

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG010218\  
 Data File : BG031881.D  
 Acq On : 2 Jan 2018 21:10  
 Operator : SJ/JU  
 Sample : I6686-08MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

Manual Integrations  
 APPROVED

Sohil  
 1/3/2018 10:25:21 AM

Quant Time: Jan 03 00:53:52 2018  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG122117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 29 15:51:46 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.79  | 152  | 44982    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.67 | 136  | 188400   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.42 | 164  | 138806   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.15 | 188  | 369592   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 22.50 | 240  | 418063   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 26.23 | 264  | 445856   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.21  | 112 | 352020  | 142.54 | ng | 0.00 |
| 7) Phenol-d6             | 7.89  | 99  | 426758  | 133.09 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.99  | 82  | 265751  | 106.52 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.90 | 330 | 343224  | 162.05 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.05 | 172 | 954192  | 86.28  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.69 | 244 | 1815025 | 99.19  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.87  | 88  | 38766  | 42.345 | ng | # 75   |
| 3) Pyridine                    | 4.33  | 79  | 75229  | 30.742 | ng | # 78   |
| 4) n-Nitrosodimethylamine      | 4.22  | 42  | 47001  | 47.598 | ng | # 81   |
| 6) Aniline                     | 8.08  | 93  | 28741  | 6.967  | ng | # 85   |
| 8) 2-Chlorophenol              | 8.33  | 128 | 149737 | 52.269 | ng | # 84   |
| 9) Benzaldehyde                | 7.88  | 77  | 11576  | 5.996  | ng | # 73   |
| 10) Phenol                     | 7.92  | 94  | 150627 | 46.530 | ng | # 91   |
| 11) bis(2-Chloroethyl)ether    | 8.17  | 93  | 120100 | 44.672 | ng | # 82   |
| 12) 1,3-Dichlorobenzene        | 8.67  | 146 | 169398 | 47.617 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 8.82  | 146 | 170952 | 47.041 | ng | # 93   |
| 14) 1,2-Dichlorobenzene        | 9.16  | 146 | 162430 | 47.171 | ng | # 94   |
| 15) Benzyl Alcohol             | 9.02  | 79  | 117378 | 48.764 | ng | # 89   |
| 16) 2,2'-oxybis(1-Chloropropan | 9.31  | 45  | 123354 | 56.342 | ng | # 79   |
| 17) 2-Methylphenol             | 9.22  | 107 | 119128 | 51.431 | ng | # 95   |
| 18) Hexachloroethane           | 9.92  | 117 | 52860  | 48.026 | ng | # 89   |
| 19) n-Nitroso-di-n-propylamine | 9.60  | 70  | 94388  | 43.104 | ng | # 80   |
| 20) 3+4-Methylphenols          | 9.55  | 107 | 163949 | 49.802 | ng | # 96   |
| 22) Acetophenone               | 9.63  | 105 | 213110 | 48.688 | ng | # 85   |
| 24) Nitrobenzene               | 10.03 | 77  | 136539 | 53.099 | ng | # 84   |
| 25) Isophorone                 | 10.55 | 82  | 270081 | 50.285 | ng | # 86   |
| 26) 2-Nitrophenol              | 10.76 | 139 | 85058  | 63.089 | ng | # 79   |
| 27) 2,4-Dimethylphenol         | 10.79 | 122 | 157061 | 55.361 | ng | # 90   |
| 28) bis(2-Chloroethoxy)methane | 11.03 | 93  | 170406 | 47.284 | ng | # 95   |
| 29) 2,4-Dichlorophenol         | 11.30 | 162 | 179863 | 54.003 | ng | # 90   |
| 30) 1,2,4-Trichlorobenzene     | 11.53 | 180 | 190003 | 46.722 | ng | # 98   |
| 31) Naphthalene                | 11.73 | 128 | 595902 | 62.673 | ng | # 99   |
| 32) Benzoic acid               | 10.91 | 122 | 91565  | 47.422 | ng | # 77   |
| 33) 4-Chloroaniline            | 11.81 | 127 | 23311  | 5.507  | ng | # 90   |
| 34) Hexachlorobutadiene        | 11.99 | 225 | 124159 | 44.472 | ng | # 96   |
| 35) Caprolactam                | 12.56 | 113 | 52060  | 51.567 | ng | # 43   |
| 36) 4-Chloro-3-methylphenol    | 12.88 | 107 | 171055 | 55.610 | ng | # 82   |
| 37) 2-Methylnaphthalene        | 13.28 | 142 | 388938 | 50.460 | ng | # 90   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.63 | 216 | 259138 | 44.323 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 13.61 | 237 | 278024 | 90.141 | ng | # 91   |

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 ClientSampleId :  
 TR-05-122817MSD

Manual Integrations  
 APPROVED

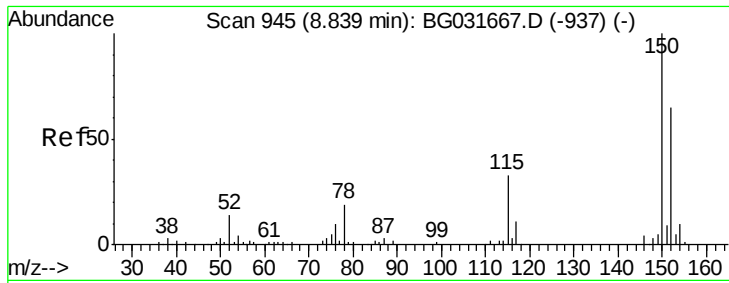
Sohil  
 1/3/2018 10:25:21 AM

Quant Time: Jan 03 00:53:52 2018  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG122117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.86 | 196  | 171826   | 50.973  | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 13.93 | 196  | 188963   | 50.583  | ng #  | 90       |
| 45) 1,1'-Biphenyl              | 14.26 | 154  | 550411   | 46.427  | ng    | 96       |
| 46) 2-Chloronaphthalene        | 14.31 | 162  | 418256   | 46.253  | ng    | 96       |
| 47) 2-Nitroaniline             | 14.49 | 65   | 94292    | 60.375  | ng #  | 68       |
| 48) Acenaphthylene             | 15.15 | 152  | 660828   | 45.679  | ng    | 99       |
| 49) Dimethylphthalate          | 14.85 | 163  | 584507   | 47.800  | ng #  | 98       |
| 50) 2,6-Dinitrotoluene         | 14.97 | 165  | 132592   | 58.942  | ng #  | 63       |
| 51) Acenaphthene               | 15.49 | 154  | 491395   | 51.864  | ng    | 96       |
| 52) 3-Nitroaniline             | 15.30 | 138  | 32273    | 14.705  | ng #  | 67       |
| 53) 2,4-Dinitrophenol          | 15.50 | 184  | 147875   | 147.607 | ng #  | 73       |
| 54) Dibenzofuran               | 15.81 | 168  | 701433   | 48.296  | ng    | 98       |
| 55) 4-Nitrophenol              | 15.59 | 139  | 197223   | 110.409 | ng #  | 70       |
| 56) 2,4-Dinitrotoluene         | 15.75 | 165  | 191619   | 66.245  | ng #  | 63       |
| 57) Fluorene                   | 16.46 | 166  | 572579   | 48.529  | ng    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.03 | 232  | 200940m  | 55.132  | ng    |          |
| 59) Diethylphthalate           | 16.19 | 149  | 566212   | 47.507  | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 16.43 | 204  | 334734   | 46.368  | ng    | 92       |
| 61) 4-Nitroaniline             | 16.46 | 138  | 93733    | 43.766  | ng #  | 75       |
| 62) Azobenzene                 | 16.73 | 77   | 364198   | 47.648  | ng    | 83       |
| 64) 4,6-Dinitro-2-methylphenol | 16.51 | 198  | 102174   | 55.299  | ng #  | 67       |
| 65) n-Nitrosodiphenylamine     | 16.64 | 169  | 527871   | 43.004  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 17.32 | 248  | 247526   | 46.314  | ng    | 95       |
| 67) Hexachlorobenzene          | 17.45 | 284  | 259813   | 47.554  | ng #  | 89       |
| 68) Atrazine                   | 17.57 | 200  | 219280   | 45.942  | ng    | 99       |
| 69) Pentachlorophenol          | 17.79 | 266  | 350712   | 93.326  | ng    | 99       |
| 70) Phenanthrene               | 18.19 | 178  | 987124   | 47.194  | ng    | 99       |
| 71) Anthracene                 | 18.28 | 178  | 996675   | 47.238  | ng    | 99       |
| 72) Carbazole                  | 18.54 | 167  | 886112   | 47.450  | ng    | 100      |
| 73) Di-n-butylphthalate        | 19.05 | 149  | 974865   | 46.973  | ng    | 99       |
| 74) Fluoranthene               | 20.15 | 202  | 1237055  | 48.202  | ng    | 97       |
| 76) Benzidine                  | 20.31 | 184  | 49638    | 3.847   | ng    | 96       |
| 77) Pyrene                     | 20.51 | 202  | 1255567  | 47.017  | ng    | 97       |
| 79) Butylbenzylphthalate       | 21.37 | 149  | 435906   | 48.625  | ng #  | 77       |
| 80) Benzo(a)anthracene         | 22.47 | 228  | 1241041  | 46.667  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 22.36 | 252  | 122787   | 11.909  | ng #  | 97       |
| 82) Chrysene                   | 22.55 | 228  | 1169827  | 46.492  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.32 | 149  | 603436   | 46.462  | ng #  | 97       |
| 84) Di-n-octyl phthalate       | 23.72 | 149  | 1022721  | 46.756  | ng #  | 88       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.57 | 276  | 1585833  | 49.127  | ng #  | 87       |
| 87) Benzo(b)fluoranthene       | 25.03 | 252  | 1328678  | 48.008  | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 25.11 | 252  | 1277469  | 46.122  | ng #  | 97       |
| 89) Benzo(a)pyrene             | 26.06 | 252  | 1271247  | 47.961  | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 30.66 | 278  | 1315771  | 48.065  | ng    | 95       |
| 91) Benzo(g,h,i)perylene       | 30.57 | 276  | 1585833  | 49.066  | ng #  | 94       |

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





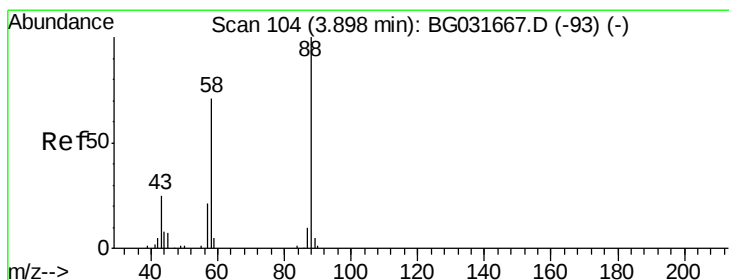
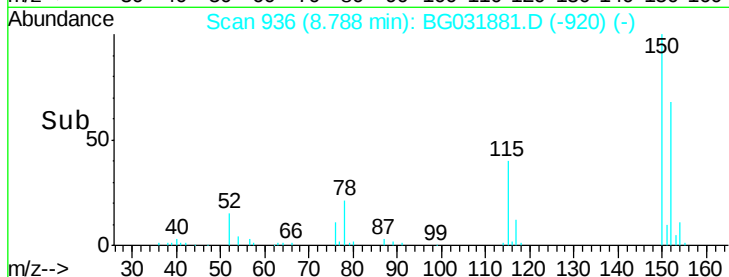
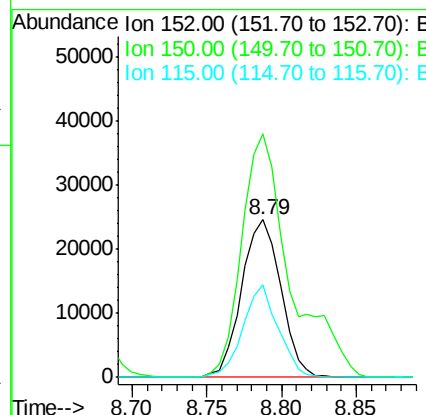
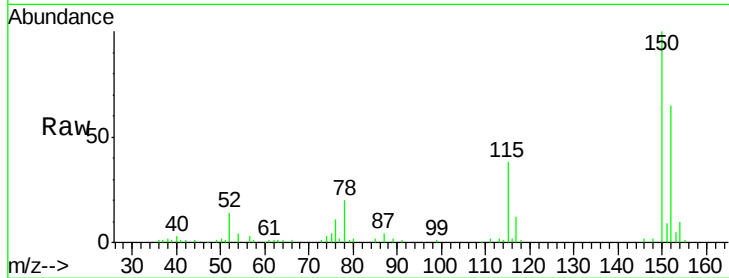
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 Concen: 20.000 ng  
 RT: 8.79 min Scan# 936  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.7 | 126.6 | 189.8 |
| 115     | 58.8  | 53.0  | 79.4  |

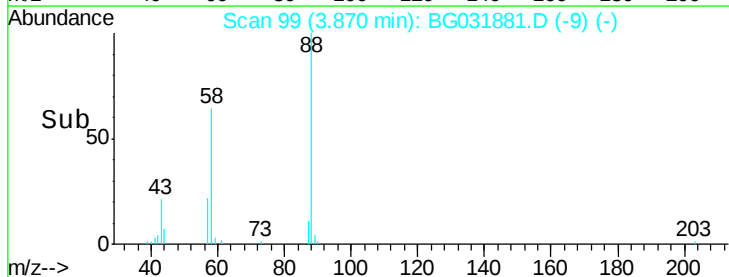
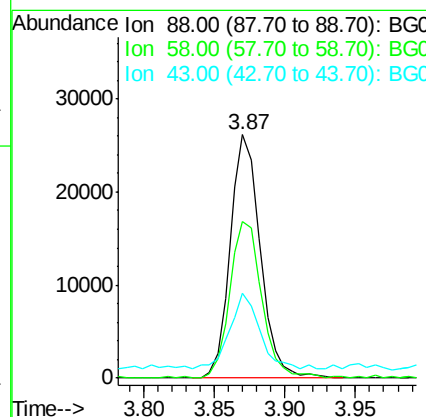
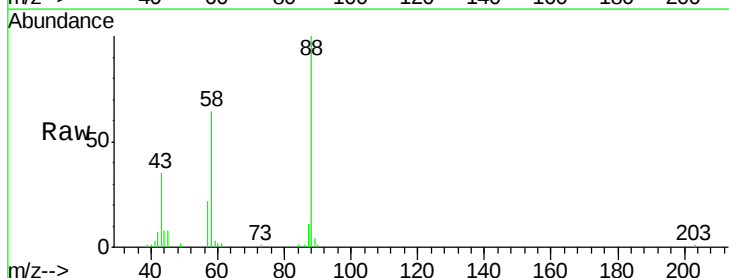
Manual Integrations  
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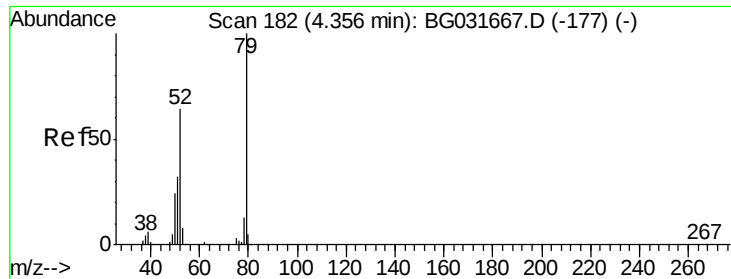
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 1/3/2018 10:25:21 AM



#2  
 1,4-Dioxane  
 Concen: 42.345 ng  
 RT: 3.87 min Scan# 99  
 Delta R.T. 0.00 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 68.1  | 79.6  | 119.4# |
| 43      | 31.2  | 27.4  | 41.0   |





#3

Pyridine

Concen: 30.742 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

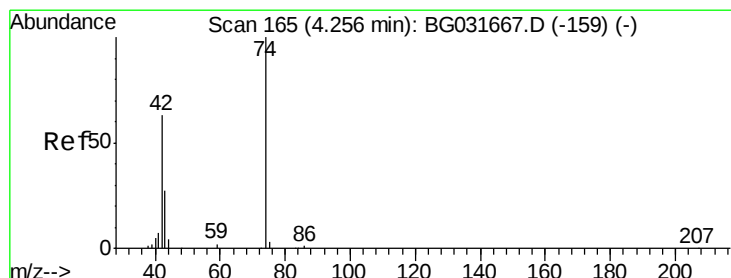
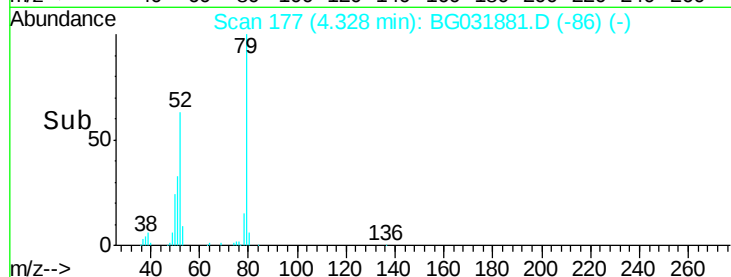
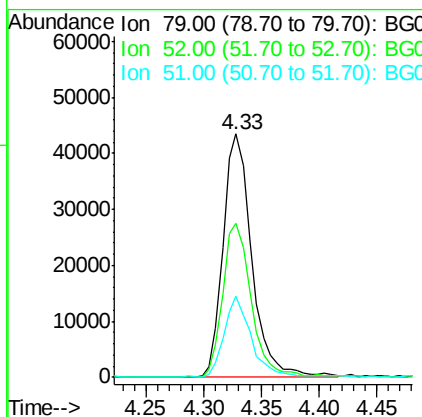
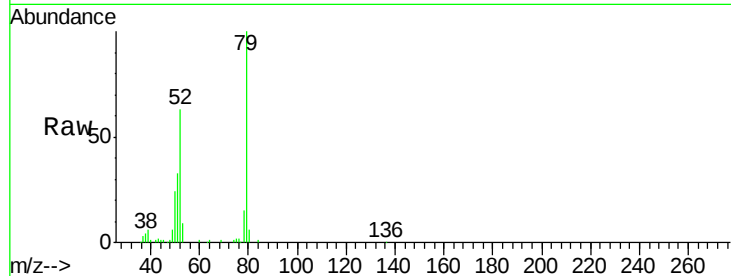
ClientSampleId :

TR-05-122817MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 75229  |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 63.4  | 69.9  | 104.9# |
| 51        | 33.1  | 34.0  | 51.0#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 47.598 ng

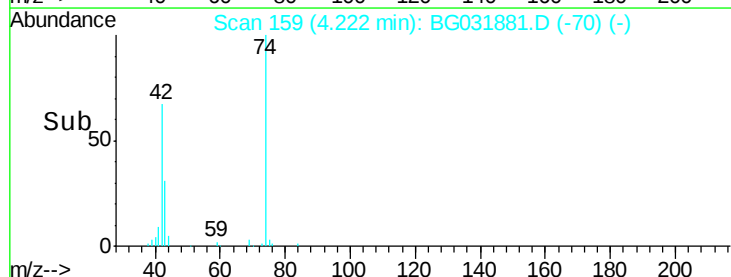
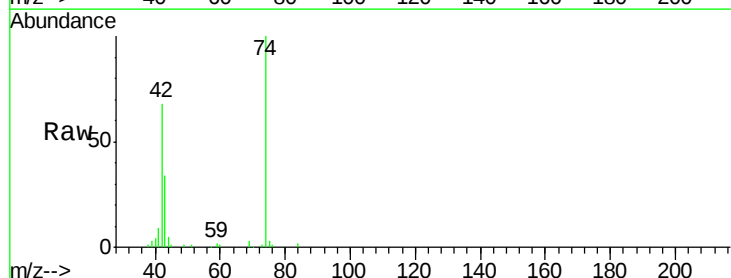
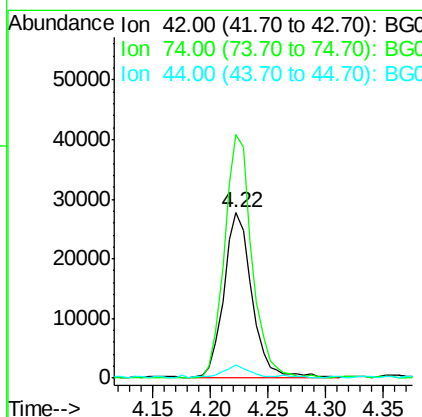
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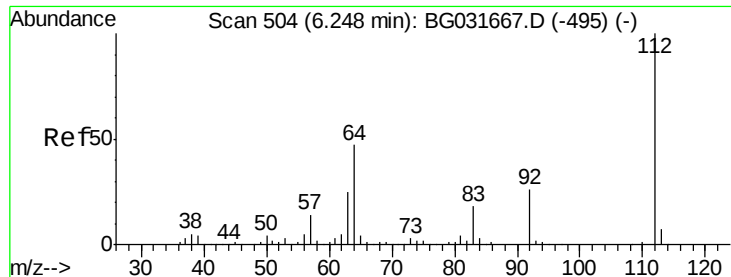
Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 47001 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 147.4 | 102.5 | 153.7 |
| 44        | 7.7   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 142.538 ng

RT: 6.21 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

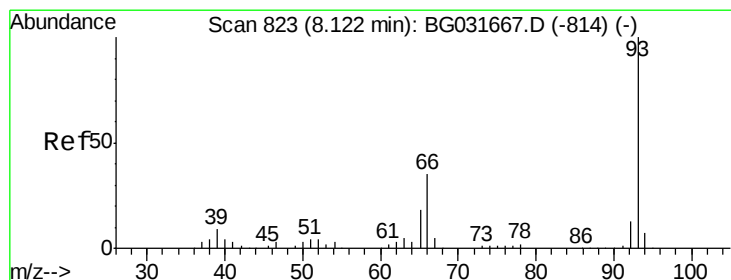
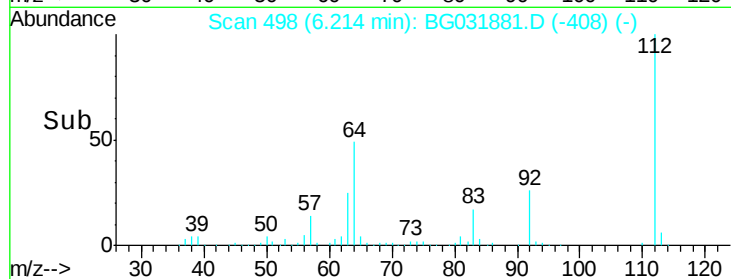
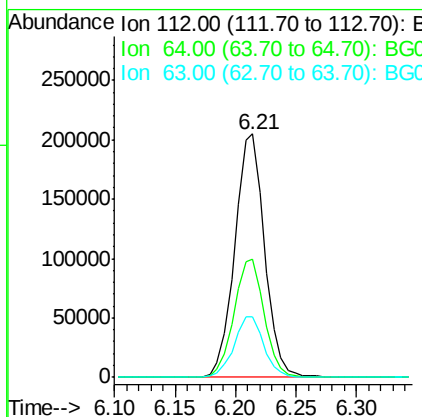
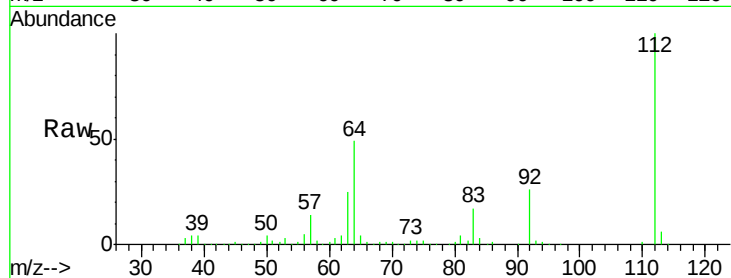
ClientSampleId :

TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 352020 |       |       |
| 64      | 48.5  | 56.3   | 84.5# |       |
| 63      | 24.9  | 30.1   | 45.1# |       |

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#6

Aniline

Concen: 6.967 ng

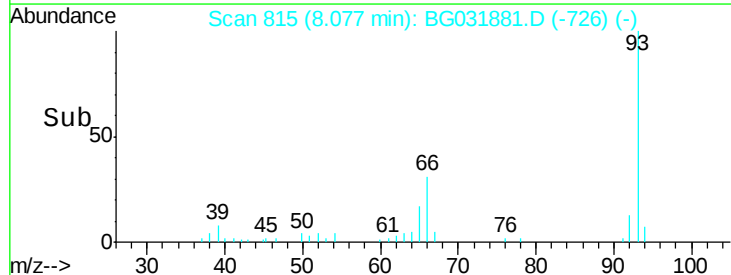
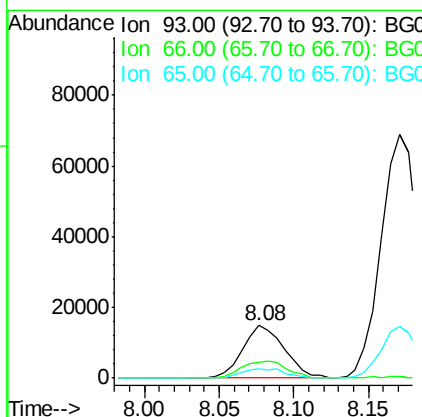
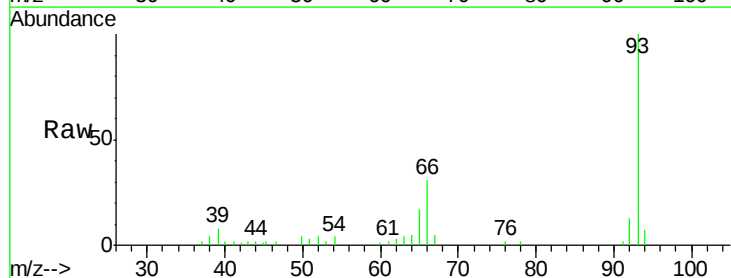
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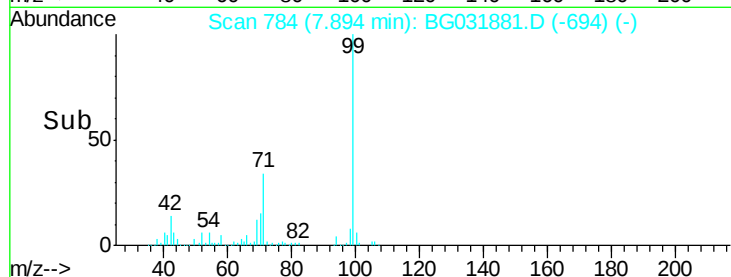
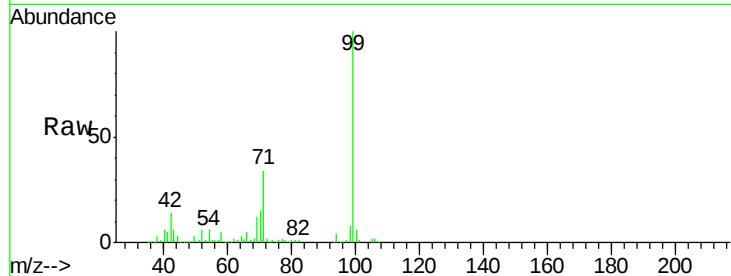
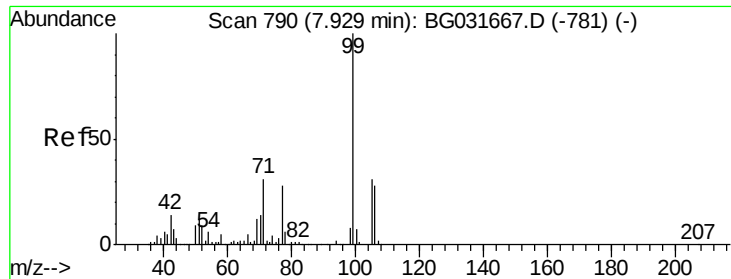
Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 28741 |       |       |
| 66      | 30.6  | 33.7  | 50.5# |       |
| 65      | 17.0  | 16.1  | 24.1  |       |





#7

Phenol-d6

Concen: 133.094 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 426758 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.5  | 14.1  | 21.1#  |
| 71        | 33.8  | 26.1  | 39.1   |

Instrument :

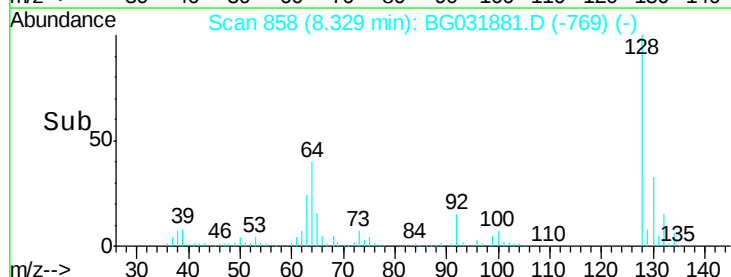
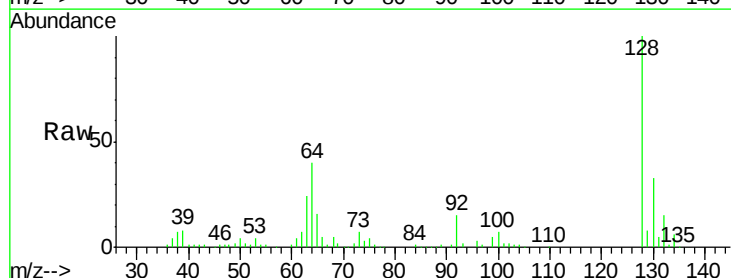
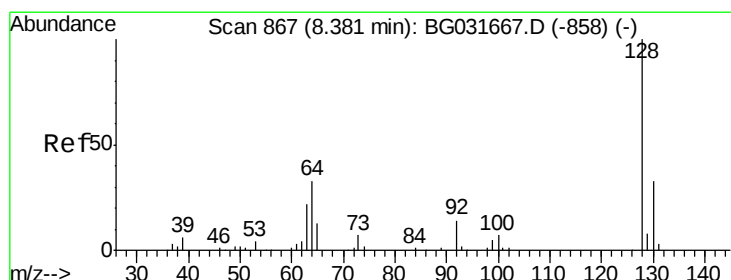
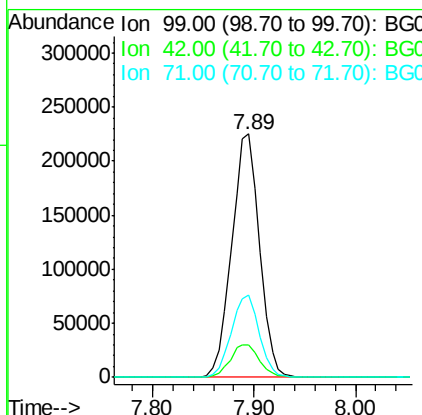
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ClientSampleId :

TR-05-122817MSD

Manual Integrations  
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#8

2-Chlorophenol

Concen: 52.269 ng

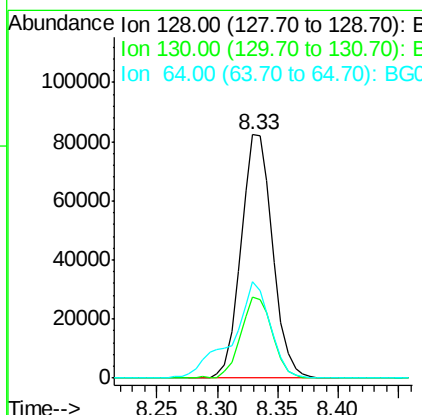
RT: 8.33 min Scan# 858

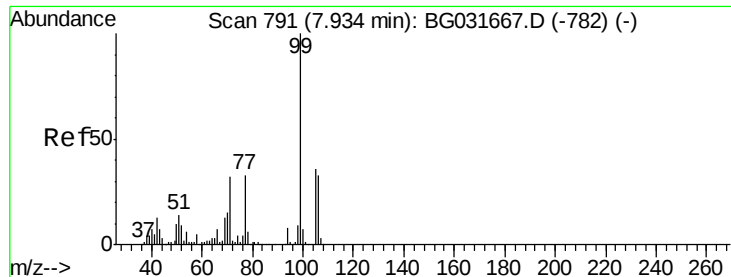
Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 149737 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.4  | 14.0  | 54.0   |
| 64        | 39.5  | 37.7  | 77.7   |





