

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\  
 Data File : BG037222.D  
 Acq On : 9 Oct 2018 18:10  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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 10/10/2018 4:57:08 PM

Quant Time: Oct 10 12:06:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 10 07:15:39 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 48271    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.76 | 136  | 215925   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.59 | 164  | 136964   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.33 | 188  | 330394   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.58 | 240  | 334215   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.72 | 264  | 337281   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 224356 | 89.14 | ng | 0.00 |
| 7) Phenol-d6             | 7.11  | 99  | 328630 | 84.39 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.11  | 82  | 330552 | 81.98 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.08 | 330 | 140408 | 85.68 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.21 | 172 | 725060 | 78.85 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.95 | 244 | 952508 | 74.94 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88  | 52279  | 45.391 | ng | 97     |
| 3) Pyridine                    | 3.81  | 79  | 157318 | 47.306 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 60085  | 40.651 | ng | # 97   |
| 6) Aniline                     | 7.28  | 93  | 208418 | 41.246 | ng | 97     |
| 8) 2-Chlorophenol              | 7.51  | 128 | 127043 | 43.470 | ng | 94     |
| 9) Benzaldehyde                | 7.09  | 77  | 101860 | 39.584 | ng | 98     |
| 10) Phenol                     | 7.14  | 94  | 174594 | 43.441 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.37  | 93  | 130249 | 35.035 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.84  | 146 | 146511 | 40.890 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.98  | 146 | 142965 | 38.990 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.31  | 146 | 140979 | 39.675 | ng | 97     |
| 15) Benzyl Alcohol             | 8.19  | 79  | 122844 | 38.877 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 269866 | 37.810 | ng | 96     |
| 17) 2-Methylphenol             | 8.39  | 107 | 110832 | 39.589 | ng | 98     |
| 18) Hexachloroethane           | 9.03  | 117 | 57490  | 42.606 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.75  | 70  | 124032 | 38.286 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 157633 | 40.474 | ng | 97     |
| 22) Acetophenone               | 8.78  | 105 | 211076 | 41.598 | ng | # 96   |
| 24) Nitrobenzene               | 9.16  | 77  | 170222 | 39.532 | ng | 95     |
| 25) Isophorone                 | 9.68  | 82  | 311796 | 42.320 | ng | 99     |
| 26) 2-Nitrophenol              | 9.87  | 139 | 88840  | 51.762 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.93  | 122 | 106914 | 39.990 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93  | 178237 | 39.206 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.40 | 162 | 135237 | 43.636 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.62 | 180 | 154800 | 39.912 | ng | 99     |
| 31) Naphthalene                | 10.80 | 128 | 407566 | 39.670 | ng | 98     |
| 33) 4-Chloroaniline            | 10.92 | 127 | 179363 | 38.397 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.09 | 225 | 109610 | 40.866 | ng | 97     |
| 35) Caprolactam                | 11.70 | 113 | 50816  | 39.837 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.04 | 107 | 156741 | 42.385 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.41 | 142 | 292460 | 37.376 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 190051 | 39.784 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.76 | 237 | 91012  | 37.044 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 13.02 | 196 | 132790 | 50.058 | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.09 | 196  | 126180   | 44.608 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.42 | 154  | 414676   | 39.532 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.47 | 162  | 329851   | 39.986 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.67 | 65   | 119727   | 41.962 | ng    | 97       |
| 48) Acenaphthylene             | 14.31 | 152  | 514456   | 39.799 | ng    | 99       |
| 49) Dimethylphthalate          | 14.04 | 163  | 432644   | 39.243 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.16 | 165  | 96569    | 40.147 | ng    | 96       |
| 51) Acenaphthene               | 14.65 | 154  | 305497   | 39.104 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.50 | 138  | 102694   | 40.515 | ng    | 100      |
| 53) 2,4-Dinitrophenol          | 14.74 | 184  | 337      | 7.920  | ng    | # 1      |
| 54) Dibenzofuran               | 14.99 | 168  | 513574   | 38.864 | ng    | 98       |
| 55) 4-Nitrophenol              | 14.81 | 139  | 72984    | 45.072 | ng    | 99       |
| 56) 2,4-Dinitrotoluene         | 14.95 | 165  | 133742   | 39.846 | ng    | 90       |
| 57) Fluorene                   | 15.63 | 166  | 378341   | 38.306 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.22 | 232  | 115131   | 40.123 | ng    | 99       |
| 59) Diethylphthalate           | 15.40 | 149  | 435193   | 39.138 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.63 | 204  | 236649   | 37.834 | ng    | 98       |
| 61) 4-Nitroaniline             | 15.66 | 138  | 105813   | 39.688 | ng    | 97       |
| 62) Azobenzene                 | 15.92 | 77   | 423485   | 39.636 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.72 | 198  | 27594    | 15.975 | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 15.84 | 169  | 369502   | 40.510 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.52 | 248  | 147889   | 39.353 | ng    | 96       |
| 67) Hexachlorobenzene          | 16.64 | 284  | 151948   | 39.258 | ng    | 98       |
| 68) Atrazine                   | 16.79 | 200  | 142143   | 38.487 | ng    | 99       |
| 69) Pentachlorophenol          | 16.99 | 266  | 82933m   | 34.032 | ng    |          |
| 70) Phenanthrene               | 17.37 | 178  | 639129   | 40.142 | ng    | 99       |
| 71) Anthracene                 | 17.47 | 178  | 622426   | 39.536 | ng    | 99       |
| 72) Carbazole                  | 17.74 | 167  | 626554   | 40.818 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.29 | 149  | 736173   | 43.186 | ng    | 99       |
| 74) Fluoranthene               | 19.38 | 202  | 768869   | 40.118 | ng    | 98       |
| 76) Benzidine                  | 19.56 | 184  | 435682   | 43.123 | ng    | 99       |
| 77) Pyrene                     | 19.75 | 202  | 783067   | 39.045 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.63 | 149  | 343724   | 42.998 | ng    | 95       |
| 80) Benzo(a)anthracene         | 21.57 | 228  | 760208   | 38.966 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.49 | 252  | 297311   | 40.036 | ng    | 99       |
| 82) Chrysene                   | 21.63 | 228  | 718107   | 38.095 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.47 | 149  | 463933   | 41.543 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.65 | 149  | 775574   | 42.181 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.27 | 276  | 737640   | 36.441 | ng    | # 94     |
| 87) Benzo(b)fluoranthene       | 23.72 | 252  | 713710   | 39.707 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 23.79 | 252  | 685548   | 38.016 | ng    | 100      |
| 89) Benzo(a)pyrene             | 24.57 | 252  | 692240   | 39.836 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 28.33 | 278  | 667802m  | 41.004 | ng    |          |
| 91) Benzo(g,h,i)perylene       | 29.39 | 276  | 670857m  | 41.044 | ng    |          |

