

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\  
 Data File : BG040466.D  
 Acq On : 12 Apr 2019 18:09  
 Operator : JU/SJ  
 Sample : K2311-15  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 12 22:42:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 28 05:47:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 36906    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.86 | 136  | 147316   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.67 | 164  | 92375    | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.42 | 188  | 238998   | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 21.69 | 240  | 292001   | 20.00 | ng    | -0.04    |
| 87) Perylene-d12          | 24.96 | 264  | 297554   | 20.00 | ng    | -0.07    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.60  | 112  | 123944   | 55.83  | ng    | -0.02    |
| 7) Phenol-d6                | 7.20  | 99   | 117113   | 38.17  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 232678   | 83.95  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.16 | 330  | 140582   | 140.82 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl        | 13.29 | 172  | 528744   | 84.81  | ng    | -0.03    |
| 79) Terphenyl-d14           | 20.02 | 244  | 977657   | 75.32  | ng    | -0.03    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88   | 347      | 0.332  | ng    | # 1    |
| 3) Pyridine                    | 3.62  | 79   | 75       | 0.027  | ng    | # 1    |
| 4) n-Nitrosodimethylamine      | 3.83  | 42   | 69       | 0.053  | ng    | # 1    |
| 6) Aniline                     | 7.57  | 93   | 133      | 0.033  | ng    | # 1    |
| 8) 2-Chlorophenol              | 7.86  | 128  | 54       | 0.021  | ng    | # 32   |
| 9) Benzaldehyde                | 7.20  | 77   | 5695     | 2.706  | ng    | # 89   |
| 10) Phenol                     | 7.24  | 94   | 2991     | 0.898  | ng    | # 89   |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93   | 133      | 0.050  | ng    | # 1    |
| 12) 1,3-Dichlorobenzene        | 8.36  | 146  | 200      | 0.071  | ng    | # 1    |
| 13) 1,4-Dichlorobenzene        | 8.36  | 146  | 200      | 0.071  | ng    | # 1    |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 200      | 0.074  | ng    | # 1    |
| 15) Benzyl Alcohol             | 8.30  | 79   | 135      | 0.055  | ng    | # 42   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.31  | 45   | 53       | 0.010  | ng    | # 73   |
| 18) Hexachloroethane           | 9.15  | 117  | 54       | 0.050  | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 9.22  | 70   | 29369    | 13.351 | ng    | # 72   |
| 20) 3+4-Methylphenols          | 8.86  | 107  | 79       | 0.025  | ng    | # 1    |
| 22) Acetophenone               | 8.88  | 105  | 12435    | 3.384  | ng    | # 96   |
| 24) Nitrobenzene               | 9.22  | 77   | 768      | 0.268  | ng    | # 31   |
| 25) Isophorone                 | 9.77  | 82   | 203      | 0.036  | ng    | # 67   |
| 27) 2,4-Dimethylphenol         | 9.86  | 122  | 116      | 0.054  | ng    | # 9    |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93   | 644      | 0.191  | ng    | # 49   |
| 31) Naphthalene                | 10.91 | 128  | 75       | 0.010  | ng    | # 68   |
| 32) Benzoic acid               | 10.33 | 122  | 56       | 0.043  | ng    | # 1    |
| 33) 4-Chloroaniline            | 11.04 | 127  | 214      | 0.066  | ng    | # 45   |
| 35) Caprolactam                | 12.04 | 113  | 76       | 0.082  | ng    | # 93   |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107  | 74       | 0.027  | ng    | # 20   |
| 37) 2-Methylnaphthalene        | 12.19 | 142  | 53       | 0.009  | ng    | # 1    |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 875      | 0.120  | ng    | # 84   |
| 47) 2-Chloronaphthalene        | 13.80 | 162  | 71       | 0.013  | ng    | # 39   |
| 48) 2-Nitroaniline             | 13.79 | 65   | 71       | 0.038  | ng    | # 4    |
| 49) Acenaphthylene             | 14.42 | 152  | 59       | 0.006  | ng    | # 59   |
| 50) Dimethylphthalate          | 14.12 | 163  | 25123    | 3.475  | ng    | # 96   |
| 51) 2,6-Dinitrotoluene         | 14.67 | 165  | 11527    | 7.101  | ng    | # 25   |
| 52) Acenaphthene               | 14.78 | 154  | 71       | 0.013  | ng    | # 3    |

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 QLast Update : Thu Mar 28 05:47:00 2019  
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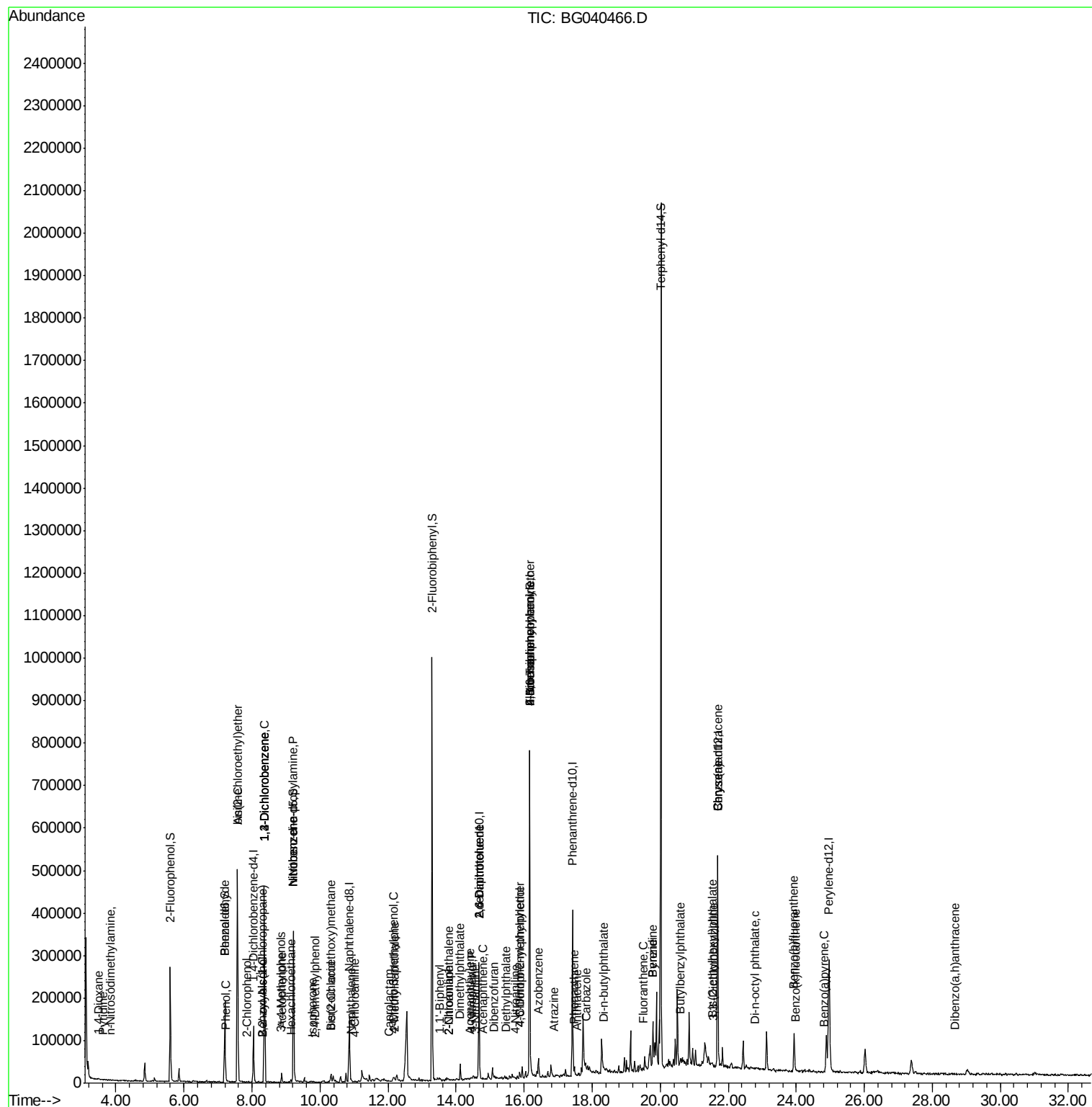
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 53) 3-Nitroaniline             | 14.58 | 138  | 65       | 0.038 | nq    | # 2      |
| 55) Dibenzofuran               | 15.11 | 168  | 74       | 0.008 | nq    | # 47     |
| 56) 4-Nitrophenol              | 14.46 | 139  | 124      | 0.089 | nq    | # 85     |
| 57) 2,4-Dinitrotoluene         | 14.67 | 165  | 11527    | 5.110 | nq    | # 25     |
| 58) Fluorene                   | 16.16 | 166  | 6241     | 0.908 | nq    | # 76     |
| 60) Diethylphthalate           | 15.47 | 149  | 1393     | 0.188 | nq    | # 87     |
| 61) 4-Chlorophenyl-phenylether | 15.87 | 204  | 54       | 0.015 | nq    | # 31     |
| 62) 4-Nitroaniline             | 15.75 | 138  | 74       | 0.040 | nq    | # 17     |
| 63) Azobenzene                 | 16.43 | 77   | 2933     | 0.420 | nq    | # 76     |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 500      | 0.372 | nq    | # 58     |
| 66) n-Nitrosodiphenylamine     | 16.17 | 169  | 5532     | 0.791 | nq    | # 56     |
| 67) 4-Bromophenyl-phenylether  | 16.16 | 248  | 11164    | 4.151 | nq    | # 1      |
| 69) Atrazine                   | 16.88 | 200  | 65       | 0.025 | nq    | # 34     |
| 71) Phenanthrene               | 17.47 | 178  | 319      | 0.025 | nq    | # 58     |
| 72) Anthracene                 | 17.55 | 178  | 76       | 0.006 | nq    | # 59     |
| 73) Carbazole                  | 17.82 | 167  | 302      | 0.025 | nq    | # 47     |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 2037     | 0.144 | nq    | # 67     |
| 75) Fluoranthene               | 19.49 | 202  | 61       | 0.004 | nq    | # 63     |
| 77) Benzidine                  | 19.79 | 184  | 1076     | 0.102 | nq    | # 1      |
| 78) Pyrene                     | 19.79 | 202  | 540      | 0.028 | nq    | # 1      |
| 80) Butylbenzylphthalate       | 20.60 | 149  | 219      | 0.027 | nq    | # 93     |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1001     | 0.056 | nq    | # 59     |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 73       | 0.011 | nq    | # 26     |
| 83) Chrysene                   | 21.68 | 228  | 1001     | 0.058 | nq    | # 57     |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 1879     | 0.160 | nq    | # 86     |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 319      | 0.016 | nq    | # 74     |
| 88) Benzo(b)fluoranthene       | 23.93 | 252  | 83       | 0.005 | nq    | # 1      |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 158      | 0.009 | nq    | # 59     |
| 90) Benzo(a)pyrene             | 24.80 | 252  | 77       | 0.005 | nq    | # 2      |
| 91) Dibenzo(a,h)anthracene     | 28.68 | 278  | 59       | 0.004 | nq    | # 57     |
| -----                          |       |      |          |       |       |          |

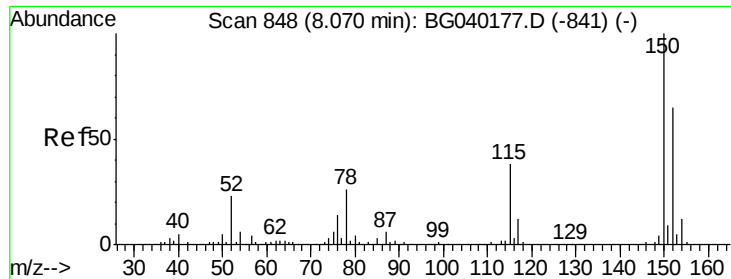
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampleId :

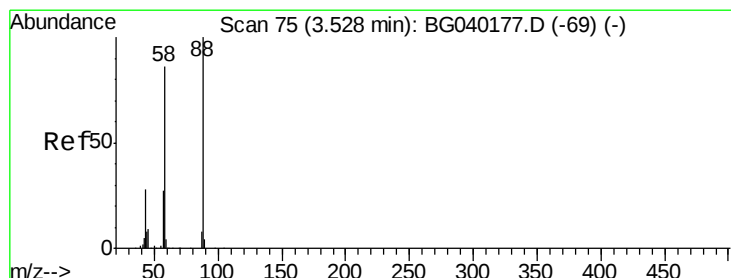
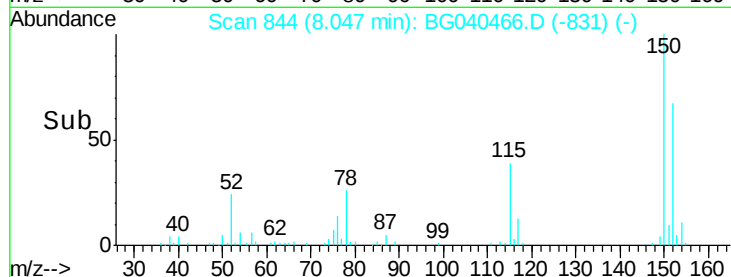
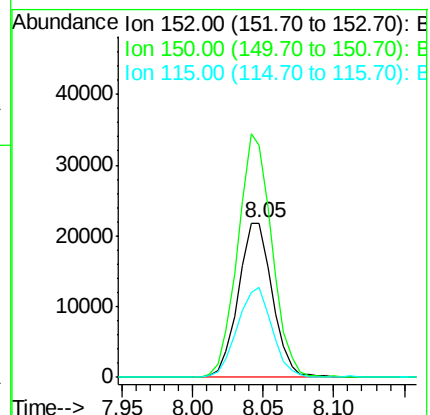
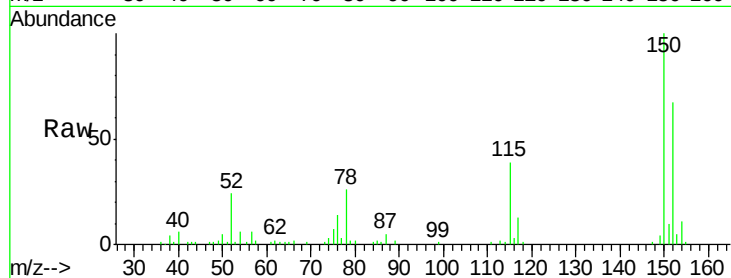
Tot Ion:152 Resp: 36906

Ion Ratio Lower Upper

152 100

150 150.1 123.7 185.5

115 58.5 46.9 70.3



#2

1,4-Dioxane

Concen: 0.332 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

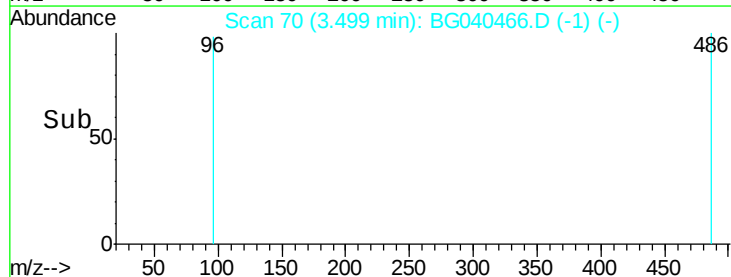
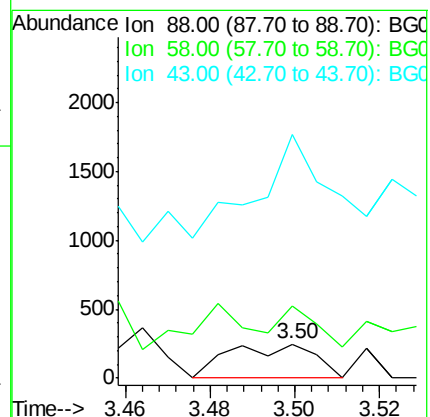
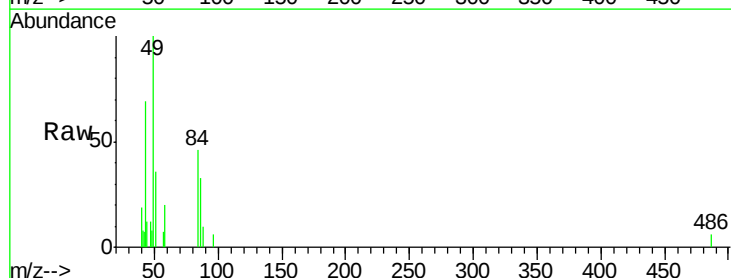
Tgt Ion: 88 Resp: 347

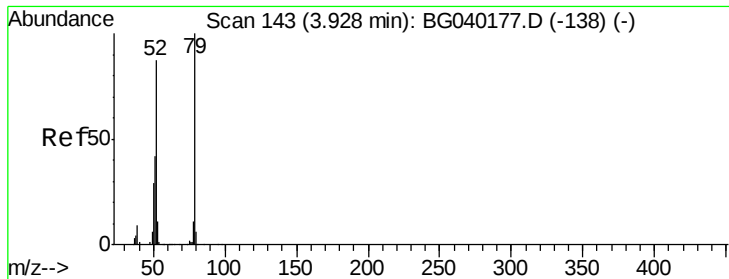
Ion Ratio Lower Upper

88 100

58 30.8 70.6 106.0#

43 249.3 24.8 37.2#





#3

Pvridine

Concen: 0.027 ng

RT: 3.62 min Scan# 90

Delta R.T. -0.31 min

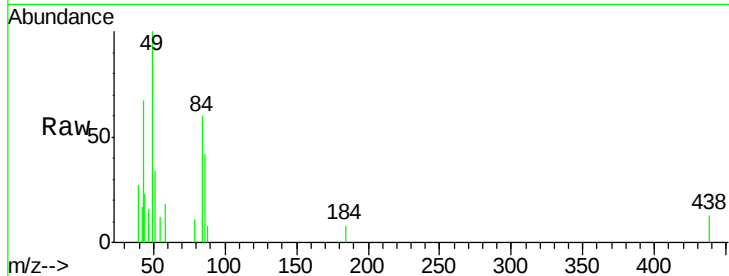
Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :



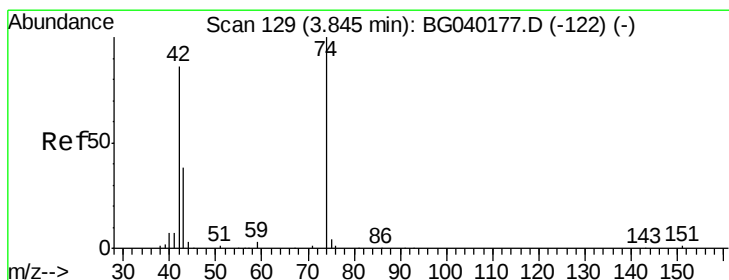
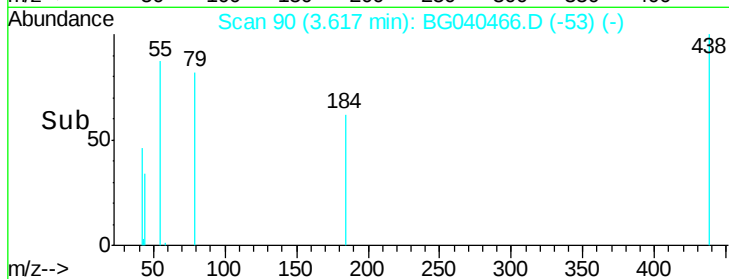
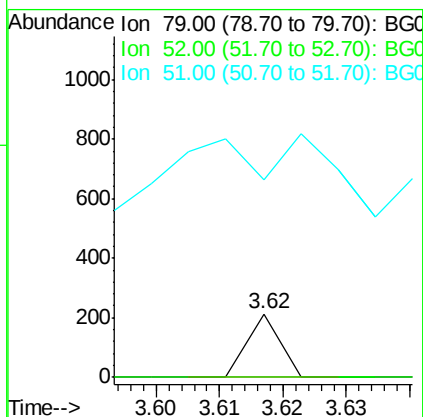
Tot Ion: 79 Resp: 75

Ion Ratio Lower Upper

79 100

52 0.0 69.8 104.8#

51 313.2 33.9 50.9#



#4

n-Nitrosodimethylamine

Concen: 0.053 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

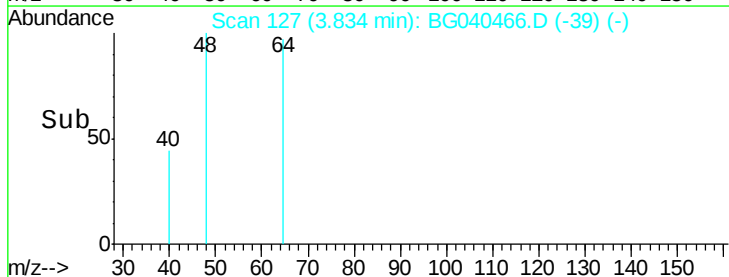
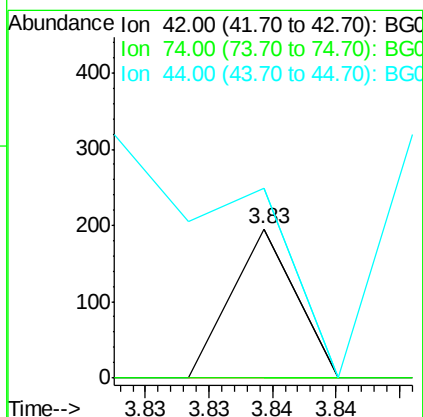
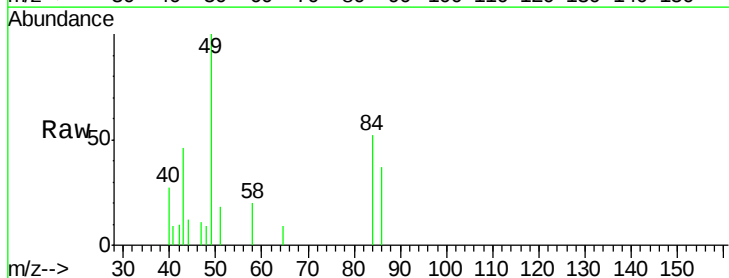
Tgt Ion: 42 Resp: 69

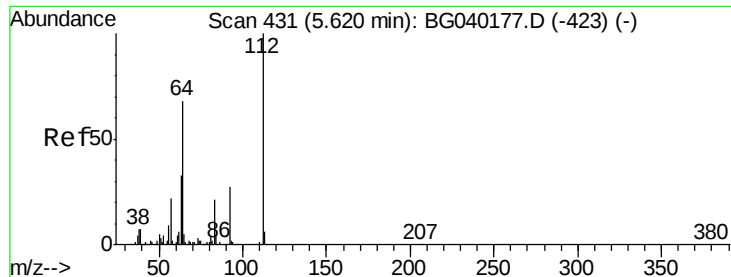
Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

44 127.2 9.7 14.5#





#5

2-Fluorophenol

Concen: 55.830 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

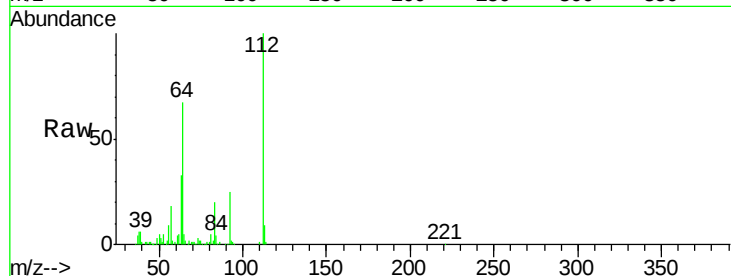
Tot Ion:112 Resp: 123944

Ion Ratio Lower Upper

112 100

64 66.7 54.2 81.2

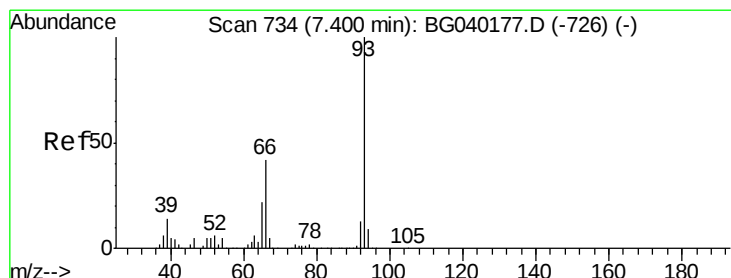
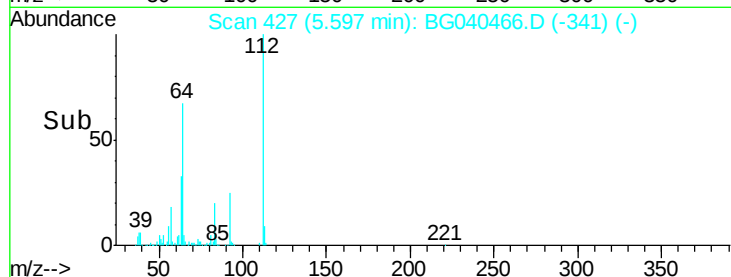
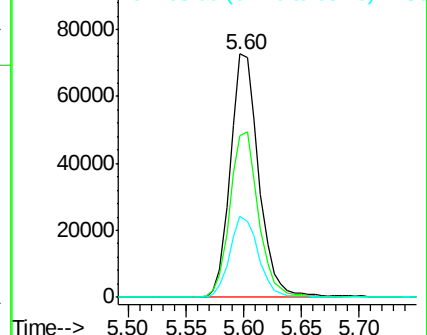
63 33.5 26.4 39.6



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: 0.033 ng

RT: 7.57 min Scan# 762

Delta R.T. 0.17 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

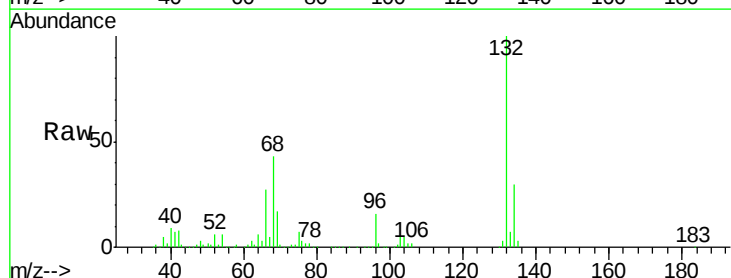
Tgt Ion: 93 Resp: 133

Ion Ratio Lower Upper

93 100

66 15040.8 33.6 50.4#

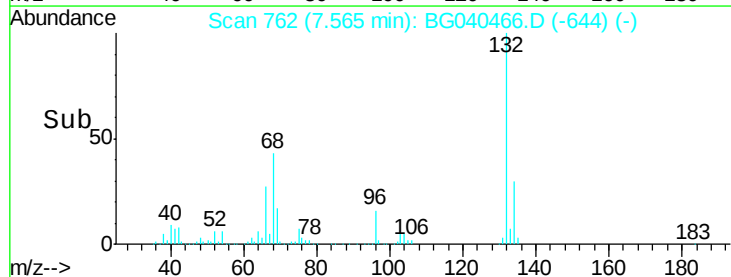
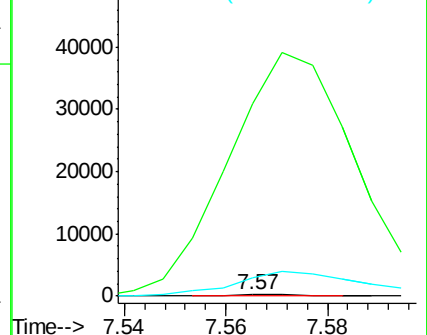
65 1418.4 17.4 26.2#

