

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040094.D
 Acq On : 22 Mar 2019 22:15
 Operator : JU/SJ
 Sample : K2032-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:11:07 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	42670	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	198923	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	141320	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	343708	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	334070	20.00	ng	-0.02
87) Perylene-d12	25.16	264	337109	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	104043	41.60	ng	-0.02
7) Phenol-d6	7.29	99	97145	26.05	ng	-0.02
23) Nitrobenzene-d5	9.32	82	290402	78.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	134995	81.95	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	735101	74.06	ng	-0.02
79) Terphenyl-d14	20.11	244	1053244	69.42	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	3073	2.661	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	54	0.037	ng	# 1
6) Aniline	7.66	93	93	0.019	ng	# 1
9) Benzaldehyde	7.28	77	56	0.023	ng	# 4
10) Phenol	7.32	94	4035	0.999	ng	91
11) bis(2-Chloroethyl)ether	7.66	93	93	0.030	ng	# 1
15) Benzyl Alcohol	8.46	79	4042	1.366	ng	# 42
19) n-Nitroso-di-n-propylamine	9.32	70	37070	13.810	ng	# 66
24) Nitrobenzene	9.31	77	833	0.216	ng	# 41
25) Isophorone	9.41	82	647	0.084	ng	# 67
46) 1,1'-Biphenyl	13.61	154	946	0.081	ng	78
48) 2-Nitroaniline	13.39	65	1300	0.463	ng	# 1
49) Acenaphthylene	14.87	152	54	0.004	ng	# 59
50) Dimethylphthalate	14.21	163	12038	1.019	ng	96
51) 2,6-Dinitrotoluene	14.77	165	18857	7.527	ng	# 25
52) Acenaphthene	14.77	154	415	0.048	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	18857	5.357	ng	# 20
58) Fluorene	16.25	166	5525	0.496	ng	# 89
60) Diethylphthalate	15.57	149	182	0.016	ng	# 58
63) Azobenzene	16.25	77	647	0.061	ng	# 8
65) 4,6-Dinitro-2-methylphenol	16.25	198	613	0.302	ng	# 1
66) n-Nitrosodiphenylamine	16.26	169	5394	0.542	ng	# 45
67) 4-Bromophenyl-phenylether	16.26	248	10292	2.675	ng	# 1
71) Phenanthrene	17.55	178	316	0.017	ng	# 59
72) Anthracene	17.55	178	316	0.017	ng	# 60
74) Di-n-butylphthalate	18.45	149	369	0.019	ng	# 77
75) Fluoranthene	19.57	202	57	0.003	ng	63
77) Benzidine	20.11	184	17779	1.677	ng	# 93
78) Pyrene	20.11	202	3910	0.180	ng	# 69
80) Butylbenzylphthalate	20.70	149	82	0.010	ng	# 22
81) Benzo(a)anthracene	21.81	228	901	0.043	ng	# 62
83) Chrysene	21.84	228	57	0.003	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.64	149	465	0.039	ng	# 52
85) Di-n-octyl phthalate	23.03	149	119	0.006	ng	# 71

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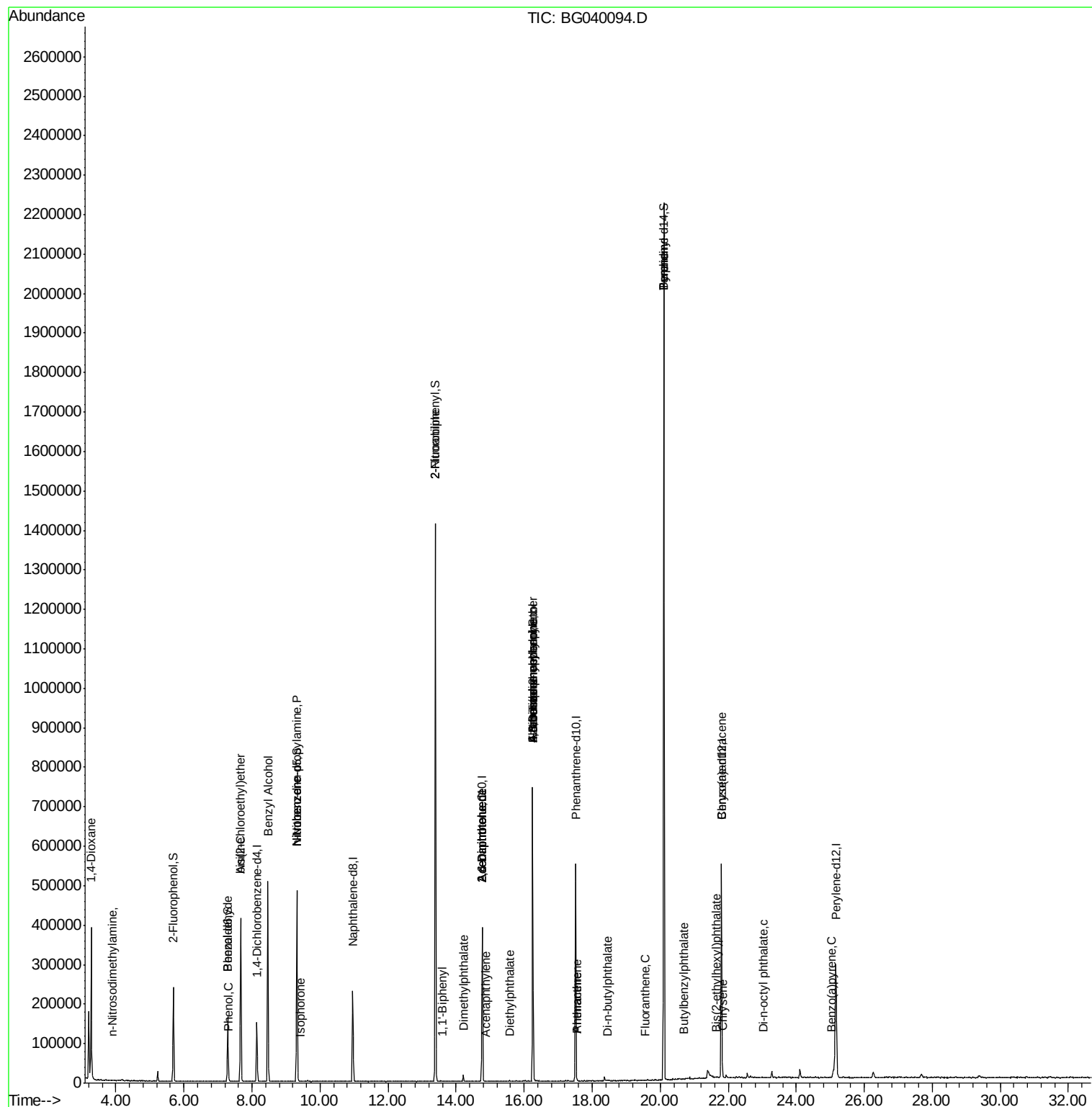
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	25.04	252	55	0.003	ng	# 59

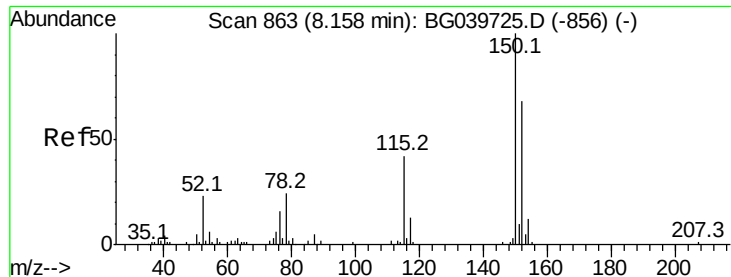
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

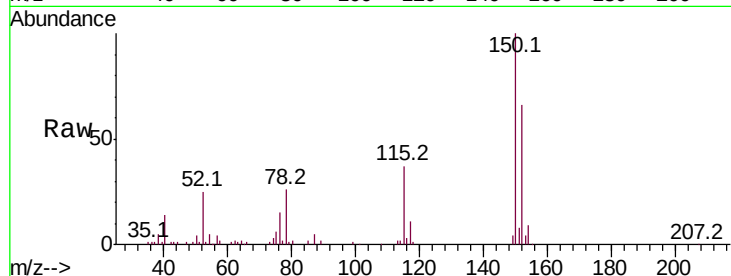
Tot Ion:152 Resp: 42670

Ion Ratio Lower Upper

152 100

150 152.5 123.7 185.5

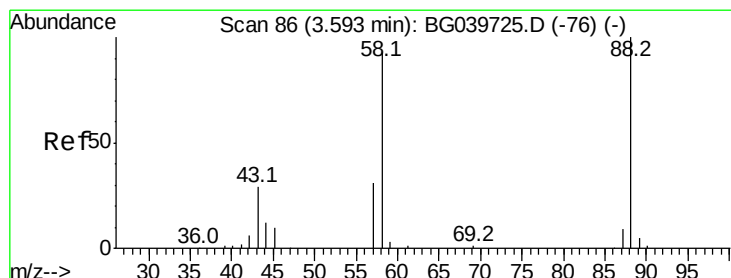
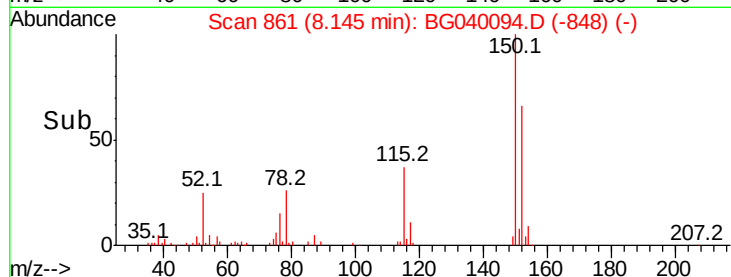
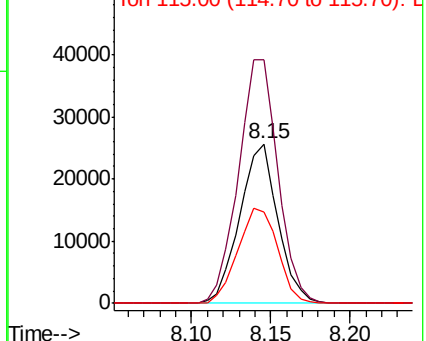
115 57.1 45.9 68.9



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: 2.661 ng

RT: 3.27 min Scan# 31

Delta R.T. -0.34 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

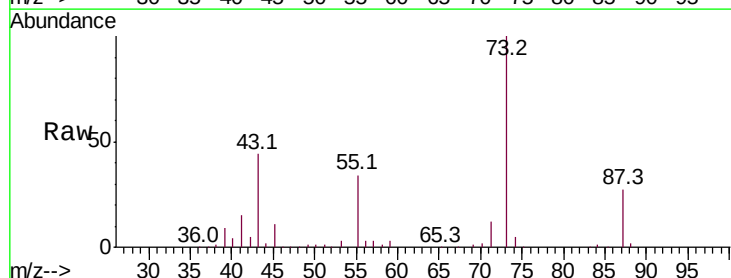
Tgt Ion: 88 Resp: 3073

Ion Ratio Lower Upper

88 100

58 50.4 81.1 121.7#

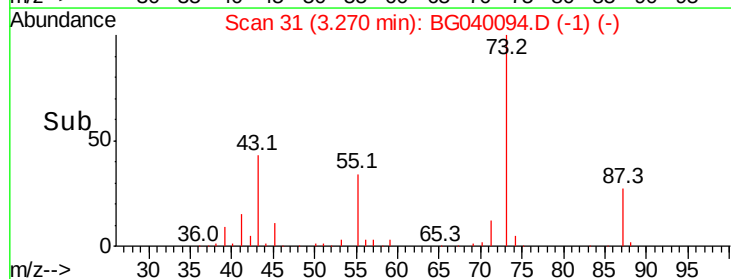
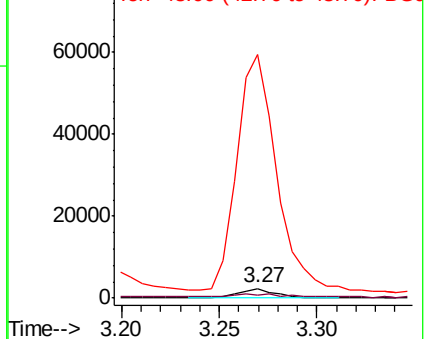
43 2749.0 31.4 47.0#

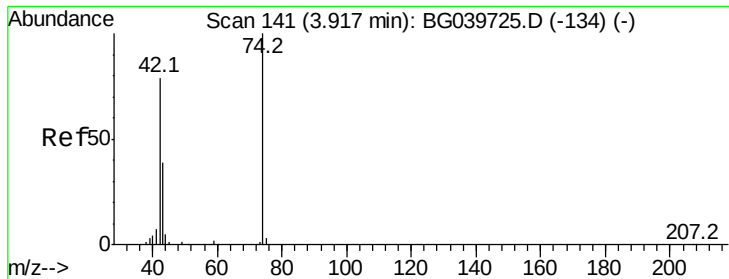


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

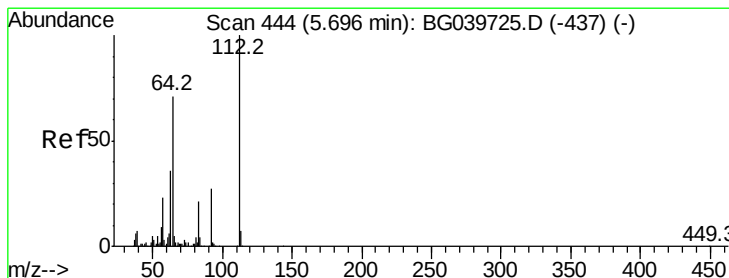
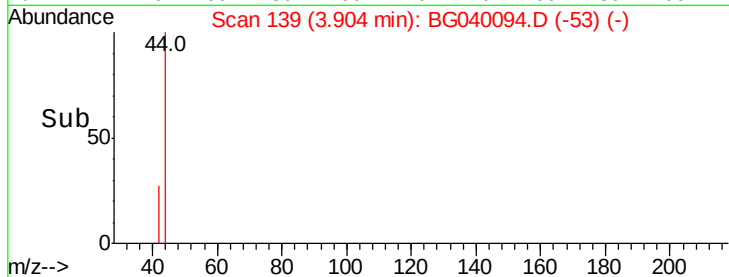
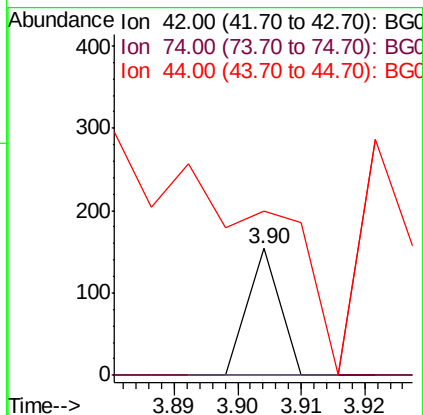
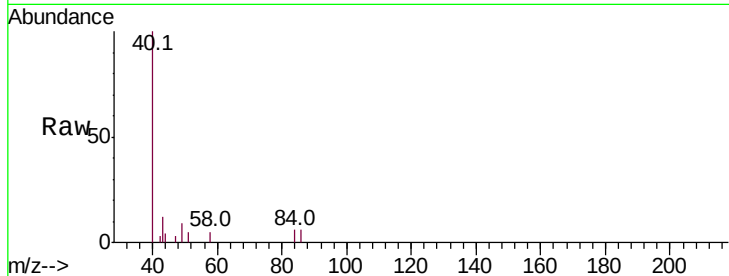
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	129.9	6.9	10.3#



