

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\  
 Data File : BG041026.D  
 Acq On : 3 Jun 2019 9:55  
 Operator : HP/JU  
 Sample : K3084-01MSDRE  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 03 15:25:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 18:39:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 60661    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.94 | 136  | 245042   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.75 | 164  | 177664   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.50 | 188  | 449288   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.78 | 240  | 443484   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.11 | 264  | 470863   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.66  | 112  | 488096   | 145.09 | ng    | 0.00     |
| 7) Phenol-d6                | 7.27  | 99   | 710603   | 136.77 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.30  | 82   | 485288   | 87.92  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.24 | 330  | 364877   | 138.34 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.38 | 172  | 995818   | 80.72  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.09 | 244  | 1633105  | 78.15  | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88   | 55969    | 36.664 | ng    | 95     |
| 3) Pyridine                    | 3.92  | 79   | 152575   | 33.778 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42   | 95078    | 45.353 | ng    | 94     |
| 6) Aniline                     | 7.45  | 93   | 118973   | 17.156 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.68  | 128  | 186230   | 46.435 | ng    | 94     |
| 9) Benzaldehyde                | 7.26  | 77   | 87564    | 28.253 | ng    | 92     |
| 10) Phenol                     | 7.30  | 94   | 266044   | 47.759 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.54  | 93   | 174230   | 43.114 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146  | 195219   | 40.755 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146  | 204773   | 42.233 | ng    | 94     |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146  | 196321   | 41.701 | ng    | 99     |
| 15) Benzyl Alcohol             | 8.36  | 79   | 211721   | 44.054 | ng    | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.64  | 45   | 276322   | 41.845 | ng    | 97     |
| 17) 2-Methylphenol             | 8.55  | 107  | 179218   | 44.434 | ng    | 100    |
| 18) Hexachloroethane           | 9.21  | 117  | 76665    | 41.025 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70   | 167934   | 42.003 | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.88  | 107  | 240125   | 42.980 | ng    | 98     |
| 22) Acetophenone               | 8.95  | 105  | 310951   | 45.237 | ng    | # 97   |
| 24) Nitrobenzene               | 9.34  | 77   | 260704   | 46.347 | ng    | 99     |
| 25) Isophorone                 | 9.86  | 82   | 471834   | 44.917 | ng    | 99     |
| 26) 2-Nitrophenol              | 10.05 | 139  | 114002   | 49.161 | ng    | 90     |
| 27) 2,4-Dimethylphenol         | 10.09 | 122  | 192367   | 50.228 | ng    | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.34 | 93   | 249651   | 44.034 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.58 | 162  | 223986   | 46.055 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.80 | 180  | 240040   | 43.386 | ng    | 97     |
| 31) Naphthalene                | 11.00 | 128  | 588416   | 44.724 | ng    | 97     |
| 32) Benzoic acid               | 10.16 | 122  | 12047    | 11.490 | ng    | 90     |
| 33) 4-Chloroaniline            | 11.10 | 127  | 82228    | 13.470 | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.26 | 225  | 176370   | 41.662 | ng    | 98     |
| 35) Caprolactam                | 11.89 | 113  | 42592    | 26.520 | ng    | 95     |
| 36) 4-Chloro-3-methylphenol    | 12.21 | 107  | 245882   | 44.268 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.59 | 142  | 435591   | 42.988 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.81 | 142  | 413483   | 43.303 | ng    | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216  | 318295   | 44.449 | ng    | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\  
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 Acq On : 3 Jun 2019 9:55  
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 Sample : K3084-01MSDRE  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

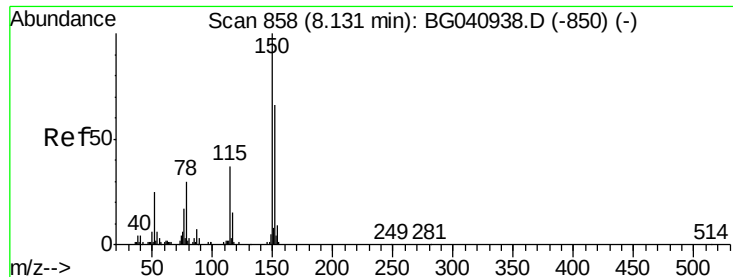
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 03 15:25:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 18:39:57 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.92 | 237  | 312552   | 81.074  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.19 | 196  | 211825   | 45.727  | ng    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.26 | 196  | 222905   | 45.626  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.59 | 154  | 582585   | 44.300  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.64 | 162  | 486227   | 43.067  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.84 | 65   | 180570   | 44.582  | ng    | 98       |
| 49) Acenaphthylene             | 14.48 | 152  | 758531   | 44.640  | ng    | 98       |
| 50) Dimethylphthalate          | 14.21 | 163  | 801323   | 53.282  | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.33 | 165  | 147925   | 45.619  | ng    | 95       |
| 52) Acenaphthene               | 14.82 | 154  | 443140   | 43.050  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.66 | 138  | 73869    | 22.782  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.86 | 184  | 106714   | 67.861  | ng    | 97       |
| 55) Dibenzofuran               | 15.15 | 168  | 763020   | 44.053  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.96 | 139  | 226224   | 101.717 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 15.12 | 165  | 210476   | 45.951  | ng    | # 98     |
| 58) Fluorene                   | 15.80 | 166  | 595532   | 43.174  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.37 | 232  | 228033   | 47.495  | ng    | 99       |
| 60) Diethylphthalate           | 15.55 | 149  | 657161   | 42.817  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.78 | 204  | 379574   | 42.336  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.83 | 138  | 141021   | 41.081  | ng    | 96       |
| 63) Azobenzene                 | 16.07 | 77   | 607031   | 43.516  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.87 | 198  | 115508   | 47.981  | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 16.00 | 169  | 554343   | 43.891  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.68 | 248  | 247693   | 40.851  | ng    | 95       |
| 68) Hexachlorobenzene          | 16.79 | 284  | 260865   | 40.404  | ng    | 98       |
| 69) Atrazine                   | 16.94 | 200  | 245045   | 50.283  | ng    | 99       |
| 70) Pentachlorophenol          | 17.14 | 266  | 318276   | 91.381  | ng    | 97       |
| 71) Phenanthrene               | 17.54 | 178  | 1001928  | 42.812  | ng    | 98       |
| 72) Anthracene                 | 17.63 | 178  | 1032498  | 44.733  | ng    | 100      |
| 73) Carbazole                  | 17.90 | 167  | 923101   | 46.610  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.43 | 149  | 1050257  | 42.667  | ng    | 97       |
| 75) Fluoranthene               | 19.54 | 202  | 1289537  | 44.611  | ng    | 98       |
| 77) Benzidine                  | 19.72 | 184  | 297085   | 28.081  | ng    | 98       |
| 78) Pyrene                     | 19.90 | 202  | 1278802  | 44.358  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.77 | 149  | 500949   | 44.651  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 1260476  | 42.698  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 227265   | 21.888  | ng    | 97       |
| 83) Chrysene                   | 21.83 | 228  | 1223159  | 43.297  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 681766   | 43.168  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 1173825  | 44.627  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.95 | 276  | 1526547  | 44.112  | ng    | # 98     |
| 88) Benzo(b)fluoranthene       | 24.05 | 252  | 1293166  | 45.280  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.12 | 252  | 1251332  | 44.277  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.96 | 252  | 1256103  | 46.099  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.02 | 278  | 1233547  | 45.307  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.17 | 276  | 1242470  | 46.972  | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

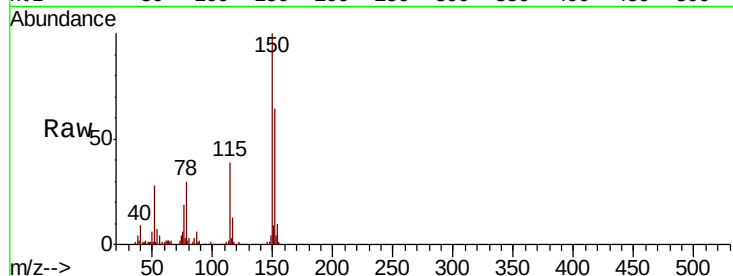
Tot Ion:152 Resp: 60661

Ion Ratio Lower Upper

152 100

150 155.7 120.6 180.8

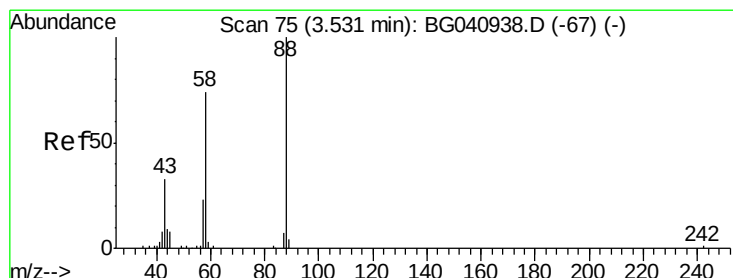
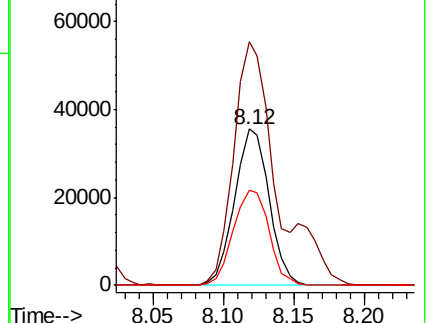
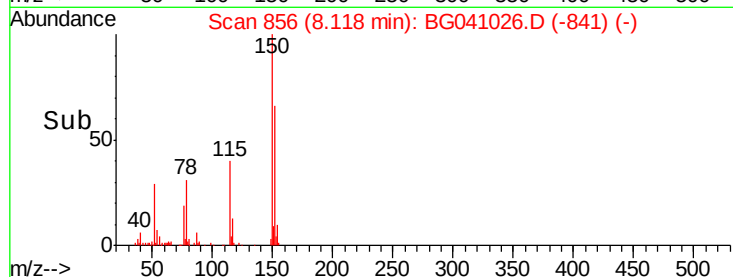
115 60.4 45.1 67.7



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: 36.664 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

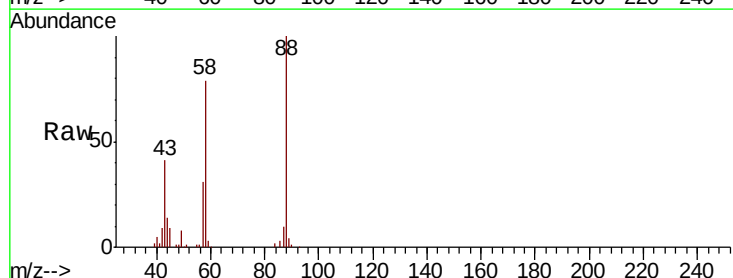
Tgt Ion: 88 Resp: 55969

Ion Ratio Lower Upper

88 100

58 77.5 59.0 88.6

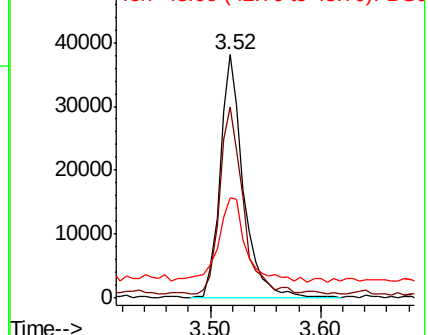
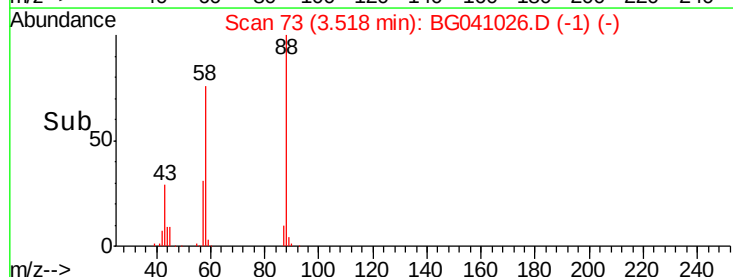
43 38.5 27.2 40.8

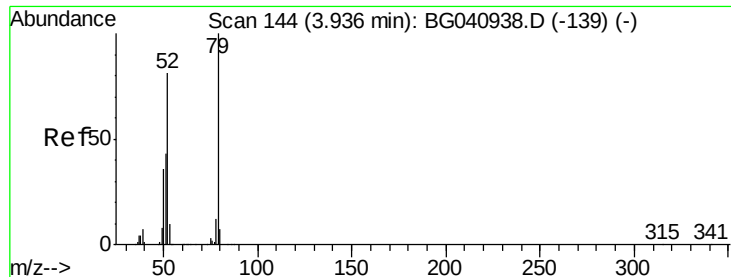


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.778 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

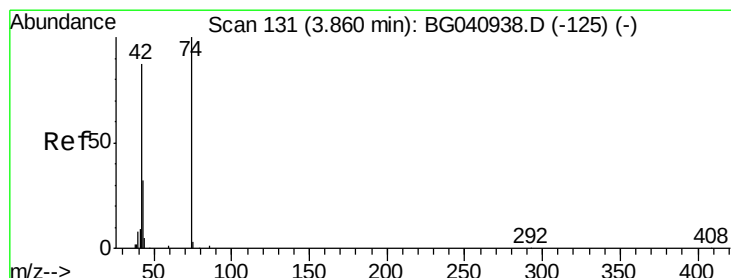
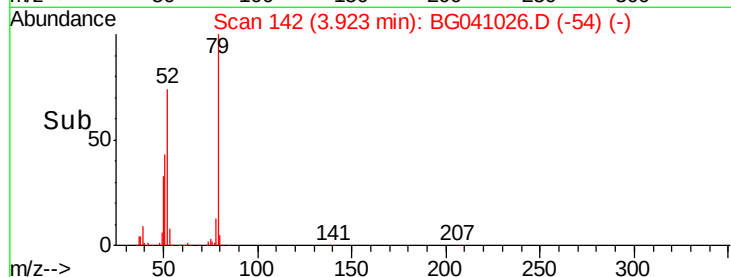
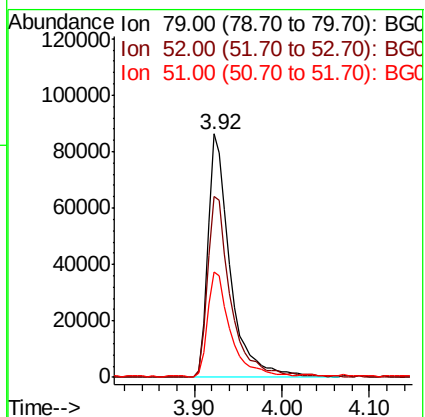
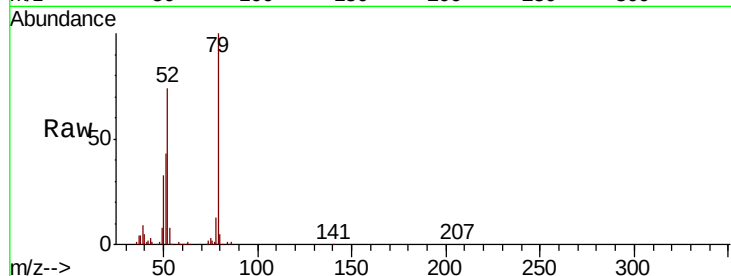
Tot Ion: 79 Resp: 152575

Ion Ratio Lower Upper

79 100

52 74.1 64.8 97.2

51 43.4 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 45.353 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

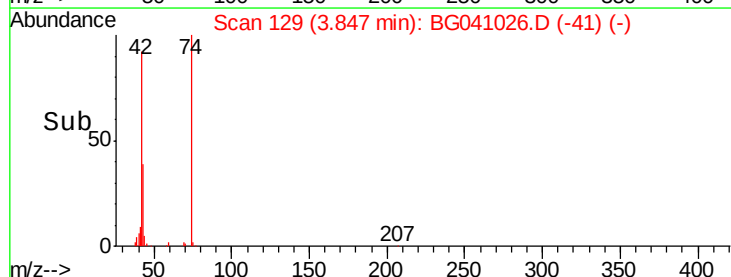
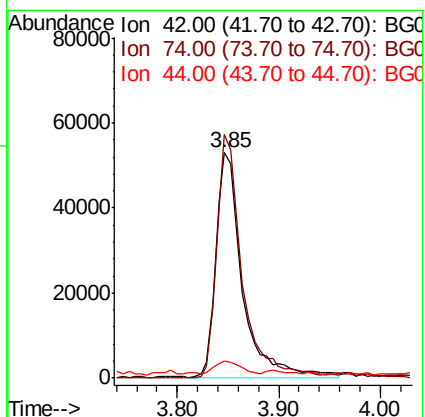
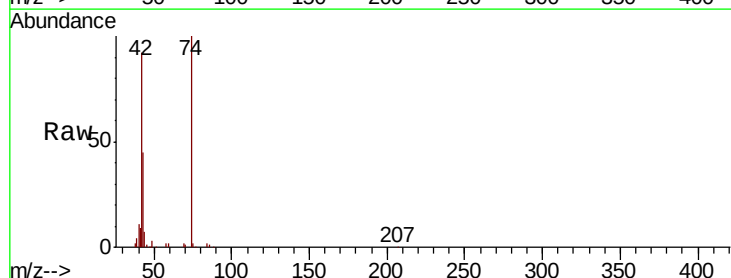
Tgt Ion: 42 Resp: 95078

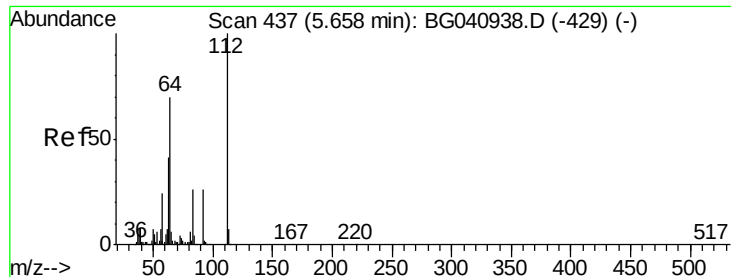
Ion Ratio Lower Upper

42 100

74 108.2 91.8 137.6

44 7.7 6.0 9.0





#5

2-Fluorophenol

Concen: 145.092 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

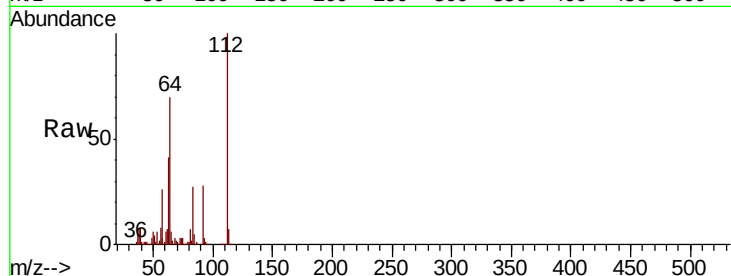
Tot Ion:112 Resp: 488096

Ion Ratio Lower Upper

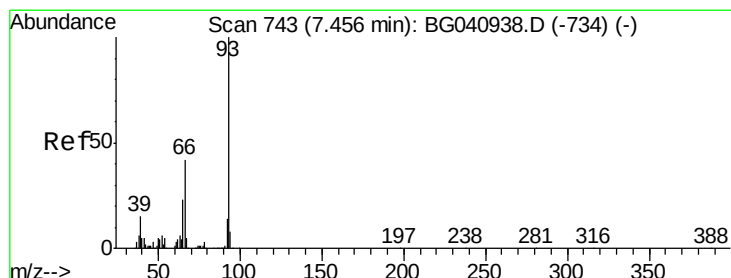
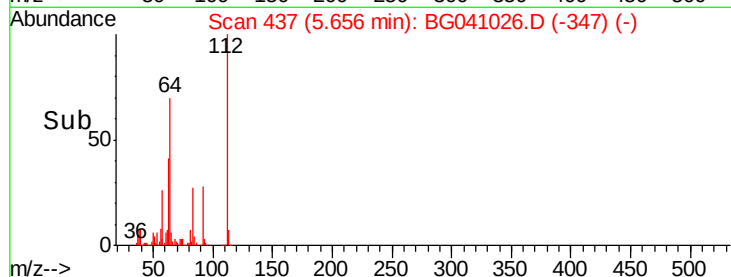
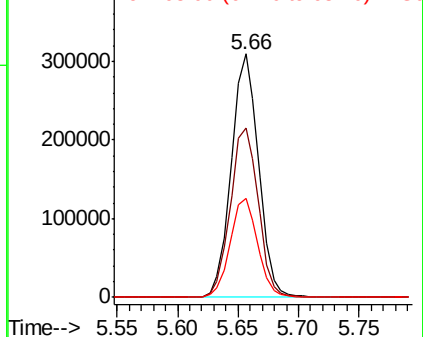
112 100

64 69.5 56.2 84.2

63 40.5 32.8 49.2



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: 17.156 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

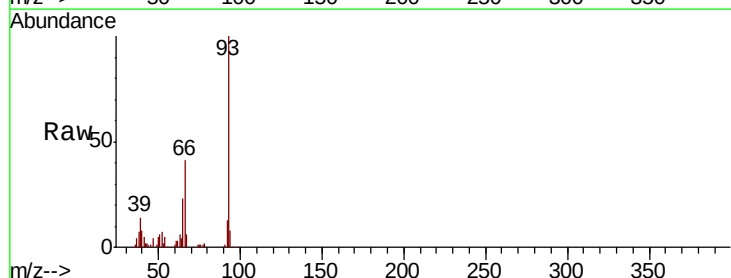
Tgt Ion: 93 Resp: 118973

Ion Ratio Lower Upper

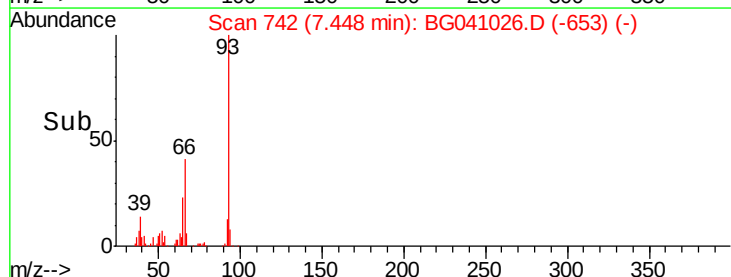
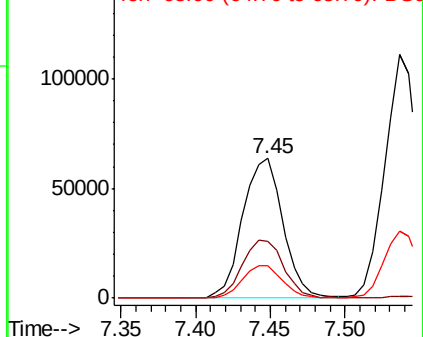
93 100

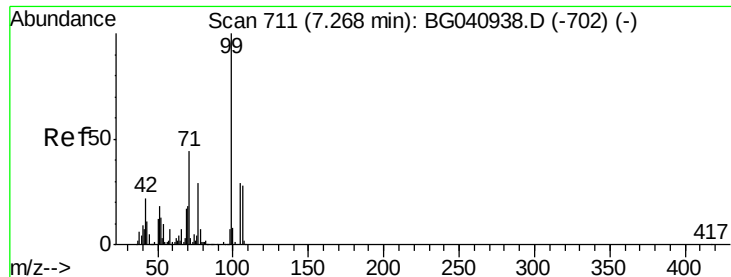
66 40.8 33.8 50.8

65 23.4 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.775 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

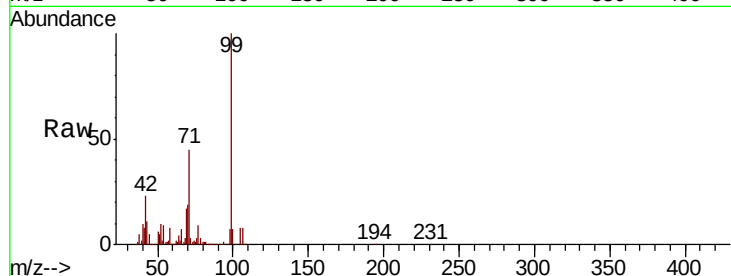
Tot Ion: 99 Resp: 710603

Ion Ratio Lower Upper

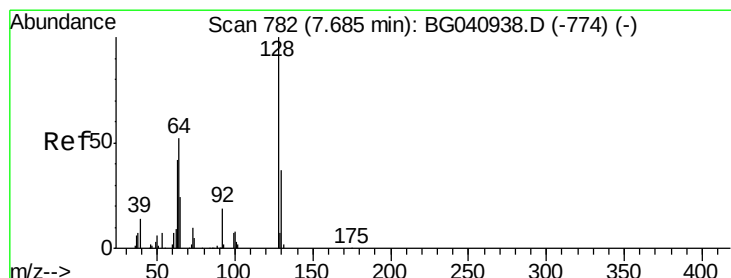
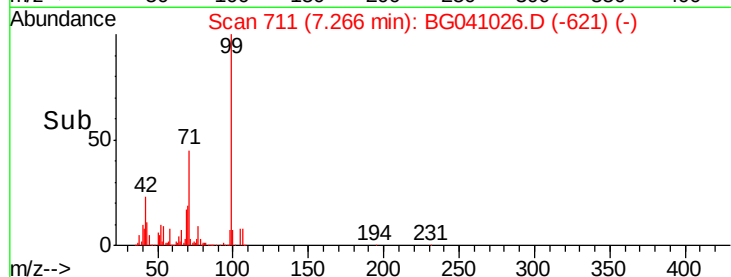
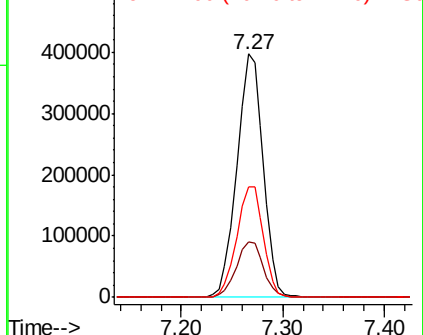
99 100

42 22.9 17.9 26.9

71 45.4 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.435 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

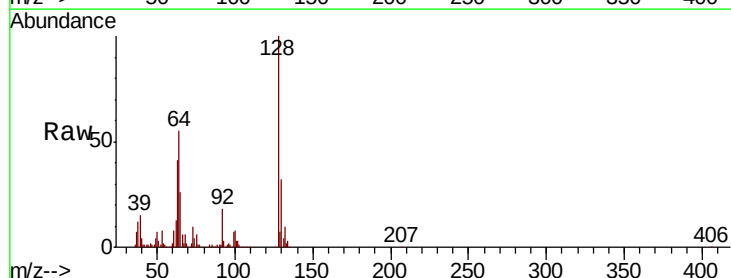
Tgt Ion: 128 Resp: 186230

Ion Ratio Lower Upper

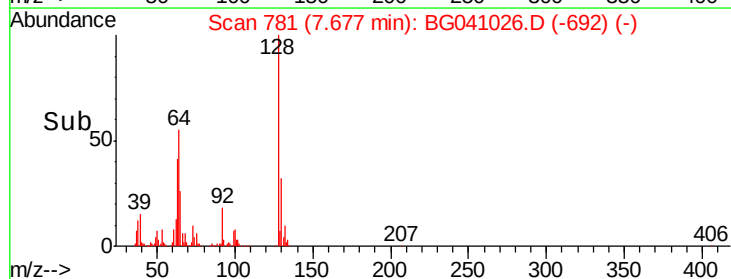
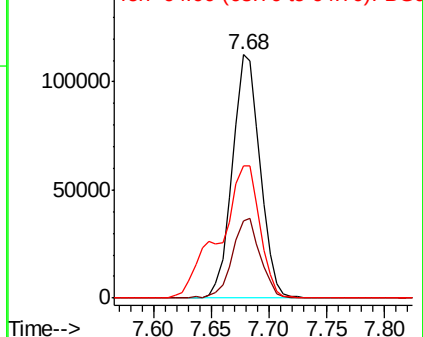
128 100

130 31.5 16.6 56.6

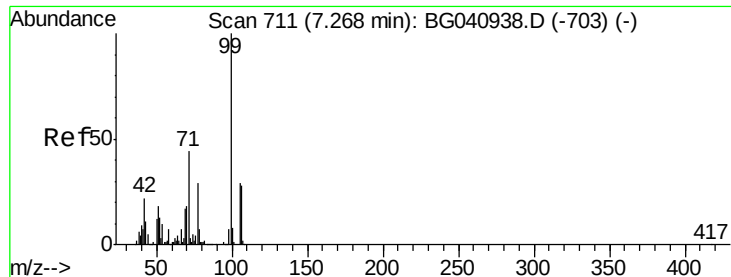
64 54.5 37.8 77.8



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







#9

Benzaldehyde

Concen: 28.253 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampled :

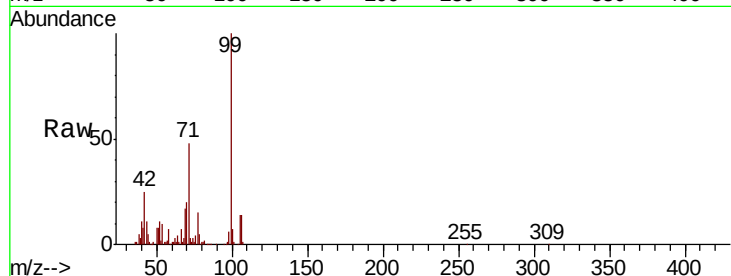
Tot Ion: 77 Resp: 87564

Ion Ratio Lower Upper

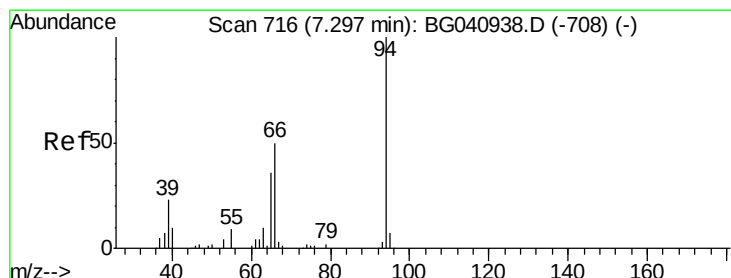
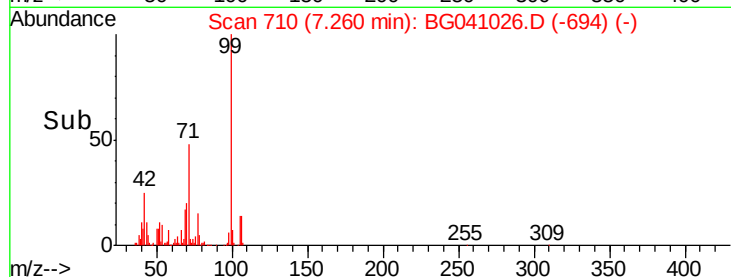
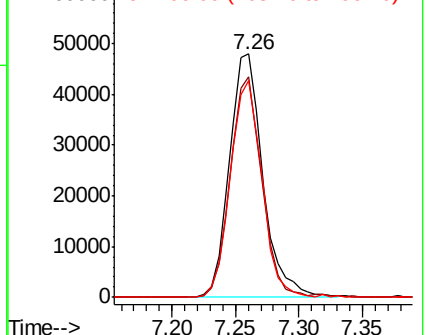
77 100

105 90.4 78.9 118.9

106 89.0 76.7 116.7



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: 47.759 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

