

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\  
 Data File : BG041084.D  
 Acq On : 6 Jun 2019 10:30  
 Operator : HP/JU  
 Sample : PB120328BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

Manual Integrations  
 APPROVED

mohammad  
 6/7/2019 2:12:50 PM

Quant Time: Jun 06 23:26:48 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 | 8.11  | 152  | 40304    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.94 | 136  | 140506   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.74 | 164  | 95465    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.49 | 188  | 244335   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.77 | 240  | 273395   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.10 | 264  | 301060   | 20.00 | ng    | -0.03    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.65  | 112 | 283265  | 126.73 | ng | 0.00  |
| 7) Phenol-d6                | 7.26  | 99  | 376130  | 108.96 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.29  | 82  | 263979  | 83.41  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 16.23 | 330 | 186696  | 131.73 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 13.36 | 172 | 577686  | 87.14  | ng | -0.02 |
| 79) Terphenyl-d14           | 20.08 | 244 | 1088374 | 84.49  | ng | -0.02 |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88   | 41835    | 41.247 | ng    | 95     |
| 3) Pyridine                    | 3.92  | 79   | 111336   | 37.098 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42   | 61936    | 44.467 | ng    | 90     |
| 6) Aniline                     | 7.44  | 93   | 108466   | 23.541 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.67  | 128  | 113805   | 42.709 | ng    | 97     |
| 9) Benzaldehyde                | 7.25  | 77   | 40265    | 19.554 | ng    | # 81   |
| 10) Phenol                     | 7.28  | 94   | 150661   | 40.707 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93   | 105934   | 39.454 | ng    | 95     |
| 12) 1,3-Dichlorobenzene        | 8.00  | 146  | 131948   | 41.459 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146  | 133325   | 41.386 | ng    | 93     |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146  | 125062   | 39.983 | ng    | 97     |
| 15) Benzyl Alcohol             | 8.35  | 79   | 125528   | 39.312 | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45   | 166977   | 38.058 | ng    | 98     |
| 17) 2-Methylphenol             | 8.55  | 107  | 100533   | 37.515 | ng    | 98     |
| 18) Hexachloroethane           | 9.20  | 117  | 50899    | 40.994 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70   | 95696    | 36.024 | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.87  | 107  | 137853   | 37.137 | ng    | 99     |
| 22) Acetophenone               | 8.94  | 105  | 185601   | 47.090 | ng    | # 98   |
| 24) Nitrobenzene               | 9.33  | 77   | 151218   | 46.883 | ng    | 100    |
| 25) Isophorone                 | 9.84  | 82   | 264505   | 43.914 | ng    | 98     |
| 26) 2-Nitrophenol              | 10.04 | 139  | 66783    | 50.225 | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 10.09 | 122  | 111025   | 50.557 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93   | 140200   | 43.127 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.57 | 162  | 122930   | 44.081 | ng    | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180  | 143913   | 45.364 | ng    | 97     |
| 31) Naphthalene                | 10.98 | 128  | 342908   | 45.455 | ng    | 98     |
| 32) Benzoic acid               | 10.21 | 122  | 55948    | 35.345 | ng    | 92     |
| 33) 4-Chloroaniline            | 11.10 | 127  | 84774    | 24.219 | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.25 | 225  | 107409   | 44.249 | ng    | 98     |
| 35) Caprolactam                | 11.87 | 113  | 39470    | 42.860 | ng    | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107  | 138734   | 43.560 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.58 | 142  | 253407   | 43.614 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.80 | 142  | 243360m  | 44.448 | ng    |        |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216  | 186342   | 48.429 | ng    | 99     |

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 Sample : PB120328BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

Manual Integrations  
 APPROVED

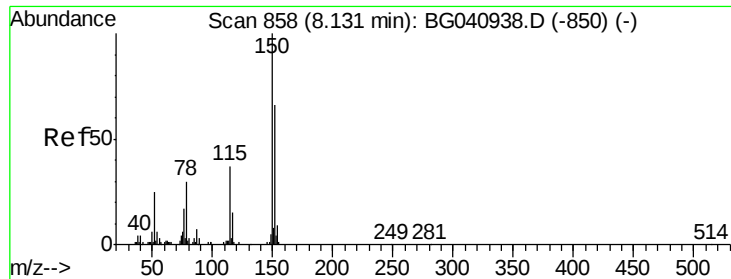
mohammad  
 6/7/2019 2:12:50 PM

Quant Time: Jun 06 23:26:48 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  | 12.91 | 237  | 225845   | 106.186 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.18 | 196  | 116942   | 46.981  | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.25 | 196  | 123759   | 47.143  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 335988   | 47.547  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.63 | 162  | 277661   | 45.770  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 98601    | 45.306  | nq    | 97       |
| 49) Acenaphthylene             | 14.47 | 152  | 430042   | 47.100  | nq    | 99       |
| 50) Dimethylphthalate          | 14.19 | 163  | 357132   | 44.193  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 80365    | 46.124  | nq    | 96       |
| 52) Acenaphthene               | 14.81 | 154  | 254800   | 46.066  | nq    | 97       |
| 53) 3-Nitroaniline             | 14.66 | 138  | 55762    | 32.005  | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.86 | 184  | 88226    | 91.488  | nq    | 97       |
| 55) Dibenzofuran               | 15.14 | 168  | 436529   | 46.903  | nq    | 98       |
| 56) 4-Nitrophenol              | 14.95 | 139  | 122438   | 102.453 | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 116758   | 47.439  | nq    | 98       |
| 58) Fluorene                   | 15.78 | 166  | 337461   | 45.529  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 128005   | 49.617  | nq    | 98       |
| 60) Diethylphthalate           | 15.54 | 149  | 360568   | 43.721  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 214939   | 44.615  | nq    | 95       |
| 62) 4-Nitroaniline             | 15.82 | 138  | 80844    | 43.829  | nq    | 92       |
| 63) Azobenzene                 | 16.07 | 77   | 337023   | 44.962  | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 68679    | 51.658  | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.99 | 169  | 311264   | 45.317  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.67 | 248  | 137924   | 41.828  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.78 | 284  | 146400   | 41.695  | nq    | 98       |
| 69) Atrazine                   | 16.93 | 200  | 134237   | 50.650  | nq    | 98       |
| 70) Pentachlorophenol          | 17.12 | 266  | 184067   | 96.908  | nq    | 97       |
| 71) Phenanthrene               | 17.53 | 178  | 591879   | 46.506  | nq    | 99       |
| 72) Anthracene                 | 17.62 | 178  | 617584   | 49.201  | nq    | 98       |
| 73) Carbazole                  | 17.89 | 167  | 535125   | 49.685  | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 614196   | 45.883  | nq    | 99       |
| 75) Fluoranthene               | 19.53 | 202  | 809076   | 51.468  | nq    | 99       |
| 77) Benzidine                  | 19.72 | 184  | 286157   | 43.876  | nq    | 97       |
| 78) Pyrene                     | 19.90 | 202  | 814065   | 45.805  | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 305465   | 44.166  | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 820781   | 45.101  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 196096   | 30.635  | nq    | 99       |
| 83) Chrysene                   | 21.81 | 228  | 813357   | 46.703  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 429317   | 44.095  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 753726   | 46.483  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.93 | 276  | 994639   | 46.623  | nq    | # 96     |
| 88) Benzo(b)fluoranthene       | 24.03 | 252  | 841171   | 46.065  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 24.10 | 252  | 831094   | 45.993  | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.94 | 252  | 820533   | 47.099  | nq    | 96       |
| 91) Dibenzo(a,h)anthracene     | 28.99 | 278  | 814670   | 46.799  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.14 | 276  | 823340   | 48.683  | nq    | 97       |

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





#1

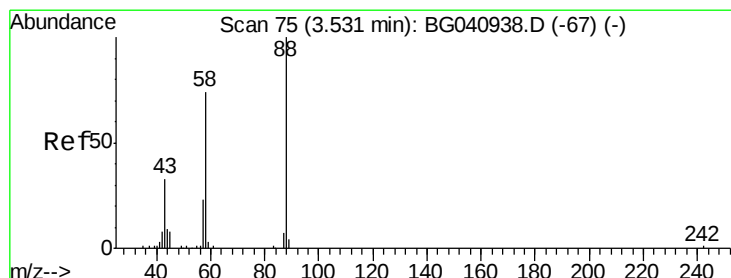
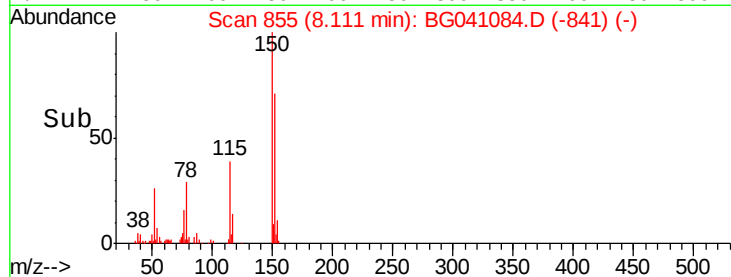
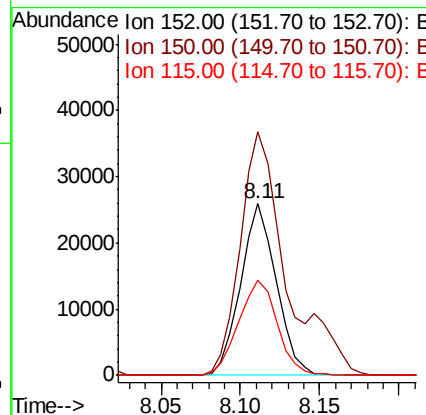
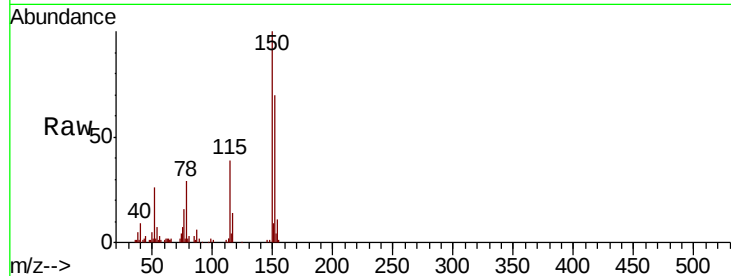
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 855  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 141.9 | 120.6 | 180.8 |
| 115     | 55.6  | 45.1  | 67.7  |

Manual Integrations  
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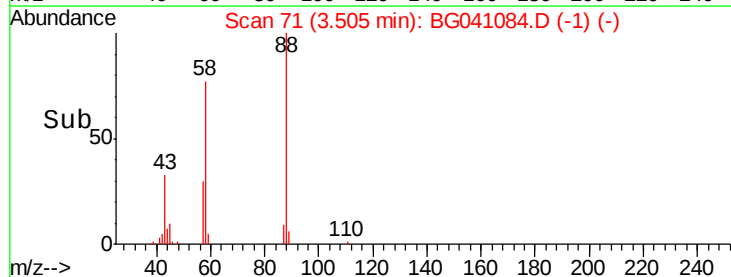
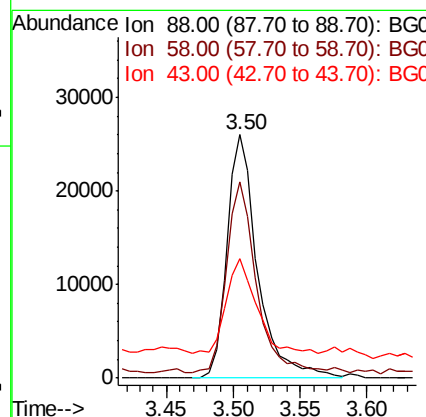
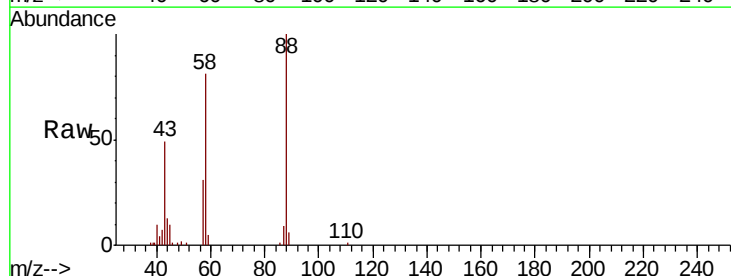
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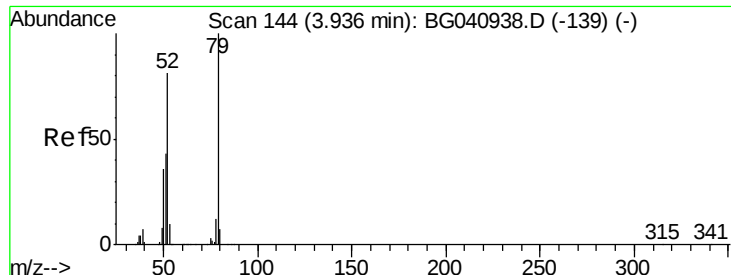


#2

1,4-Dioxane  
Concen: 41.247 ng  
RT: 3.50 min Scan# 71  
Delta R.T. -0.03 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.8  | 59.0  | 88.6  |
| 43      | 37.9  | 27.2  | 40.8  |





#3

Pvridine

Concen: 37.098 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

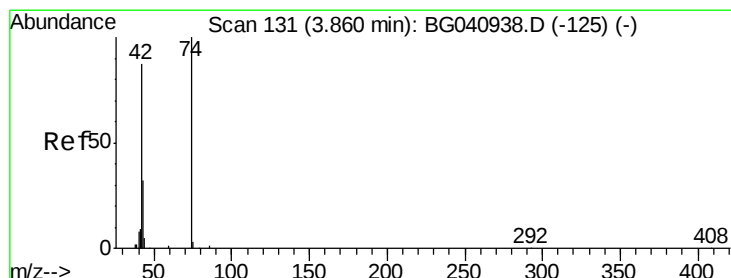
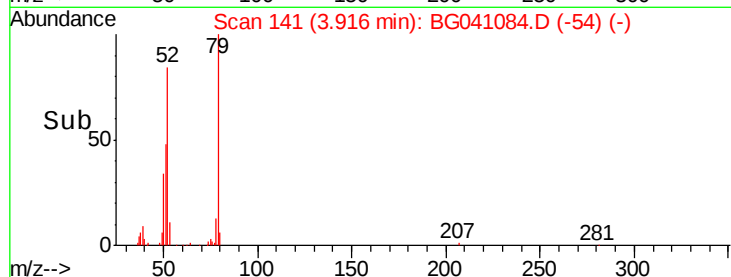
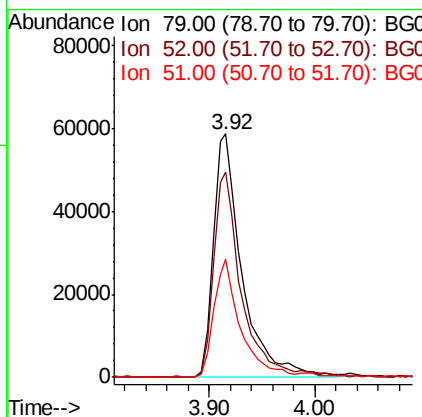
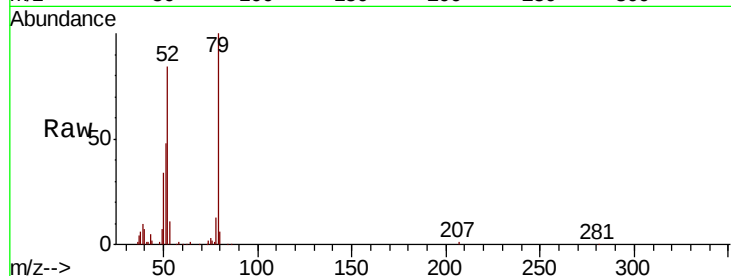
ClientSampleId :

PB120328BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 111336 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 84.5  | 64.8  | 97.2   |
| 51       | 48.5  | 35.3  | 52.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 44.467 ng

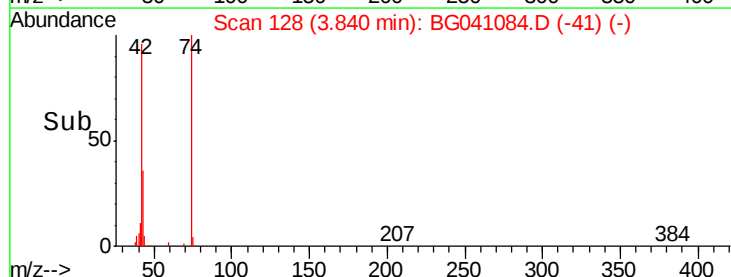
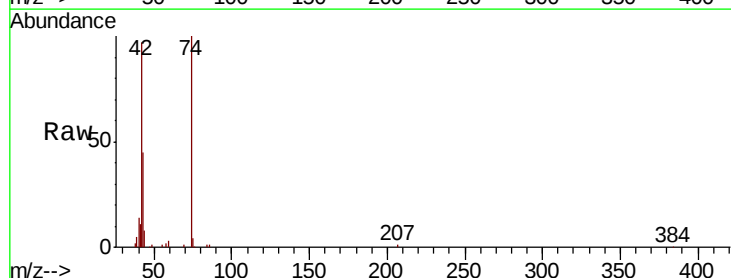
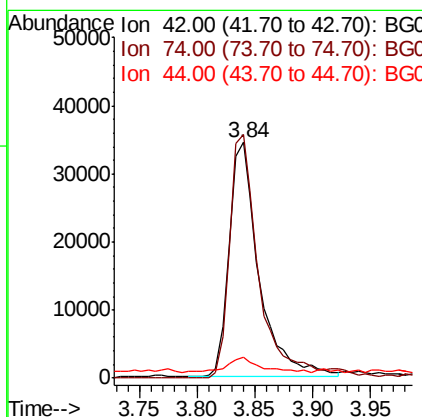
RT: 3.84 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 61936 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 103.3 | 91.8  | 137.6 |
| 44       | 8.6   | 6.0   | 9.0   |





#5

2-Fluorophenol

Concen: 126.733 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

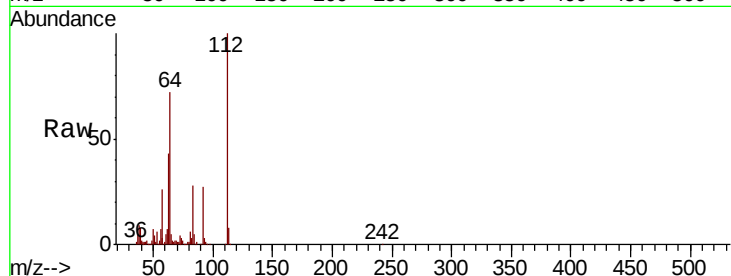
ClientSampleId :

PB120328BS

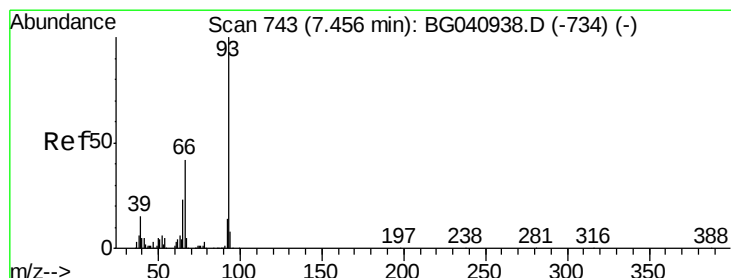
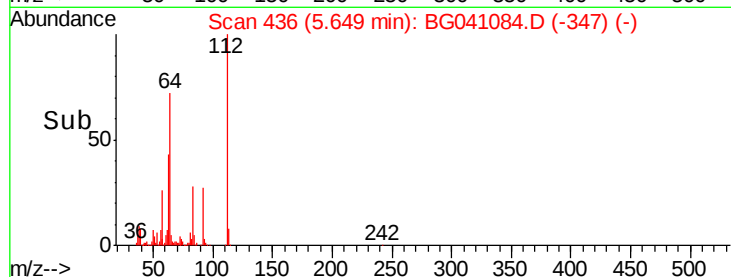
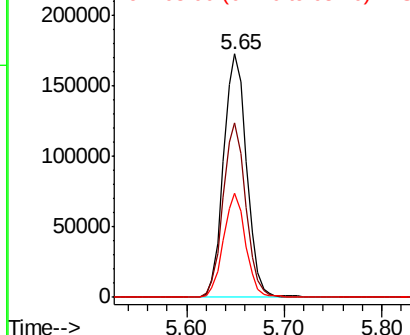
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 283265 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 71.8  | 56.2  | 84.2   |
| 63        | 43.0  | 32.8  | 49.2   |

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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: 23.541 ng

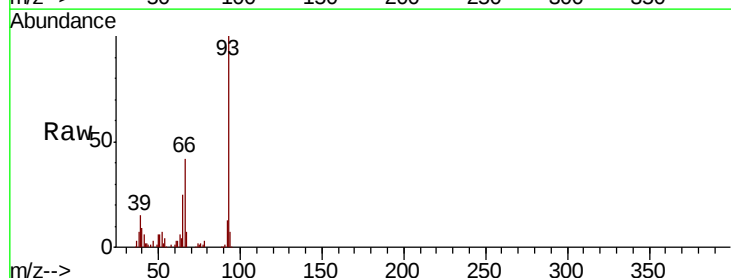
RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

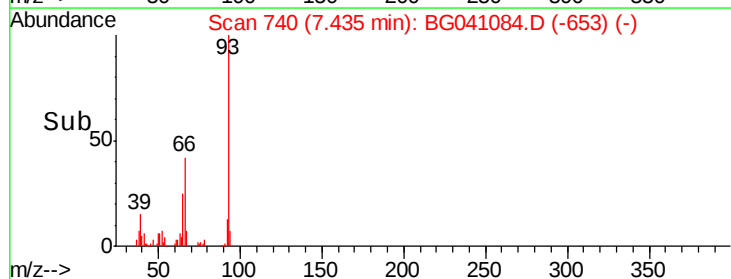
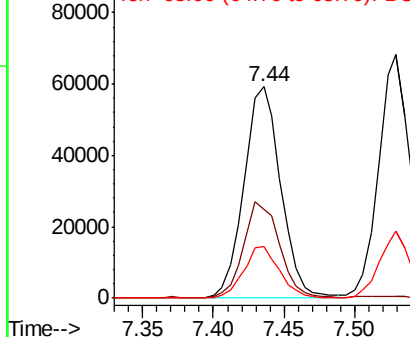
Lab File: BG041084.D

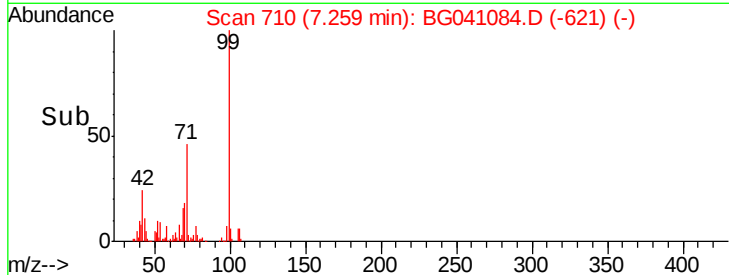
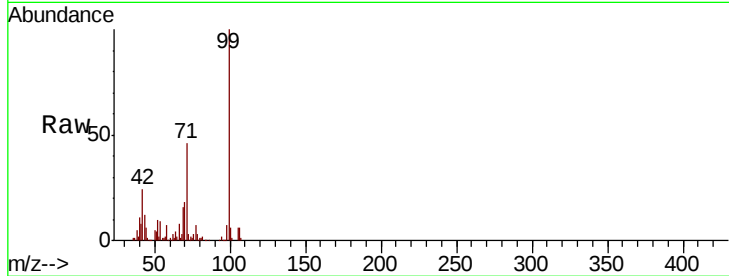
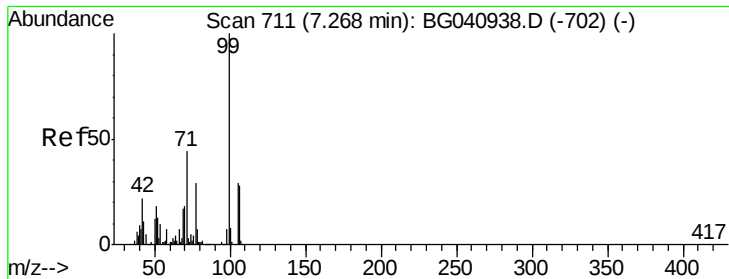
Acq: 6 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 108466 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.0  | 33.8  | 50.8   |
| 65        | 24.5  | 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: 108.963 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 376130 |       |       |
| 42      | 24.0  | 17.9   | 26.9  |       |
| 71      | 46.3  | 35.4   | 53.0  |       |

Instrument :

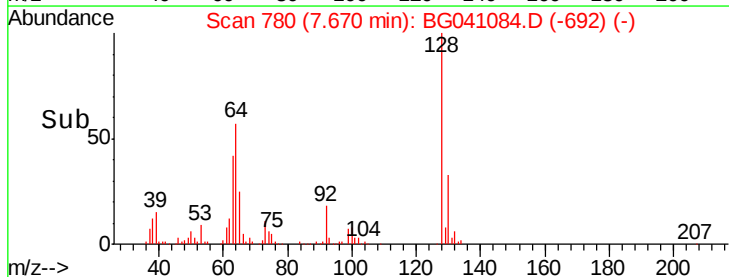
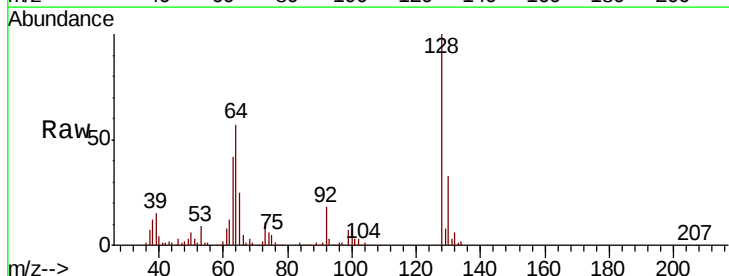
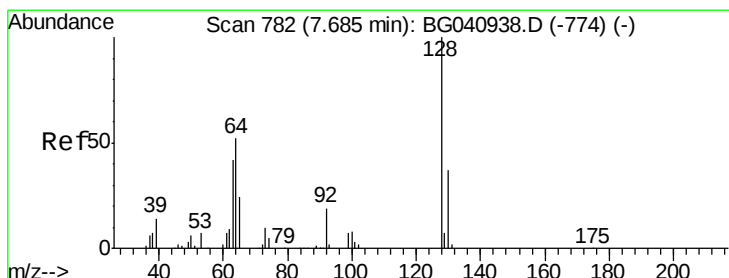
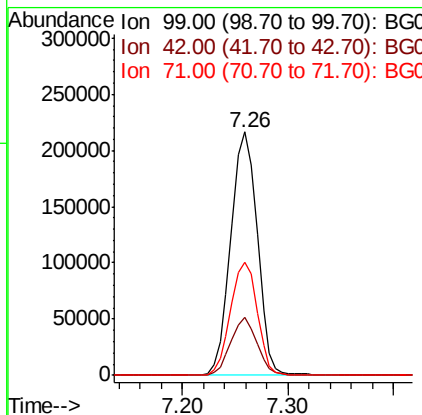
BNA\_G

ClientSampleId :

PB120328BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.709 ng

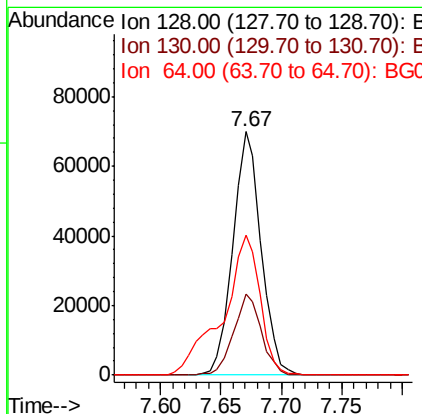
RT: 7.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 113805 |       |       |
| 130     | 33.2  | 16.6   | 56.6  |       |
| 64      | 57.4  | 37.8   | 77.8  |       |





#9

Benzaldehyde

Concen: 19.554 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

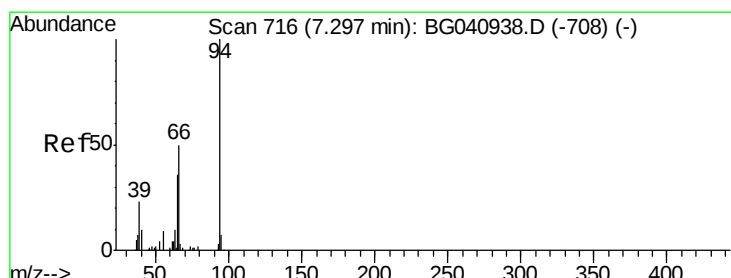
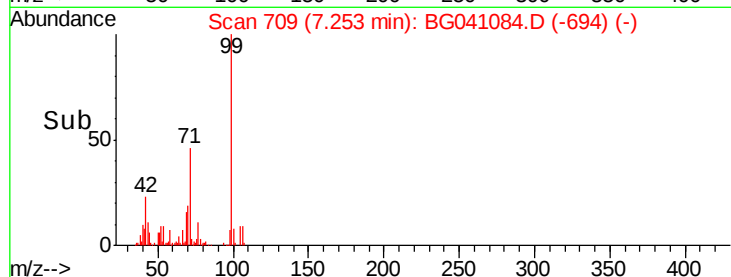
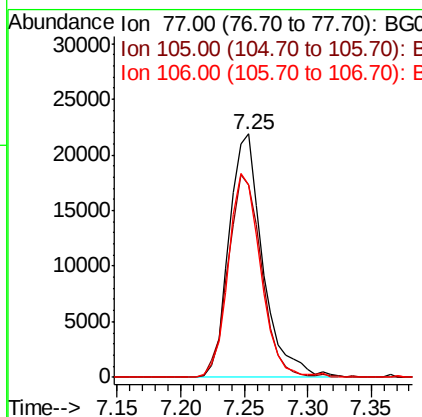
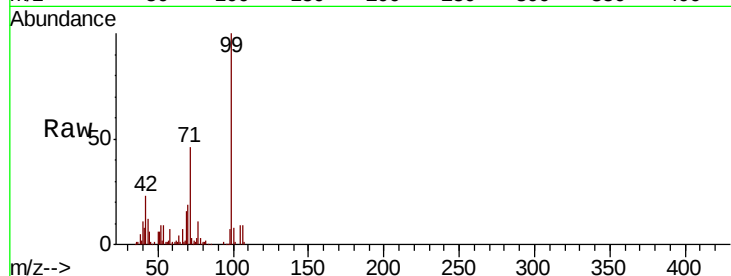
ClientSampleId :

PB120328BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 78.8  | 78.9  | 118.9# |
| 106     | 79.1  | 76.7  | 116.7  |

