

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\  
 Data File : BG040799.D  
 Acq On : 8 May 2019 22:12  
 Operator : HP/JU  
 Sample : PB119558BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

Quant Time: May 09 05:01:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 50287    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.97 | 136  | 194707   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.77 | 164  | 144224   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.52 | 188  | 389885   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.80 | 240  | 399737   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12          | 25.15 | 264  | 413377   | 20.00 | ng    | -0.06    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.68  | 112  | 424682   | 148.87 | ng    | 0.00     |
| 7) Phenol-d6                | 7.28  | 99   | 599826   | 136.56 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.32  | 82   | 359813   | 85.39  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.26 | 330  | 308247   | 155.49 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.40 | 172  | 759036   | 76.01  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.11 | 244  | 1548891  | 85.84  | ng    | -0.03    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88   | 46373    | 35.744 | ng    | 94     |
| 3) Pyridine                    | 3.94  | 79   | 126110   | 33.536 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.87  | 42   | 77506    | 37.159 | ng    | 93     |
| 6) Aniline                     | 7.46  | 93   | 156937   | 26.956 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.70  | 128  | 134341   | 38.567 | ng    | 95     |
| 9) Benzaldehyde                | 7.28  | 77   | 89701    | 32.106 | ng    | 95     |
| 10) Phenol                     | 7.31  | 94   | 182266   | 38.602 | ng    | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93   | 125661   | 35.491 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 8.03  | 146  | 144213   | 37.931 | ng    | 95     |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146  | 144576   | 37.511 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146  | 139866   | 37.629 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.38  | 79   | 157092   | 34.372 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.66  | 45   | 215454   | 30.564 | ng    | 97     |
| 17) 2-Methylphenol             | 8.57  | 107  | 127222   | 38.074 | ng    | 94     |
| 18) Hexachloroethane           | 9.23  | 117  | 55637    | 35.190 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.94  | 70   | 121555   | 30.743 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.90  | 107  | 173504   | 37.274 | ng    | 99     |
| 22) Acetophenone               | 8.97  | 105  | 224002   | 41.372 | ng    | # 93   |
| 24) Nitrobenzene               | 9.36  | 77   | 190827   | 42.444 | ng    | 96     |
| 25) Isophorone                 | 9.88  | 82   | 339633   | 36.184 | ng    | 98     |
| 26) 2-Nitrophenol              | 10.07 | 139  | 79032    | 49.039 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 10.11 | 122  | 140515   | 46.469 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93   | 174041   | 36.957 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162  | 157070   | 45.691 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.82 | 180  | 164629   | 43.185 | ng    | 98     |
| 31) Naphthalene                | 11.02 | 128  | 416839   | 40.297 | ng    | 100    |
| 32) Benzoic acid               | 10.22 | 122  | 74215    | 35.852 | ng    | 94     |
| 33) 4-Chloroaniline            | 11.12 | 127  | 105530   | 23.010 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.28 | 225  | 119913   | 42.607 | ng    | 98     |
| 35) Caprolactam                | 11.90 | 113  | 53479    | 39.403 | ng    | 88     |
| 36) 4-Chloro-3-methylphenol    | 12.22 | 107  | 180879   | 41.709 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.61 | 142  | 314740   | 40.695 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.83 | 142  | 302736   | 40.046 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216  | 219227   | 40.804 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\  
 Data File : BG040799.D  
 Acq On : 8 May 2019 22:12  
 Operator : HP/JU  
 Sample : PB119558BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

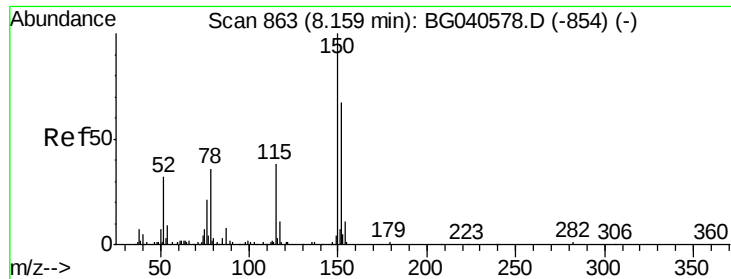
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

Quant Time: May 09 05:01:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.94 | 237  | 267421   | 84.351 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.20 | 196  | 148190   | 45.642 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.27 | 196  | 161389   | 45.630 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.61 | 154  | 423940   | 37.860 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 344967   | 39.365 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.86 | 65   | 141927   | 45.499 | nq    | 97       |
| 49) Acenaphthylene             | 14.50 | 152  | 552362   | 37.152 | nq    | 99       |
| 50) Dimethylphthalate          | 14.22 | 163  | 470057   | 38.954 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.35 | 165  | 104369   | 44.316 | nq    | 98       |
| 52) Acenaphthene               | 14.84 | 154  | 328441   | 37.933 | nq    | 94       |
| 53) 3-Nitroaniline             | 14.68 | 138  | 82928    | 34.366 | nq    | # 92     |
| 54) 2,4-Dinitrophenol          | 14.88 | 184  | 48405    | 40.262 | nq    | 85       |
| 55) Dibenzofuran               | 15.17 | 168  | 569270   | 40.140 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.97 | 139  | 149623   | 71.508 | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 15.13 | 165  | 153383   | 47.929 | nq    | 91       |
| 58) Fluorene                   | 15.82 | 166  | 448029   | 39.086 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 170619   | 47.928 | nq    | 95       |
| 60) Diethylphthalate           | 15.57 | 149  | 487366   | 38.280 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.80 | 204  | 276343   | 41.451 | nq    | 96       |
| 62) 4-Nitroaniline             | 15.84 | 138  | 116322   | 43.093 | nq    | 90       |
| 63) Azobenzene                 | 16.09 | 77   | 479705   | 36.586 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.88 | 198  | 59339    | 33.420 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 16.02 | 169  | 421849   | 36.776 | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.70 | 248  | 188773   | 38.863 | nq    | 94       |
| 68) Hexachlorobenzene          | 16.81 | 284  | 195041   | 38.833 | nq    | 96       |
| 69) Atrazine                   | 16.96 | 200  | 188183   | 41.407 | nq    | 97       |
| 70) Pentachlorophenol          | 17.15 | 266  | 225682   | 76.787 | nq    | 97       |
| 71) Phenanthrene               | 17.56 | 178  | 800018   | 38.096 | nq    | 99       |
| 72) Anthracene                 | 17.65 | 178  | 828495   | 39.249 | nq    | 99       |
| 73) Carbazole                  | 17.91 | 167  | 737549   | 38.351 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.45 | 149  | 870728   | 37.511 | nq    | 99       |
| 75) Fluoranthene               | 19.55 | 202  | 1062758  | 40.610 | nq    | 98       |
| 77) Benzidine                  | 19.74 | 184  | 358320   | 32.738 | nq    | 99       |
| 78) Pyrene                     | 19.92 | 202  | 1072271  | 42.799 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.79 | 149  | 413268   | 42.322 | nq    | 96       |
| 81) Benzo(a)anthracene         | 21.78 | 228  | 1033427  | 40.906 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.69 | 252  | 263834   | 29.300 | nq    | 95       |
| 83) Chrysene                   | 21.85 | 228  | 1021223  | 42.504 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 558033   | 39.589 | nq    | 96       |
| 85) Di-n-octyl phthalate       | 22.90 | 149  | 941571   | 39.664 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.01 | 276  | 917559   | 31.586 | nq    | # 90     |
| 88) Benzo(b)fluoranthene       | 24.08 | 252  | 1018875  | 40.334 | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 24.15 | 252  | 1029857  | 43.654 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.99 | 252  | 1012391  | 42.339 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.08 | 278  | 708463   | 29.278 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.21 | 276  | 724857   | 30.099 | nq    | 98       |

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



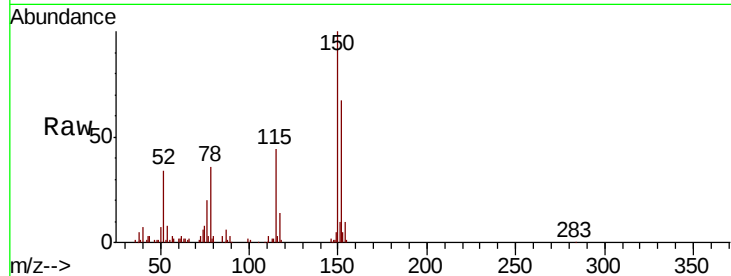


#1

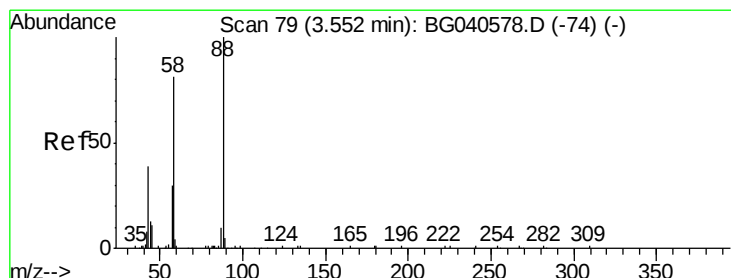
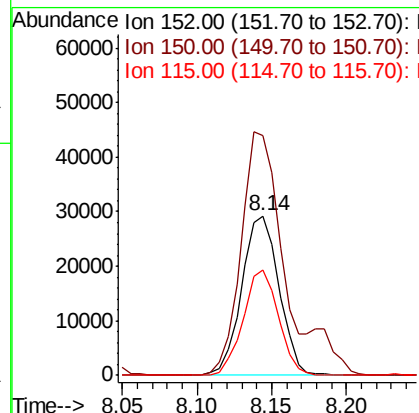
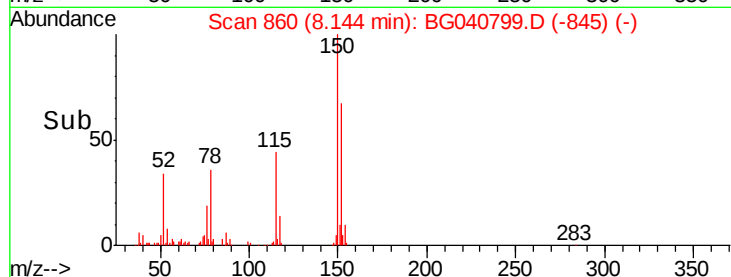
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.14 min Scan# 860  
 Delta R.T. -0.01 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

Tot Ion:152 Resp: 50287  
 Ion Ratio Lower Upper  
 152 100  
 150 150.1 120.2 180.2  
 115 65.9 46.2 69.2



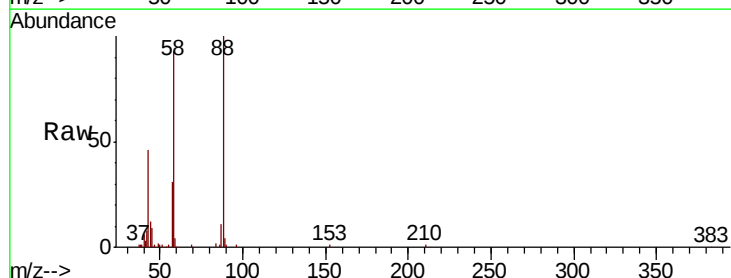
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



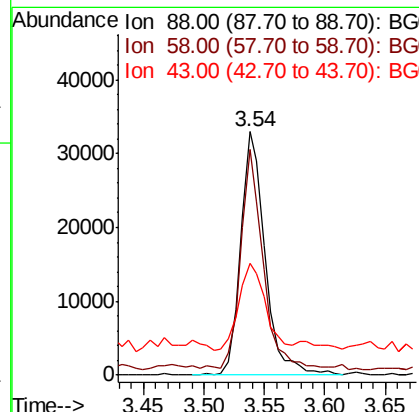
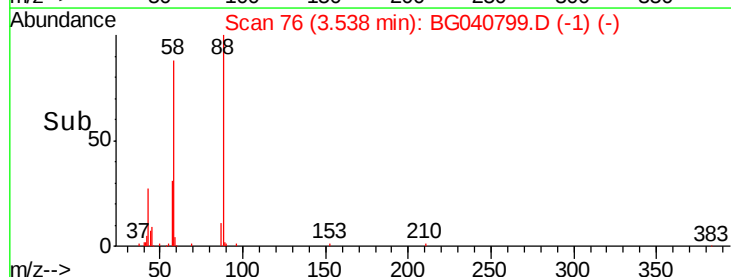
#2

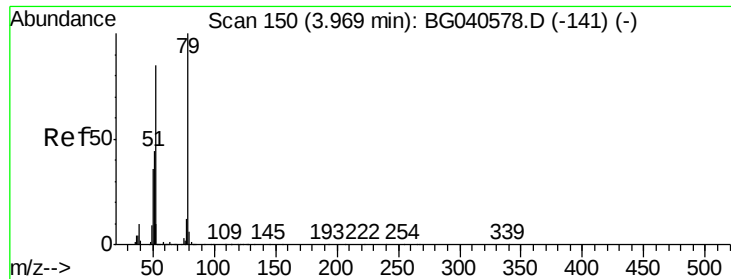
1,4-Dioxane  
 Concen: 35.744 ng  
 RT: 3.54 min Scan# 76  
 Delta R.T. -0.01 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

Tgt Ion: 88 Resp: 46373  
 Ion Ratio Lower Upper  
 88 100  
 58 84.5 71.2 106.8  
 43 38.5 35.6 53.4



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: 33.536 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

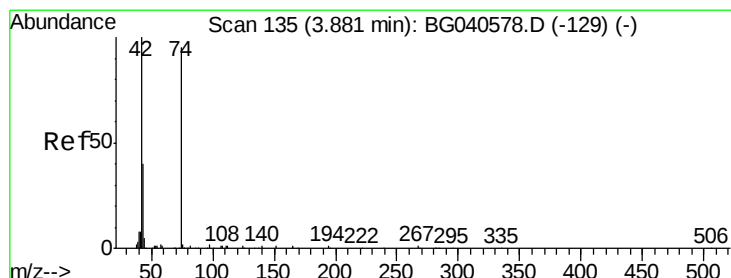
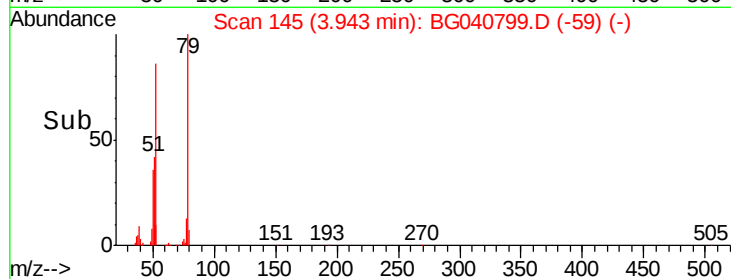
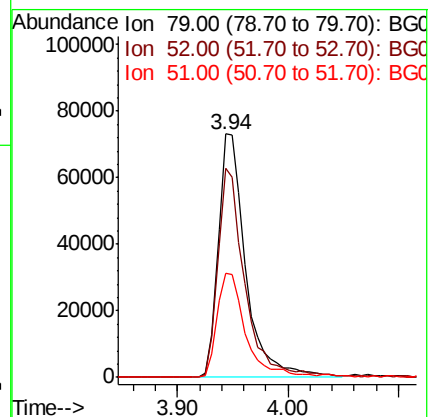
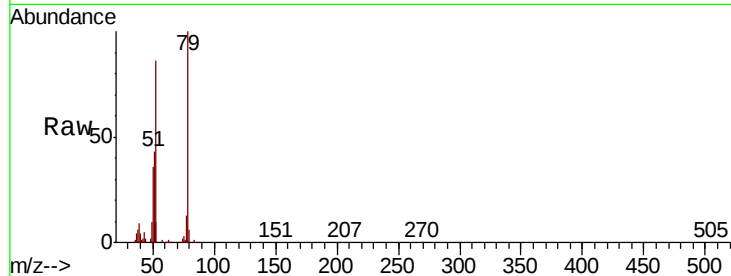
Tot Ion: 79 Resp: 126110

Ion Ratio Lower Upper

79 100

52 85.7 67.5 101.3

51 42.9 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 37.159 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

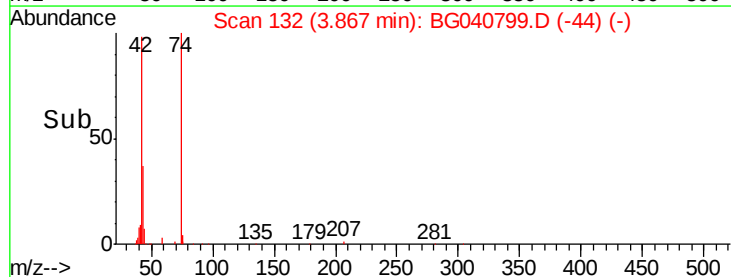
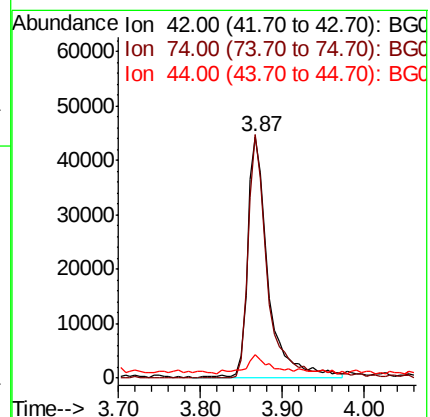
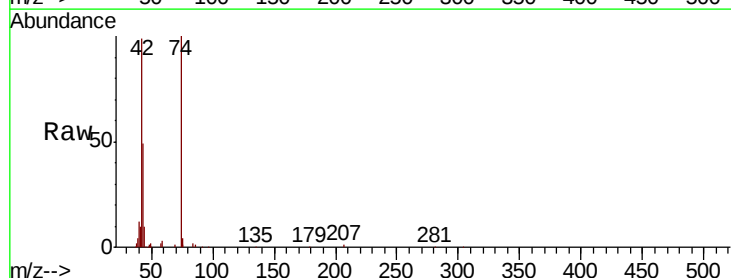
Tgt Ion: 42 Resp: 77506

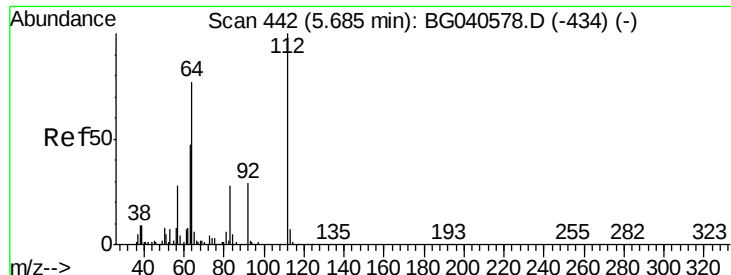
Ion Ratio Lower Upper

42 100

74 100.8 74.6 111.8

44 9.6 7.4 11.0





#5

2-Fluorophenol

Concen: 148.868 ng

RT: 5.68 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

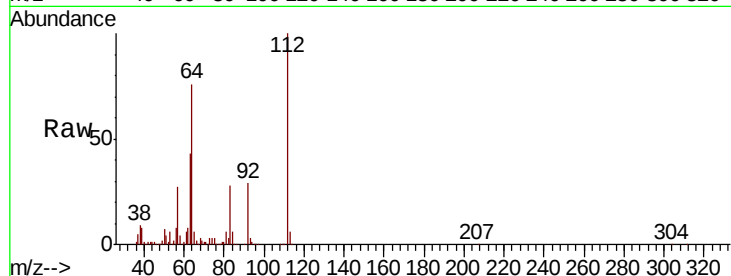
Tot Ion:112 Resp: 424682

Ion Ratio Lower Upper

112 100

64 76.0 61.4 92.0

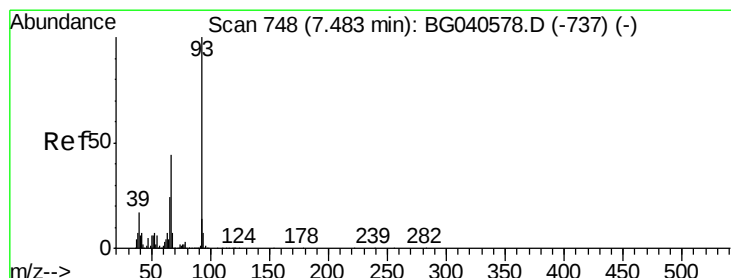
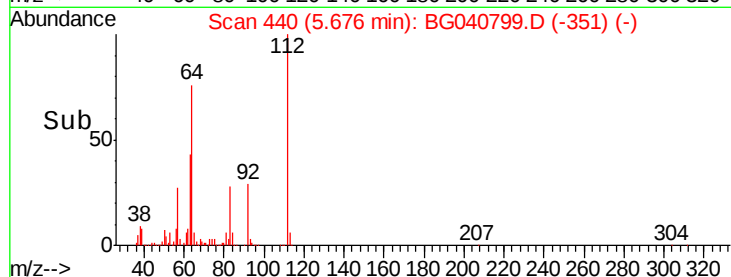
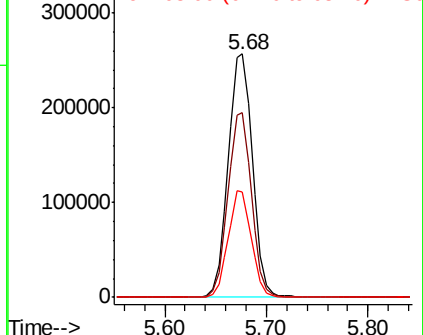
63 43.3 37.8 56.6



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: 26.956 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

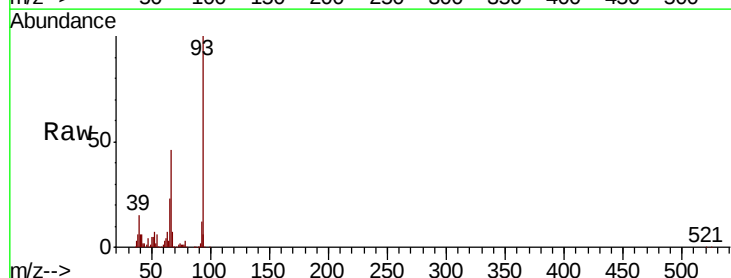
Tgt Ion: 93 Resp: 156937

Ion Ratio Lower Upper

93 100

66 45.8 35.5 53.3

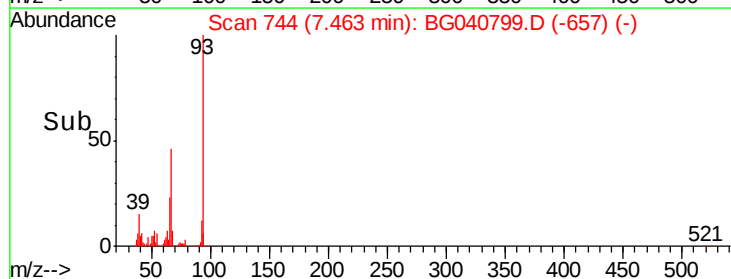
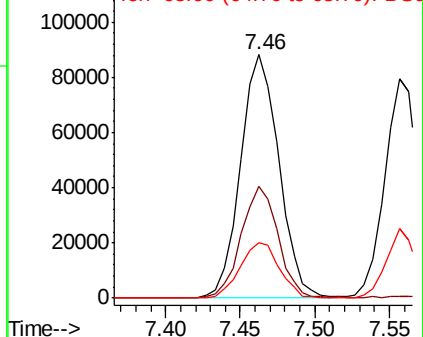
65 22.9 19.2 28.8



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: 136.560 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

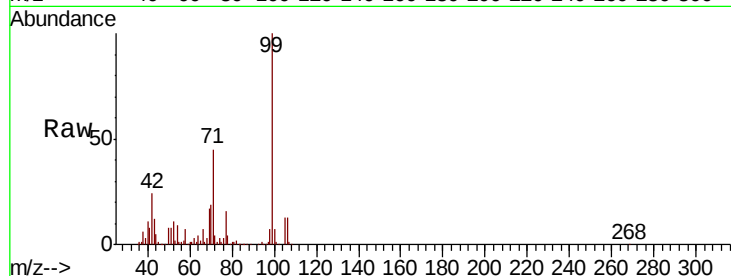
Tot Ion: 99 Resp: 599826

Ion Ratio Lower Upper

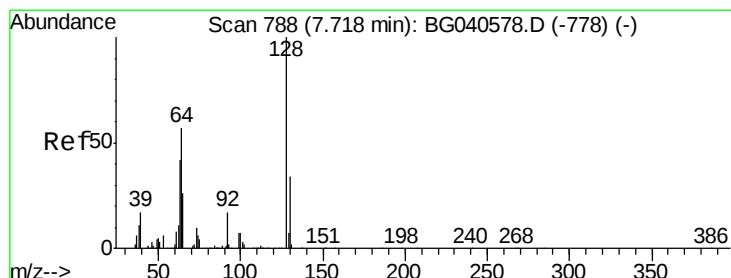
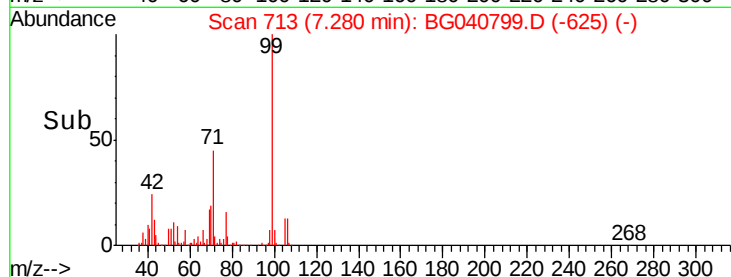
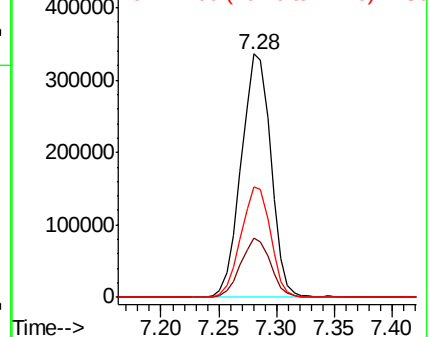
99 100

42 24.3 21.8 32.8

71 45.1 38.6 57.8



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: 38.567 ng

RT: 7.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

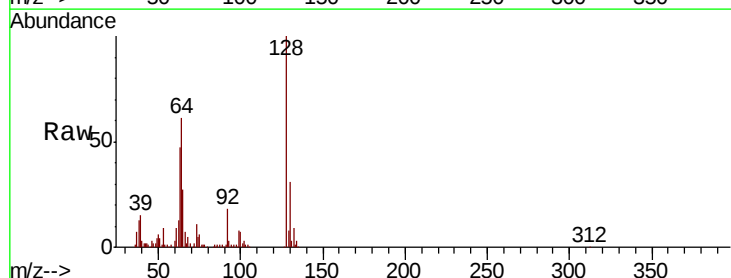
Tgt Ion: 128 Resp: 134341

Ion Ratio Lower Upper

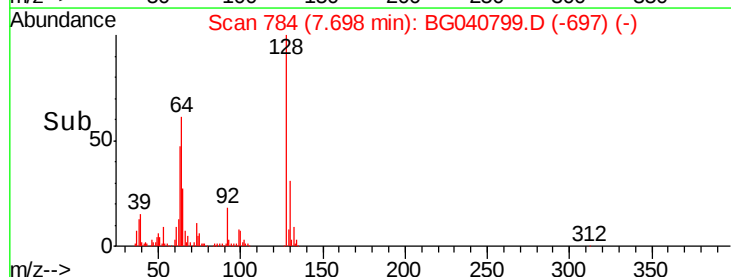
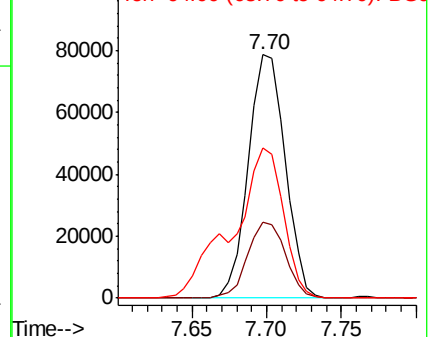
128 100

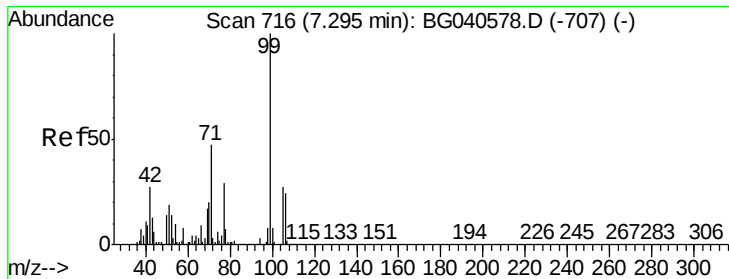
130 31.4 14.5 54.5

64 61.5 38.4 78.4



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: 32.106 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

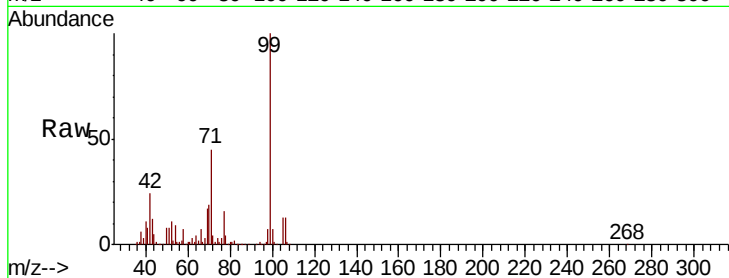
Tot Ion: 77 Resp: 89701

Ion Ratio Lower Upper

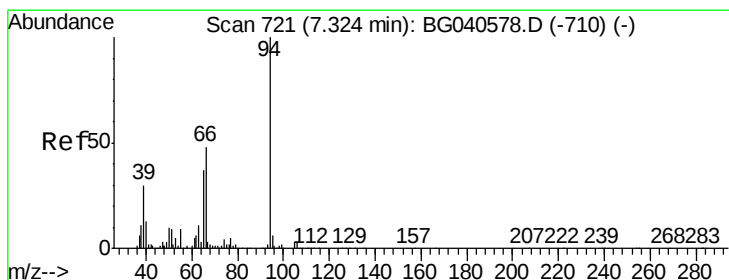
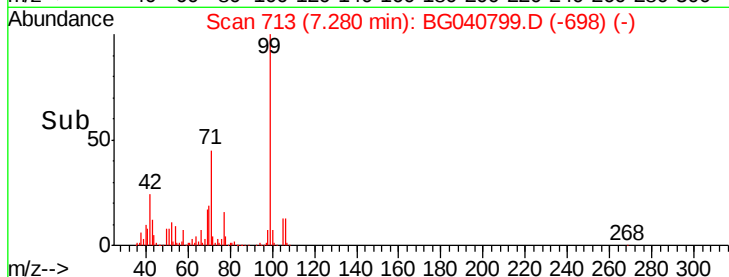
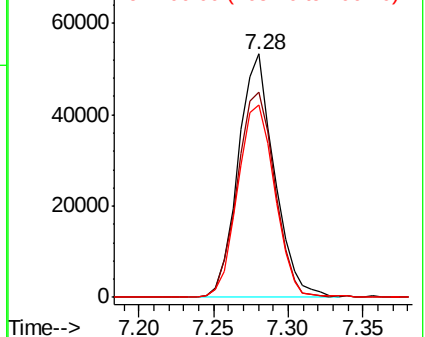
77 100

