

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
 Data File : BG040070.D
 Acq On : 21 Mar 2019 17:51
 Operator : JU/SJ
 Sample : PB118155TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118155TB

Quant Time: Mar 22 01:34:02 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	8.14	152	32331	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	145298	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	106818	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	269652	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	268876	20.00	ng	-0.03
87) Perylene-d12	25.16	264	269233	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	241061	127.20	ng	-0.02
7) Phenol-d6	7.29	99	352971	124.91	ng	-0.02
23) Nitrobenzene-d5	9.32	82	204486	76.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	123774	99.41	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	557675	74.34	ng	-0.03
79) Terphenyl-d14	20.10	244	938081	76.82	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	55	0.063	ng	# 1
4) n-Nitrosodimethylamine	3.93	42	115	0.103	ng	# 1
6) Aniline	7.67	93	329	0.089	ng	# 1
9) Benzaldehyde	7.29	77	509	0.279	ng	# 4
10) Phenol	7.67	94	574	0.188	ng	# 1
11) bis(2-Chloroethyl)ether	7.67	93	329	0.138	ng	# 1
15) Benzyl Alcohol	8.47	79	3072	1.370	ng	# 47
17) 2-Methylphenol	8.69	107	65	0.033	ng	# 10
19) n-Nitroso-di-n-propylamine	9.32	70	26058	12.812	ng	# 69
20) 3+4-Methylphenols	8.69	107	65	0.024	ng	# 21
24) Nitrobenzene	9.31	77	681	0.242	ng	# 41
46) 1,1'-Biphenyl	13.61	154	685	0.078	ng	# 90
48) 2-Nitroaniline	13.39	65	727	0.342	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	13863	7.321	ng	# 22
52) Acenaphthene	14.79	154	67	0.010	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	13863	5.210	ng	# 17
58) Fluorene	16.25	166	5065	0.601	ng	# 80
63) Azobenzene	16.25	77	710	0.089	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.25	198	420	0.263	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	5248	0.672	ng	# 48
67) 4-Bromophenyl-phenylether	16.25	248	9382	3.108	ng	# 1
71) Phenanthrene	17.52	178	55	0.004	ng	# 59
72) Anthracene	17.52	178	55	0.004	ng	# 60
74) Di-n-butylphthalate	18.45	149	223	0.015	ng	# 77
77) Benzidine	20.10	184	16369	1.918	ng	# 95
78) Pyrene	20.10	202	3530	0.202	ng	# 73
80) Butylbenzylphthalate	20.77	149	55	0.008	ng	# 22
81) Benzo(a)anthracene	21.80	228	838	0.050	ng	# 52
83) Chrysene	21.80	228	838	0.051	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.64	149	64	0.007	ng	# 52
85) Di-n-octyl phthalate	22.96	149	62	0.004	ng	# 1
90) Benzo(a)pyrene	25.15	252	935	0.063	ng	# 43

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QLast Update : Mon Mar 04 14:38:15 2019
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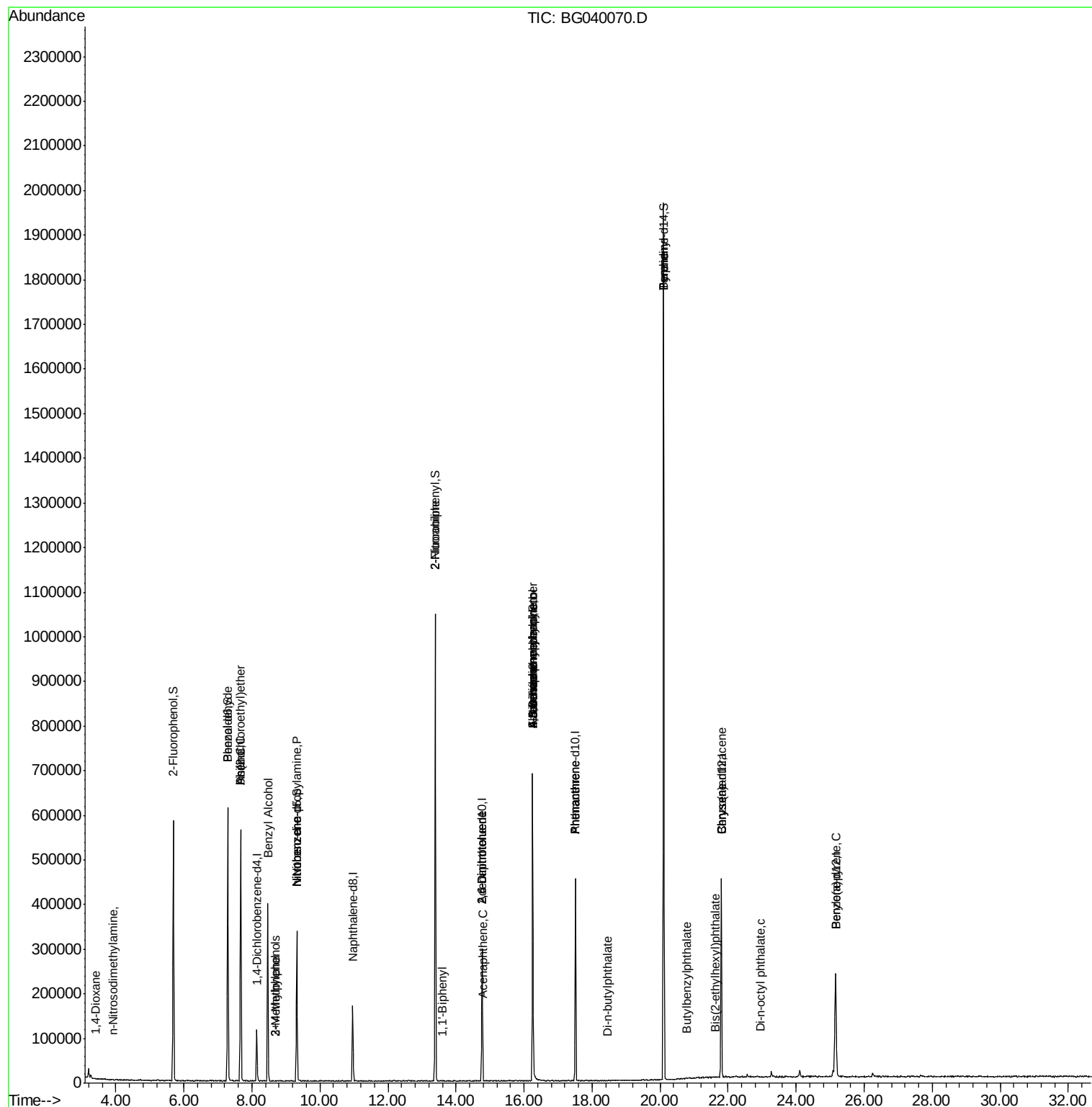
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

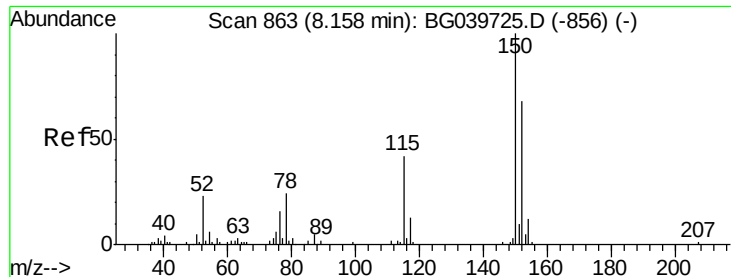
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

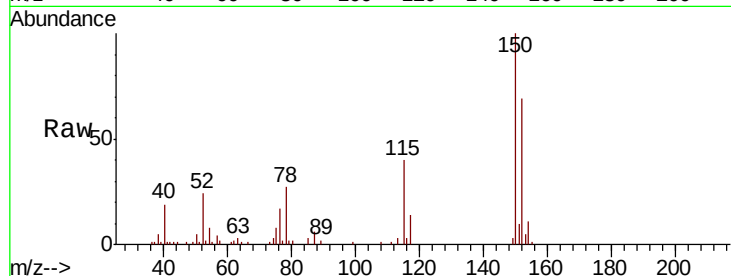
Tgt Ion:152 Resp: 32331

Ion Ratio Lower Upper

152 100

150 143.9 123.7 185.5

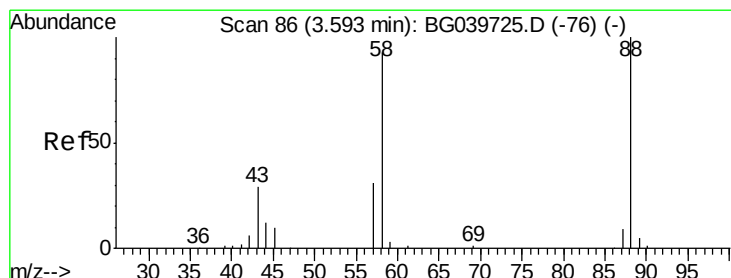
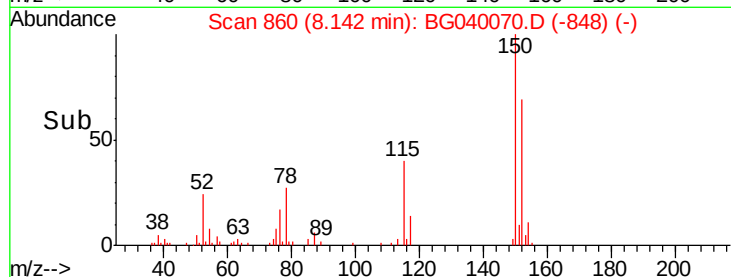
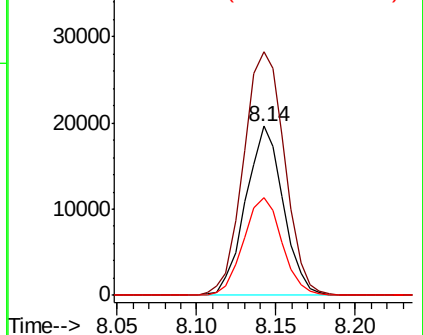
115 57.7 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.063 ng

RT: 3.42 min Scan# 56

Delta R.T. -0.19 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

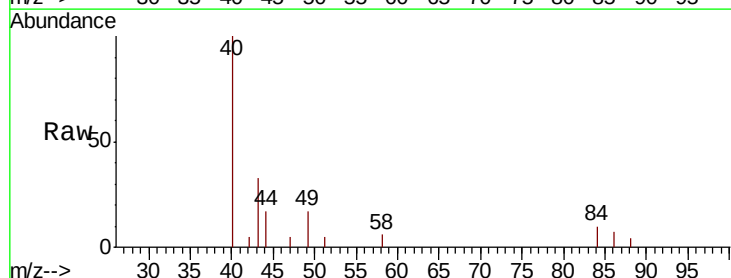
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

58 1543.6 81.1 121.7#

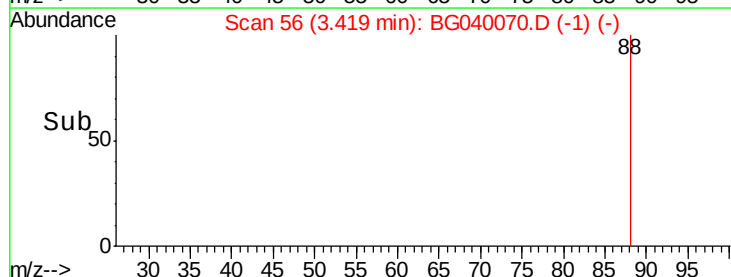
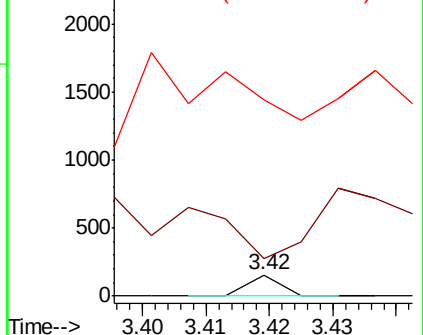
43 420.0 31.4 47.0#

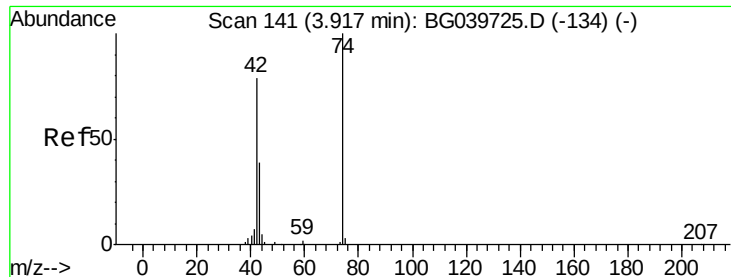


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.103 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.00 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

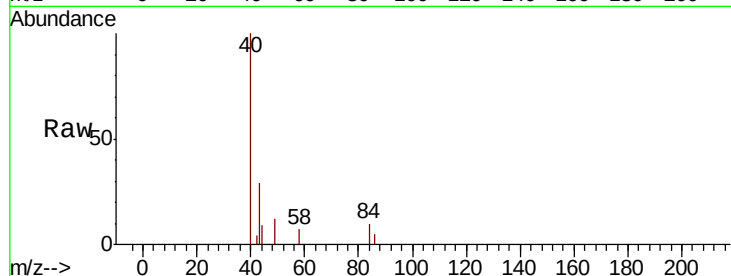
Tgt Ion: 42 Resp: 115

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

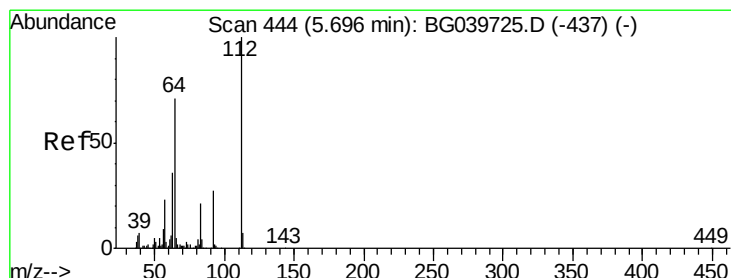
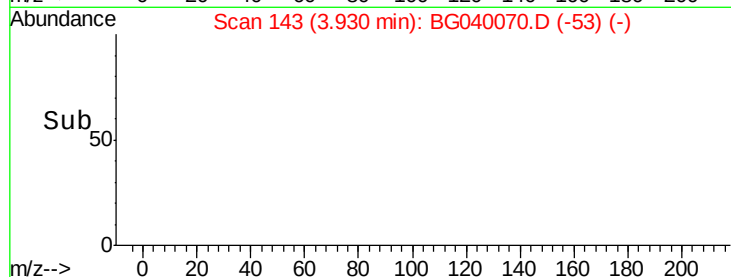
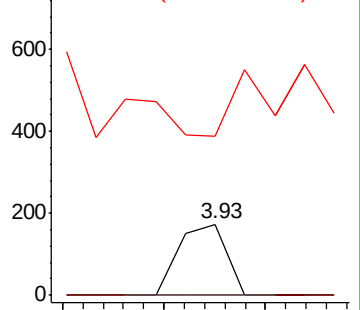
44 224.3 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 127.201 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

