

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\  
 Data File : BG040450.D  
 Acq On : 11 Apr 2019 20:49  
 Operator : JU/SJ  
 Sample : PB118783BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 12 01:27:11 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 | 8.04  | 152  | 64831    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.86 | 136  | 276017   | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 14.68 | 164  | 175000   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.42 | 188  | 446356   | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 21.70 | 240  | 447173   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12          | 24.97 | 264  | 431551   | 20.00 | ng    | -0.06    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.61  | 112  | 529729   | 135.83 | ng    | -0.01    |
| 7) Phenol-d6                | 7.20  | 99   | 715442   | 132.74 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 388983   | 74.91  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.17 | 330  | 269872   | 142.69 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.30 | 172  | 876788   | 74.24  | ng    | -0.03    |
| 79) Terphenyl-d14           | 20.02 | 244  | 1458219  | 73.36  | ng    | -0.03    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88   | 92877    | 50.649 | ng    | 97     |
| 3) Pyridine                    | 3.89  | 79   | 163194   | 33.053 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.81  | 42   | 88306    | 38.666 | ng    | # 94   |
| 6) Aniline                     | 7.37  | 93   | 214977   | 30.701 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.61  | 128  | 195912   | 42.915 | ng    | 98     |
| 9) Benzaldehyde                | 7.19  | 77   | 71999    | 19.475 | ng    | 97     |
| 10) Phenol                     | 7.23  | 94   | 257619   | 44.037 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93   | 189621   | 40.470 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146  | 198103   | 39.920 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146  | 201393   | 40.746 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146  | 192346   | 40.694 | ng    | 99     |
| 15) Benzyl Alcohol             | 8.28  | 79   | 174399   | 40.180 | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45   | 364518   | 40.536 | ng    | 98     |
| 17) 2-Methylphenol             | 8.48  | 107  | 179989   | 44.463 | ng    | 97     |
| 18) Hexachloroethane           | 9.12  | 117  | 73298    | 38.987 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70   | 150253   | 38.883 | ng    | 97     |
| 20) 3+4-Methylphenols          | 8.81  | 107  | 239275   | 43.632 | ng    | 99     |
| 22) Acetophenone               | 8.87  | 105  | 295555   | 42.926 | ng    | 99     |
| 24) Nitrobenzene               | 9.27  | 77   | 223498   | 41.563 | ng    | 99     |
| 25) Isophorone                 | 9.78  | 82   | 430739   | 40.314 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.97  | 139  | 107555   | 42.212 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122  | 197295   | 48.747 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93   | 263365   | 41.663 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162  | 196287   | 44.681 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180  | 201947   | 41.865 | ng    | 99     |
| 31) Naphthalene                | 10.91 | 128  | 601573   | 42.520 | ng    | 99     |
| 32) Benzoic acid               | 10.17 | 122  | 63613    | 26.014 | ng    | 91     |
| 33) 4-Chloroaniline            | 11.02 | 127  | 155351   | 25.742 | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.17 | 225  | 121961   | 39.533 | ng    | 94     |
| 35) Caprolactam                | 11.82 | 113  | 51605    | 29.601 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107  | 223018   | 44.159 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.51 | 142  | 445317   | 42.559 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 12.73 | 142  | 424635   | 41.850 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216  | 227347   | 40.874 | ng    | 99     |

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 QLast Update : Thu Mar 28 05:47:00 2019  
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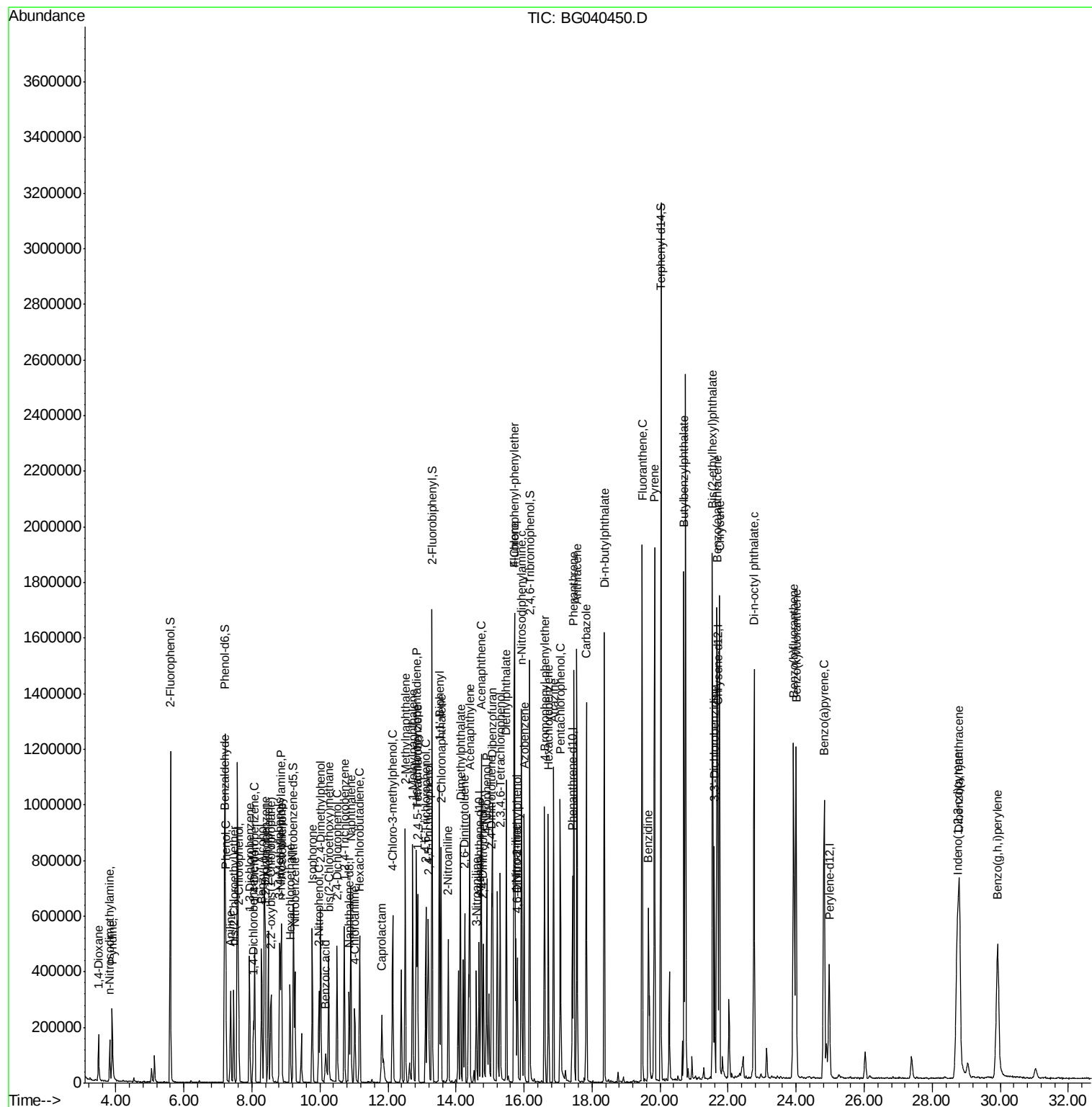
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 250304   | 81.959 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol      | 13.11 | 196  | 159382   | 44.445 | ng    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 174981   | 44.767 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 574793   | 41.569 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 448143   | 42.252 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 155076   | 43.346 | ng    | 99       |
| 49) Acenaphthylene             | 14.40 | 152  | 736313   | 40.945 | ng    | 100      |
| 50) Dimethylphthalate          | 14.13 | 163  | 582265   | 42.513 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 135595   | 44.092 | ng    | 98       |
| 52) Acenaphthene               | 14.74 | 154  | 429464   | 41.677 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 107558   | 33.041 | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 14.81 | 184  | 130277   | 79.655 | ng    | 91       |
| 55) Dibenzofuran               | 15.08 | 168  | 710645   | 42.919 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 220081   | 83.767 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.05 | 165  | 197236   | 46.157 | ng    | # 98     |
| 58) Fluorene                   | 15.72 | 166  | 559143   | 42.951 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 167498   | 47.223 | ng    | 99       |
| 60) Diethylphthalate           | 15.48 | 149  | 624991   | 44.594 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 302235   | 43.434 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 156783   | 44.879 | ng    | 98       |
| 63) Azobenzene                 | 16.00 | 77   | 582734   | 44.080 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 106680   | 42.541 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 538613   | 41.236 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 201102   | 40.036 | ng    | 100      |
| 68) Hexachlorobenzene          | 16.72 | 284  | 203882   | 40.369 | ng    | 94       |
| 69) Atrazine                   | 16.87 | 200  | 201669   | 41.506 | ng    | 99       |
| 70) Pentachlorophenol          | 17.07 | 266  | 217331   | 74.432 | ng    | 96       |
| 71) Phenanthrene               | 17.46 | 178  | 973681   | 41.502 | ng    | 99       |
| 72) Anthracene                 | 17.56 | 178  | 999679   | 42.571 | ng    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 948124   | 42.662 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 1136376  | 43.138 | ng    | 99       |
| 75) Fluoranthene               | 19.47 | 202  | 1214314  | 43.710 | ng    | 98       |
| 77) Benzidine                  | 19.65 | 184  | 411052   | 25.455 | ng    | 98       |
| 78) Pyrene                     | 19.84 | 202  | 1190079  | 40.470 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 546046   | 43.394 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 1096876  | 39.823 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 318045   | 30.355 | ng    | 99       |
| 83) Chrysene                   | 21.75 | 228  | 1073634  | 40.559 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 776165   | 43.150 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.76 | 149  | 1308989  | 42.712 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.74 | 276  | 1317263  | 40.687 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.93 | 252  | 1140869  | 43.180 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.00 | 252  | 1108856  | 45.637 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.82 | 252  | 1134149  | 45.750 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.80 | 278  | 1066442  | 46.319 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.92 | 276  | 1067961  | 45.135 | ng    | 97       |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

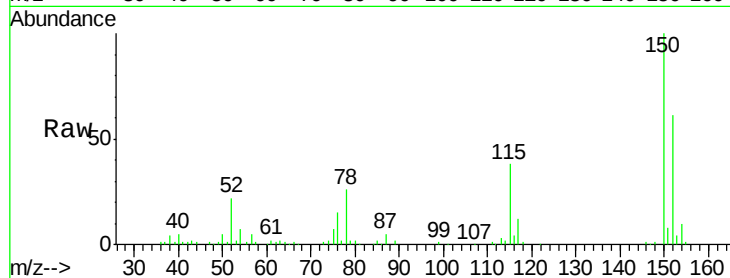
Tot Ion:152 Resp: 64831

Ion Ratio Lower Upper

152 100

150 164.6 123.7 185.5

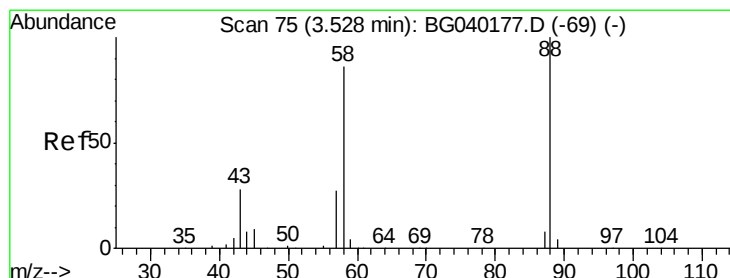
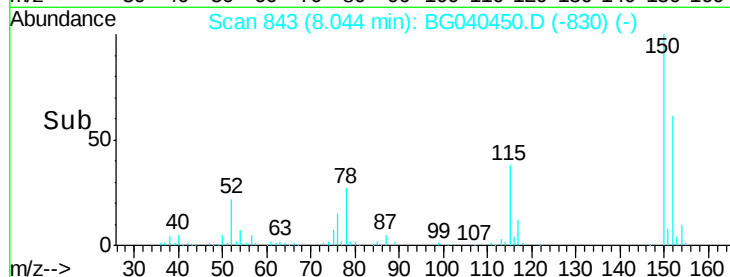
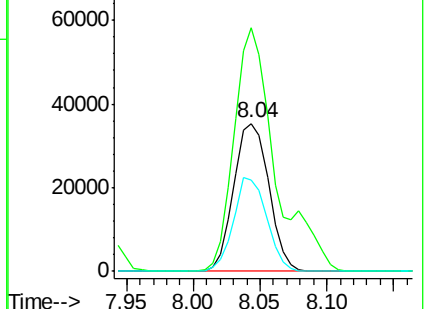
115 62.1 46.9 70.3



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: 50.649 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.04 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

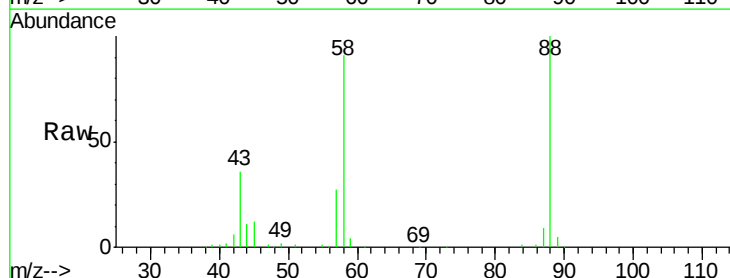
Tgt Ion: 88 Resp: 92877

Ion Ratio Lower Upper

88 100

58 87.1 70.6 106.0

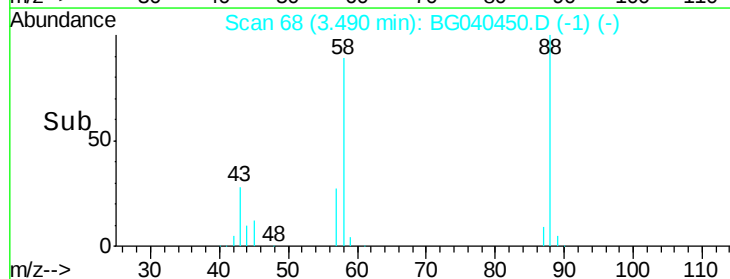
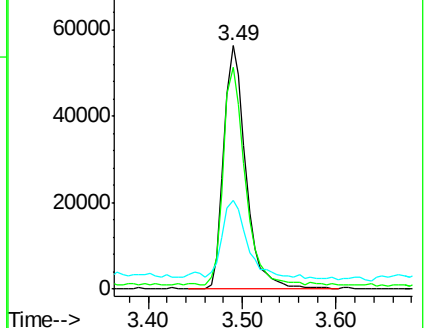
43 34.8 24.8 37.2

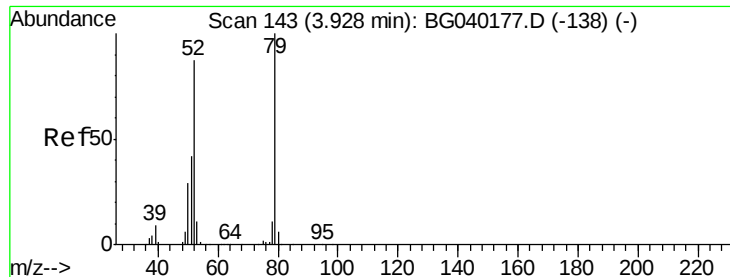


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.053 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampled :

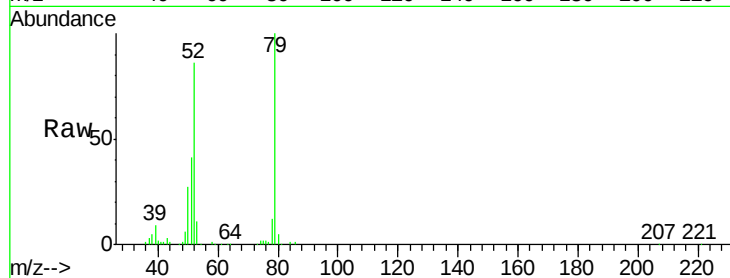
Tot Ion: 79 Resp: 163194

Ion Ratio Lower Upper

79 100

52 85.7 69.8 104.8

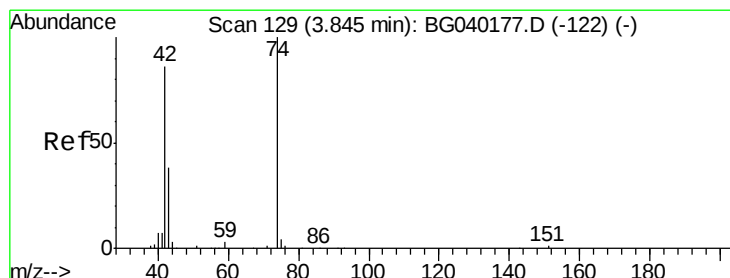
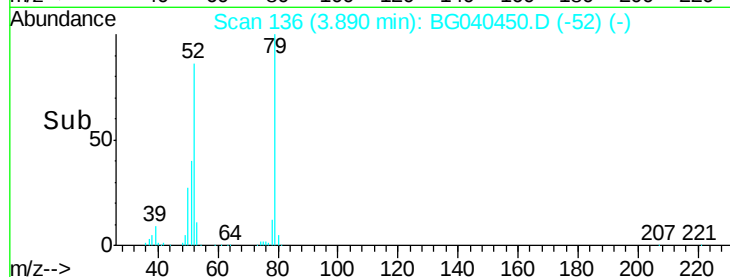
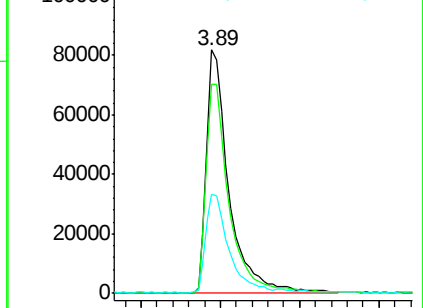
51 40.9 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.666 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

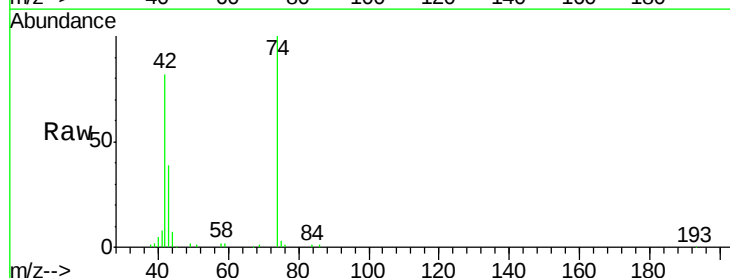
Tgt Ion: 42 Resp: 88306

Ion Ratio Lower Upper

42 100

74 122.6 92.9 139.3

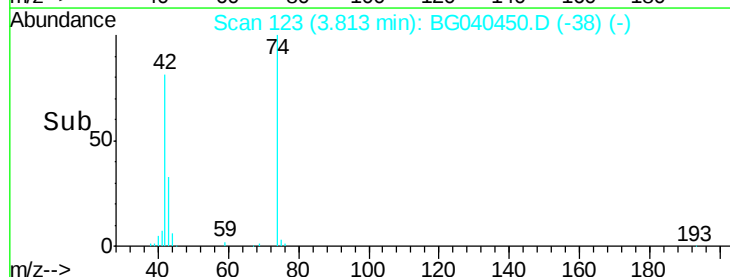
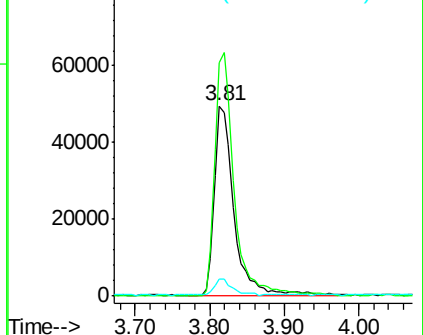
44 8.8 9.7 14.5#



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: 135.834 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

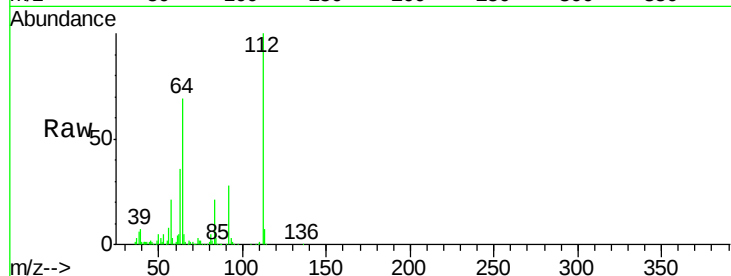
Tot Ion:112 Resp: 529729

Ion Ratio Lower Upper

112 100

64 68.7 54.2 81.2

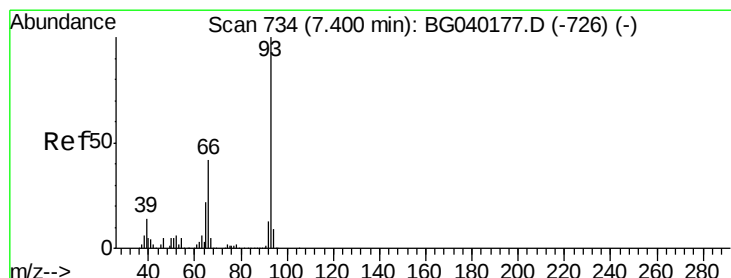
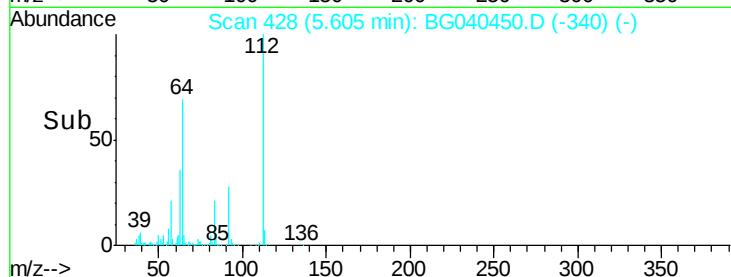
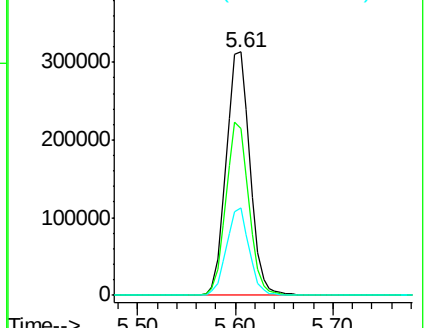
63 35.9 26.4 39.6



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: 30.701 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

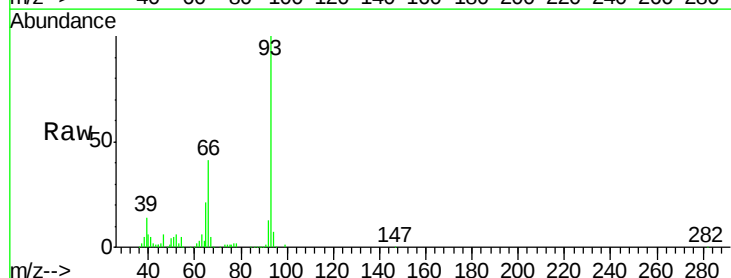
Tgt Ion: 93 Resp: 214977

Ion Ratio Lower Upper

93 100

66 41.3 33.6 50.4

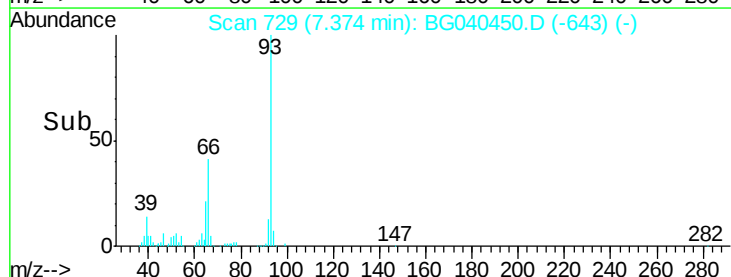
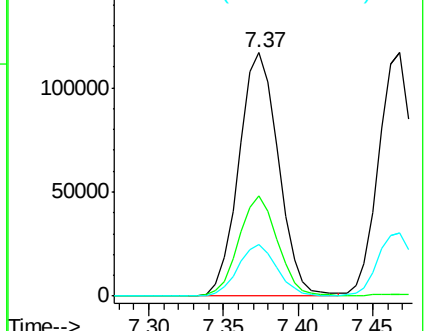
65 21.4 17.4 26.2



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: 132.745 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040450.D

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BNA\_G

ClientSampleId :

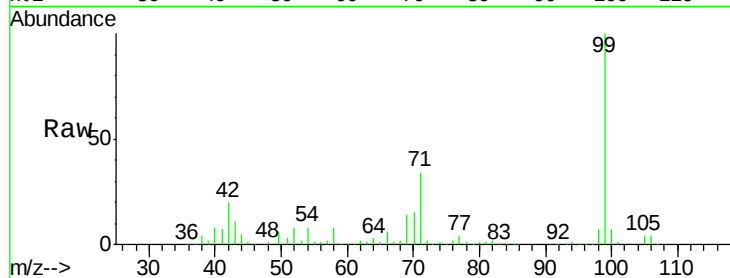
Tot Ion: 99 Resp: 715442

Ion Ratio Lower Upper

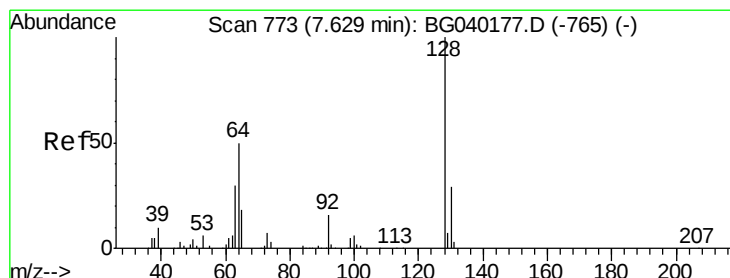
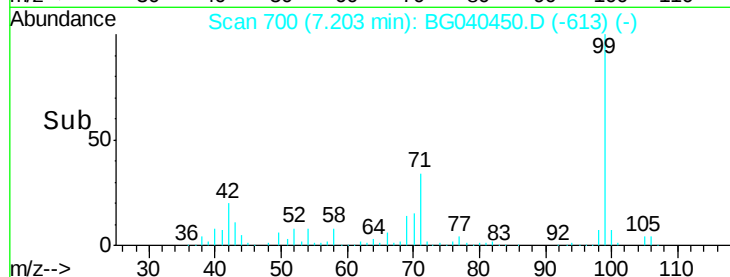
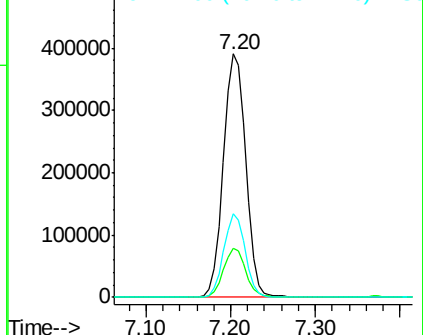
99 100

42 20.3 16.2 24.2

71 34.2 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: 42.915 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

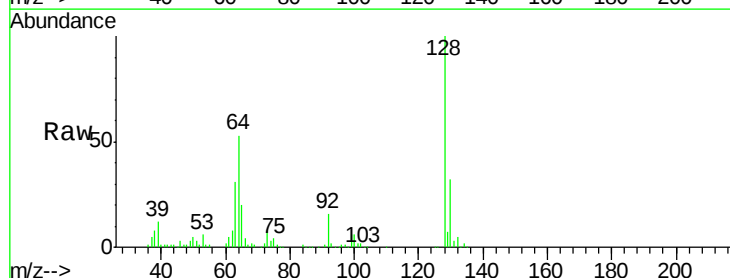
Tgt Ion:128 Resp: 195912

Ion Ratio Lower Upper

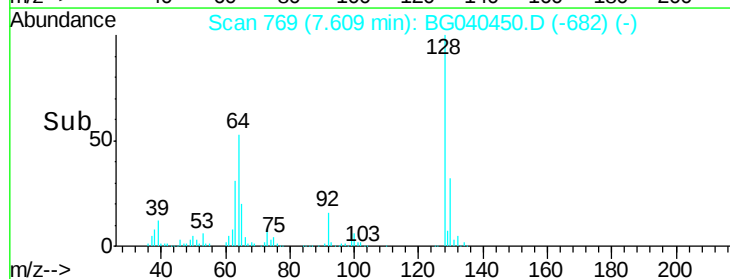
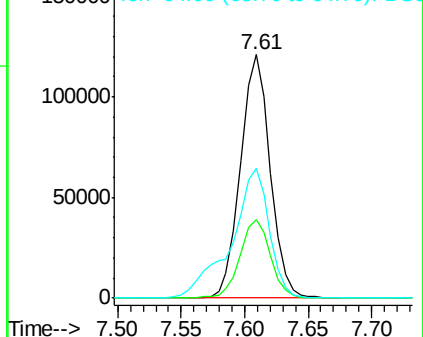
128 100

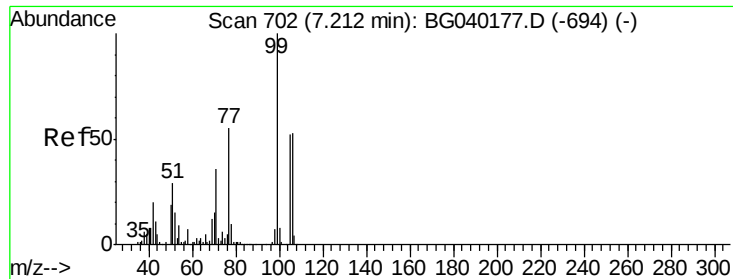
130 32.5 9.1 49.1

64 53.1 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

Benzaldehyde

Concen: 19.475 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampled :