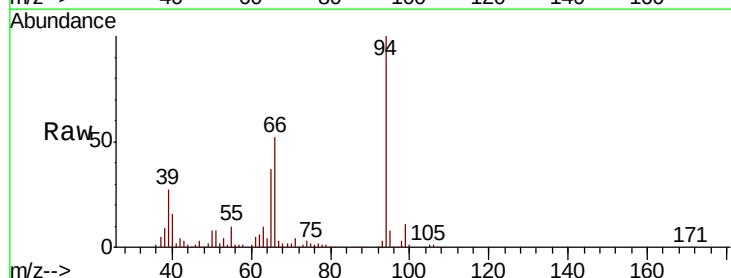
Tgt Ion: 94 Resp: 266044

Ion Ratio Lower Upper

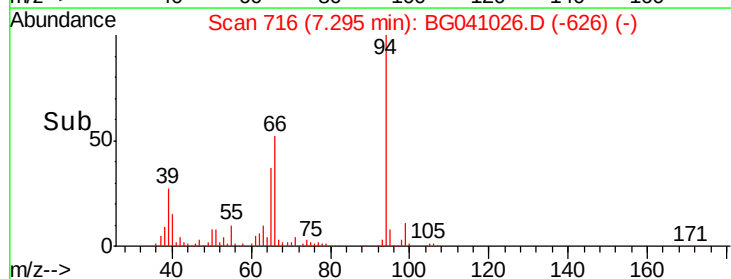
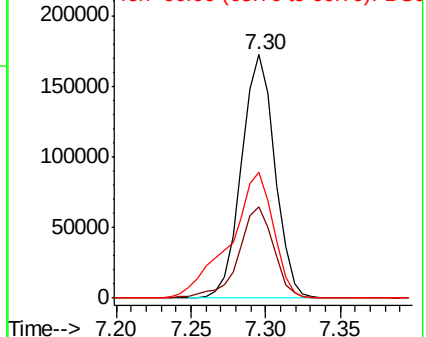
94 100

65 37.2 17.0 57.0

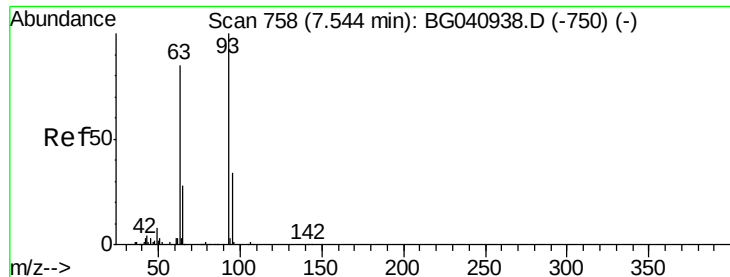
66 51.9 32.4 72.4



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



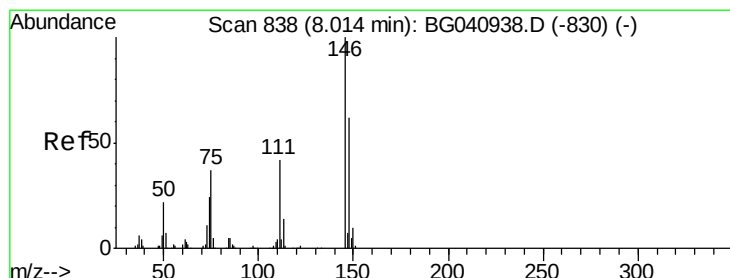
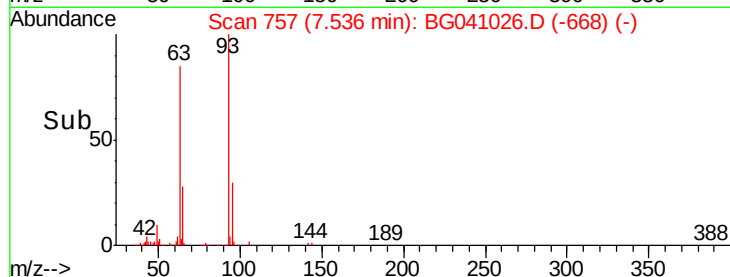
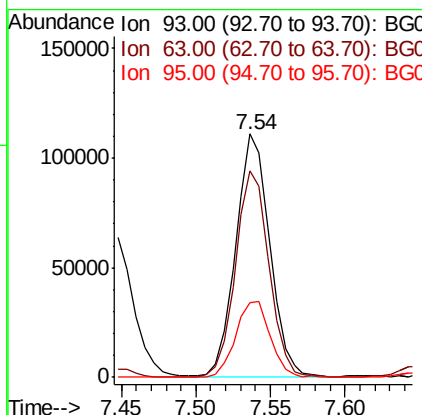
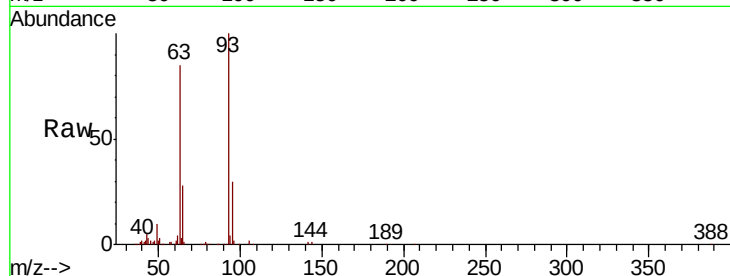




#11  
bis(2-Chloroethyl)ether  
Concen: 43.114 ng  
RT: 7.54 min Scan# 757  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

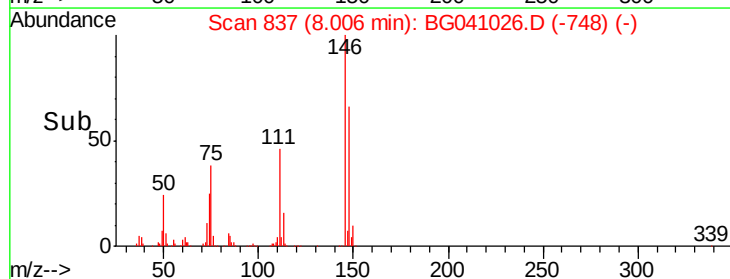
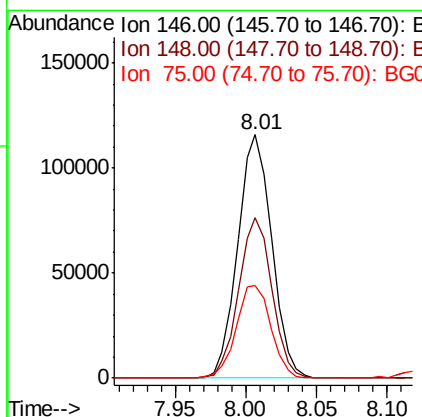
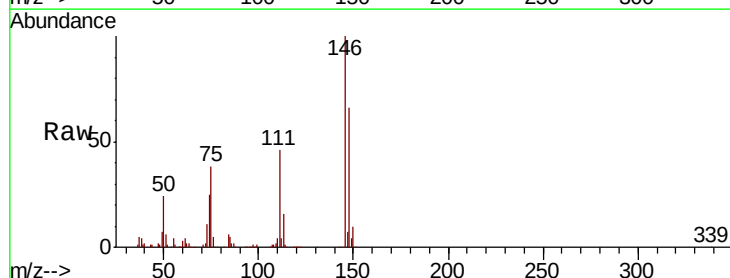
Instrument :  
BNA\_G  
ClientSampleId :

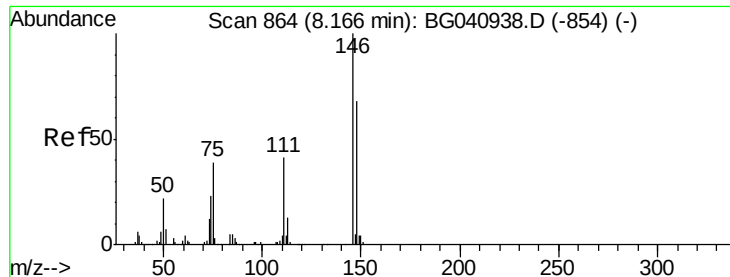
Tot Ion: 93 Resp: 174230  
Ion Ratio Lower Upper  
93 100  
63 84.7 64.5 104.5  
95 30.5 13.3 53.3



#12  
1,3-Dichlorobenzene  
Concen: 40.755 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Tgt Ion: 146 Resp: 195219  
Ion Ratio Lower Upper  
146 100  
148 65.8 49.2 73.8  
75 38.1 29.4 44.0

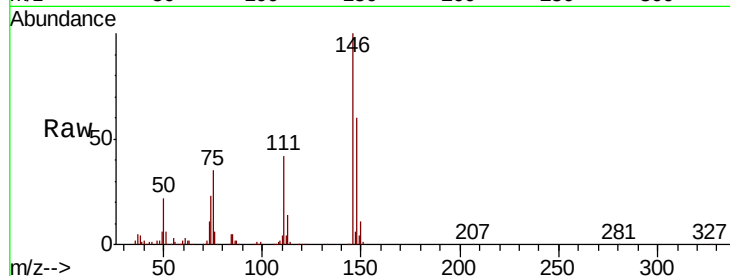




#13  
1,4-Dichlorobenzene  
Concen: 42.233 ng  
RT: 8.16 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.2  | 54.2  | 81.4  |
| 111     | 42.1  | 32.9  | 49.3  |

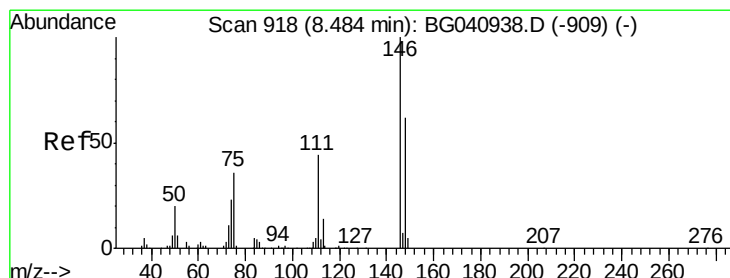
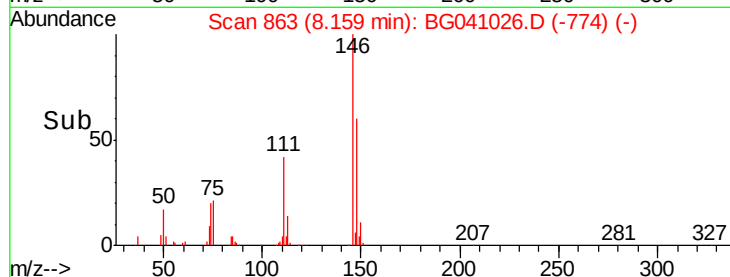
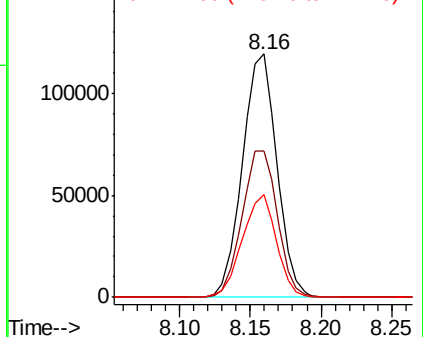


Abundance

Ion 146.00 (145.70 to 146.70): E

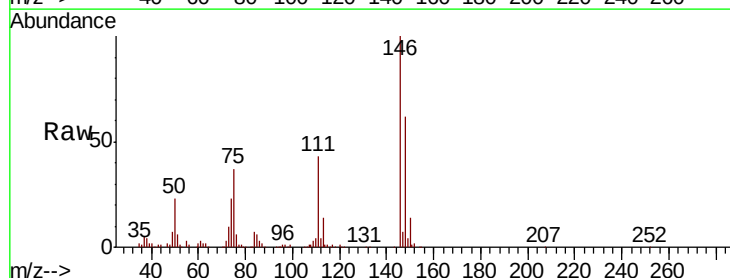
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
1,2-Dichlorobenzene  
Concen: 41.701 ng  
RT: 8.48 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.0  | 49.8  | 74.6  |
| 111     | 43.0  | 35.0  | 52.4  |

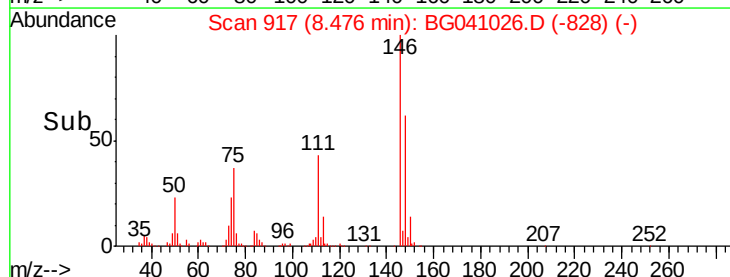
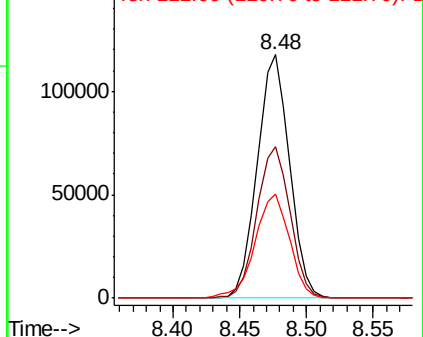


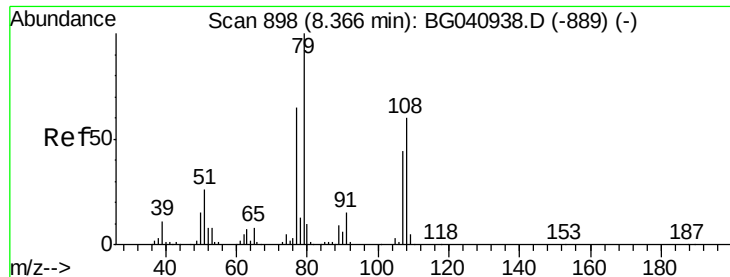
Abundance

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: 44.054 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

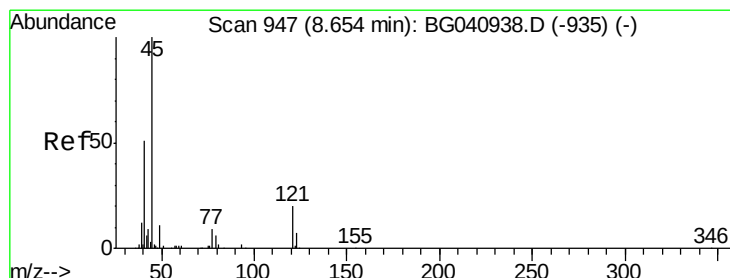
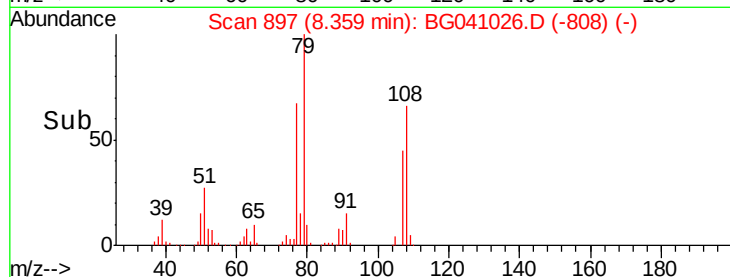
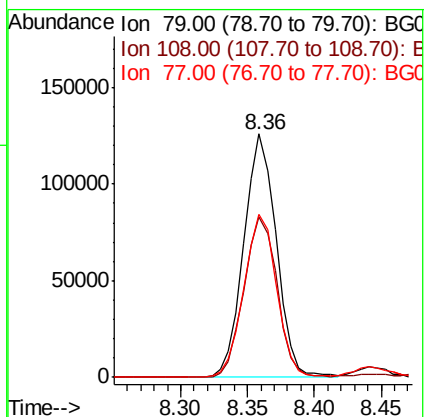
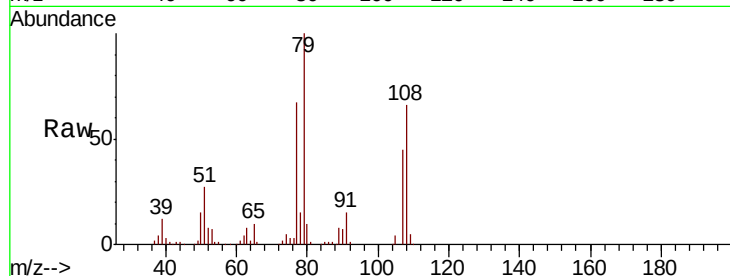
Tot Ion: 79 Resp: 211721

Ion Ratio Lower Upper

79 100

108 65.9 48.3 72.5

77 67.1 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.845 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

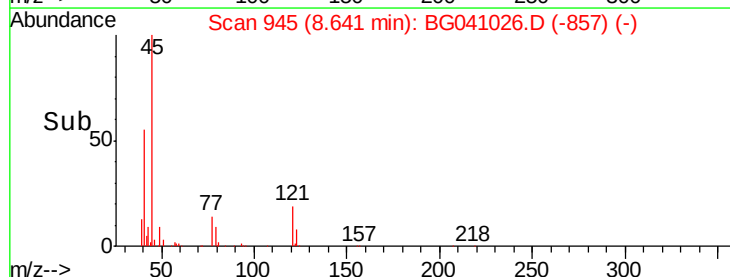
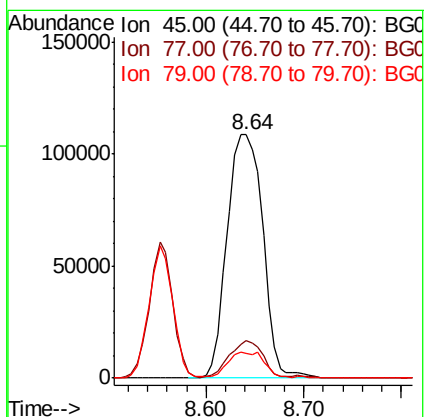
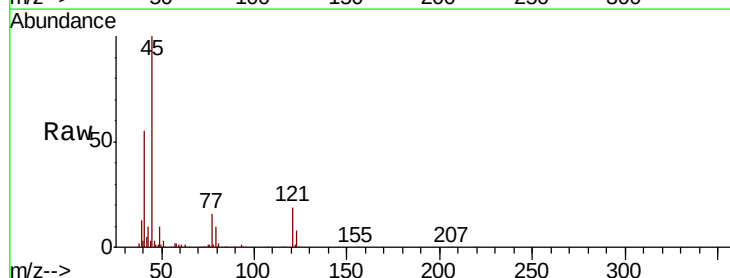
Tgt Ion: 45 Resp: 276322

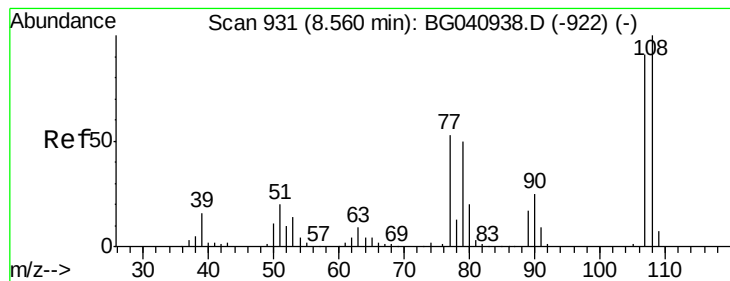
Ion Ratio Lower Upper

45 100

77 15.6 0.0 33.7

79 10.0 0.0 30.2





#17

2-Methylphenol

Concen: 44.434 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 179218

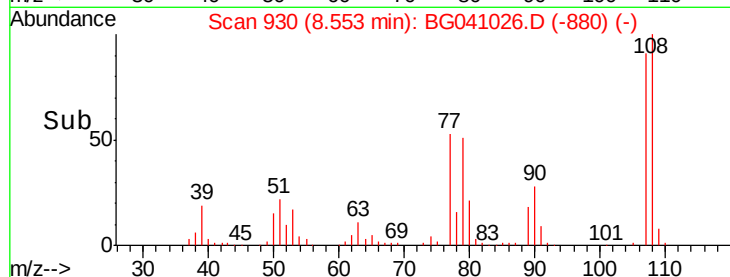
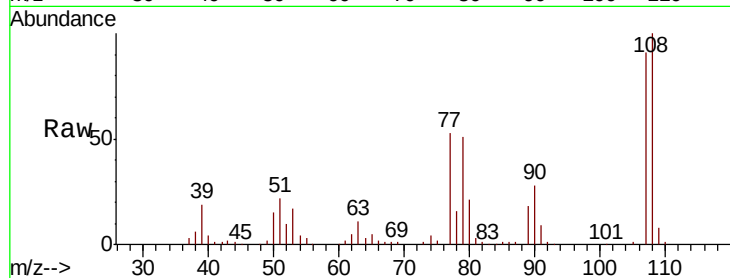
Ion Ratio Lower Upper

107 100

108 109.5 87.7 131.5

77 57.7 46.6 70.0

79 55.8 44.6 66.8

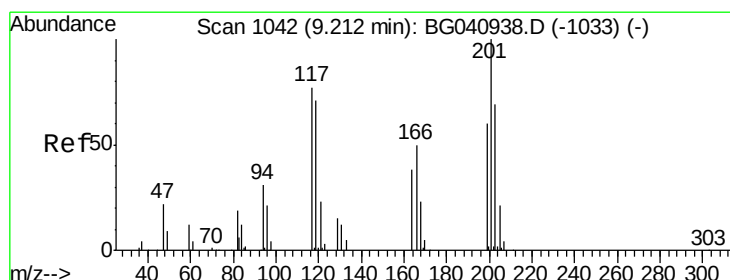
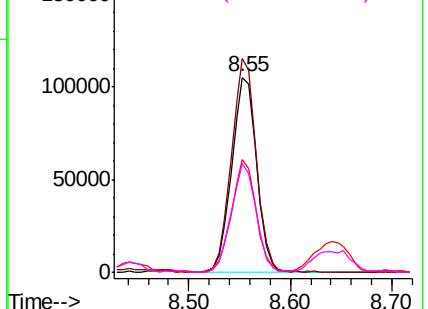


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.025 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

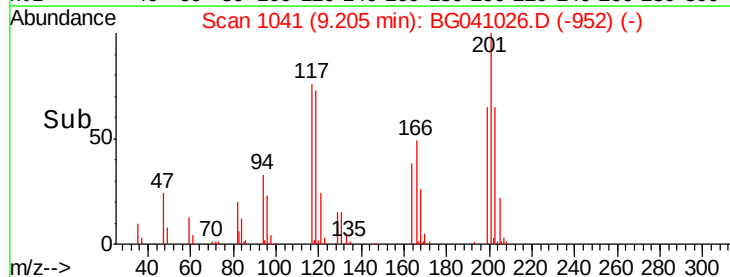
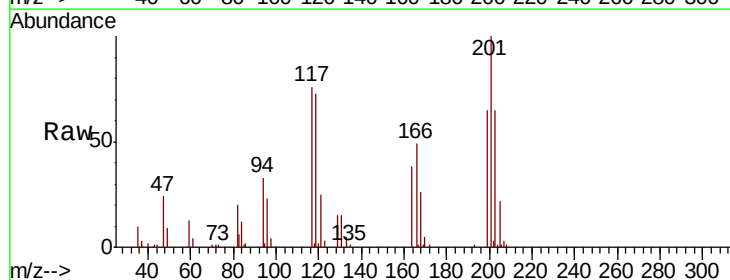
Tgt Ion:117 Resp: 76665

Ion Ratio Lower Upper

117 100

119 95.9 75.0 112.6

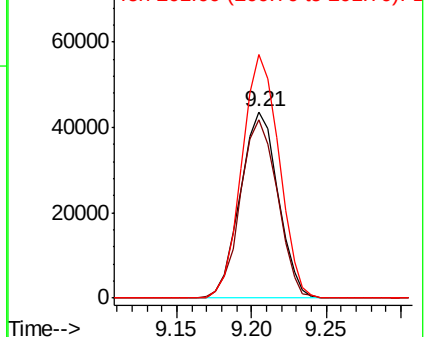
201 130.8 103.5 155.3

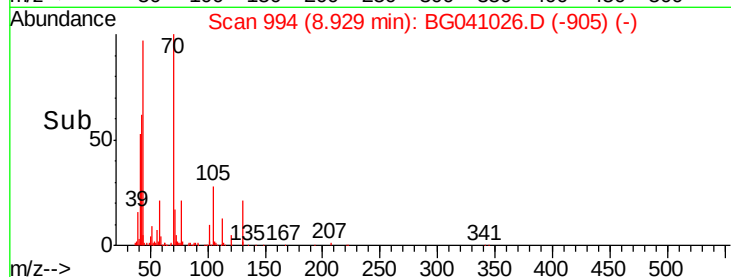
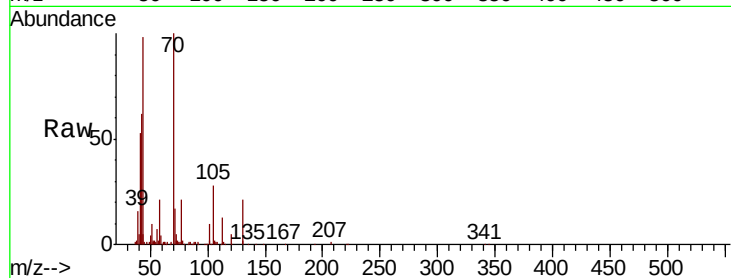
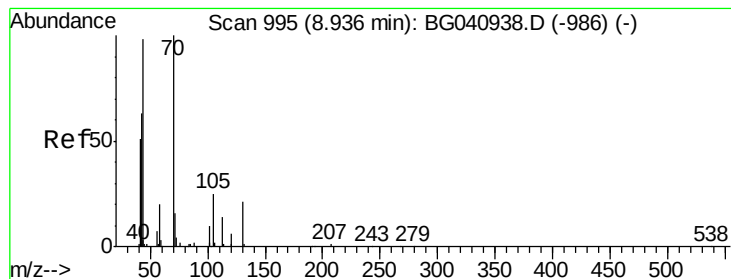


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.003 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 167934

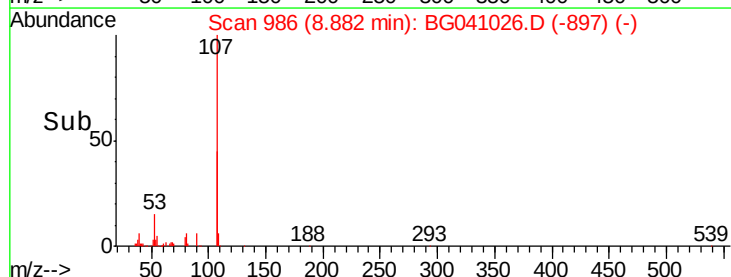
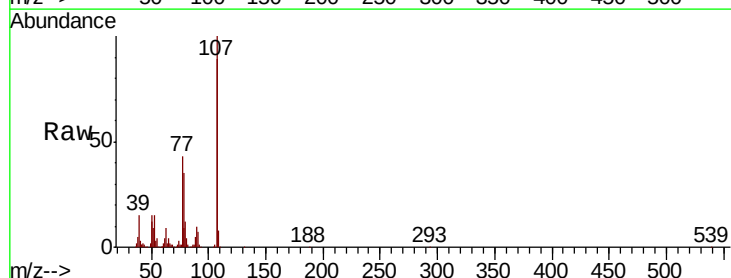
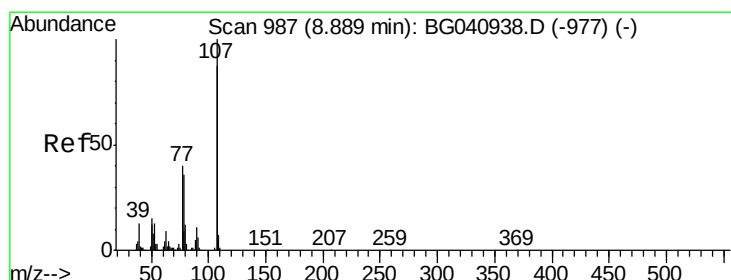
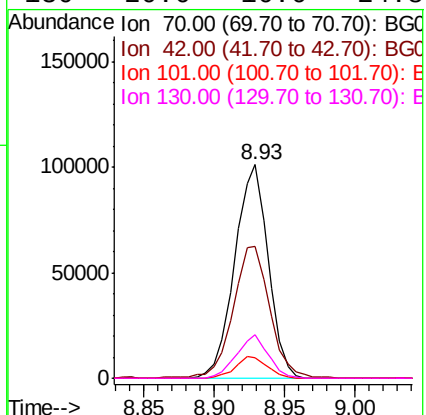
Ion Ratio Lower Upper

70 100

42 61.7 51.5 77.3

101 9.7 8.1 12.1

130 20.6 16.6 24.8



#20

3+4-Methylphenols

Concen: 42.980 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Tgt Ion: 107 Resp: 240125

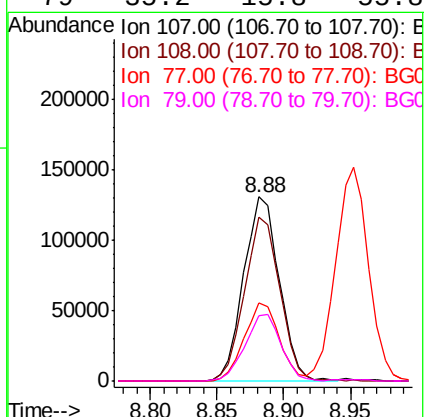
Ion Ratio Lower Upper

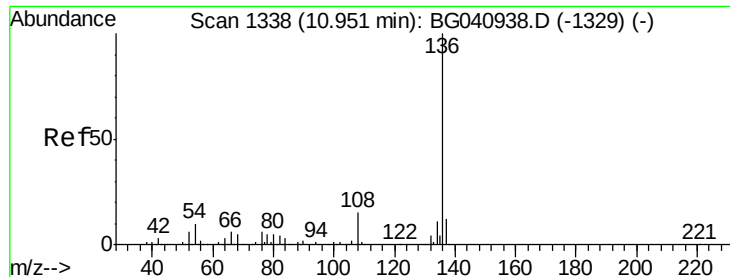
107 100

108 89.2 66.8 106.8

77 42.8 20.5 60.5

79 35.2 15.8 55.8

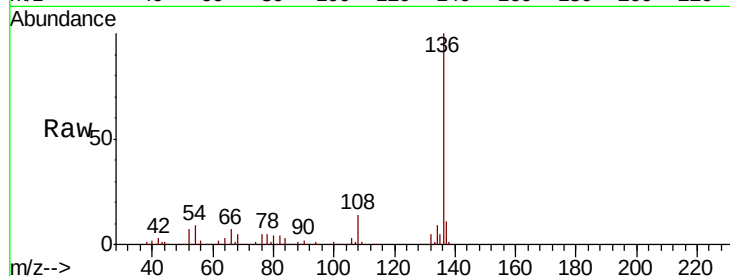




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.94 min Scan# 1337  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 245042   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 9.5 14.3 |
| 54          | 9.1   | 7.6 11.4 |
| 68          | 4.6   | 3.9 5.9  |