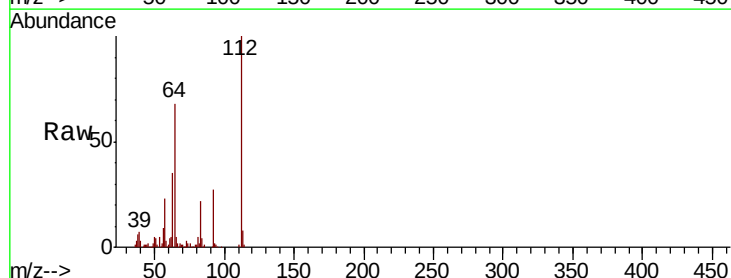
Tgt Ion: 112 Resp: 241061

Ion Ratio Lower Upper

112 100

64 68.2 57.8 86.8

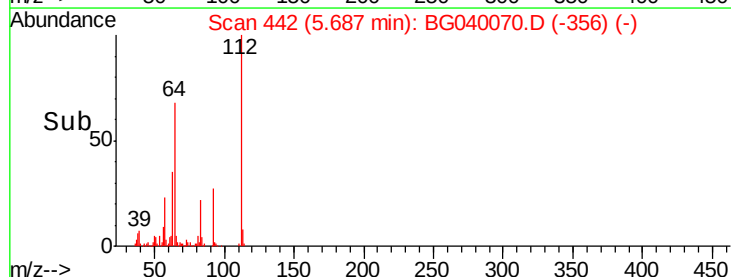
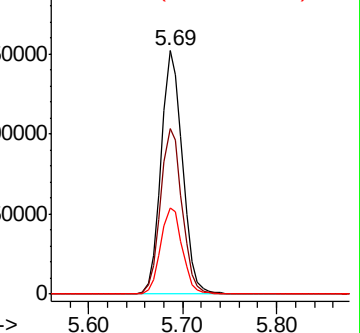
63 35.3 29.8 44.6

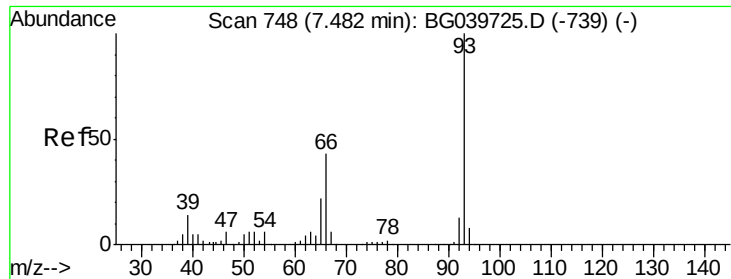


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.089 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

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ClientSampleId :

PB118155TB

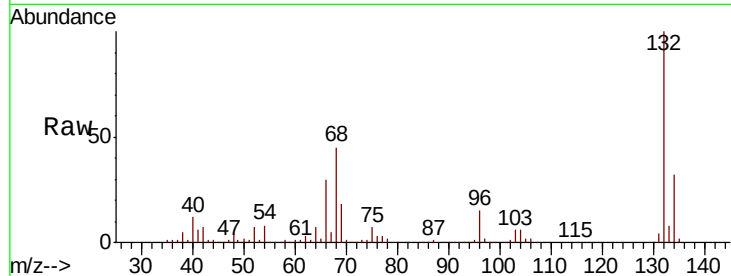
Tgt Ion: 93 Resp: 329

Ion Ratio Lower Upper

93 100

66 12384.0 34.2 51.4#

65 993.4 17.7 26.5#

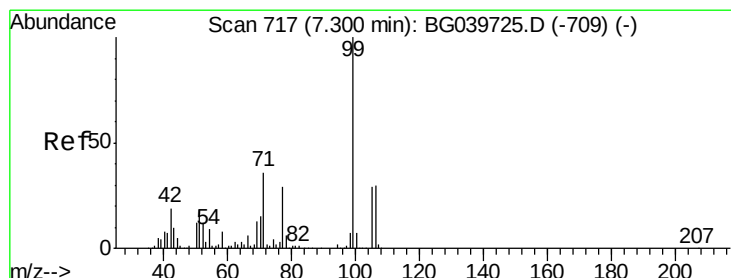
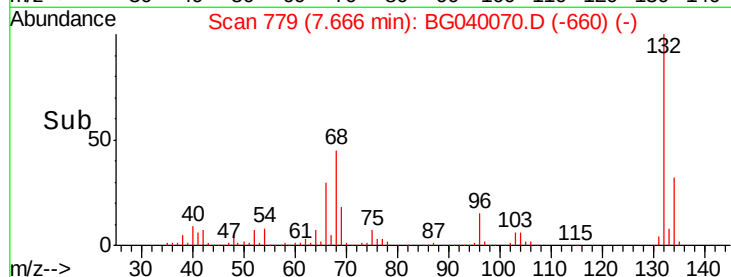
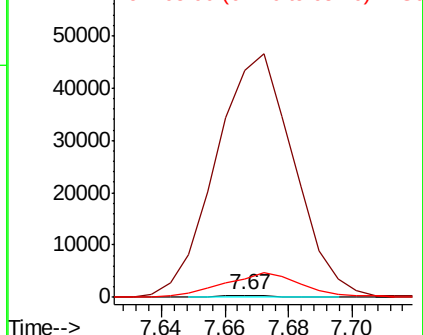


Abundance

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: 124.913 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

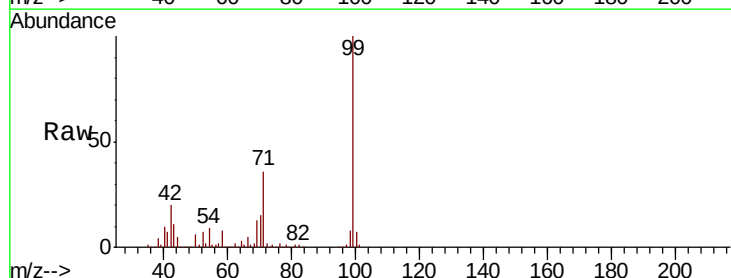
Tgt Ion: 99 Resp: 352971

Ion Ratio Lower Upper

99 100

42 19.6 18.2 27.2

71 36.5 28.0 42.0

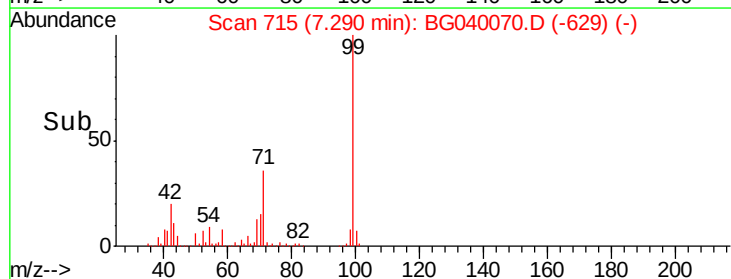
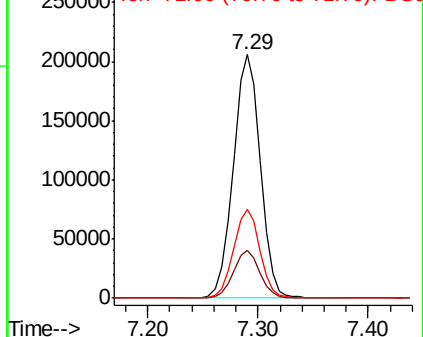


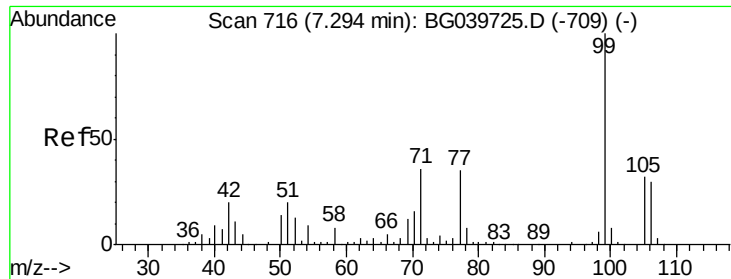
Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.279 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampled :

PB118155TB

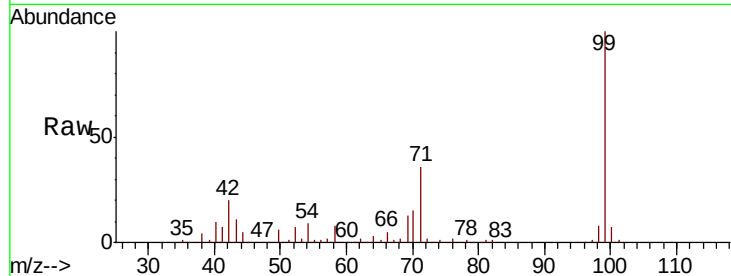
Tgt Ion: 77 Resp: 509

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

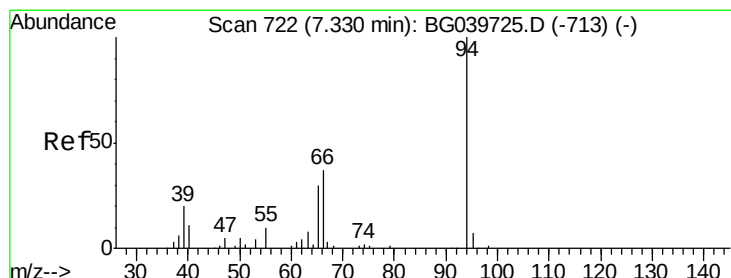
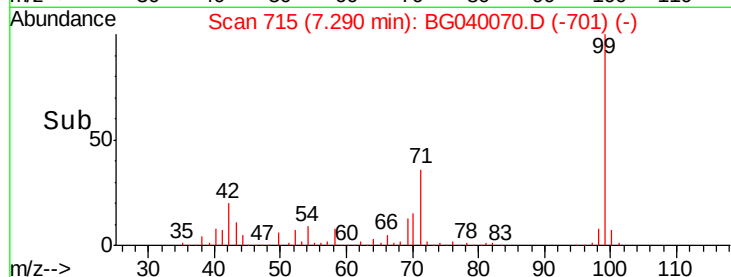
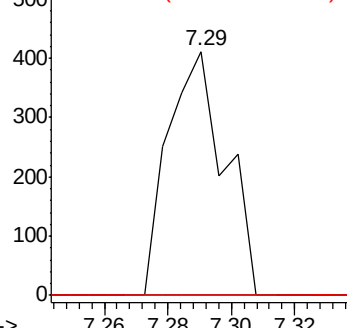
106 0.0 68.0 108.0#



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: 0.188 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.34 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

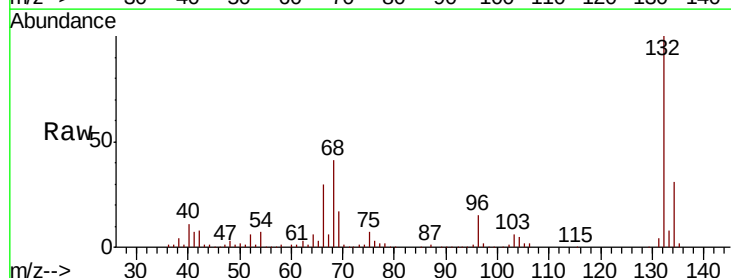
Tgt Ion: 94 Resp: 574

Ion Ratio Lower Upper

94 100

65 1108.4 11.7 51.7#

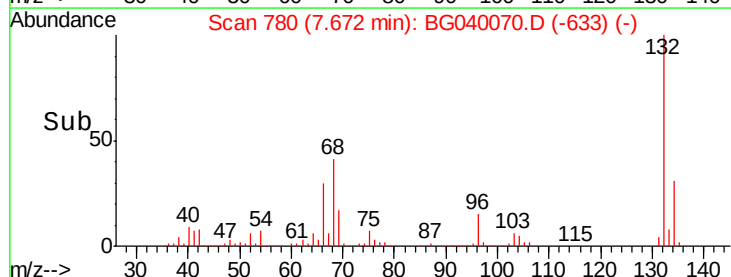
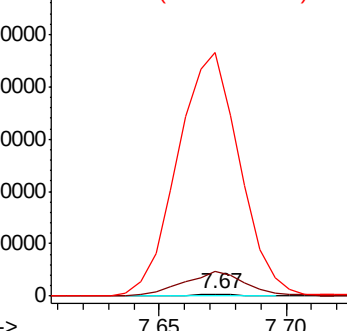
66 10797.2 23.7 63.7#

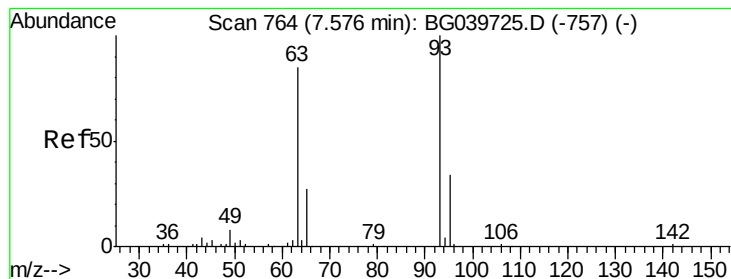


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 0.138 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.08 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

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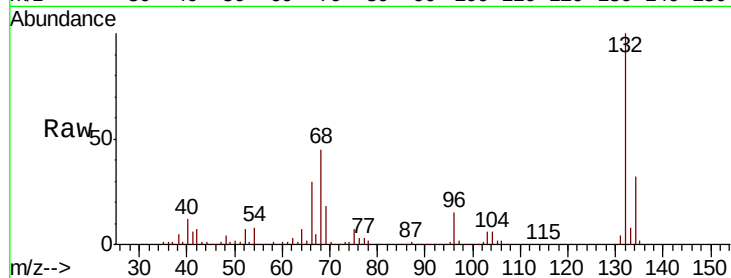
Tgt Ion: 93 Resp: 329

Ion Ratio Lower Upper

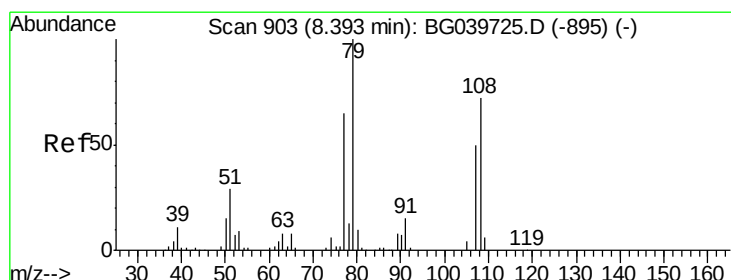
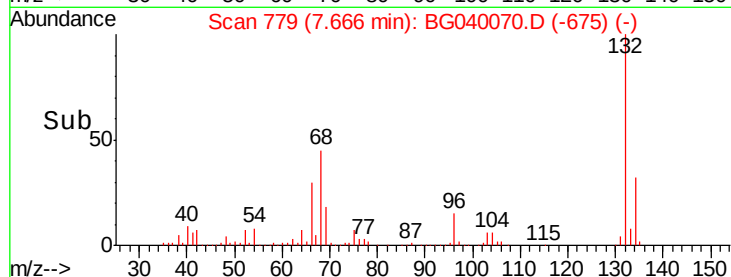
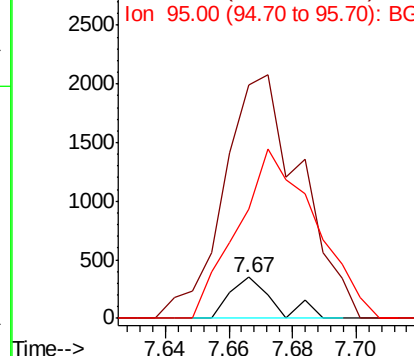
93 100