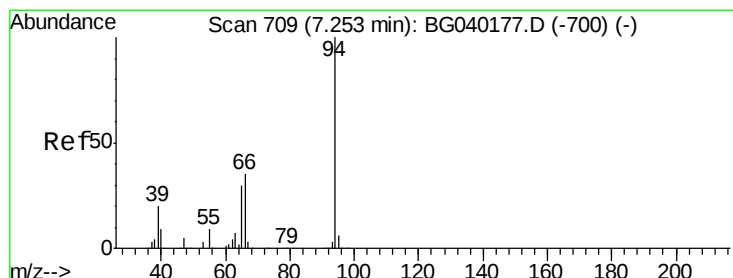
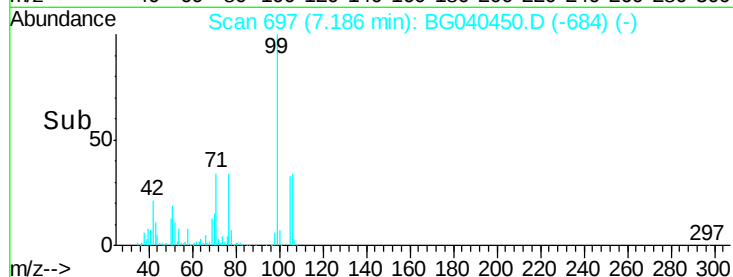
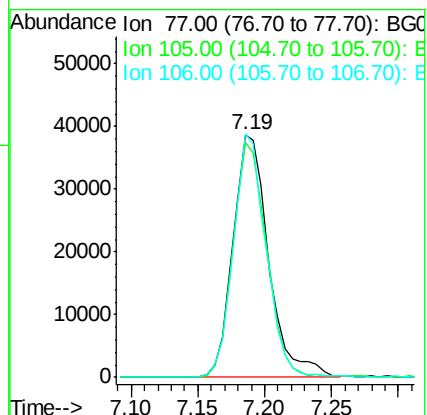
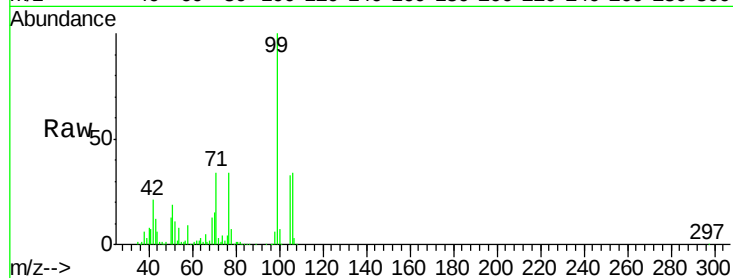
Tot Ion: 77 Resp: 71999

Ion Ratio Lower Upper

77 100

105 96.6 75.0 115.0

106 100.4 75.7 115.7



#10

Phenol

Concen: 44.037 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

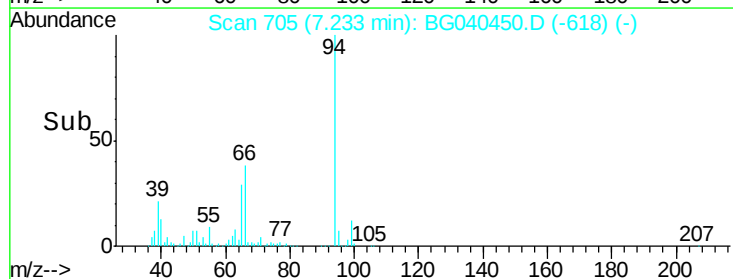
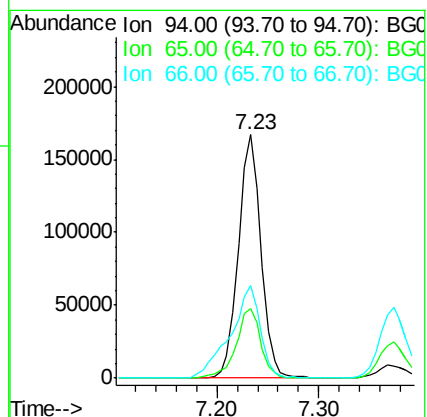
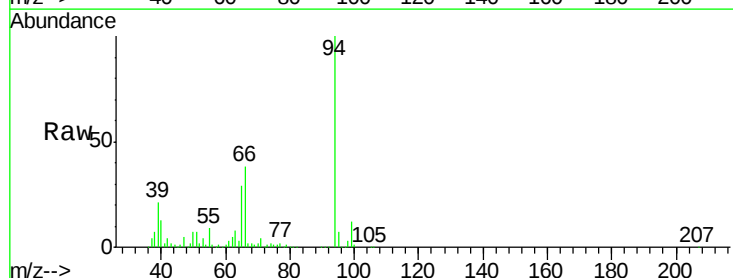
Tgt Ion: 94 Resp: 257619

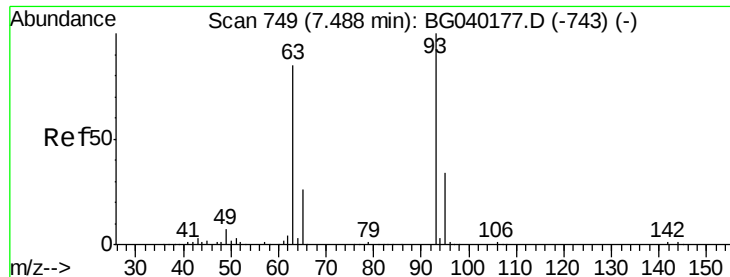
Ion Ratio Lower Upper

94 100

65 28.6 10.5 50.5

66 37.8 16.9 56.9

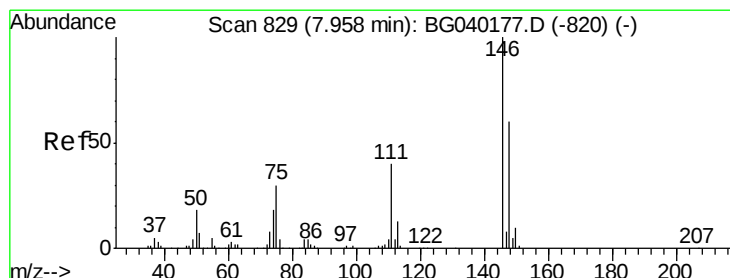
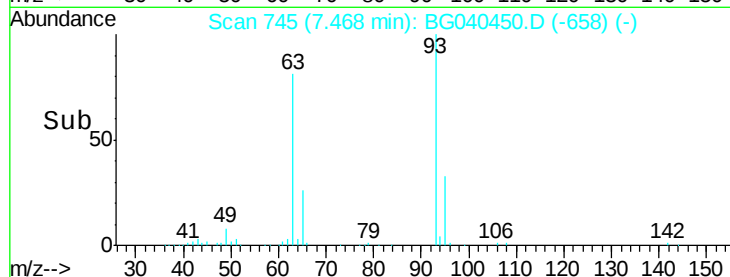
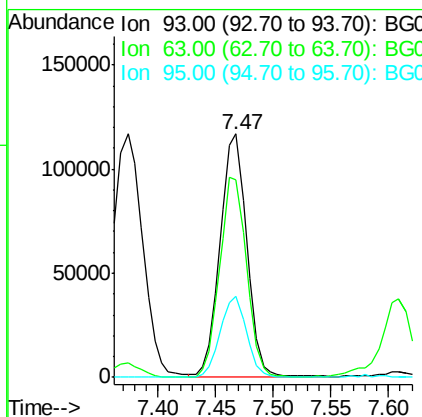
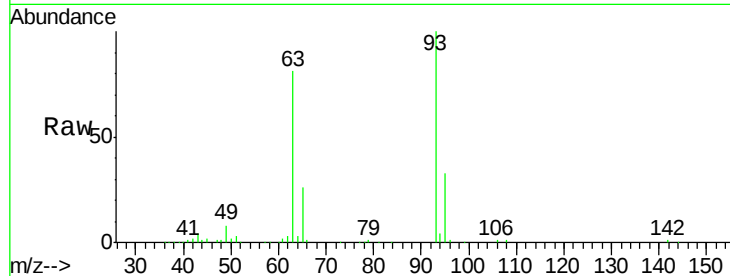




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.470 ng  
 RT: 7.47 min Scan# 745  
 Delta R.T. -0.02 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

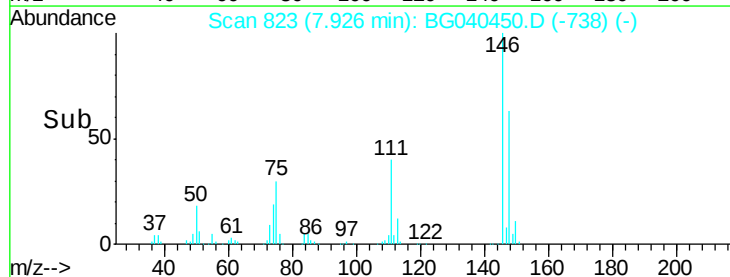
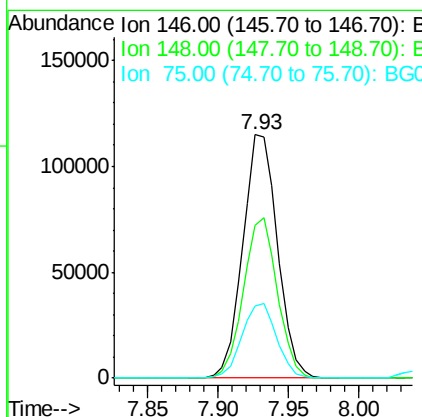
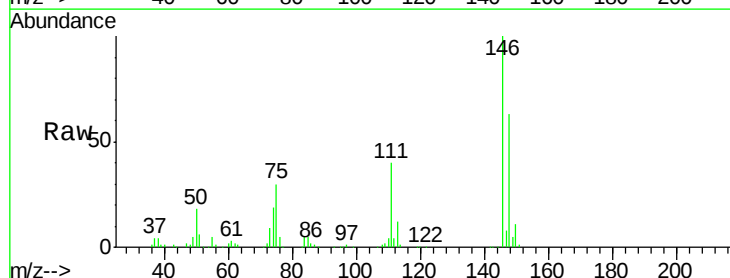
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion: 93 Resp: 189621  
 Ion Ratio Lower Upper  
 93 100  
 63 81.1 64.2 104.2  
 95 33.3 14.0 54.0



#12  
 1,3-Dichlorobenzene  
 Concen: 39.920 ng  
 RT: 7.93 min Scan# 823  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

Tgt Ion: 146 Resp: 198103  
 Ion Ratio Lower Upper  
 146 100  
 148 62.8 48.2 72.2  
 75 29.6 24.1 36.1

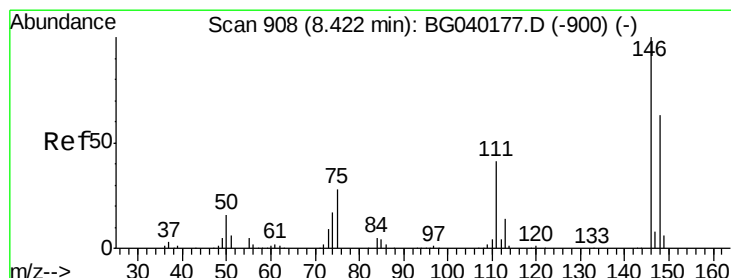
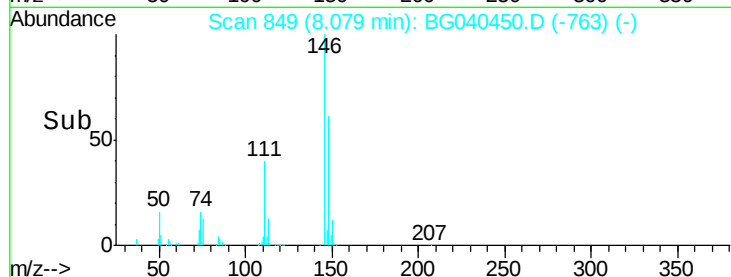
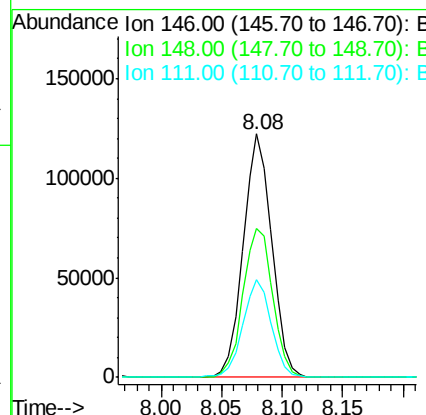
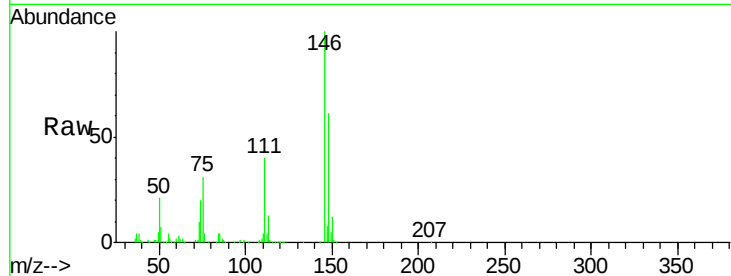




#13  
 1,4-Dichlorobenzene  
 Concen: 40.746 ng  
 RT: 8.08 min Scan# 849  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

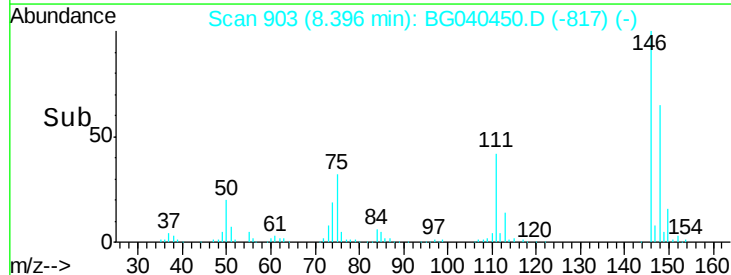
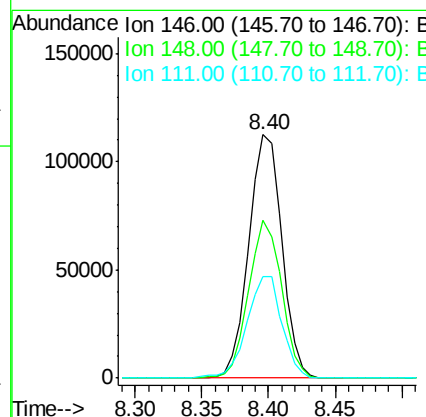
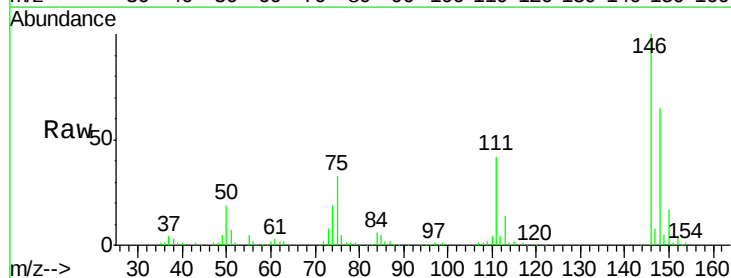
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 201393  
 Ion Ratio Lower Upper  
 146 100  
 148 61.2 51.0 76.4  
 111 40.2 31.8 47.6



#14  
 1,2-Dichlorobenzene  
 Concen: 40.694 ng  
 RT: 8.40 min Scan# 903  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

Tgt Ion:146 Resp: 192346  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 50.8 76.2  
 111 41.9 33.4 50.0





#15

Benzyl Alcohol

Concen: 40.180 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

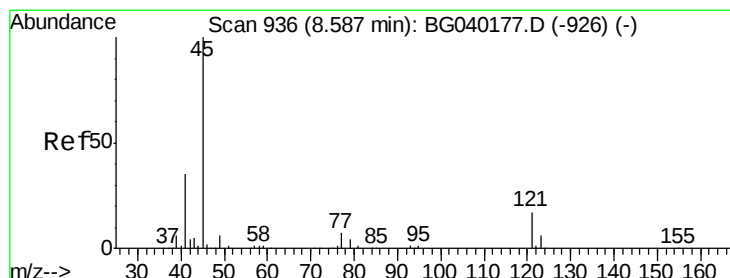
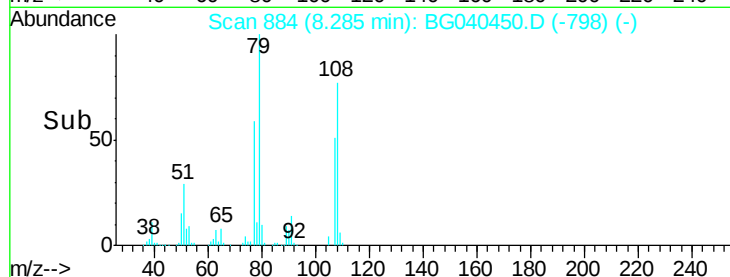
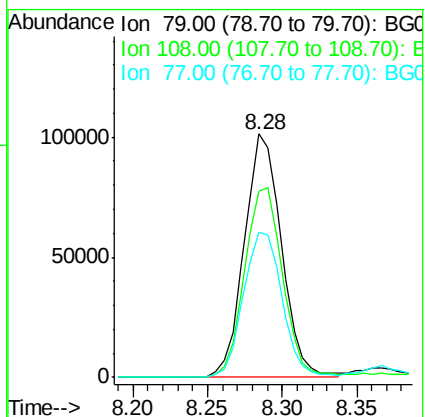
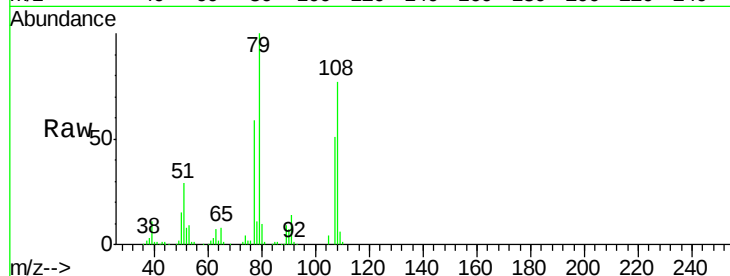
Tot Ion: 79 Resp: 174399

Ion Ratio Lower Upper

79 100

108 76.6 62.1 93.1

77 59.4 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.536 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

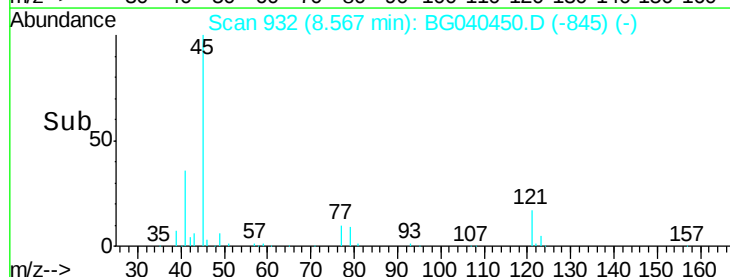
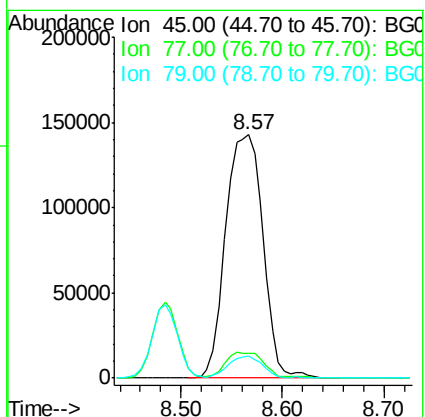
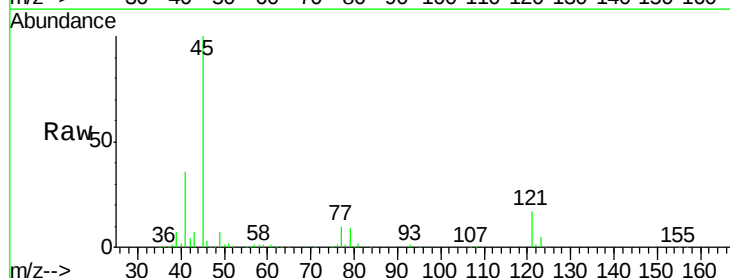
Tgt Ion: 45 Resp: 364518

Ion Ratio Lower Upper

45 100

77 10.4 0.0 31.4

79 9.0 0.0 28.3

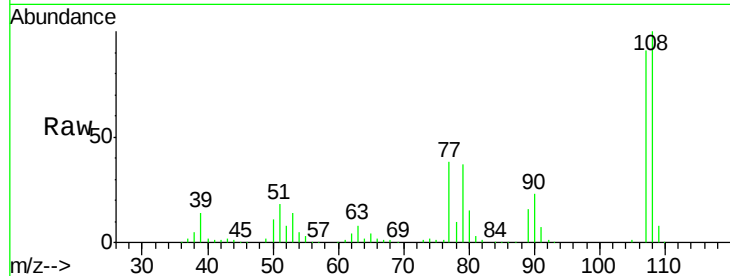




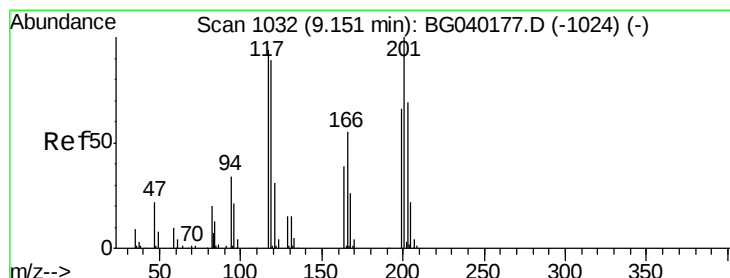
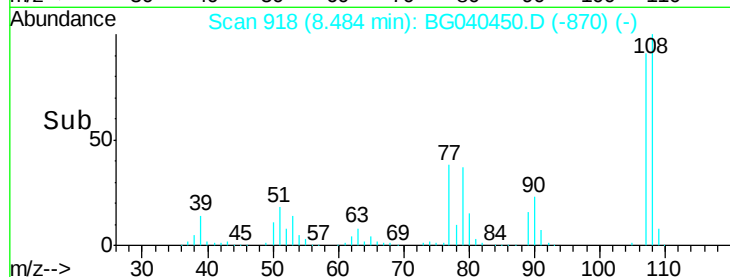
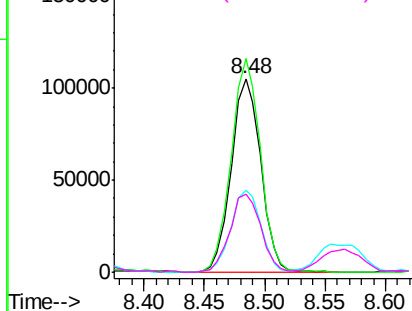
#17  
2-Methylphenol  
Concen: 44.463 ng  
RT: 8.48 min Scan# 918  
Delta R.T. -0.02 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:107 Resp: 179989  
Ion Ratio Lower Upper  
107 100  
108 110.3 88.2 132.4  
77 42.0 36.6 55.0  
79 40.6 36.5 54.7

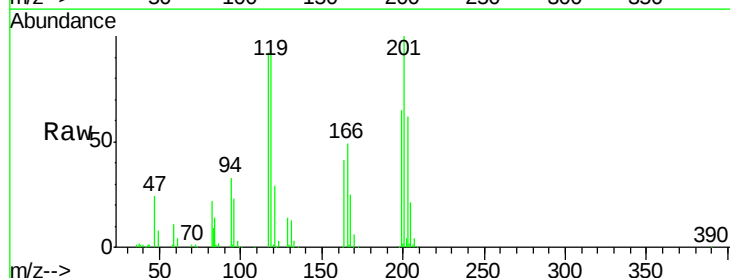


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

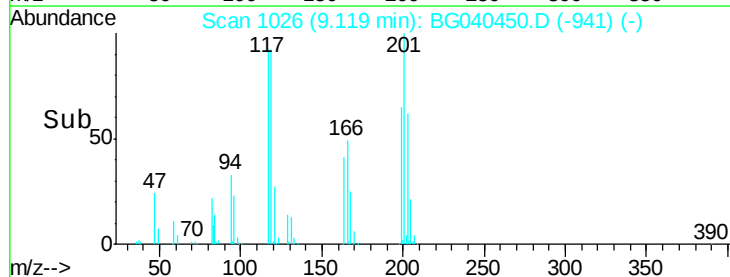
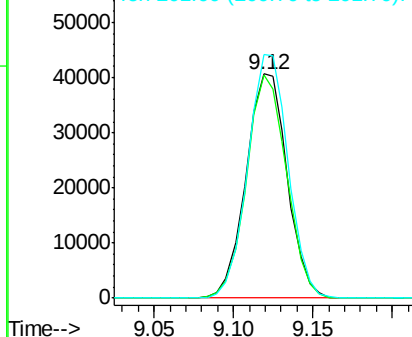


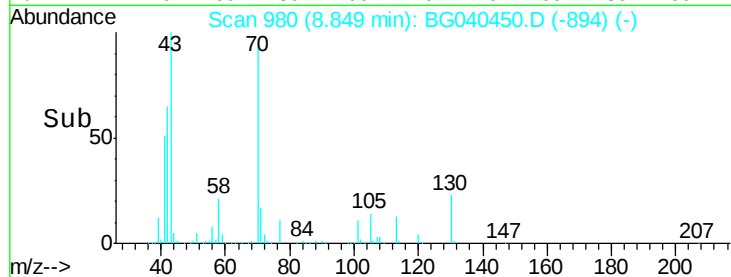
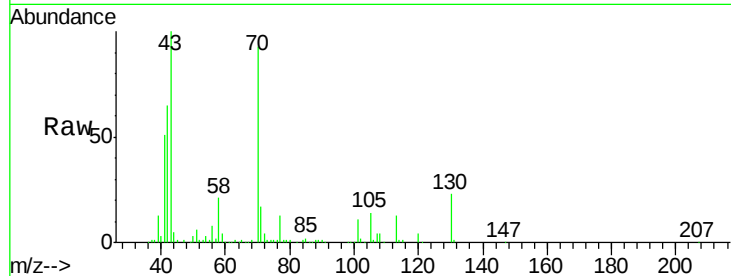
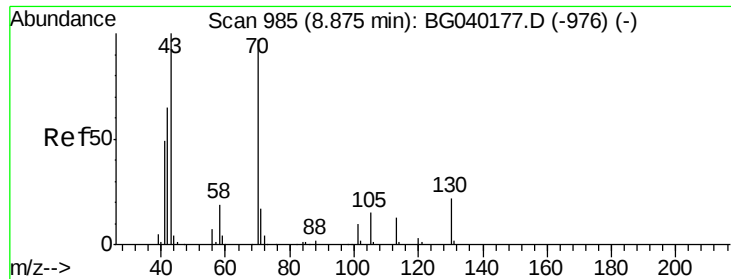
#18  
Hexachloroethane  
Concen: 38.987 ng  
RT: 9.12 min Scan# 1026  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Tgt Ion:117 Resp: 73298  
Ion Ratio Lower Upper  
117 100  
119 99.4 76.6 115.0  
201 108.5 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

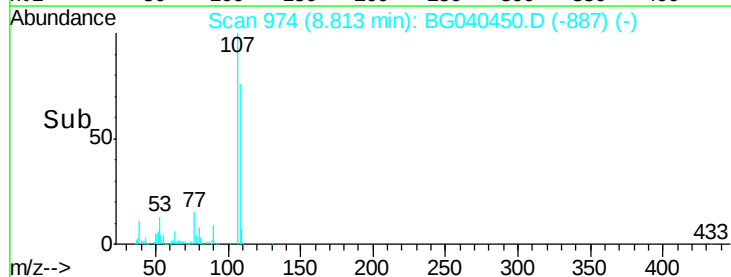
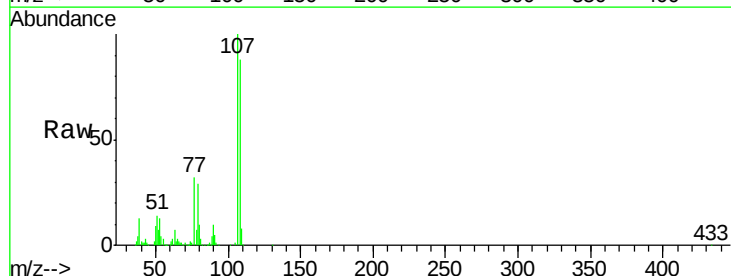
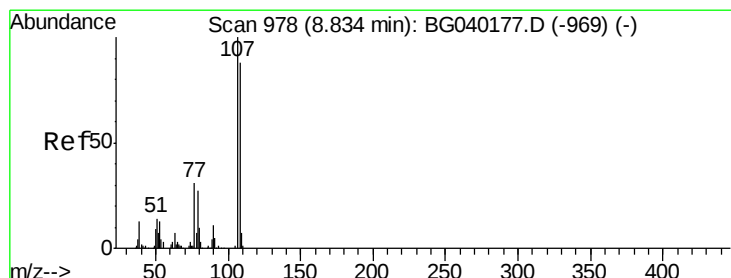
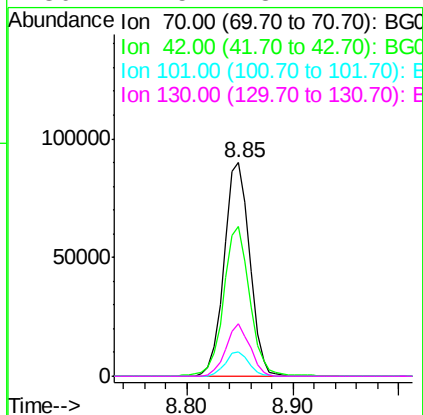




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.883 ng  
RT: 8.85 min Scan# 980  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

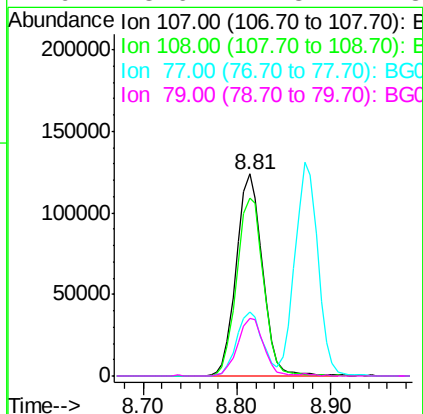
Instrument :  
BNA\_G  
ClientSampleId :

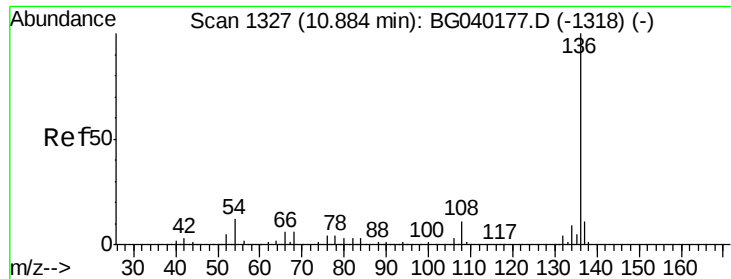
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 150253 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 70.0  | 54.0  | 81.0   |
| 101      | 11.4  | 8.6   | 13.0   |
| 130      | 24.5  | 18.2  | 27.2   |



#20  
3+4-Methylphenols  
Concen: 43.632 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.02 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 239275 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.8  | 68.3  | 108.3  |
| 77       | 32.0  | 11.3  | 51.3   |
| 79       | 28.6  | 7.3   | 47.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 276017