105 84.5 72.0 112.0

106 79.2 61.2 101.2



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



#10

Phenol

Concen: 38.602 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

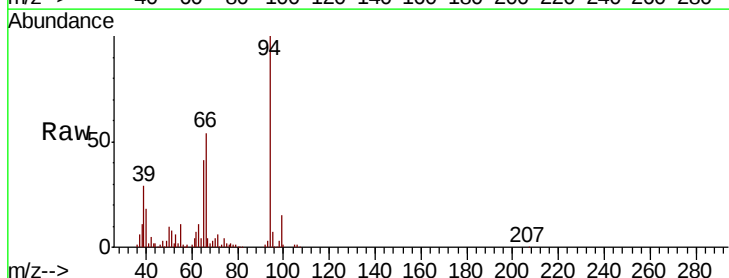
Tgt Ion: 94 Resp: 182266

Ion Ratio Lower Upper

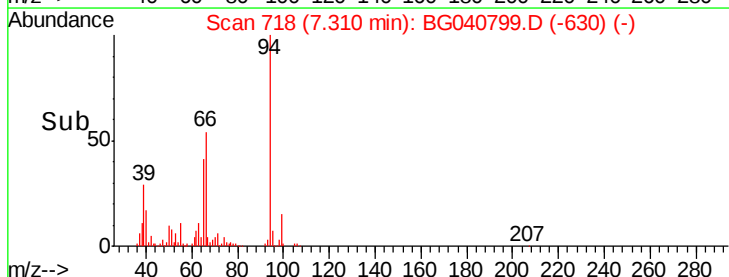
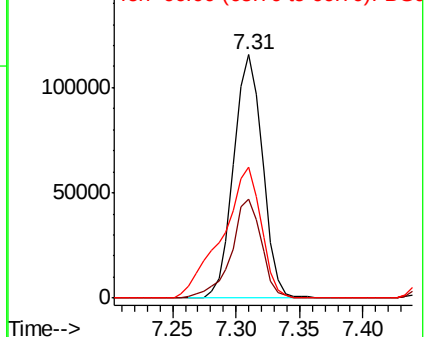
94 100

65 40.6 17.0 57.0

66 53.9 28.6 68.6



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





#11

bis(2-Chloroethyl)ether

Concen: 35.491 ng

RT: 7.56 min Scan# 760

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

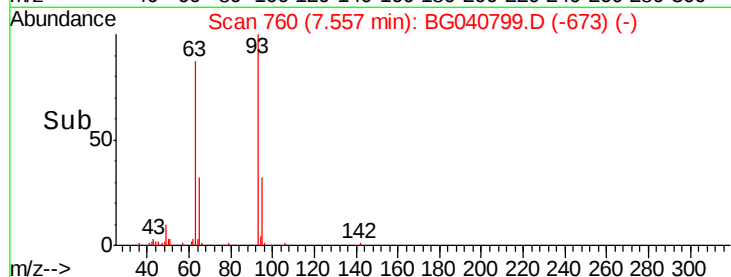
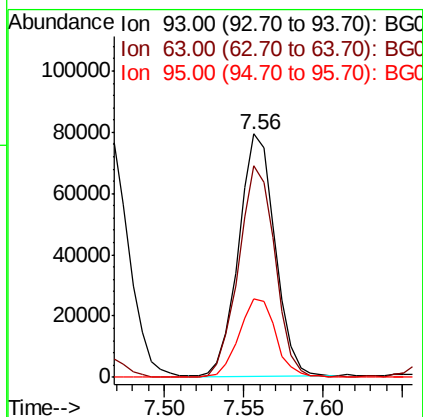
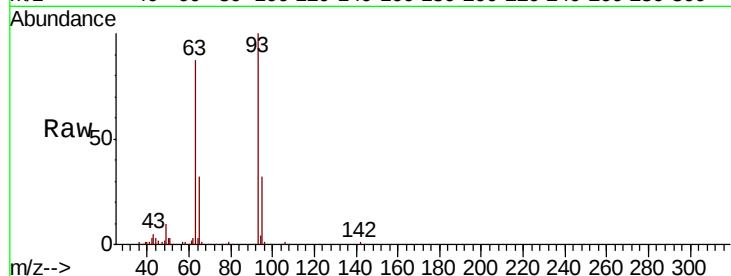
Tot Ion: 93 Resp: 125661

Ion Ratio Lower Upper

93 100

63 86.7 68.2 108.2

95 32.2 14.3 54.3



#12

1,3-Dichlorobenzene

Concen: 37.931 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

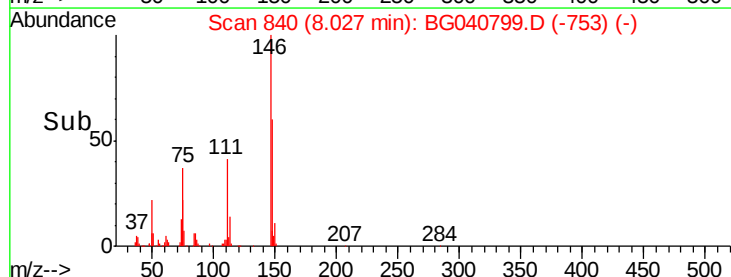
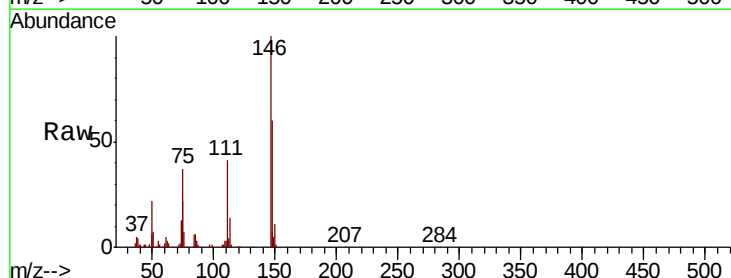
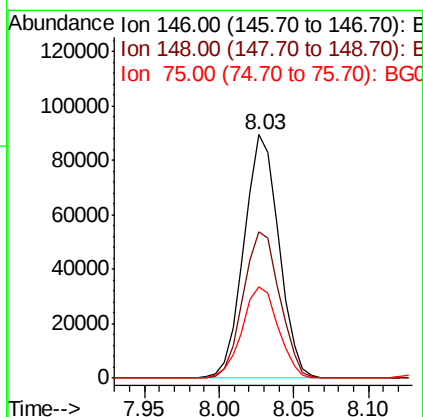
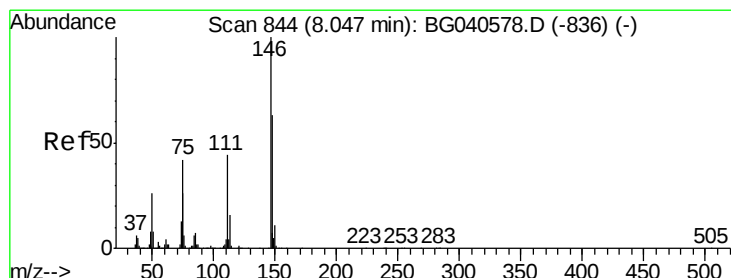
Tgt Ion: 146 Resp: 144213

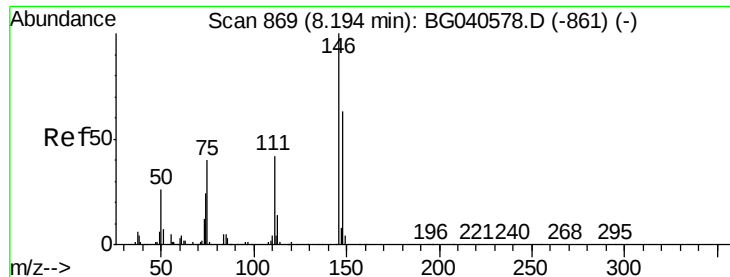
Ion Ratio Lower Upper

146 100

148 60.1 50.7 76.1

75 37.4 33.4 50.2

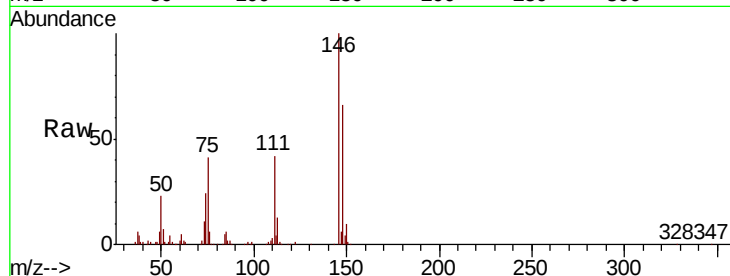




#13  
 1,4-Dichlorobenzene  
 Concen: 37.511 ng  
 RT: 8.18 min Scan# 866  
 Delta R.T. -0.01 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 50.6  | 75.8  |
| 111     | 42.2  | 34.3  | 51.5  |

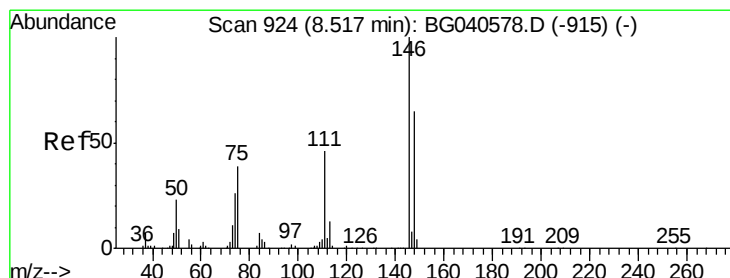
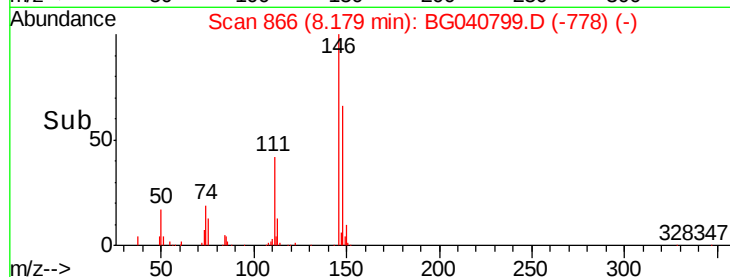
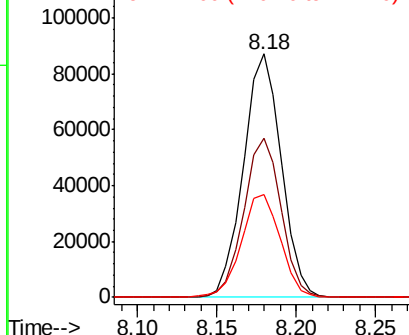


Abundance

Ion 146.00 (145.70 to 146.70): E

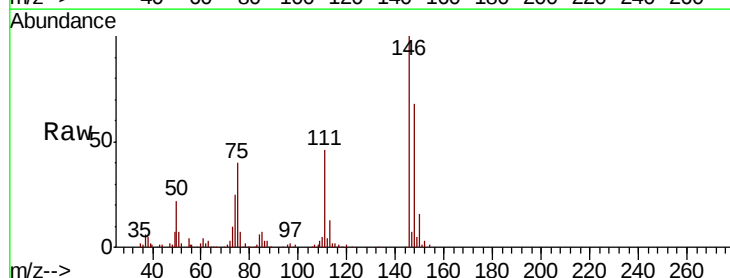
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 37.629 ng  
 RT: 8.50 min Scan# 920  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.5  | 52.2  | 78.4  |
| 111     | 45.7  | 37.4  | 56.0  |

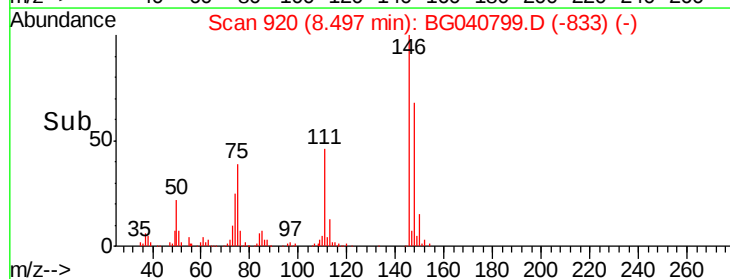
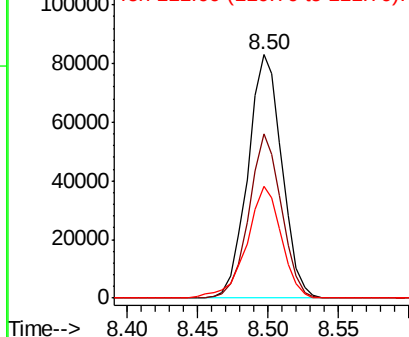


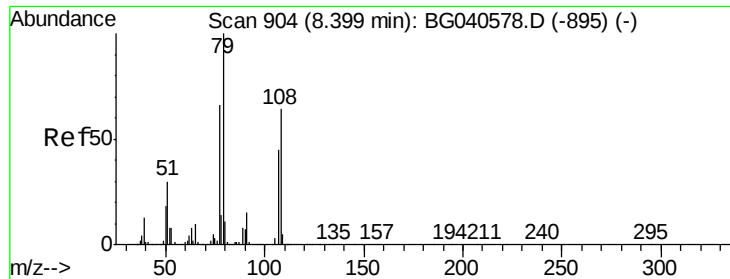
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

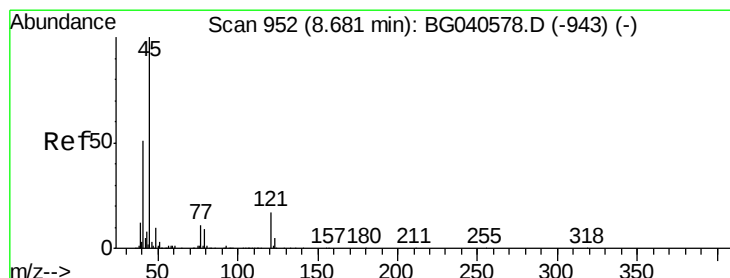
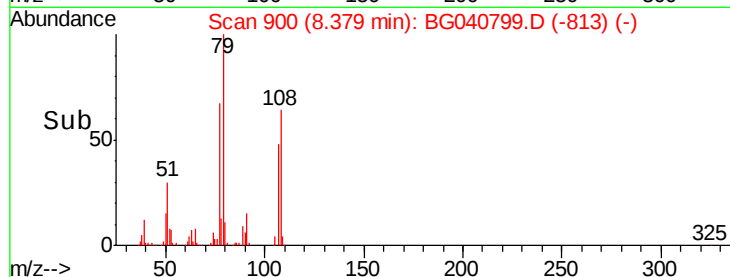
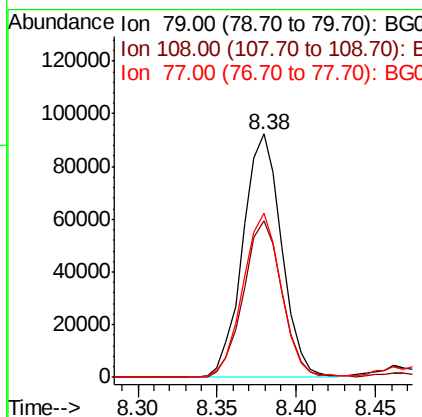
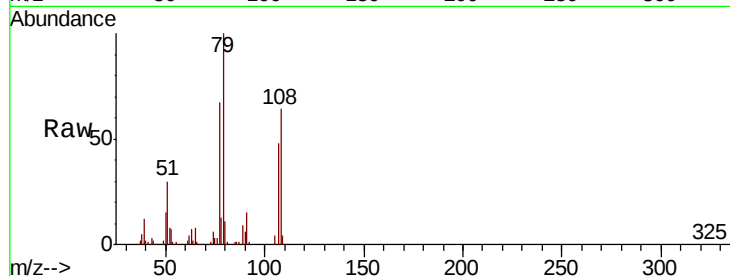




#15  
Benzyl Alcohol  
Concen: 34.372 ng  
RT: 8.38 min Scan# 900  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

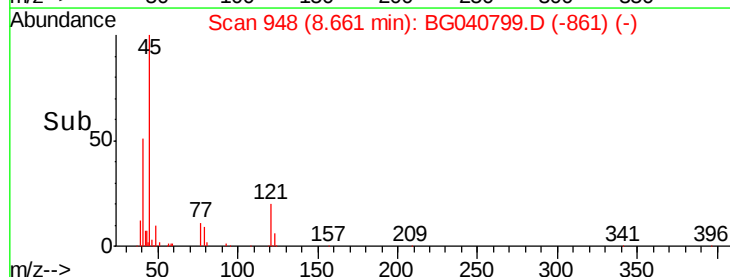
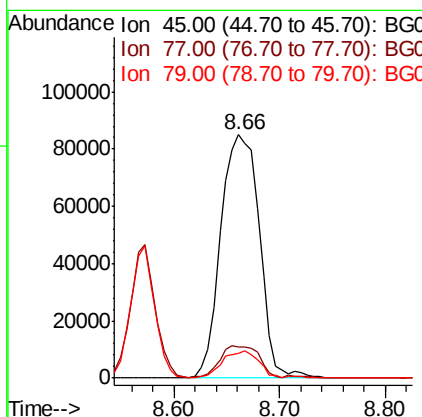
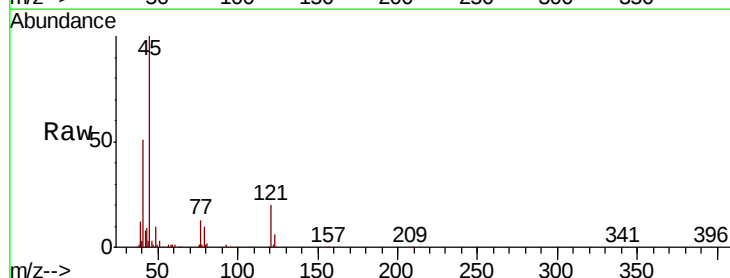
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

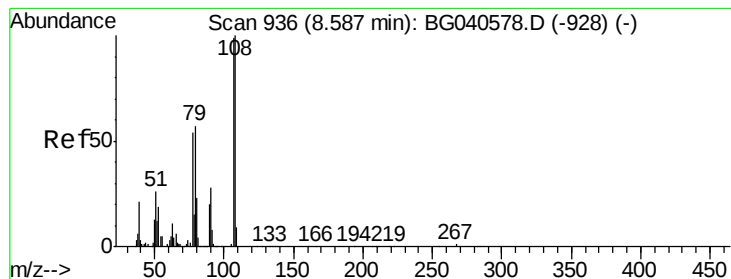
Tot Ion: 79 Resp: 157092  
Ion Ratio Lower Upper  
79 100  
108 64.1 51.4 77.0  
77 67.4 52.6 79.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.564 ng  
RT: 8.66 min Scan# 948  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Tgt Ion: 45 Resp: 215454  
Ion Ratio Lower Upper  
45 100  
77 12.8 0.0 31.5  
79 10.2 0.0 29.4





#17

2-Methylphenol

Concen: 38.074 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

Tot Ion:107 Resp: 127222

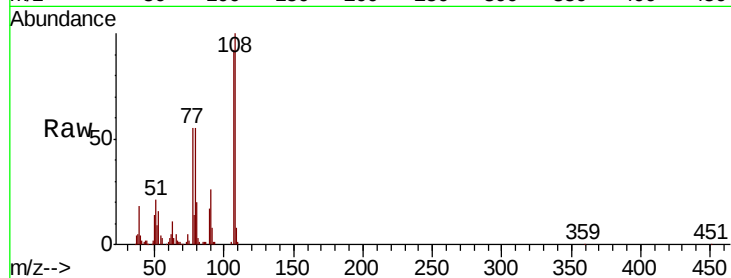
Ion Ratio Lower Upper

107 100

108 109.0 81.2 121.8

77 60.1 44.4 66.6

79 59.8 47.0 70.4

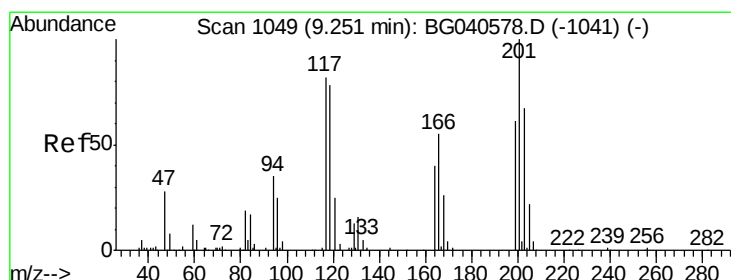
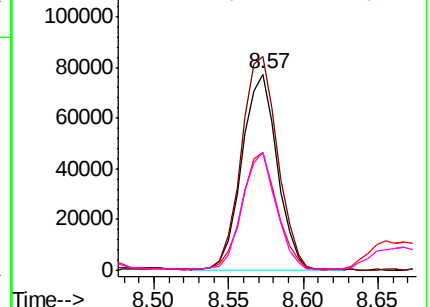
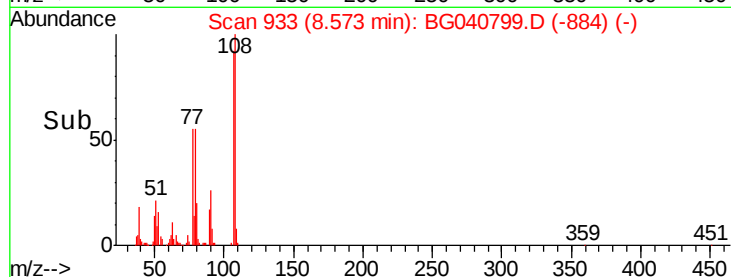


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.190 ng

RT: 9.23 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

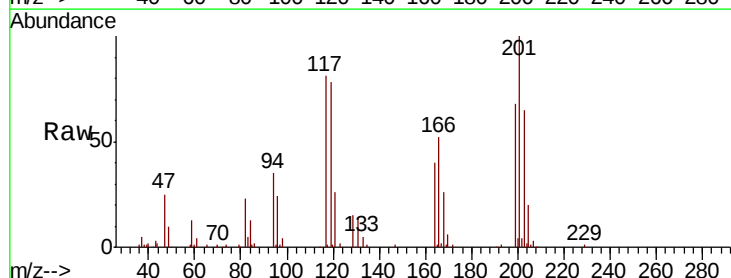
Tgt Ion:117 Resp: 55637

Ion Ratio Lower Upper

117 100

119 94.5 76.6 114.8

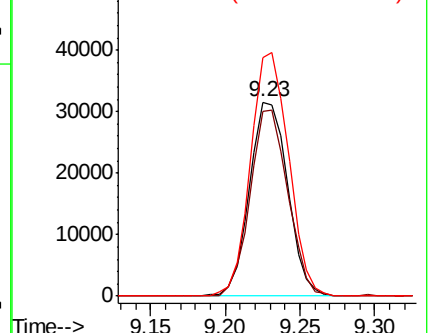
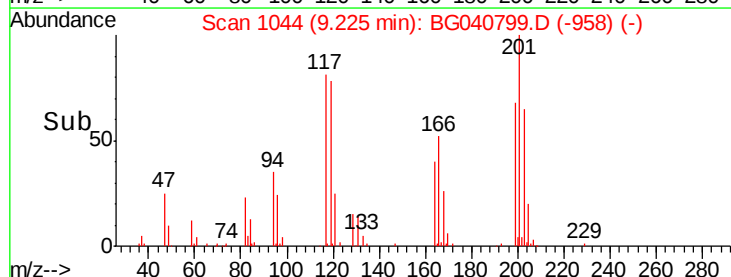
201 121.5 101.0 151.6

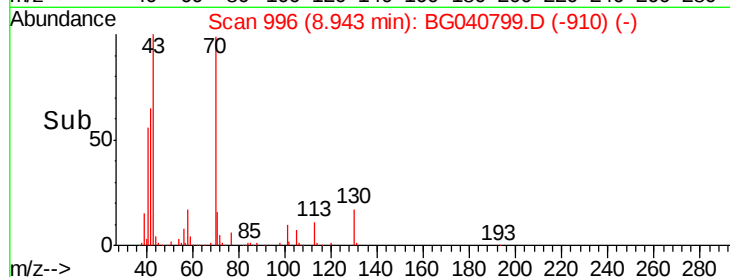
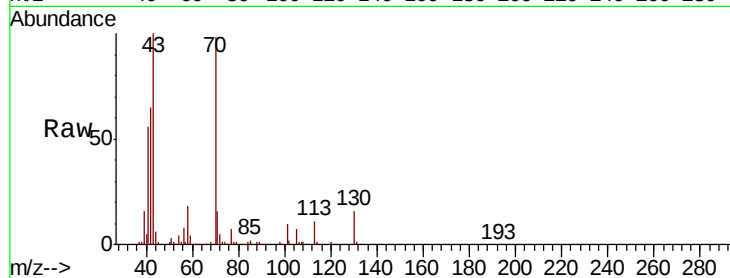
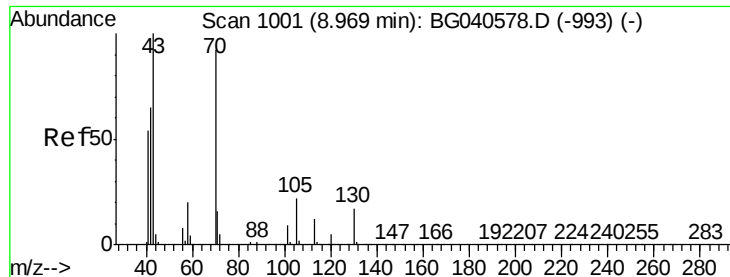


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

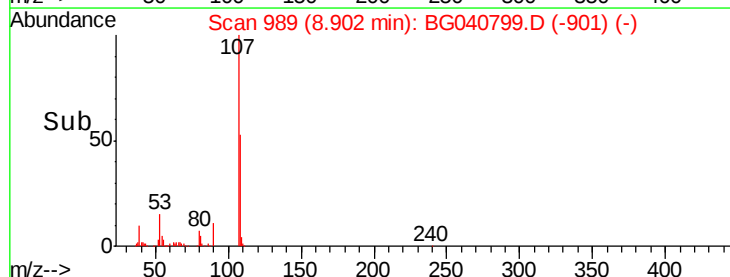
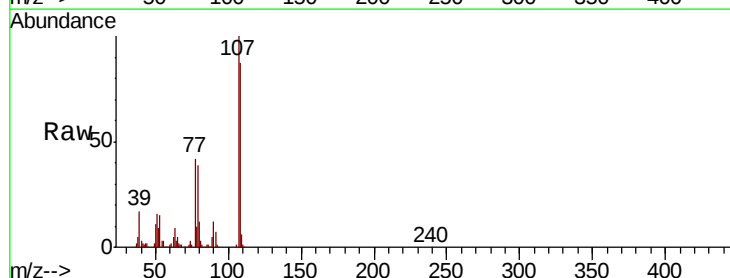
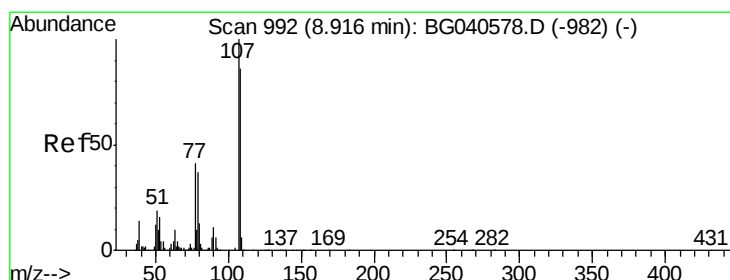
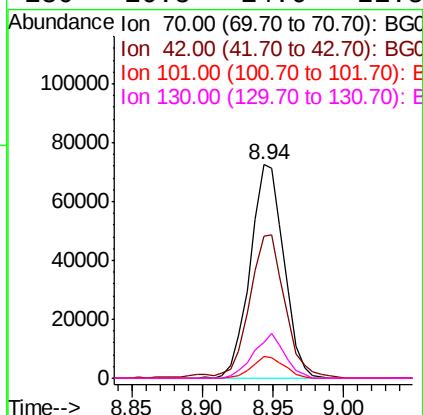




#19  
n-Nitroso-di-n-propylamine  
Concen: 30.743 ng  
RT: 8.94 min Scan# 996  
Delta R.T. -0.03 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

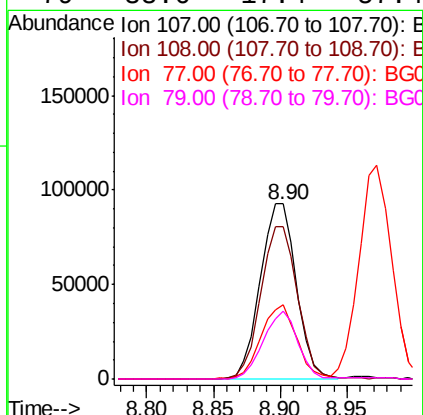
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 121555 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 66.4  | 57.1  | 85.7   |
| 101      | 9.9   | 7.8   | 11.8   |
| 130      | 16.8  | 14.6  | 21.8   |



#20  
3+4-Methylphenols  
Concen: 37.274 ng  
RT: 8.90 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 173504 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.9  | 66.1  | 106.1  |
| 77       | 42.2  | 21.6  | 61.6   |
| 79       | 38.6  | 17.4  | 57.4   |