63 570.6 69.5 109.5#

95 266.6 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: 1.370 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.06 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

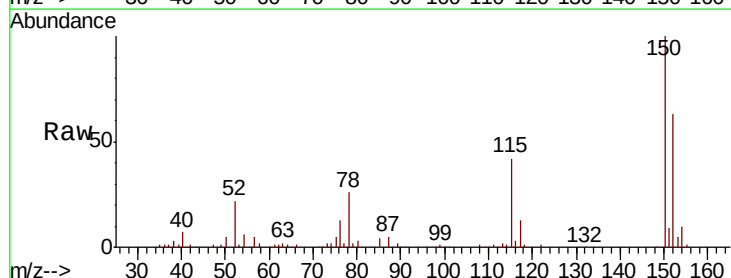
Tgt Ion: 79 Resp: 3072

Ion Ratio Lower Upper

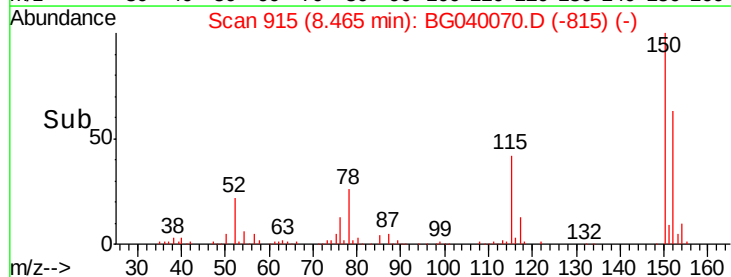
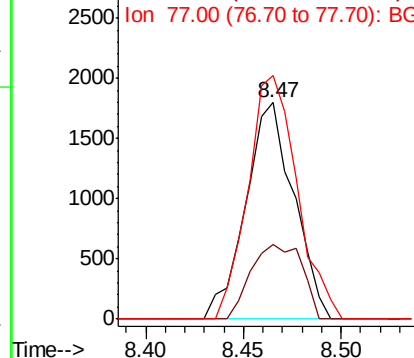
79 100

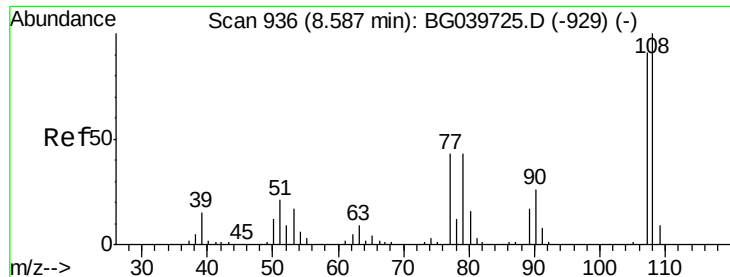
108 34.7 57.8 86.6#

77 112.5 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

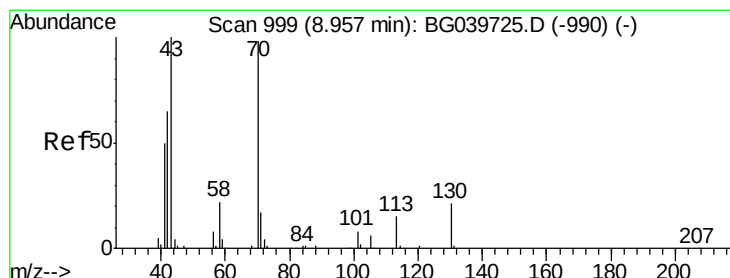
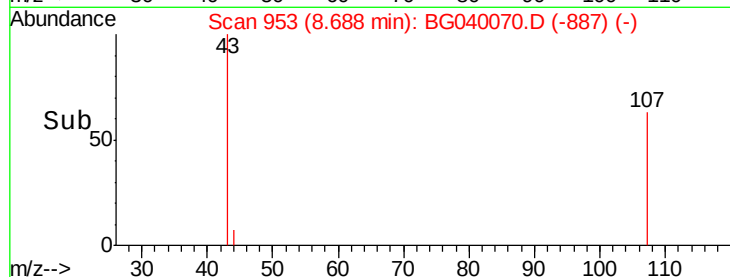
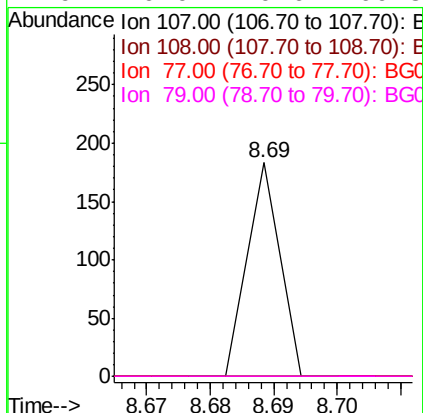
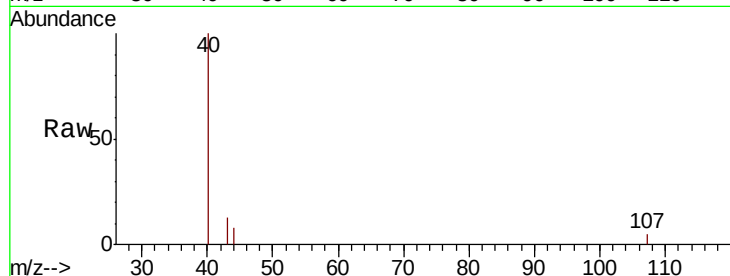




#17
2-Methylphenol
Concen: 0.033 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.09 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

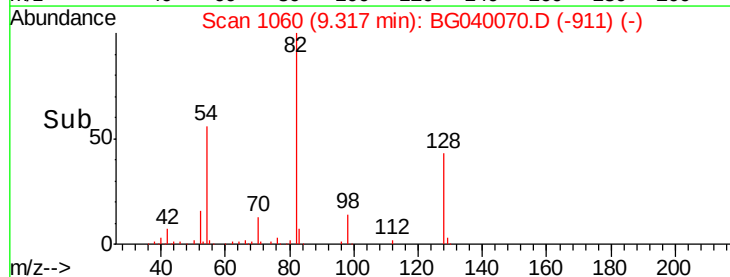
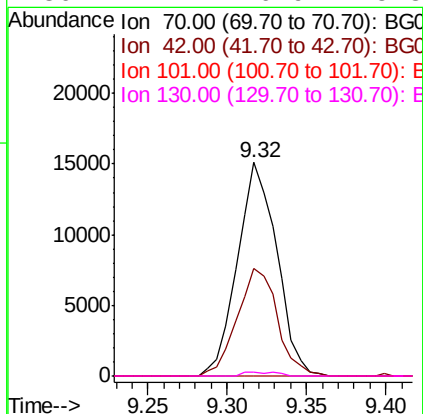
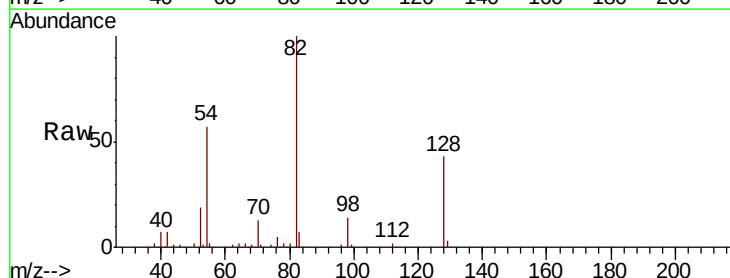
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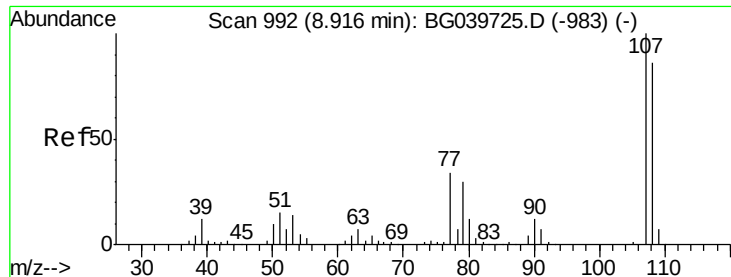
Tgt Ion:	107	Resp:	65
Ion	Ratio	Lower	Upper
107	100		
108	0.0	90.8	136.2#
77	0.0	40.7	61.1#
79	0.0	40.6	60.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.812 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

Tgt Ion:	70	Resp:	26058
Ion	Ratio	Lower	Upper
70	100		
42	50.6	60.4	90.6#
101	0.0	7.5	11.3#
130	1.7	16.9	25.3#

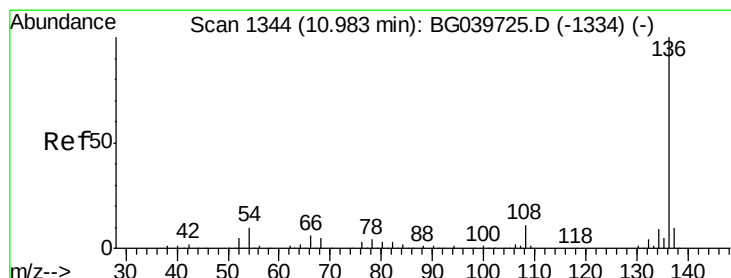
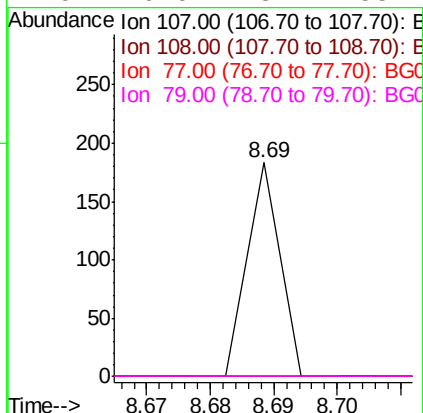
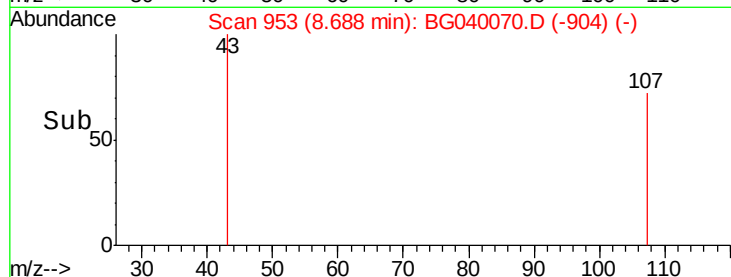
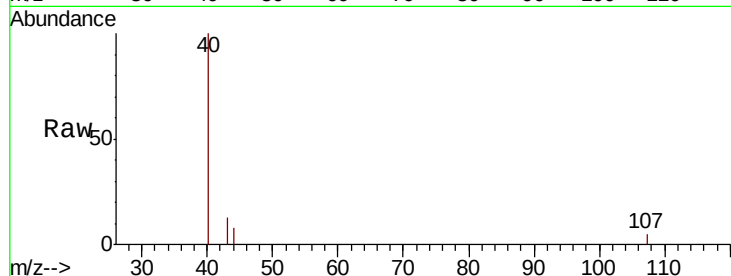




#20
3+4-Methylphenols
Concen: 0.024 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.24 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

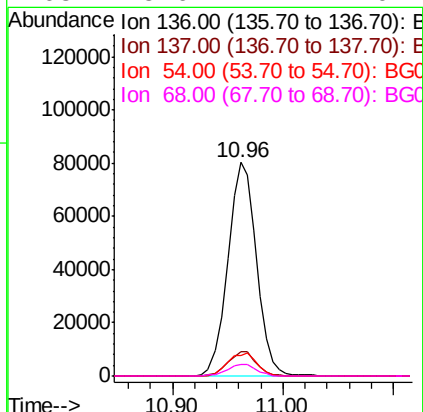
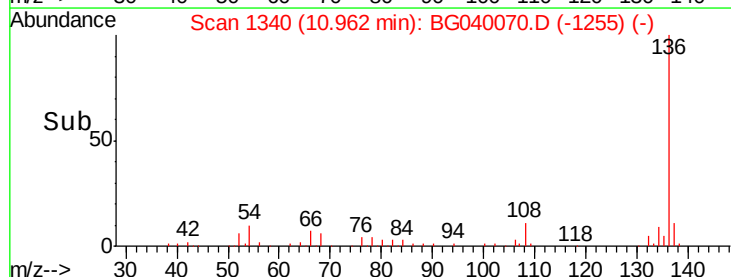
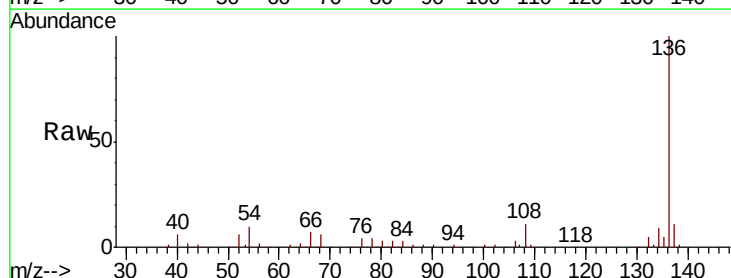
Instrument :
BNA_G
ClientSampleId :
PB118155TB

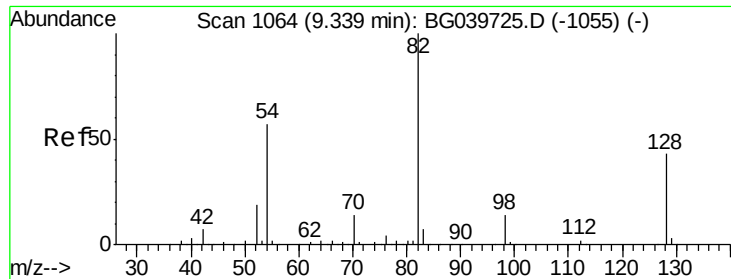
Tgt Ion:107 Resp: 65
Ion Ratio Lower Upper
107 100
108 0.0 67.9 107.9#
77 0.0 15.4 55.4#
79 0.0 13.7 53.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

Tgt Ion:136 Resp: 145298
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.7 9.4 14.2
68 5.6 4.2 6.4