#5

2-Fluorophenol

Concen: 41.598 ng

RT: 5.69 min Scan# 443

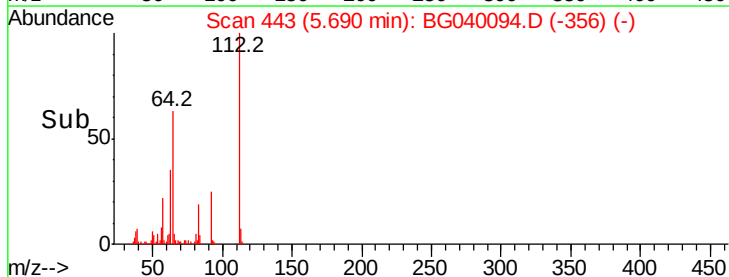
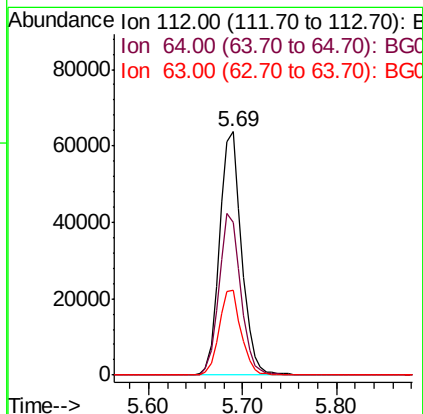
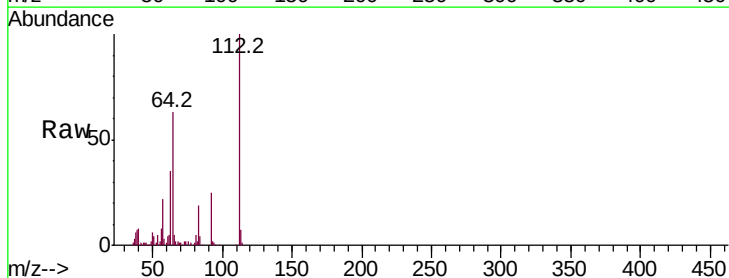
Delta R.T. -0.02 min

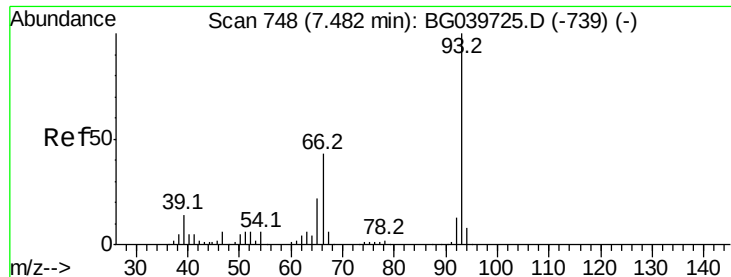
Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Tgt Ion: 112 Resp: 104043

Ion	Ratio	Lower	Upper
112	100		
64	62.9	57.8	86.8
63	34.8	29.8	44.6





#6

Aniline

Concen: 0.019 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

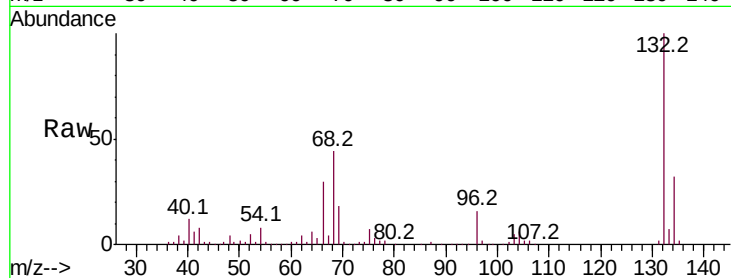
Tot Ion: 93 Resp: 93

Ion Ratio Lower Upper

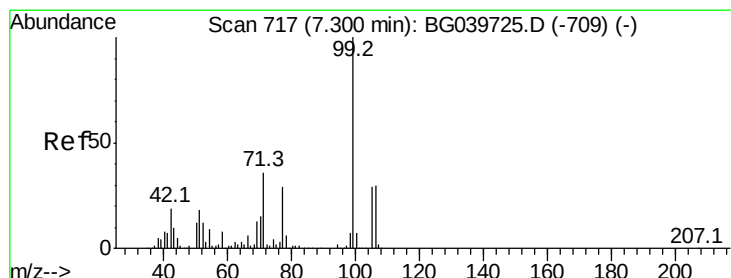
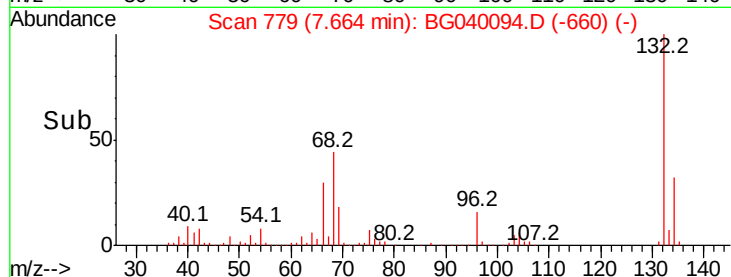
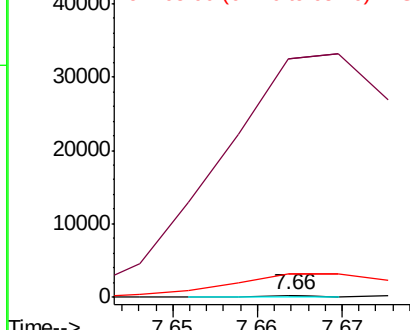
93 100

66 12293.9 34.2 51.4#

65 1197.7 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: 26.049 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

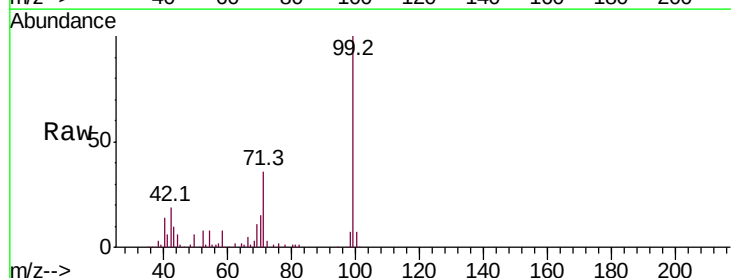
Tgt Ion: 99 Resp: 97145

Ion Ratio Lower Upper

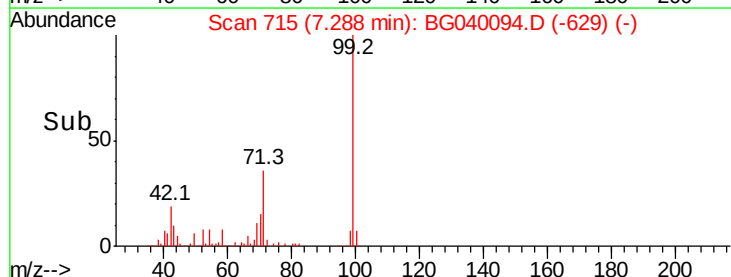
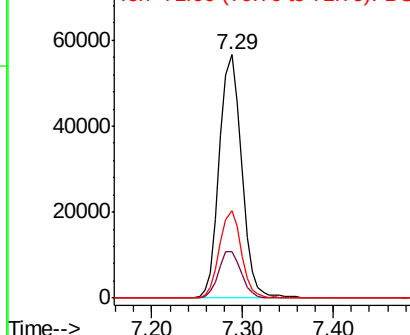
99 100

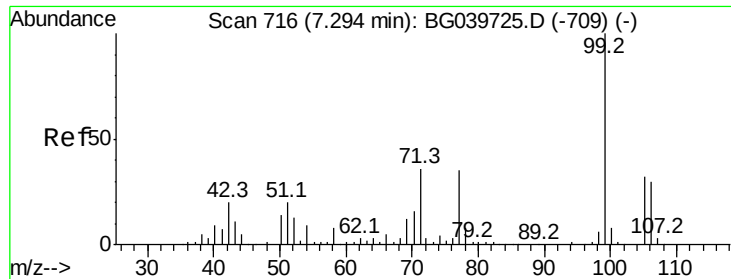
42 19.2 18.2 27.2

71 36.0 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

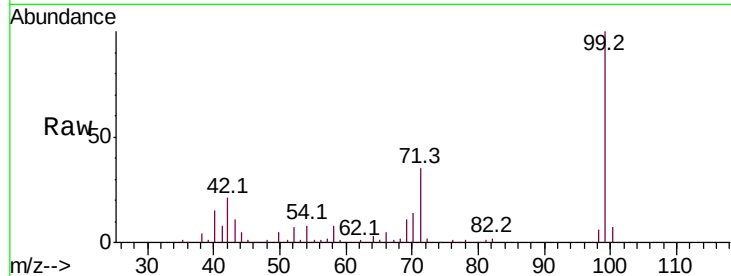




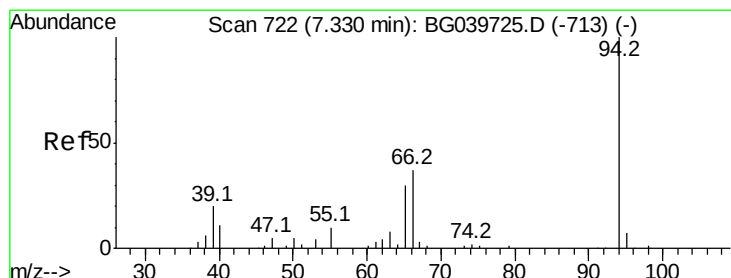
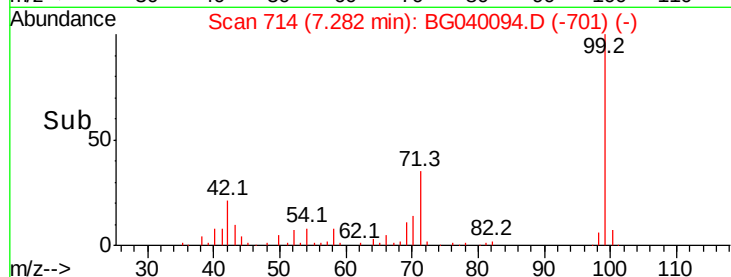
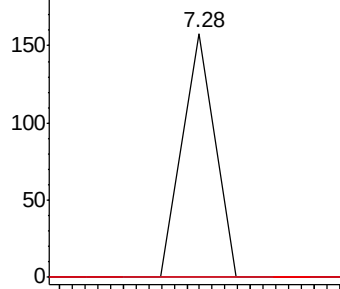
#9
Benzaldehyde
Concen: 0.023 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#

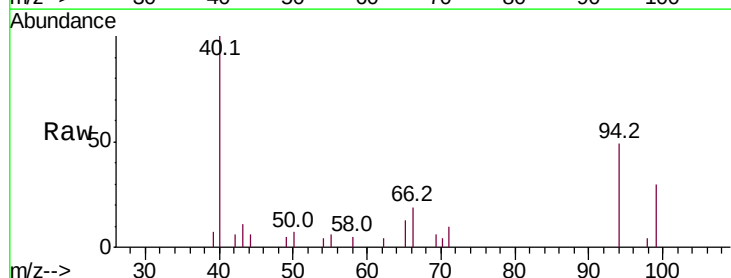


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

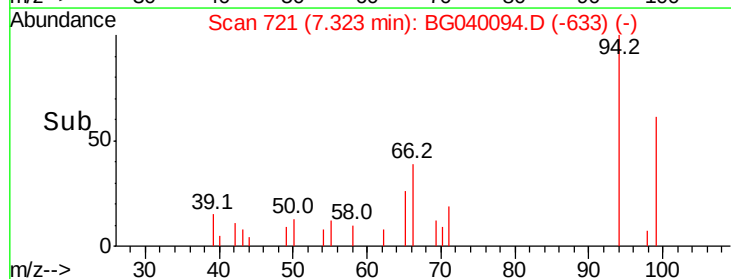
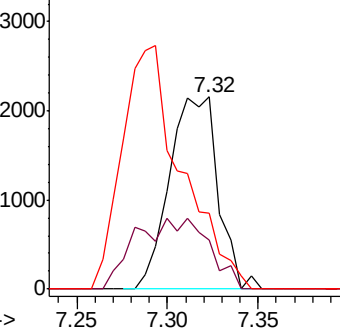


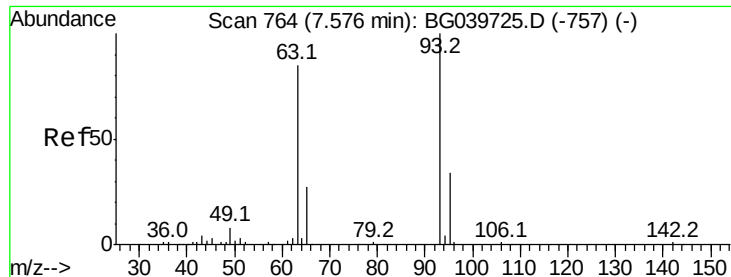
#10
Phenol
Concen: 0.999 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

Tgt Ion: 94 Resp: 4035
Ion Ratio Lower Upper
94 100
65 25.5 11.7 51.7
66 39.3 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 0.030 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.08 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

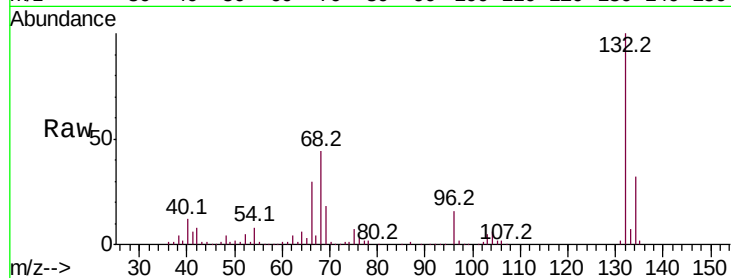
Tot Ion: 93 Resp: 93

Ion Ratio Lower Upper

93 100

63 457.2 69.5 109.5#

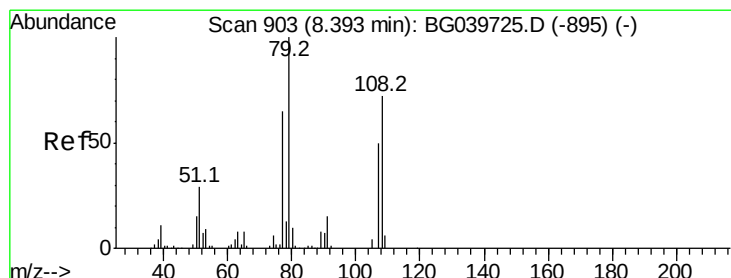
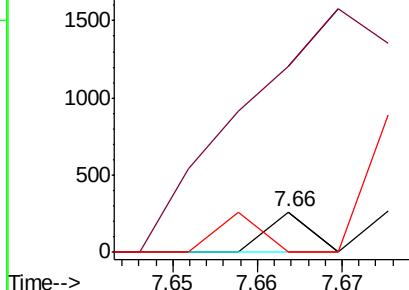
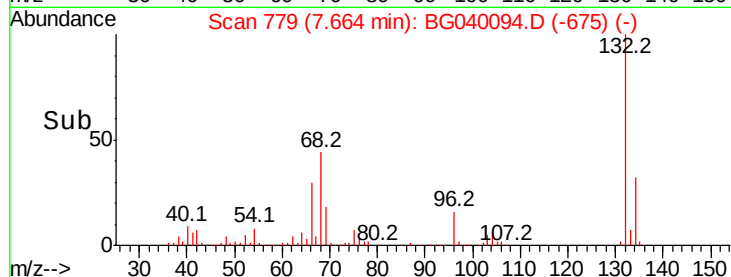
95 0.0 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#15

Benzyl Alcohol

Concen: 1.366 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.06 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

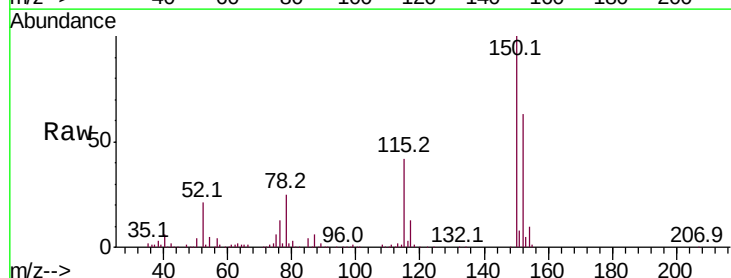
Tgt Ion: 79 Resp: 4042

Ion Ratio Lower Upper

79 100

108 29.5 57.8 86.6#

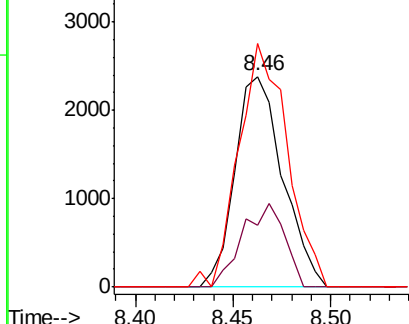
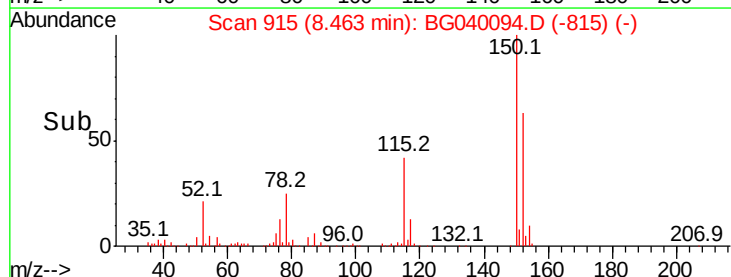
77 115.7 51.1 76.7#