#9

Benzaldehyde

Concen: 5.996 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

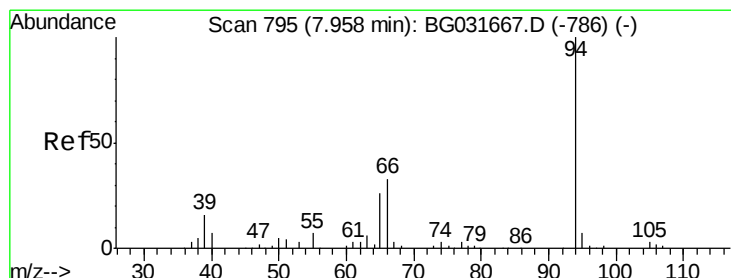
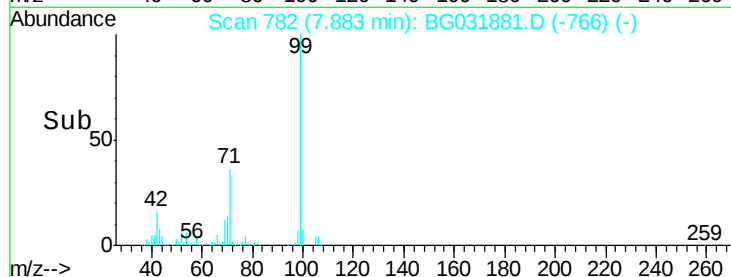
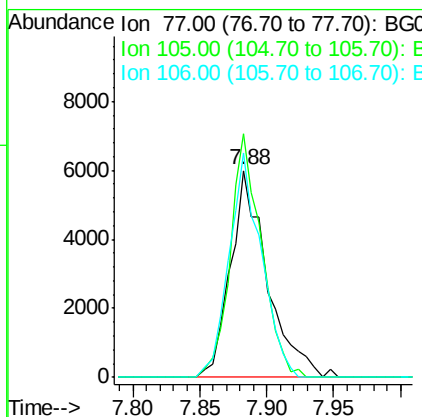
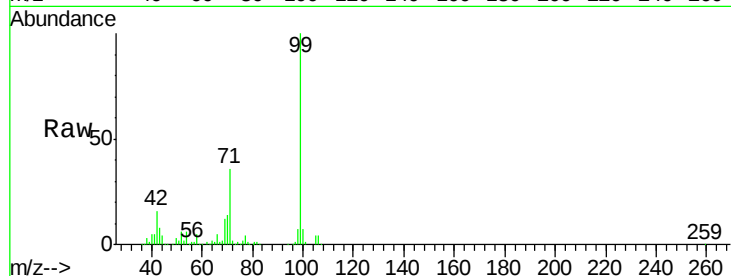
ClientSampleId :

TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 117.6 | 71.3  | 111.3# |
| 106     | 108.1 | 64.2  | 104.2# |

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#10

Phenol

Concen: 46.530 ng

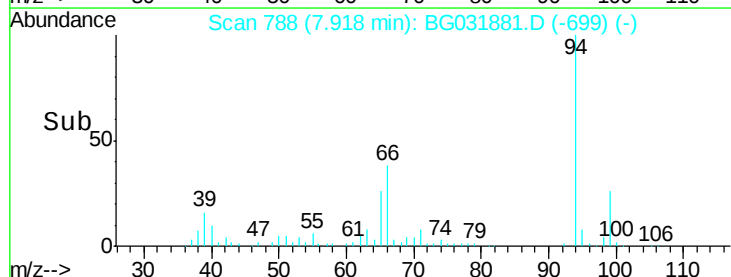
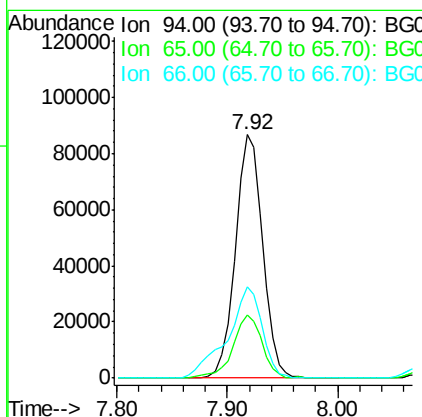
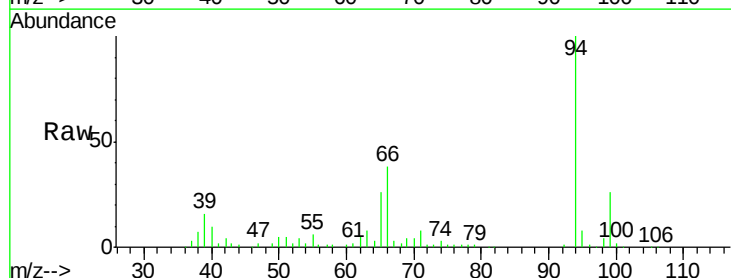
RT: 7.92 min Scan# 788

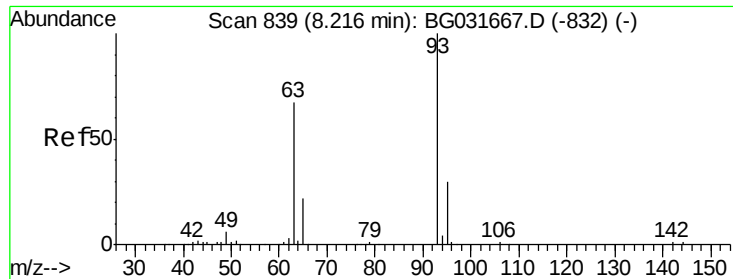
Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 26.0  | 11.9  | 51.9  |
| 66      | 37.6  | 22.2  | 62.2  |





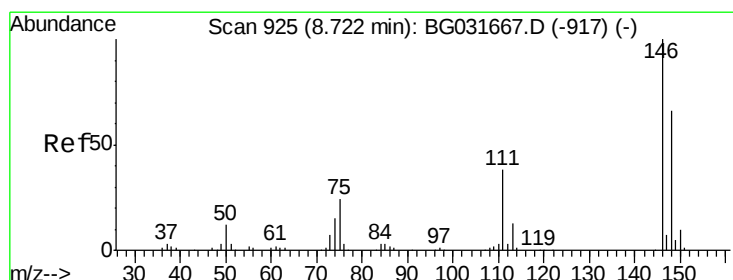
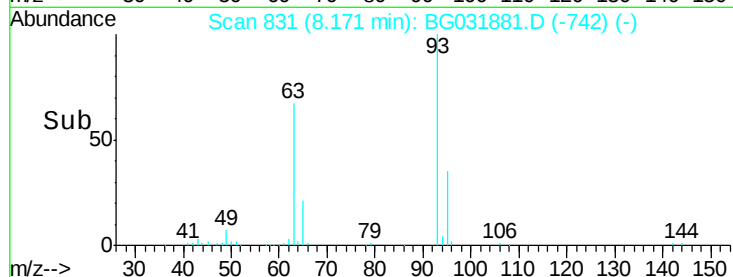
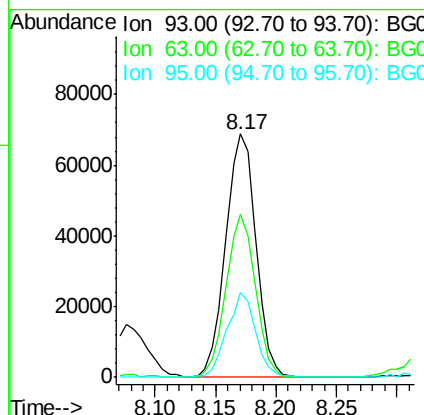
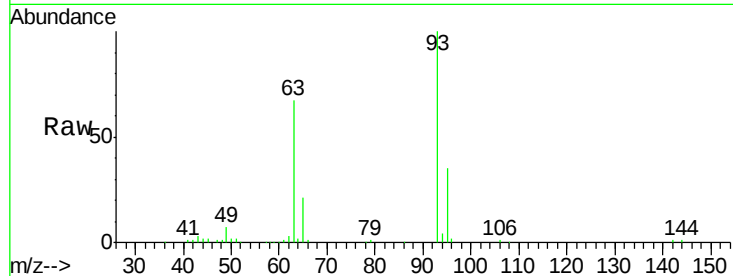
#11  
bis(2-Chloroethyl)ether  
Concen: 44.672 ng  
RT: 8.17 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 93      | 100   | 120100 |        |       |
| 63      | 67.0  | 67.1   | 107.1# |       |
| 95      | 35.0  | 11.5   | 51.5   |       |

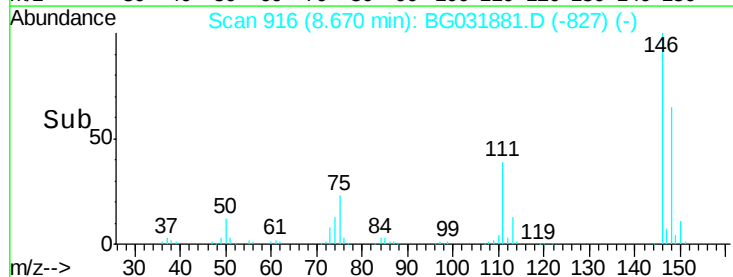
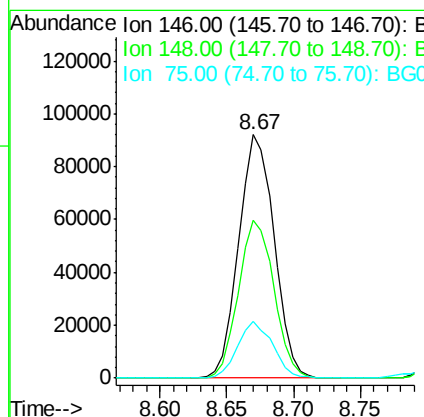
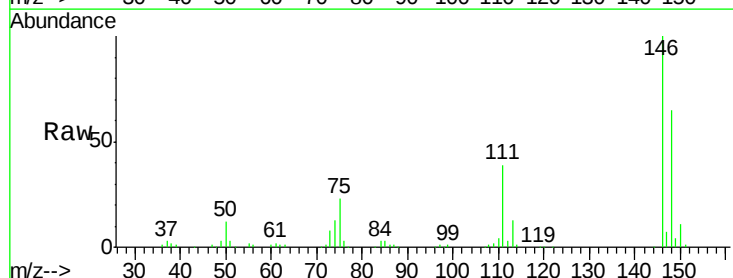
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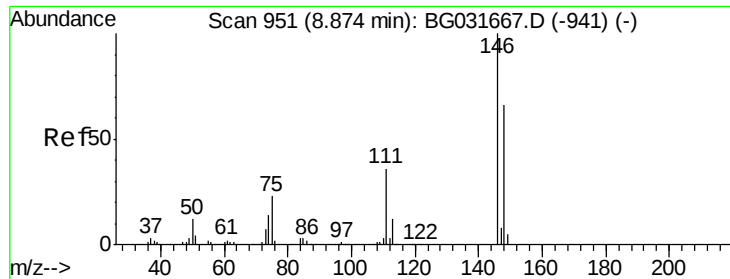
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 47.617 ng  
RT: 8.67 min Scan# 916  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 169398 |       |       |
| 148     | 64.8  | 51.4   | 77.2  |       |
| 75      | 23.4  | 26.6   | 39.8# |       |





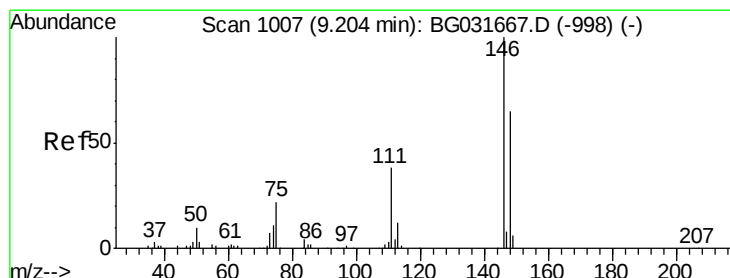
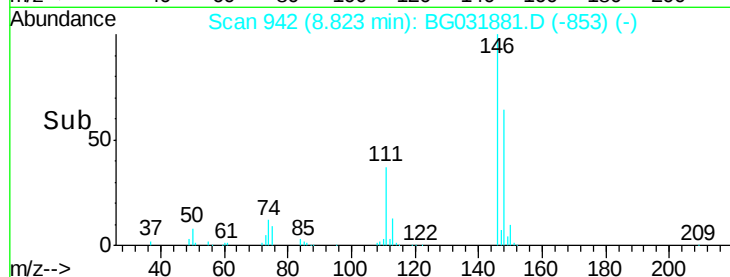
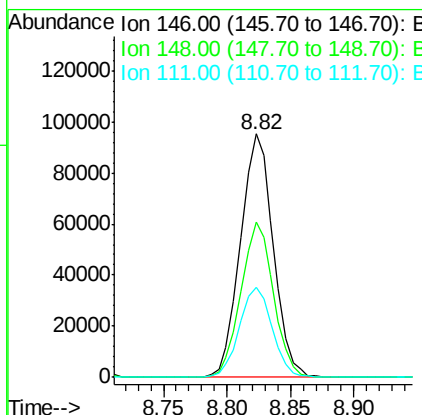
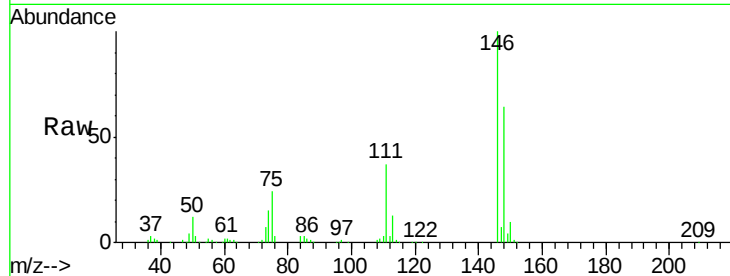
#13  
 1,4-Dichlorobenzene  
 Concen: 47.041 ng  
 RT: 8.82 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 53.7  | 80.5  |
| 111     | 36.9  | 35.2  | 52.8  |

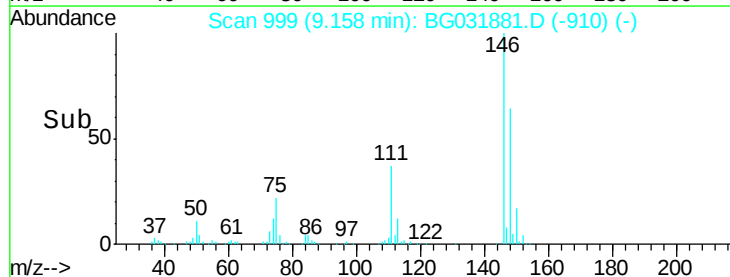
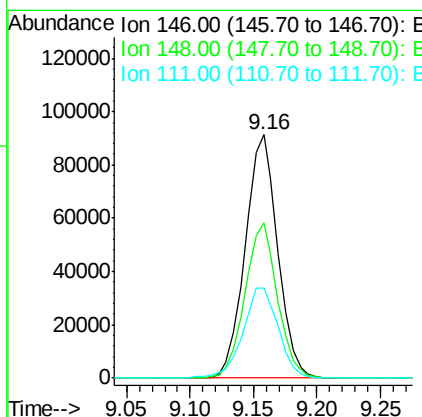
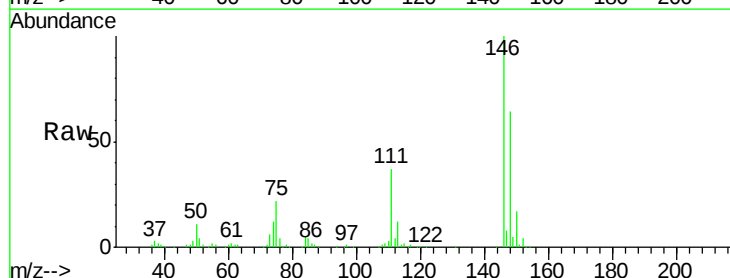
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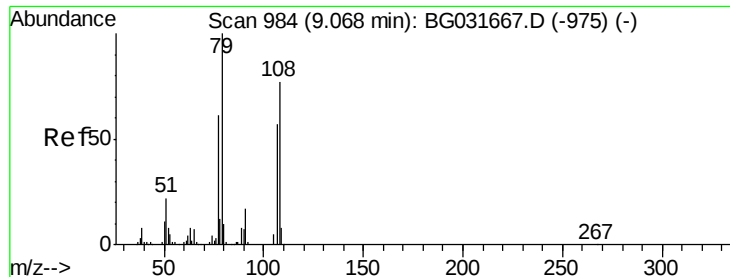
Sohil  
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#14  
 1,2-Dichlorobenzene  
 Concen: 47.171 ng  
 RT: 9.16 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 49.3  | 73.9  |
| 111     | 36.9  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 48.764 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

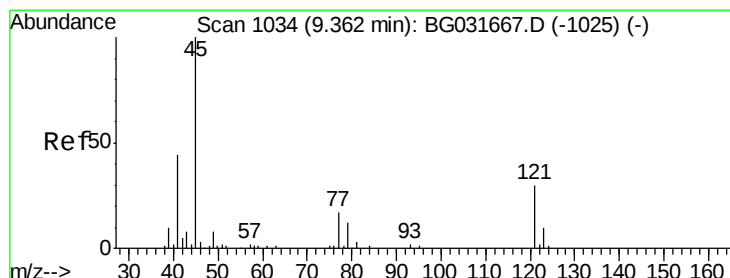
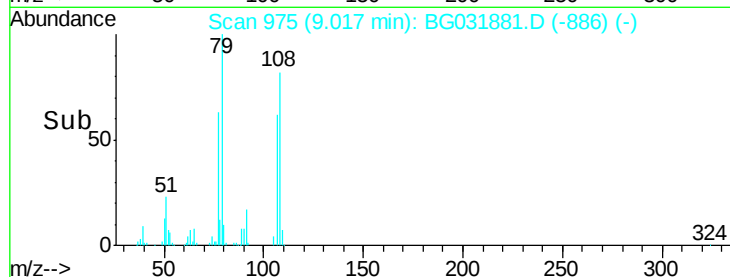
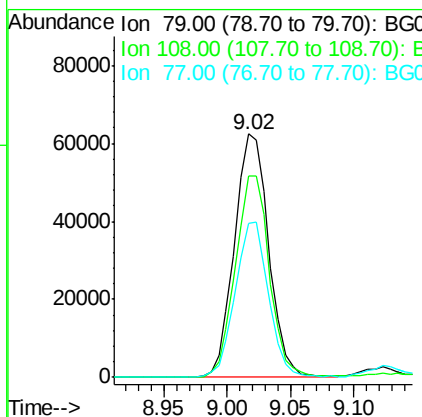
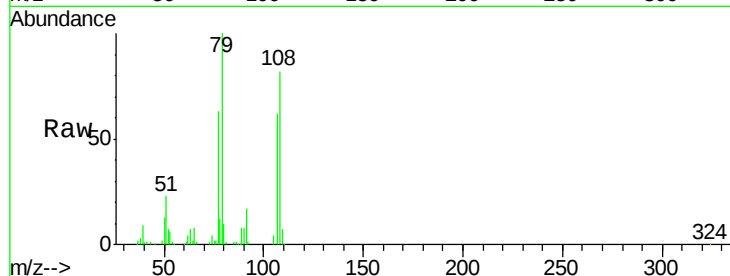
ClientSampleId :

TR-05-122817MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 117378 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 82.5  | 57.2  | 85.8   |
| 77        | 63.2  | 46.1  | 69.1   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.342 ng

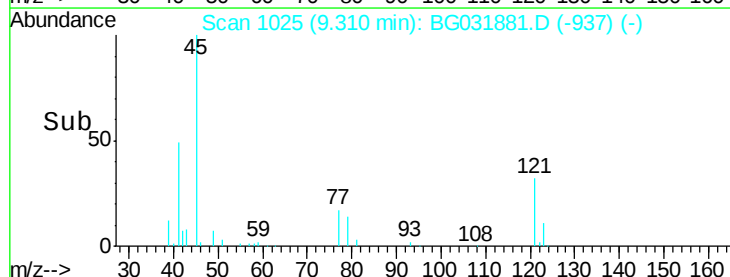
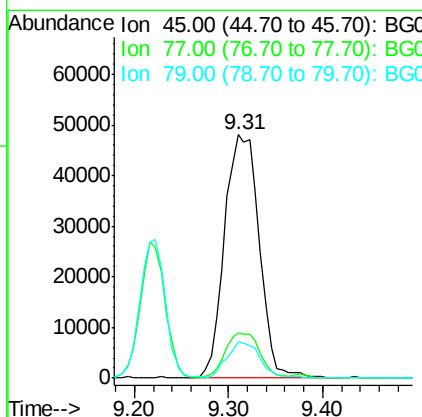
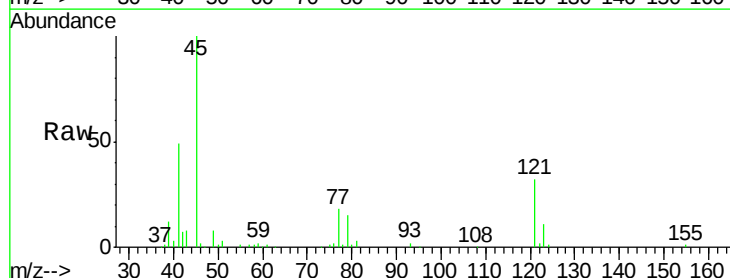
RT: 9.31 min Scan# 1025

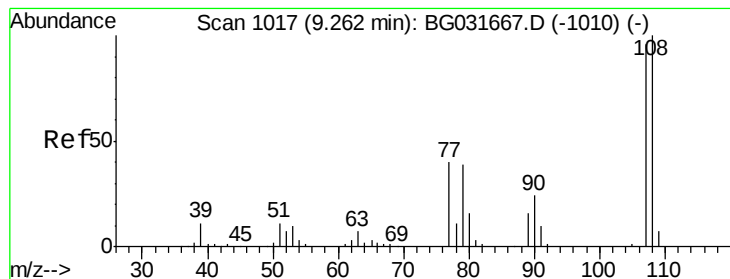
Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 123354 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 18.4  | 0.0   | 30.2   |
| 79        | 14.9  | 0.0   | 27.9   |





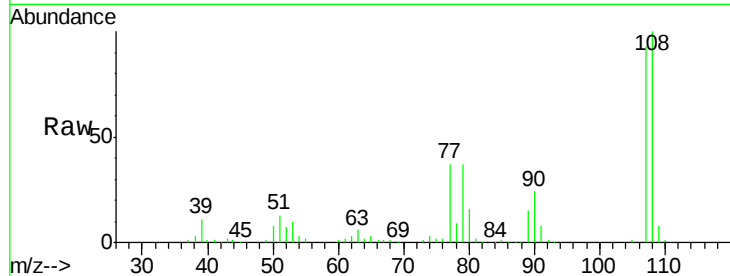
#17  
2-Methylphenol  
Concen: 51.431 ng  
RT: 9.22 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 119128 |       |       |
| 108     | 107.7 | 83.9   | 125.9 |       |
| 77      | 40.3  | 37.2   | 55.8  |       |
| 79      | 40.1  | 36.2   | 54.2  |       |

Manual Integrations  
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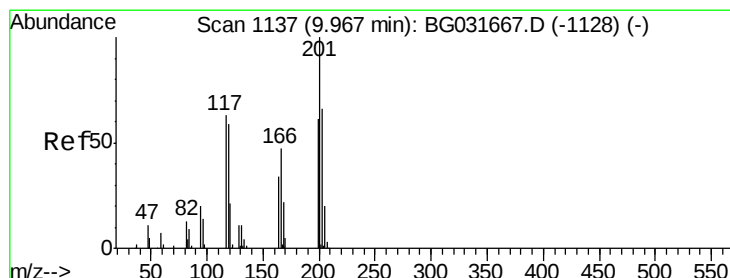
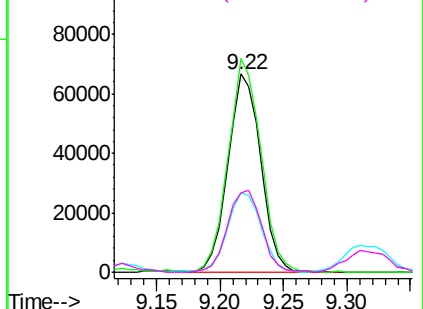
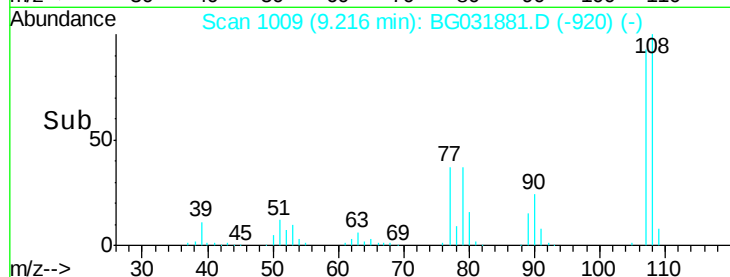
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

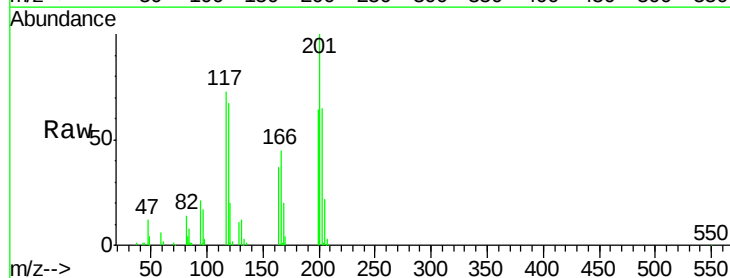
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18  
Hexachloroethane  
Concen: 48.026 ng  
RT: 9.92 min Scan# 1128  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 52860 |       |       |
| 119     | 90.8  | 76.7  | 115.1 |       |
| 201     | 136.3 | 95.7  | 143.5 |       |

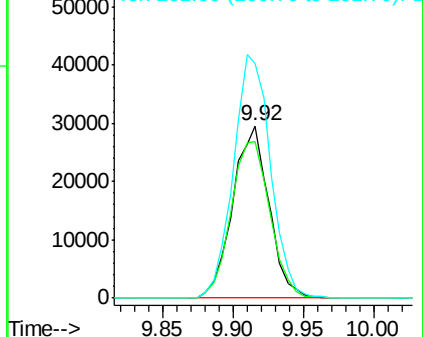
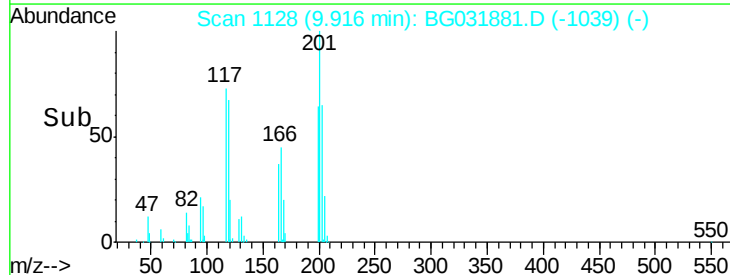


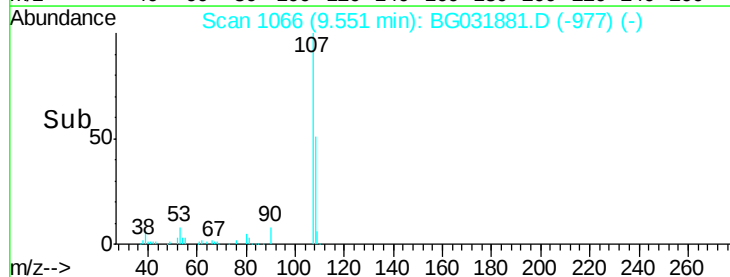
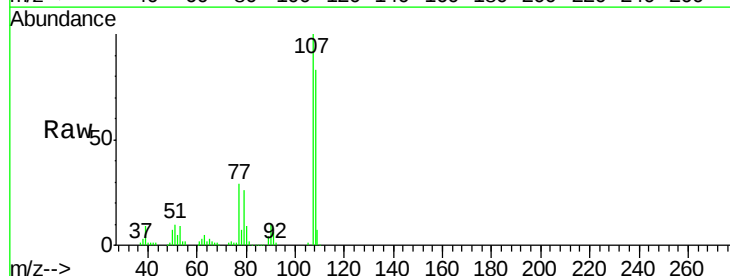
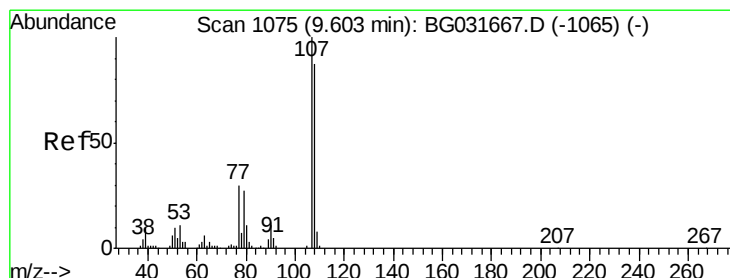
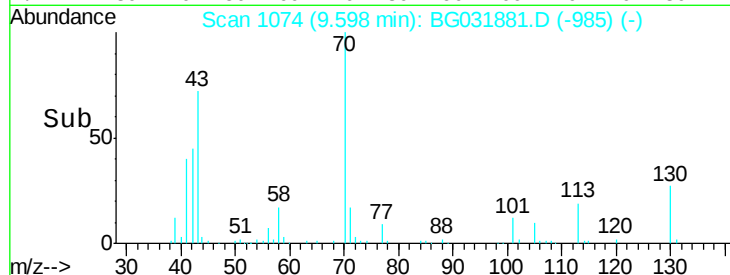
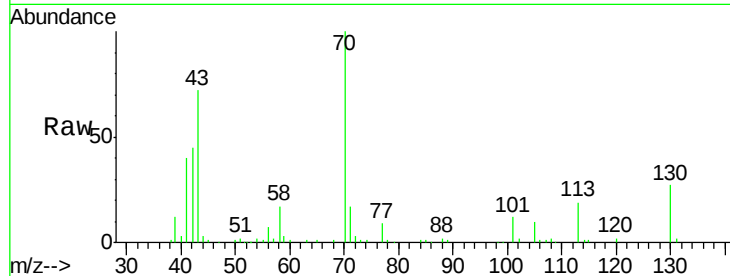
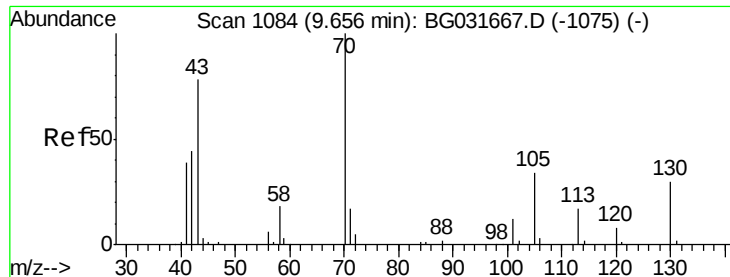
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





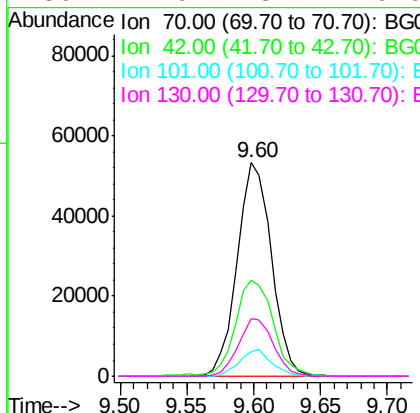
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.104 ng  
RT: 9.60 min Scan# 1074  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.0  | 49.1  | 73.7# |
| 101     | 11.6  | 8.5   | 12.7  |
| 130     | 27.0  | 13.4  | 20.0# |

