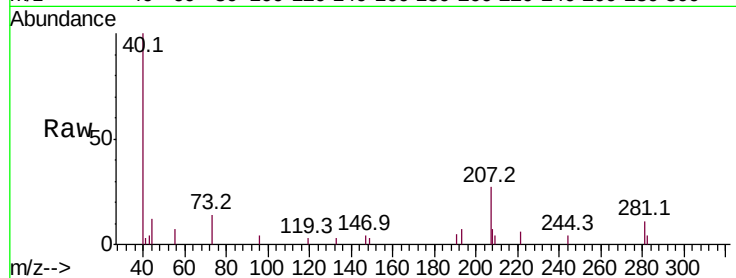




#80
 Butylbenzylphthalate
 Concen: 0.007 ng
 RT: 20.78 min Scan# 3012
 Delta R.T. -0.02 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

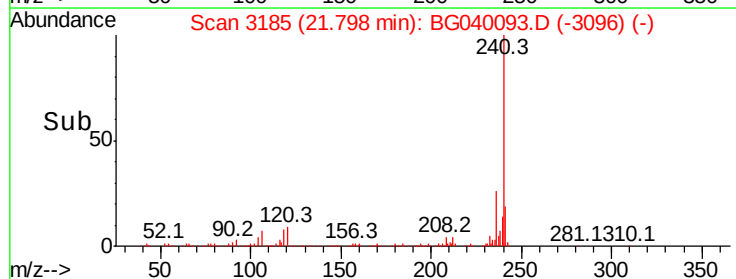
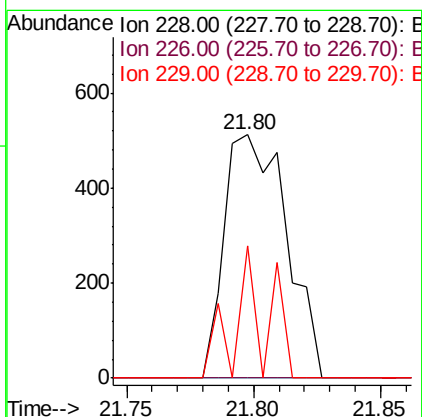
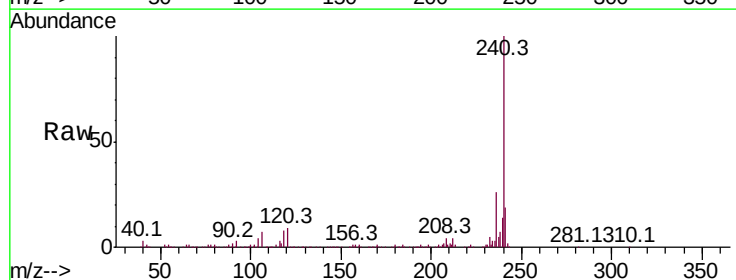
Instrument :
 BNA_G
 ClientSampleId :

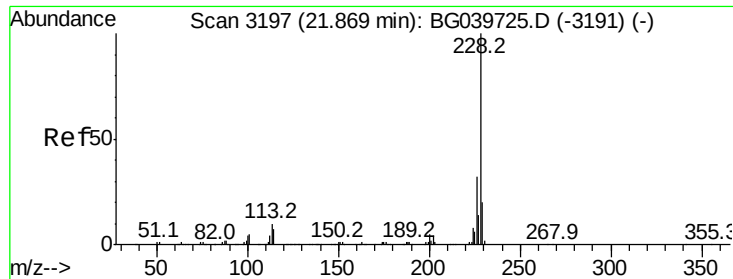
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



#81
 Benzo(a)anthracene
 Concen: 0.043 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.01 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	54.3	16.9	25.3#





#83

Chrysene

Concen: 0.044 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.08 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