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#10

Phenol

Concen: 40.707 ng

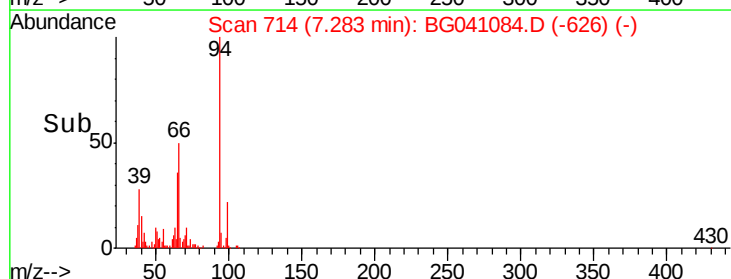
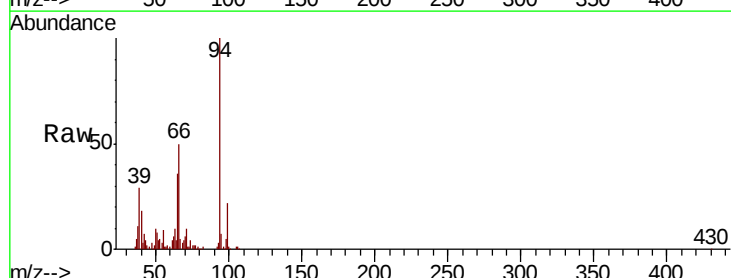
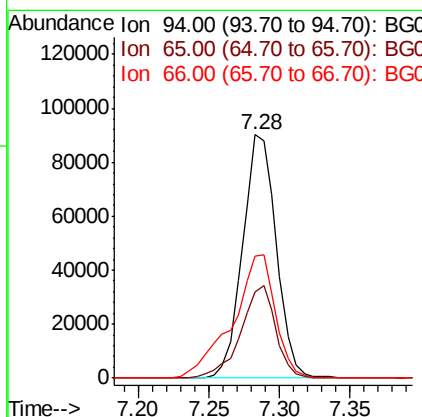
RT: 7.28 min Scan# 714

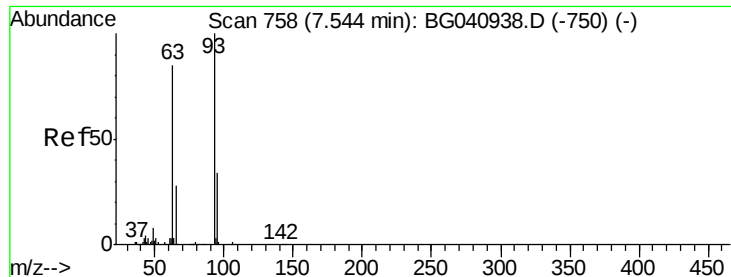
Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 35.6  | 17.0  | 57.0  |
| 66      | 49.9  | 32.4  | 72.4  |





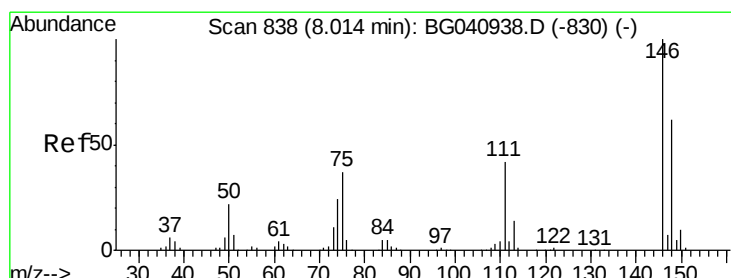
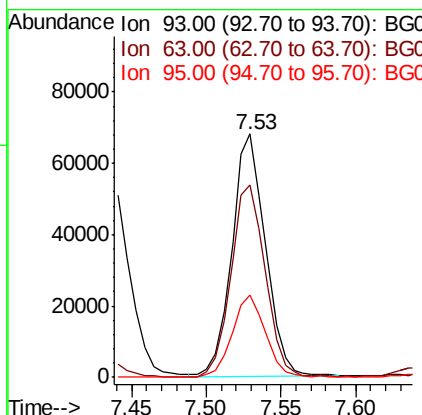
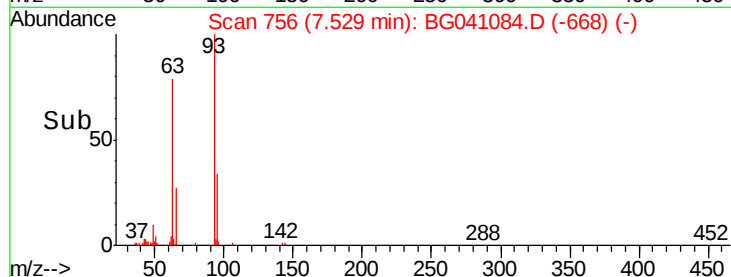
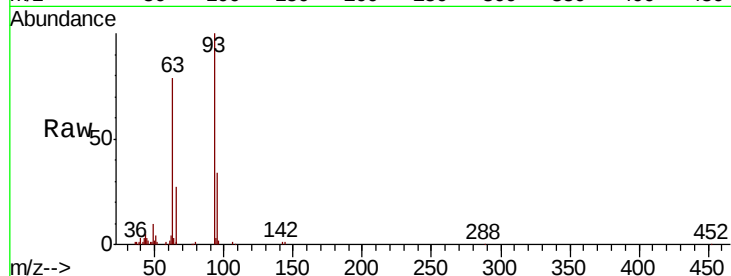
#11  
bis(2-Chloroethyl)ether  
Concen: 39.454 ng  
RT: 7.53 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 79.0  | 64.5  | 104.5 |
| 95      | 33.8  | 13.3  | 53.3  |

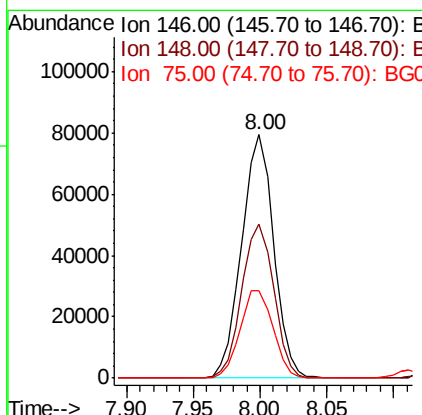
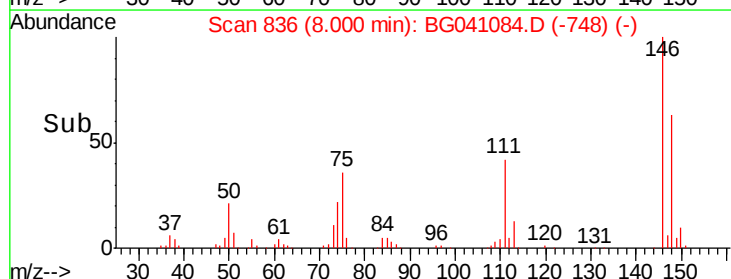
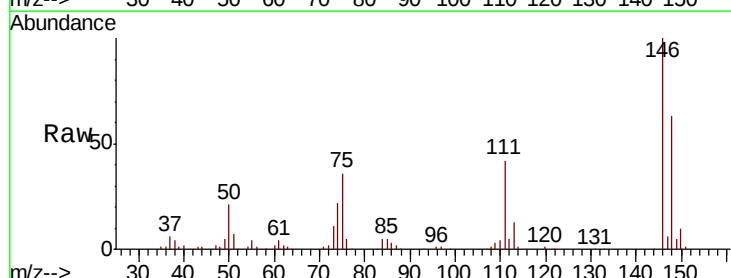
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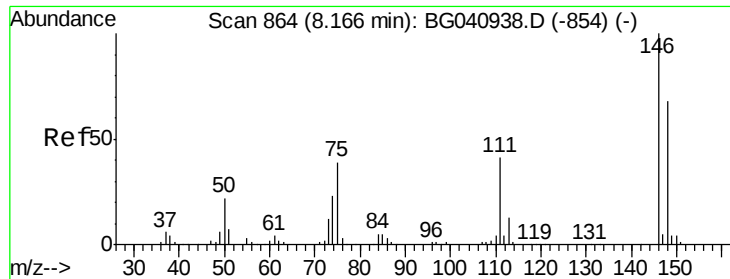
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 41.459 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 49.2  | 73.8  |
| 75      | 35.8  | 29.4  | 44.0  |





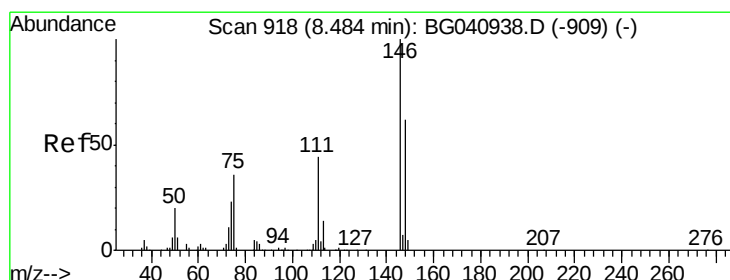
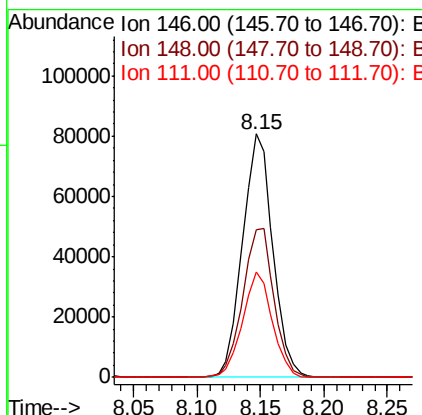
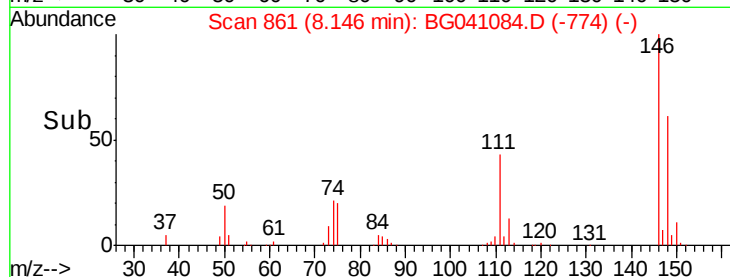
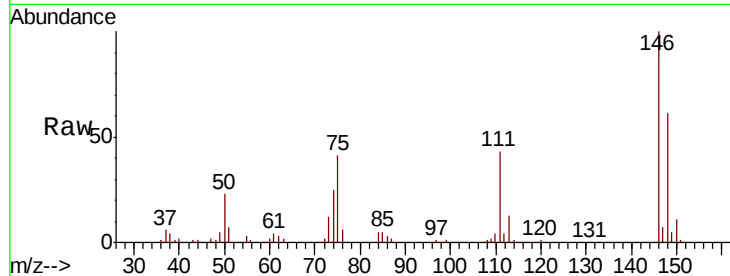
#13  
 1,4-Dichlorobenzene  
 Concen: 41.386 ng  
 RT: 8.15 min Scan# 861  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.8  | 54.2  | 81.4  |
| 111     | 43.2  | 32.9  | 49.3  |

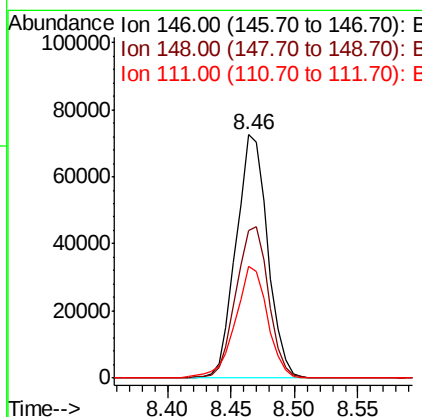
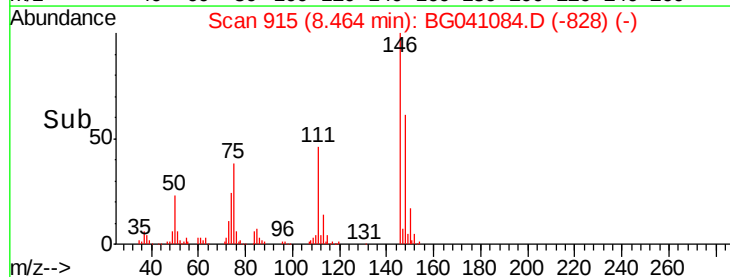
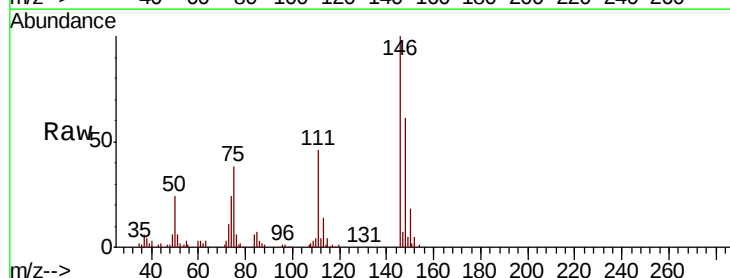
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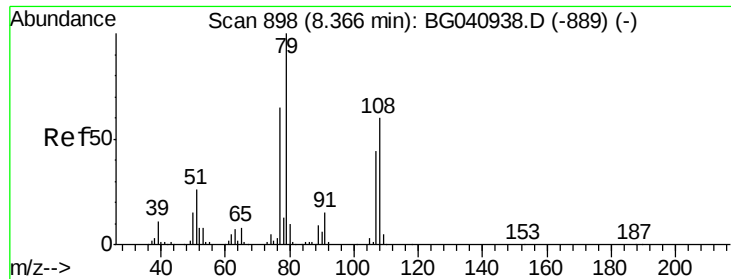
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.983 ng  
 RT: 8.46 min Scan# 915  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.5  | 49.8  | 74.6  |
| 111     | 45.9  | 35.0  | 52.4  |





#15

Benzyl Alcohol

Concen: 39.312 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

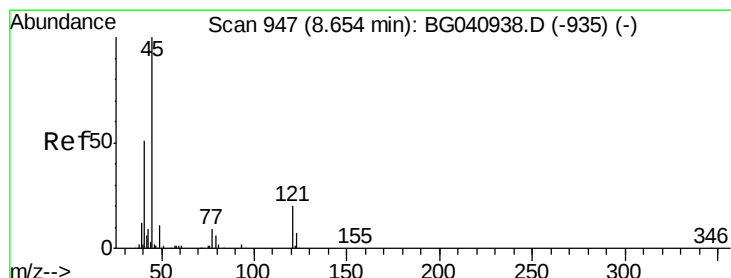
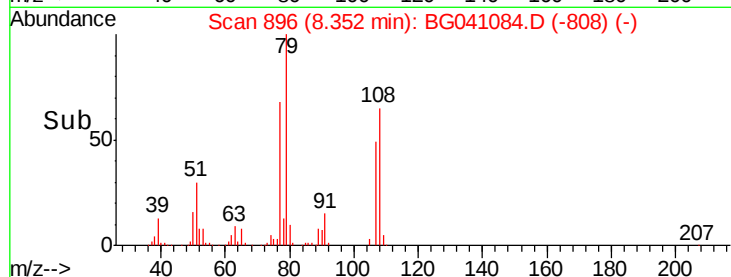
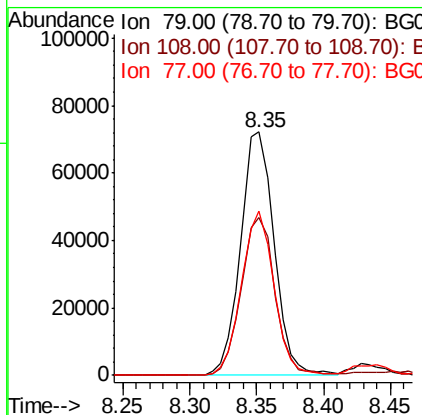
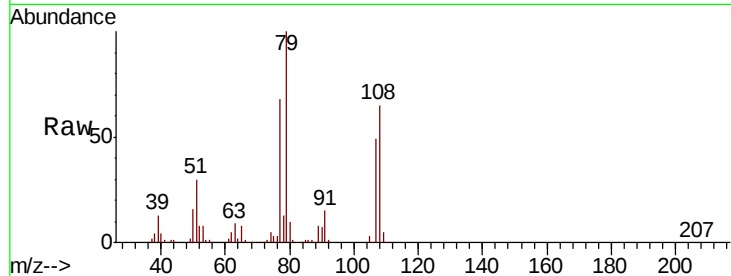
ClientSampleId :

PB120328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 125528 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 64.9  | 48.3  | 72.5   |
| 77        | 67.5  | 52.3  | 78.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.058 ng

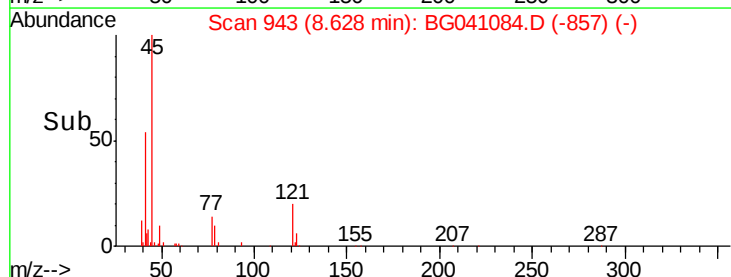
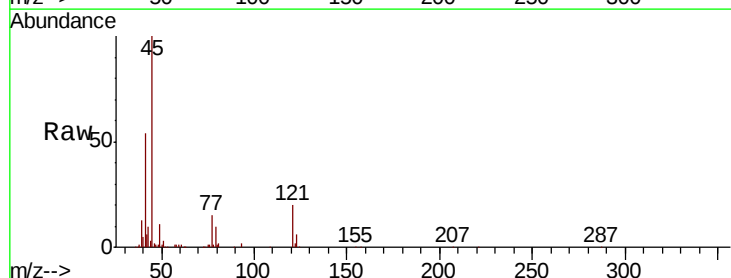
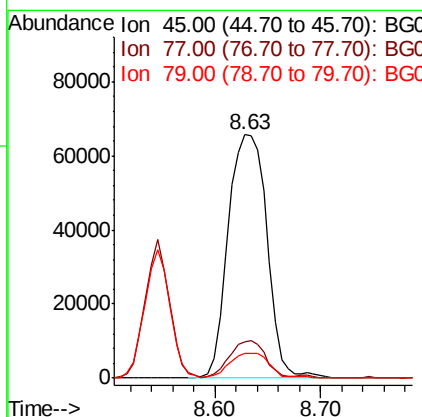
RT: 8.63 min Scan# 943

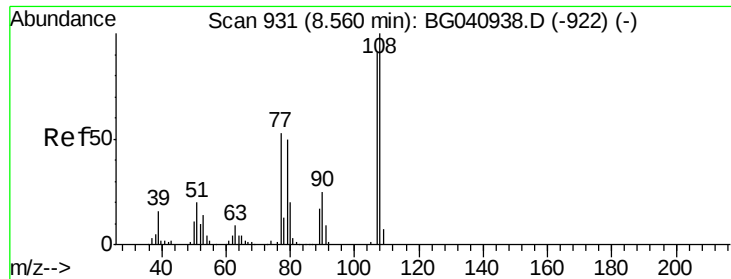
Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 166977 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.0  | 0.0   | 33.7   |
| 79        | 10.2  | 0.0   | 30.2   |





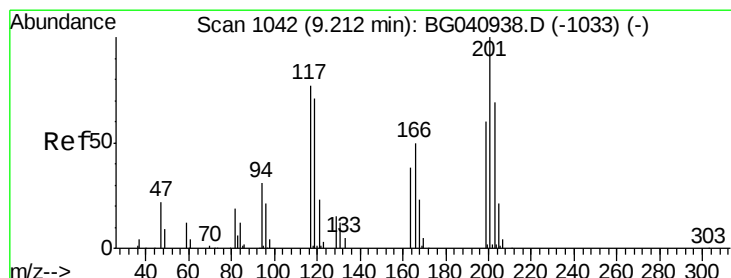
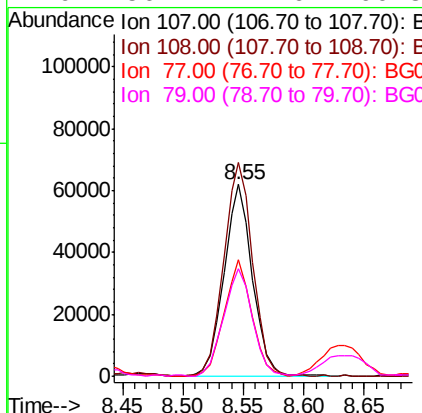
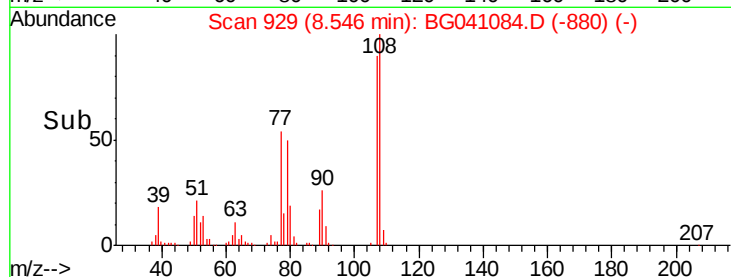
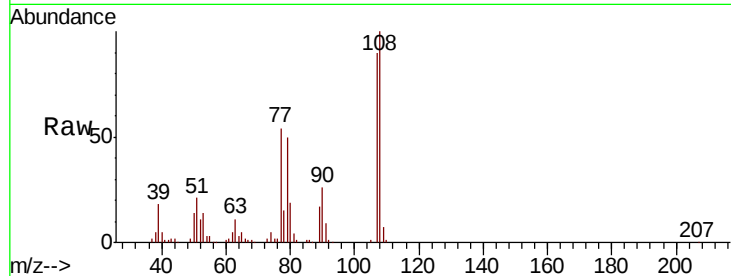
#17  
2-Methylphenol  
Concen: 37.515 ng  
RT: 8.55 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampled :  
PB120328BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.4 | 87.7 | 131.5 |       |
| 77      | 60.6  | 46.6 | 70.0  |       |
| 79      | 56.1  | 44.6 | 66.8  |       |

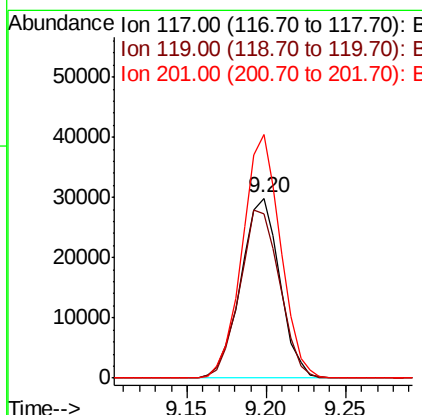
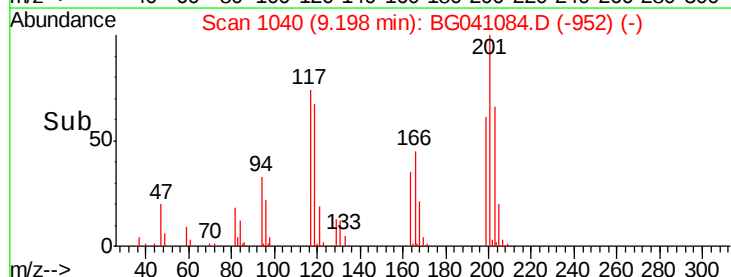
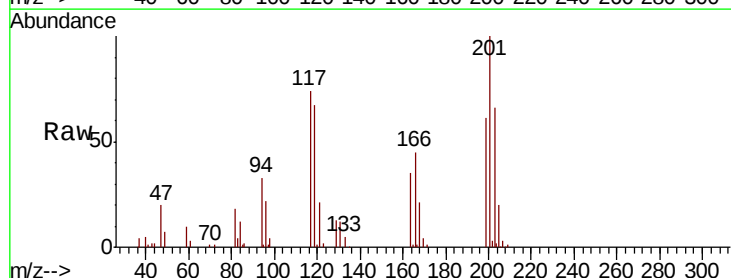
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#18  
Hexachloroethane  
Concen: 40.994 ng  
RT: 9.20 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 91.0  | 75.0  | 112.6 |       |
| 201     | 135.1 | 103.5 | 155.3 |       |





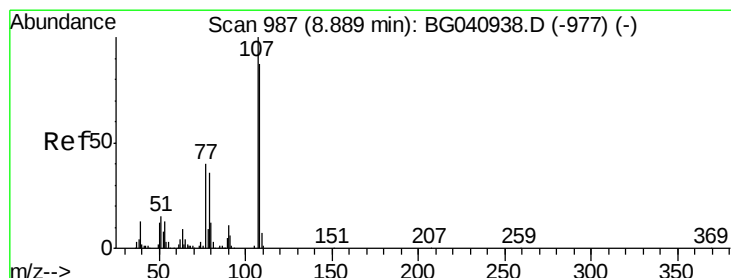
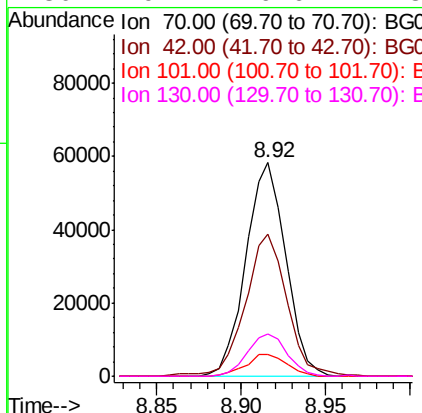
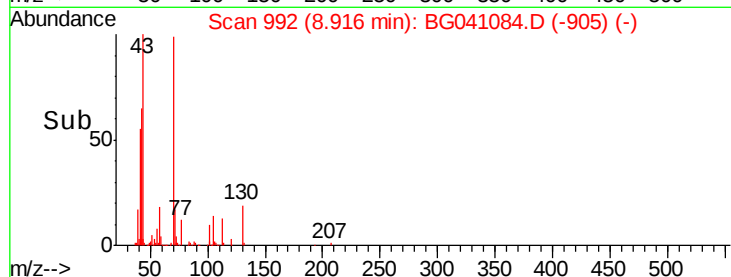
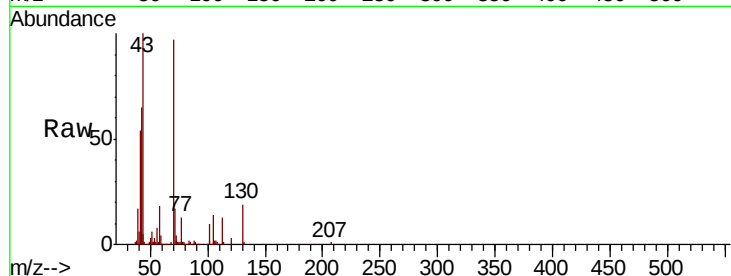
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.024 ng  
RT: 8.92 min Scan# 992  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 66.7 | 51.5  | 77.3  |       |
| 101     | 10.0 | 8.1   | 12.1  |       |
| 130     | 19.7 | 16.6  | 24.8  |       |

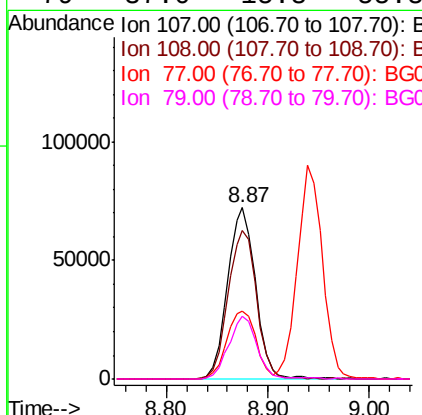
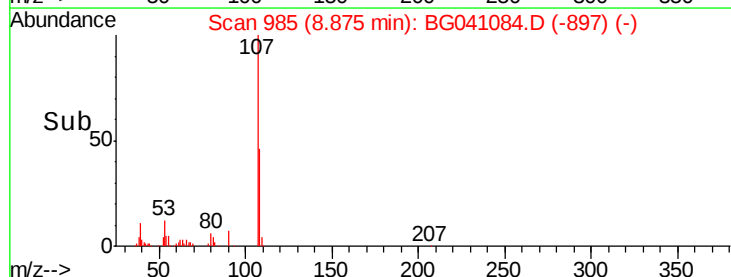
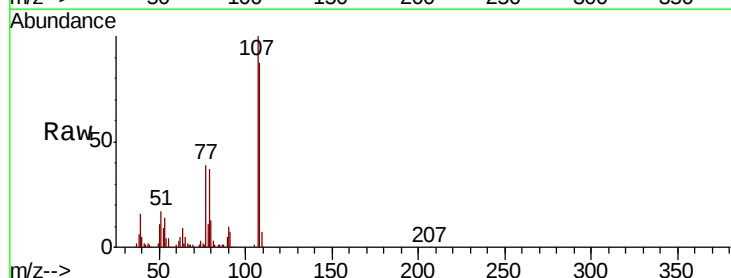
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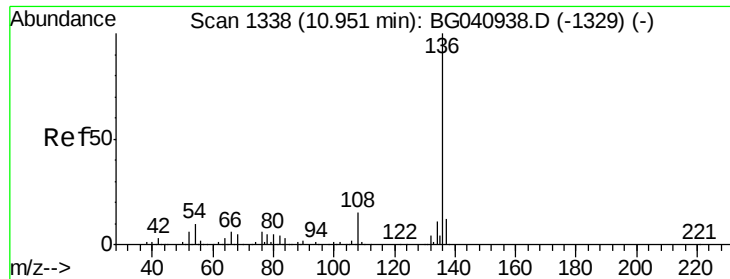
mohammad  
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#20  
3+4-Methylphenols  
Concen: 37.137 ng  
RT: 8.87 min Scan# 985  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.5 | 66.8  | 106.8 |       |
| 77      | 39.3 | 20.5  | 60.5  |       |
| 79      | 37.0 | 15.8  | 55.8  |       |