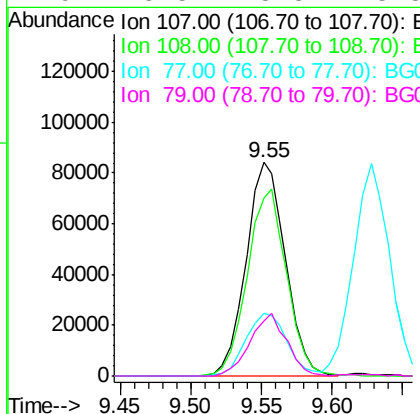
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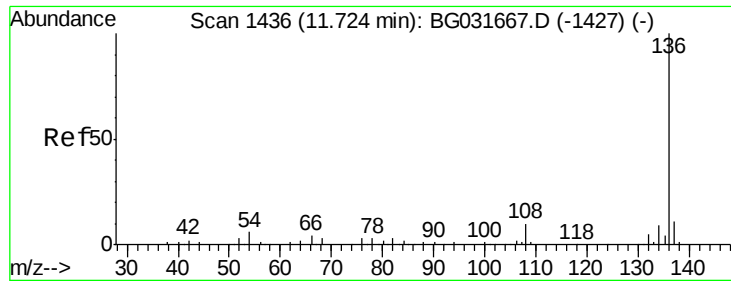
Sohil  
1/3/2018 10:25:21 AM



#20  
3+4-Methylphenols  
Concen: 49.802 ng  
RT: 9.55 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 83.3  | 61.6  | 101.6 |
| 77      | 29.2  | 13.9  | 53.9  |
| 79      | 25.5  | 8.8   | 48.8  |





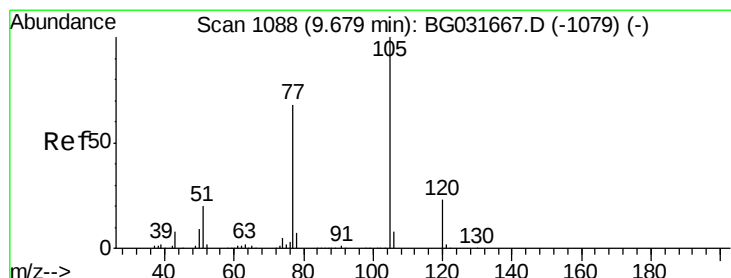
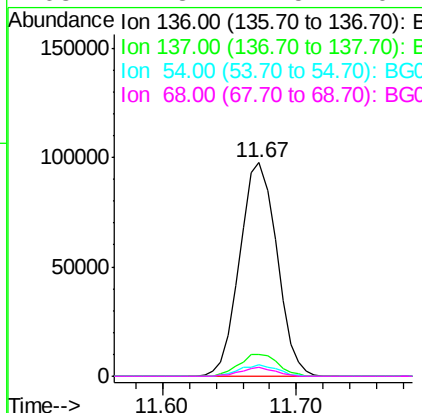
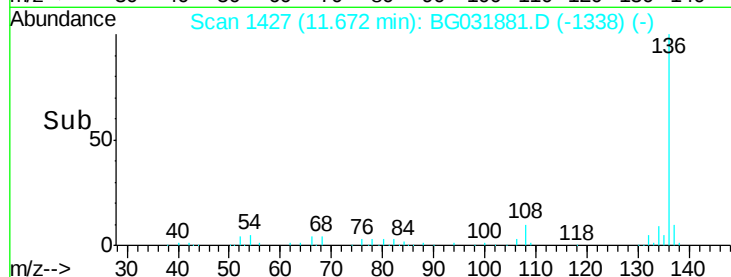
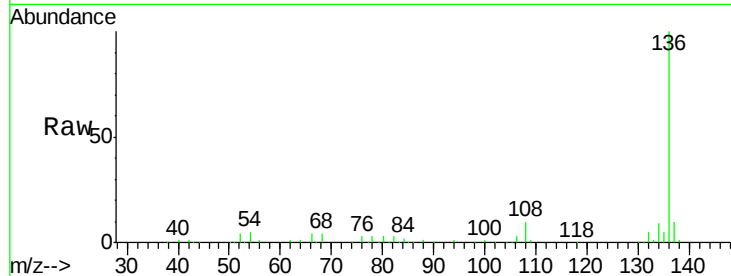
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.67 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 188400 |       |       |
| 137     | 10.1  | 9.2    | 13.8  |       |
| 54      | 5.3   | 10.3   | 15.5# |       |
| 68      | 4.3   | 4.5    | 6.7#  |       |

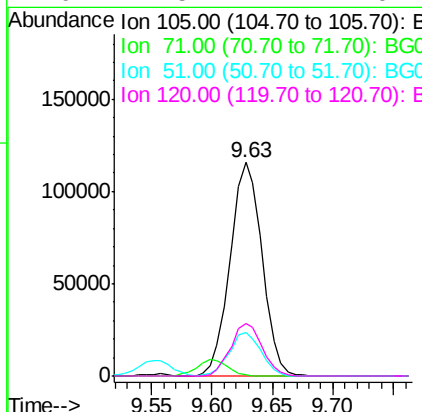
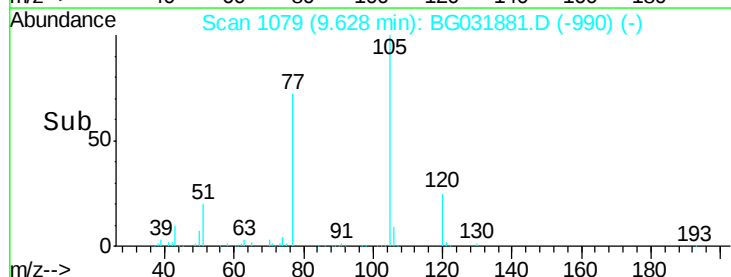
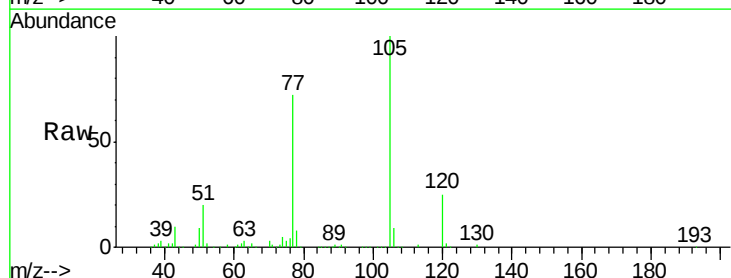
Manual Integrations  
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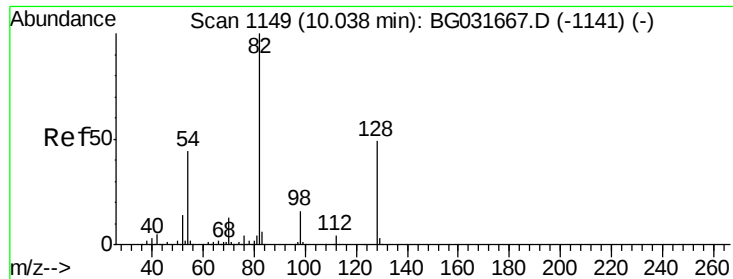
Sohil  
1/3/2018 10:25:21 AM



#22  
Acetophenone  
Concen: 48.688 ng  
RT: 9.63 min Scan# 1079  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 213110 |       |       |
| 71      | 0.5   | 3.0    | 4.4#  |       |
| 51      | 20.5  | 26.1   | 39.1# |       |
| 120     | 24.5  | 17.4   | 26.2  |       |





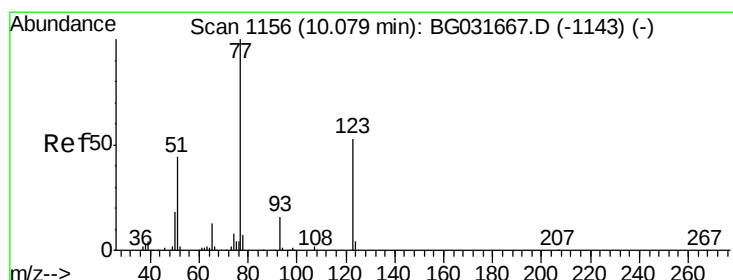
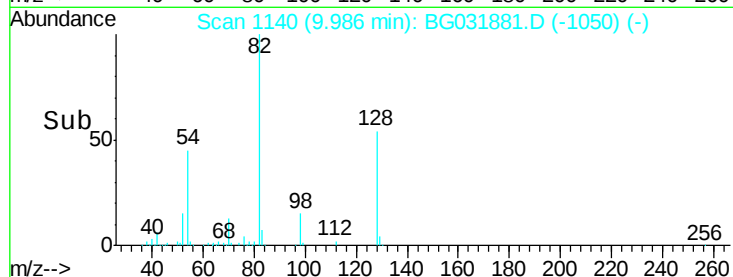
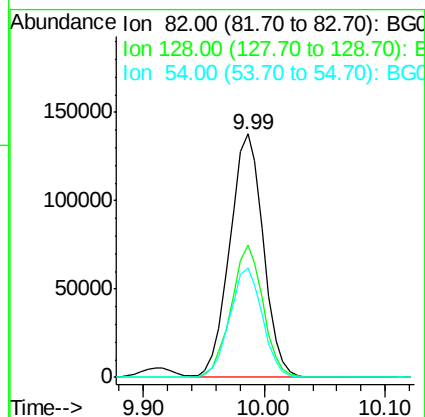
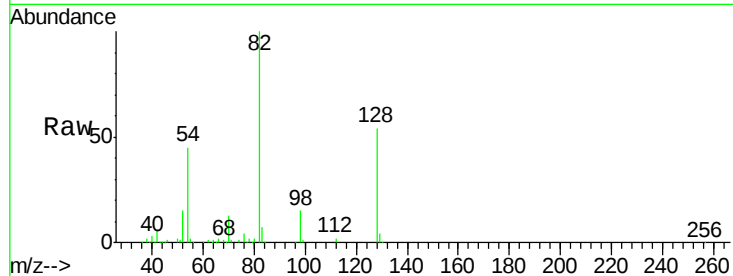
#23  
 Nitrobenzene-d5  
 Concen: 106.515 ng  
 RT: 9.99 min Scan# 1140  
 Delta R.T. 0.00 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 265751 |       |       |
| 128     | 54.5  | 29.7   | 44.5# |       |
| 54      | 44.9  | 43.1   | 64.7  |       |

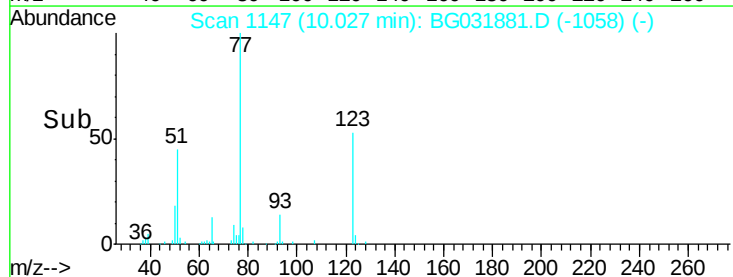
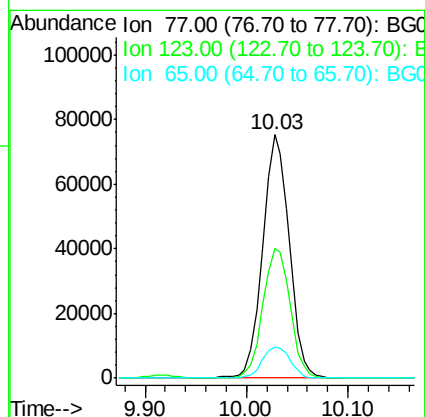
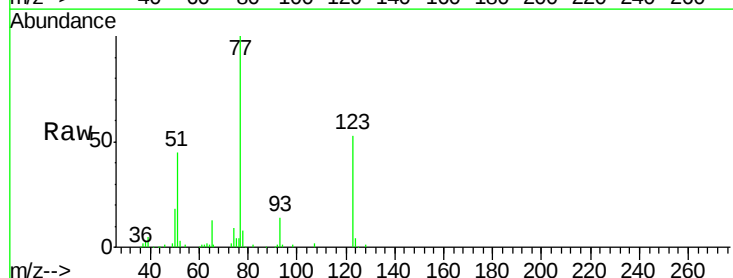
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#24  
 Nitrobenzene  
 Concen: 53.099 ng  
 RT: 10.03 min Scan# 1147  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 136539 |       |       |
| 123     | 53.4  | 33.0   | 49.6# |       |
| 65      | 12.8  | 13.0   | 19.6# |       |





#25

Isophorone

Concen: 50.285 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

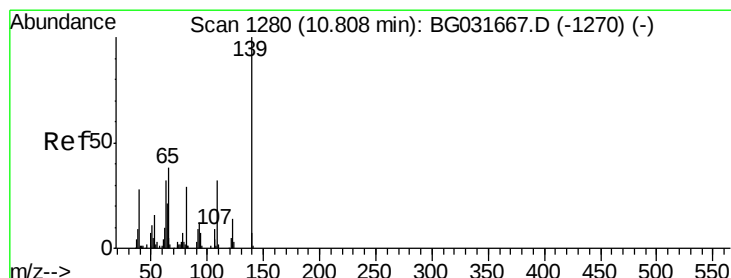
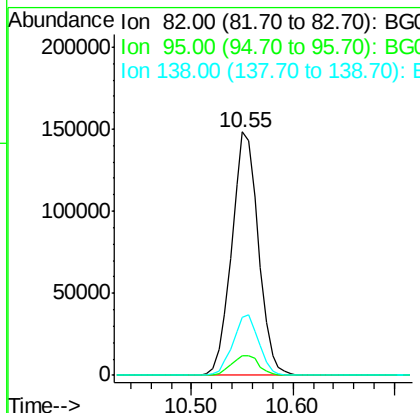
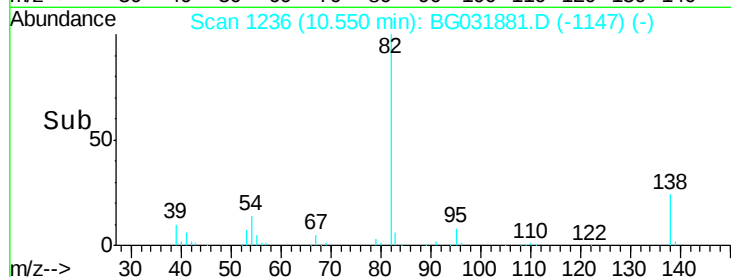
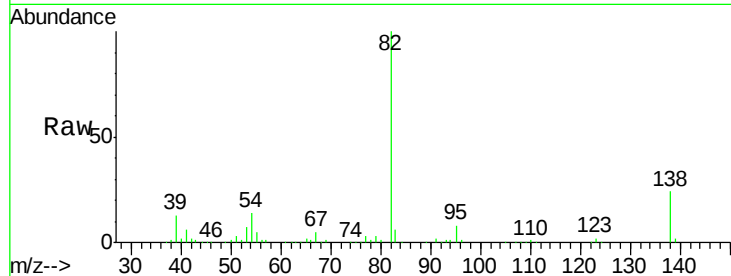
ClientSampleId :

TR-05-122817MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 270081 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 8.2  | 6.2   | 9.2    |
| 138       | 23.8 | 12.1  | 18.1#  |

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#26

2-Nitrophenol

Concen: 63.089 ng

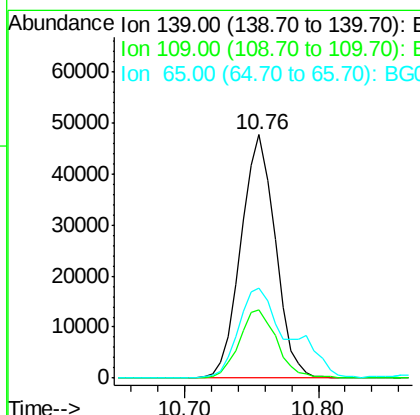
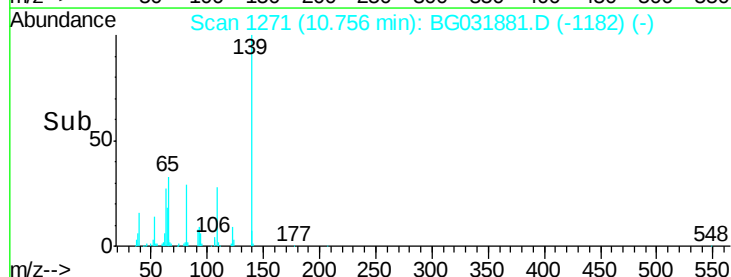
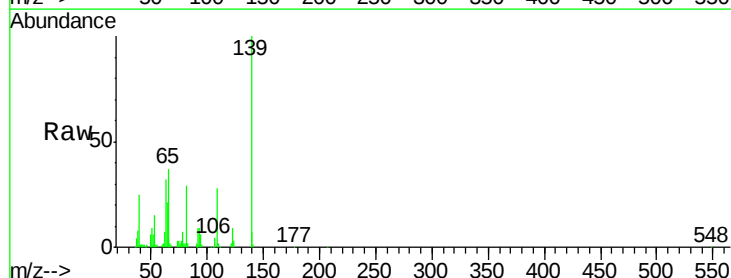
RT: 10.76 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 85058 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 28.1 | 24.2  | 36.2  |
| 65        | 36.9 | 47.4  | 71.0# |





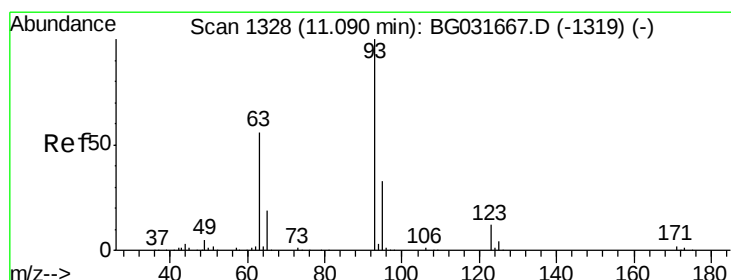
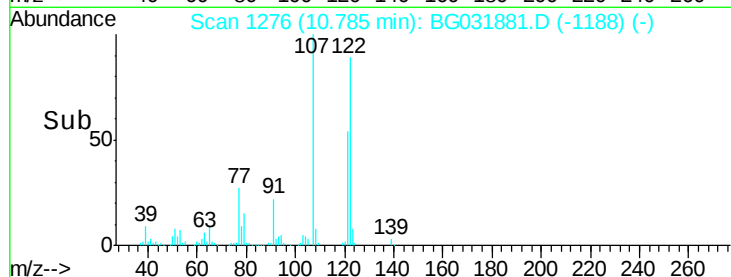
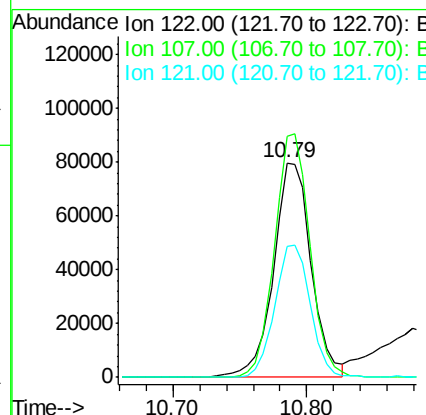
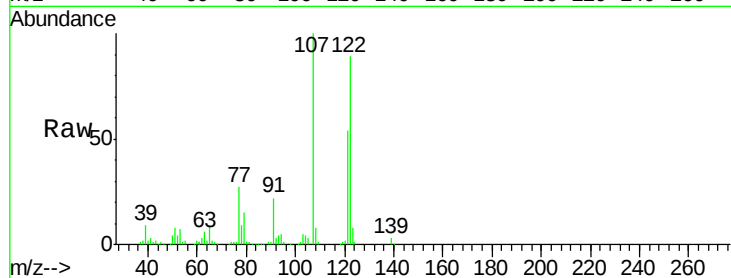
#27  
 2,4-Dimethylphenol  
 Concen: 55.361 ng  
 RT: 10.79 min Scan# 1276  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.5 | 100.2 | 150.2 |
| 121     | 60.9  | 44.4  | 66.6  |

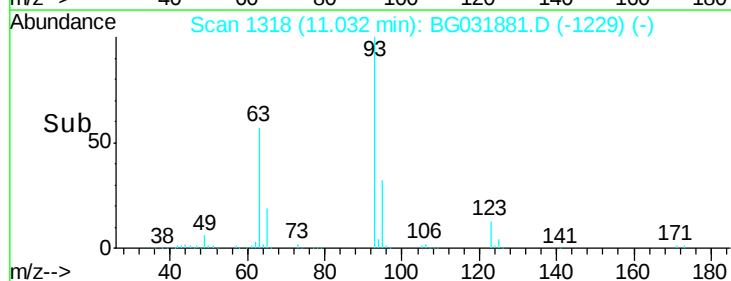
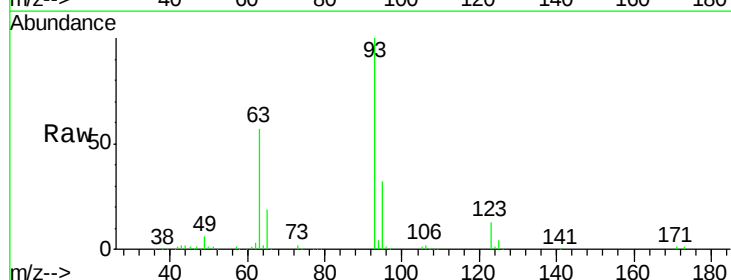
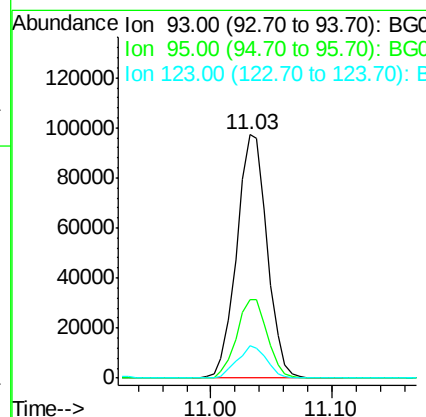
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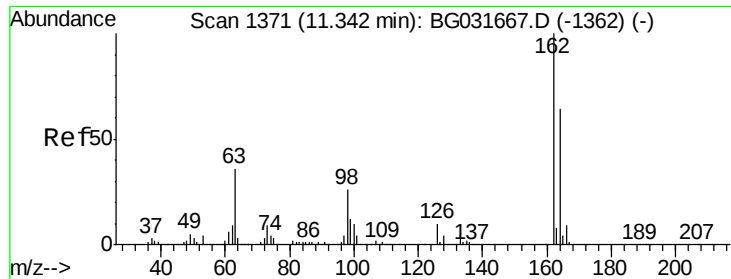
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.284 ng  
 RT: 11.03 min Scan# 1318  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 24.3  | 36.5  |
| 123     | 13.3  | 8.4   | 12.6  |





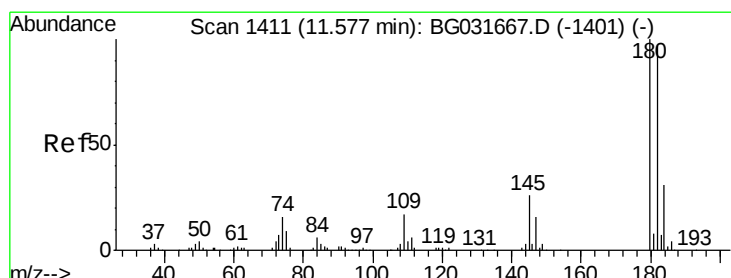
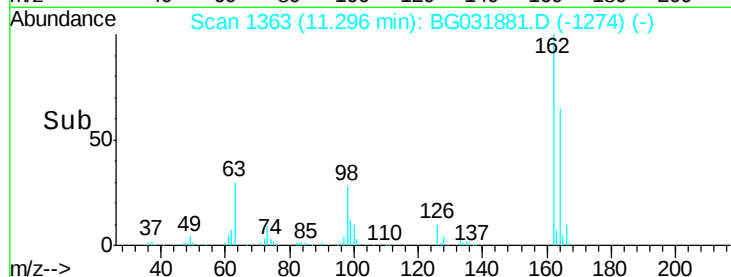
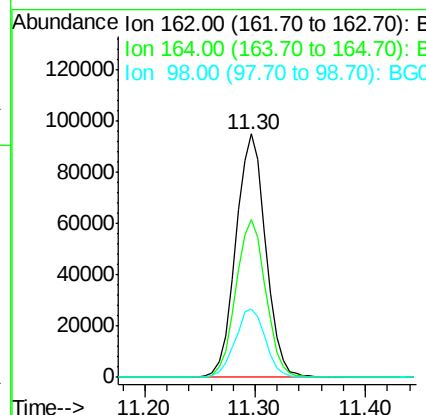
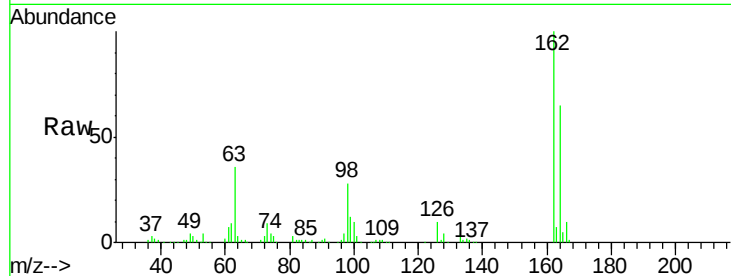
#29  
2,4-Dichlorophenol  
Concen: 54.003 ng  
RT: 11.30 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 179863 |       |       |
| 164     | 64.8  | 48.0   | 88.0  |       |
| 98      | 27.9  | 21.1   | 61.1  |       |

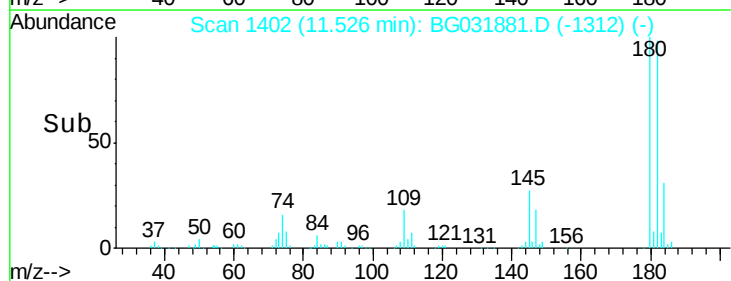
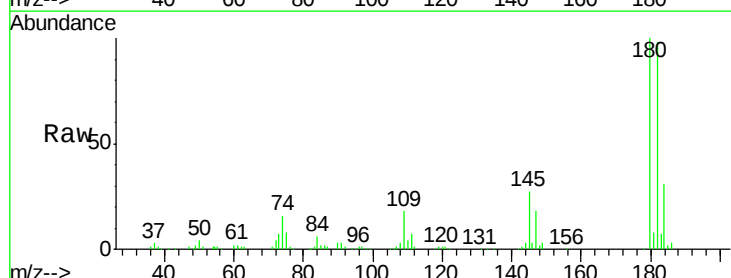
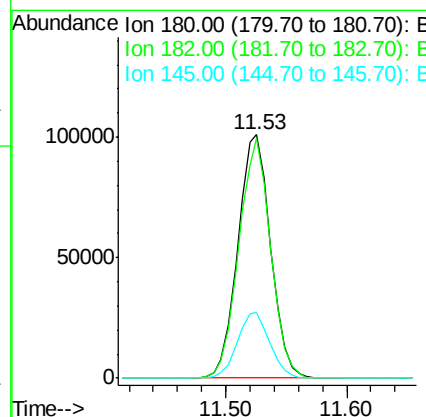
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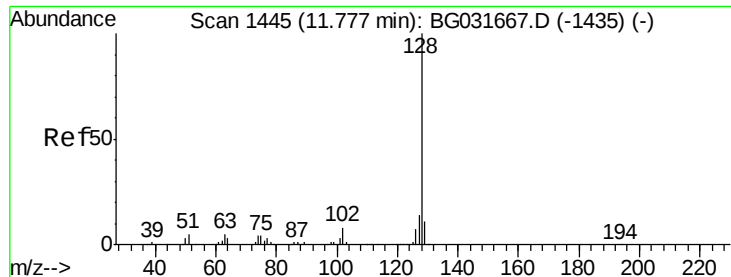
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#30  
1,2,4-Trichlorobenzene  
Concen: 46.722 ng  
RT: 11.53 min Scan# 1402  
Delta R.T. 0.00 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 190003 |       |       |
| 182     | 98.5  | 77.5   | 116.3 |       |
| 145     | 26.9  | 23.4   | 35.2  |       |





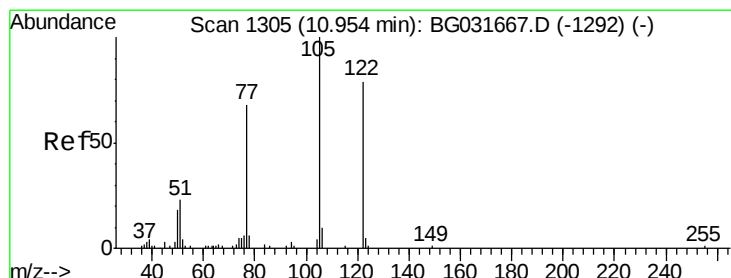
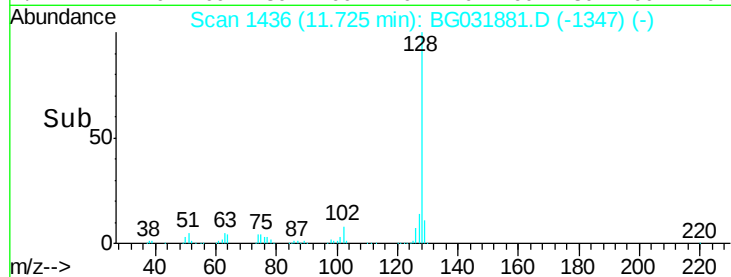
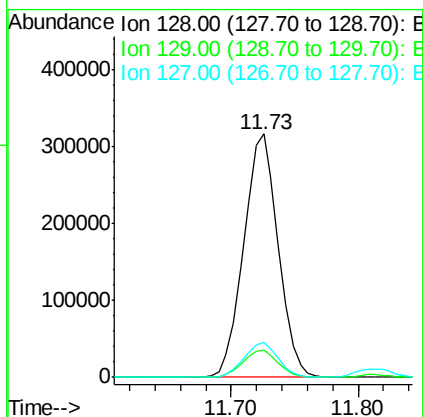
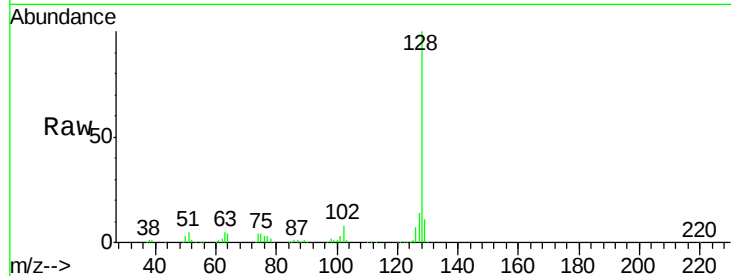
#31  
Naphthalene  
Concen: 62.673 ng  
RT: 11.73 min Scan# 1436  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 595902 |       |       |
| 129     | 11.4  |        | 8.6   | 12.8  |
| 127     | 14.3  |        | 11.6  | 17.4  |