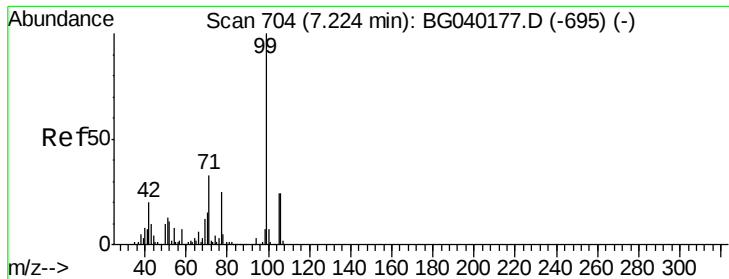


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 38.171 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

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BNA\_G

ClientSampleId :

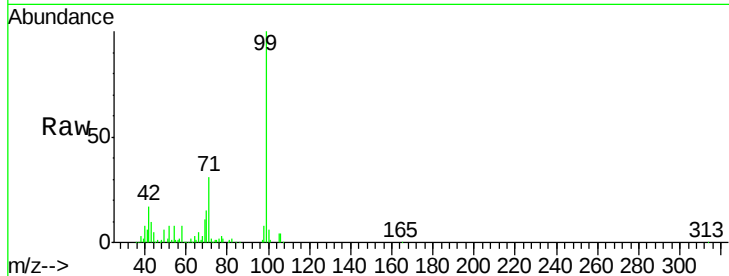
Tot Ion: 99 Resp: 117113

Ion Ratio Lower Upper

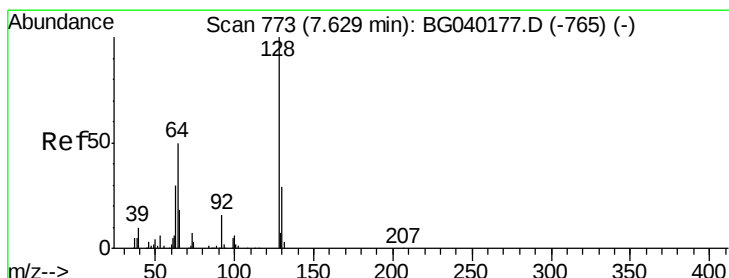
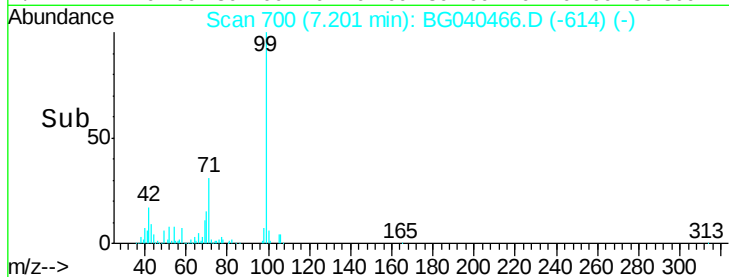
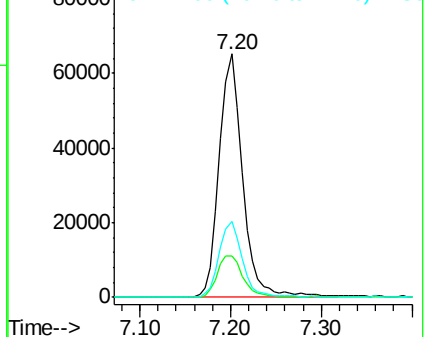
99 100

42 17.1 16.2 24.2

71 31.0 26.8 40.2



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



#8

2-Chlorophenol

Concen: 0.021 ng

RT: 7.86 min Scan# 812

Delta R.T. 0.23 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

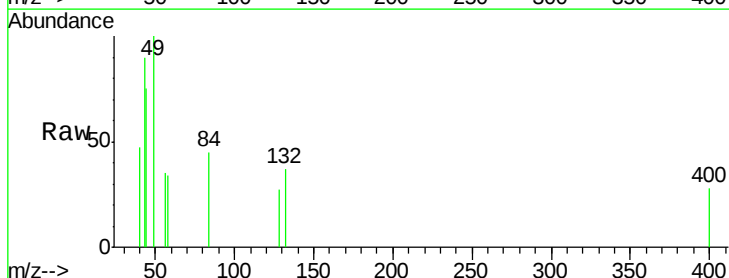
Tgt Ion: 128 Resp: 54

Ion Ratio Lower Upper

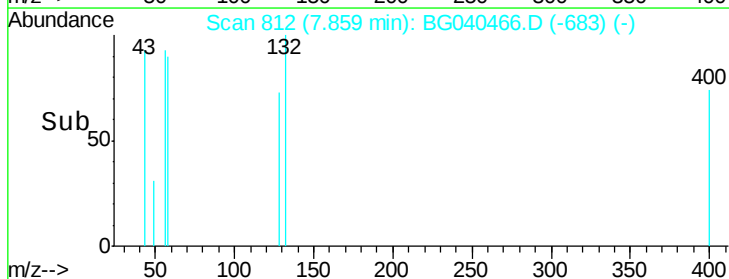
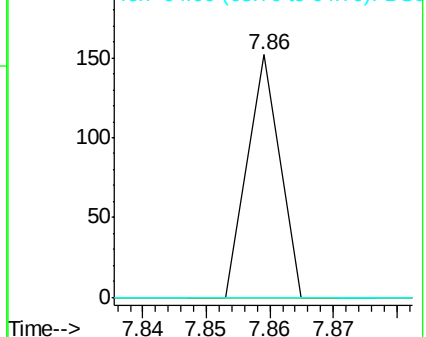
128 100

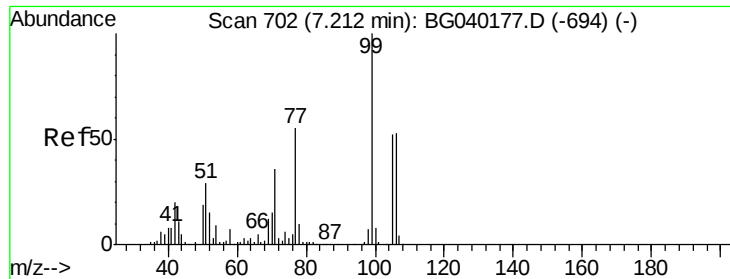
130 0.0 9.1 49.1#

64 0.0 33.1 73.1#



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC

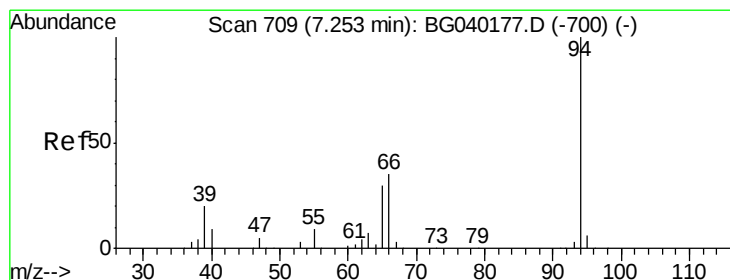
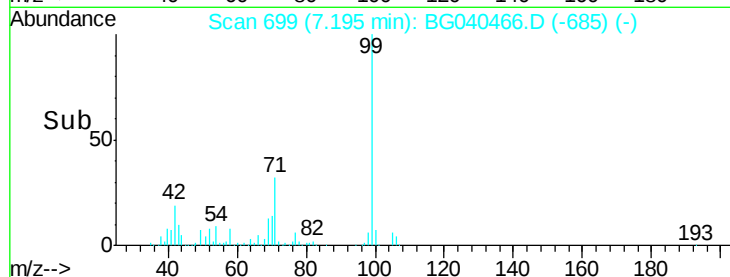
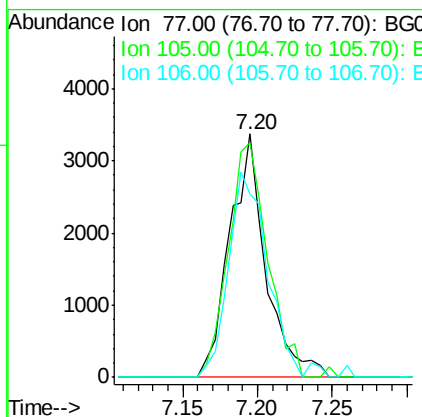
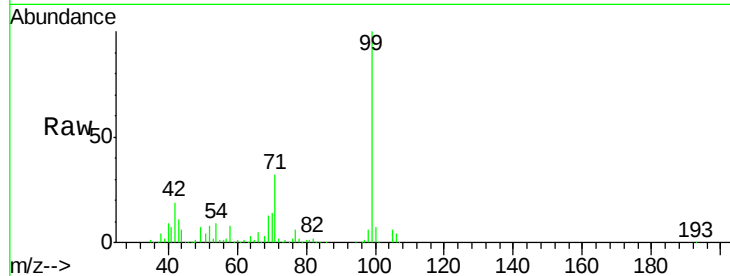




#9  
Benzaldehydve  
Concen: 2.706 ng  
RT: 7.20 min Scan# 699  
Delta R.T. -0.02 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

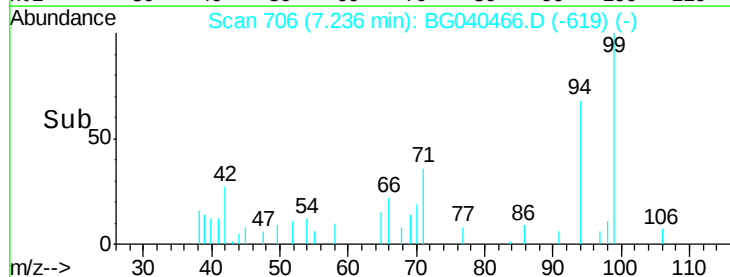
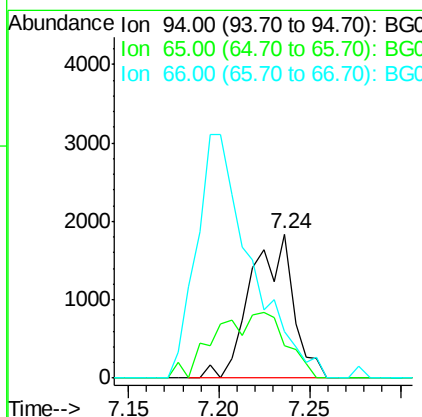
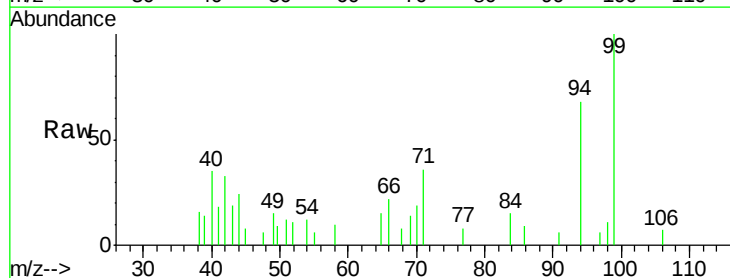
Instrument :  
BNA\_G  
ClientSampleId :

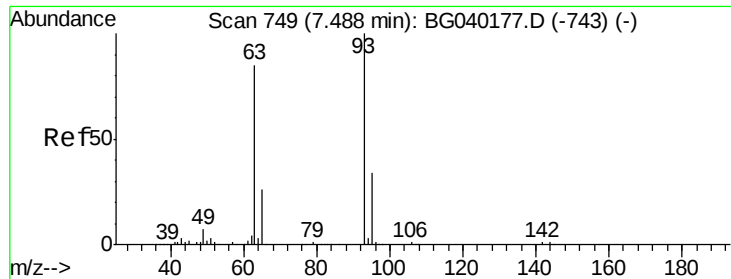
Tot Ion: 77 Resp: 5695  
Ion Ratio Lower Upper  
77 100  
105 96.2 75.0 115.0  
106 75.4 75.7 115.7#



#10  
Phenol  
Concen: 0.898 ng  
RT: 7.24 min Scan# 706  
Delta R.T. -0.02 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion: 94 Resp: 2991  
Ion Ratio Lower Upper  
94 100  
65 22.8 10.5 50.5  
66 31.9 16.9 56.9

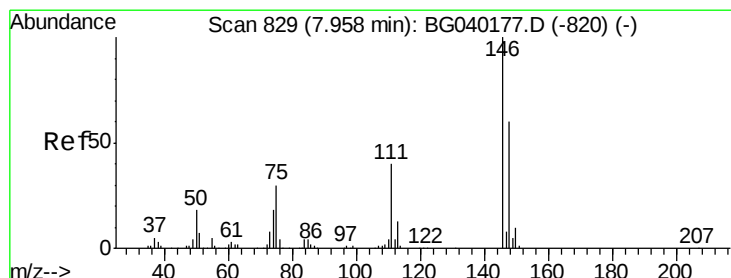
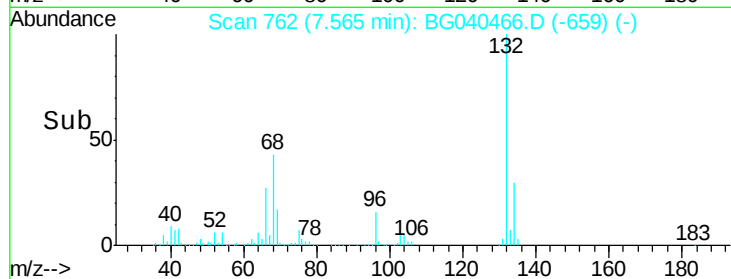
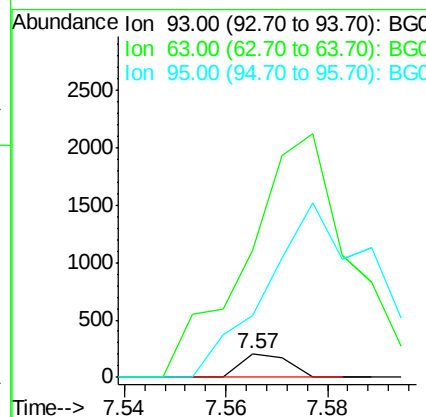
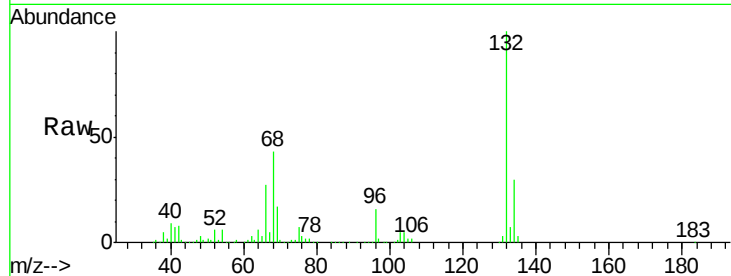




#11  
bis(2-Chloroethyl)ether  
Concen: 0.050 ng  
RT: 7.57 min Scan# 762  
Delta R.T. 0.08 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

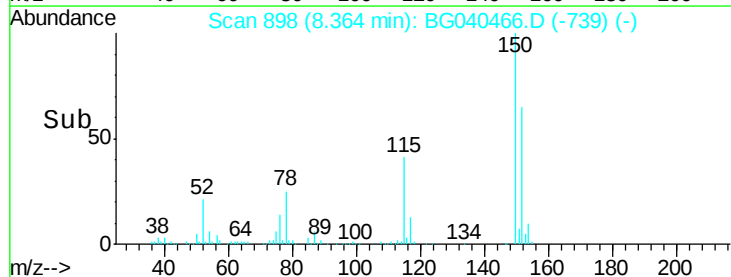
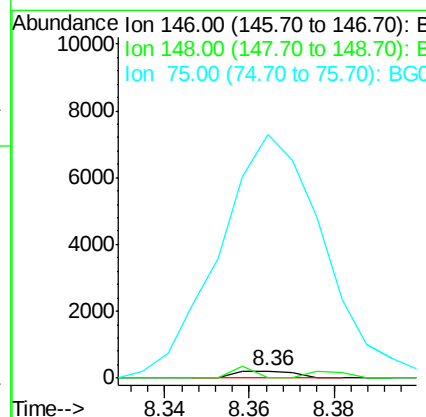
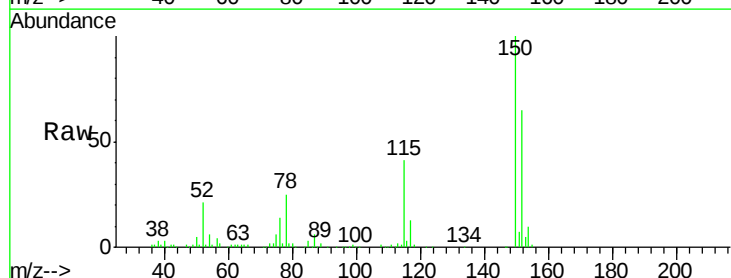
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 93 Resp: 133  
Ion Ratio Lower Upper  
93 100  
63 540.3 64.2 104.2#  
95 261.7 14.0 54.0#



#12  
1,3-Dichlorobenzene  
Concen: 0.071 ng  
RT: 8.36 min Scan# 898  
Delta R.T. 0.41 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion: 146 Resp: 200  
Ion Ratio Lower Upper  
146 100  
148 0.0 48.2 72.2#  
75 3537.4 24.1 36.1#





#13

1,4-Dichlorobenzene

Concen: 0.071 ng

RT: 8.36 min Scan# 898

Delta R.T. 0.26 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

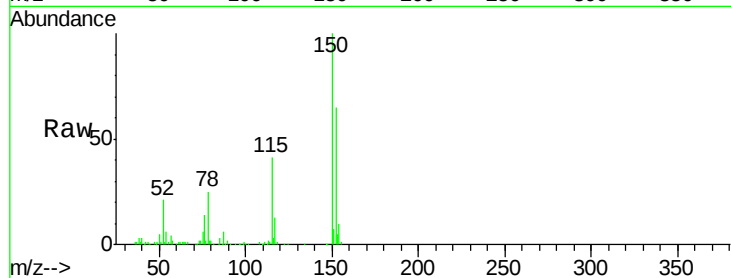
Tot Ion:146 Resp: 200

Ion Ratio Lower Upper

146 100

148 0.0 51.0 76.4#

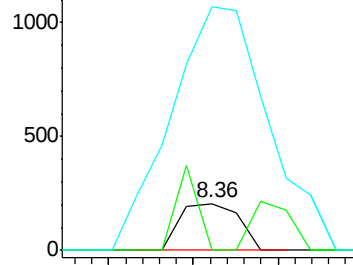
111 518.9 31.8 47.6#



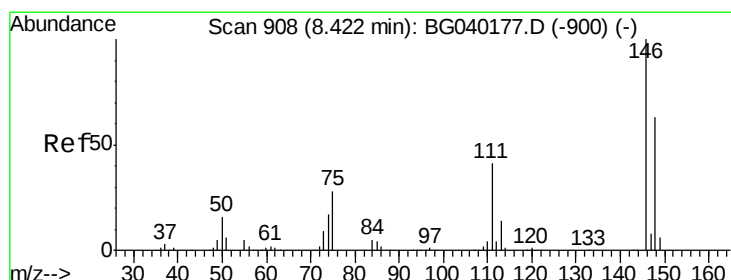
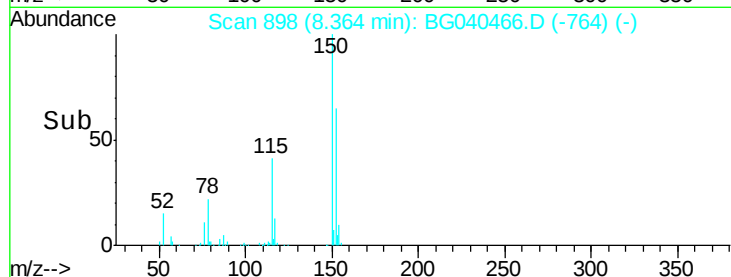
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 0.074 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.06 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

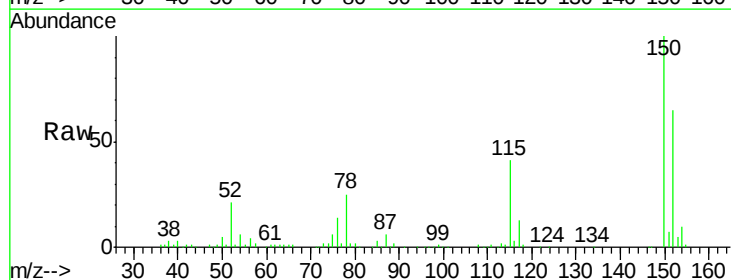
Tgt Ion:146 Resp: 200

Ion Ratio Lower Upper

146 100

148 0.0 50.8 76.2#

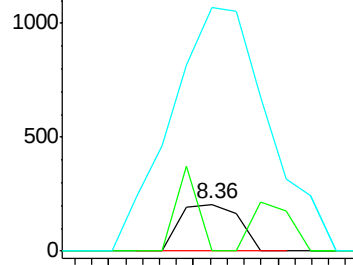
111 518.9 33.4 50.0#



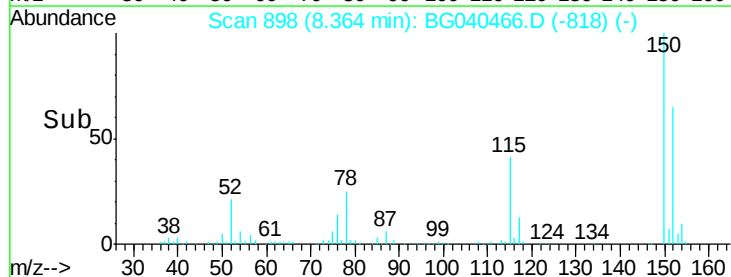
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 0.055 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

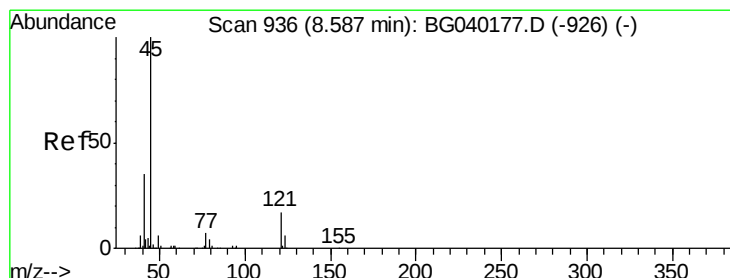
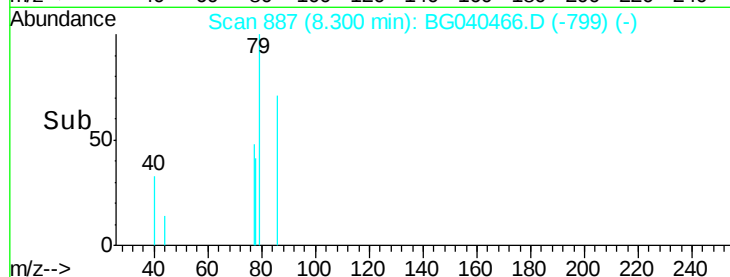
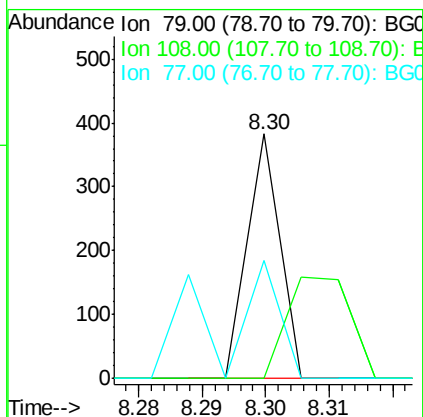
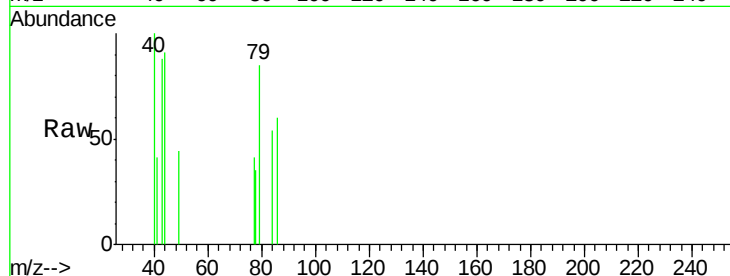
Tot Ion: 79 Resp: 135

Ion Ratio Lower Upper

79 100

108 0.0 62.1 93.1#

77 48.0 51.9 77.9#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.010 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.28 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

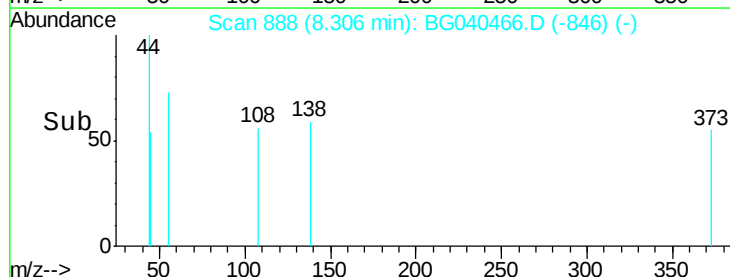
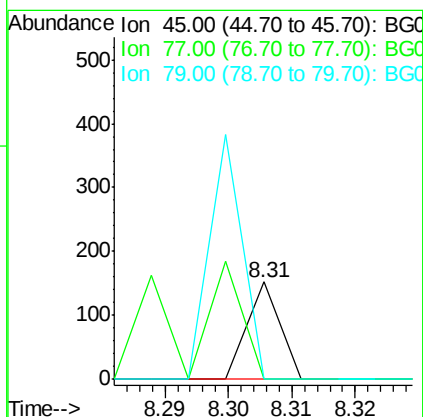
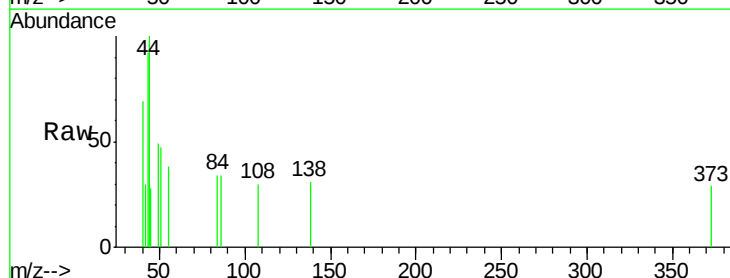
Tgt Ion: 45 Resp: 53

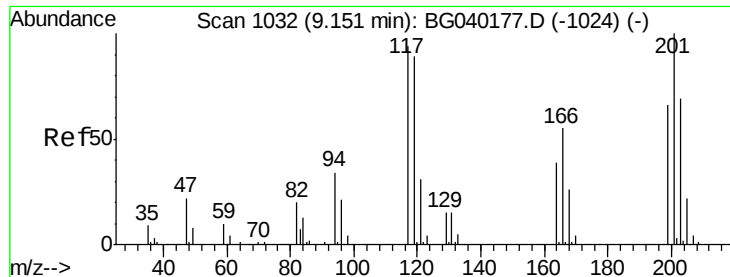
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.4