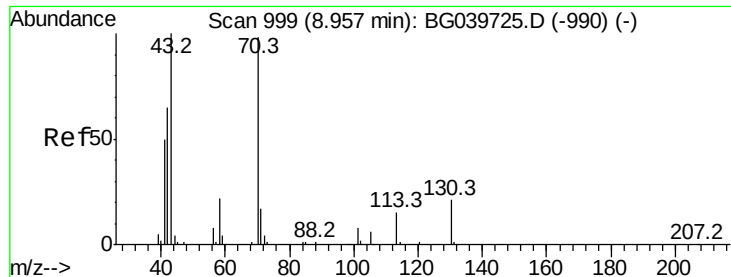


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

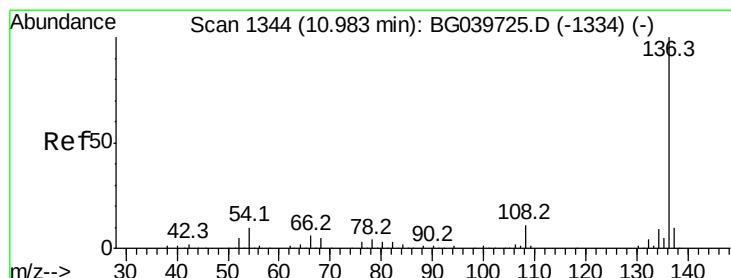
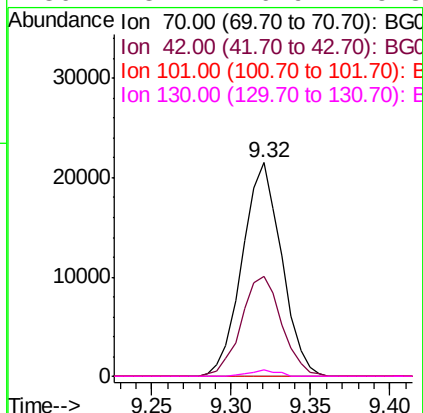
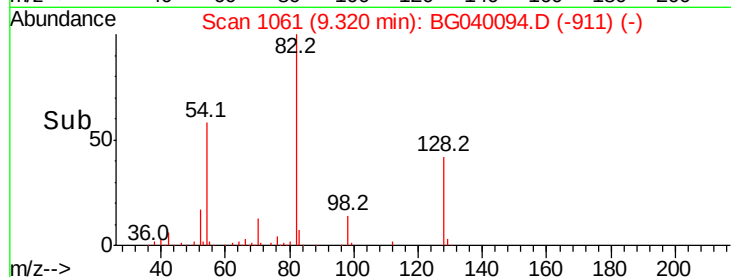
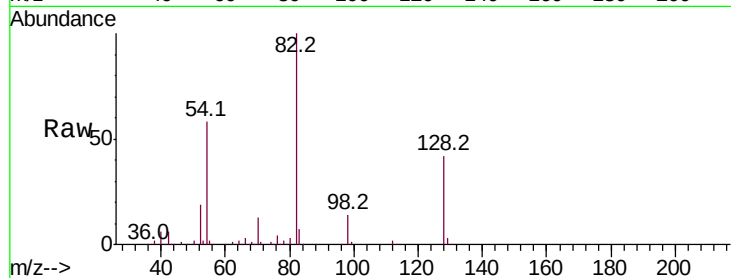




#19
n-Nitroso-di-n-propylamine
Concen: 13.810 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

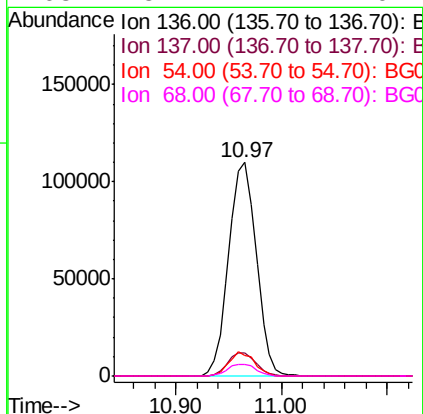
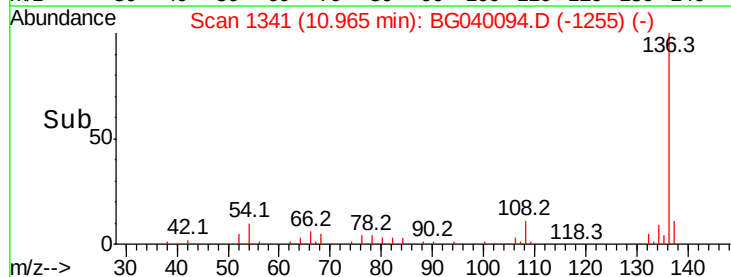
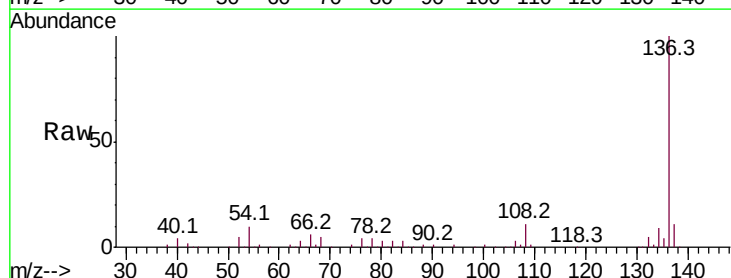
Instrument :
BNA_G
ClientSampleId :

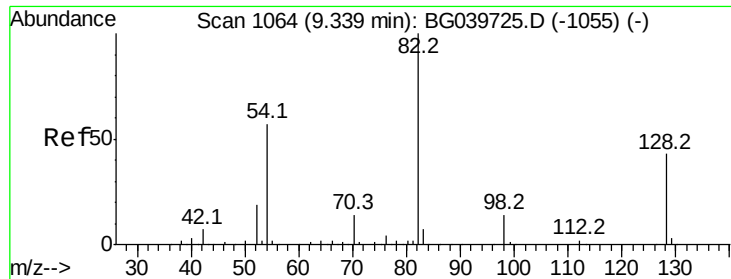
Tot Ion: 70 Resp: 37070
Ion Ratio Lower Upper
70 100
42 46.9 60.4 90.6#
101 0.0 7.5 11.3#
130 3.2 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

Tgt Ion:136 Resp: 198923
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.8 9.4 14.2
68 5.4 4.2 6.4

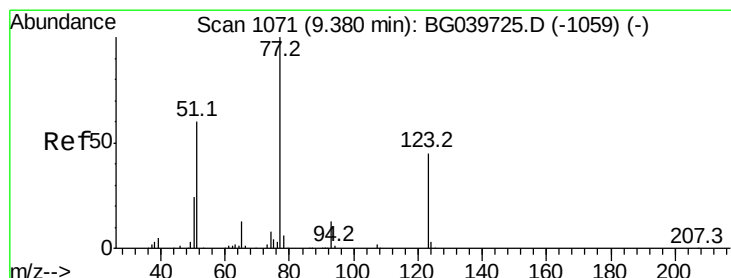
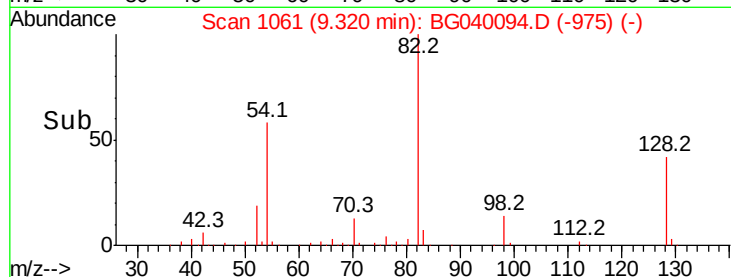
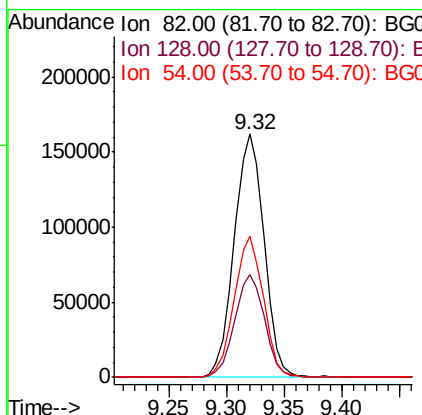
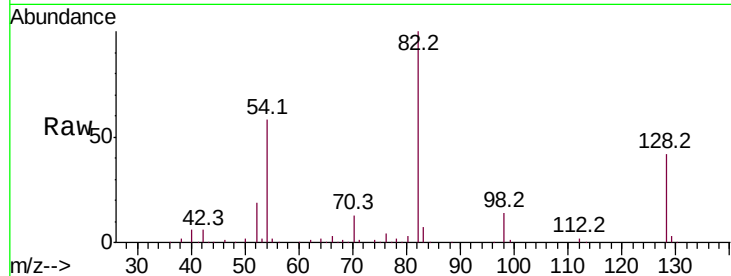




#23
 Nitrobenzene-d5
 Concen: 78.956 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

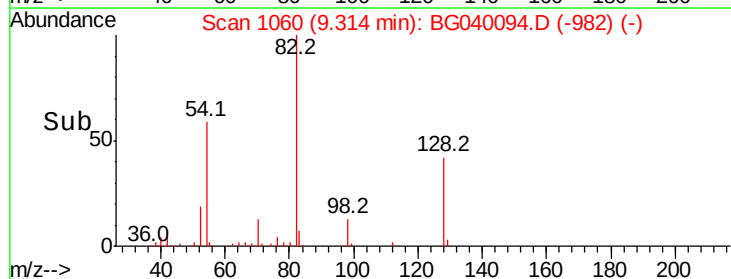
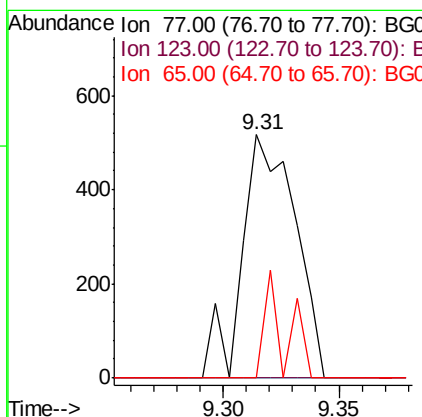
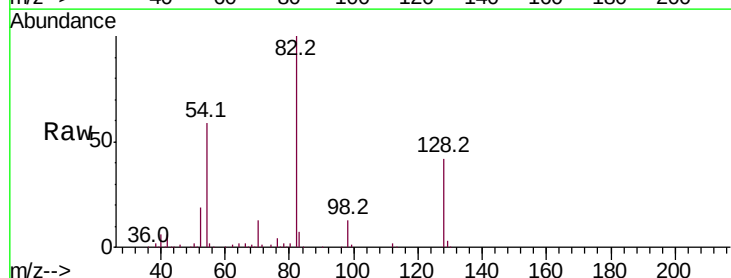
Instrument :
 BNA_G
 ClientSampled :

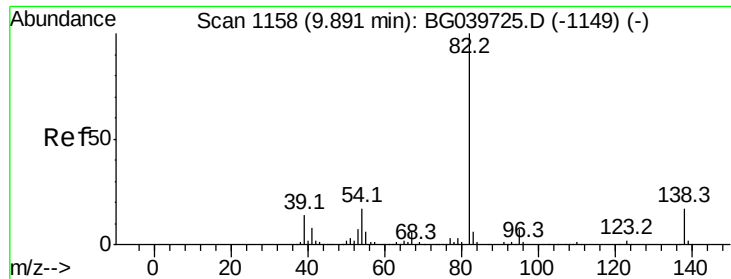
Tot Ion	82	Resp	290402
Ion Ratio	100	Lower	Upper
128	42.1	31.3	46.9
54	58.1	50.9	76.3



#24
 Nitrobenzene
 Concen: 0.216 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.07 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Tgt Ion	77	Resp	833
Ion Ratio	100	Lower	Upper
123	0.0	34.1	51.1#
65	0.0	12.3	18.5#





#25

Isophorone

Concen: 0.084 ng

RT: 9.41 min Scan# 1076

Delta R.T. -0.49 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampled :

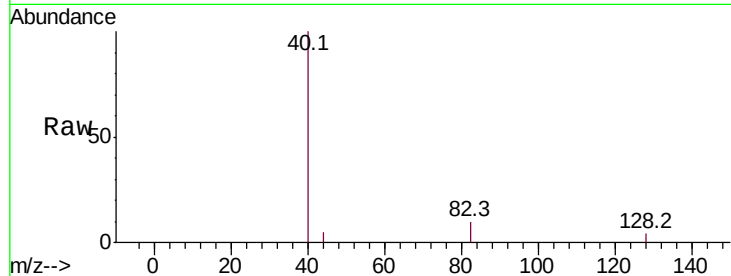
Tot Ion: 82 Resp: 647

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

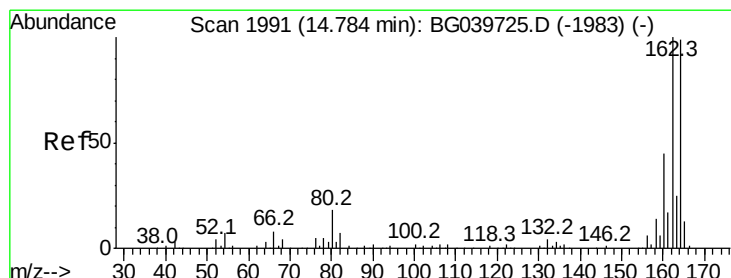
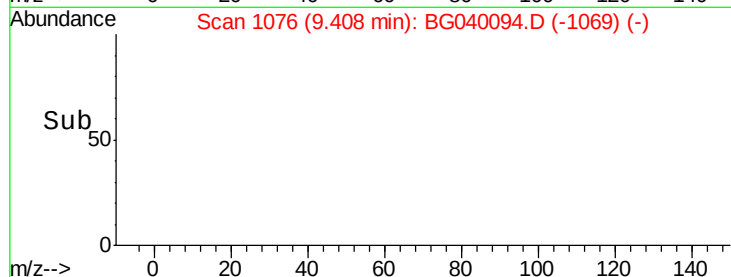
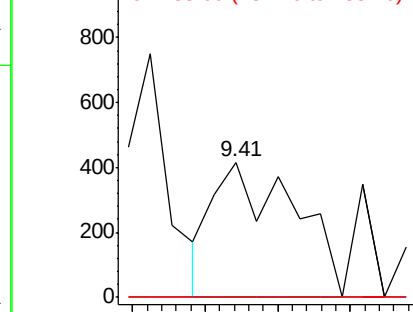
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BG040094.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BG040094.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BG040094.D (-1069) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