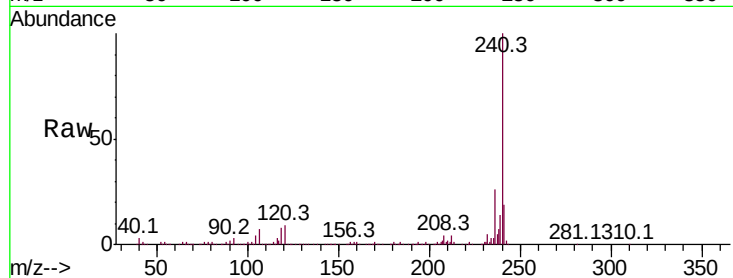
Tot Ion:228 Resp: 876

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

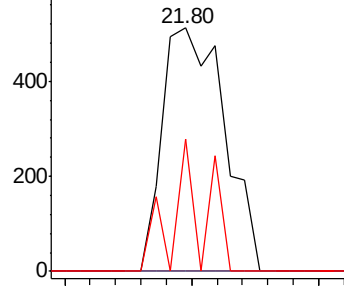
229 54.3 16.6 25.0#



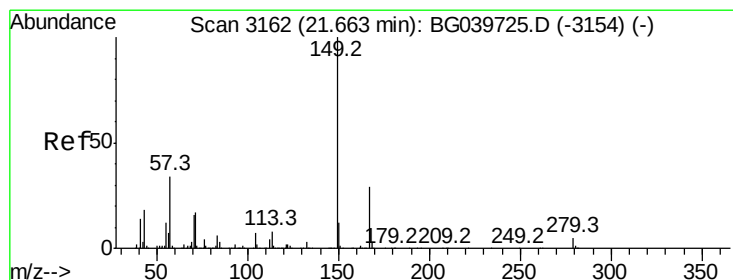
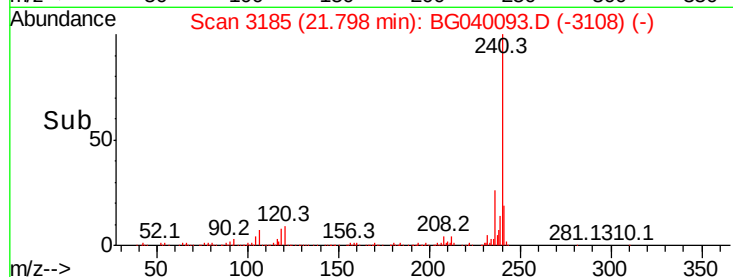
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.75 21.80 21.85



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

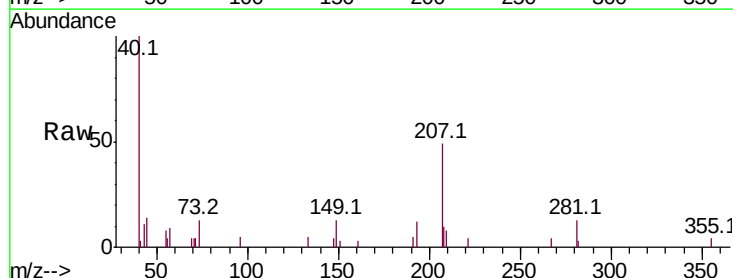
Tgt Ion:149 Resp: 893

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

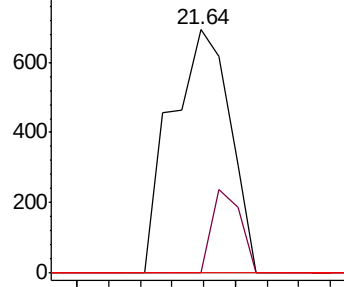
279 0.0 3.5 5.3#



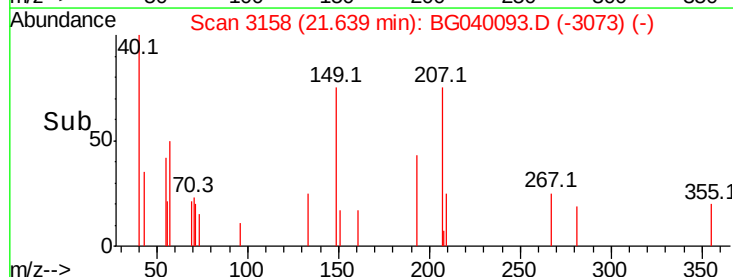
Abundance Ion 149.00 (148.70 to 149.70): E

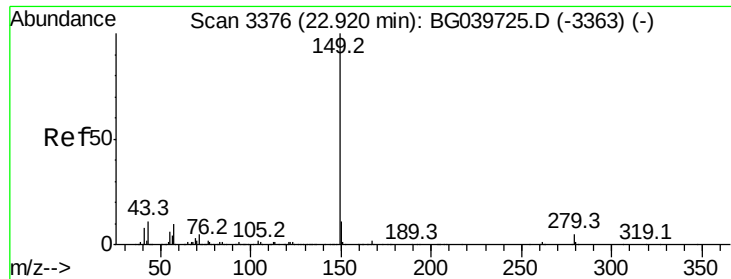
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.60 21.65

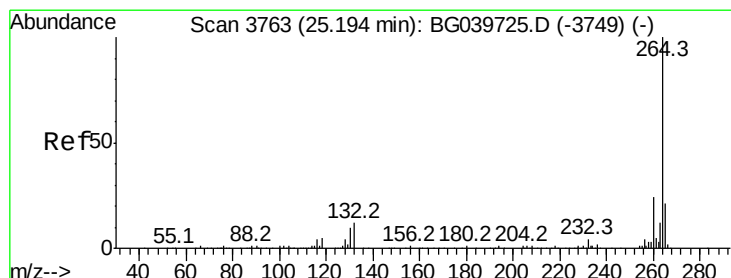
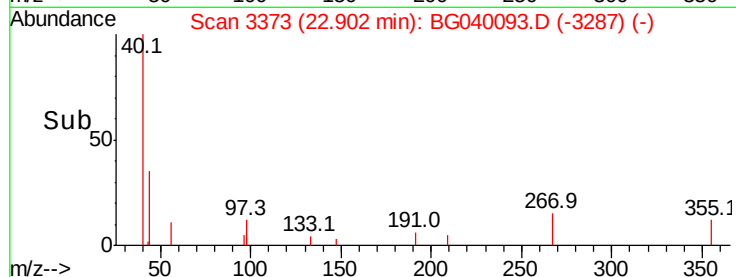
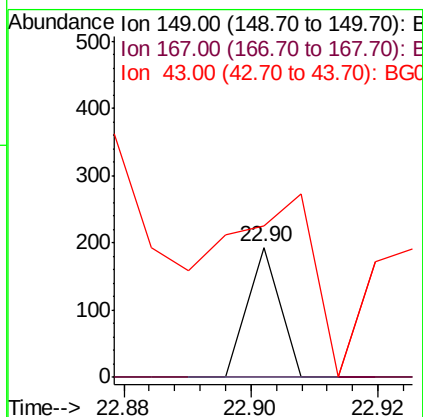
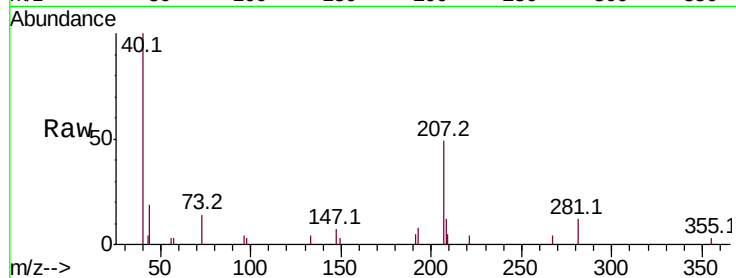