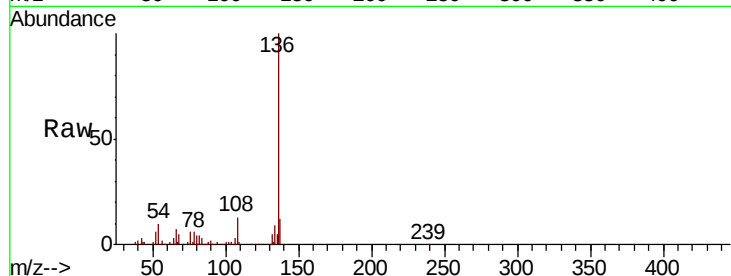




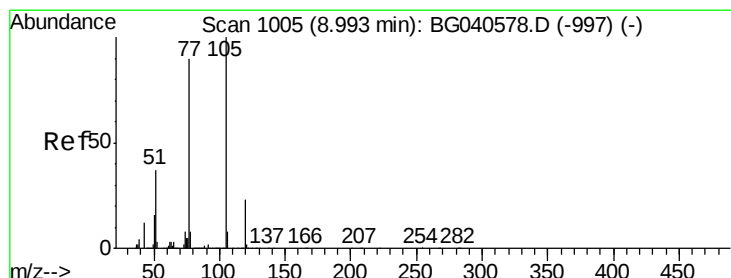
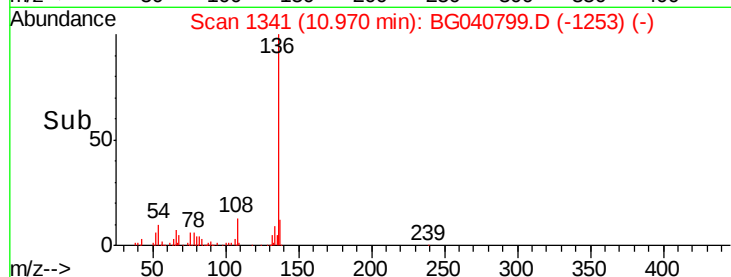
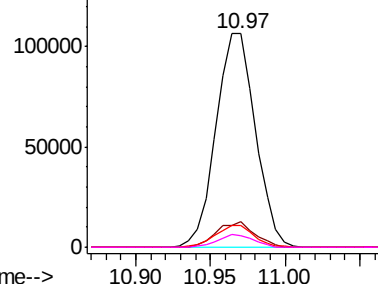
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 194707      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 12.3  | 9.7 14.5    |
| 54          | 10.4  | 8.6 12.8    |
| 68          | 5.3   | 4.8 7.2     |

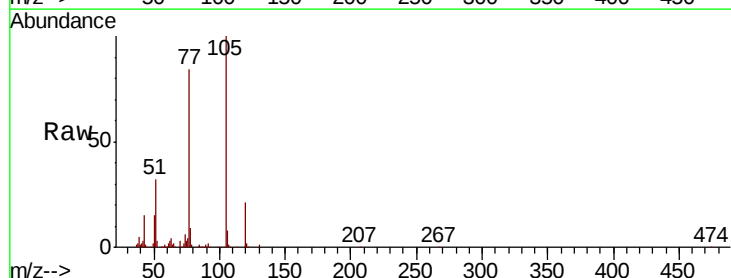


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BG  
Ion 68.00 (67.70 to 68.70): BG

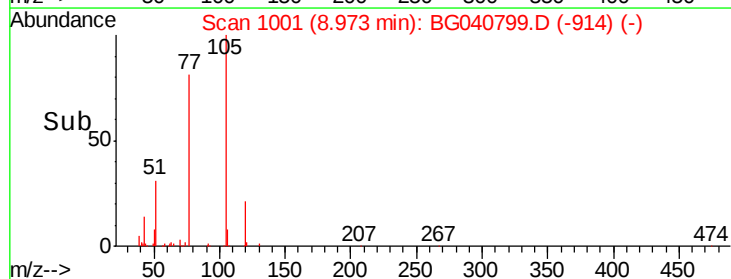
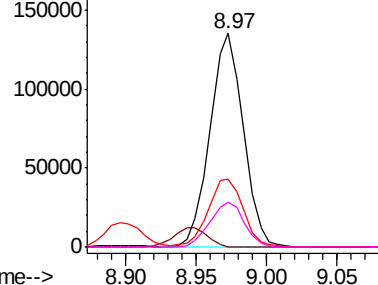


#22  
Acetophenone  
Concen: 41.372 ng  
RT: 8.97 min Scan# 1001  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 224002      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 0.3   | 1.8 2.8#    |
| 51          | 31.8  | 29.8 44.8   |
| 120         | 20.7  | 18.4 27.6   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BG  
Ion 51.00 (50.70 to 51.70): BG  
Ion 120.00 (119.70 to 120.70): E

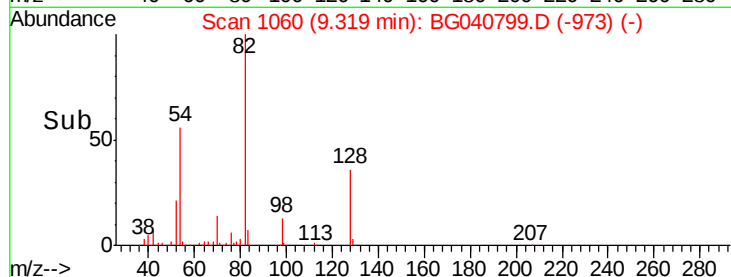
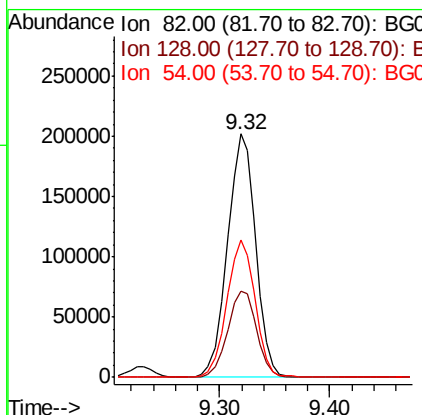
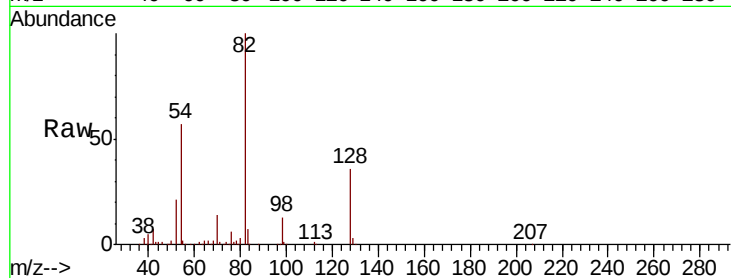




#23  
Nitrobenzene-d5  
Concen: 85.388 ng  
RT: 9.32 min Scan# 1060  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

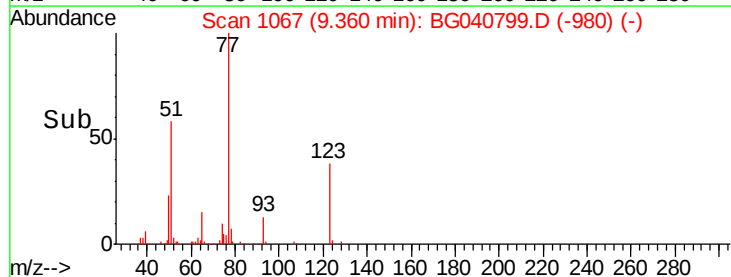
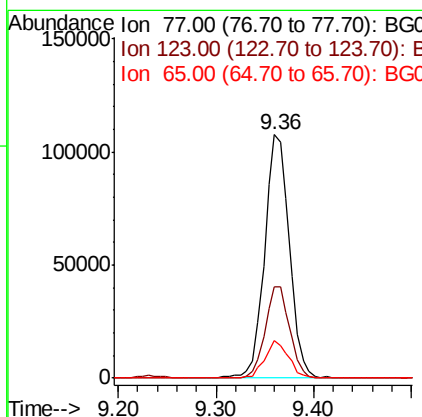
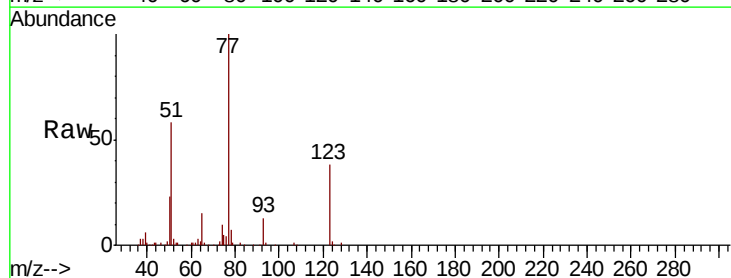
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

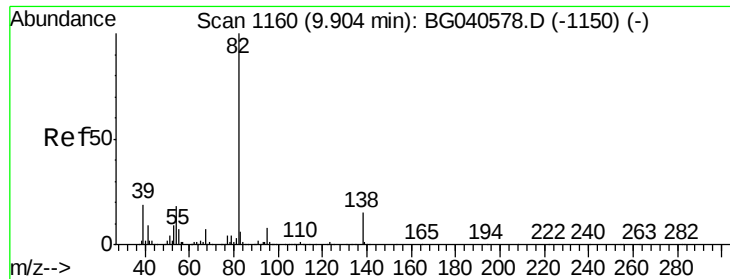
| Tot Ion   | 82    | Resp  | 359813 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 35.6  | 28.9  | 43.3   |
| 54        | 56.5  | 47.2  | 70.8   |



#24  
Nitrobenzene  
Concen: 42.444 ng  
RT: 9.36 min Scan# 1067  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

| Tgt Ion   | 77    | Resp  | 190827 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 37.6  | 27.8  | 41.6   |
| 65        | 15.2  | 12.4  | 18.6   |





#25

Isophorone

Concen: 36.184 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

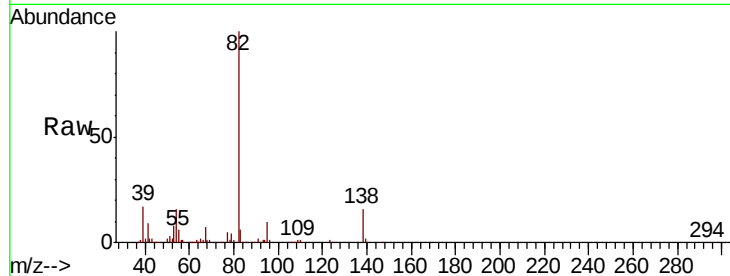
Tot Ion: 82 Resp: 339633

Ion Ratio Lower Upper

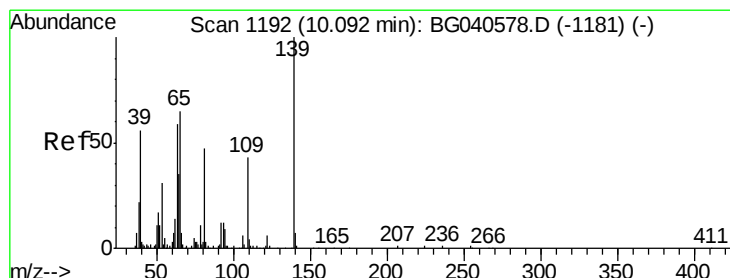
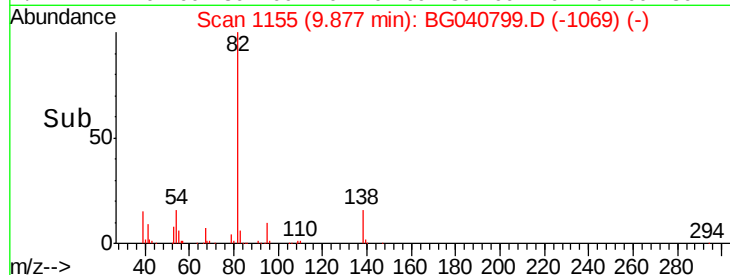
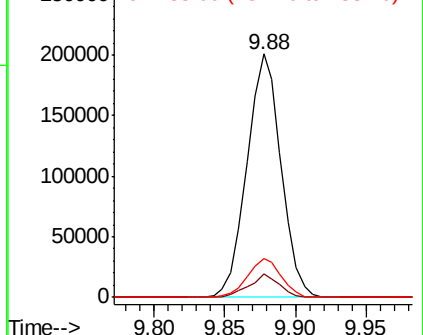
82 100

95 9.5 6.9 10.3

138 16.2 12.3 18.5



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: 49.039 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

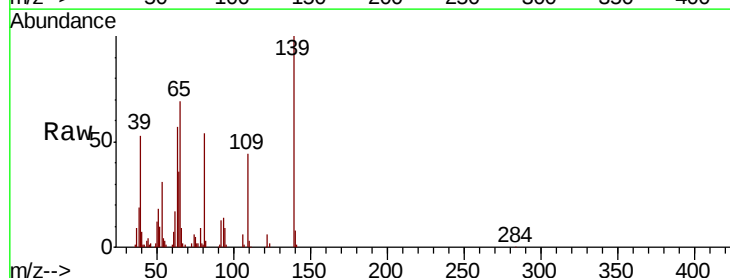
Tgt Ion: 139 Resp: 79032

Ion Ratio Lower Upper

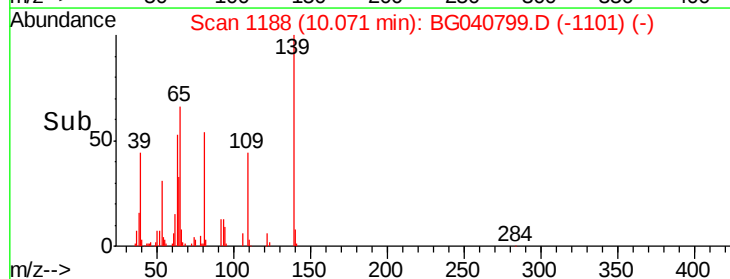
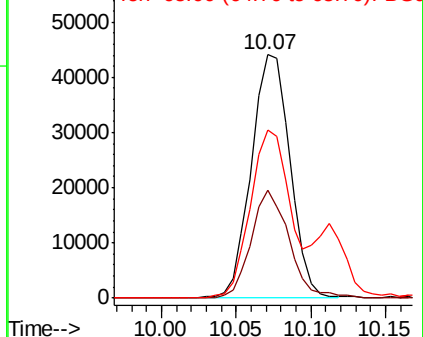
139 100

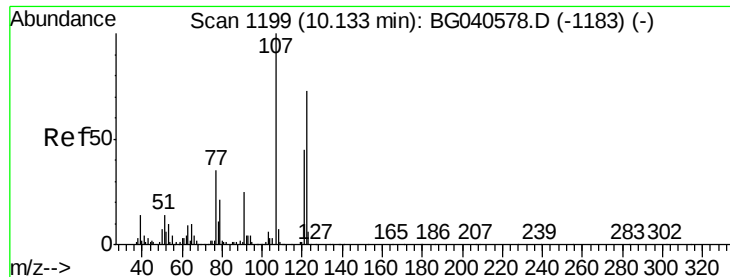
109 44.4 35.6 53.4

65 69.2 52.3 78.5



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

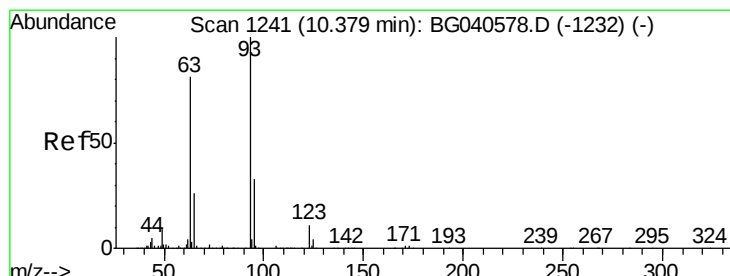
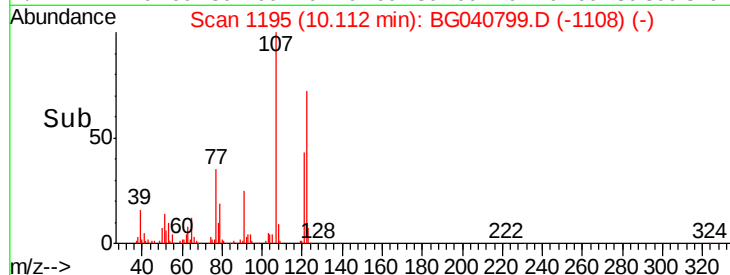
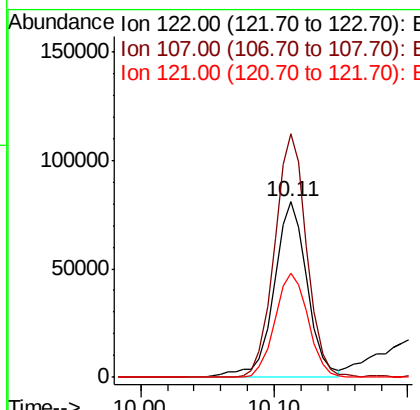
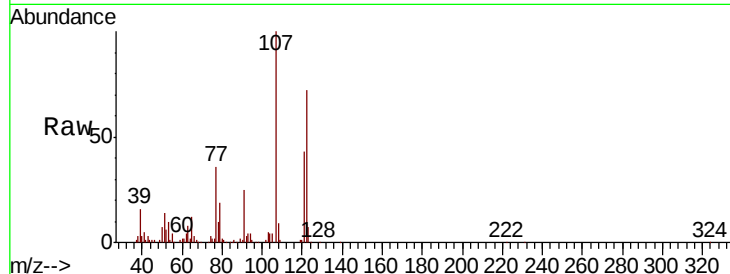




#27  
2,4-Dimethylphenol  
Concen: 46.469 ng  
RT: 10.11 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

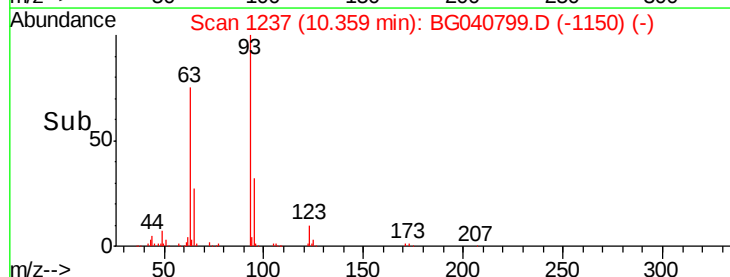
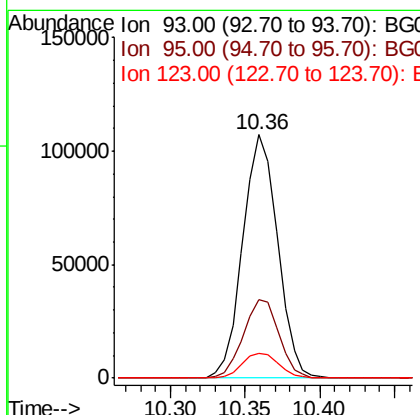
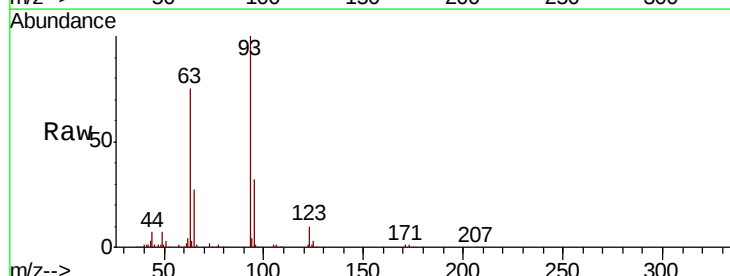
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

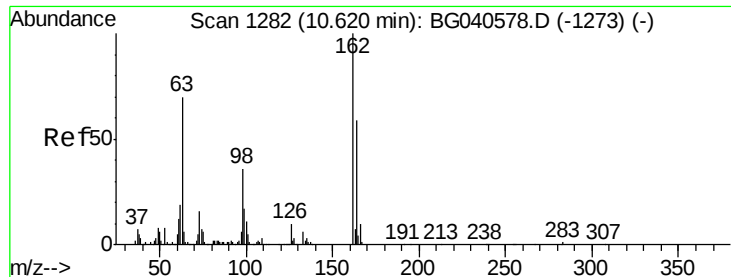
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 138.9 | 110.1 | 165.1 |
| 121     | 59.5  | 49.4  | 74.0  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.957 ng  
RT: 10.36 min Scan# 1237  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.5  | 26.6  | 40.0  |
| 123     | 10.0  | 9.0   | 13.4  |

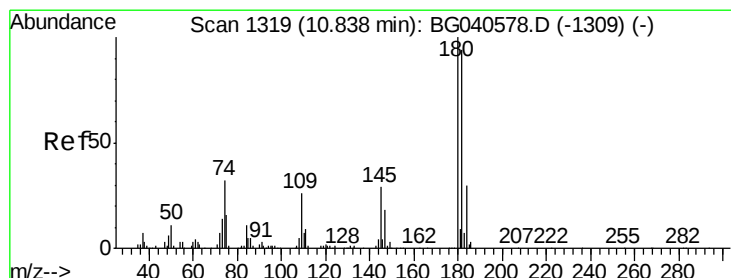
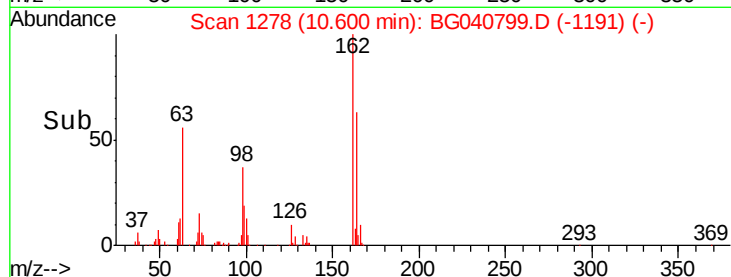
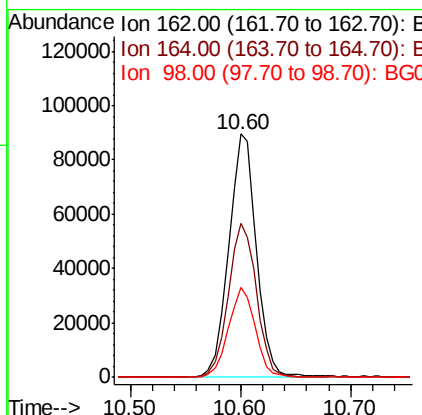
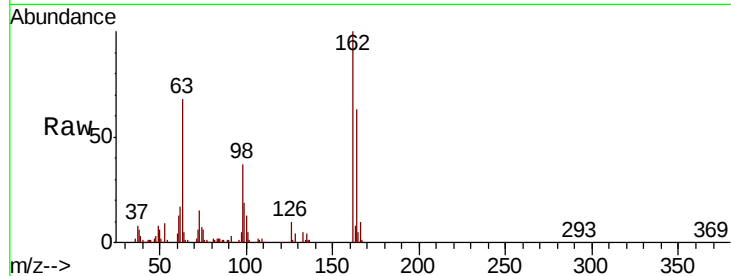




#29  
 2,4-Dichlorophenol  
 Concen: 45.691 ng  
 RT: 10.60 min Scan# 1278  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

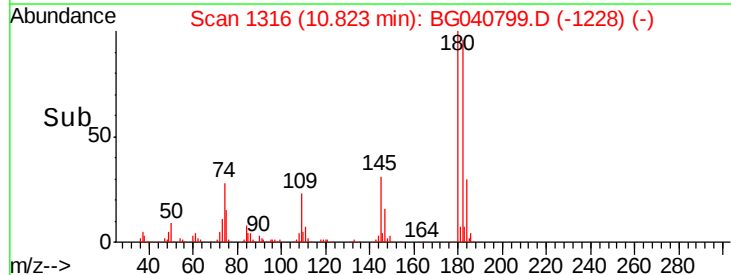
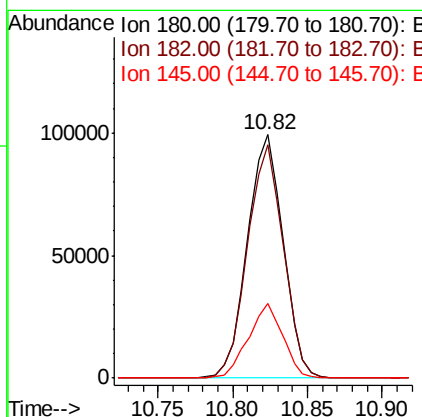
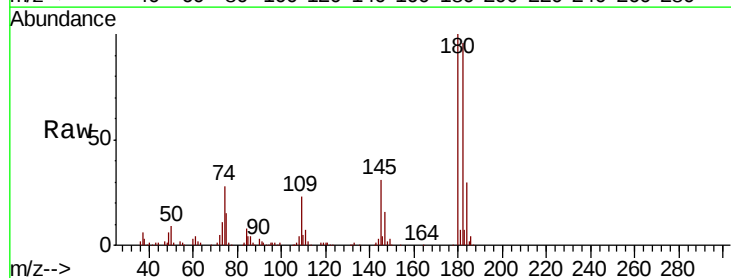
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.1  | 38.9  | 78.9  |
| 98      | 37.1  | 16.8  | 56.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.185 ng  
 RT: 10.82 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 75.2  | 112.8 |
| 145     | 30.5  | 23.6  | 35.4  |

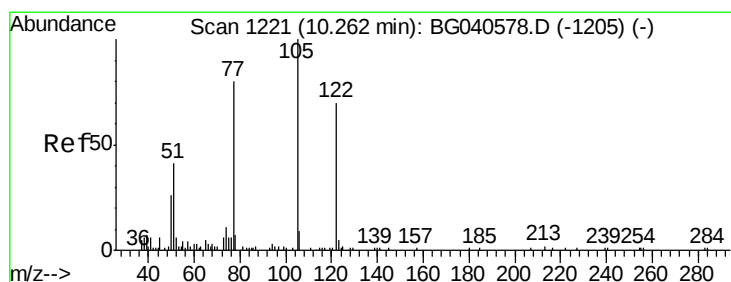
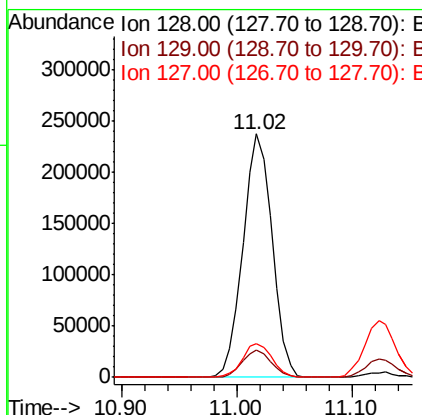
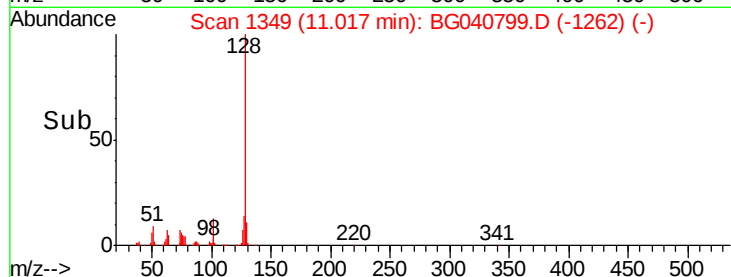
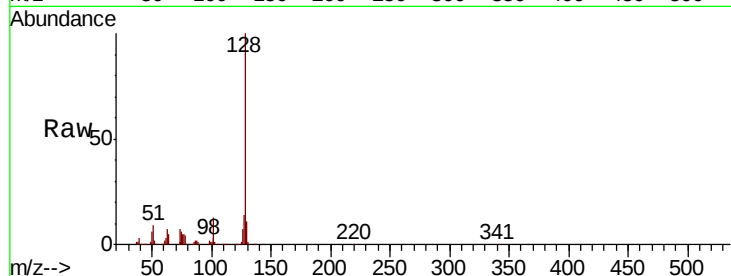




#31  
Naphthalene  
Concen: 40.297 ng  
RT: 11.02 min Scan# 1349  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

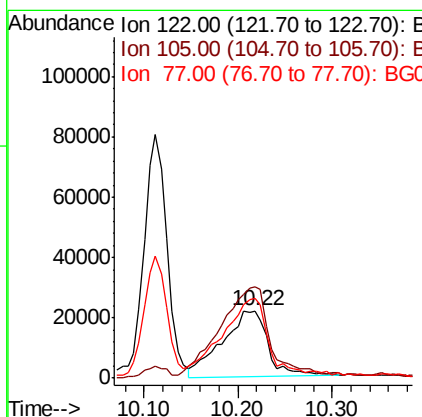
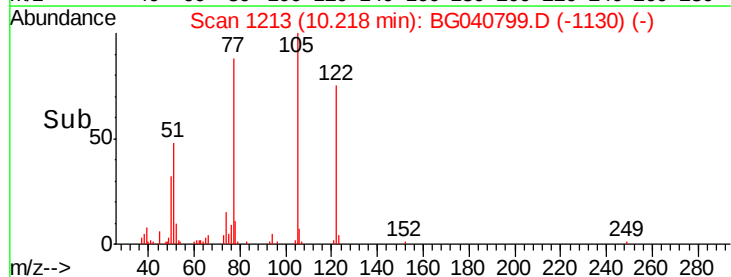
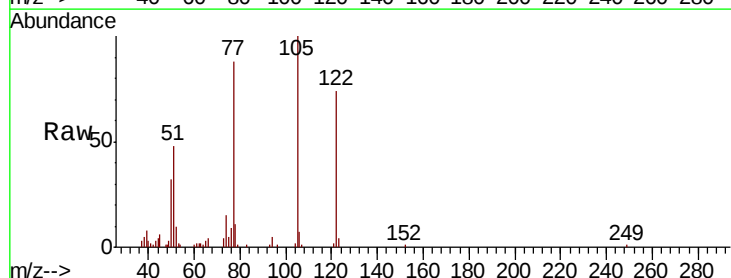
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

Tot Ion:128 Resp: 416839  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 14.0 11.3 16.9



#32  
Benzoic acid  
Concen: 35.852 ng  
RT: 10.22 min Scan# 1213  
Delta R.T. -0.04 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Tgt Ion:122 Resp: 74215  
Ion Ratio Lower Upper  
122 100  
105 134.8 110.9 150.9  
77 118.0 87.6 127.6