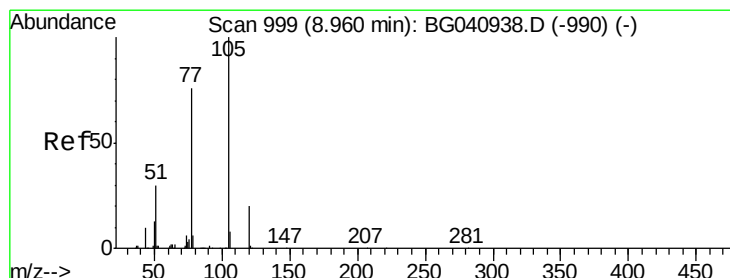
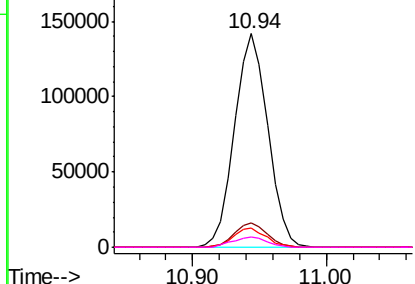
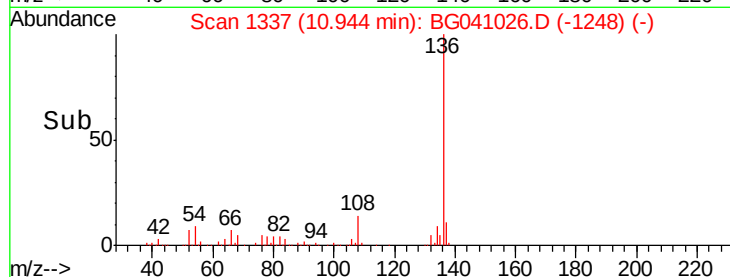
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

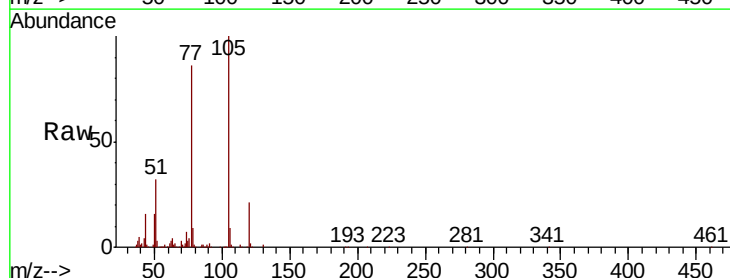
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 45.237 ng  
RT: 8.95 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 310951    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.7   | 0.4 0.6#  |
| 51          | 31.6  | 27.0 40.6 |
| 120         | 21.3  | 16.2 24.4 |



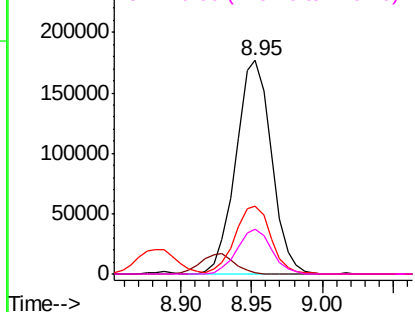
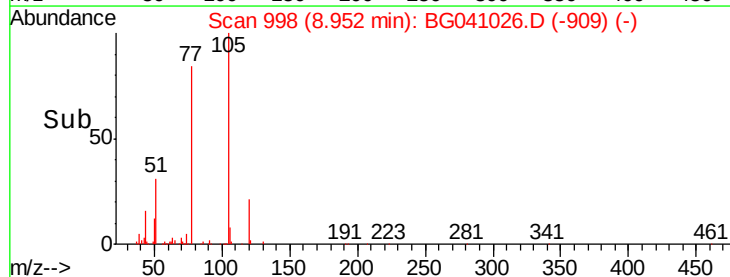
Abundance

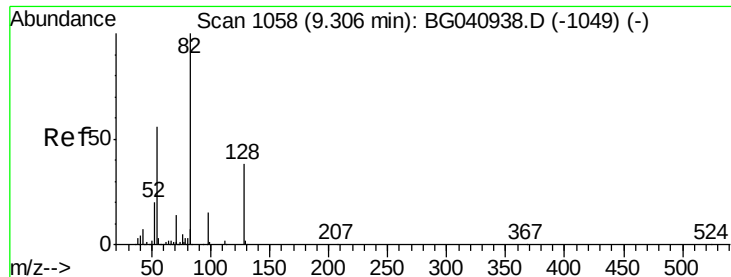
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

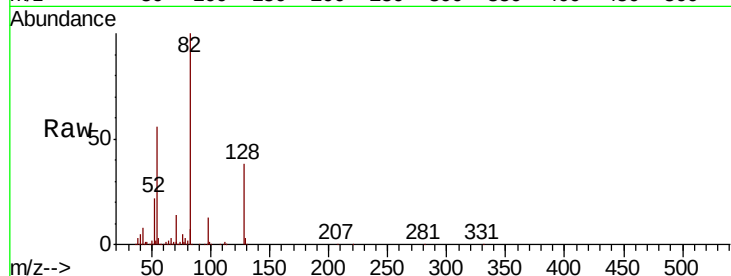




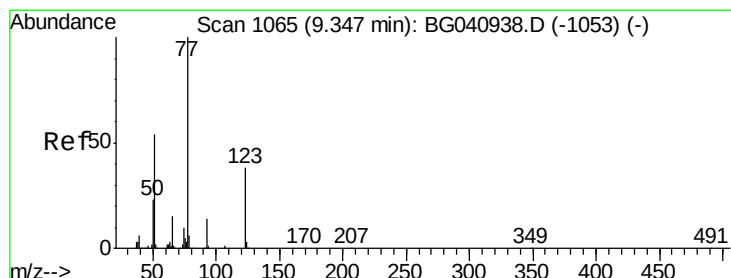
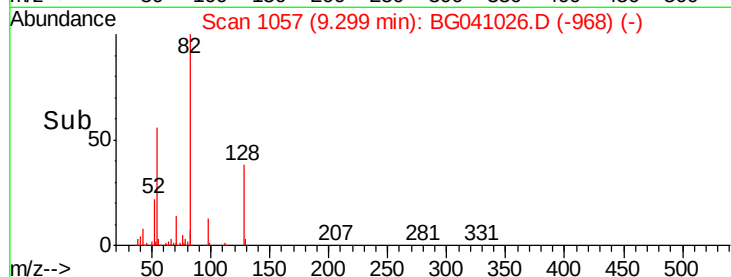
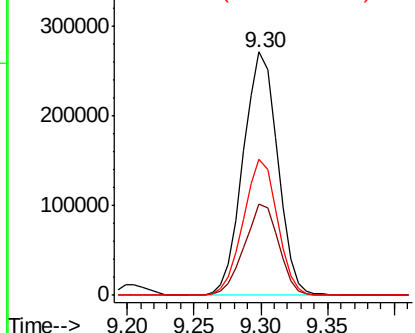
#23  
 Nitrobenzene-d5  
 Concen: 87.918 ng  
 RT: 9.30 min Scan# 1057  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 485288 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 37.7 | 30.5  | 45.7   |
| 54        | 55.9 | 44.6  | 66.8   |

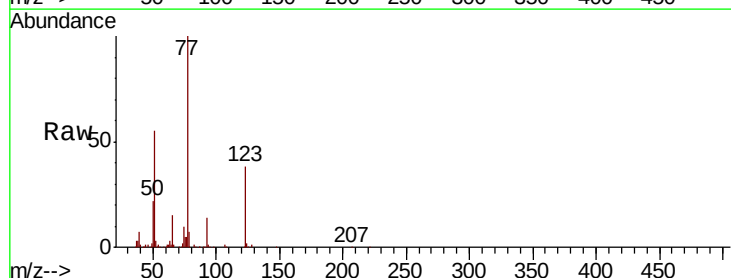


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

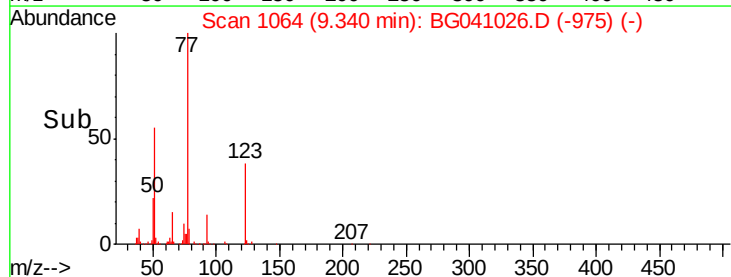
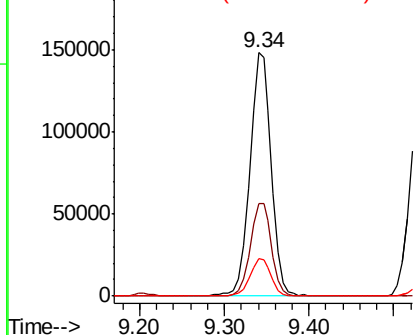


#24  
 Nitrobenzene  
 Concen: 46.347 ng  
 RT: 9.34 min Scan# 1064  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

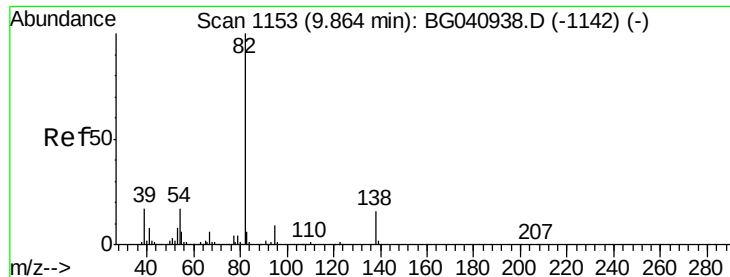
| Tgt Ion   | 77   | Resp  | 260704 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 37.9 | 30.6  | 46.0   |
| 65        | 15.3 | 12.3  | 18.5   |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
 Ion 123.00 (122.70 to 123.70): BGC  
 Ion 65.00 (64.70 to 65.70): BGC







#25

Isophorone

Concen: 44.917 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

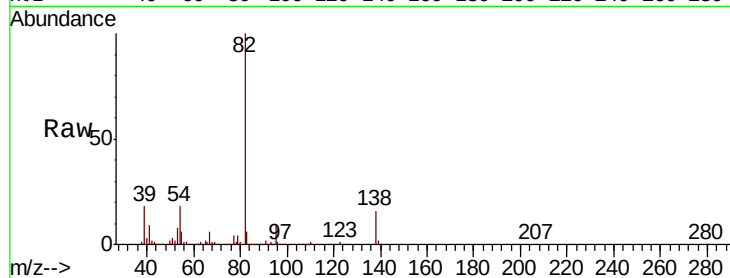
Tot Ion: 82 Resp: 471834

Ion Ratio Lower Upper

82 100

95 8.9 7.0 10.4

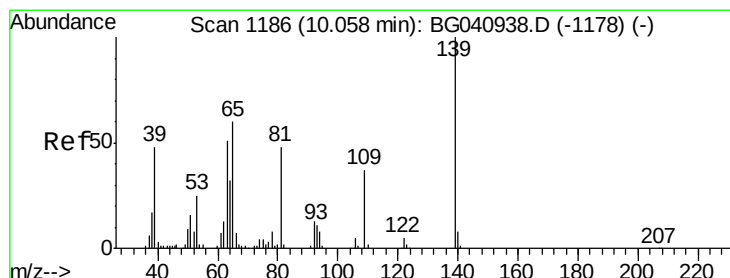
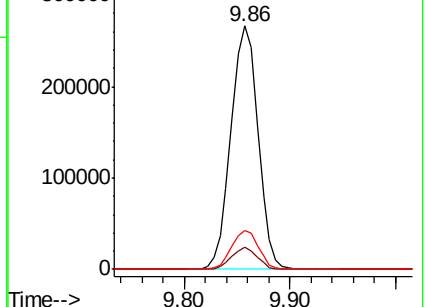
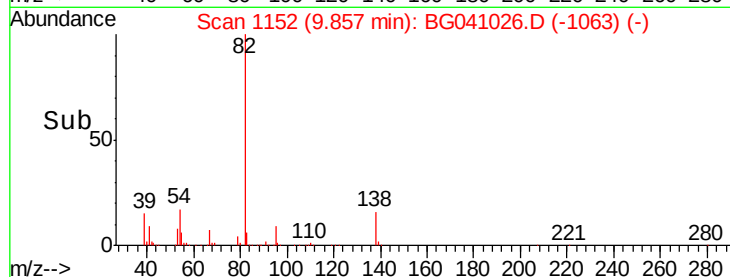
138 16.1 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG041026.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BG041026.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BG041026.D (-1063) (-)



#26

2-Nitrophenol

Concen: 49.161 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

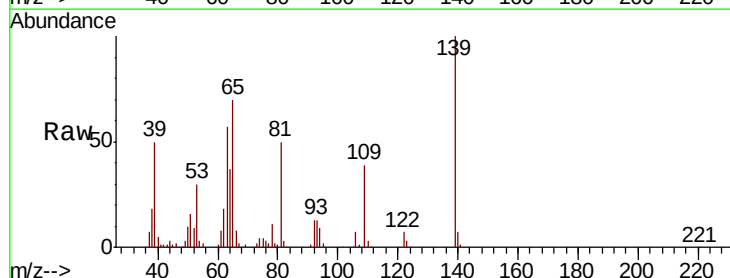
Tgt Ion: 139 Resp: 114002

Ion Ratio Lower Upper

139 100

109 39.3 29.8 44.6

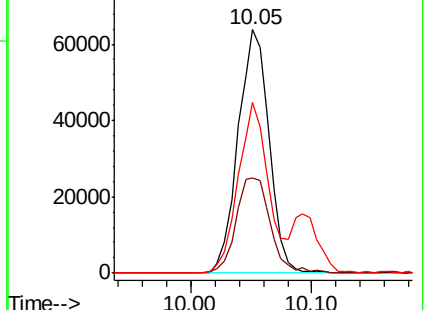
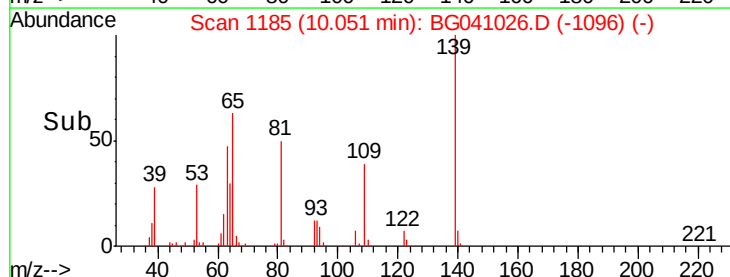
65 70.1 47.8 71.6

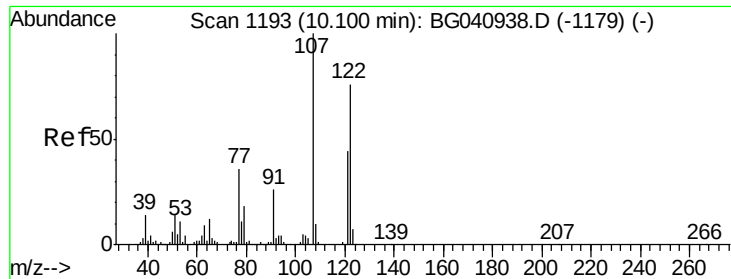


Abundance Ion 139.00 (138.70 to 139.70): BG041026.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BG041026.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BG041026.D (-1096) (-)

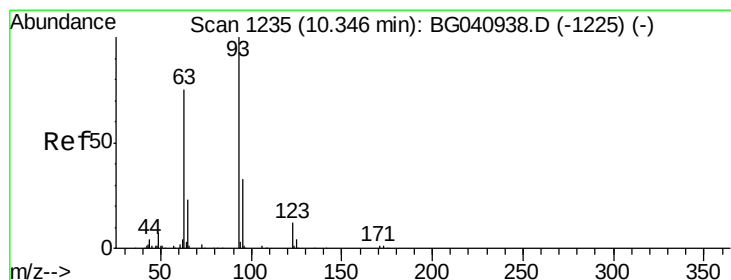
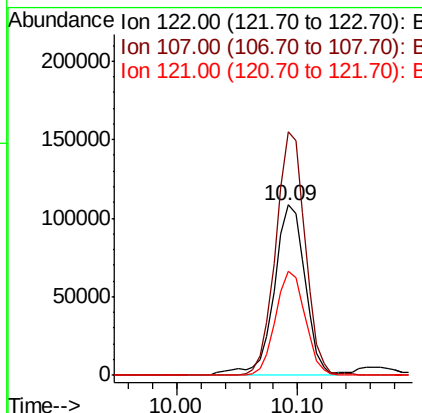
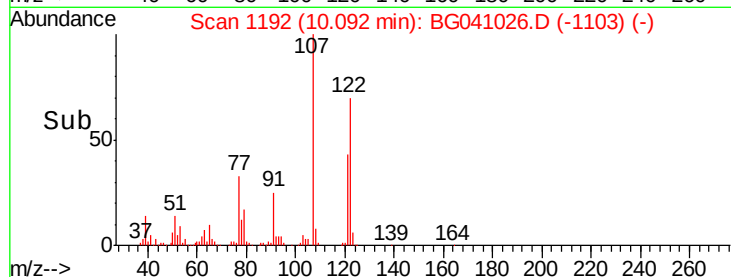
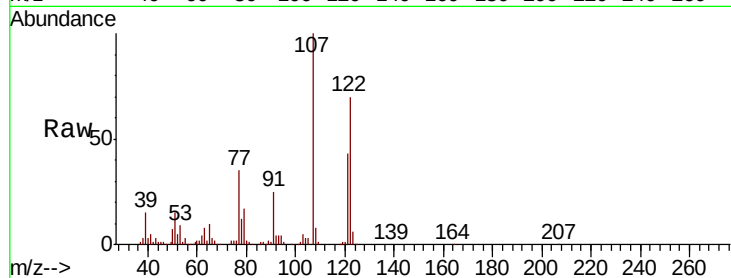




#27  
 2,4-Dimethylphenol  
 Concen: 50.228 ng  
 RT: 10.09 min Scan# 1192  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

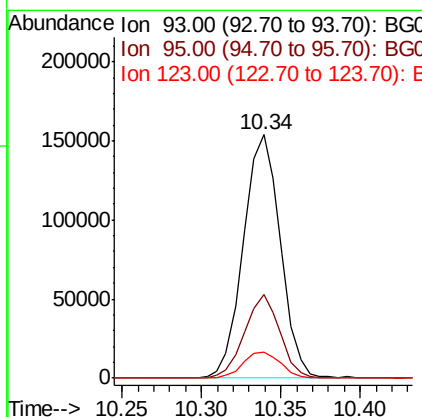
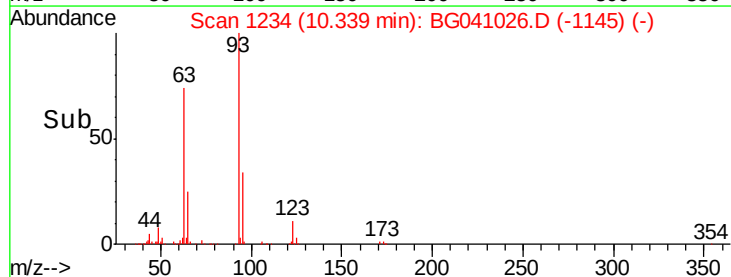
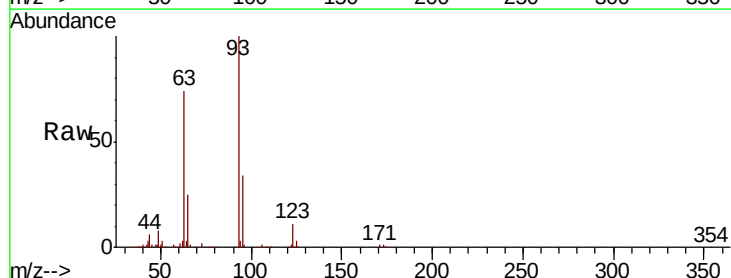
Instrument :  
 BNA\_G  
 ClientSampleId :

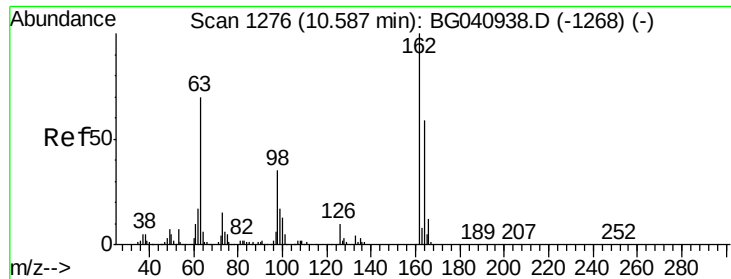
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 142.7 | 105.9 | 158.9 |
| 121     | 60.9  | 46.2  | 69.4  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.034 ng  
 RT: 10.34 min Scan# 1234  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.5  | 26.2  | 39.2  |
| 123     | 10.9  | 9.5   | 14.3  |





#29

2,4-Dichlorophenol

Concen: 46.055 ng

RT: 10.58 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

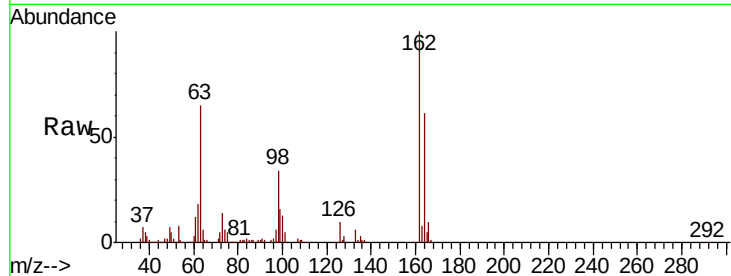
Tot Ion:162 Resp: 223986

Ion Ratio Lower Upper

162 100

164 61.2 39.4 79.4

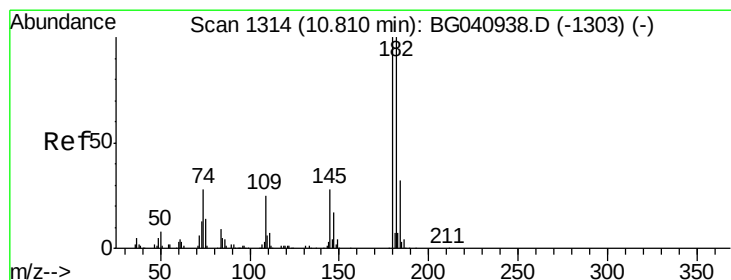
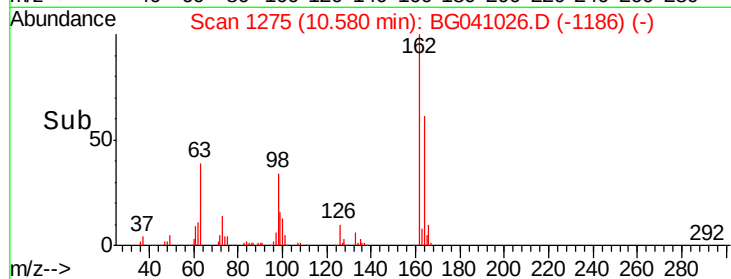
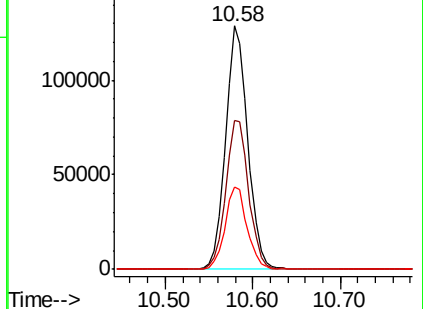
98 33.6 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.386 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

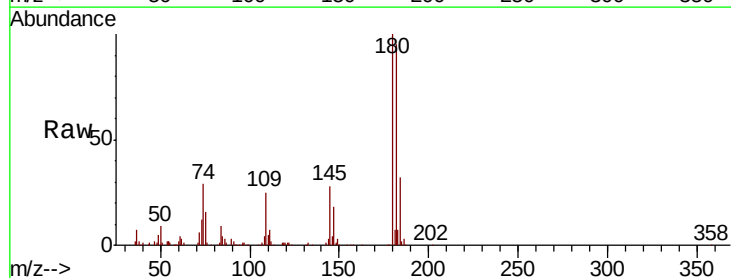
Tgt Ion:180 Resp: 240040

Ion Ratio Lower Upper

180 100

182 95.5 79.7 119.5

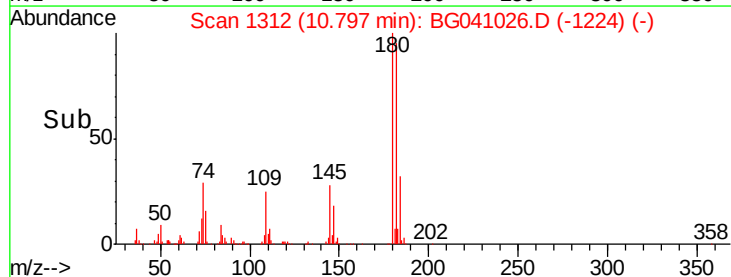
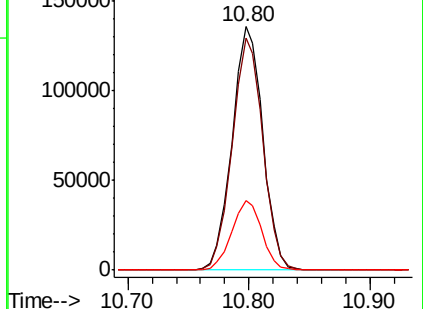
145 28.4 22.6 34.0

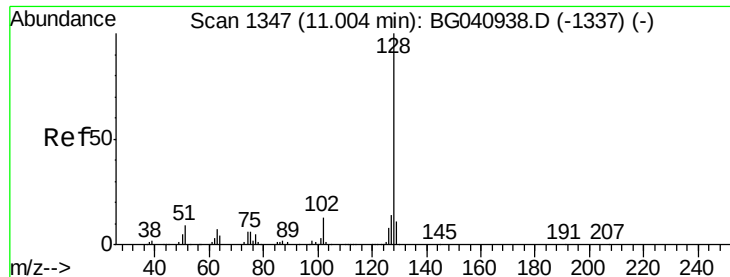


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

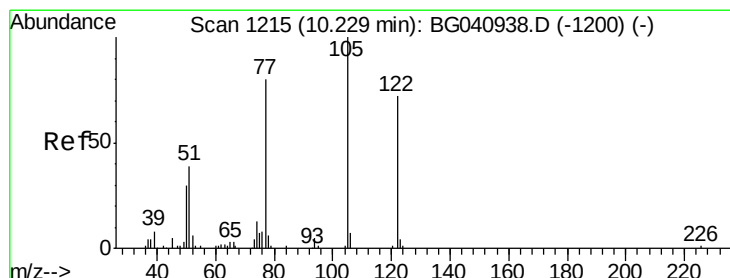
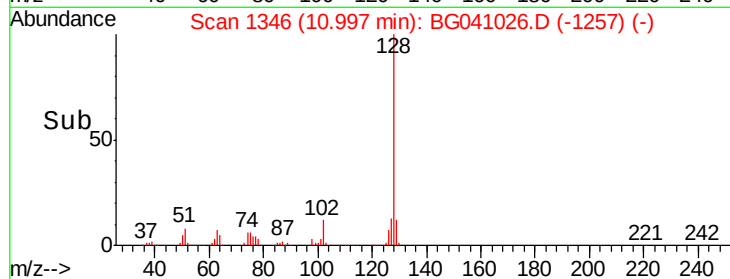
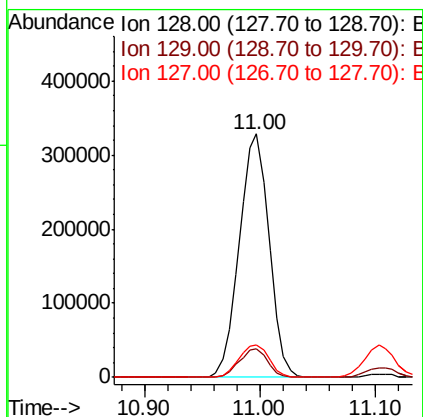
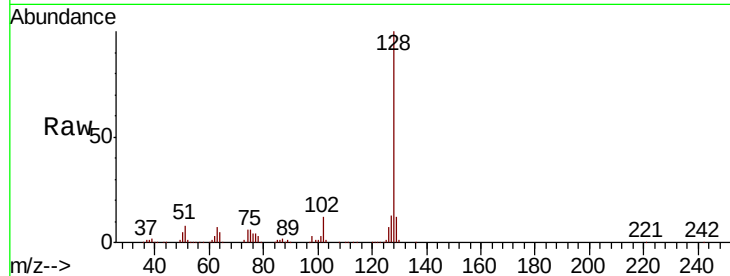




#31  
Naphthalene  
Concen: 44.724 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

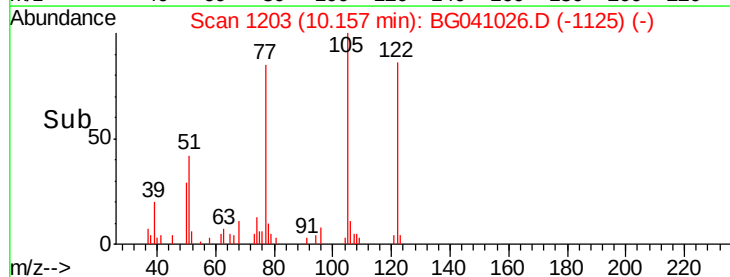
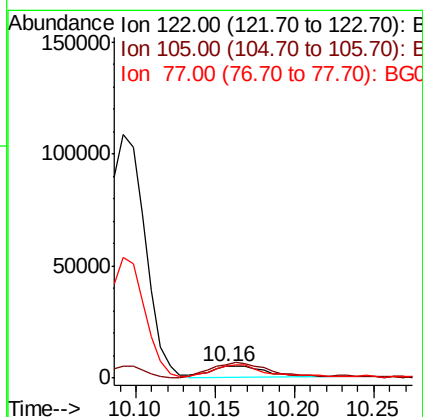
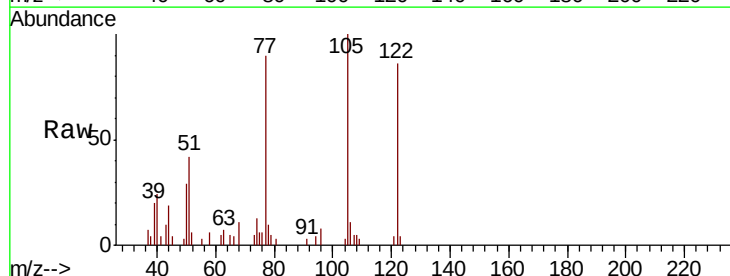
Instrument :  
BNA\_G  
ClientSampleId :

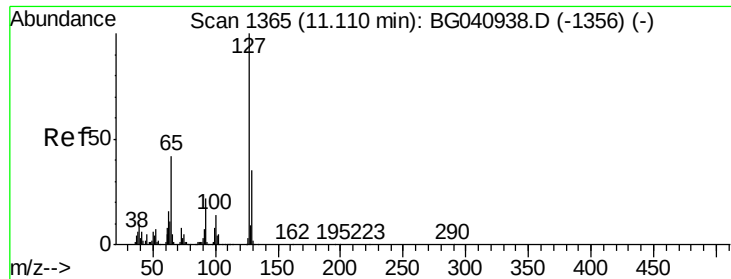
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 8.5   | 12.7  |
| 127     | 13.1  | 11.4  | 17.2  |



#32  
Benzoic acid  
Concen: 11.490 ng  
RT: 10.16 min Scan# 1203  
Delta R.T. -0.07 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 116.7 | 114.8 | 154.8 |
| 77      | 105.0 | 89.9  | 129.9 |

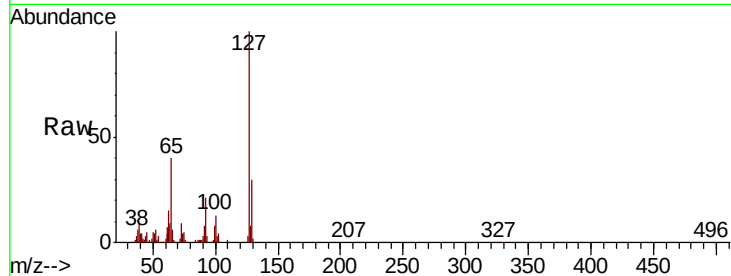




#33  
4-Chloroaniline  
Concen: 13.470 ng  
RT: 11.10 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |       |  |
|-------------|-------|-------|--|
| Tot Ion:127 | Resp: | 82228 |  |
| Ion Ratio   | Lower | Upper |  |
| 127 100     |       |       |  |
| 129 29.7    | 27.7  | 41.5  |  |
| 65 39.9     | 33.2  | 49.8  |  |
| 92 21.1     | 17.2  | 25.8  |  |