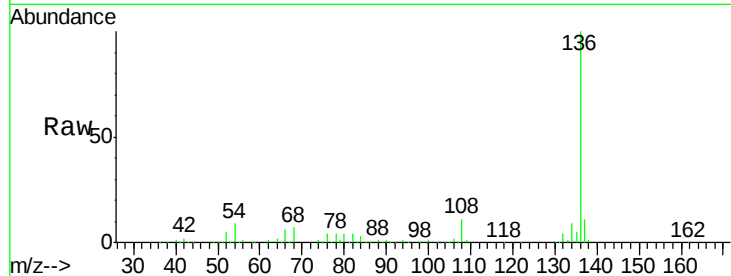
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.4 9.6 14.4#

68 7.2 5.1 7.7

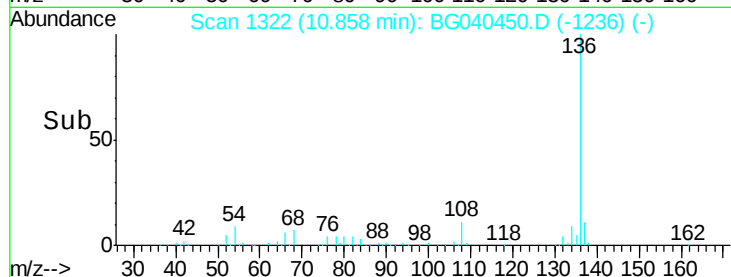


Abundance Ion 136.00 (135.70 to 136.70): E

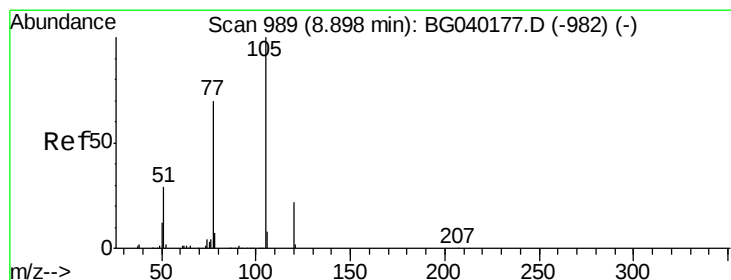
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 42.926 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:105 Resp: 295555

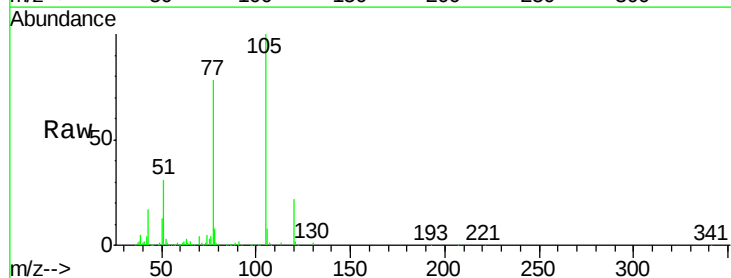
Ion Ratio Lower Upper

105 100

71 0.7 0.6 1.0

51 30.8 25.1 37.7

120 22.4 17.6 26.4

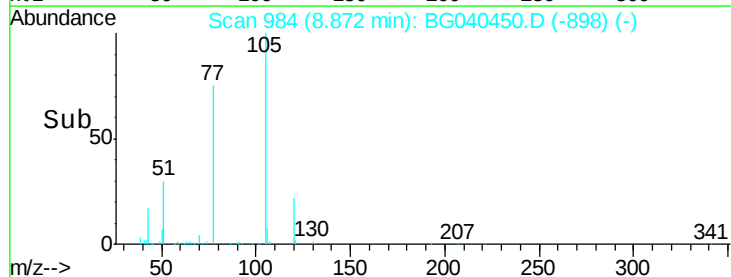


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



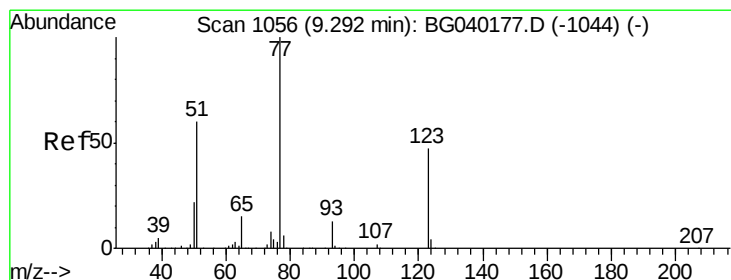
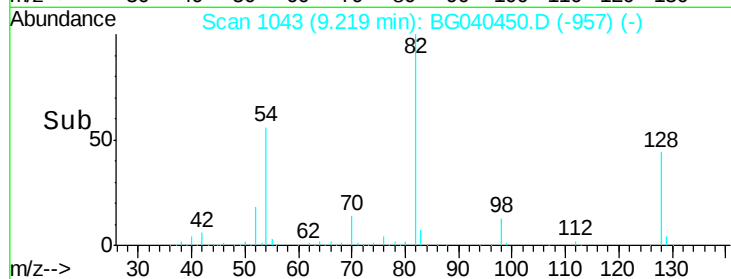
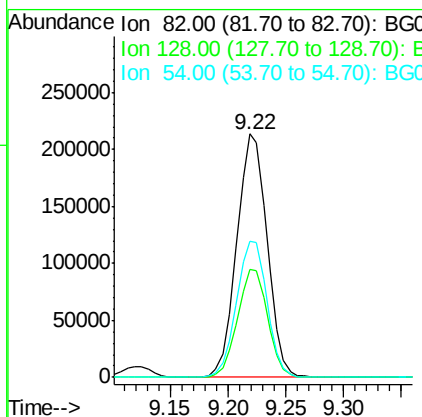
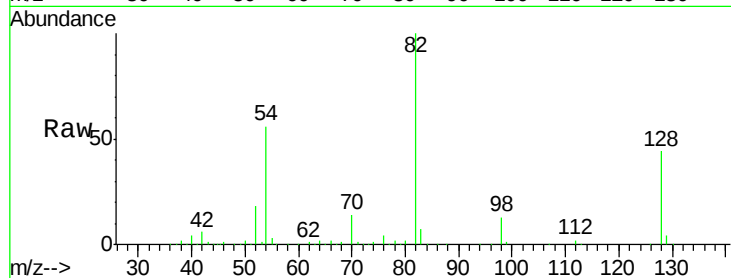
Time-->



#23  
 Nitrobenzene-d5  
 Concen: 74.908 ng  
 RT: 9.22 min Scan# 1043  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

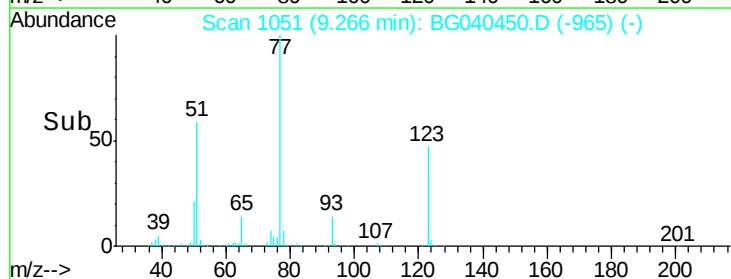
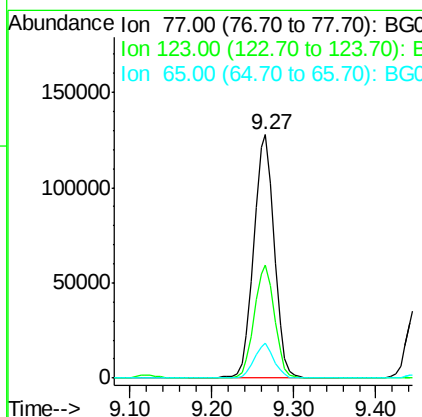
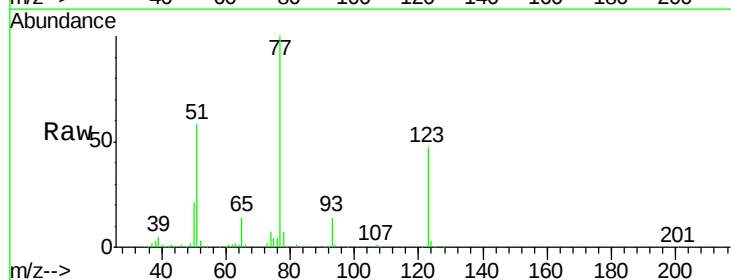
Instrument :  
 BNA\_G  
 ClientSampleId :

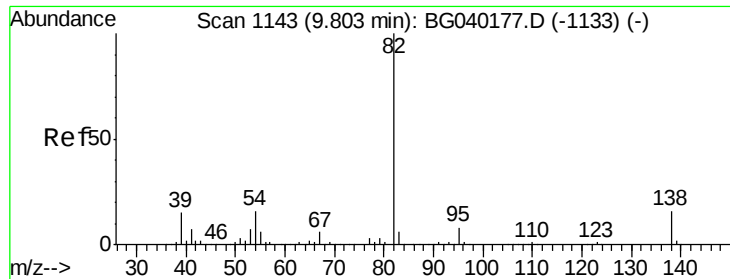
| Tot Ion   | 82    | Resp  | 388983 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.3  | 35.8  | 53.8   |
| 54        | 55.7  | 46.2  | 69.2   |



#24  
 Nitrobenzene  
 Concen: 41.563 ng  
 RT: 9.27 min Scan# 1051  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

| Tgt Ion   | 77    | Resp  | 223498 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 46.5  | 37.8  | 56.6   |
| 65        | 14.3  | 12.0  | 18.0   |





#25

Isophorone

Concen: 40.314 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

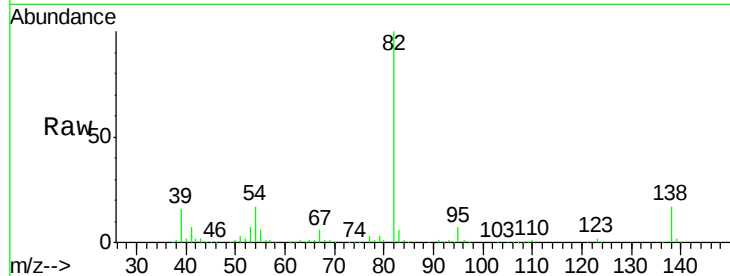
Tot Ion: 82 Resp: 430739

Ion Ratio Lower Upper

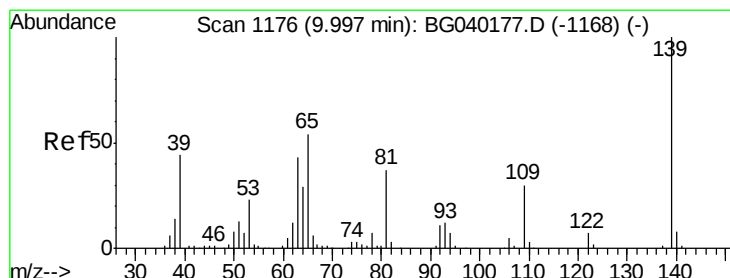
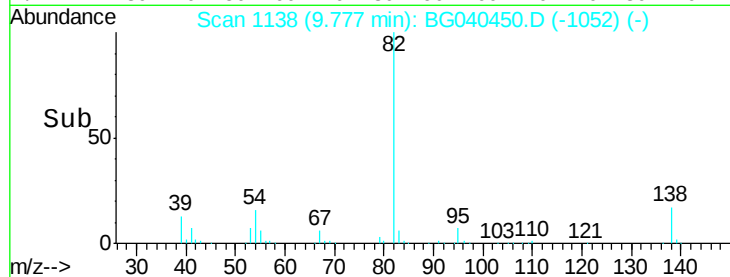
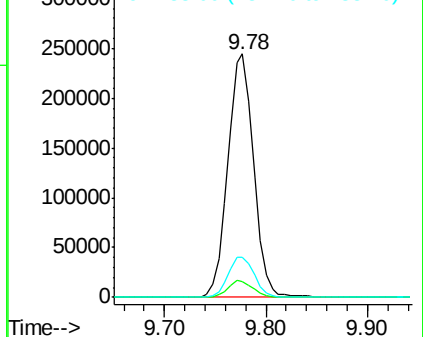
82 100

95 6.7 6.1 9.1

138 16.6 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.212 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

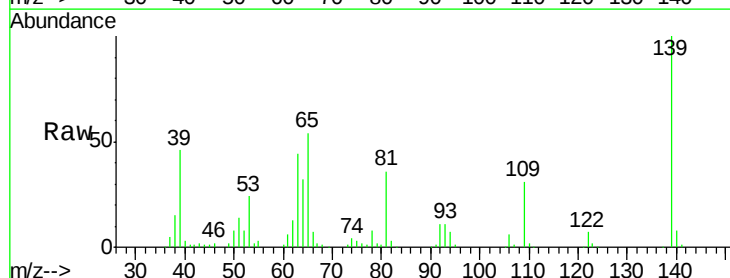
Tgt Ion: 139 Resp: 107555

Ion Ratio Lower Upper

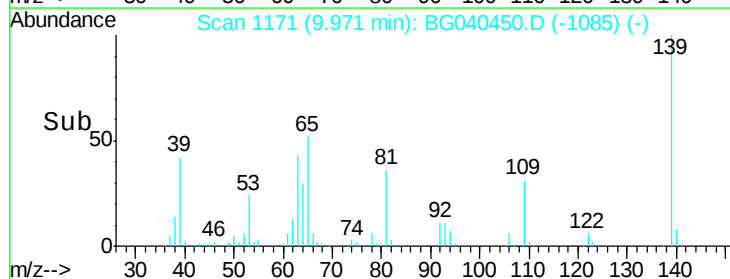
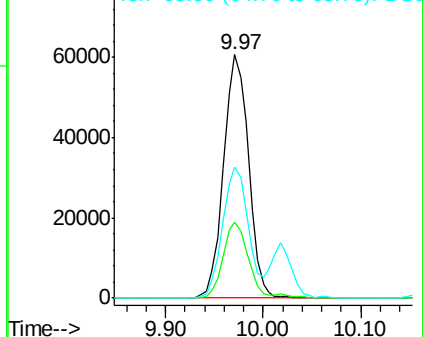
139 100

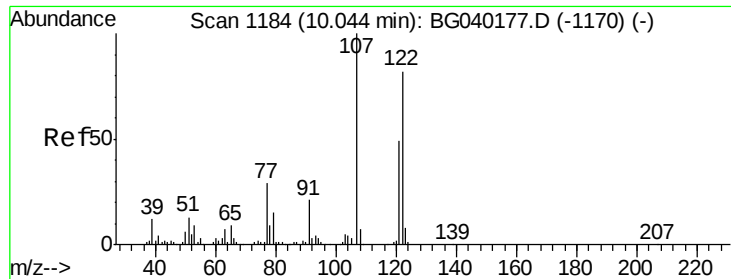
109 31.2 24.1 36.1

65 53.6 43.0 64.6



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

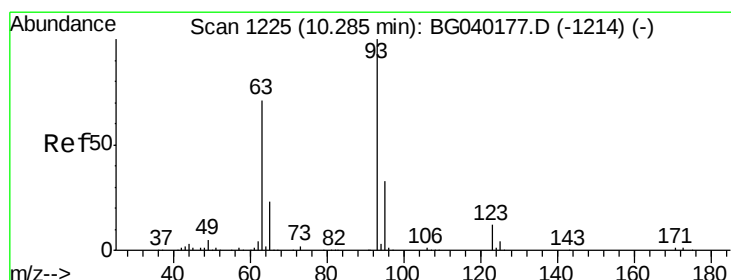
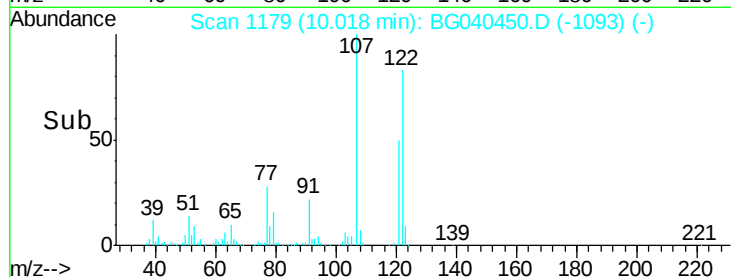
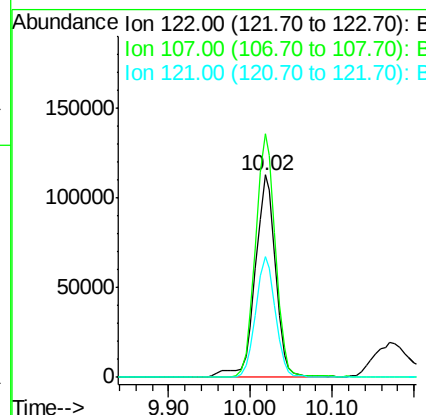
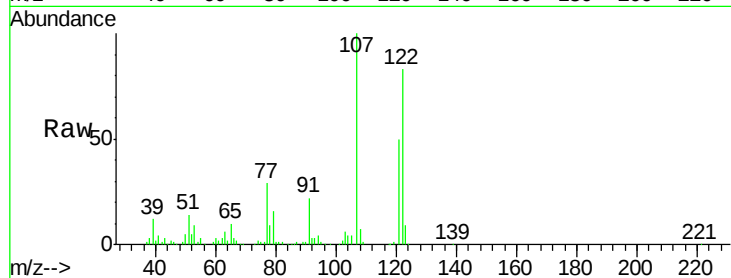




#27  
2,4-Dimethylphenol  
Concen: 48.747 ng  
RT: 10.02 min Scan# 1179  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

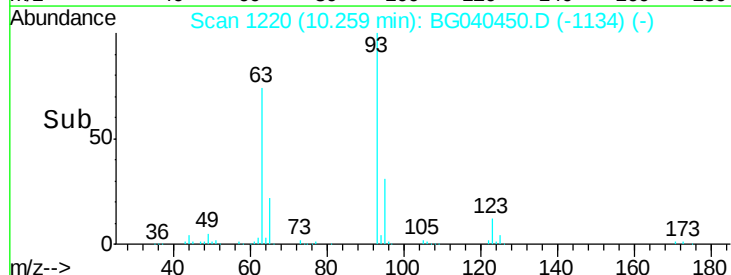
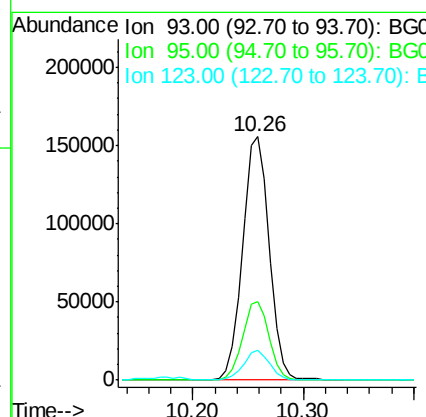
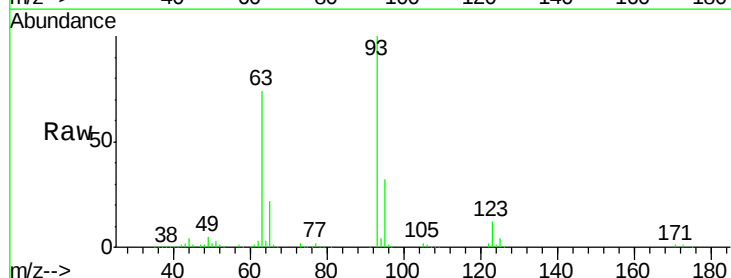
Instrument :  
BNA\_G  
ClientSampleId :

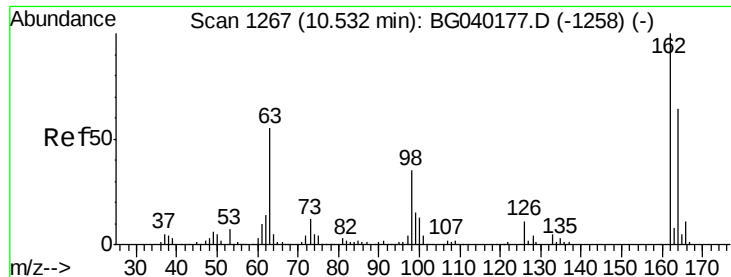
Tot Ion:122 Resp: 197295  
Ion Ratio Lower Upper  
122 100  
107 120.4 97.4 146.2  
121 59.8 47.7 71.5



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.663 ng  
RT: 10.26 min Scan# 1220  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Tgt Ion: 93 Resp: 263365  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.2 39.4  
123 12.2 9.4 14.0

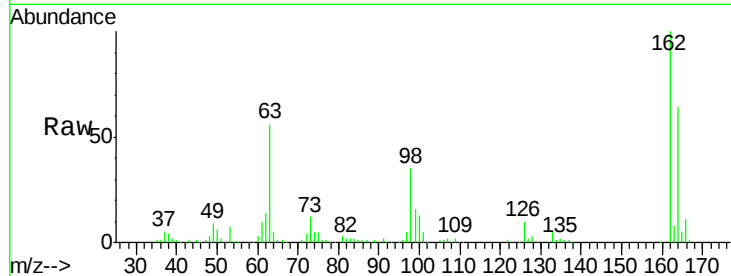




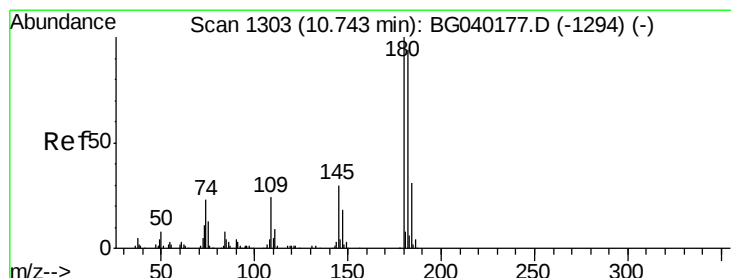
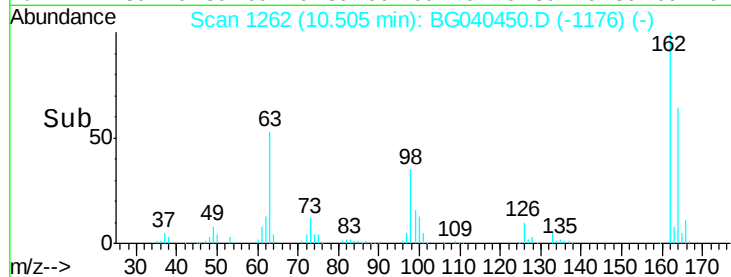
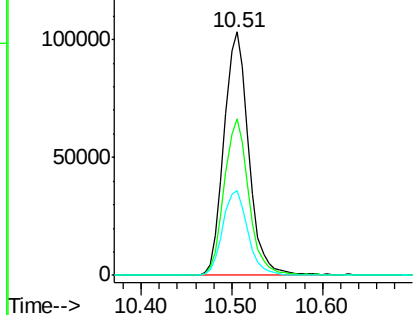
#29  
 2,4-Dichlorophenol  
 Concen: 44.681 ng  
 RT: 10.51 min Scan# 1262  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.5  | 43.9  | 83.9  |
| 98      | 35.1  | 15.6  | 55.6  |

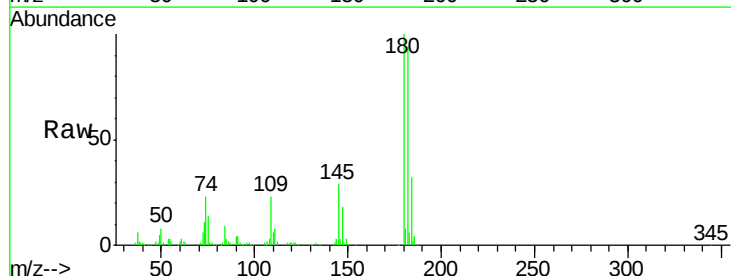


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

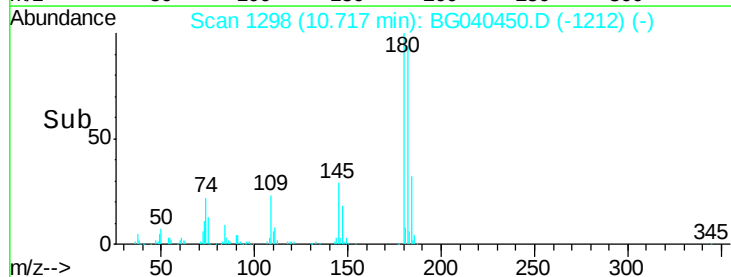
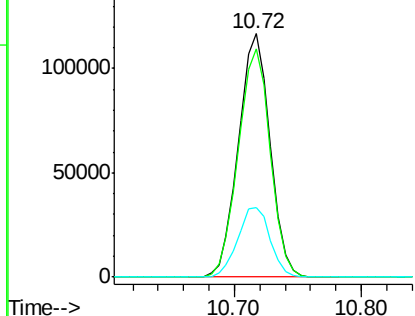


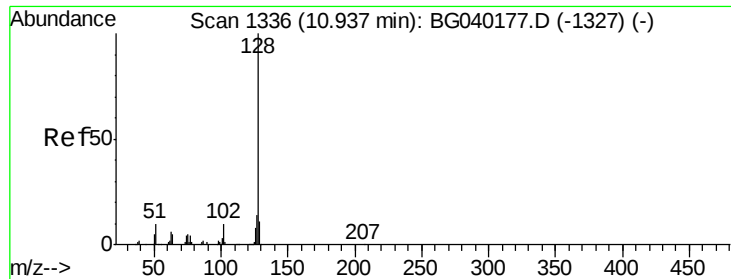
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.865 ng  
 RT: 10.72 min Scan# 1298  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 75.1  | 112.7 |
| 145     | 28.8  | 24.1  | 36.1  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

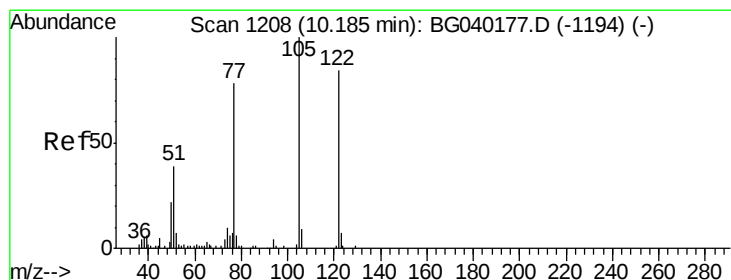
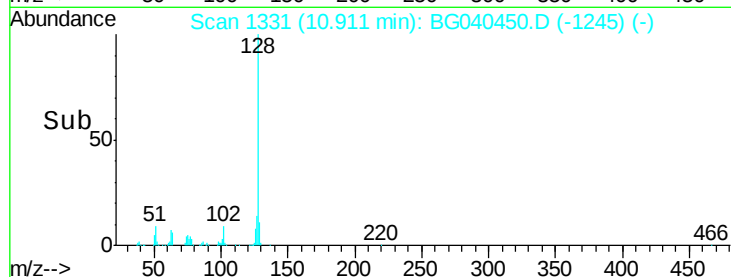
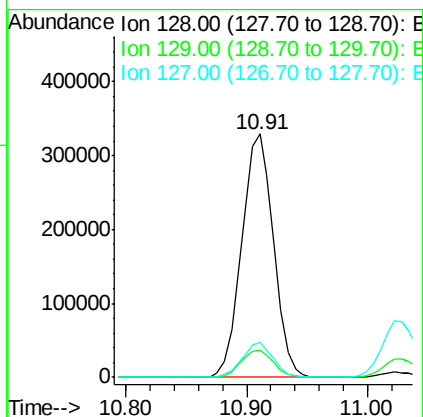
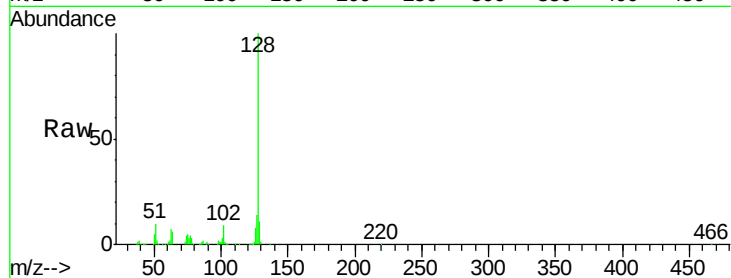




#31  
Naphthalene  
Concen: 42.520 ng  
RT: 10.91 min Scan# 1331  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

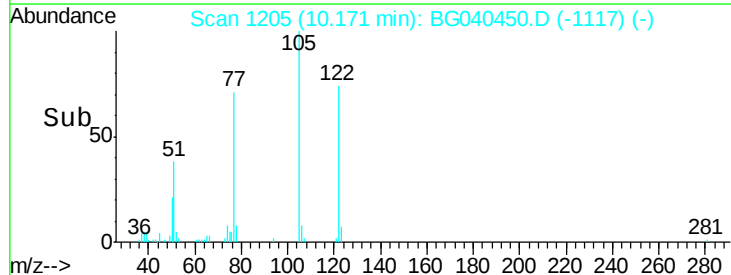
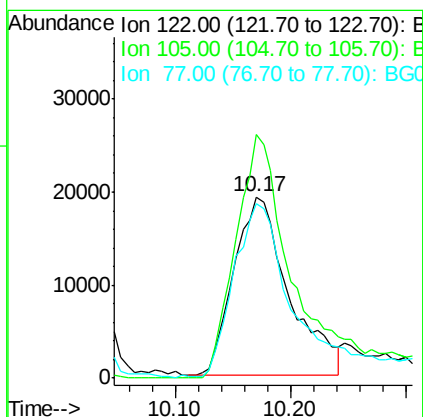
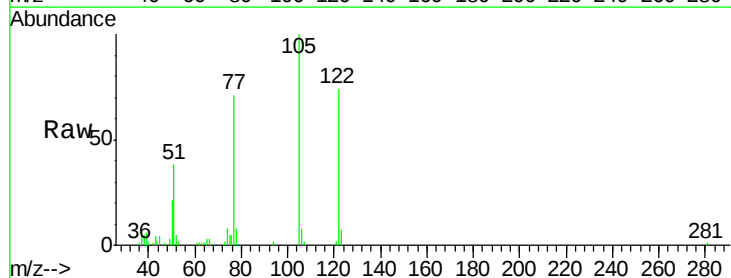
Instrument :  
BNA\_G  
ClientSampleId :