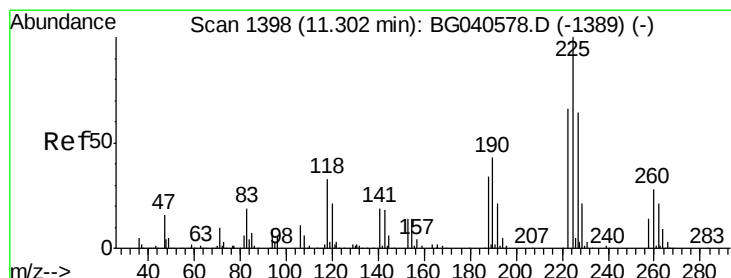
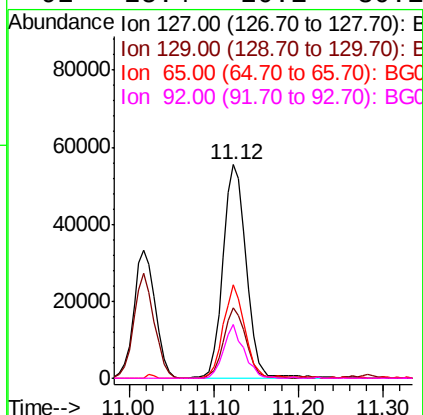
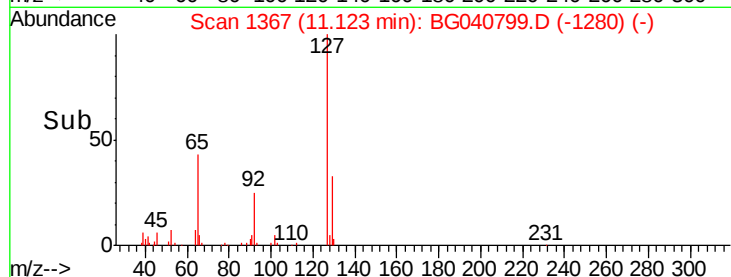
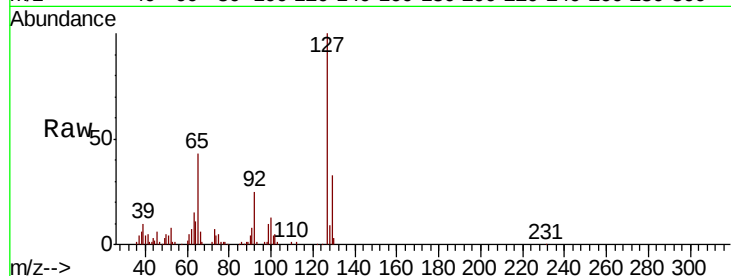




#33  
4-Chloroaniline  
Concen: 23.010 ng  
RT: 11.12 min Scan# 1367  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

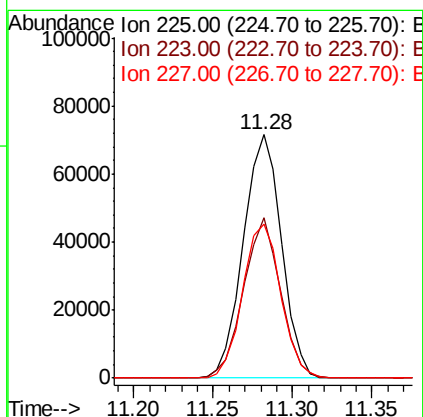
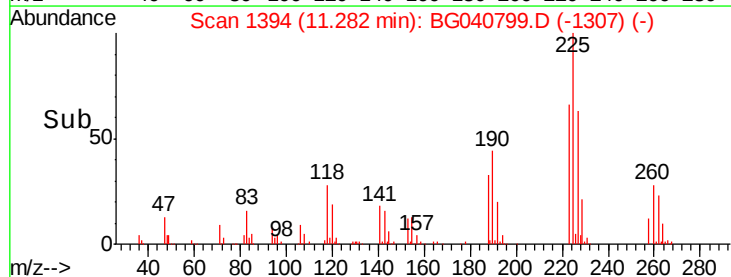
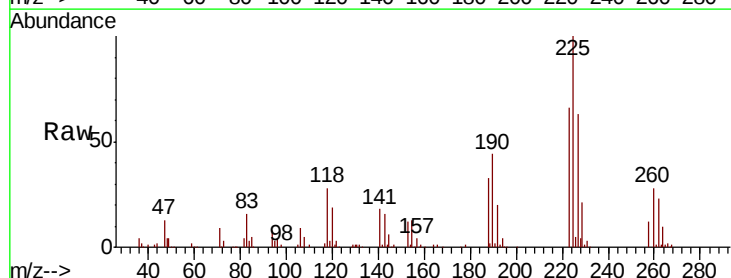
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 105530 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 25.7  | 38.5   |
| 65       | 43.5  | 36.1  | 54.1   |
| 92       | 25.4  | 20.1  | 30.1   |



#34  
Hexachlorobutadiene  
Concen: 42.607 ng  
RT: 11.28 min Scan# 1394  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 119913 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.4  | 75.6   |
| 227      | 60.1  | 51.0  | 76.6   |





#35

Caprolactam

Concen: 39.403 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

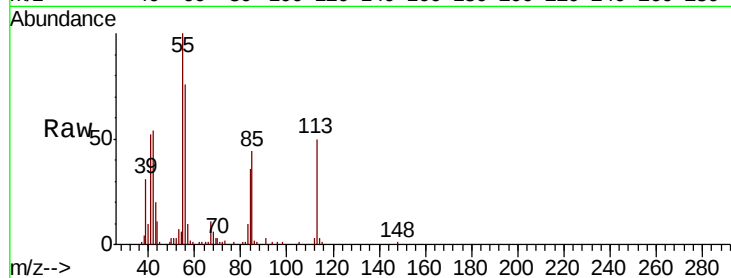
Tot Ion:113 Resp: 53479

Ion Ratio Lower Upper

113 100

55 200.0 198.6 238.6

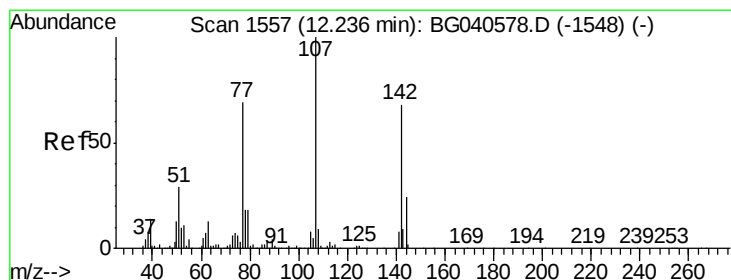
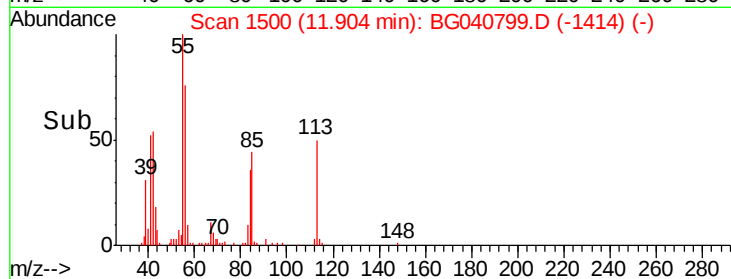
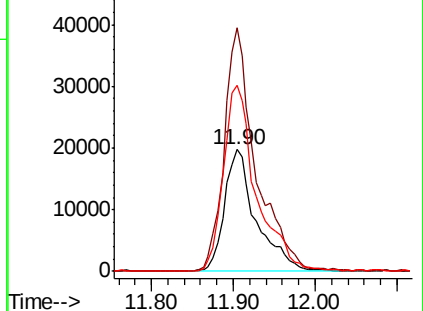
56 152.7 148.4 188.4



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: 41.709 ng

RT: 12.22 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

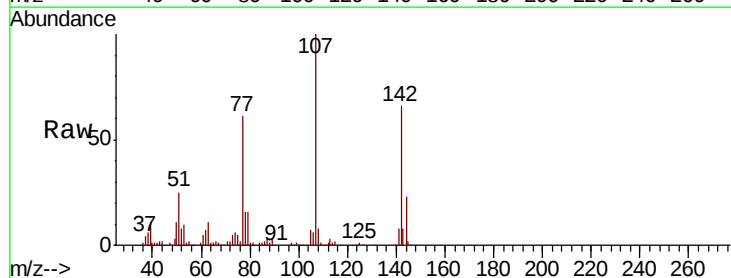
Tgt Ion:107 Resp: 180879

Ion Ratio Lower Upper

107 100

144 22.9 19.3 28.9

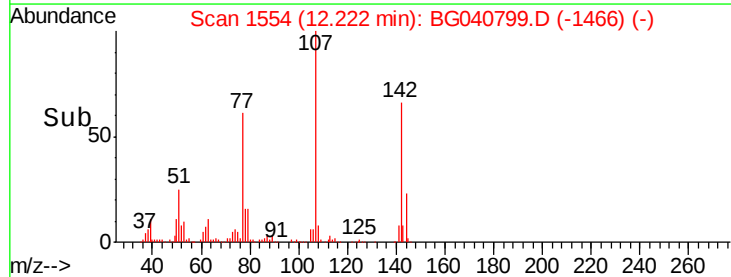
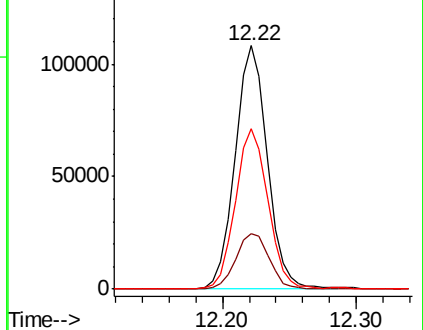
142 65.9 54.6 81.8



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

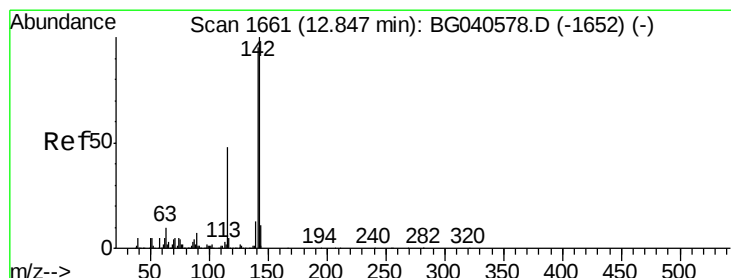
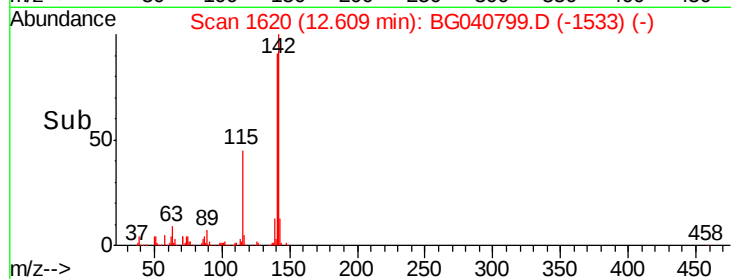
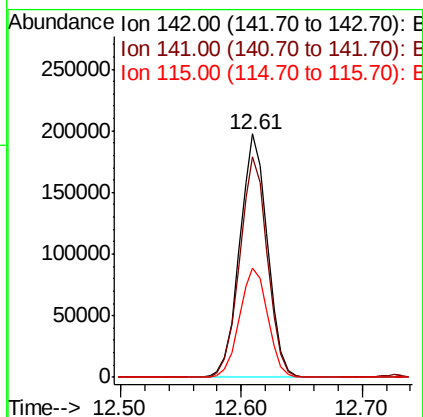
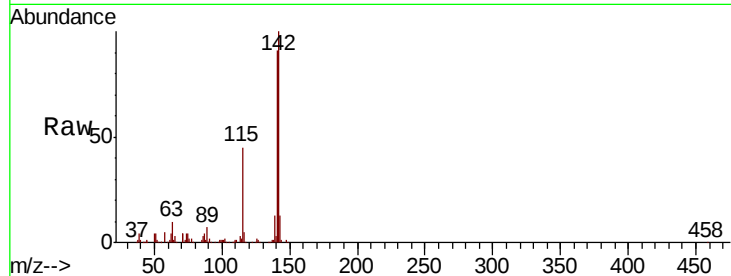




#37  
2-Methylnaphthalene  
Concen: 40.695 ng  
RT: 12.61 min Scan# 1620  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

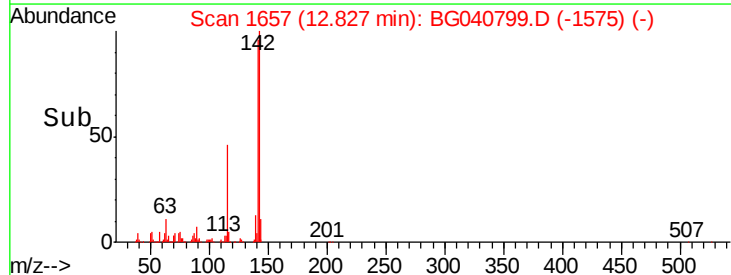
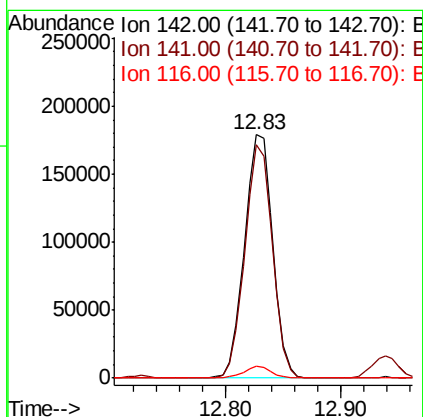
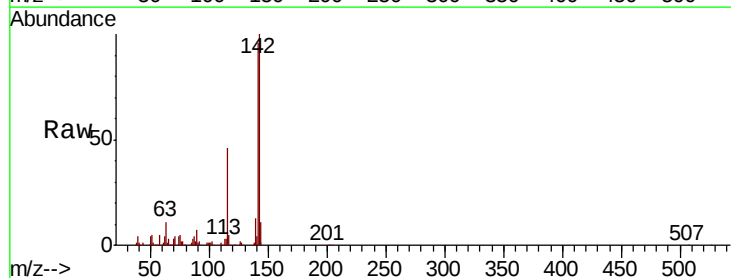
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.5  | 73.4  | 110.2 |
| 115     | 44.6  | 36.2  | 54.4  |



#38  
1-Methylnaphthalene  
Concen: 40.046 ng  
RT: 12.83 min Scan# 1657  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.6  | 75.9  | 113.9 |
| 116     | 4.9   | 4.2   | 6.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

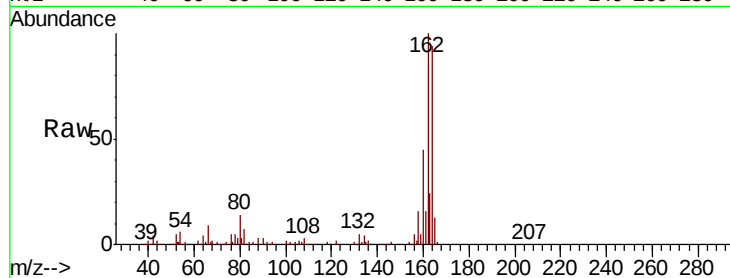
Tot Ion:164 Resp: 144224

Ion Ratio Lower Upper

164 100

162 105.9 81.9 122.9

160 47.2 35.4 53.2

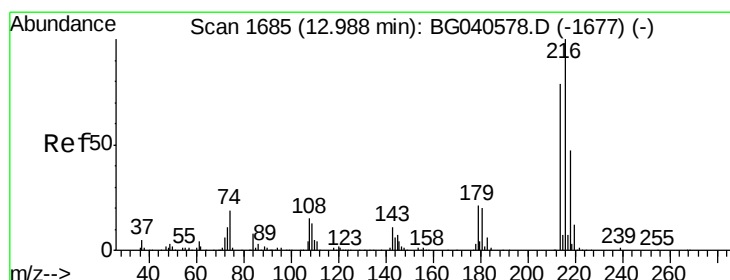
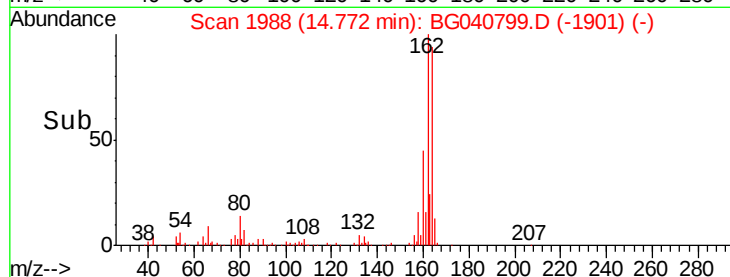
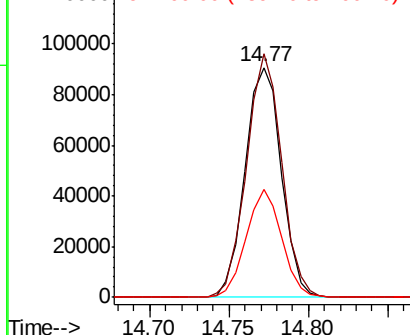


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.804 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Tgt Ion:216 Resp: 219227

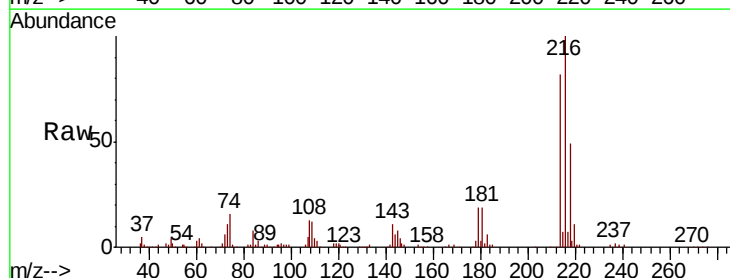
Ion Ratio Lower Upper

216 100

214 79.9 63.7 95.5

179 19.4 16.6 24.8

108 17.7 14.7 22.1



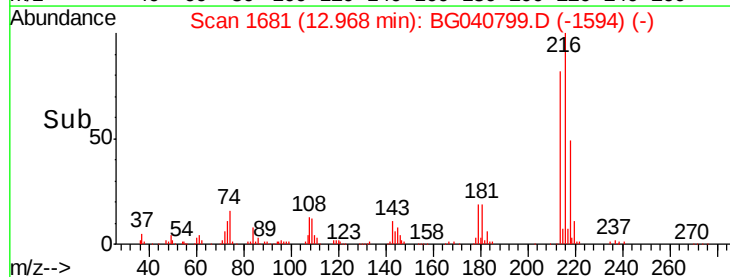
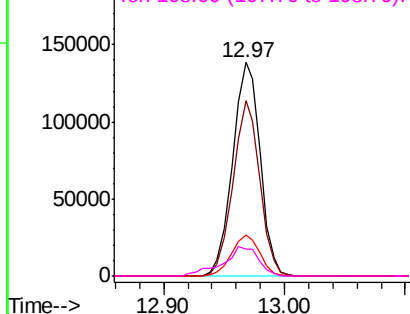
Abundance

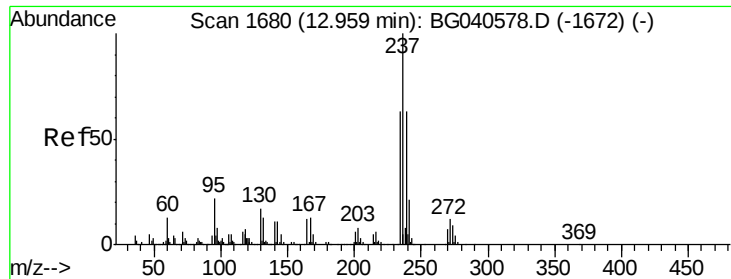
Ion 216.00 (215.70 to 216.70): E

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

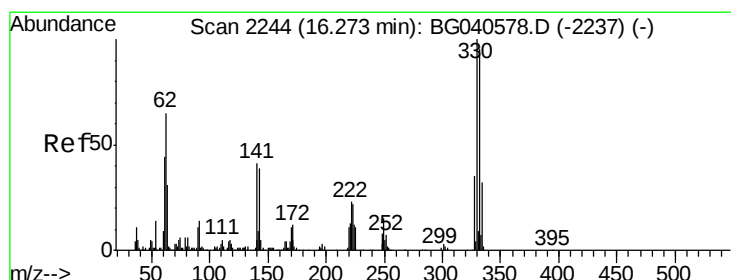
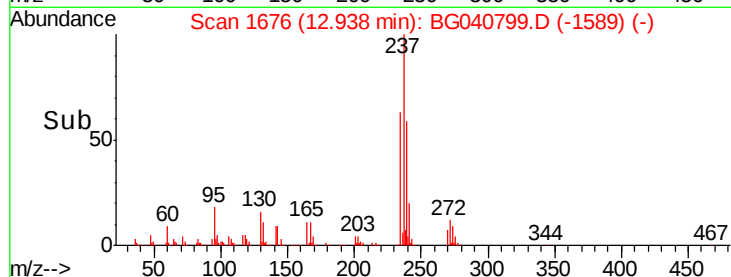
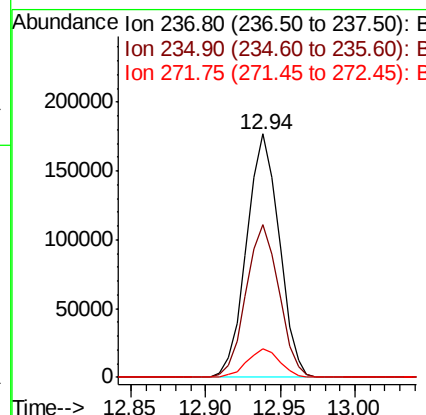
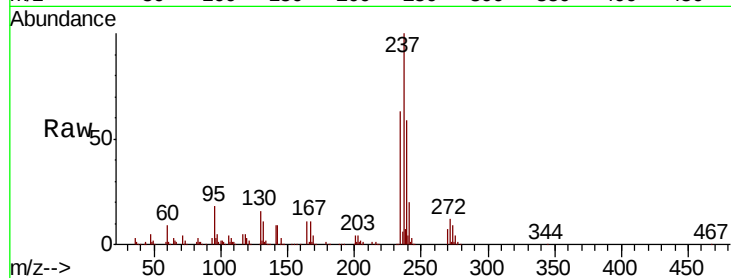




#41  
Hexachlorocyclopentadiene  
Concen: 84.351 ng  
RT: 12.94 min Scan# 1676  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

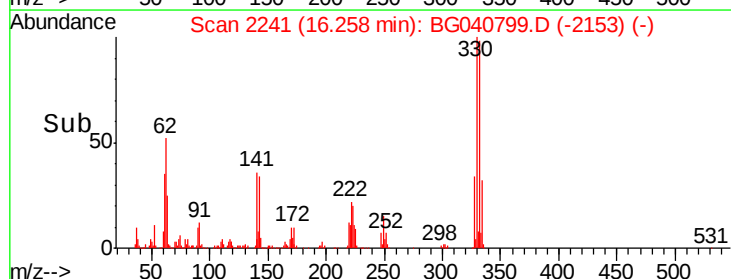
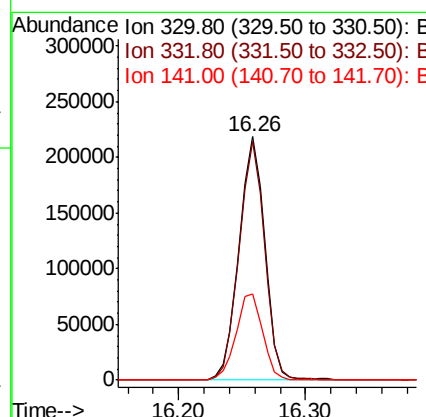
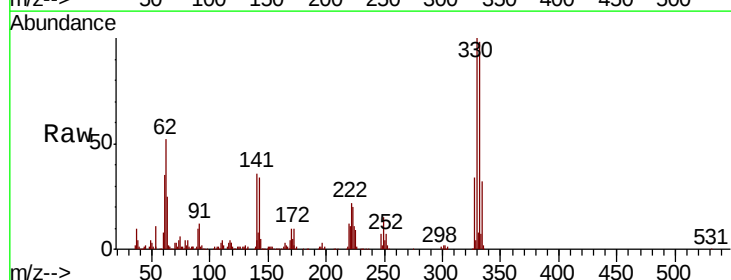
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

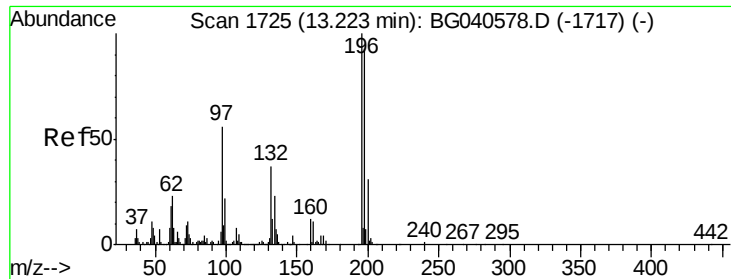
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.5  | 42.5  | 82.5  |
| 272     | 11.8  | 0.0   | 31.6  |



#42  
2,4,6-Tribromophenol  
Concen: 155.493 ng  
RT: 16.26 min Scan# 2241  
Delta R.T. -0.01 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.3  | 75.9  | 113.9 |
| 141     | 36.5  | 32.4  | 48.6  |

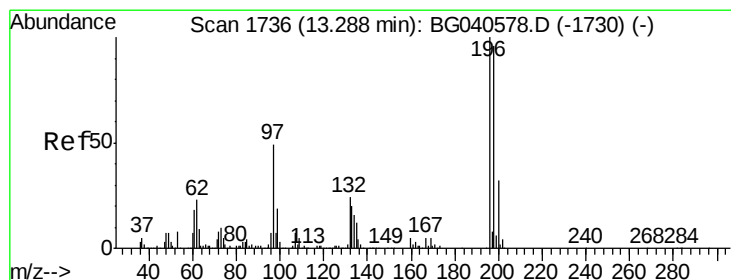
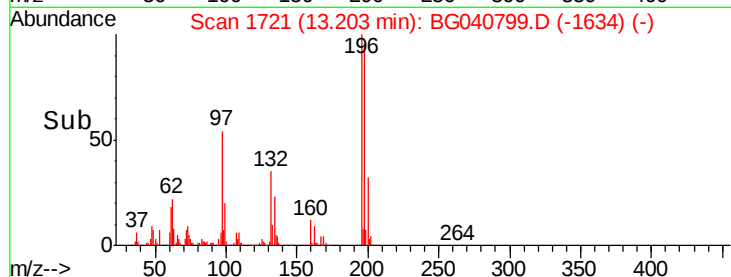
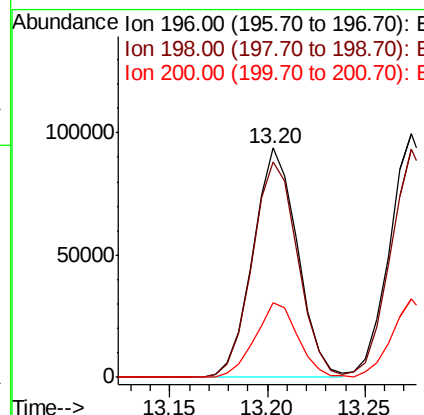
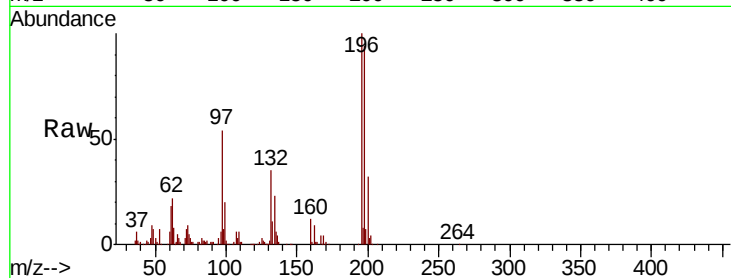




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.642 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

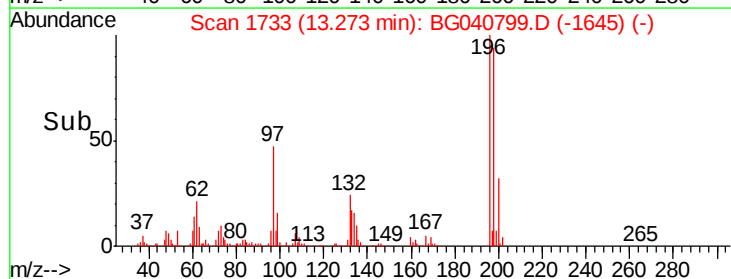
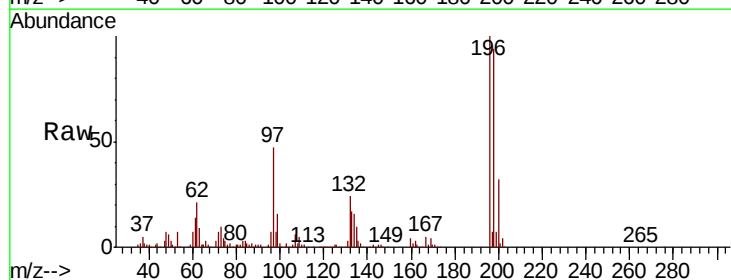
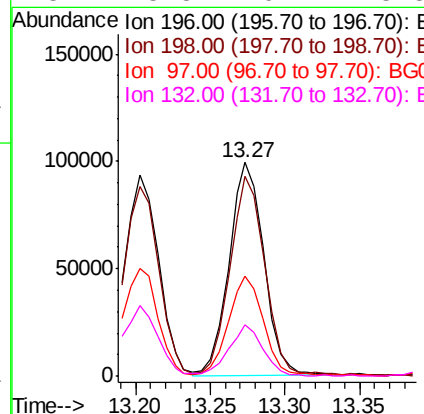
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