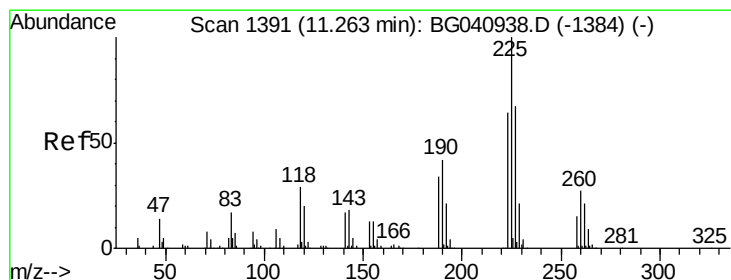
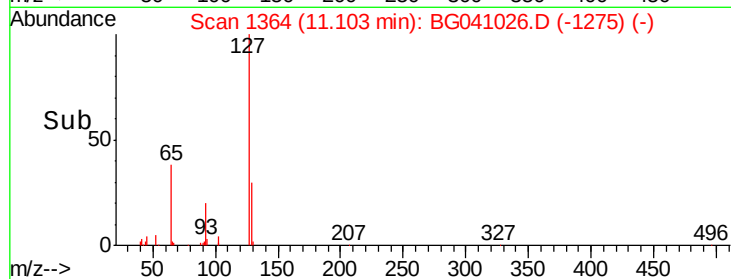
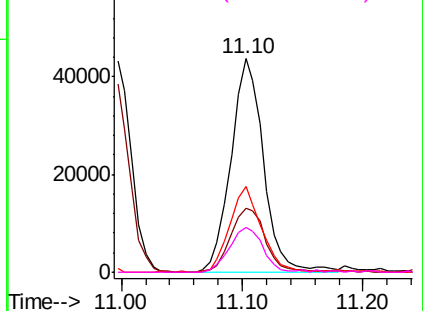
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

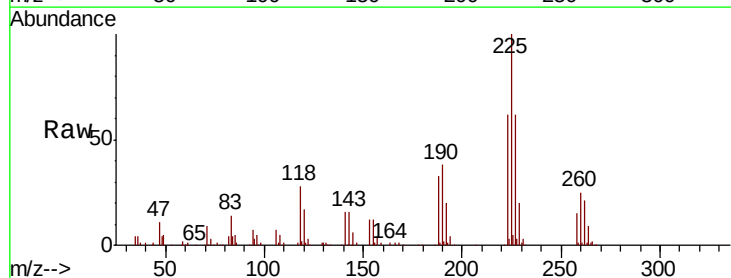
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 41.662 ng  
RT: 11.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 176370 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 62.1    | 48.8  | 73.2   |
| 227 | 61.6    | 51.4  | 77.0   |

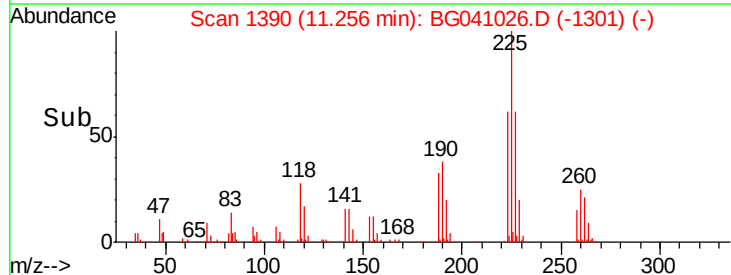
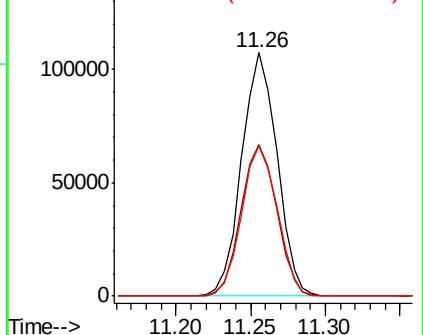


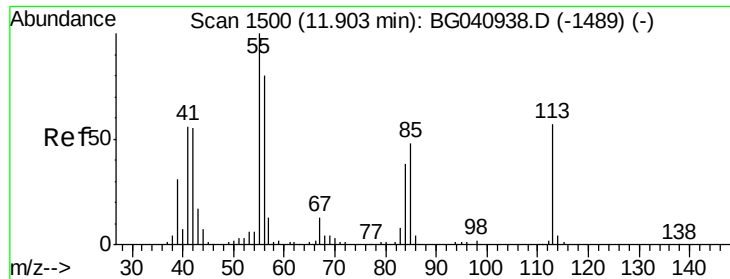
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

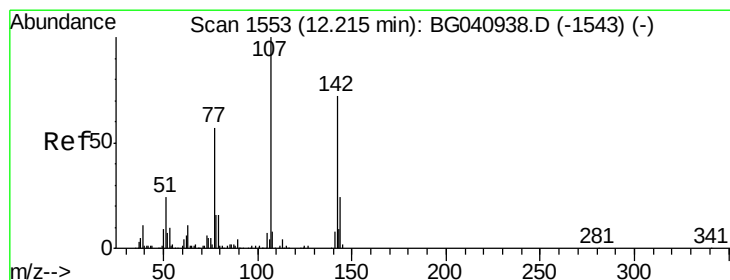
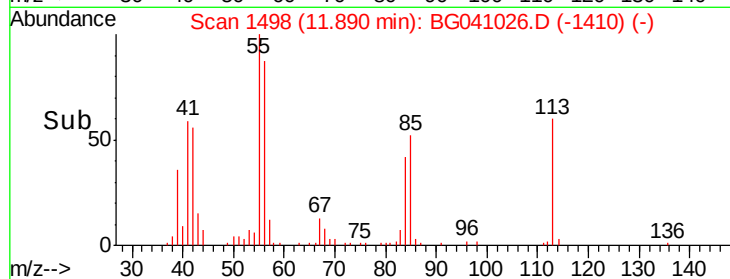
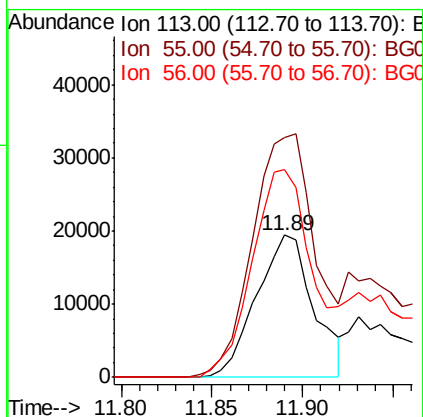
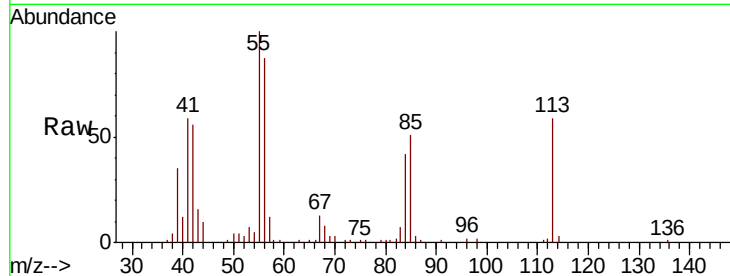




#35  
 Caprolactam  
 Concen: 26.520 ng  
 RT: 11.89 min Scan# 1498  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

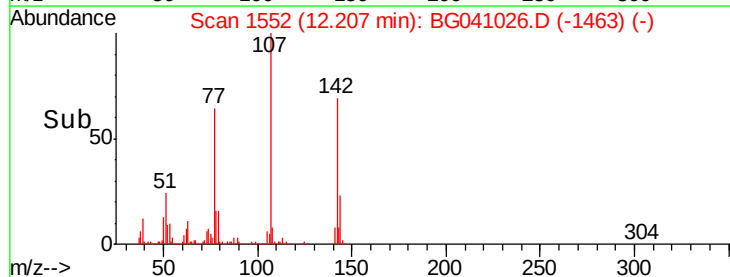
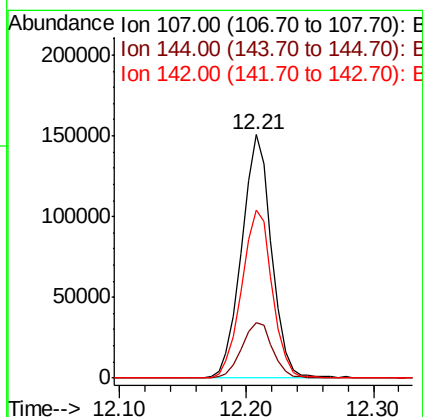
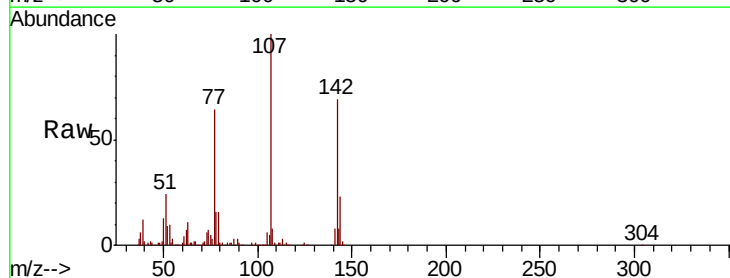
Instrument :  
 BNA\_G  
 ClientSampleId :

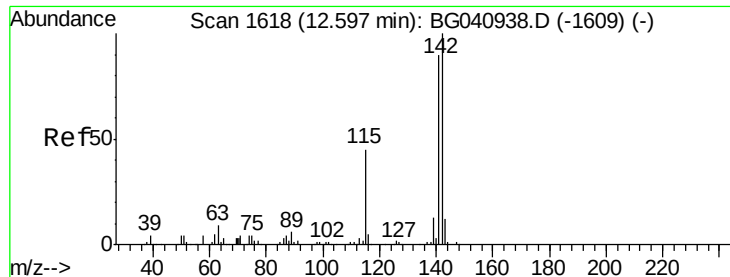
Tot Ion:113 Resp: 42592  
 Ion Ratio Lower Upper  
 113 100  
 55 169.0 155.9 195.9  
 56 146.5 119.9 159.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.268 ng  
 RT: 12.21 min Scan# 1552  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

Tgt Ion:107 Resp: 245882  
 Ion Ratio Lower Upper  
 107 100  
 144 22.6 19.4 29.0  
 142 69.2 57.3 85.9

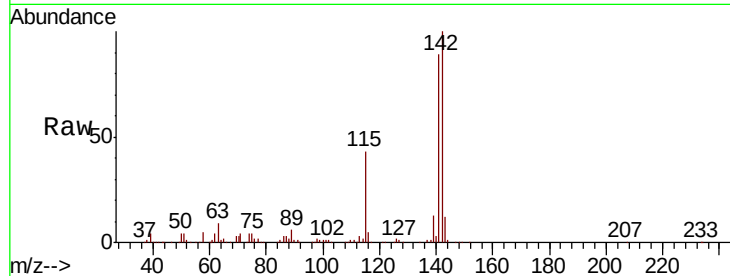




#37  
2-Methylnaphthalene  
Concen: 42.988 ng  
RT: 12.59 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 72.2  | 108.4 |
| 115     | 43.2  | 36.2  | 54.4  |

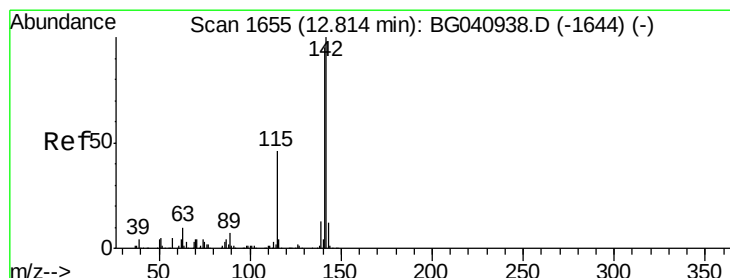
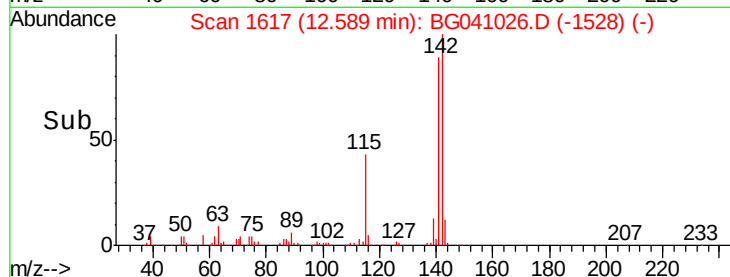
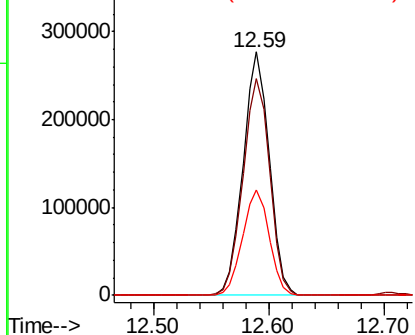


Abundance

Ion 142.00 (141.70 to 142.70): E

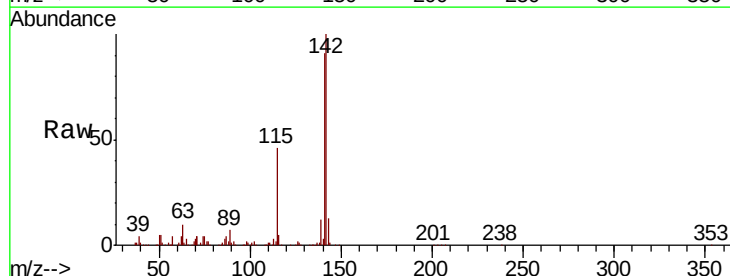
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 43.303 ng  
RT: 12.81 min Scan# 1654  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.0  | 75.7  | 113.5 |
| 116     | 5.0   | 3.4   | 5.2   |

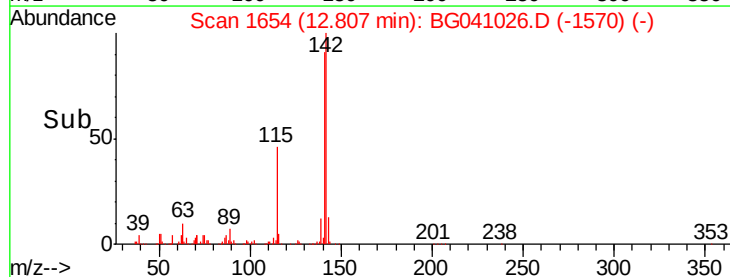
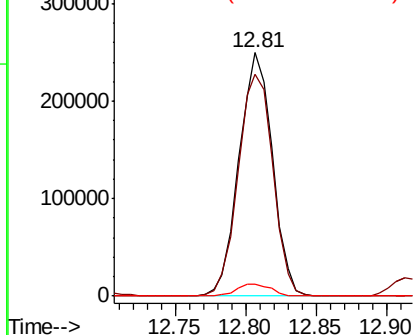


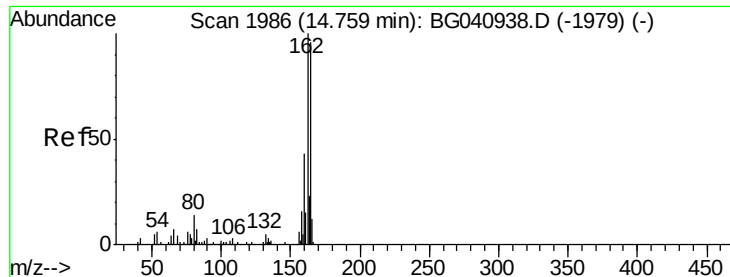
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

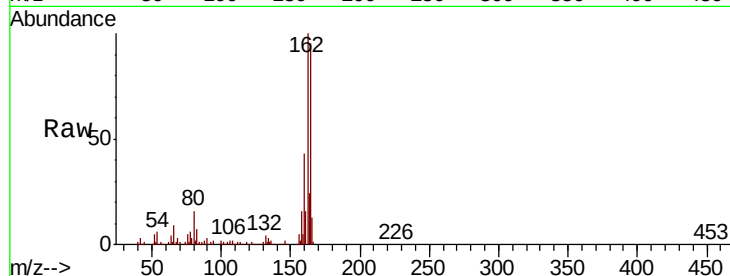
Tot Ion:164 Resp: 177664

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.4

160 45.7 35.6 53.4

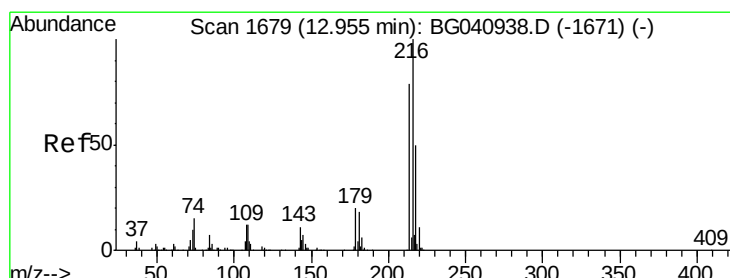
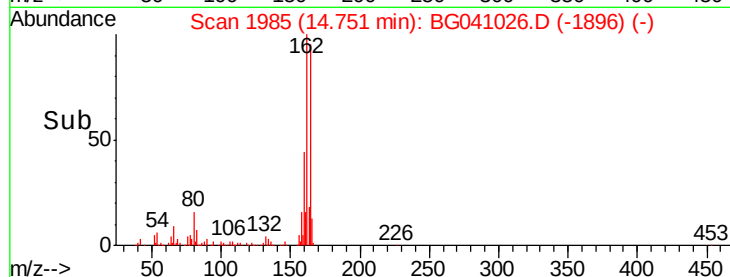
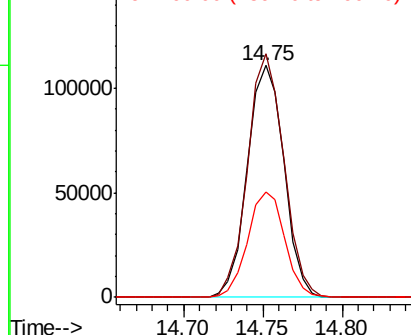


Abundance

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: 44.449 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Tgt Ion:216 Resp: 318295

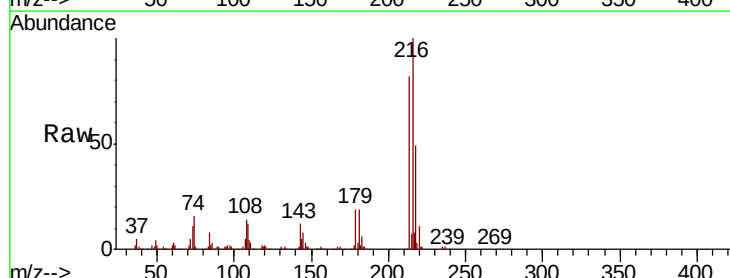
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.2

179 18.6 15.2 22.8

108 16.5 11.4 17.2



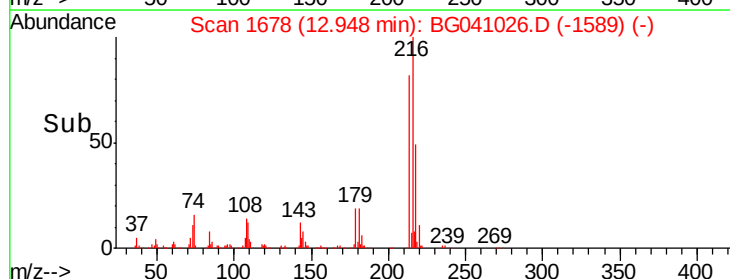
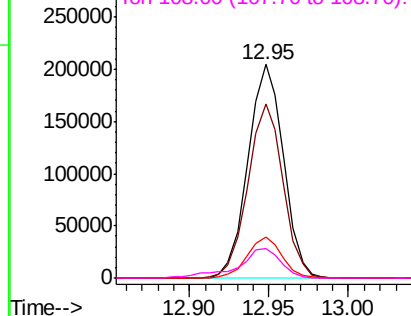
Abundance

Ion 216.00 (215.70 to 216.70): E

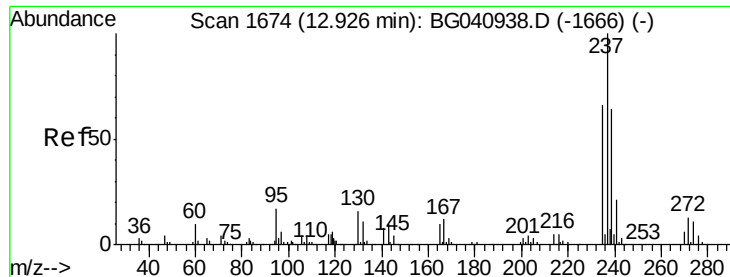
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 81.074 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

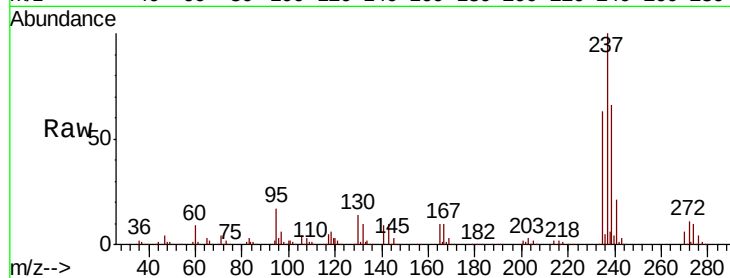
Tot Ion:237 Resp: 312552

Ion Ratio Lower Upper

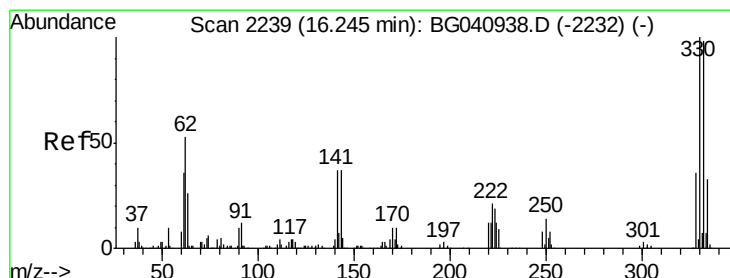
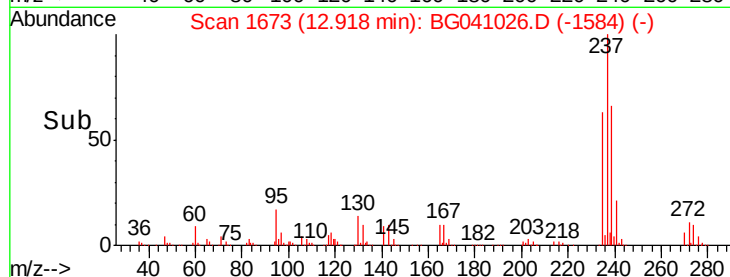
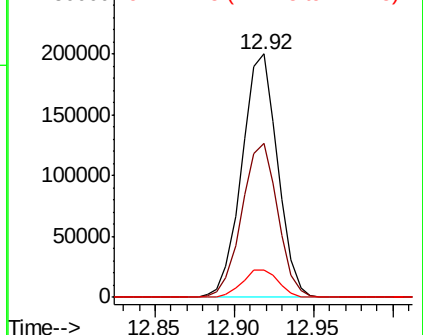
237 100

235 63.2 45.5 85.5

272 11.2 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.340 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

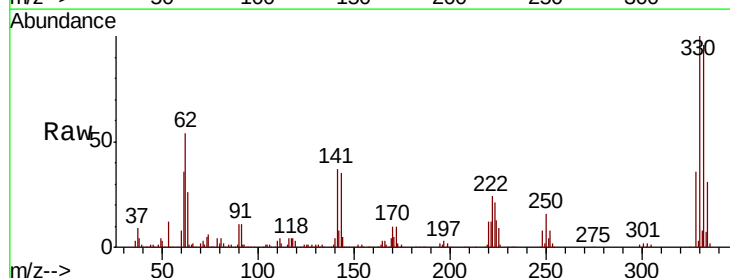
Tgt Ion:330 Resp: 364877

Ion Ratio Lower Upper

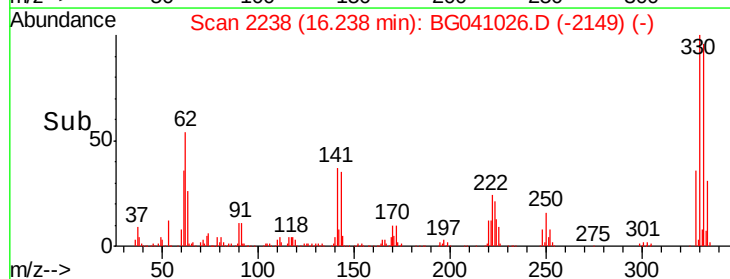
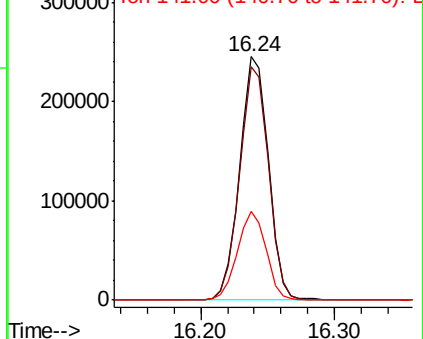
330 100

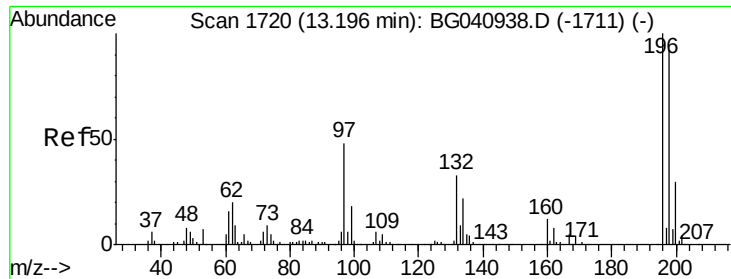
332 96.0 78.5 117.7

141 36.4 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

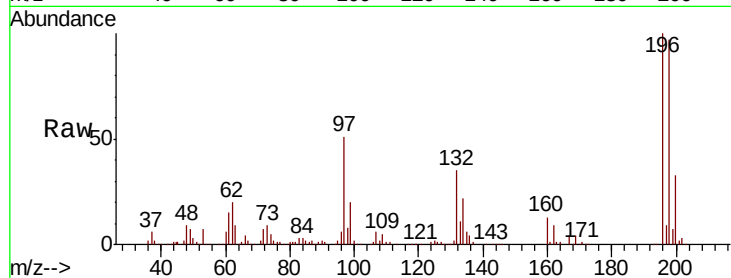




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.727 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion   | 196   | Resp  | 211825 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.0  | 73.8  | 110.6  |
| 200       | 32.9  | 24.1  | 36.1   |

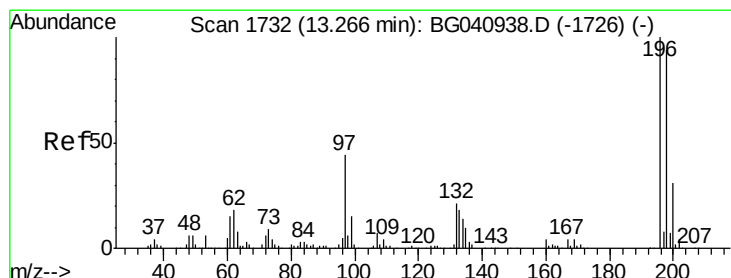
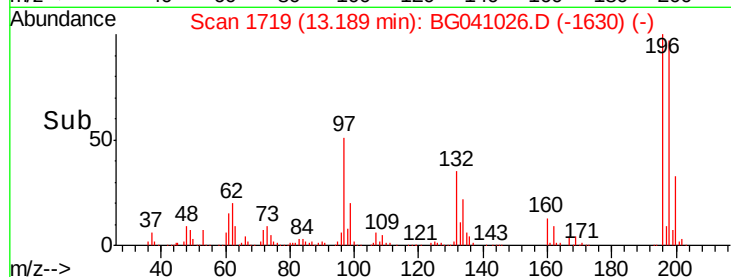
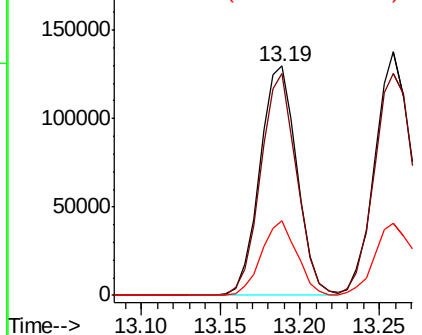


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.626 ng  
 RT: 13.26 min Scan# 1731  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

| Tgt Ion   | 196   | Resp  | 222905 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 91.3  | 75.1  | 112.7  |
| 97        | 45.6  | 35.6  | 53.4   |
| 132       | 22.3  | 16.7  | 25.1   |

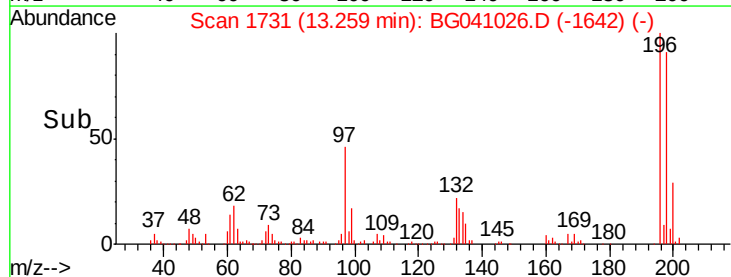
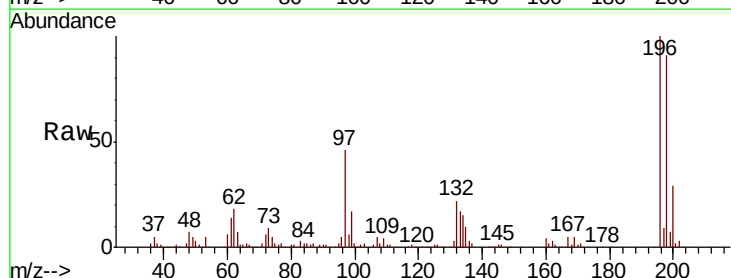
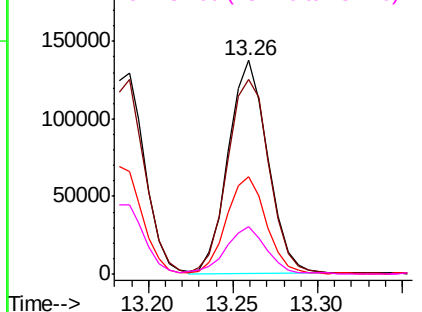
Abundance

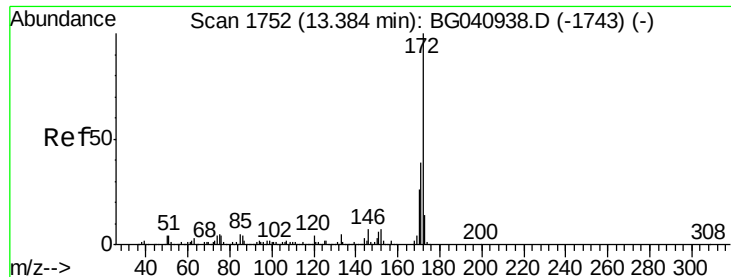
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