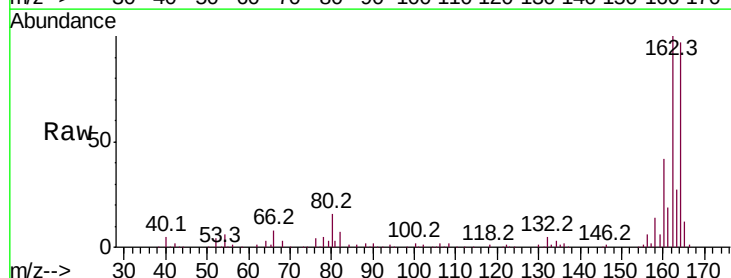
Tgt Ion: 164 Resp: 141320

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

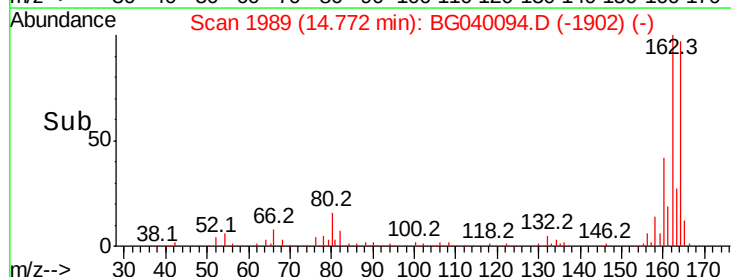
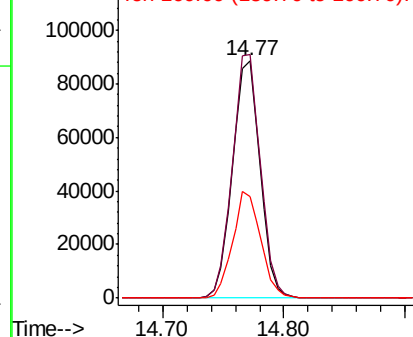
160 43.0 34.2 51.2

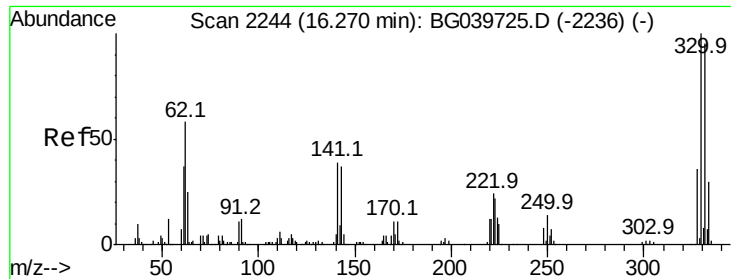


Abundance Ion 164.00 (163.70 to 164.70): BG040094.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BG040094.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BG040094.D (-1902) (-)

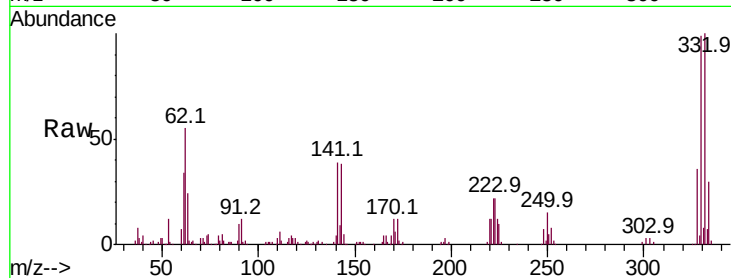




#42
 2,4,6-Tribromophenol
 Concen: 81.955 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	40.1	35.6	53.4

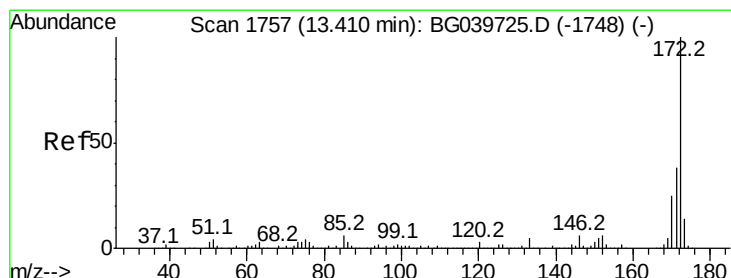
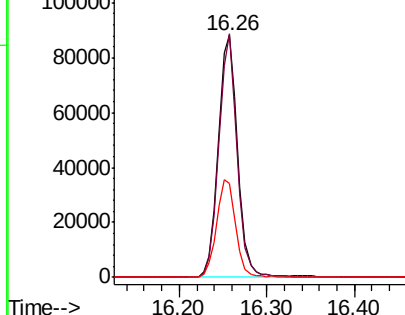
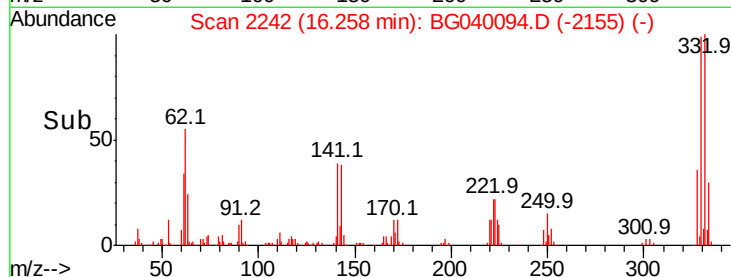


Abundance

Ion 329.80 (329.50 to 330.50): E

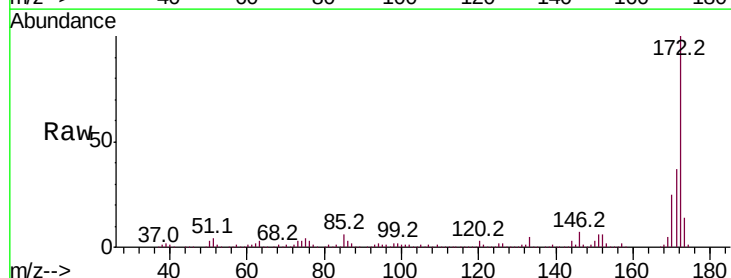
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.063 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.6	20.2	30.4

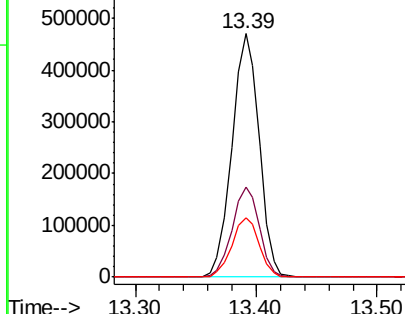
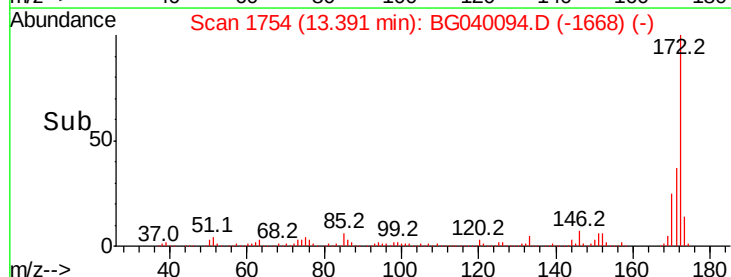


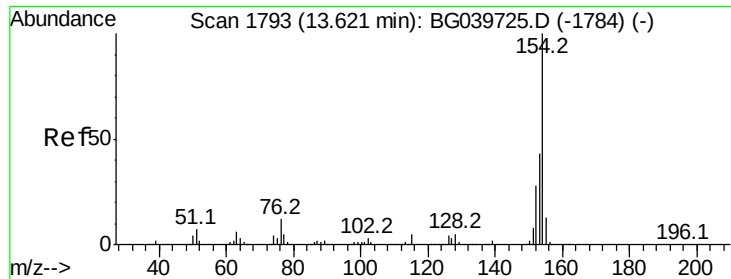
Abundance

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

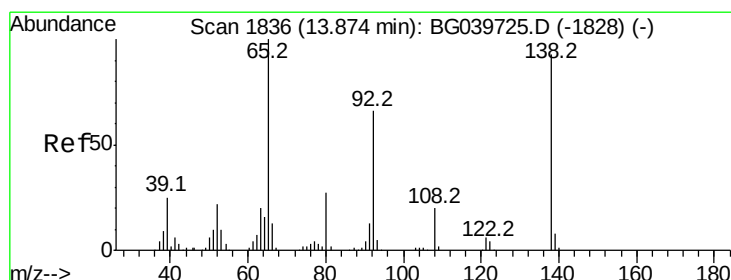
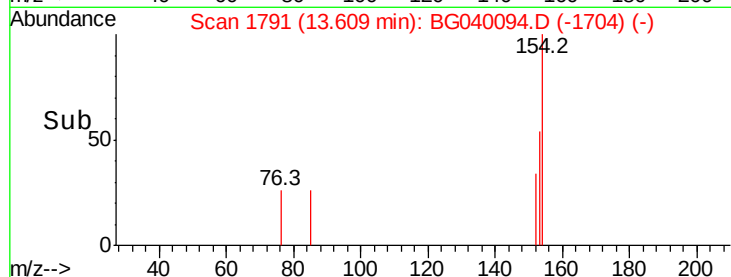
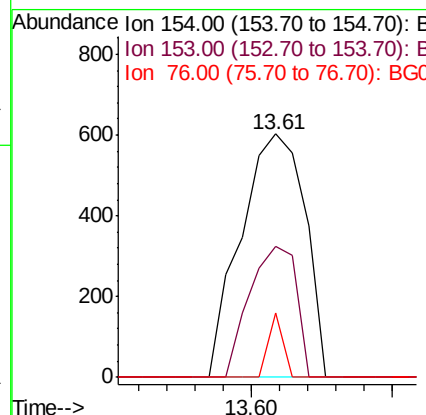
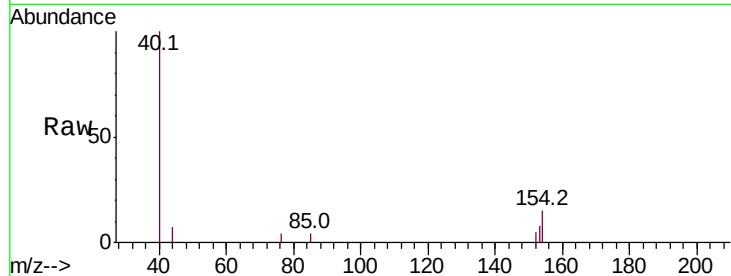




#46
 1,1'-Biphenyl
 Concen: 0.081 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

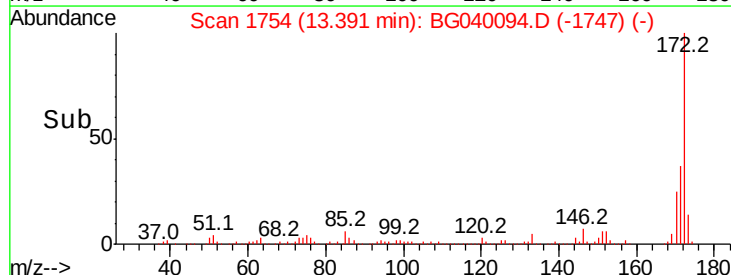
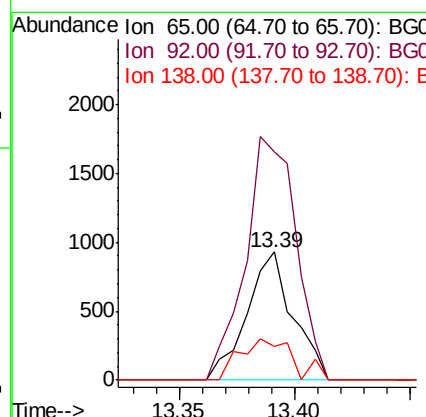
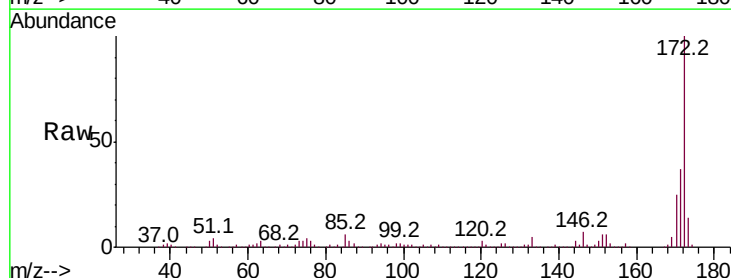
Instrument :
 BNA_G
 ClientSampleId :

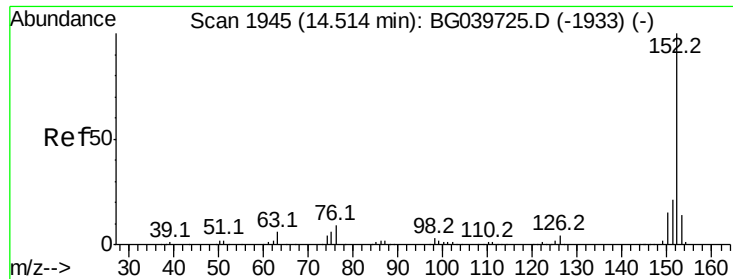
Tot Ion:154 Resp: 946
 Ion Ratio Lower Upper
 154 100
 153 53.7 22.1 62.1
 76 26.2 0.0 32.4



#48
 2-Nitroaniline
 Concen: 0.463 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.49 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Tgt Ion: 65 Resp: 1300
 Ion Ratio Lower Upper
 65 100
 92 178.5 51.4 77.2#
 138 26.5 71.4 107.2#





#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.87 min Scan# 2006

Delta R.T. 0.35 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

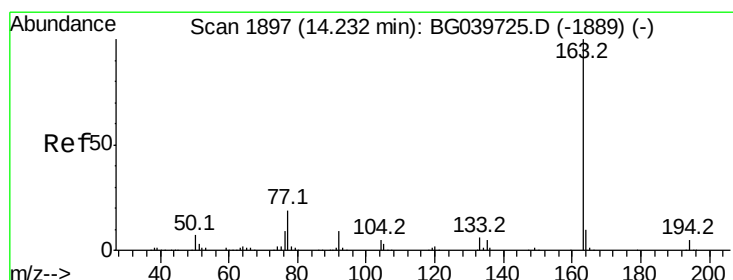
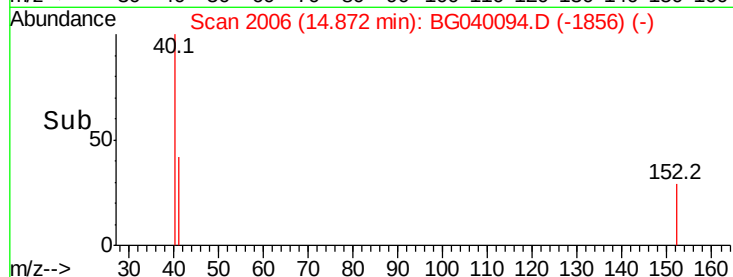
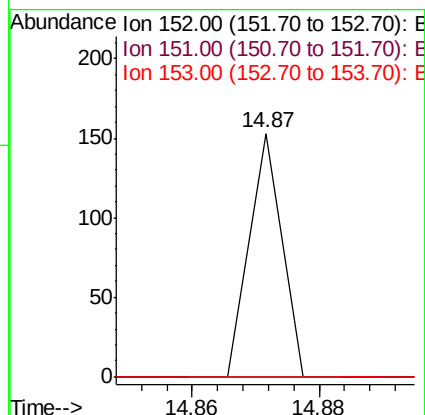
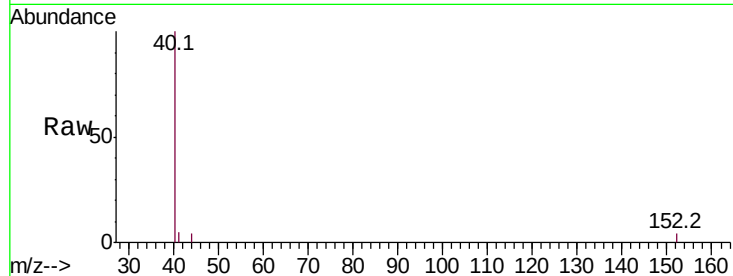
Tot Ion:152 Resp: 54