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

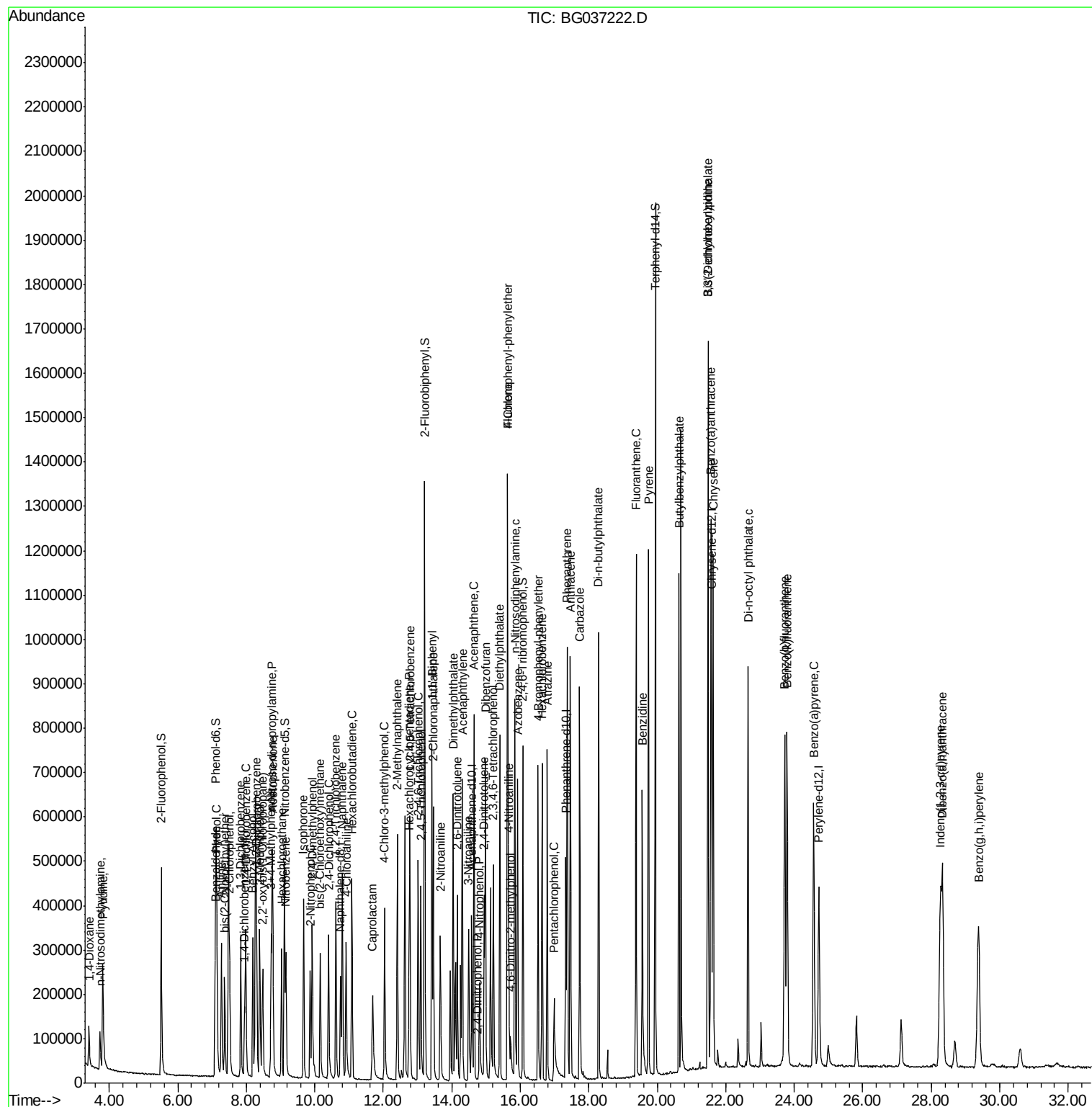
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\  
Data File : BG037222.D  
Acq On : 9 Oct 2018 18:10  
Operator : JU/SJ  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

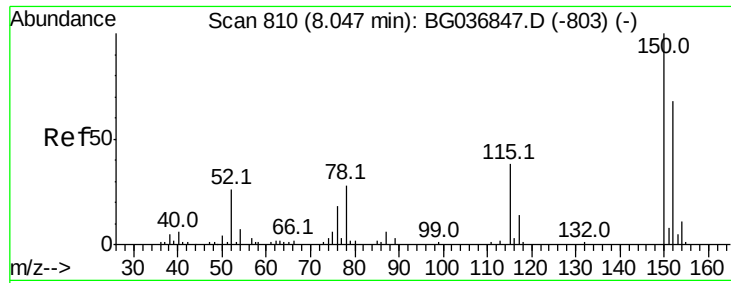
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#1

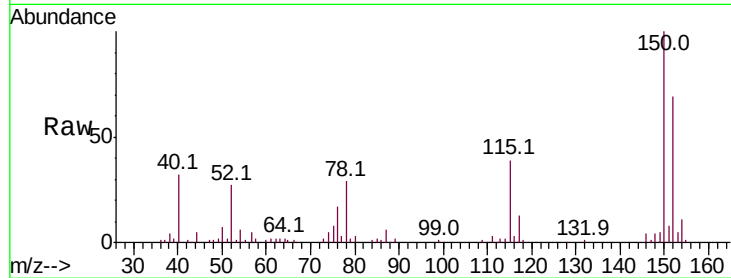
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.7 | 119.5 | 179.3 |
| 115     | 56.8  | 44.5  | 66.7  |

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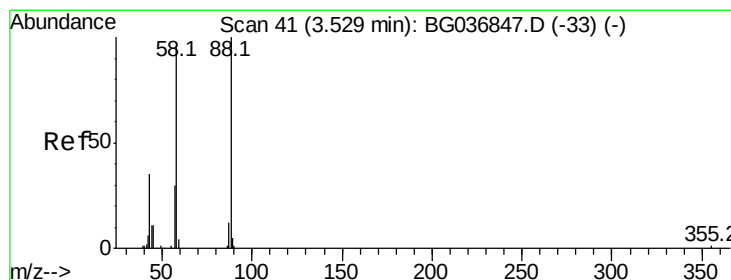
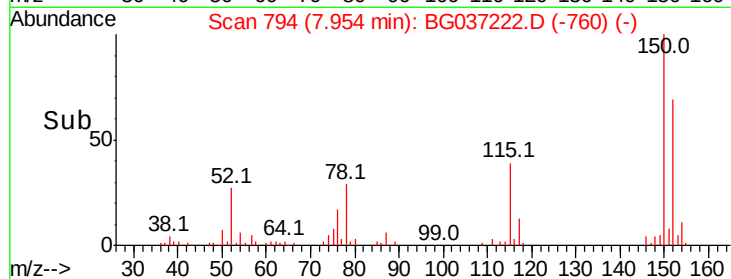
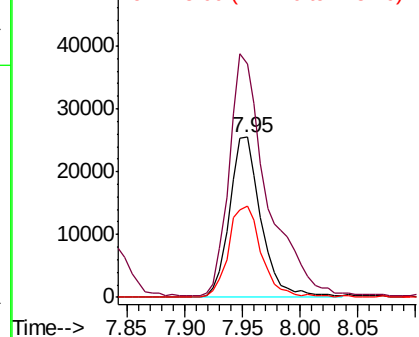


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

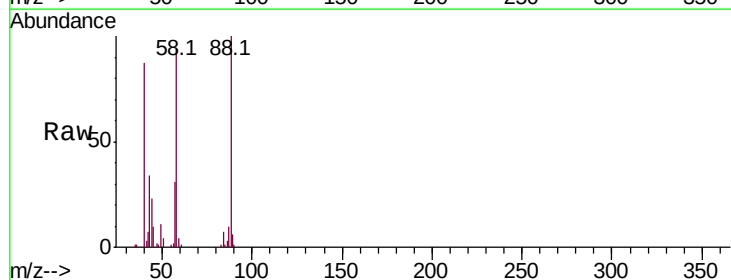
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 45.391 ng  
RT: 3.41 min Scan# 20  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.3  | 72.6  | 109.0 |
| 43      | 33.3  | 29.0  | 43.4  |

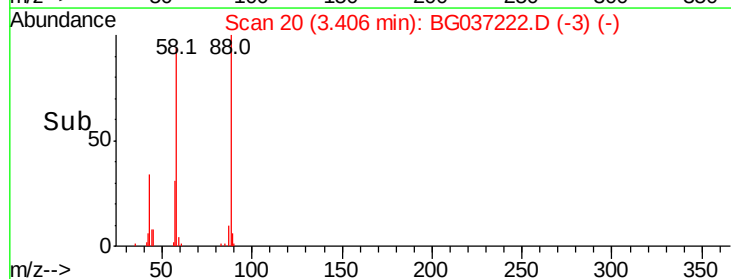
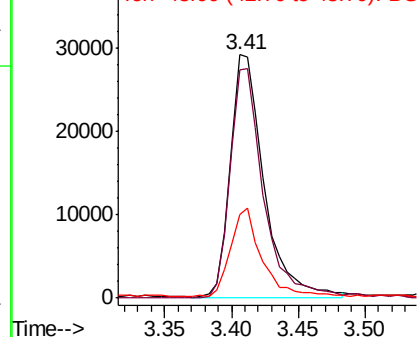