79 0.0 0.0 28.3

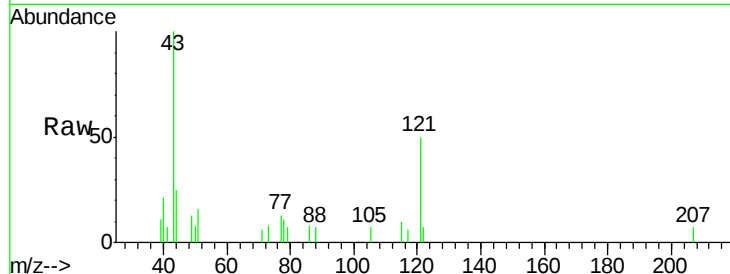




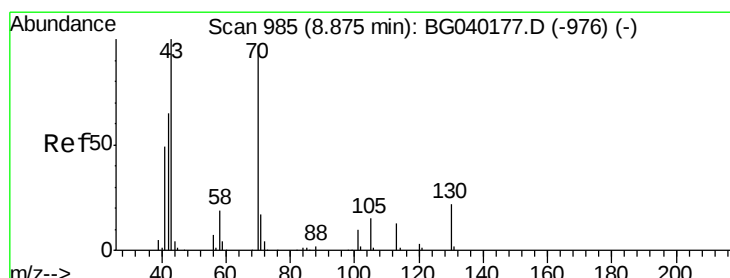
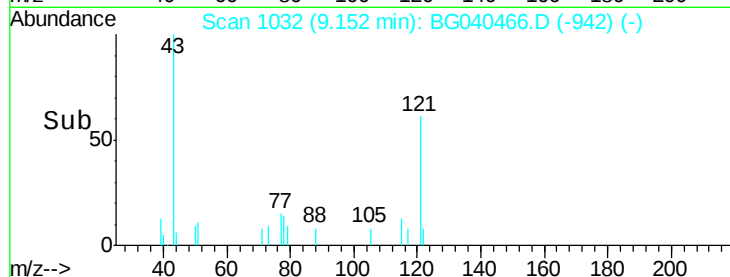
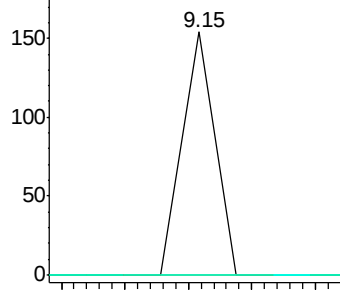
#18  
Hexachloroethane  
Concen: 0.050 ng  
RT: 9.15 min Scan# 1032  
Delta R.T. 0.00 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:117 Resp: 54  
Ion Ratio Lower Upper  
117 100  
119 0.0 76.6 115.0#  
201 0.0 85.0 127.4#

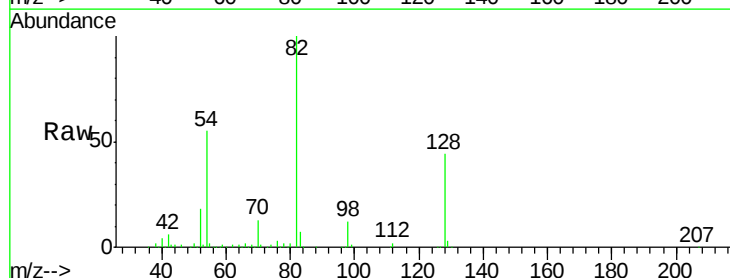


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

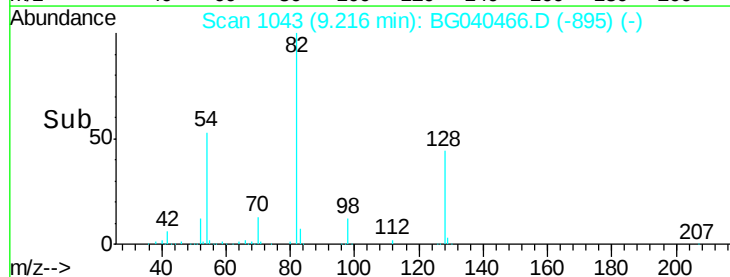
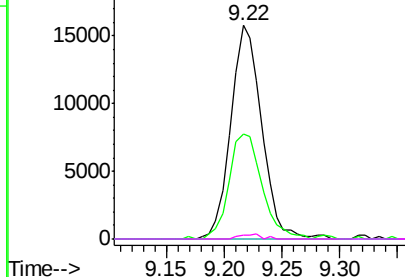


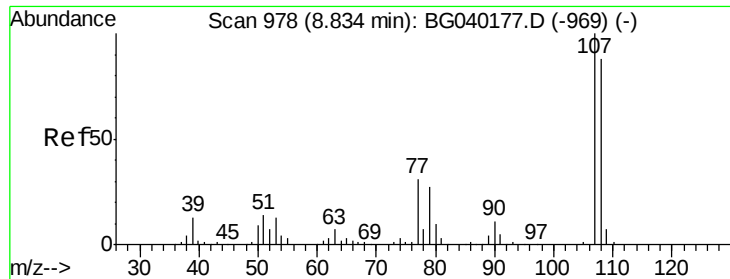
#19  
n-Nitroso-di-n-propylamine  
Concen: 13.351 ng  
RT: 9.22 min Scan# 1043  
Delta R.T. 0.34 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion: 70 Resp: 29369  
Ion Ratio Lower Upper  
70 100  
42 49.1 54.0 81.0#  
101 0.0 8.6 13.0#  
130 1.7 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC





#20

3+4-Methylphenols

Concen: 0.025 ng

RT: 8.86 min Scan# 982

Delta R.T. 0.02 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 79

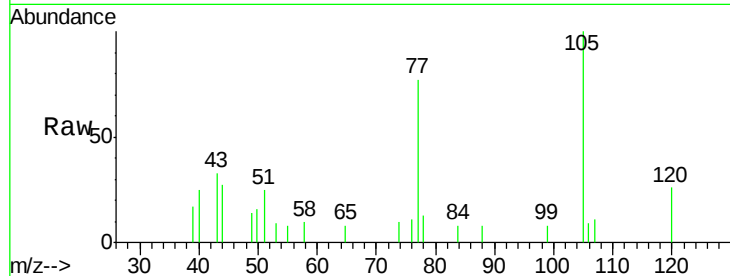
Ion Ratio Lower Upper

107 100

108 0.0 68.3 108.3#

77 724.9 11.3 51.3#

79 0.0 7.3 47.3#

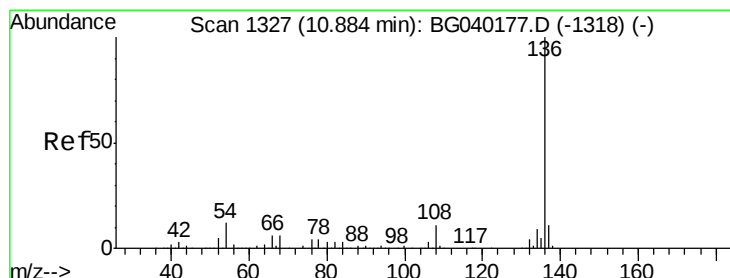
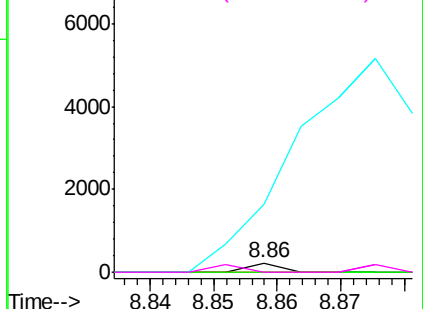
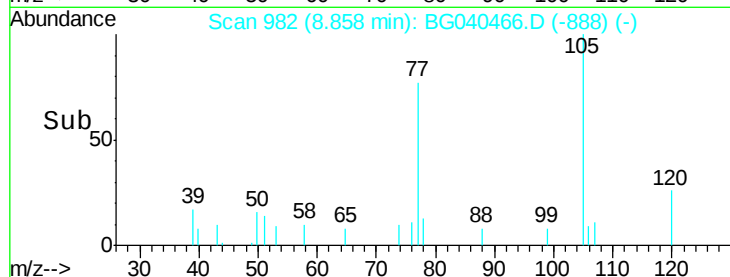


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Tgt Ion:136 Resp: 147316

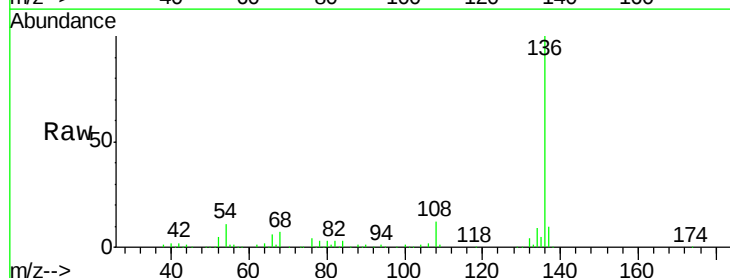
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 11.4 9.6 14.4

68 7.1 5.1 7.7

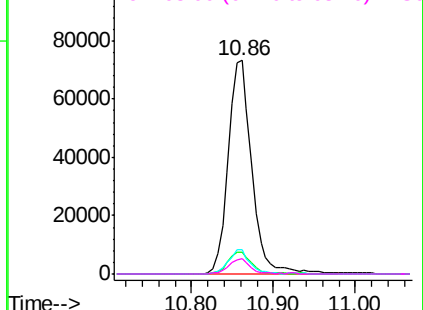
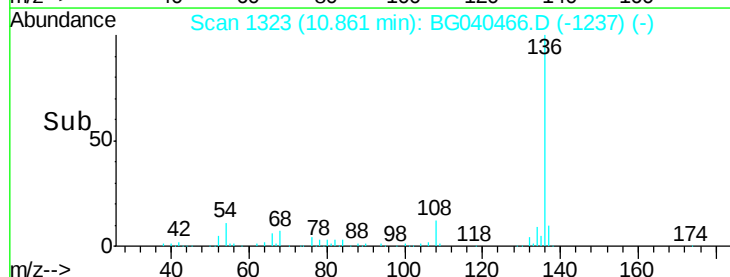


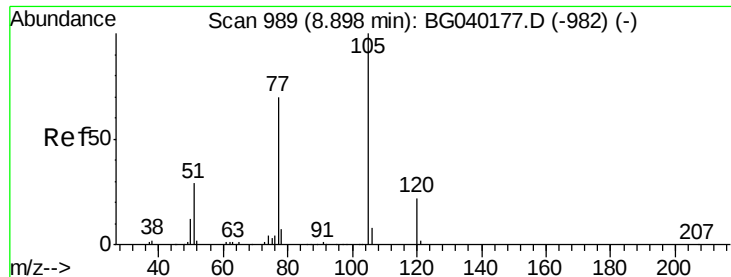
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

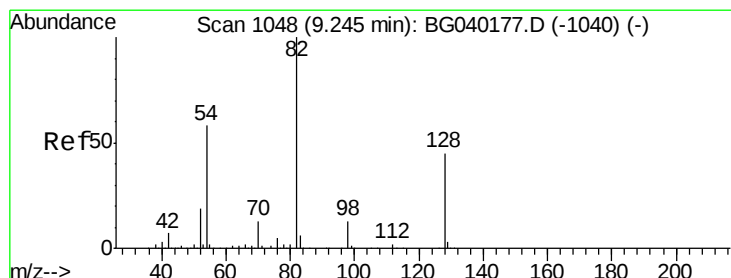
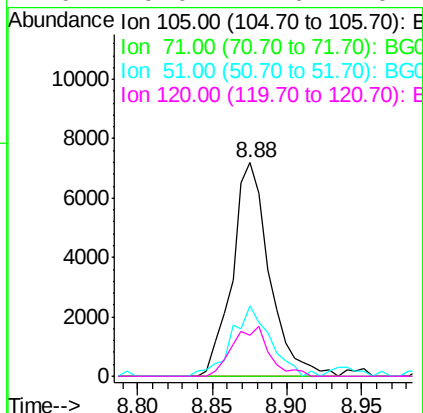
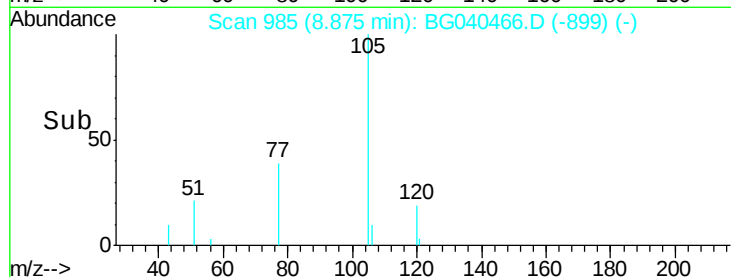
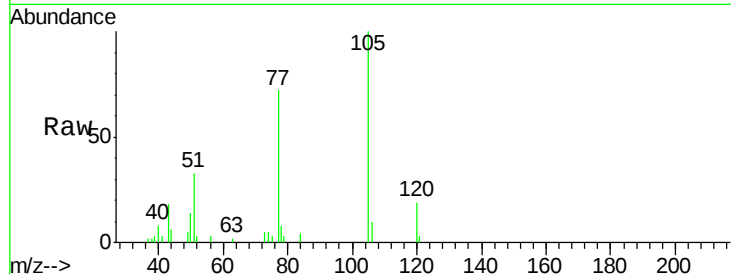




#22  
Acetophenone  
Concen: 3.384 ng  
RT: 8.88 min Scan# 985  
Delta R.T. -0.02 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

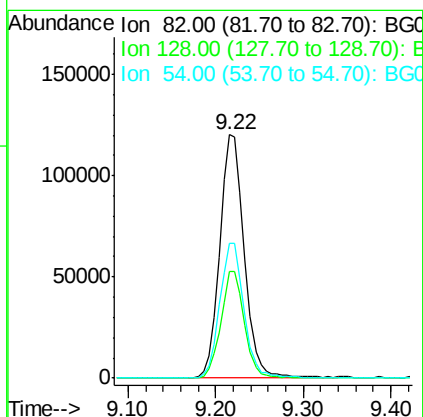
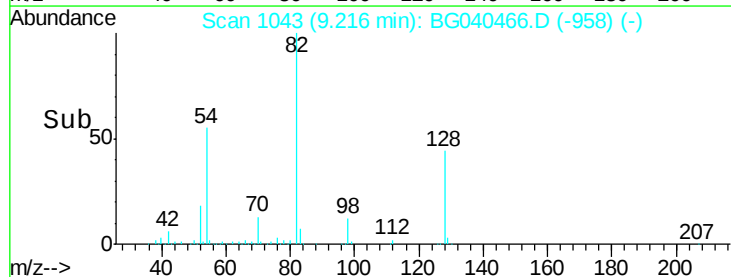
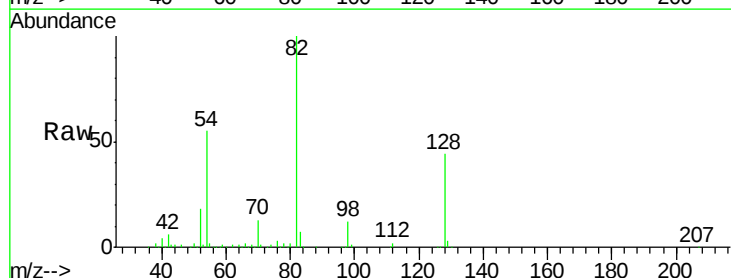
Instrument :  
BNA\_G  
ClientSampleId :

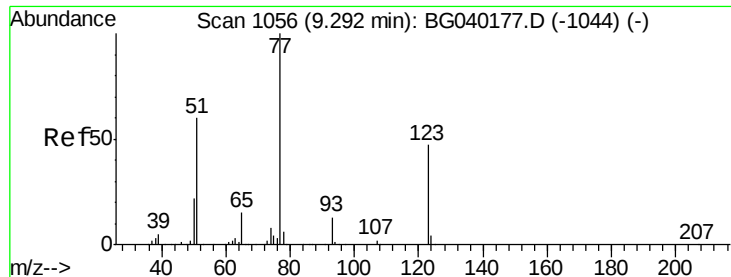
Tot Ion:105 Resp: 12435  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.6 1.0#  
51 32.7 25.1 37.7  
120 19.0 17.6 26.4



#23  
Nitrobenzene-d5  
Concen: 83.953 ng  
RT: 9.22 min Scan# 1043  
Delta R.T. -0.03 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion: 82 Resp: 232678  
Ion Ratio Lower Upper  
82 100  
128 43.7 35.8 53.8  
54 55.4 46.2 69.2

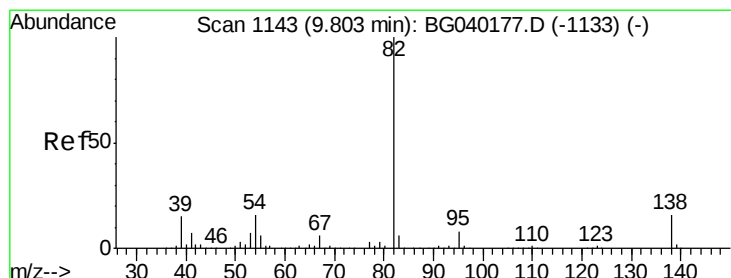
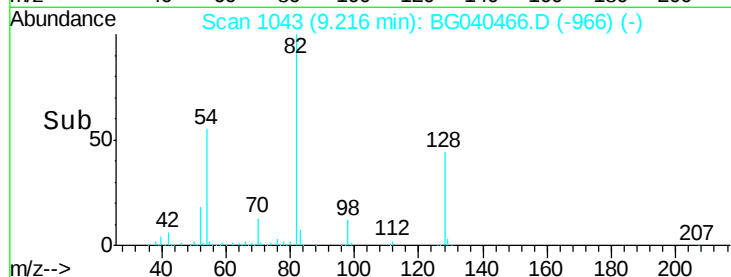
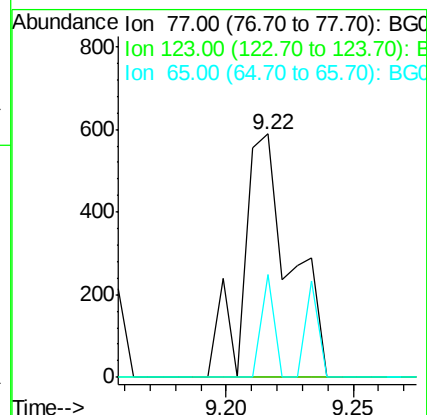
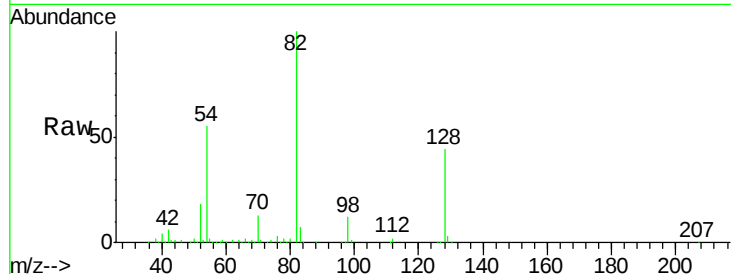




#24  
Nitrobenzene  
Concen: 0.268 ng  
RT: 9.22 min Scan# 1043  
Delta R.T. -0.08 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

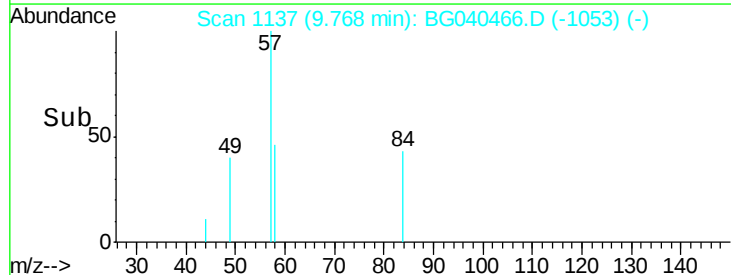
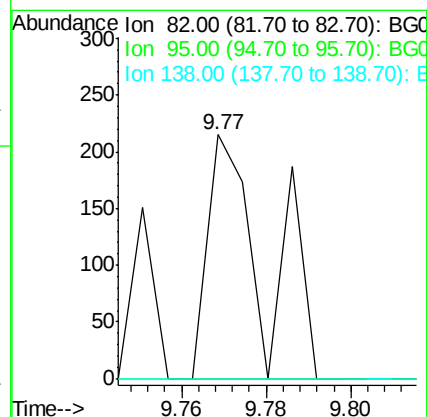
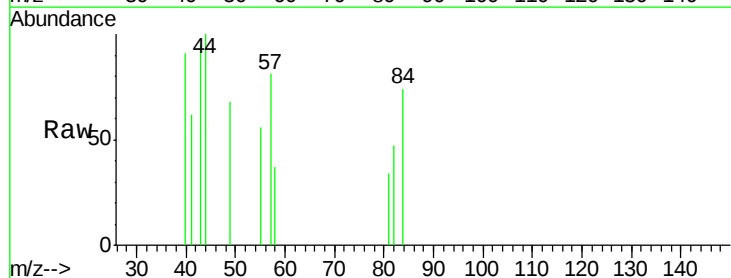
Instrument :  
BNA\_G  
ClientSampleId :

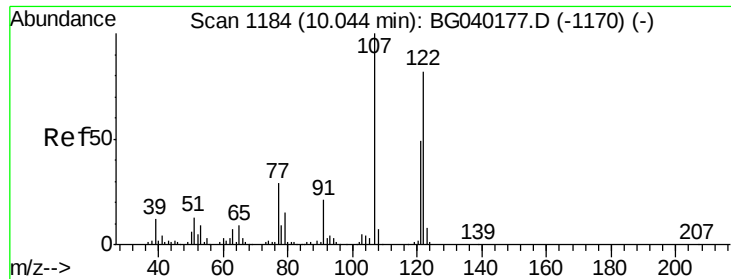
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 0.0   | 37.8  | 56.6# |
| 65      | 42.3  | 12.0  | 18.0# |



#25  
Isophorone  
Concen: 0.036 ng  
RT: 9.77 min Scan# 1137  
Delta R.T. -0.03 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 0.0   | 6.1   | 9.1#  |
| 138     | 0.0   | 13.2  | 19.8# |

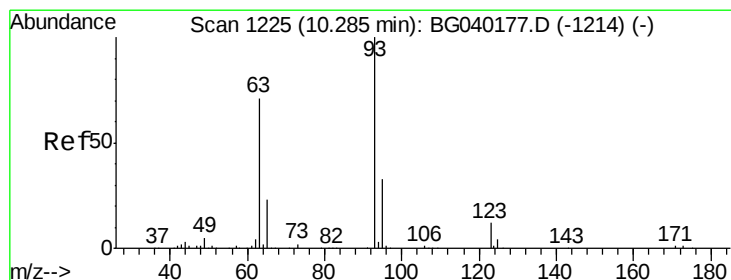
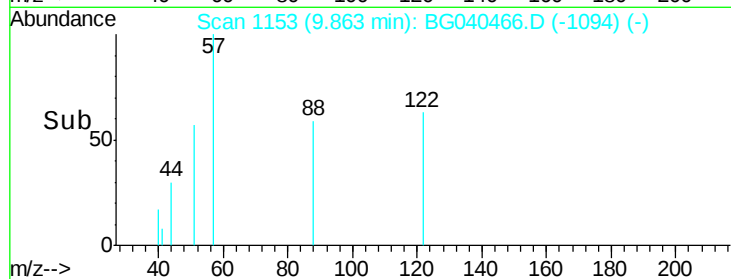
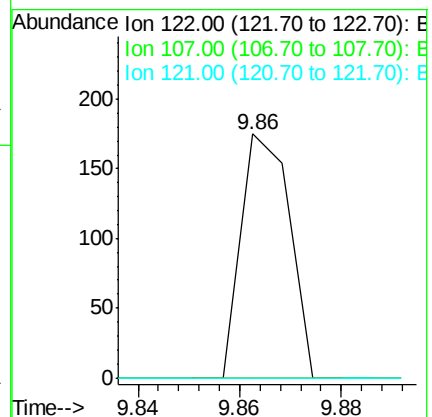
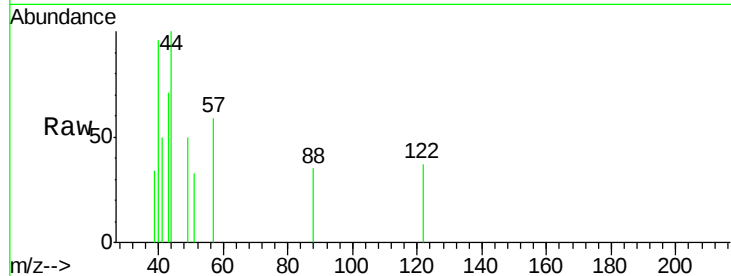




#27  
 2,4-Dimethylphenol  
 Concen: 0.054 ng  
 RT: 9.86 min Scan# 1153  
 Delta R.T. -0.18 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

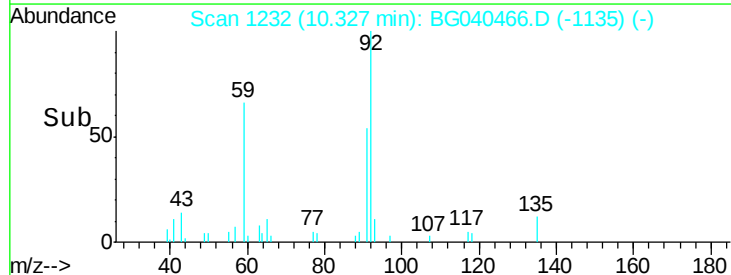
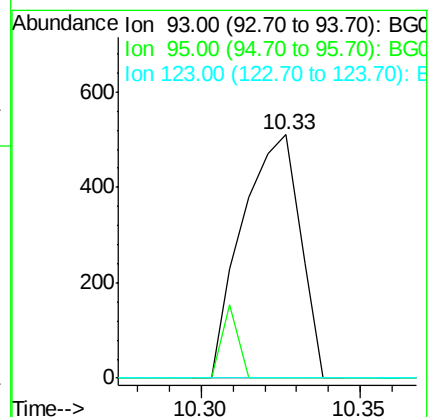
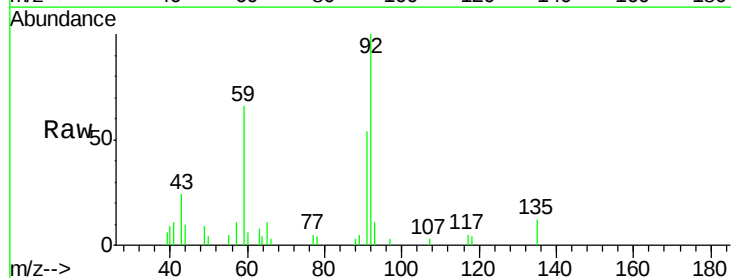
Instrument :  
 BNA\_G  
 ClientSampleId :