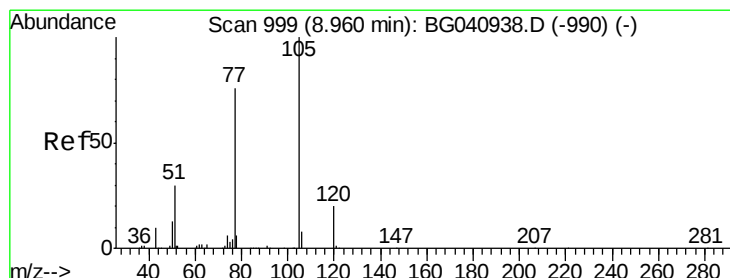
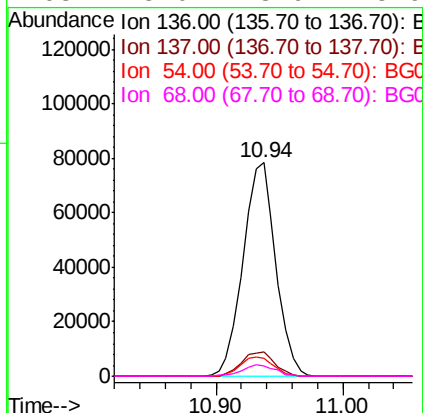
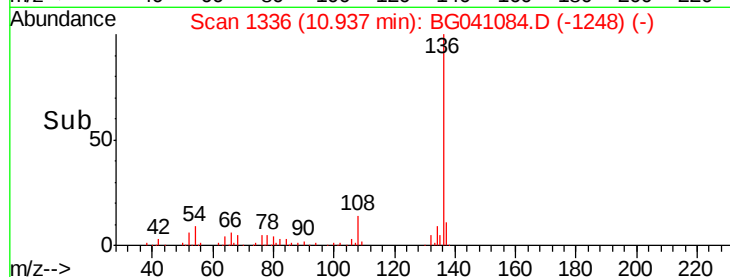
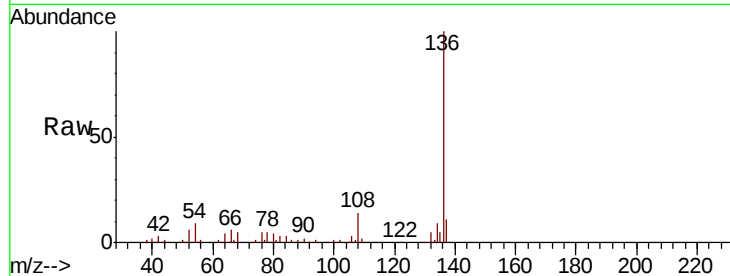
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.94 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 9.5  | 14.3  |       |
| 54      | 8.7   | 7.6  | 11.4  |       |
| 68      | 5.0   | 3.9  | 5.9   |       |

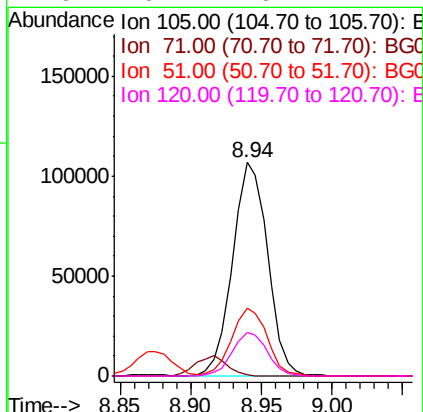
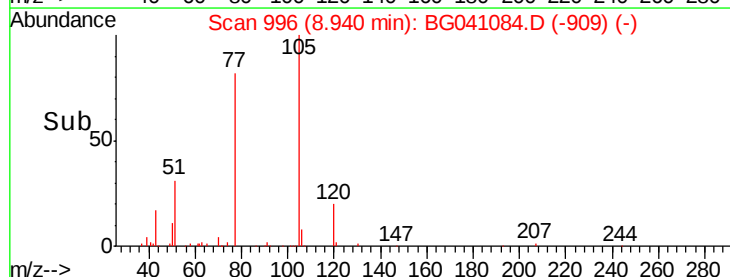
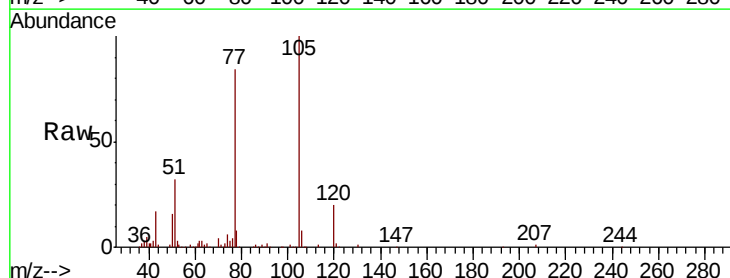
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#22  
Acetophenone  
Concen: 47.090 ng  
RT: 8.94 min Scan# 996  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.7   | 0.4  | 0.6#  |       |
| 51      | 31.9  | 27.0 | 40.6  |       |
| 120     | 20.4  | 16.2 | 24.4  |       |





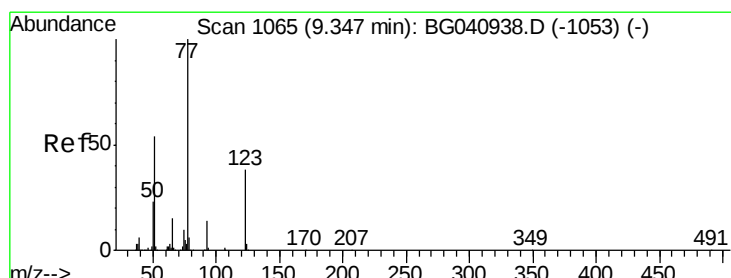
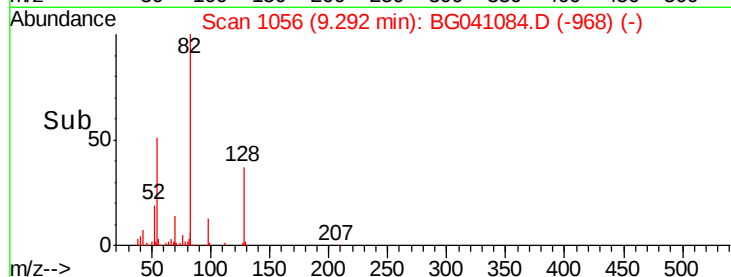
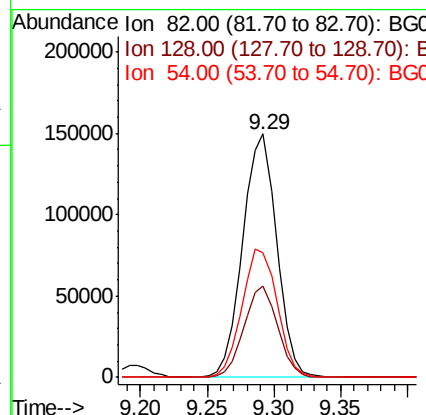
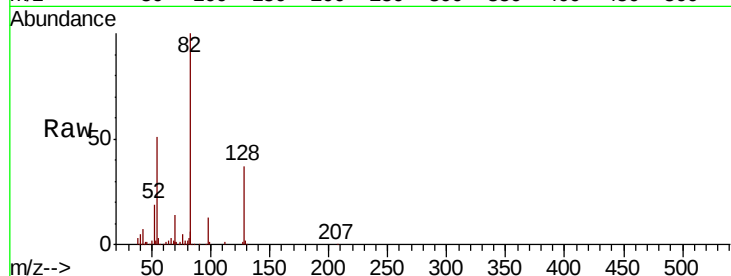
#23  
 Nitrobenzene-d5  
 Concen: 83.406 ng  
 RT: 9.29 min Scan# 1056  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.2  | 30.5  | 45.7  |
| 54      | 51.2  | 44.6  | 66.8  |

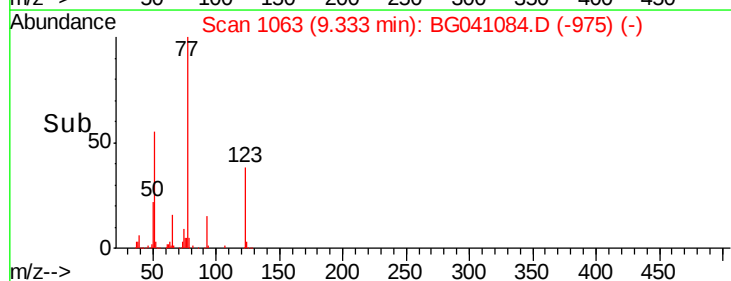
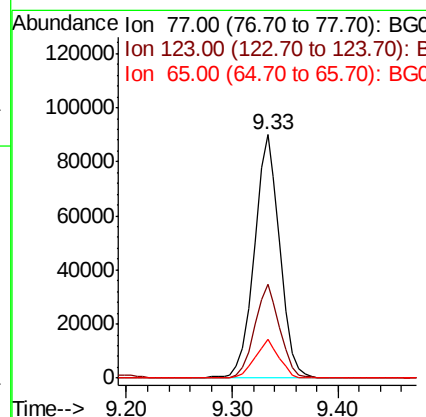
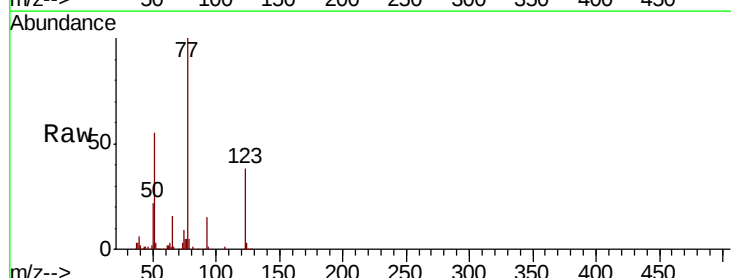
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#24  
 Nitrobenzene  
 Concen: 46.883 ng  
 RT: 9.33 min Scan# 1063  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.4  | 30.6  | 46.0  |
| 65      | 15.8  | 12.3  | 18.5  |





#25

Isophorone

Concen: 43.914 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

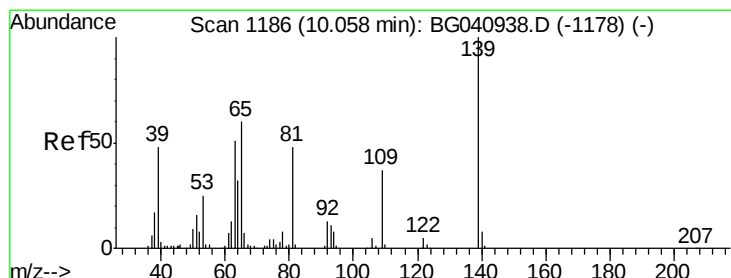
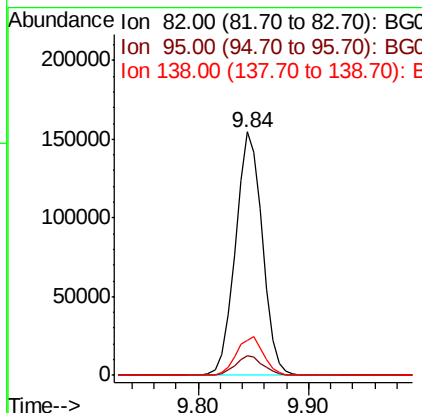
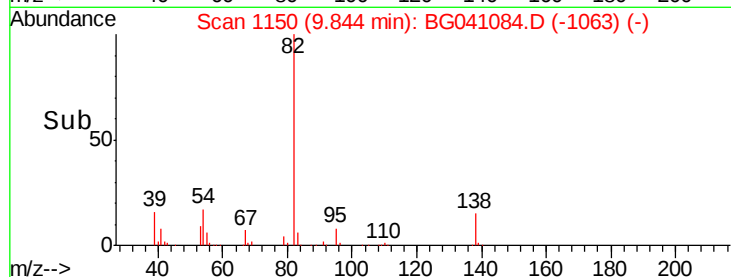
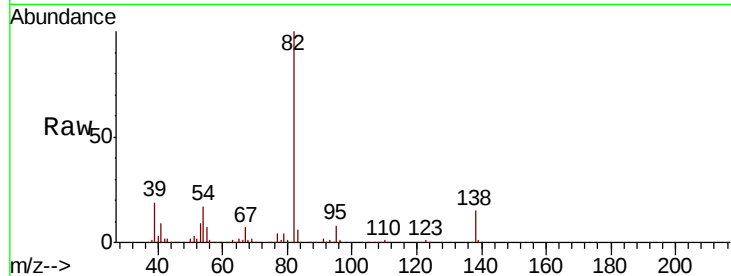
ClientSampleId :

PB120328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 264505 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.2   | 7.0   | 10.4   |
| 138       | 14.5  | 12.6  | 19.0   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 50.225 ng

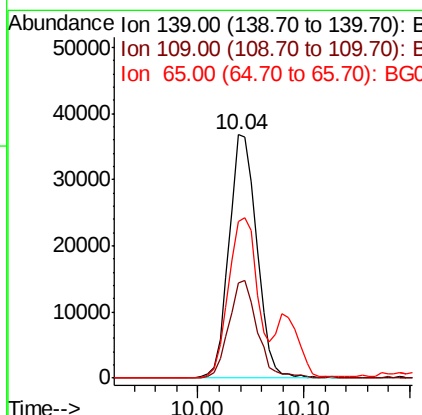
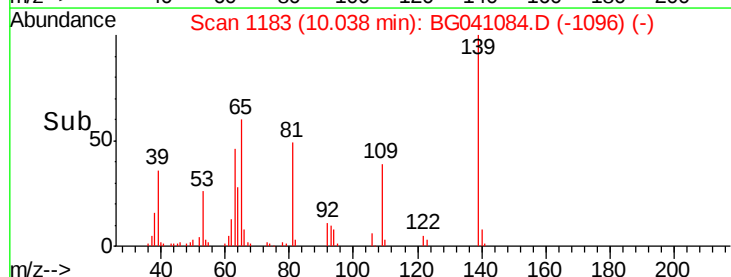
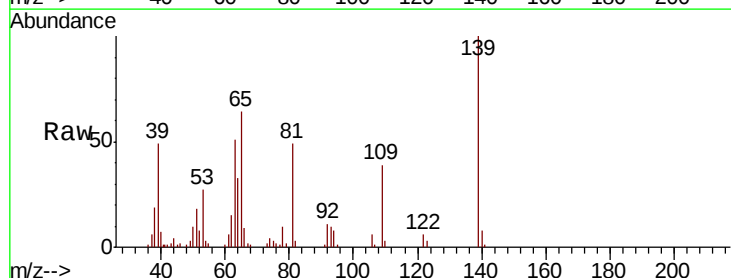
RT: 10.04 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 66783 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 39.2  | 29.8  | 44.6  |
| 65        | 64.4  | 47.8  | 71.6  |





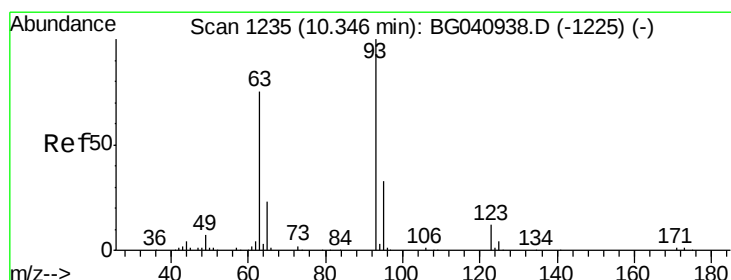
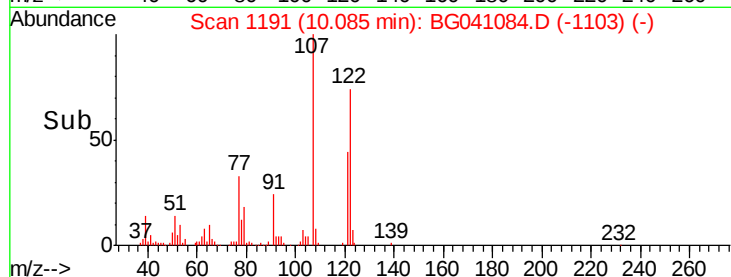
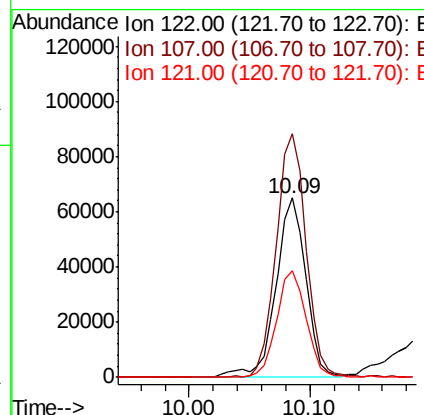
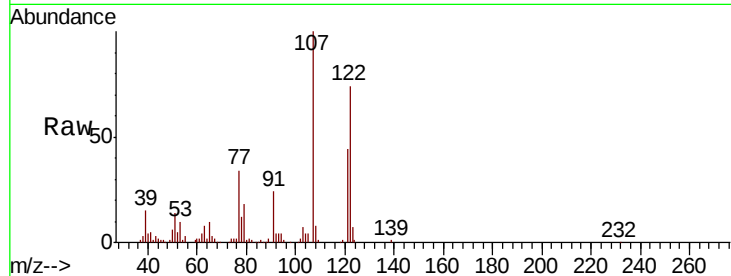
#27  
2,4-Dimethylphenol  
Concen: 50.557 ng  
RT: 10.09 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 135.9 | 105.9 | 158.9 |
| 121     | 59.6  | 46.2  | 69.4  |

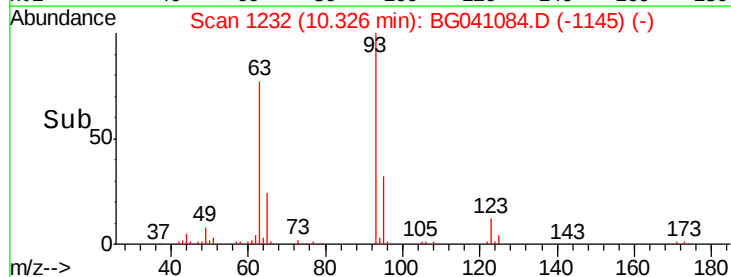
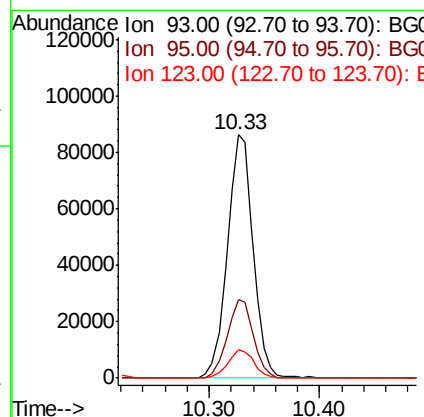
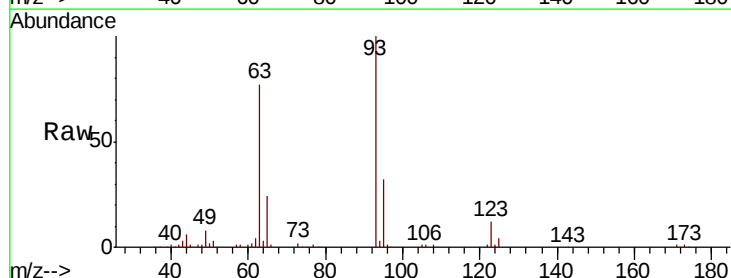
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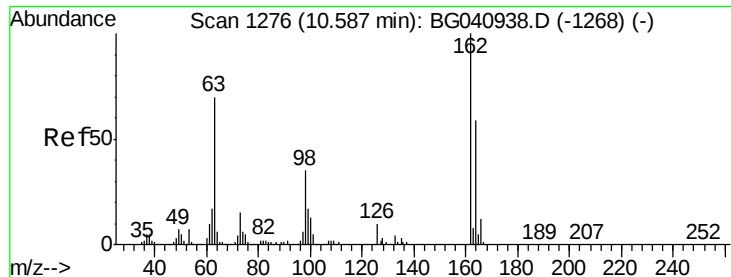
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 43.127 ng  
RT: 10.33 min Scan# 1232  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 26.2  | 39.2  |
| 123     | 11.6  | 9.5   | 14.3  |





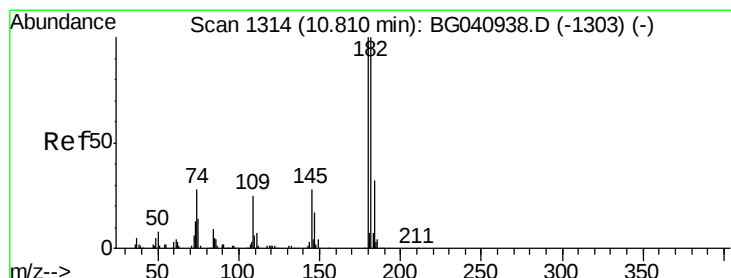
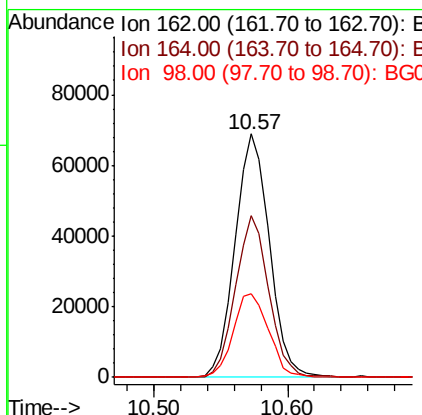
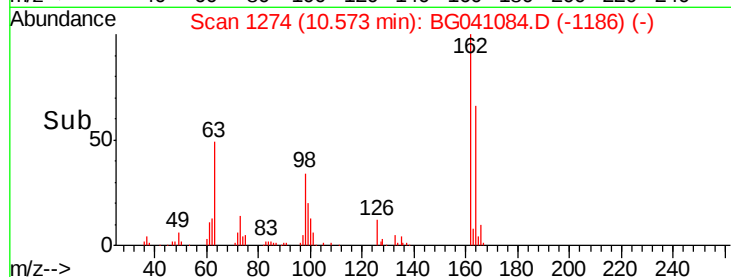
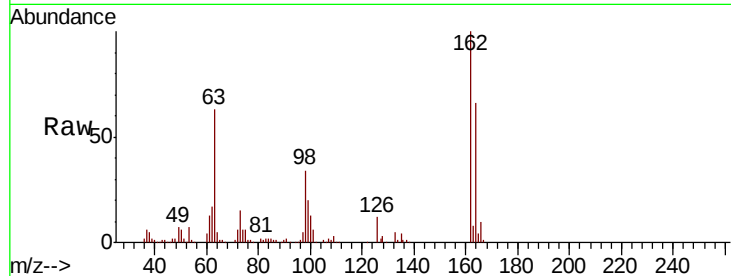
#29  
2,4-Dichlorophenol  
Concen: 44.081 ng  
RT: 10.57 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 122930 |       |       |
| 164     | 66.3  |        | 39.4  | 79.4  |
| 98      | 34.2  |        | 15.3  | 55.3  |

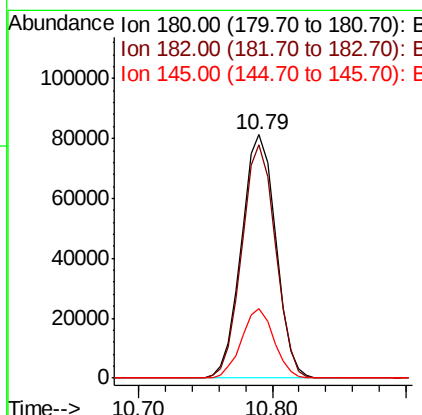
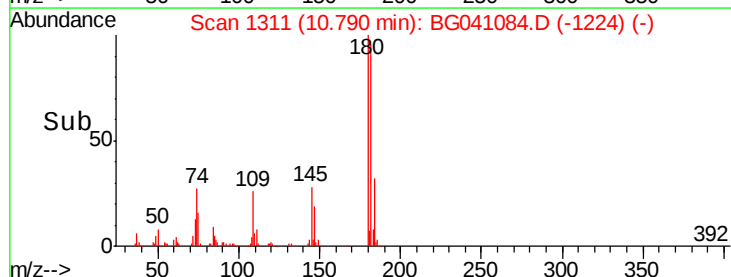
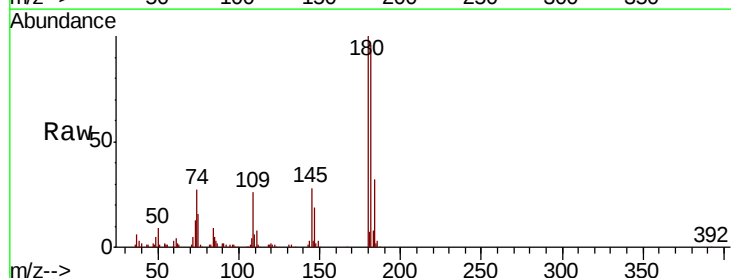
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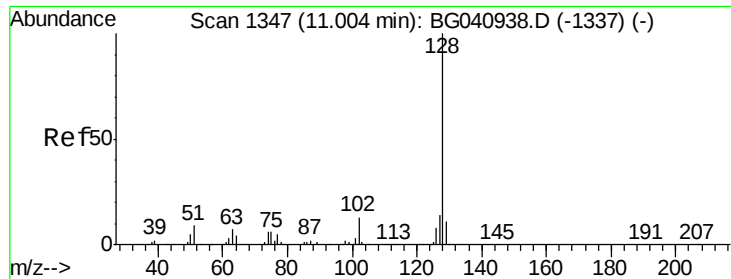
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 45.364 ng  
RT: 10.79 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 143913 |       |       |
| 182     | 96.0  |        | 79.7  | 119.5 |
| 145     | 28.4  |        | 22.6  | 34.0  |





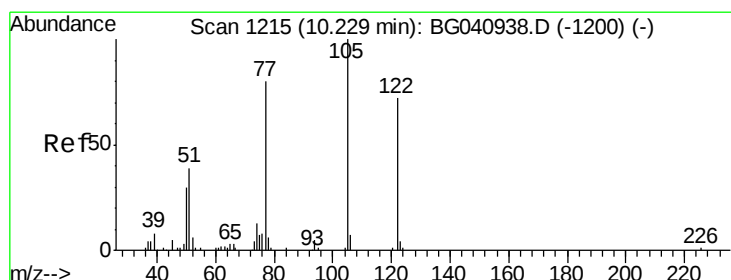
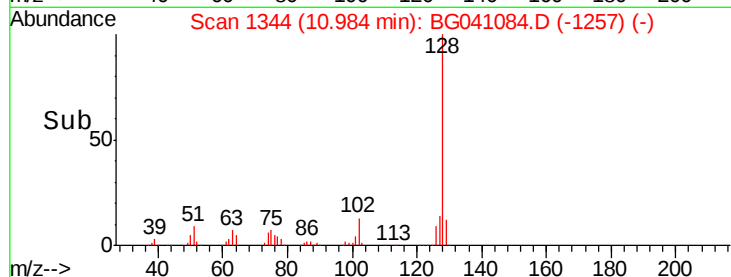
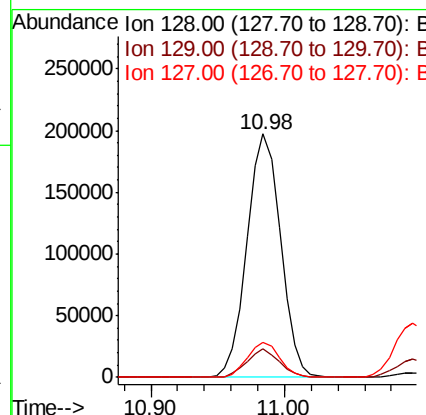
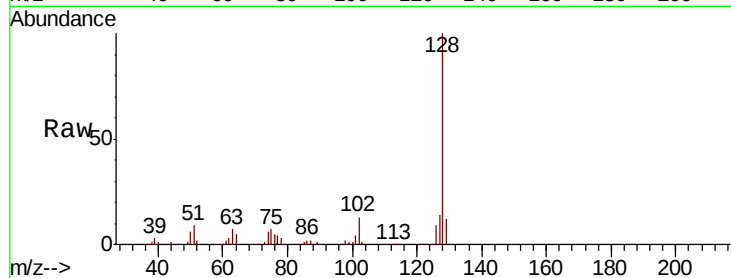
#31  
Naphthalene  
Concen: 45.455 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampled :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 8.5   | 12.7  |
| 127     | 14.3  | 11.4  | 17.2  |

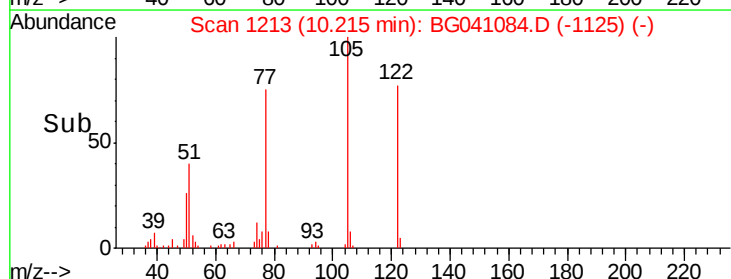
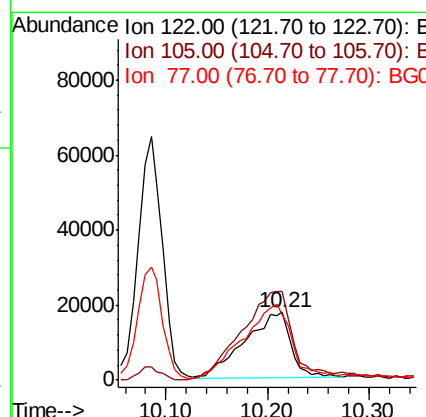
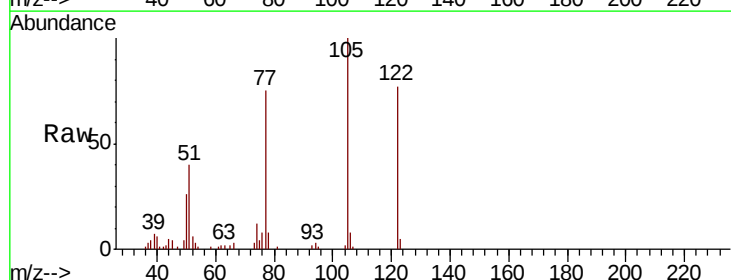
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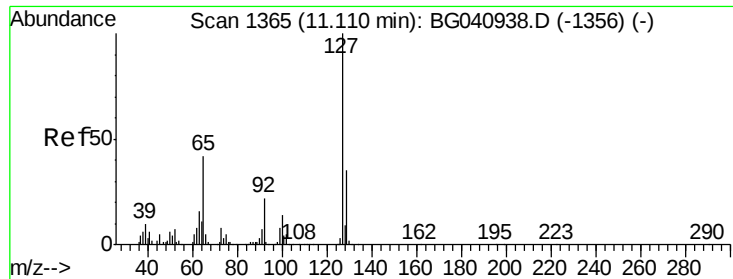
mohammad  
6/7/2019 2:12:50 PM



#32  
Benzoic acid  
Concen: 35.345 ng  
RT: 10.21 min Scan# 1213  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 129.5 | 114.8 | 154.8 |
| 77      | 96.9  | 89.9  | 129.9 |