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

153 0.0 11.7 17.5#



#50

Dimethylphthalate

Concen: 1.019 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

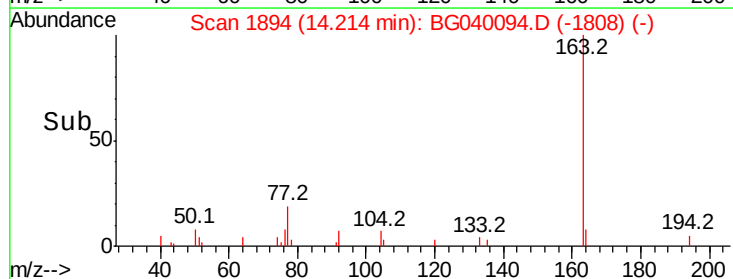
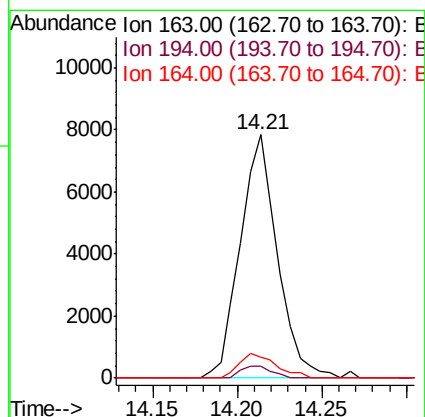
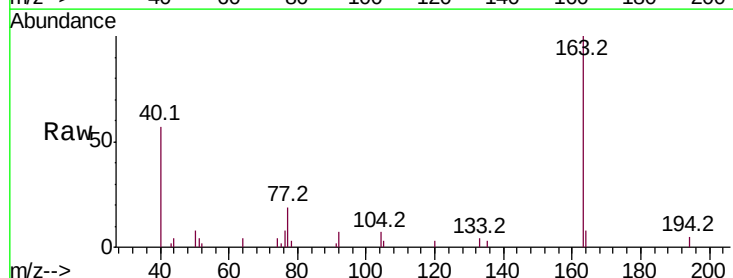
Tgt Ion:163 Resp: 12038

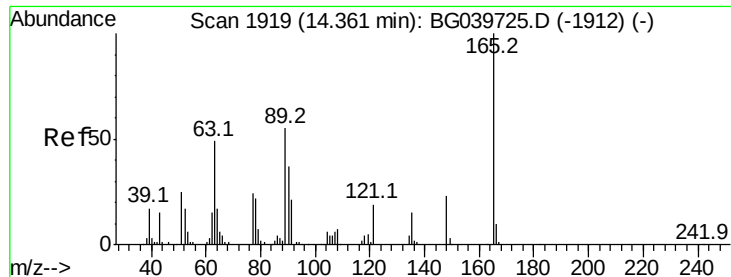
Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

164 8.5 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 7.527 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

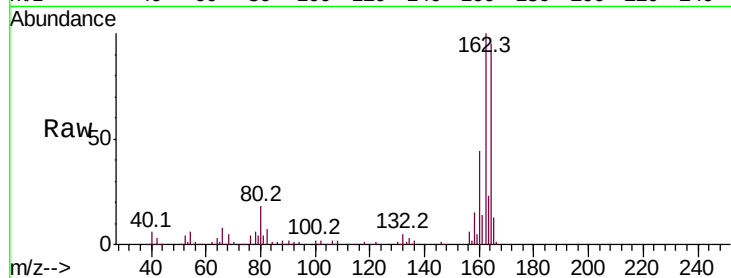
Tot Ion:165 Resp: 18857

Ion Ratio Lower Upper

165 100

63 2.4 47.0 70.6#

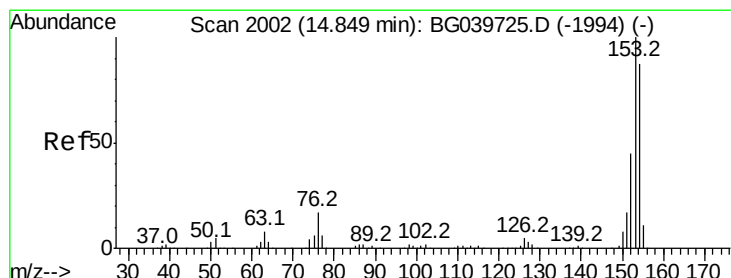
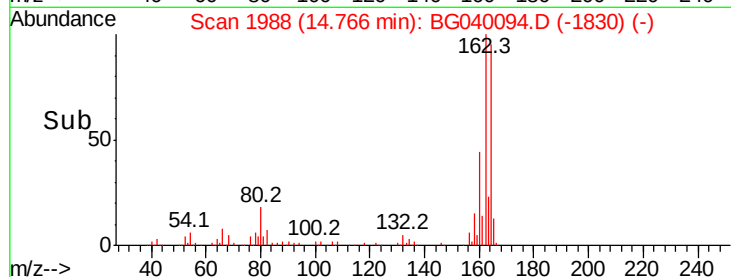
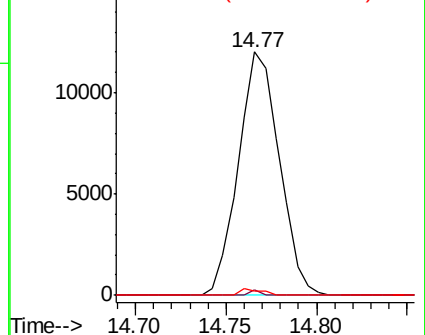
89 1.8 45.8 68.8#



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: 0.048 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

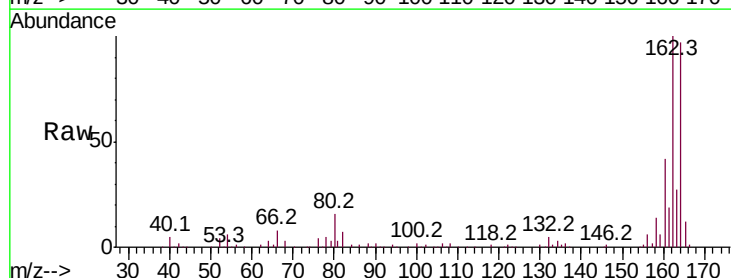
Tgt Ion:154 Resp: 415

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

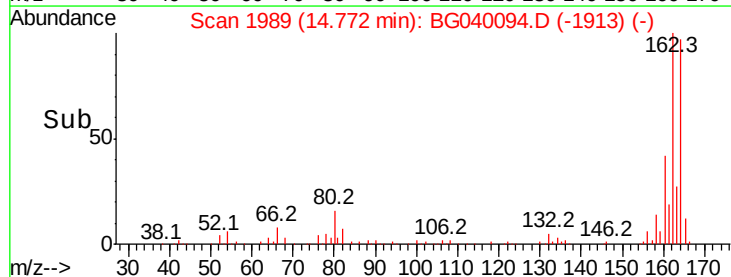
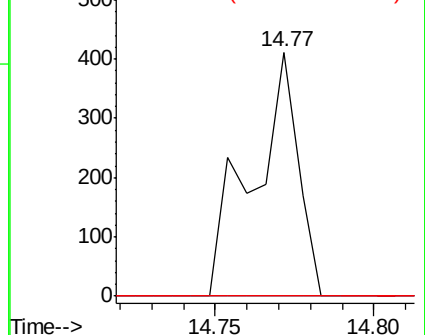
152 0.0 40.9 61.3#

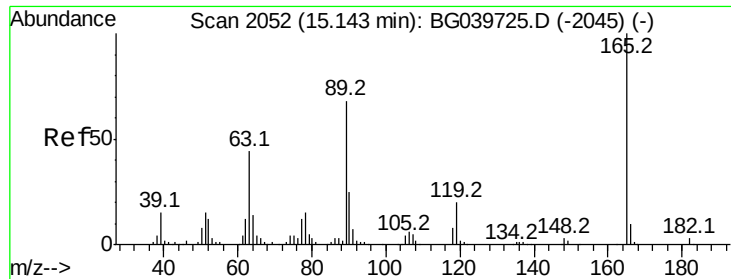


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

2,4-Dinitrotoluene

Concen: 5.357 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040094.D

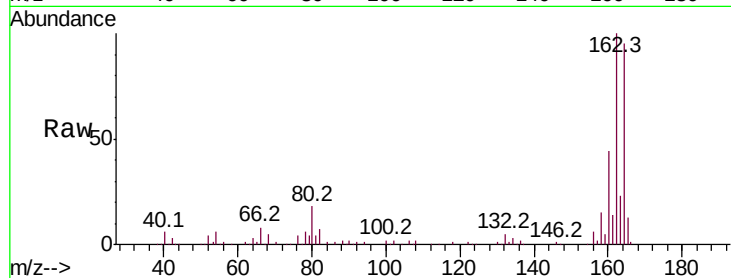
Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	165	Resp:	18857
Ion	Ratio	Lower	Upper
165	100		
63	2.4	41.0	61.6#
89	1.8	64.6	96.8#
182	0.0	2.0	3.0#

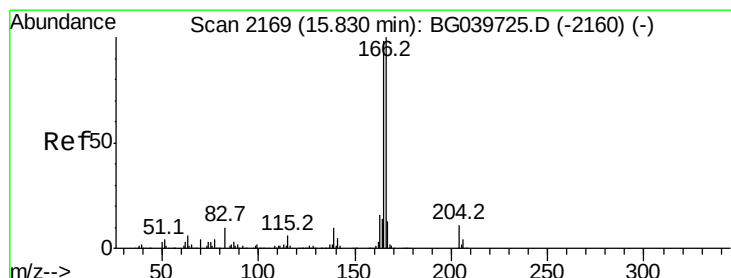
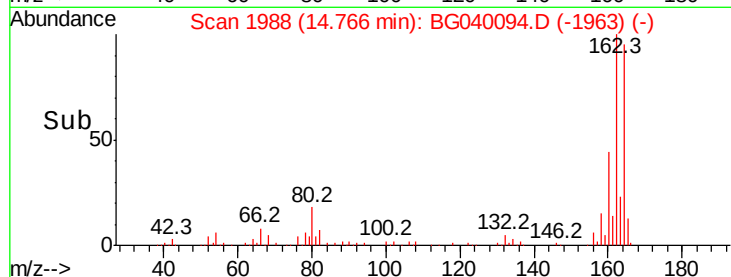
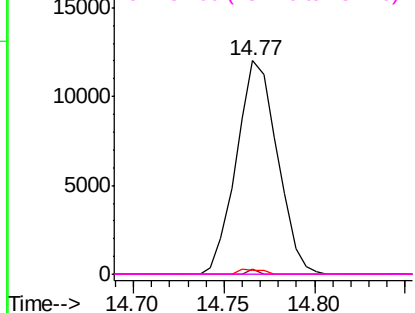


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.496 ng

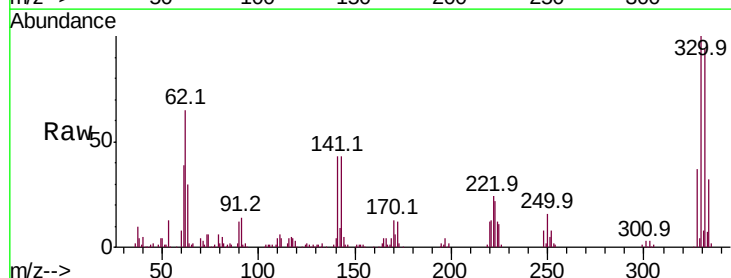
RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

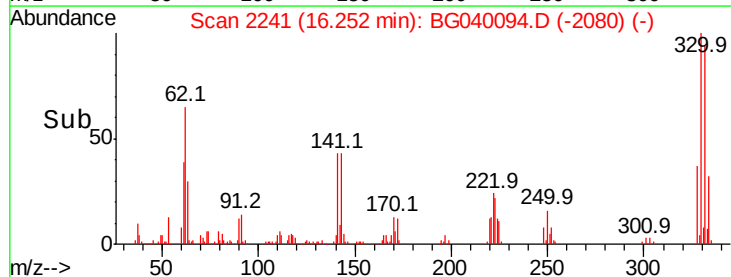
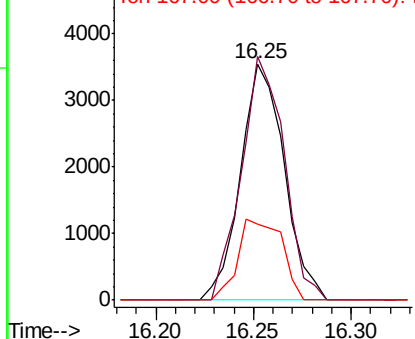
Tgt Ion:	166	Resp:	5525
Ion	Ratio	Lower	Upper
166	100		
165	103.2	77.9	116.9
167	32.1	10.8	16.2#

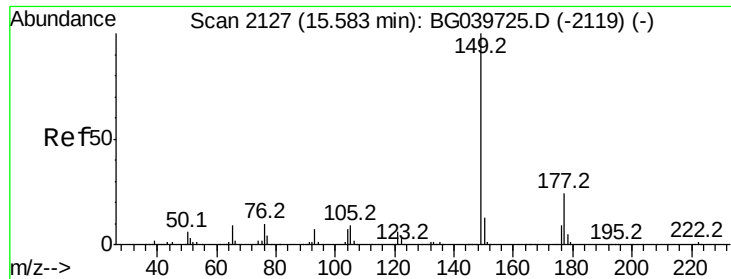


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

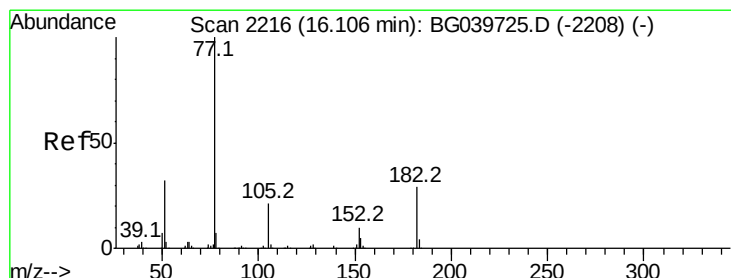
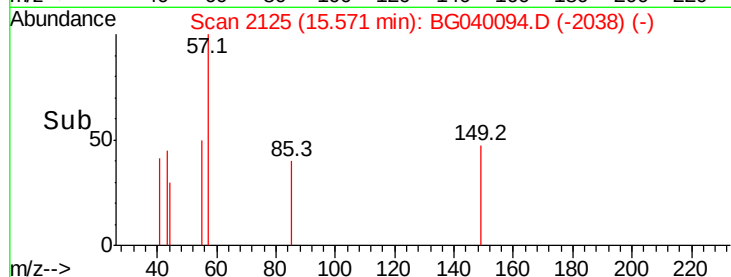
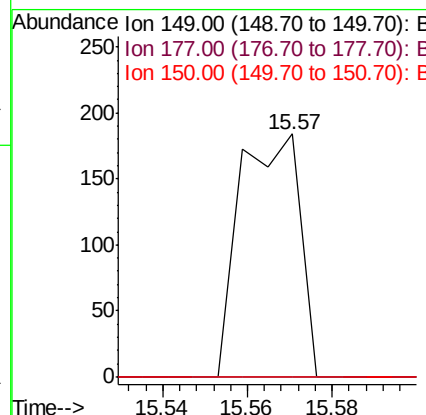
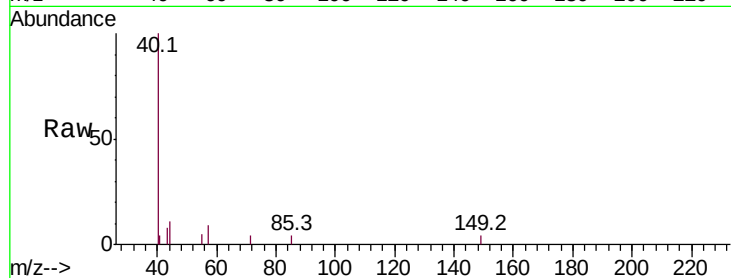




#60
Diethylphthalate
Concen: 0.016 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

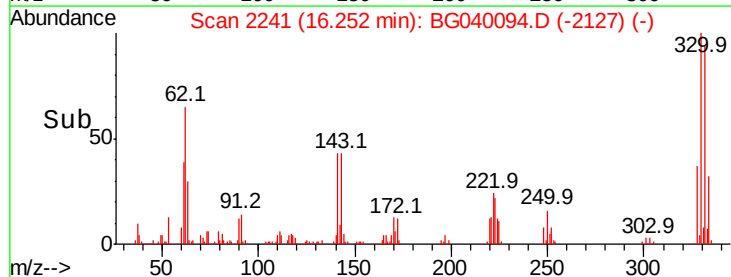
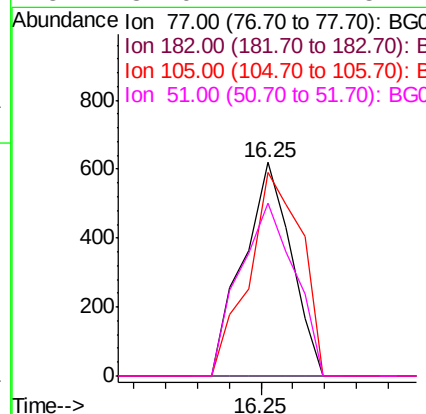
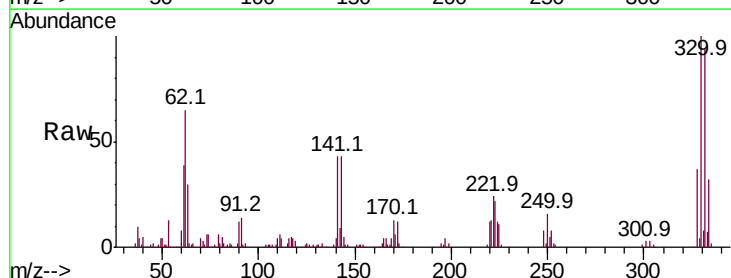
Instrument :
BNA_G
ClientSampled :