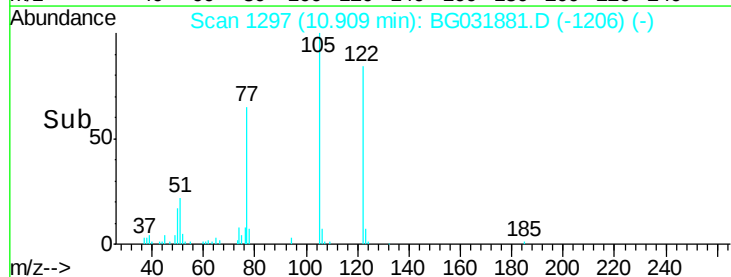
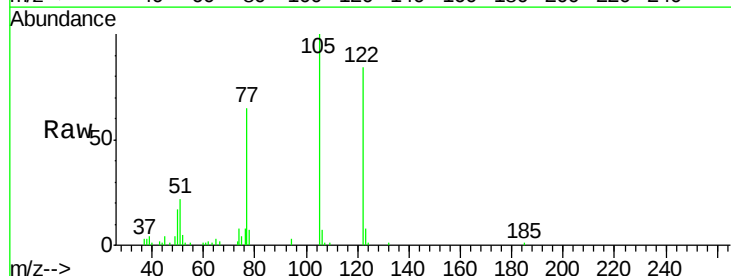
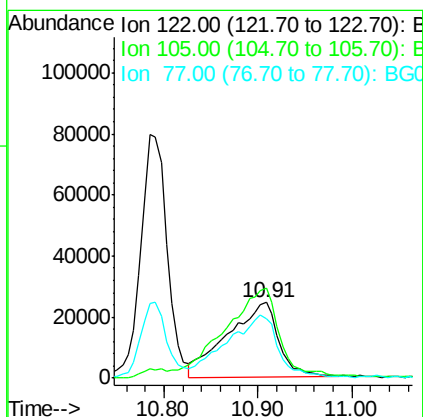
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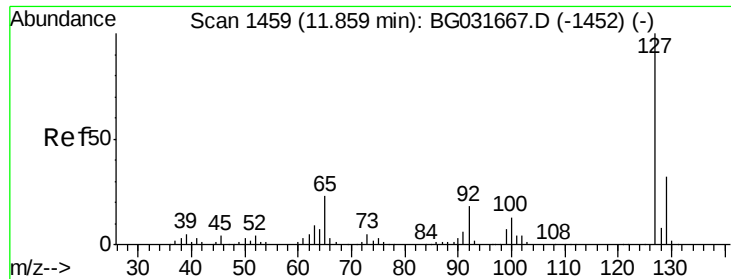
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#32  
Benzoic acid  
Concen: 47.422 ng  
RT: 10.91 min Scan# 1297  
Delta R.T. 0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 122     | 100   | 91565 |       |        |
| 105     | 119.4 |       | 123.5 | 163.5# |
| 77      | 78.2  |       | 85.7  | 125.7# |





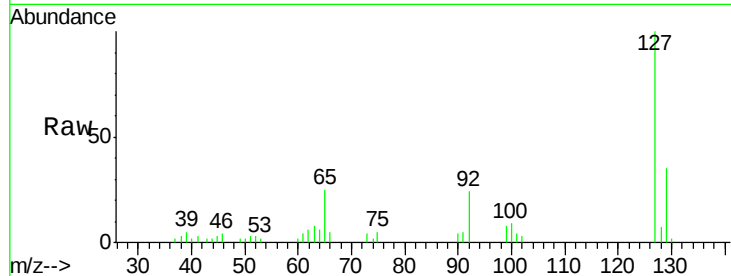
#33  
4-Chloroaniline  
Concen: 5.507 ng  
RT: 11.81 min Scan# 1450  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

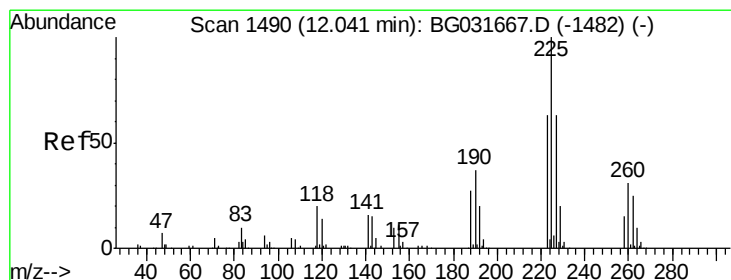
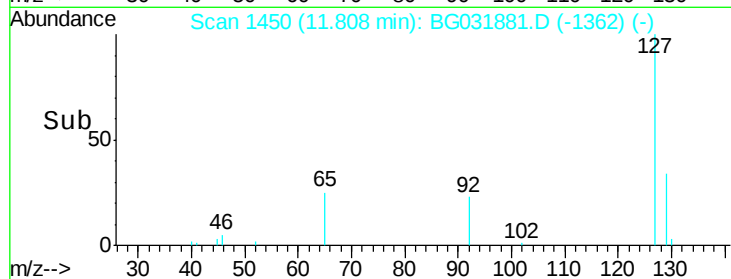
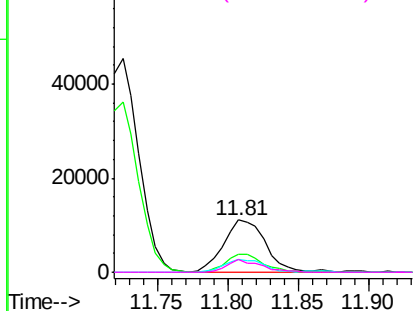
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 23311 |       |       |
| 129     | 34.5  | 24.0  | 36.0  |       |
| 65      | 25.2  | 27.0  | 40.4  |       |
| 92      | 23.8  | 16.6  | 25.0  |       |

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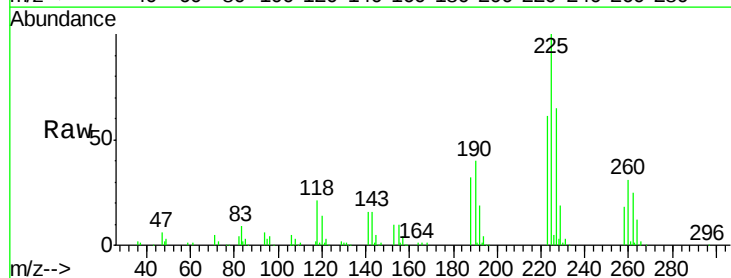


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

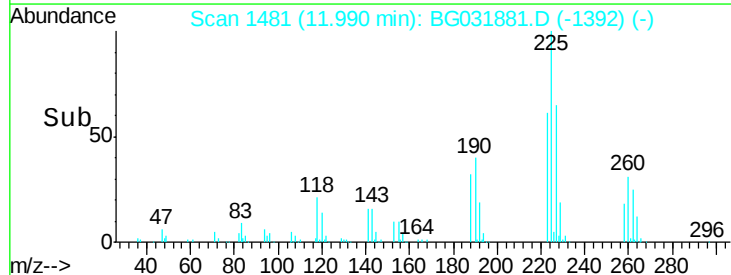
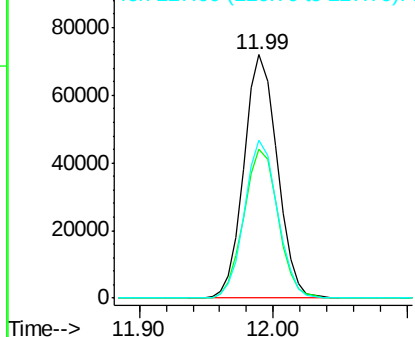


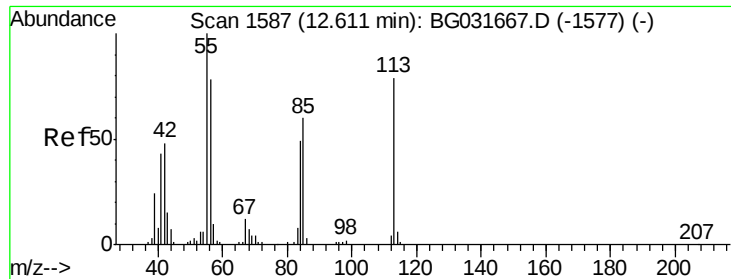
#34  
Hexachlorobutadiene  
Concen: 44.472 ng  
RT: 11.99 min Scan# 1481  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 124159 |       |       |
| 223     | 60.9  | 49.7   | 74.5  |       |
| 227     | 64.9  | 48.1   | 72.1  |       |



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





#35

Caprolactam

Concen: 51.567 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

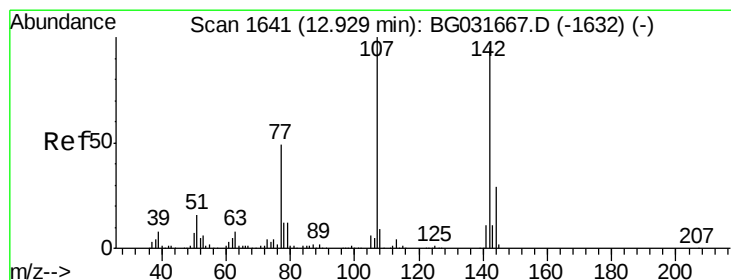
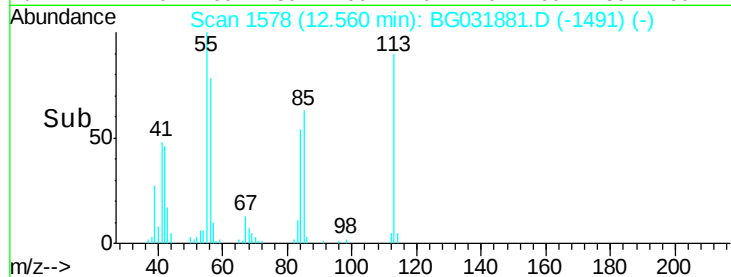
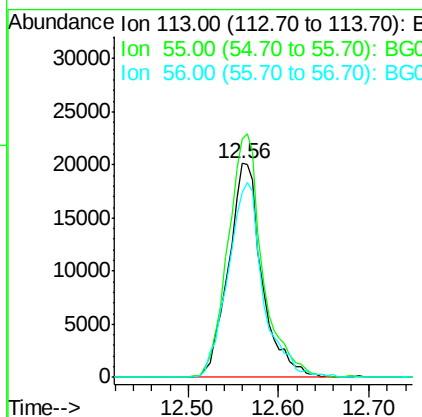
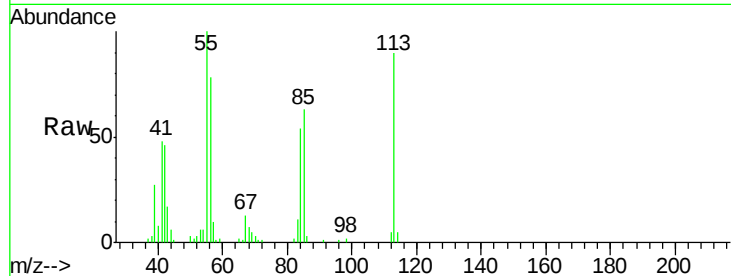
ClientSampleId :

TR-05-122817MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 52060  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 111.7 | 186.9 | 226.9# |
| 56        | 86.8  | 130.9 | 170.9# |

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#36

4-Chloro-3-methylphenol

Concen: 55.610 ng

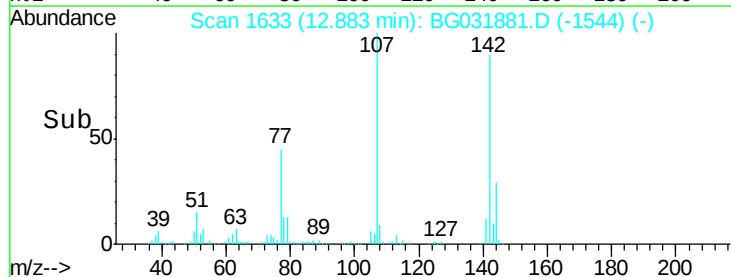
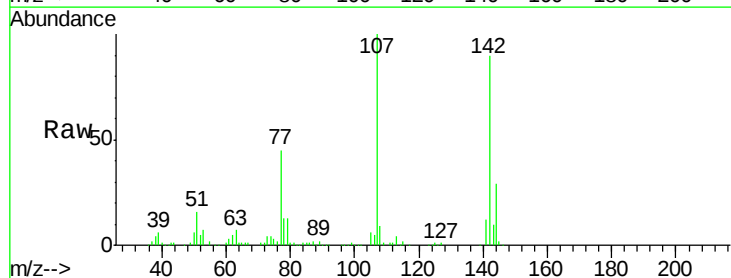
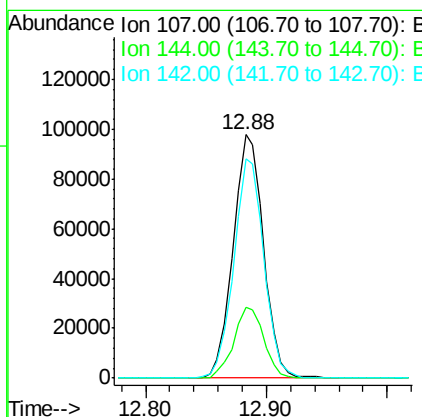
RT: 12.88 min Scan# 1633

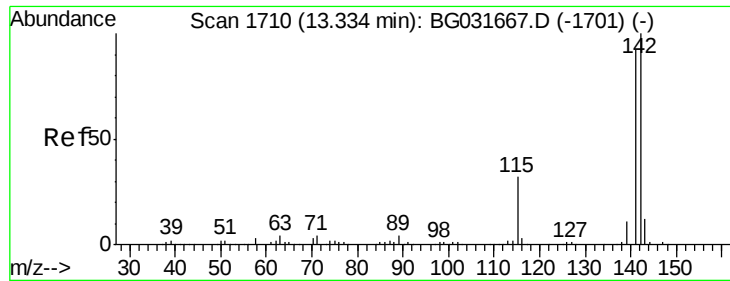
Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 171055 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 28.9  | 18.2  | 27.4#  |
| 142       | 90.0  | 59.0  | 88.4#  |





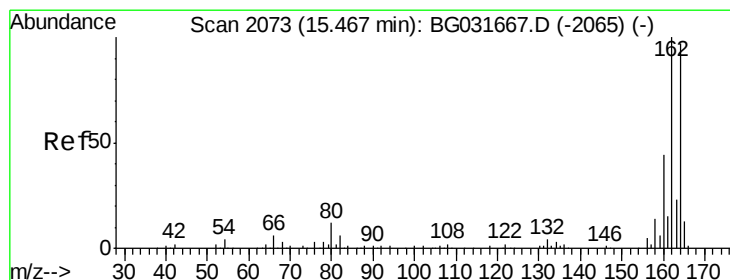
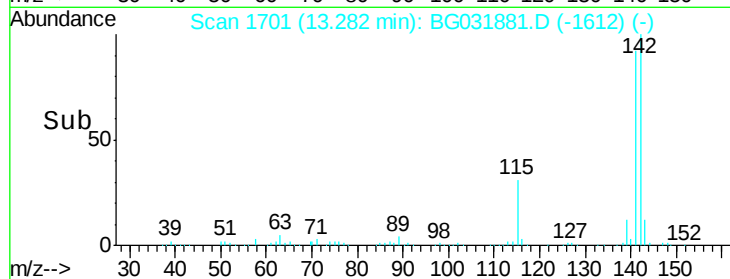
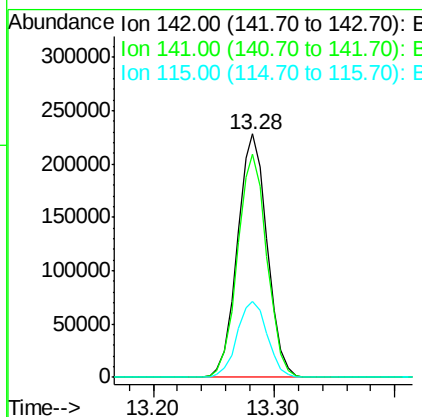
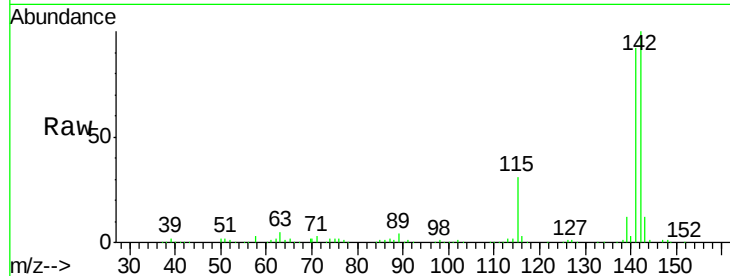
#37  
 2-Methylnaphthalene  
 Concen: 50.460 ng  
 RT: 13.28 min Scan# 1701  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 67.1  | 100.7 |
| 115     | 31.0  | 30.7  | 46.1  |

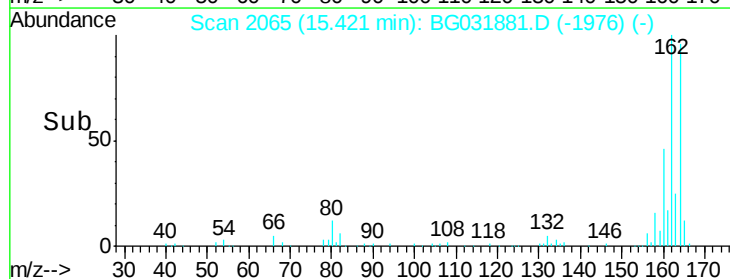
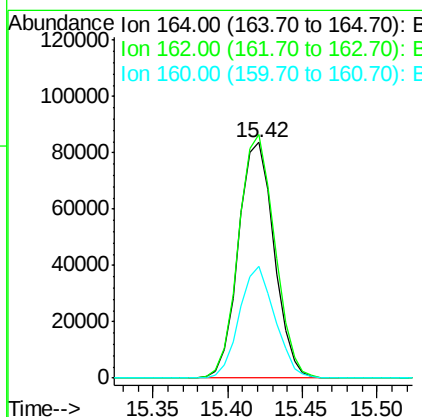
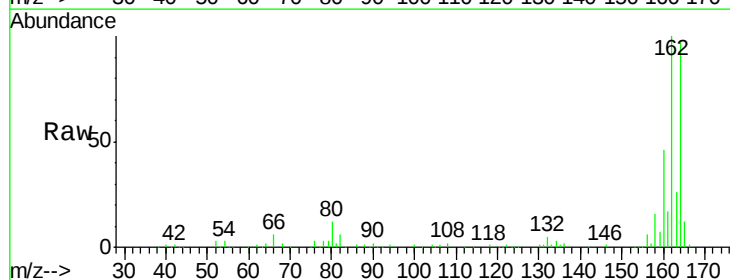
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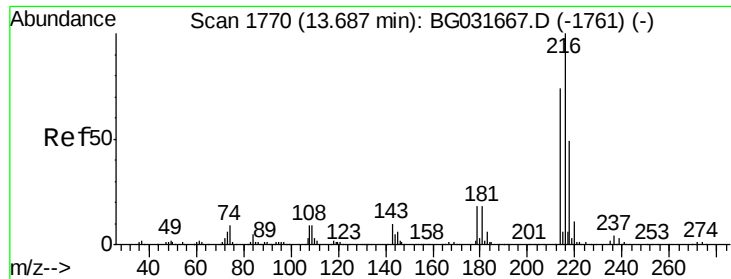
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#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.42 min Scan# 2065  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.4 | 78.8  | 118.2 |
| 160     | 47.5  | 35.4  | 53.0  |





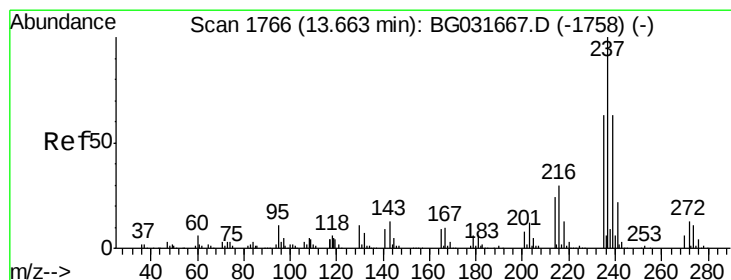
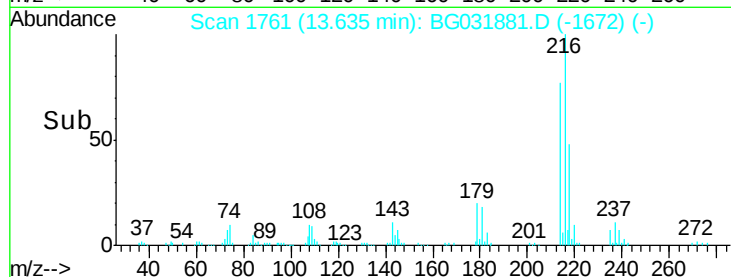
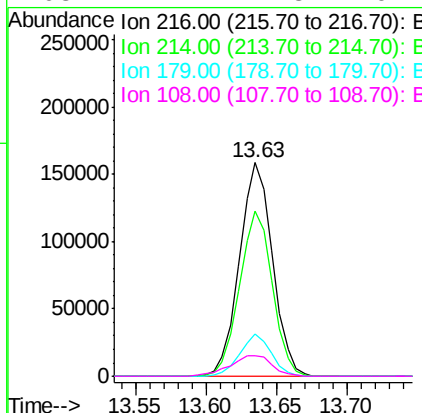
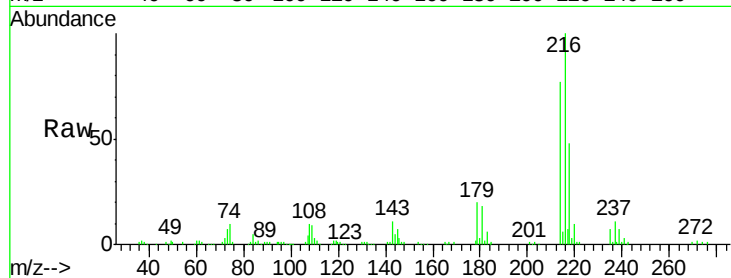
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.323 ng  
 RT: 13.63 min Scan# 1761  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 259138 |       |       |
| 214     | 77.1  | 63.0   | 94.4  |       |
| 179     | 18.6  | 17.0   | 25.6  |       |
| 108     | 12.2  | 12.8   | 19.2  |       |

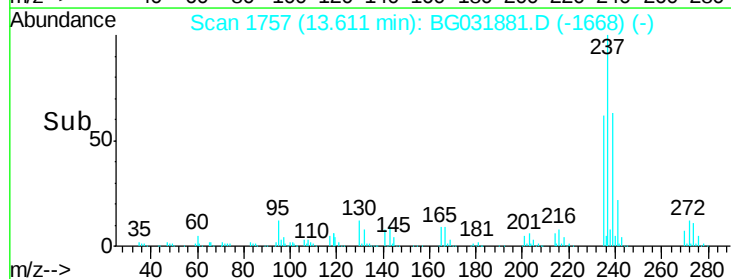
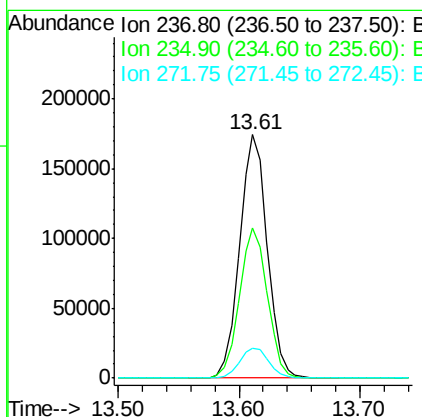
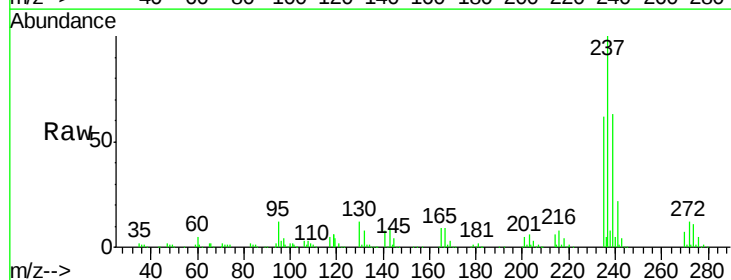
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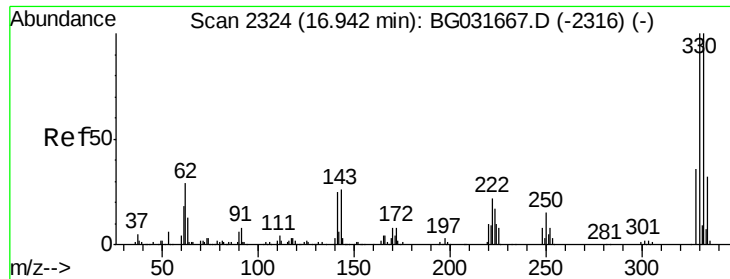
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#40  
 Hexachlorocyclopentadiene  
 Concen: 90.141 ng  
 RT: 13.61 min Scan# 1757  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 278024 |       |       |
| 235     | 61.7  | 50.4   | 90.4  |       |
| 272     | 12.4  | 0.0    | 31.8  |       |





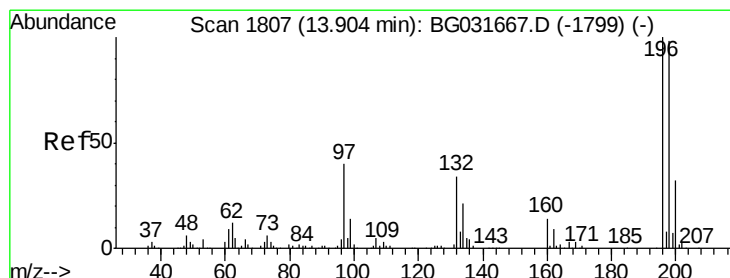
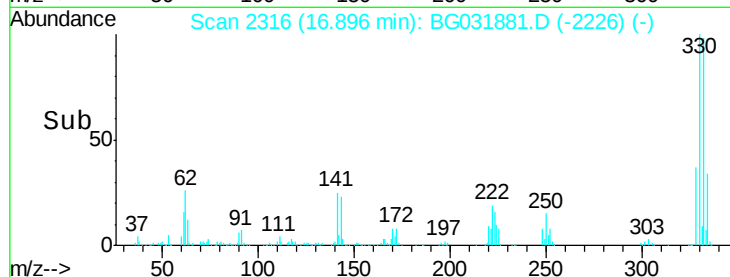
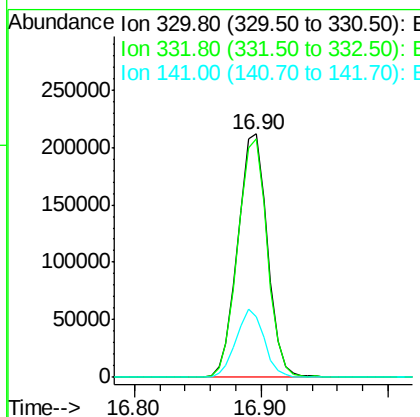
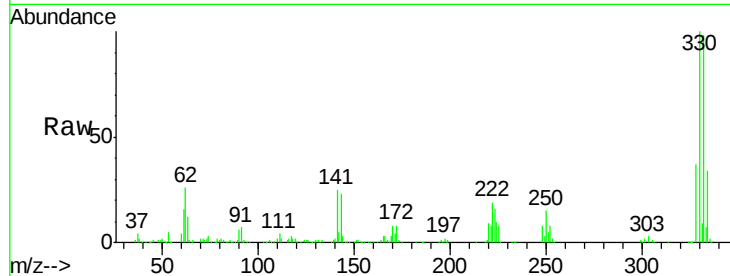
#41  
 2,4,6-Tribromophenol  
 Concen: 162.052 ng  
 RT: 16.90 min Scan# 2316  
 Delta R.T. 0.00 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.2  | 77.0  | 115.6 |
| 141     | 26.3  | 25.2  | 37.8  |

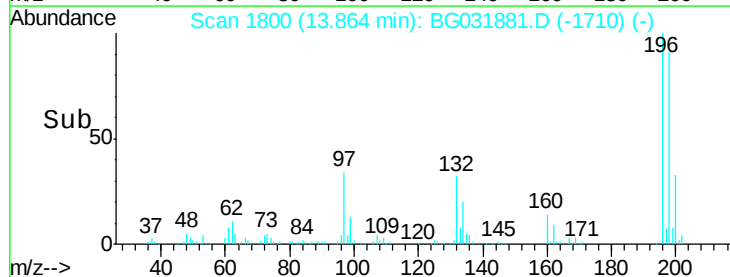
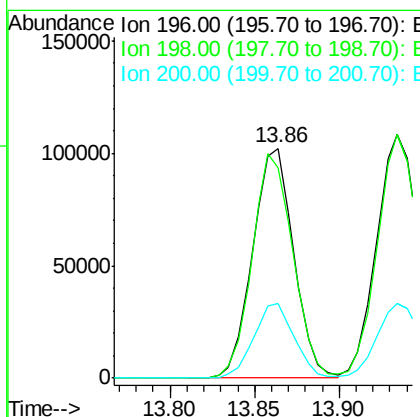
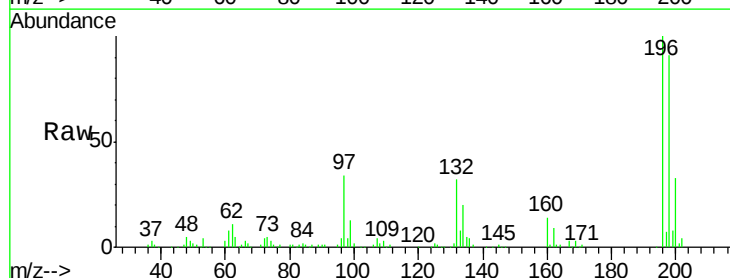
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#42  
 2,4,6-Trichlorophenol  
 Concen: 50.973 ng  
 RT: 13.86 min Scan# 1800  
 Delta R.T. 0.00 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.4  | 78.2  | 117.2 |
| 200     | 32.7  | 24.6  | 36.8  |





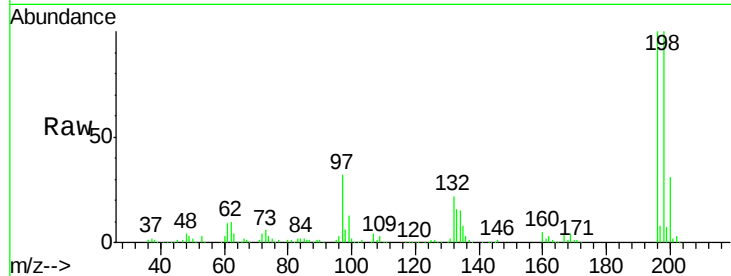
#43  
 2,4,5-Trichlorophenol  
 Concen: 50.583 ng  
 RT: 13.93 min Scan# 1812  
 Delta R.T. 0.00 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 188963 |       |       |
| 198     | 100.1 | 76.2   | 114.4 |       |
| 97      | 32.4  | 38.7   | 58.1  |       |
| 132     | 22.4  | 20.2   | 30.2  |       |

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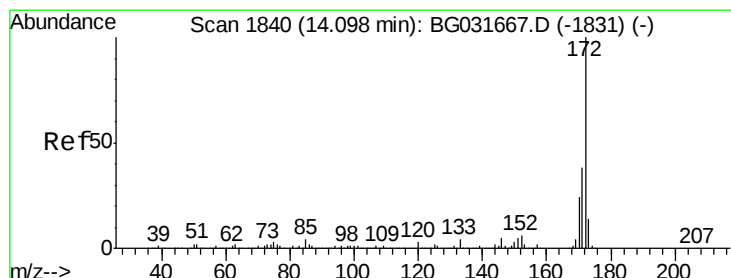
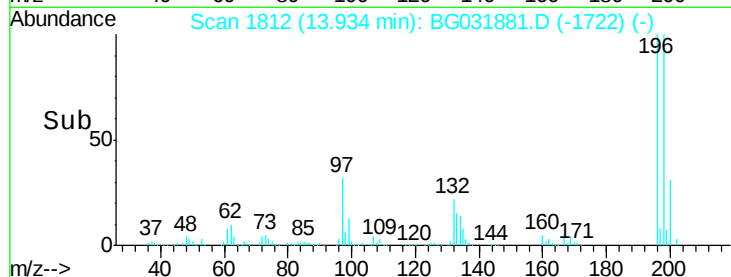
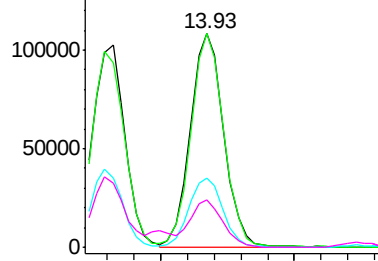
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 86.281 ng  
 RT: 14.05 min Scan# 1831  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