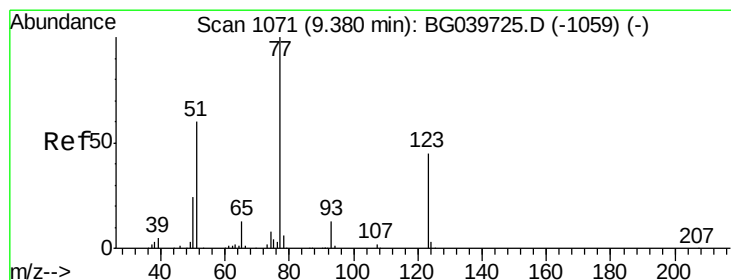
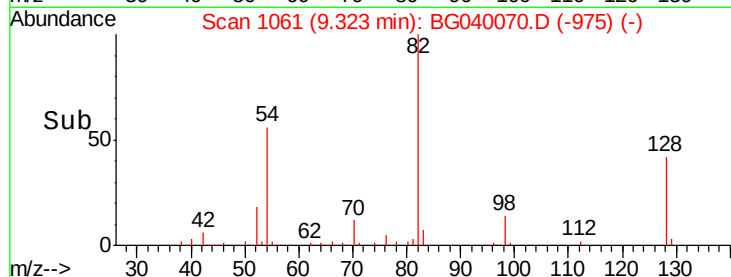
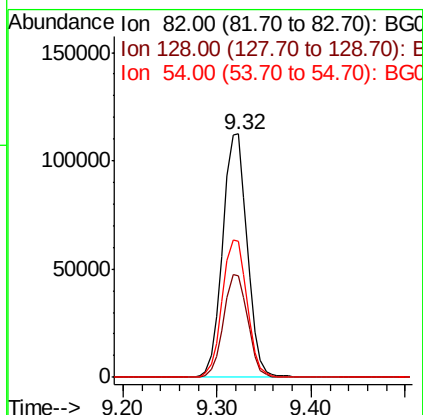
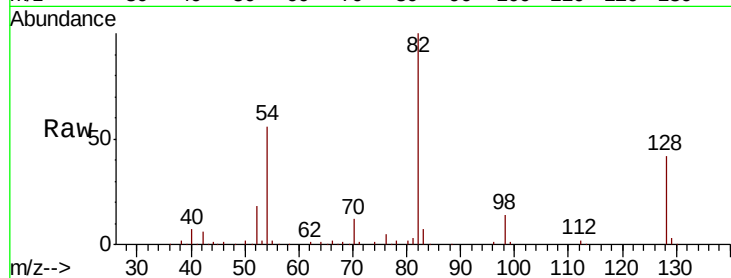




#23
 Nitrobenzene-d5
 Concen: 76.115 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

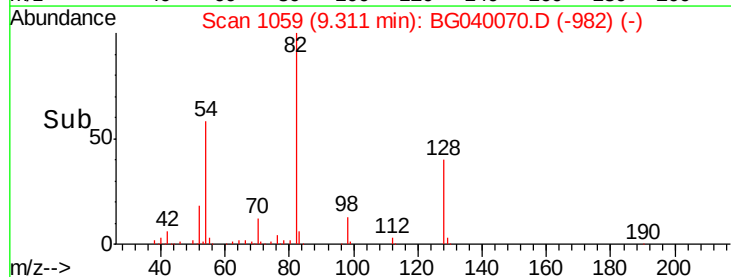
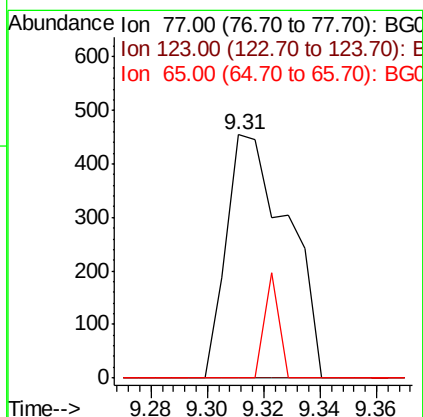
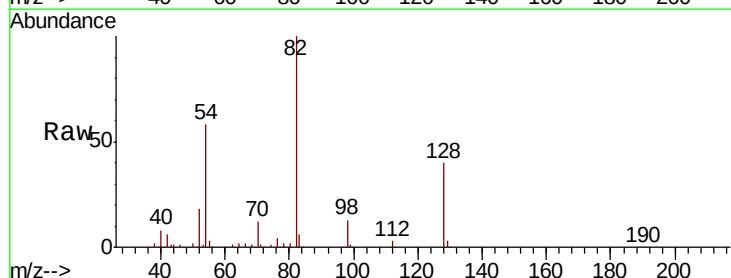
Instrument :
 BNA_G
 ClientSampleId :
 PB118155TB

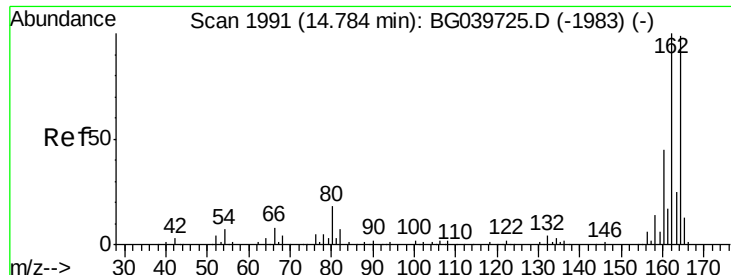
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	56.1	50.9	76.3



#24
 Nitrobenzene
 Concen: 0.242 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.08 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

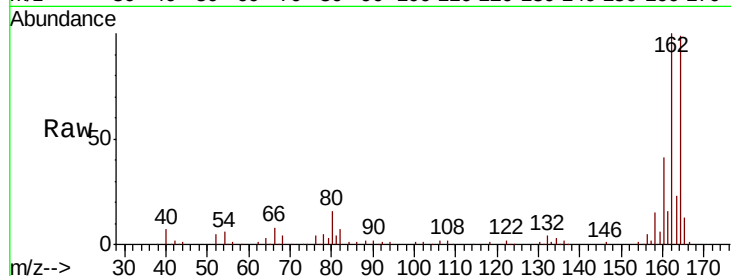
Tgt Ion:164 Resp: 106818

Ion Ratio Lower Upper

164 100

162 101.4 81.6 122.4

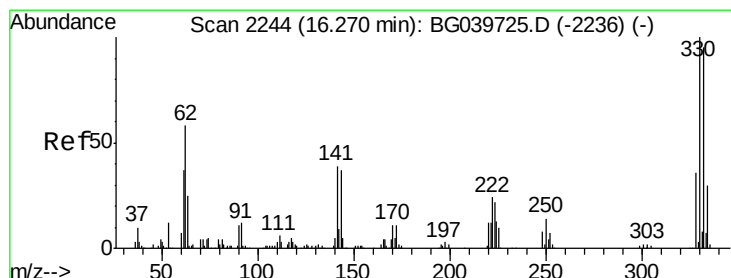
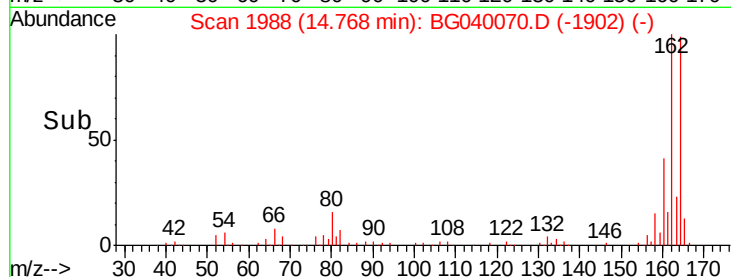
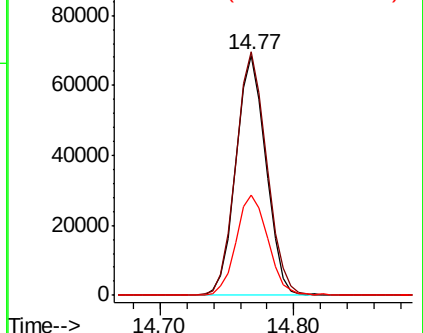
160 41.7 34.2 51.2



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: 99.413 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

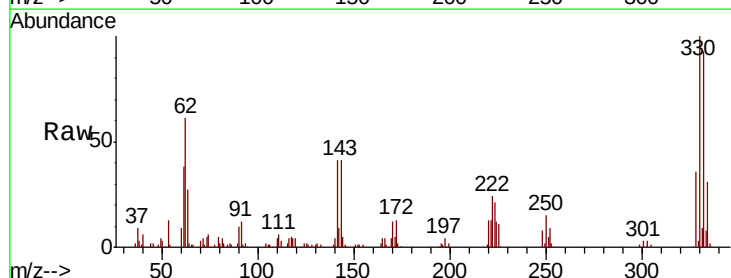
Tgt Ion:330 Resp: 123774

Ion Ratio Lower Upper

330 100

332 98.5 75.7 113.5

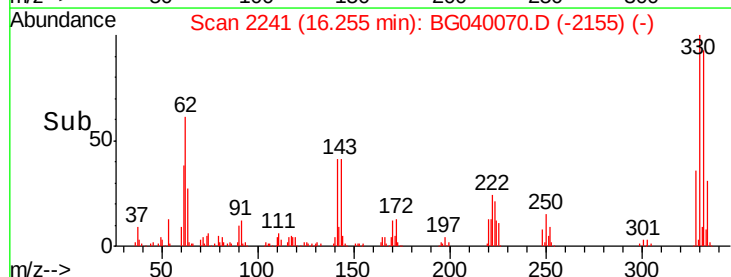
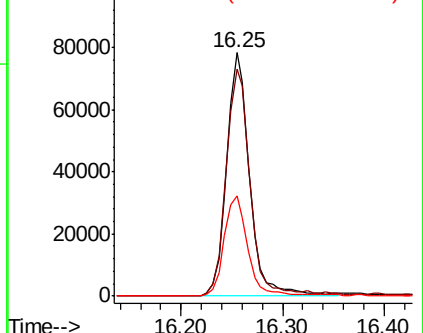
141 41.9 35.6 53.4

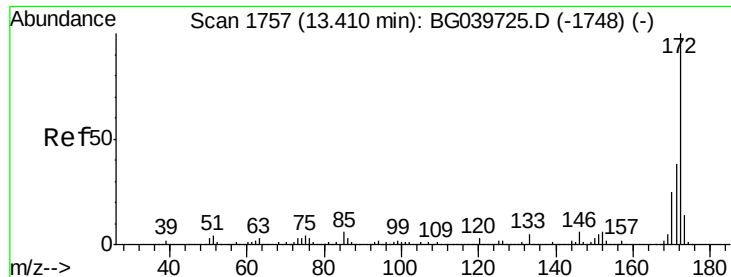


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

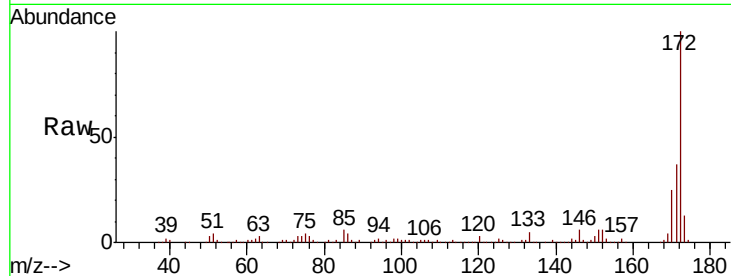




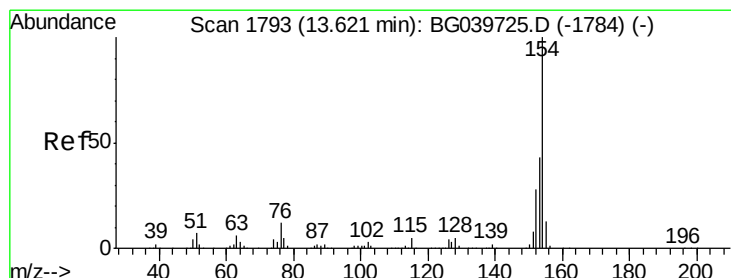
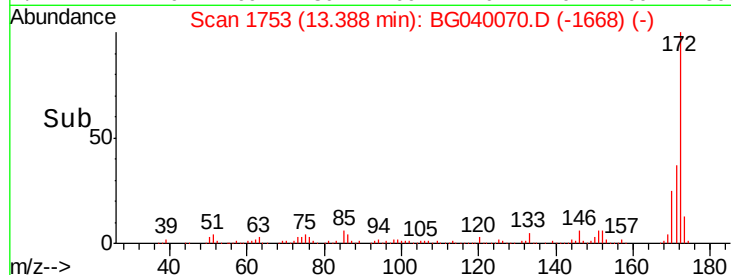
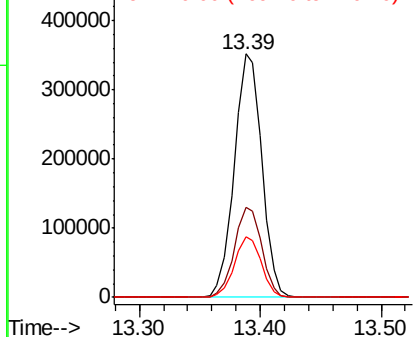
#45
 2-Fluorobiphenyl
 Concen: 74.335 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 PB118155TB

Tgt Ion:172 Resp: 557675
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.7 20.2 30.4

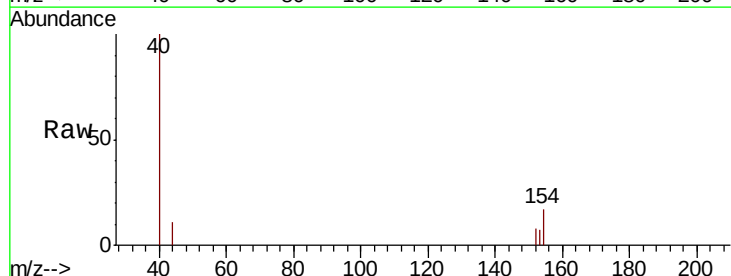


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

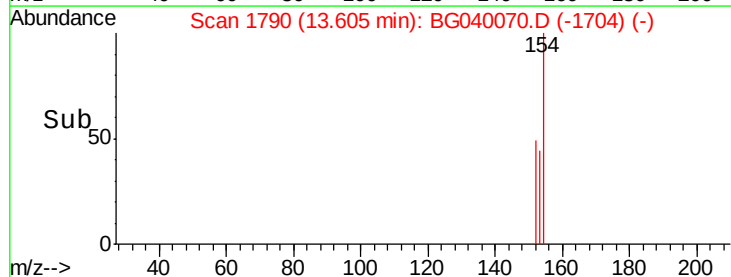
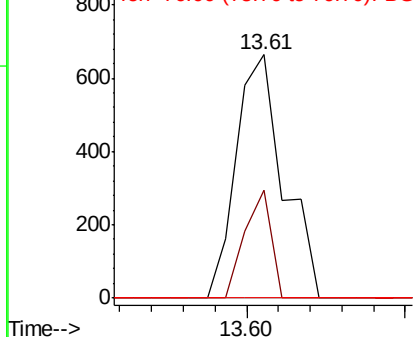


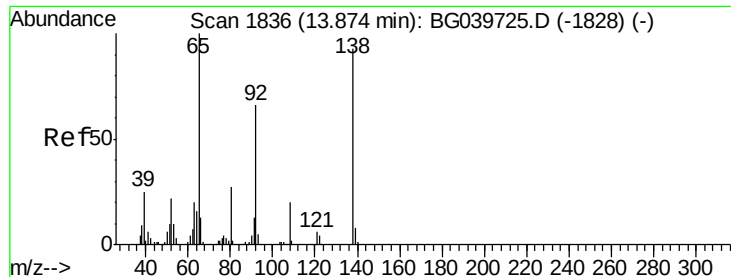
#46
 1,1'-Biphenyl
 Concen: 0.078 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