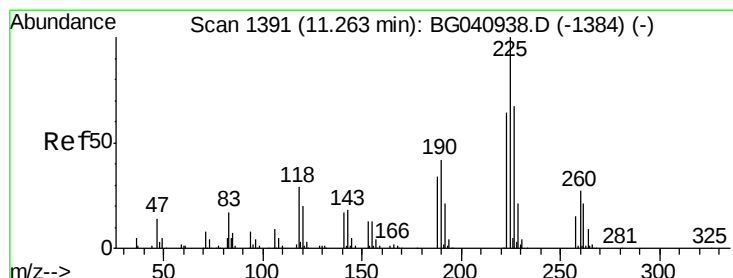
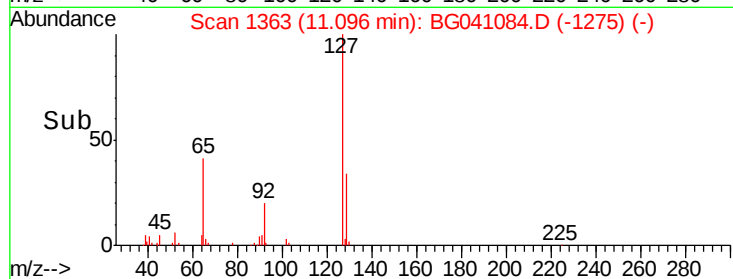
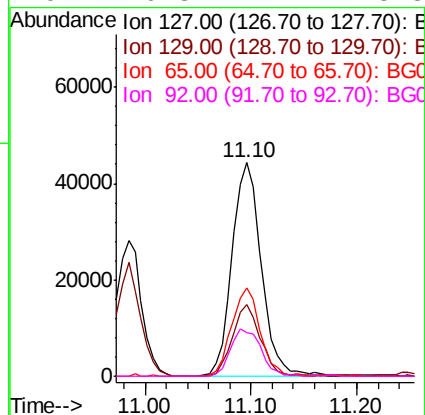
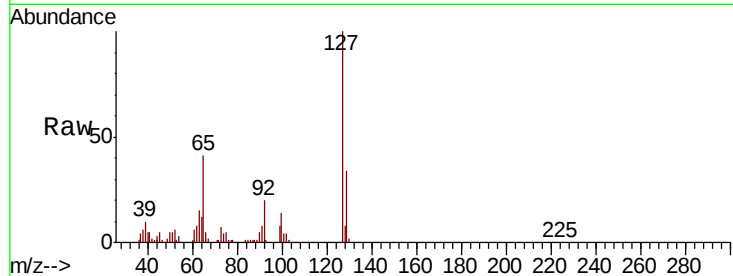
#33  
4-Chloroaniline  
Concen: 24.219 ng  
RT: 11.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 84774 |       |       |
| 129     | 33.8 | 27.7  | 41.5  |       |       |
| 65      | 41.1 | 33.2  | 49.8  |       |       |
| 92      | 20.3 | 17.2  | 25.8  |       |       |

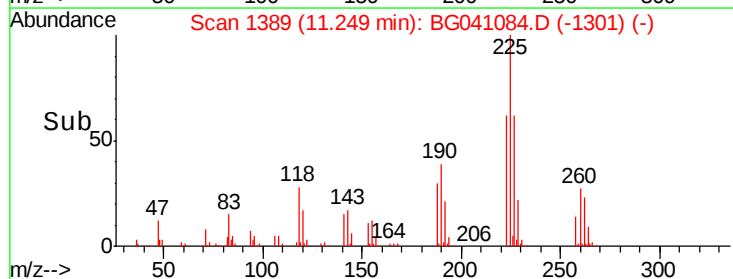
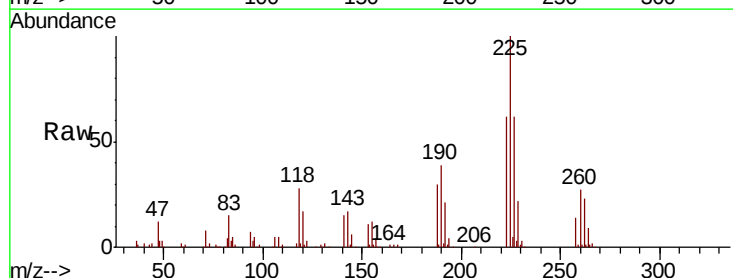
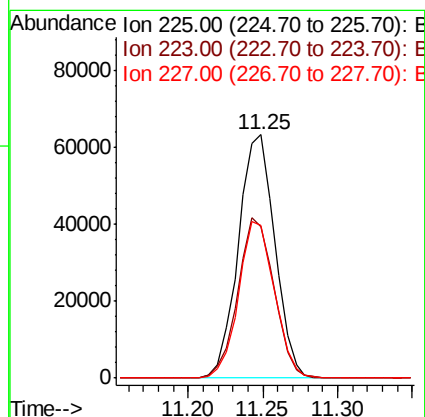
Manual Integrations  
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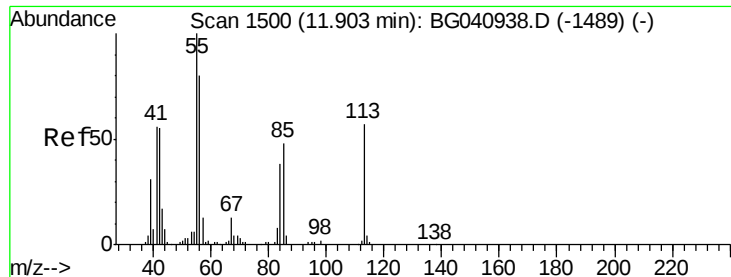
mohammad  
6/7/2019 2:12:50 PM



#34  
Hexachlorobutadiene  
Concen: 44.249 ng  
RT: 11.25 min Scan# 1389  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 107409 |       |       |
| 223     | 62.1 | 48.8  | 73.2   |       |       |
| 227     | 62.5 | 51.4  | 77.0   |       |       |





#35

Caprolactam

Concen: 42.860 ng

RT: 11.87 min Scan# 1495

Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

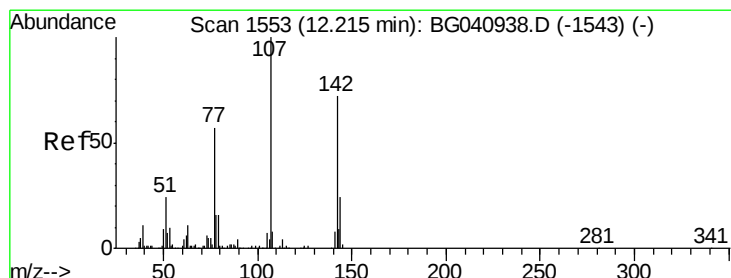
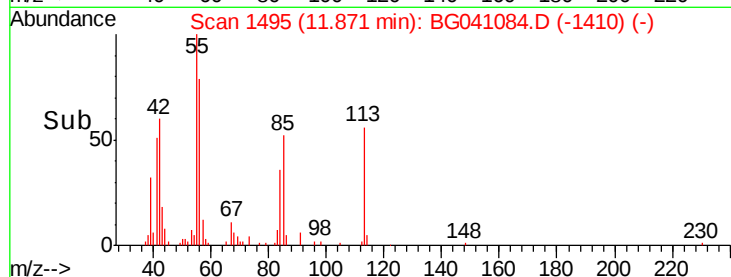
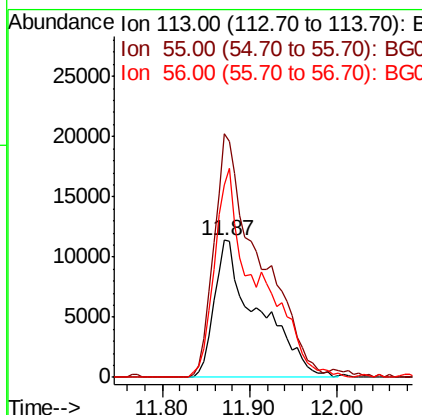
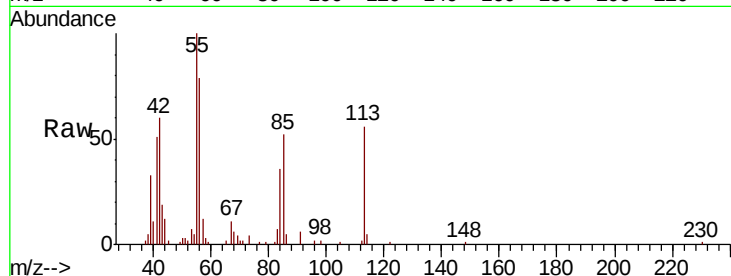
ClientSampleId :

PB120328BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 39470 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 177.6 | 155.9 | 195.9 |
| 56       | 140.5 | 119.9 | 159.9 |

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#36

4-Chloro-3-methylphenol

Concen: 43.560 ng

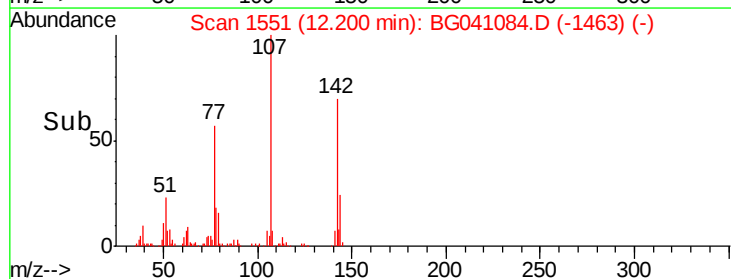
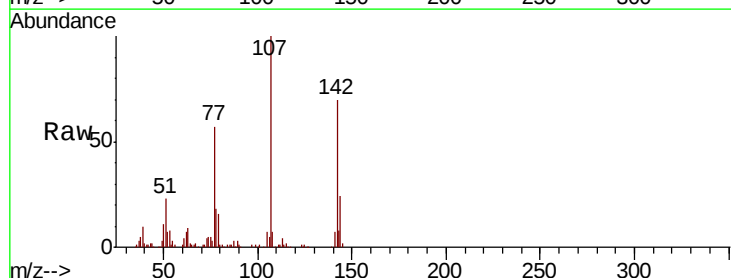
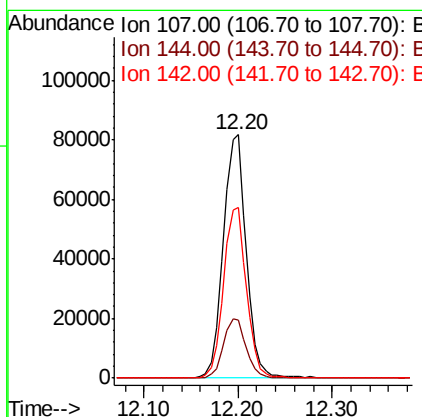
RT: 12.20 min Scan# 1551

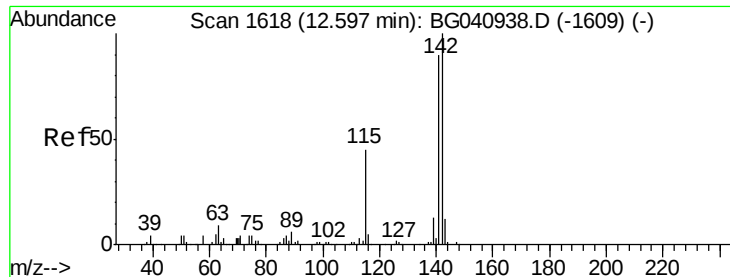
Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 138734 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 23.7  | 19.4  | 29.0   |
| 142      | 69.9  | 57.3  | 85.9   |





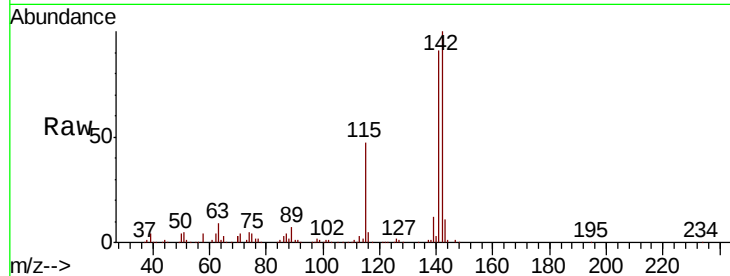
#37  
2-Methylnaphthalene  
Concen: 43.614 ng  
RT: 12.58 min Scan# 1616  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 72.2  | 108.4 |
| 115     | 46.5  | 36.2  | 54.4  |

Manual Integrations  
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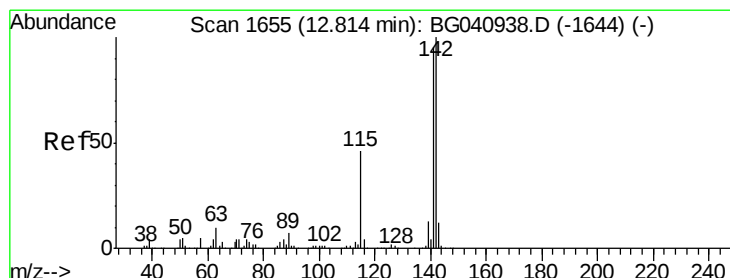
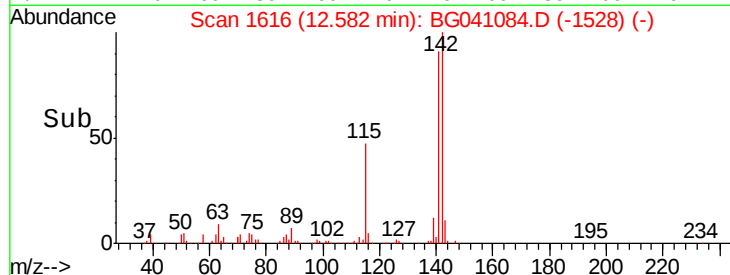
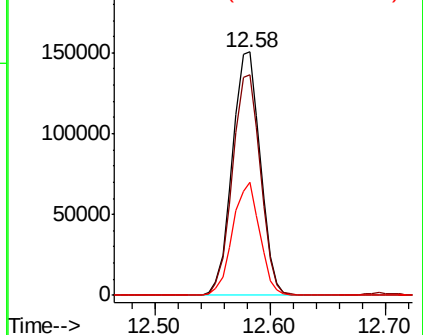


Abundance

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: 44.448 ng m  
RT: 12.80 min Scan# 1653  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

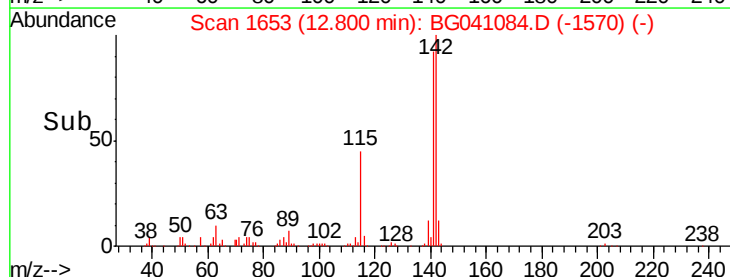
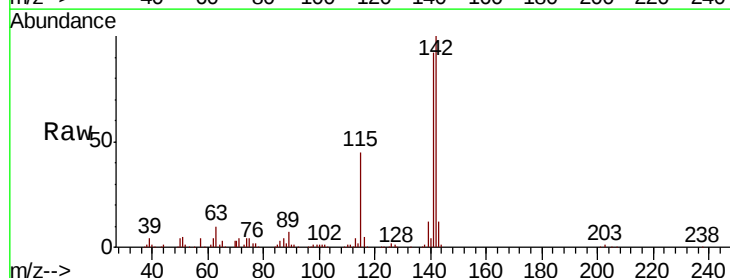
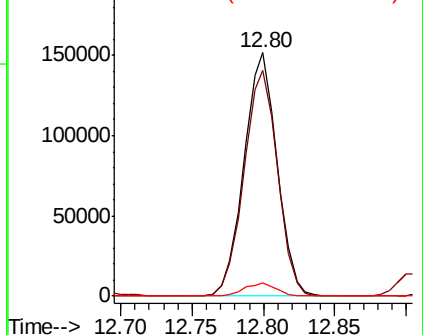
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.5  | 75.7  | 113.5 |
| 116     | 5.2   | 3.4   | 5.2#  |

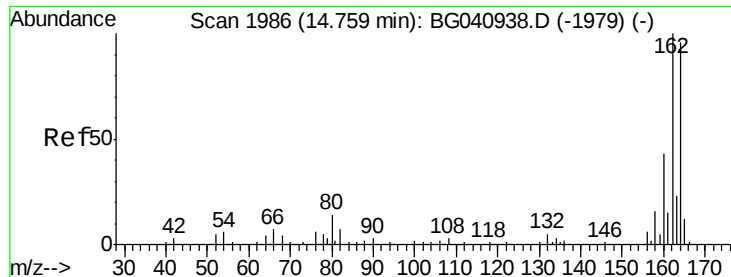
Abundance

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: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

Tot Ion:164 Resp: 95465

Ion Ratio Lower Upper

164 100

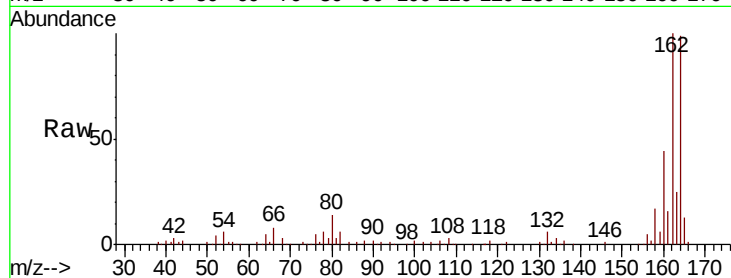
162 101.1 83.0 124.4

160 44.0 35.6 53.4

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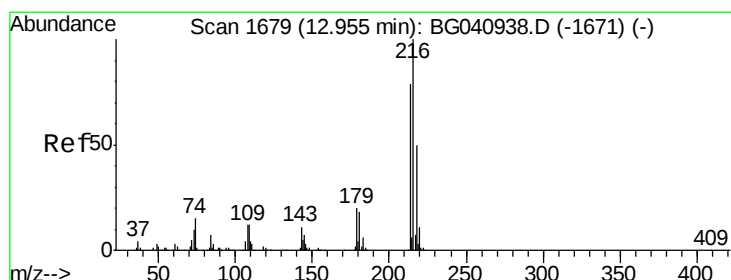
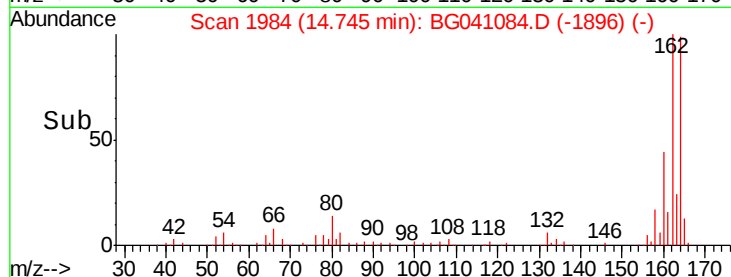
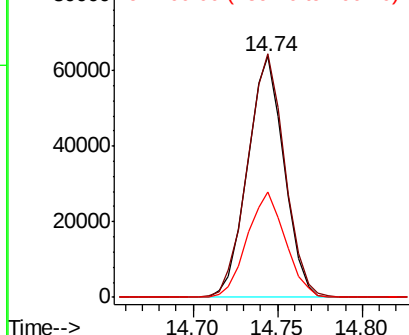


Abundance

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: 48.429 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Tgt Ion:216 Resp: 186342

Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 18.8 15.2 22.8

108 16.8 11.4 17.2

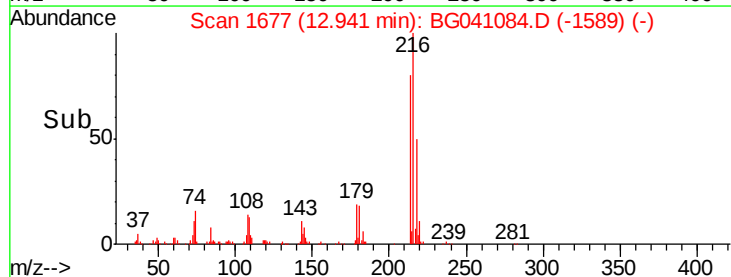
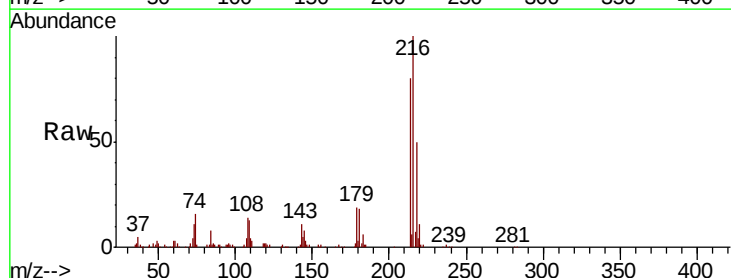
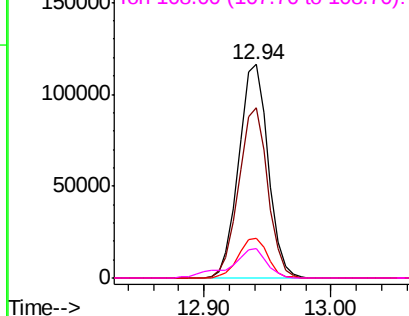
Abundance

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: 106.186 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

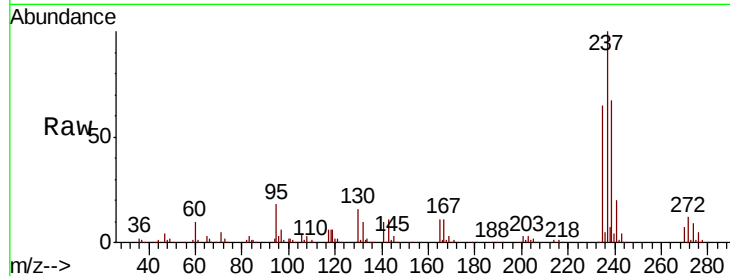
ClientSampleId :

PB120328BS

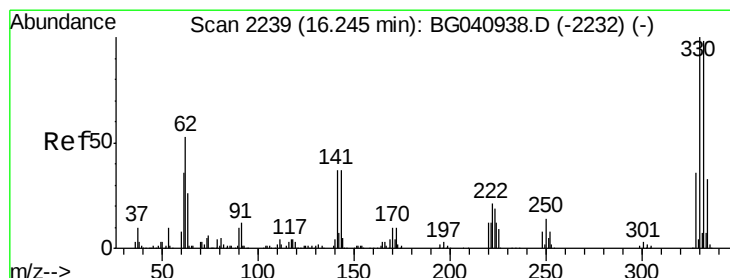
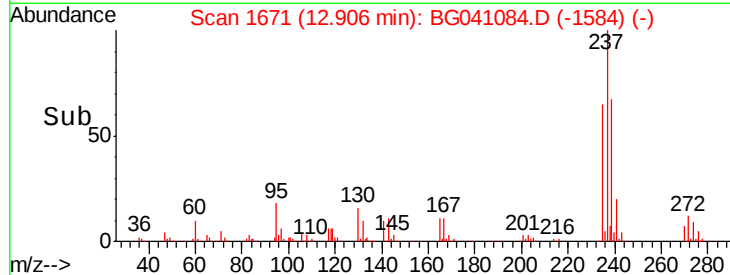
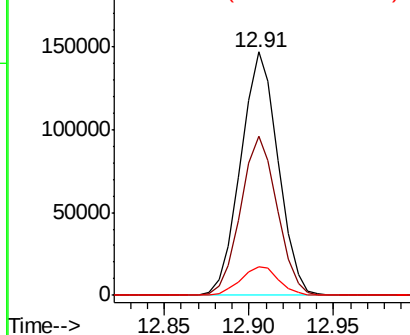
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 225845 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 65.2  | 45.5  | 85.5   |
| 272       | 11.6  | 0.0   | 32.9   |

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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: 131.732 ng

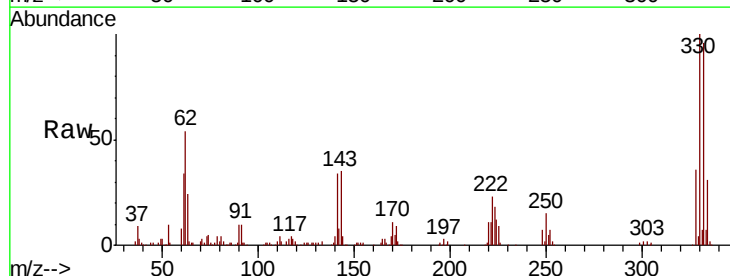
RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

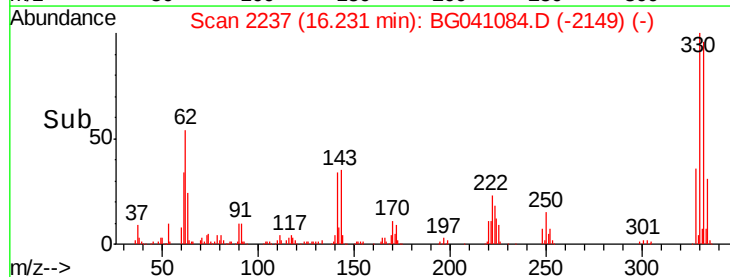
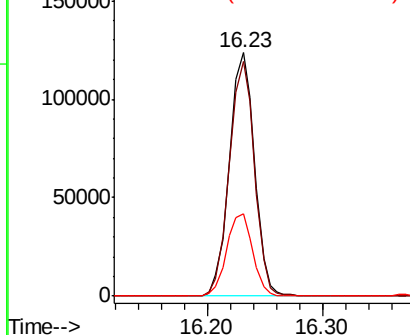
Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 186696 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.3  | 78.5  | 117.7  |
| 141       | 35.0  | 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





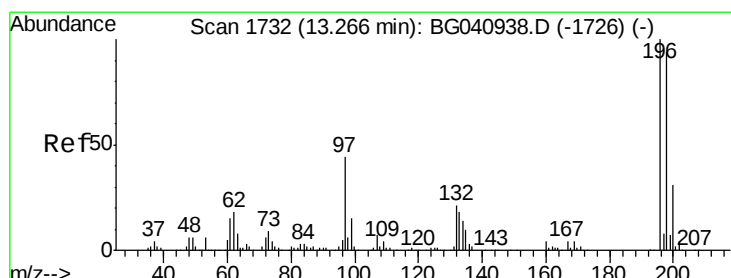
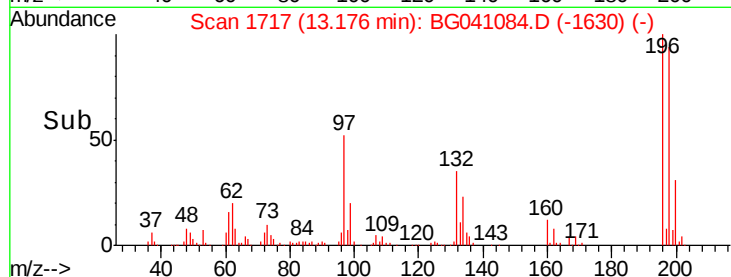
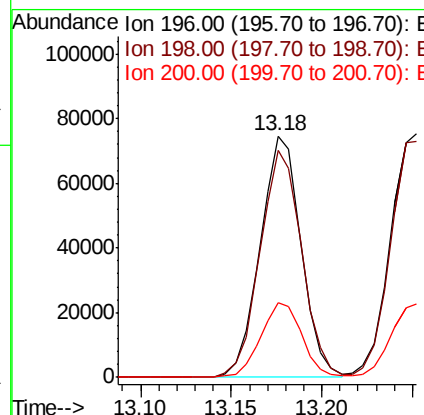
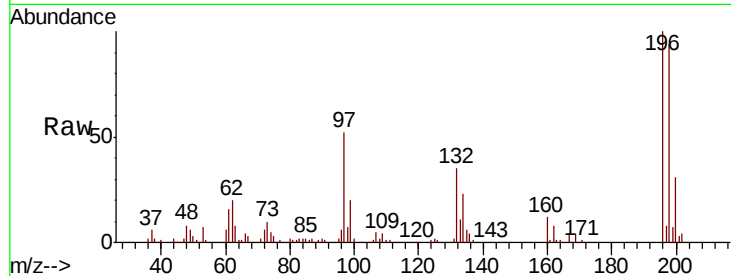
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.981 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB120328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 116942 |       |       |
| 198     | 94.0  | 73.8   | 110.6 |       |
| 200     | 30.9  | 24.1   | 36.1  |       |

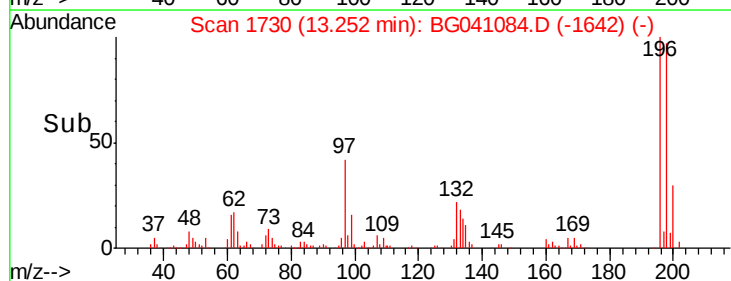
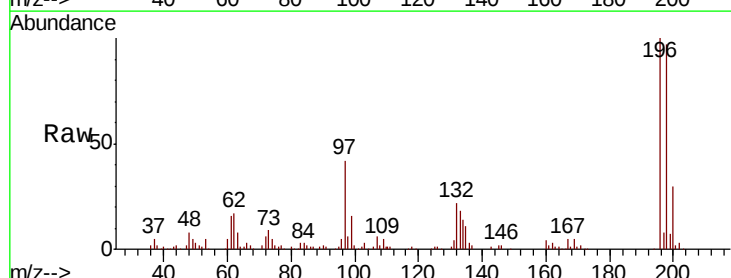
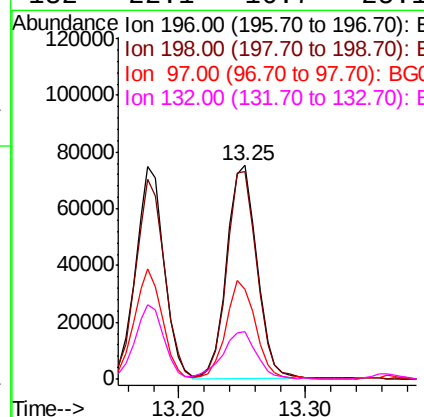
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#44  
 2,4,5-Trichlorophenol  
 Concen: 47.143 ng  
 RT: 13.25 min Scan# 1730  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 123759 |       |       |
| 198     | 97.1  | 75.1   | 112.7 |       |
| 97      | 42.0  | 35.6   | 53.4  |       |
| 132     | 22.1  | 16.7   | 25.1  |       |