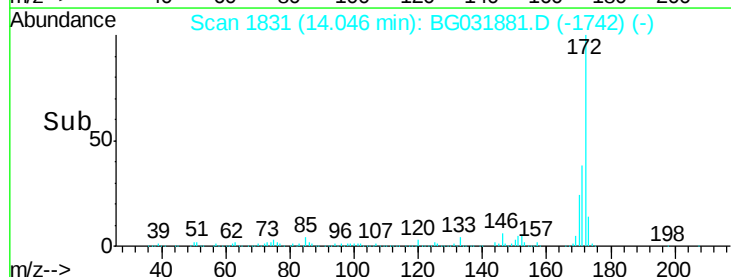
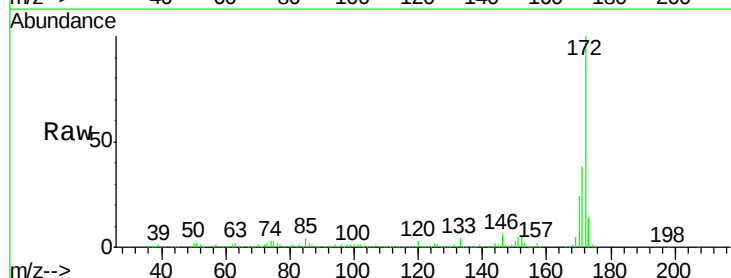
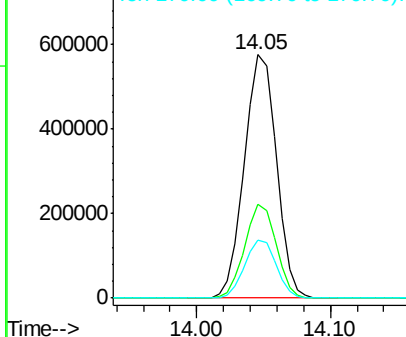
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 954192 |       |       |
| 171     | 38.4  | 30.0   | 45.0  |       |
| 170     | 23.6  | 19.5   | 29.3  |       |

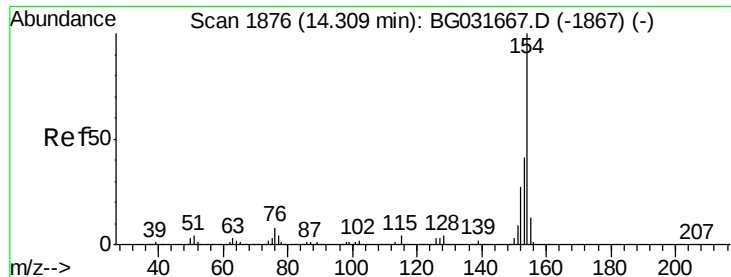
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.427 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

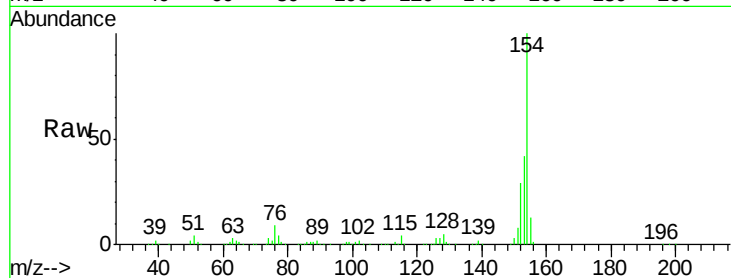
ClientSampleId :

TR-05-122817MSD

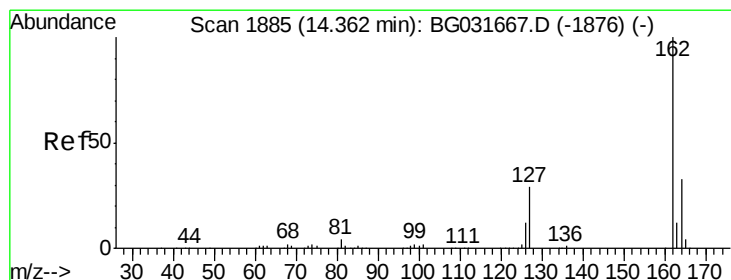
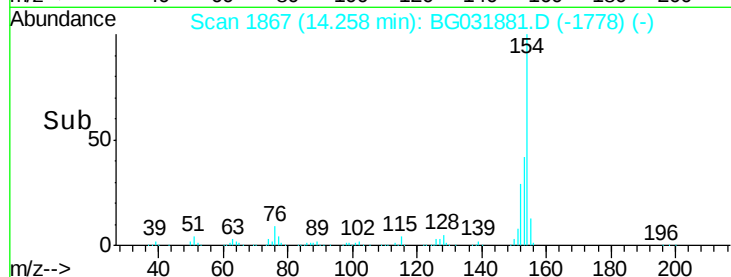
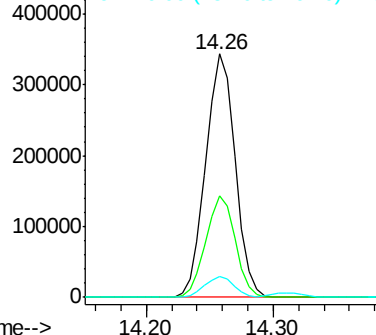
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 550411 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.6  | 19.8  | 59.8   |
| 76        | 8.7   | 0.0   | 31.9   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 46.253 ng

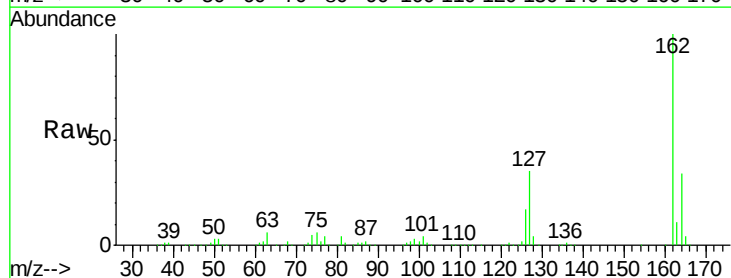
RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

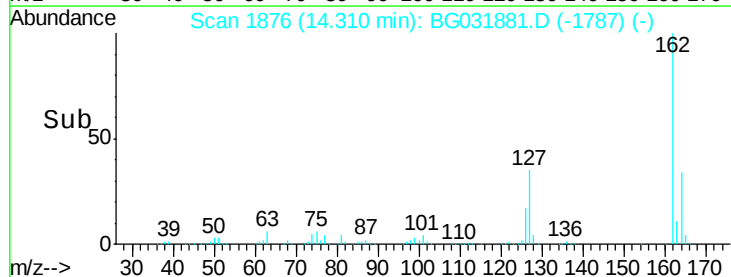
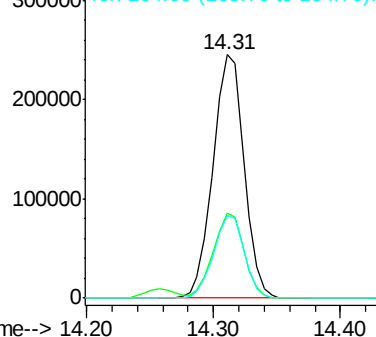
Lab File: BG031881.D

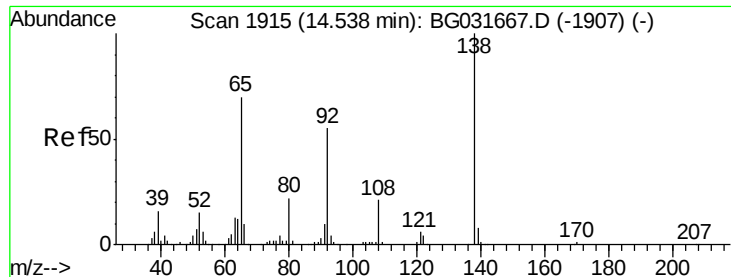
Acq: 2 Jan 2018 21:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 418256 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 34.8  | 30.7  | 46.1   |
| 164       | 33.8  | 26.0  | 39.0   |



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





#47

2-Nitroaniline

Concen: 60.375 ng

RT: 14.49 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

ClientSampleId :

TR-05-122817MSD

Tgt Ion: 65 Resp: 94292

Ion Ratio Lower Upper

65 100

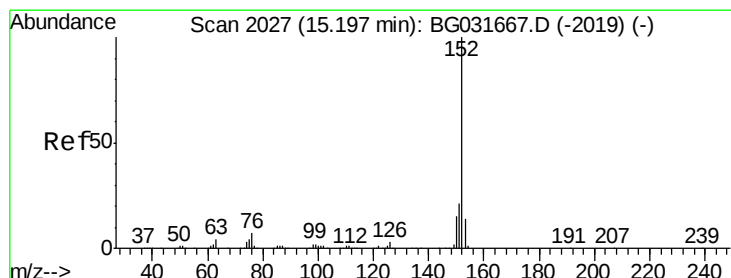
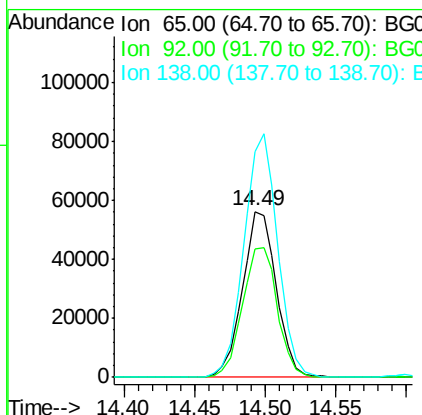
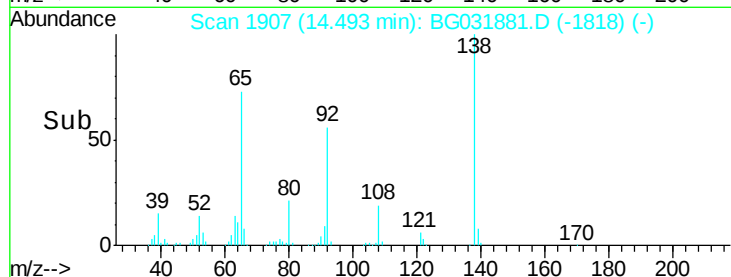
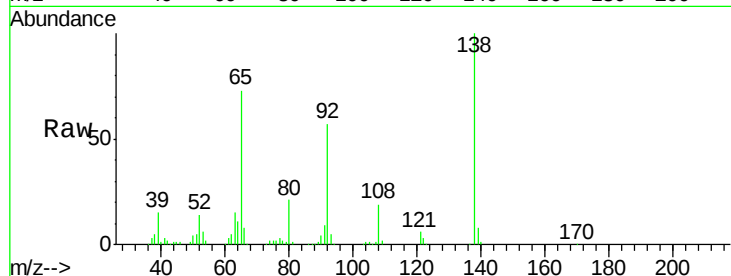
92 77.6 54.6 82.0

138 136.4 72.9 109.3#

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#48

Acenaphthylene

Concen: 45.679 ng

RT: 15.15 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

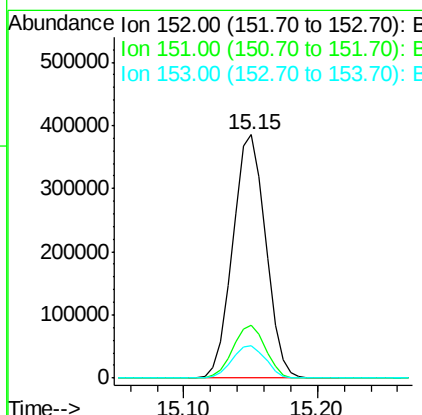
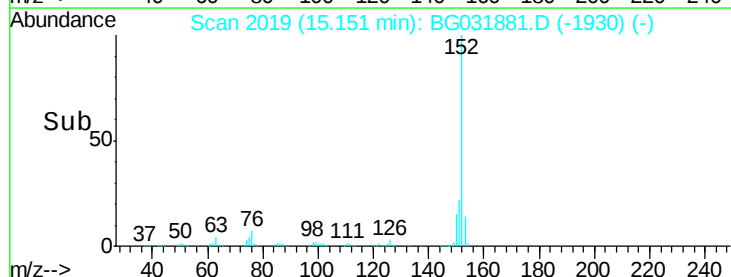
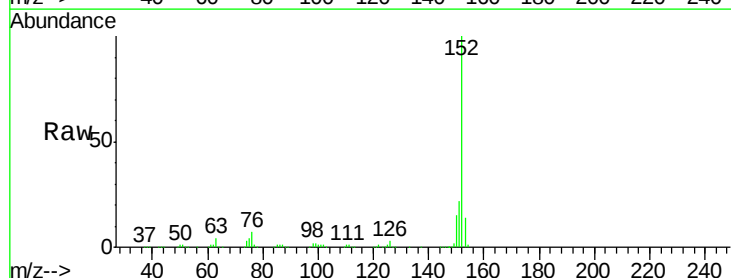
Tgt Ion: 152 Resp: 660828

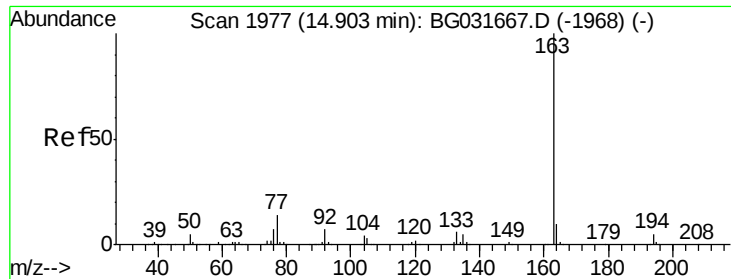
Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

153 13.5 10.2 15.4





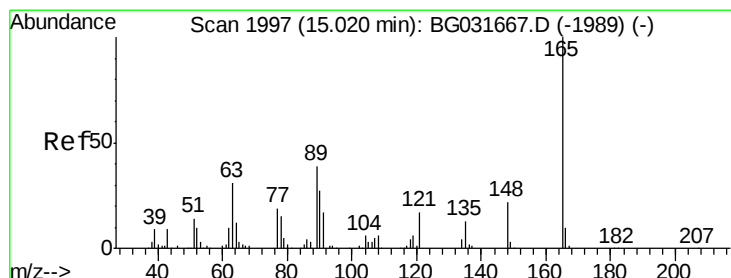
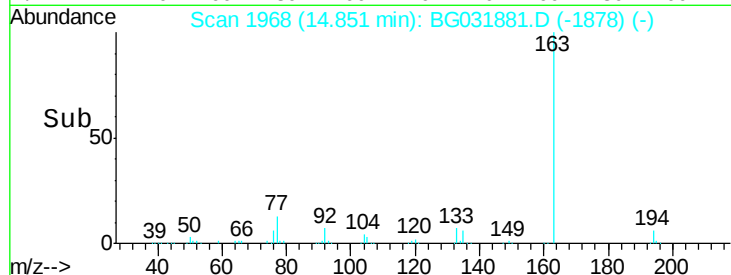
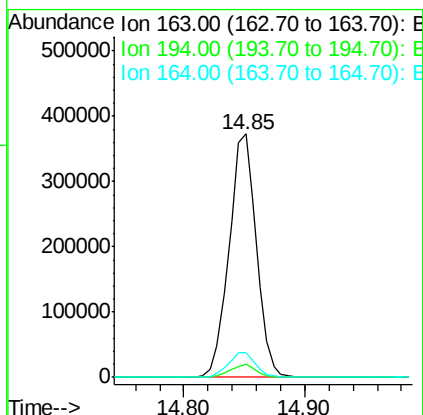
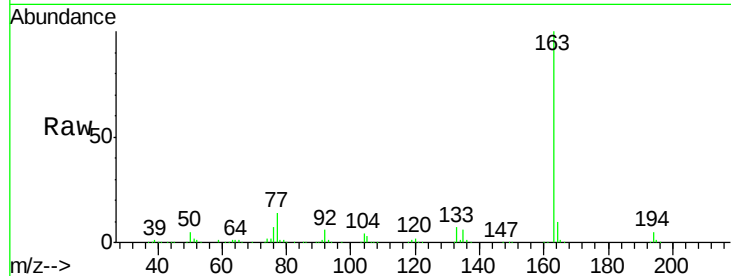
#49  
Dimethylphthalate  
Concen: 47.800 ng  
RT: 14.85 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

Tgt Ion:163 Resp: 584507  
Ion Ratio Lower Upper  
163 100  
194 5.3 3.4 5.2#  
164 9.9 8.2 12.4

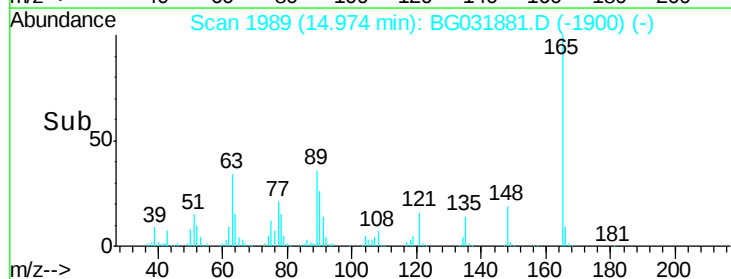
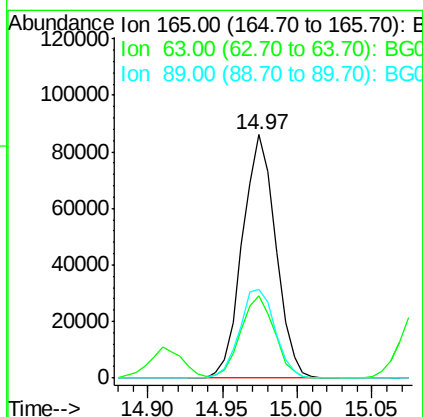
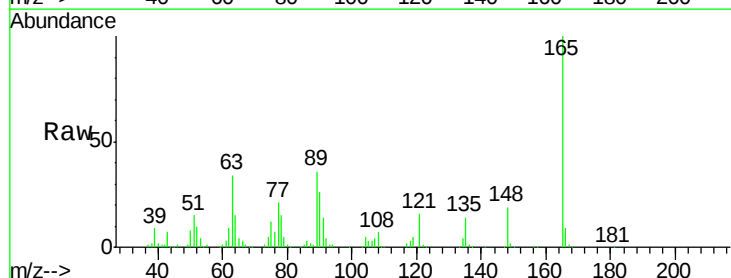
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#50  
2,6-Dinitrotoluene  
Concen: 58.942 ng  
RT: 14.97 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Tgt Ion:165 Resp: 132592  
Ion Ratio Lower Upper  
165 100  
63 33.7 52.7 79.1#  
89 36.2 49.2 73.8#





#51

Acenaphthene

Concen: 51.864 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

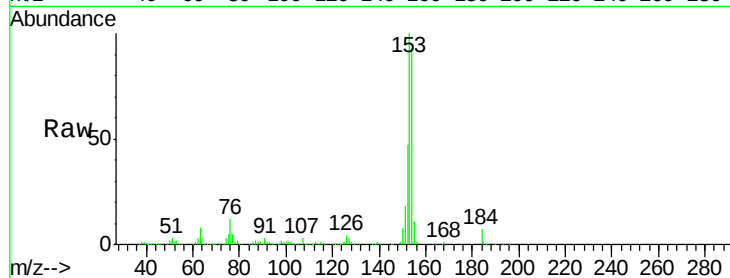
ClientSampleId :

TR-05-122817MSD

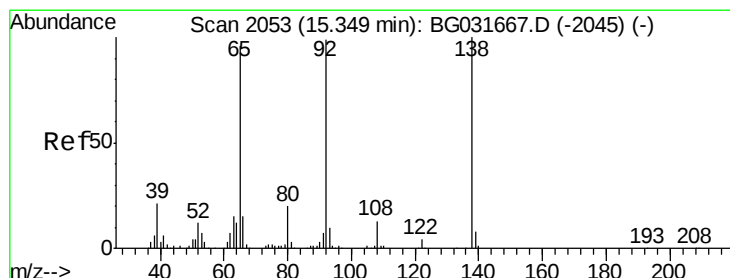
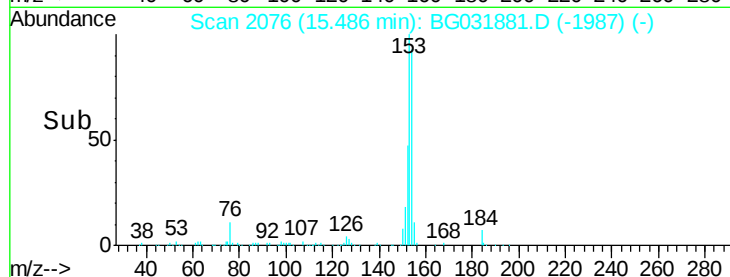
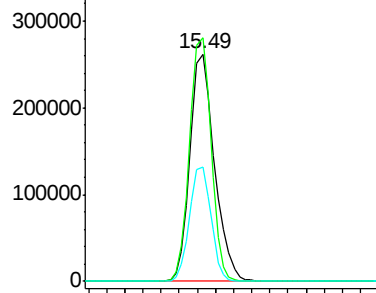
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 491395 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 107.1 | 90.4  | 135.6  |
| 152       | 50.4  | 41.6  | 62.4   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.705 ng

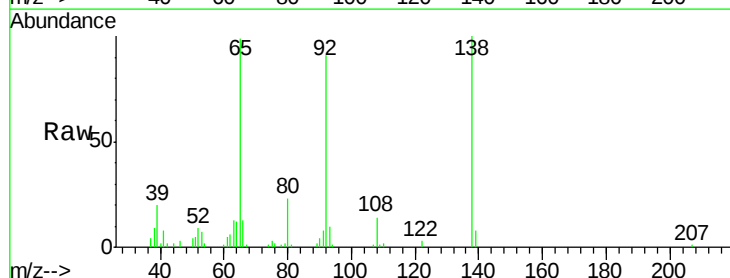
RT: 15.30 min Scan# 2045

Delta R.T. -0.01 min

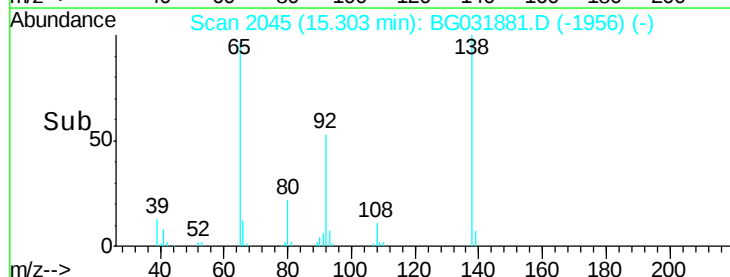
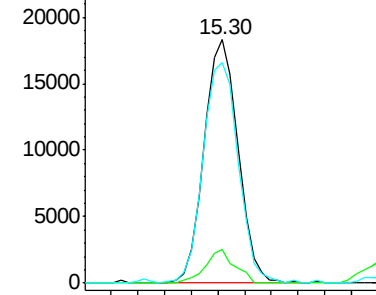
Lab File: BG031881.D

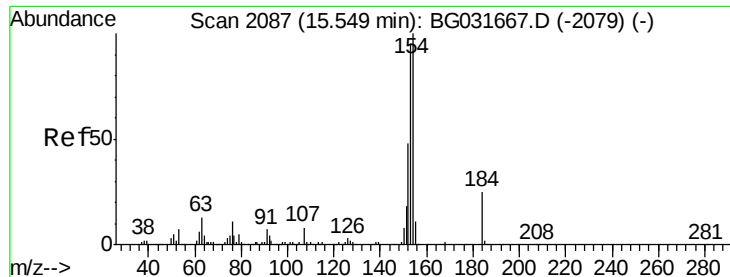
Acq: 2 Jan 2018 21:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 32273  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 13.9  | 17.5  | 26.3#  |
| 92        | 90.6  | 105.8 | 158.8# |



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





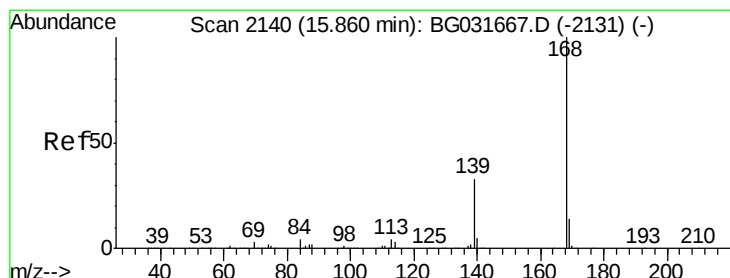
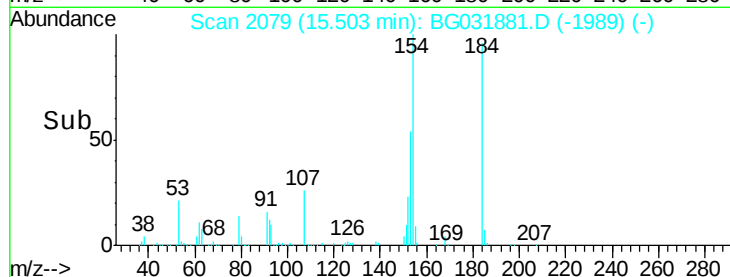
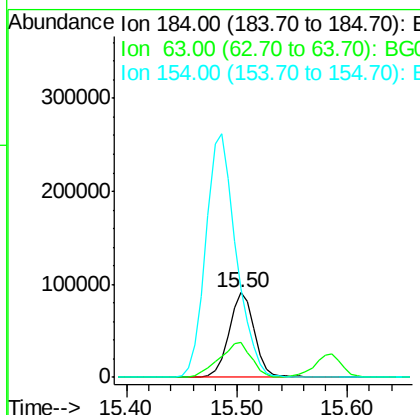
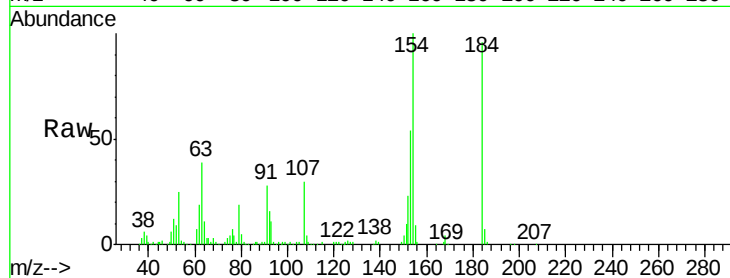
#53  
2,4-Dinitrophenol  
Concen: 147.607 ng  
RT: 15.50 min Scan# 2079  
Delta R.T. 0.00 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 40.9  | 59.8  | 89.8# |
| 154     | 104.7 | 101.8 | 152.8 |

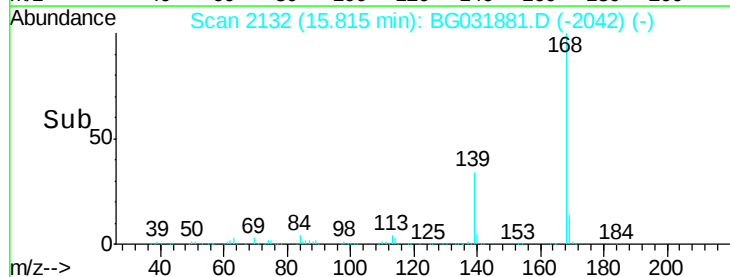
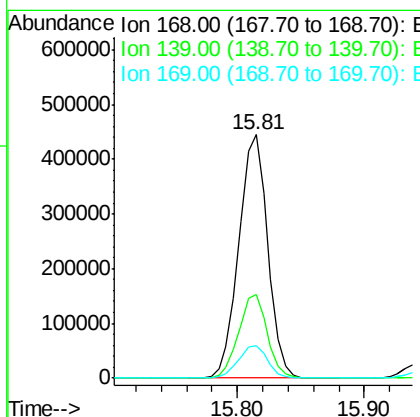
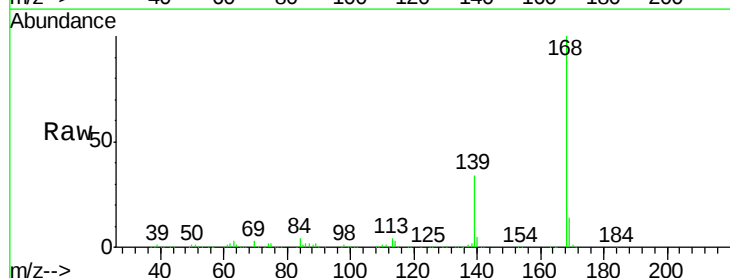
Manual Integrations  
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#54  
Dibenzofuran  
Concen: 48.296 ng  
RT: 15.81 min Scan# 2132  
Delta R.T. 0.00 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.3  | 28.6  | 43.0  |
| 169     | 13.6  | 11.2  | 16.8  |





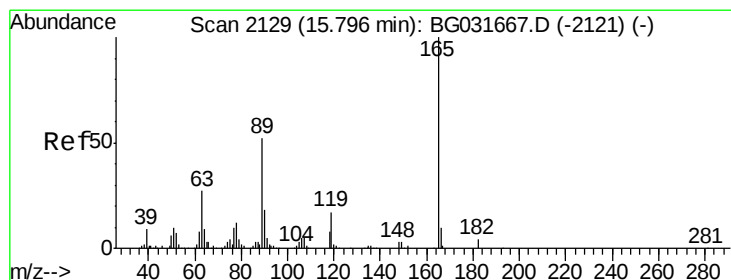
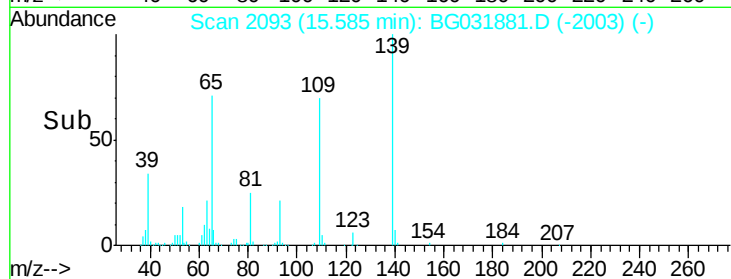
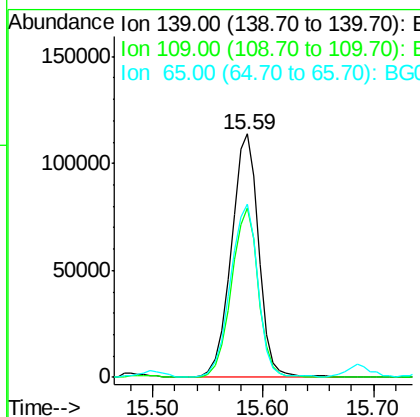
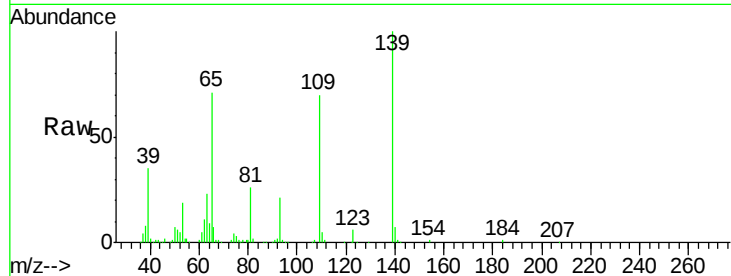
#55  
4-Nitrophenol  
Concen: 110.409 ng  
RT: 15.59 min Scan# 2093  
Delta R.T. 0.00 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 197223 |       |       |
| 109     | 69.8  | 62.2   | 102.2 |       |
| 65      | 71.3  | 97.2   | 137.2 |       |