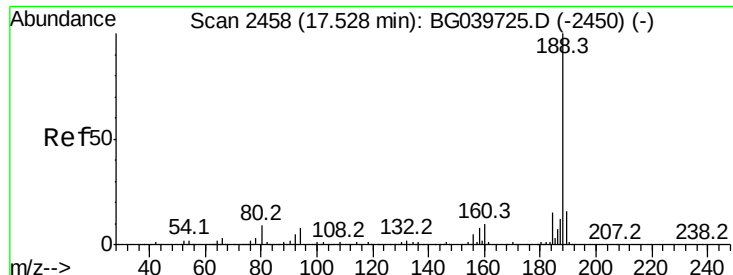
Tot Ion:149 Resp: 182
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.061 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.14 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

Tgt Ion: 77 Resp: 647
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 95.5 0.0 39.8#
51 81.0 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: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

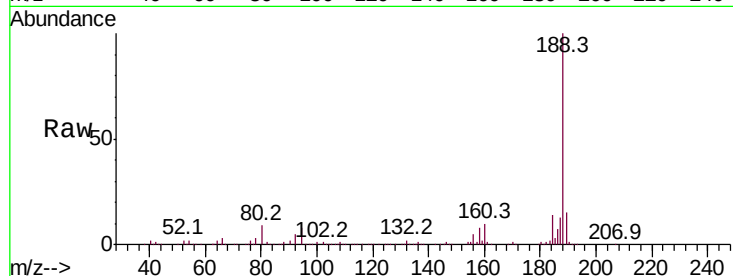
Tot Ion:188 Resp: 343708

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

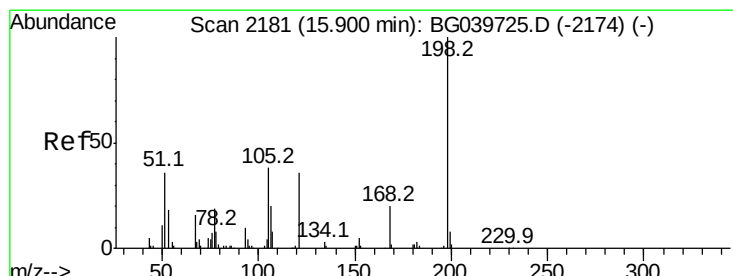
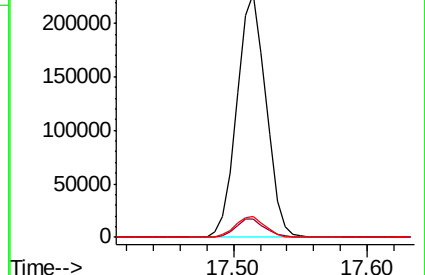
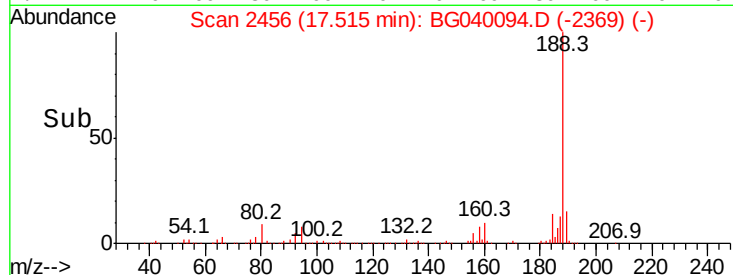
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.302 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.35 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

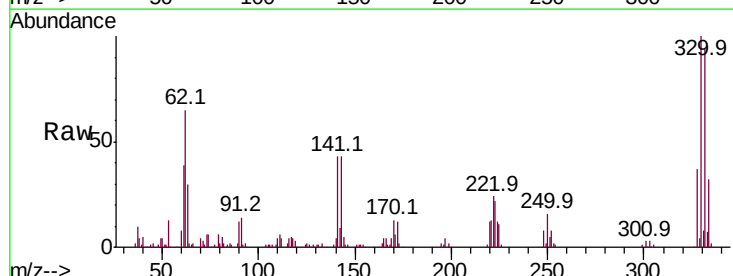
Tgt Ion:198 Resp: 613

Ion Ratio Lower Upper

198 100

51 132.1 27.4 67.4#

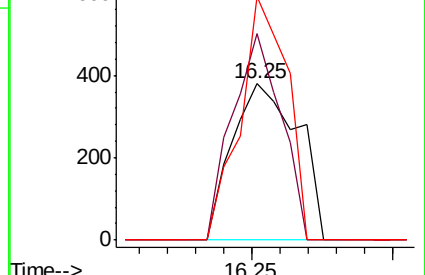
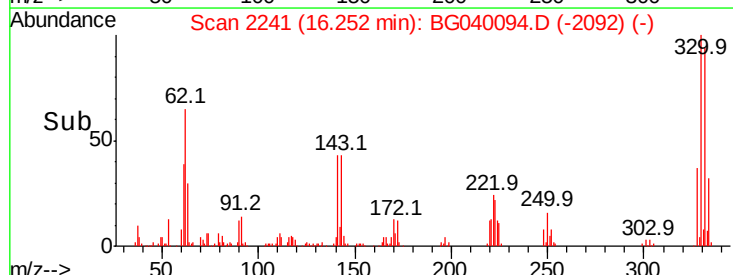
105 155.8 19.7 59.7#

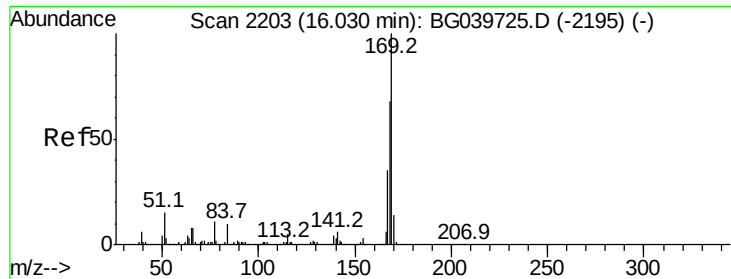


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

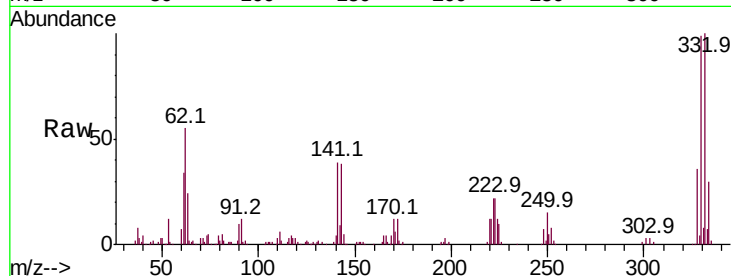




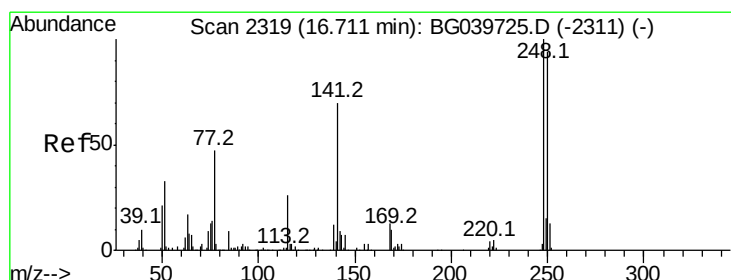
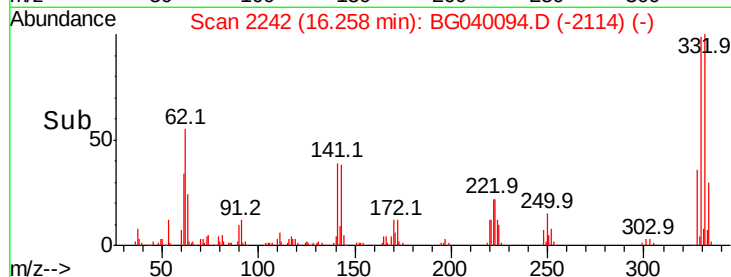
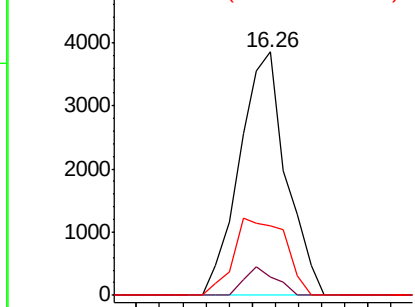
#66
 n-Nitrosodiphenylamine
 Concen: 0.542 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.22 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:169 Resp: 5394
 Ion Ratio Lower Upper
 169 100
 168 7.6 56.6 85.0#
 167 28.3 28.8 43.2#

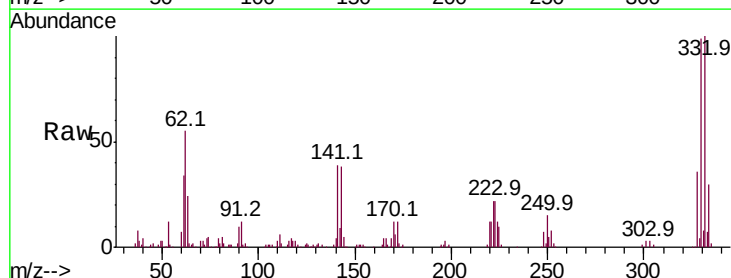


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

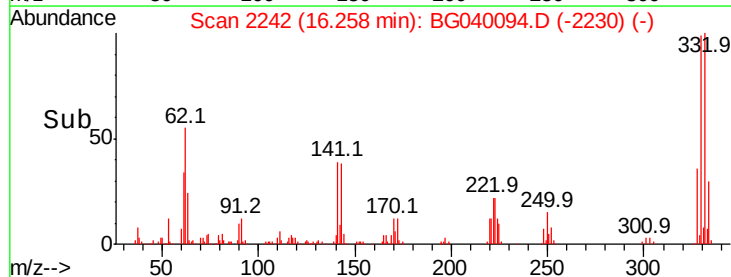
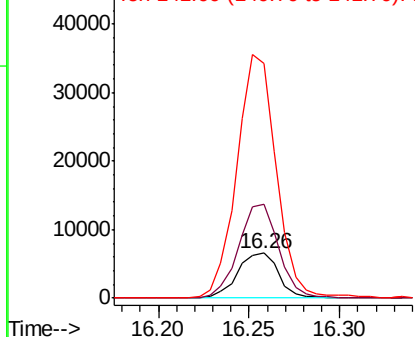


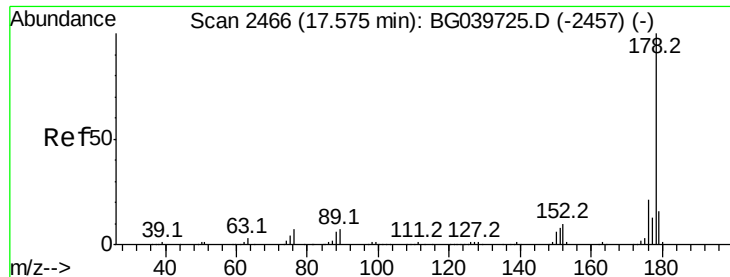
#67
 4-Bromophenyl-phenylether
 Concen: 2.675 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Tgt Ion:248 Resp: 10292
 Ion Ratio Lower Upper
 248 100
 250 209.3 77.6 116.4#
 141 525.3 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

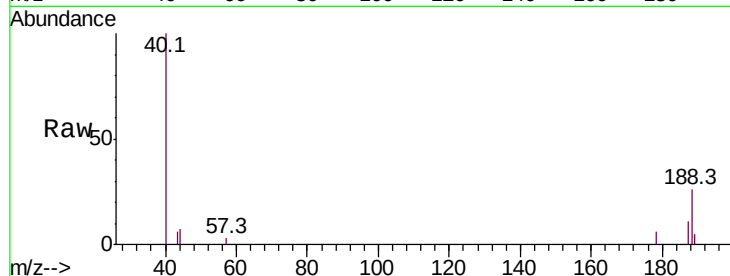




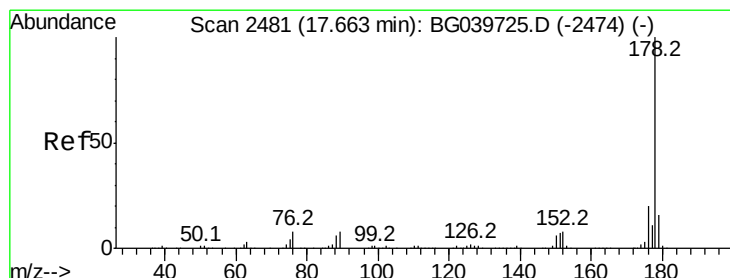
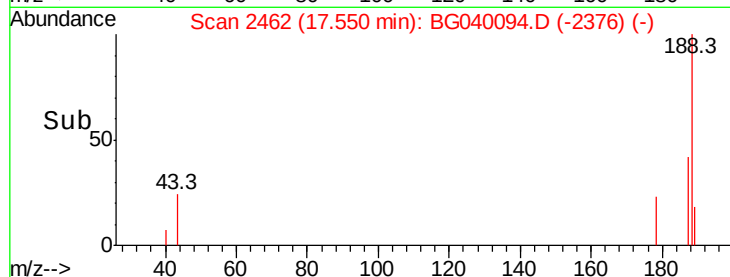
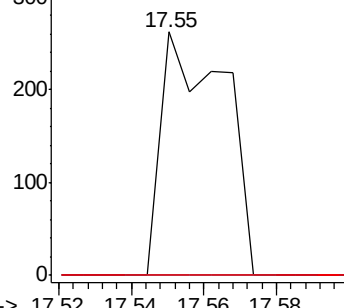
#71
 Phenanthrene
 Concen: 0.017 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 316
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.6 19.0#

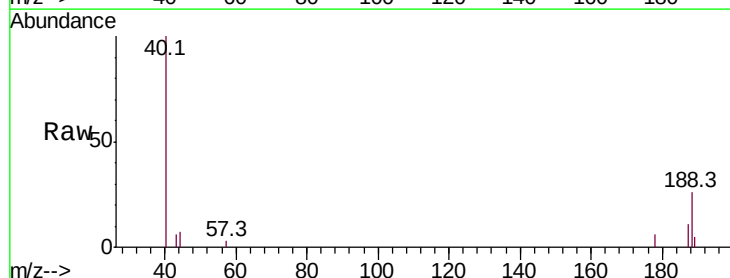


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

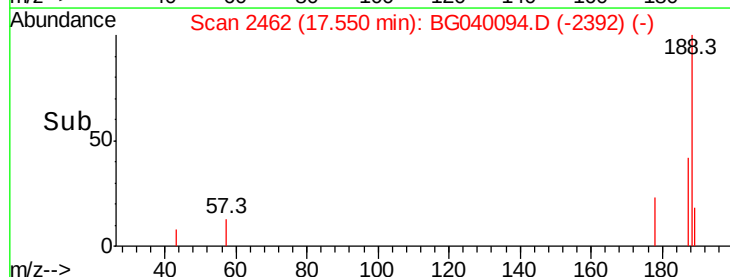
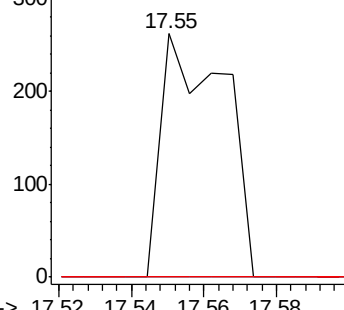