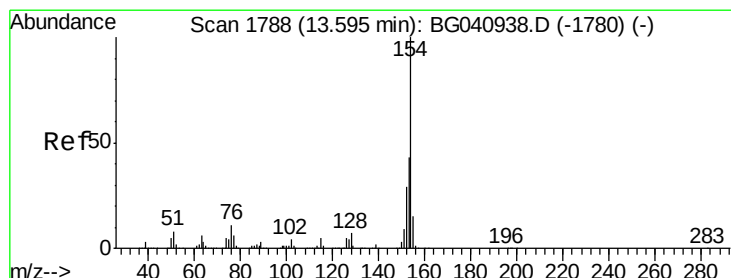
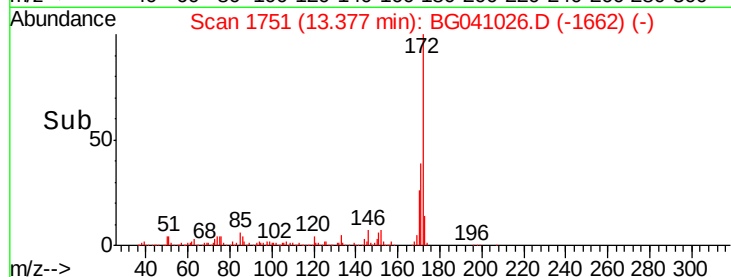
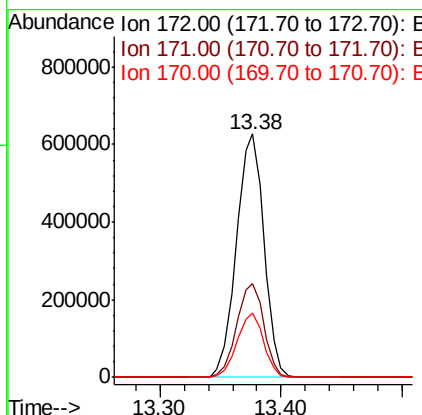
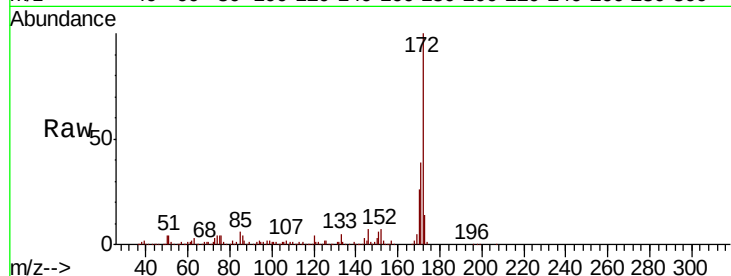




#45  
2-Fluorobiphenyl  
Concen: 80.719 ng  
RT: 13.38 min Scan# 1751  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

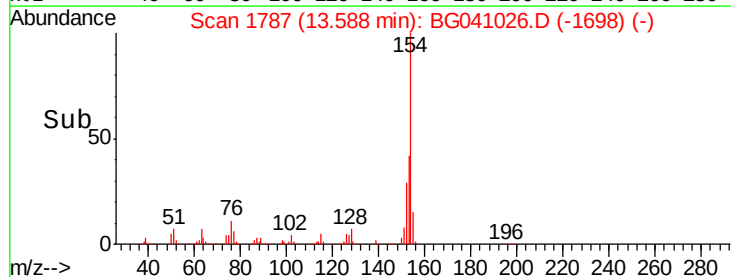
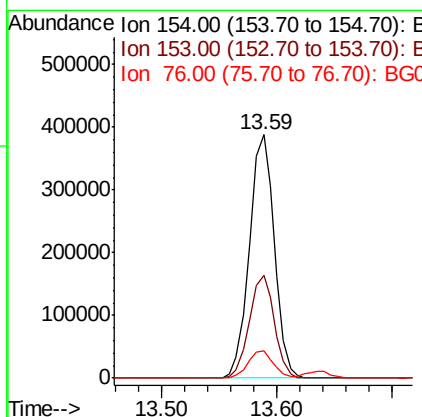
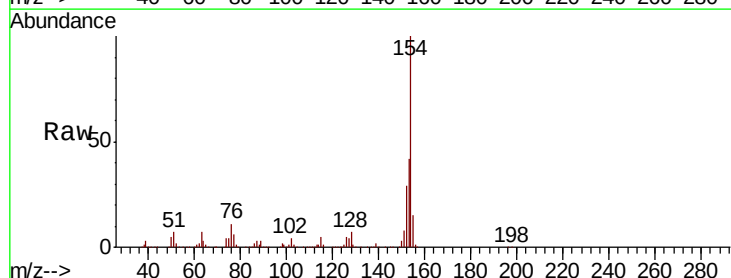
Instrument :  
BNA\_G  
ClientSampleId :

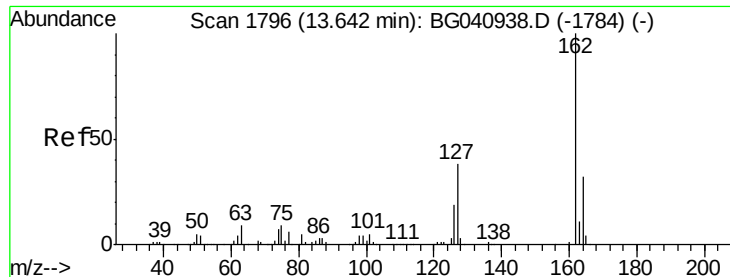
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 31.1  | 46.7  |
| 170     | 26.4  | 20.5  | 30.7  |



#46  
1,1'-Biphenyl  
Concen: 44.300 ng  
RT: 13.59 min Scan# 1787  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 23.3  | 63.3  |
| 76      | 11.3  | 0.0   | 31.1  |

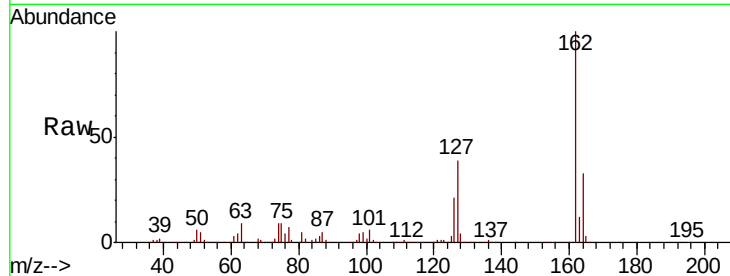




#47  
 2-Chloronaphthalene  
 Concen: 43.067 ng  
 RT: 13.64 min Scan# 1795  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.1  | 30.5  | 45.7  |
| 164     | 32.8  | 25.8  | 38.6  |

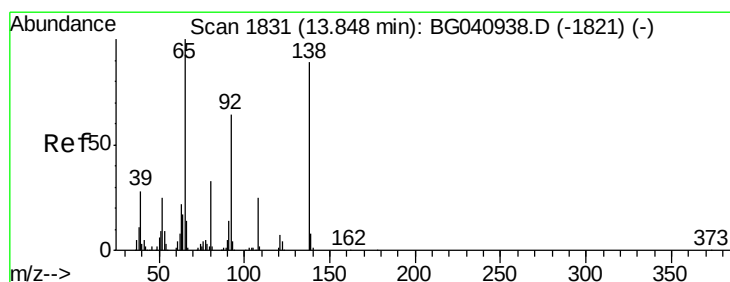
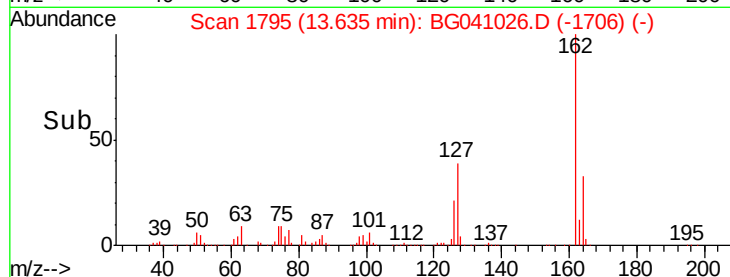
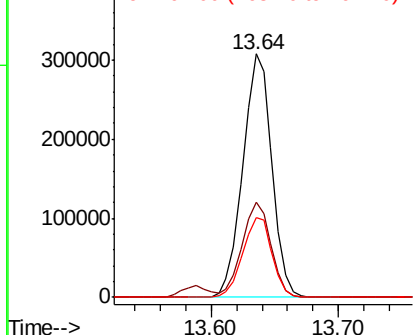


Abundance

Ion 162.00 (161.70 to 162.70): E

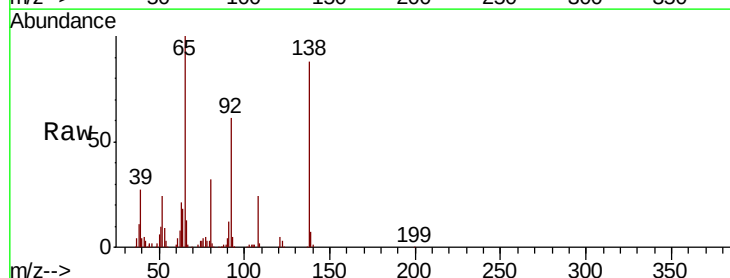
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
 2-Nitroaniline  
 Concen: 44.582 ng  
 RT: 13.84 min Scan# 1830  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.5  | 51.0  | 76.6  |
| 138     | 88.1  | 71.2  | 106.8 |

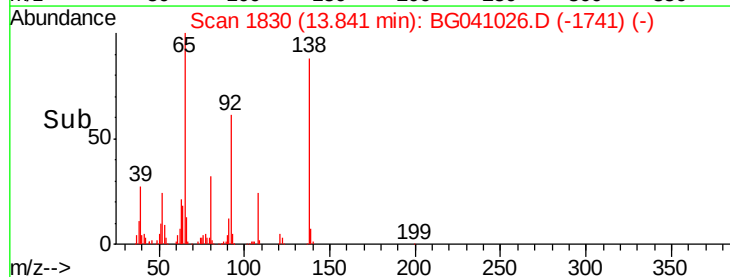
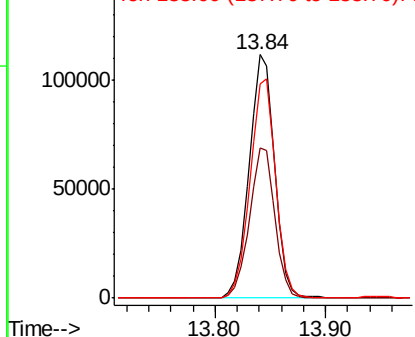


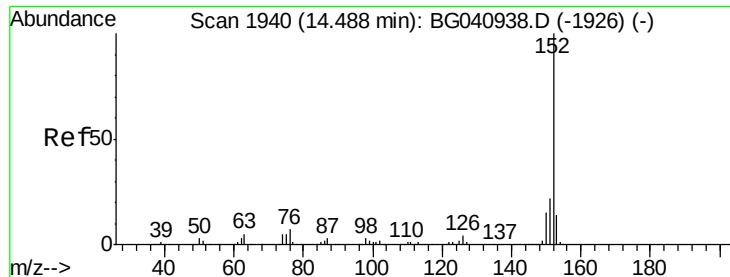
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.640 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

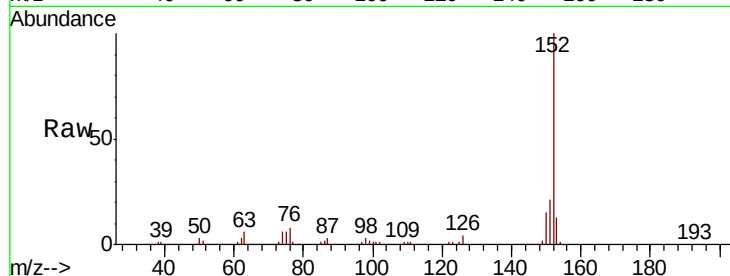
Tot Ion:152 Resp: 758531

Ion Ratio Lower Upper

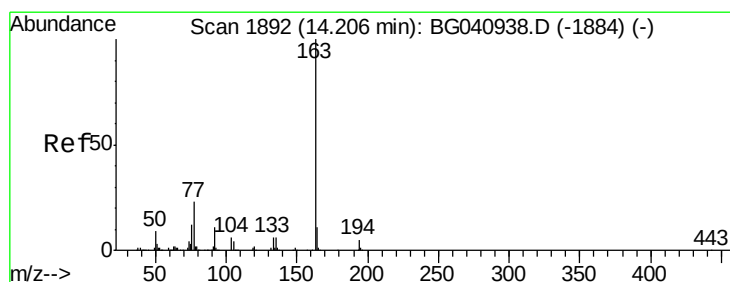
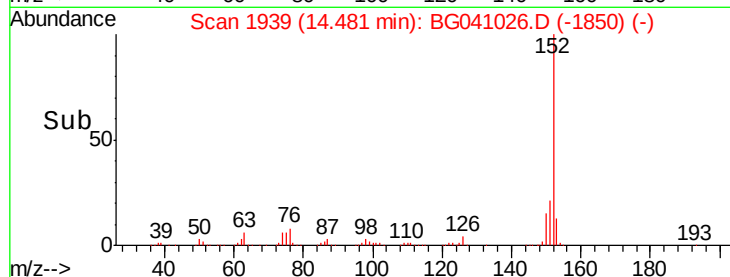
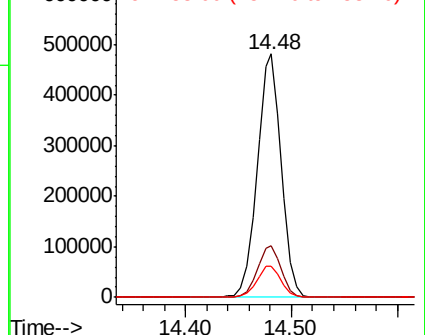
152 100

151 21.0 17.4 26.0

153 12.9 11.0 16.4



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: 53.282 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

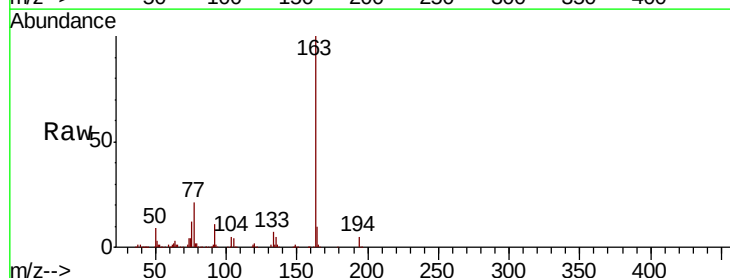
Tgt Ion:163 Resp: 801323

Ion Ratio Lower Upper

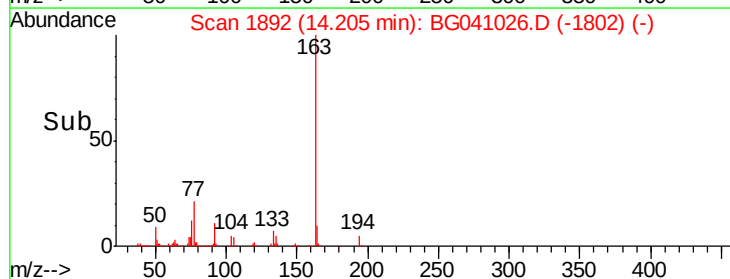
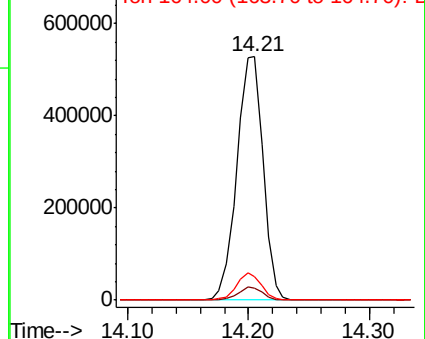
163 100

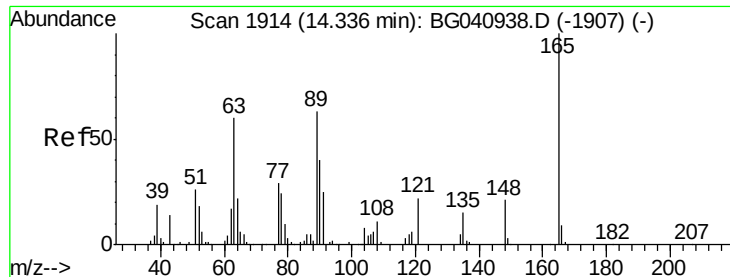
194 5.0 3.8 5.8

164 9.8 8.7 13.1



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: 45.619 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

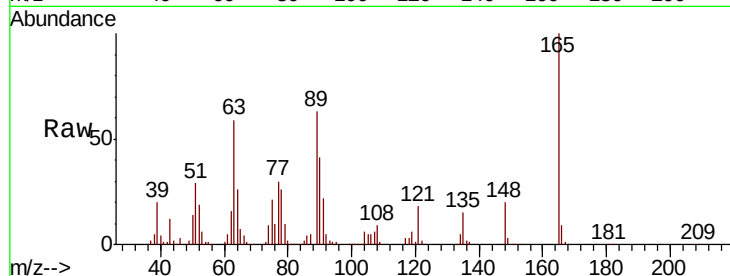
Tot Ion:165 Resp: 147925

Ion Ratio Lower Upper

165 100

63 59.0 53.6 80.4

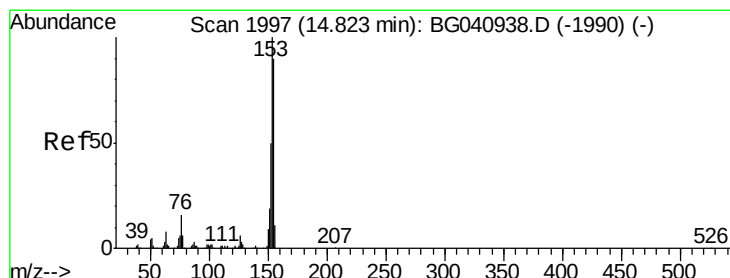
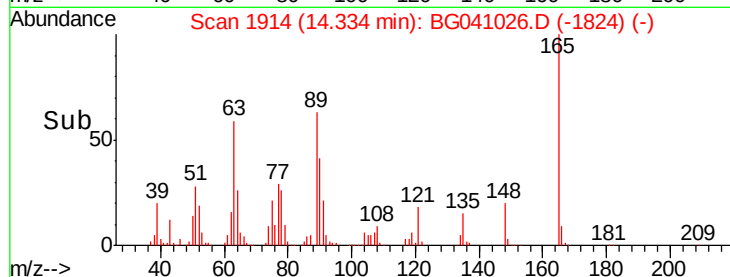
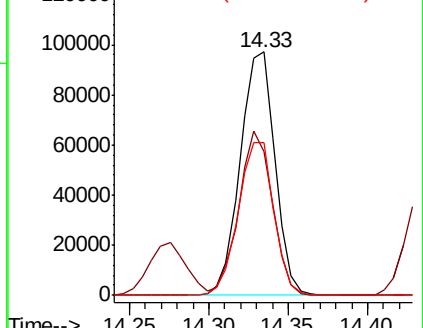
89 62.6 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.050 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

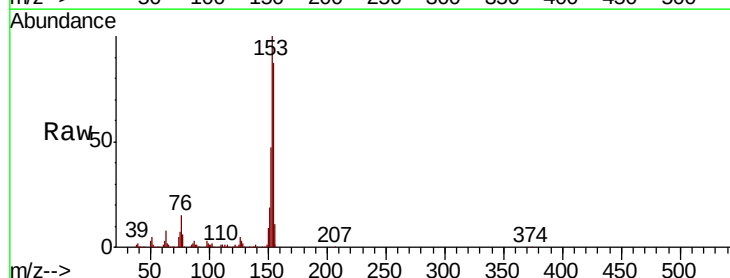
Tgt Ion:154 Resp: 443140

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

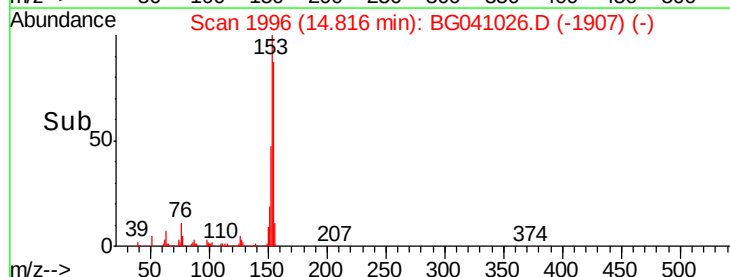
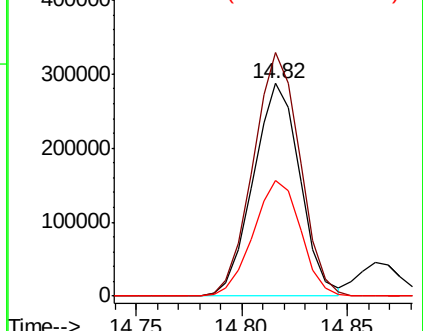
152 54.3 44.2 66.4

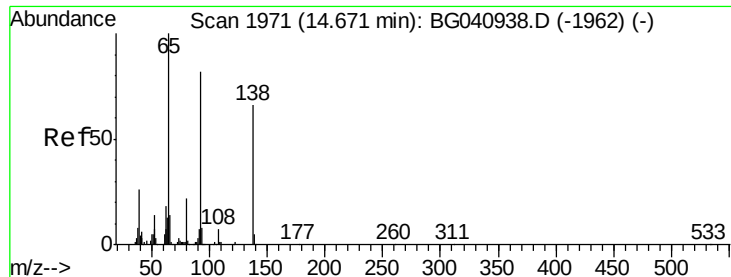


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

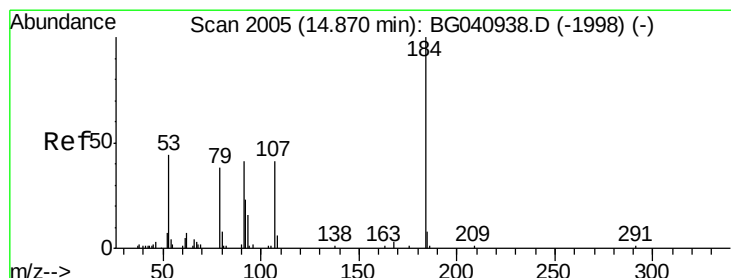
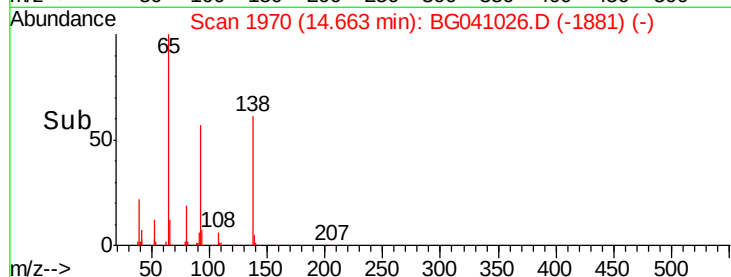
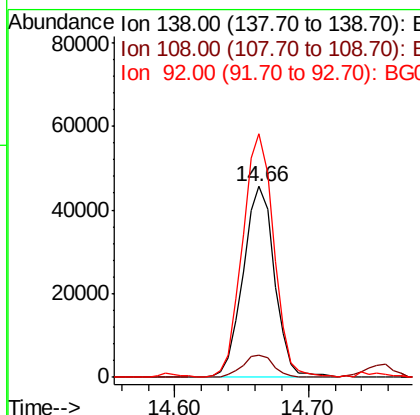
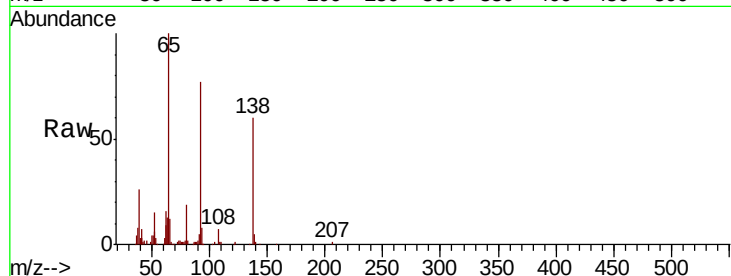




#53  
 3-Nitroaniline  
 Concen: 22.782 ng  
 RT: 14.66 min Scan# 1970  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

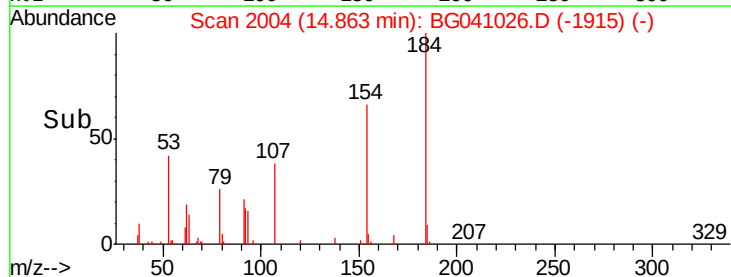
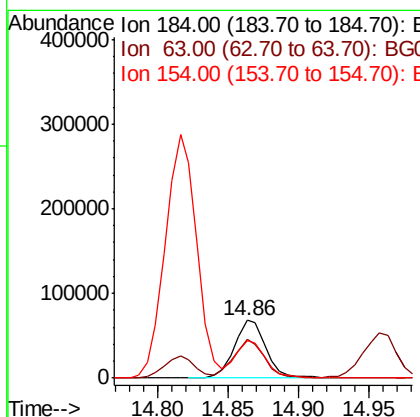
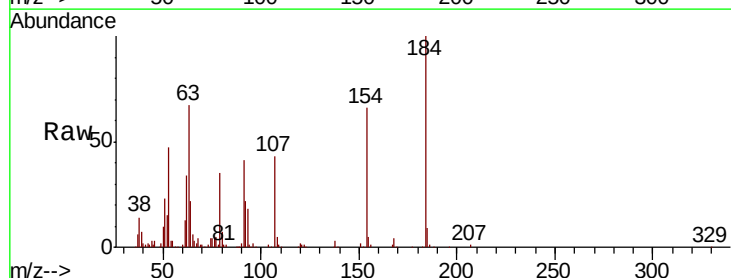
Instrument :  
 BNA\_G  
 ClientSampleId :

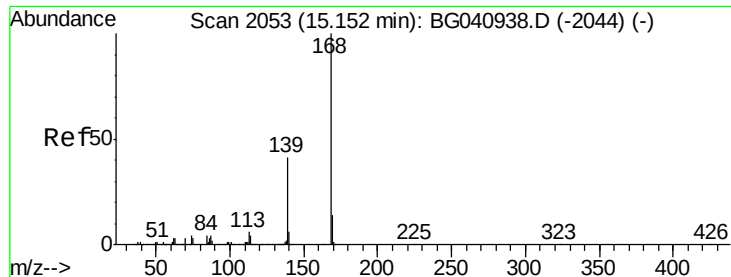
Tot Ion:138 Resp: 73869  
 Ion Ratio Lower Upper  
 138 100  
 108 11.5 8.5 12.7  
 92 127.8 99.0 148.6



#54  
 2,4-Dinitrophenol  
 Concen: 67.861 ng  
 RT: 14.86 min Scan# 2004  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

Tgt Ion:184 Resp: 106714  
 Ion Ratio Lower Upper  
 184 100  
 63 66.7 49.8 74.6  
 154 66.3 52.2 78.4

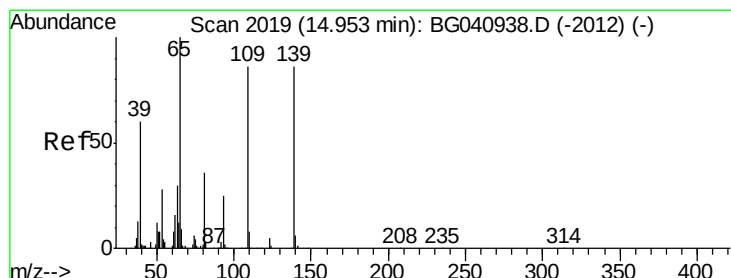
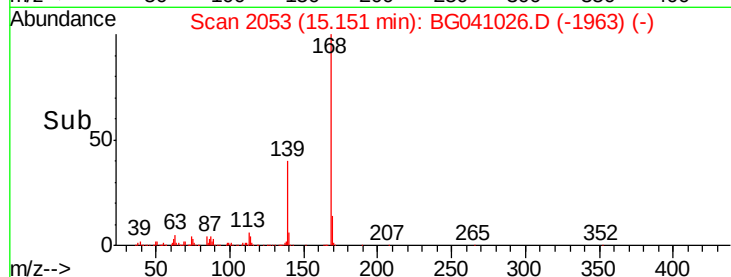
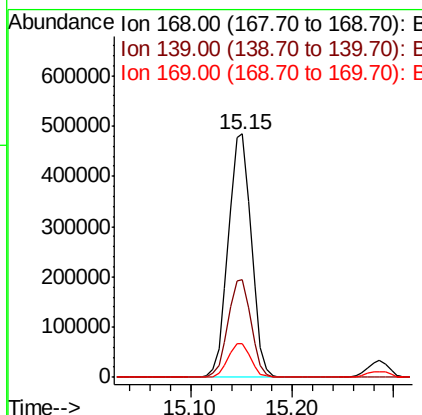
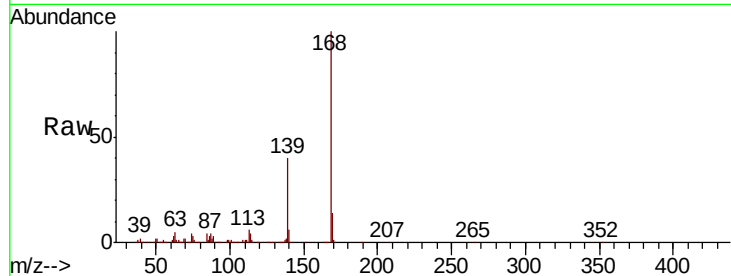




#55  
Dibenzenofuran  
Concen: 44.053 ng  
RT: 15.15 min Scan# 2053  
Delta R.T. -0.00 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

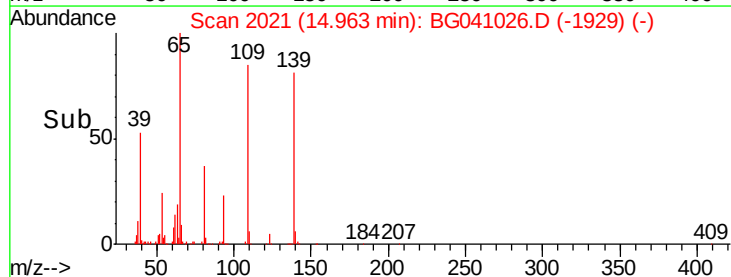
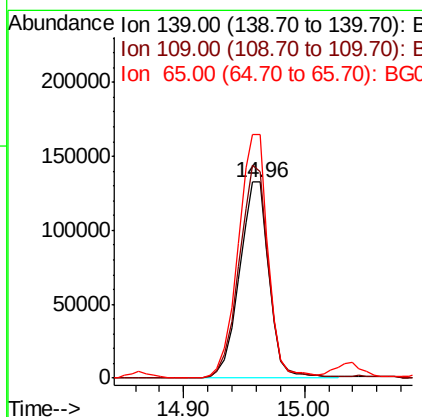
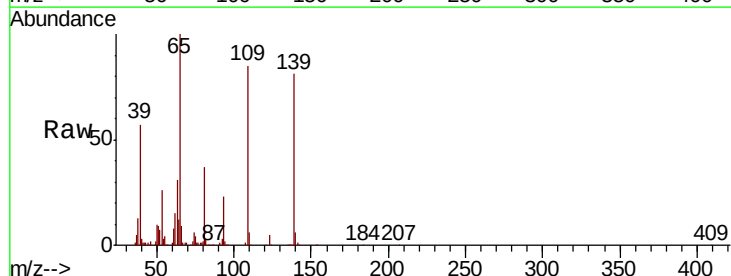
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.1  | 32.8  | 49.2  |
| 169     | 13.6  | 11.3  | 16.9  |