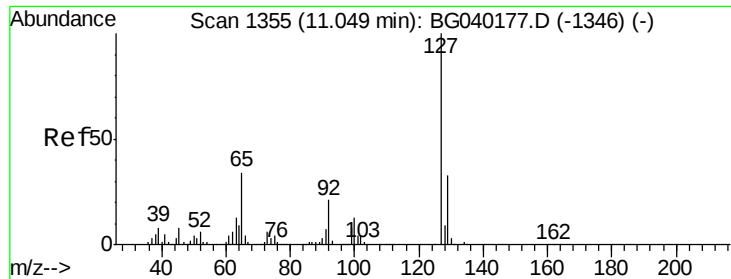
Tot Ion:128 Resp: 601573  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 14.4 11.4 17.0



#32  
Benzoic acid  
Concen: 26.014 ng  
RT: 10.17 min Scan# 1205  
Delta R.T. -0.01 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Tgt Ion:122 Resp: 63613  
Ion Ratio Lower Upper  
122 100  
105 134.5 98.2 138.2  
77 96.1 73.6 113.6

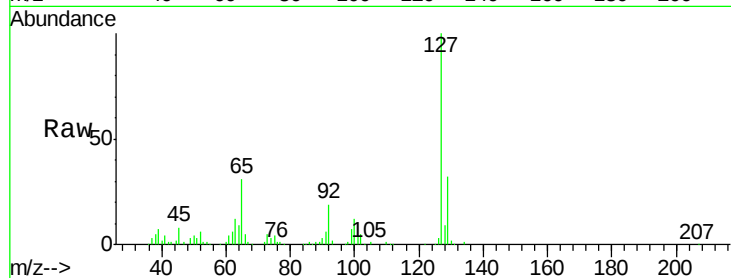




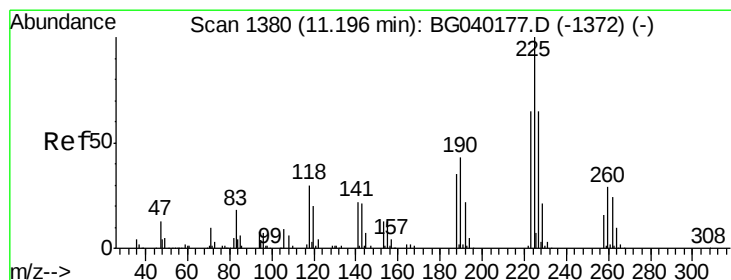
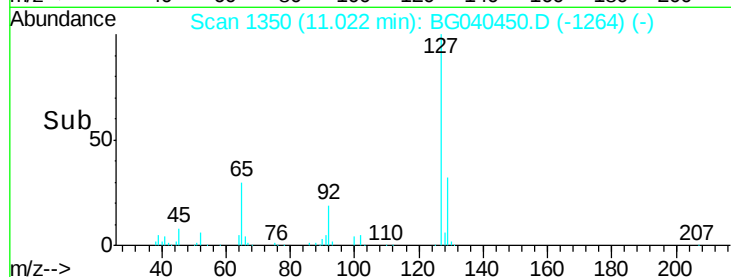
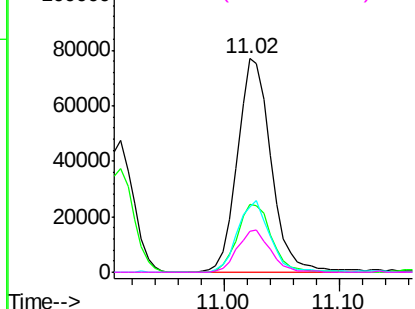
#33  
4-Chloroaniline  
Concen: 25.742 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Instrument :  
BNA\_G  
ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 155351    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.0  | 26.6 40.0 |
| 65          | 30.8  | 27.0 40.4 |
| 92          | 19.4  | 16.6 25.0 |

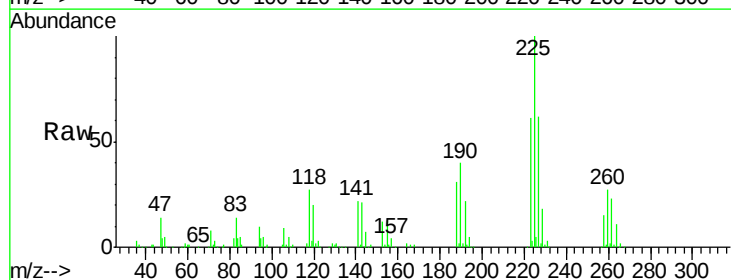


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

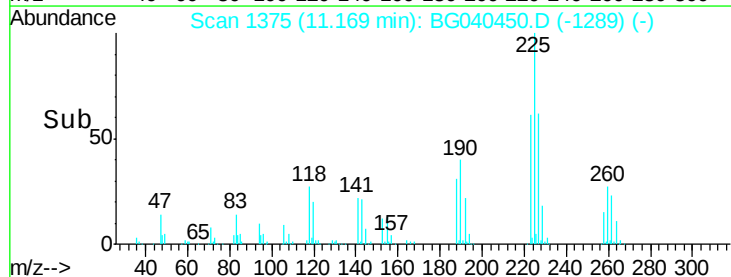
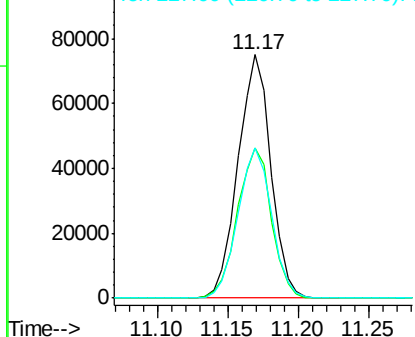


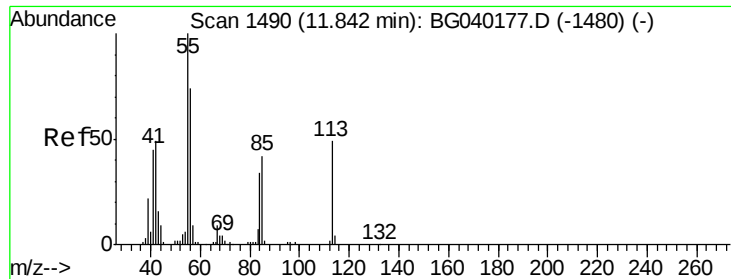
#34  
Hexachlorobutadiene  
Concen: 39.533 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 121961    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.5  | 51.8 77.8 |
| 227         | 61.9  | 54.9 82.3 |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.601 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

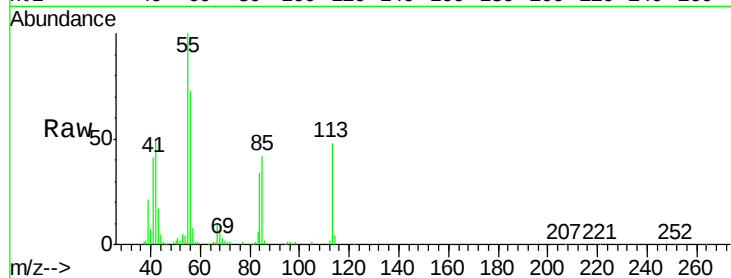
Tot Ion:113 Resp: 51605

Ion Ratio Lower Upper

113 100

55 210.4 184.2 224.2

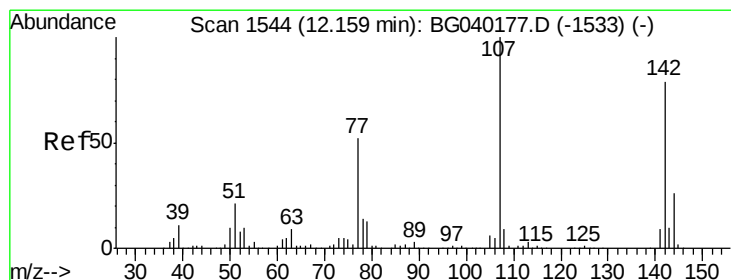
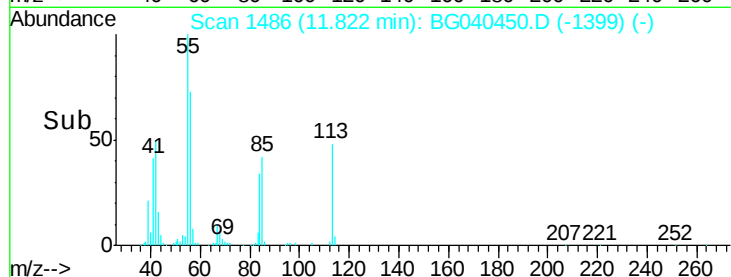
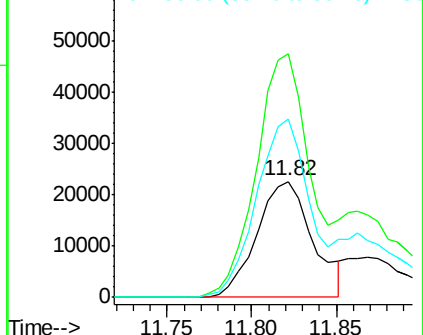
56 154.0 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.159 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

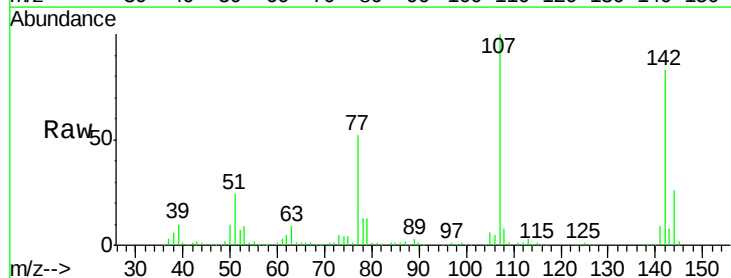
Tgt Ion:107 Resp: 223018

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

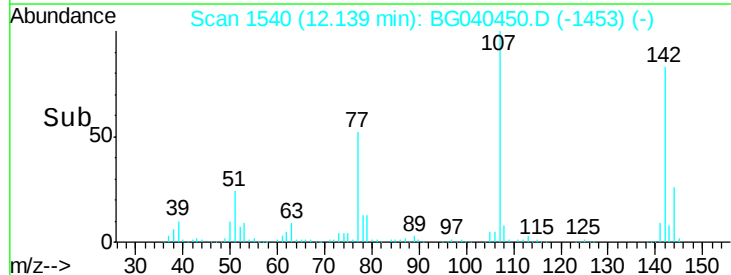
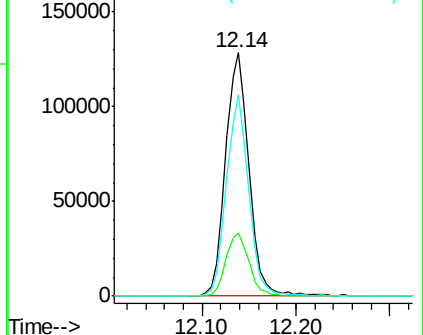
142 82.7 63.1 94.7

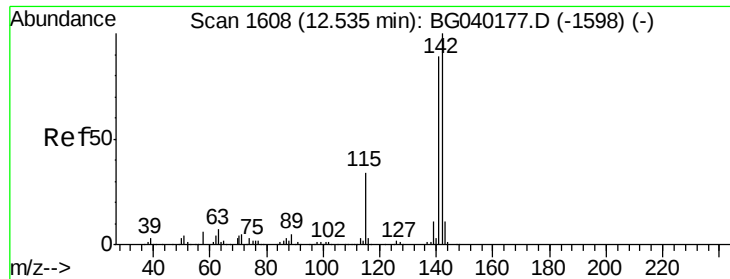


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

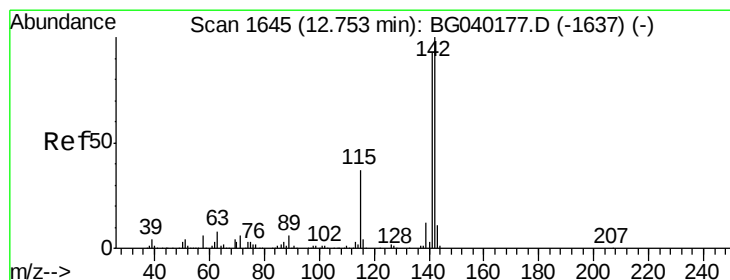
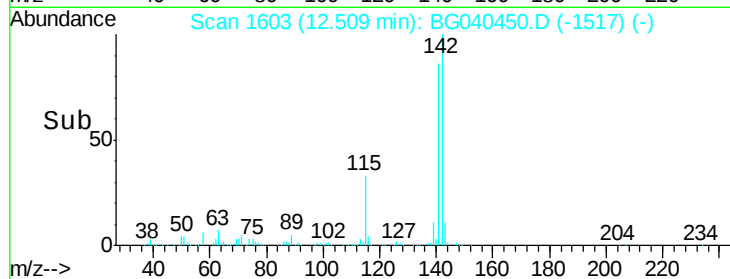
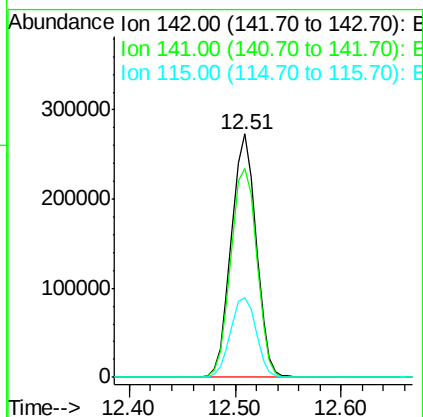
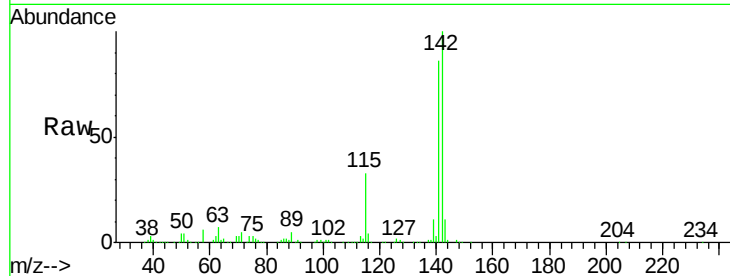




#37  
 2-Methylnaphthalene  
 Concen: 42.559 ng  
 RT: 12.51 min Scan# 1603  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

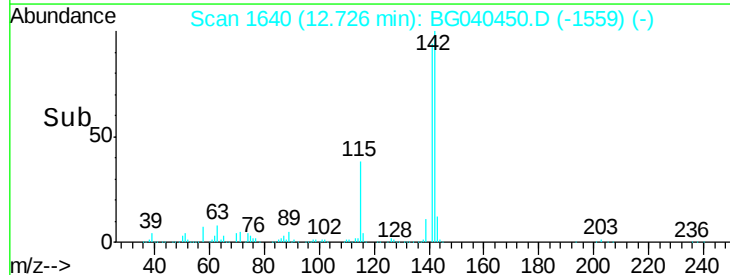
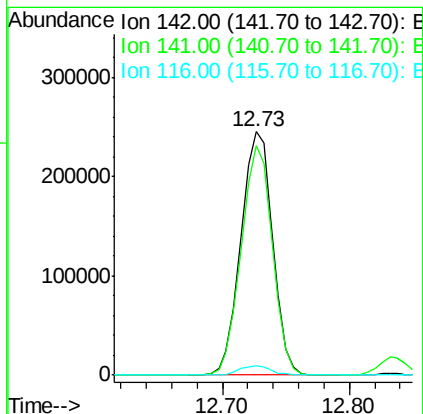
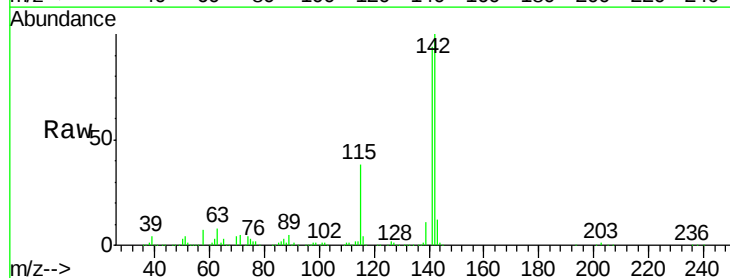
Instrument :  
 BNA\_G  
 ClientSampleId :

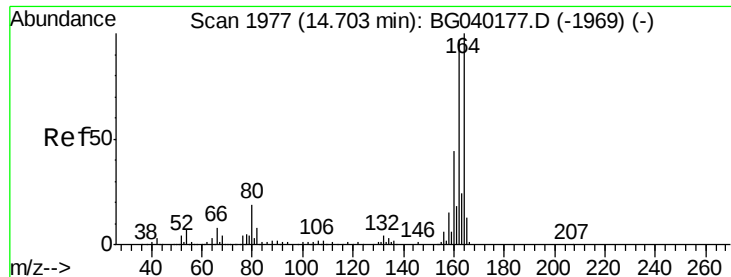
Tot Ion:142 Resp: 445317  
 Ion Ratio Lower Upper  
 142 100  
 141 86.0 71.0 106.6  
 115 32.9 27.3 40.9



#38  
 1-Methylnaphthalene  
 Concen: 41.850 ng  
 RT: 12.73 min Scan# 1640  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

Tgt Ion:142 Resp: 424635  
 Ion Ratio Lower Upper  
 142 100  
 141 94.2 74.2 111.4  
 116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

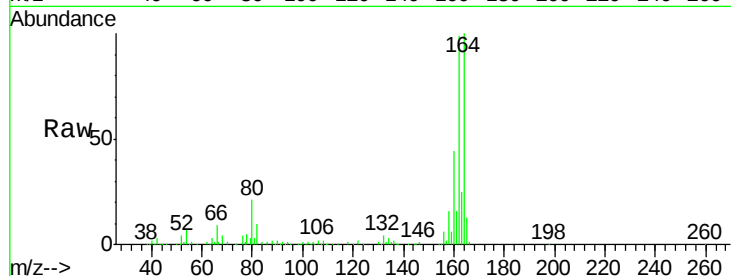
Tot Ion:164 Resp: 175000

Ion Ratio Lower Upper

164 100

162 99.0 77.4 116.2

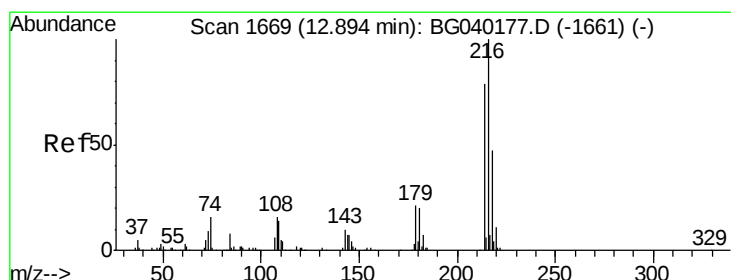
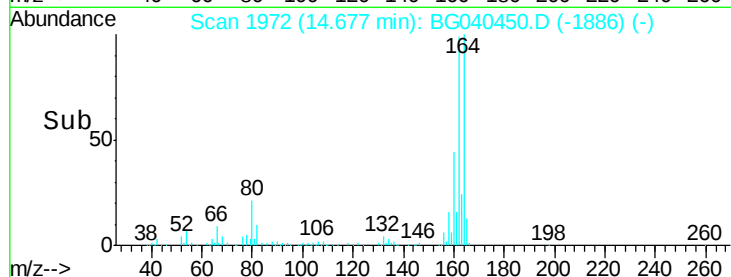
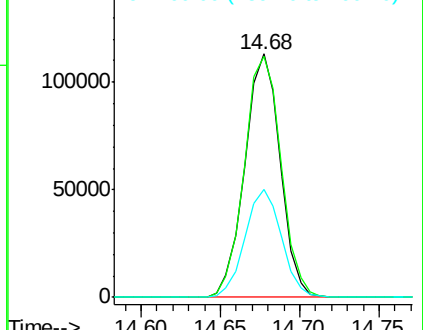
160 44.3 35.3 52.9



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.874 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:216 Resp: 227347

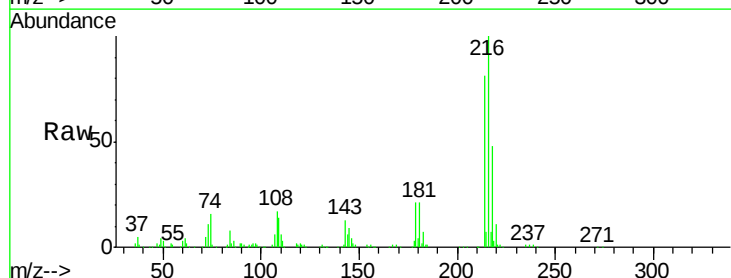
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.0 16.6 25.0

108 19.2 13.8 20.8

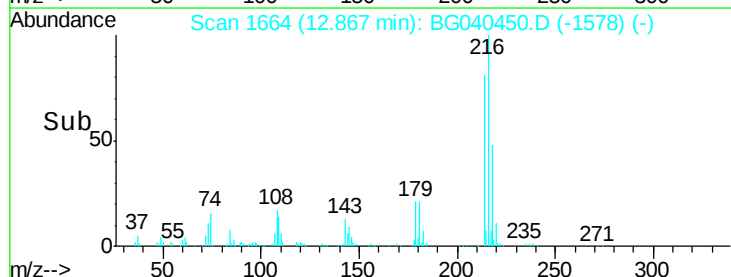
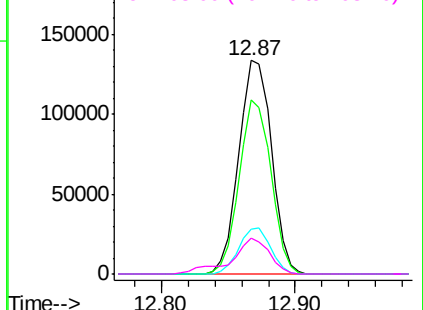


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.959 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

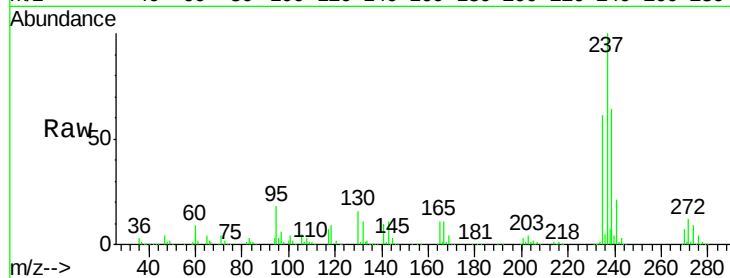
Tot Ion:237 Resp: 250304

Ion Ratio Lower Upper

237 100

235 61.1 46.2 86.2

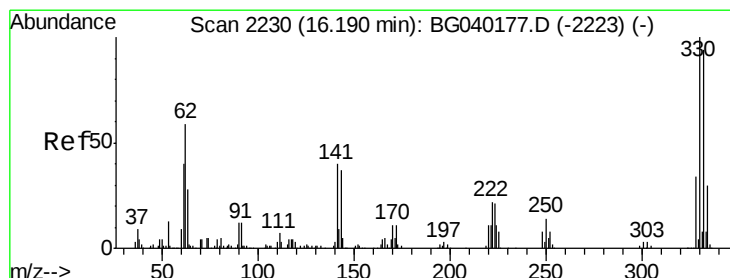
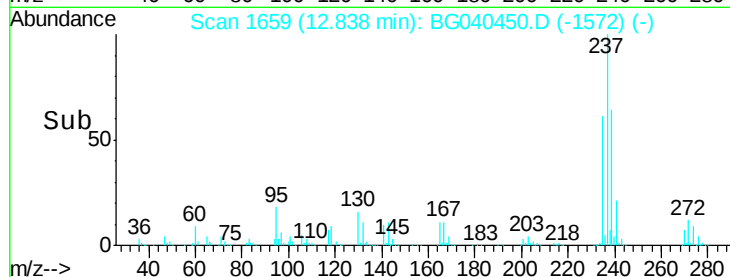
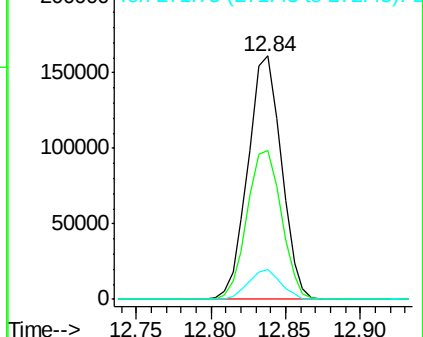
272 12.1 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.692 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

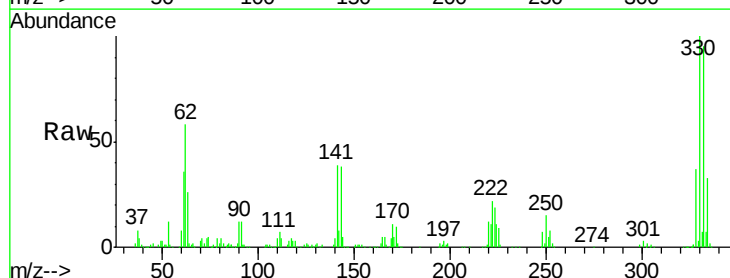
Tgt Ion:330 Resp: 269872

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

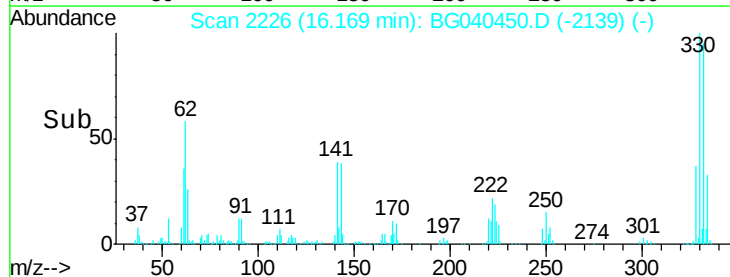
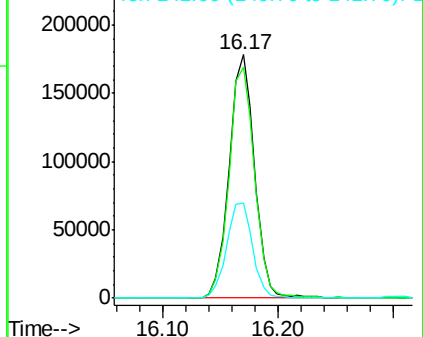
141 40.2 32.6 48.8

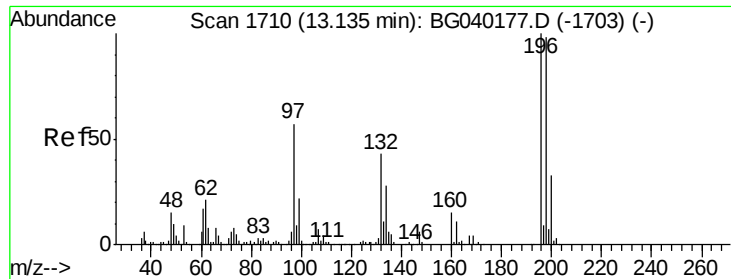


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

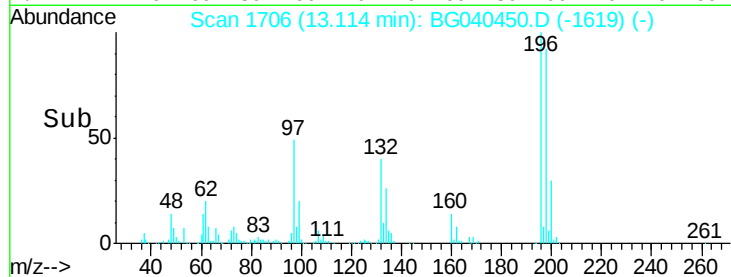
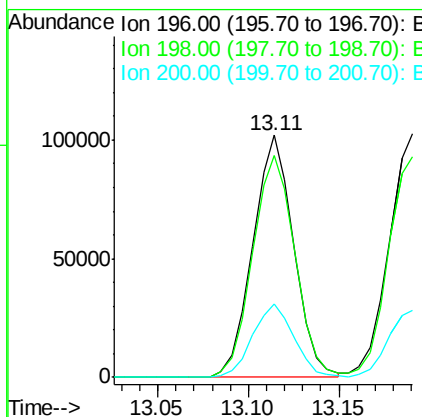
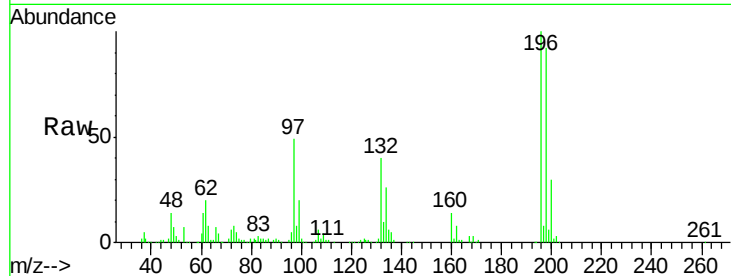




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.445 ng  
 RT: 13.11 min Scan# 1706  
 Delta R.T. -0.02 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

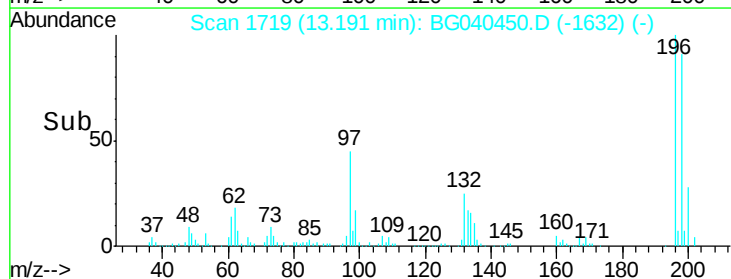
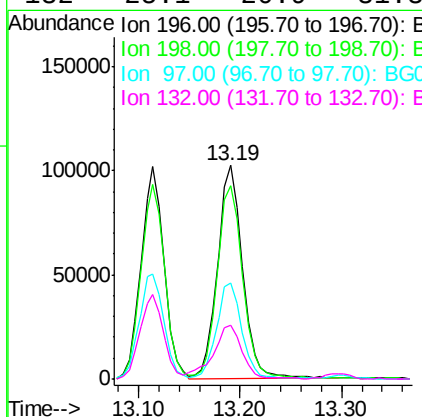
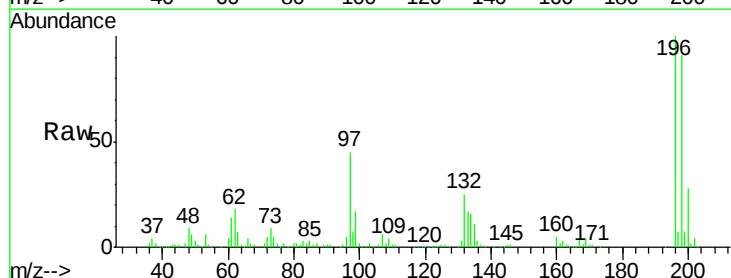
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 159382  
 Ion Ratio Lower Upper  
 196 100  
 198 92.0 78.3 117.5  
 200 30.5 26.0 39.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.767 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. -0.02 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