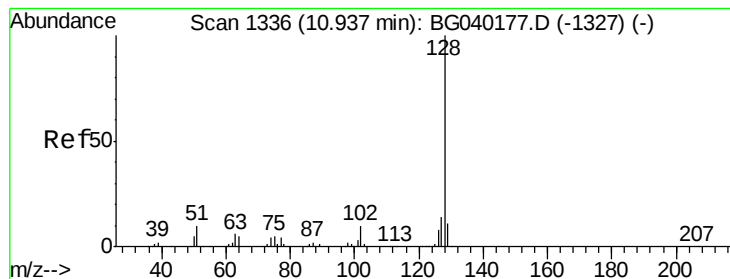
Tot Ion:122 Resp: 116  
 Ion Ratio Lower Upper  
 122 100  
 107 0.0 97.4 146.2#  
 121 100.0 47.7 71.5#



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 0.191 ng  
 RT: 10.33 min Scan# 1232  
 Delta R.T. 0.04 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Tgt Ion: 93 Resp: 644  
 Ion Ratio Lower Upper  
 93 100  
 95 0.0 26.2 39.4#  
 123 0.0 9.4 14.0#





#31

Naphthalene

Concen: 0.010 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG040466.D

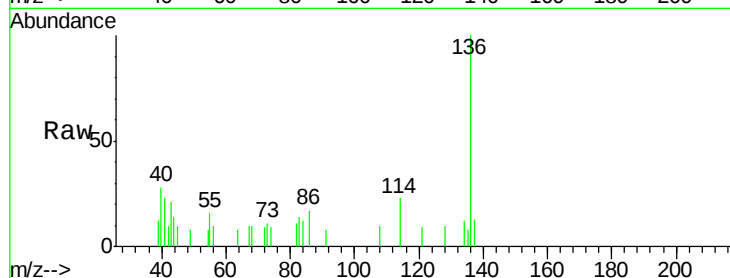
Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 75    |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 0.0   | 8.9   | 13.3# |
| 127      | 0.0   | 11.4  | 17.0# |

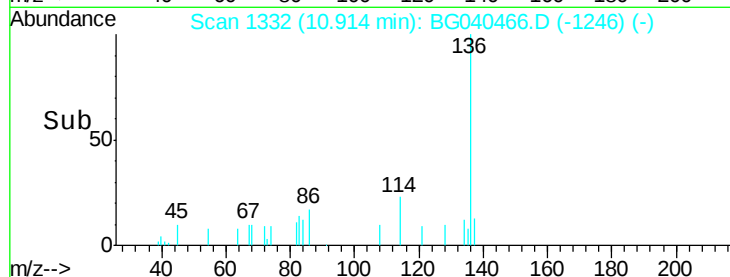


Abundance Ion 128.00 (127.70 to 128.70): E

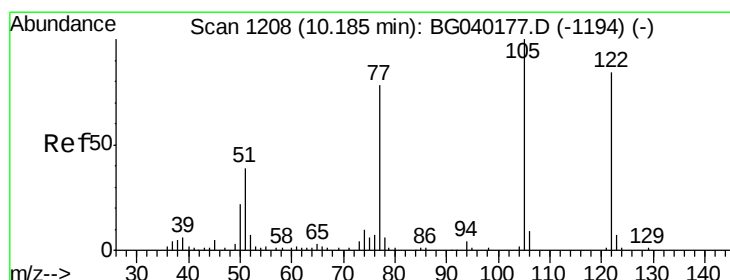
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.91



Time-->



#32

Benzoic acid

Concen: 0.043 ng

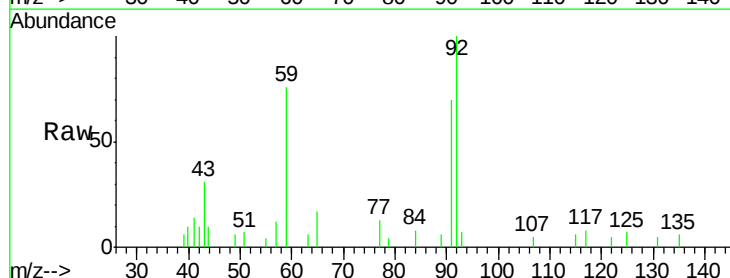
RT: 10.33 min Scan# 1233

Delta R.T. 0.15 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 56     |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 0.0   | 98.2  | 138.2# |
| 77       | 289.9 | 73.6  | 113.6# |

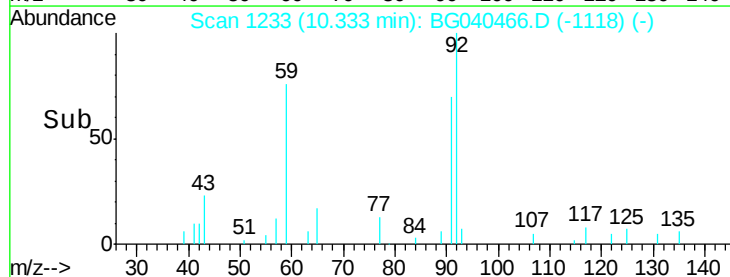


Abundance Ion 122.00 (121.70 to 122.70): E

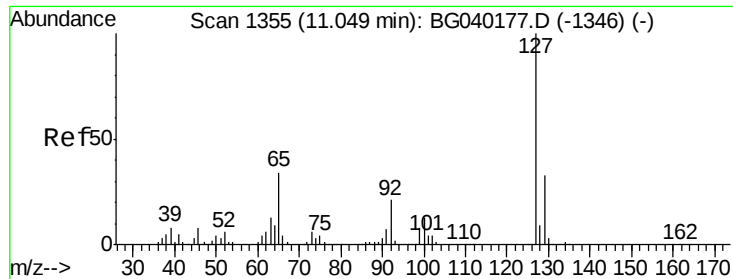
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

10.33



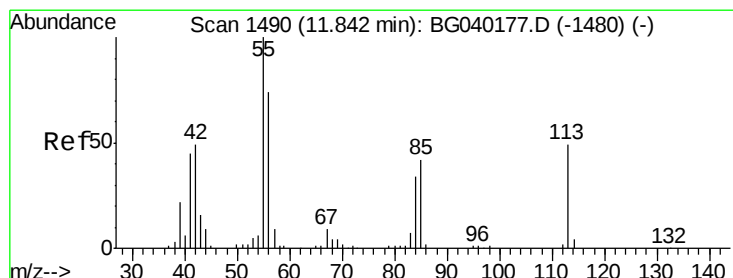
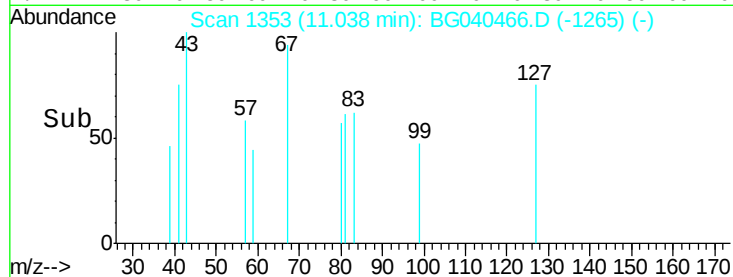
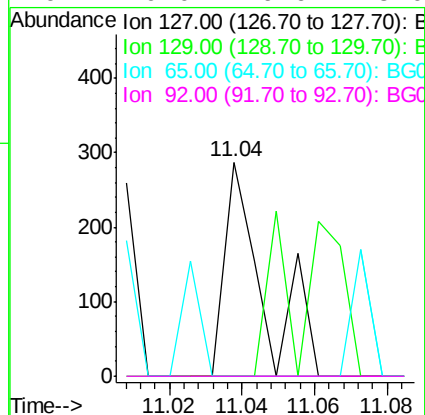
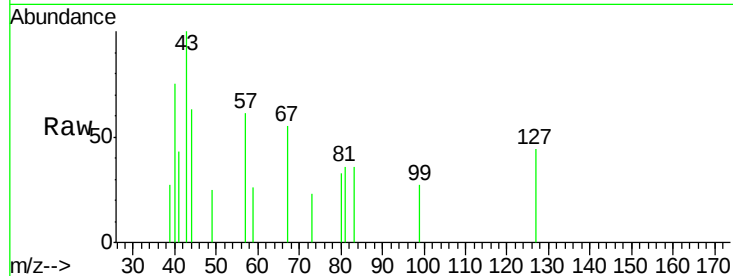
Time-->



#33  
4-Chloroaniline  
Concen: 0.066 ng  
RT: 11.04 min Scan# 1353  
Delta R.T. -0.01 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

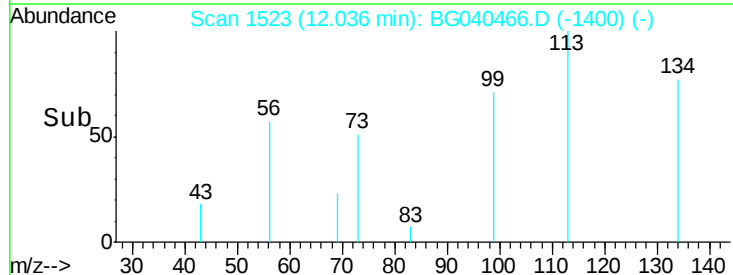
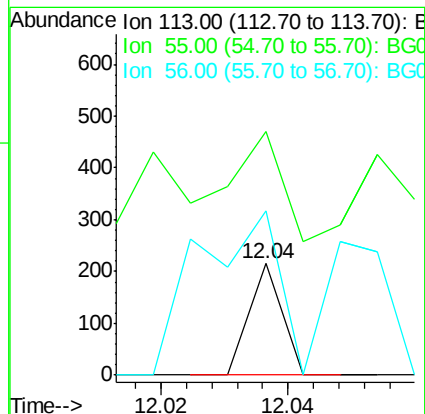
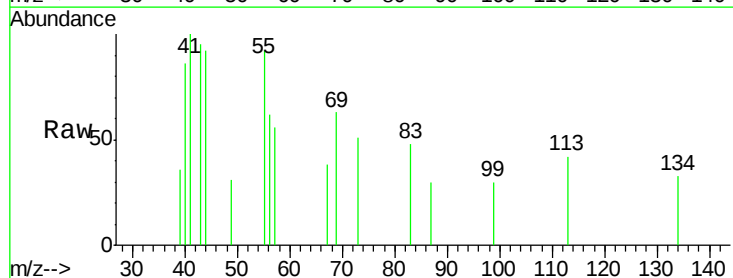
Instrument :  
BNA\_G  
ClientSampleId :

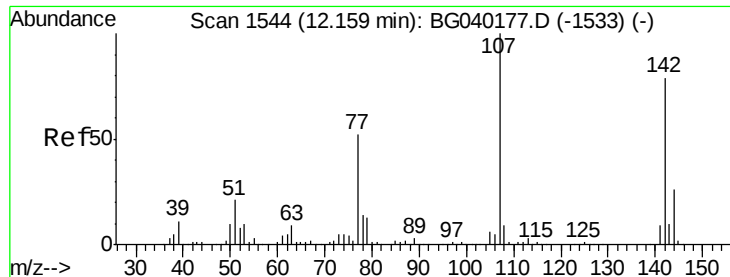
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 214   |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 0.0   | 26.6  | 40.0# |
| 65       | 0.0   | 27.0  | 40.4# |
| 92       | 0.0   | 16.6  | 25.0# |



#35  
Caprolactam  
Concen: 0.082 ng  
RT: 12.04 min Scan# 1523  
Delta R.T. 0.19 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 76    |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 218.6 | 184.2 | 224.2 |
| 56       | 147.0 | 131.3 | 171.3 |

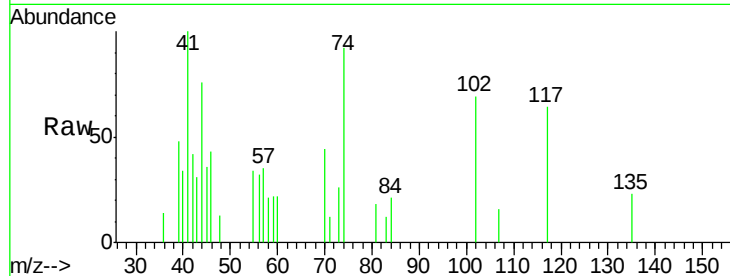




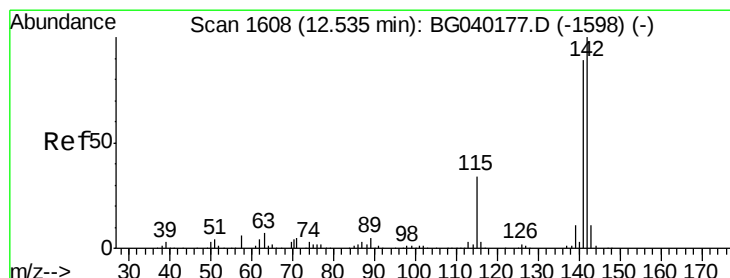
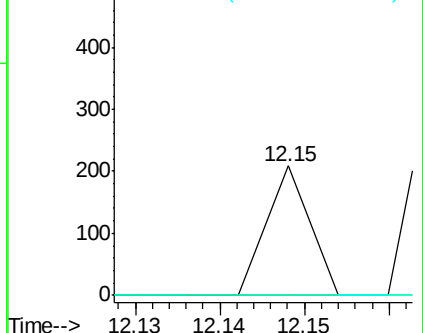
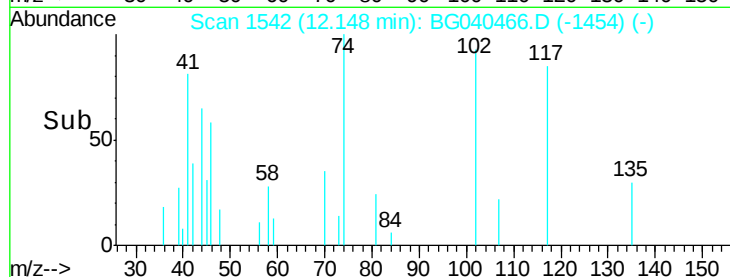
#36  
 4-Chloro-3-methylphenol  
 Concen: 0.027 ng  
 RT: 12.15 min Scan# 1542  
 Delta R.T. -0.01 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:107 Resp: 74  
 Ion Ratio Lower Upper  
 107 100  
 144 0.0 20.5 30.7#  
 142 0.0 63.1 94.7#

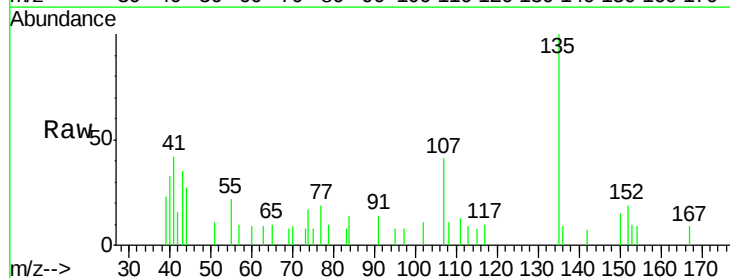


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

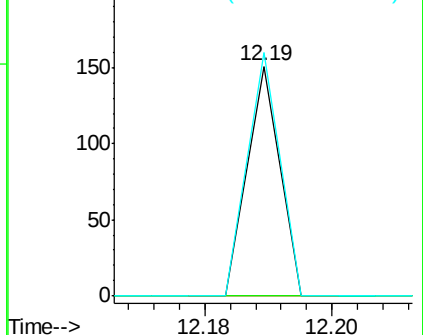
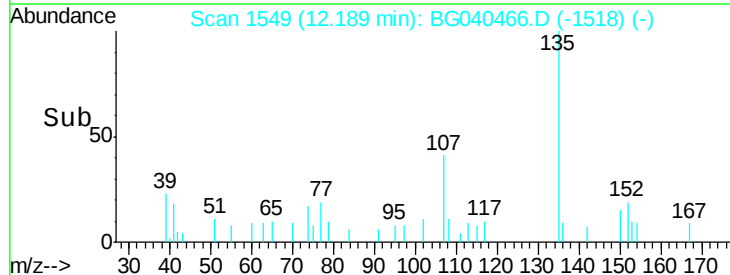


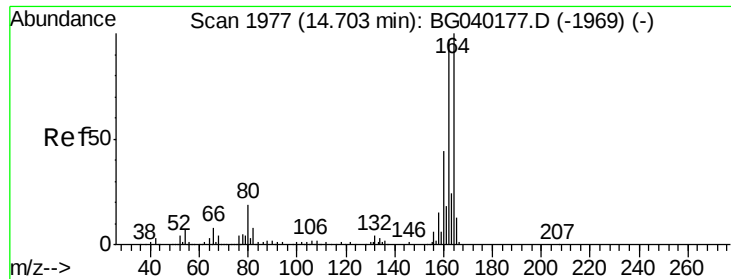
#37  
 2-Methylnaphthalene  
 Concen: 0.009 ng  
 RT: 12.19 min Scan# 1549  
 Delta R.T. -0.35 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Tgt Ion:142 Resp: 53  
 Ion Ratio Lower Upper  
 142 100  
 141 0.0 71.0 106.6#  
 115 106.0 27.3 40.9#



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

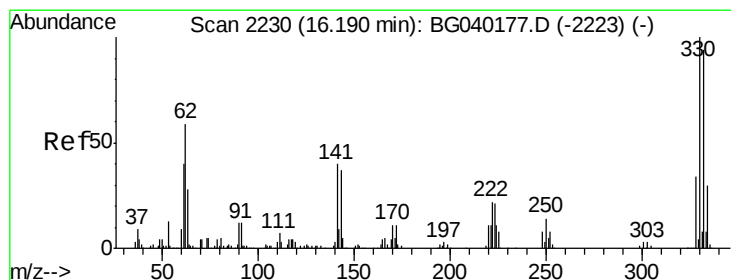
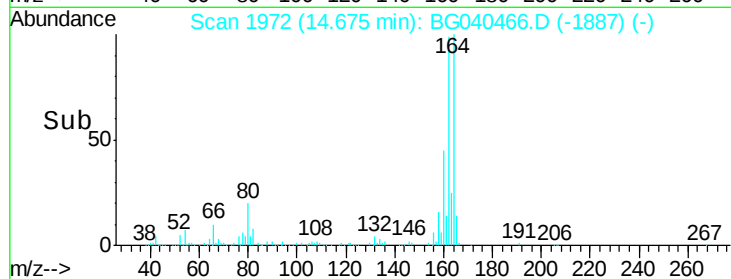
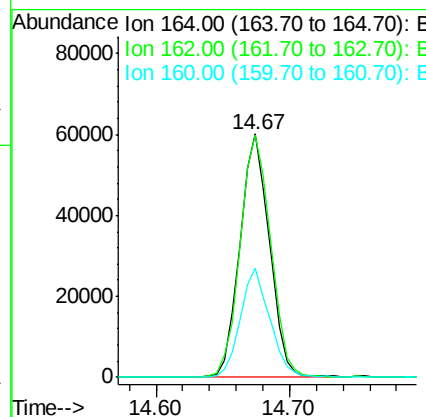
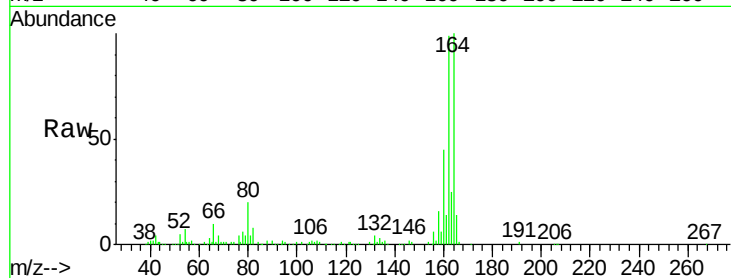




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1972  
Delta R.T. -0.03 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

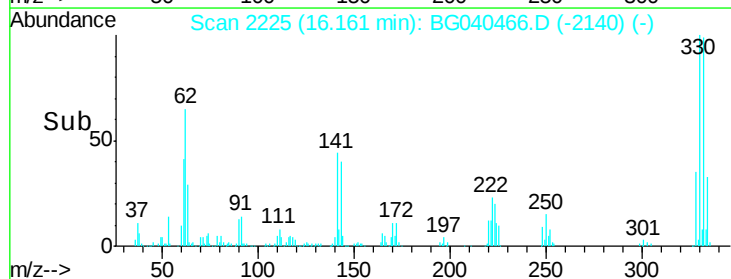
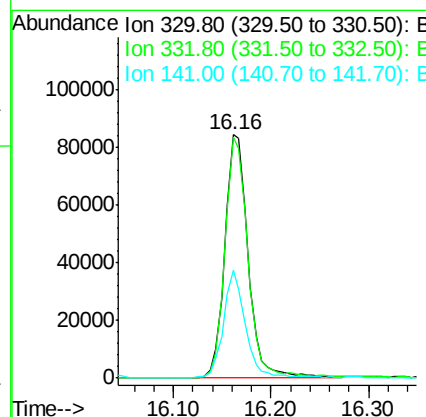
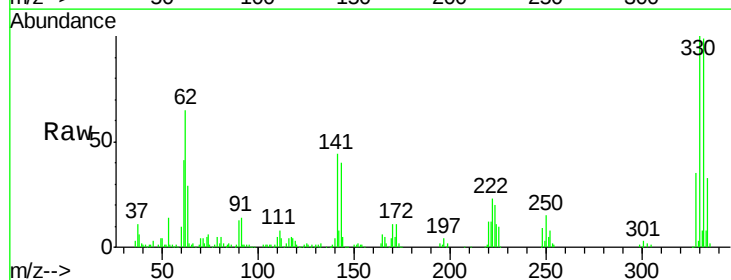
Instrument :  
BNA\_G  
ClientSampleId :

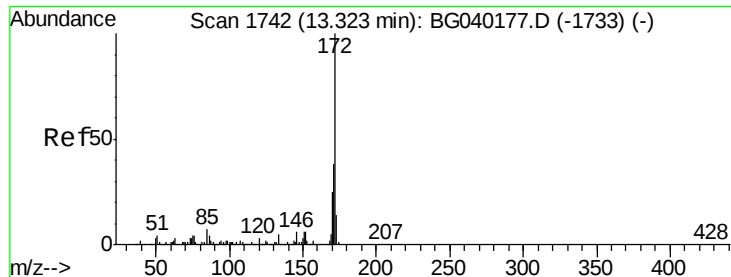
Tot Ion:164 Resp: 92375  
Ion Ratio Lower Upper  
164 100  
162 99.4 77.4 116.2  
160 45.1 35.3 52.9



#42  
2,4,6-Tribromophenol  
Concen: 140.817 ng  
RT: 16.16 min Scan# 2225  
Delta R.T. -0.03 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion:330 Resp: 140582  
Ion Ratio Lower Upper  
330 100  
332 98.6 76.6 115.0  
141 41.3 32.6 48.8

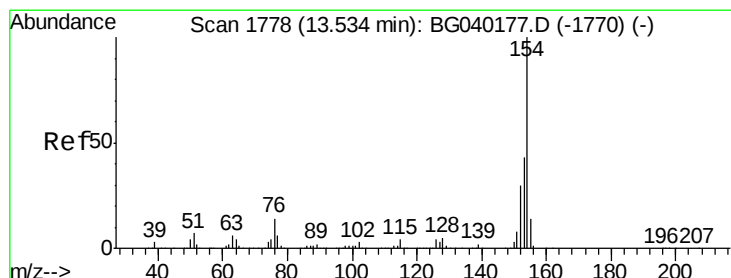
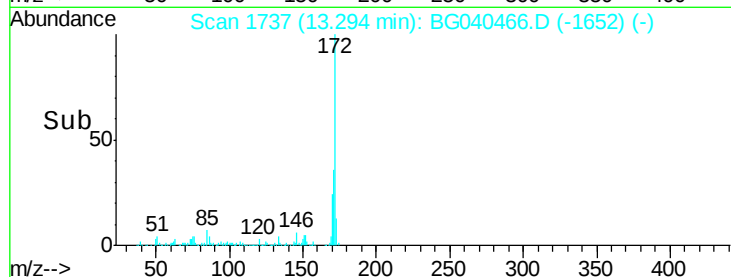
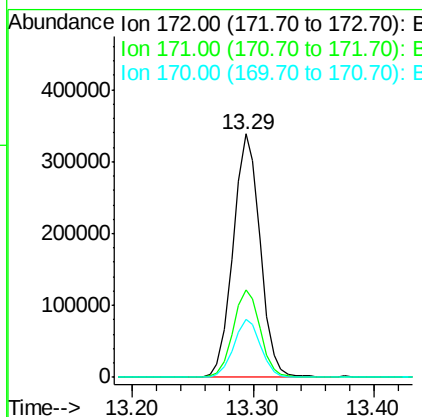
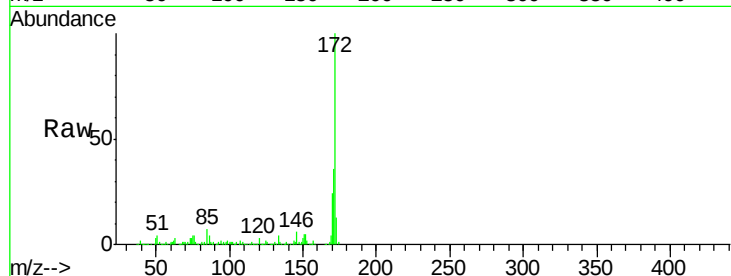




#45  
2-Fluorobiphenyl  
Concen: 84.814 ng  
RT: 13.29 min Scan# 1737  
Delta R.T. -0.03 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

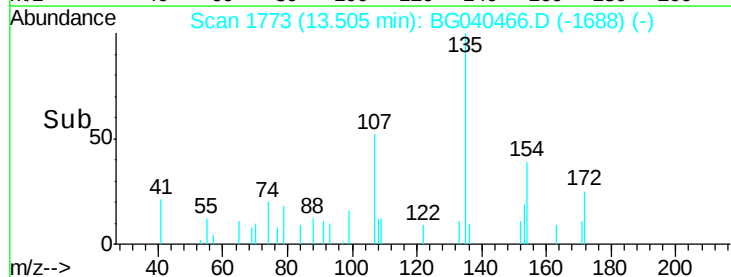
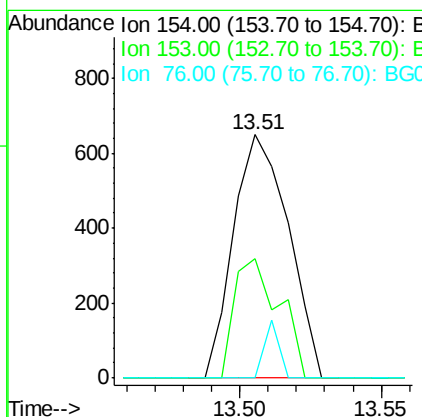
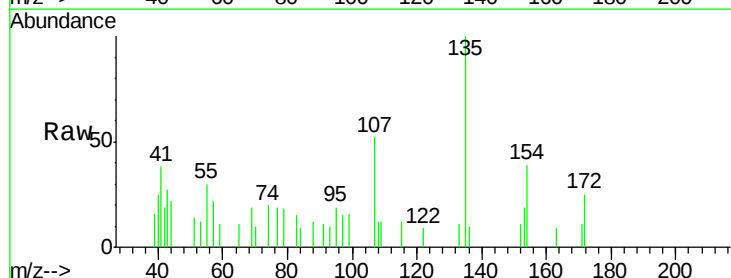
Instrument :  
BNA\_G  
ClientSampleId :