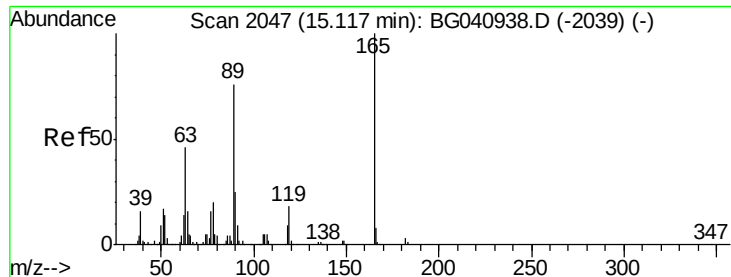


#56  
4-Nitrophenol  
Concen: 101.717 ng  
RT: 14.96 min Scan# 2021  
Delta R.T. 0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 105.5 | 79.6  | 119.6 |
| 65      | 124.2 | 96.9  | 136.9 |



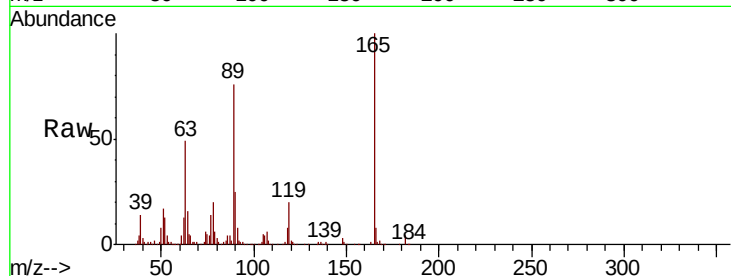




#57  
2,4-Dinitrotoluene  
Concen: 45.951 ng  
RT: 15.12 min Scan# 2047  
Delta R.T. -0.00 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.6  | 37.3  | 55.9  |
| 89      | 75.7  | 61.0  | 91.6  |
| 182     | 3.7   | 2.2   | 3.2#  |



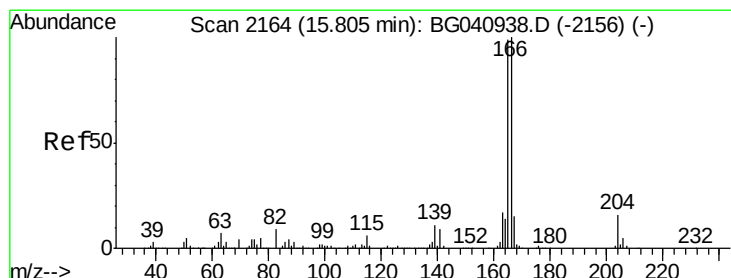
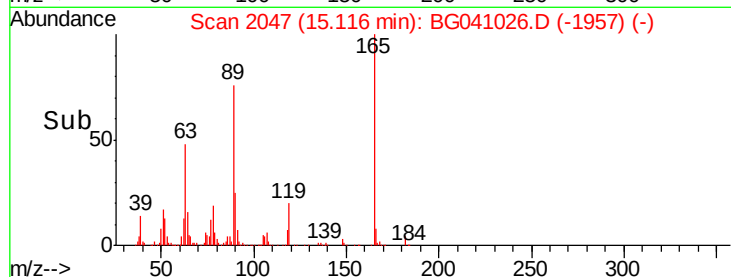
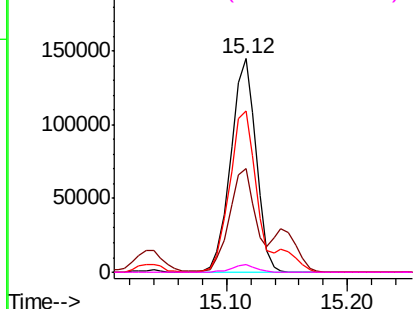
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

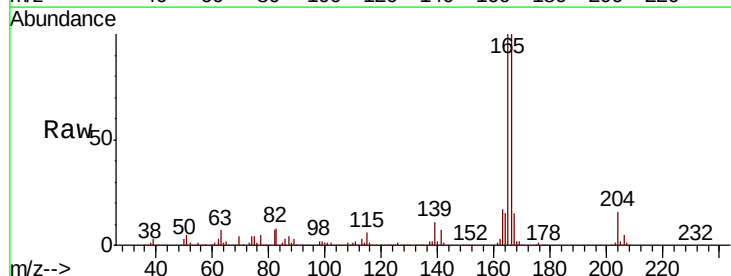
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 43.174 ng  
RT: 15.80 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.9  | 79.2  | 118.8 |
| 167     | 15.0  | 11.8  | 17.6  |

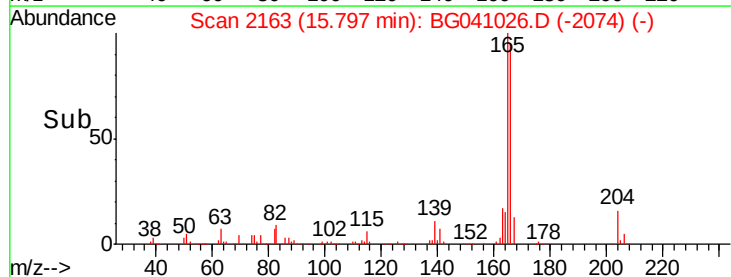
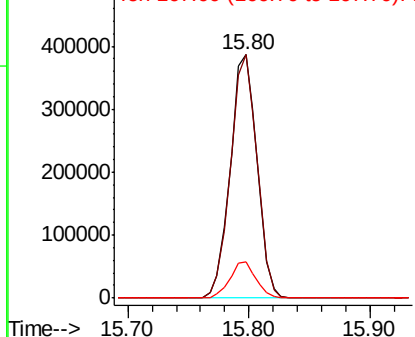


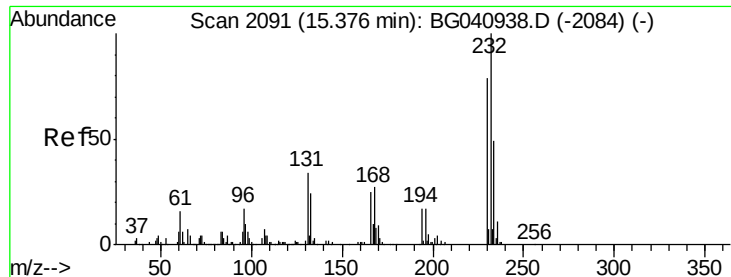
Abundance

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: 47.495 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:232 Resp: 228033

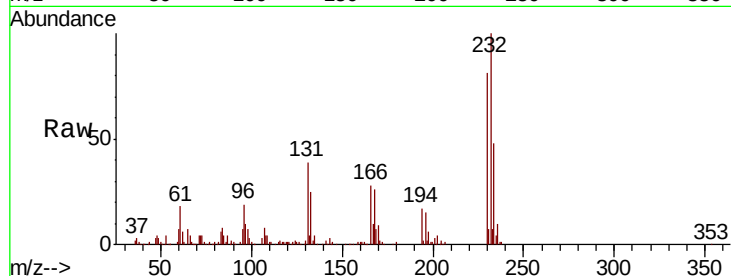
Ion Ratio Lower Upper

232 100

131 37.4 30.3 45.5

130 2.6 1.8 2.8

166 26.9 21.3 31.9

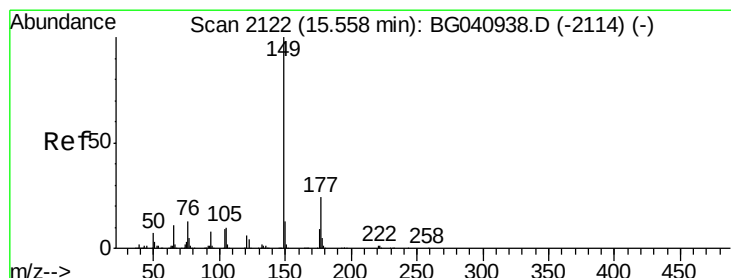
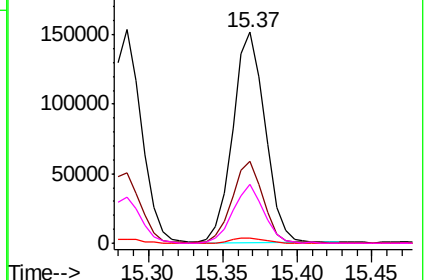
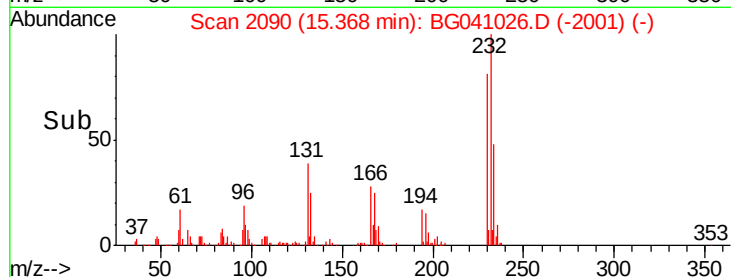


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.817 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

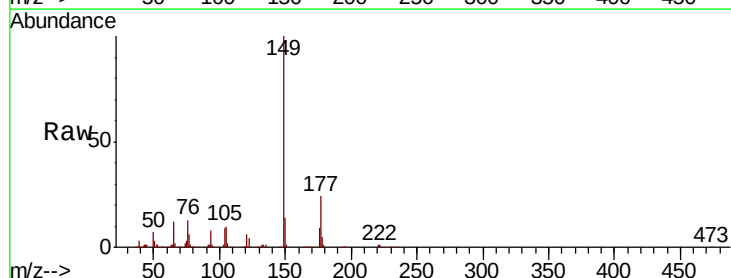
Tgt Ion:149 Resp: 657161

Ion Ratio Lower Upper

149 100

177 23.5 19.4 29.0

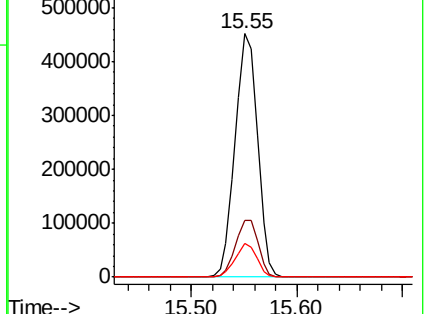
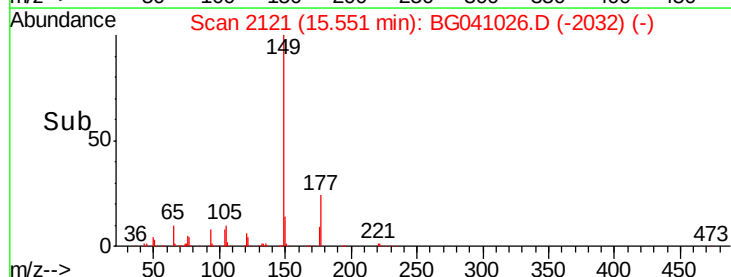
150 14.1 10.3 15.5

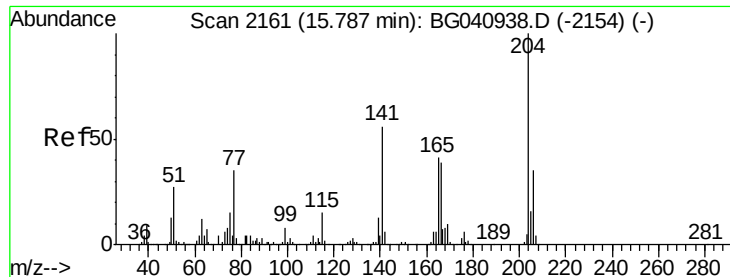


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

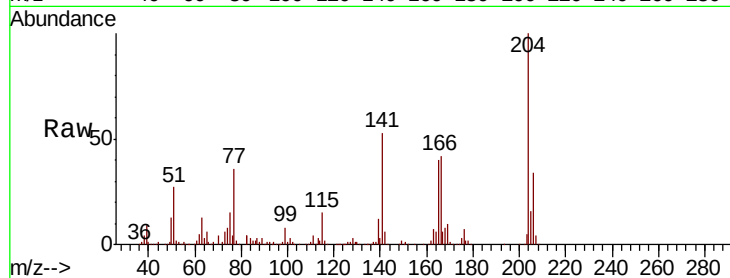




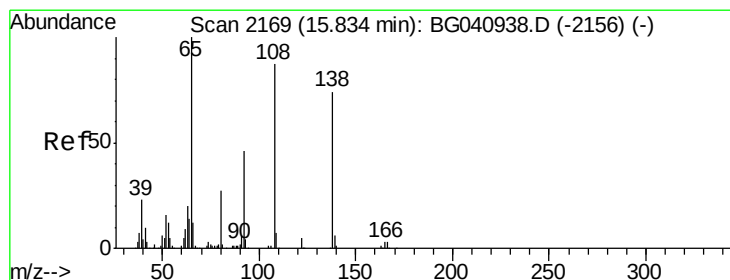
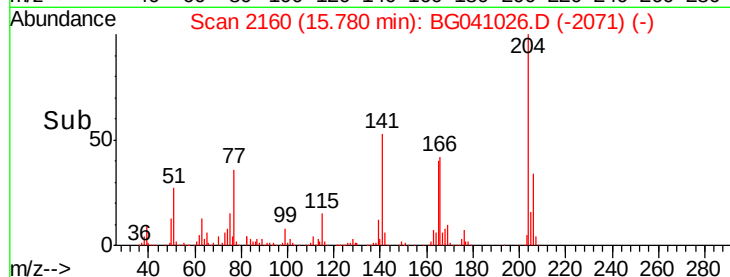
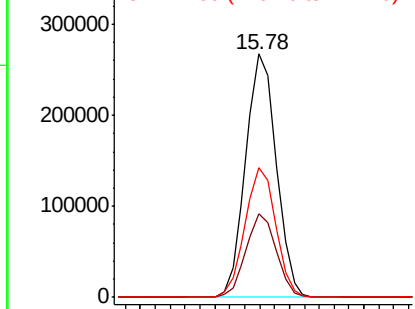
#61  
4-Chlorophenyl-phenylether  
Concen: 42.336 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:204 Resp: 379574  
Ion Ratio Lower Upper  
204 100  
206 34.2 27.6 41.4  
141 53.4 45.1 67.7

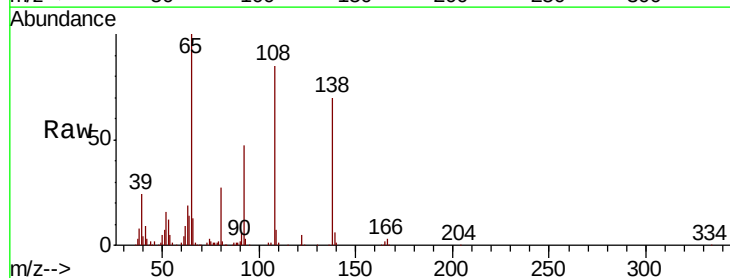


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

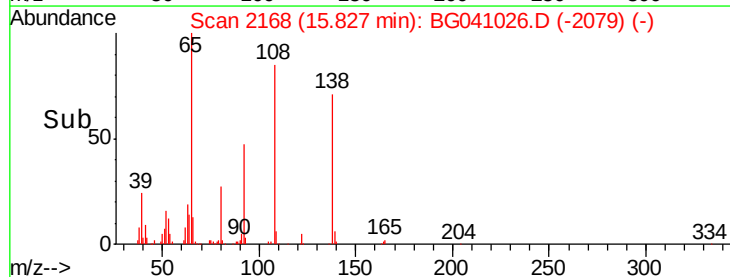
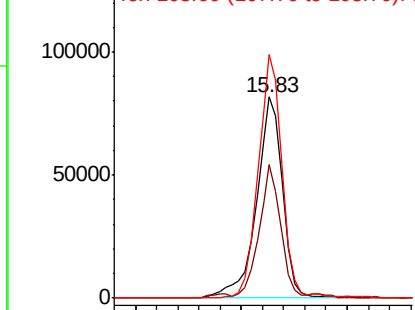


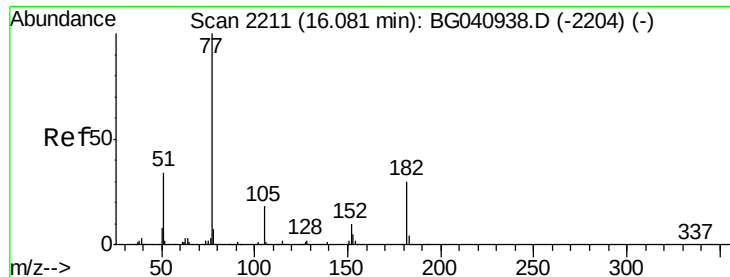
#62  
4-Nitroaniline  
Concen: 41.081 ng  
RT: 15.83 min Scan# 2168  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Tgt Ion:138 Resp: 141021  
Ion Ratio Lower Upper  
138 100  
92 66.3 42.4 82.4  
108 121.1 96.9 136.9



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.516 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 607031

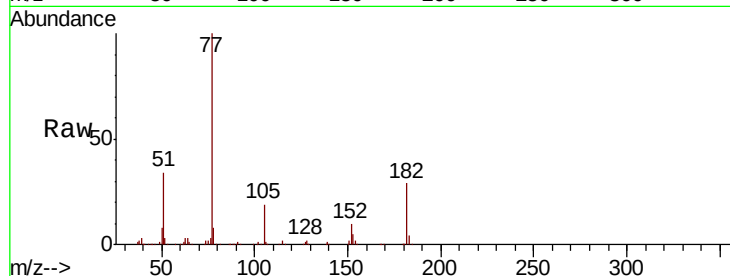
Ion Ratio Lower Upper

77 100

182 29.1 9.6 49.6

105 19.4 0.0 37.5

51 33.6 13.7 53.7

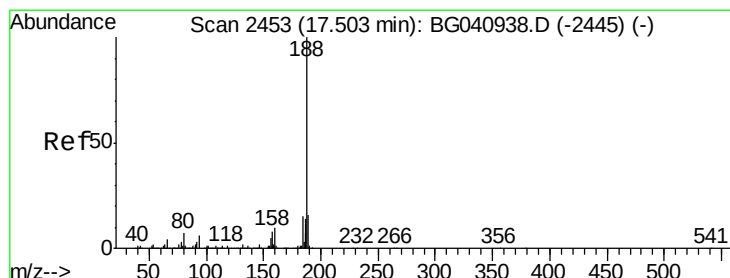
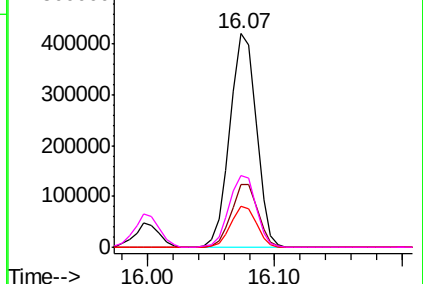
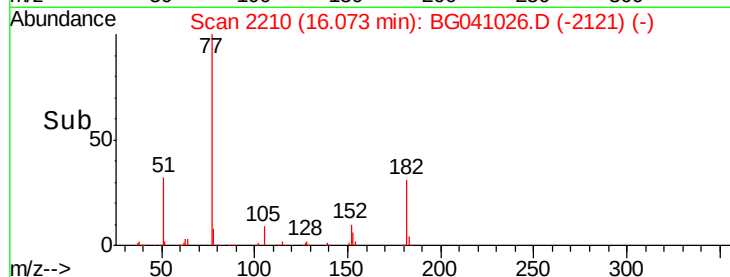


Abundance Ion 77.00 (76.70 to 77.70): BG041026.D (-2211) (-)

Ion 182.00 (181.70 to 182.70): BG041026.D (-2211) (-)

Ion 105.00 (104.70 to 105.70): BG041026.D (-2211) (-)

Ion 51.00 (50.70 to 51.70): BG041026.D (-2211) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

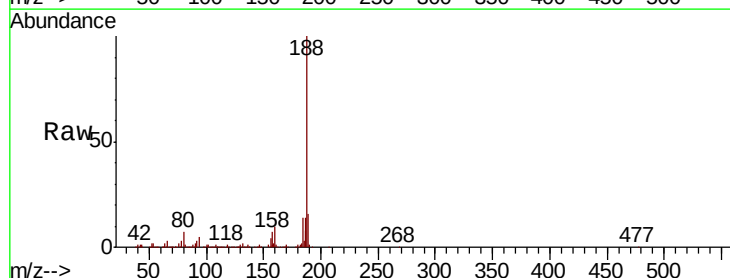
Tgt Ion: 188 Resp: 449288

Ion Ratio Lower Upper

188 100

94 5.0 4.7 7.1

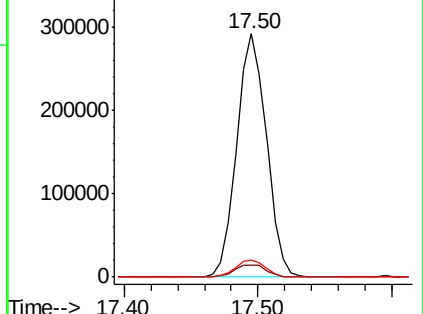
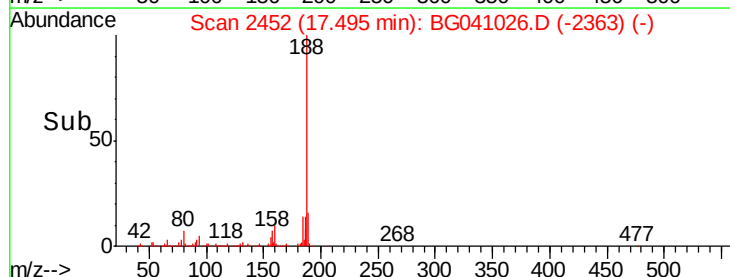
80 7.0 5.8 8.8

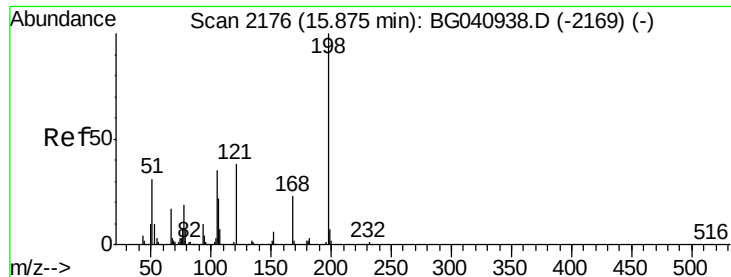


Abundance Ion 188.00 (187.70 to 188.70): BG041026.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BG041026.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BG041026.D (-2363) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 47.981 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

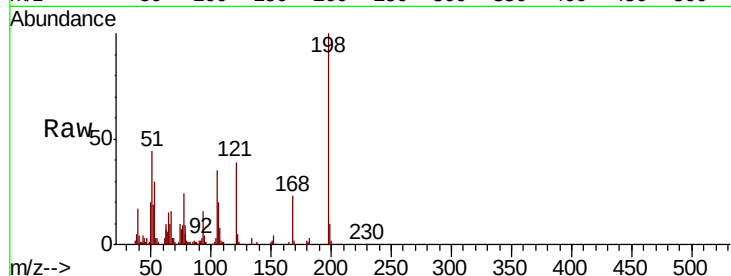
Instrument :

BNA\_G

ClientSampled :

Tot Ion:198 Resp: 115508

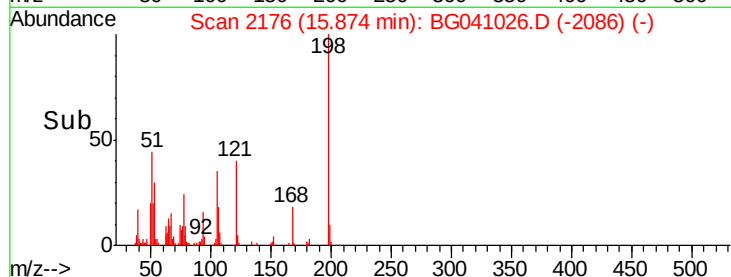
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 44.0  | 21.6  | 61.6  |
| 105 | 35.2  | 17.5  | 57.5  |



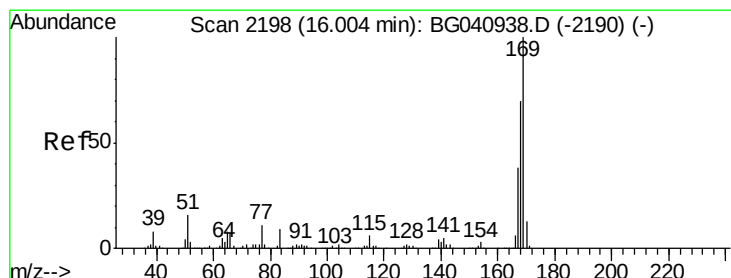
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.891 ng

RT: 16.00 min Scan# 2198

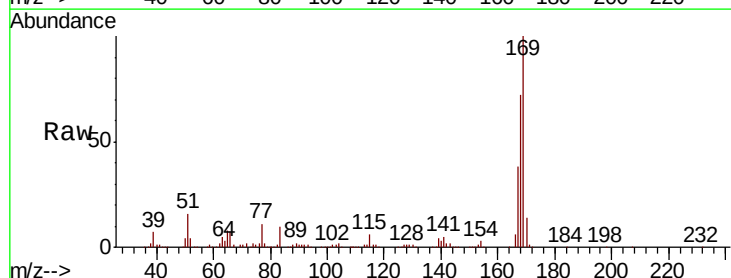
Delta R.T. -0.00 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Tgt Ion:169 Resp: 554343

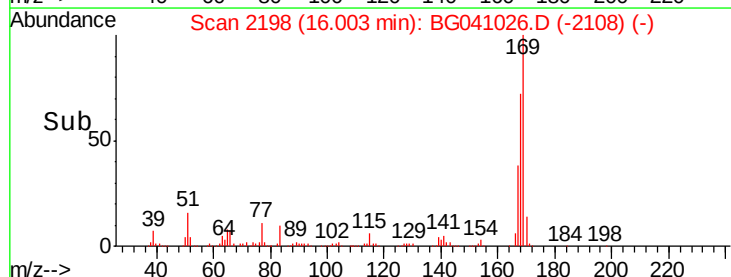
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 71.5  | 55.7  | 83.5  |
| 167 | 38.3  | 30.2  | 45.2  |



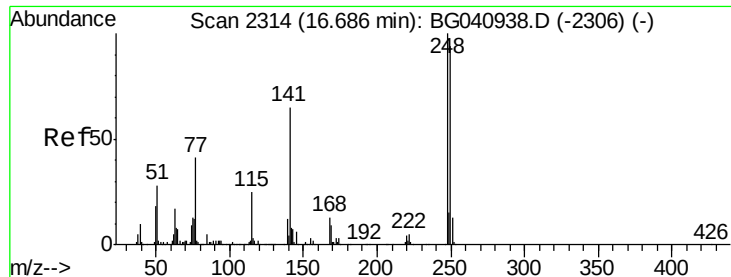
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



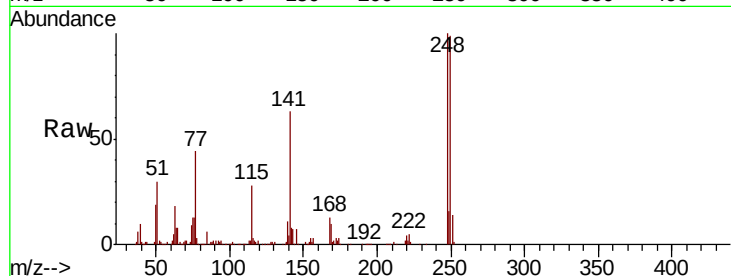
Time-->



#67  
4-Bromophenyl-phenylether  
Concen: 40.851 ng  
RT: 16.68 min Scan# 2313  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.4  | 75.0  | 112.4 |
| 141     | 63.3  | 52.4  | 78.6  |

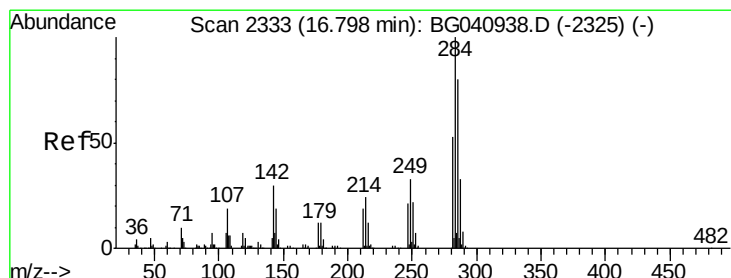
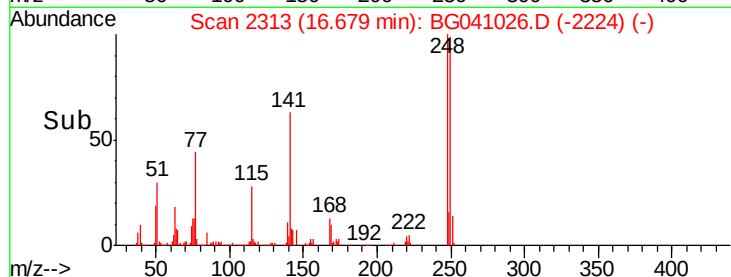
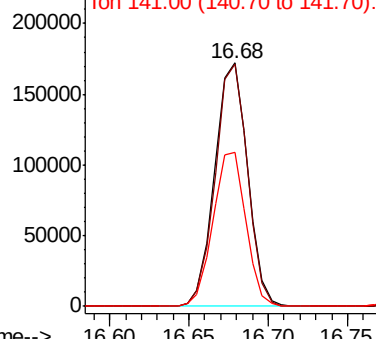


Abundance

Ion 248.00 (247.70 to 248.70): E

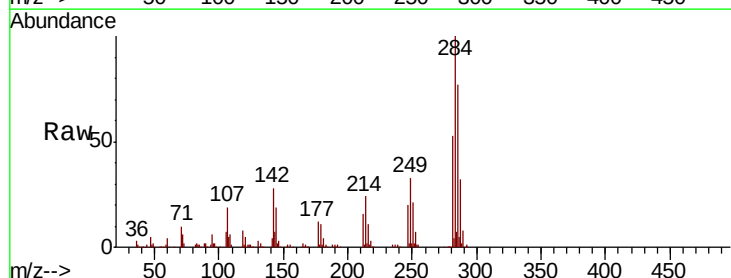
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 40.404 ng  
RT: 16.79 min Scan# 2332  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.4  | 23.9  | 35.9  |
| 249     | 33.1  | 26.8  | 40.2  |

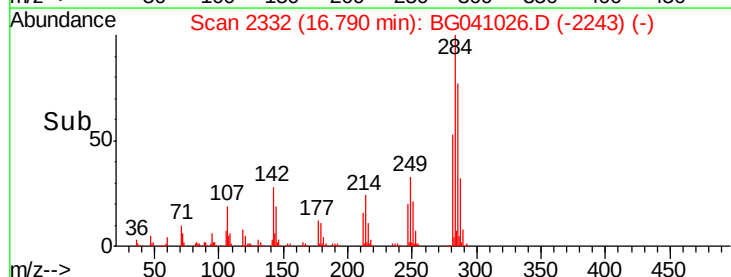
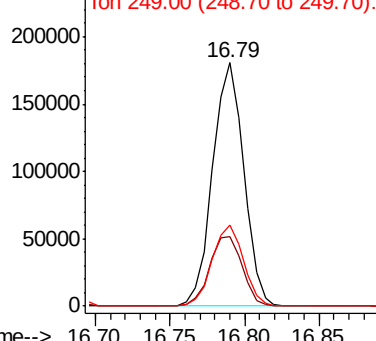