Tgt Ion:196 Resp: 174981  
 Ion Ratio Lower Upper  
 196 100  
 198 90.7 75.0 112.6  
 97 44.7 37.3 55.9  
 132 25.1 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 74.240 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

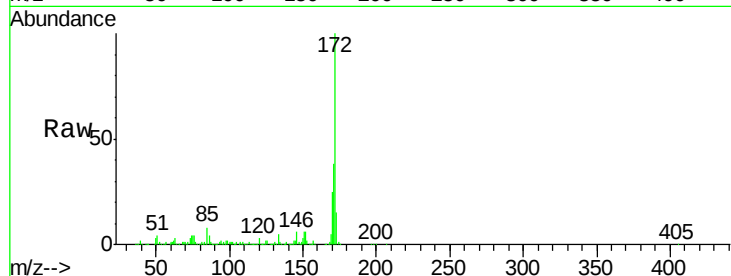
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:172 Resp: 876788

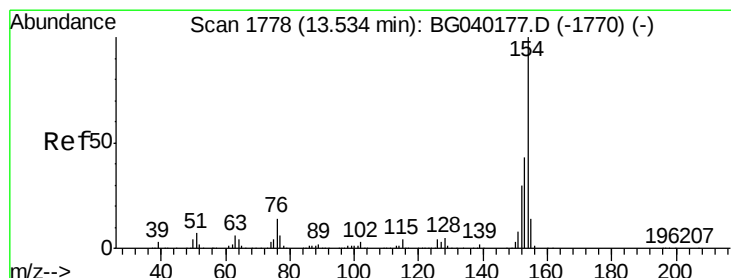
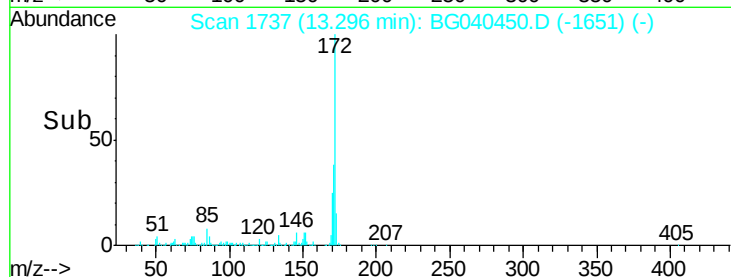
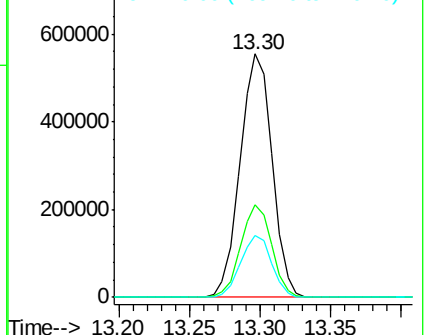
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.2  | 30.5  | 45.7  |
| 170 | 25.3  | 20.1  | 30.1  |



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: 41.569 ng

RT: 13.51 min Scan# 1773

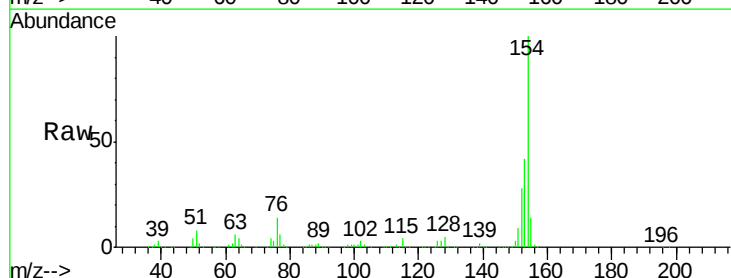
Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:154 Resp: 574793

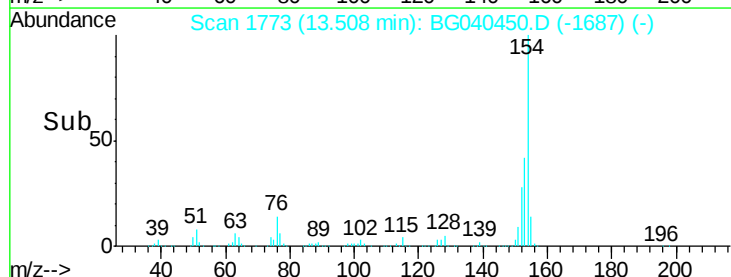
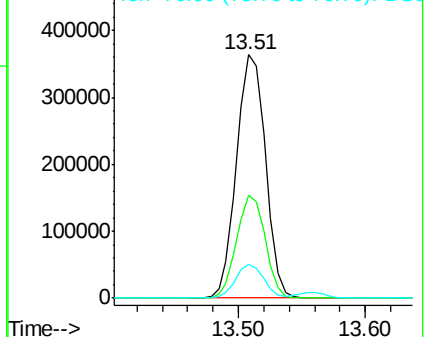
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.0  | 22.5  | 62.5  |
| 76  | 13.7  | 0.0   | 33.7  |

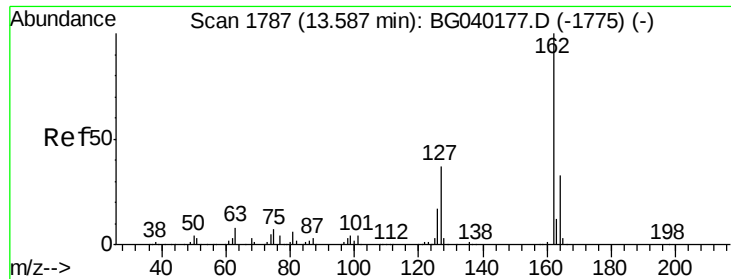


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

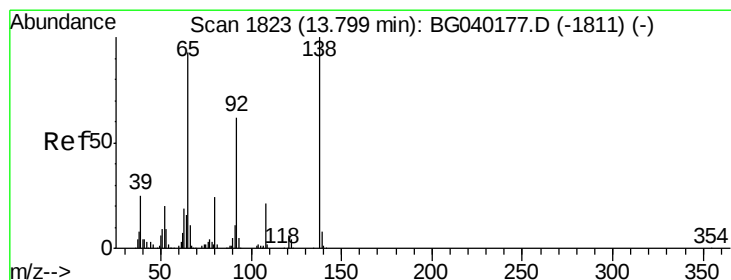
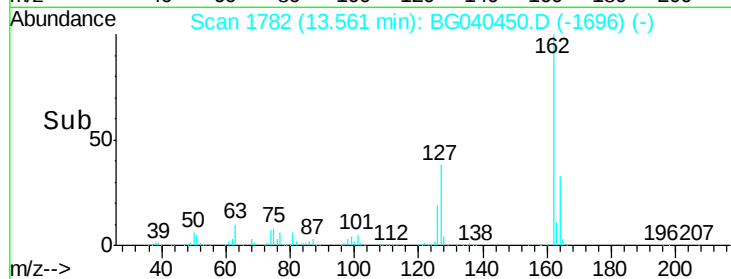
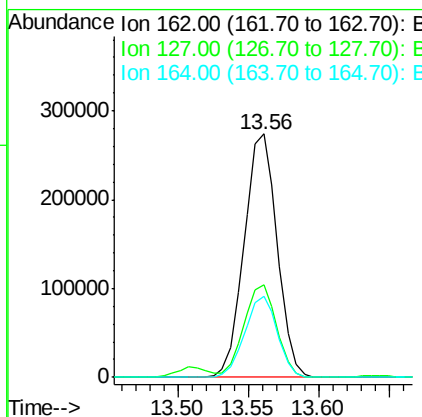
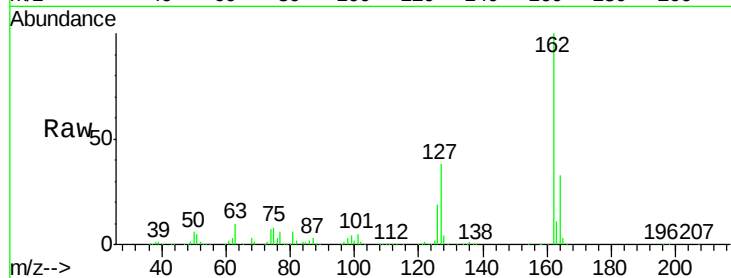




#47  
2-Chloronaphthalene  
Concen: 42.252 ng  
RT: 13.56 min Scan# 1782  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

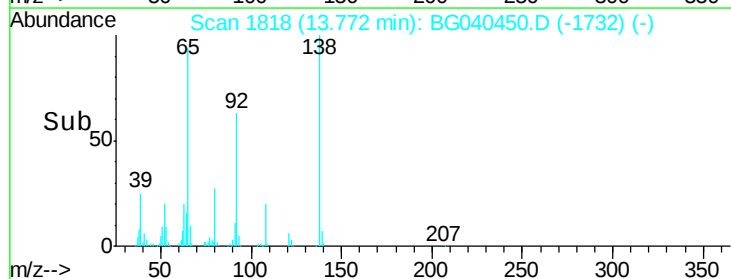
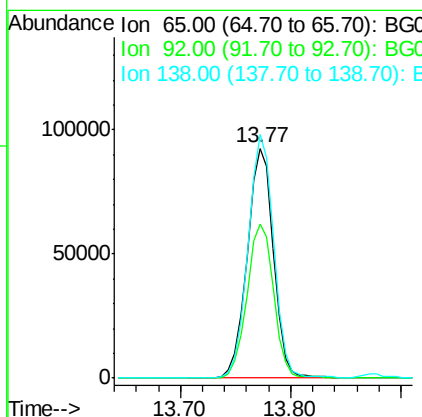
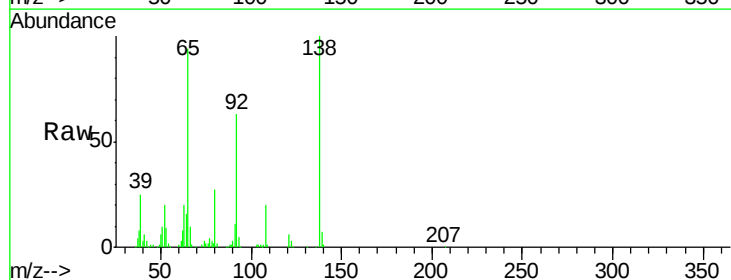
Instrument :  
BNA\_G  
ClientSampleId :

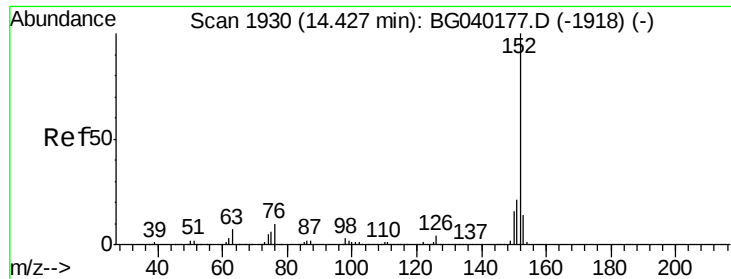
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.9  | 30.6  | 45.8  |
| 164     | 33.5  | 26.2  | 39.4  |



#48  
2-Nitroaniline  
Concen: 43.346 ng  
RT: 13.77 min Scan# 1818  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.7  | 53.8  | 80.6  |
| 138     | 105.9 | 86.3  | 129.5 |





#49

Acenaphthylene

Concen: 40.945 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

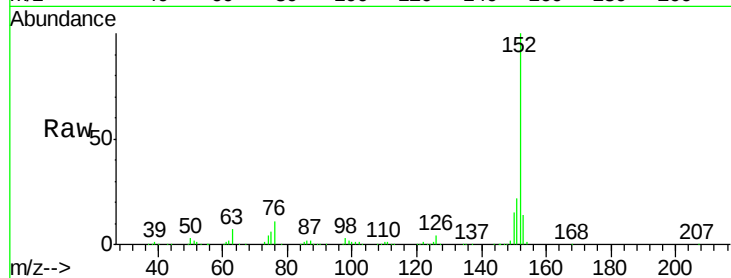
Tot Ion:152 Resp: 736313

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.6

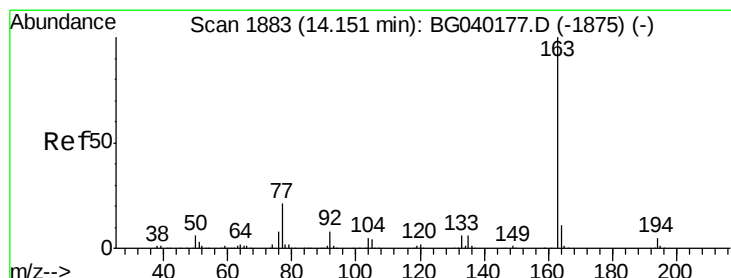
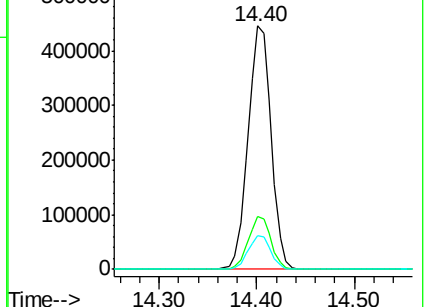
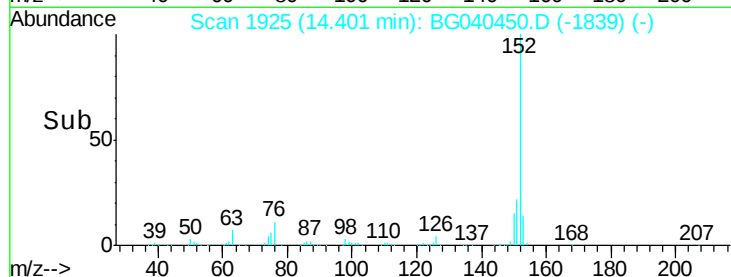
153 13.6 10.8 16.2



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: 42.513 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

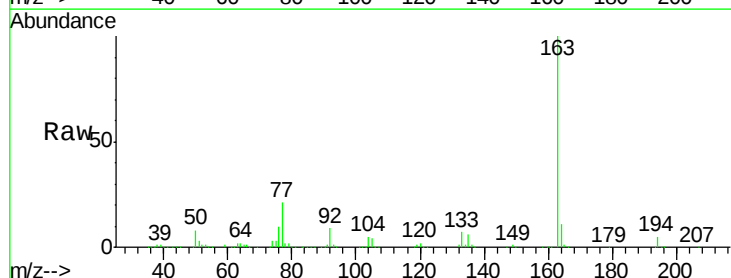
Tgt Ion:163 Resp: 582265

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

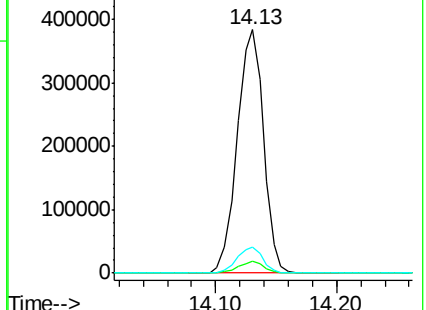
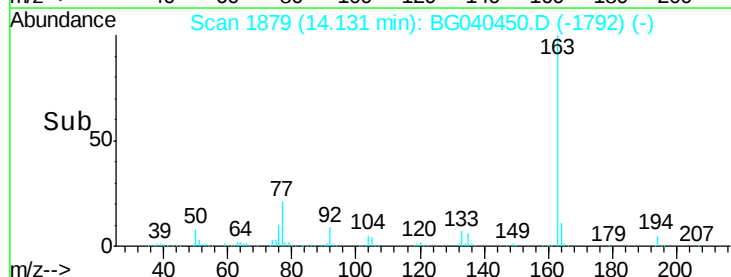
164 10.7 8.6 13.0

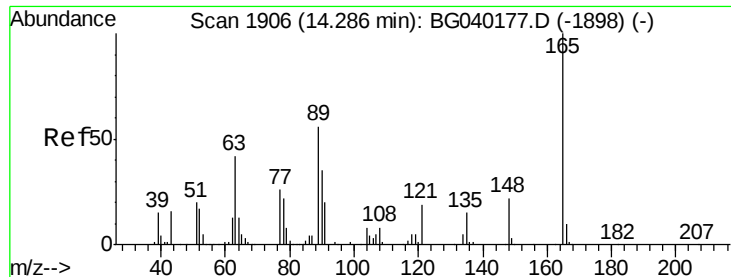


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

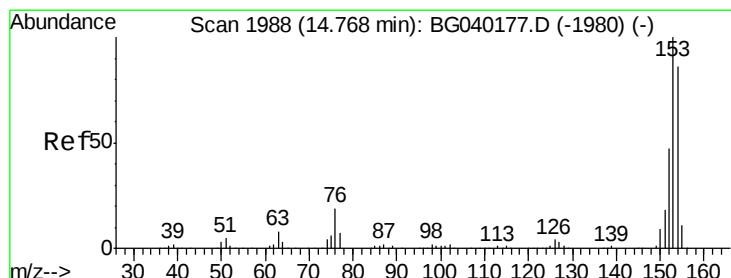
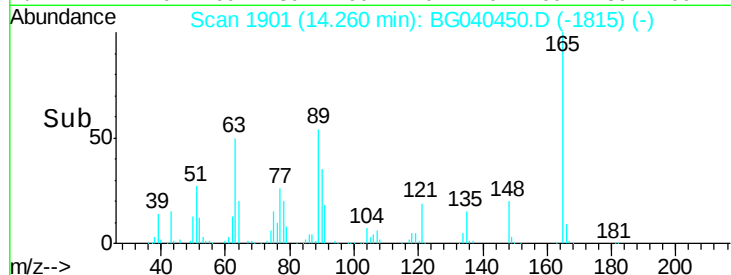
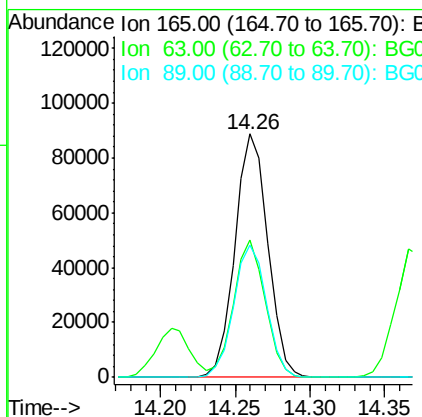
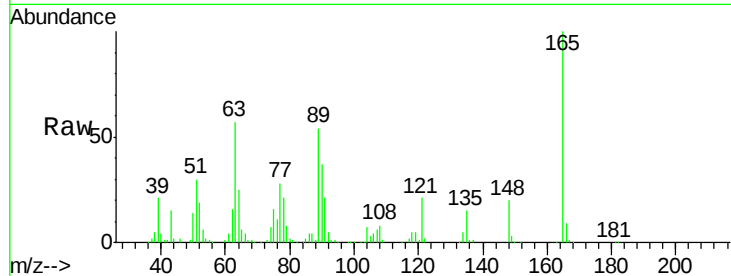




#51  
 2,6-Dinitrotoluene  
 Concen: 44.092 ng  
 RT: 14.26 min Scan# 1901  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

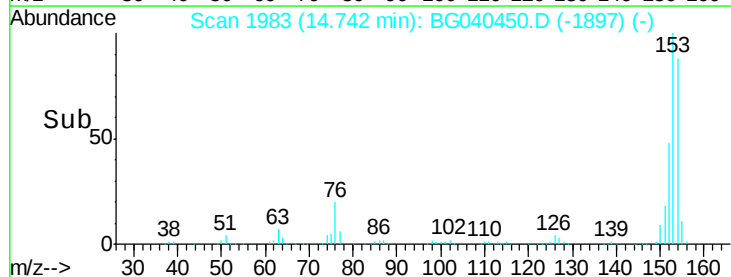
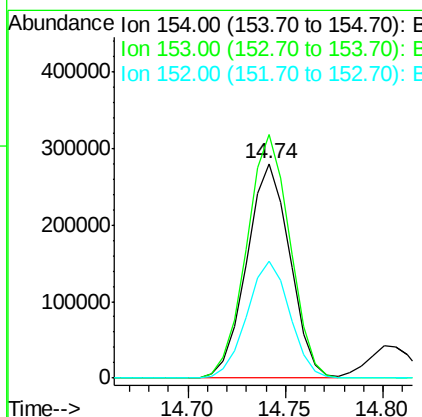
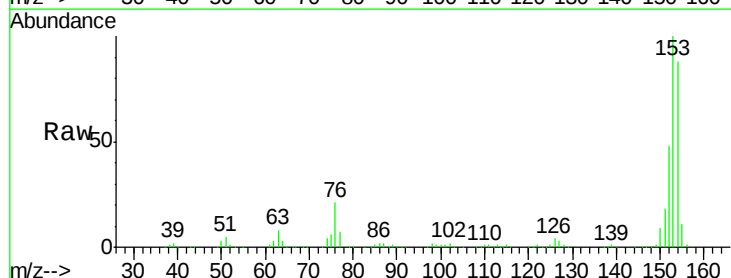
Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.6  | 44.1  | 66.1  |
| 89      | 54.2  | 44.9  | 67.3  |



#52  
 Acenaphthene  
 Concen: 41.677 ng  
 RT: 14.74 min Scan# 1983  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.5 | 92.8  | 139.2 |
| 152     | 54.7  | 43.4  | 65.2  |





#53

3-Nitroaniline

Concen: 33.041 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

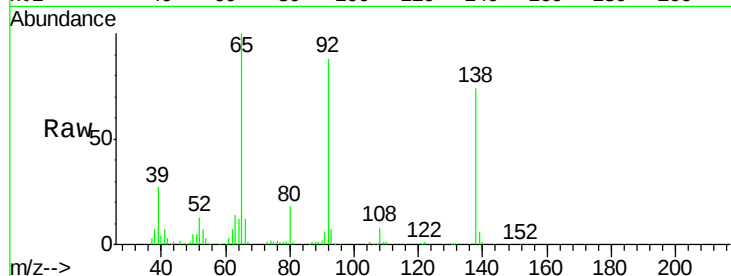
Tot Ion:138 Resp: 107558

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.8

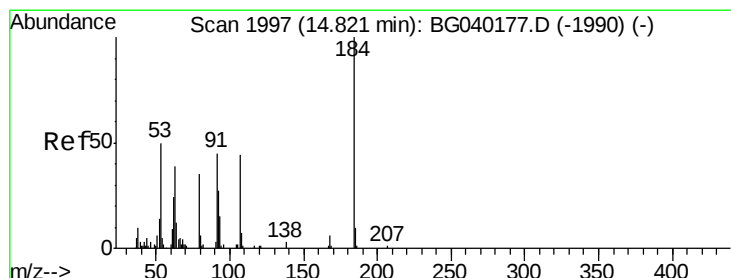
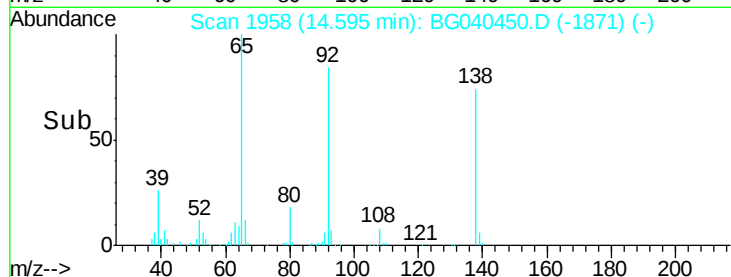
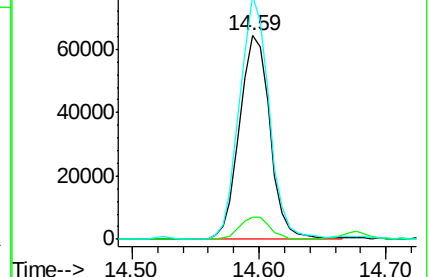
92 119.7 87.5 131.3



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): E



#54

2,4-Dinitrophenol

Concen: 79.655 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

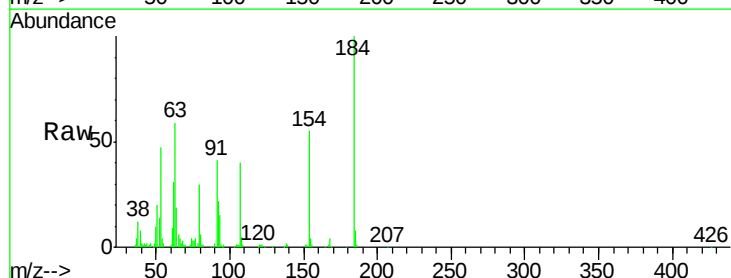
Tgt Ion:184 Resp: 130277

Ion Ratio Lower Upper

184 100

63 58.9 51.8 77.8

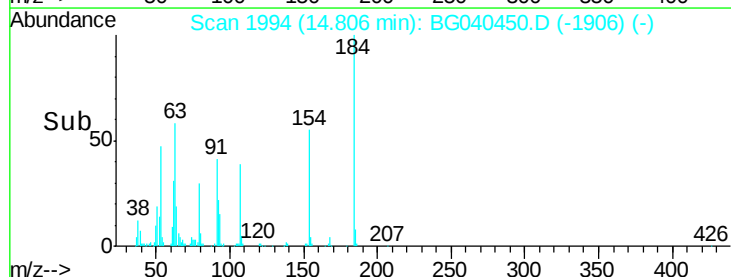
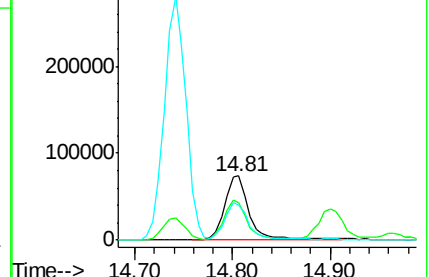
154 54.7 50.9 76.3

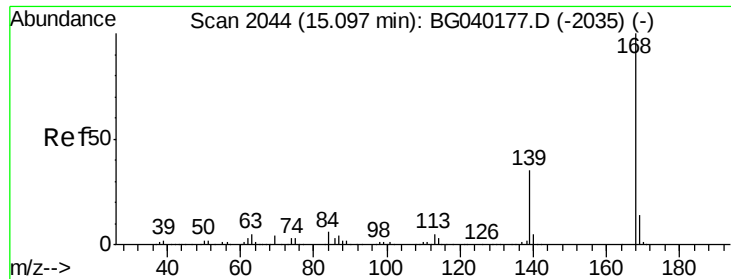


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

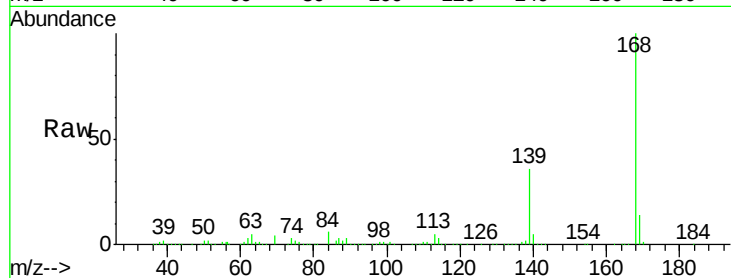




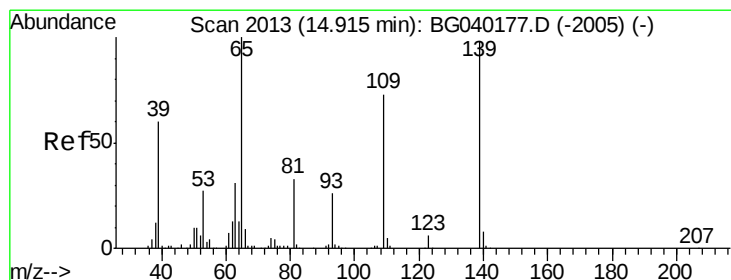
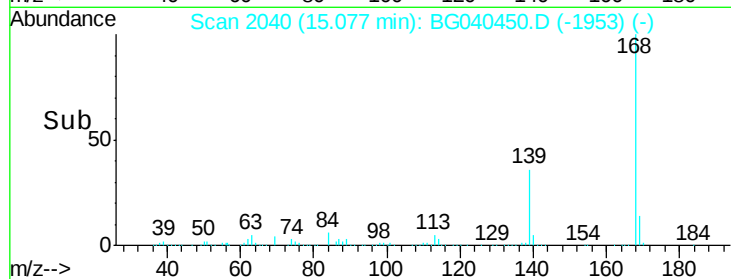
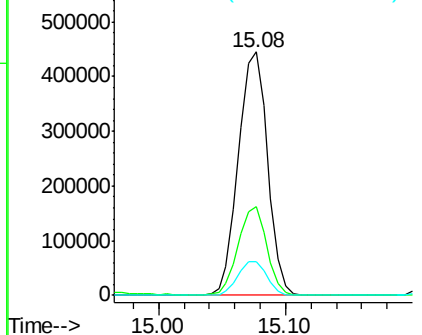
#55  
Dibenzenofuran  
Concen: 42.919 ng  
RT: 15.08 min Scan# 2040  
Delta R.T. -0.02 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.4  | 27.9  | 41.9  |
| 169     | 13.8  | 11.3  | 16.9  |

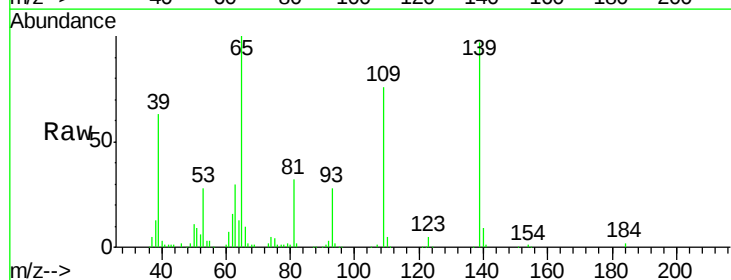


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

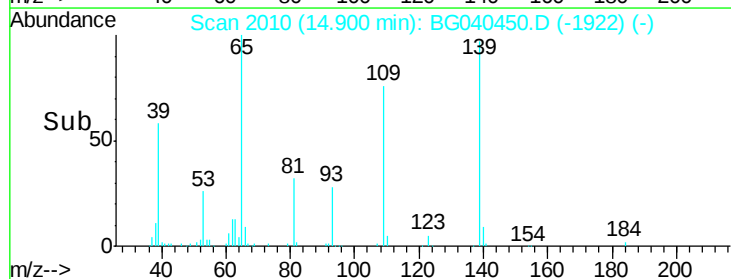
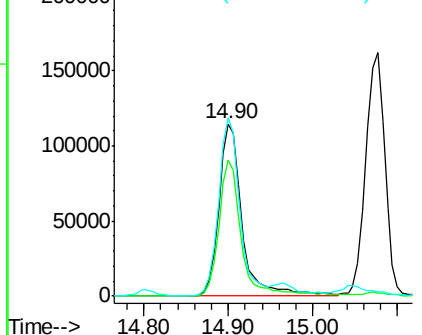