Tgt Ion:154 Resp: 685
 Ion Ratio Lower Upper
 154 100
 153 44.1 22.1 62.1
 76 0.0 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG0

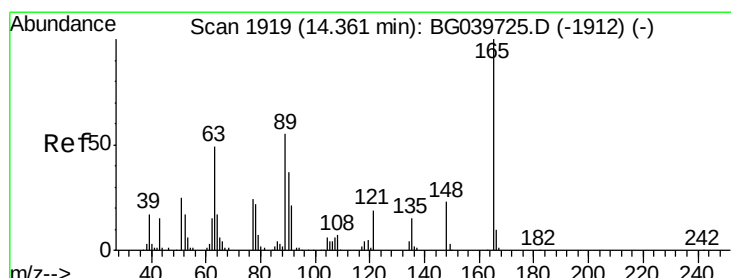
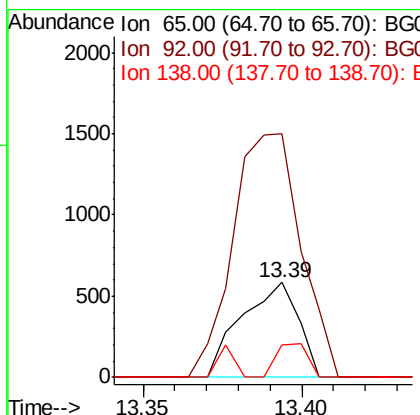
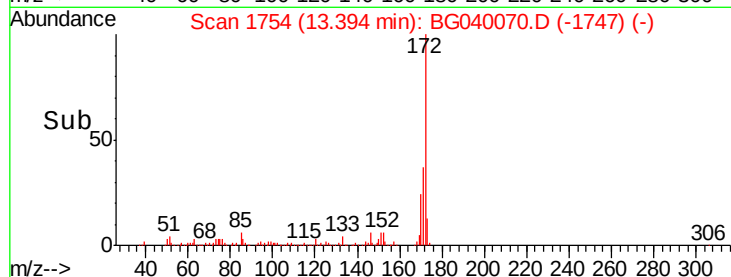
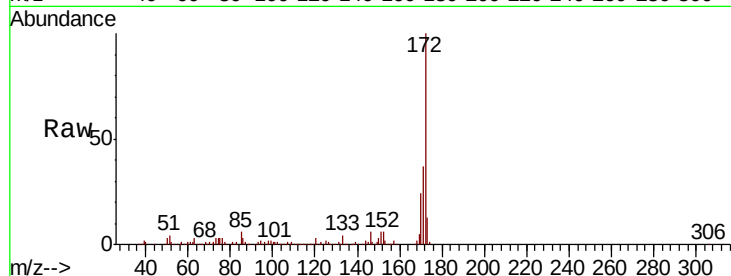




#48
2-Nitroaniline
Concen: 0.342 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.49 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

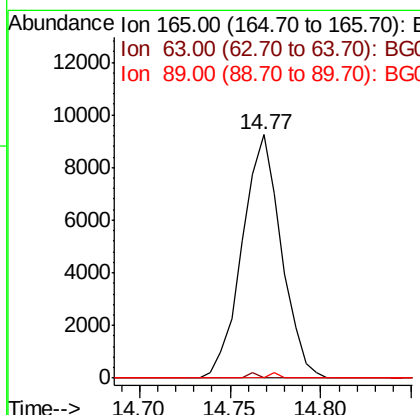
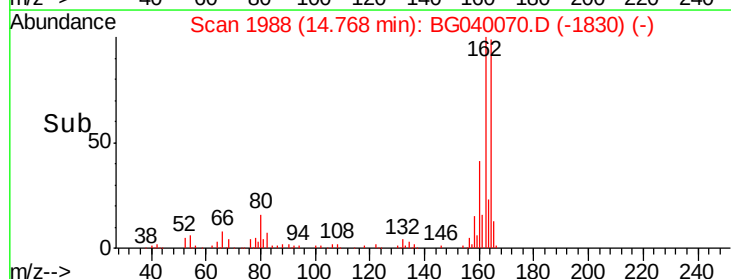
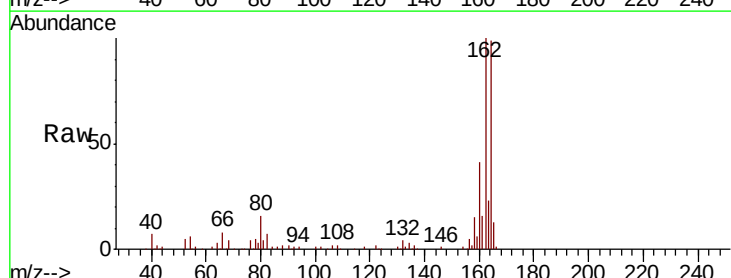
Instrument :
BNA_G
ClientSampleId :
PB118155TB

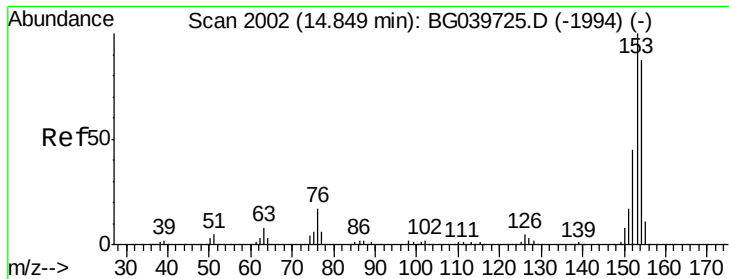
Tgt Ion: 65 Resp: 727
Ion Ratio Lower Upper
65 100
92 256.7 51.4 77.2#
138 34.2 71.4 107.2#



#51
2,6-Dinitrotoluene
Concen: 7.321 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

Tgt Ion: 165 Resp: 13863
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 0.0 45.8 68.8#





#52

Acenaphthene

Concen: 0.010 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.06 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

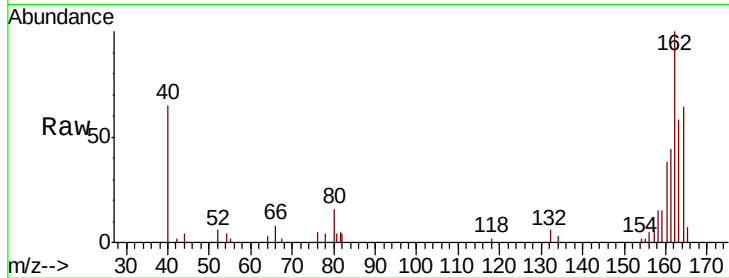
Tgt Ion:154 Resp: 67

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

152 0.0 40.9 61.3#

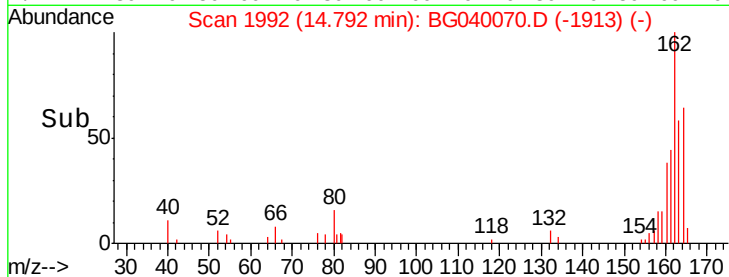


Abundance Ion 154.00 (153.70 to 154.70): E

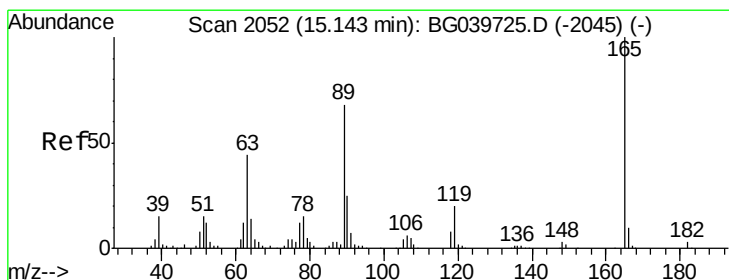
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#57

2,4-Dinitrotoluene

Concen: 5.210 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Tgt Ion:165 Resp: 13863

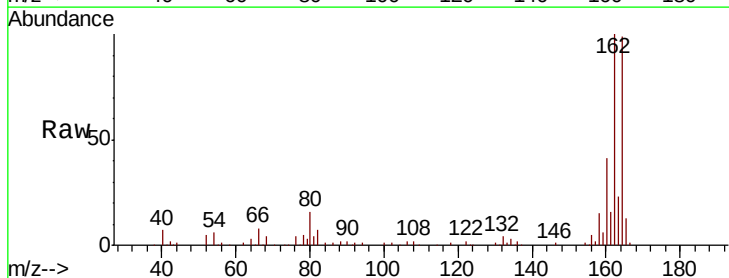
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#



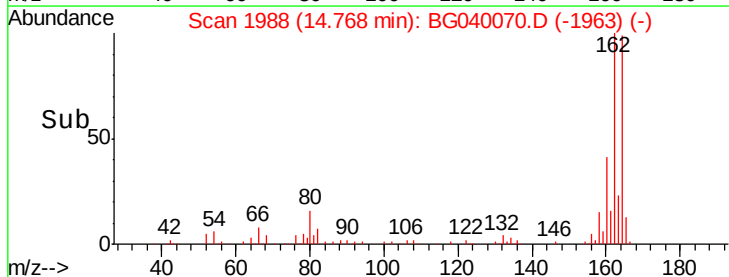
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

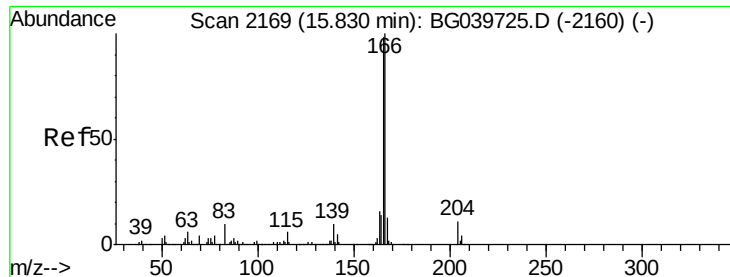
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#58

Fluorene

Concen: 0.601 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

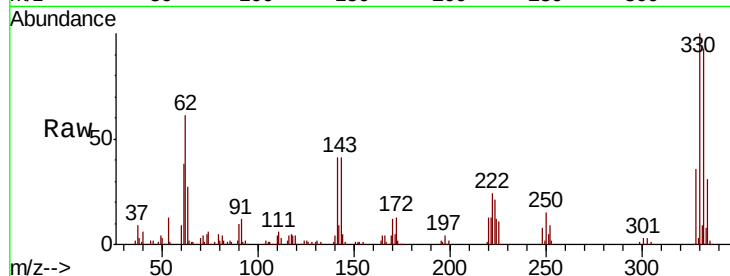
Tgt Ion: 166 Resp: 5065

Ion Ratio Lower Upper

166 100

165 112.4 77.9 116.9

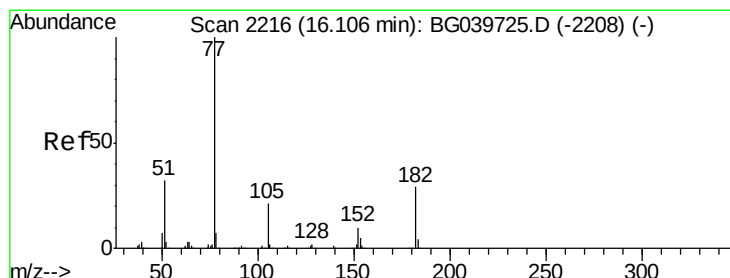
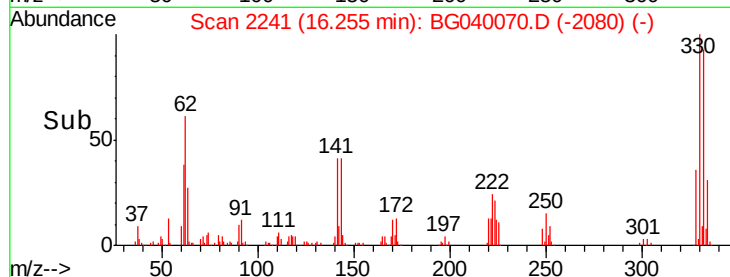
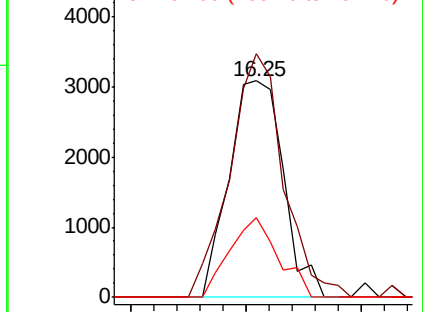
167 36.6 10.8 16.2#



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



#63

Azobenzene

Concen: 0.089 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.14 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Tgt Ion: 77 Resp: 710

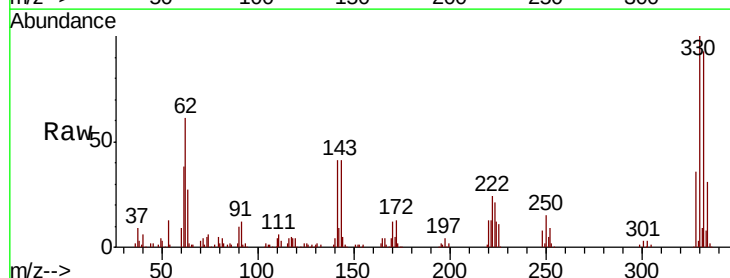
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 128.4 0.0 39.8#

51 86.3 14.1 54.1#

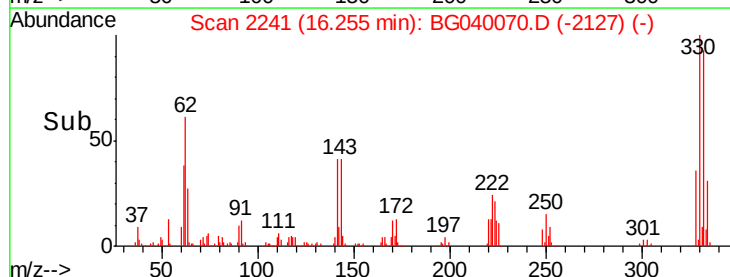
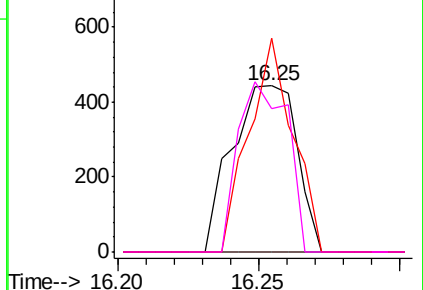