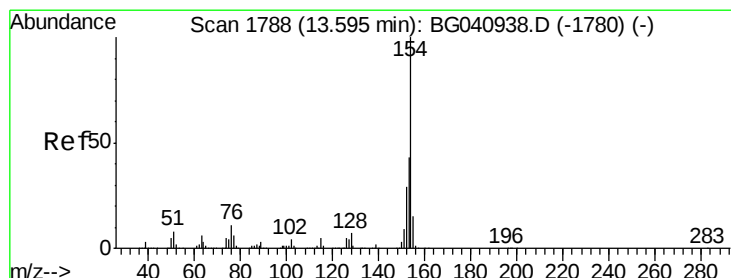
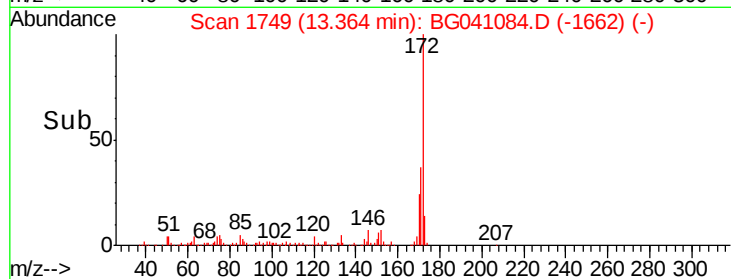
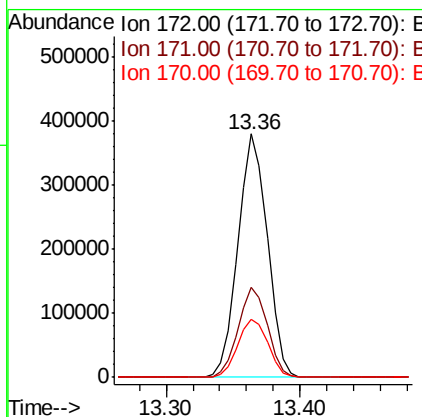
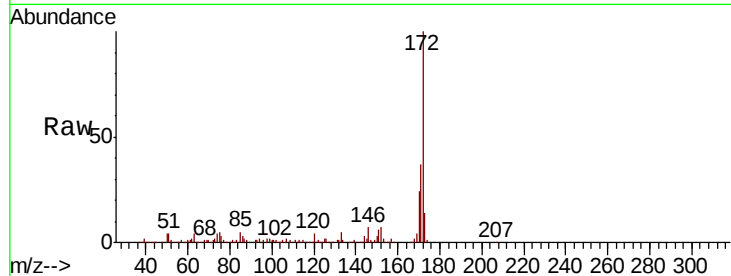
#45  
2-Fluorobiphenyl  
Concen: 87.145 ng  
RT: 13.36 min Scan# 1749  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 577686 |       |       |
| 171     | 36.8  |        | 31.1  | 46.7  |
| 170     | 24.0  |        | 20.5  | 30.7  |

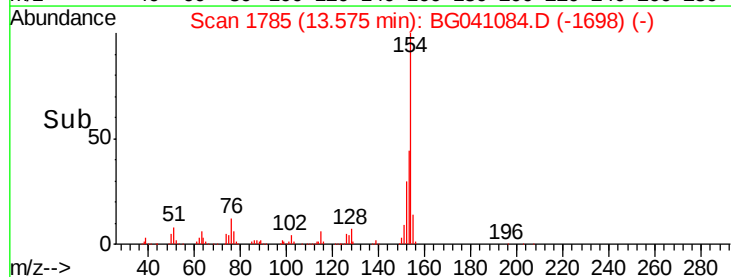
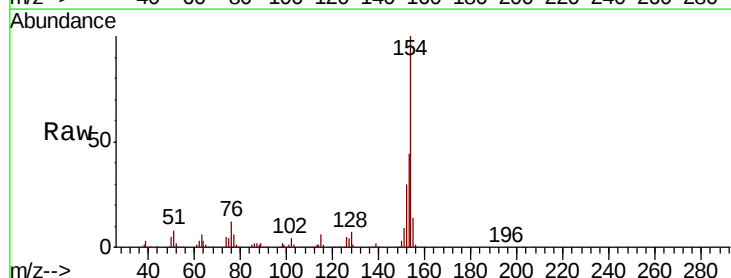
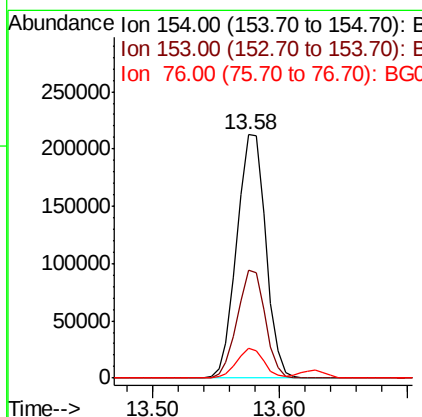
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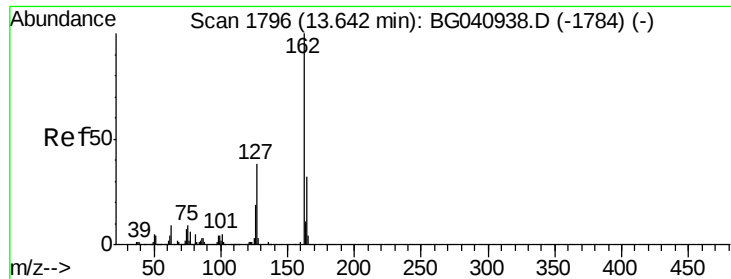
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#46  
1,1'-Biphenyl  
Concen: 47.547 ng  
RT: 13.58 min Scan# 1785  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 335988 |       |       |
| 153     | 44.1  |        | 23.3  | 63.3  |
| 76      | 12.3  |        | 0.0   | 31.1  |





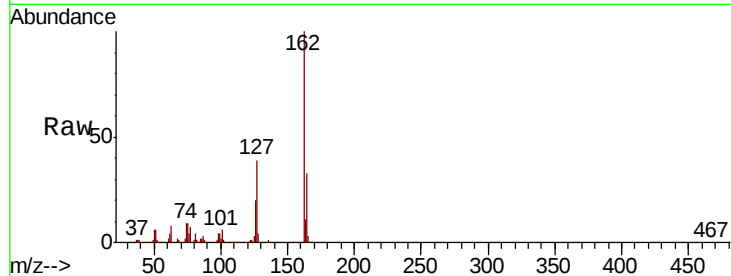
#47  
 2-Chloronaphthalene  
 Concen: 45.770 ng  
 RT: 13.63 min Scan# 1794  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 277661 |       |       |
| 127     | 39.5  |        | 30.5  | 45.7  |
| 164     | 32.7  |        | 25.8  | 38.6  |

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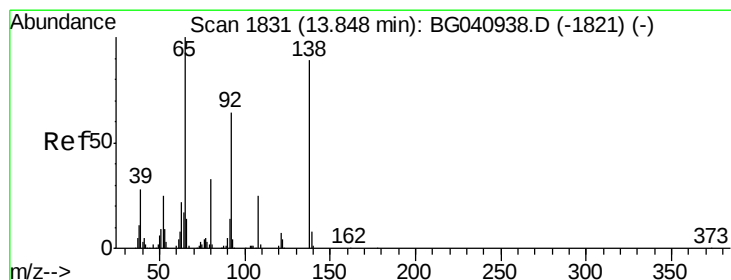
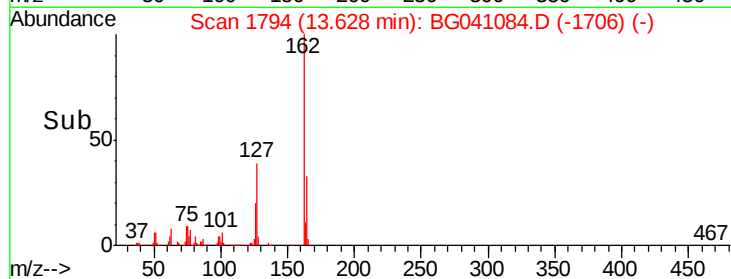
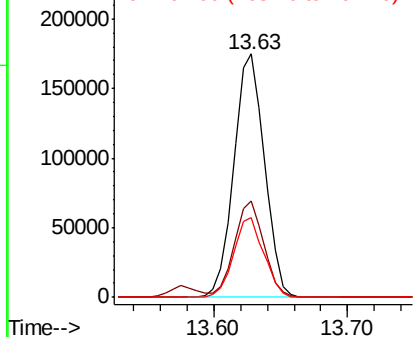


Abundance

Ion 162.00 (161.70 to 162.70): E

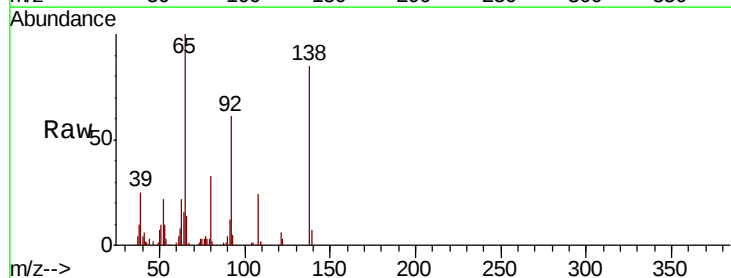
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
 2-Nitroaniline  
 Concen: 45.306 ng  
 RT: 13.83 min Scan# 1829  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 98601 |       |       |
| 92      | 61.4  |       | 51.0  | 76.6  |
| 138     | 85.5  |       | 71.2  | 106.8 |

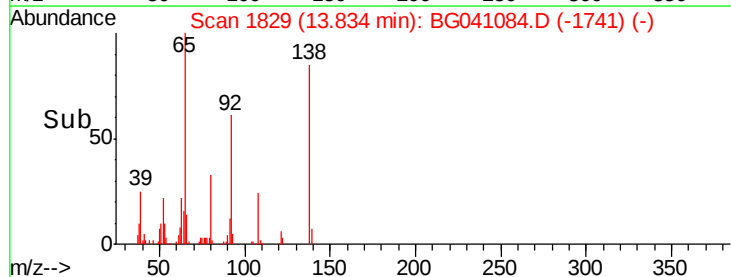
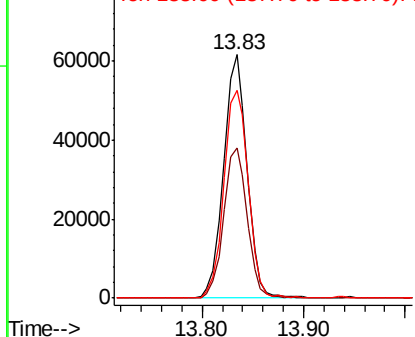


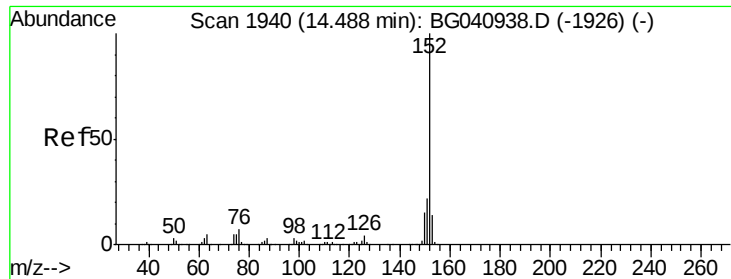
Abundance

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: 47.100 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

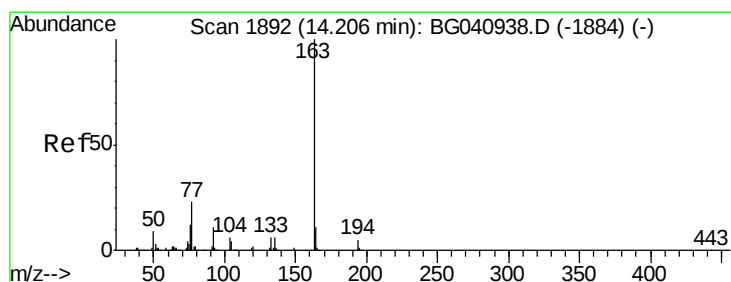
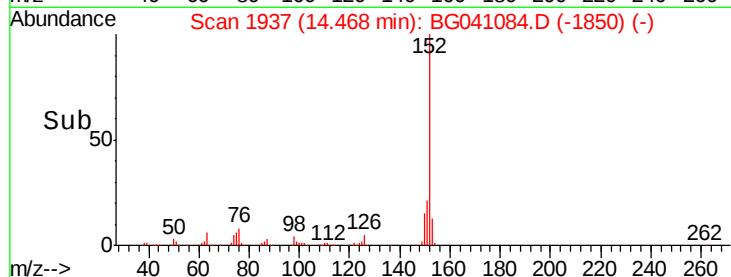
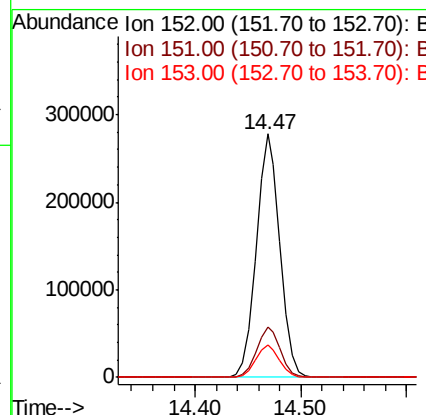
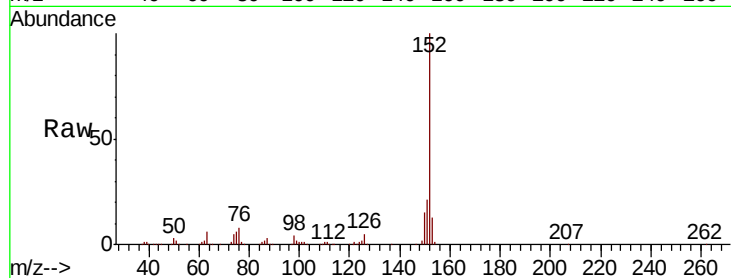
ClientSampleId :

PB120328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 430042 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.9  | 17.4  | 26.0   |
| 153       | 13.4  | 11.0  | 16.4   |

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#50

Dimethylphthalate

Concen: 44.193 ng

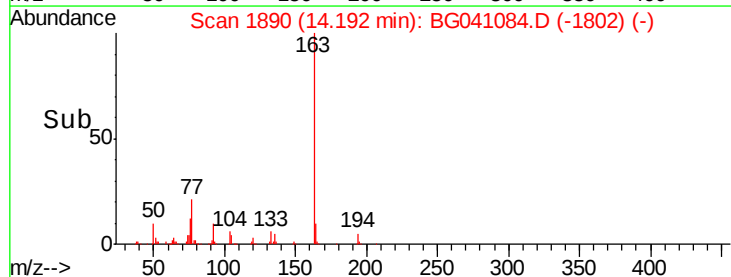
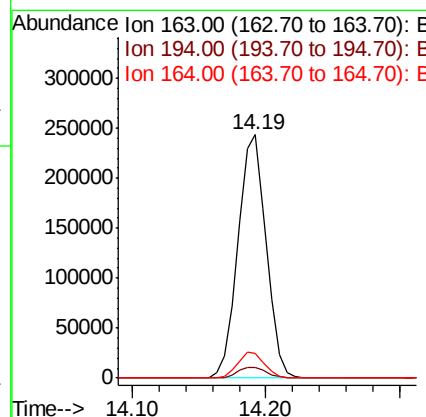
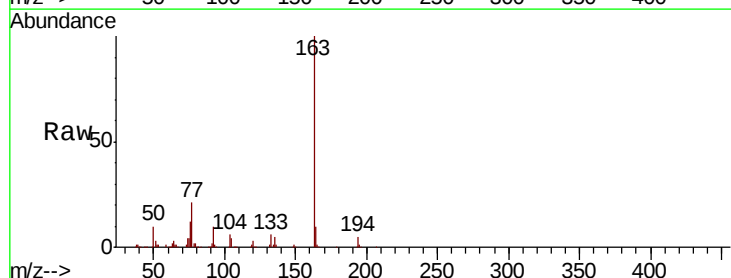
RT: 14.19 min Scan# 1890

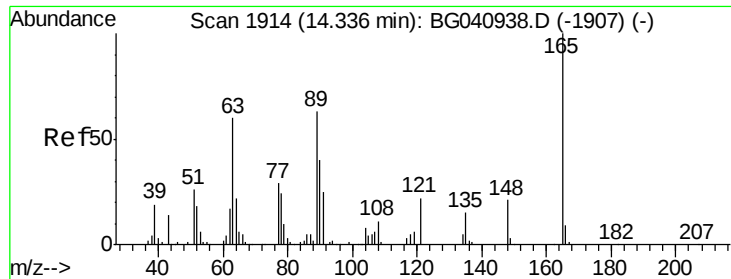
Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 357132 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.8   | 5.8    |
| 164       | 10.4  | 8.7   | 13.1   |





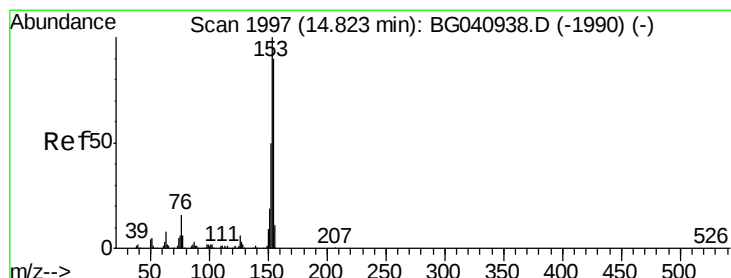
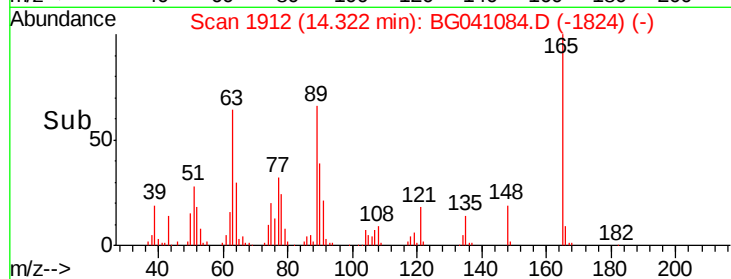
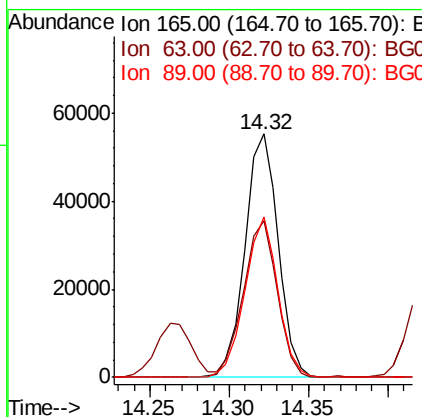
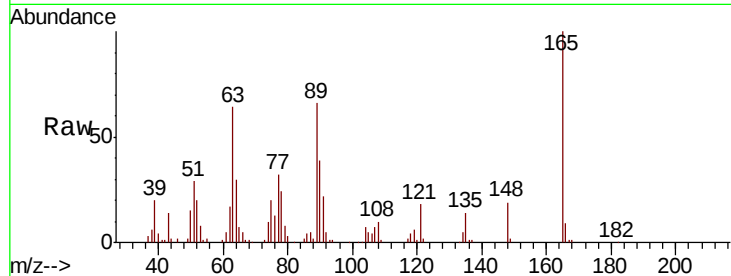
#51  
 2,6-Dinitrotoluene  
 Concen: 46.124 ng  
 RT: 14.32 min Scan# 1912  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 64.3  | 53.6  | 80.4  |
| 89      | 65.9  | 50.4  | 75.6  |

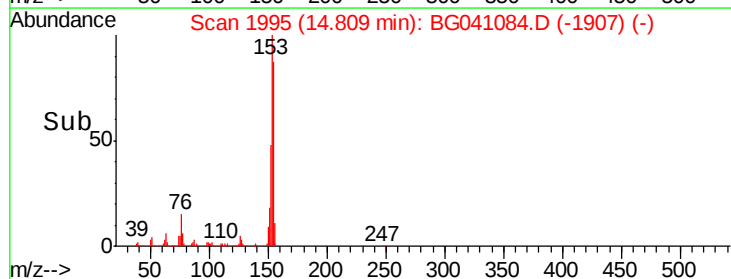
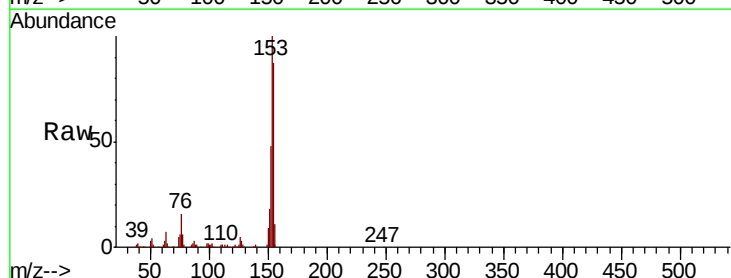
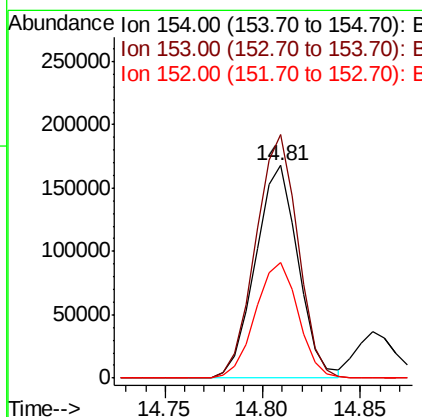
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#52  
 Acenaphthene  
 Concen: 46.066 ng  
 RT: 14.81 min Scan# 1995  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.6 | 88.6  | 133.0 |
| 152     | 54.5  | 44.2  | 66.4  |





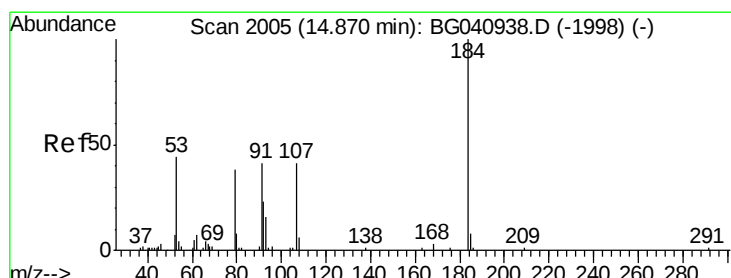
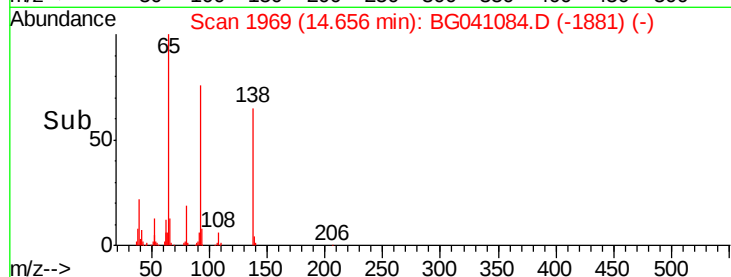
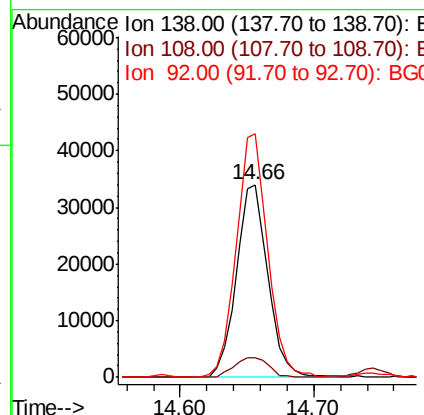
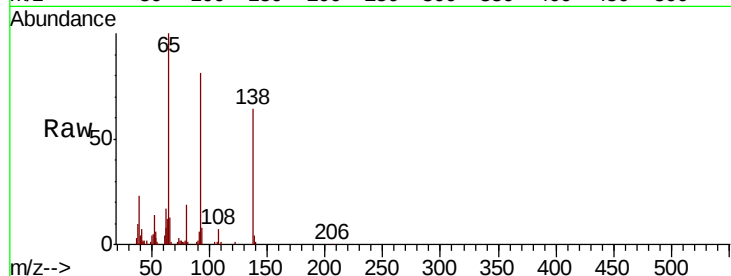
#53  
3-Nitroaniline  
Concen: 32.005 ng  
RT: 14.66 min Scan# 1969  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.4  | 8.5   | 12.7  |
| 92      | 126.4 | 99.0  | 148.6 |

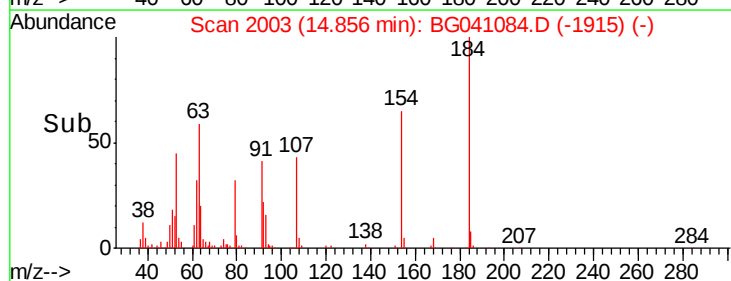
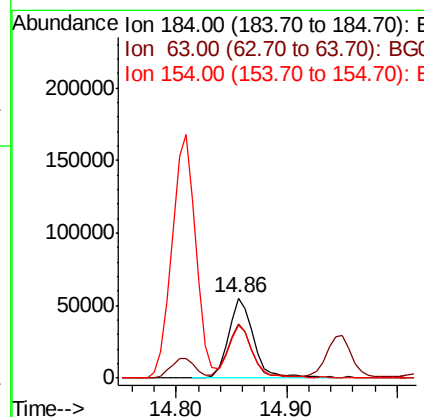
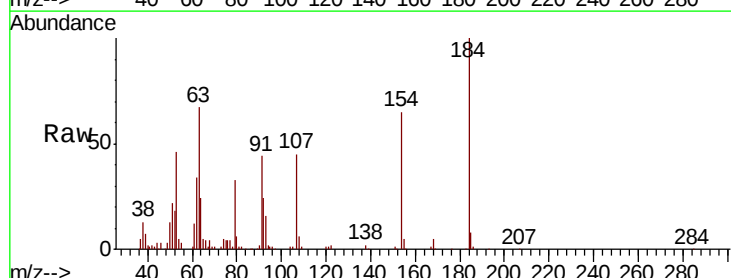
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#54  
2,4-Dinitrophenol  
Concen: 91.488 ng  
RT: 14.86 min Scan# 2003  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 67.4  | 49.8  | 74.6  |
| 154     | 65.5  | 52.2  | 78.4  |





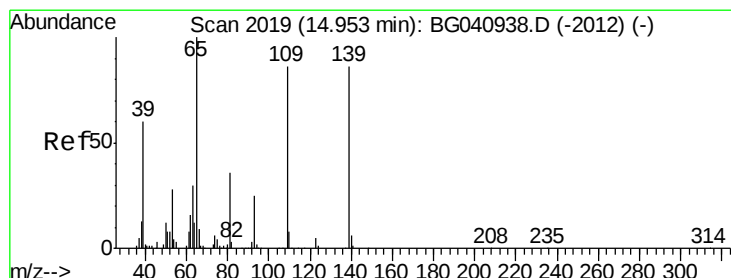
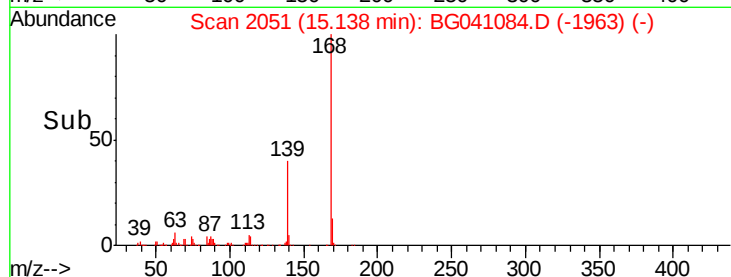
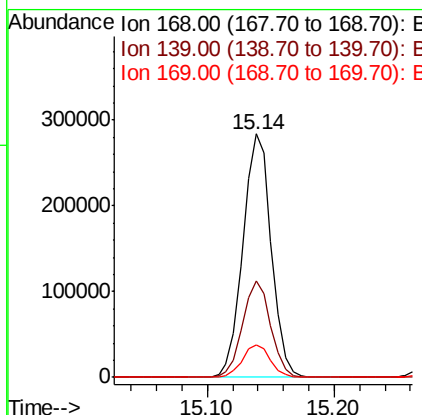
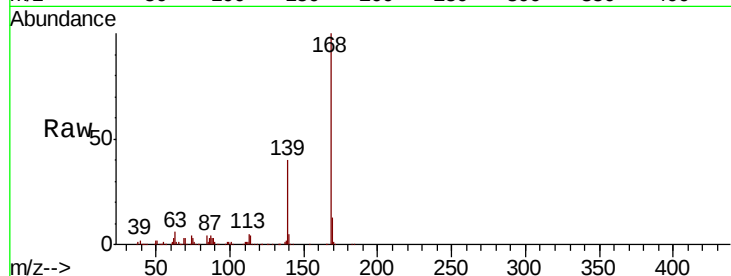
#55  
Dibenzofuran  
Concen: 46.903 ng  
RT: 15.14 min Scan# 2051  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.6  | 32.8  | 49.2  |
| 169     | 13.4  | 11.3  | 16.9  |

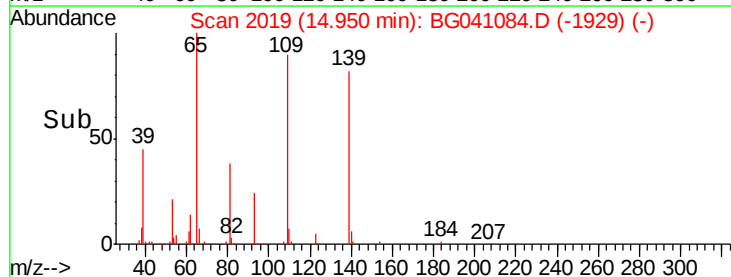
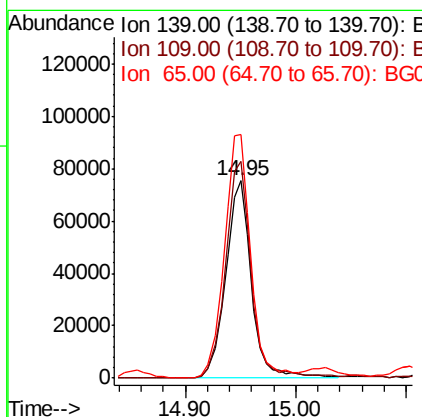
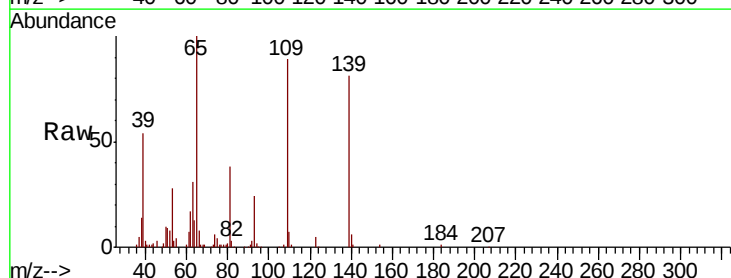
Manual Integrations  
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#56  
4-Nitrophenol  
Concen: 102.453 ng  
RT: 14.95 min Scan# 2019  
Delta R.T. -0.00 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 110.0 | 79.6  | 119.6 |
| 65      | 123.6 | 96.9  | 136.9 |