#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

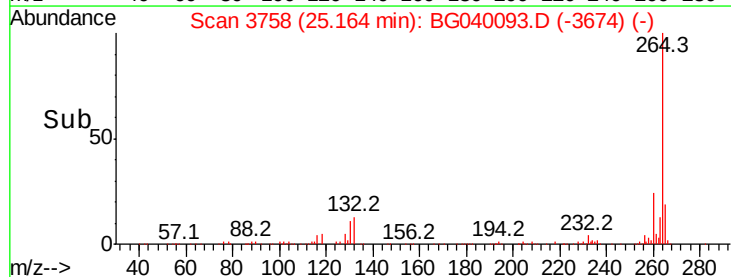
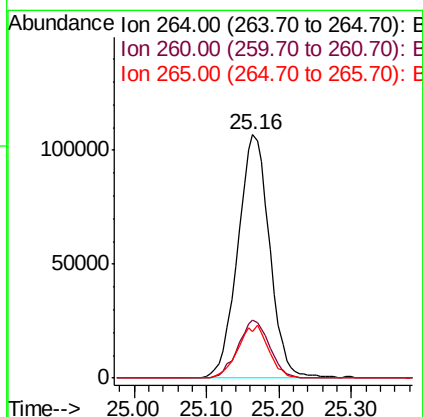
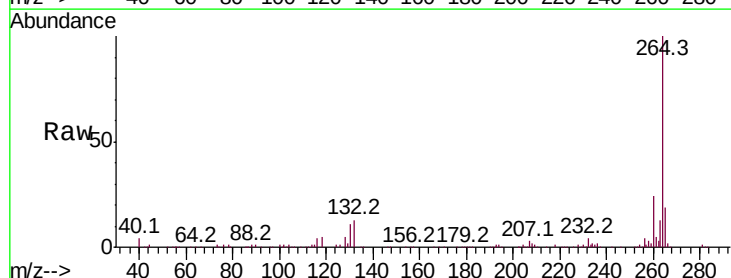
Instrument :
BNA_G
ClientSampled :

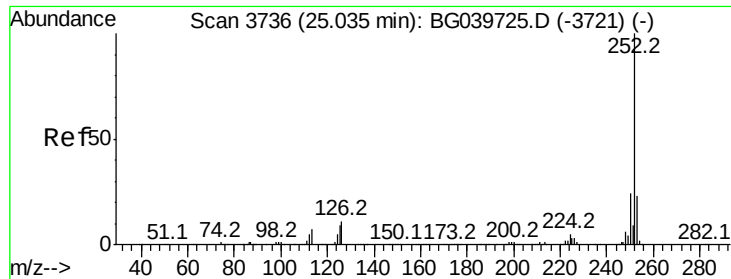
Tot Ion:149 Resp: 68
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 367.6 10.2 15.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Tgt Ion:264 Resp: 325135
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 19.3 18.5 27.7





#90

Benzo(a)pyrene

Concen: 0.064 ng

RT: 25.18 min Scan# 3761

Delta R.T. 0.14 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

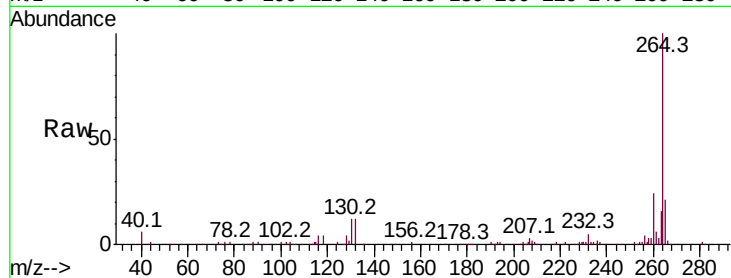
Tot Ion:252 Resp: 1146

Ion Ratio Lower Upper

252 100

253 32.9 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