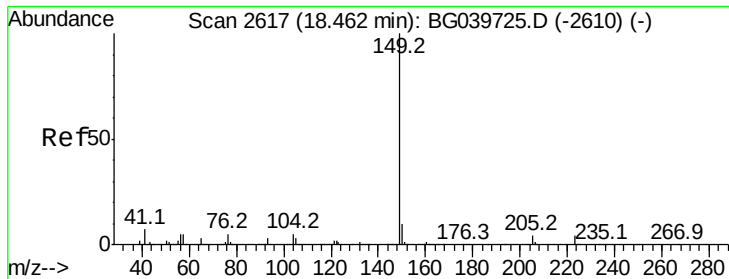
#72
 Anthracene
 Concen: 0.017 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.12 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Tgt Ion:178 Resp: 316
 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: 0.019 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampled :

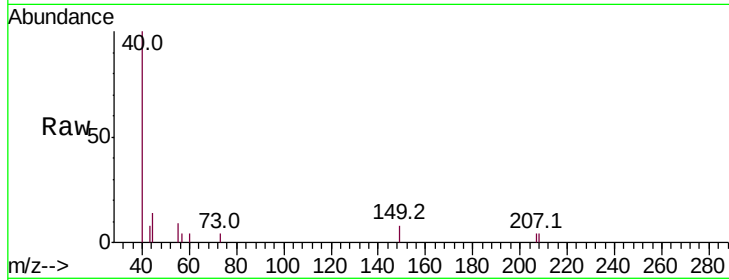
Tot Ion:149 Resp: 369

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

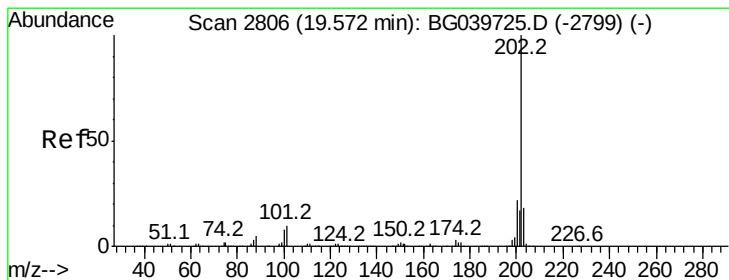
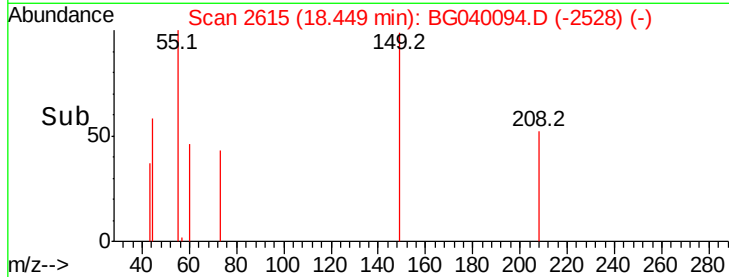
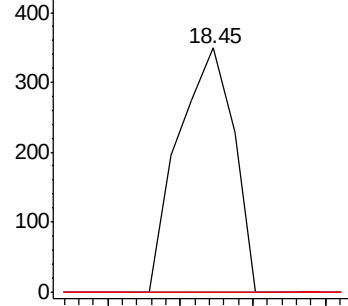
104 0.0 4.5 6.7#



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



#75

Fluoranthene

Concen: 0.003 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

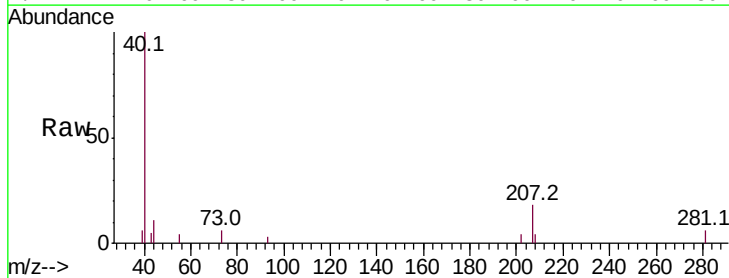
Tgt Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

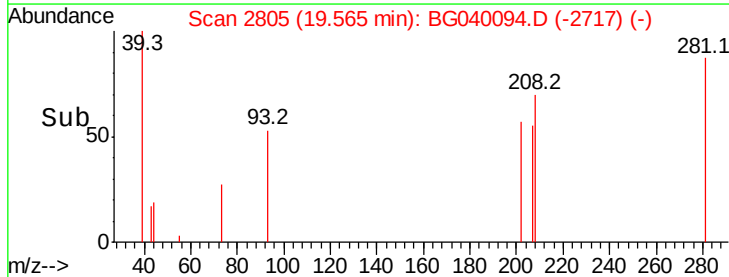
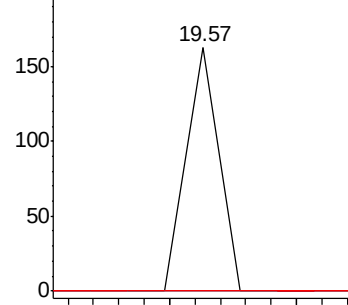
203 0.0 0.0 38.9

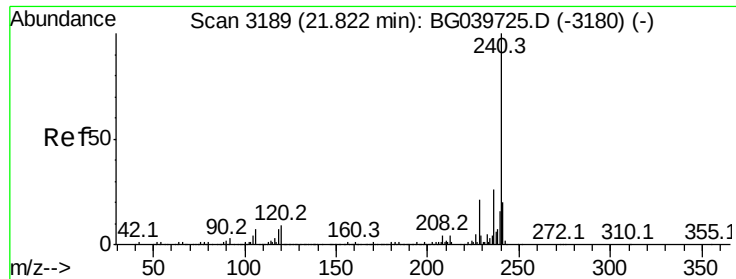


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

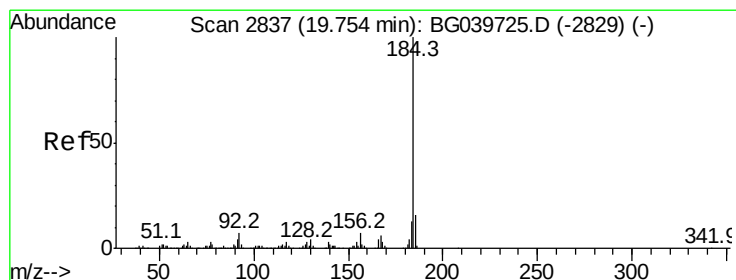
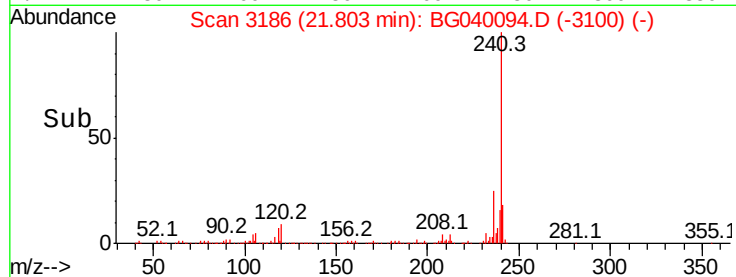
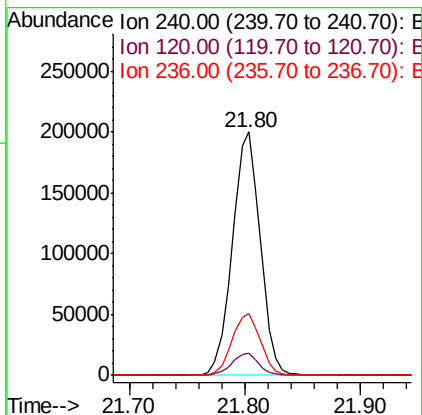
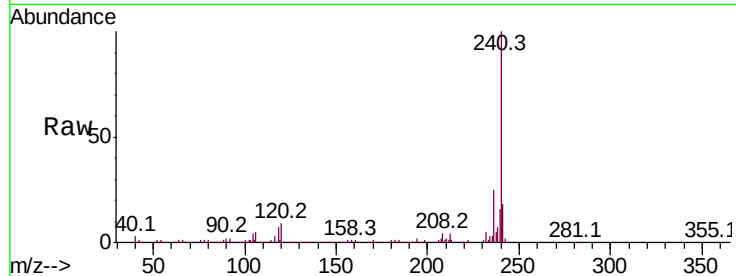




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

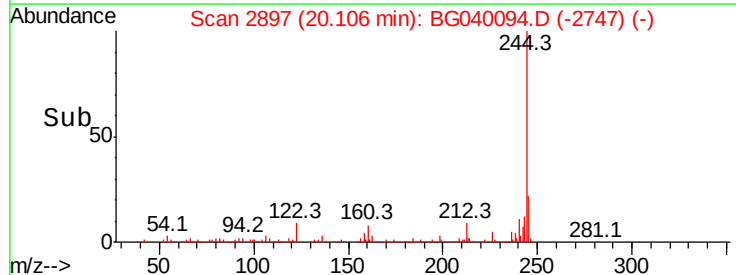
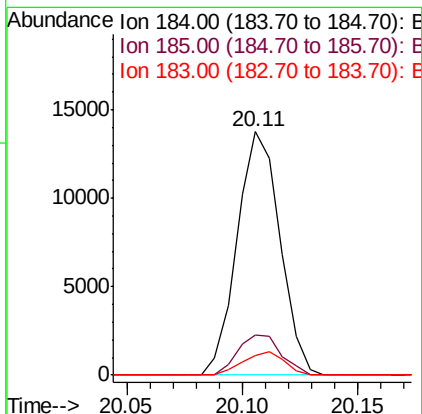
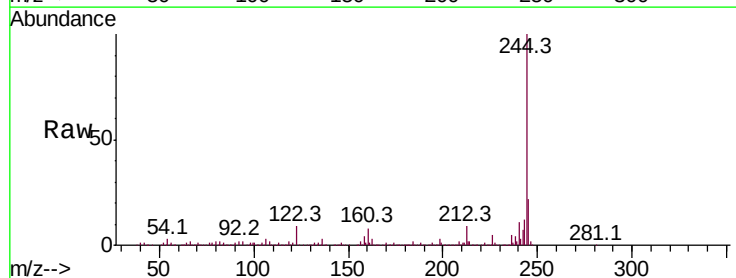
Instrument :
 BNA_G
 ClientSampled :

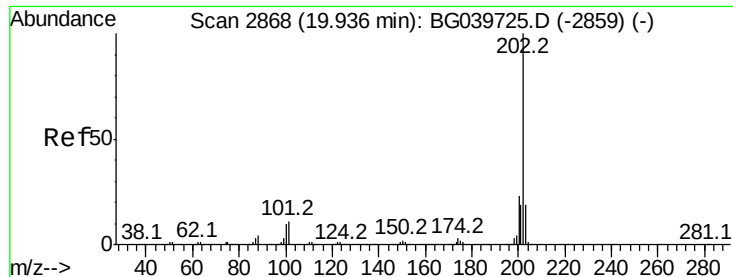
Tot Ion:240 Resp: 334070
 Ion Ratio Lower Upper
 240 100
 120 8.9 7.0 10.6
 236 25.3 21.0 31.4



#77
 Benzidine
 Concen: 1.677 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. 0.35 min
 Lab File: BG040094.D
 Acq: 22 Mar 2019 22:15

Tgt Ion:184 Resp: 17779
 Ion Ratio Lower Upper
 184 100
 185 16.4 12.2 18.2
 183 8.2 10.6 15.8#





#78

Pvrene

Concen: 0.180 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.16 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

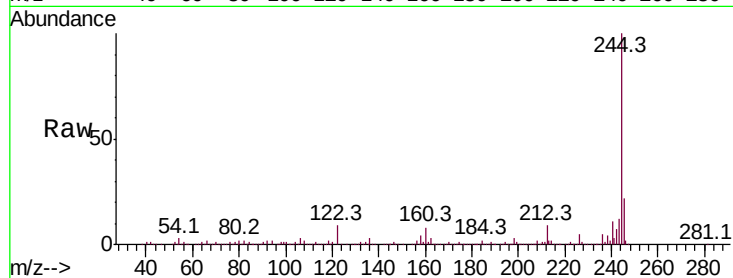
Tot Ion:202 Resp: 3910

Ion Ratio Lower Upper

202 100

200 45.5 17.8 26.8#

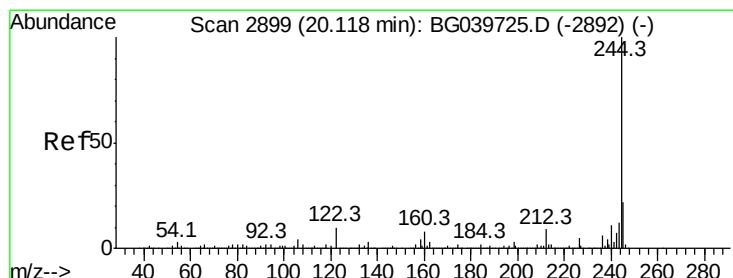
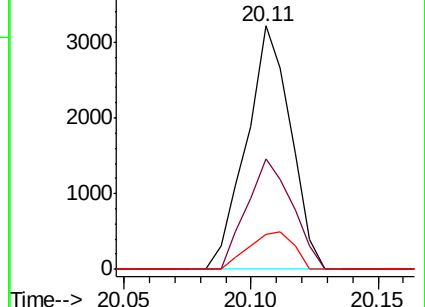
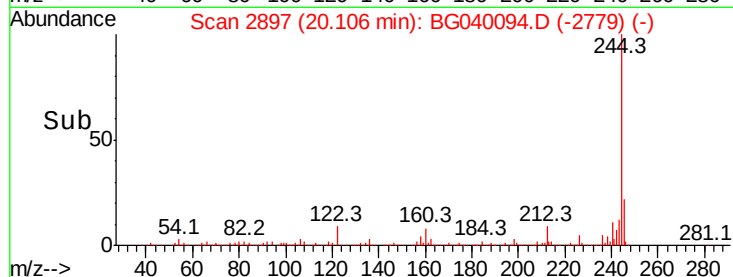
203 14.2 15.3 22.9#



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: 69.418 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

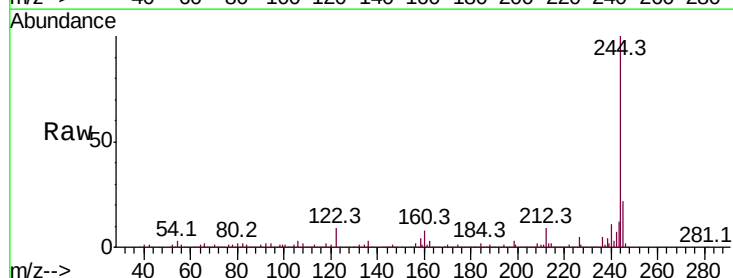
Tgt Ion:244 Resp: 1053244

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

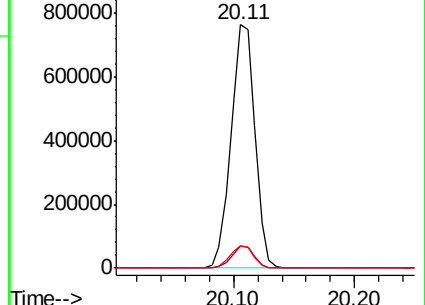
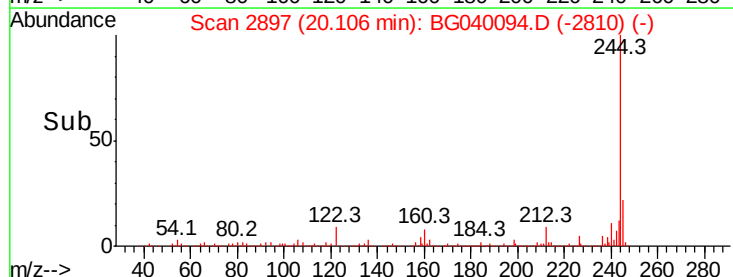
122 9.2 8.4 12.6