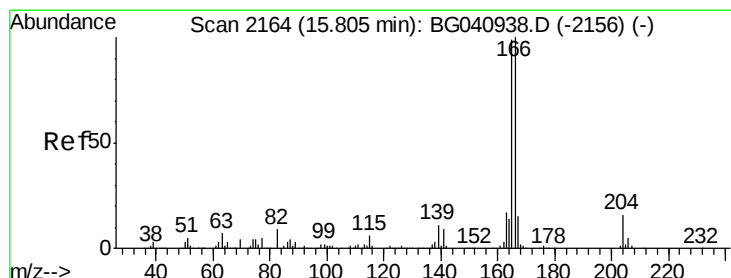
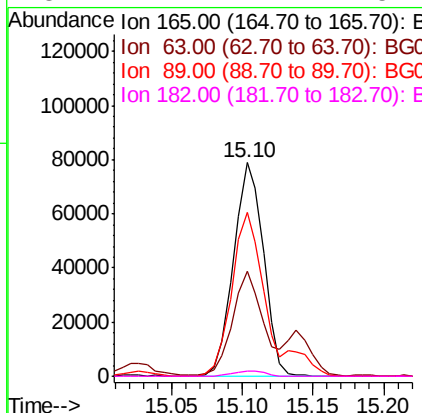
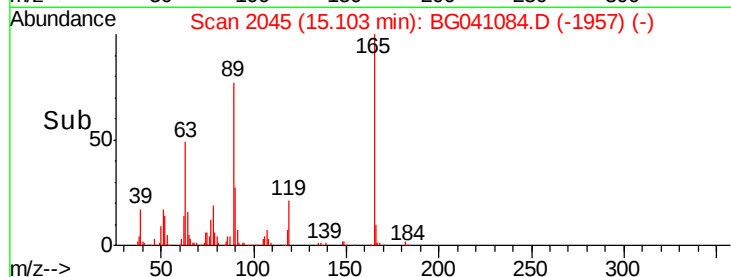
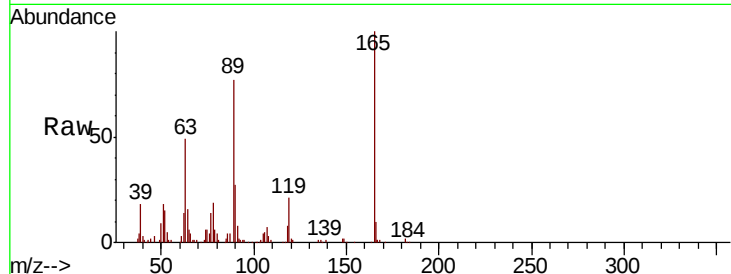
#57  
2,4-Dinitrotoluene  
Concen: 47.439 ng  
RT: 15.10 min Scan# 2045  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 116758 |       |       |
| 63      | 49.1  |        | 37.3  | 55.9  |
| 89      | 77.0  |        | 61.0  | 91.6  |
| 182     | 2.4   |        | 2.2   | 3.2   |

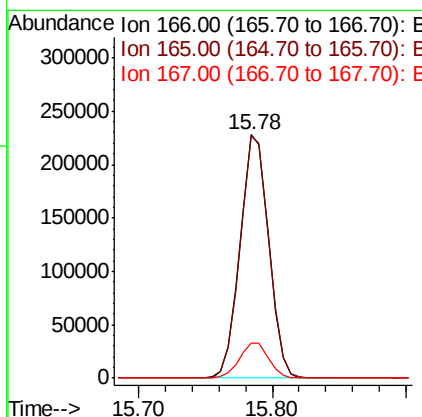
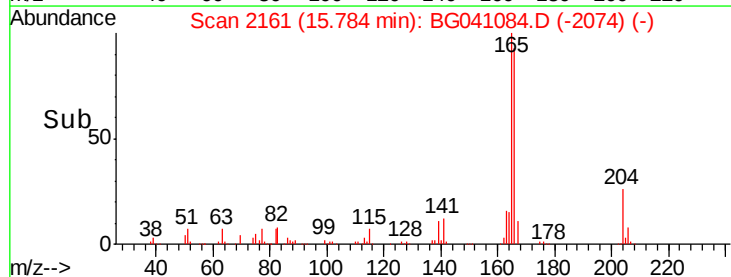
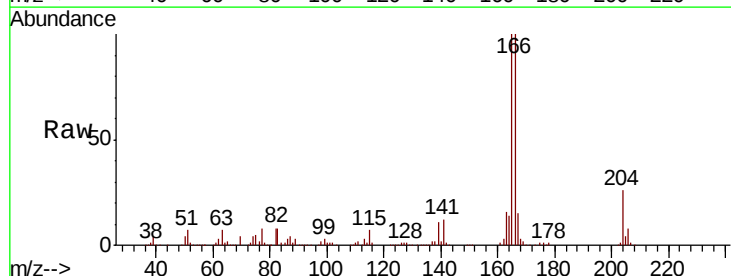
Manual Integrations  
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#58  
Fluorene  
Concen: 45.529 ng  
RT: 15.78 min Scan# 2161  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 337461 |       |       |
| 165     | 99.8  |        | 79.2  | 118.8 |
| 167     | 14.6  |        | 11.8  | 17.6  |





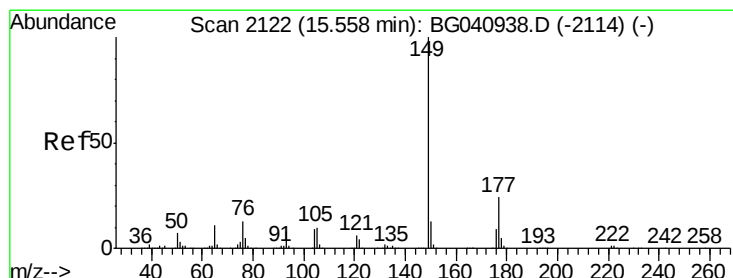
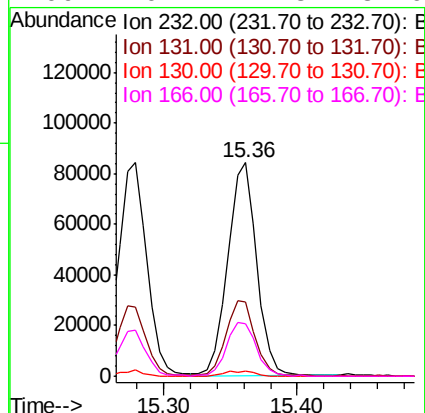
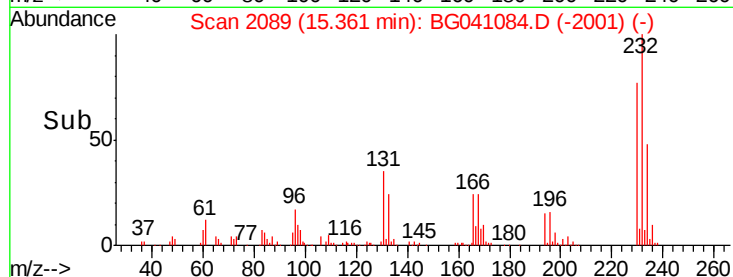
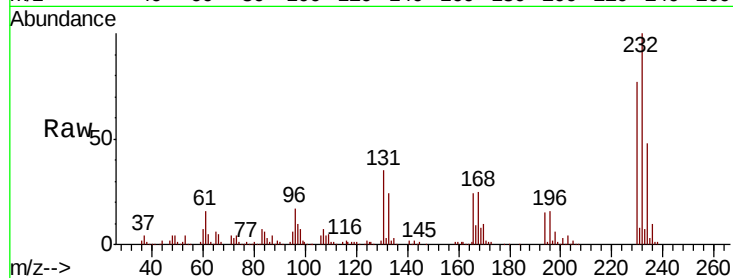
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.617 ng  
 RT: 15.36 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 36.4  | 30.3  | 45.5  |
| 130     | 2.4   | 1.8   | 2.8   |
| 166     | 26.2  | 21.3  | 31.9  |

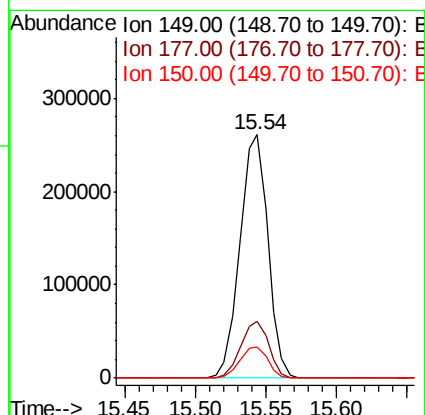
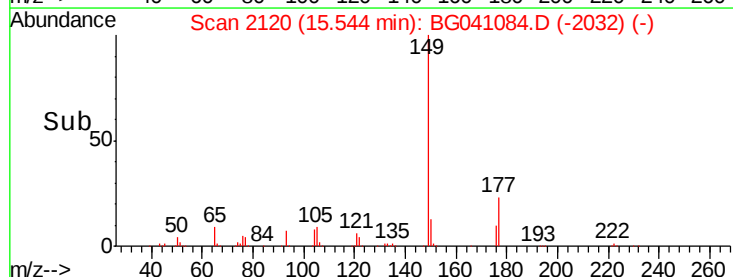
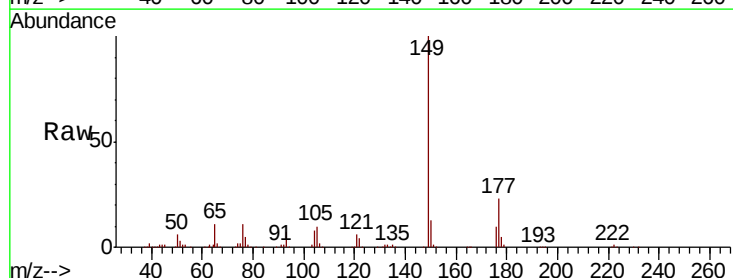
Manual Integrations  
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#60  
 Diethylphthalate  
 Concen: 43.721 ng  
 RT: 15.54 min Scan# 2120  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.3  | 19.4  | 29.0  |
| 150     | 12.8  | 10.3  | 15.5  |





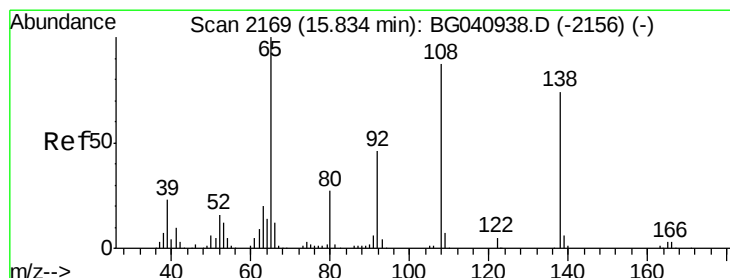
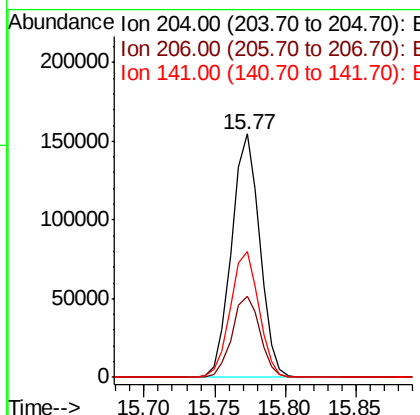
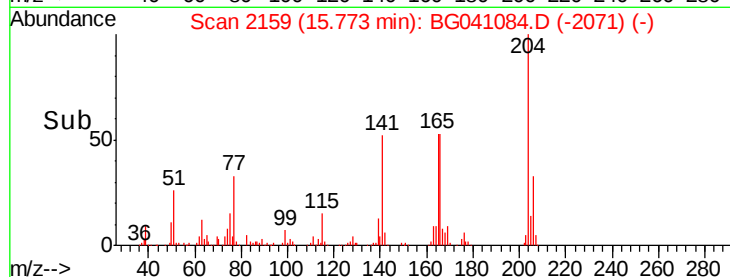
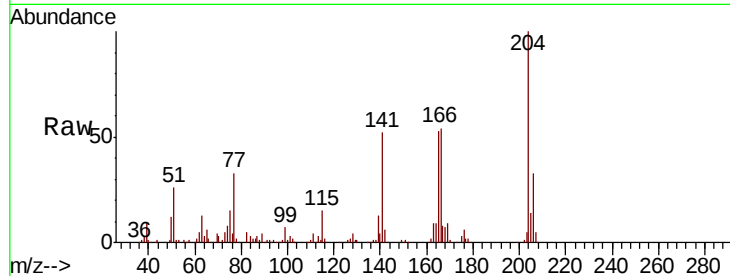
#61  
4-Chlorophenyl-phenylether  
Concen: 44.615 ng  
RT: 15.77 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 27.6  | 41.4  |
| 141     | 51.7  | 45.1  | 67.7  |

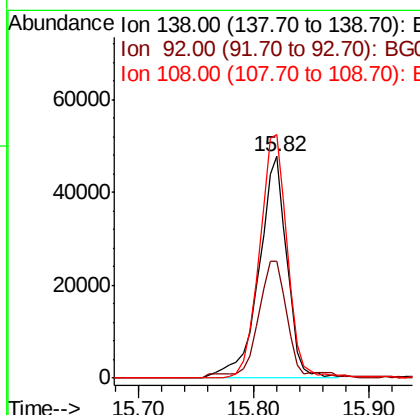
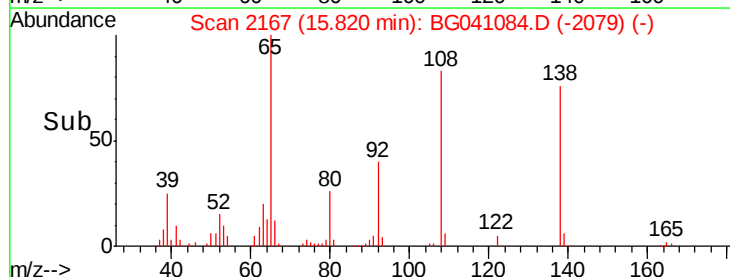
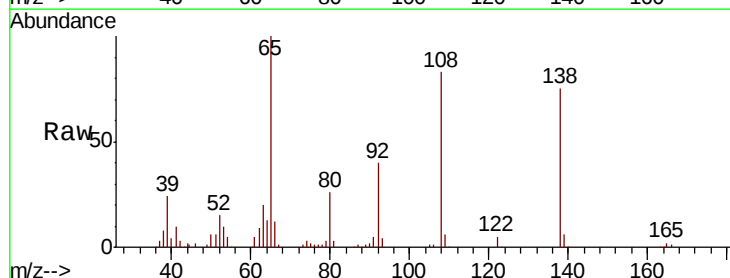
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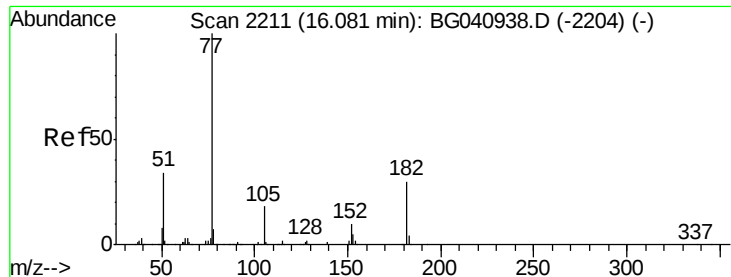
mohammad  
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#62  
4-Nitroaniline  
Concen: 43.829 ng  
RT: 15.82 min Scan# 2167  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.0  | 42.4  | 82.4  |
| 108     | 110.0 | 96.9  | 136.9 |





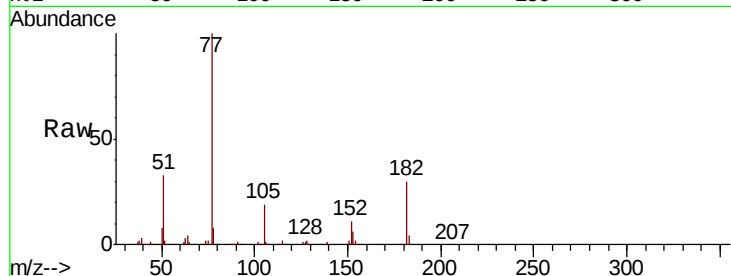
#63  
Azobenzene  
Concen: 44.962 ng  
RT: 16.07 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

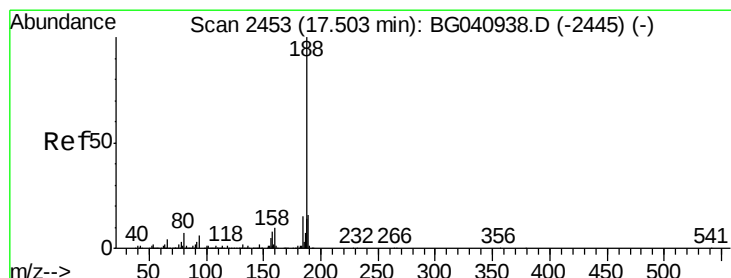
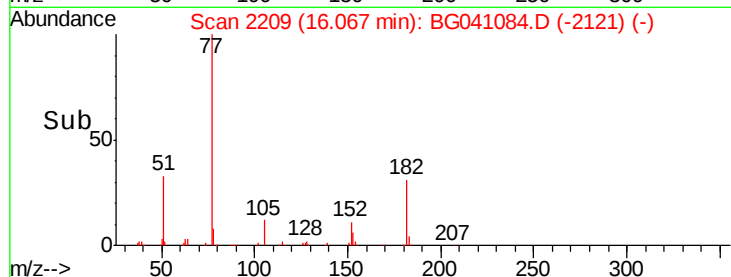
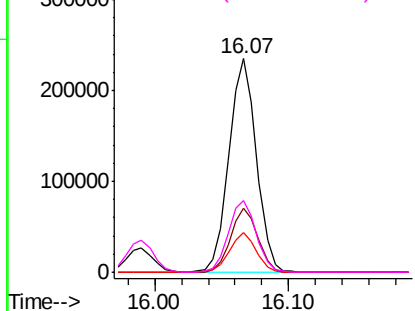
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 30.0 | 9.6   | 49.6  |       |
| 105     | 18.8 | 0.0   | 37.5  |       |
| 51      | 33.4 | 13.7  | 53.7  |       |

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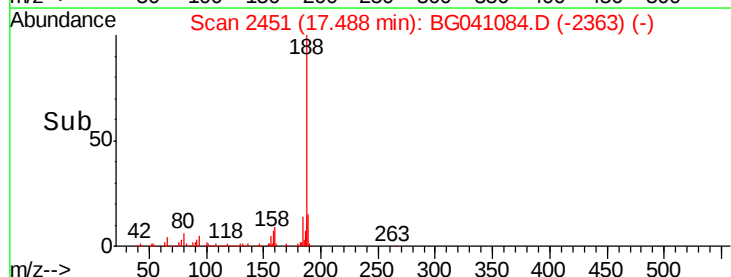
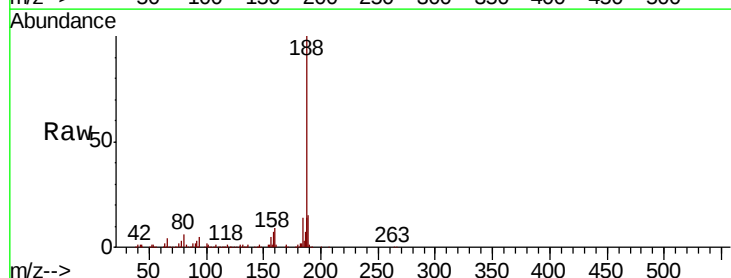
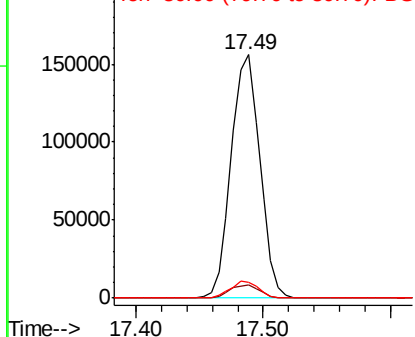
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.49 min Scan# 2451  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 5.5 | 4.7   | 7.1   |       |
| 80      | 6.5 | 5.8   | 8.8   |       |

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





#65

4,6-Dinitro-2-methylphenol

Concen: 51.658 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

Tot Ion:198 Resp: 68679

Ion Ratio Lower Upper

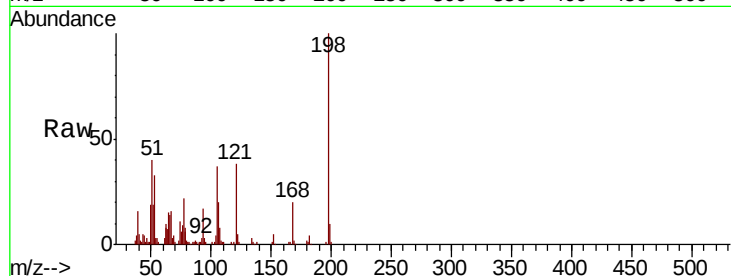
198 100

51 39.8 21.6 61.6

105 36.5 17.5 57.5

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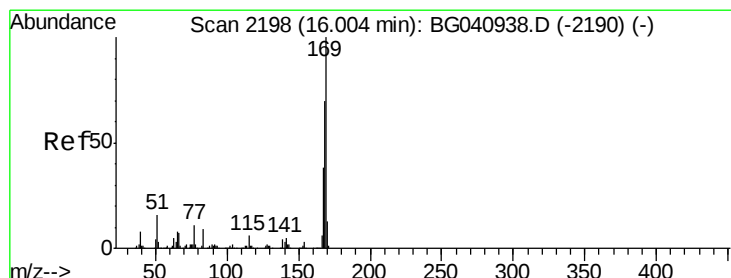
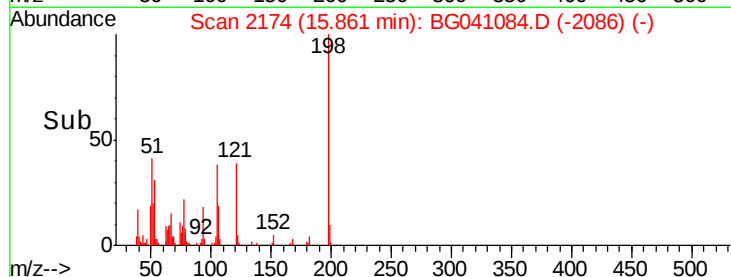
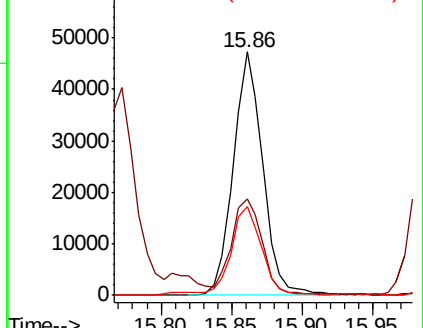
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.317 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

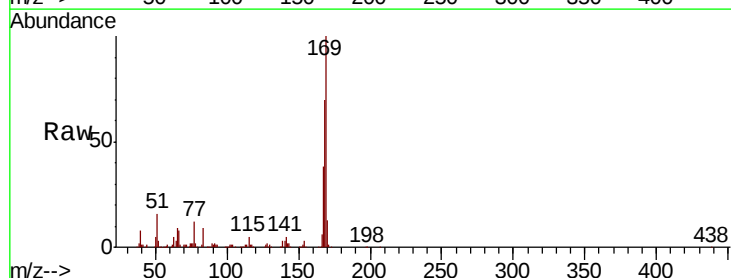
Tgt Ion:169 Resp: 311264

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

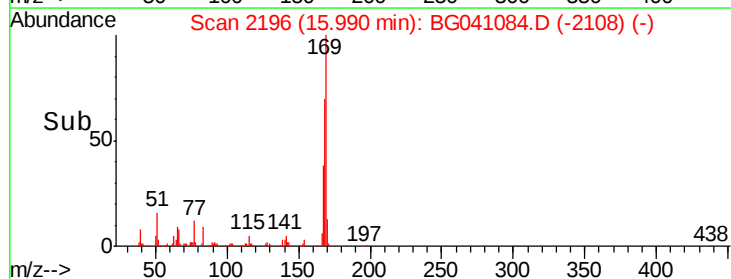
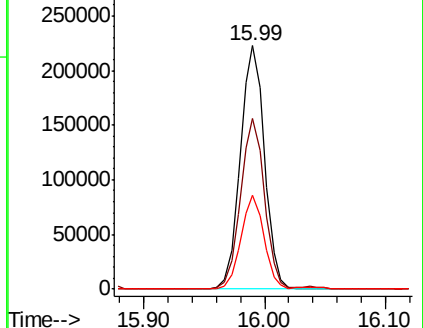
167 38.4 30.2 45.2

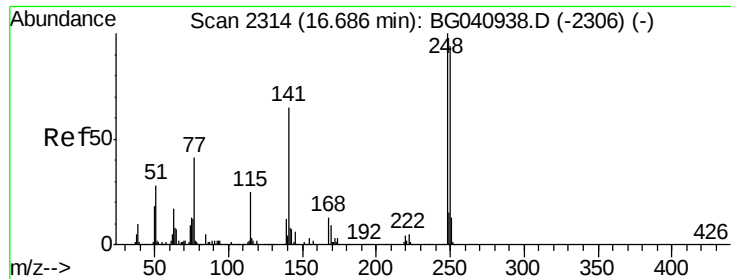


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





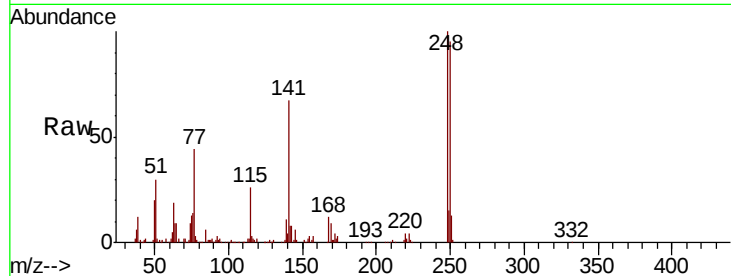
#67  
4-Bromophenyl-phenylether  
Concen: 41.828 ng  
RT: 16.67 min Scan# 2311  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampled :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.2  | 75.0  | 112.4 |
| 141     | 66.8  | 52.4  | 78.6  |

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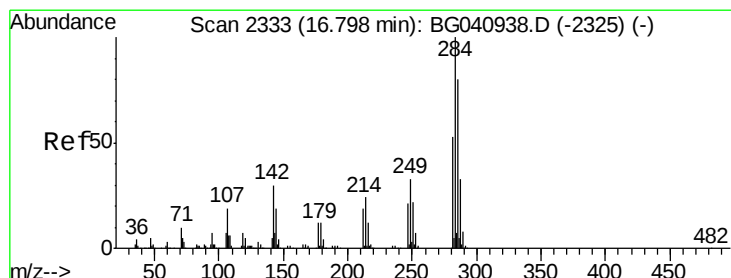
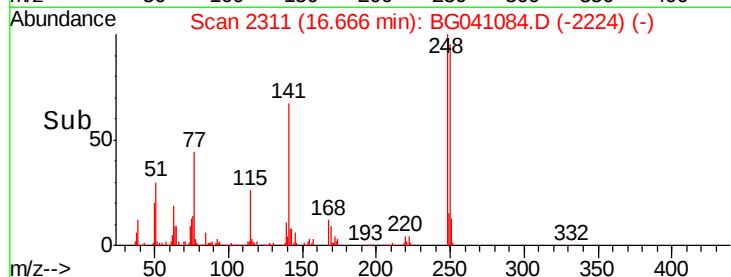
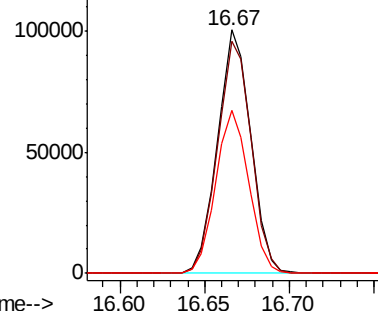


Abundance

Ion 248.00 (247.70 to 248.70): E

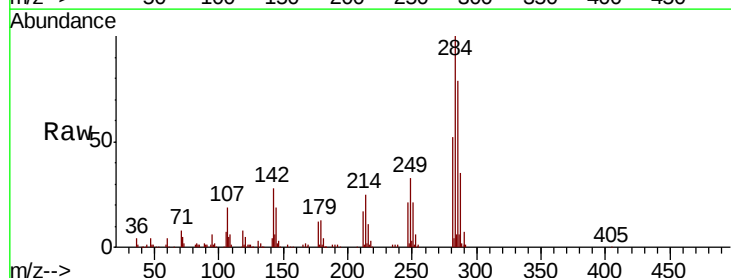
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 41.695 ng  
RT: 16.78 min Scan# 2331  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.8  | 23.9  | 35.9  |
| 249     | 33.3  | 26.8  | 40.2  |

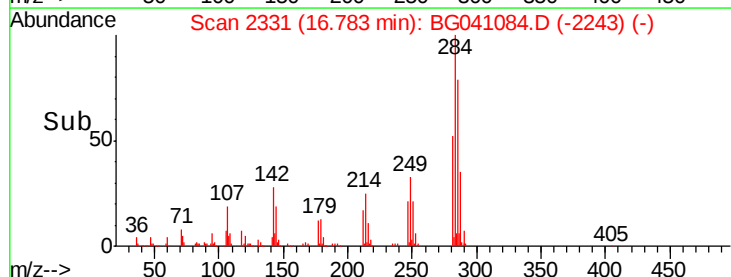
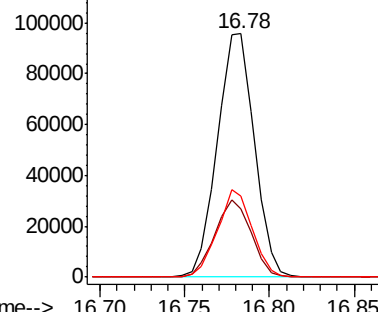