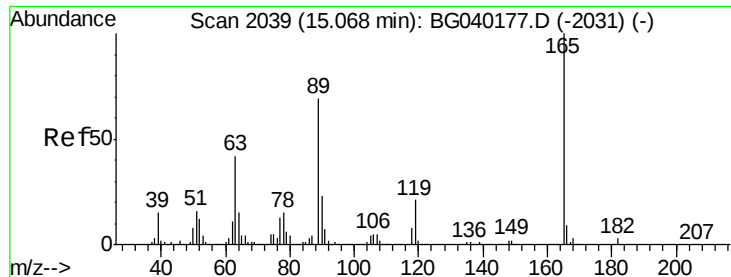
#56  
4-Nitrophenol  
Concen: 83.767 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. -0.01 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 78.6  | 54.3  | 94.3  |
| 65      | 103.5 | 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): BG

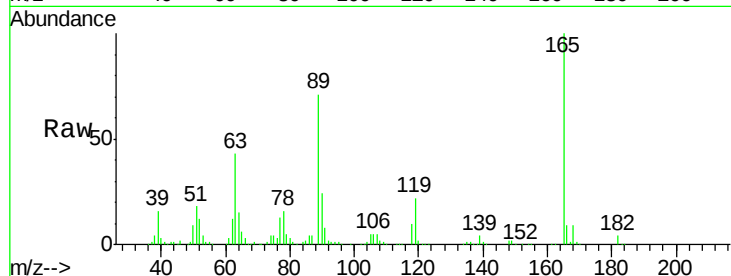




#57  
2,4-Dinitrotoluene  
Concen: 46.157 ng  
RT: 15.05 min Scan# 2035  
Delta R.T. -0.02 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 197236    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 43.4  | 33.8 50.6 |
| 89          | 71.3  | 55.4 83.2 |
| 182         | 3.6   | 2.2 3.4#  |

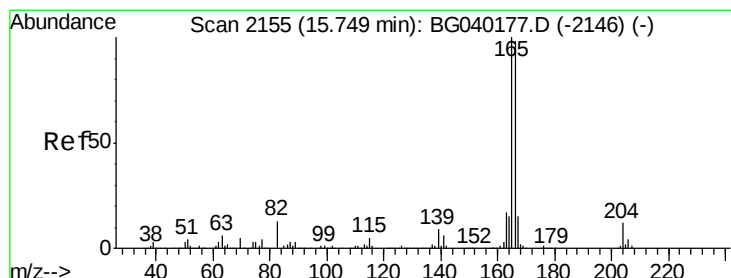
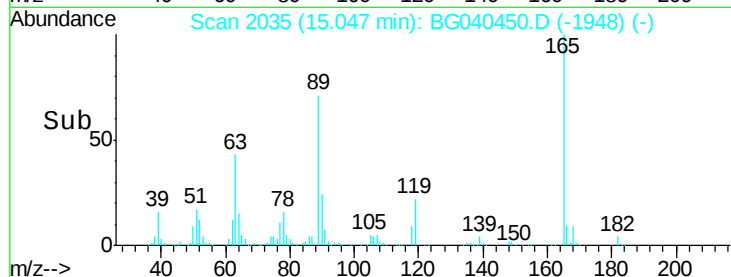
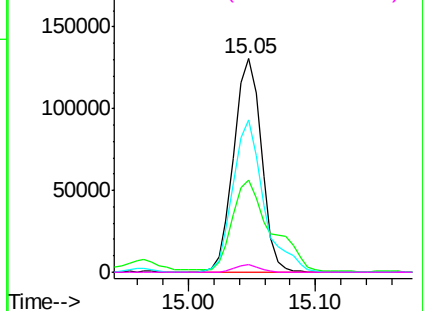


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

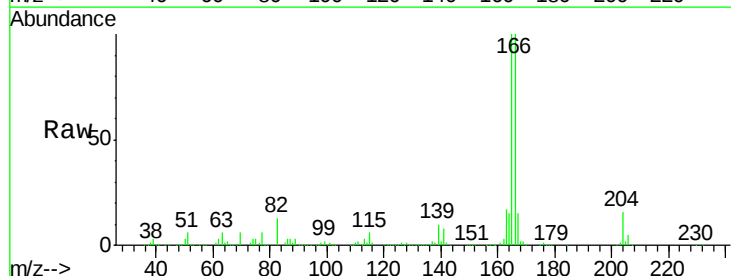
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 42.951 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

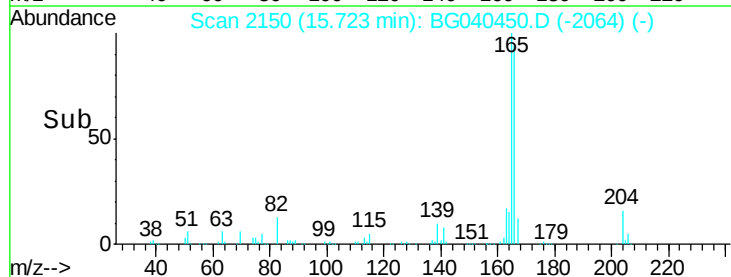
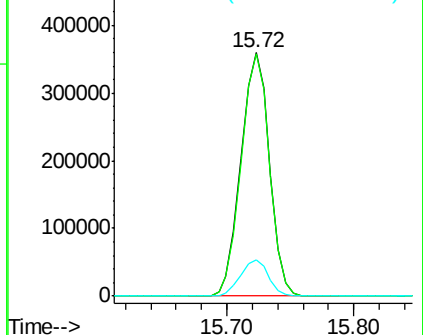
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 559143     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 99.8  | 81.7 122.5 |
| 167         | 14.7  | 11.9 17.9  |



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.223 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:232 Resp: 167498

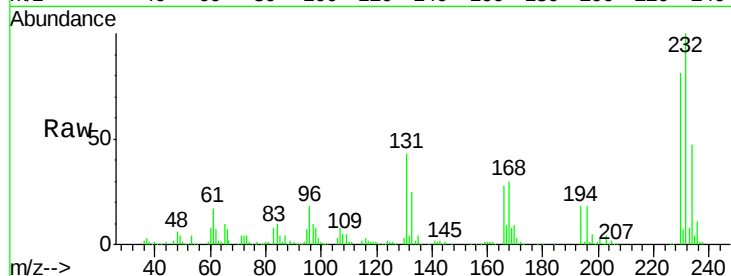
Ion Ratio Lower Upper

232 100

131 42.4 32.9 49.3

130 2.5 1.8 2.8

166 29.3 23.5 35.3

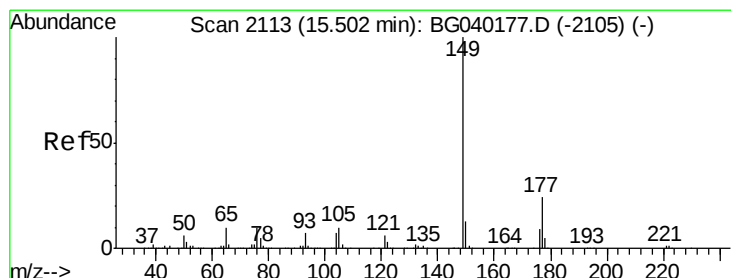
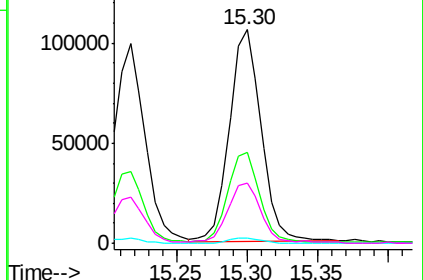
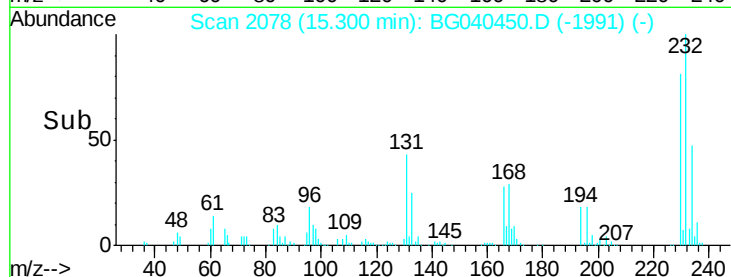


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 44.594 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

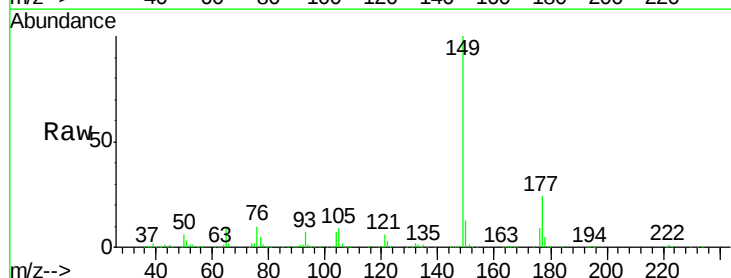
Tgt Ion:149 Resp: 624991

Ion Ratio Lower Upper

149 100

177 24.0 19.1 28.7

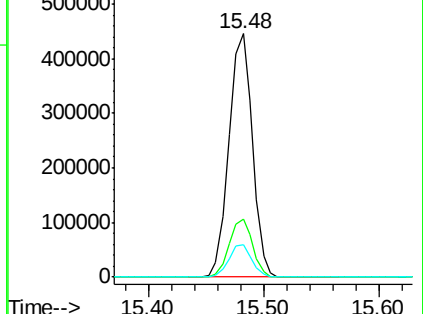
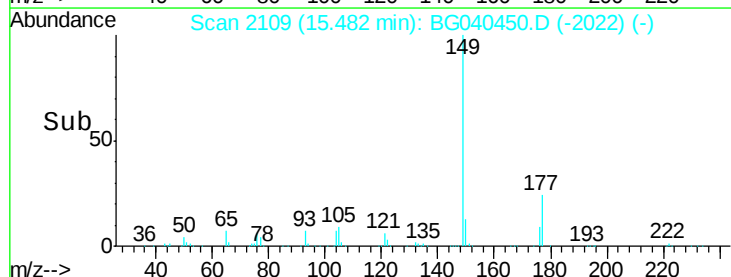
150 13.1 10.6 15.8

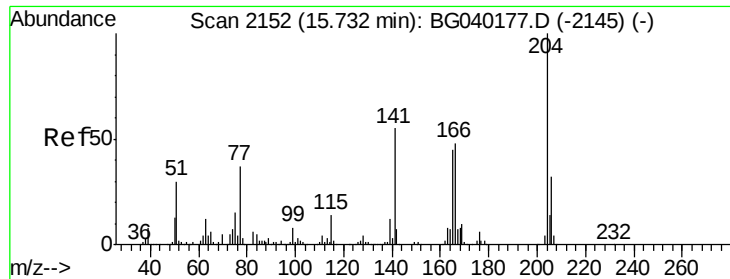


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

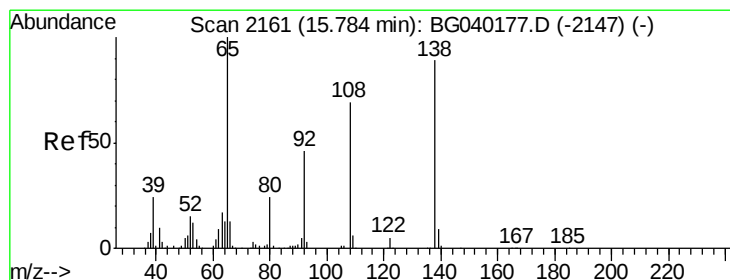
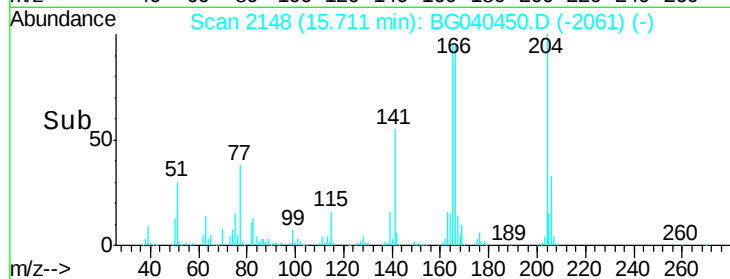
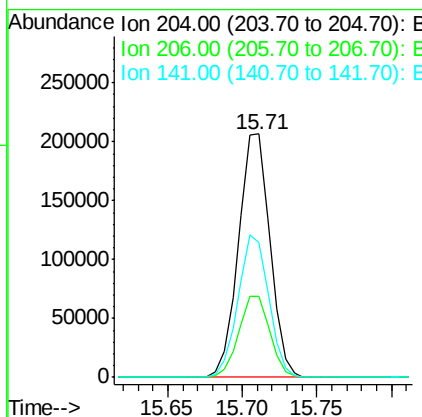
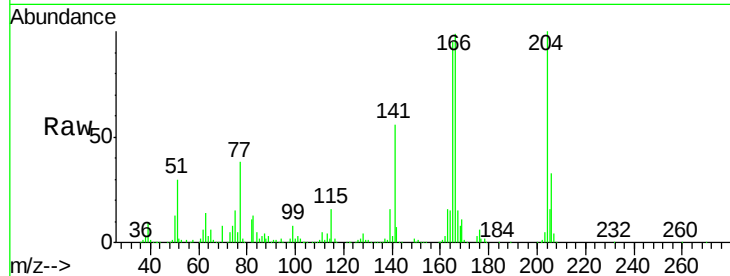




#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.434 ng  
 RT: 15.71 min Scan# 2148  
 Delta R.T. -0.02 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

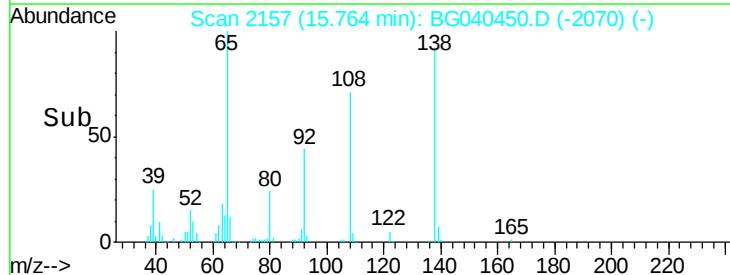
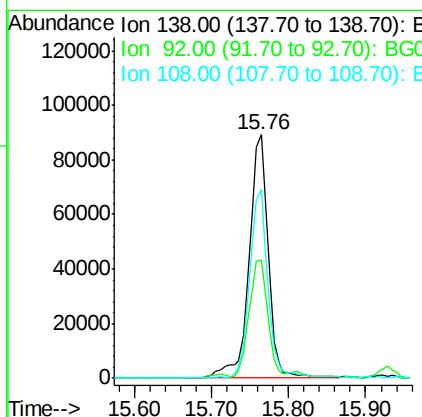
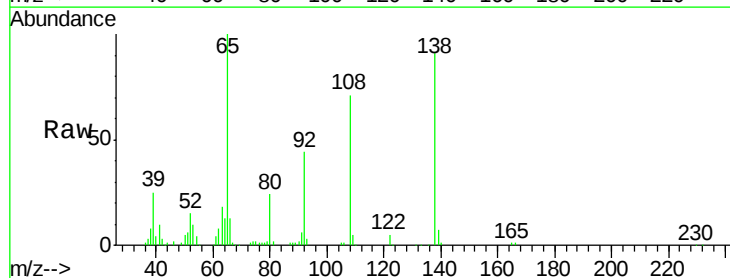
Instrument :  
 BNA\_G  
 ClientSampled :

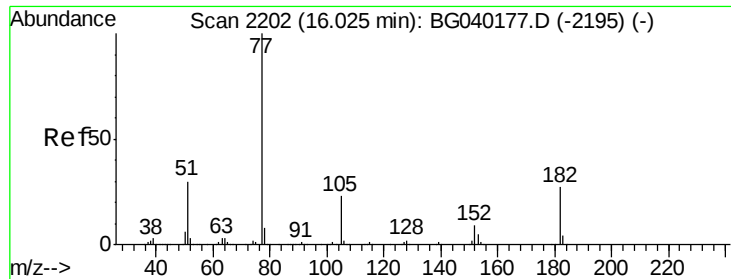
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.5  | 25.7  | 38.5  |
| 141     | 55.6  | 44.0  | 66.0  |



#62  
 4-Nitroaniline  
 Concen: 44.879 ng  
 RT: 15.76 min Scan# 2157  
 Delta R.T. -0.02 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.6  | 31.8  | 71.8  |
| 108     | 77.7  | 57.2  | 97.2  |





#63

Azobenzene

Concen: 44.080 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 582734

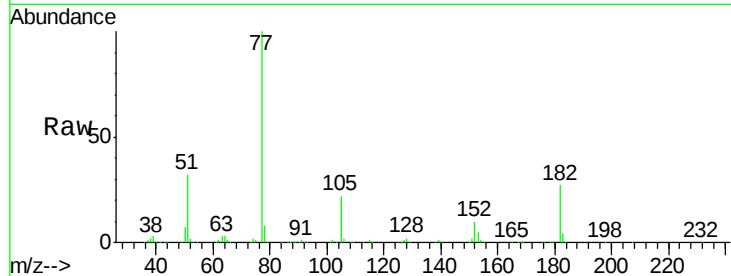
Ion Ratio Lower Upper

77 100

182 26.8 7.2 47.2

105 22.0 2.8 42.8

51 31.7 10.4 50.4

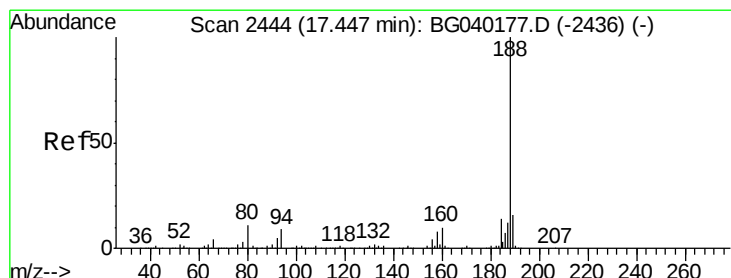
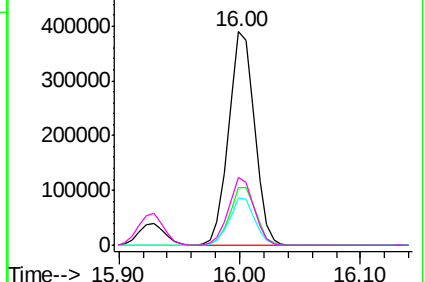
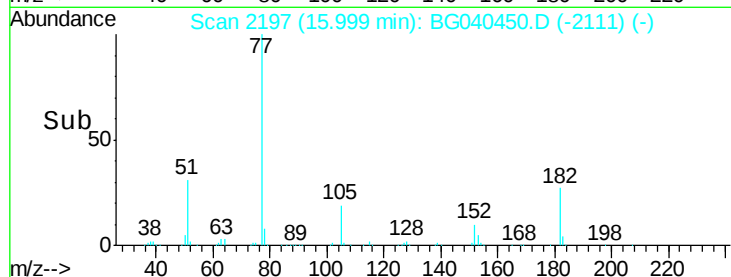


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG040450.D

Acq: 11 Apr 2019 20:49

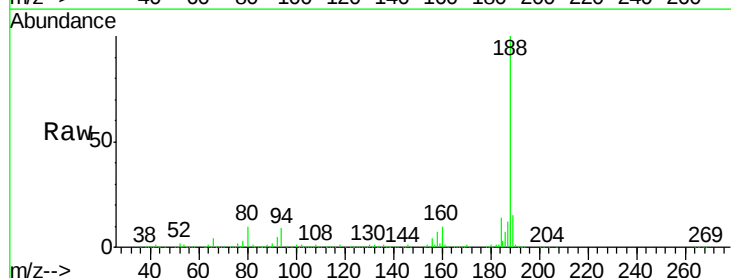
Tgt Ion: 188 Resp: 446356

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

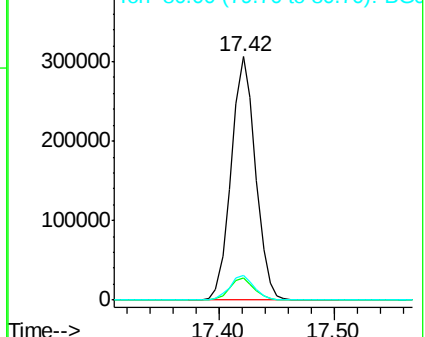
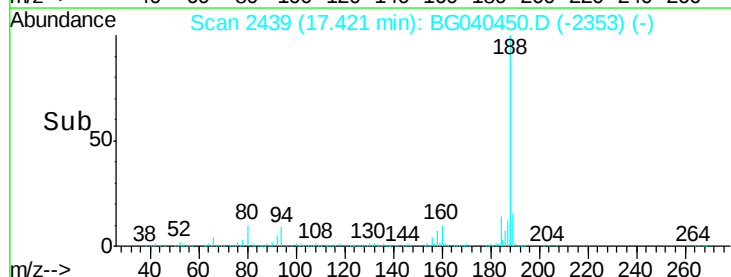
80 10.1 8.6 13.0



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: 42.541 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampled :

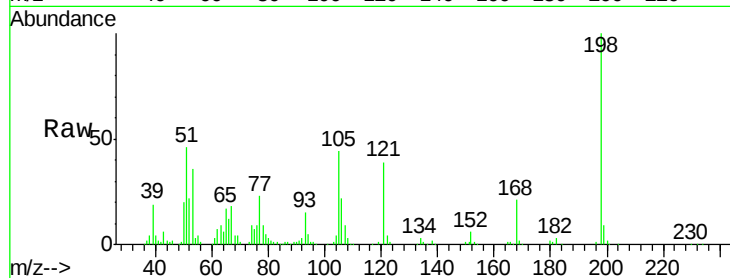
Tot Ion:198 Resp: 106680

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 46.1  | 27.3  | 67.3  |
| 105 | 44.3  | 21.7  | 61.7  |

198 100

51 46.1 27.3 67.3

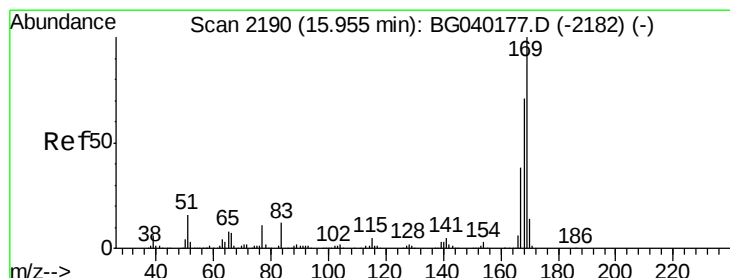
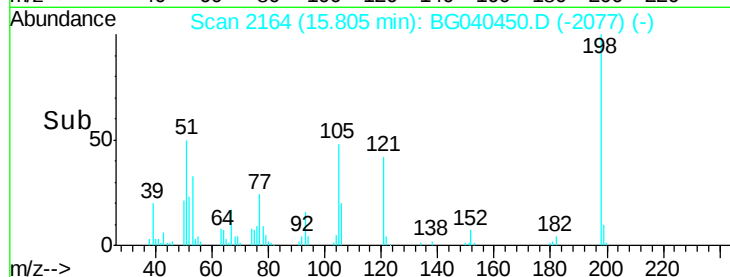
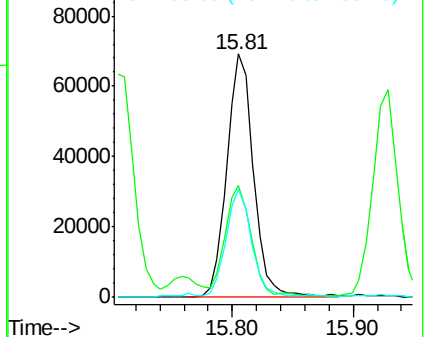
105 44.3 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.236 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

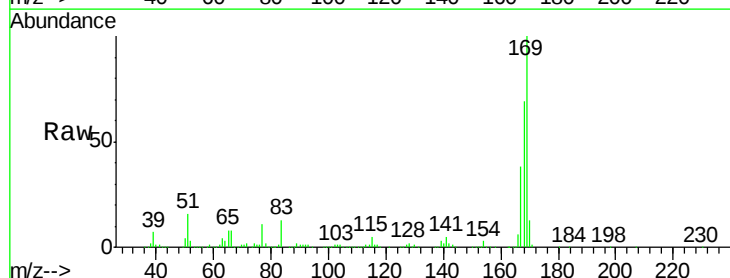
Tgt Ion:169 Resp: 538613

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 68.7  | 56.8  | 85.2  |
| 167 | 37.5  | 30.2  | 45.4  |

169 100

168 68.7 56.8 85.2

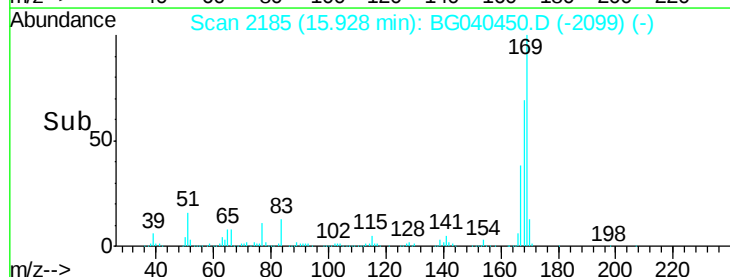
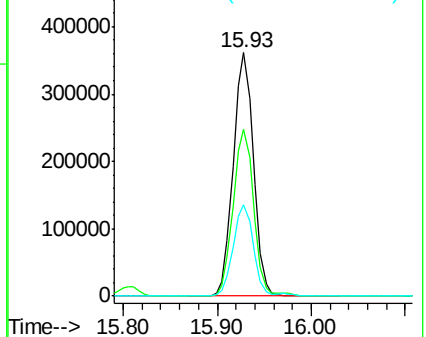
167 37.5 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

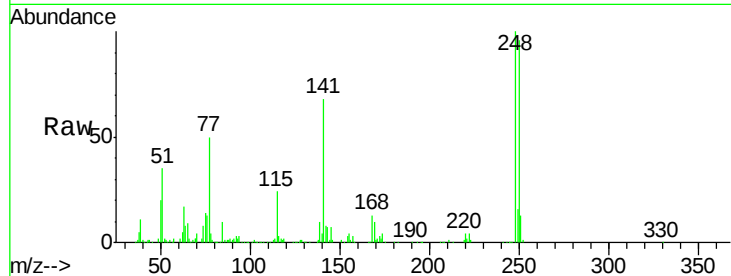




#67  
4-Bromophenyl-phenylether  
Concen: 40.036 ng  
RT: 16.60 min Scan# 2300  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.6  | 76.4  | 114.6 |
| 141     | 67.9  | 53.8  | 80.8  |

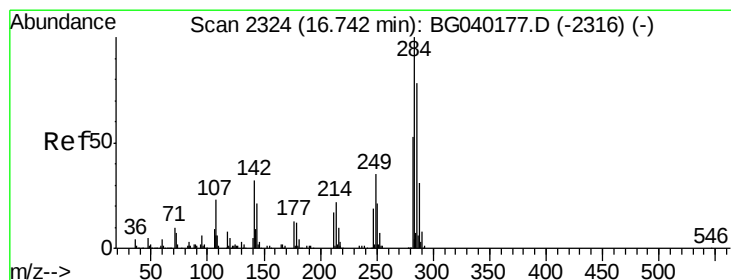
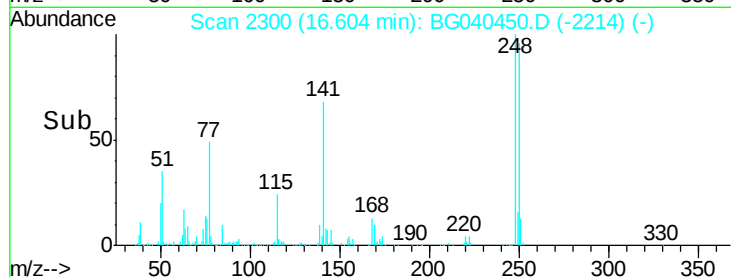
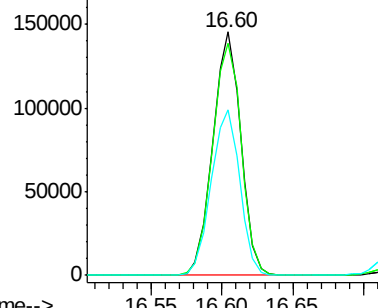


Abundance

Ion 248.00 (247.70 to 248.70): E

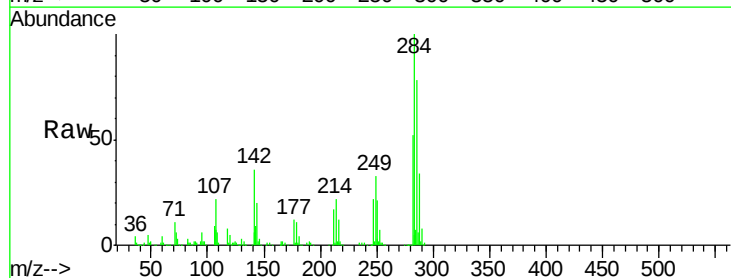
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 40.369 ng  
RT: 16.72 min Scan# 2319  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.3  | 25.3  | 37.9  |
| 249     | 32.7  | 28.2  | 42.2  |

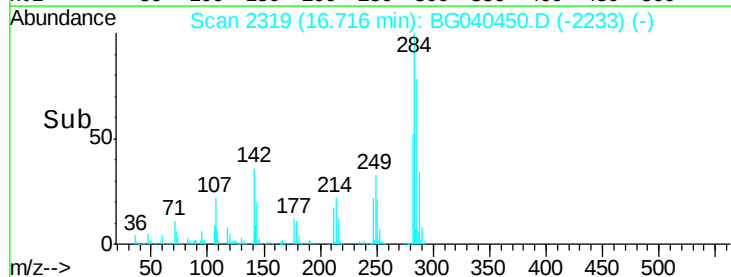
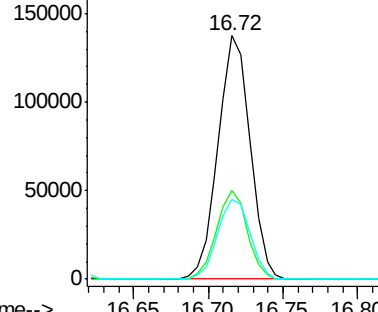