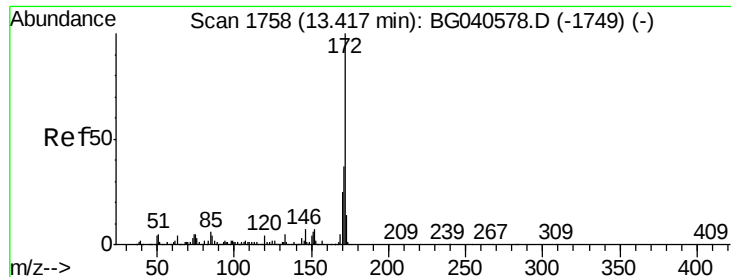
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.0  | 74.8  | 112.2 |
| 200     | 32.4  | 24.9  | 37.3  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.630 ng  
 RT: 13.27 min Scan# 1733  
 Delta R.T. -0.01 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.7  | 77.0  | 115.6 |
| 97      | 46.8  | 40.0  | 60.0  |
| 132     | 23.8  | 19.2  | 28.8  |

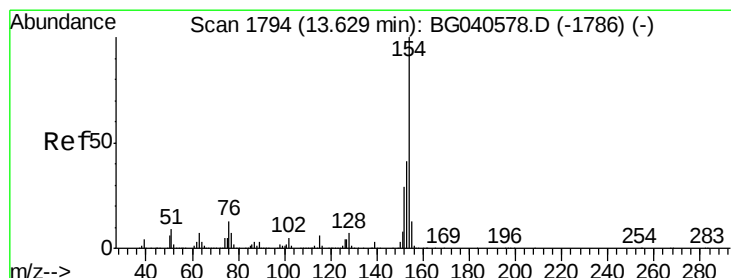
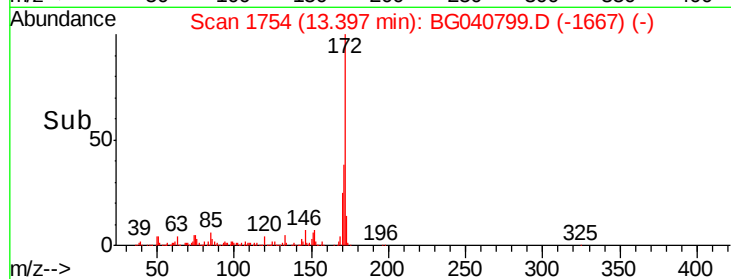
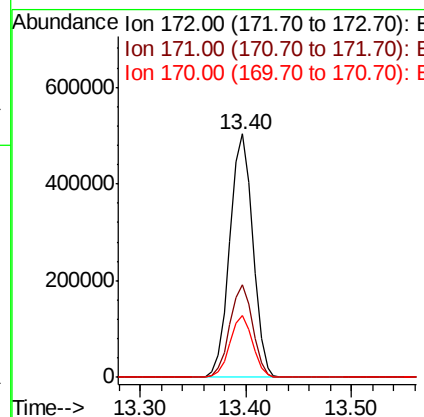
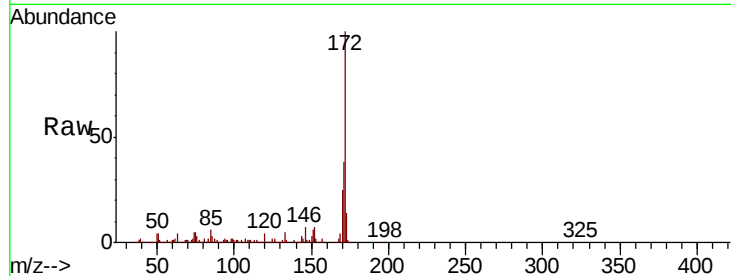




#45  
2-Fluorobiphenyl  
Concen: 76.007 ng  
RT: 13.40 min Scan# 1754  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

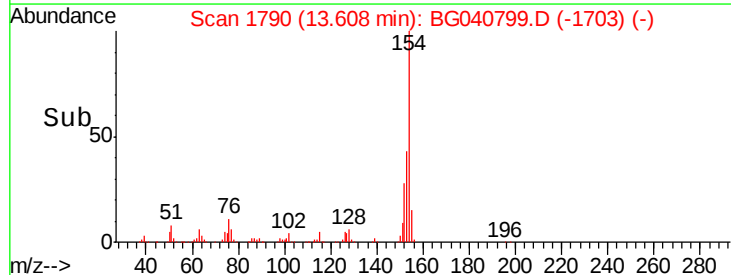
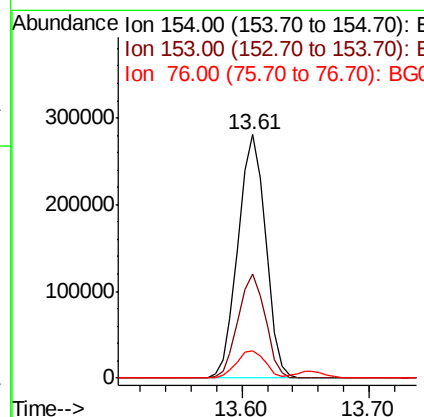
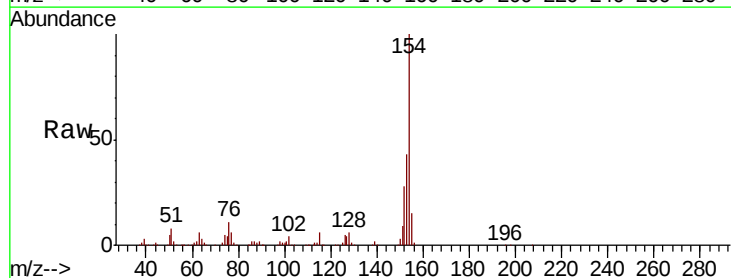
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

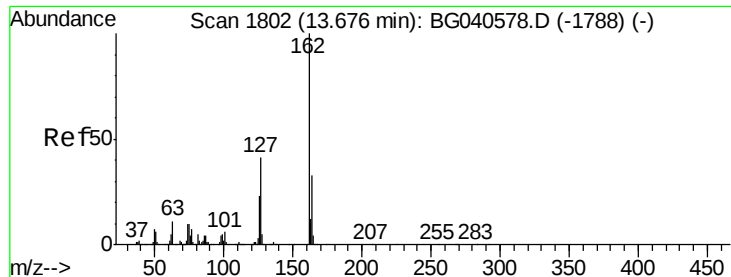
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.0  | 29.4  | 44.2  |
| 170     | 25.3  | 19.9  | 29.9  |



#46  
1,1'-Biphenyl  
Concen: 37.860 ng  
RT: 13.61 min Scan# 1790  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.5  | 20.5  | 60.5  |
| 76      | 11.5  | 0.0   | 32.5  |

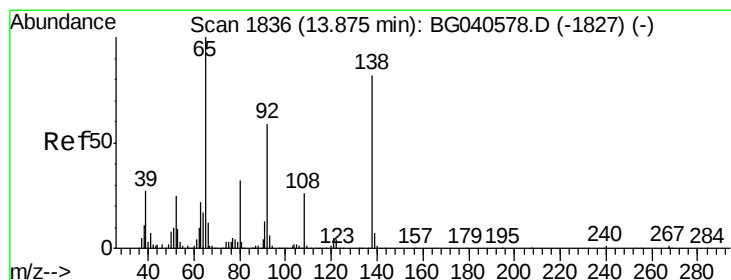
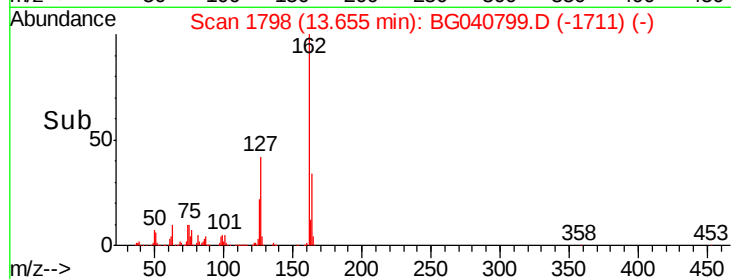
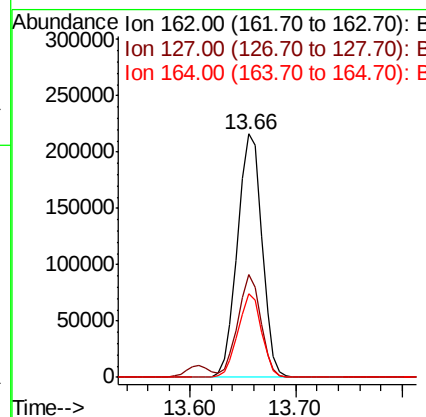
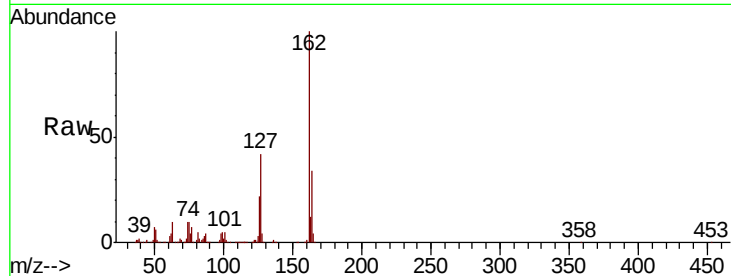




#47  
 2-Chloronaphthalene  
 Concen: 39.365 ng  
 RT: 13.66 min Scan# 1798  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

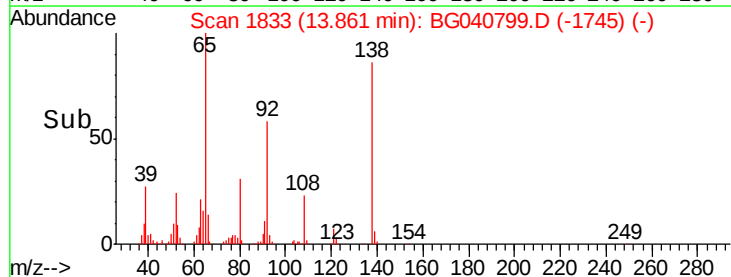
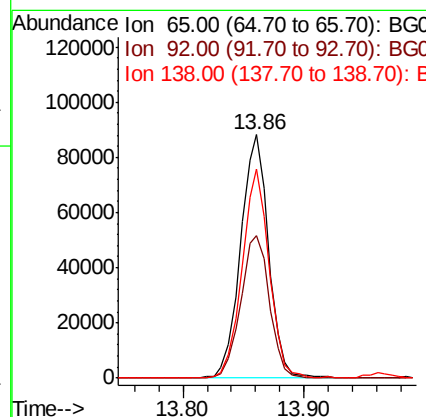
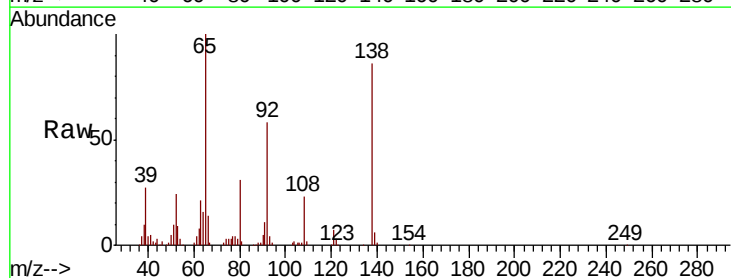
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.0  | 33.0  | 49.4  |
| 164     | 34.3  | 26.8  | 40.2  |



#48  
 2-Nitroaniline  
 Concen: 45.499 ng  
 RT: 13.86 min Scan# 1833  
 Delta R.T. -0.01 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 58.3  | 47.4  | 71.0  |
| 138     | 86.0  | 66.1  | 99.1  |





#49

Acenaphthylene

Concen: 37.152 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

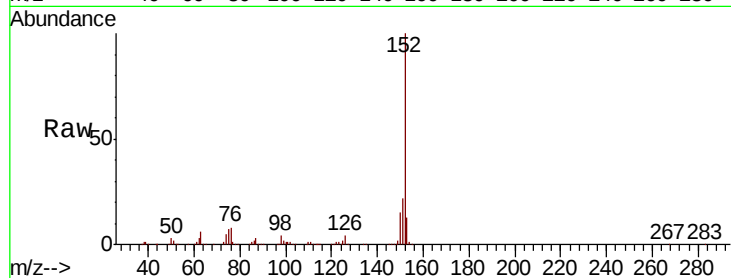
Tot Ion:152 Resp: 552362

Ion Ratio Lower Upper

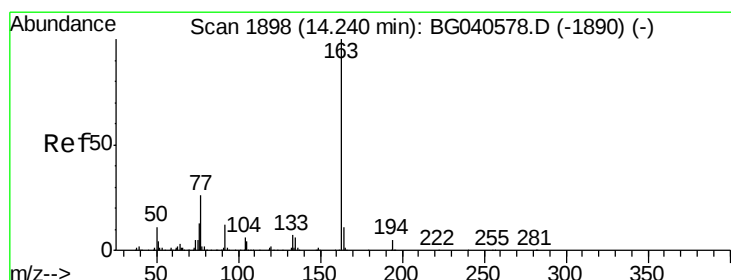
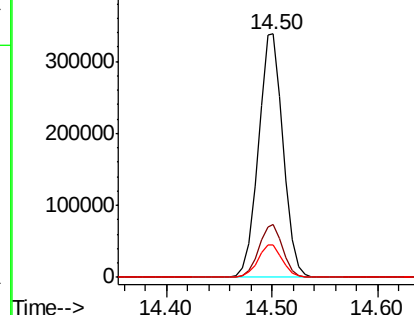
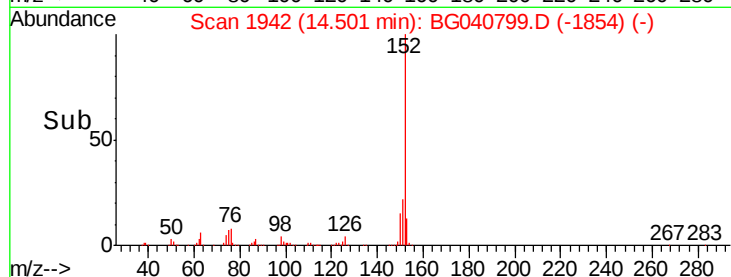
152 100

151 21.9 17.2 25.8

153 13.2 10.7 16.1



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: 38.954 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

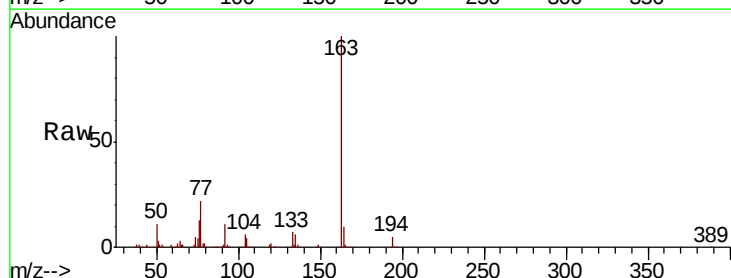
Tgt Ion:163 Resp: 470057

Ion Ratio Lower Upper

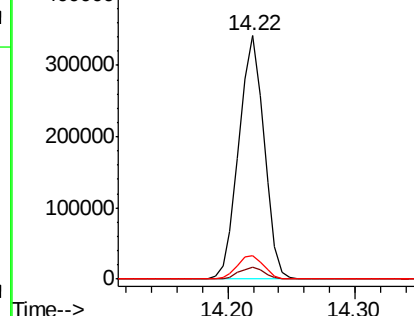
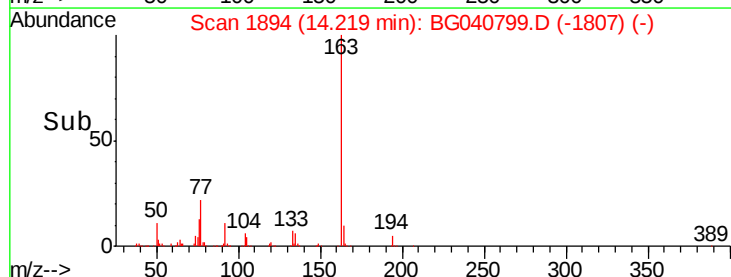
163 100

194 4.7 3.8 5.8

164 9.8 8.8 13.2



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: 44.316 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

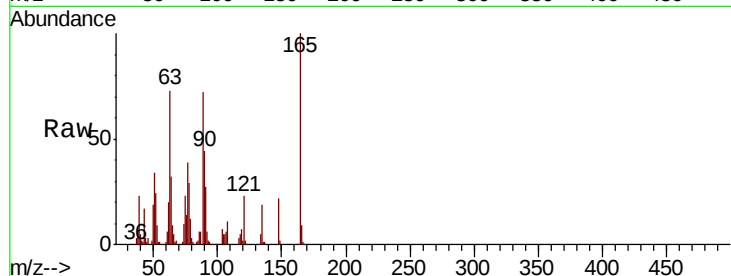
Tot Ion:165 Resp: 104369

Ion Ratio Lower Upper

165 100

63 73.5 61.0 91.4

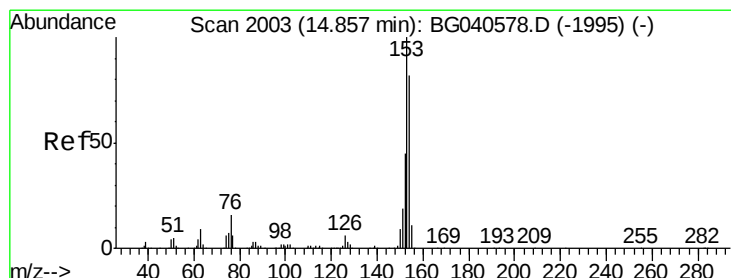
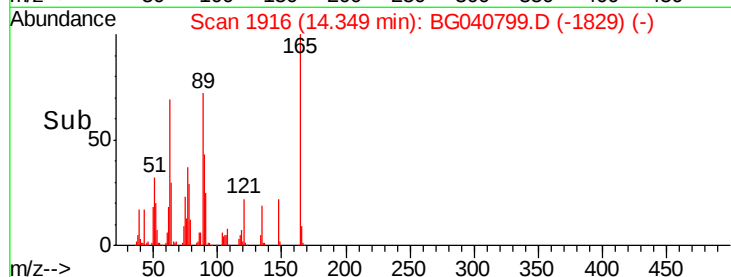
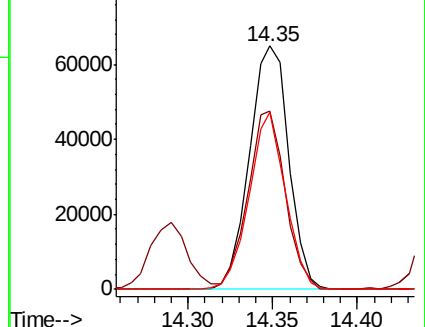
89 72.5 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.933 ng

RT: 14.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

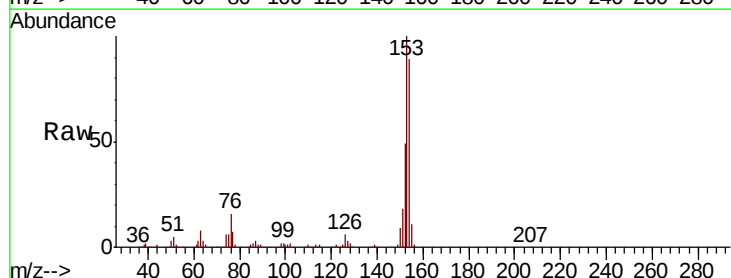
Tgt Ion:154 Resp: 328441

Ion Ratio Lower Upper

154 100

153 112.1 97.0 145.6

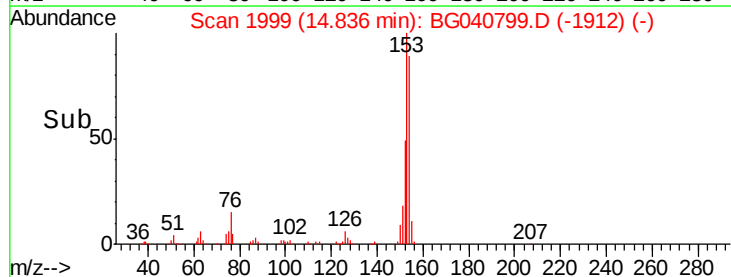
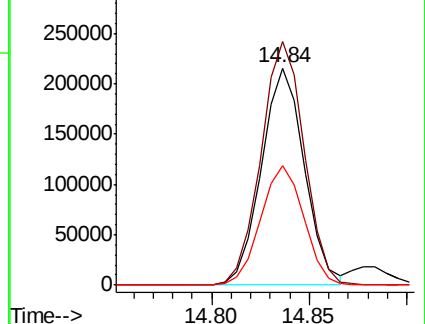
152 54.7 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

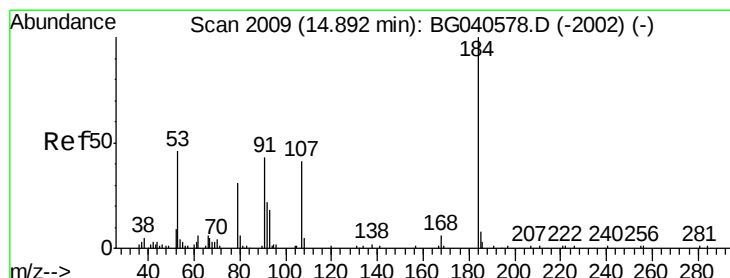
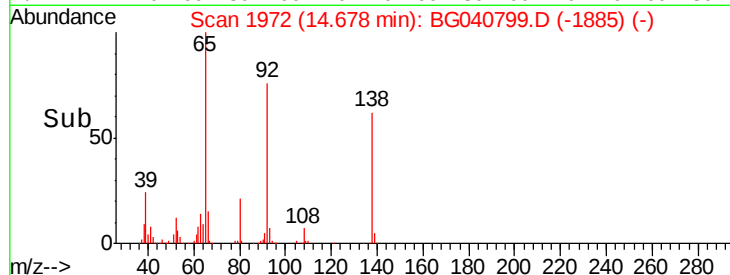
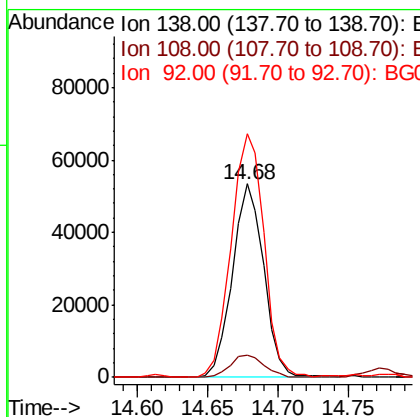
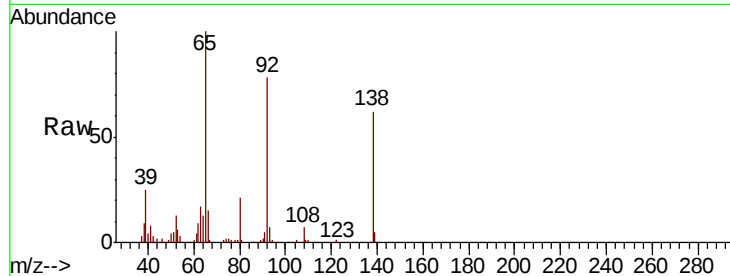




#53  
3-Nitroaniline  
Concen: 34.366 ng  
RT: 14.68 min Scan# 1972  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

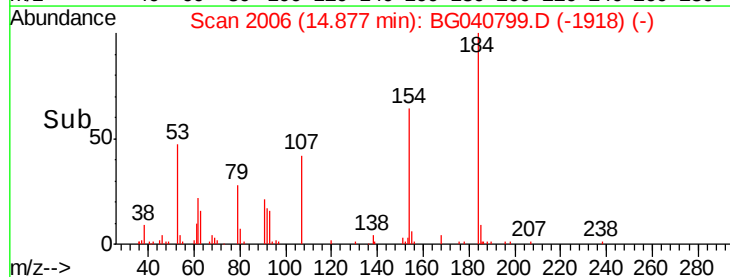
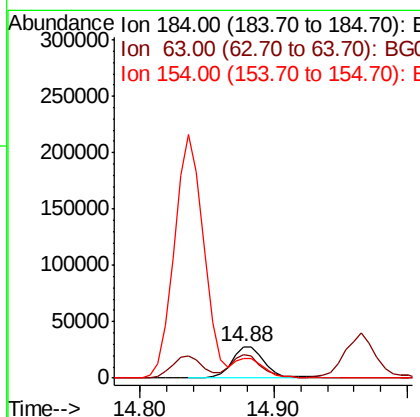
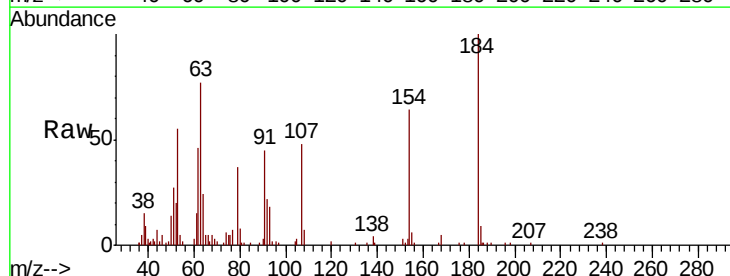
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

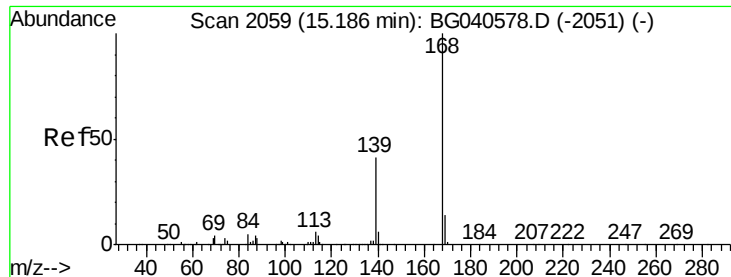
Tot Ion:138 Resp: 82928  
Ion Ratio Lower Upper  
138 100  
108 11.7 12.4 18.6#  
92 125.8 108.6 162.8



#54  
2,4-Dinitrophenol  
Concen: 40.262 ng  
RT: 14.88 min Scan# 2006  
Delta R.T. -0.01 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Tgt Ion:184 Resp: 48405  
Ion Ratio Lower Upper  
184 100  
63 77.4 51.8 77.6  
154 63.8 43.6 65.4

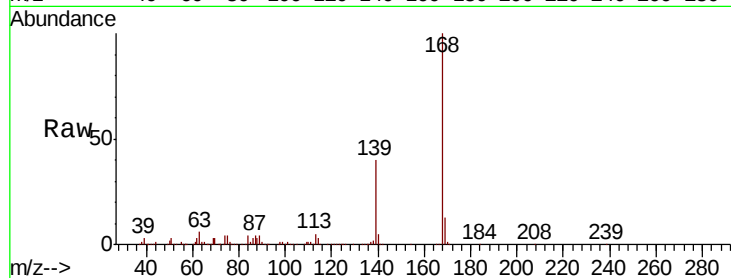




#55  
Dibenzofuran  
Concen: 40.140 ng  
RT: 15.17 min Scan# 2055  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.8  | 33.0  | 49.4  |
| 169     | 13.3  | 11.0  | 16.4  |

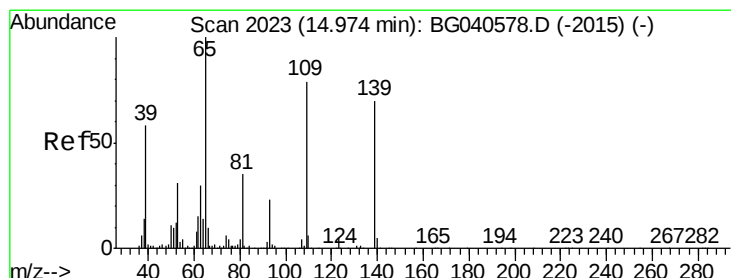
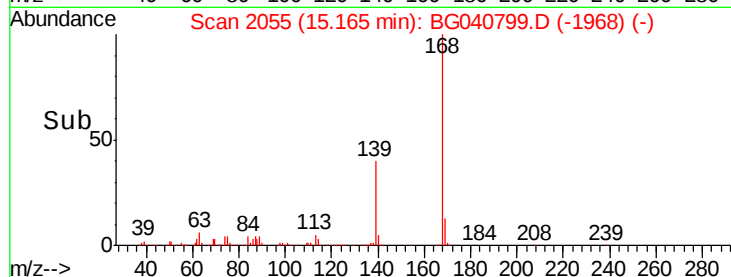
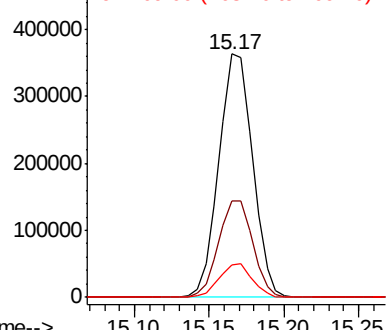


Abundance

Ion 168.00 (167.70 to 168.70): E

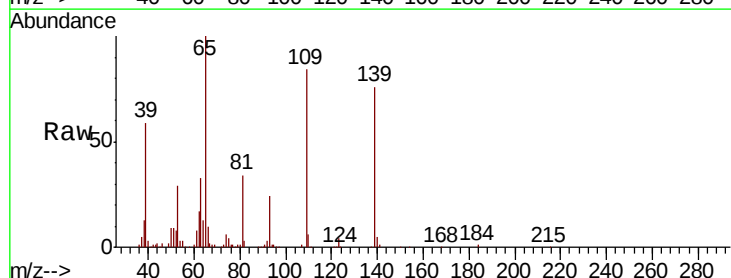
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 71.508 ng  
RT: 14.97 min Scan# 2021  
Delta R.T. -0.01 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 110.6 | 93.8  | 133.8 |
| 65      | 131.4 | 122.7 | 162.7 |

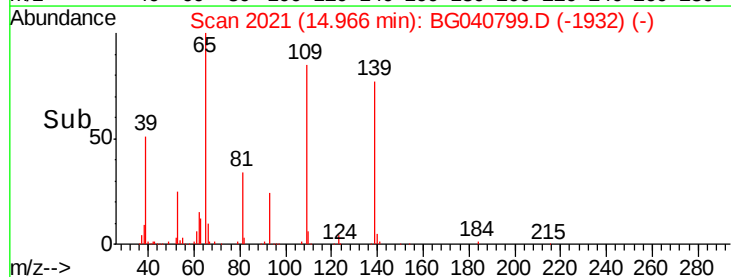
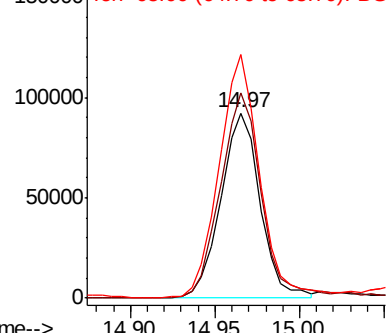