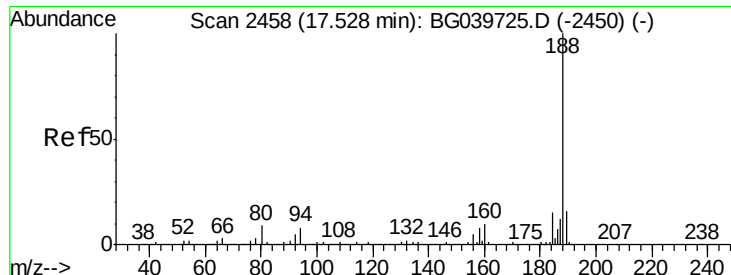
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

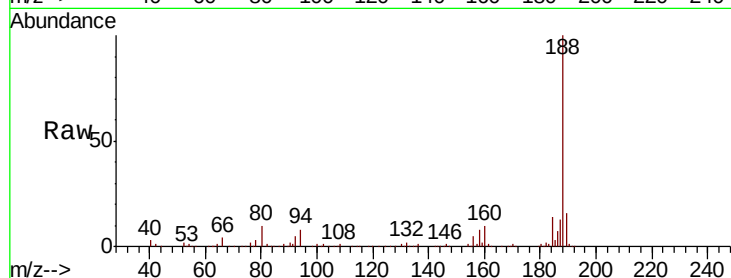
Tgt Ion:188 Resp: 269652

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

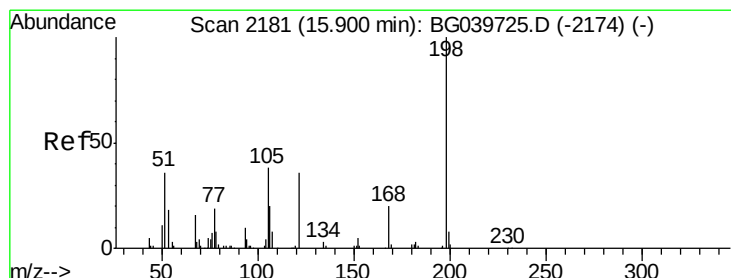
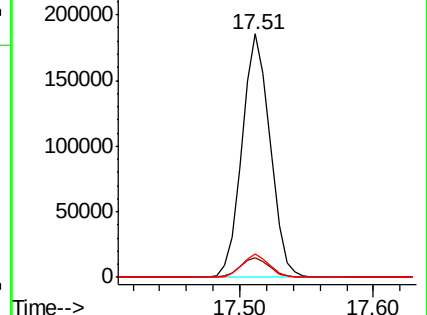
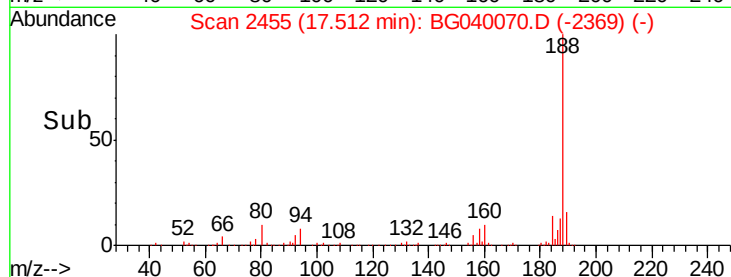
80 9.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.263 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.35 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

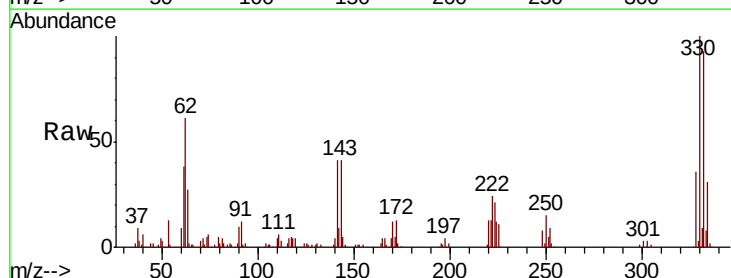
Tgt Ion:198 Resp: 420

Ion Ratio Lower Upper

198 100

51 126.8 27.4 67.4#

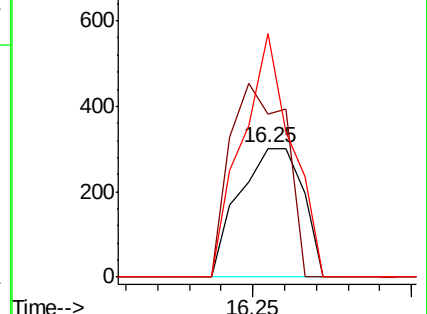
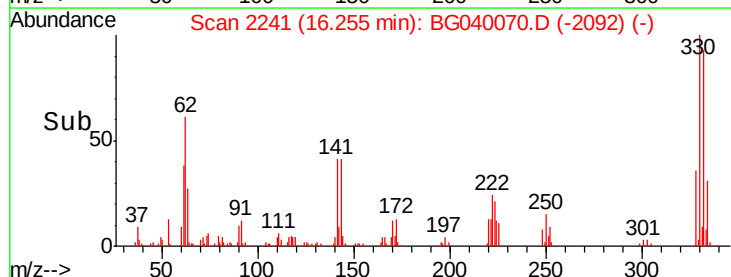
105 188.7 19.7 59.7#

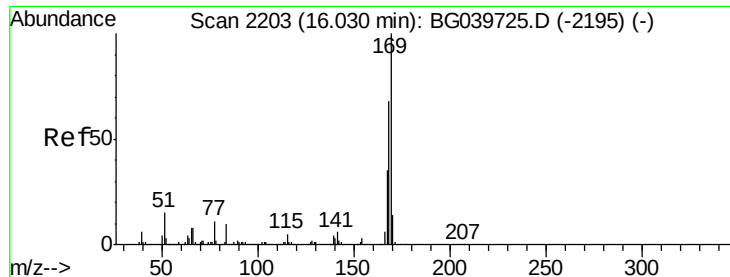


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

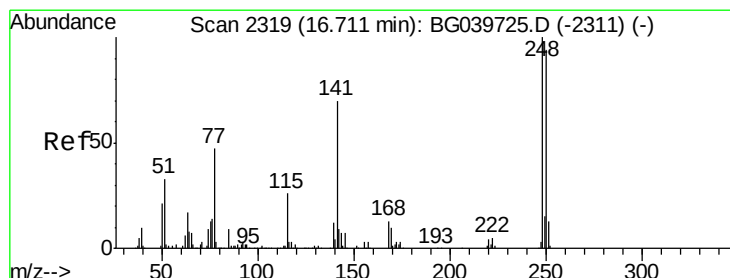
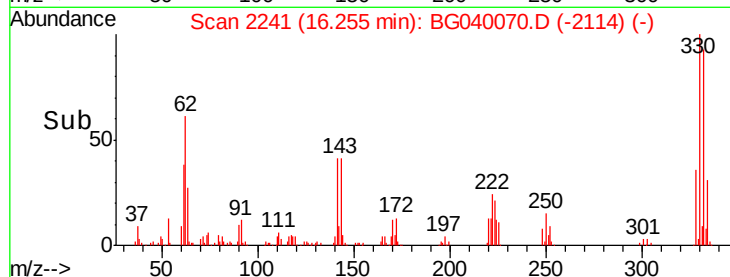
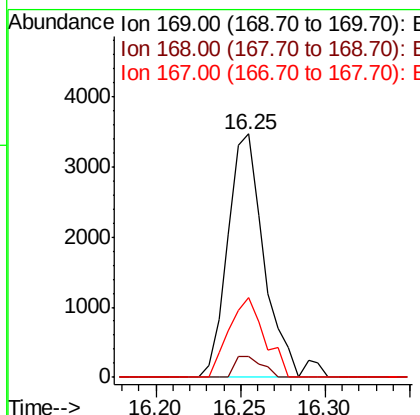
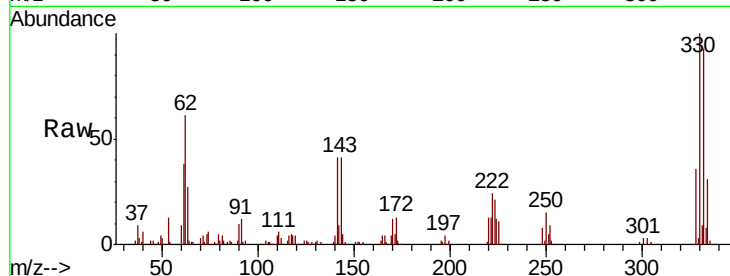




#66
 n-Nitrosodiphenylamine
 Concen: 0.672 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

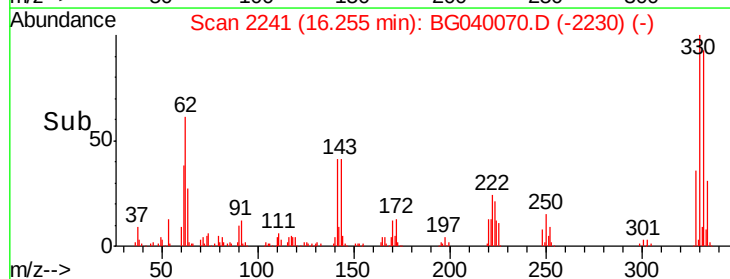
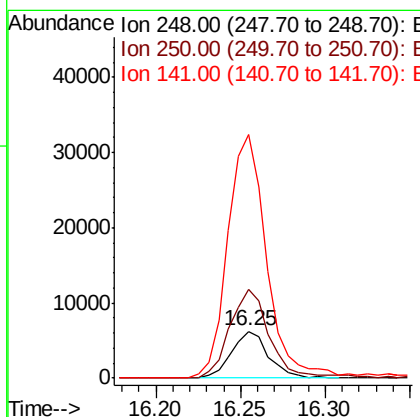
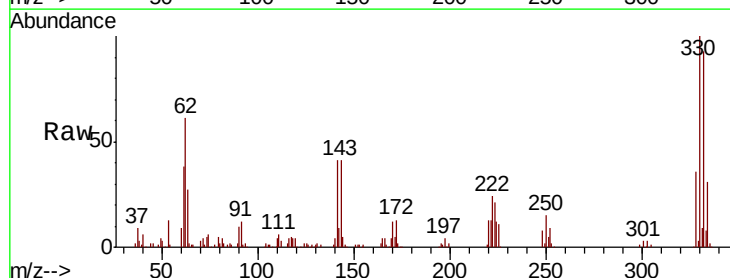
Instrument :
 BNA_G
 ClientSampleId :
 PB118155TB

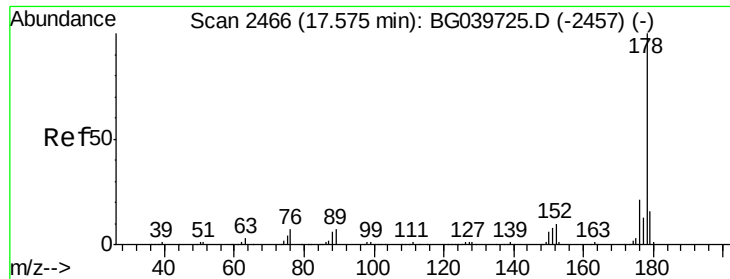
Tgt Ion:169 Resp: 5248
 Ion Ratio Lower Upper
 169 100
 168 8.7 56.6 85.0#
 167 32.6 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.108 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

Tgt Ion:248 Resp: 9382
 Ion Ratio Lower Upper
 248 100
 250 189.6 77.6 116.4#
 141 521.3 63.9 95.9#

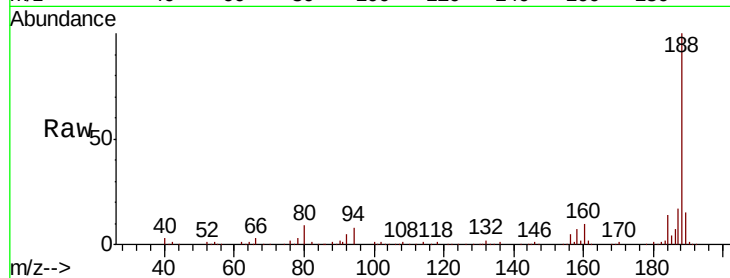




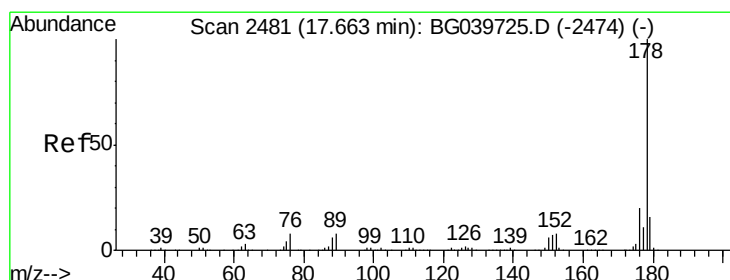
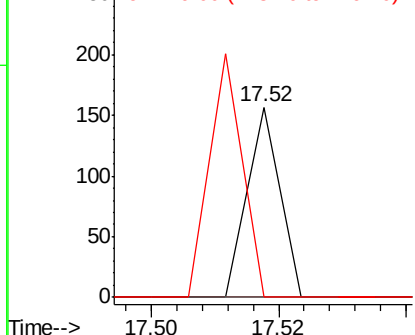
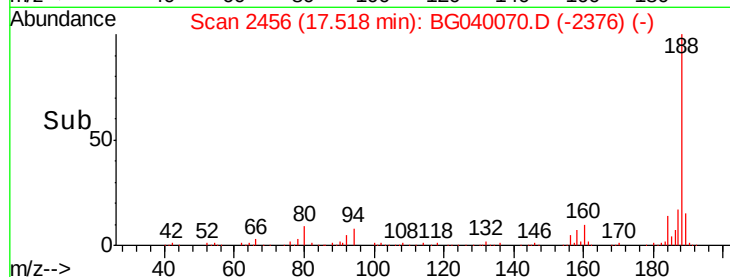
#71
 Phenanthrene
 Concen: 0.004 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.06 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 PB118155TB

Tgt Ion:178 Resp: 55
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.6 19.0#

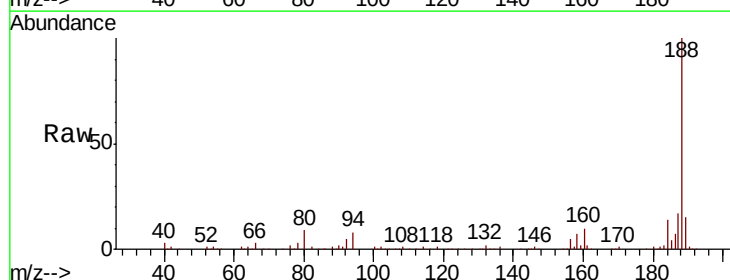


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

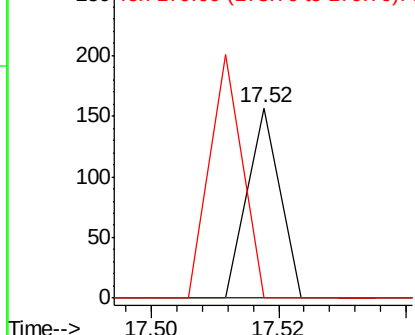
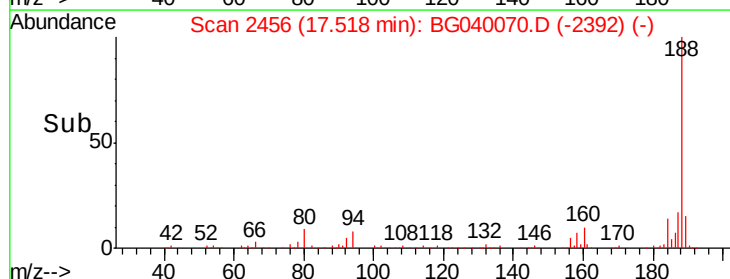