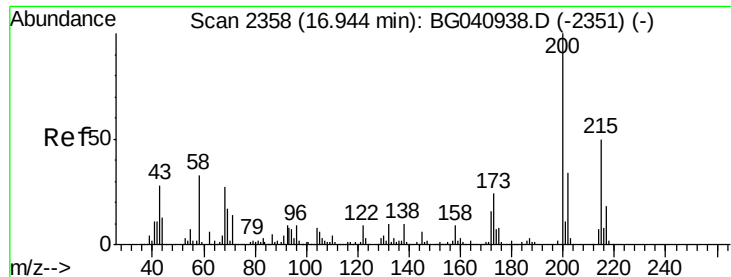
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.283 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampled :

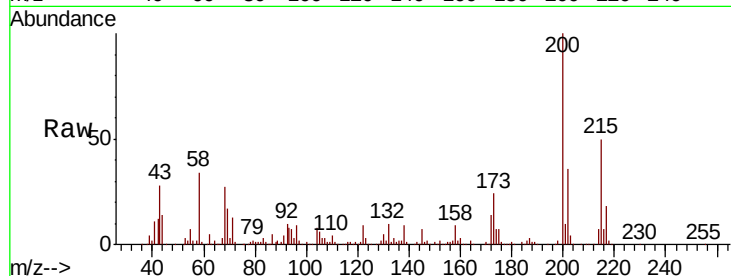
Tot Ion:200 Resp: 245045

Ion Ratio Lower Upper

200 100

173 23.5 3.6 43.6

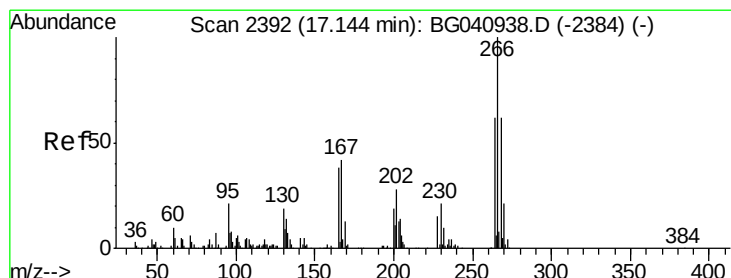
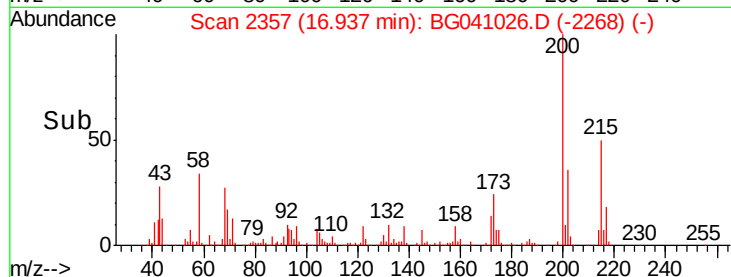
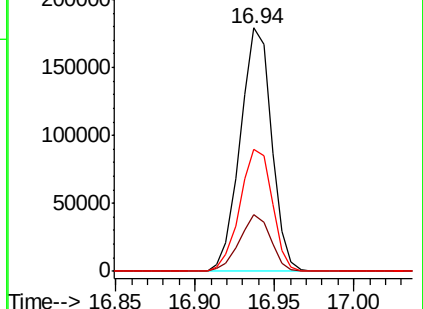
215 50.3 29.6 69.6



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: 91.381 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

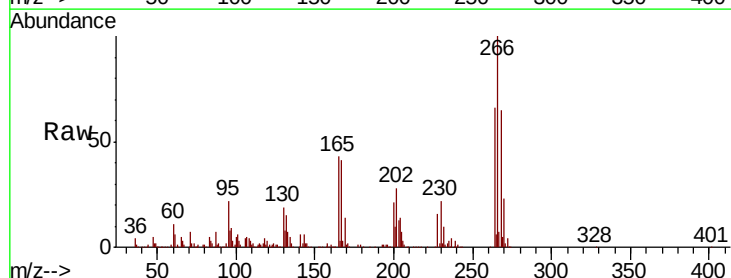
Tgt Ion:266 Resp: 318276

Ion Ratio Lower Upper

266 100

268 65.1 53.1 79.7

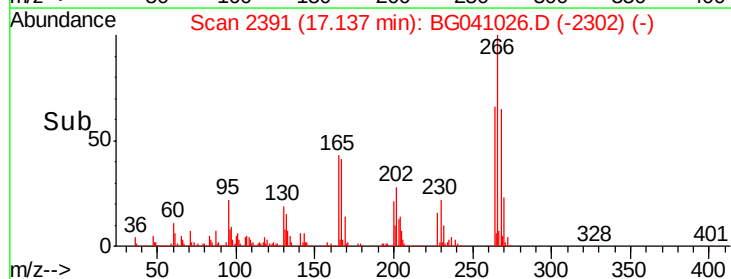
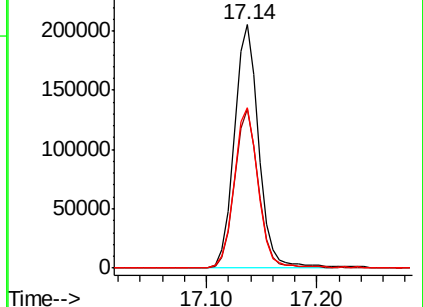
264 65.9 49.9 74.9

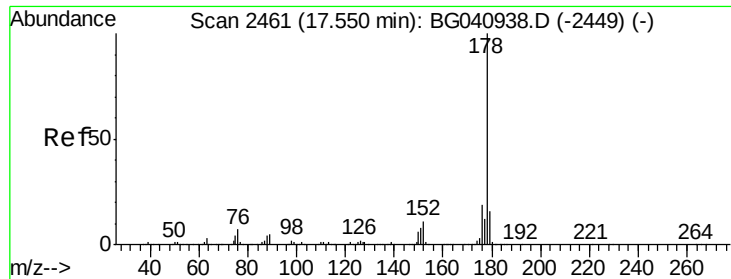


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

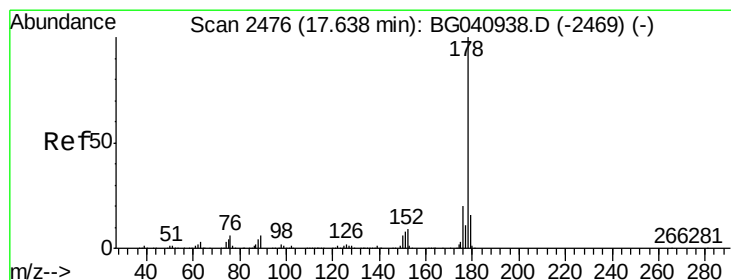
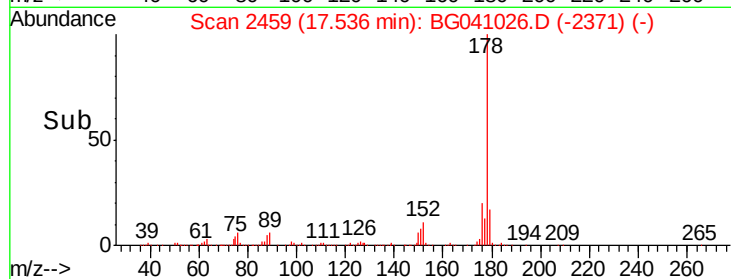
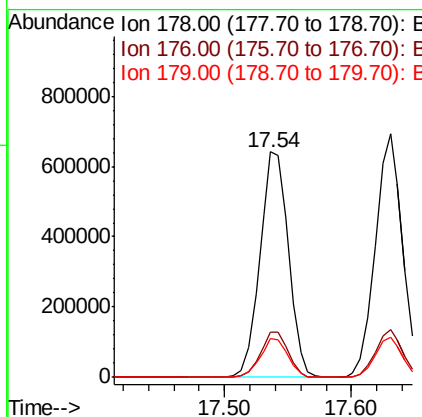
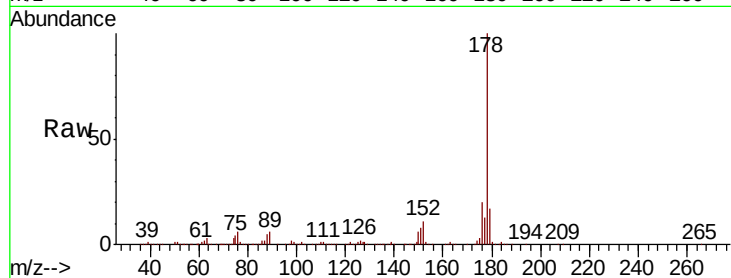




#71  
Phenanthrene  
Concen: 42.812 ng  
RT: 17.54 min Scan# 2459  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

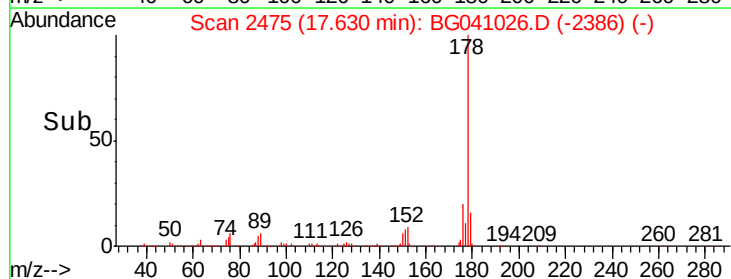
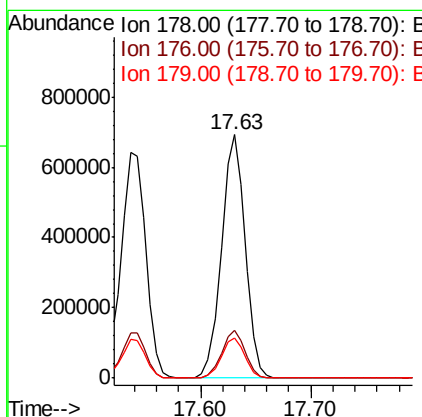
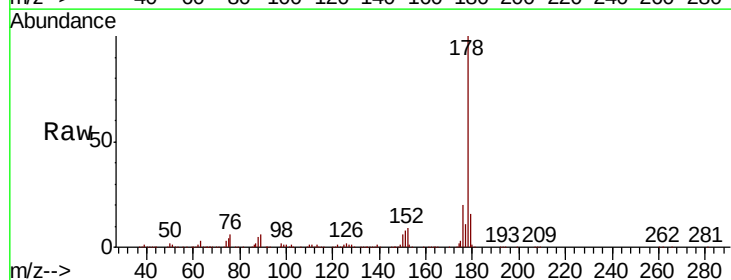
Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:178 Resp: 1001928  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.5 23.3  
179 17.4 12.7 19.1

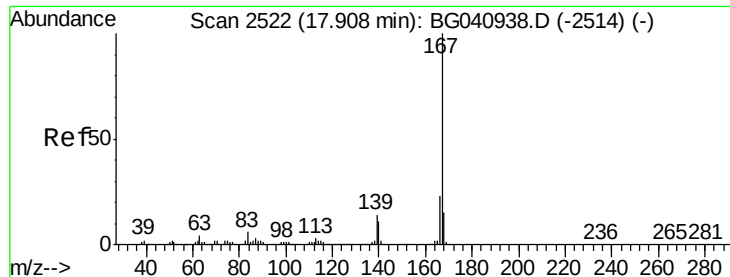


#72  
Anthracene  
Concen: 44.733 ng  
RT: 17.63 min Scan# 2475  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Tgt Ion:178 Resp: 1032498  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.6 23.4  
179 16.5 13.0 19.4



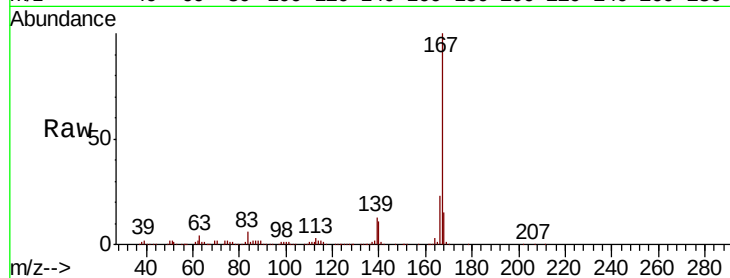




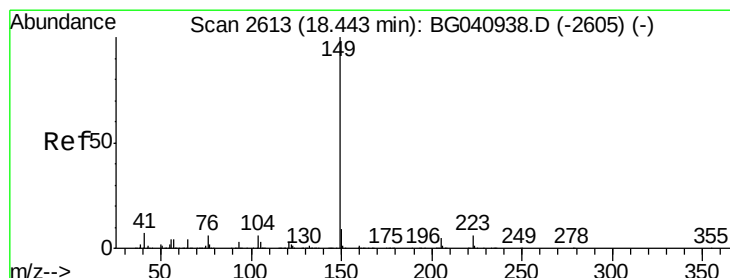
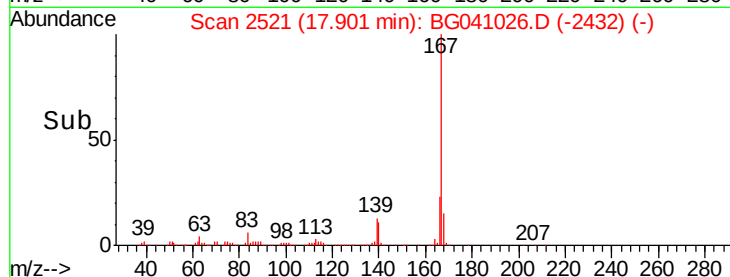
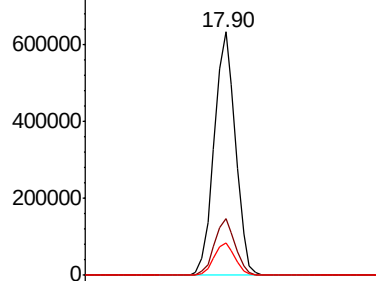
#73  
 Carbazole  
 Concen: 46.610 ng  
 RT: 17.90 min Scan# 2521  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:167 Resp: 923101  
 Ion Ratio Lower Upper  
 167 100  
 166 23.4 18.2 27.4  
 139 13.1 10.8 16.2

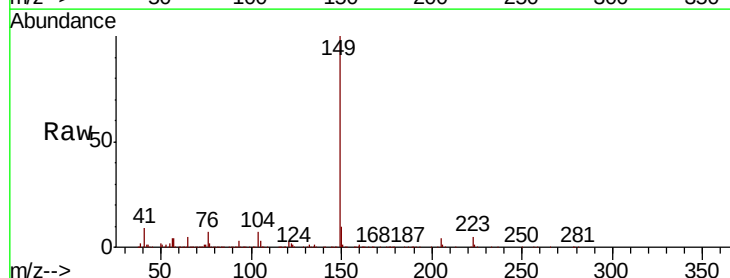


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

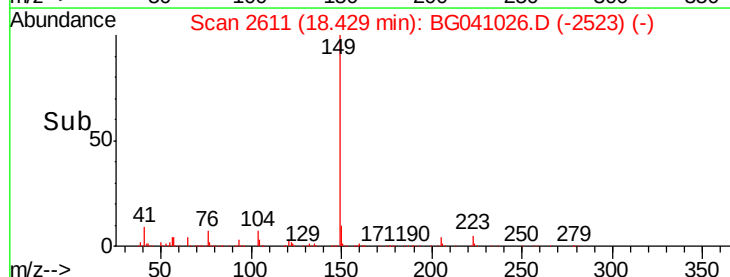
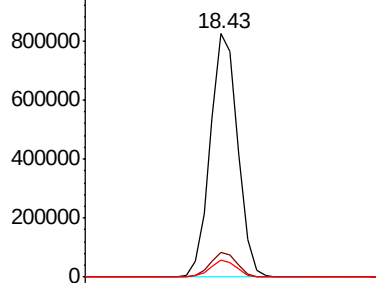


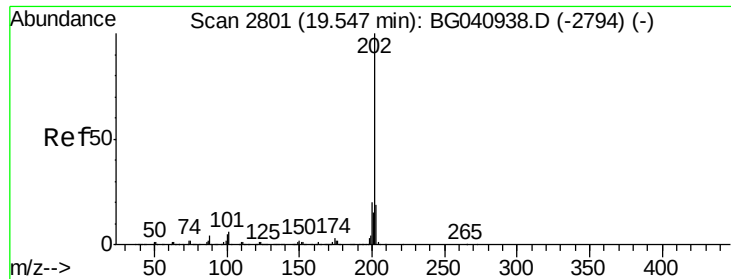
#74  
 Di-n-butylphthalate  
 Concen: 42.667 ng  
 RT: 18.43 min Scan# 2611  
 Delta R.T. -0.01 min  
 Lab File: BG041026.D  
 Acq: 3 Jun 2019 9:55

Tgt Ion:149 Resp: 1050257  
 Ion Ratio Lower Upper  
 149 100  
 150 10.4 7.4 11.2  
 104 6.8 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E

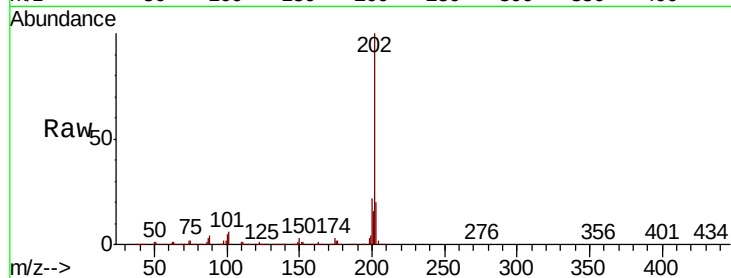




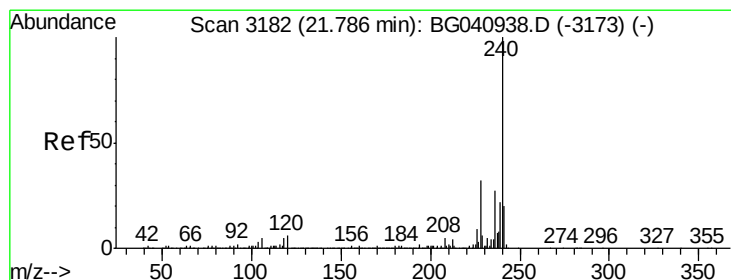
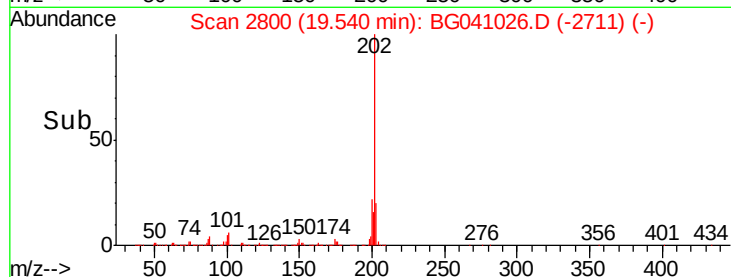
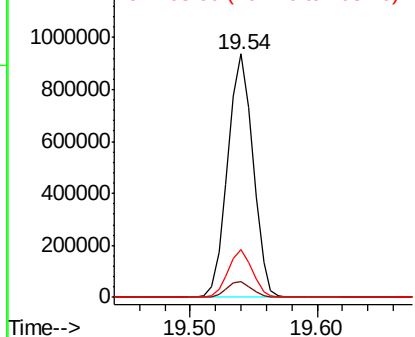
#75  
Fluoranthene  
Concen: 44.611 ng  
RT: 19.54 min Scan# 2800  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:202 Resp: 1289537  
Ion Ratio Lower Upper  
202 100  
101 6.5 0.0 26.2  
203 19.8 0.0 38.7

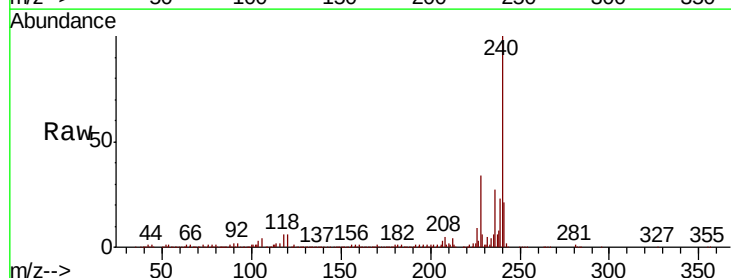


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

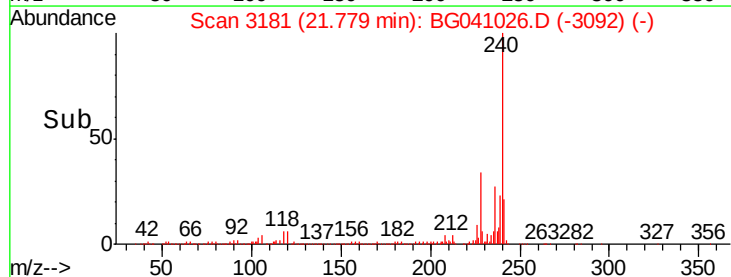
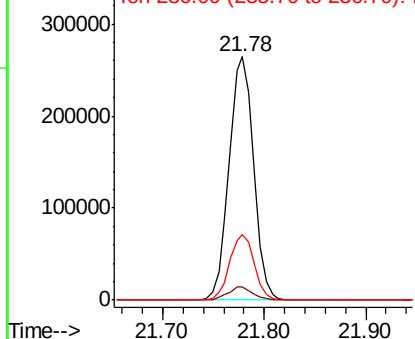


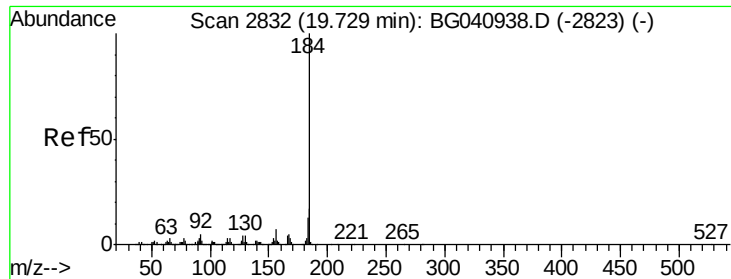
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.78 min Scan# 3181  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Tgt Ion:240 Resp: 443484  
Ion Ratio Lower Upper  
240 100  
120 5.6 4.5 6.7  
236 27.1 21.3 31.9



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: 28.081 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

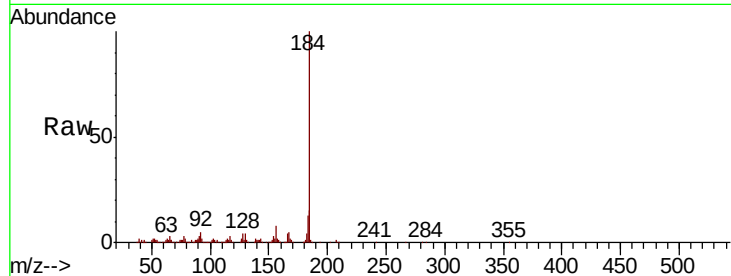
Tot Ion:184 Resp: 297085

Ion Ratio Lower Upper

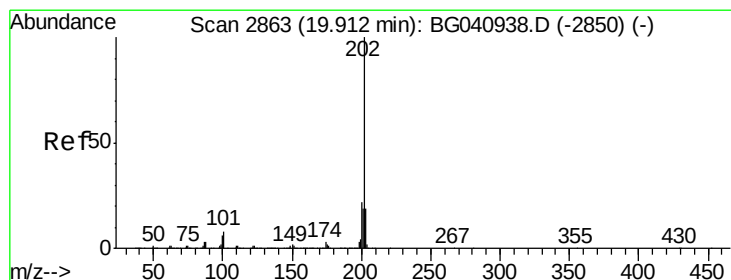
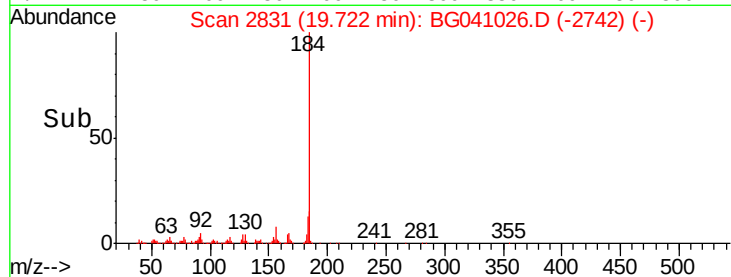
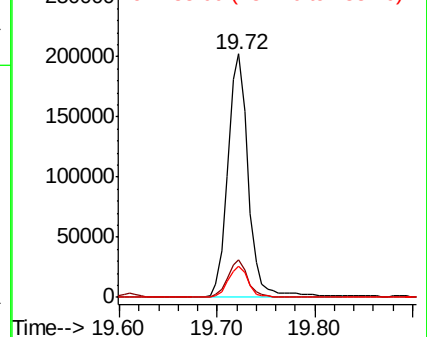
184 100

185 15.4 13.3 19.9

183 12.9 10.7 16.1



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: 44.358 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

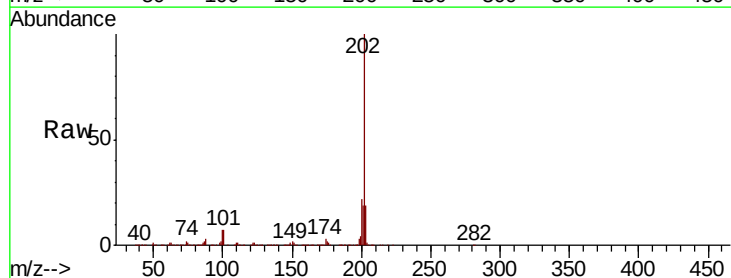
Tgt Ion:202 Resp: 1278802

Ion Ratio Lower Upper

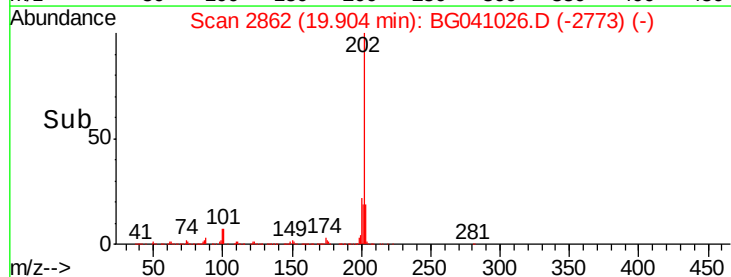
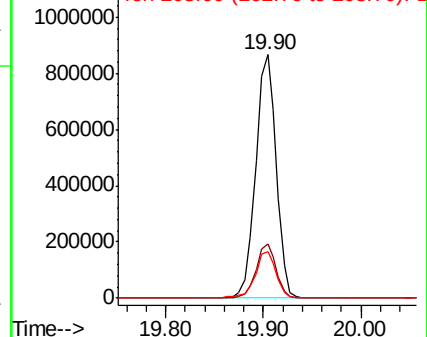
202 100

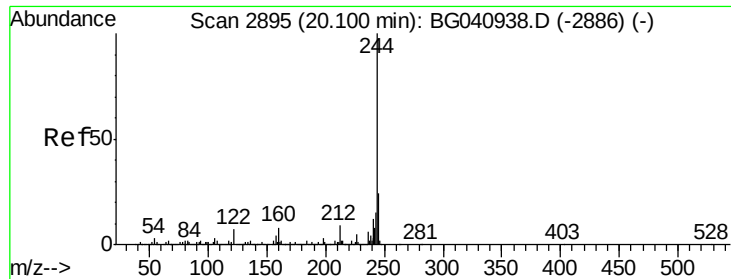
200 22.5 17.5 26.3

203 19.0 15.6 23.4



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: 78.154 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

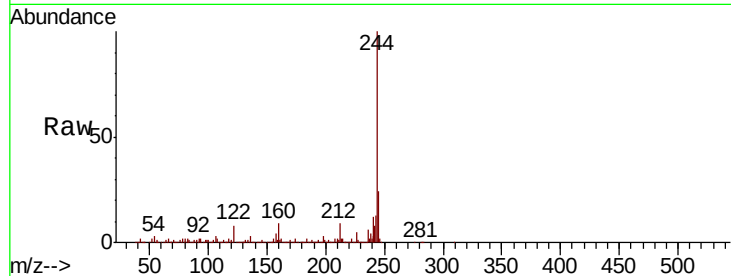
Tot Ion:244 Resp: 1633105

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

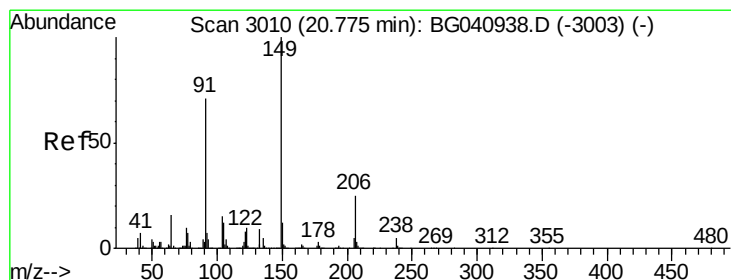
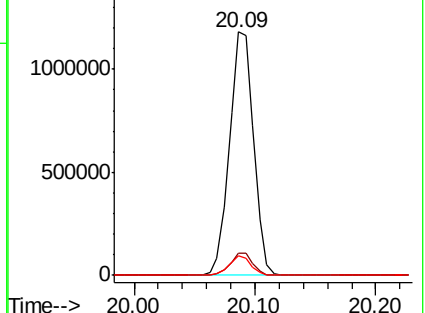
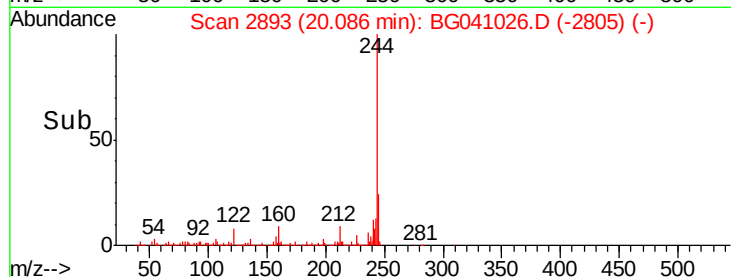
122 8.0 5.4 8.0



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: 44.651 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

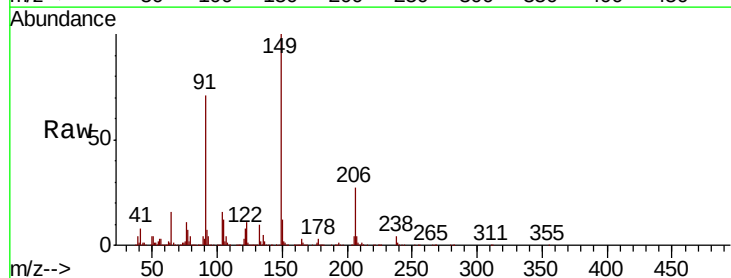
Tgt Ion:149 Resp: 500949

Ion Ratio Lower Upper

149 100

91 70.7 56.5 84.7

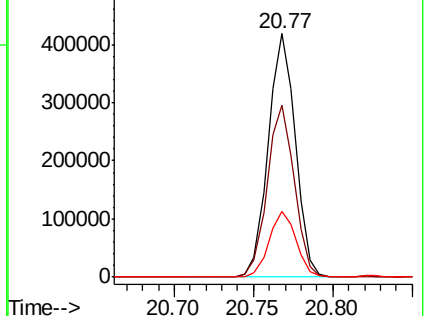
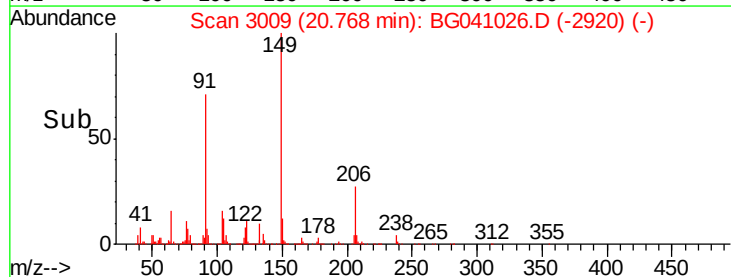
206 26.8 20.3 30.5