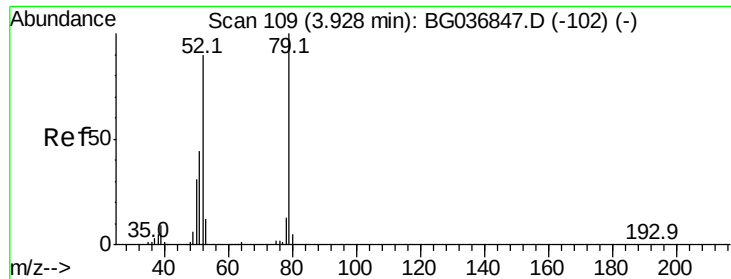
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 47.306 ng

RT: 3.81 min Scan# 89

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

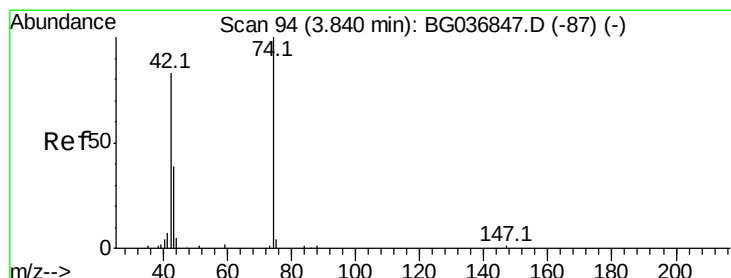
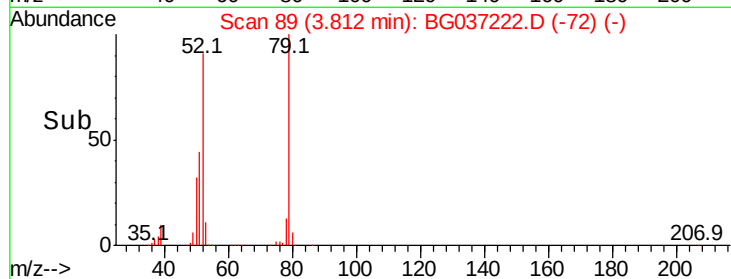
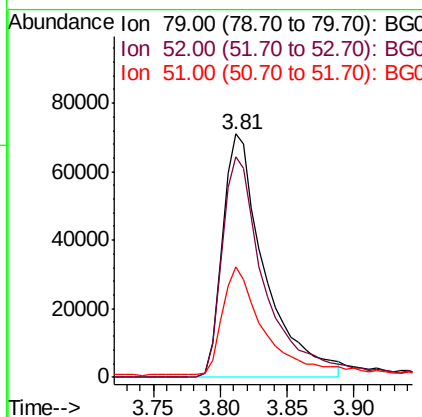
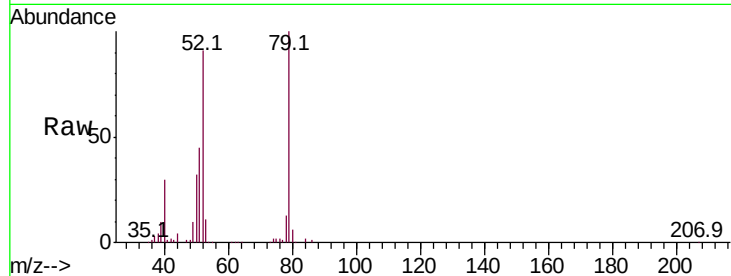
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 157318 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 90.8  | 72.3  | 108.5  |
| 51        | 45.4  | 33.8  | 50.6   |

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#4

n-Nitrosodimethylamine

Concen: 40.651 ng

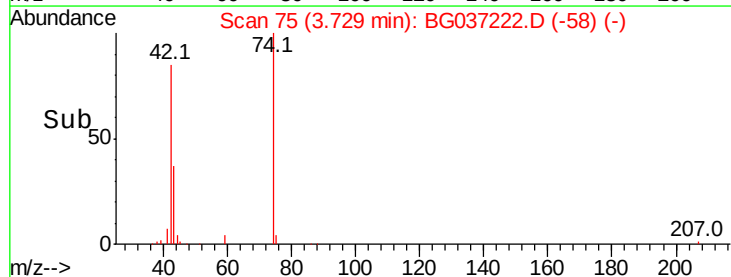
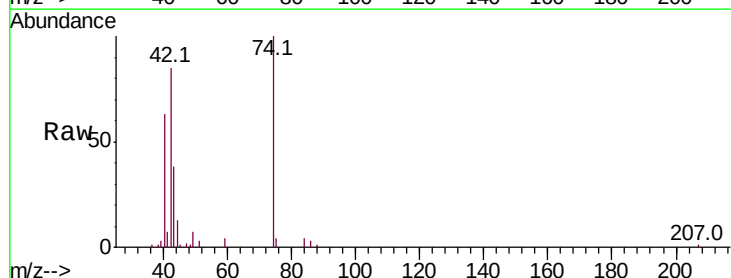
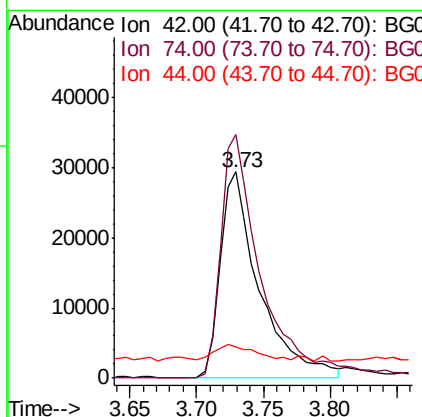
RT: 3.73 min Scan# 75

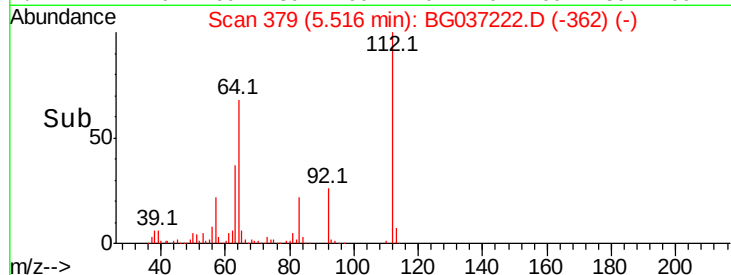
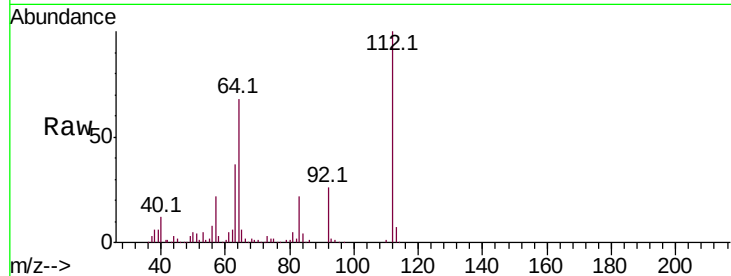
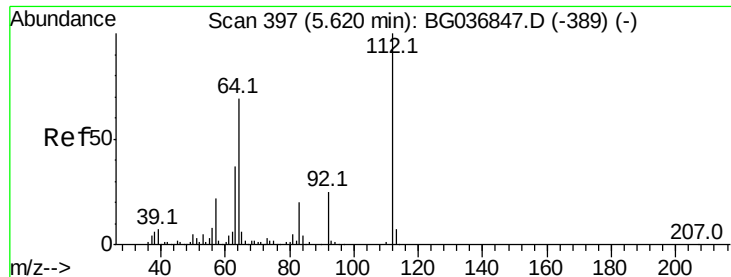
Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 60085 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 118.1 | 96.6  | 145.0 |
| 44        | 14.9  | 7.0   | 10.4# |