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.506 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampled :

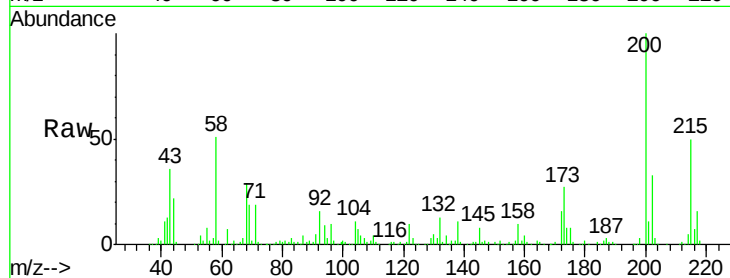
Tot Ion:200 Resp: 201669

Ion Ratio Lower Upper

200 100

173 26.8 7.1 47.1

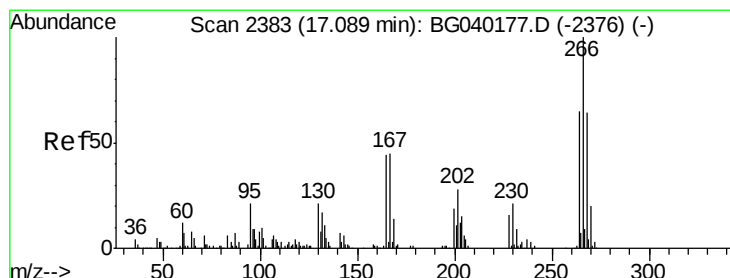
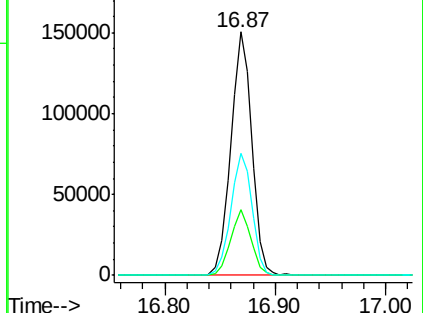
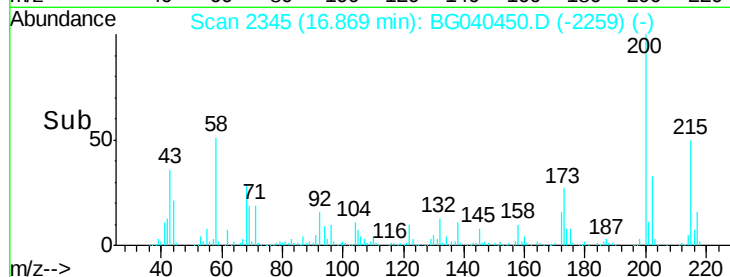
215 49.9 30.9 70.9



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



#70

Pentachlorophenol

Concen: 74.432 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

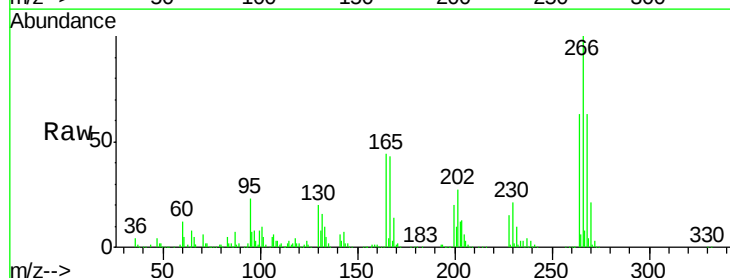
Tgt Ion:266 Resp: 217331

Ion Ratio Lower Upper

266 100

268 63.5 55.0 82.4

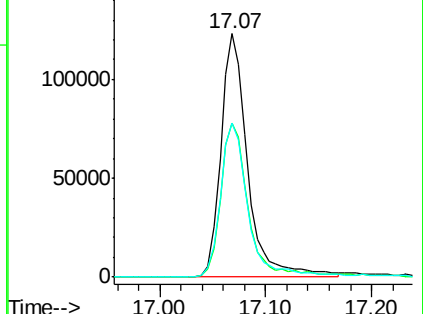
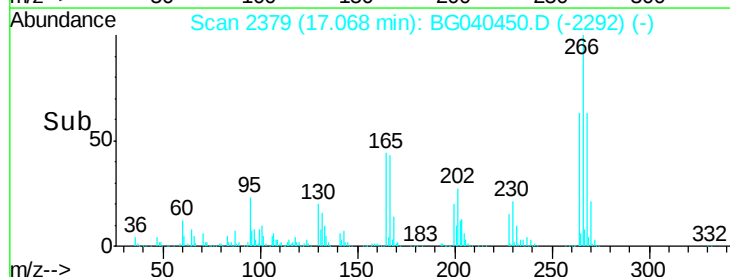
264 63.3 51.8 77.8

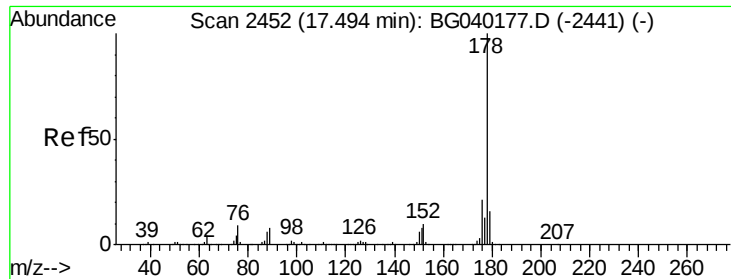


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

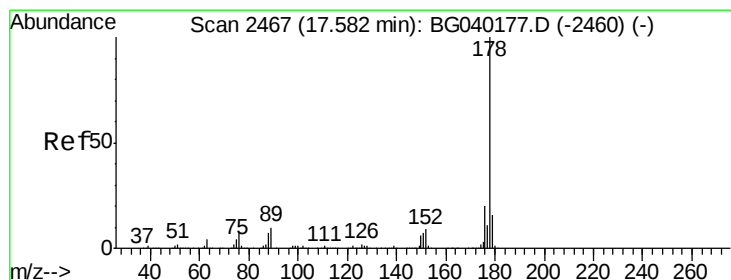
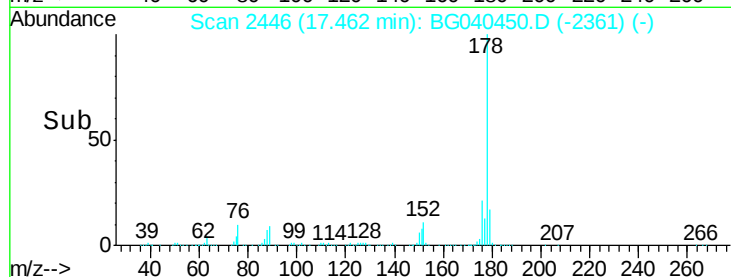
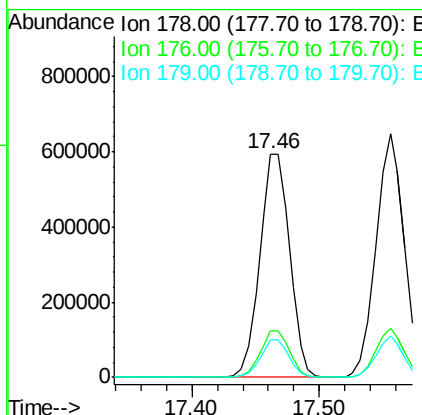
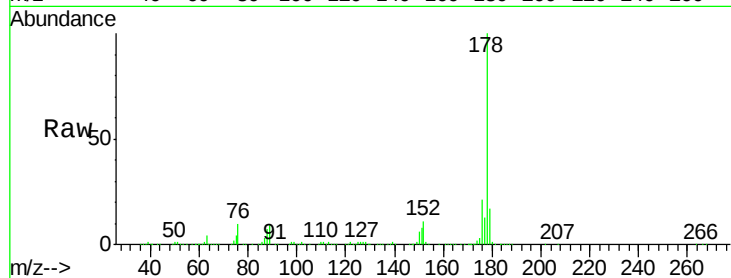




#71  
Phenanthrene  
Concen: 41.502 ng  
RT: 17.46 min Scan# 2446  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

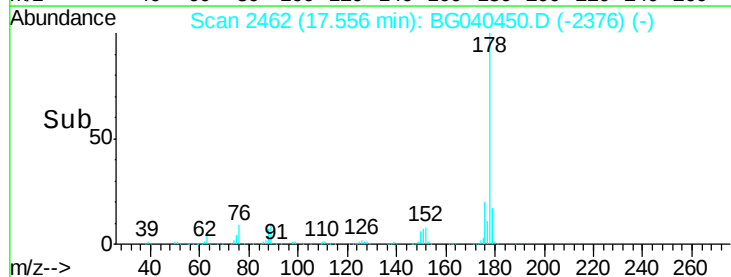
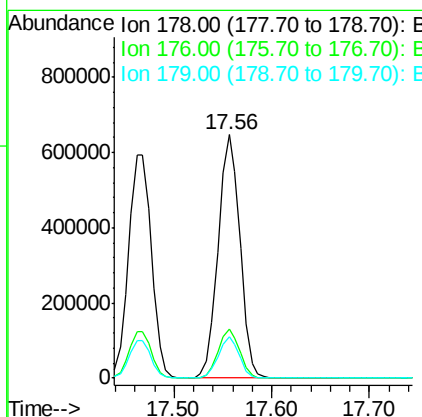
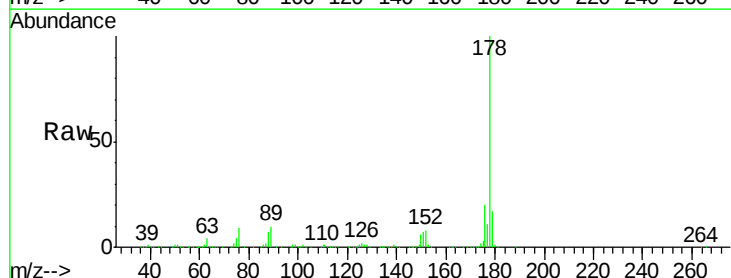
Instrument :  
BNA\_G  
ClientSampleId :

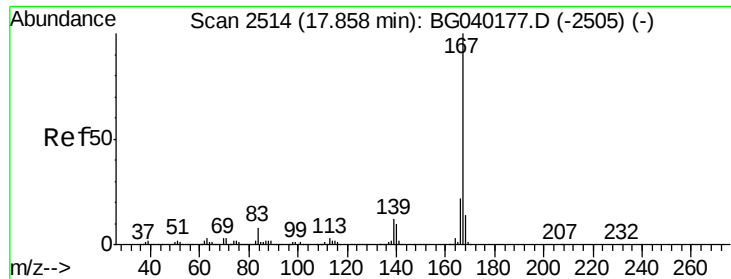
Tot Ion:178 Resp: 973681  
Ion Ratio Lower Upper  
178 100  
176 21.0 16.7 25.1  
179 17.1 12.8 19.2



#72  
Anthracene  
Concen: 42.571 ng  
RT: 17.56 min Scan# 2462  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Tgt Ion:178 Resp: 999679  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.9 23.9  
179 16.8 12.9 19.3

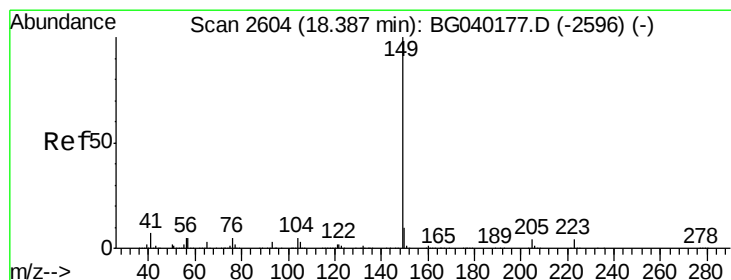
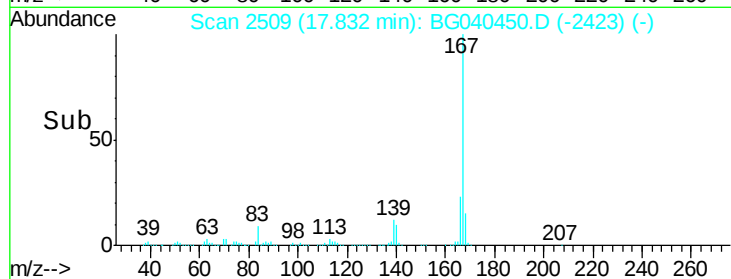
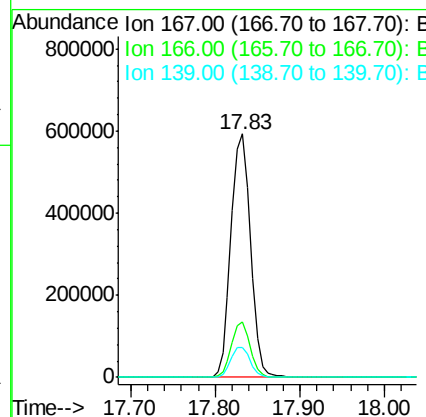
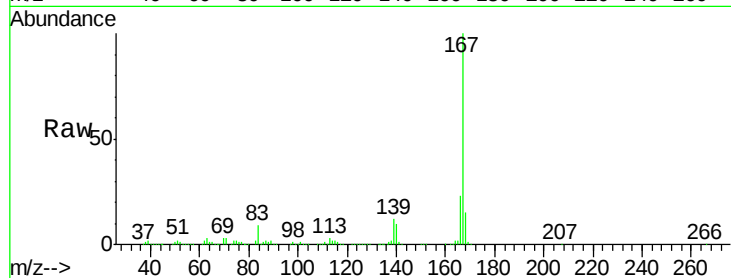




#73  
 Carbazole  
 Concen: 42.662 ng  
 RT: 17.83 min Scan# 2509  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

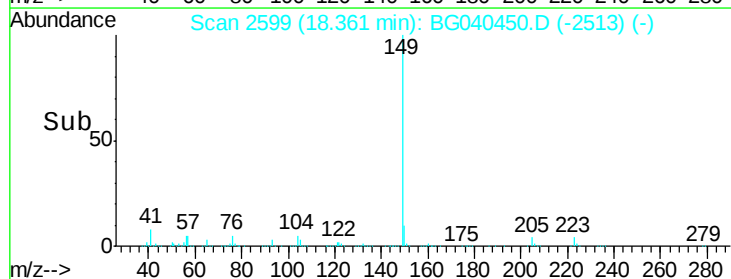
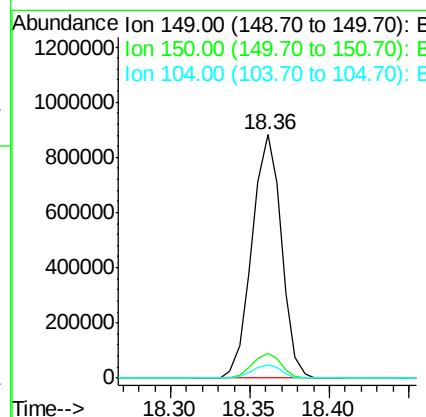
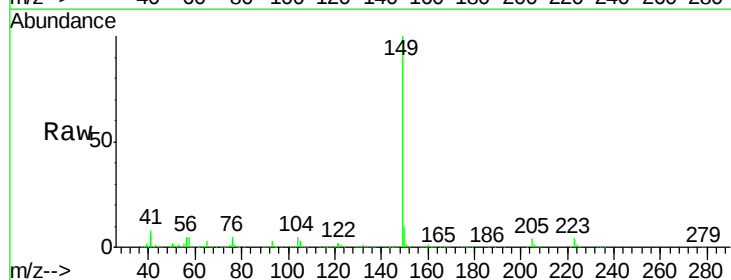
Instrument :  
 BNA\_G  
 ClientSampleId :

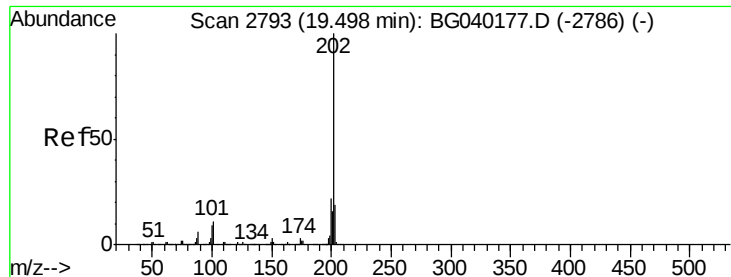
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.0  | 17.5  | 26.3  |
| 139     | 12.3  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 43.138 ng  
 RT: 18.36 min Scan# 2599  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.3  | 7.9   | 11.9  |
| 104     | 5.4   | 4.1   | 6.1   |





#75

Fluoranthene

Concen: 43.710 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

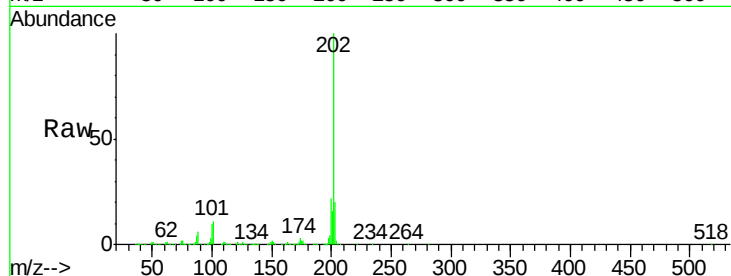
Tot Ion:202 Resp: 1214314

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.8

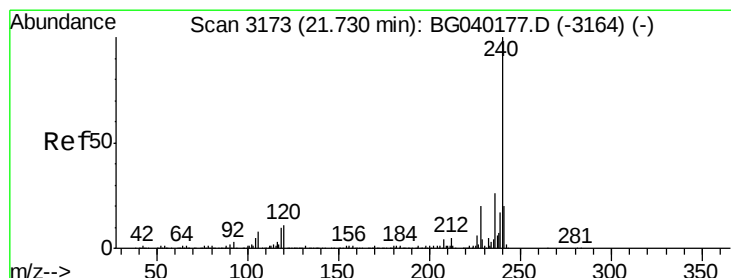
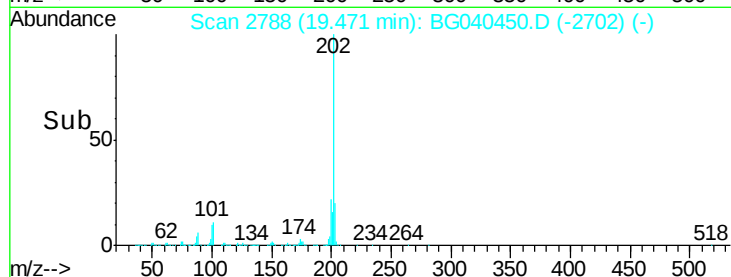
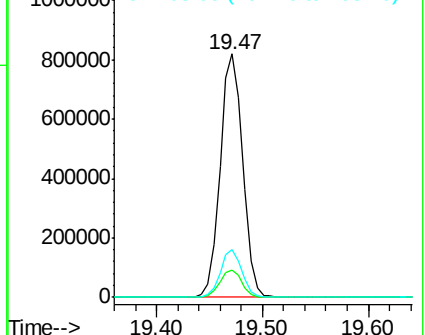
203 19.6 0.0 38.9



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: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

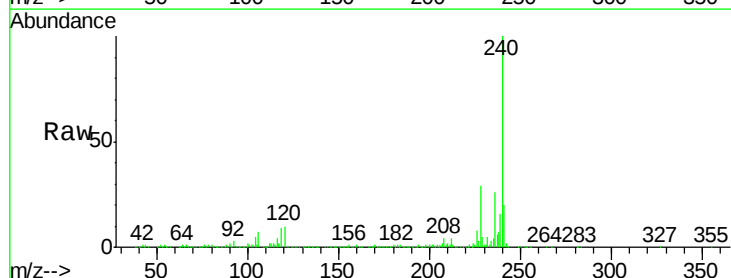
Tgt Ion:240 Resp: 447173

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

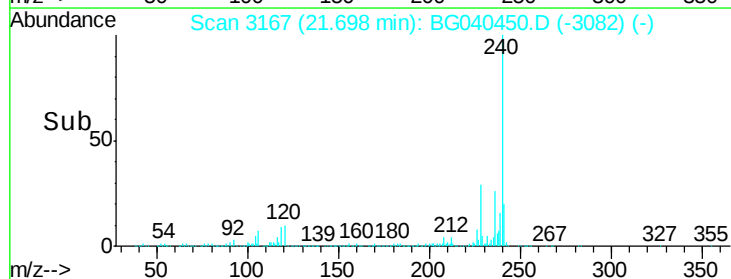
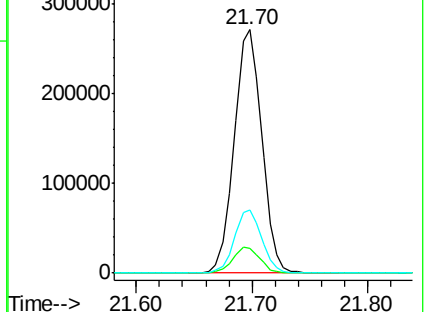
236 25.7 20.8 31.2

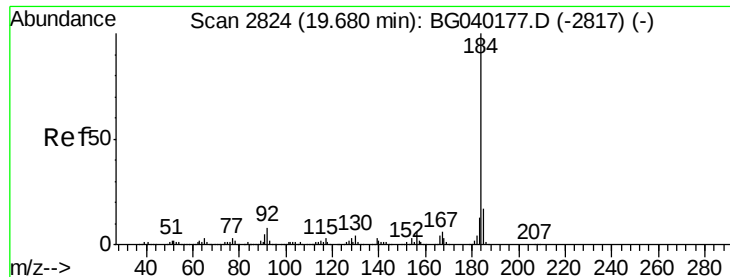


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.455 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

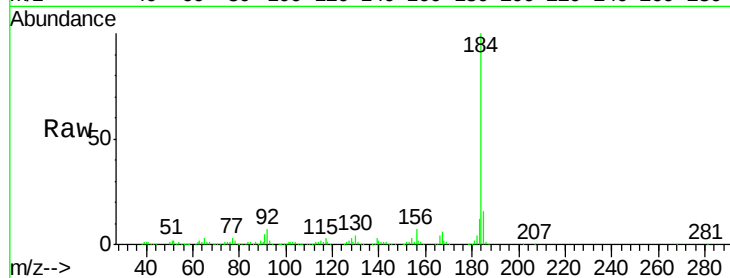
Tot Ion:184 Resp: 411052

Ion Ratio Lower Upper

184 100

185 15.7 13.3 19.9

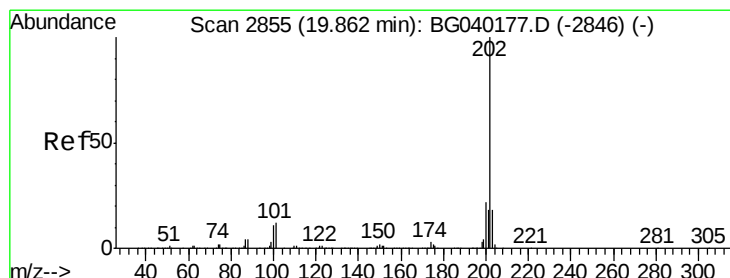
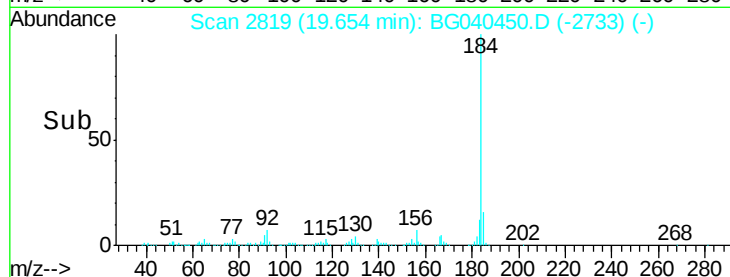
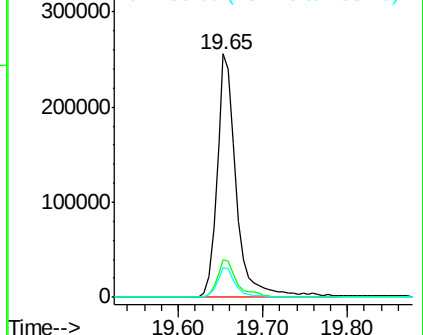
183 12.1 10.3 15.5



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: 40.470 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

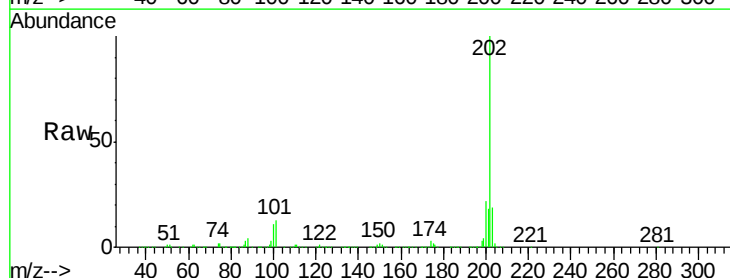
Tgt Ion:202 Resp: 1190079

Ion Ratio Lower Upper

202 100

200 22.2 17.3 25.9

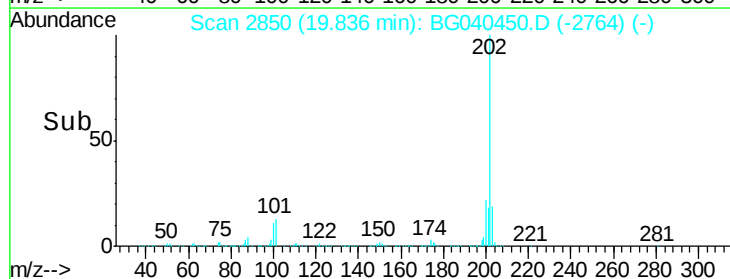
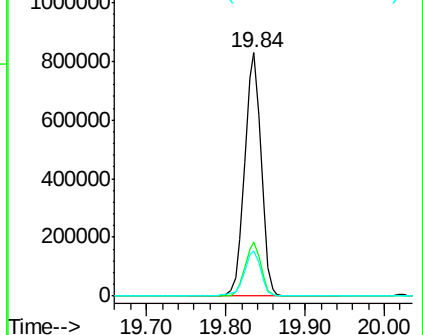
203 18.7 14.6 22.0



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: 73.361 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

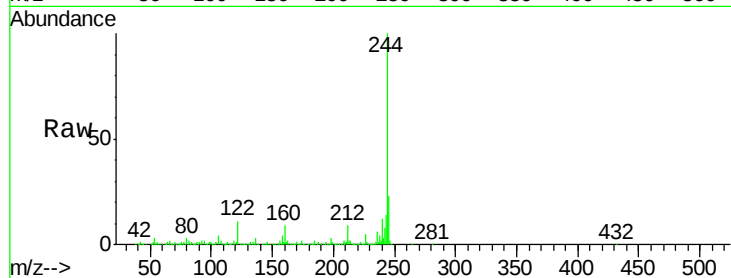
Tot Ion:244 Resp: 1458219

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

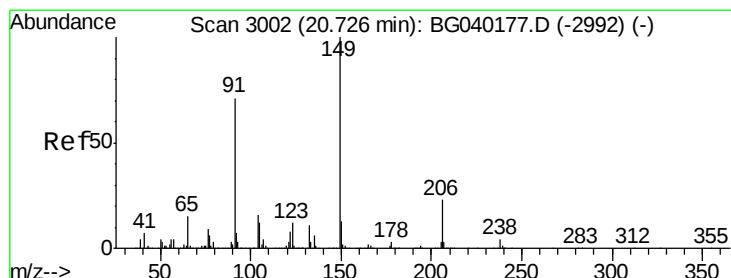
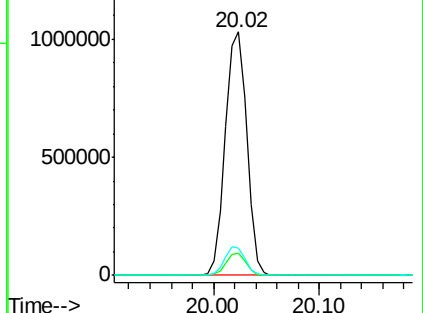
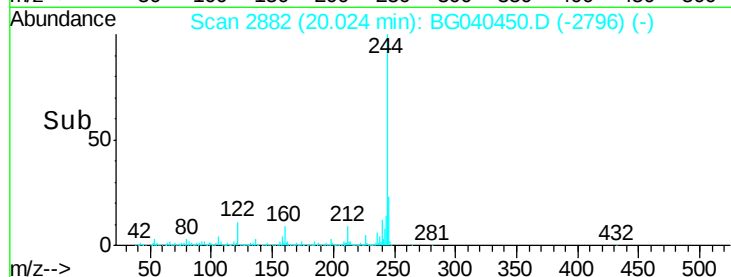
122 11.4 8.5 12.7



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: 43.394 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

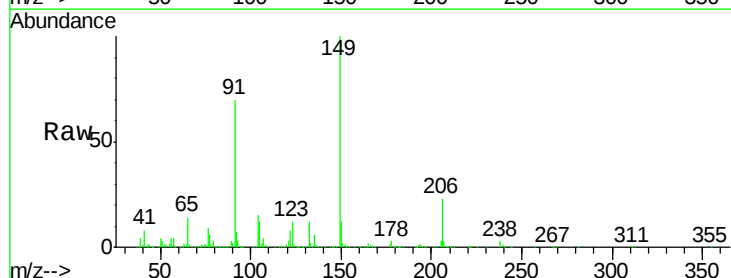
Tgt Ion:149 Resp: 546046

Ion Ratio Lower Upper

149 100

91 69.7 57.0 85.4

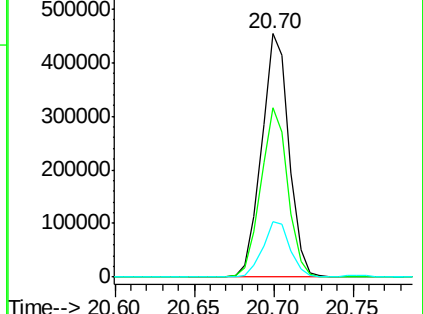
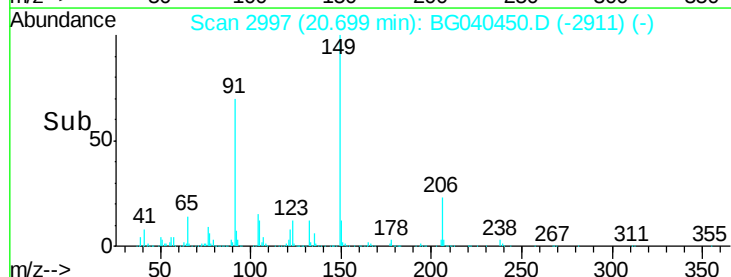
206 22.9 18.2 27.4