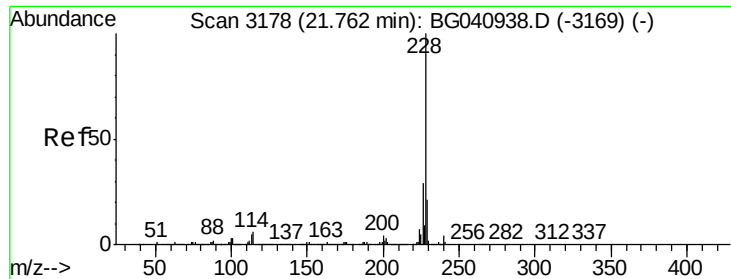


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.698 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampled :

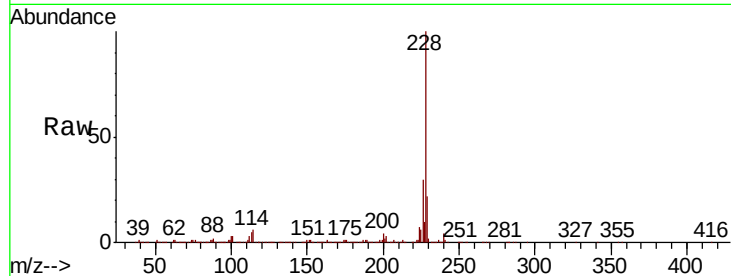
Tot Ion:228 Resp: 1260476

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.7  | 23.5  | 35.3  |
| 229 | 22.0  | 16.7  | 25.1  |

228 100

226 29.7 23.5 35.3

229 22.0 16.7 25.1

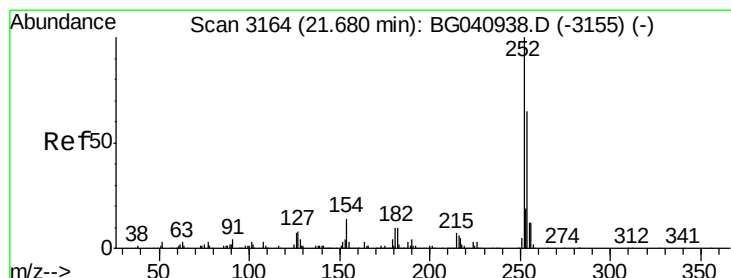
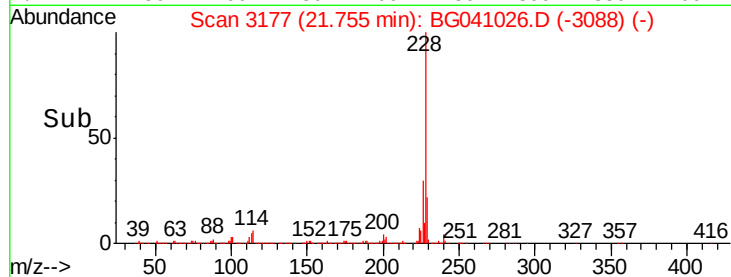
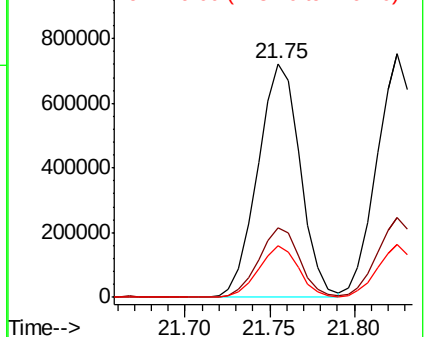


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.888 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

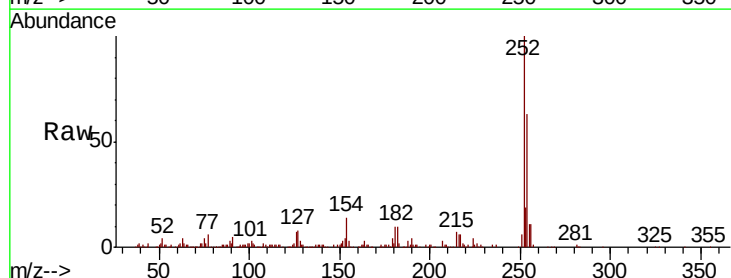
Tgt Ion:252 Resp: 227265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 62.7  | 52.1  | 78.1  |
| 126 | 7.4   | 5.5   | 8.3   |

252 100

254 62.7 52.1 78.1

126 7.4 5.5 8.3

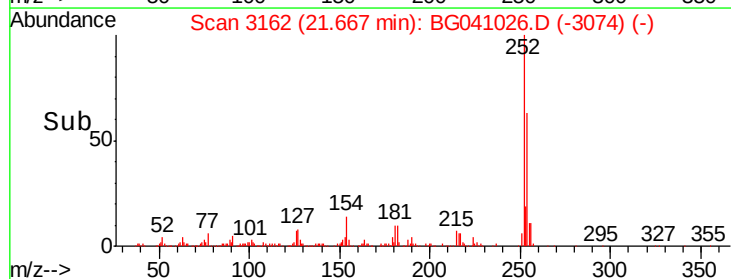
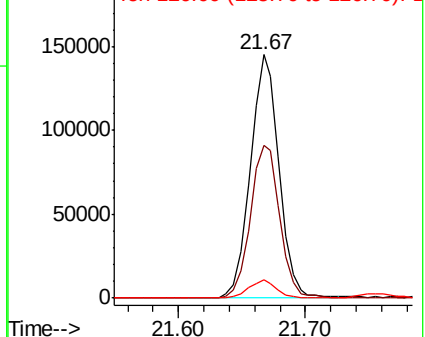


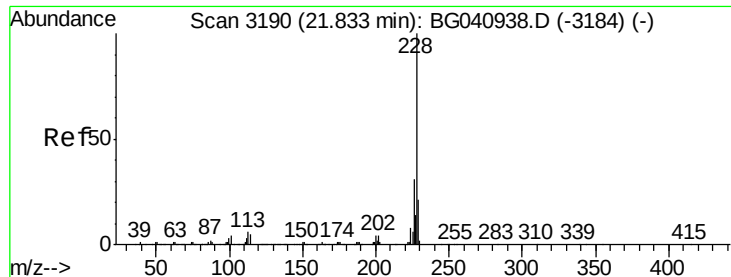
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.297 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

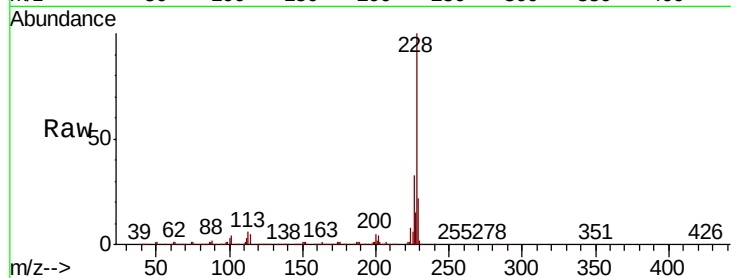
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1223159

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.9  | 24.6  | 37.0  |
| 229 | 21.7  | 16.6  | 24.8  |

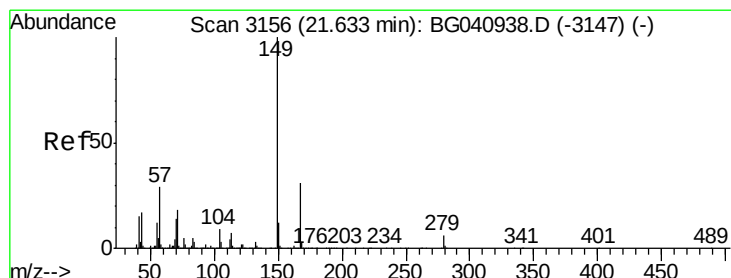
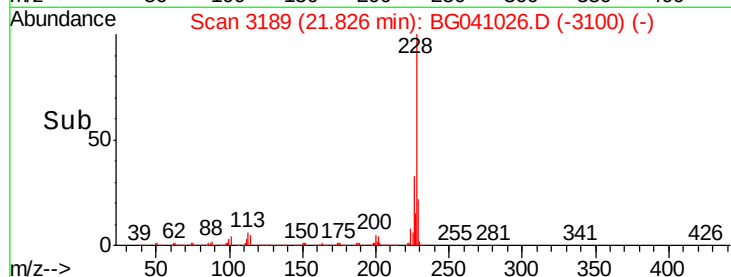
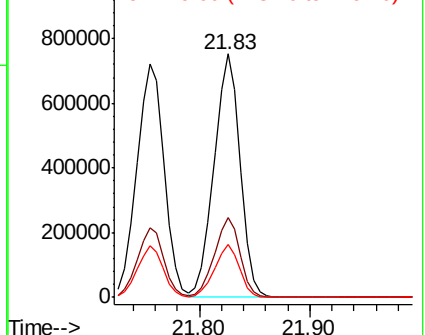


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.168 ng

RT: 21.63 min Scan# 3155

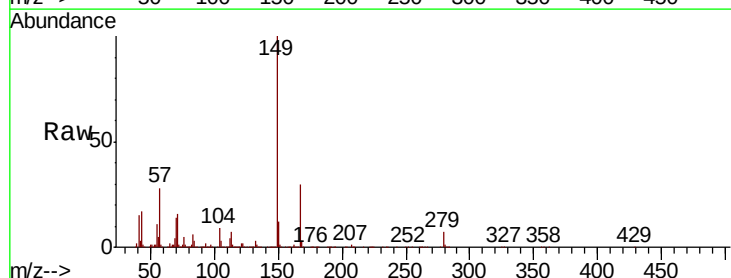
Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Tgt Ion:149 Resp: 681766

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.0  | 24.6  | 37.0  |
| 279 | 7.0   | 5.0   | 7.6   |

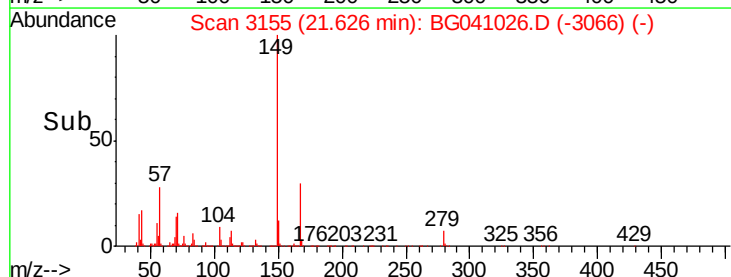
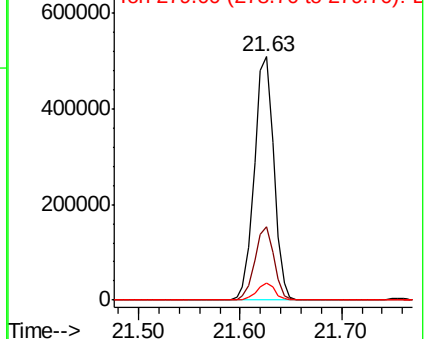


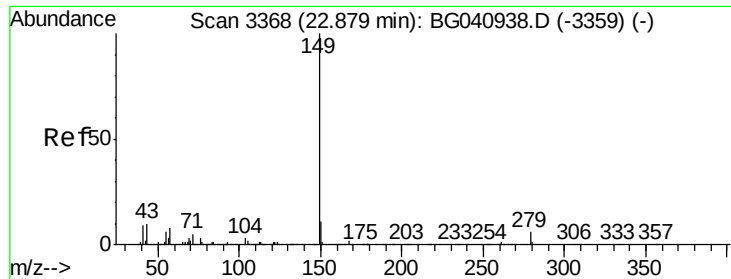
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.627 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

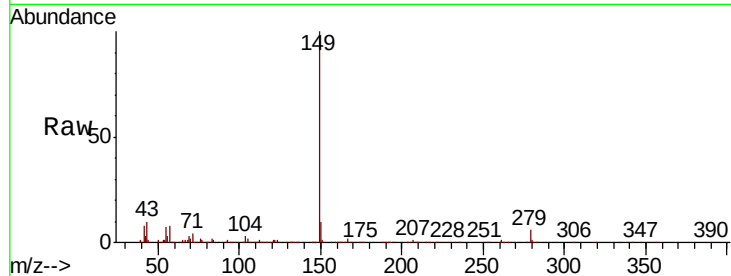
Tot Ion:149 Resp: 1173825

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

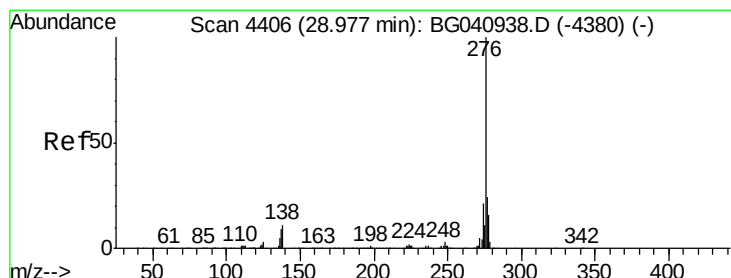
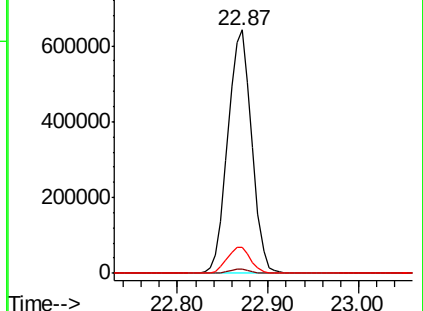
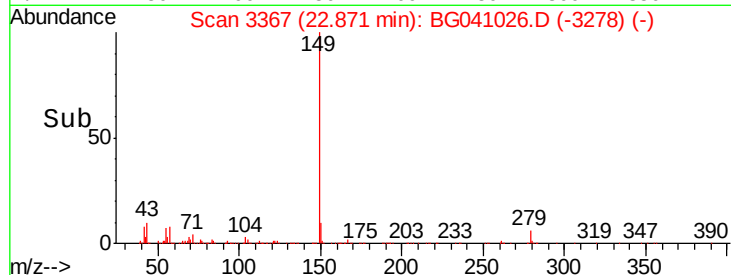
43 10.4 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.112 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.02 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

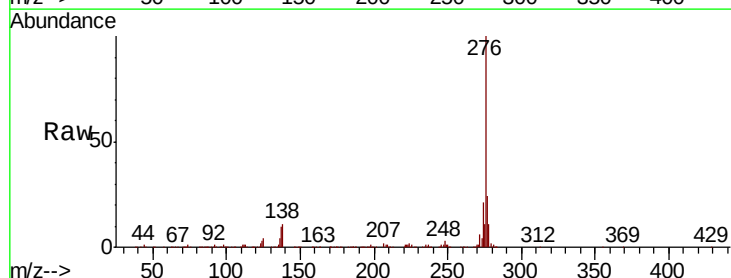
Tgt Ion:276 Resp: 1526547

Ion Ratio Lower Upper

276 100

138 9.7 5.7 8.5#

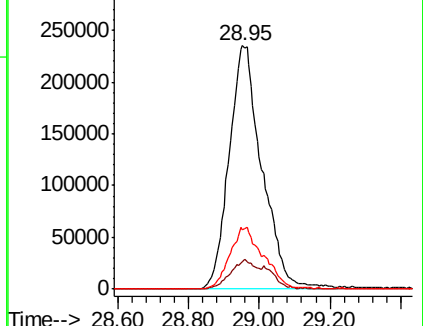
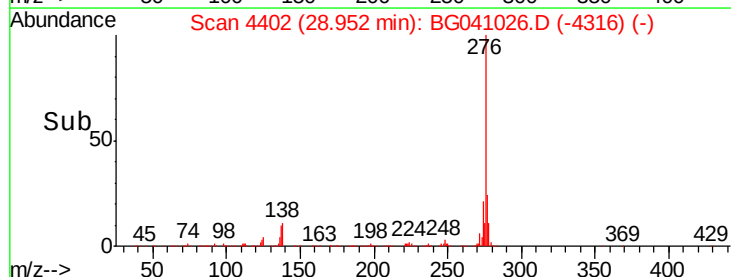
277 25.8 20.8 31.2

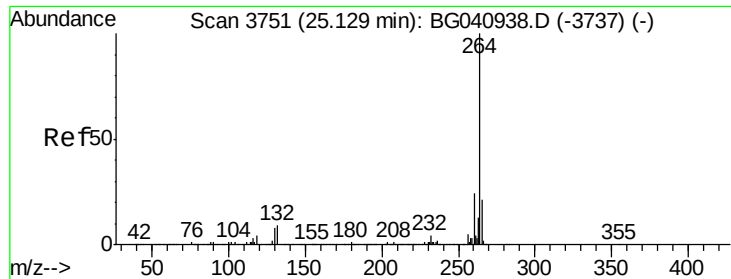


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

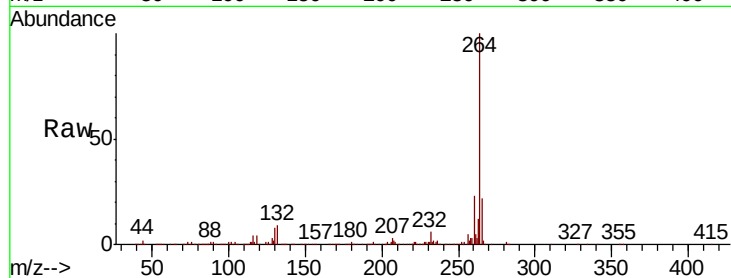
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:264 Resp: 470863

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.6  | 19.0  | 28.4  |
| 265 | 21.8  | 17.0  | 25.4  |

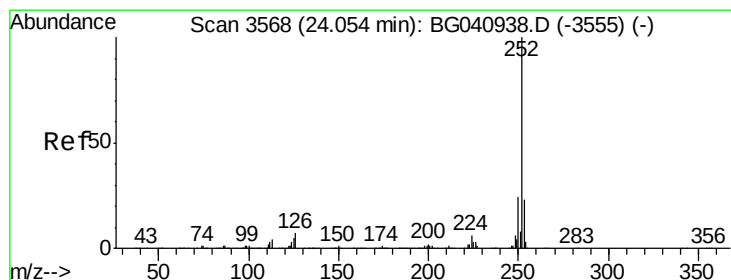
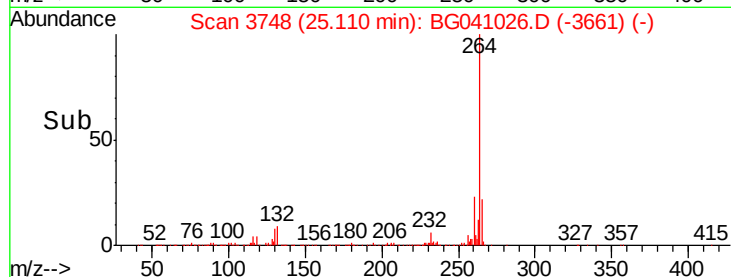
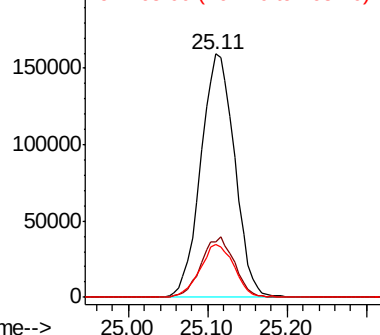


Abundance

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: 45.280 ng

RT: 24.05 min Scan# 3567

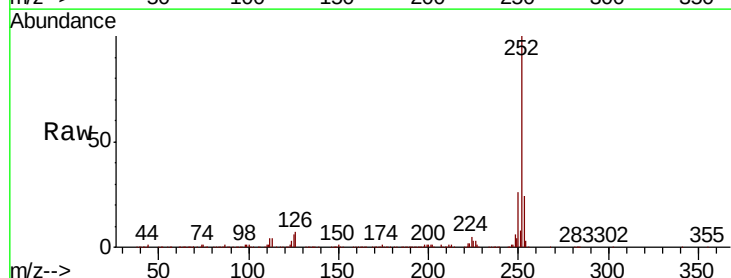
Delta R.T. -0.01 min

Lab File: BG041026.D

Acq: 3 Jun 2019 9:55

Tgt Ion:252 Resp: 1293166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.3  | 18.4  | 27.6  |
| 125 | 5.7   | 4.3   | 6.5   |

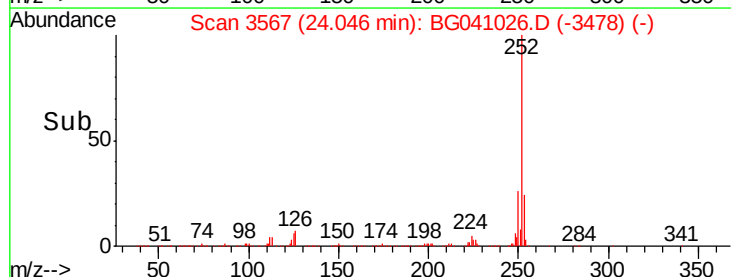
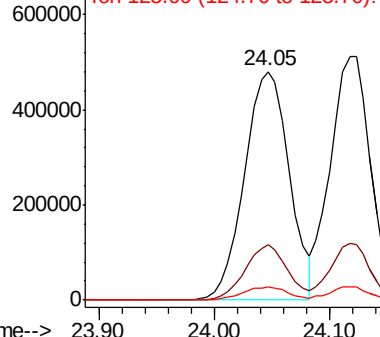


Abundance

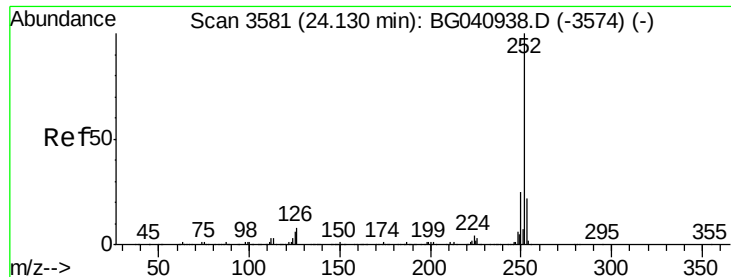
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



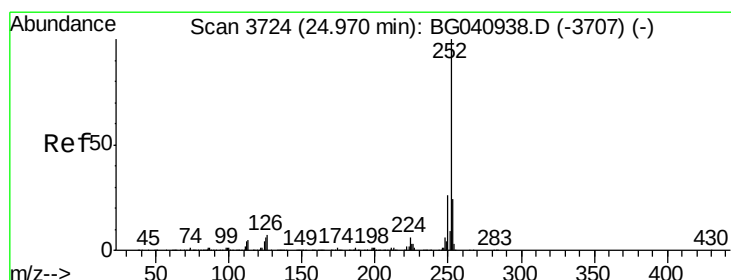
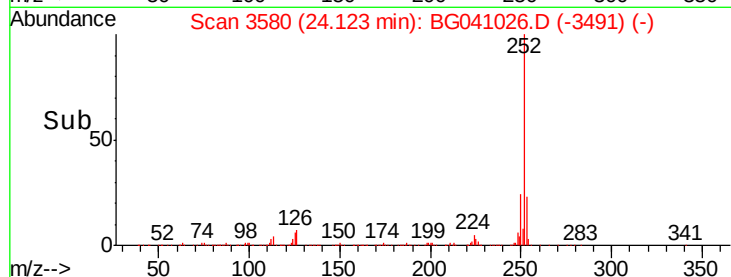
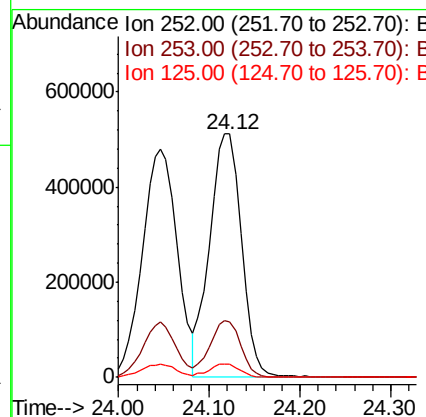
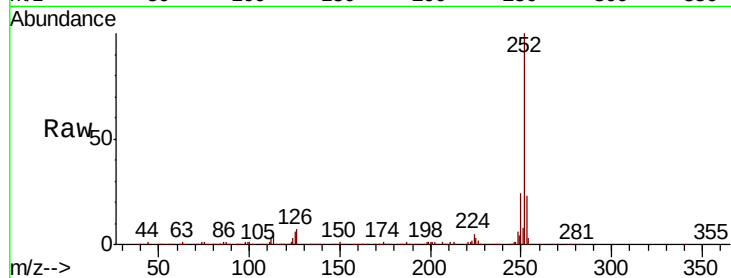




#89  
Benzo(k)fluoranthene  
Concen: 44.277 ng  
RT: 24.12 min Scan# 3580  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

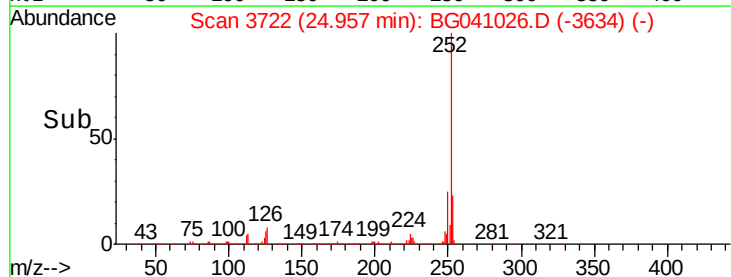
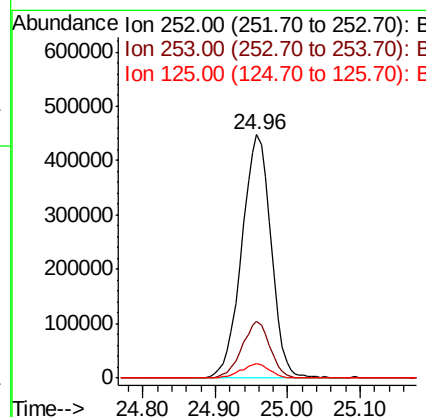
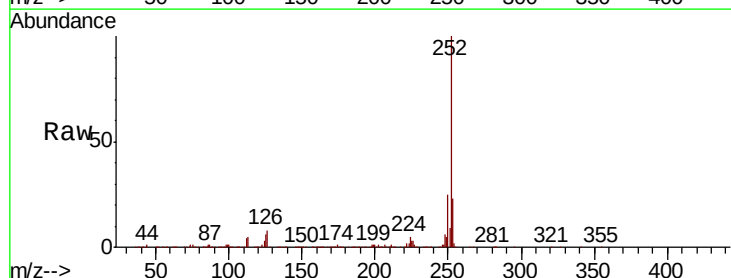
Instrument :  
BNA\_G  
ClientSampleId :

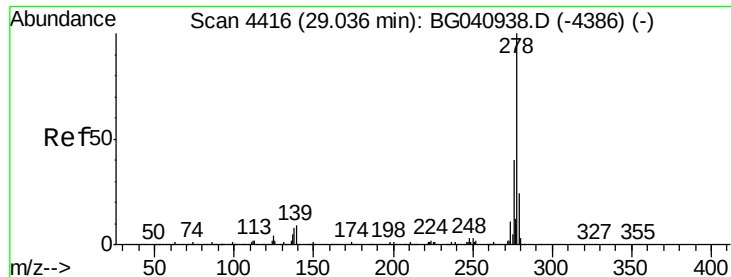
Tot Ion:252 Resp: 1251332  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.8 26.6  
125 5.6 4.7 7.1



#90  
Benzo(a)pyrene  
Concen: 46.099 ng  
RT: 24.96 min Scan# 3722  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Tgt Ion:252 Resp: 1256103  
Ion Ratio Lower Upper  
252 100  
253 23.3 19.5 29.3  
125 5.9 5.1 7.7

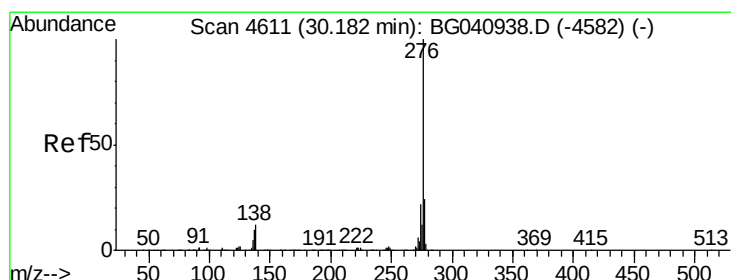
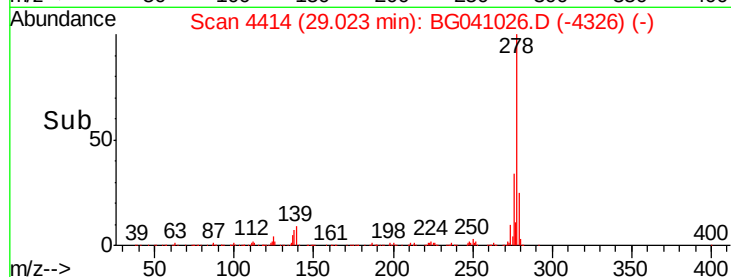
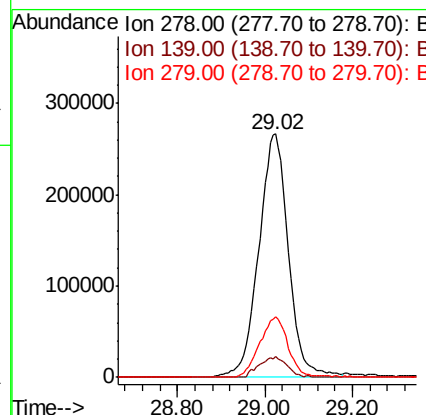
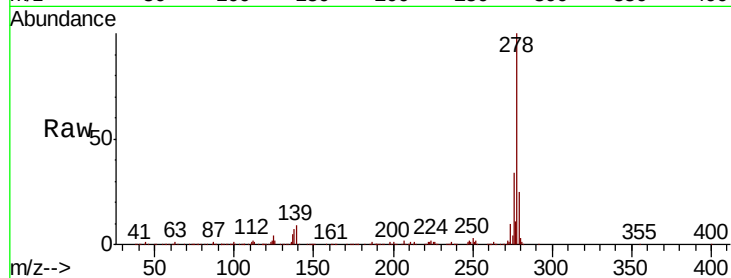




#91  
Dibenzo(a,h)anthracene  
Concen: 45.307 ng  
RT: 29.02 min Scan# 4414  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:278 Resp: 1233547  
Ion Ratio Lower Upper  
278 100  
139 8.5 7.1 10.7  
279 25.0 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 46.972 ng  
RT: 30.17 min Scan# 4609  
Delta R.T. -0.01 min  
Lab File: BG041026.D  
Acq: 3 Jun 2019 9:55

Tgt Ion:276 Resp: 1242470  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.4 29.0  
138 11.0 9.7 14.5