Abundance

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): BGC

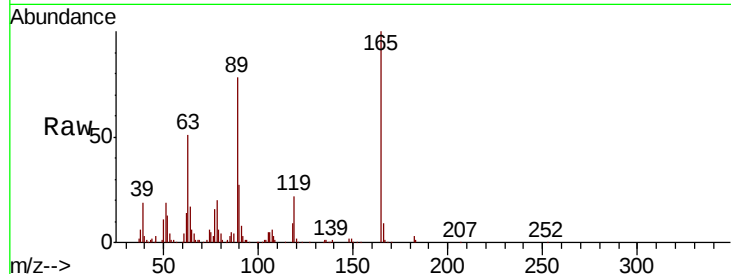




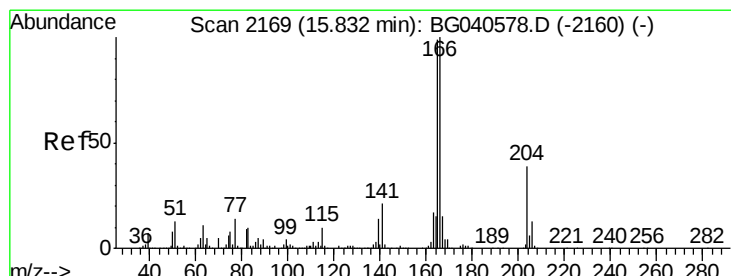
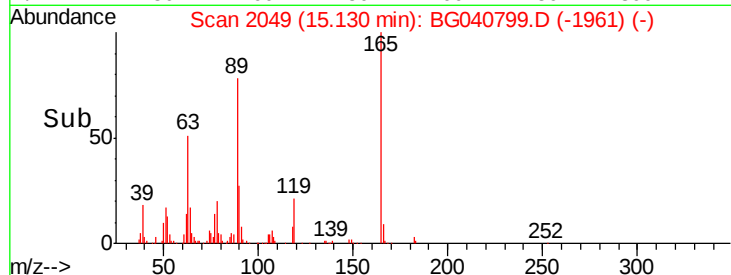
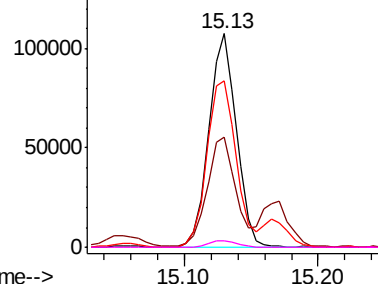
#57  
2,4-Dinitrotoluene  
Concen: 47.929 ng  
RT: 15.13 min Scan# 2049  
Delta R.T. -0.01 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

Tot Ion:165 Resp: 153383  
Ion Ratio Lower Upper  
165 100  
63 51.4 45.8 68.8  
89 78.2 69.4 104.2  
182 3.2 2.2 3.4

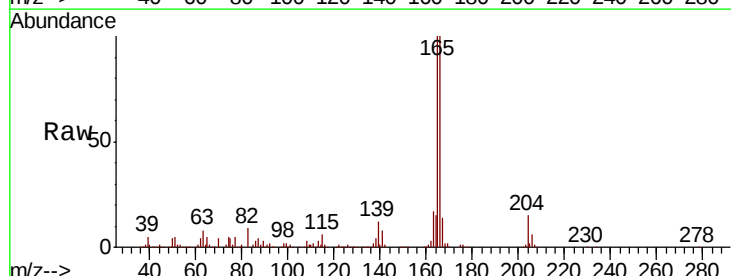


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

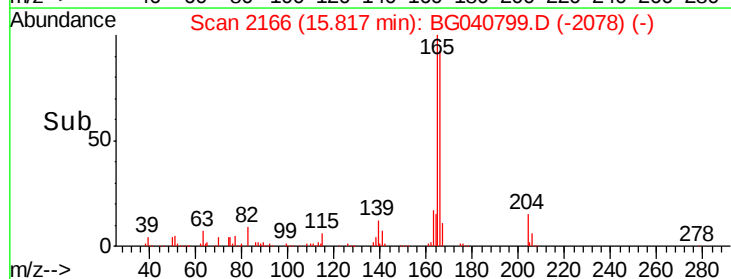
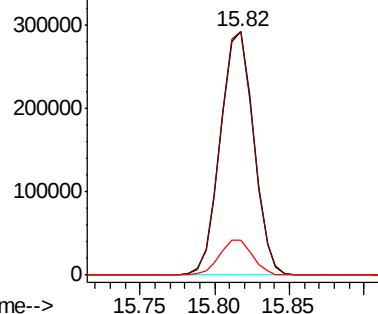


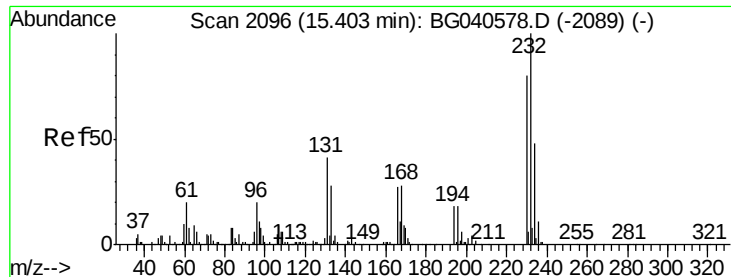
#58  
Fluorene  
Concen: 39.086 ng  
RT: 15.82 min Scan# 2166  
Delta R.T. -0.01 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Tgt Ion:166 Resp: 448029  
Ion Ratio Lower Upper  
166 100  
165 100.1 79.6 119.4  
167 14.2 12.2 18.2



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

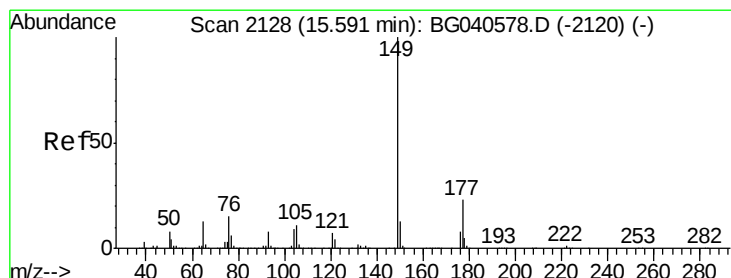
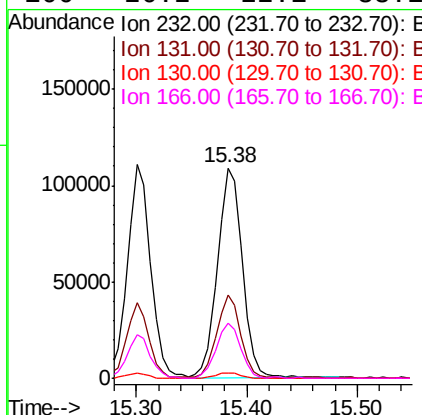
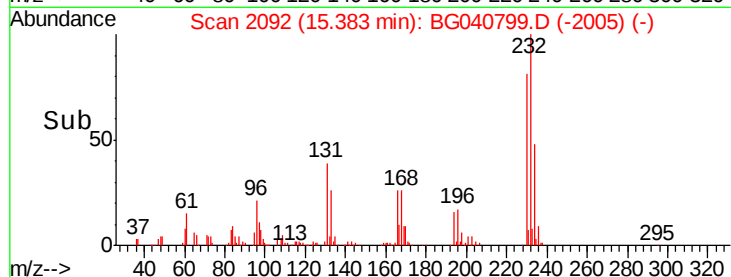
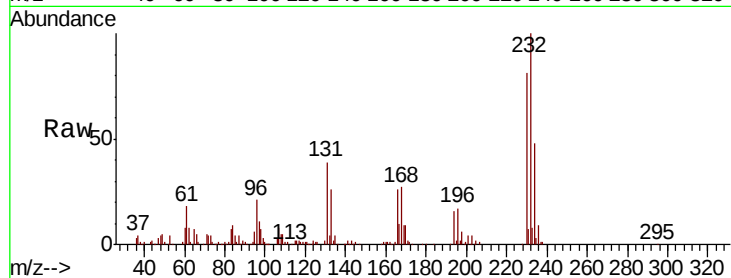




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.928 ng  
 RT: 15.38 min Scan# 2092  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

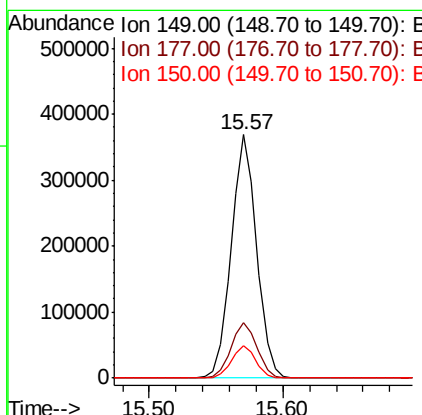
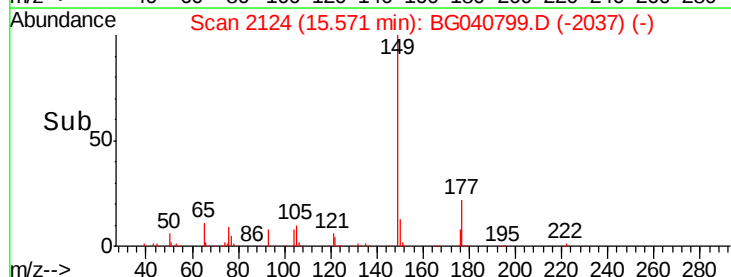
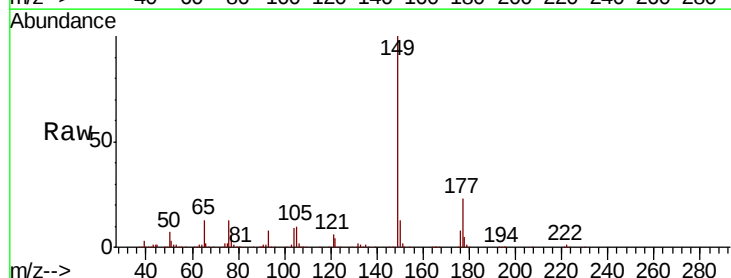
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:232 | Resp: | 170619      |
| Ion         | Ratio | Lower Upper |
| 232         | 100   |             |
| 131         | 37.4  | 33.0 49.4   |
| 130         | 2.5   | 2.0 3.0     |
| 166         | 26.2  | 22.1 33.1   |



#60  
 Diethylphthalate  
 Concen: 38.280 ng  
 RT: 15.57 min Scan# 2124  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:149 | Resp: | 487366      |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 177         | 22.6  | 18.5 27.7   |
| 150         | 13.1  | 10.2 15.4   |

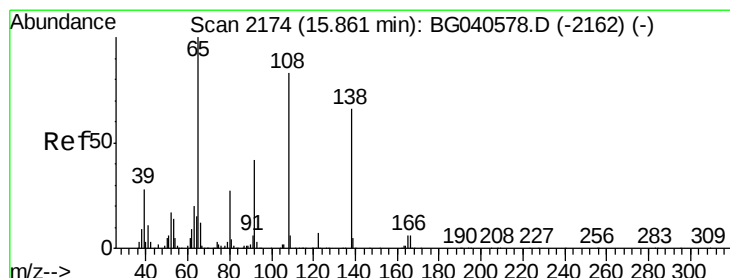
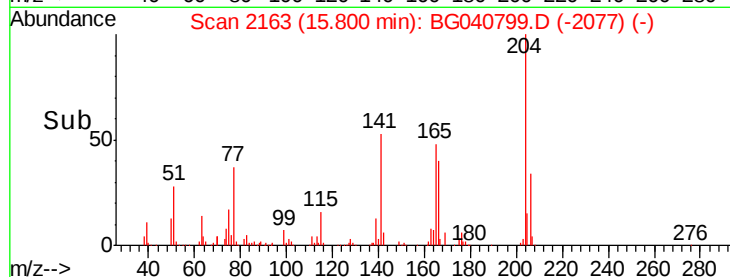
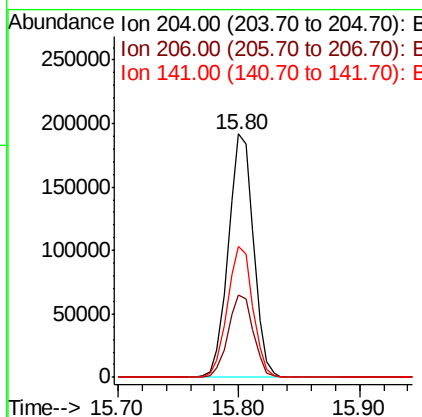
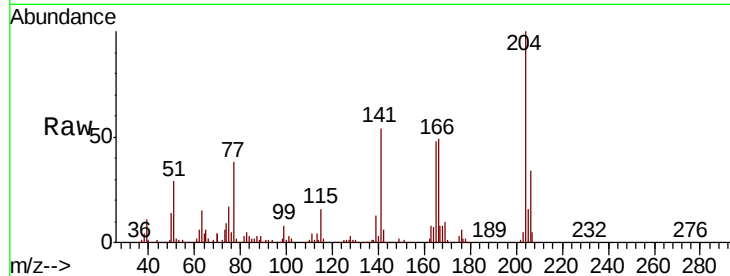




#61  
4-Chlorophenyl-phenylether  
Concen: 41.451 ng  
RT: 15.80 min Scan# 2163  
Delta R.T. -0.03 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

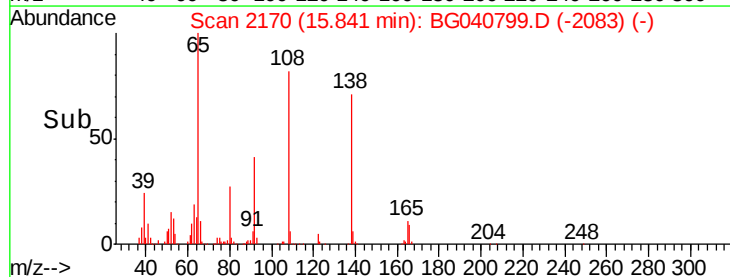
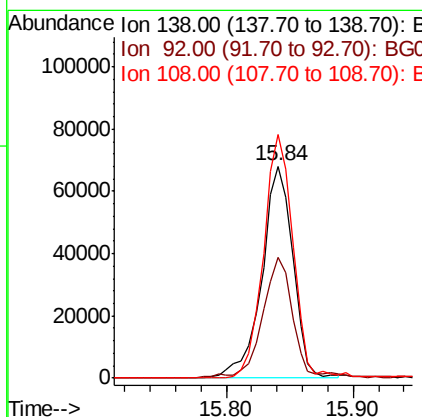
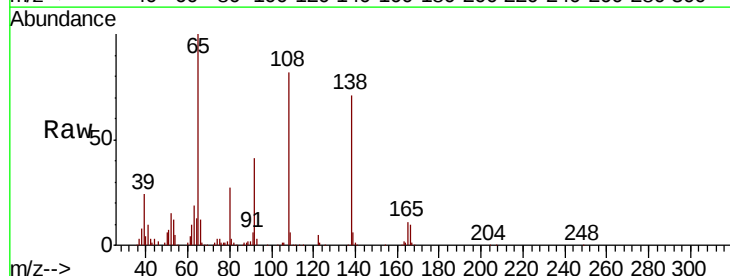
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

Tot Ion:204 Resp: 276343  
Ion Ratio Lower Upper  
204 100  
206 33.6 27.4 41.2  
141 53.8 46.0 69.0



#62  
4-Nitroaniline  
Concen: 43.093 ng  
RT: 15.84 min Scan# 2170  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Tgt Ion:138 Resp: 116322  
Ion Ratio Lower Upper  
138 100  
92 57.2 43.9 83.9  
108 114.9 106.5 146.5

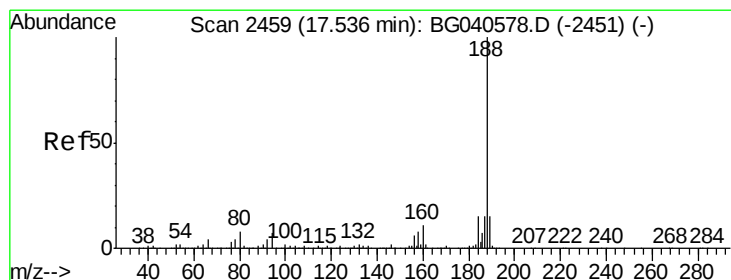
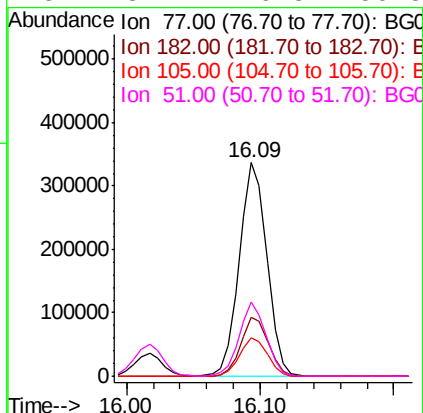
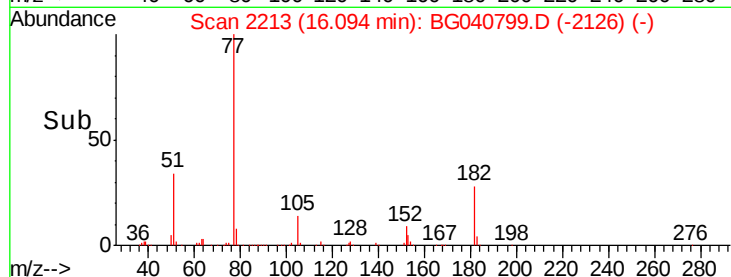
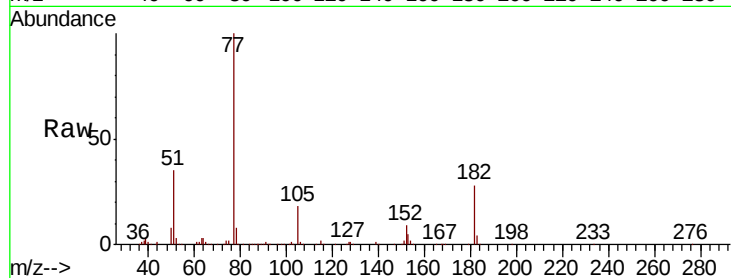




#63  
Azobenzene  
Concen: 36.586 ng  
RT: 16.09 min Scan# 2213  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

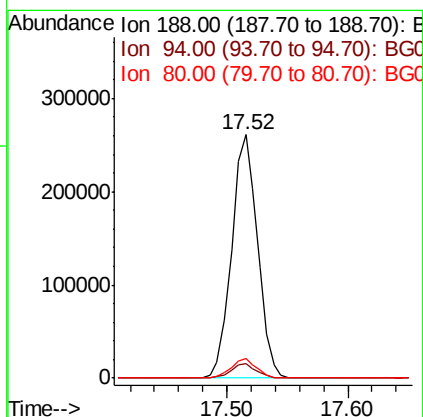
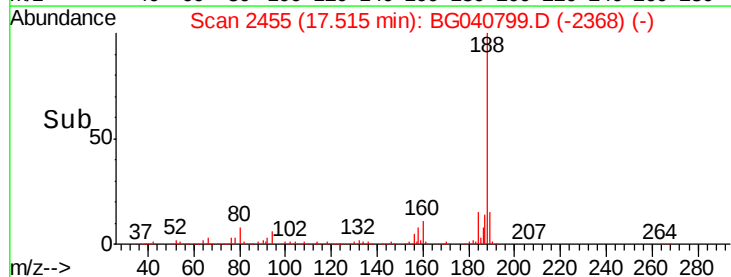
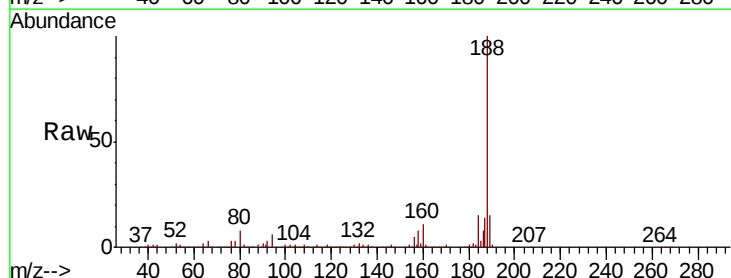
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

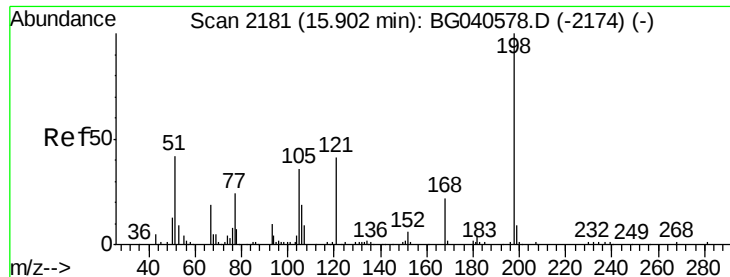
| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 77      | 77  | 100   |       |       |
| 182     | 182 | 27.8  | 5.0   | 45.0  |
| 105     | 105 | 18.1  | 0.0   | 37.6  |
| 51      | 51  | 34.7  | 16.3  | 56.3  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.52 min Scan# 2455  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 188 | 100   |       |       |
| 94      | 94  | 6.1   | 5.6   | 8.4   |
| 80      | 80  | 7.8   | 6.4   | 9.6   |

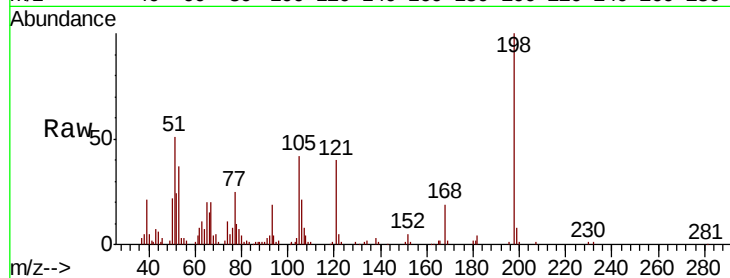




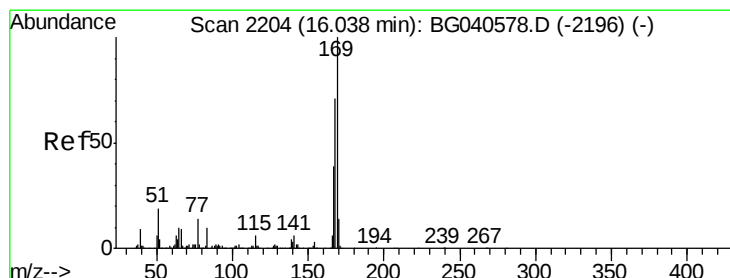
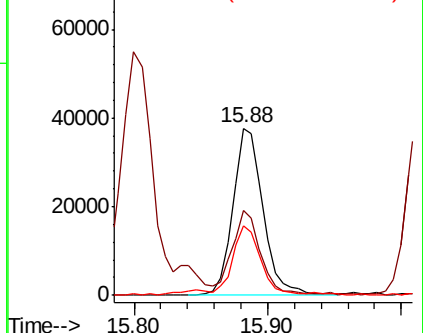
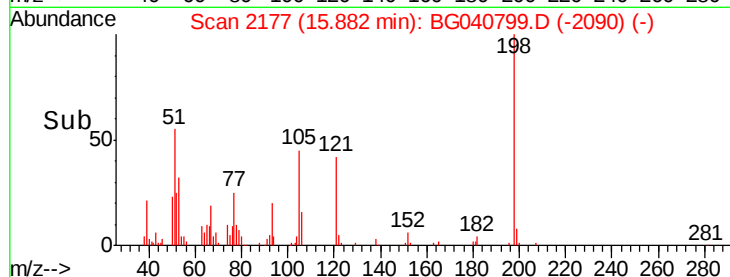
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 33.420 ng  
 RT: 15.88 min Scan# 2177  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

Tot Ion:198 Resp: 59339  
 Ion Ratio Lower Upper  
 198 100  
 51 51.3 35.9 75.9  
 105 41.8 21.2 61.2

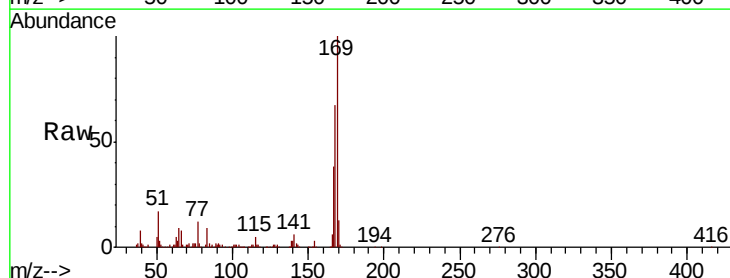


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

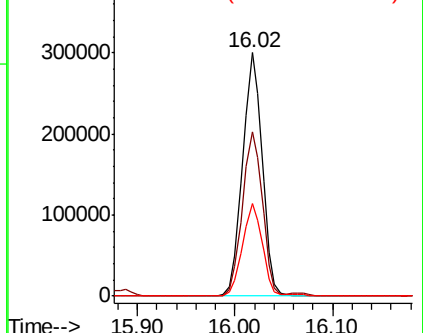
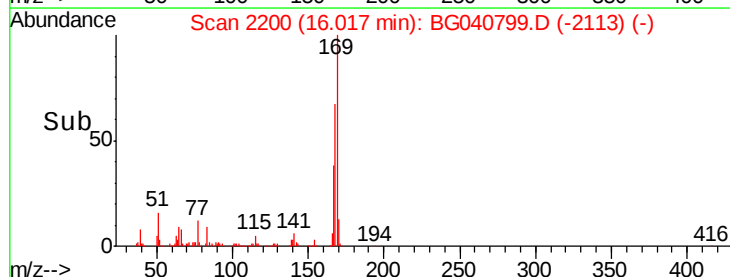


#66  
 n-Nitrosodiphenylamine  
 Concen: 36.776 ng  
 RT: 16.02 min Scan# 2200  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

Tgt Ion:169 Resp: 421849  
 Ion Ratio Lower Upper  
 169 100  
 168 67.3 56.8 85.2  
 167 38.0 31.4 47.0



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

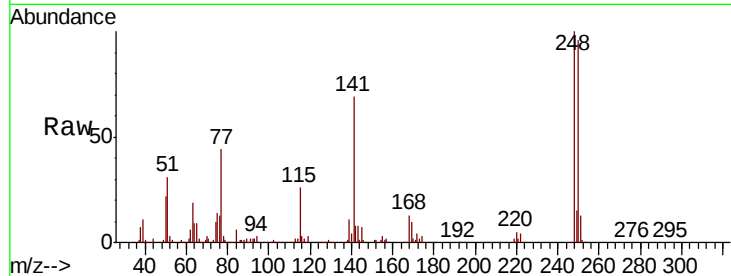




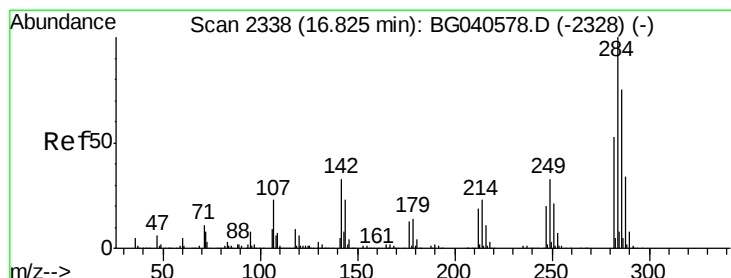
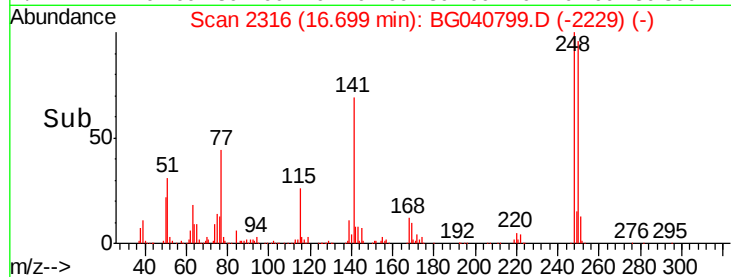
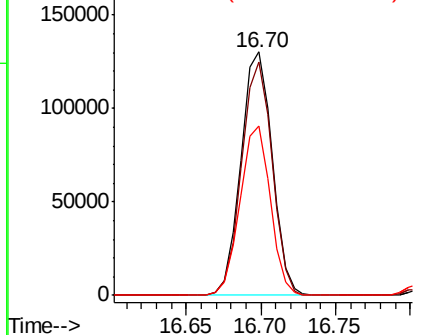
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.863 ng  
 RT: 16.70 min Scan# 2316  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

Tot Ion:248 Resp: 188773  
 Ion Ratio Lower Upper  
 248 100  
 250 95.8 79.8 119.6  
 141 69.4 60.8 91.2

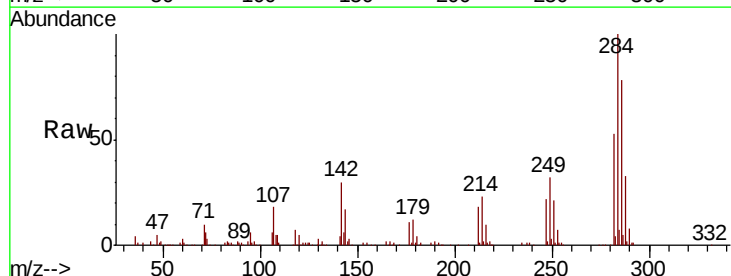


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

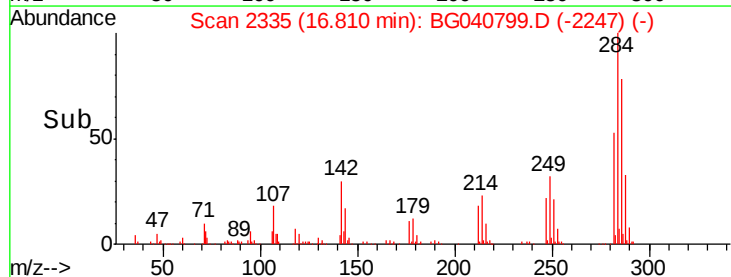
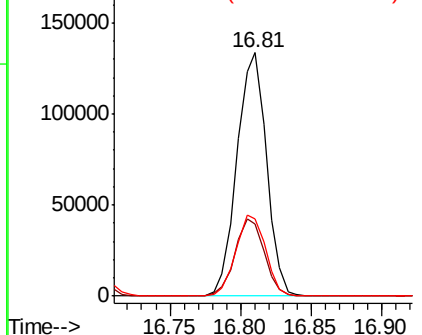