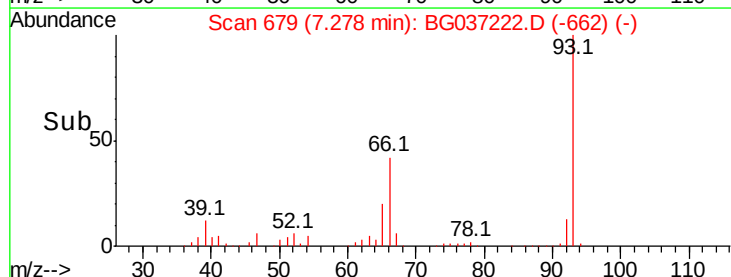
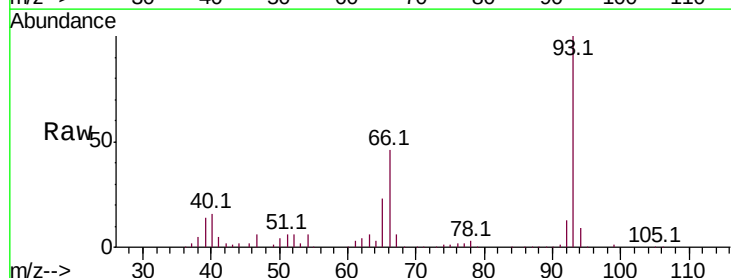
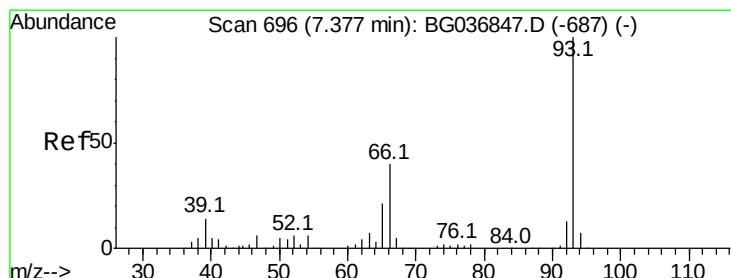
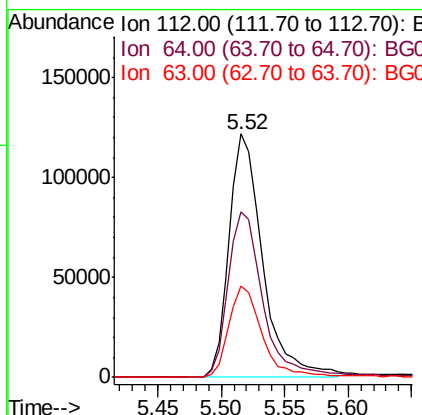
#5  
2-Fluorophenol  
Concen: 89.136 ng  
RT: 5.52 min Scan# 379  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 224356 |       |       |
| 64      | 68.2  | 57.2   | 85.8  |       |
| 63      | 37.3  | 30.8   | 46.2  |       |

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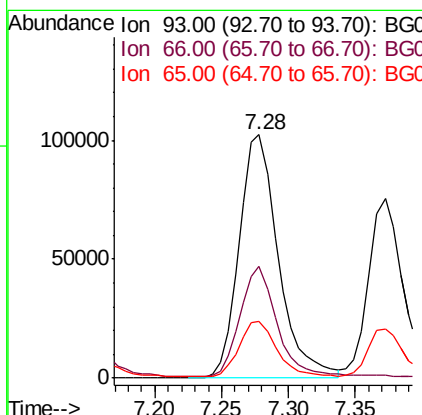
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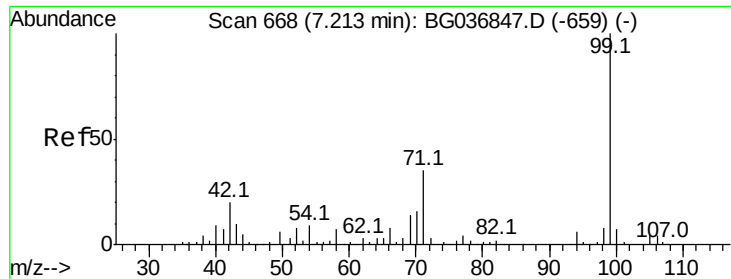
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10/10/2018 4:57:08 PM



#6  
Aniline  
Concen: 41.246 ng  
RT: 7.28 min Scan# 679  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 208418 |       |       |
| 66      | 45.8  | 35.0   | 52.4  |       |
| 65      | 23.1  | 17.6   | 26.4  |       |





#7

Phenol-d6

Concen: 84.388 ng

RT: 7.11 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

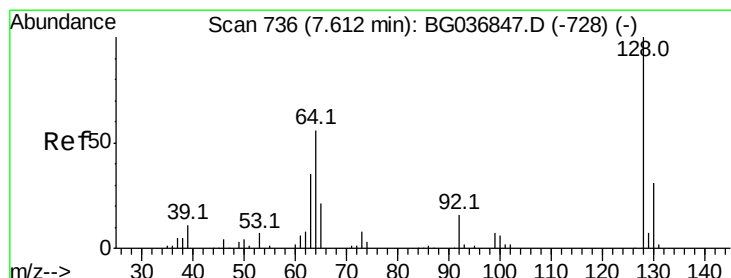
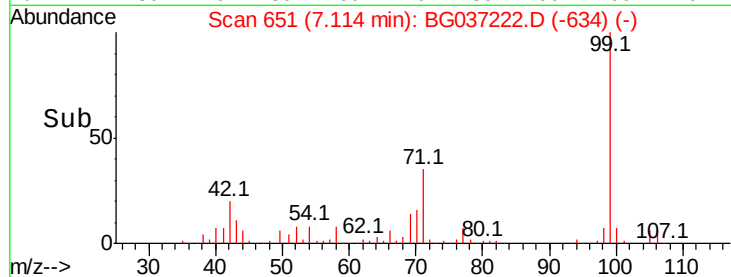
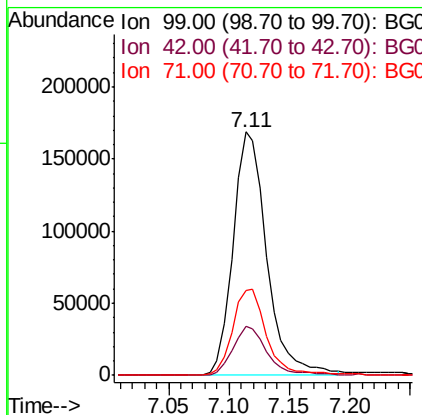
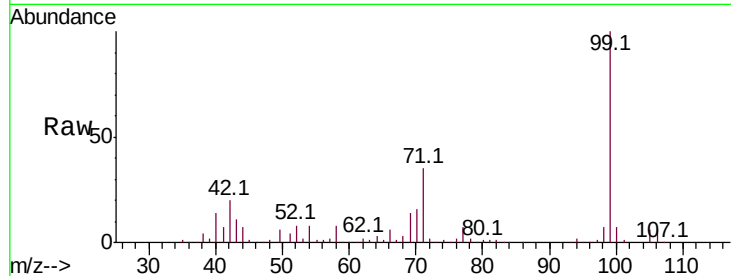
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 328630 |       |       |
| 42      | 20.3 | 16.5  | 24.7   |       |       |
| 71      | 34.8 | 29.4  | 44.2   |       |       |

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#8

2-Chlorophenol

Concen: 43.470 ng

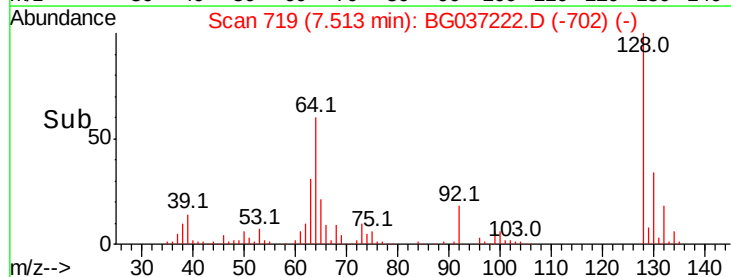
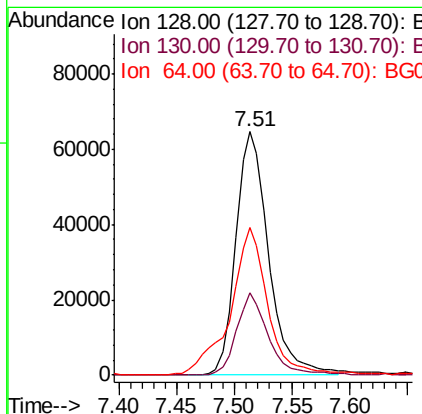
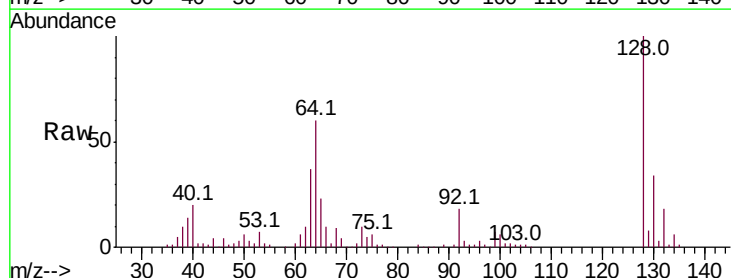
RT: 7.51 min Scan# 719