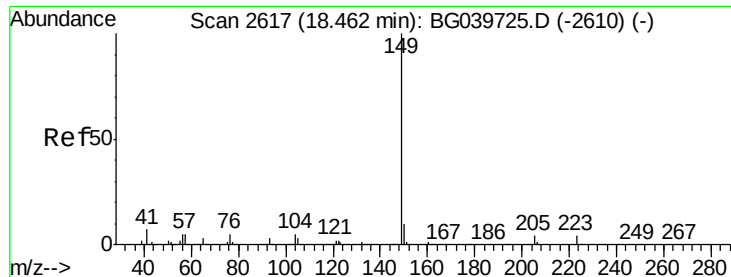
#72
 Anthracene
 Concen: 0.004 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.15 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

Tgt Ion:178 Resp: 55
 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

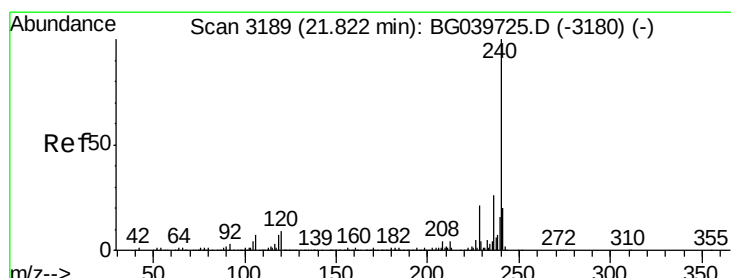
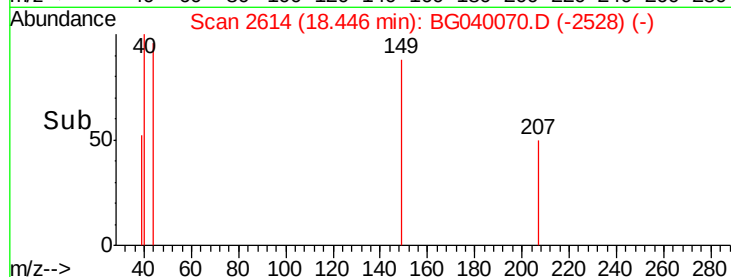
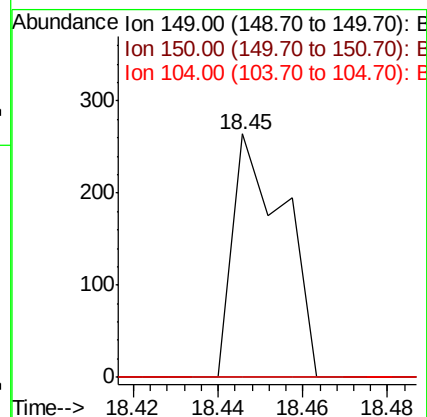
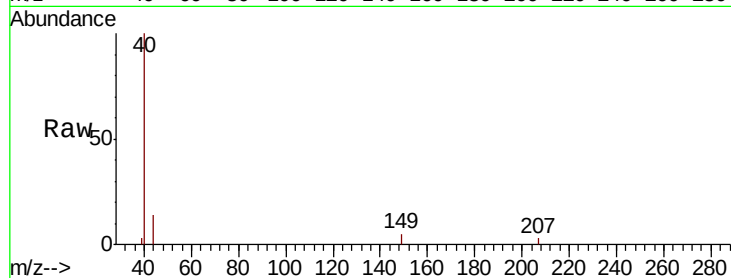




#74
Di-n-butylphthalate
Concen: 0.015 ng
RT: 18.45 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

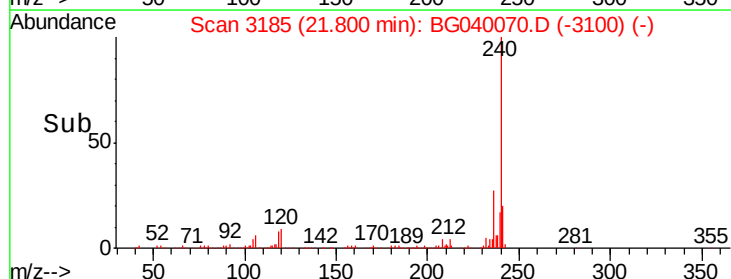
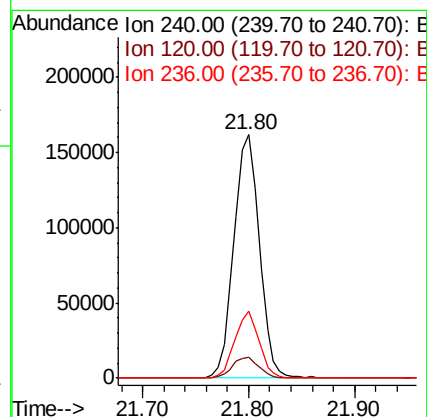
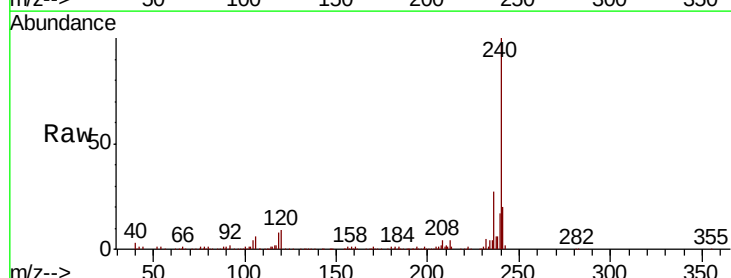
Instrument :
BNA_G
ClientSampleId :
PB118155TB

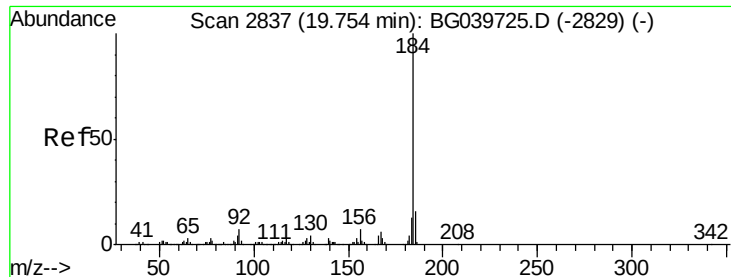
Tgt Ion:149 Resp: 223
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

Tgt Ion:240 Resp: 268876
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 27.5 21.0 31.4





#77

Benzidine

Concen: 1.918 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.35 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

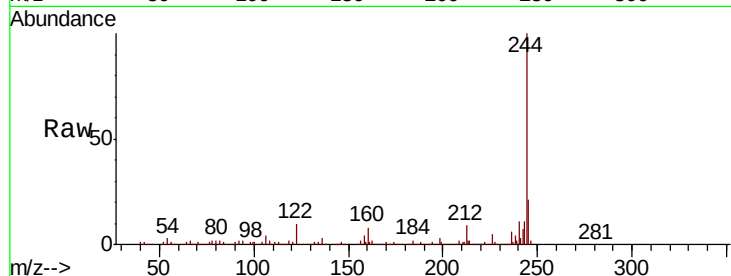
Tgt Ion:184 Resp: 16369

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

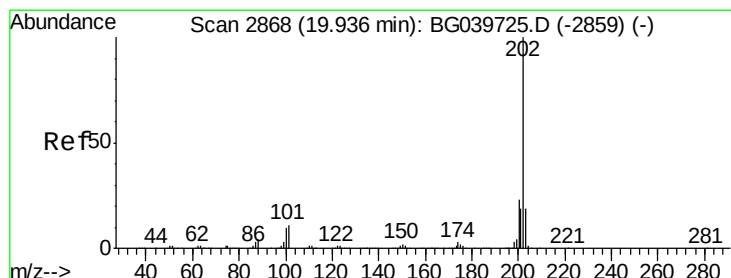
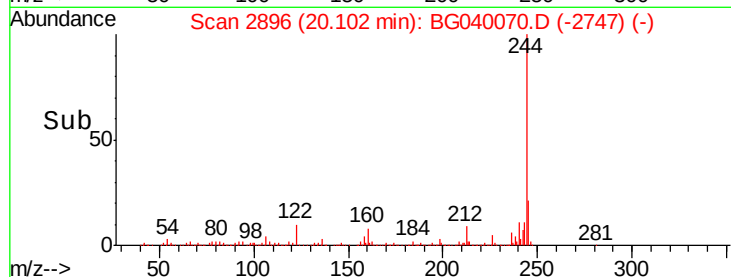
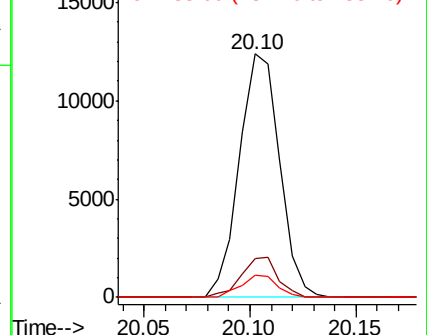
183 9.2 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.202 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.16 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

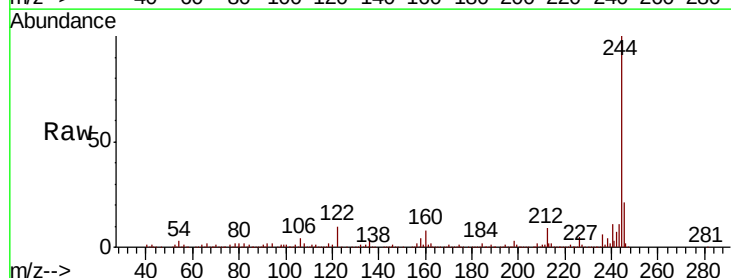
Tgt Ion:202 Resp: 3530

Ion Ratio Lower Upper

202 100

200 42.5 17.8 26.8#

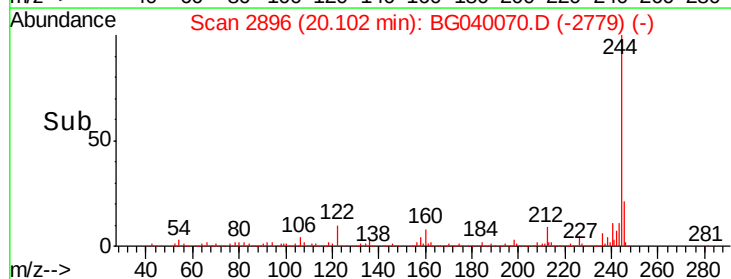
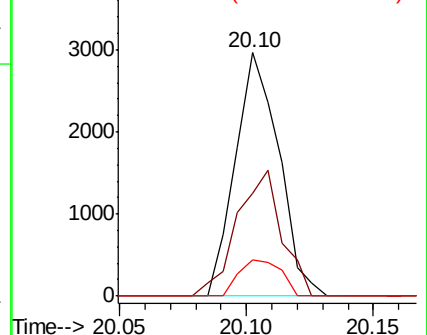
203 14.8 15.3 22.9#

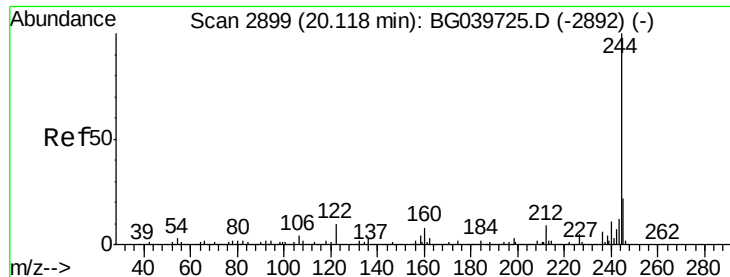


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.819 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

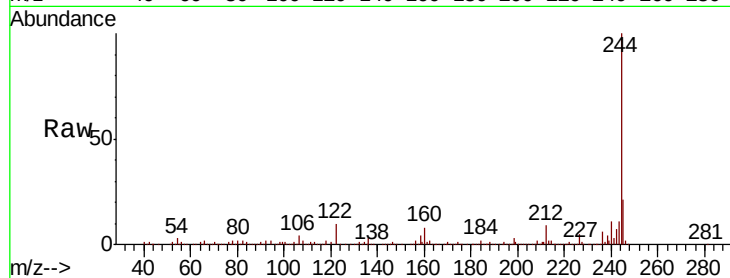
Tgt Ion:244 Resp: 938081

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

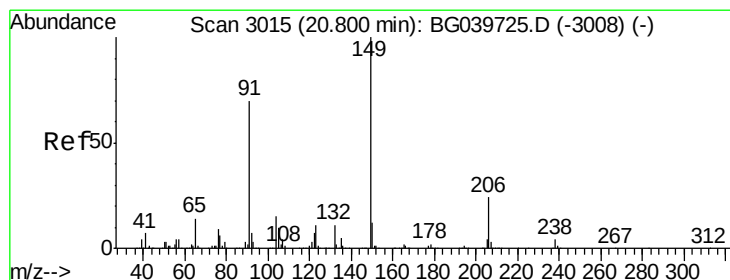
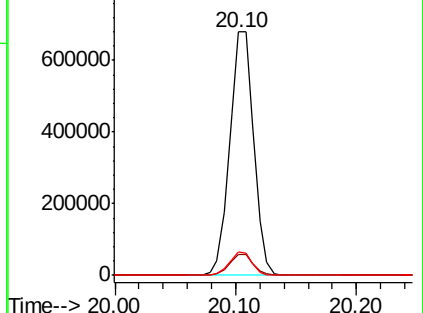
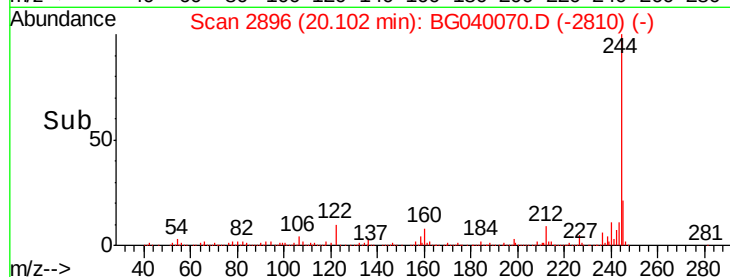
122 9.5 8.4 12.6



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: 0.008 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.03 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

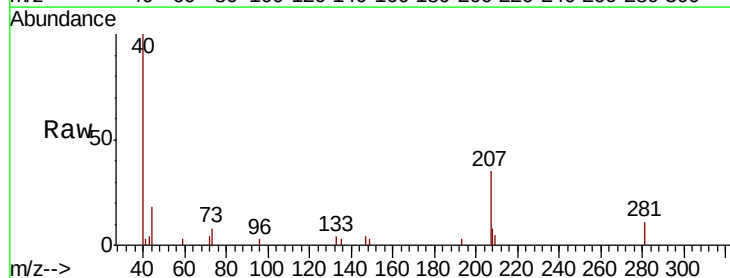
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