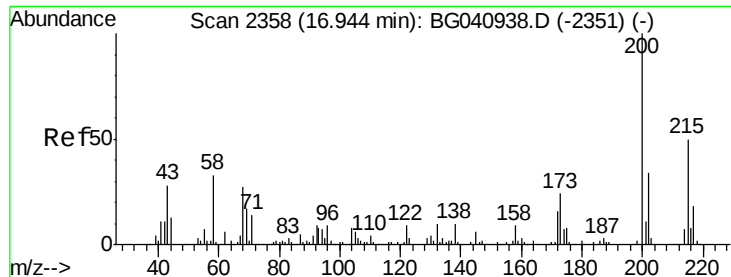
Abundance

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





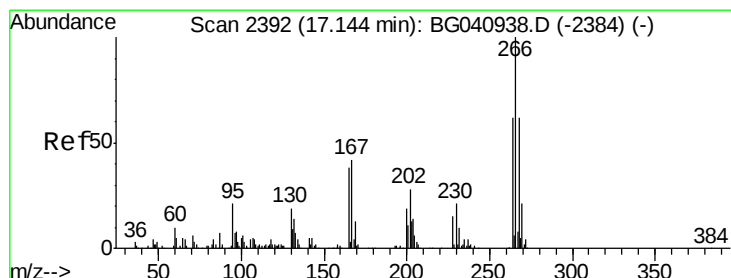
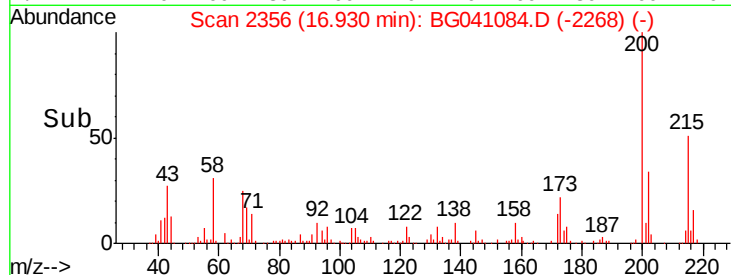
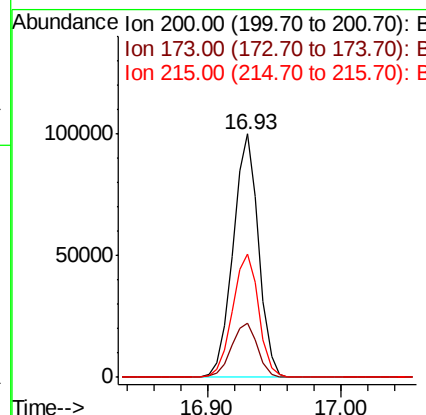
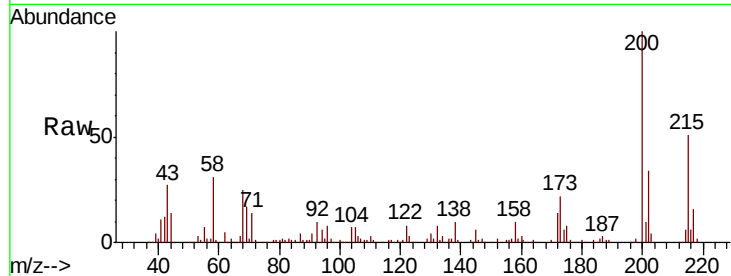
#69  
Atrazine  
Concen: 50.650 ng  
RT: 16.93 min Scan# 2356  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampled :  
PB120328BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 22.5  | 3.6        | 43.6  |
| 215     | 50.7  | 29.6       | 69.6  |

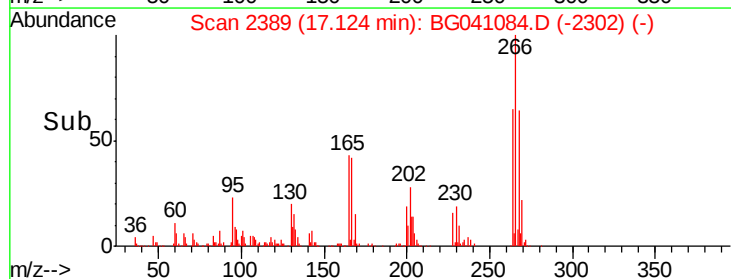
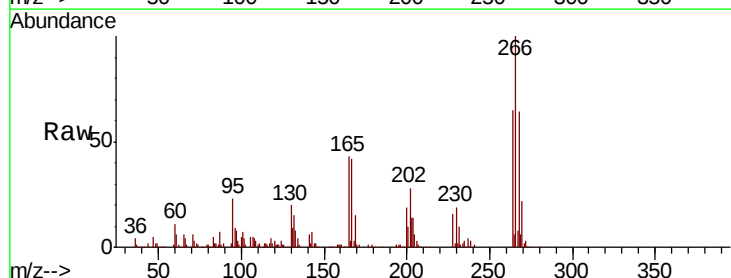
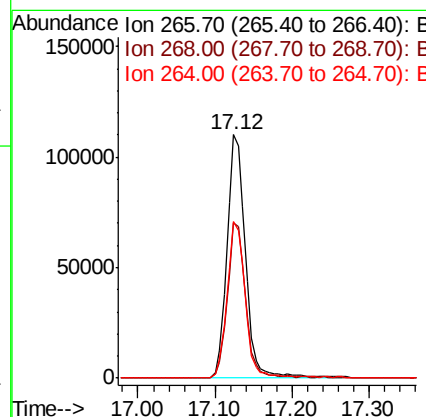
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#70  
Pentachlorophenol  
Concen: 96.908 ng  
RT: 17.12 min Scan# 2389  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.9  | 53.1       | 79.7  |
| 264     | 64.6  | 49.9       | 74.9  |





#71

Phenanthrene

Concen: 46.506 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

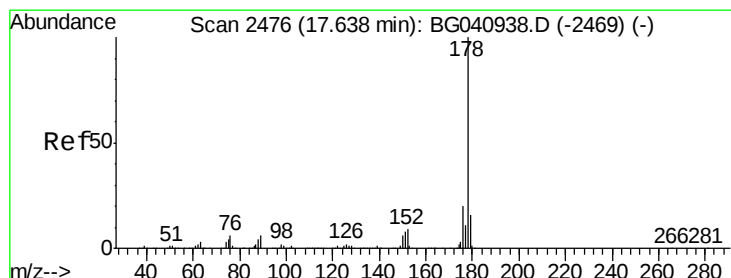
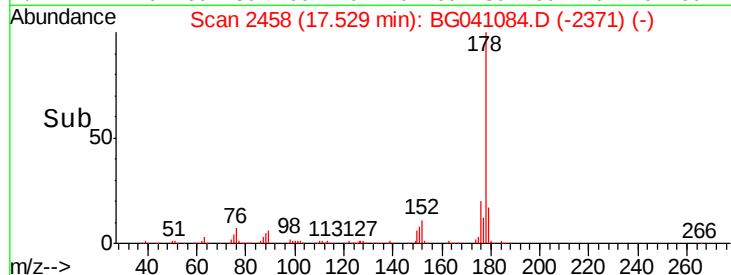
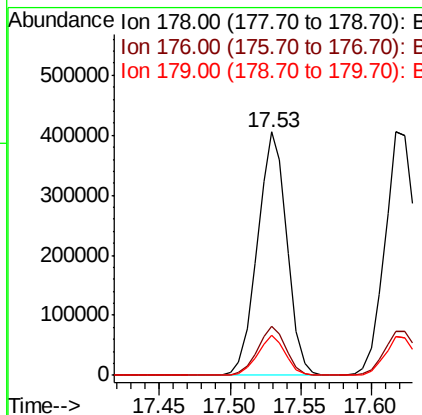
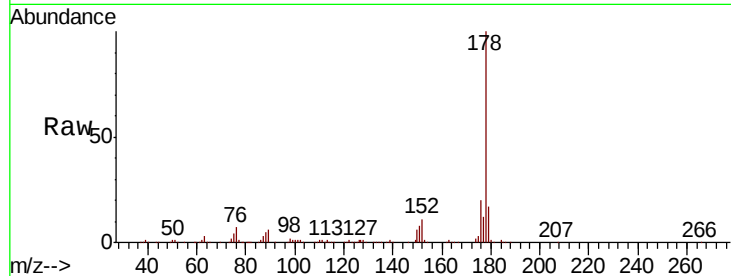
ClientSampleId :

PB120328BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 591879 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.9  | 15.5  | 23.3   |
| 179       | 16.6  | 12.7  | 19.1   |

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#72

Anthracene

Concen: 49.201 ng

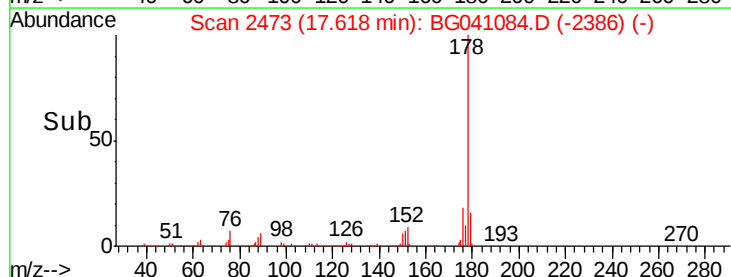
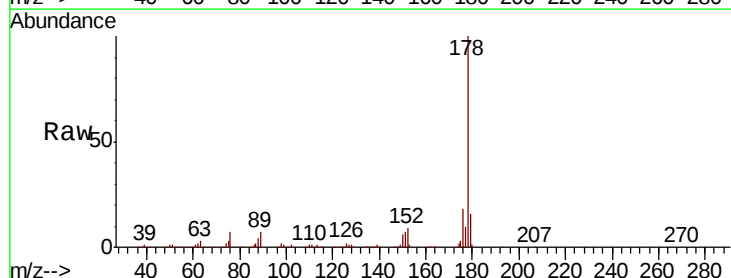
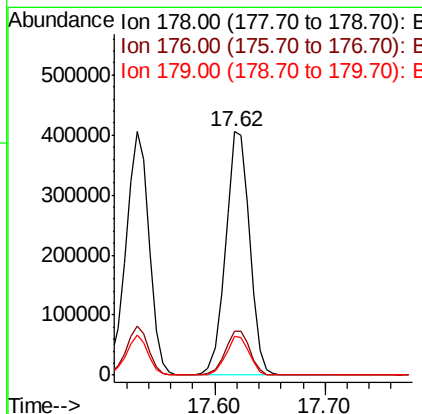
RT: 17.62 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 617584 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 17.9  | 15.6  | 23.4   |
| 179       | 15.8  | 13.0  | 19.4   |





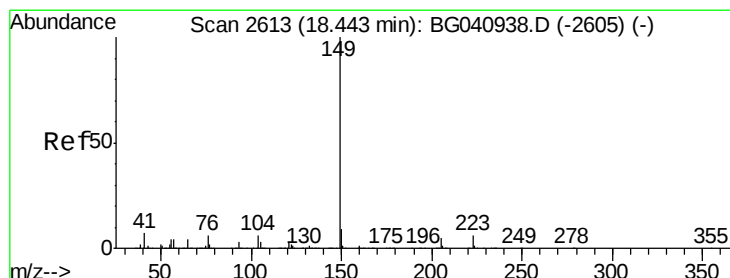
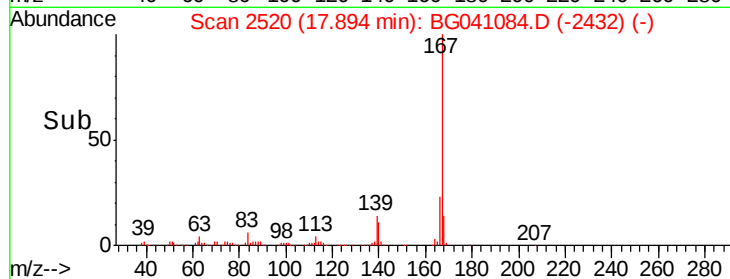
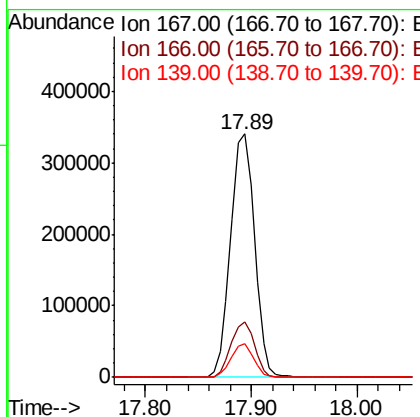
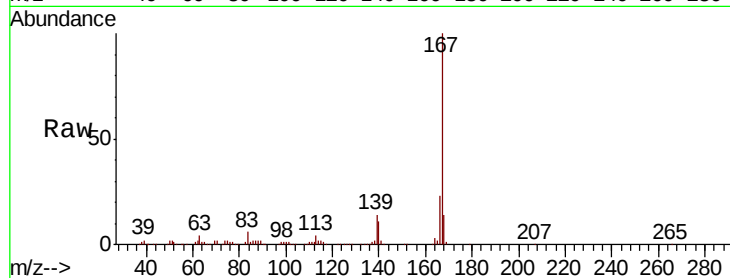
#73  
 Carbazole  
 Concen: 49.685 ng  
 RT: 17.89 min Scan# 2520  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.2  | 27.4  |
| 139     | 13.7  | 10.8  | 16.2  |

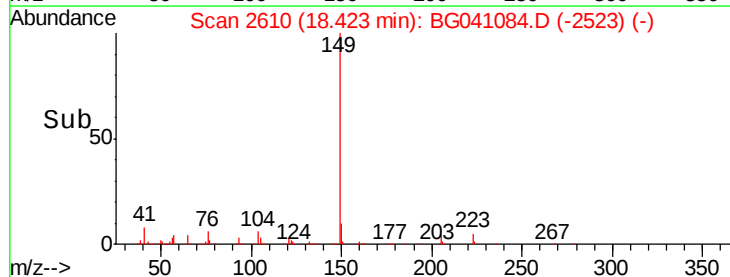
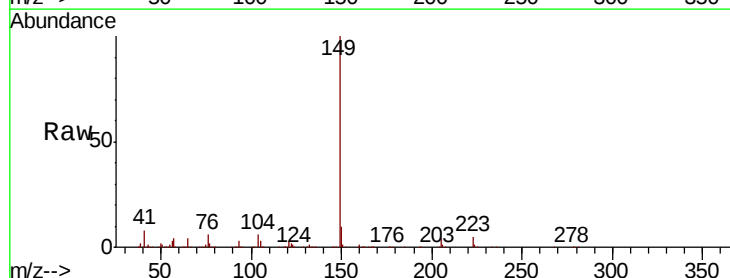
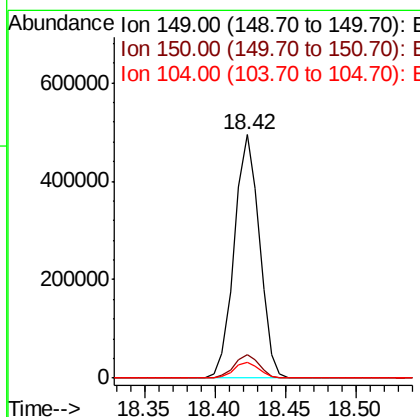
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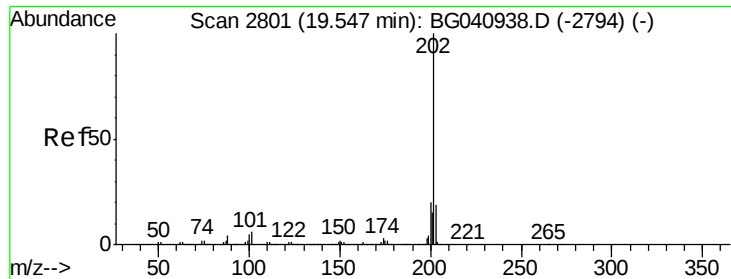
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#74  
 Di-n-butylphthalate  
 Concen: 45.883 ng  
 RT: 18.42 min Scan# 2610  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.4   | 11.2  |
| 104     | 6.3   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 51.468 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

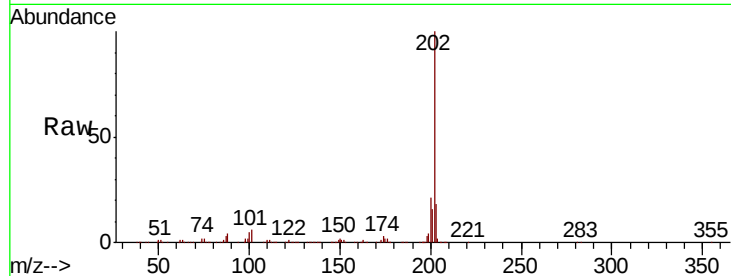
ClientSampleId :

PB120328BS

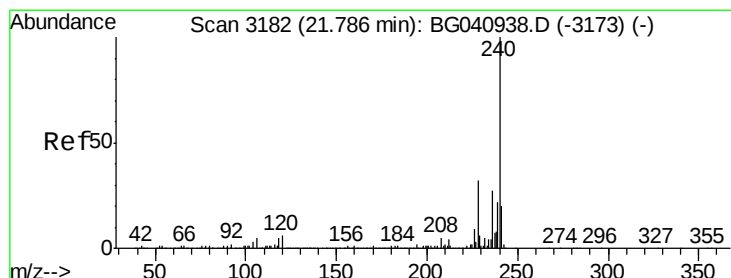
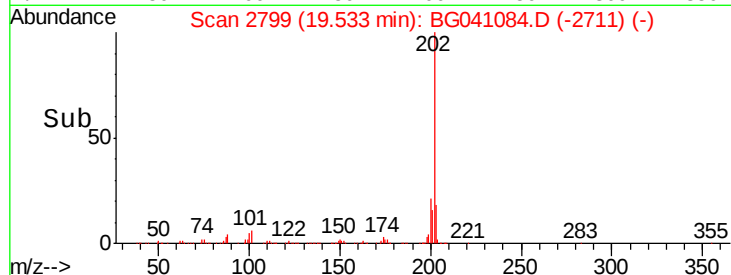
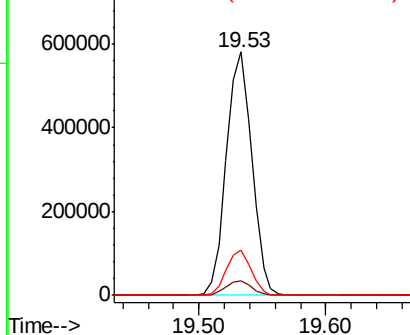
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 809076 |       |       |
| 101     | 5.8  | 0.0   | 26.2   |       |       |
| 203     | 18.3 | 0.0   | 38.7   |       |       |

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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

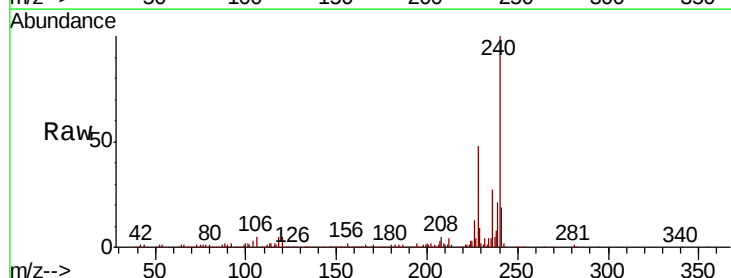
RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

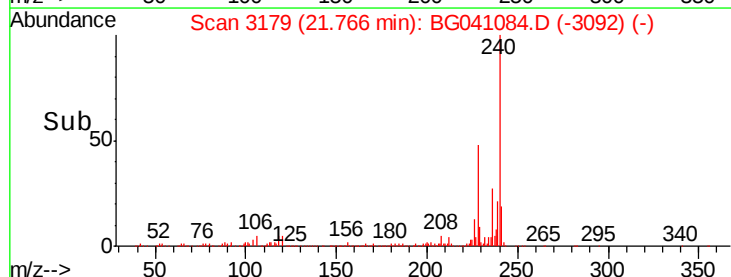
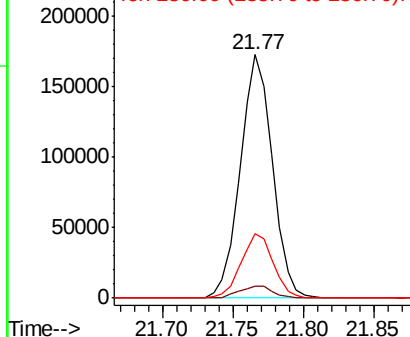
Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 240     | 100  |       | 273395 |       |       |
| 120     | 4.9  | 4.5   | 6.7    |       |       |
| 236     | 26.7 | 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: 43.876 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

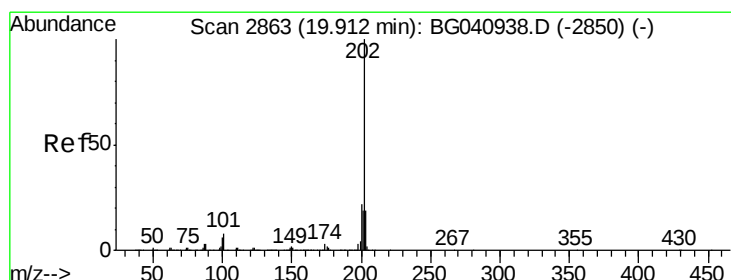
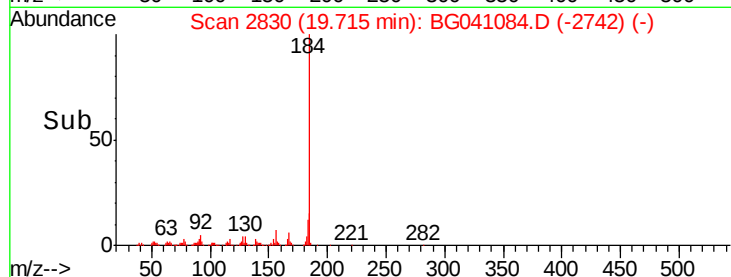
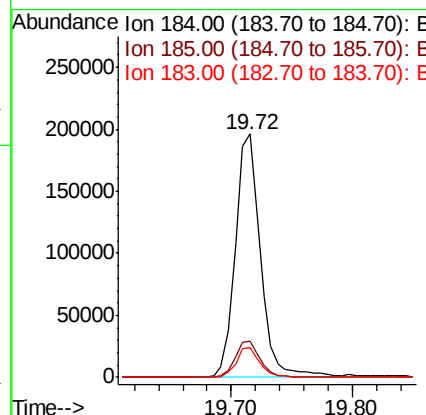
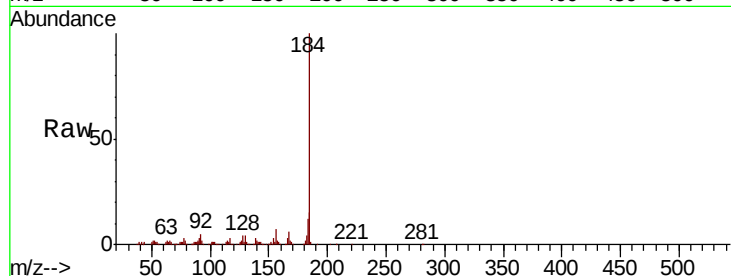
ClientSampled :

PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.9  | 13.3  | 19.9  |
| 183     | 12.3  | 10.7  | 16.1  |

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#78

Pyrene

Concen: 45.805 ng

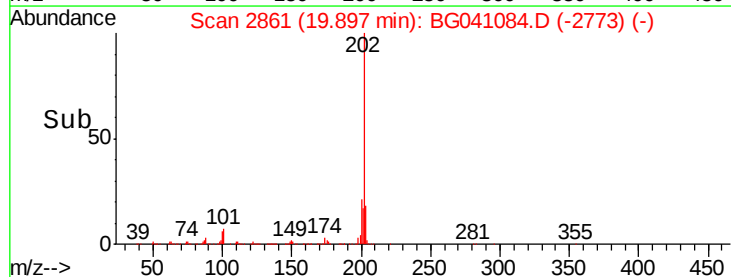
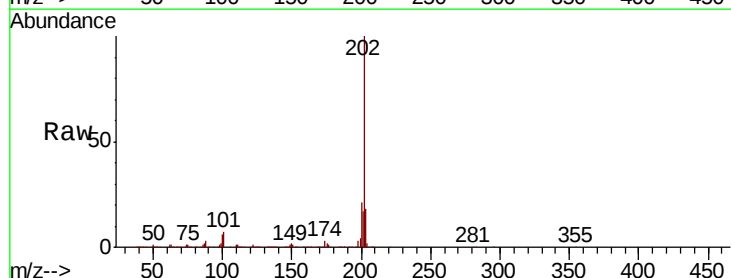
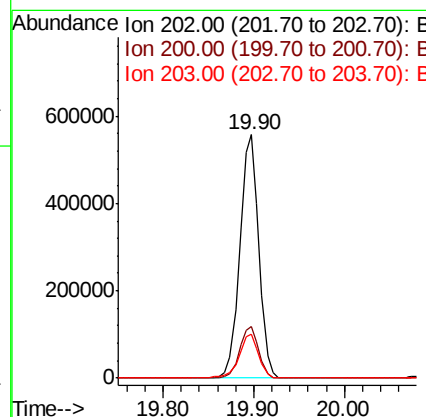
RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 17.5  | 26.3  |
| 203     | 18.1  | 15.6  | 23.4  |





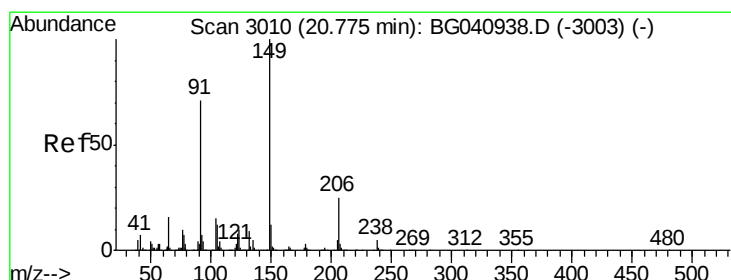
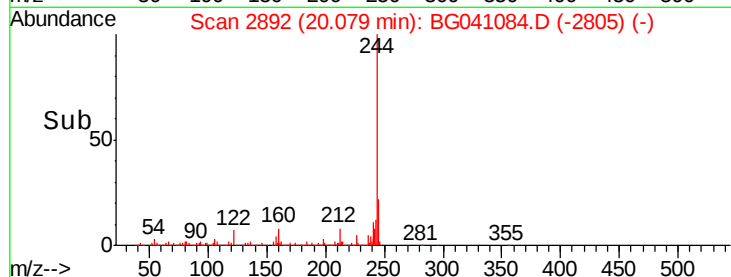
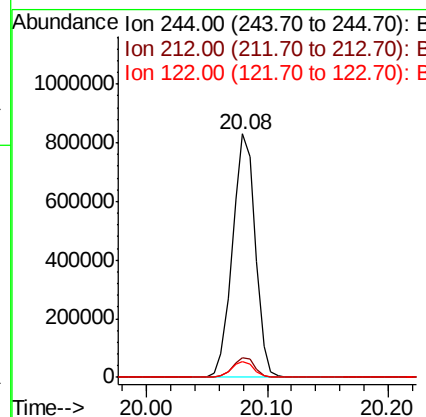
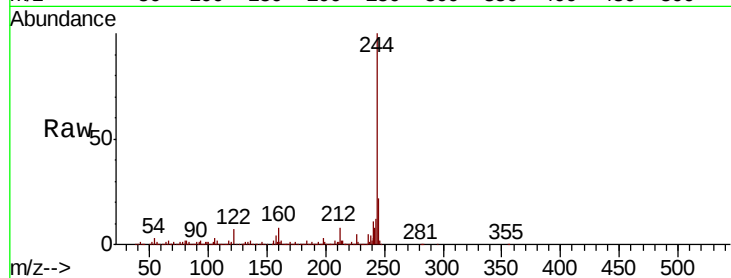
#79  
 Terphenyl-d14  
 Concen: 84.490 ng  
 RT: 20.08 min Scan# 2892  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 7.0   | 10.4  |
| 122     | 6.6   | 5.4   | 8.0   |

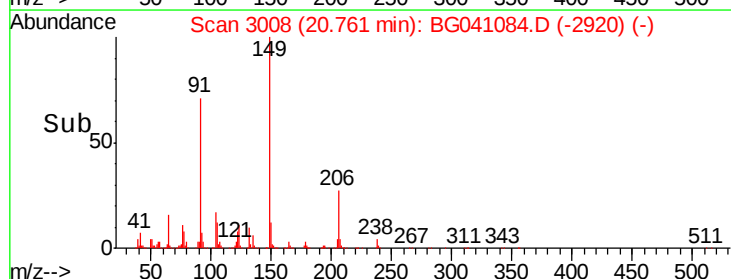
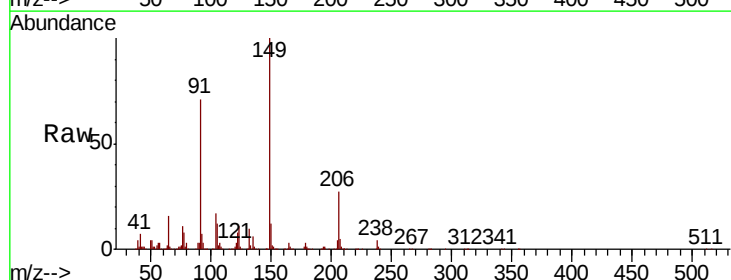
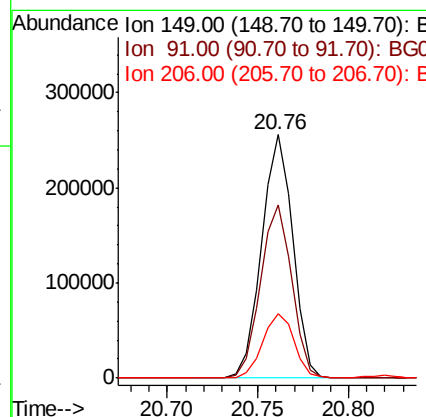
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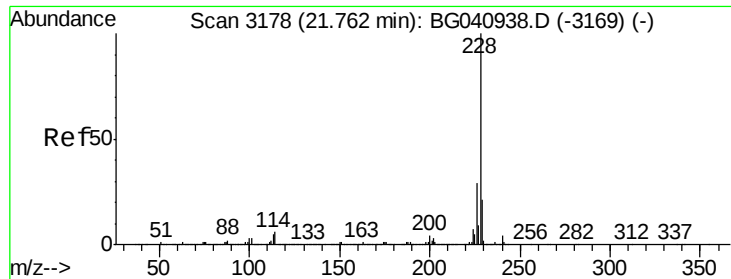
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#80  
 Butylbenzylphthalate  
 Concen: 44.166 ng  
 RT: 20.76 min Scan# 3008  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.4  | 56.5  | 84.7  |
| 206     | 26.7  | 20.3  | 30.5  |