Delta R.T. 0.00 min

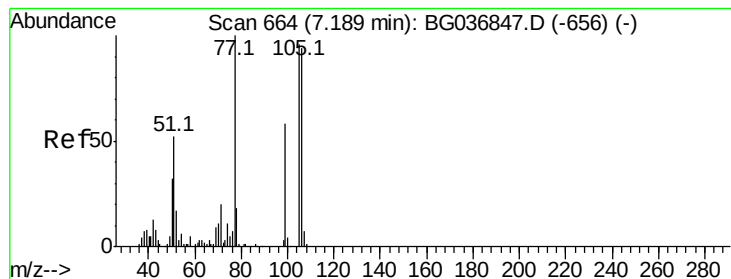
Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 127043 |       |       |
| 130     | 33.7 | 10.0  | 50.0   |       |       |
| 64      | 60.5 | 36.0  | 76.0   |       |       |







#9

Benzaldehyde

Concen: 39.584 ng

RT: 7.09 min Scan# 647

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

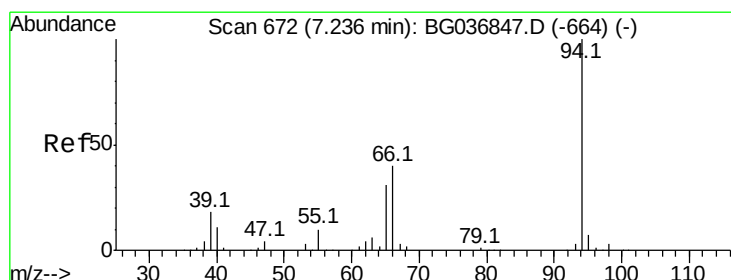
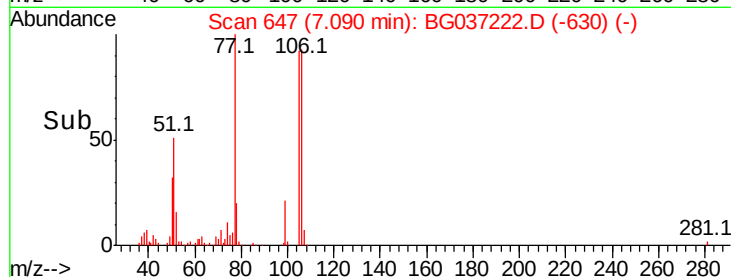
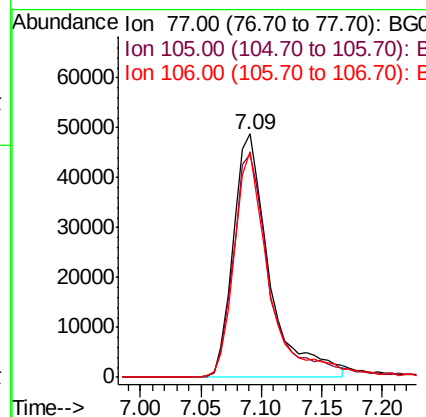
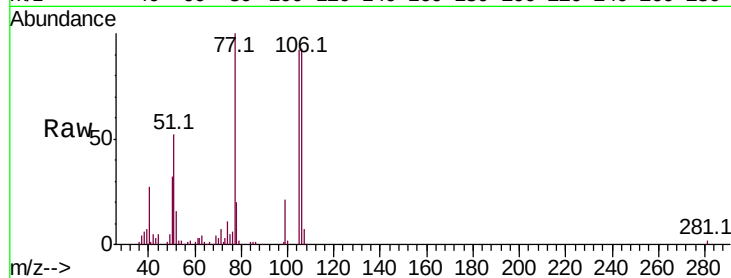
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 101860 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 91.8  | 70.5  | 110.5  |
| 106      | 92.5  | 69.8  | 109.8  |

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#10

Phenol

Concen: 43.441 ng

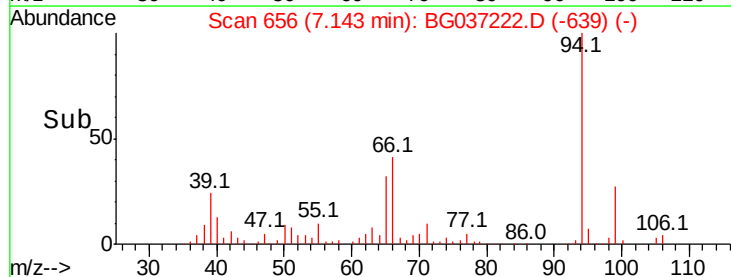
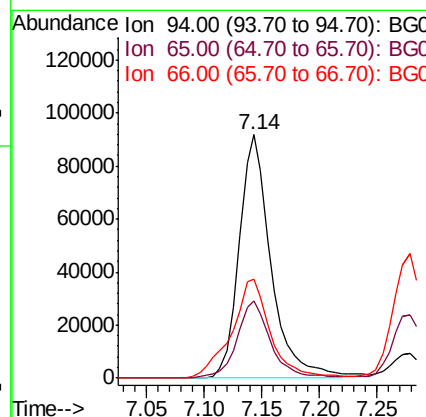
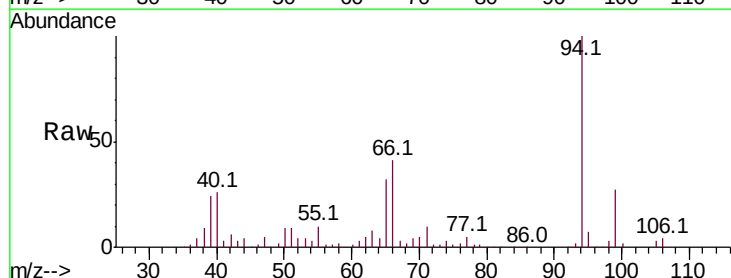
RT: 7.14 min Scan# 656

Delta R.T. 0.00 min

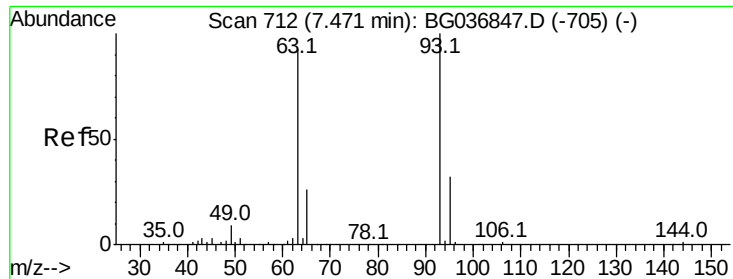
Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 174594 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.9  | 11.5  | 51.5   |
| 66       | 40.8  | 19.5  | 59.5   |