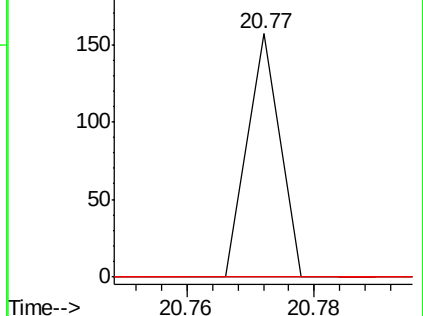
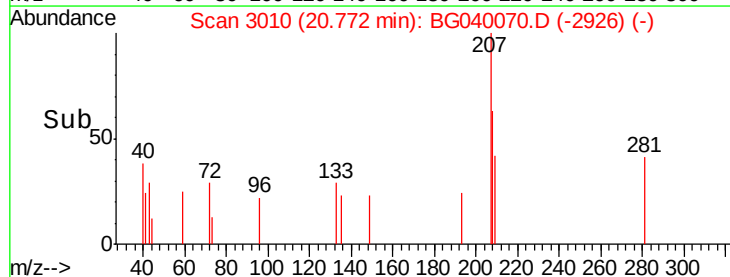
206 0.0 18.6 27.8#

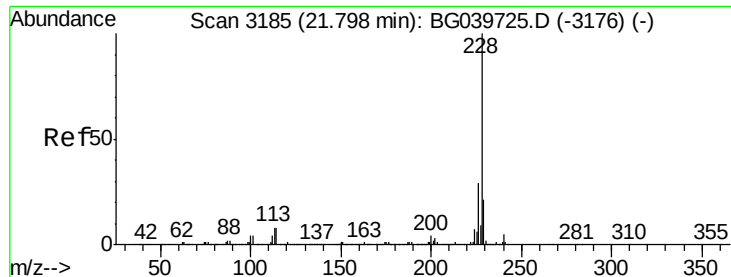


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.050 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

Instrument :

BNA_G

ClientSampleId :

PB118155TB

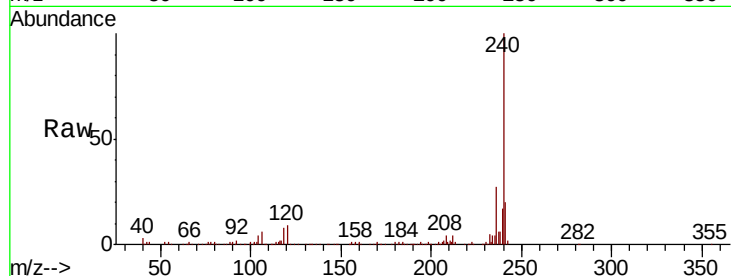
Tgt Ion:228 Resp: 838

Ion Ratio Lower Upper

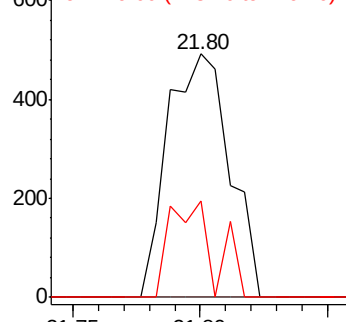
228 100

226 0.0 23.0 34.6#

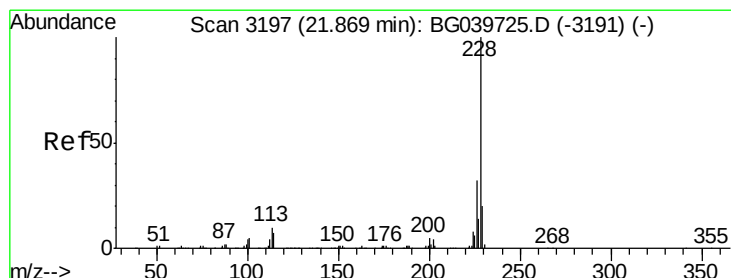
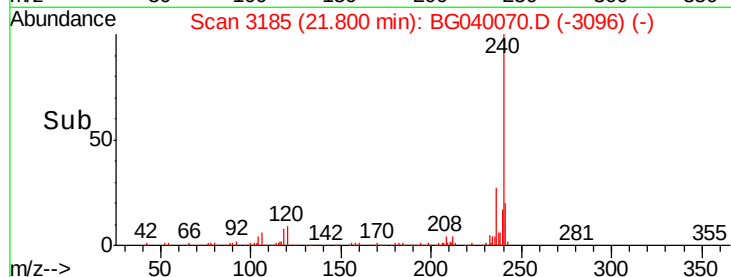
229 39.6 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 0.051 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.08 min

Lab File: BG040070.D

Acq: 21 Mar 2019 17:51

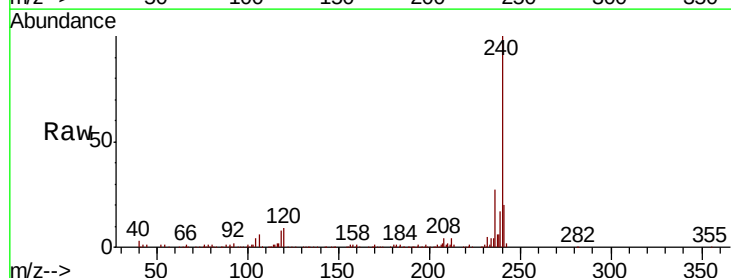
Tgt Ion:228 Resp: 838

Ion Ratio Lower Upper

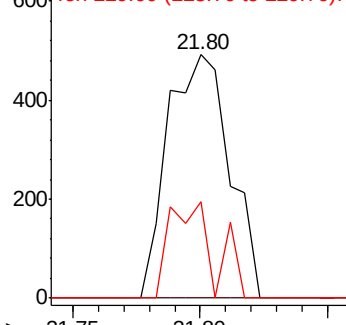
228 100

226 0.0 25.8 38.6#

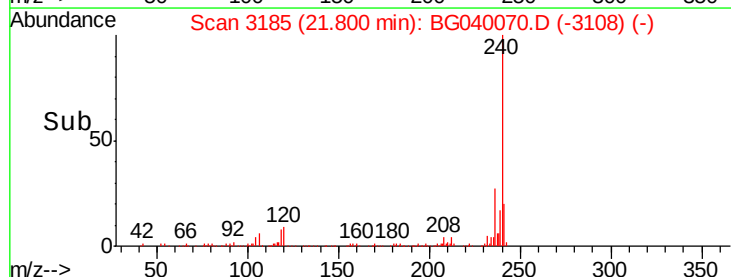
229 39.6 16.6 25.0#

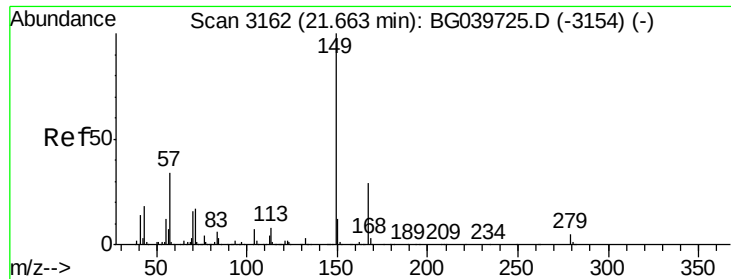


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->

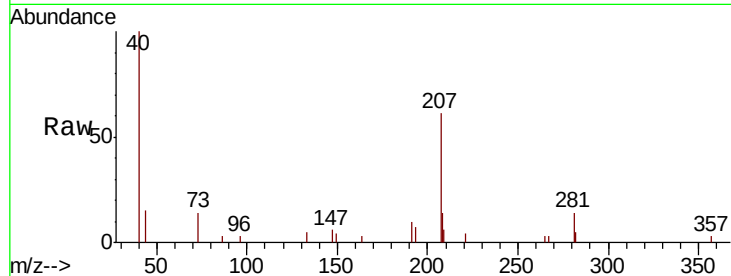




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.007 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.03 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 PB118155TB

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.6	34.0#
279	0.0	3.5	5.3#



Abundance

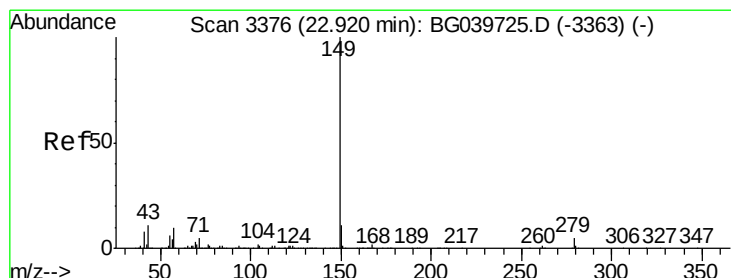
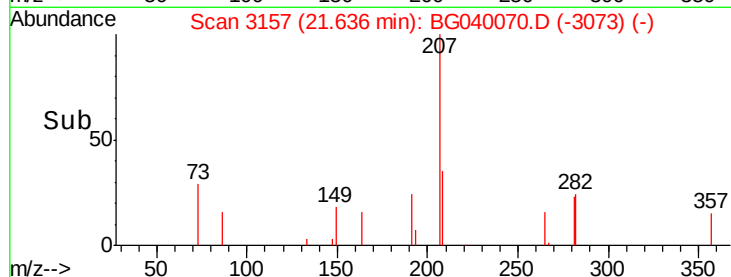
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

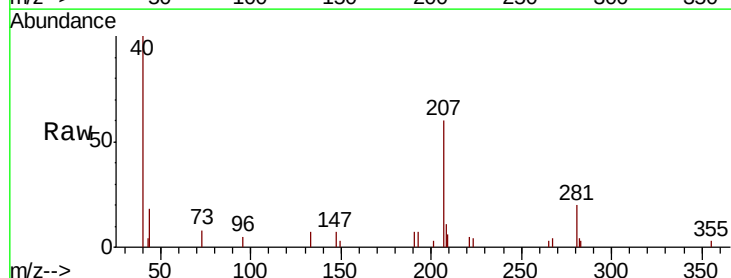
21.64

Time-->



#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.96 min Scan# 3382
 Delta R.T. 0.03 min
 Lab File: BG040070.D
 Acq: 21 Mar 2019 17:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	396.8	10.2	15.4#



Abundance

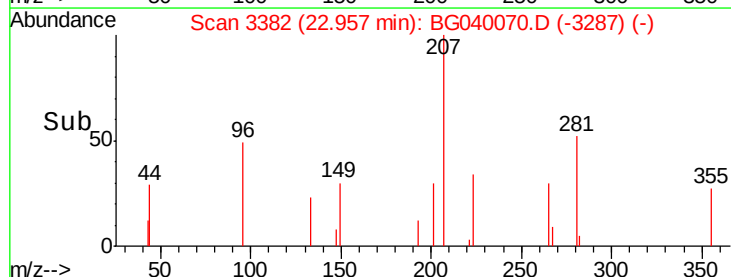
Ion 149.00 (148.70 to 149.70): E

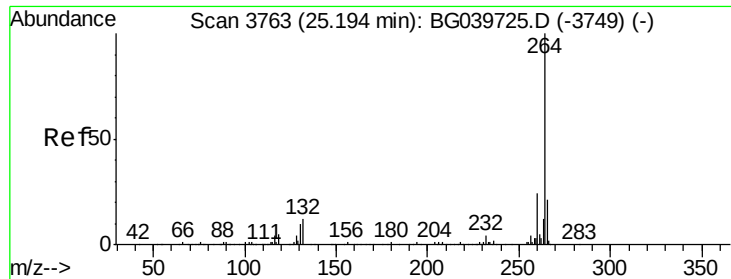
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.96

Time-->

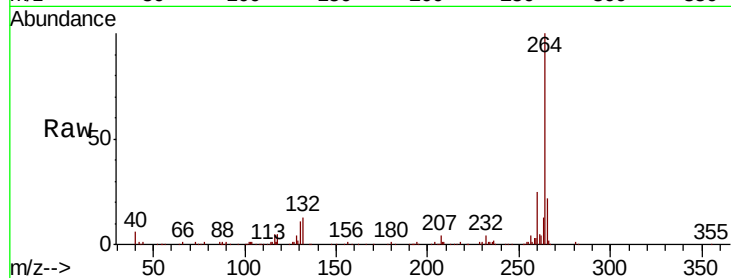




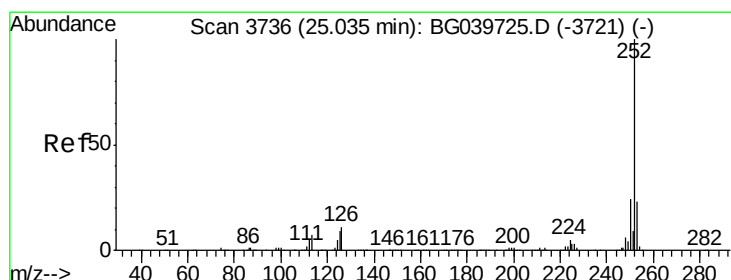
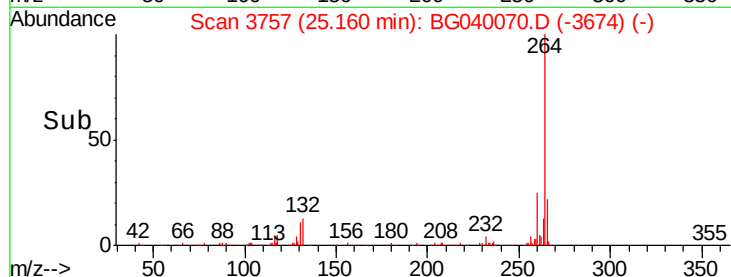
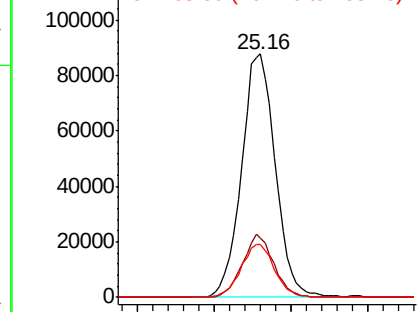
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

Instrument :
BNA_G
ClientSampleId :
PB118155TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.7	18.5	27.7

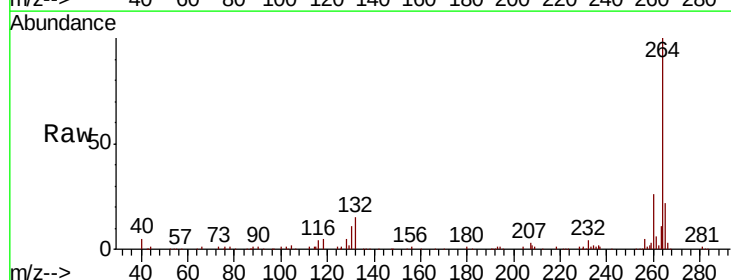


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#90
Benzo(a)pyrene
Concen: 0.063 ng
RT: 25.15 min Scan# 3756
Delta R.T. 0.11 min
Lab File: BG040070.D
Acq: 21 Mar 2019 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	40.6	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