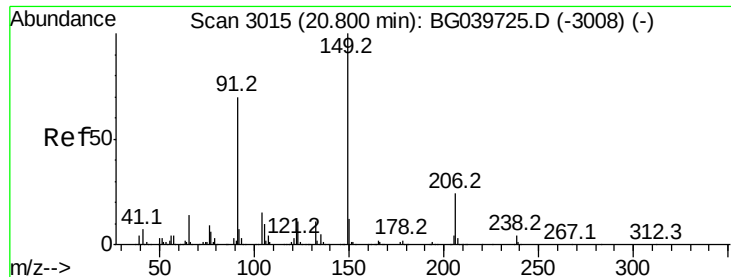


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

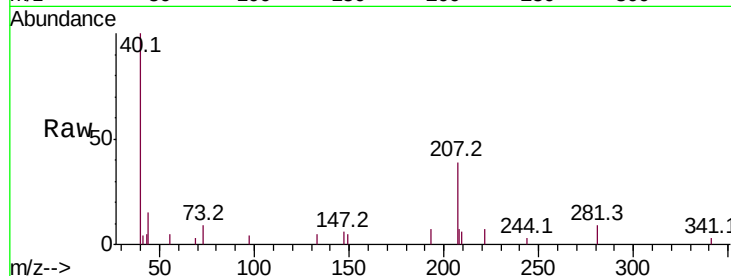




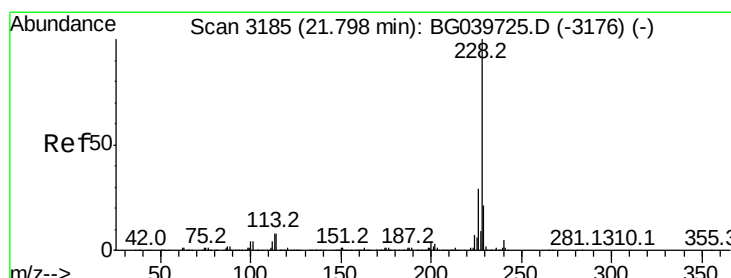
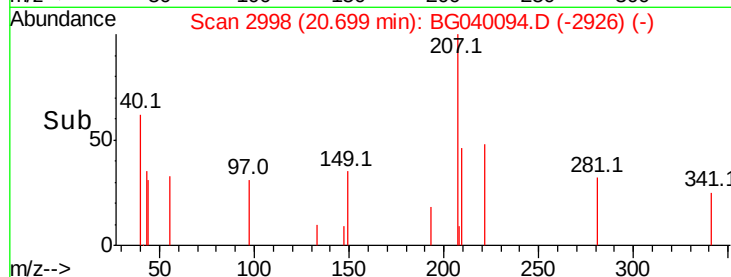
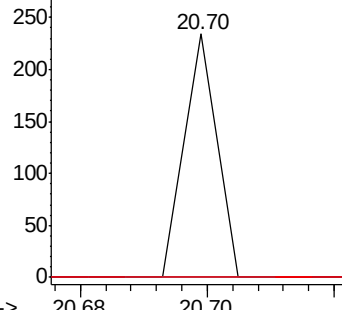
#80
Butylbenzylphthalate
Concen: 0.010 ng
RT: 20.70 min Scan# 2998
Delta R.T. -0.11 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 82
Ion Ratio Lower Upper
149 100
91 0.0 59.5 89.3#
206 0.0 18.6 27.8#

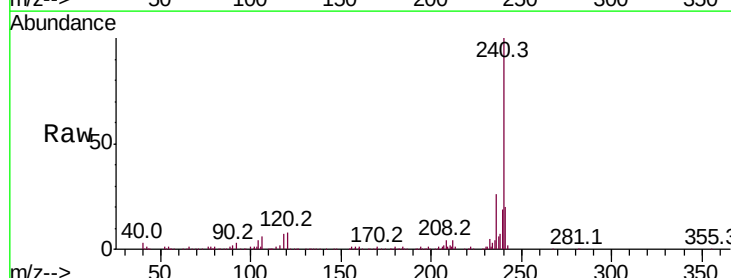


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

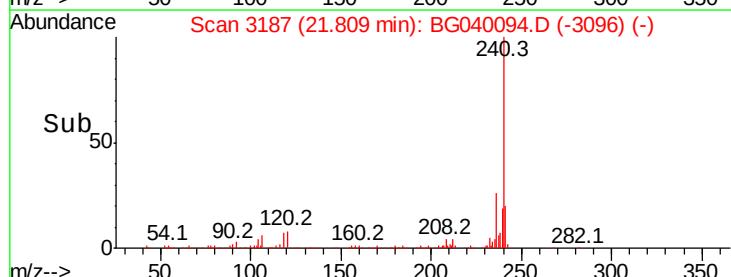
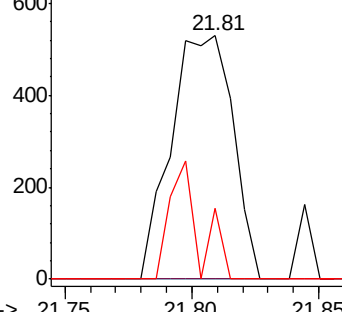


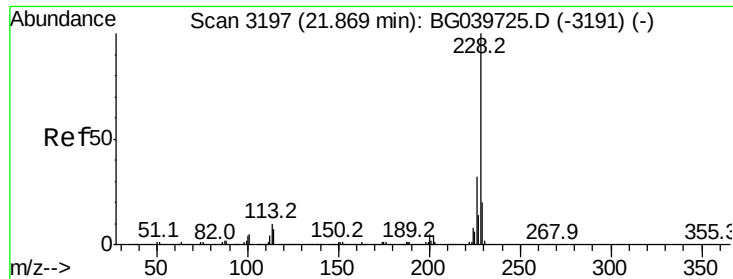
#81
Benzo(a)anthracene
Concen: 0.043 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

Tgt Ion:228 Resp: 901
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 29.1 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





#83

Chrysene

Concen: 0.003 ng

RT: 21.84 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

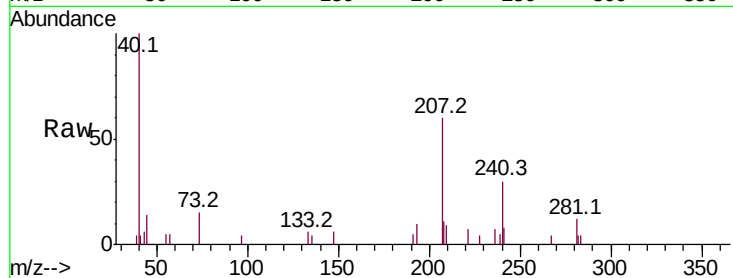
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 57

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	0.0	16.6	25.0#



Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.84

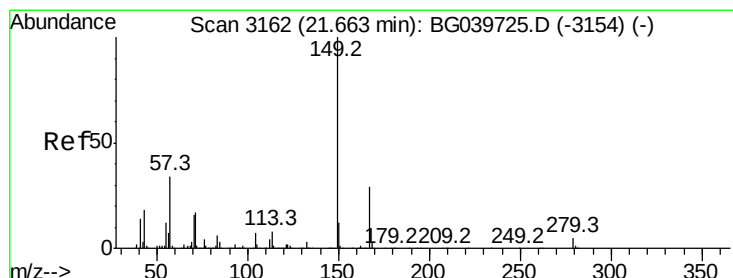
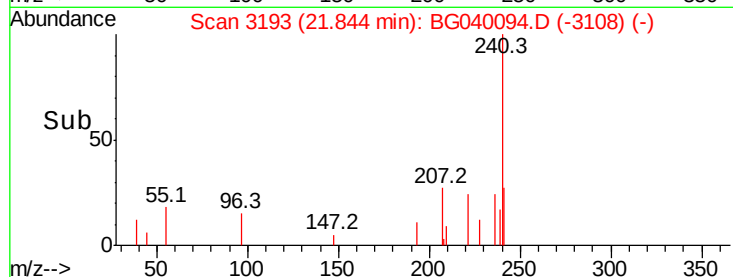
150

100

50

0

Time--> 21.83 21.84 21.85 21.86



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.039 ng

RT: 21.64 min Scan# 3159

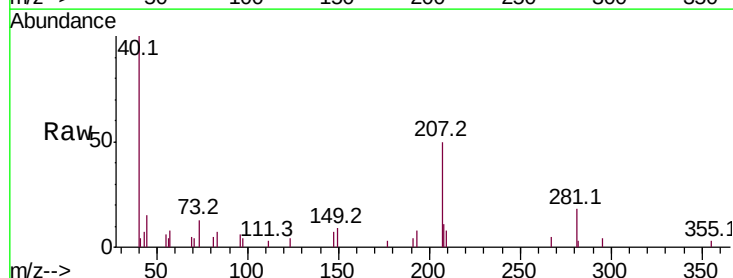
Delta R.T. -0.02 min

Lab File: BG040094.D

Acq: 22 Mar 2019 22:15

Tgt Ion:149 Resp: 465

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

21.64

400

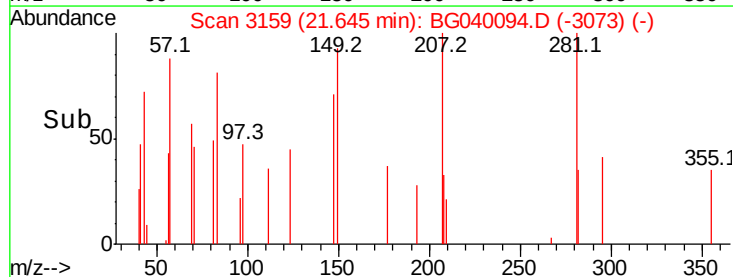
300

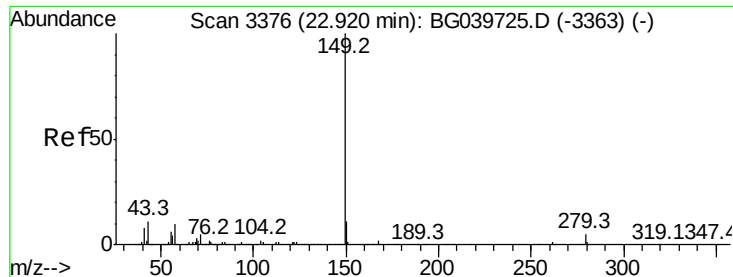
200

100

0

Time--> 21.62 21.64 21.66

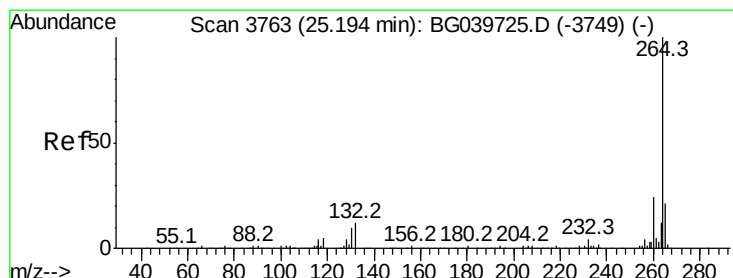
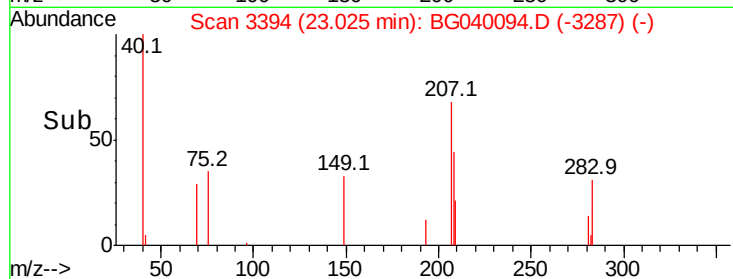
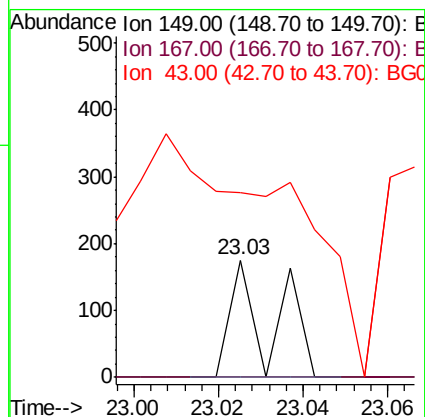
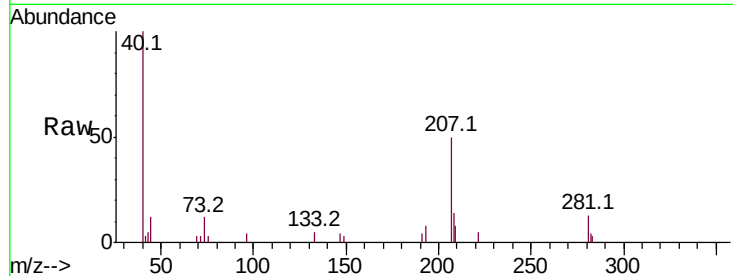




#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 23.03 min Scan# 3394
Delta R.T. 0.10 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

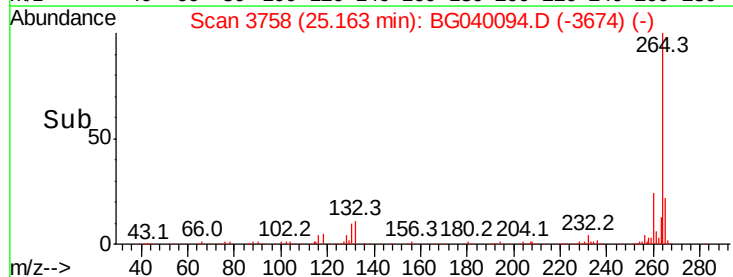
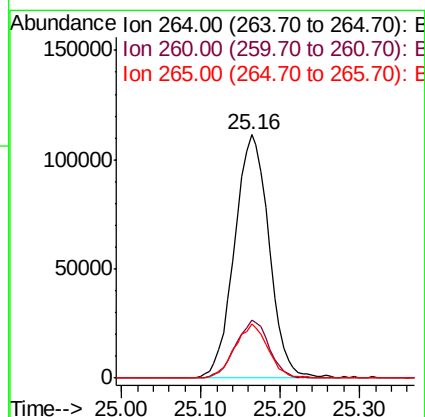
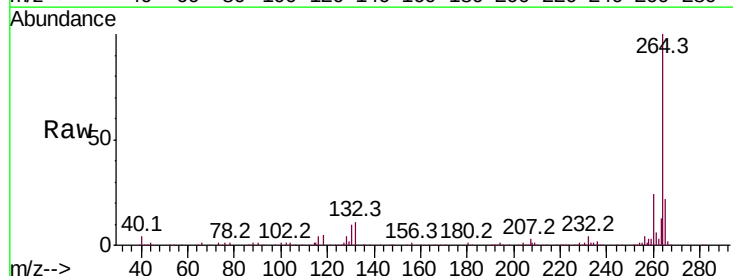
Instrument :
BNA_G
ClientSampled :

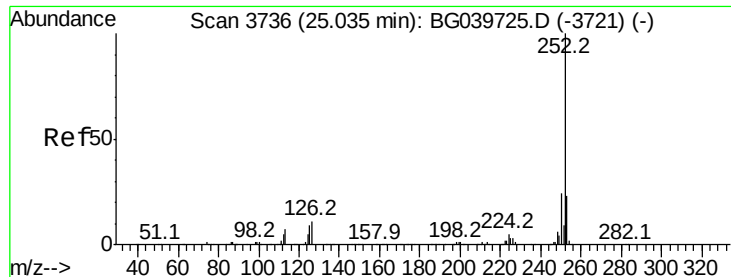
Tot Ion:149 Resp: 119
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.2 15.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040094.D
Acq: 22 Mar 2019 22:15

Tgt Ion:264 Resp: 337109
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 22.2 18.5 27.7





#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BG040094.D

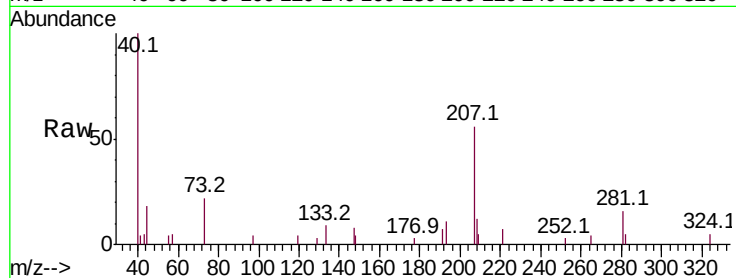
Acq: 22 Mar 2019 22:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	55
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