#11

bis(2-Chloroethyl)ether

Concen: 35.035 ng

RT: 7.37 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

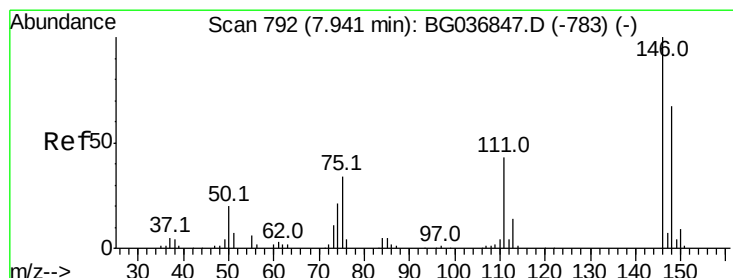
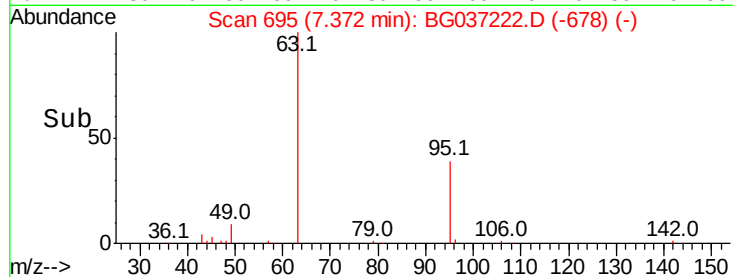
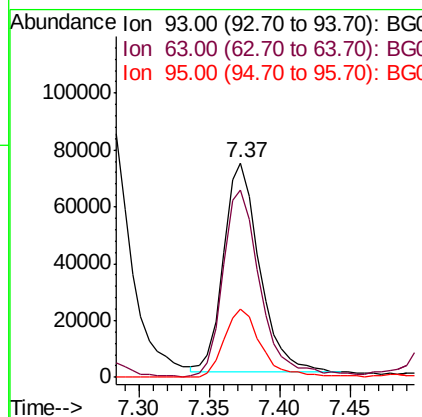
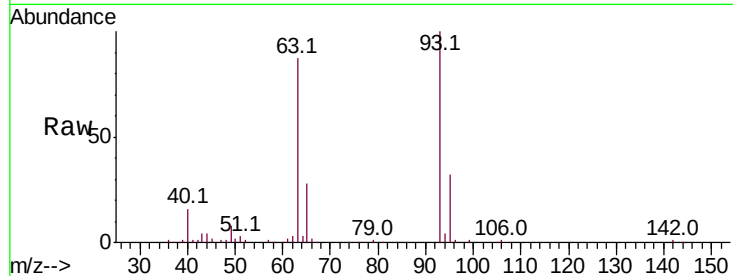
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 130249 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 87.4  | 69.9  | 109.9  |
| 95       | 31.7  | 11.7  | 51.7   |

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#12

1,3-Dichlorobenzene

Concen: 40.890 ng

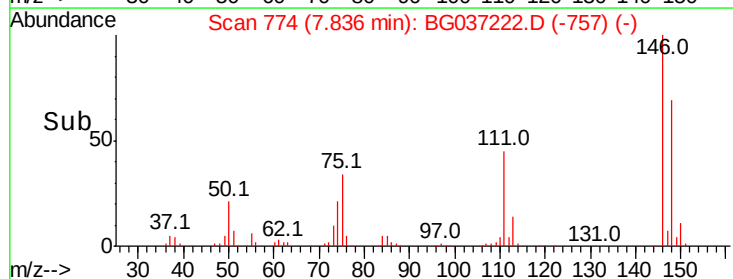
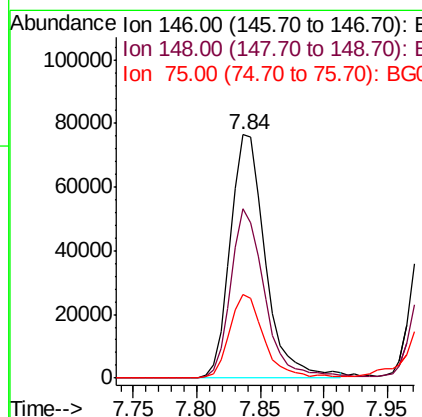
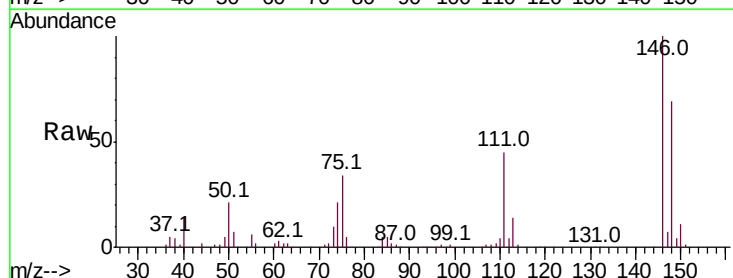
RT: 7.84 min Scan# 774

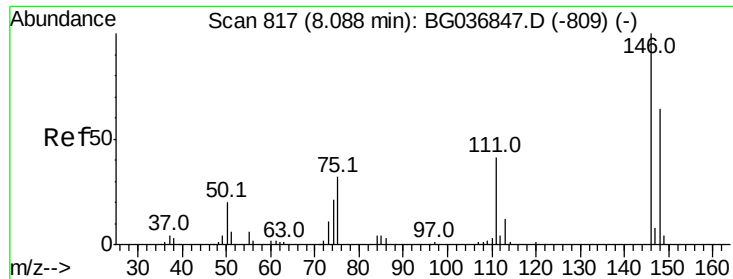
Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 146511 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 69.5  | 53.8  | 80.6   |
| 75       | 34.2  | 27.2  | 40.8   |





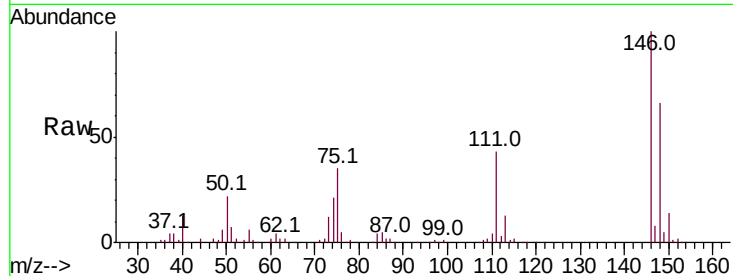
#13  
 1,4-Dichlorobenzene  
 Concen: 38.990 ng  
 RT: 7.98 min Scan# 799  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 53.9  | 80.9  |
| 111     | 43.2  | 33.8  | 50.6  |

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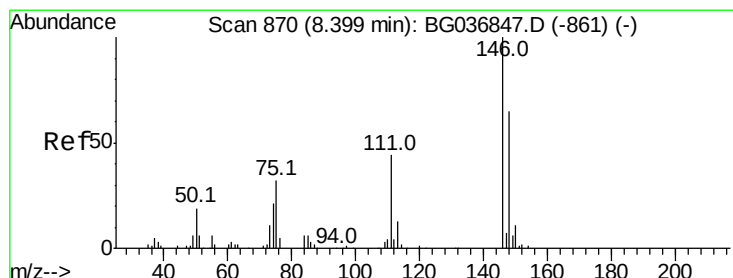
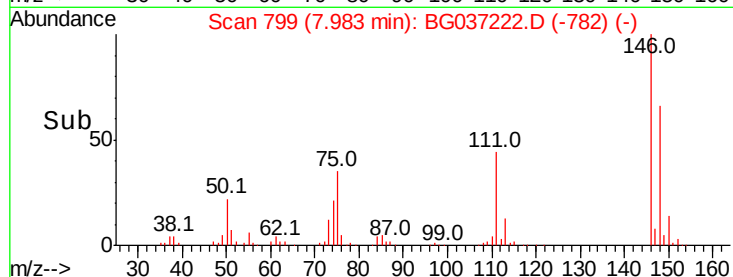
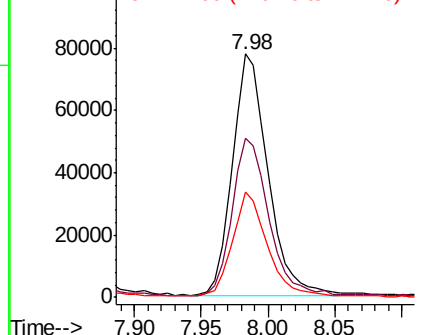


Abundance

Ion 146.00 (145.70 to 146.70): E

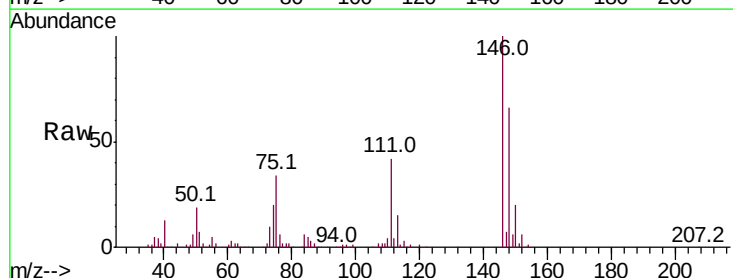
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 39.675 ng  
 RT: 8.31 min Scan# 854  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 55.0  | 82.6  |
| 111     | 42.0  | 34.6  | 51.8  |