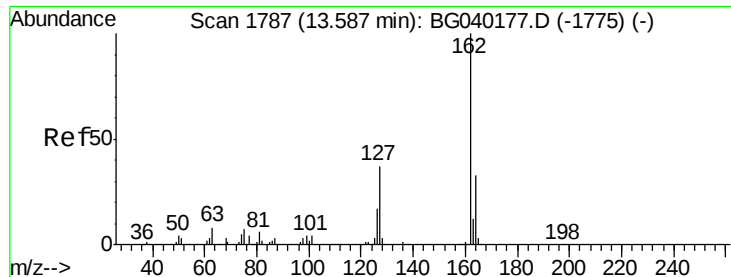
Tot Ion:172 Resp: 528744  
Ion Ratio Lower Upper  
172 100  
171 35.7 30.5 45.7  
170 24.0 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 0.120 ng  
RT: 13.51 min Scan# 1773  
Delta R.T. -0.03 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion:154 Resp: 875  
Ion Ratio Lower Upper  
154 100  
153 48.9 22.5 62.5  
76 0.0 0.0 33.7

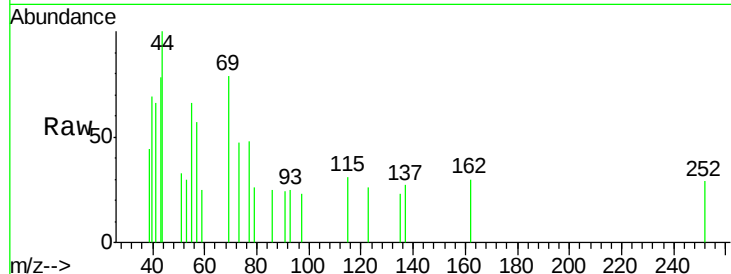




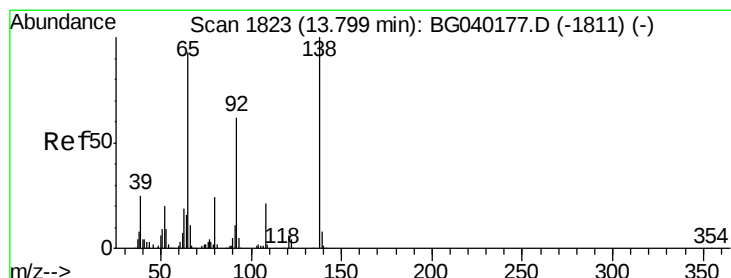
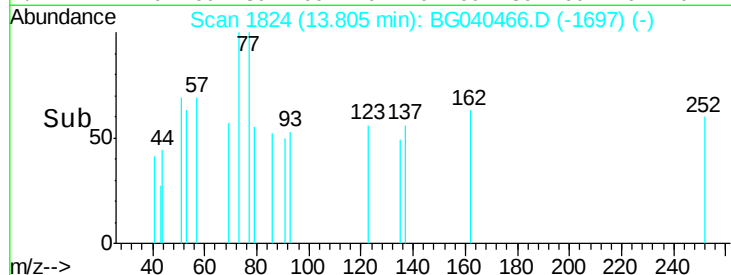
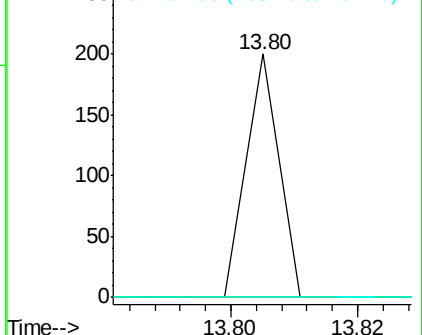
#47  
 2-Chloronaphthalene  
 Concen: 0.013 ng  
 RT: 13.80 min Scan# 1824  
 Delta R.T. 0.22 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 0.0   | 30.6  | 45.8# |
| 164     | 0.0   | 26.2  | 39.4# |

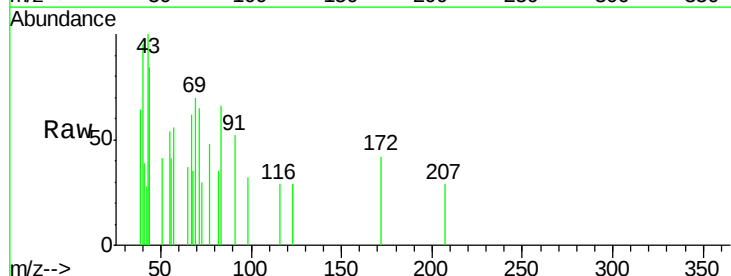


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

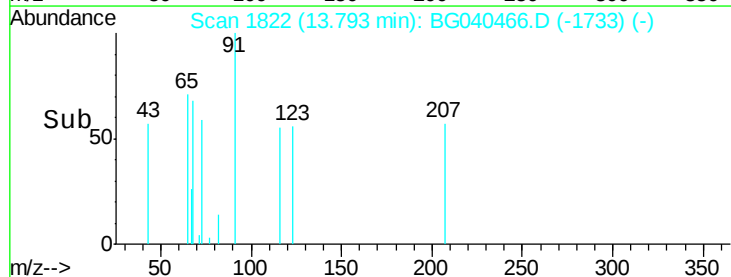
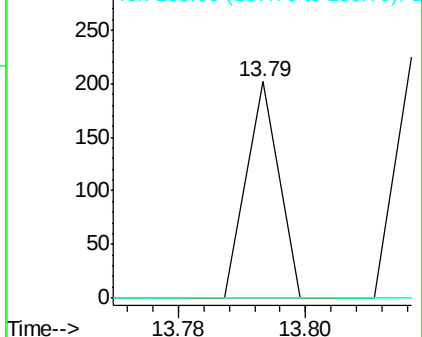


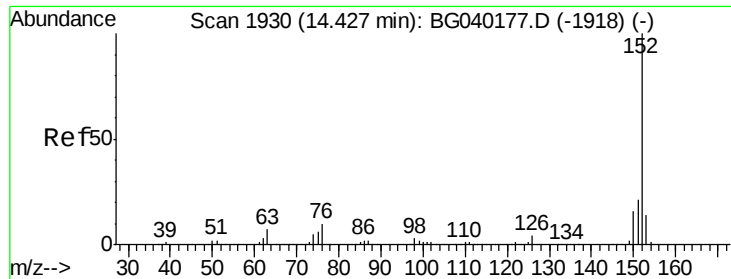
#48  
 2-Nitroaniline  
 Concen: 0.038 ng  
 RT: 13.79 min Scan# 1822  
 Delta R.T. -0.01 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 0.0   | 53.8  | 80.6#  |
| 138     | 0.0   | 86.3  | 129.5# |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.006 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

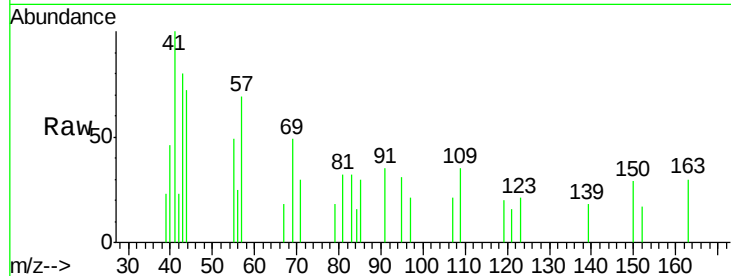
Tot Ion:152 Resp: 59

Ion Ratio Lower Upper

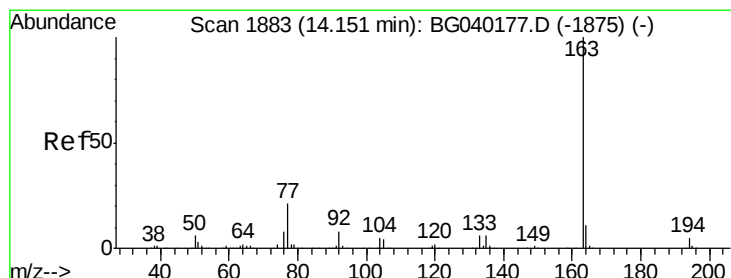
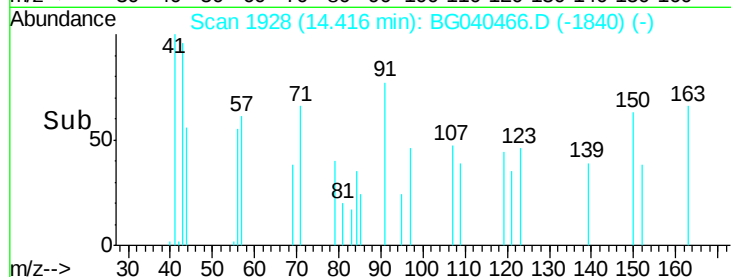
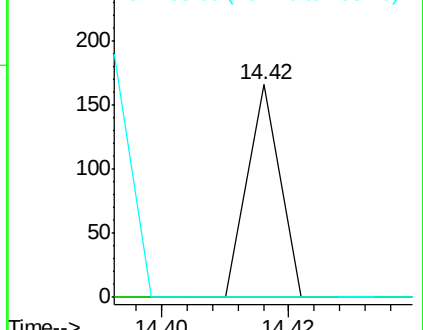
152 100

151 0.0 17.0 25.6#

153 0.0 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.475 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

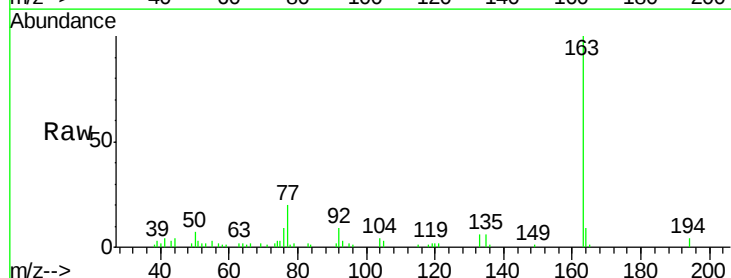
Tgt Ion:163 Resp: 25123

Ion Ratio Lower Upper

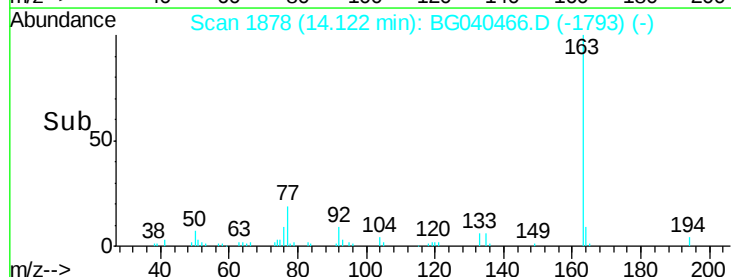
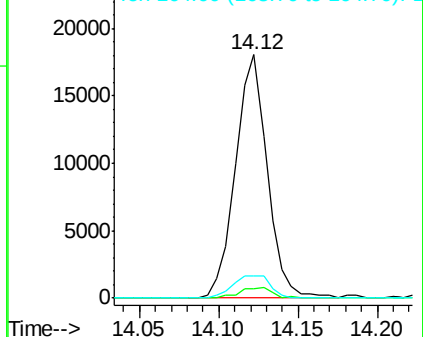
163 100

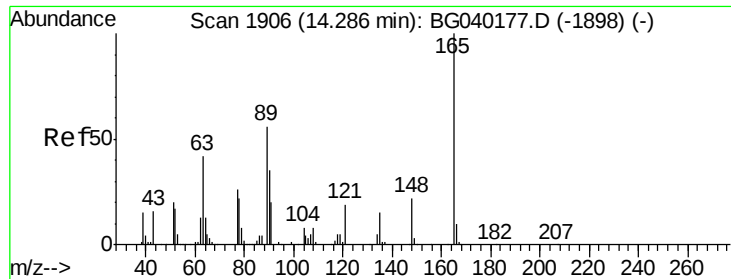
194 3.8 4.1 6.1#

164 9.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.101 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.39 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

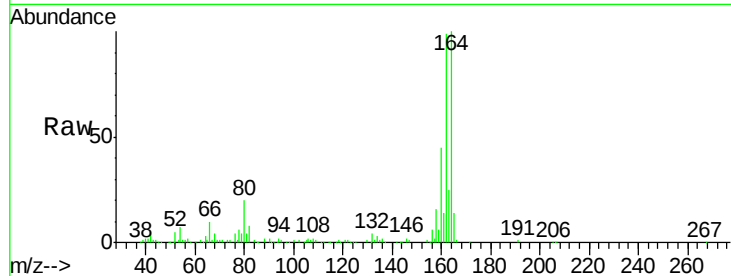
Tot Ion:165 Resp: 11527

Ion Ratio Lower Upper

165 100

63 2.0 44.1 66.1#

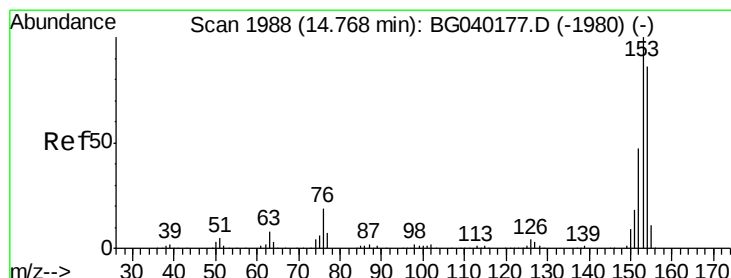
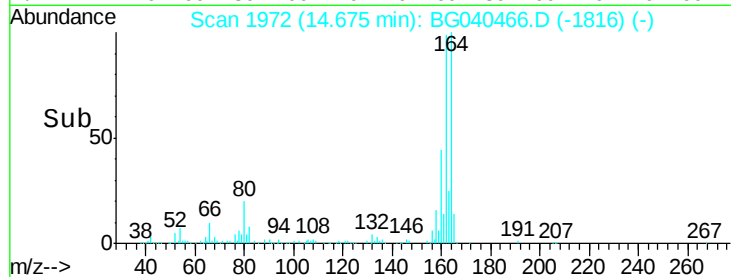
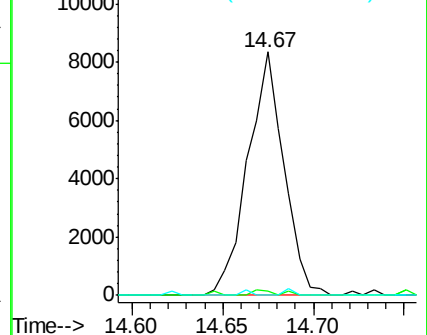
89 0.0 44.9 67.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 0.013 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

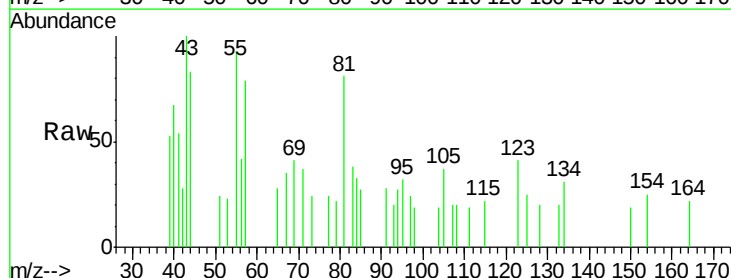
Tgt Ion:154 Resp: 71

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

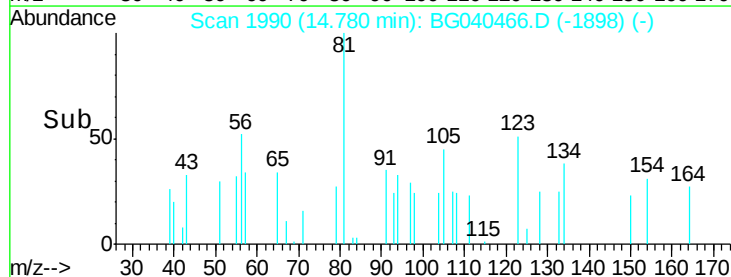
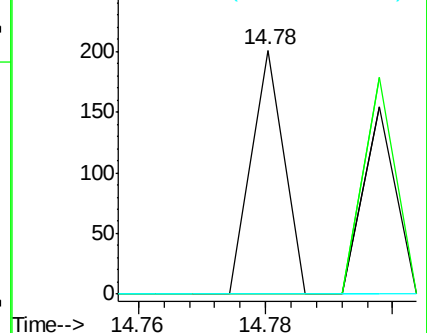
152 0.0 43.4 65.2#

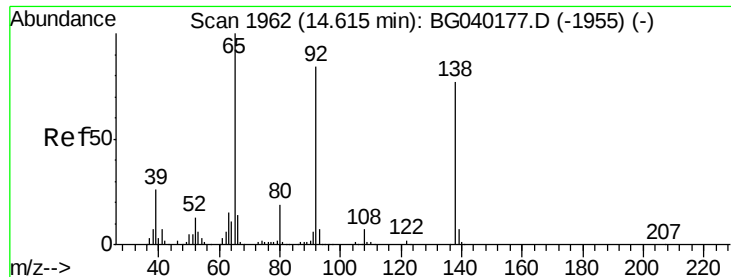


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 0.038 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.03 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

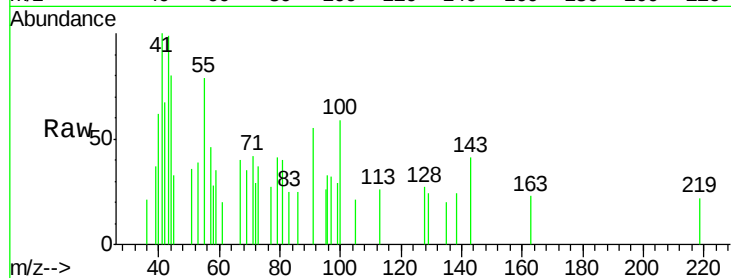
Tot Ion:138 Resp: 65

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.8#

92 0.0 87.5 131.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B

14.58

150

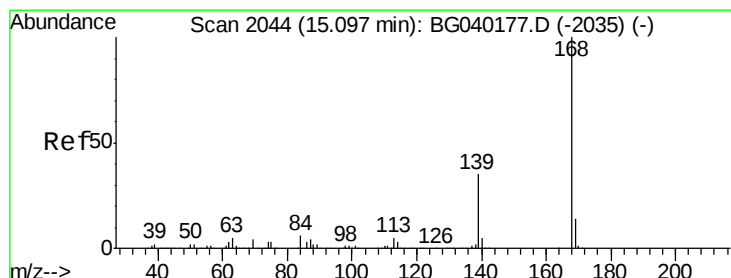
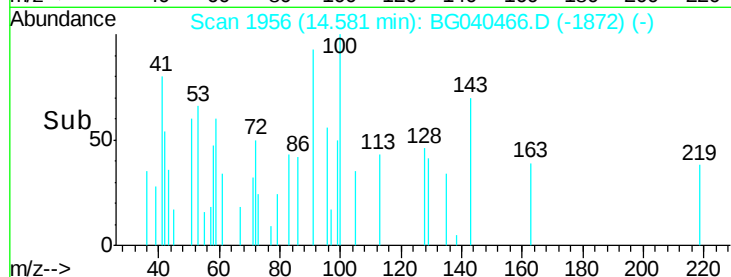
100

50

0

14.56 14.58

Time-->



#55

Dibenzofuran

Concen: 0.008 ng

RT: 15.11 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

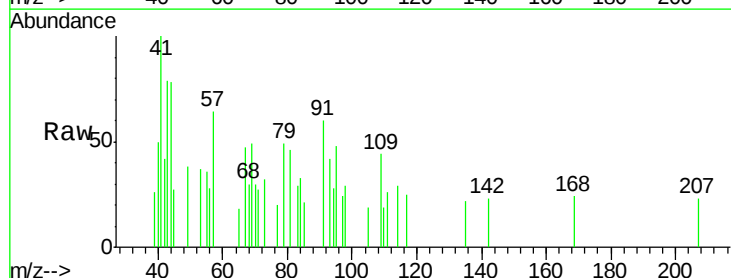
Tgt Ion:168 Resp: 74

Ion Ratio Lower Upper

168 100

139 0.0 27.9 41.9#

169 0.0 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.11

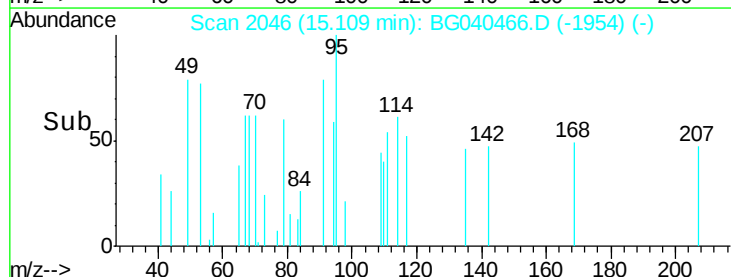
200

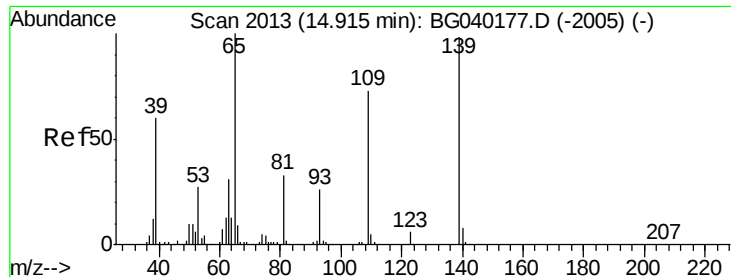
100

0

15.09 15.10 15.11 15.12

Time-->

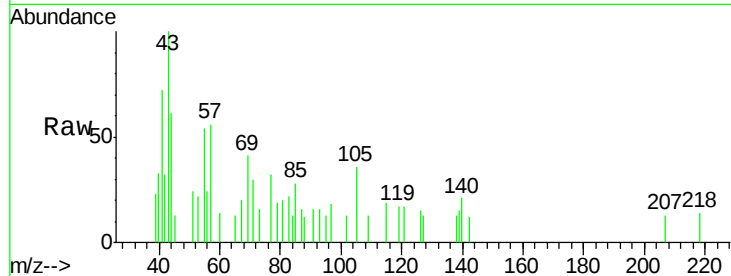




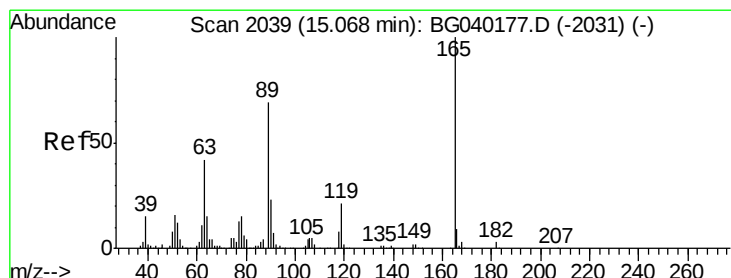
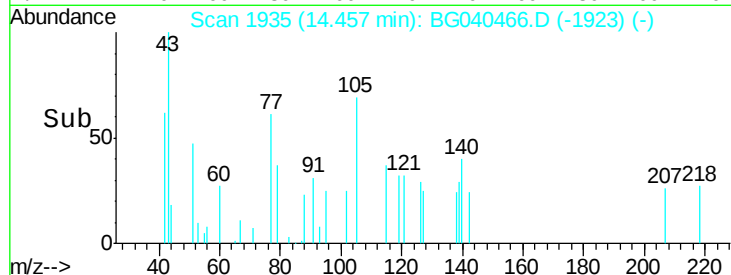
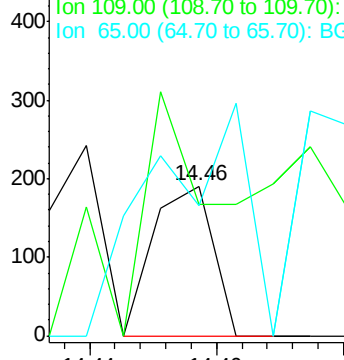
#56  
4-Nitrophenol  
Concen: 0.089 ng  
RT: 14.46 min Scan# 1935  
Delta R.T. -0.46 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:139 Resp: 124  
Ion Ratio Lower Upper  
139 100  
109 87.4 54.3 94.3  
65 86.9 82.5 122.5

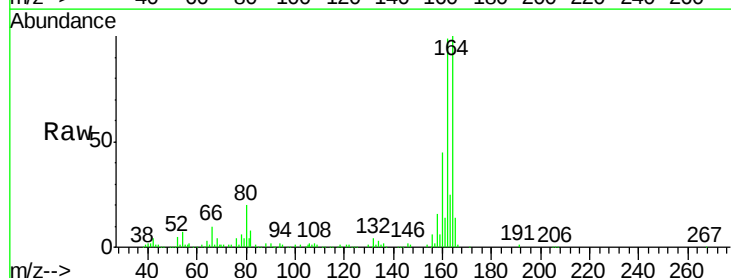


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): B

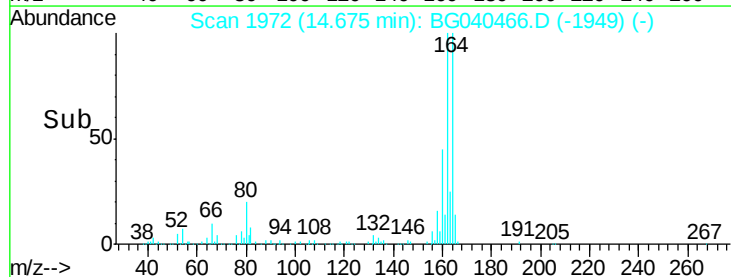
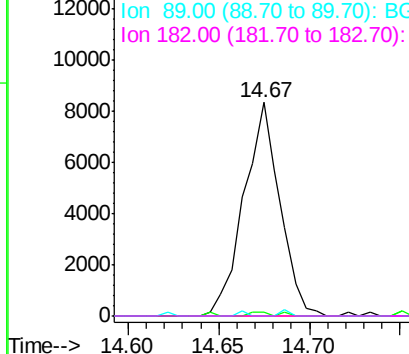


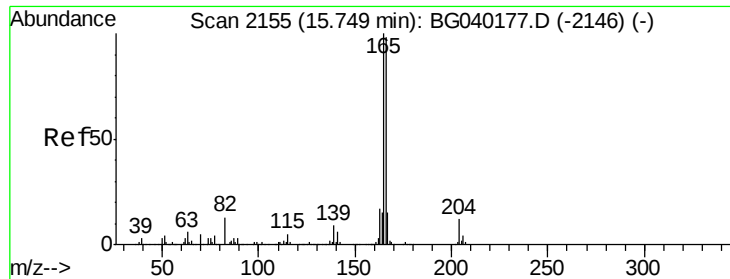
#57  
2,4-Dinitrotoluene  
Concen: 5.110 ng  
RT: 14.67 min Scan# 1972  
Delta R.T. -0.39 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion:165 Resp: 11527  
Ion Ratio Lower Upper  
165 100  
63 2.0 33.8 50.6#  
89 0.0 55.4 83.2#  
182 0.0 2.2 3.4#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): B  
Ion 89.00 (88.70 to 89.70): B  
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.908 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.41 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampleId :