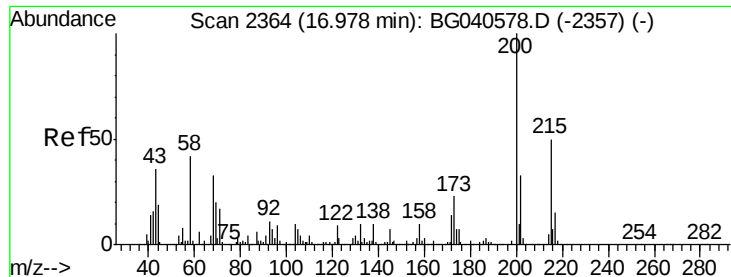
#68  
 Hexachlorobenzene  
 Concen: 38.833 ng  
 RT: 16.81 min Scan# 2335  
 Delta R.T. -0.01 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

Tgt Ion:284 Resp: 195041  
 Ion Ratio Lower Upper  
 284 100  
 142 29.7 26.6 40.0  
 249 31.5 26.0 39.0



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: 41.407 ng

RT: 16.96 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

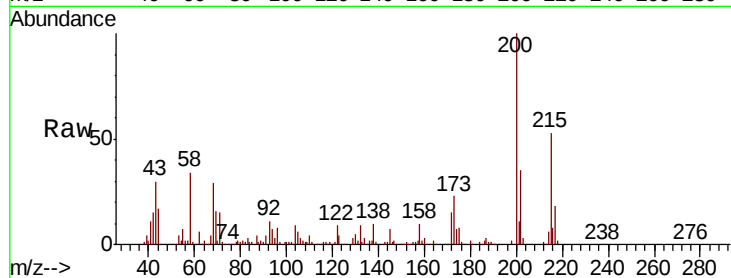
Tot Ion:200 Resp: 188183

Ion Ratio Lower Upper

200 100

173 22.9 2.8 42.8

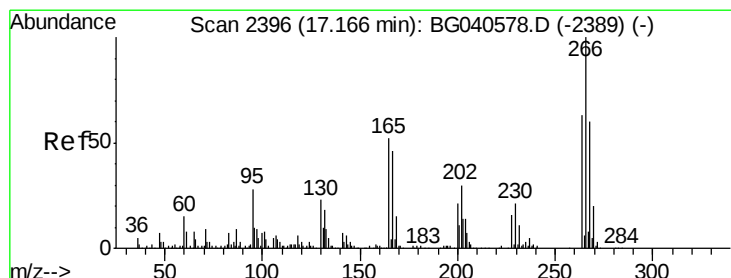
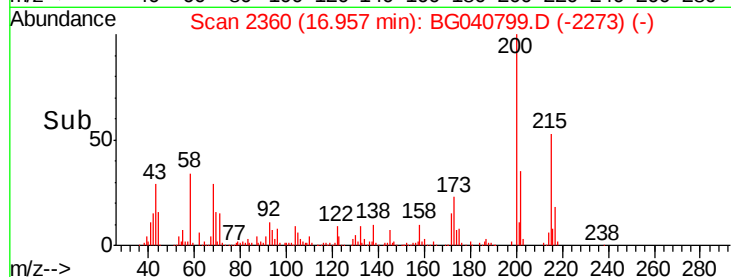
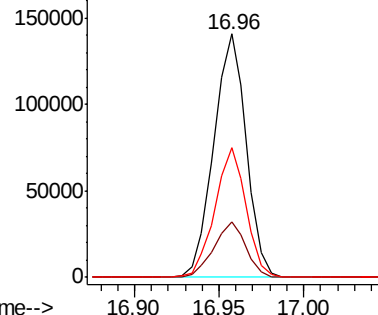
215 53.5 30.2 70.2



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: 76.787 ng

RT: 17.15 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

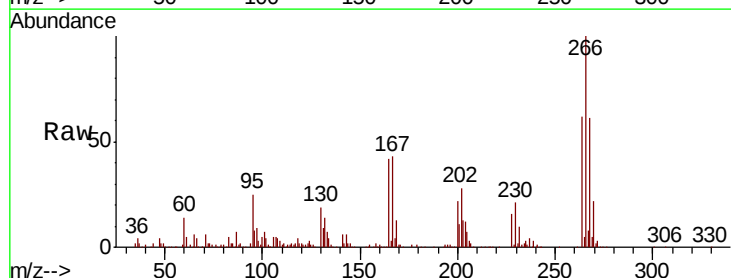
Tgt Ion:266 Resp: 225682

Ion Ratio Lower Upper

266 100

268 61.0 52.3 78.5

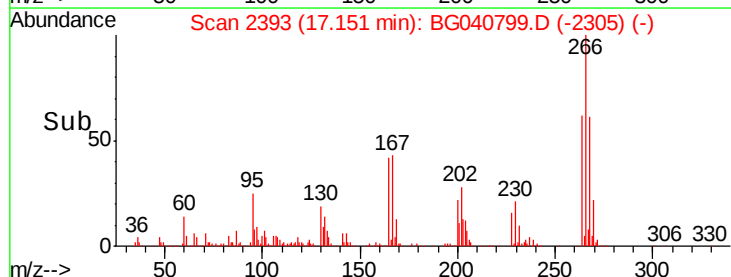
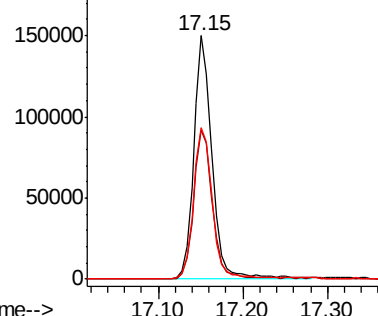
264 62.3 50.0 75.0

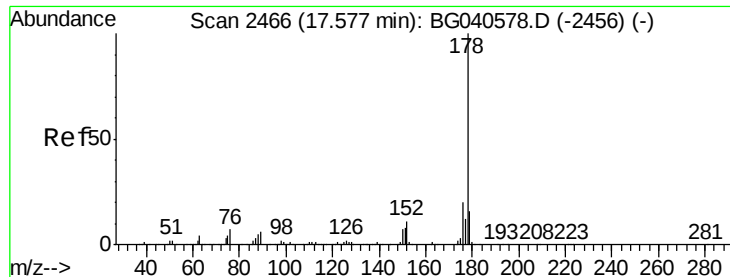


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

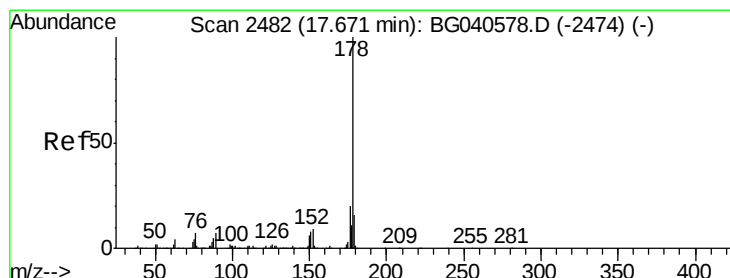
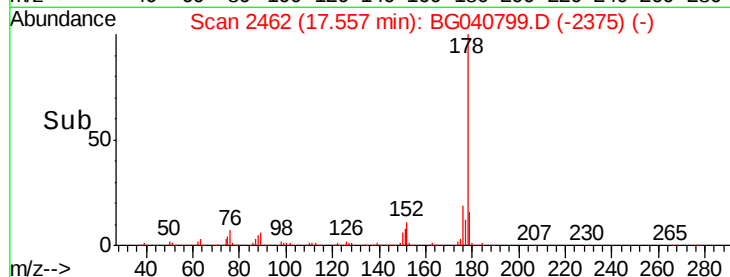
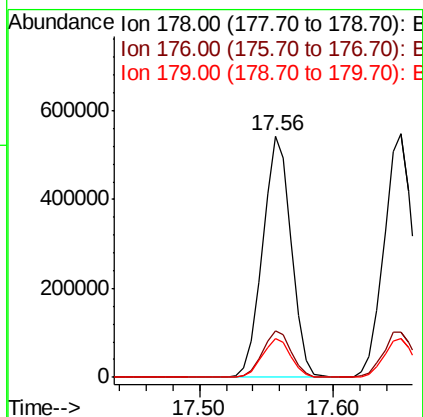
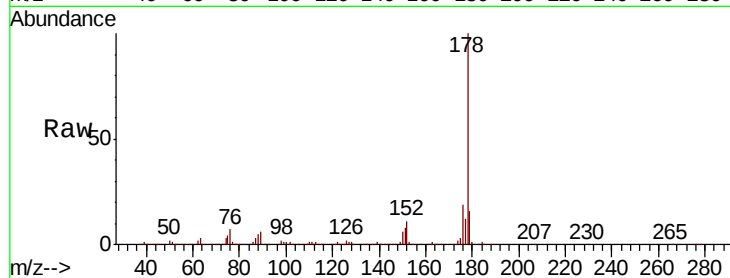




#71  
Phenanthrene  
Concen: 38.096 ng  
RT: 17.56 min Scan# 2462  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

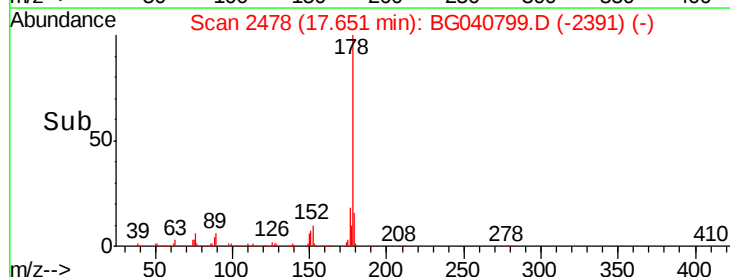
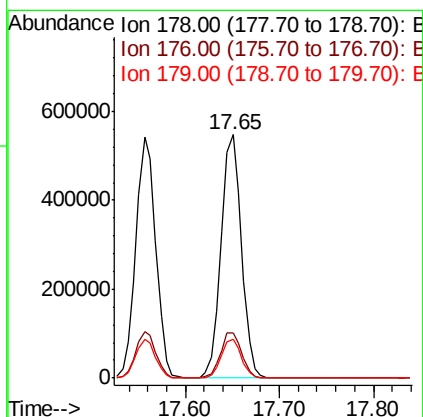
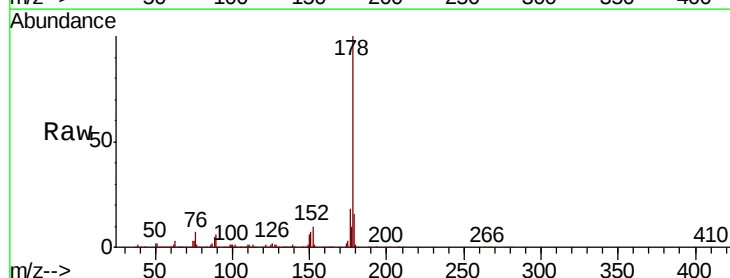
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

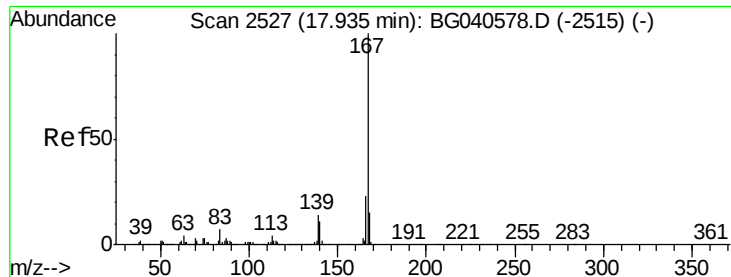
Tot Ion:178 Resp: 800018  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.8 23.6  
179 16.2 12.6 18.8



#72  
Anthracene  
Concen: 39.249 ng  
RT: 17.65 min Scan# 2478  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Tgt Ion:178 Resp: 828495  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.6 23.4  
179 16.1 12.9 19.3

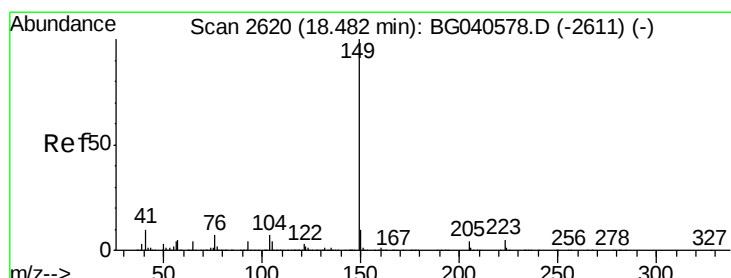
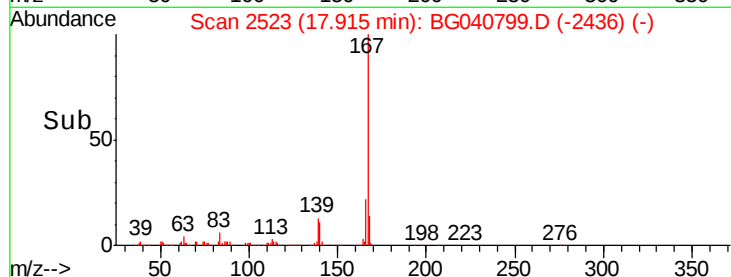
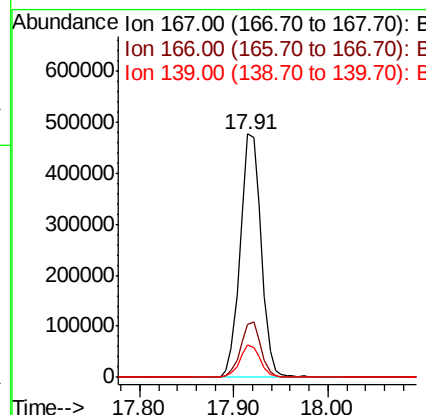
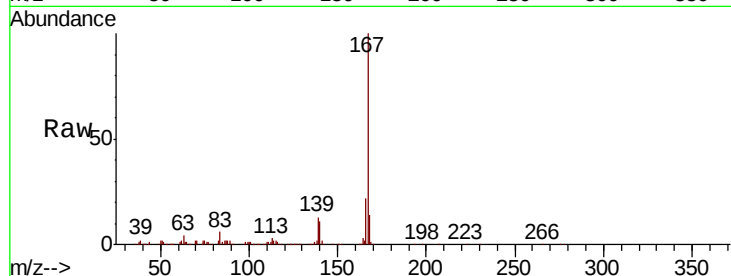




#73  
 Carbazole  
 Concen: 38.351 ng  
 RT: 17.91 min Scan# 2523  
 Delta R.T. -0.02 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

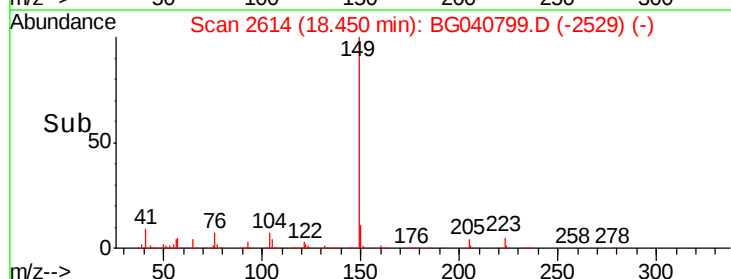
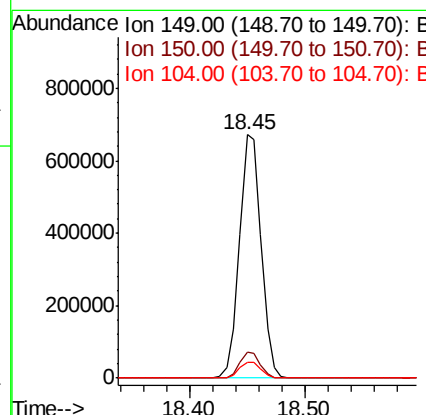
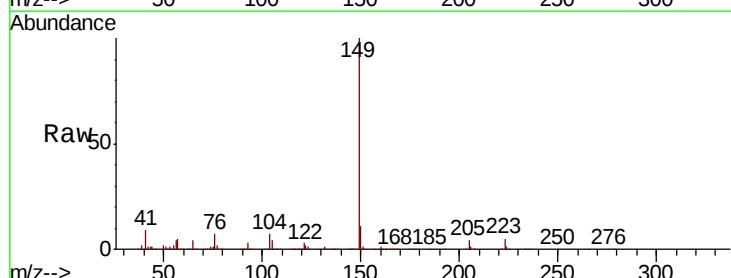
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119558BS

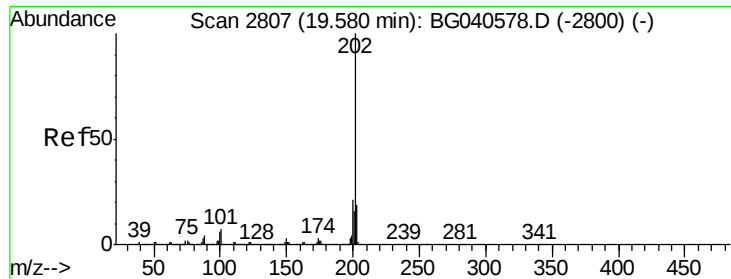
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 18.2  | 27.4  |
| 139     | 13.4  | 11.4  | 17.0  |



#74  
 Di-n-butylphthalate  
 Concen: 37.511 ng  
 RT: 18.45 min Scan# 2614  
 Delta R.T. -0.03 min  
 Lab File: BG040799.D  
 Acq: 8 May 2019 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.5  | 8.2   | 12.2  |
| 104     | 6.7   | 5.4   | 8.2   |





#75

Fluoranthene

Concen: 40.610 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

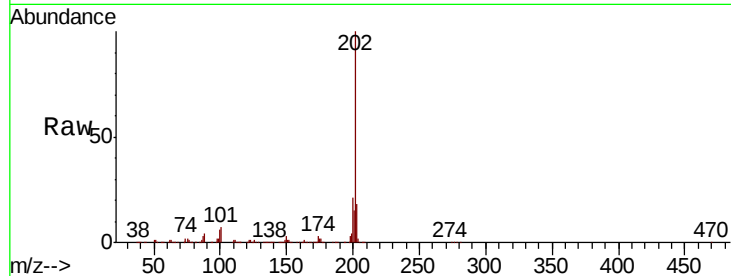
Tot Ion:202 Resp: 1062758

Ion Ratio Lower Upper

202 100

101 6.6 0.0 27.5

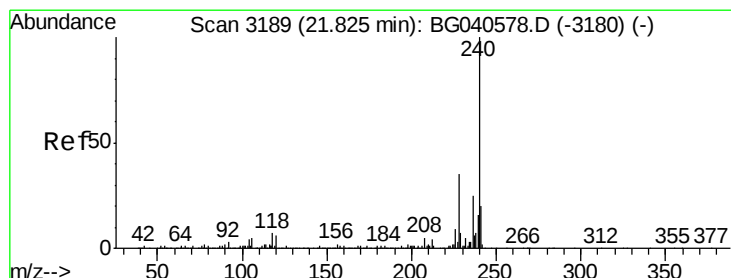
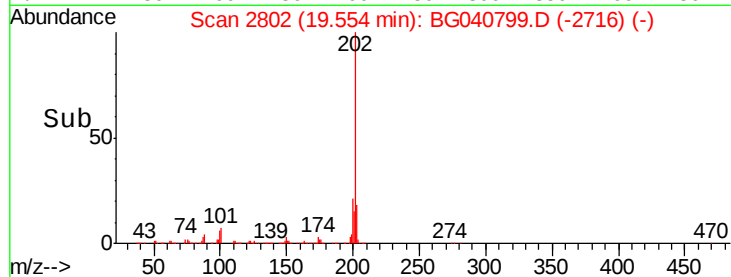
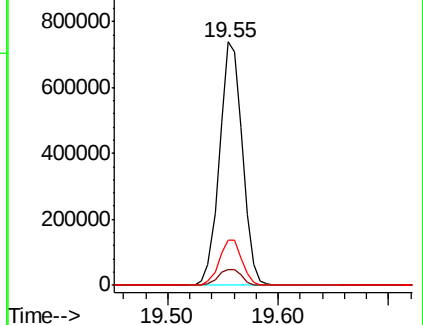
203 18.4 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

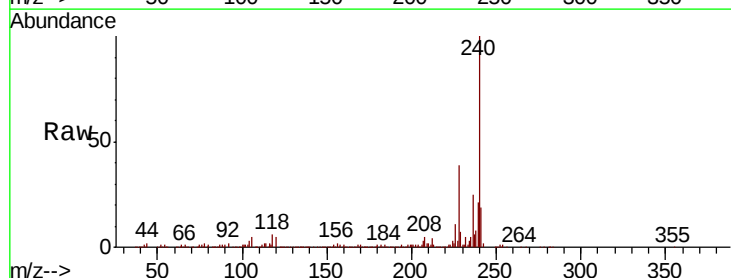
Tgt Ion:240 Resp: 399737

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

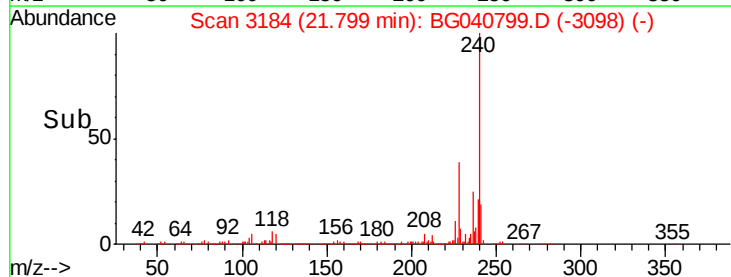
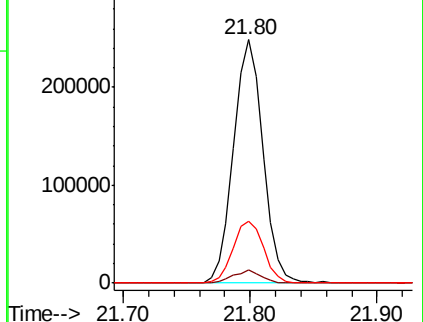
236 25.3 20.3 30.5



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: 32.738 ng

RT: 19.74 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

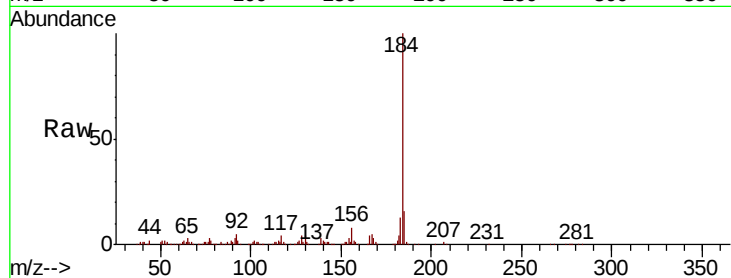
Tot Ion:184 Resp: 358320

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.8

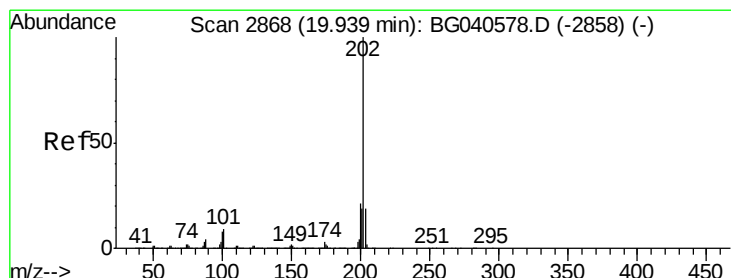
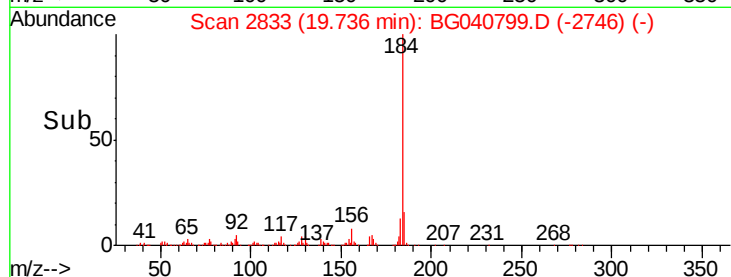
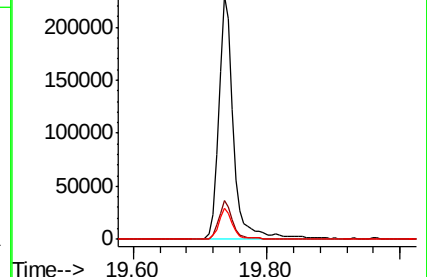
183 12.9 10.2 15.2



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: 42.799 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

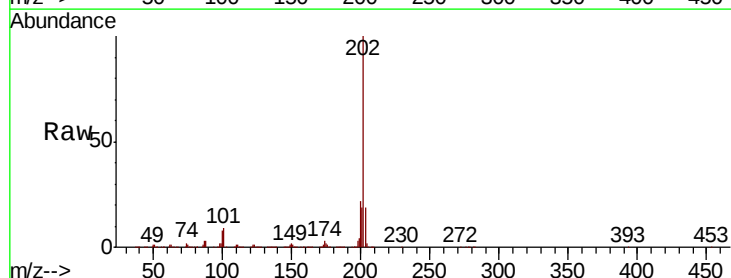
Tgt Ion:202 Resp: 1072271

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

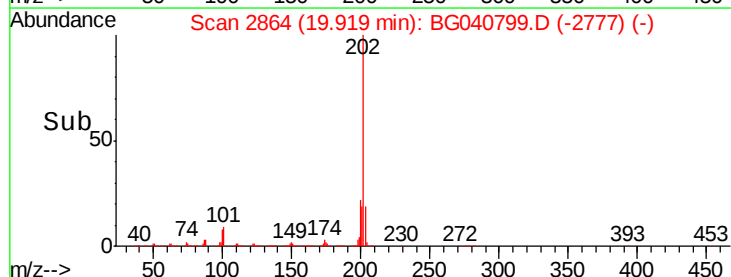
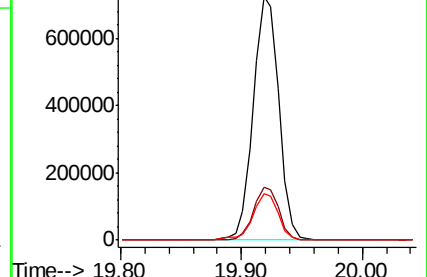
203 19.2 15.0 22.4

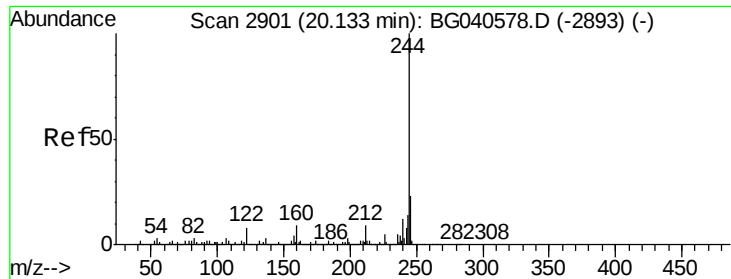


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.843 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

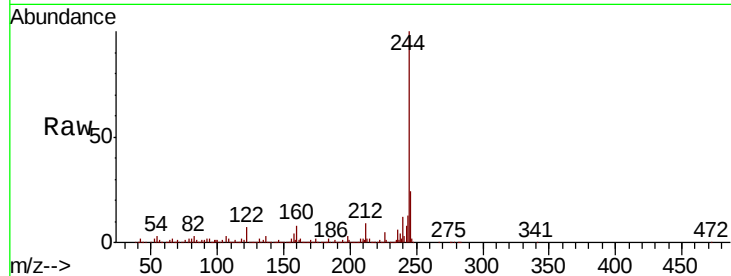
Tot Ion:244 Resp: 1548891

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

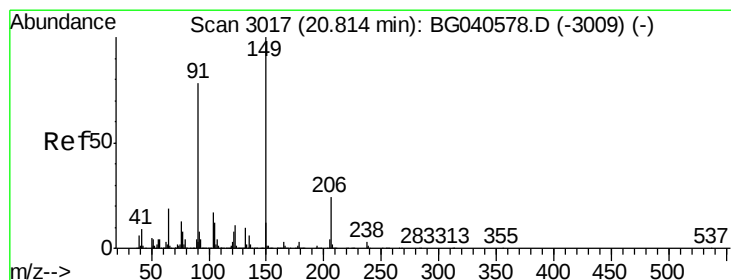
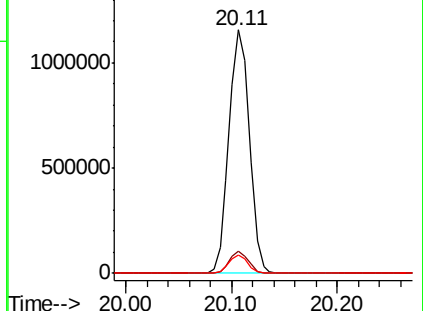
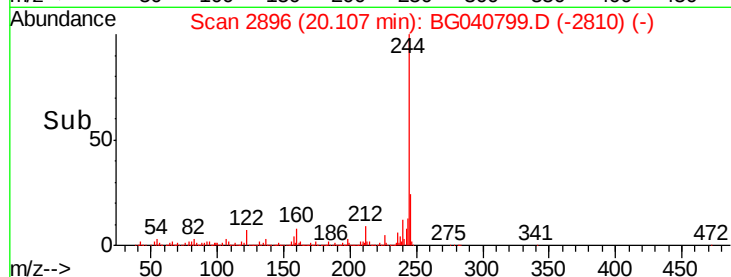
122 7.5 6.6 10.0