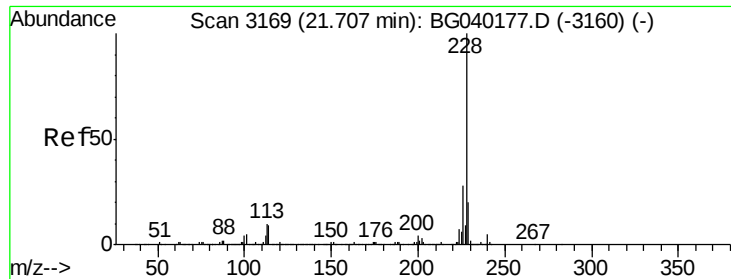


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

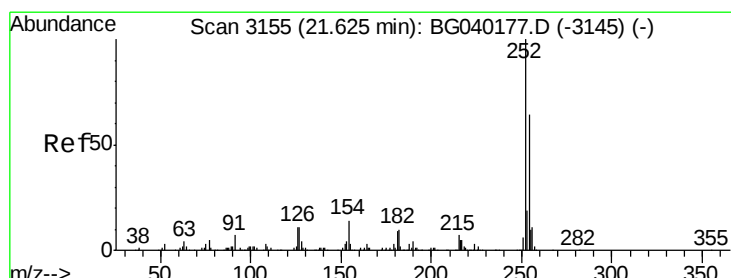
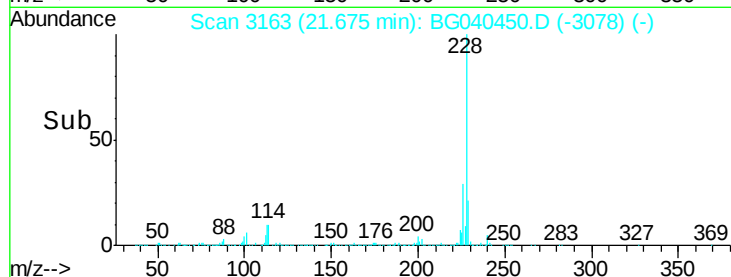
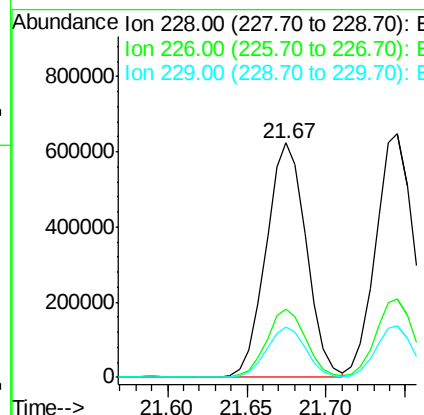
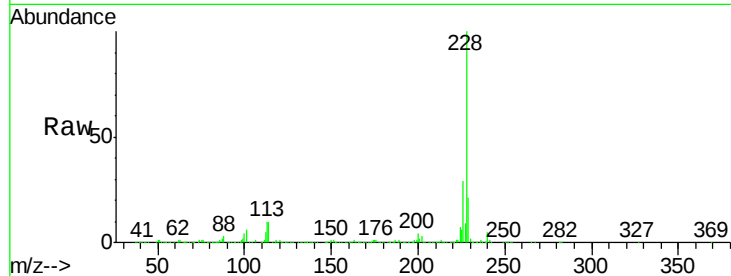




#81  
Benzo(a)anthracene  
Concen: 39.823 ng  
RT: 21.67 min Scan# 3163  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

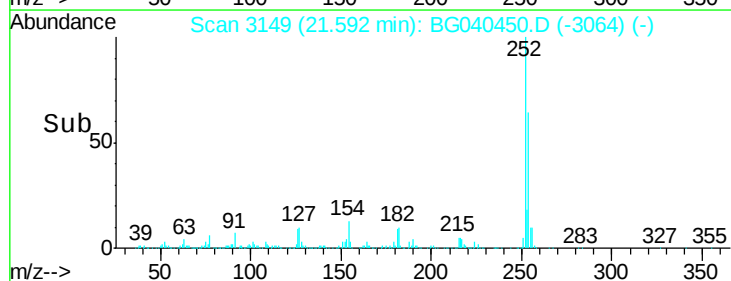
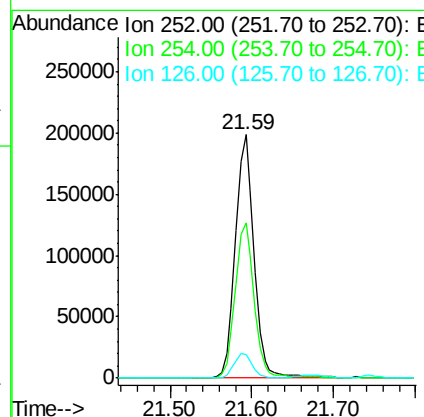
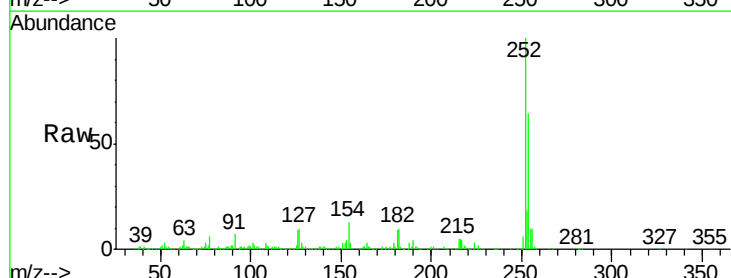
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:228 Resp: 1096876  
Ion Ratio Lower Upper  
228 100  
226 29.3 22.6 34.0  
229 21.2 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 30.355 ng  
RT: 21.59 min Scan# 3149  
Delta R.T. -0.03 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Tgt Ion:252 Resp: 318045  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.4 77.2  
126 9.4 8.5 12.7

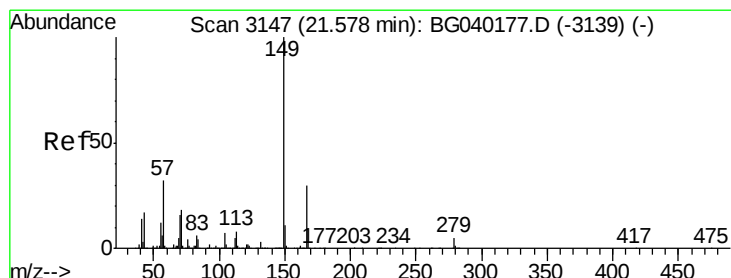
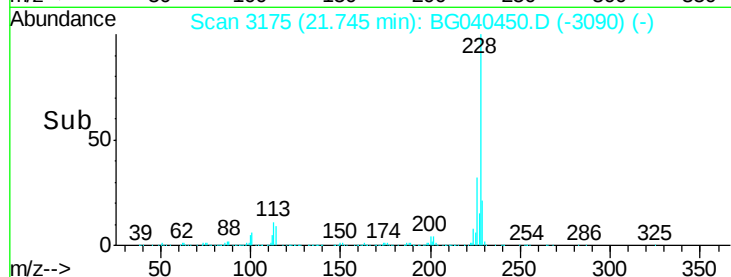
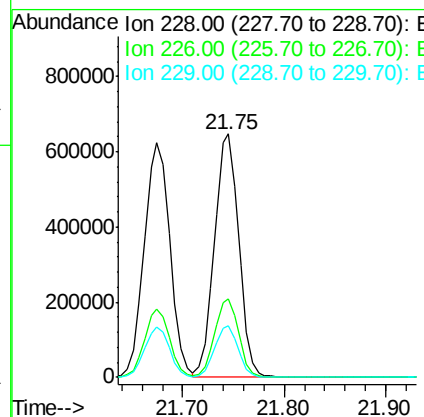
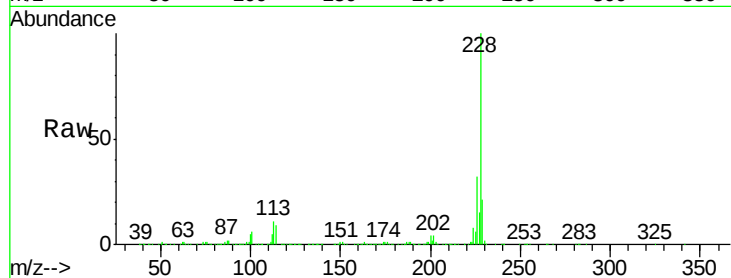




#83  
 Chrvsene  
 Concen: 40.559 ng  
 RT: 21.75 min Scan# 3175  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

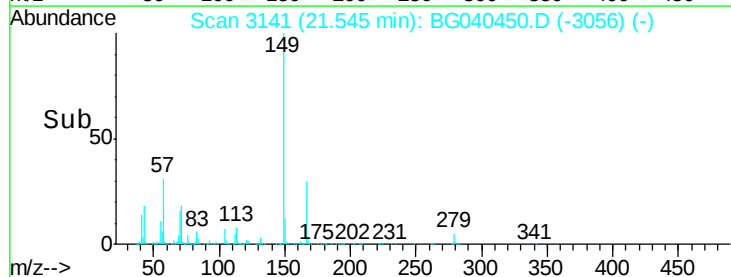
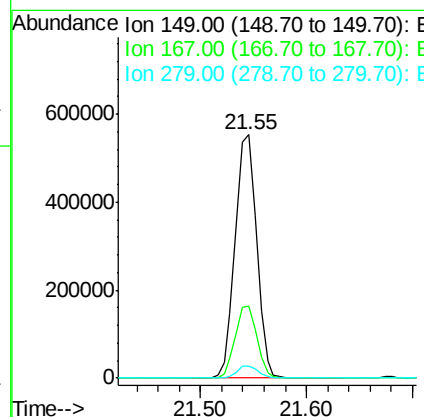
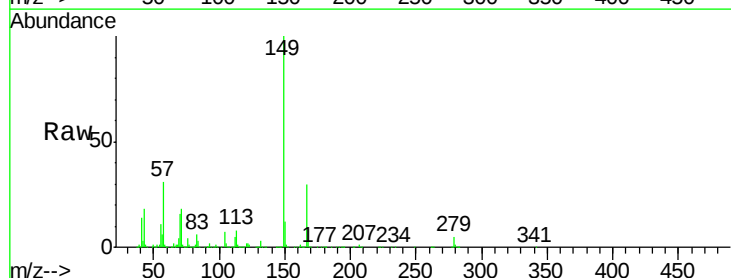
Instrument :  
 BNA\_G  
 ClientSampleId :

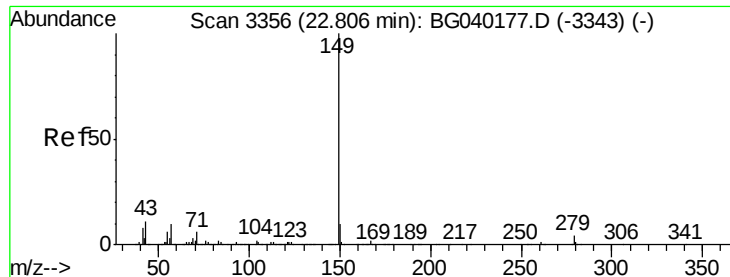
Tot Ion:228 Resp: 1073634  
 Ion Ratio Lower Upper  
 228 100  
 226 32.1 25.4 38.0  
 229 21.3 17.0 25.4



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.150 ng  
 RT: 21.55 min Scan# 3141  
 Delta R.T. -0.03 min  
 Lab File: BG040450.D  
 Acq: 11 Apr 2019 20:49

Tgt Ion:149 Resp: 776165  
 Ion Ratio Lower Upper  
 149 100  
 167 29.7 24.1 36.1  
 279 5.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 42.712 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

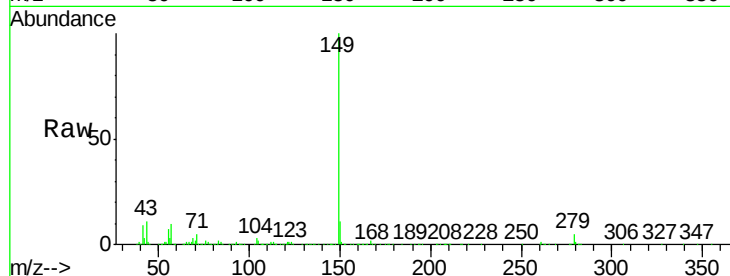
Tot Ion:149 Resp: 1308989

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

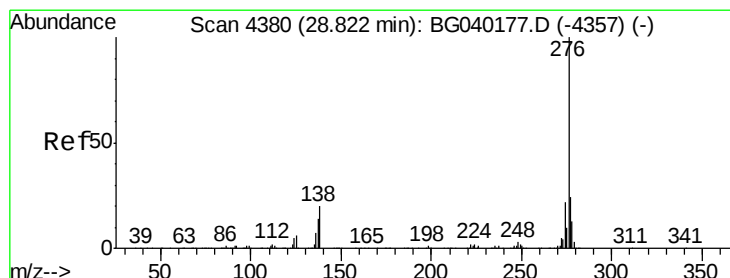
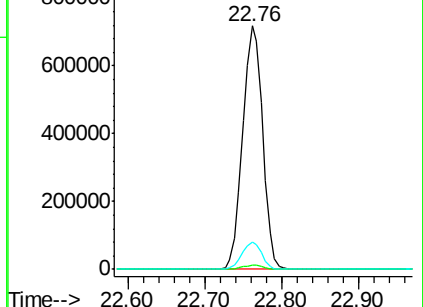
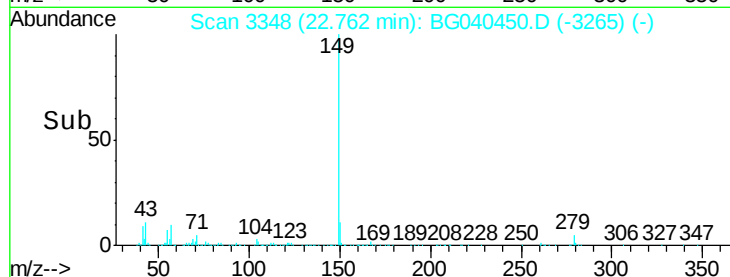
43 10.9 8.7 13.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.687 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.09 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

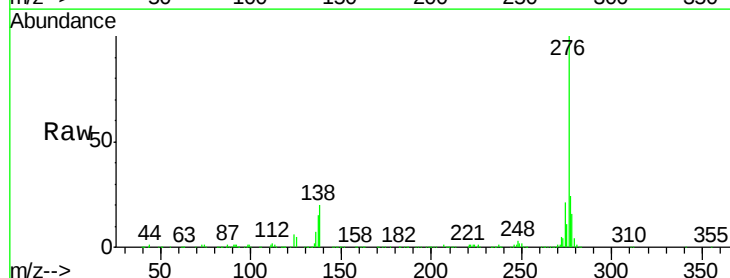
Tgt Ion:276 Resp: 1317263

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

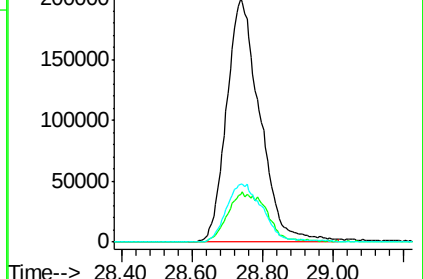
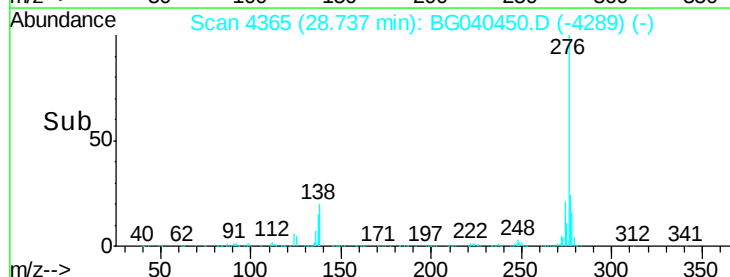
277 25.5 21.0 31.4

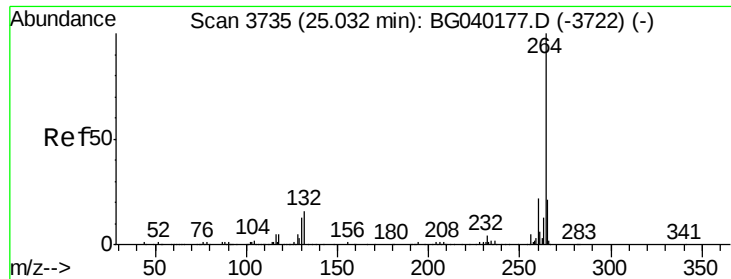


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

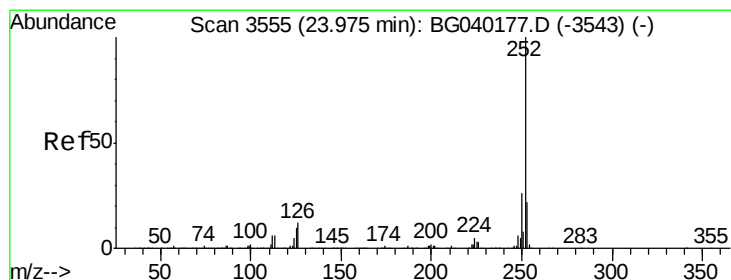
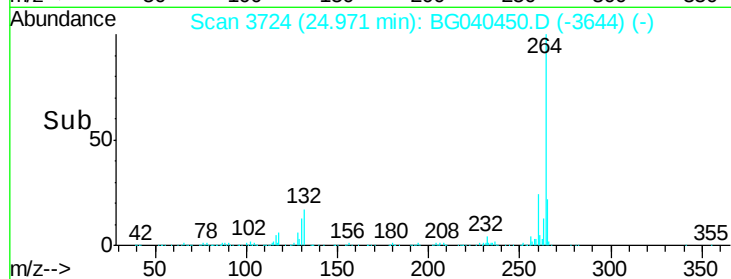
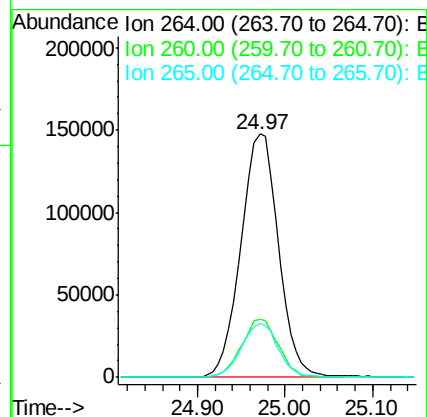
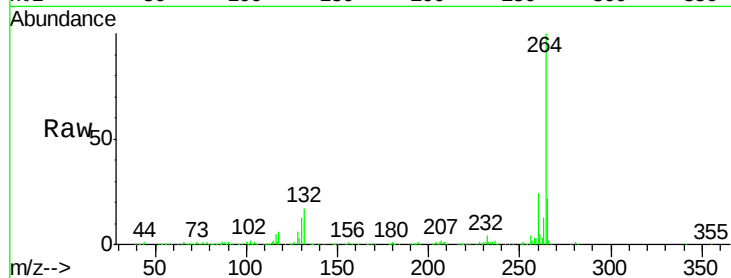




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.97 min Scan# 3724  
Delta R.T. -0.06 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

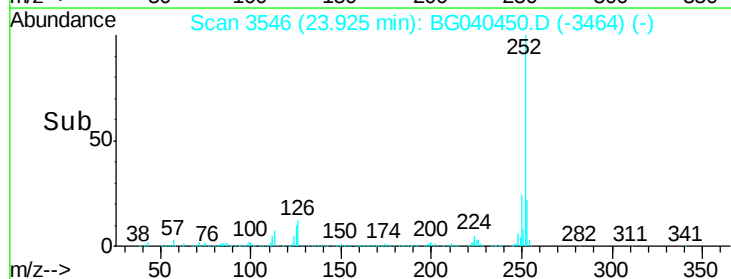
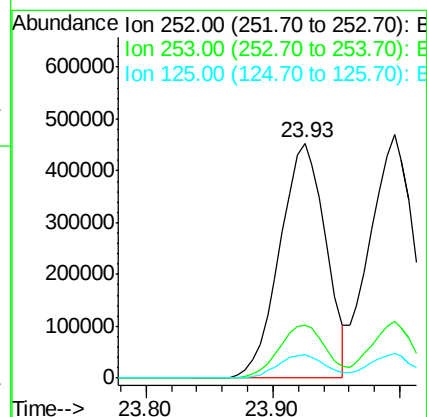
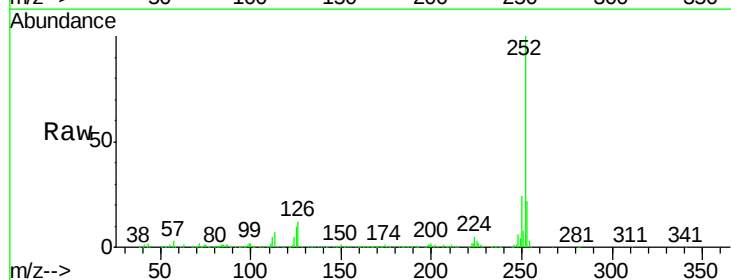
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:264 Resp: 431551  
Ion Ratio Lower Upper  
264 100  
260 23.7 17.9 26.9  
265 22.0 16.8 25.2



#88  
Benzo(b)fluoranthene  
Concen: 43.180 ng  
RT: 23.93 min Scan# 3546  
Delta R.T. -0.05 min  
Lab File: BG040450.D  
Acq: 11 Apr 2019 20:49

Tgt Ion:252 Resp: 1140869  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.6 26.4  
125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 45.637 ng

RT: 24.00 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA\_G

ClientSampleId :

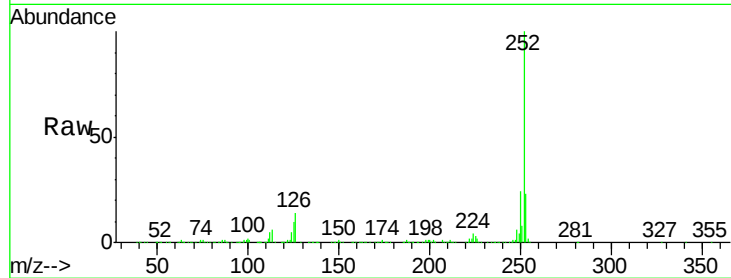
Tot Ion:252 Resp: 1108856

Ion Ratio Lower Upper

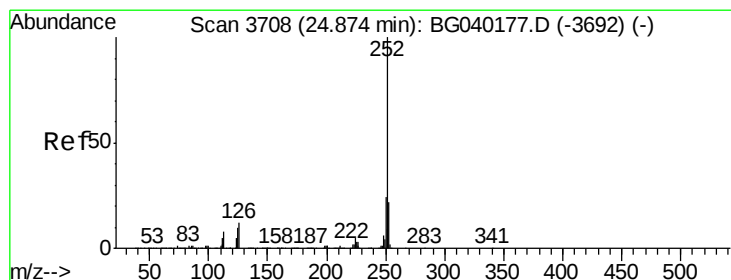
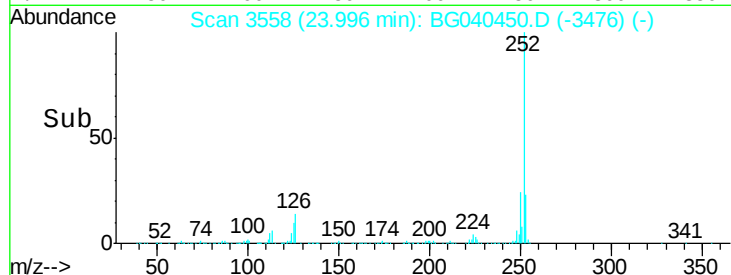
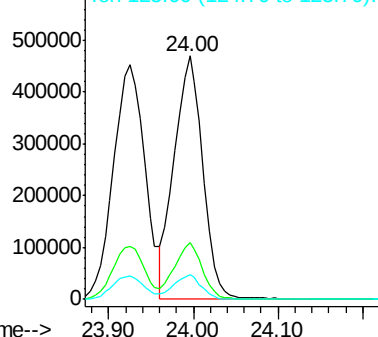
252 100

253 23.2 18.6 28.0

125 10.2 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: 45.750 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.05 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

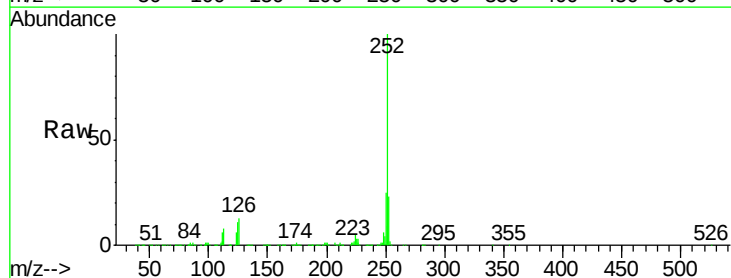
Tgt Ion:252 Resp: 1134149

Ion Ratio Lower Upper

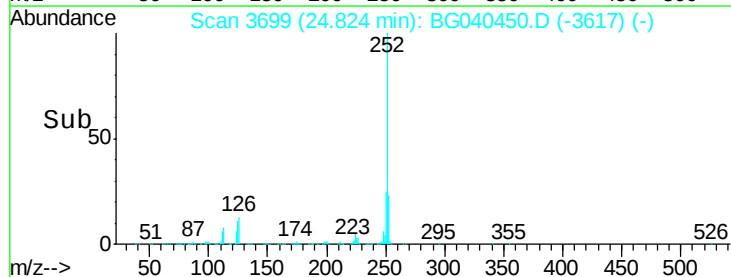
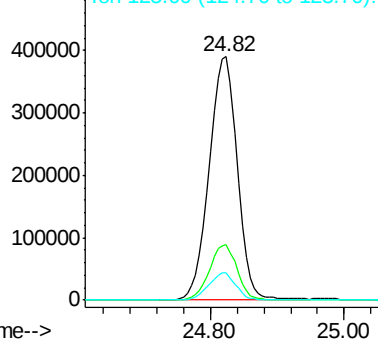
252 100

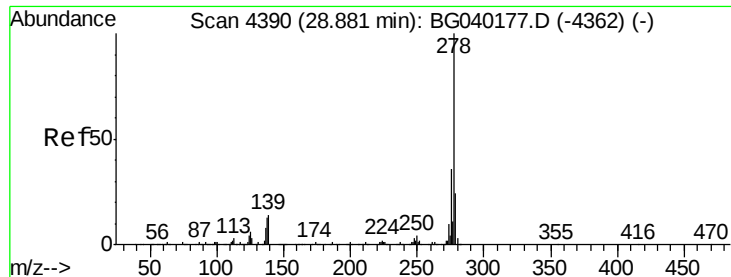
253 22.8 17.8 26.8

125 11.2 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.319 ng

RT: 28.80 min Scan# 4375

Delta R.T. -0.09 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

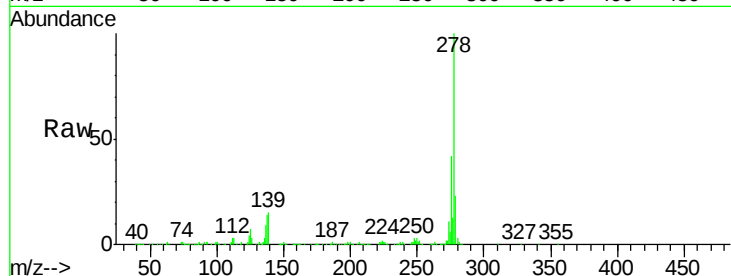
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:278 Resp: 1066442

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.3  | 11.2  | 16.8  |
| 279 | 23.2  | 18.9  | 28.3  |

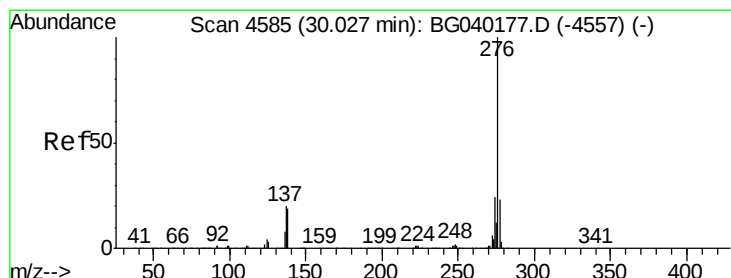
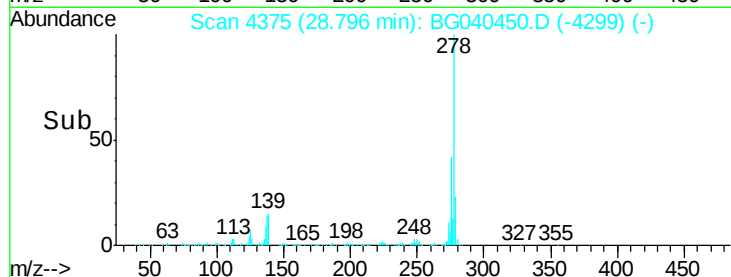
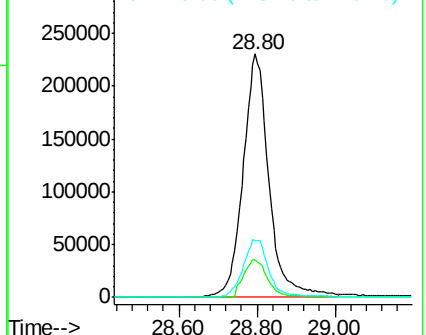


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 45.135 ng

RT: 29.92 min Scan# 4567

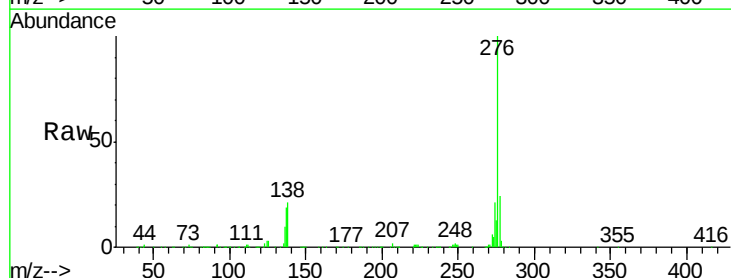
Delta R.T. -0.10 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:276 Resp: 1067961

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 18.6  | 28.0  |
| 138 | 20.6  | 15.2  | 22.8  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