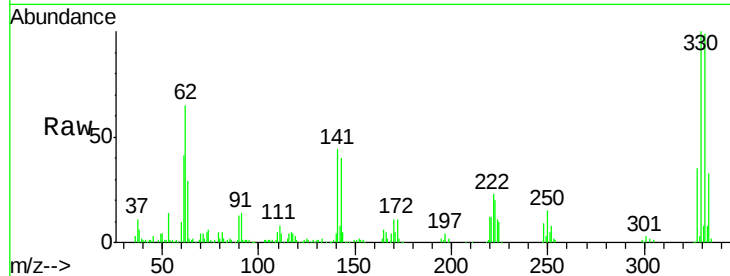
Tot Ion:166 Resp: 6241

Ion Ratio Lower Upper

166 100

165 122.1 81.7 122.5

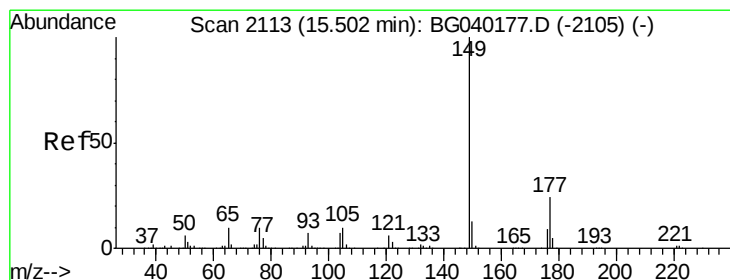
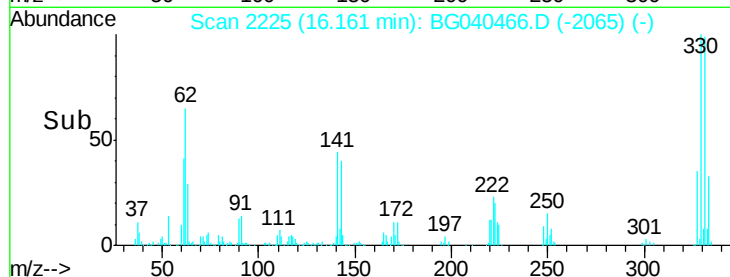
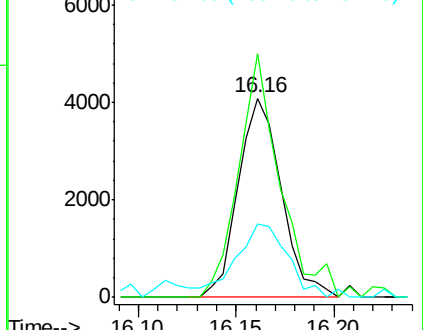
167 37.1 11.9 17.9#



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: 0.188 ng

RT: 15.47 min Scan# 2107

Delta R.T. -0.03 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

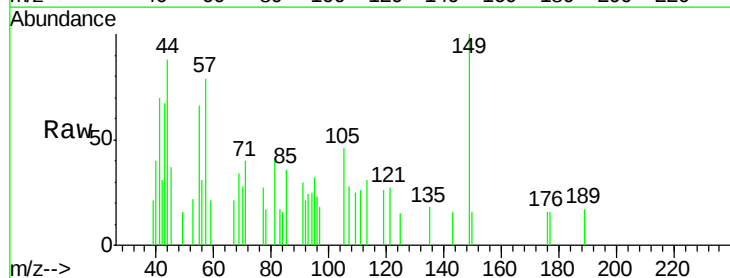
Tgt Ion:149 Resp: 1393

Ion Ratio Lower Upper

149 100

177 16.0 19.1 28.7#

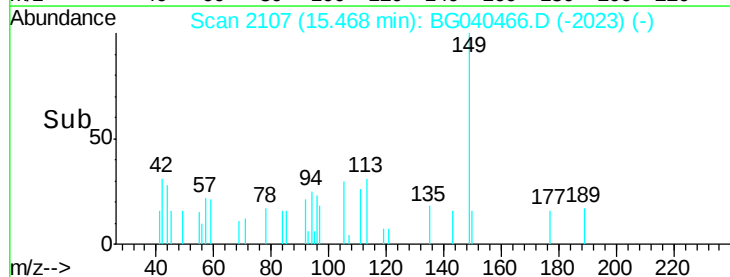
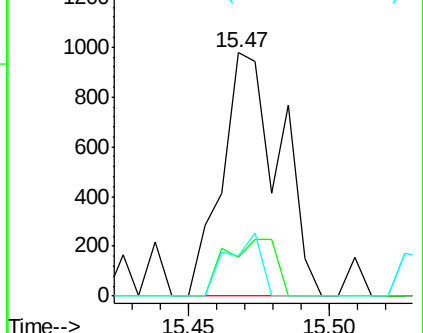
150 16.5 10.6 15.8#

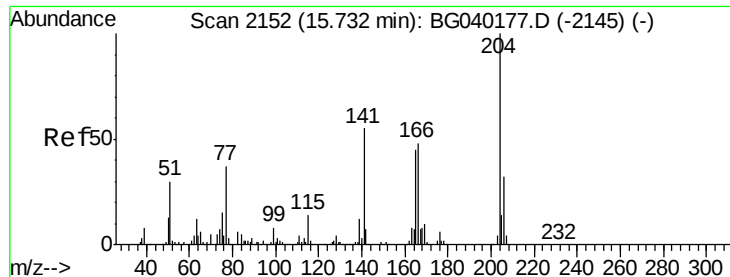


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 0.015 ng

RT: 15.87 min Scan# 2175

Delta R.T. 0.14 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

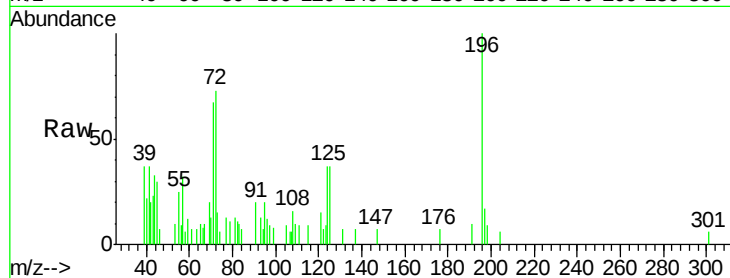
Tot Ion:204 Resp: 54

Ion Ratio Lower Upper

204 100

206 0.0 25.7 38.5#

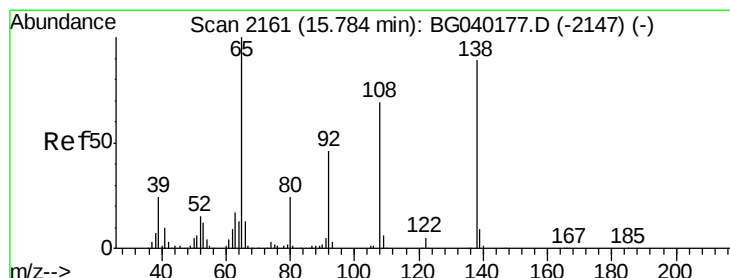
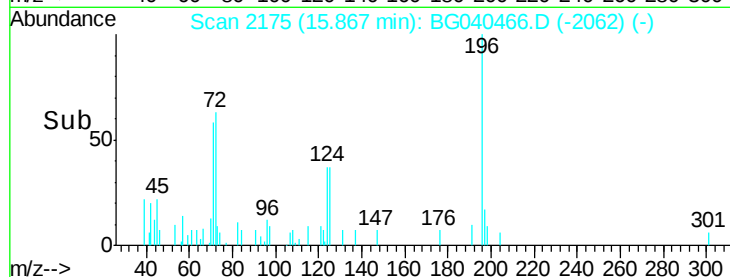
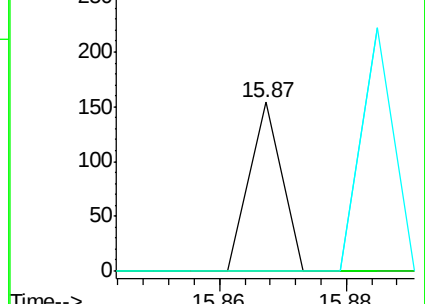
141 0.0 44.0 66.0#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 0.040 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.03 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

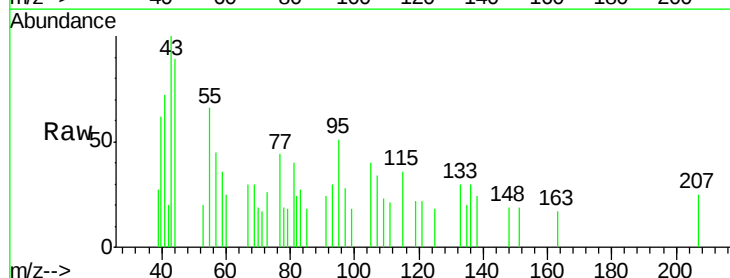
Tgt Ion:138 Resp: 74

Ion Ratio Lower Upper

138 100

92 0.0 31.8 71.8#

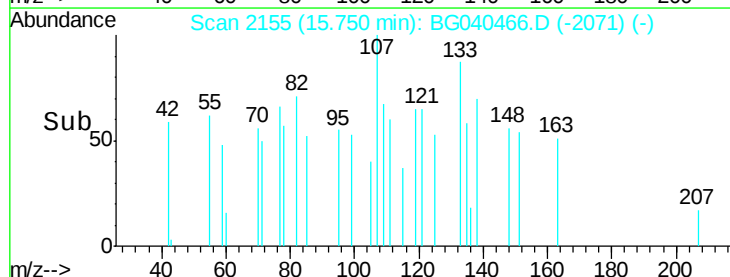
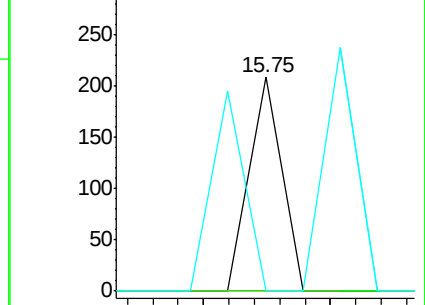
108 0.0 57.2 97.2#

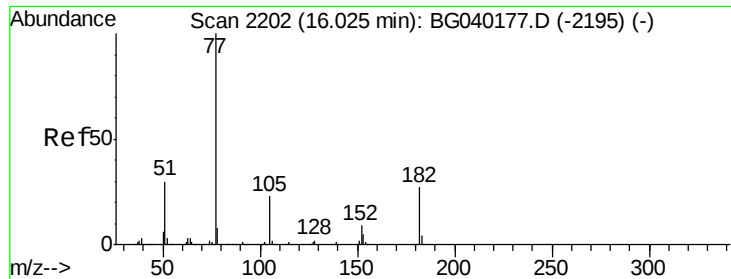


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

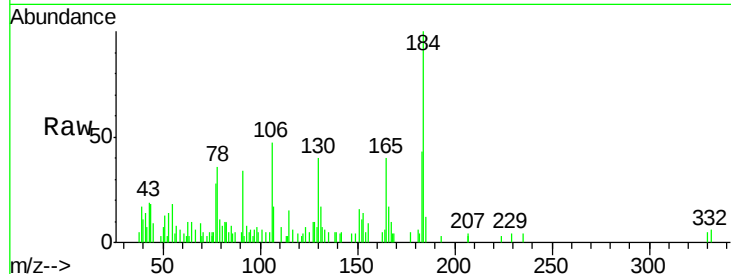




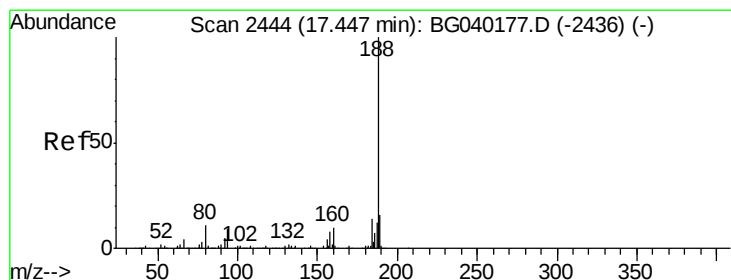
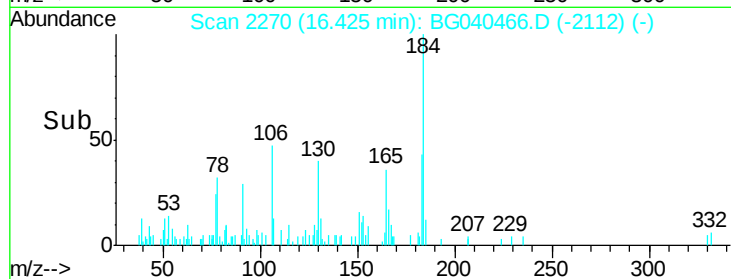
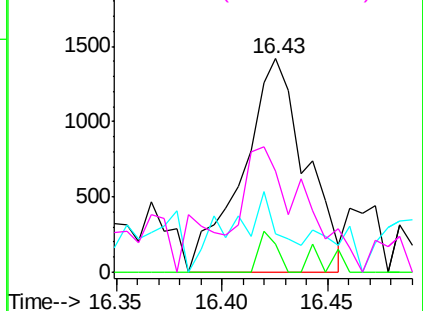
#63  
Azobenzene  
Concen: 0.420 ng  
RT: 16.43 min Scan# 2270  
Delta R.T. 0.40 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 77 Resp: 2933  
Ion Ratio Lower Upper  
77 100  
182 13.1 7.2 47.2  
105 17.9 2.8 42.8  
51 47.5 10.4 50.4

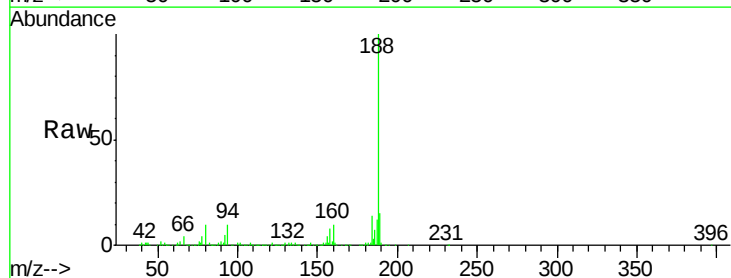


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

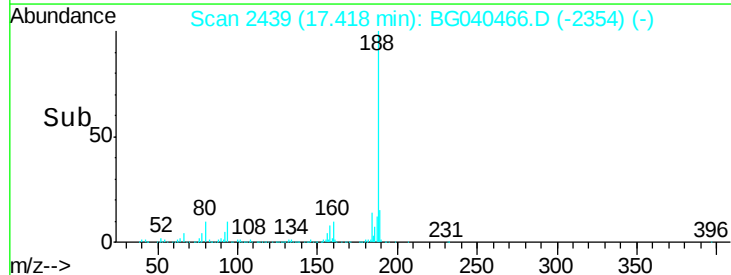
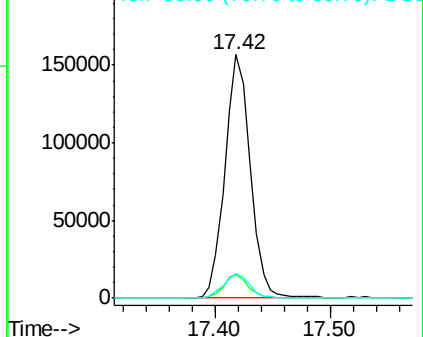


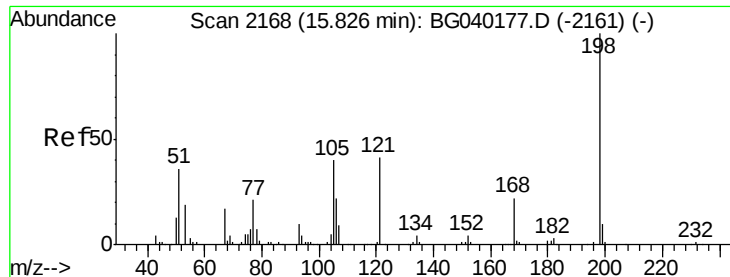
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.03 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion: 188 Resp: 238998  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.0 10.4  
80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

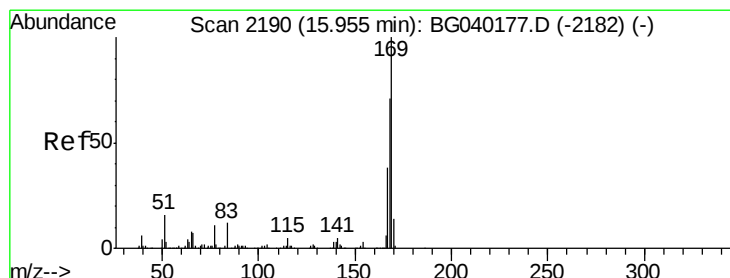
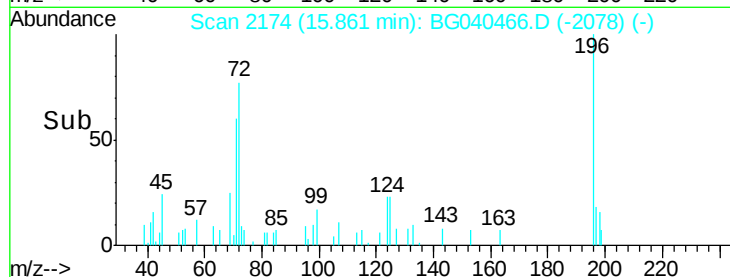
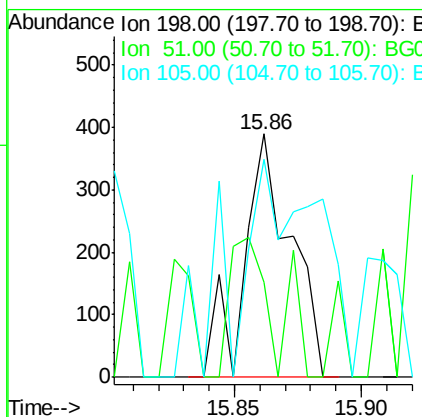
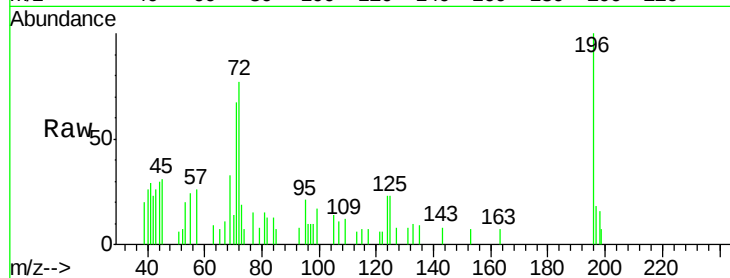




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.372 ng  
 RT: 15.86 min Scan# 2174  
 Delta R.T. 0.04 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

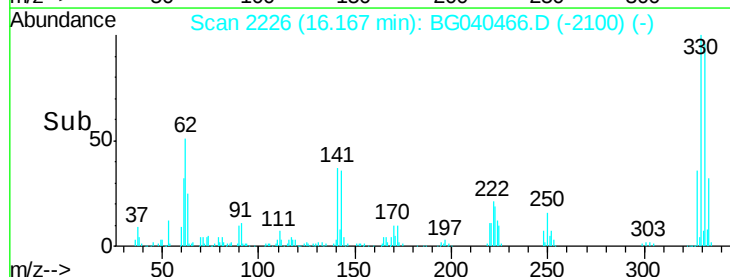
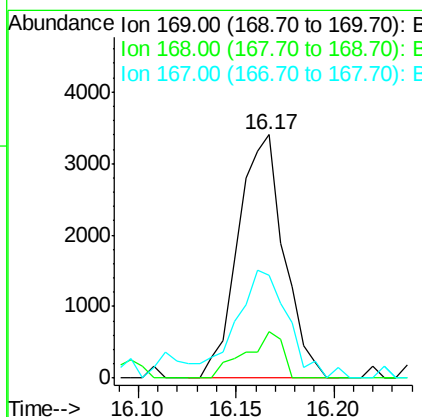
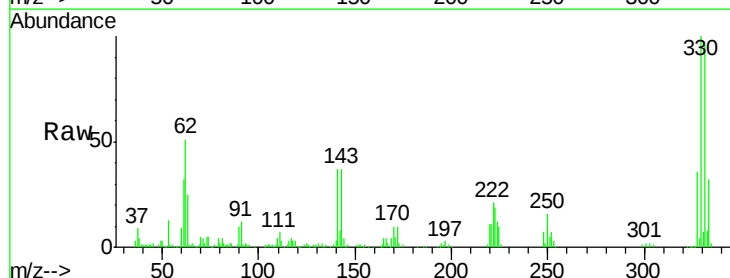
Instrument :  
 BNA\_G  
 ClientSampleId :

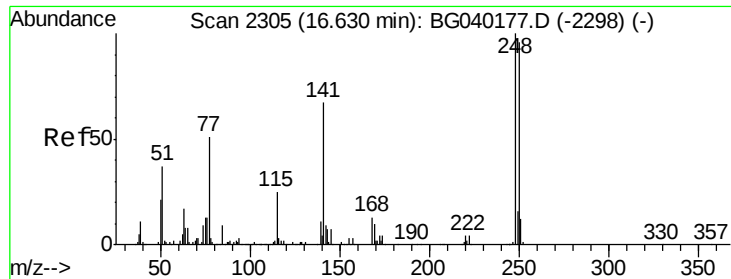
Tot Ion:198 Resp: 500  
 Ion Ratio Lower Upper  
 198 100  
 51 39.2 27.3 67.3  
 105 89.7 21.7 61.7#



#66  
 n-Nitrosodiphenylamine  
 Concen: 0.791 ng  
 RT: 16.17 min Scan# 2226  
 Delta R.T. 0.21 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Tgt Ion:169 Resp: 5532  
 Ion Ratio Lower Upper  
 169 100  
 168 19.2 56.8 85.2#  
 167 42.4 30.2 45.4

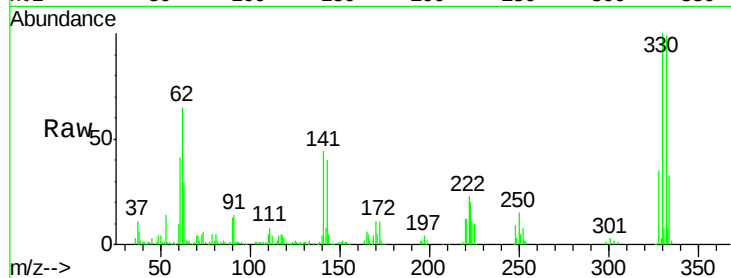




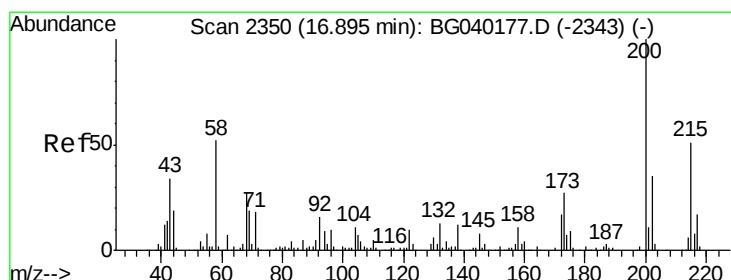
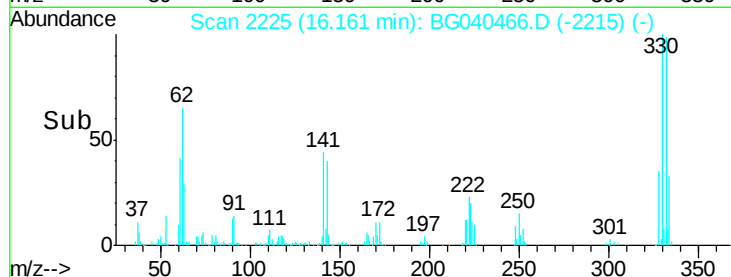
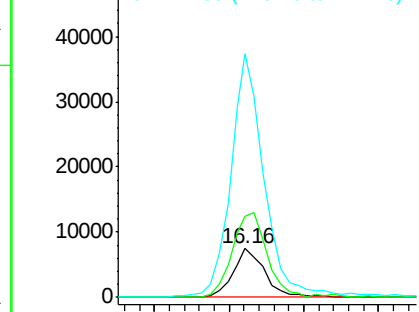
#67  
 4-Bromophenyl-phenylether  
 Concen: 4.151 ng  
 RT: 16.16 min Scan# 2225  
 Delta R.T. -0.47 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:248 Resp: 11164  
 Ion Ratio Lower Upper  
 248 100  
 250 167.8 76.4 114.6#  
 141 500.5 53.8 80.8#

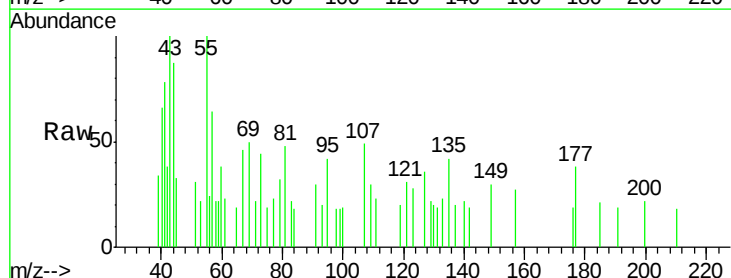


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

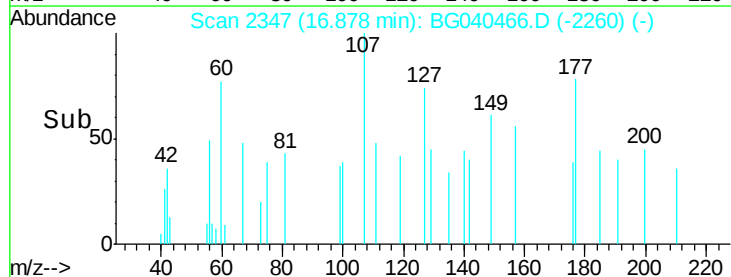
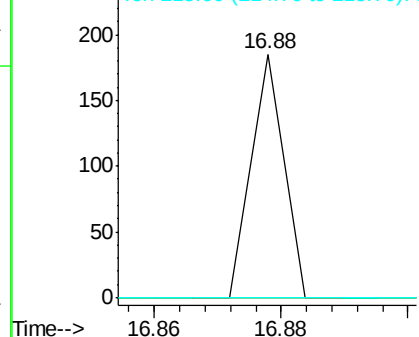