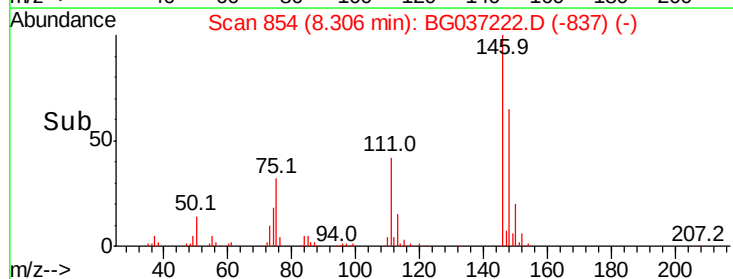
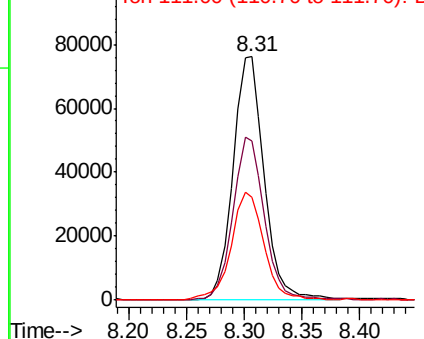


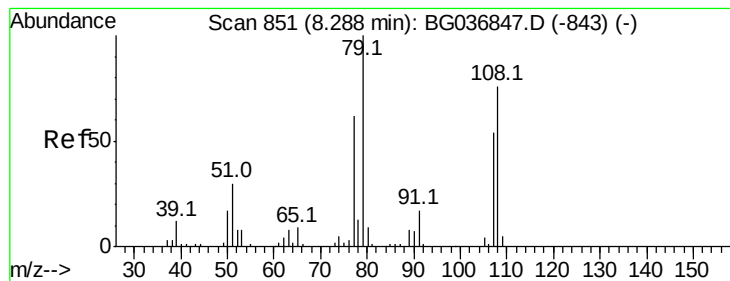
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.877 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

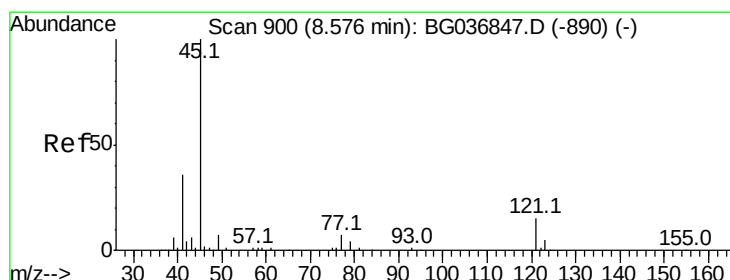
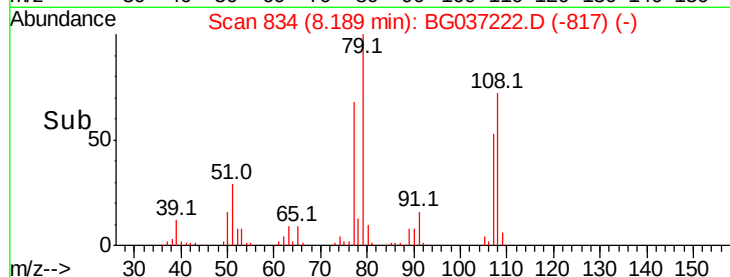
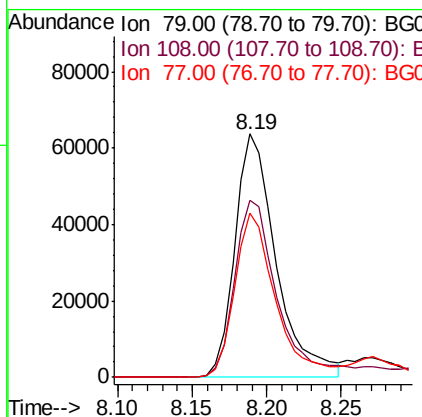
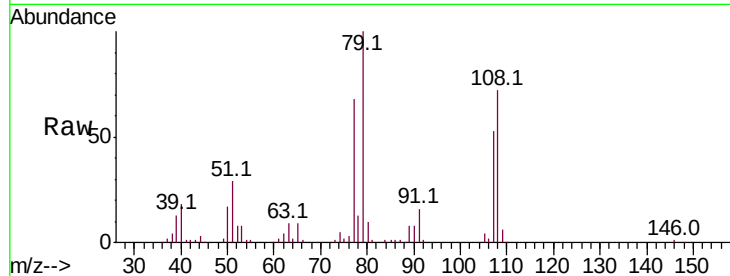
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 122844 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 72.5  | 55.9  | 83.9   |
| 77        | 67.7  | 50.0  | 75.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.810 ng

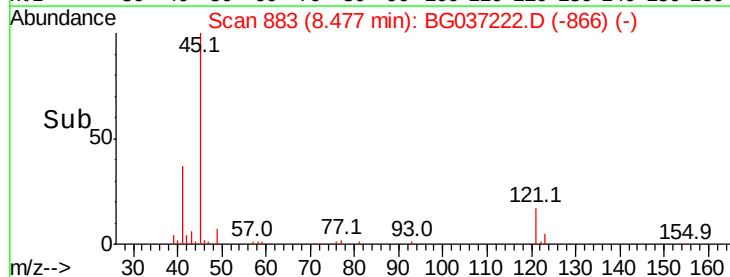
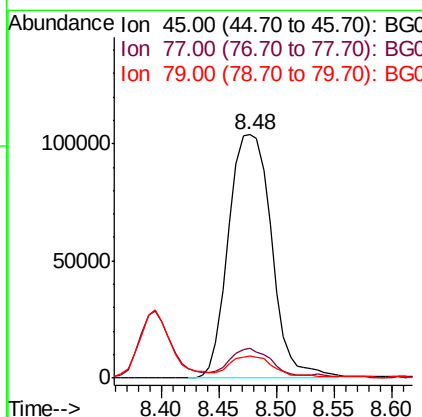
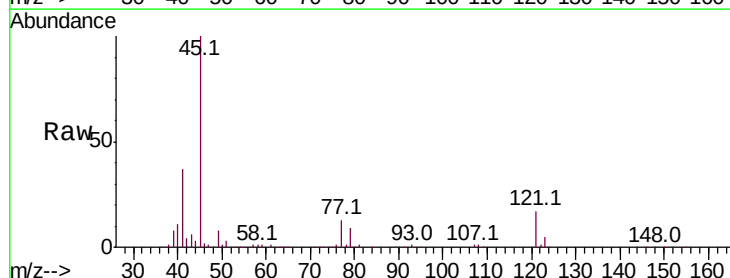
RT: 8.48 min Scan# 883

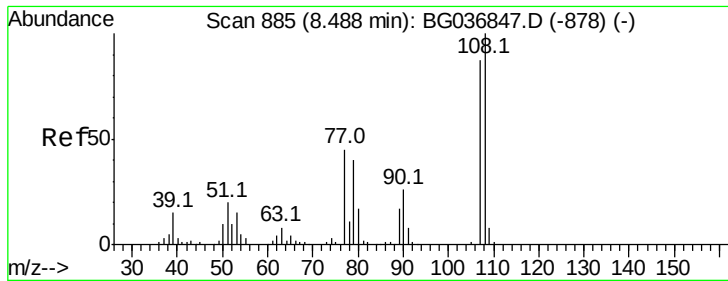
Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 269866 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.5  | 0.0   | 30.5   |
| 79        | 9.1   | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 39.589 ng