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: 42.322 ng

RT: 20.79 min Scan# 3012

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

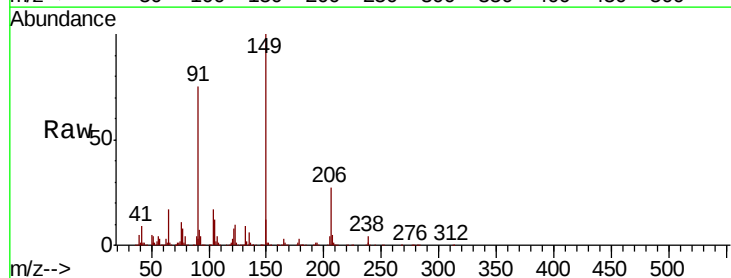
Tgt Ion:149 Resp: 413268

Ion Ratio Lower Upper

149 100

91 75.3 62.6 93.8

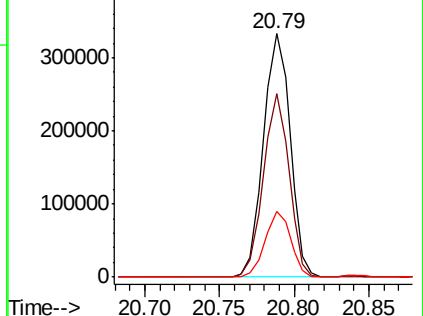
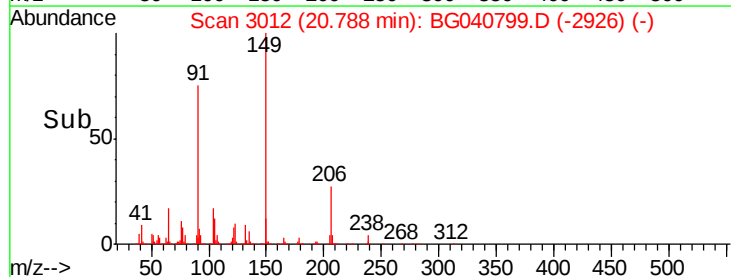
206 26.8 19.4 29.2



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

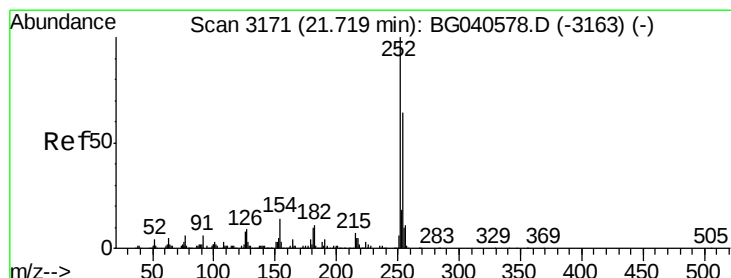
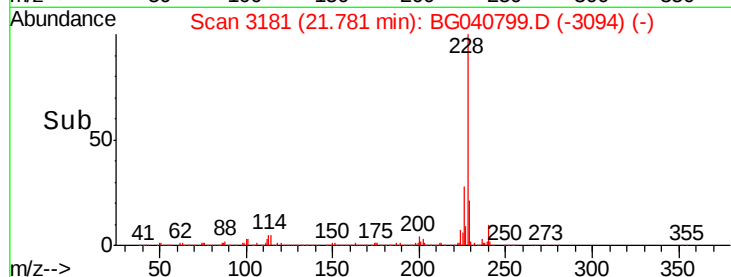
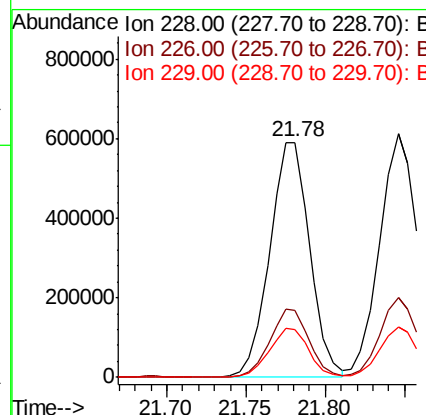
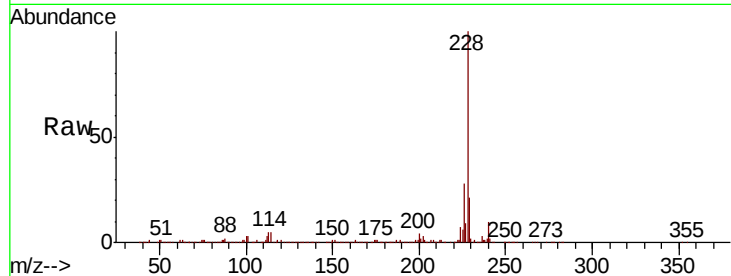




#81  
Benzo(a)anthracene  
Concen: 40.906 ng  
RT: 21.78 min Scan# 3181  
Delta R.T. -0.02 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

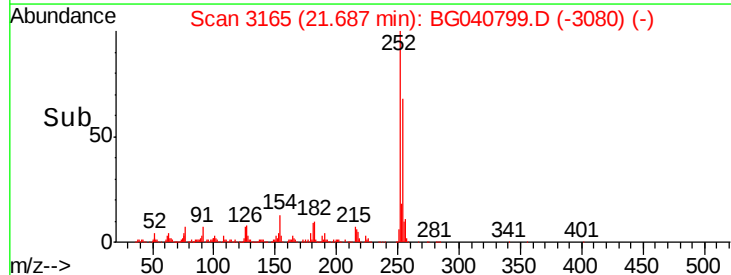
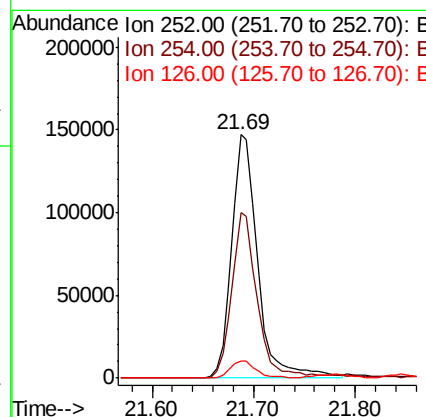
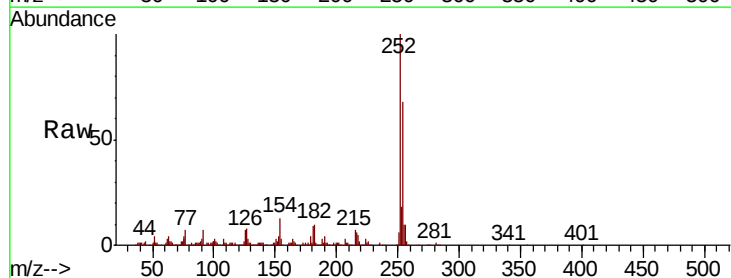
Instrument :  
BNA\_G  
ClientSampleId :  
PB119558BS

Tot Ion:228 Resp: 1033427  
Ion Ratio Lower Upper  
228 100  
226 28.4 23.1 34.7  
229 20.5 17.0 25.4



#82  
3,3'-Dichlorobenzidine  
Concen: 29.300 ng  
RT: 21.69 min Scan# 3165  
Delta R.T. -0.03 min  
Lab File: BG040799.D  
Acq: 8 May 2019 22:12

Tgt Ion:252 Resp: 263834  
Ion Ratio Lower Upper  
252 100  
254 68.2 51.2 76.8  
126 7.2 6.6 10.0





#83

Chrysene

Concen: 42.504 ng

RT: 21.85 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

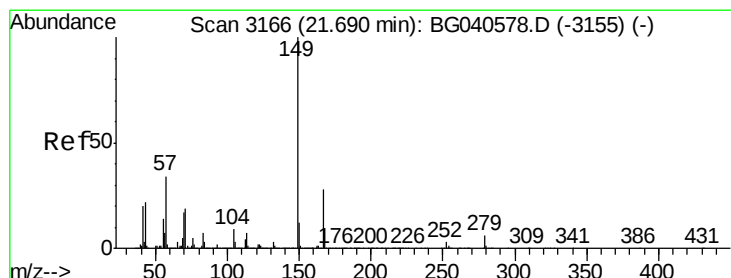
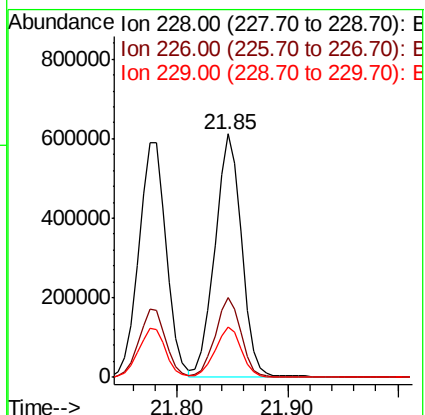
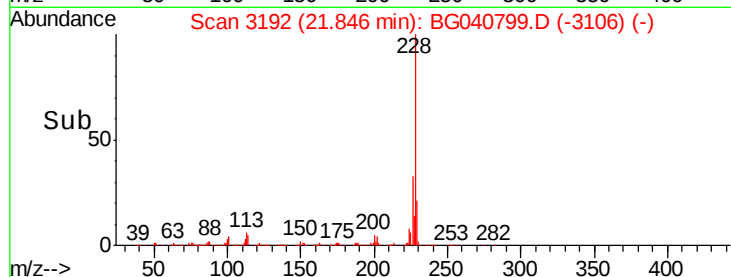
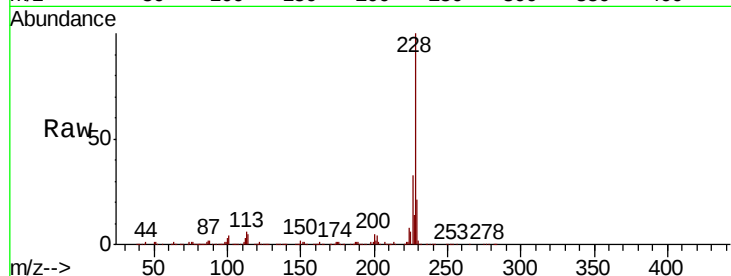
Tot Ion:228 Resp: 1021223

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.7  | 25.5  | 38.3  |
| 229 | 20.7  | 16.8  | 25.2  |

228 100

226 32.7 25.5 38.3

229 20.7 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.589 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.04 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

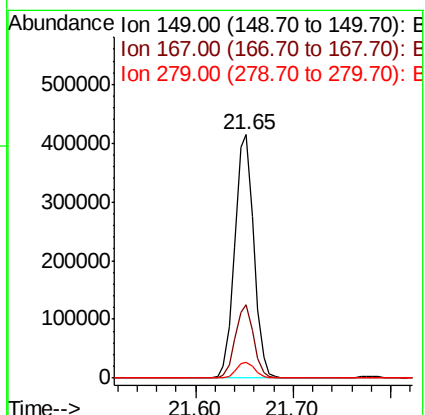
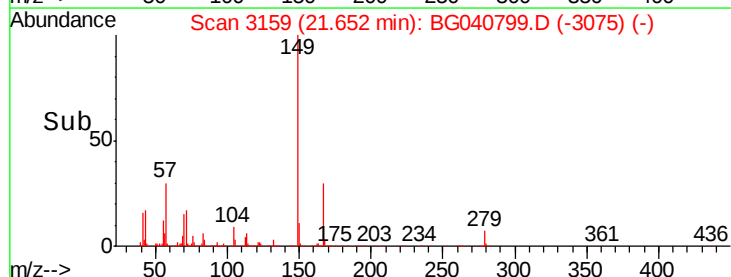
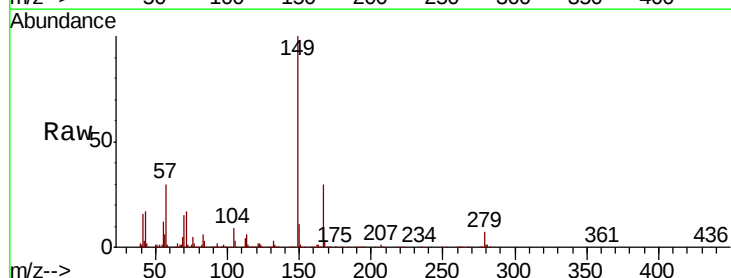
Tgt Ion:149 Resp: 558033

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.0  | 22.4  | 33.6  |
| 279 | 6.6   | 4.6   | 6.8   |

149 100

167 30.0 22.4 33.6

279 6.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 39.664 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.06 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

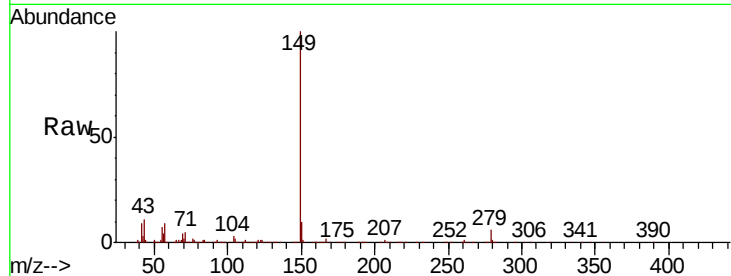
Tot Ion:149 Resp: 941571

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

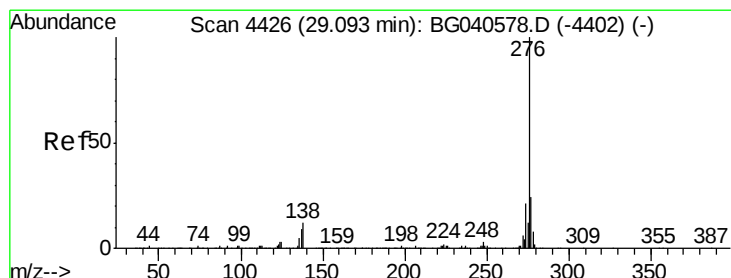
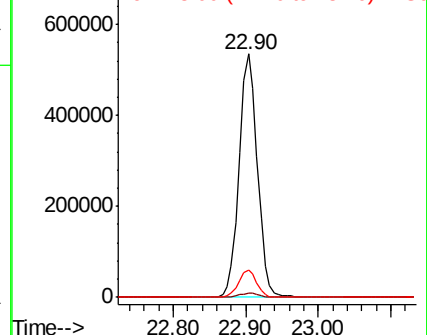
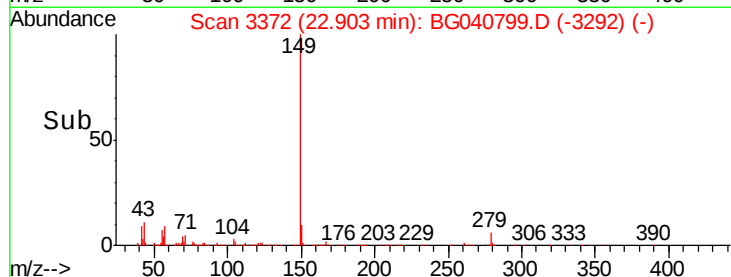
43 11.1 10.2 15.2



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: 31.586 ng

RT: 29.01 min Scan# 4411

Delta R.T. -0.08 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

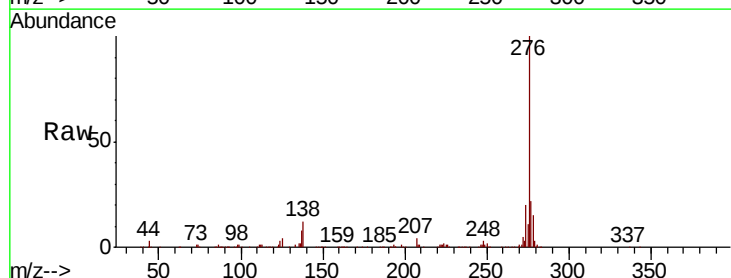
Tgt Ion:276 Resp: 917559

Ion Ratio Lower Upper

276 100

138 6.1 9.8 14.6#

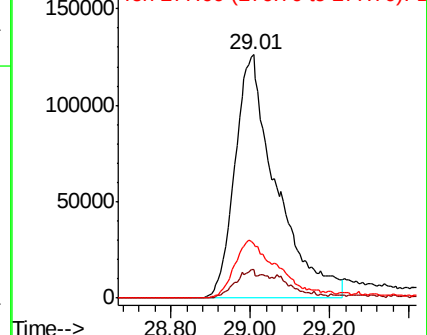
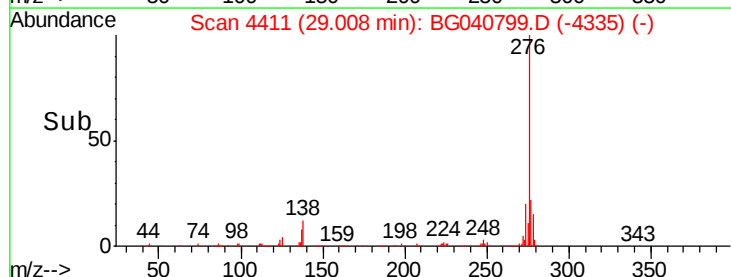
277 24.9 17.3 25.9

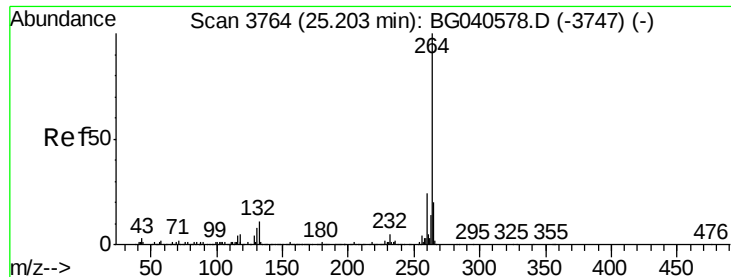


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.15 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

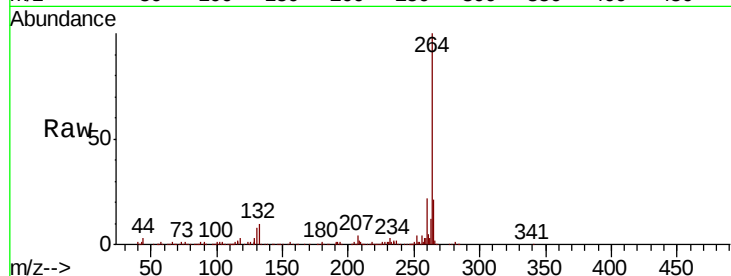
BNA\_G

ClientSampleId :

PB119558BS

Tot Ion:264 Resp: 413377

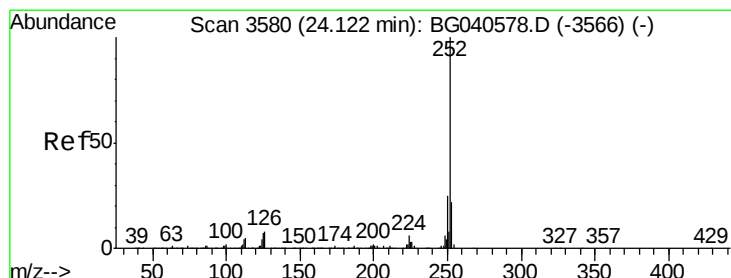
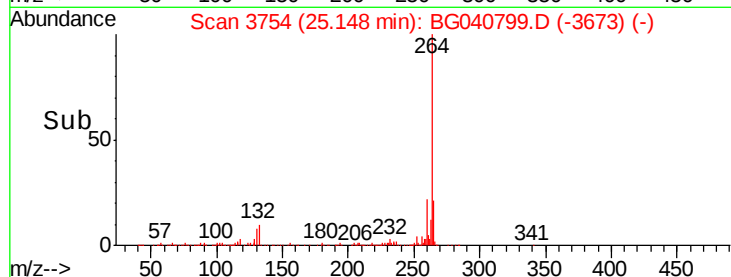
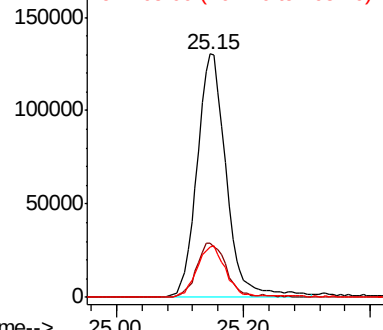
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.2  | 19.2  | 28.8  |
| 265 | 20.9  | 16.6  | 25.0  |



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.334 ng

RT: 24.08 min Scan# 3572

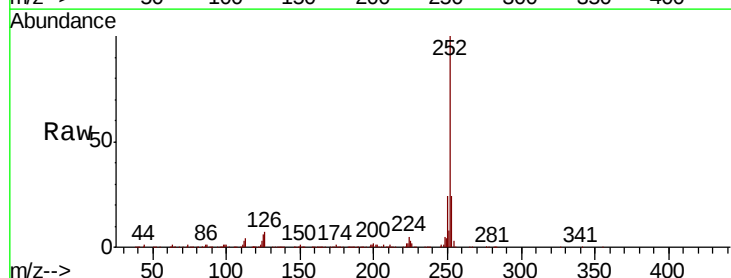
Delta R.T. -0.04 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Tgt Ion:252 Resp: 1018875

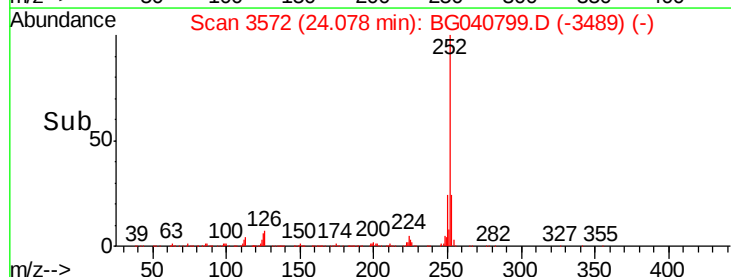
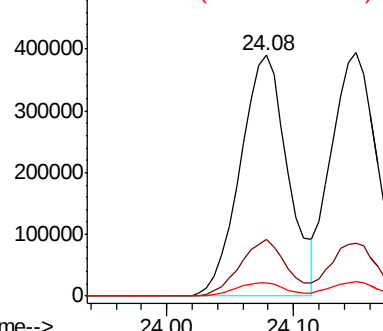
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.6  | 17.6  | 26.4  |
| 125 | 5.7   | 5.4   | 8.0   |



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.654 ng

RT: 24.15 min Scan# 3584

Delta R.T. -0.04 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

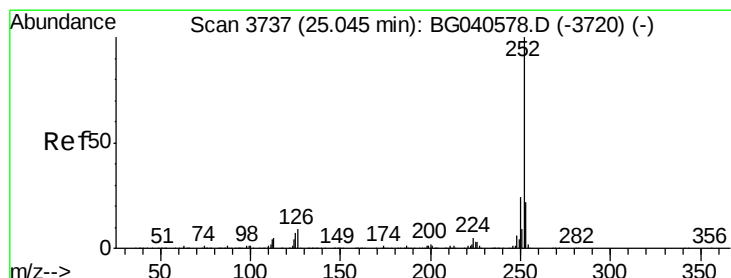
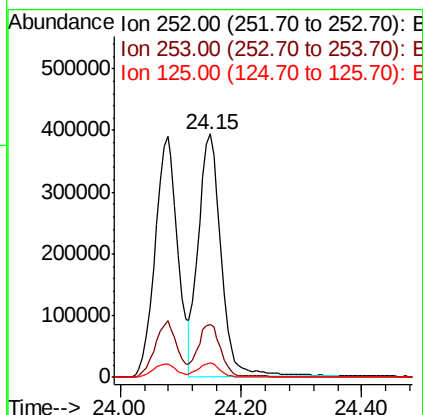
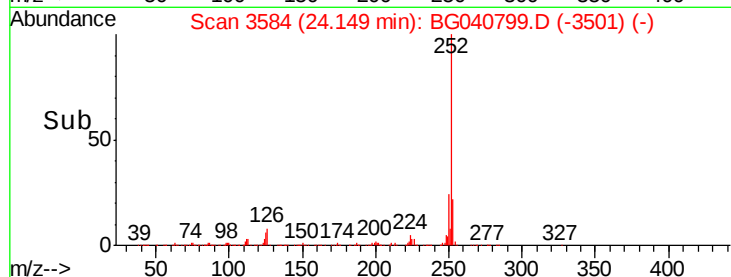
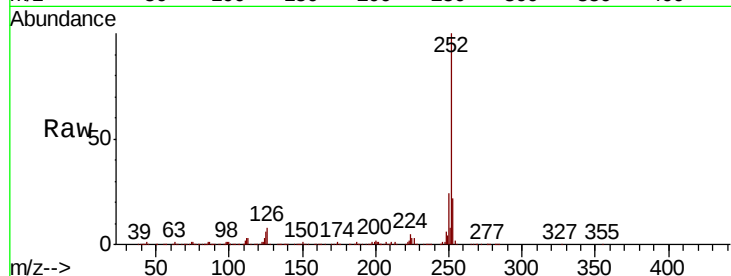
Tot Ion:252 Resp: 1029857

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 6.0 5.5 8.3



#90

Benzo(a)pyrene

Concen: 42.339 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

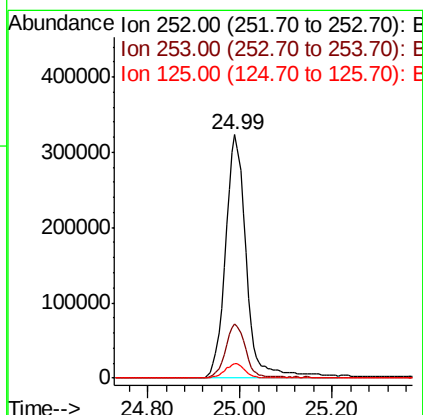
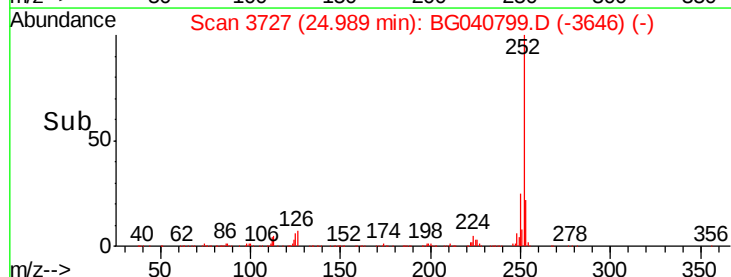
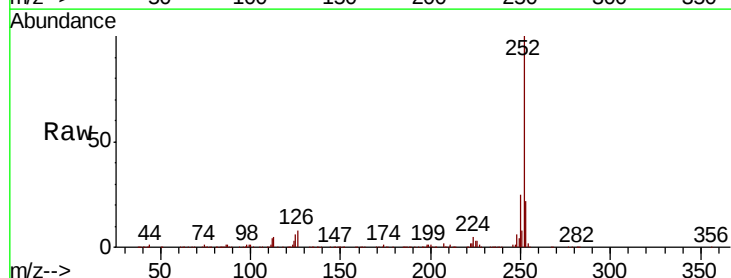
Tgt Ion:252 Resp: 1012391

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 6.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 29.278 ng

RT: 29.08 min Scan# 4423

Delta R.T. -0.09 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

Instrument :

BNA\_G

ClientSampleId :

PB119558BS

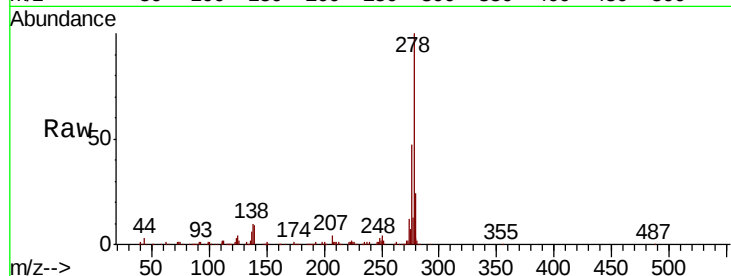
Tot Ion:278 Resp: 708463

Ion Ratio Lower Upper

278 100

139 8.6 8.2 12.4

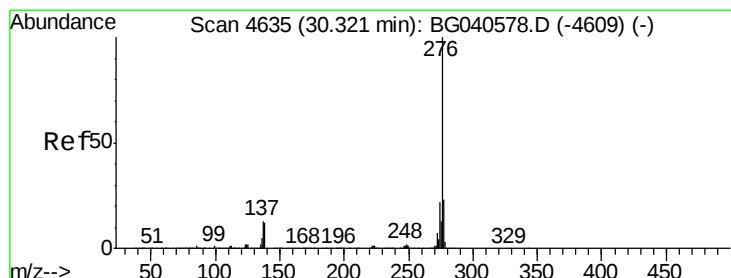
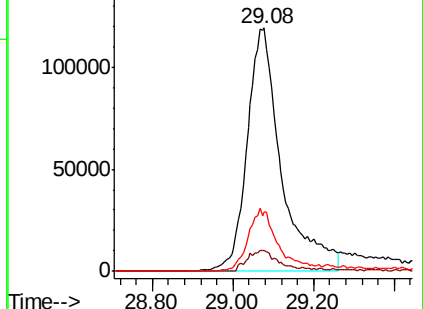
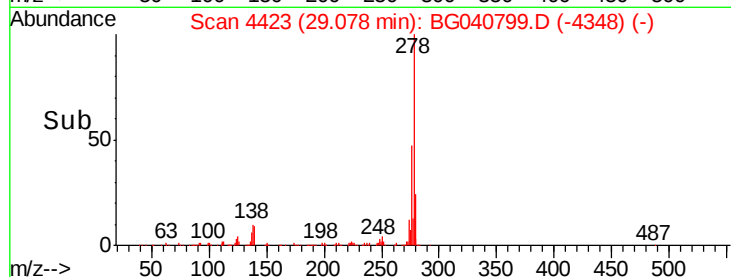
279 24.5 18.5 27.7



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: 30.099 ng

RT: 30.21 min Scan# 4615

Delta R.T. -0.11 min

Lab File: BG040799.D

Acq: 8 May 2019 22:12

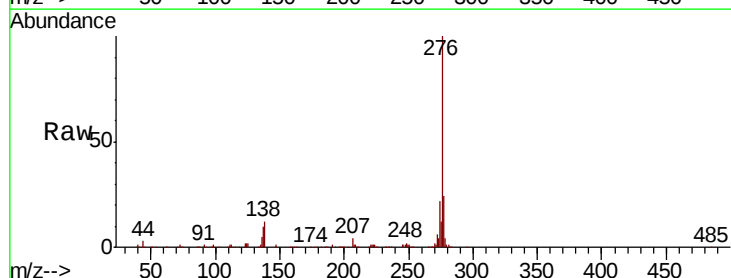
Tgt Ion:276 Resp: 724857

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 11.8 9.8 14.6



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