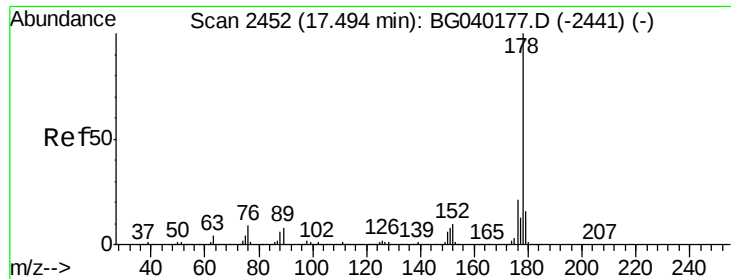
#69  
 Atrazine  
 Concen: 0.025 ng  
 RT: 16.88 min Scan# 2347  
 Delta R.T. -0.02 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Tgt Ion:200 Resp: 65  
 Ion Ratio Lower Upper  
 200 100  
 173 0.0 7.1 47.1#  
 215 0.0 30.9 70.9#



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

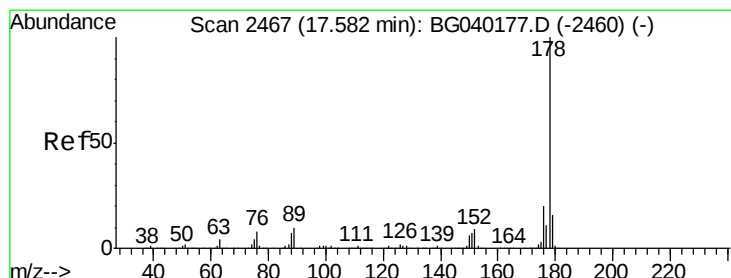
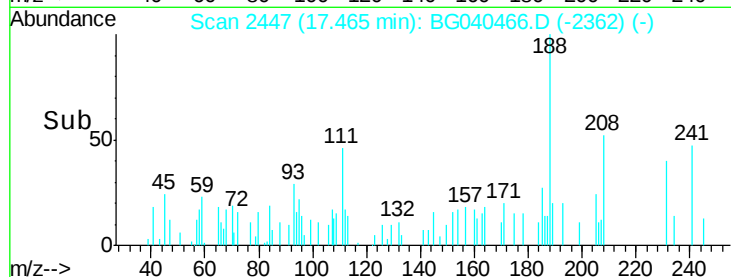
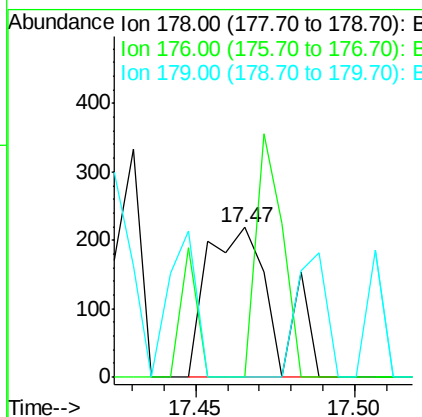
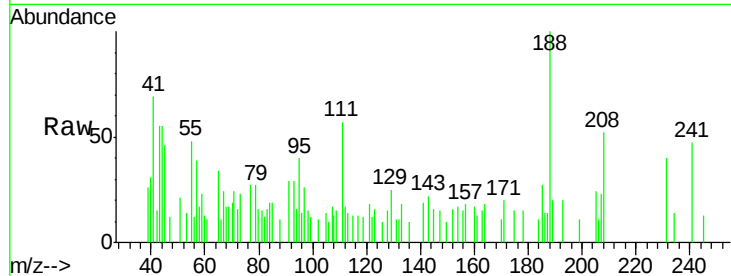




#71  
 Phenanthrene  
 Concen: 0.025 ng  
 RT: 17.47 min Scan# 2447  
 Delta R.T. -0.03 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

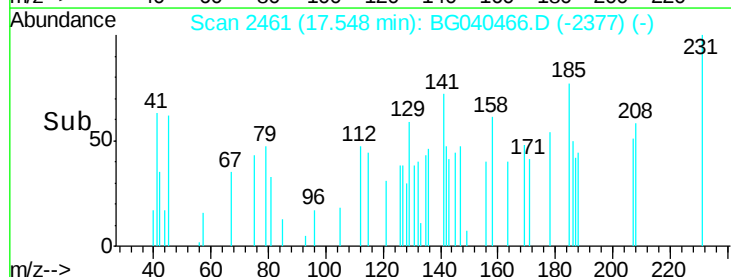
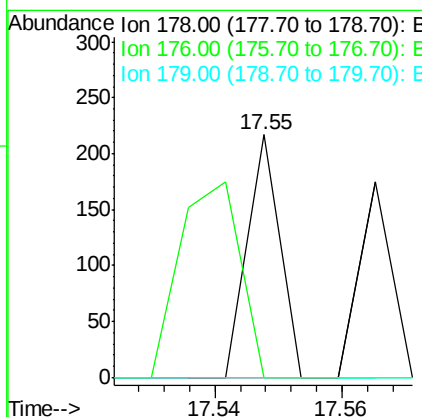
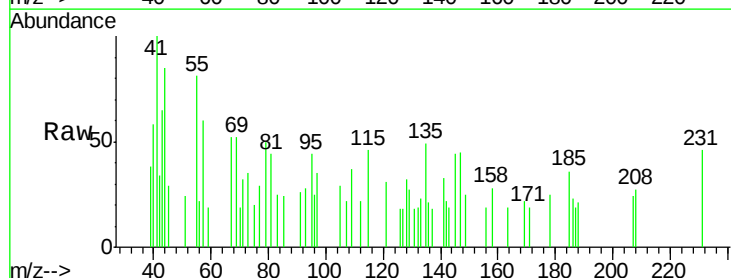
Instrument :  
 BNA\_G  
 ClientSampled :

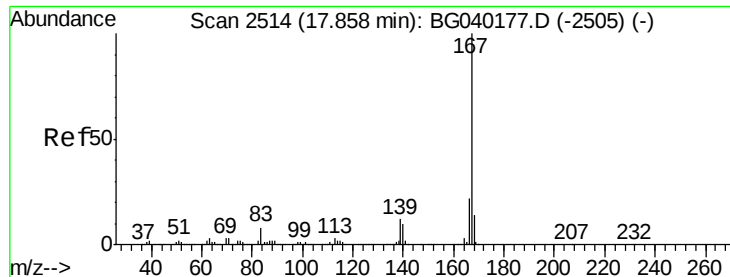
Tot Ion:178 Resp: 319  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 16.7 25.1#  
 179 0.0 12.8 19.2#



#72  
 Anthracene  
 Concen: 0.006 ng  
 RT: 17.55 min Scan# 2461  
 Delta R.T. -0.03 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Tgt Ion:178 Resp: 76  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 15.9 23.9#  
 179 0.0 12.9 19.3#

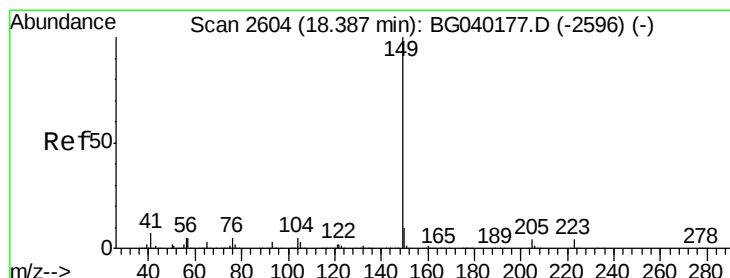
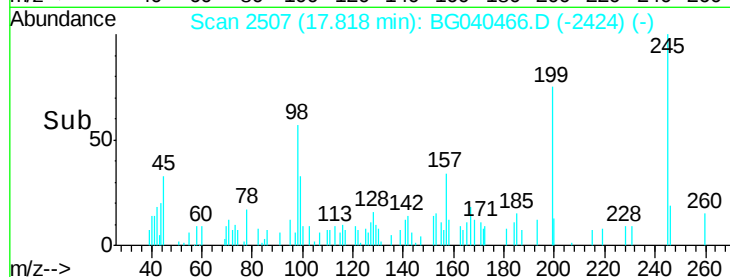
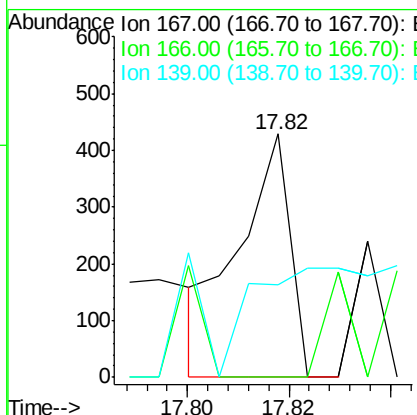
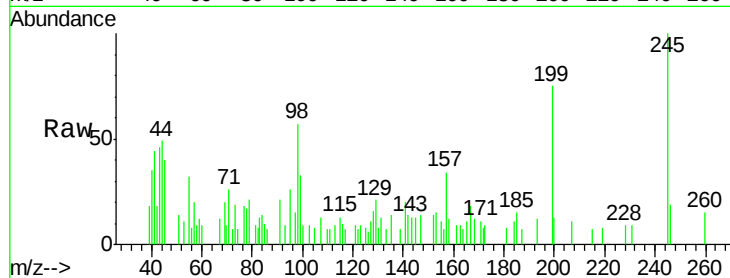




#73  
 Carbazole  
 Concen: 0.025 ng  
 RT: 17.82 min Scan# 2507  
 Delta R.T. -0.04 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

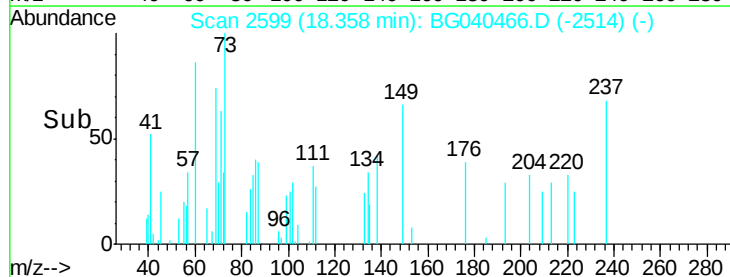
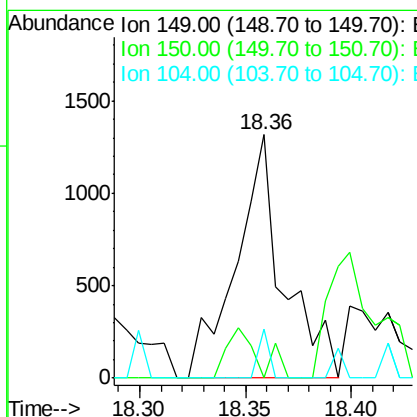
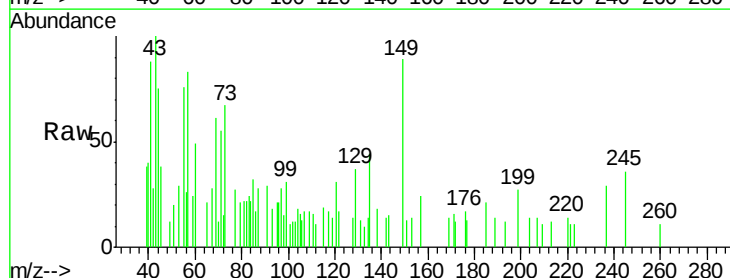
Instrument :  
 BNA\_G  
 ClientSampled :

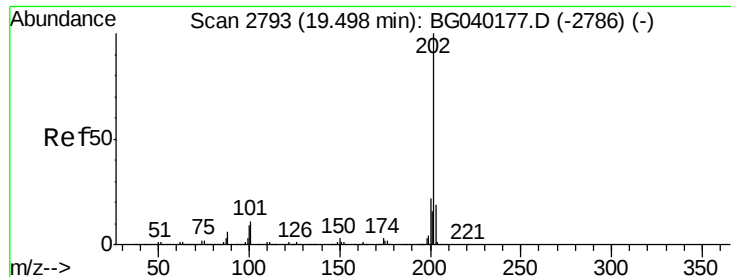
Tot Ion:167 Resp: 302  
 Ion Ratio Lower Upper  
 167 100  
 166 0.0 17.5 26.3#  
 139 38.2 10.0 15.0#



#74  
 Di-n-butylphthalate  
 Concen: 0.144 ng  
 RT: 18.36 min Scan# 2599  
 Delta R.T. -0.03 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Tgt Ion:149 Resp: 2037  
 Ion Ratio Lower Upper  
 149 100  
 150 0.0 7.9 11.9#  
 104 20.1 4.1 6.1#





#75

Fluoranthene

Concen: 0.004 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG040466.D

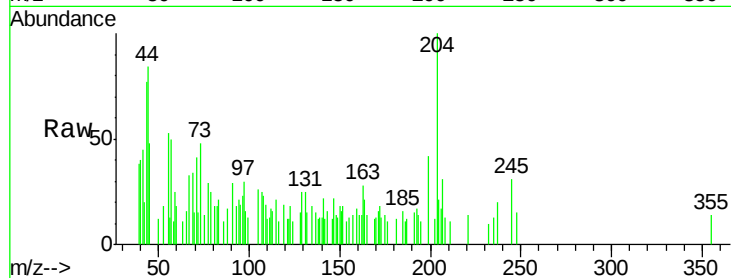
Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

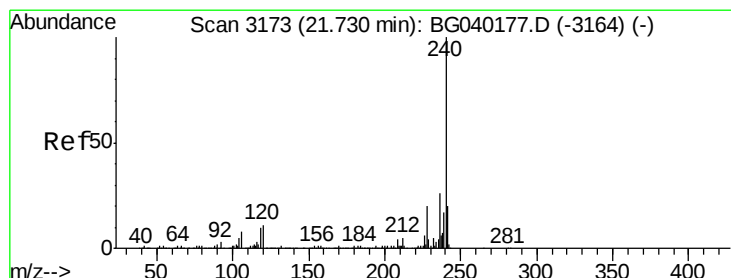
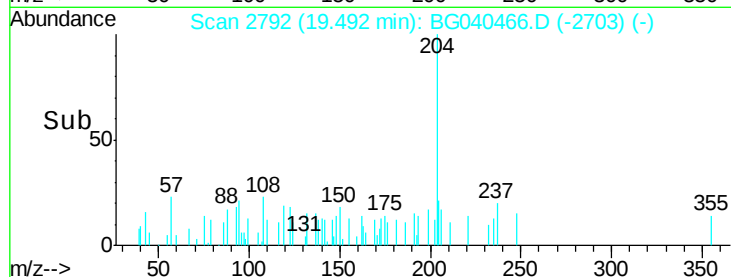
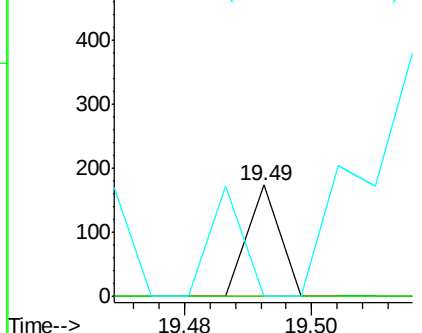
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 202   | Resp: | 61    |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 0.0   | 0.0   | 30.8  |
| 203      | 0.0   | 0.0   | 38.9  |



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

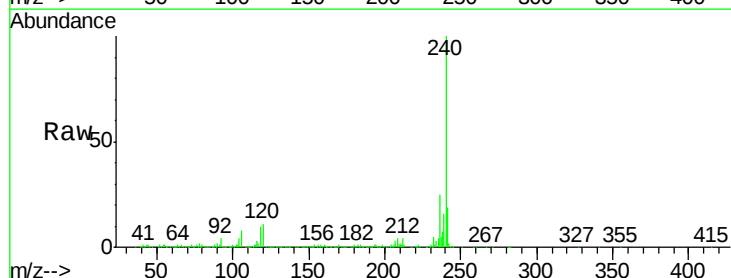
RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

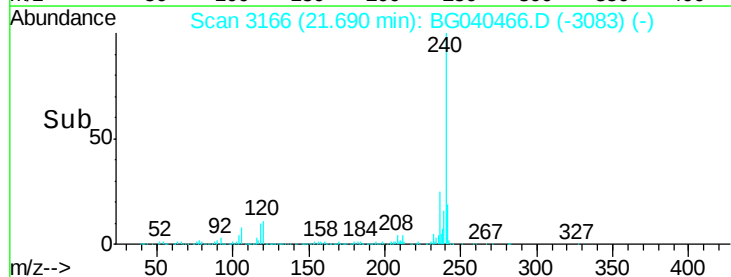
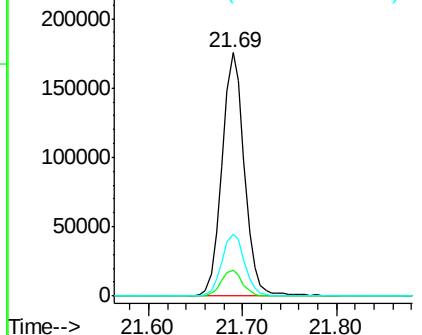
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 292001 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.9  | 8.4   | 12.6   |
| 236      | 25.2  | 20.8  | 31.2   |

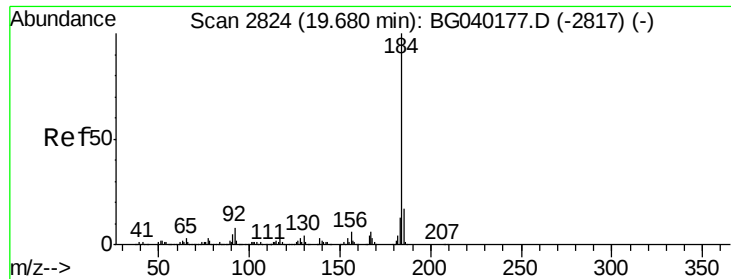


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.102 ng

RT: 19.79 min Scan# 2842

Delta R.T. 0.11 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampleId :

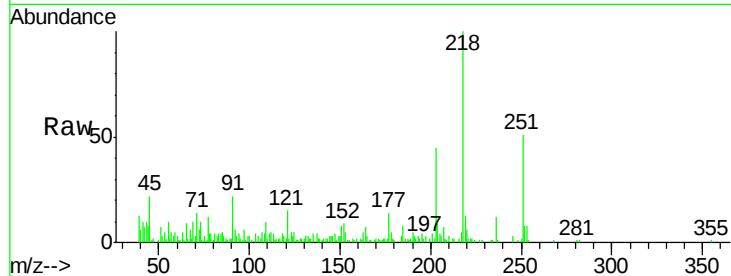
Tot Ion:184 Resp: 1076

Ion Ratio Lower Upper

184 100

185 247.0 13.3 19.9#

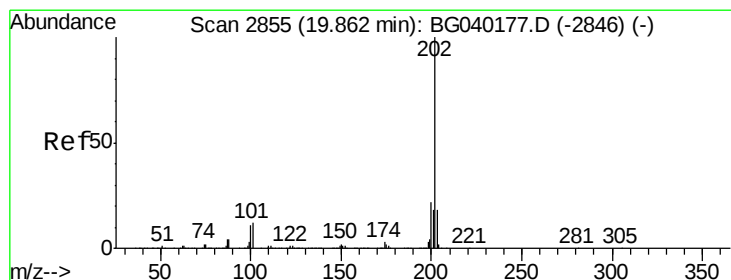
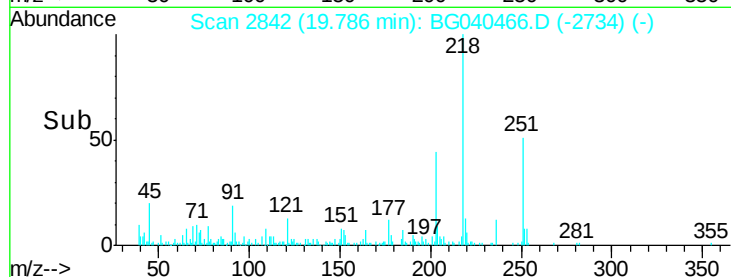
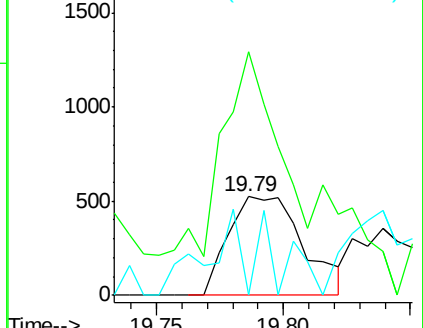
183 0.0 10.3 15.5#



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: 0.028 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.08 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

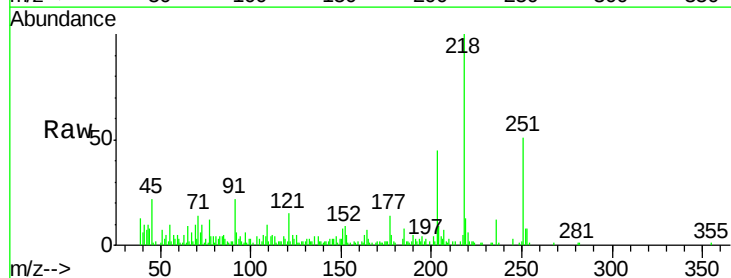
Tgt Ion:202 Resp: 540

Ion Ratio Lower Upper

202 100

200 0.0 17.3 25.9#

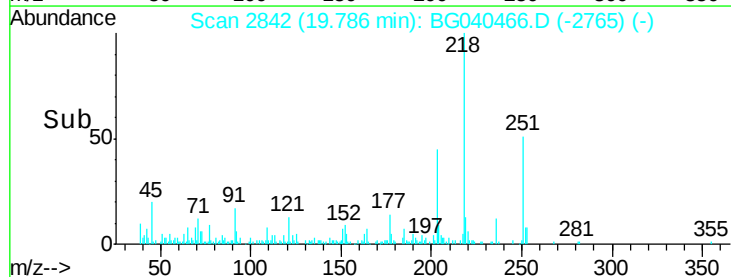
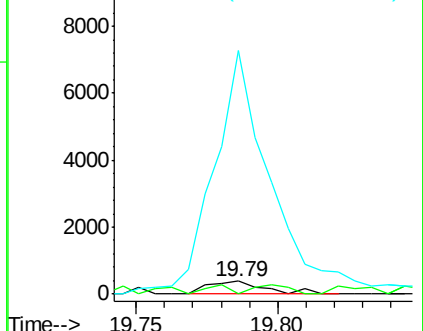
203 1898.7 14.6 22.0#

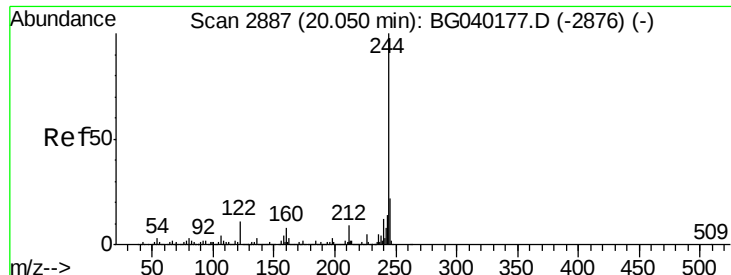


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.321 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampleId :

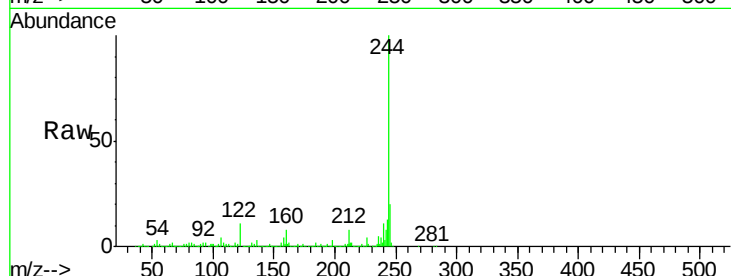
Tot Ion:244 Resp: 977657

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

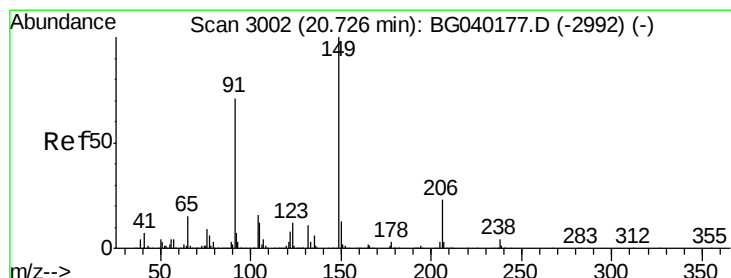
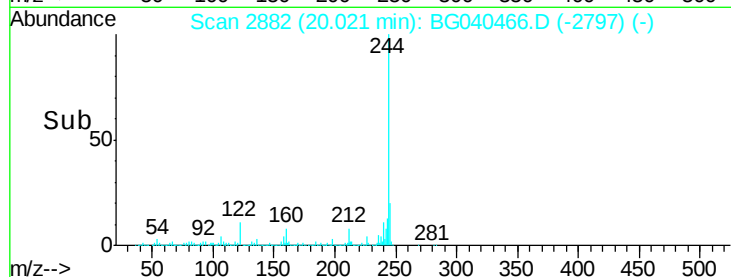
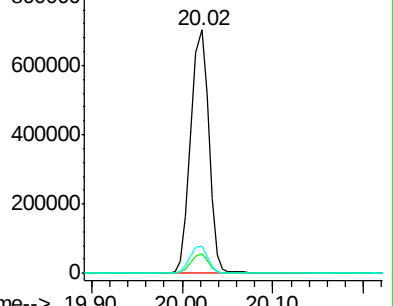
122 11.0 8.5 12.7



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: 0.027 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.12 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

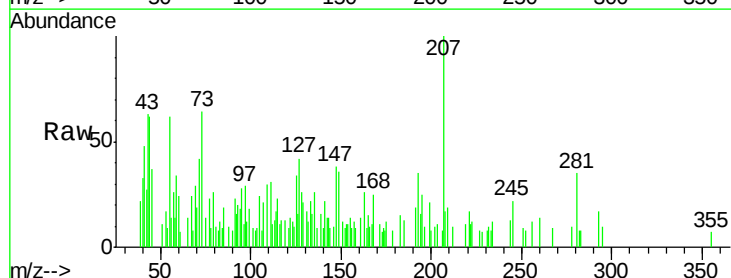
Tgt Ion:149 Resp: 219

Ion Ratio Lower Upper

149 100

91 64.4 57.0 85.4

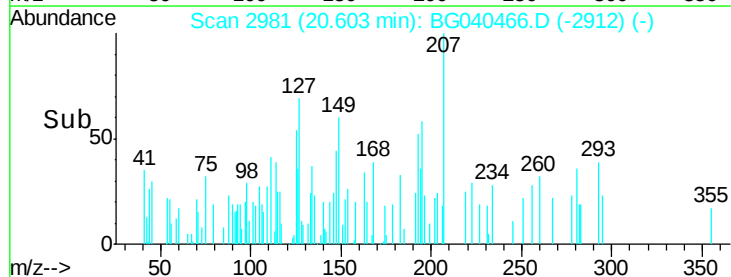
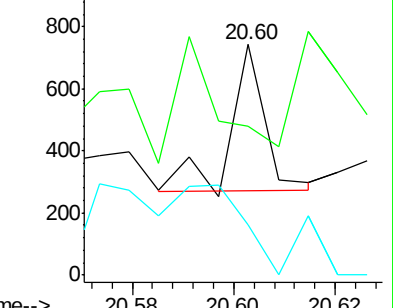
206 21.7 18.2 27.4