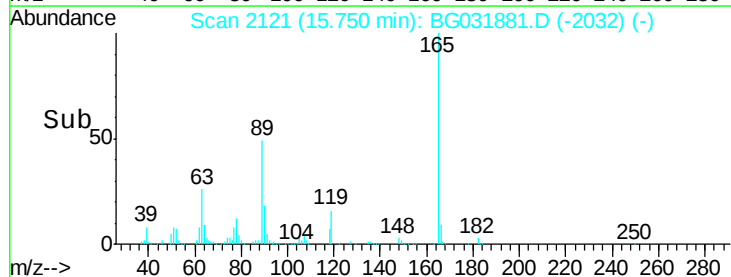
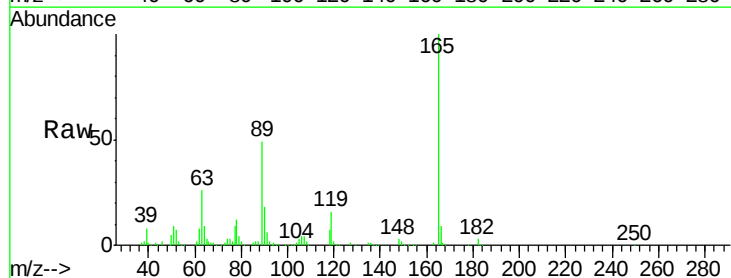
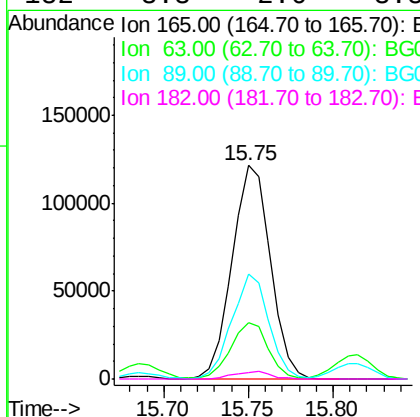
Manual Integrations  
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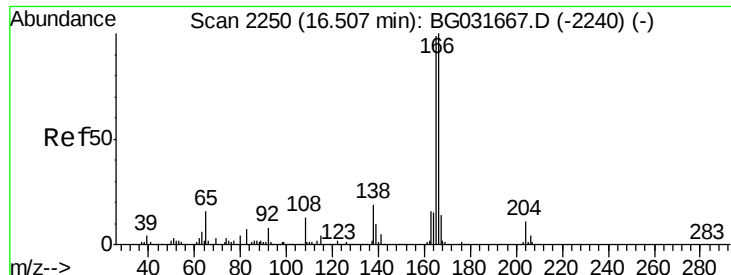
Sohil  
1/3/2018 10:25:21 AM



#56  
2,4-Dinitrotoluene  
Concen: 66.245 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 191619 |       |       |
| 63      | 26.2  | 42.0   | 63.0  |       |
| 89      | 49.2  | 66.9   | 100.3 |       |
| 182     | 3.3   | 2.6    | 3.8   |       |





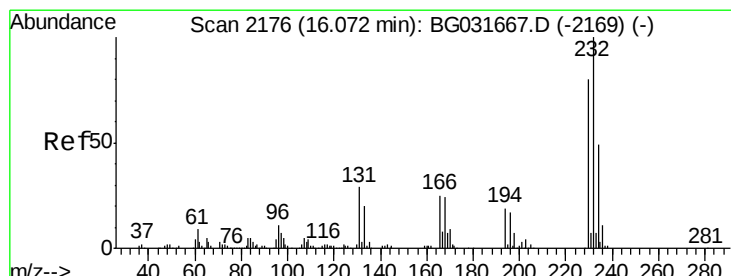
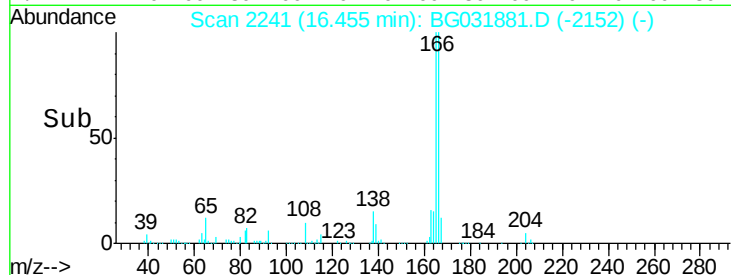
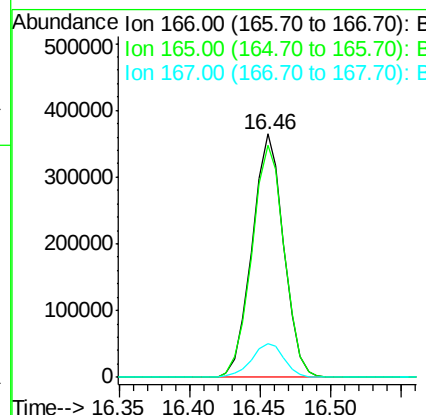
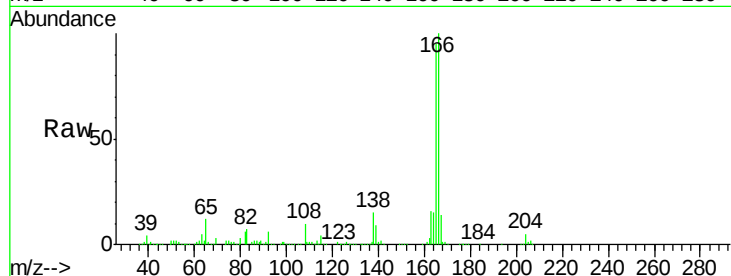
#57  
 Fluorene  
 Concen: 48.529 ng  
 RT: 16.46 min Scan# 2241  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 572579 |       |       |
| 165     | 95.5  | 80.6   | 121.0 |       |
| 167     | 13.6  | 10.4   | 15.6  |       |

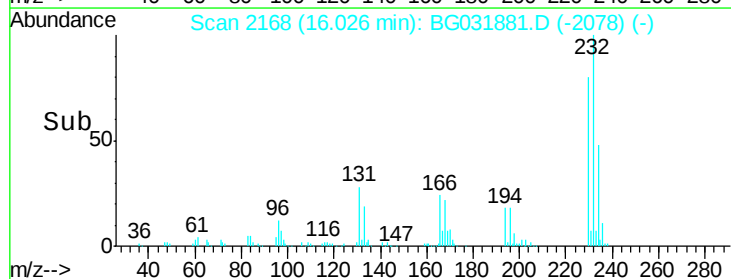
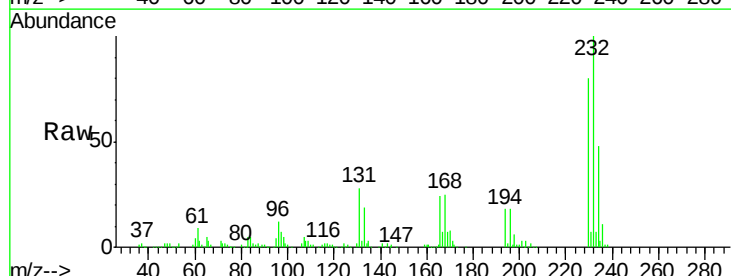
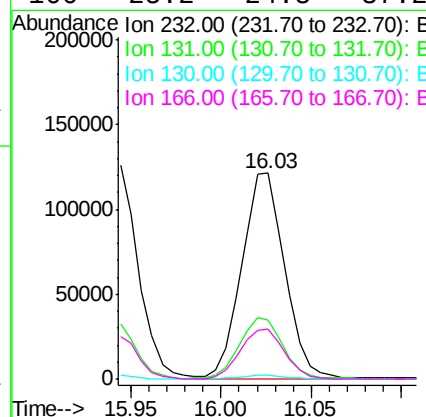
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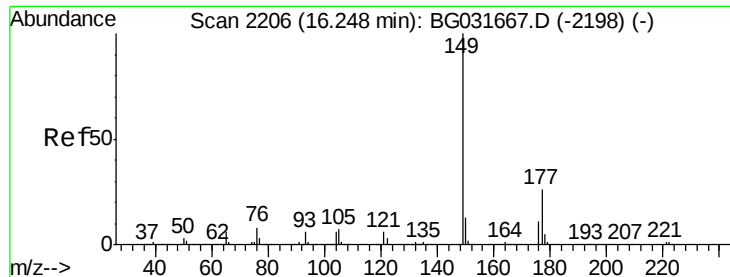
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 55.132 ng m  
 RT: 16.03 min Scan# 2168  
 Delta R.T. 0.00 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 200940 |       |       |
| 131     | 30.2  | 33.5   | 50.3# |       |
| 130     | 1.9   | 2.2    | 3.2#  |       |
| 166     | 25.2  | 24.8   | 37.2  |       |





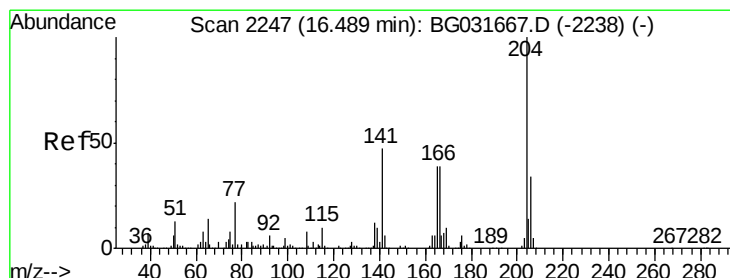
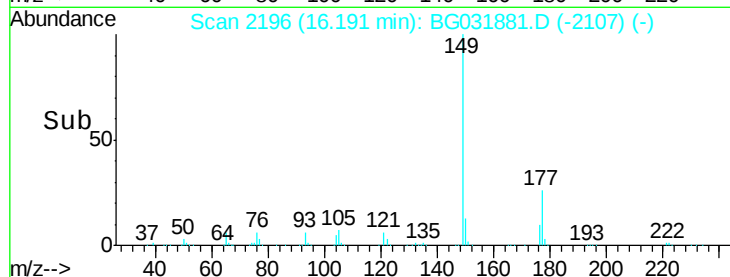
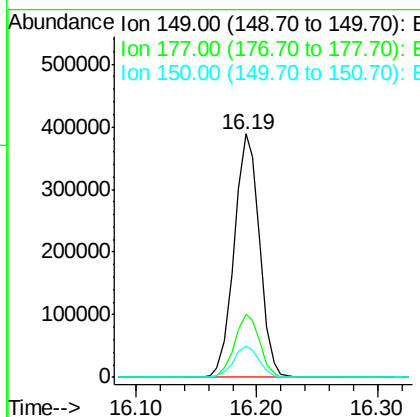
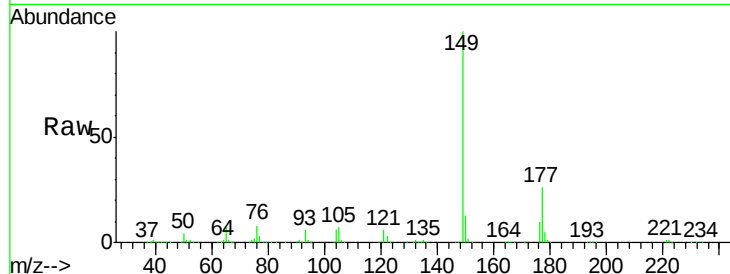
#59  
Diethylphthalate  
Concen: 47.507 ng  
RT: 16.19 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 26.1  | 18.5  | 27.7  |
| 150     | 12.6  | 10.2  | 15.2  |

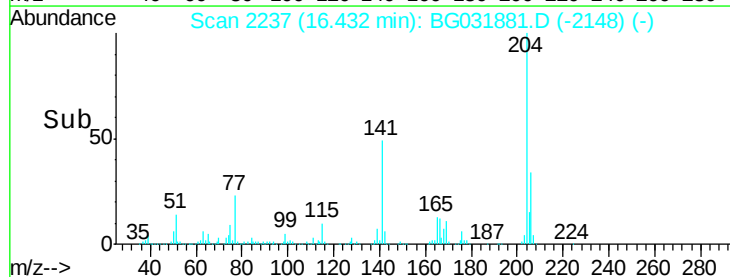
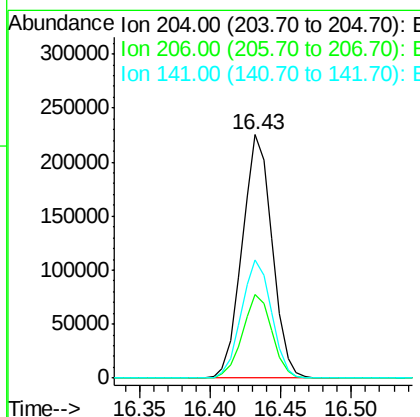
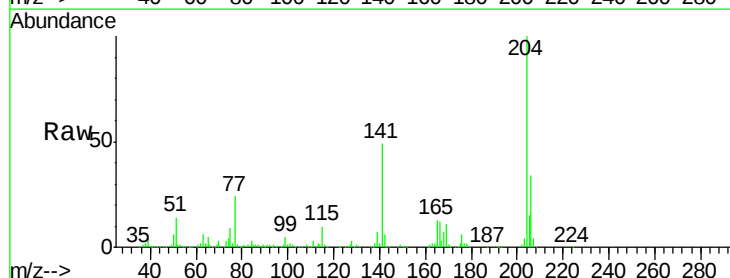
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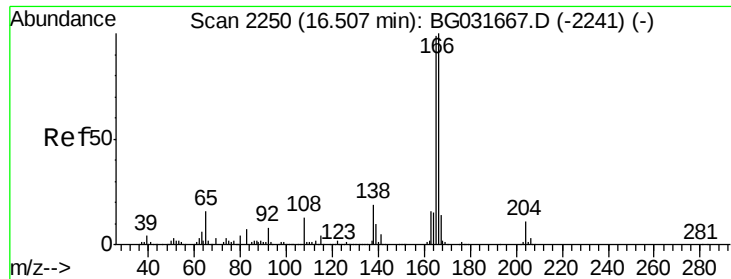
Sohil  
1/3/2018 10:25:21 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 46.368 ng  
RT: 16.43 min Scan# 2237  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.3  | 26.2  | 39.2  |
| 141     | 48.6  | 45.8  | 68.6  |





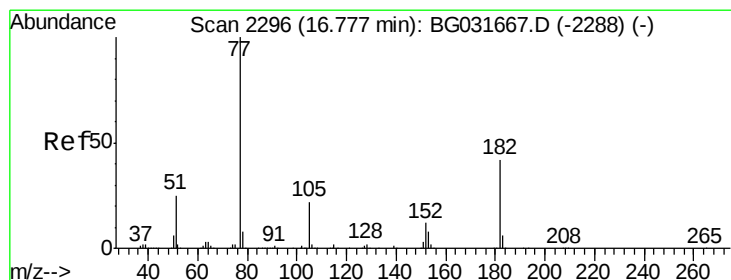
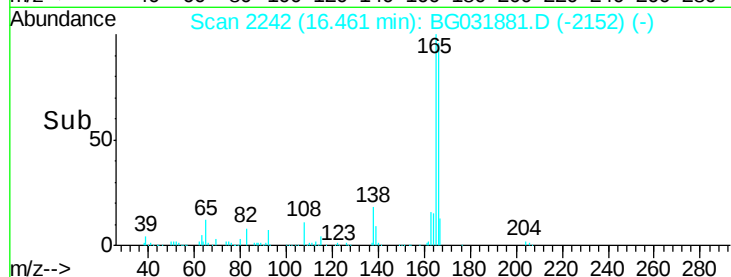
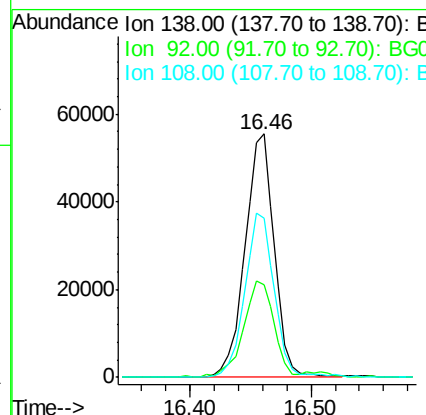
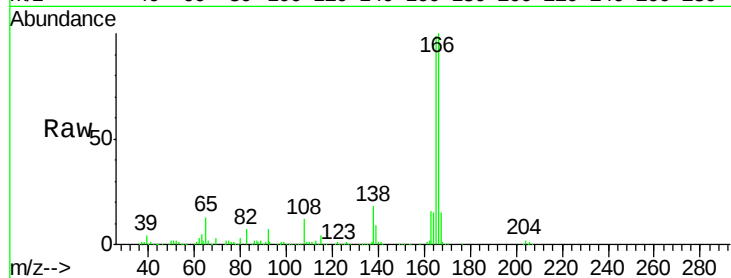
#61  
4-Nitroaniline  
Concen: 43.766 ng  
RT: 16.46 min Scan# 2242  
Delta R.T. 0.00 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

Tgt Ion:138 Resp: 93733  
Ion Ratio Lower Upper  
138 100  
92 37.9 40.1 80.1#  
108 65.5 65.4 105.4

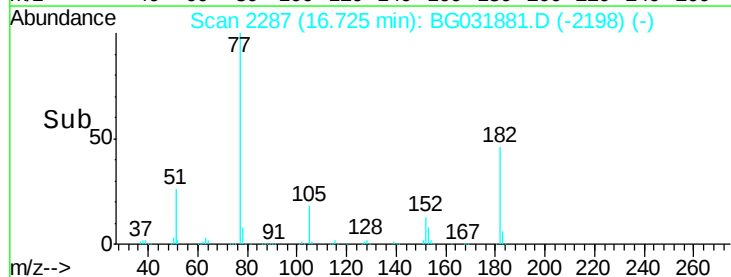
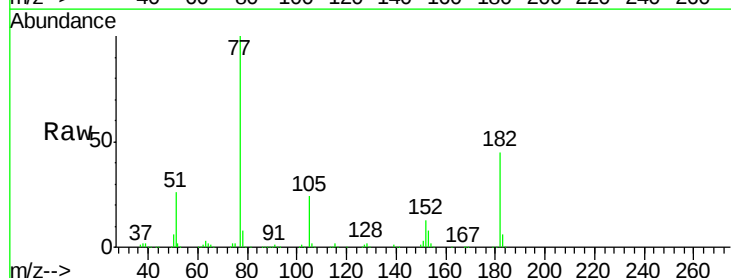
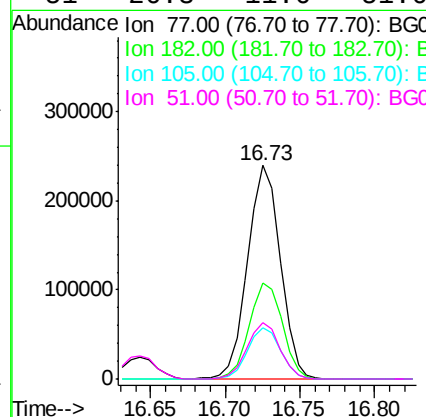
Manual Integrations  
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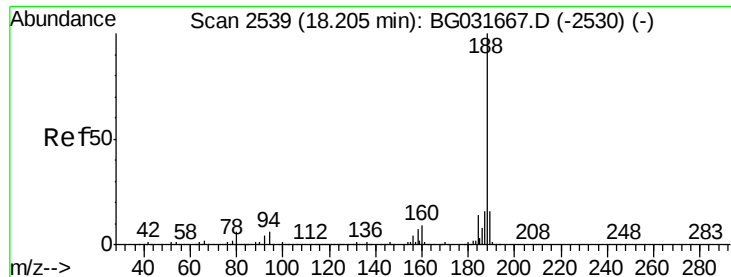
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#62  
Azobenzene  
Concen: 47.648 ng  
RT: 16.73 min Scan# 2287  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Tgt Ion: 77 Resp: 364198  
Ion Ratio Lower Upper  
77 100  
182 44.9 7.4 47.4  
105 23.8 0.3 40.3  
51 26.3 11.6 51.6





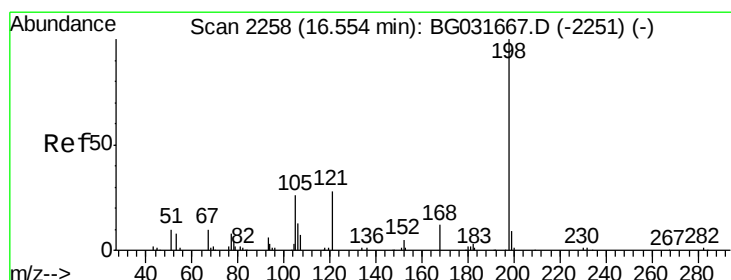
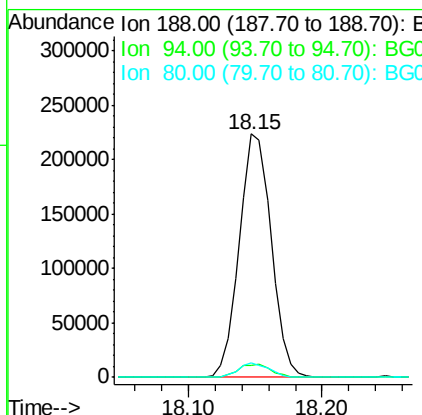
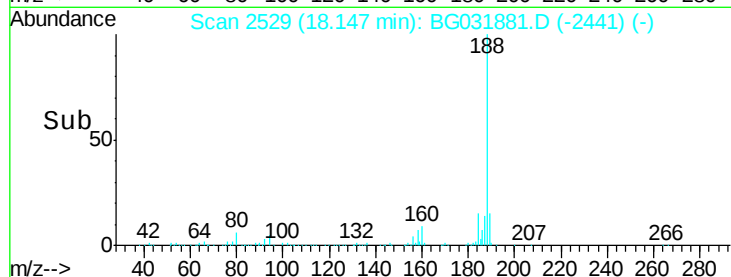
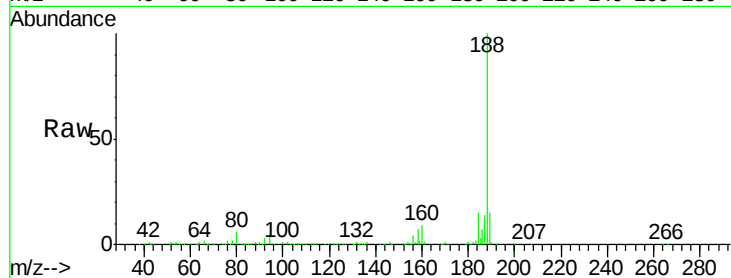
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.15 min Scan# 2529  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 5.1   | 6.9        | 10.3#      |
| 80      | 5.7   | 7.7        | 11.5#      |

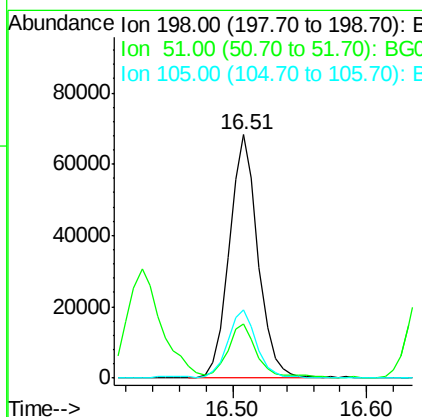
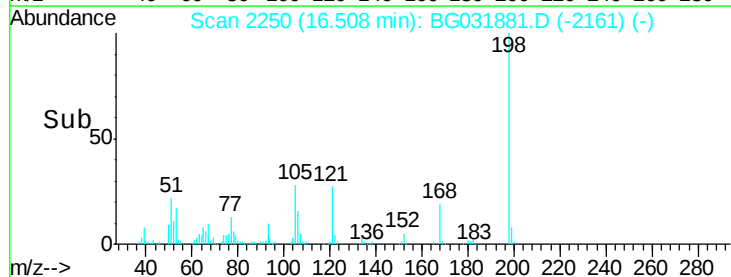
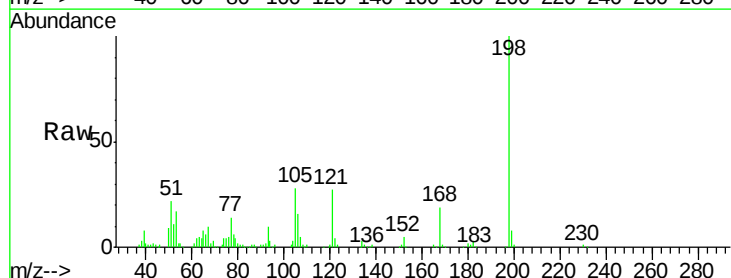
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 55.299 ng  
RT: 16.51 min Scan# 2250  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 22.2  | 30.6       | 70.6#      |
| 105     | 28.2  | 23.8       | 63.8       |





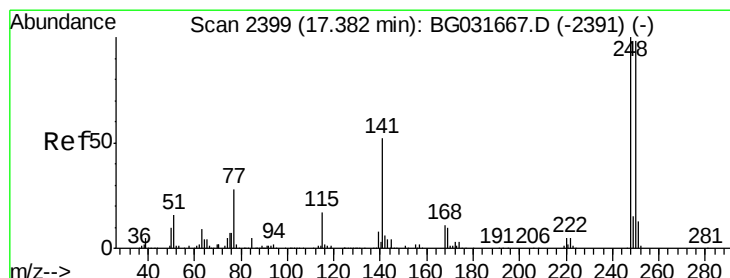
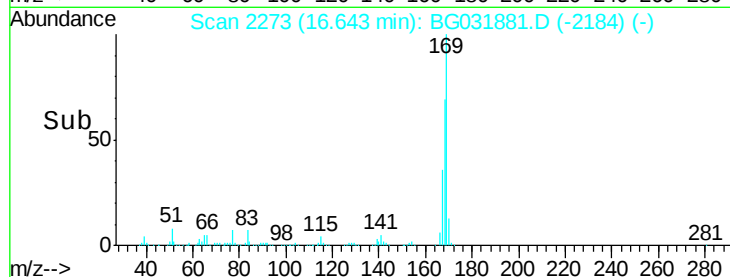
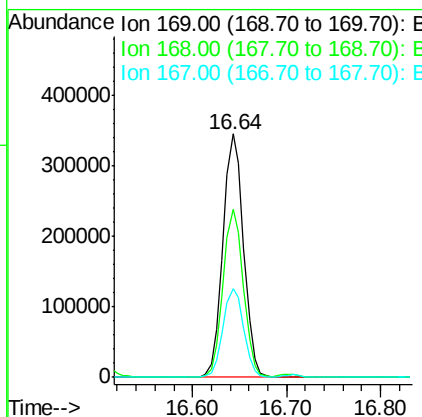
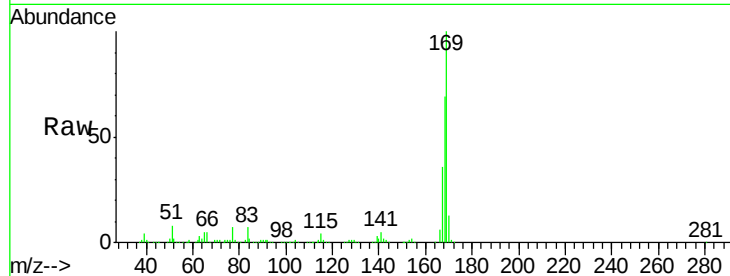
#65  
n-Nitrosodiphenylamine  
Concen: 43.004 ng  
RT: 16.64 min Scan# 2273  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 527871 |       |       |
| 168     | 69.3  |        | 55.7  | 83.5  |
| 167     | 36.2  |        | 30.1  | 45.1  |

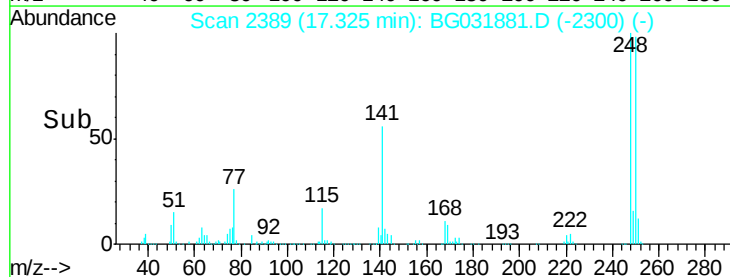
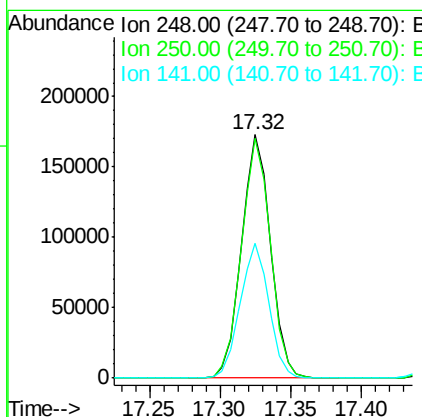
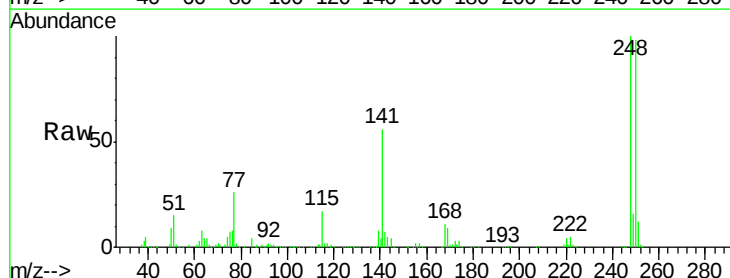
Manual Integrations  
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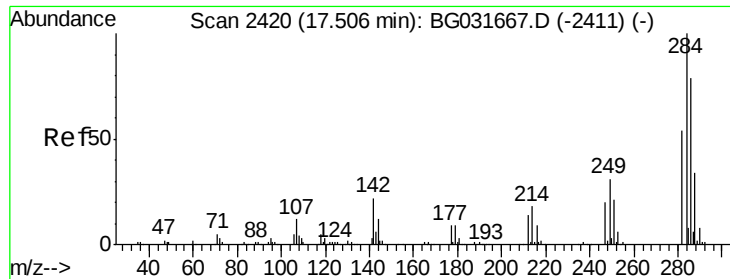
Sohil  
1/3/2018 10:25:21 AM



#66  
4-Bromophenyl-phenylether  
Concen: 46.314 ng  
RT: 17.32 min Scan# 2389  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 247526 |       |       |
| 250     | 98.4  |        | 77.1  | 115.7 |
| 141     | 55.5  |        | 50.8  | 76.2  |





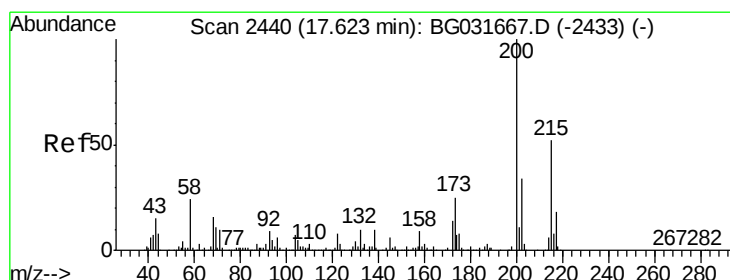
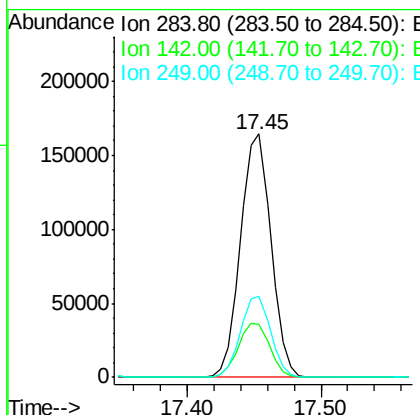
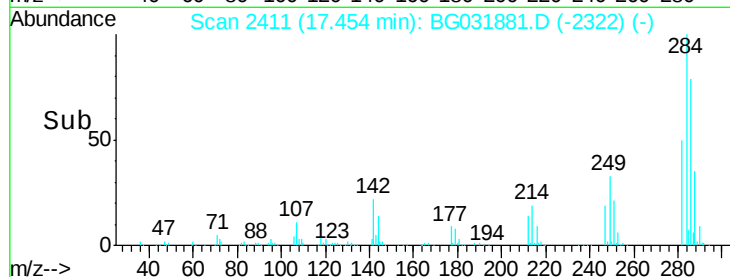
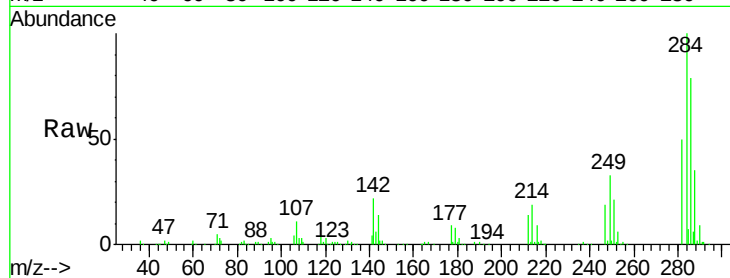
#67  
Hexachlorobenzene  
Concen: 47.554 ng  
RT: 17.45 min Scan# 2411  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 259813 |       |       |
| 142     | 21.7  | 26.8   | 40.2# |       |
| 249     | 33.1  | 26.3   | 39.5  |       |