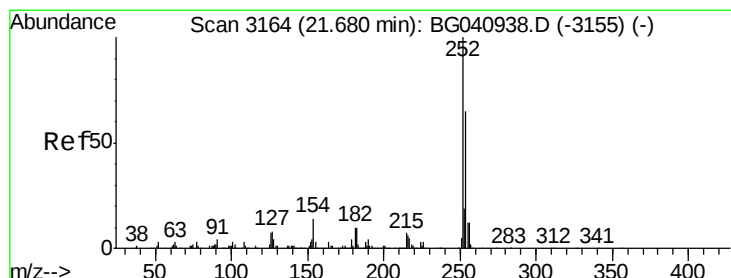
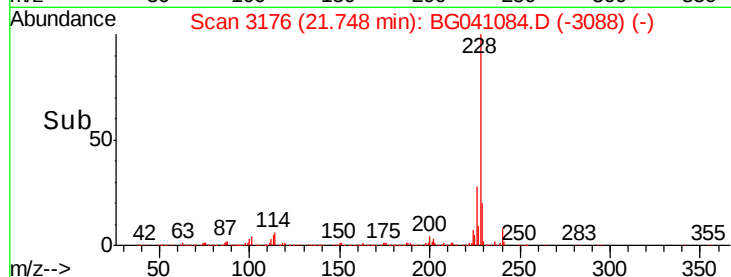
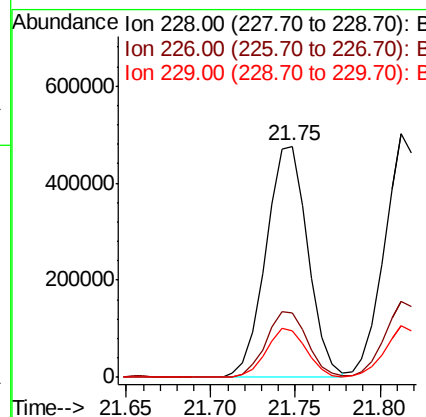
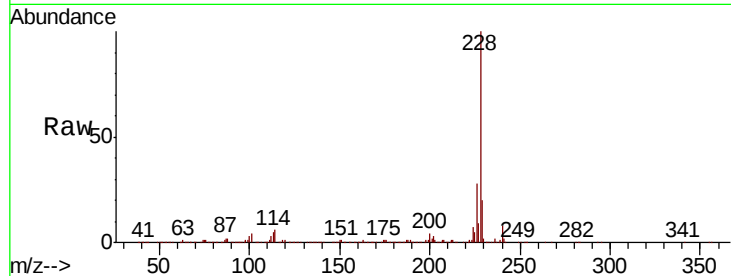
#81  
Benzo(a)anthracene  
Concen: 45.101 ng  
RT: 21.75 min Scan# 3176  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.1  | 23.5  | 35.3  |
| 229     | 20.2  | 16.7  | 25.1  |

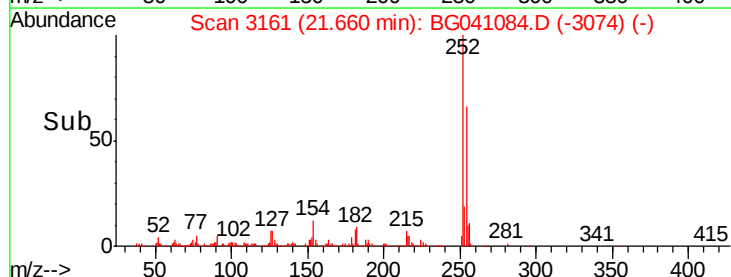
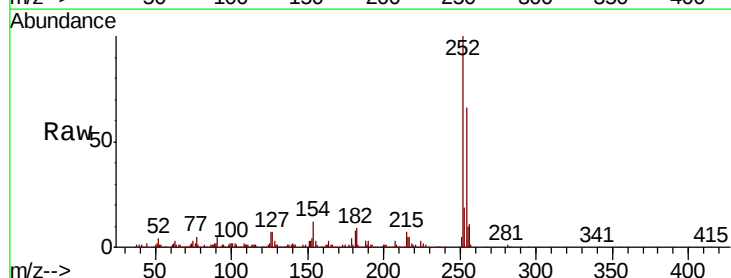
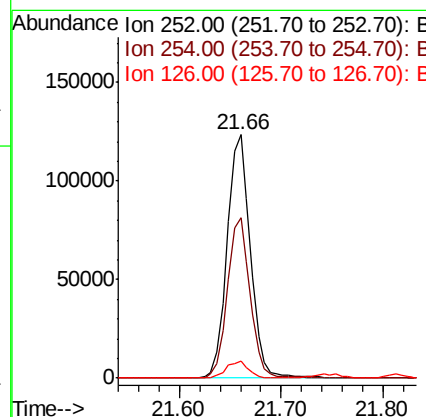
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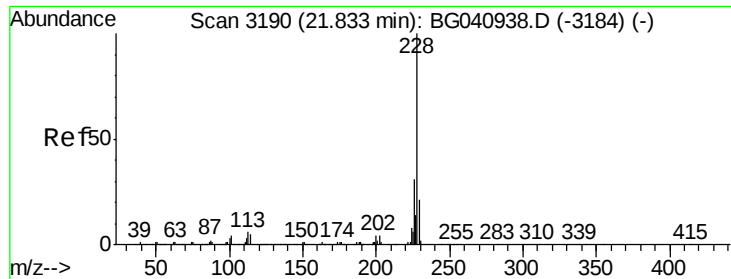
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#82  
3,3'-Dichlorobenzidine  
Concen: 30.635 ng  
RT: 21.66 min Scan# 3161  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.0  | 52.1  | 78.1  |
| 126     | 6.9   | 5.5   | 8.3   |





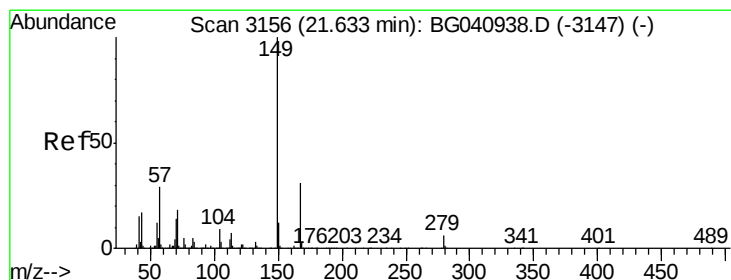
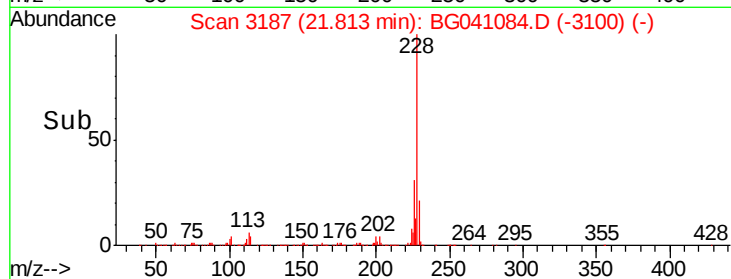
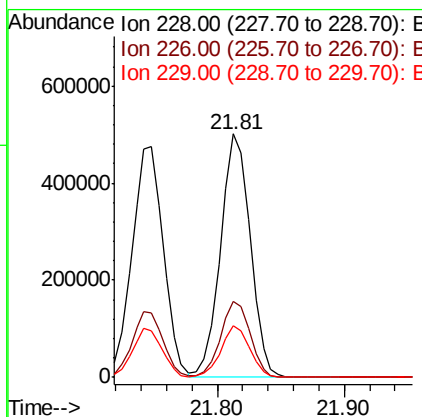
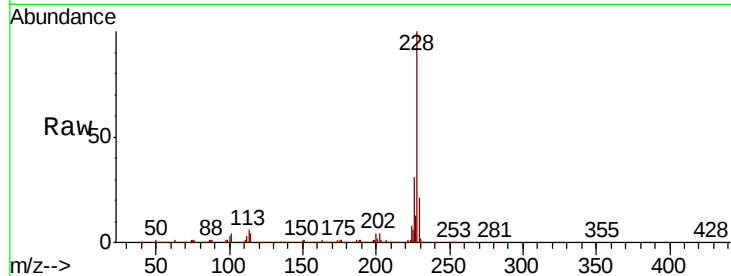
#83  
Chrysene  
Concen: 46.703 ng  
RT: 21.81 min Scan# 3187  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 24.6  | 37.0  |
| 229     | 21.2  | 16.6  | 24.8  |

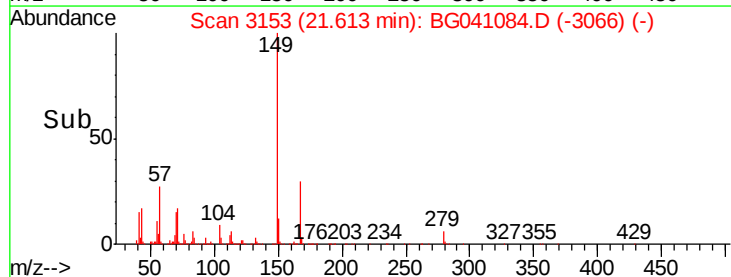
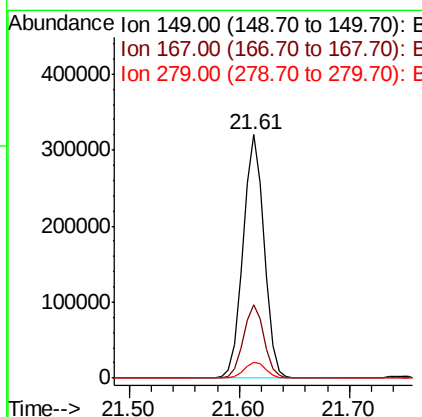
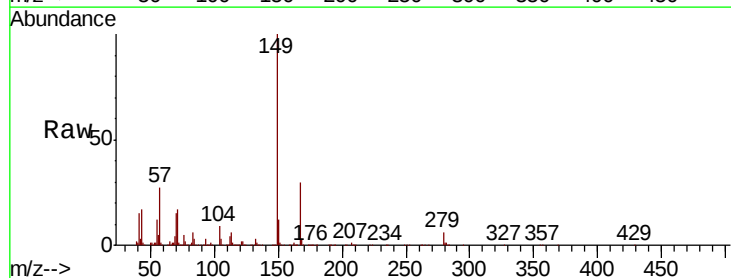
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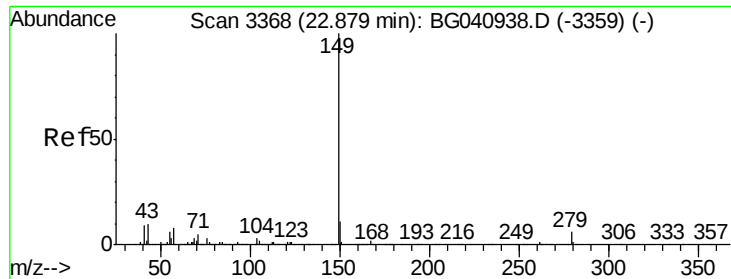
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.095 ng  
RT: 21.61 min Scan# 3153  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.2  | 24.6  | 37.0  |
| 279     | 6.5   | 5.0   | 7.6   |





#85

Di-n-octyl phthalate

Concen: 46.483 ng

RT: 22.85 min Scan# 3364

Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

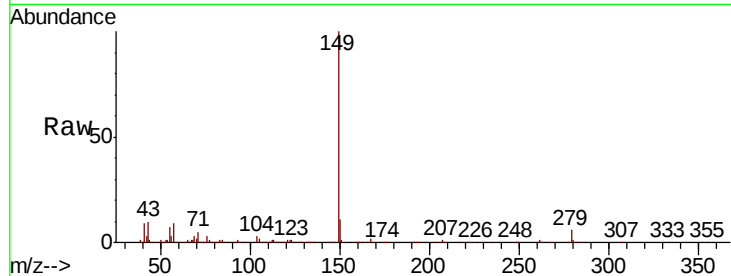
ClientSampleId :

PB120328BS

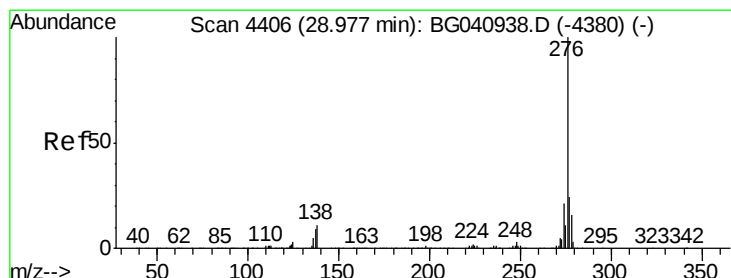
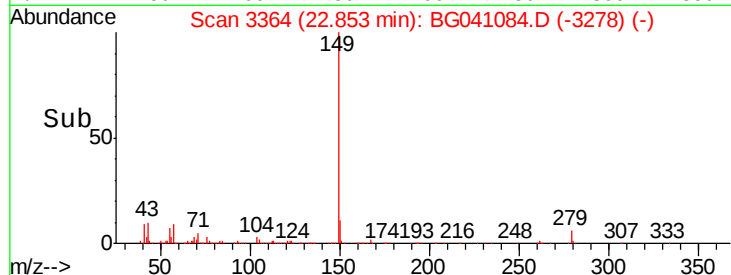
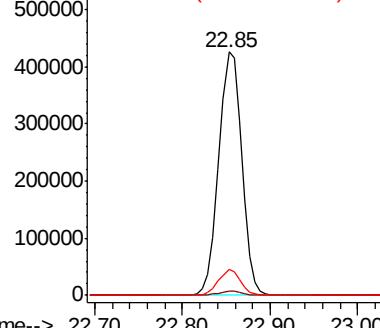
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 753726 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.0    |
| 43        | 9.9   | 8.1   | 12.1   |

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6/7/2019 2:12:50 PM



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: 46.623 ng

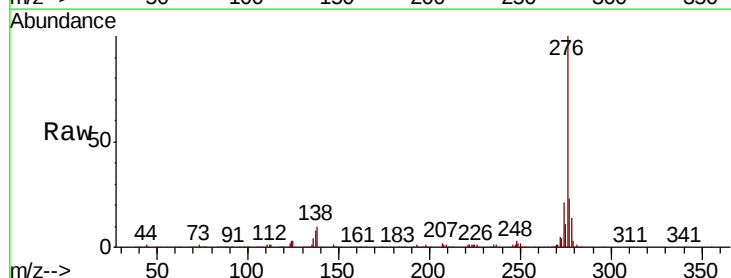
RT: 28.93 min Scan# 4398

Delta R.T. -0.05 min

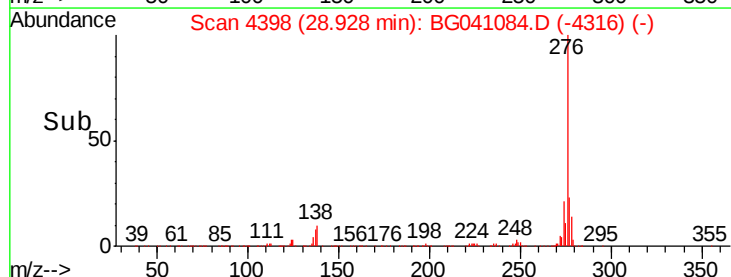
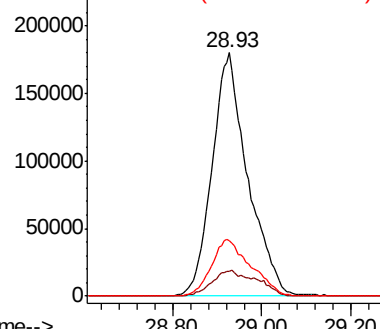
Lab File: BG041084.D

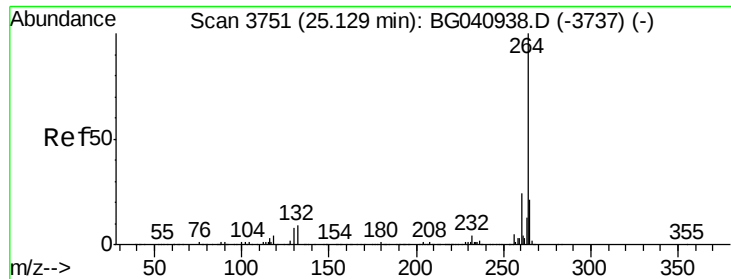
Acq: 6 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 994639 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 13.2  | 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: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

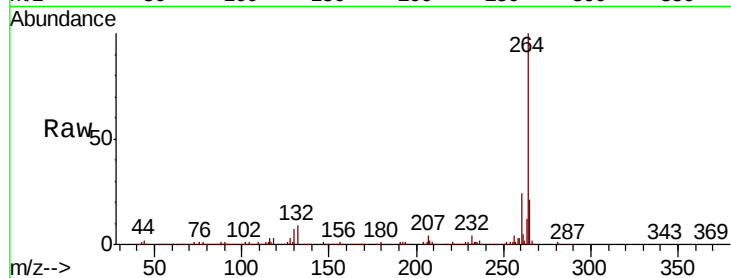
ClientSampleId :

PB120328BS

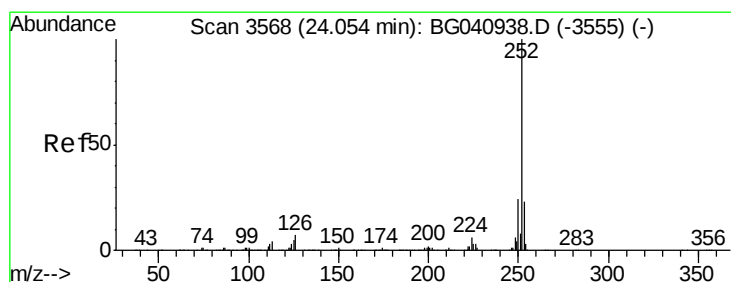
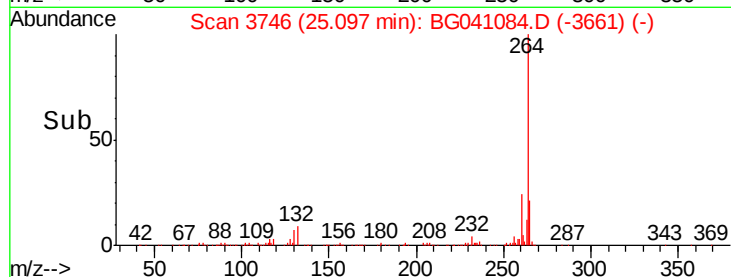
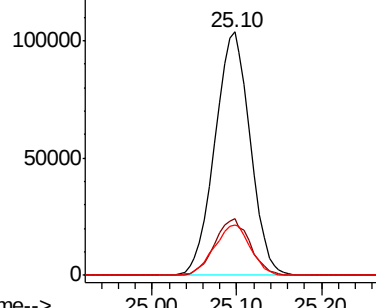
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 301060 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.5  | 19.0  | 28.4   |
| 265       | 20.8  | 17.0  | 25.4   |

Manual Integrations  
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6/7/2019 2:12:50 PM



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: 46.065 ng

RT: 24.03 min Scan# 3564

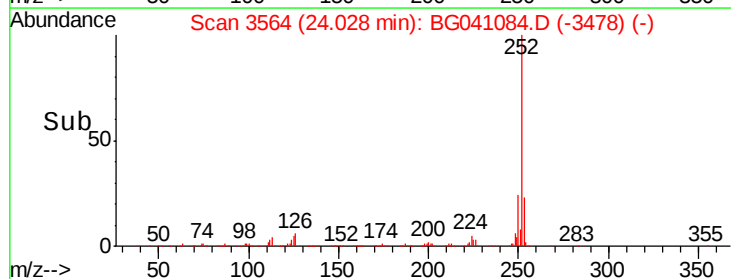
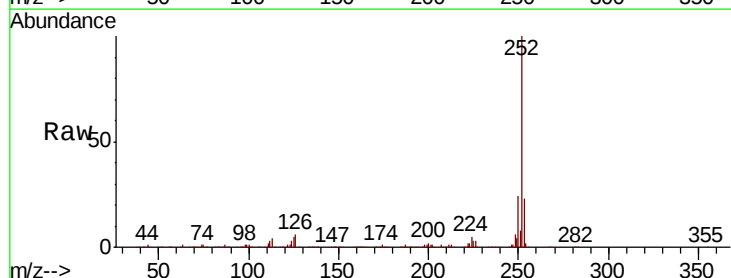
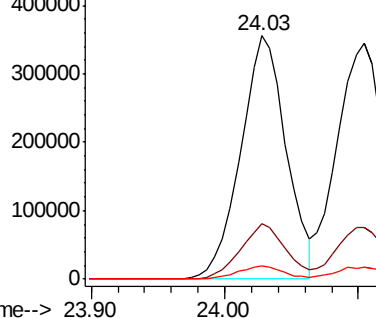
Delta R.T. -0.03 min

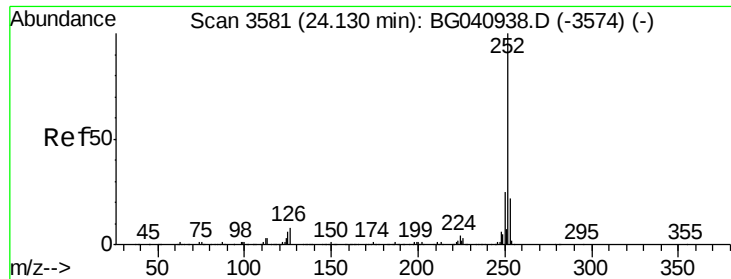
Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 841171 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.8  | 18.4  | 27.6   |
| 125       | 5.2   | 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





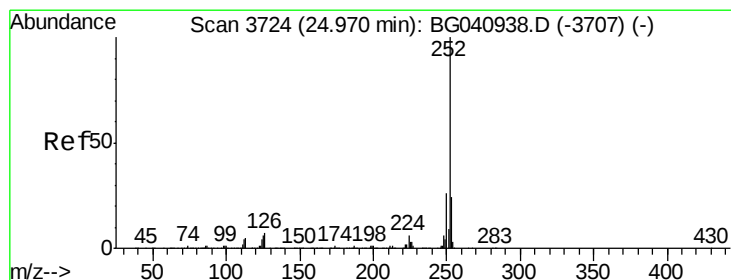
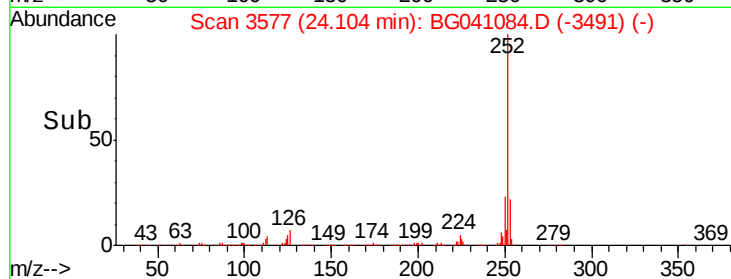
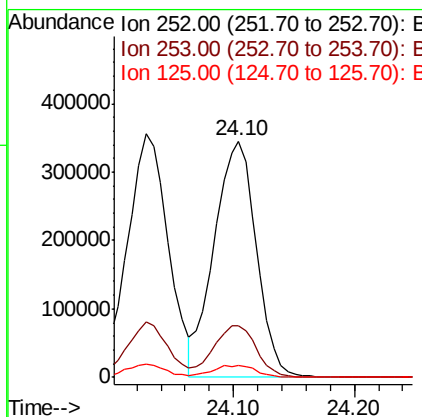
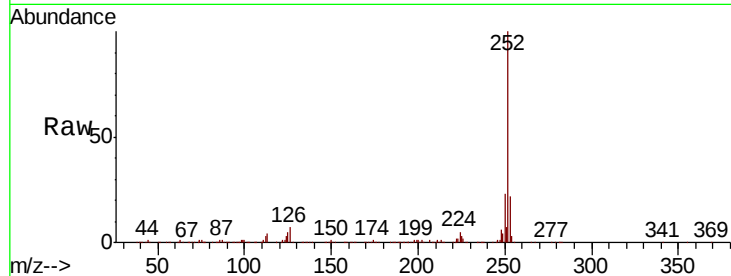
#89  
Benzo(k)fluoranthene  
Concen: 45.993 ng  
RT: 24.10 min Scan# 3577  
Delta R.T. -0.03 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.8  | 26.6  |
| 125     | 5.0   | 4.7   | 7.1   |

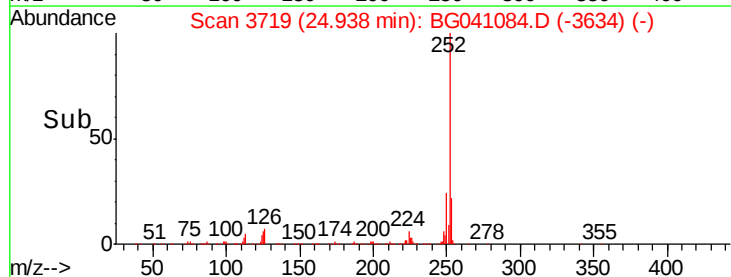
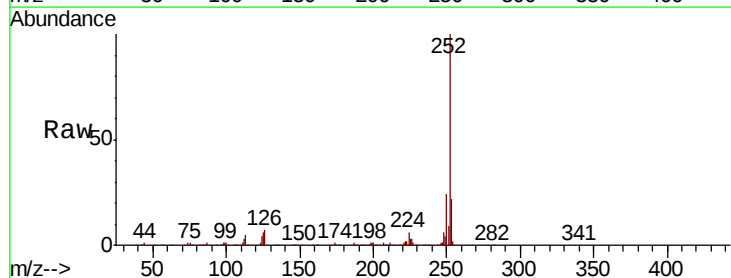
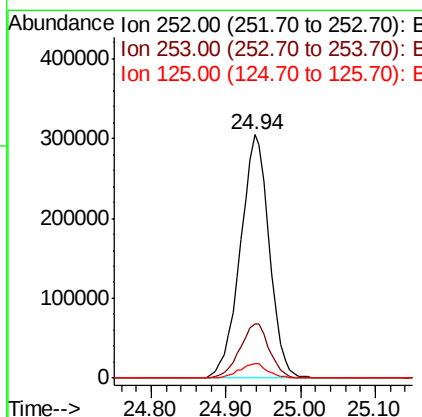
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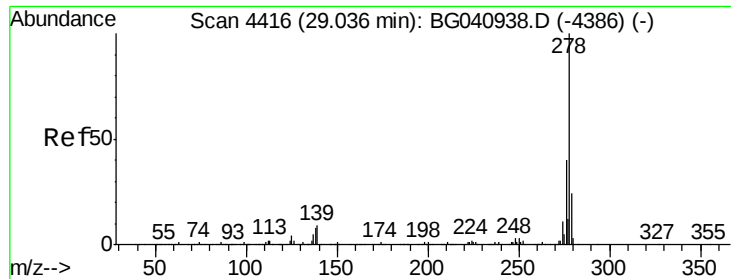
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#90  
Benzo(a)pyrene  
Concen: 47.099 ng  
RT: 24.94 min Scan# 3719  
Delta R.T. -0.03 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 19.5  | 29.3  |
| 125     | 5.7   | 5.1   | 7.7   |





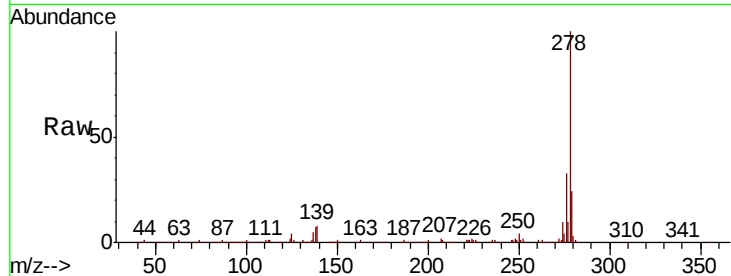
#91  
Dibenzo(a,h)anthracene  
Concen: 46.799 ng  
RT: 28.99 min Scan# 4408  
Delta R.T. -0.05 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.4   | 7.1   | 10.7  |
| 279     | 24.1  | 19.4  | 29.2  |

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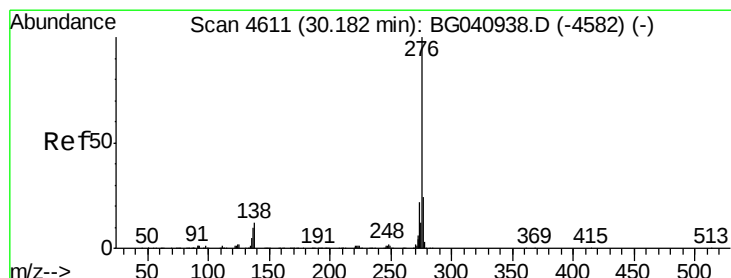
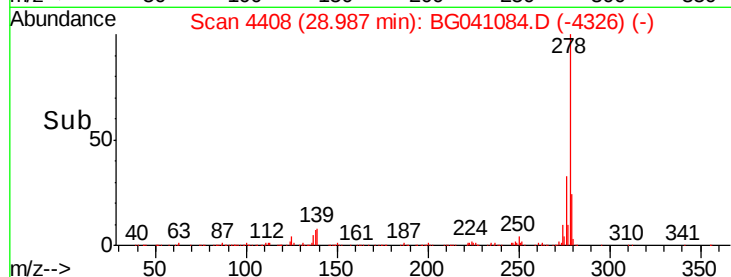
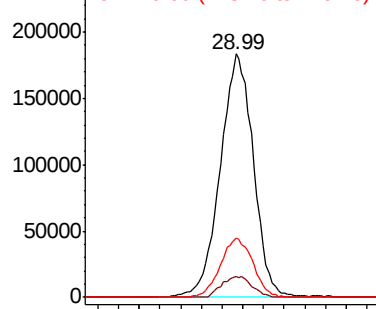


Abundance

Ion 278.00 (277.70 to 278.70): E

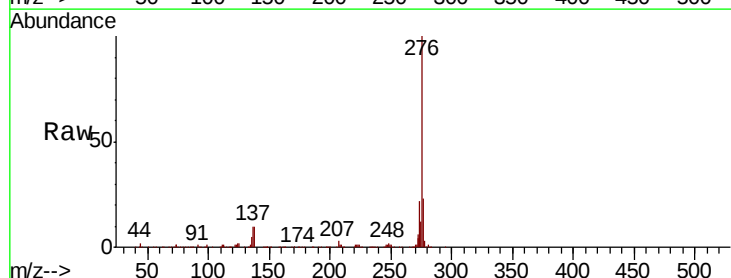
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 48.683 ng  
RT: 30.14 min Scan# 4604  
Delta R.T. -0.04 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 19.4  | 29.0  |
| 138     | 10.2  | 9.7   | 14.5  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