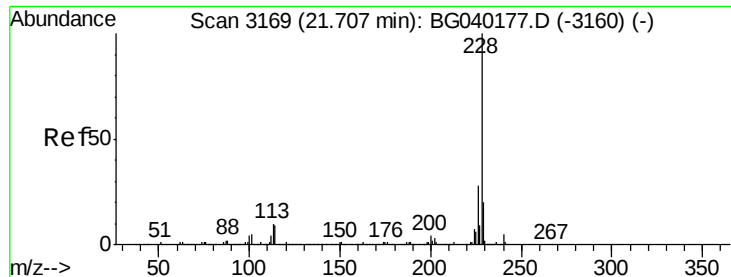


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

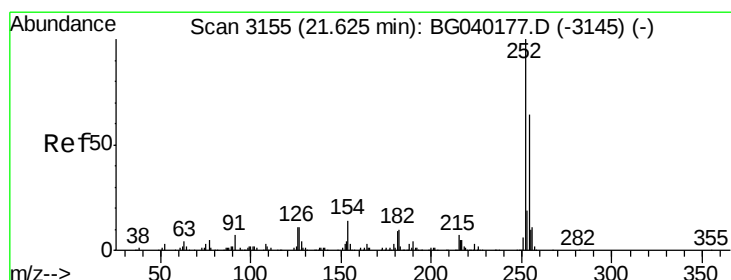
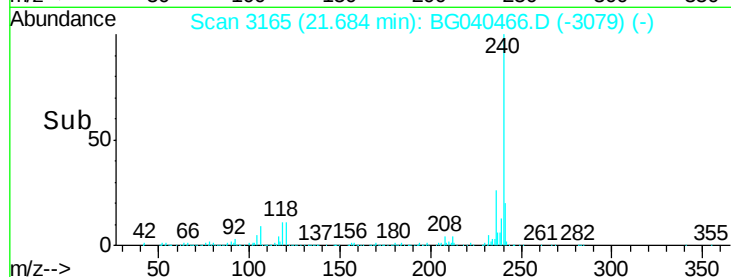
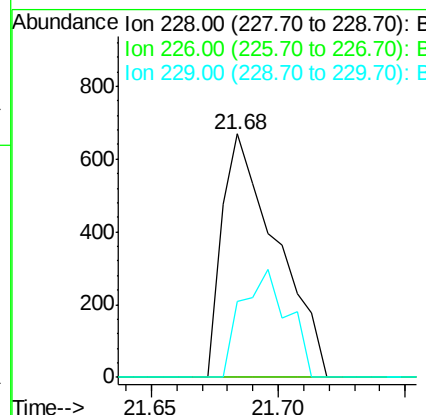
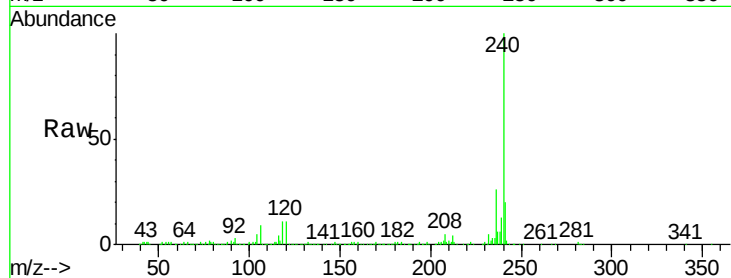




#81  
Benzo(a)anthracene  
Concen: 0.056 ng  
RT: 21.68 min Scan# 3165  
Delta R.T. -0.02 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

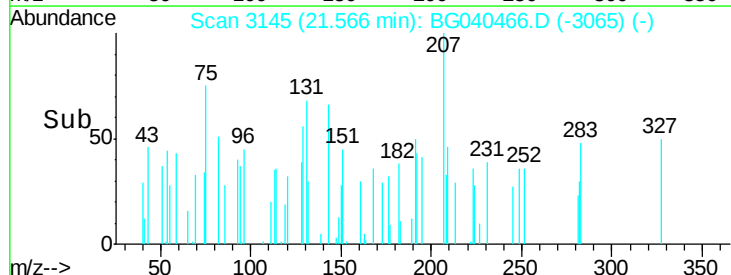
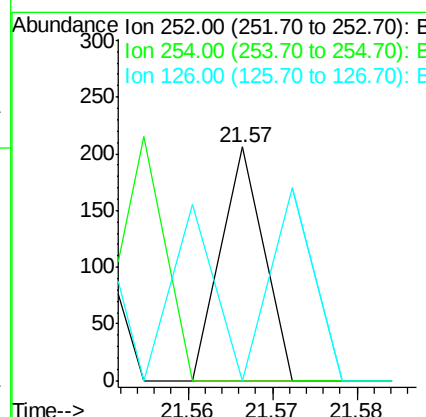
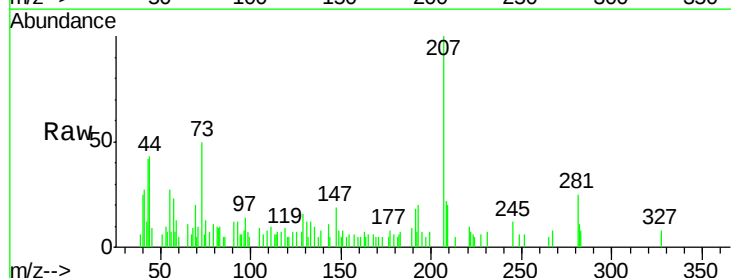
Instrument :  
BNA\_G  
ClientSampleId :

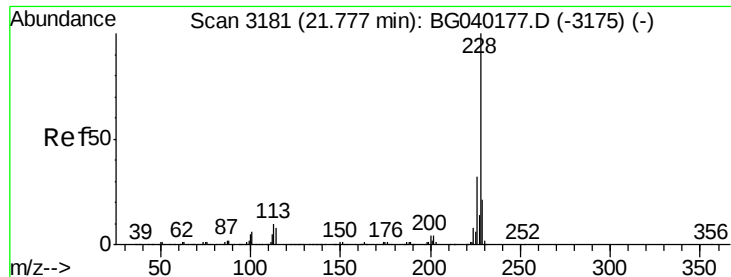
Tot Ion:228 Resp: 1001  
Ion Ratio Lower Upper  
228 100  
226 0.0 22.6 34.0#  
229 31.1 16.1 24.1#



#82  
3,3'-Dichlorobenzidine  
Concen: 0.011 ng  
RT: 21.57 min Scan# 3145  
Delta R.T. -0.06 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Tgt Ion:252 Resp: 73  
Ion Ratio Lower Upper  
252 100  
254 0.0 51.4 77.2#  
126 0.0 8.5 12.7#

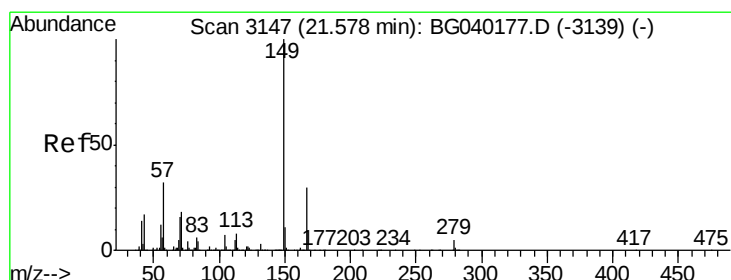
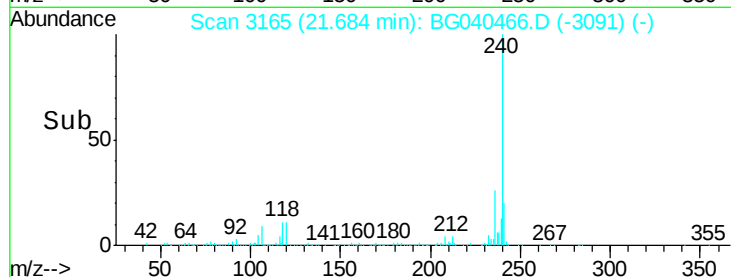
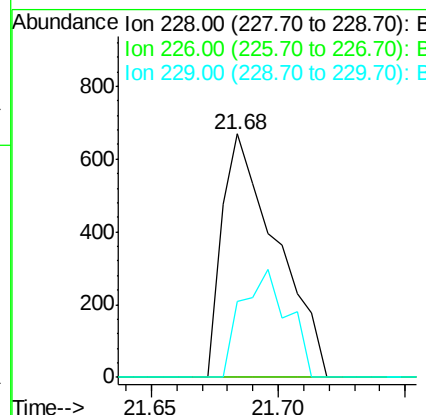
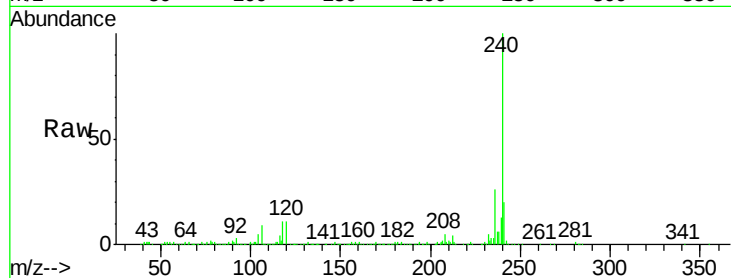




#83  
 Chrvsene  
 Concen: 0.058 ng  
 RT: 21.68 min Scan# 3165  
 Delta R.T. -0.09 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

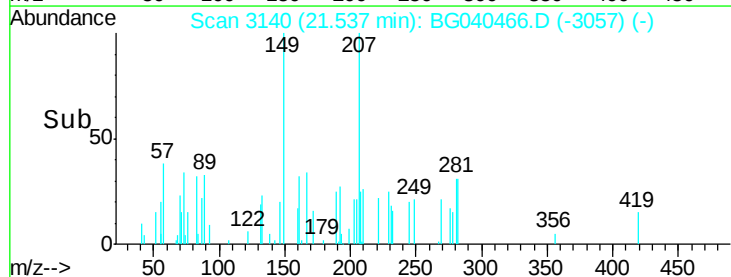
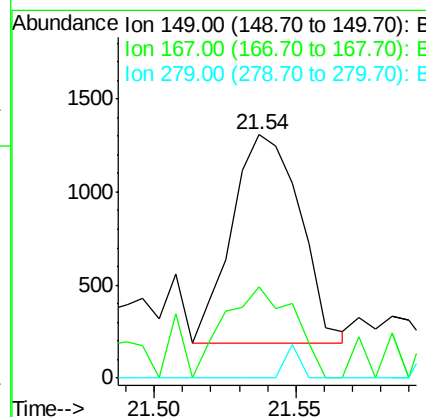
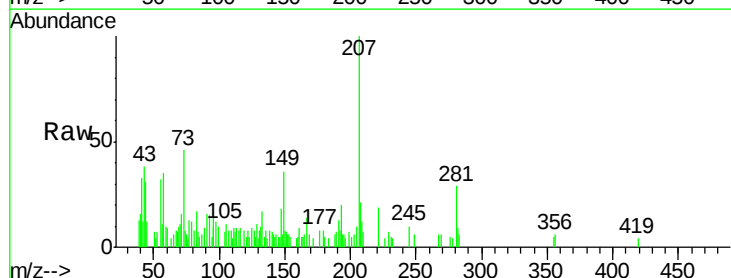
Instrument :  
 BNA\_G  
 ClientSampleId :

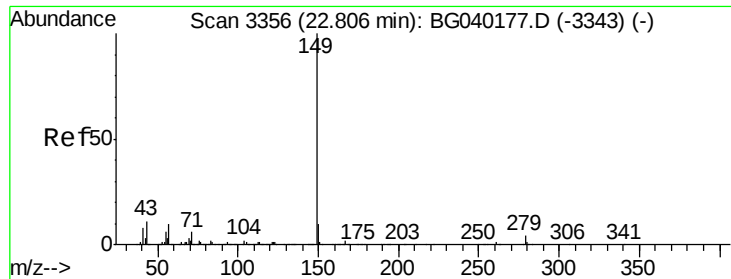
Tot Ion:228 Resp: 1001  
 Ion Ratio Lower Upper  
 228 100  
 226 0.0 25.4 38.0#  
 229 31.1 17.0 25.4#



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.160 ng  
 RT: 21.54 min Scan# 3140  
 Delta R.T. -0.04 min  
 Lab File: BG040466.D  
 Acq: 12 Apr 2019 18:09

Tgt Ion:149 Resp: 1879  
 Ion Ratio Lower Upper  
 149 100  
 167 37.6 24.1 36.1#  
 279 0.0 4.1 6.1#

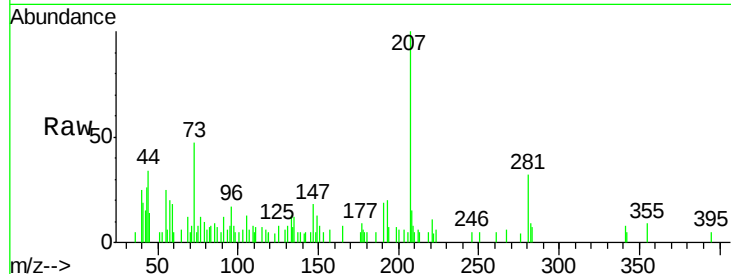




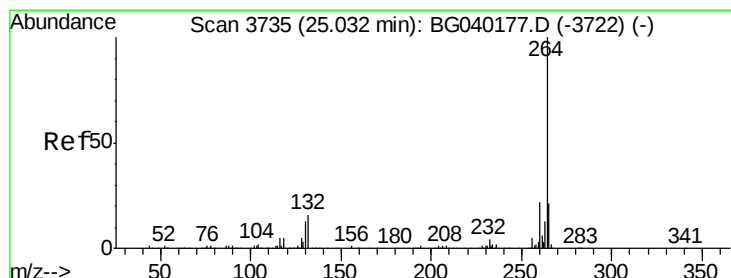
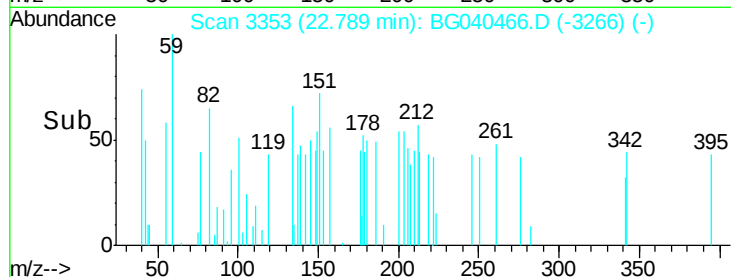
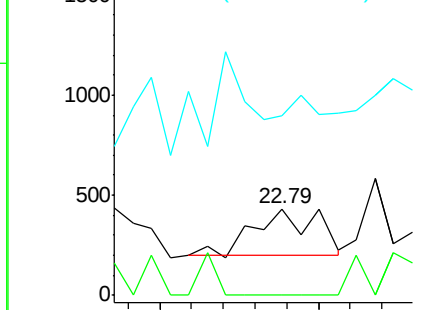
#85  
Di-n-octyl phthalate  
Concen: 0.016 ng  
RT: 22.79 min Scan# 3353  
Delta R.T. -0.02 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 0.0   | 1.4   | 2.0#  |
| 43      | 0.0   | 8.7   | 13.1# |

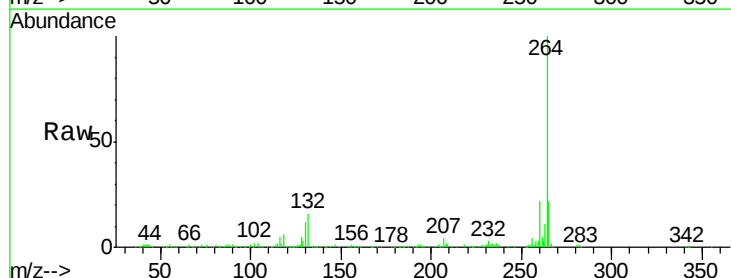


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

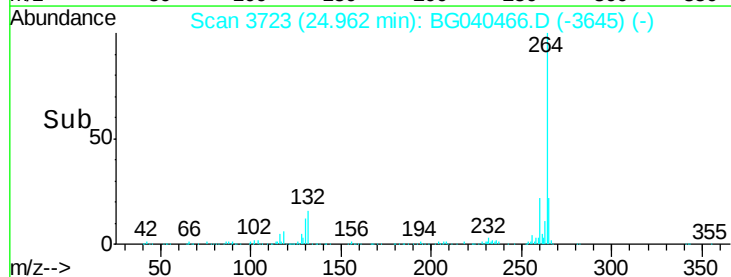
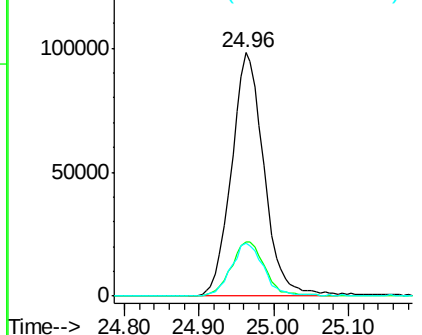


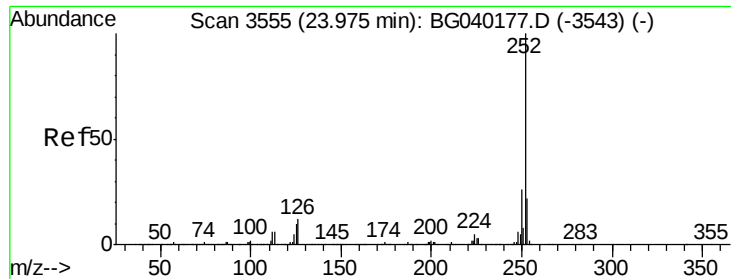
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.96 min Scan# 3723  
Delta R.T. -0.07 min  
Lab File: BG040466.D  
Acq: 12 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.3  | 17.9  | 26.9  |
| 265     | 21.9  | 16.8  | 25.2  |



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





#88

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.05 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampled :

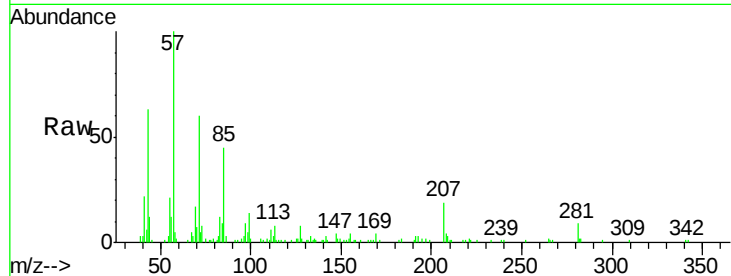
Tot Ion:252 Resp: 83

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

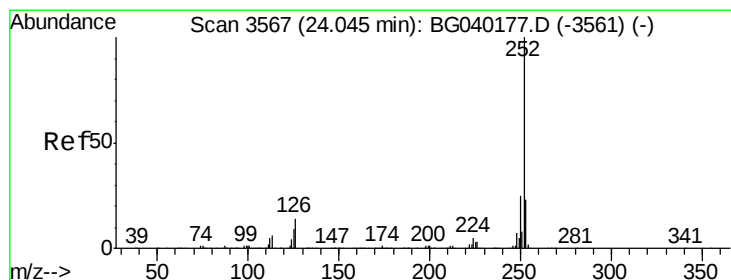
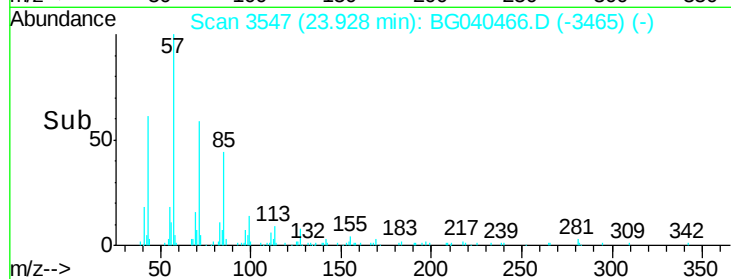
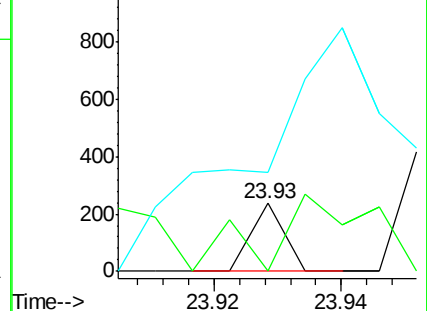
125 145.3 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.009 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.06 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

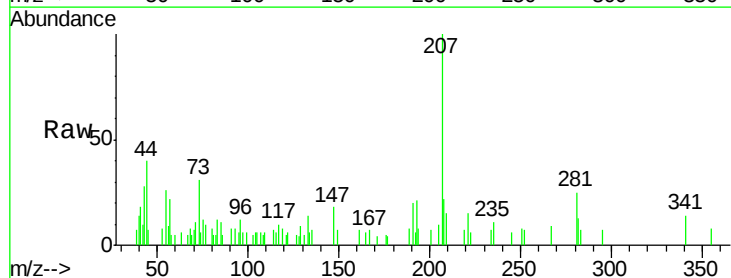
Tgt Ion:252 Resp: 158

Ion Ratio Lower Upper

252 100

253 0.0 18.6 28.0#

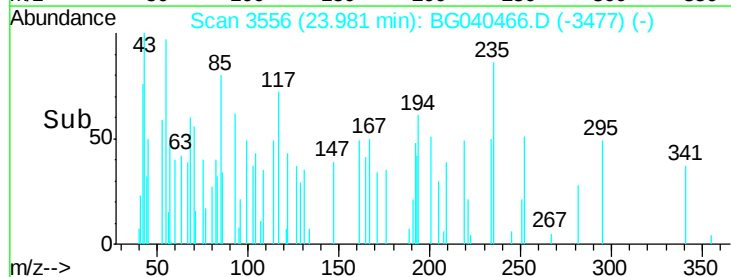
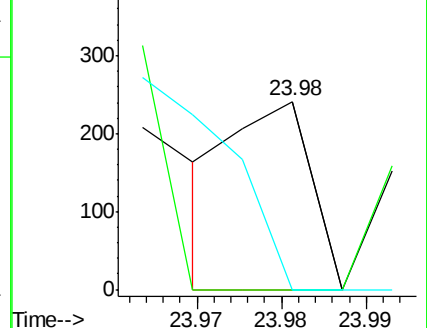
125 0.0 7.3 10.9#

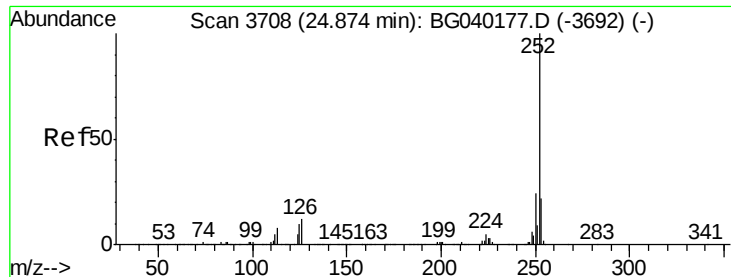


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.07 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA\_G

ClientSampleId :

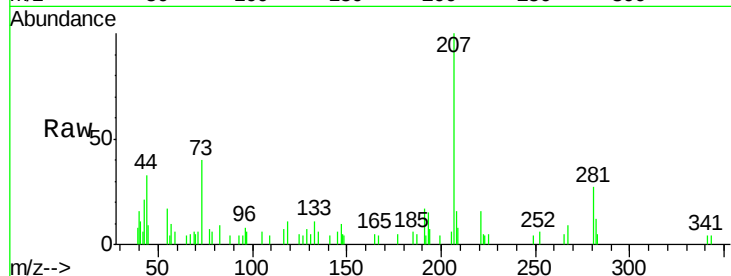
Tot Ion:252 Resp: 77

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

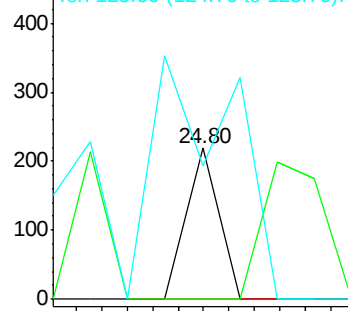
125 88.1 8.3 12.5#



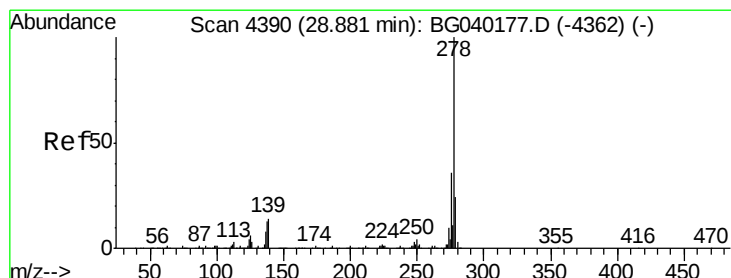
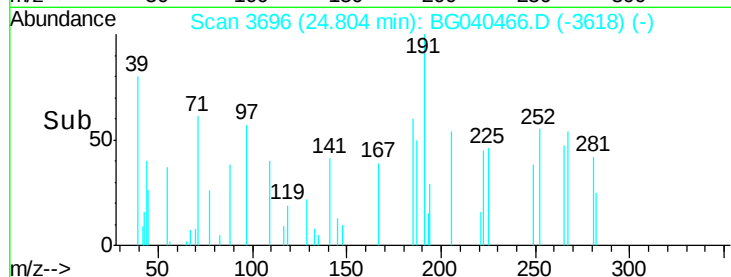
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 28.68 min Scan# 4355

Delta R.T. -0.21 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

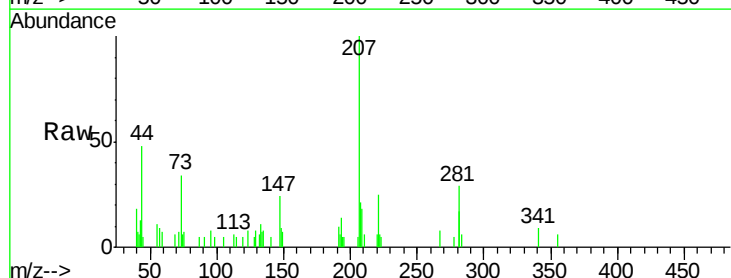
Tgt Ion:278 Resp: 59

Ion Ratio Lower Upper

278 100

139 0.0 11.2 16.8#

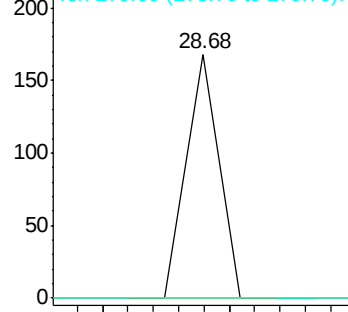
279 0.0 18.9 28.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