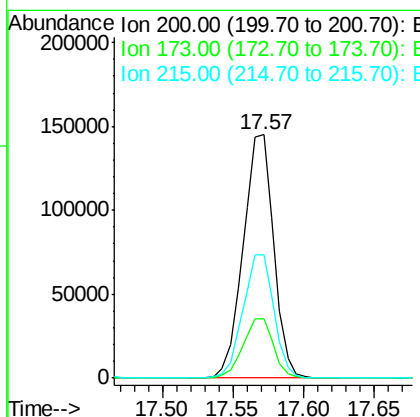
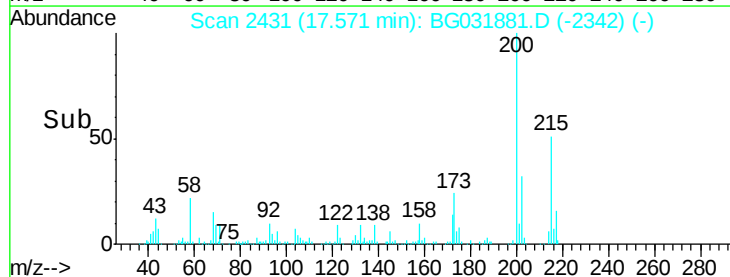
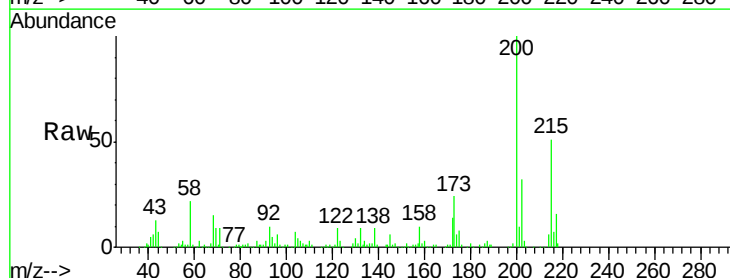
Manual Integrations  
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#68  
Atrazine  
Concen: 45.942 ng  
RT: 17.57 min Scan# 2431  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 219280 |       |       |
| 173     | 24.4  | 5.2    | 45.2  |       |
| 215     | 50.5  | 30.4   | 70.4  |       |





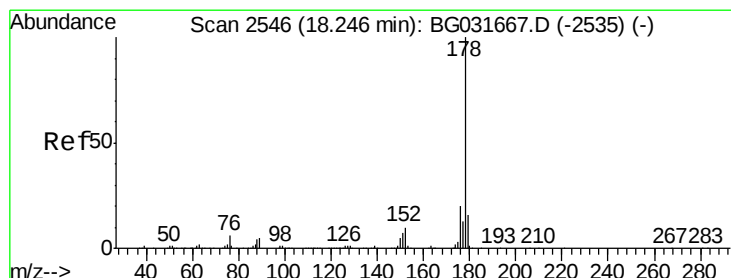
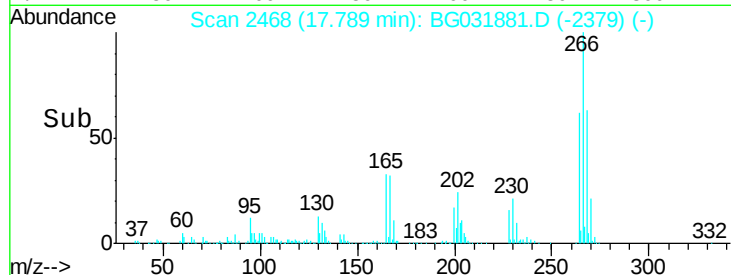
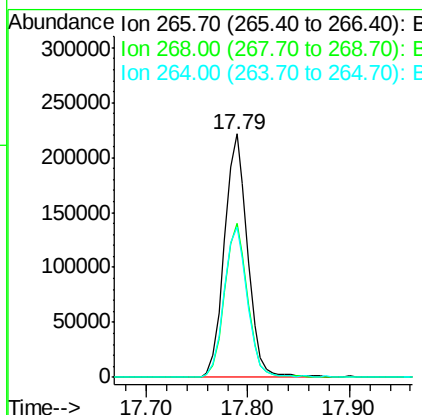
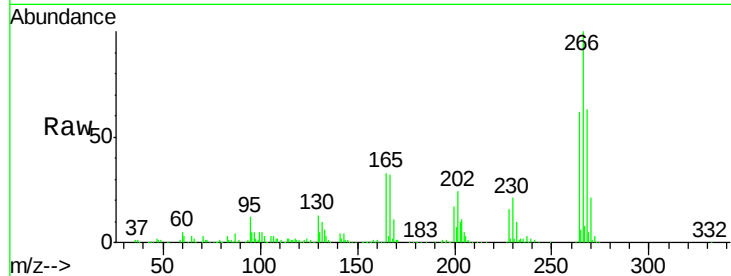
#69  
 Pentachlorophenol  
 Concen: 93.326 ng  
 RT: 17.79 min Scan# 2468  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.1  | 51.1  | 76.7  |
| 264     | 61.6  | 49.6  | 74.4  |

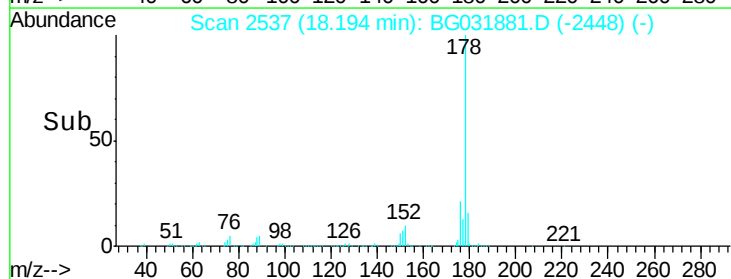
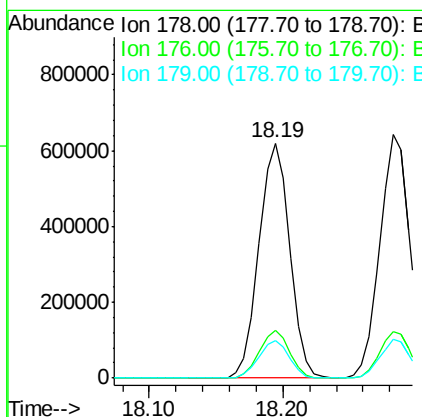
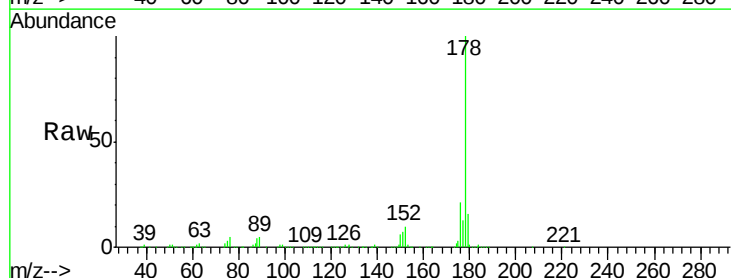
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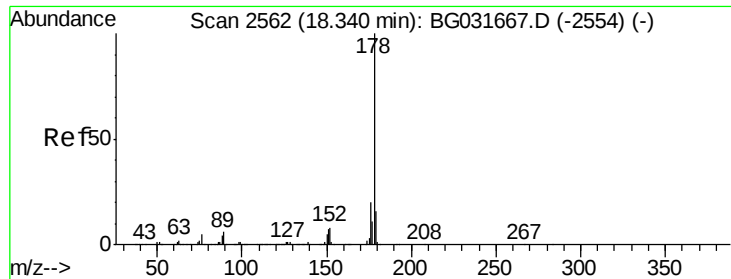
Sohil  
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#70  
 Phenanthrene  
 Concen: 47.194 ng  
 RT: 18.19 min Scan# 2537  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.5  | 15.7  | 23.5  |
| 179     | 16.0  | 12.5  | 18.7  |





#71

Anthracene

Concen: 47.238 ng

RT: 18.28 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

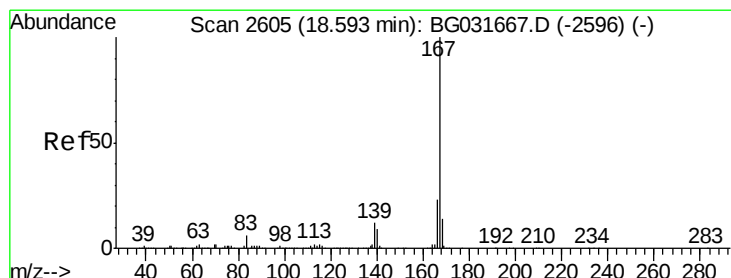
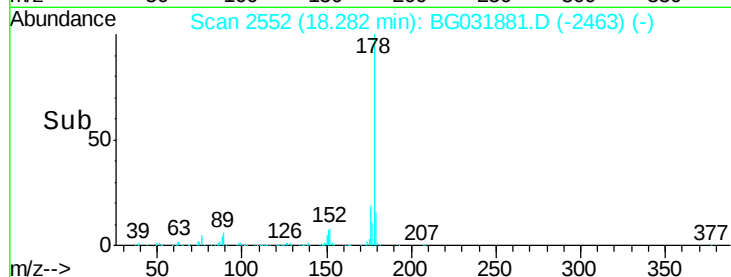
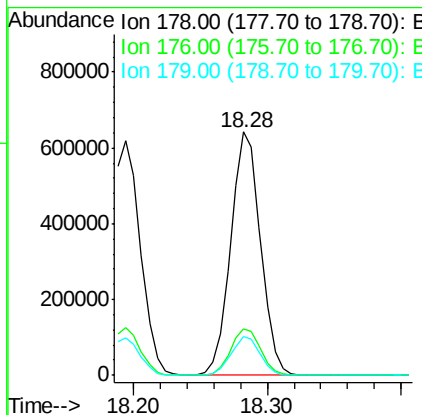
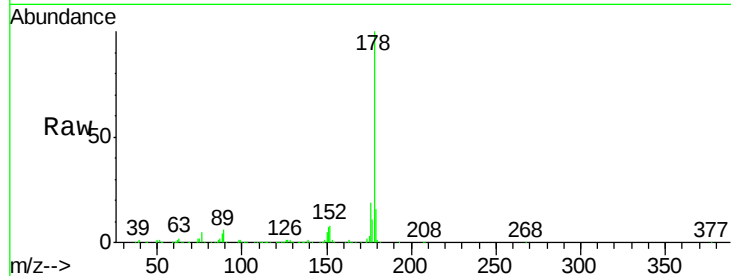
ClientSampleId :

TR-05-122817MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 996675 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.3  | 16.0  | 24.0   |
| 179       | 15.9  | 12.5  | 18.7   |

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#72

Carbazole

Concen: 47.450 ng

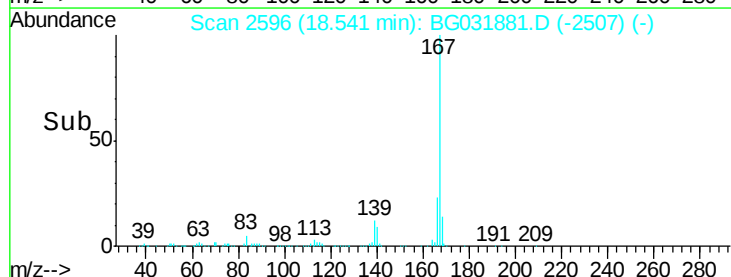
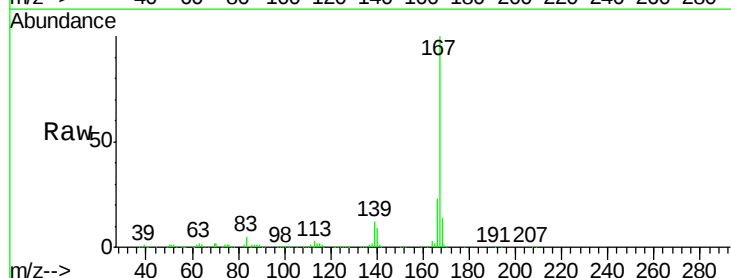
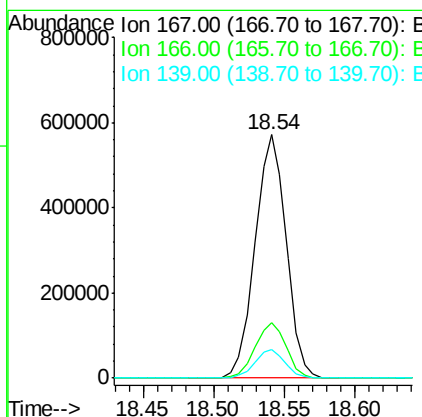
RT: 18.54 min Scan# 2596

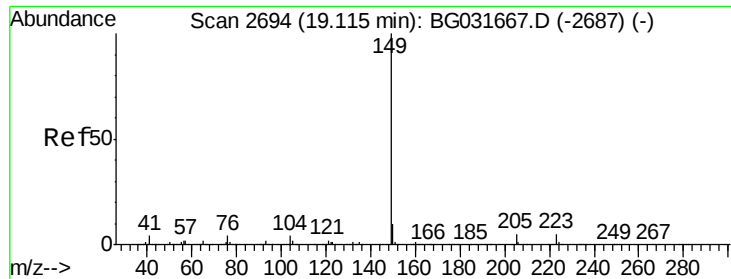
Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 886112 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.9  | 18.2  | 27.4   |
| 139       | 11.7  | 9.4   | 14.2   |





#73

Di-n-butylphthalate

Concen: 46.973 ng

RT: 19.05 min Scan# 2683

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

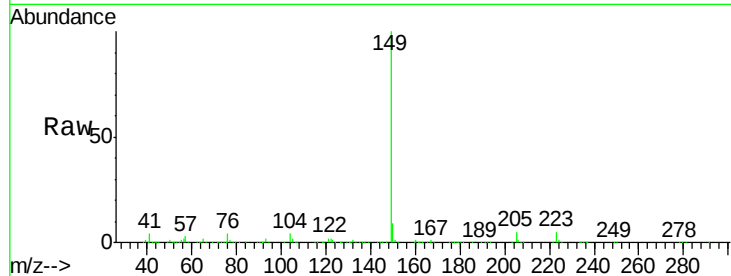
ClientSampleId :

TR-05-122817MSD

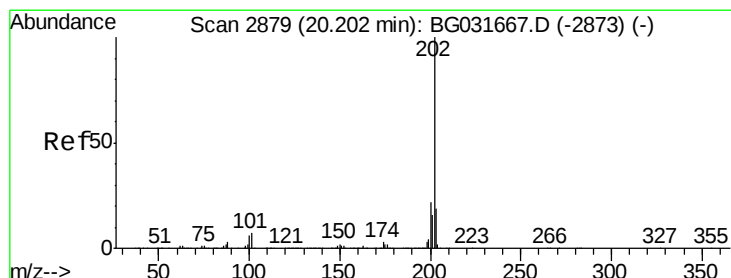
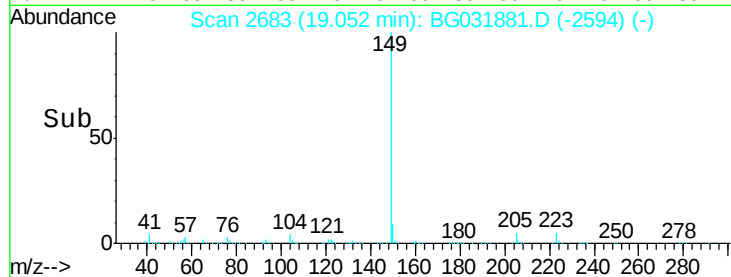
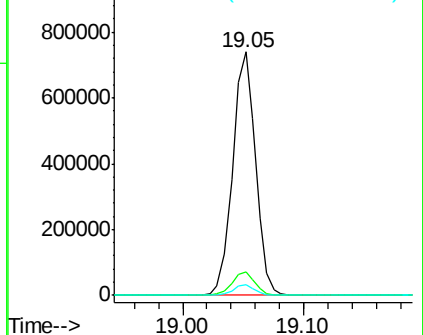
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 974865 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 7.8   | 11.6   |
| 104       | 4.2   | 3.9   | 5.9    |

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



#74

Fluoranthene

Concen: 48.202 ng

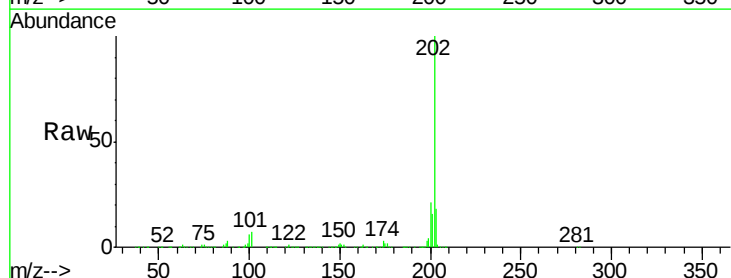
RT: 20.15 min Scan# 2870

Delta R.T. -0.01 min

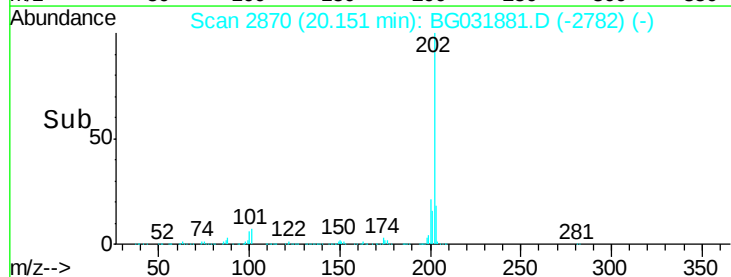
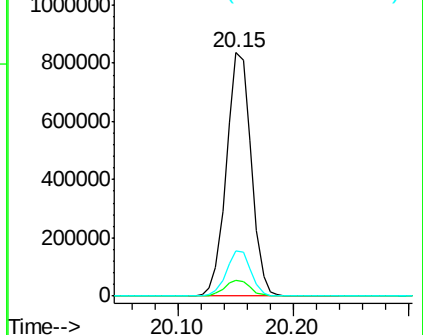
Lab File: BG031881.D

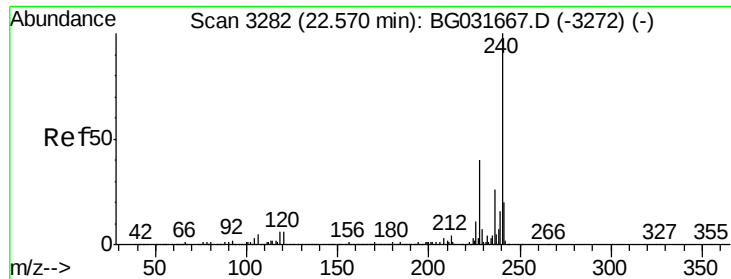
Acq: 2 Jan 2018 21:10

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1237055 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 6.6   | 0.0   | 28.9    |
| 203       | 18.3  | 0.0   | 37.5    |



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

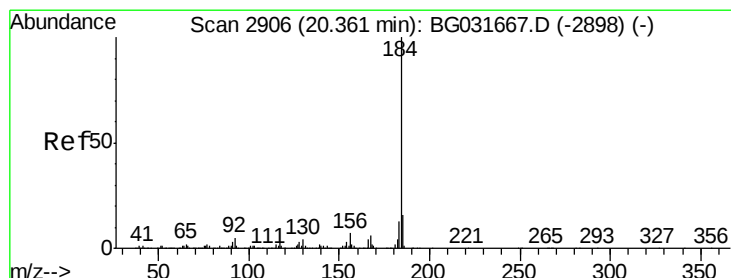
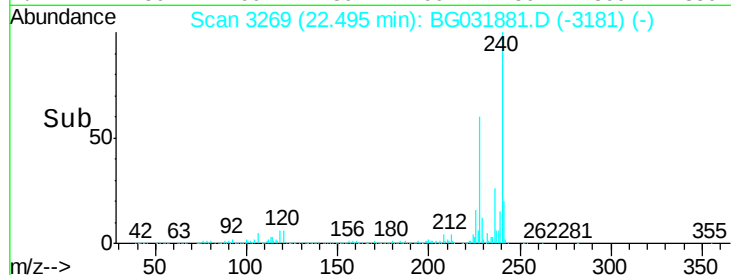
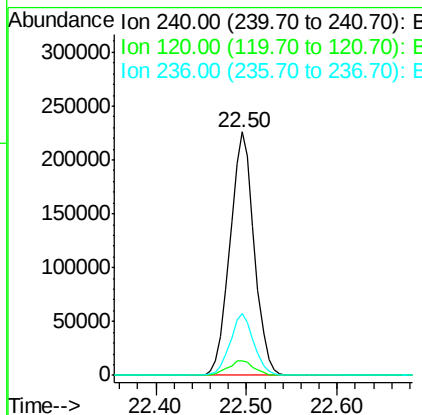
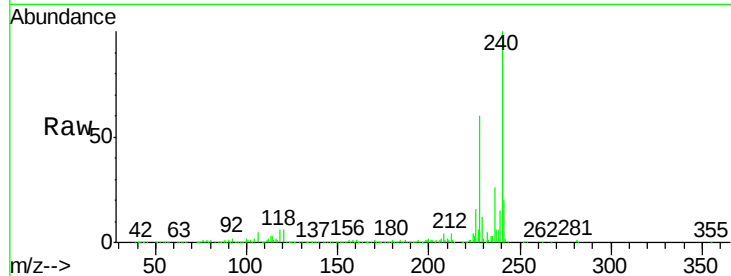
ClientSampleId :

TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 418063 |       |       |
| 120     | 5.9   | 6.8    | 10.2# |       |
| 236     | 25.6  | 20.9   | 31.3  |       |

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#76

Benzidine

Concen: 3.847 ng

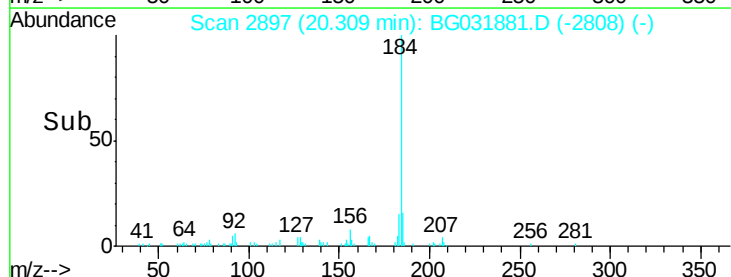
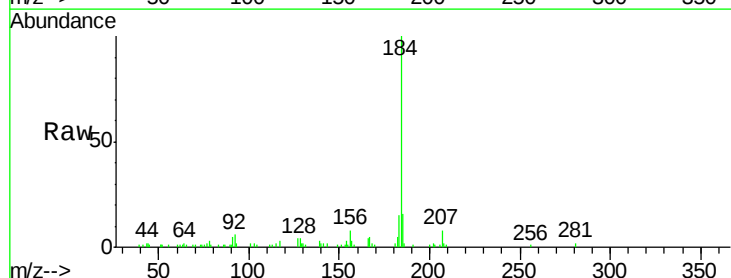
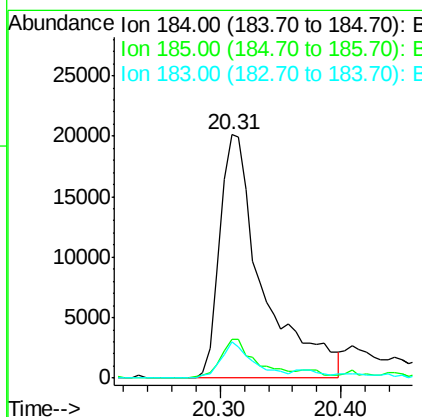
RT: 20.31 min Scan# 2897

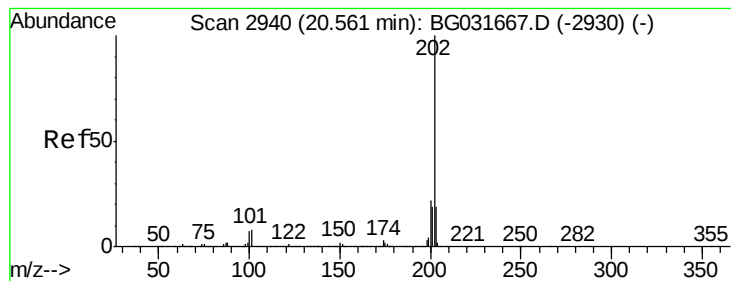
Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 49638 |       |       |
| 185     | 15.7  | 11.1  | 16.7  |       |
| 183     | 14.8  | 10.6  | 16.0  |       |





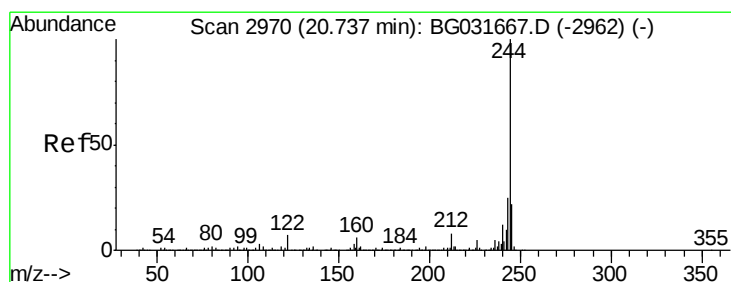
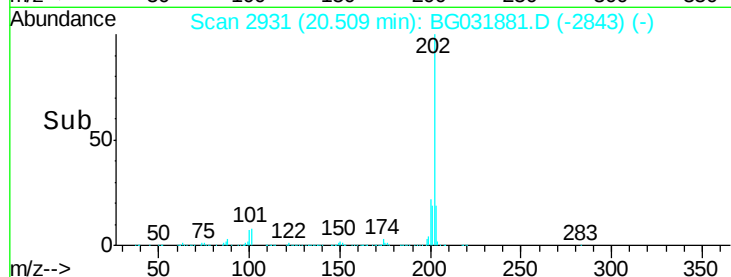
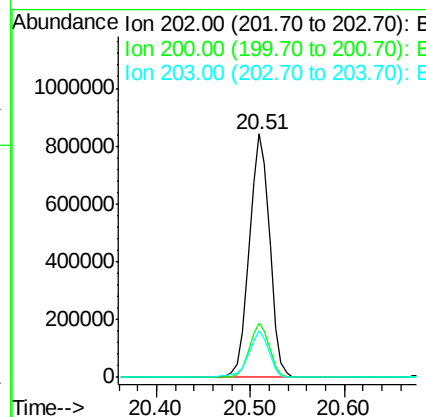
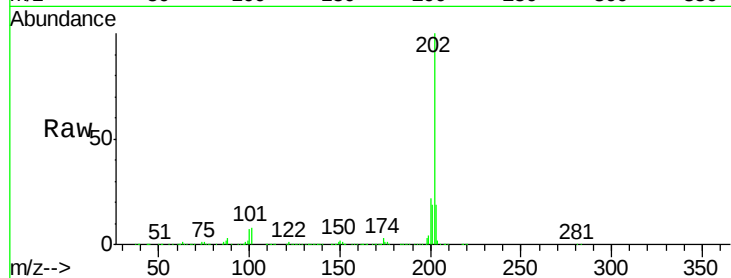
#77  
 Pyrene  
 Concen: 47.017 ng  
 RT: 20.51 min Scan# 2931  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.4  | 16.9  | 25.3  |
| 203     | 19.0  | 13.9  | 20.9  |

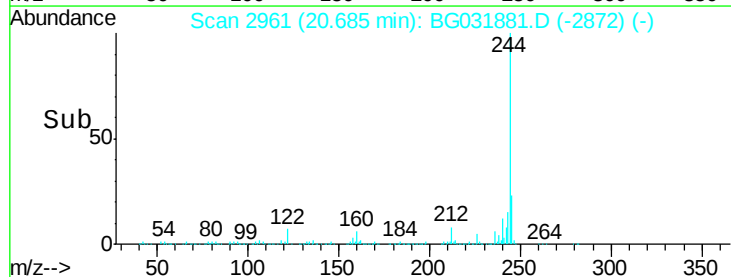
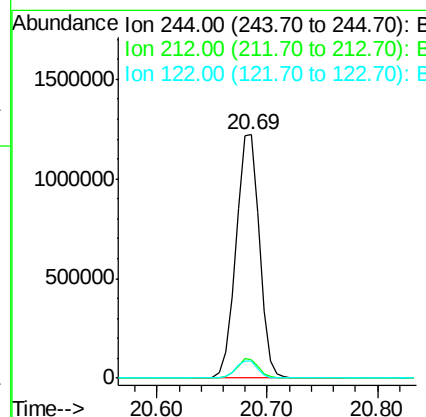
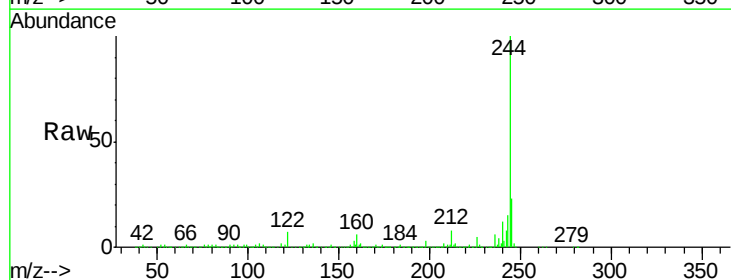
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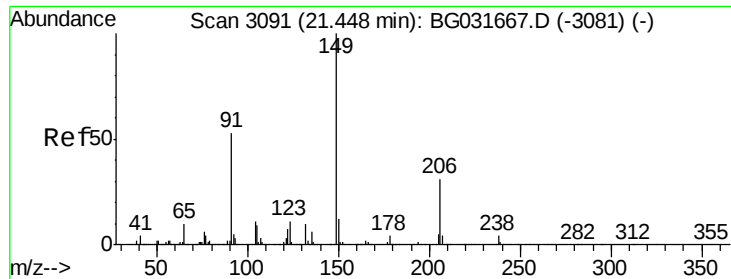
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#78  
 Terphenyl-d14  
 Concen: 99.188 ng  
 RT: 20.69 min Scan# 2961  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.6   | 5.8   | 8.8   |
| 122     | 6.9   | 7.0   | 10.4  |





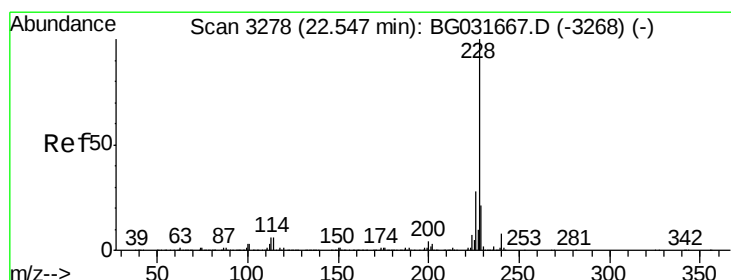
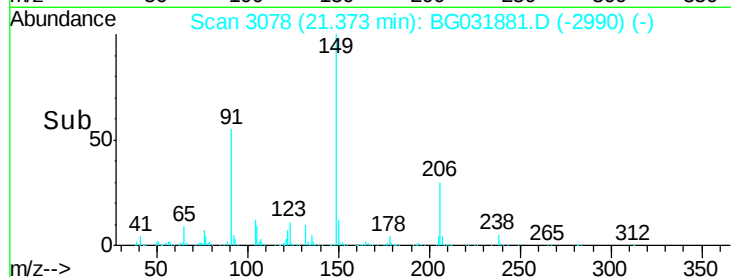
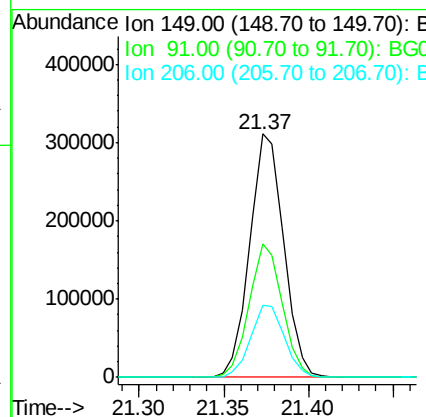
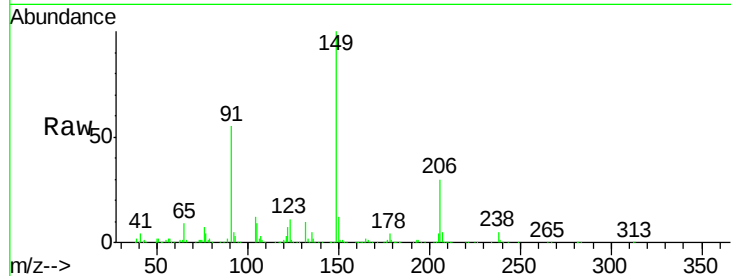
#79  
Butylbenzylphthalate  
Concen: 48.625 ng  
RT: 21.37 min Scan# 3078  
Delta R.T. -0.01 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 435906 |       |       |
| 91      | 54.7  | 62.2   | 93.2# |       |
| 206     | 29.5  | 18.6   | 27.8# |       |

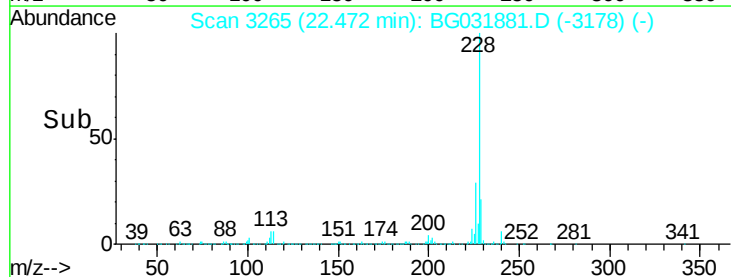
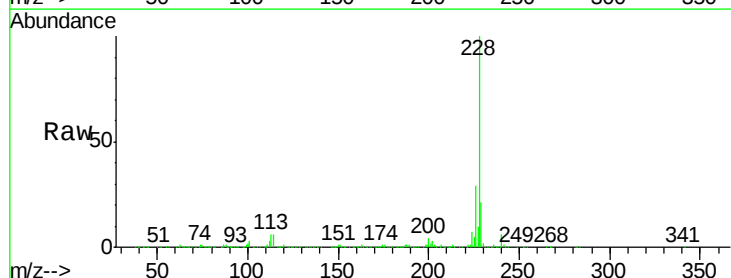
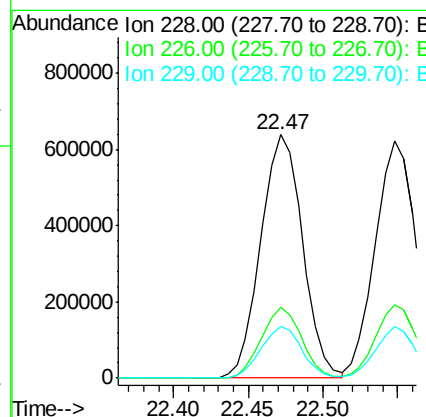
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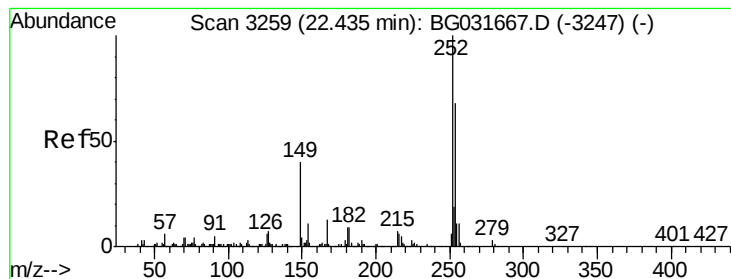
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#80  
Benzo(a)anthracene  
Concen: 46.667 ng  
RT: 22.47 min Scan# 3265  
Delta R.T. -0.02 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1241041 |       |       |
| 226     | 29.0  | 22.7    | 34.1  |       |
| 229     | 21.3  | 16.2    | 24.2  |       |





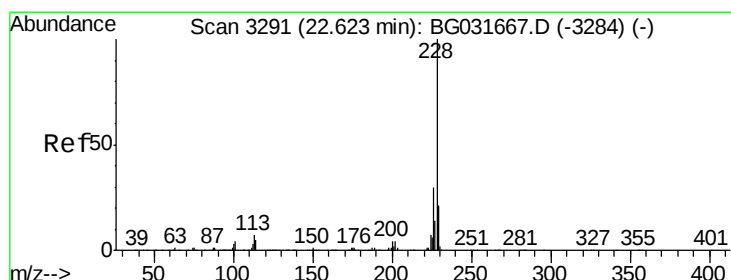
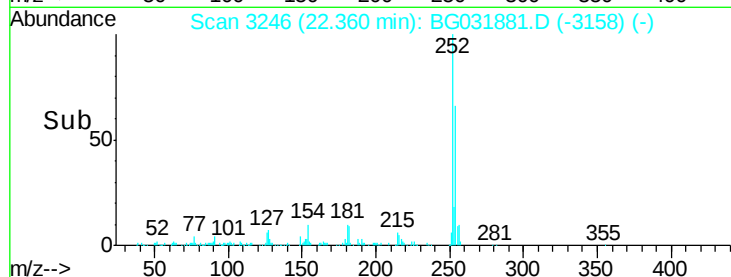
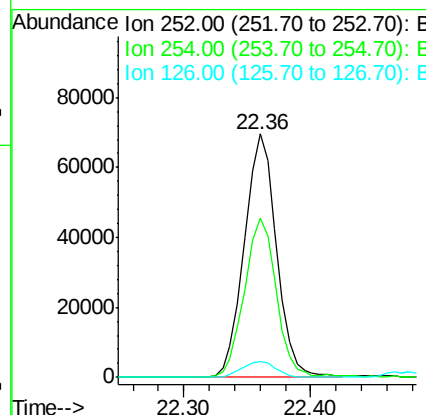
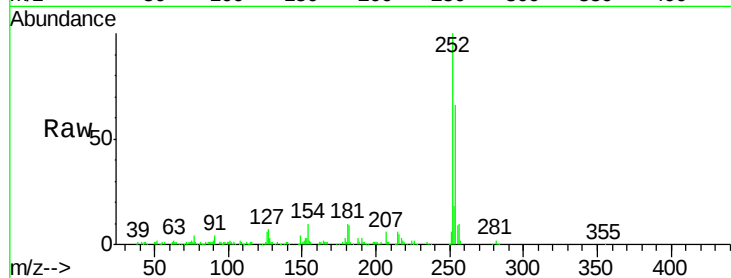
#81  
 3,3'-Dichlorobenzidine  
 Concen: 11.909 ng  
 RT: 22.36 min Scan# 3246  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.6  | 50.8  | 76.2  |
| 126     | 6.3   | 7.4   | 11.2  |

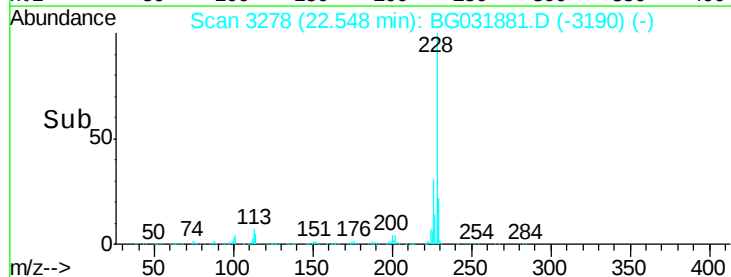
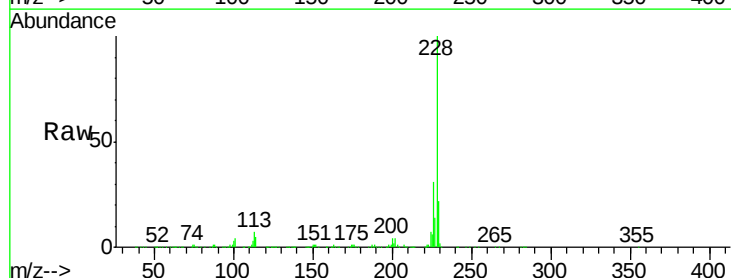
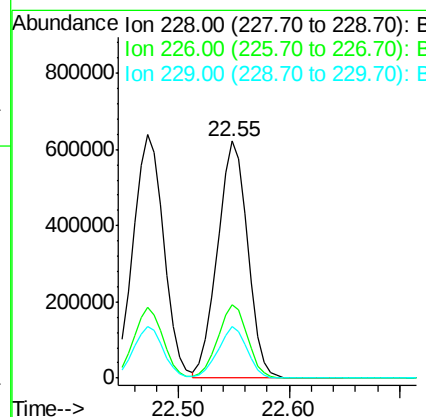
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#82  
 Chrysene  
 Concen: 46.492 ng  
 RT: 22.55 min Scan# 3278  
 Delta R.T. -0.01 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.1  | 24.9  | 37.3  |
| 229     | 21.6  | 15.0  | 22.4  |





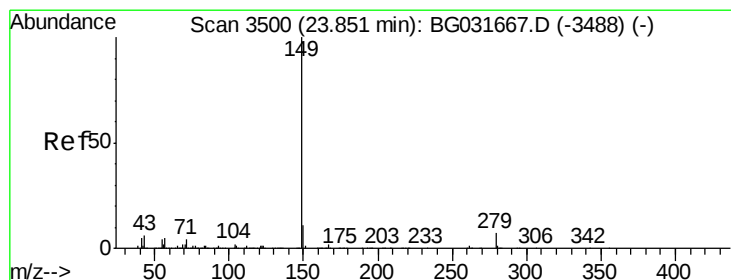
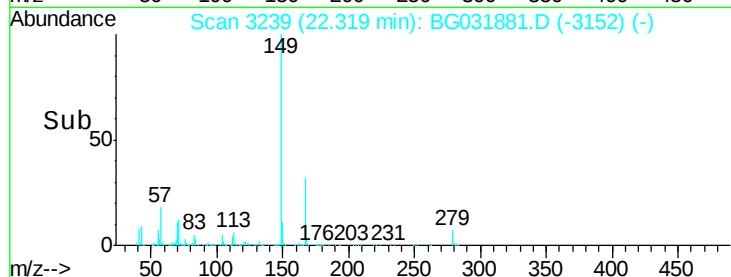
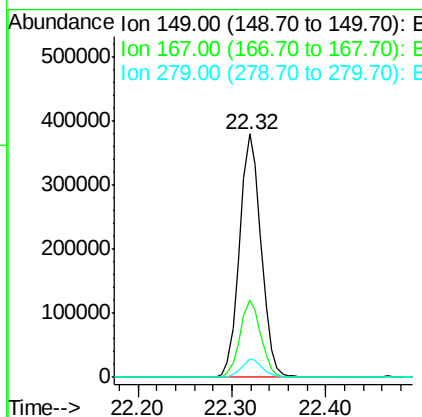
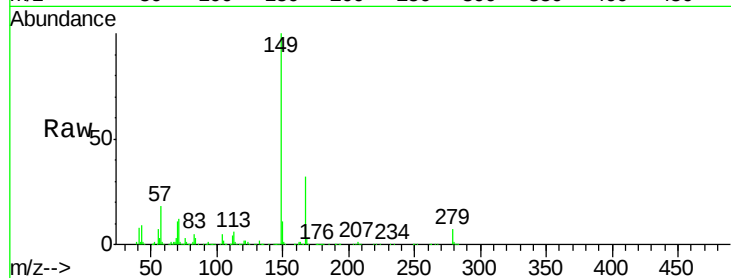
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.462 ng  
 RT: 22.32 min Scan# 3239  
 Delta R.T. -0.02 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 32.0  | 24.3  | 36.5  |
| 279     | 7.3   | 4.0   | 6.0   |

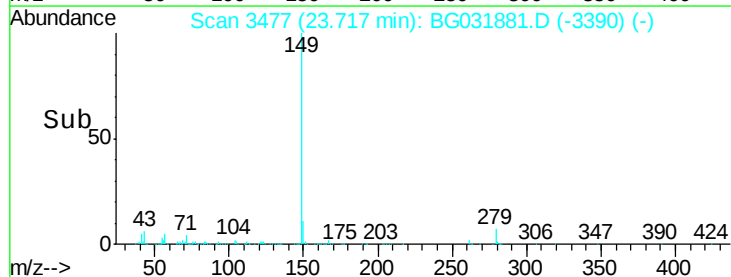
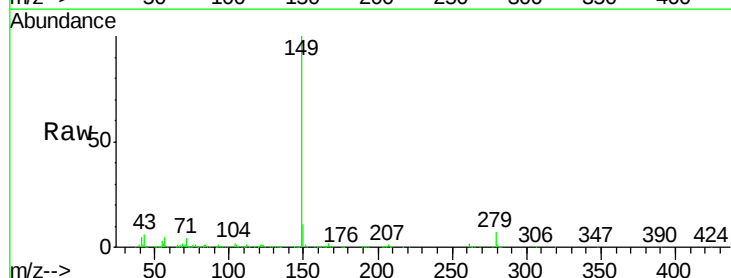
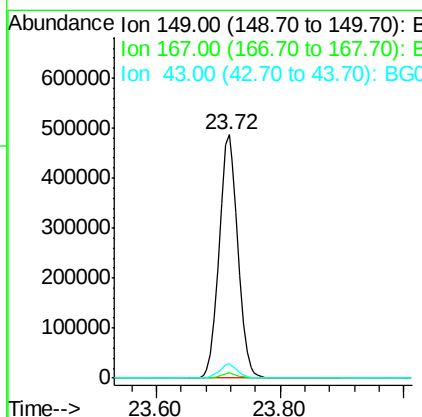
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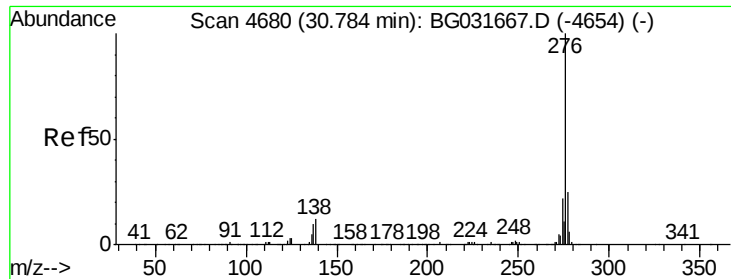
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#84  
 Di-n-octyl phthalate  
 Concen: 46.756 ng  
 RT: 23.72 min Scan# 3477  
 Delta R.T. -0.02 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.4   | 2.0   |
| 43      | 5.7   | 8.9   | 13.3  |





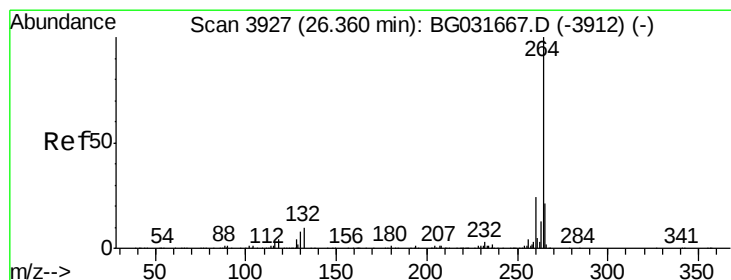
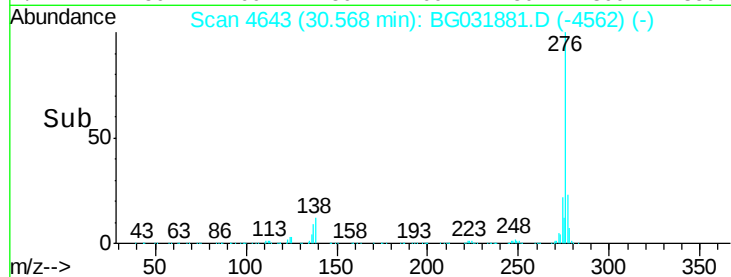
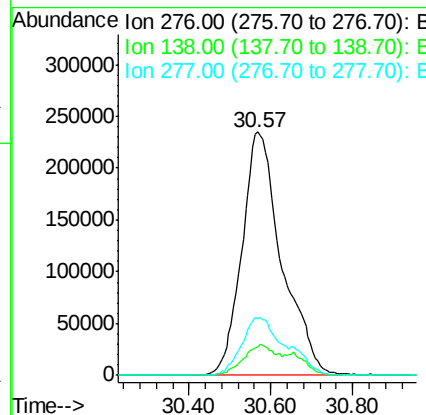
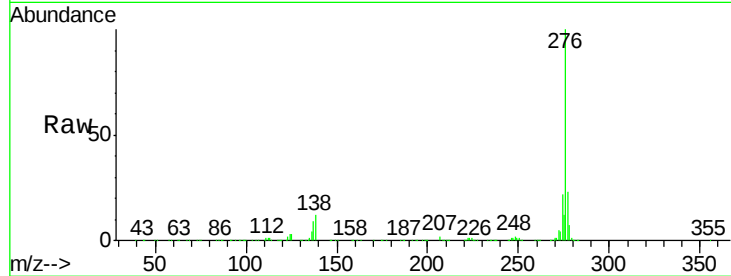
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.127 ng  
 RT: 30.57 min Scan# 4643  
 Delta R.T. -0.05 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 10.4  | 16.0  | 24.0# |
| 277     | 21.7  | 20.0  | 30.0  |

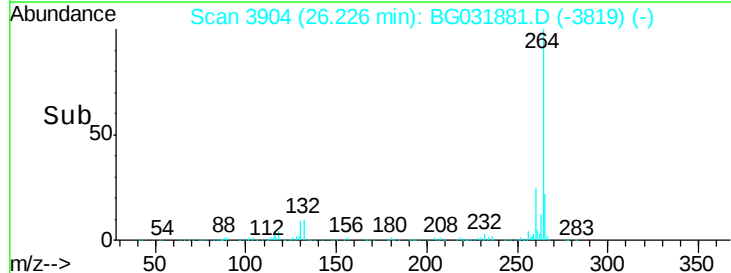
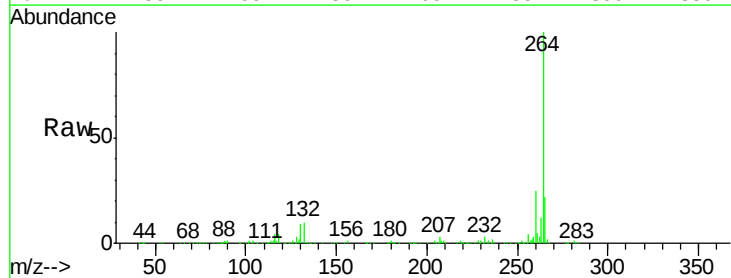
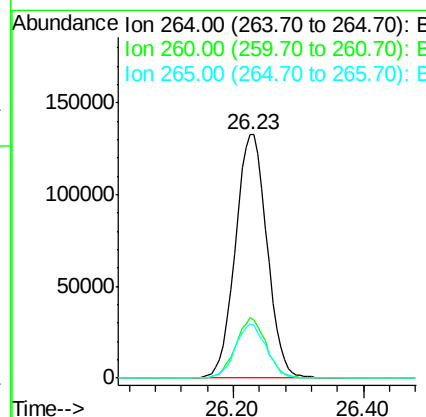
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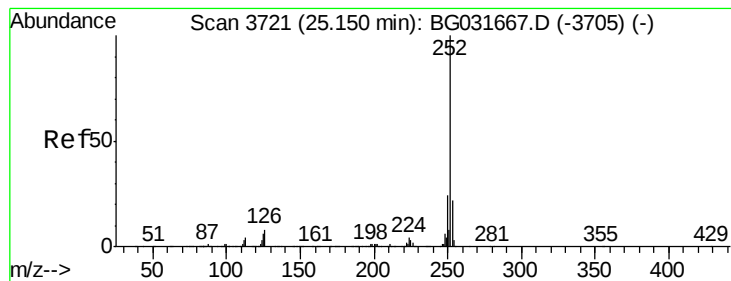
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.23 min Scan# 3904  
 Delta R.T. -0.03 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 17.4  | 26.0  |
| 265     | 22.5  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 48.008 ng

RT: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA\_G

ClientSampleId :

TR-05-122817MSD

Tgt Ion:252 Resp: 1328678

Ion Ratio Lower Upper

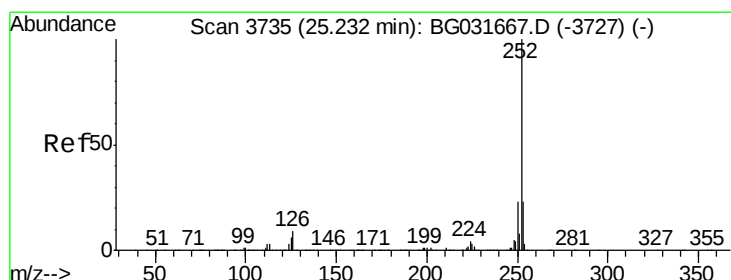
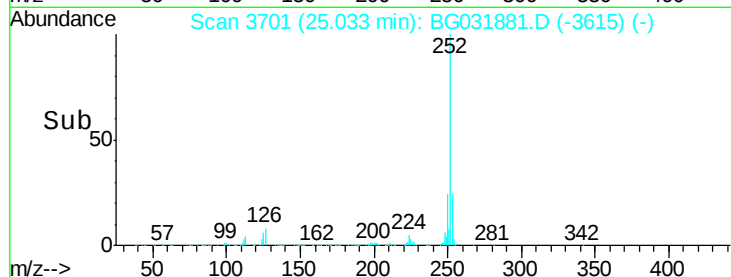
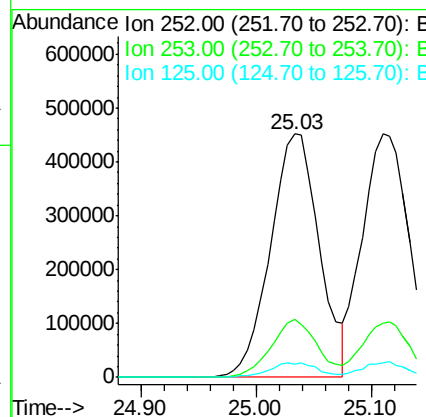
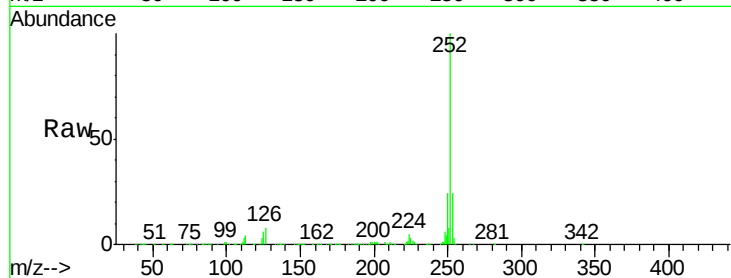
252 100

253 24.0 18.2 27.4

125 5.6 7.2 10.8#

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#88

Benzo(k)fluoranthene

Concen: 46.122 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.02 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

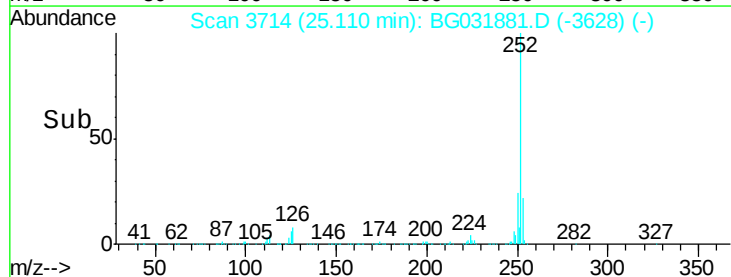
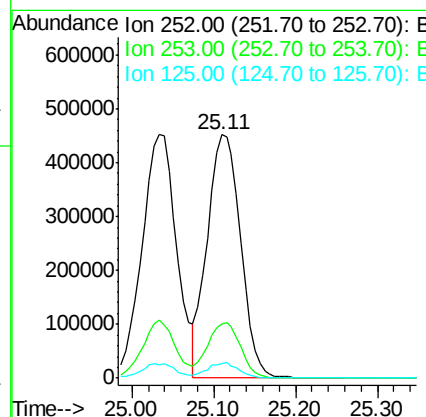
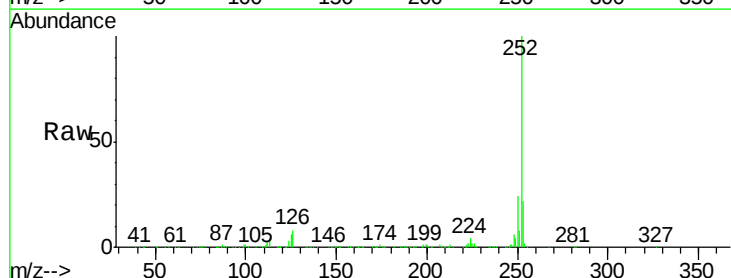
Tgt Ion:252 Resp: 1277469

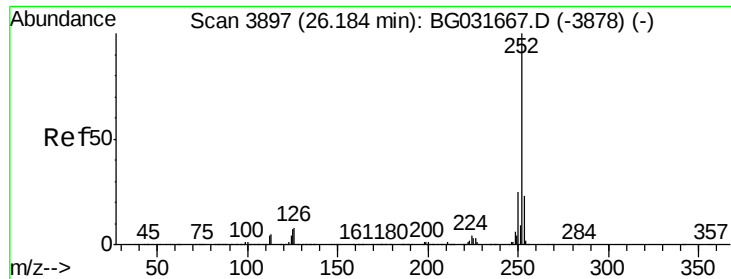
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 5.8 6.6 9.8#





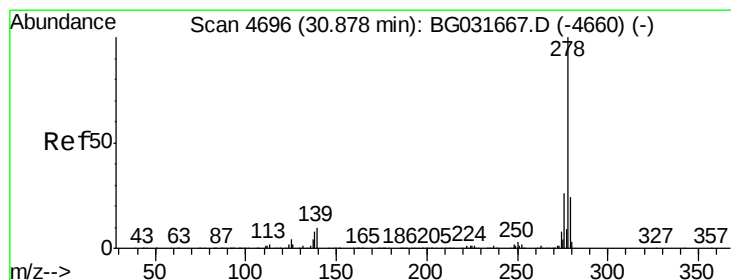
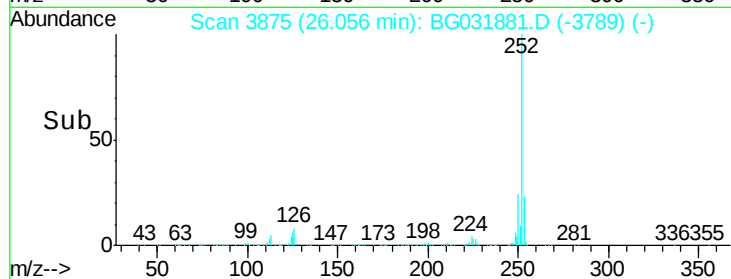
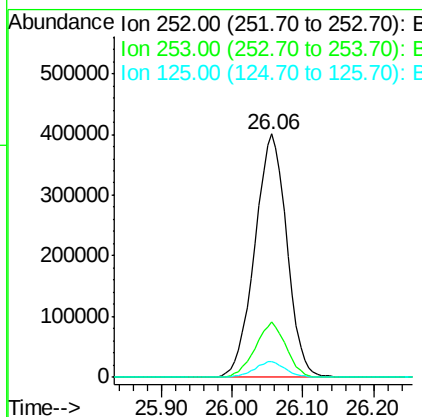
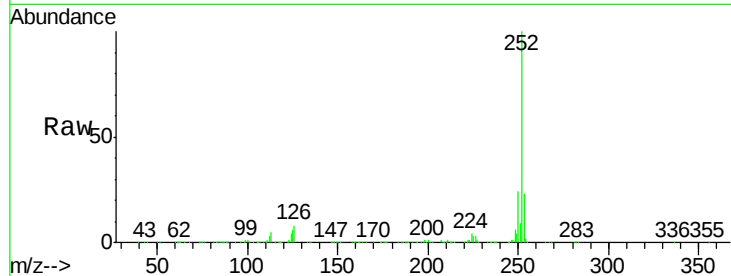
#89  
Benzo(a)pyrene  
Concen: 47.961 ng  
RT: 26.06 min Scan# 3875  
Delta R.T. -0.02 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-122817MSD

Tgt Ion:252 Resp: 1271247  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.3 27.5  
125 6.4 7.3 10.9#

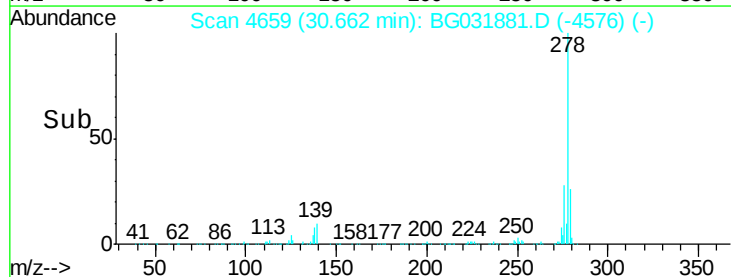
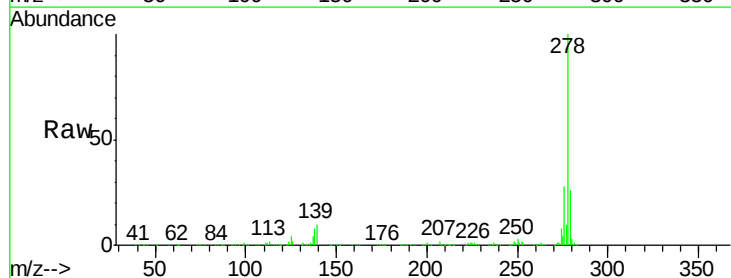
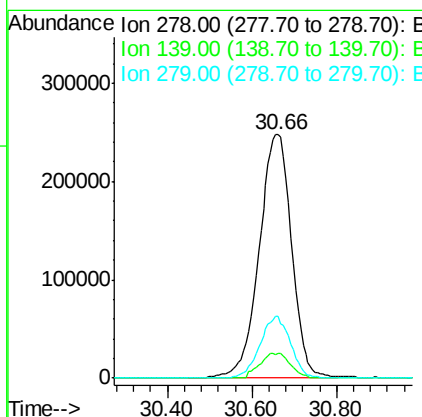
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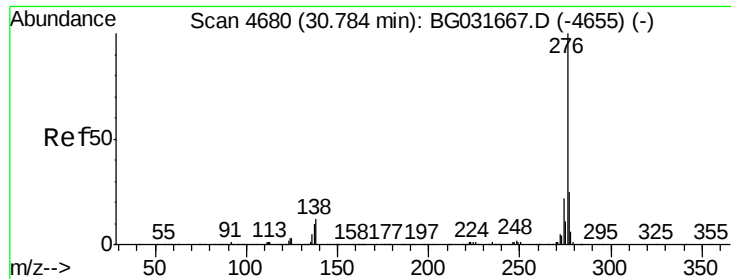
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#90  
Dibenzo(a,h)anthracene  
Concen: 48.065 ng  
RT: 30.66 min Scan# 4659  
Delta R.T. -0.04 min  
Lab File: BG031881.D  
Acq: 2 Jan 2018 21:10

Tgt Ion:278 Resp: 1315771  
Ion Ratio Lower Upper  
278 100  
139 10.0 9.8 14.6  
279 25.5 18.4 27.6





#91  
 Benzo(g,h,i)perylene  
 Concen: 49.066 ng  
 RT: 30.57 min Scan# 4643  
 Delta R.T. -0.05 min  
 Lab File: BG031881.D  
 Acq: 2 Jan 2018 21:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-122817MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.3  | 27.5  |
| 138     | 11.7  | 13.9  | 20.9  |

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