RT: 8.39 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

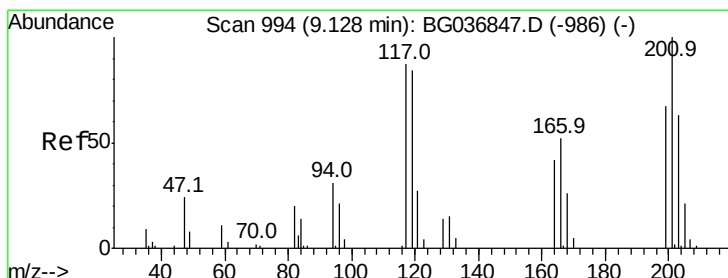
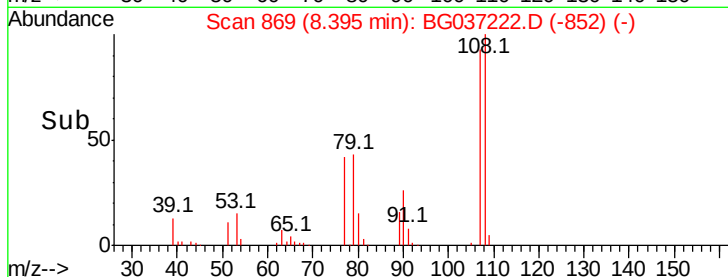
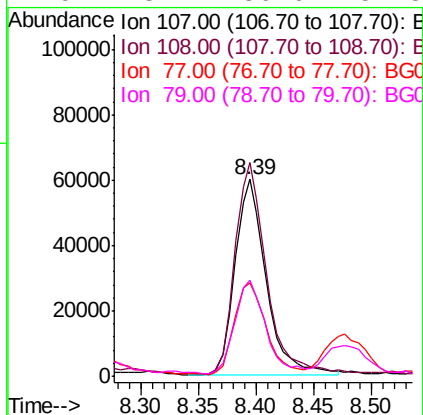
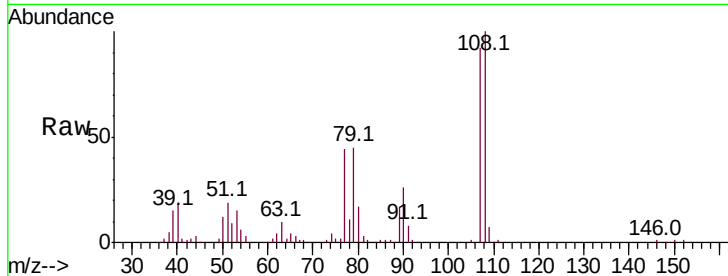
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 110832 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 108.6 | 86.7  | 130.1  |
| 77        | 47.6  | 39.0  | 58.4   |
| 79        | 48.7  | 36.6  | 54.8   |

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#18

Hexachloroethane

Concen: 42.606 ng

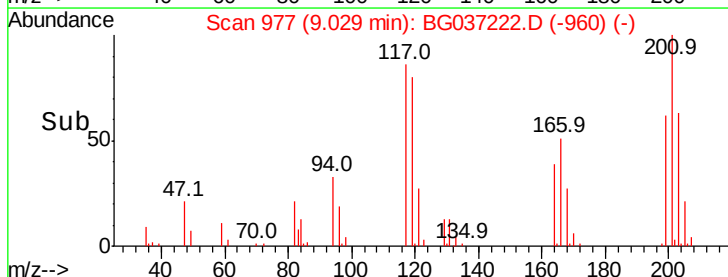
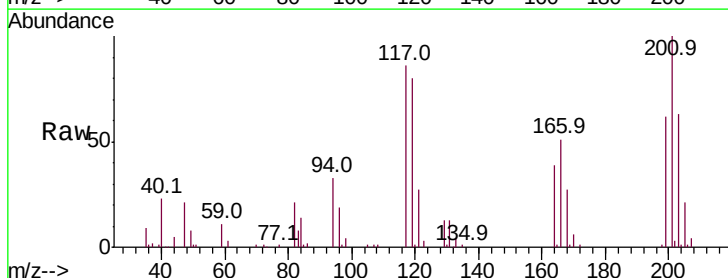
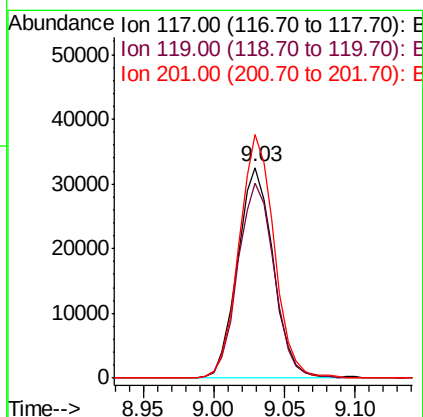
RT: 9.03 min Scan# 977

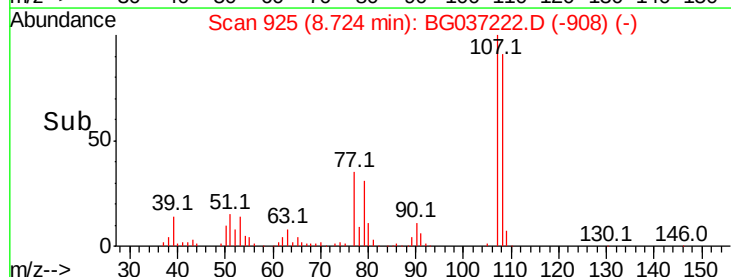
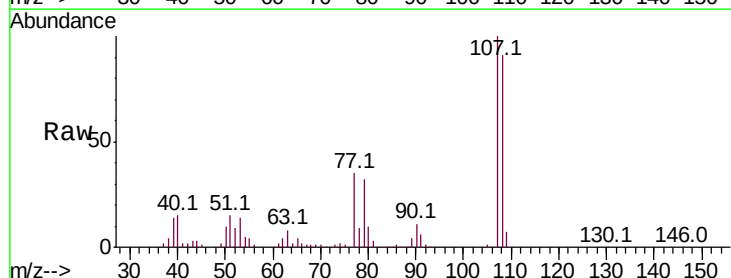
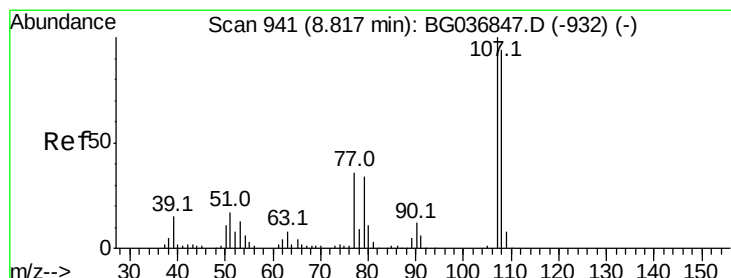
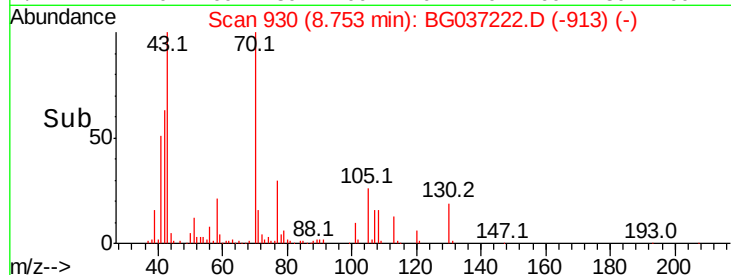
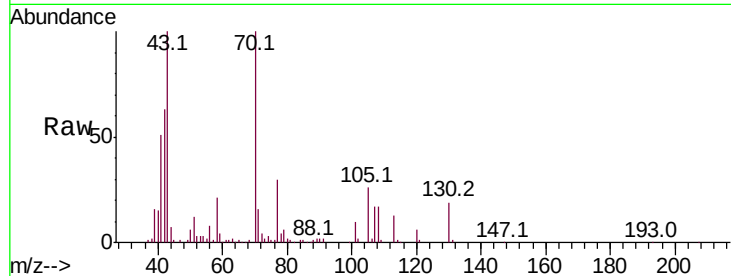
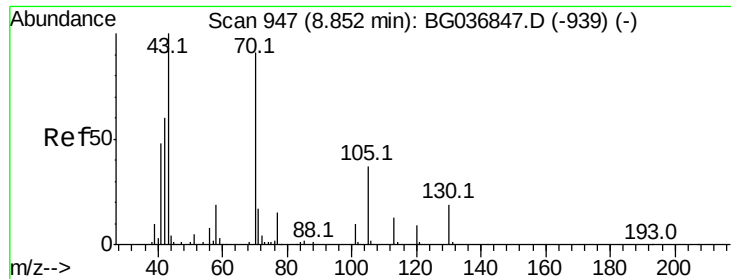
Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 57490 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 92.9  | 76.8  | 115.2 |
| 201       | 115.6 | 85.7  | 128.5 |





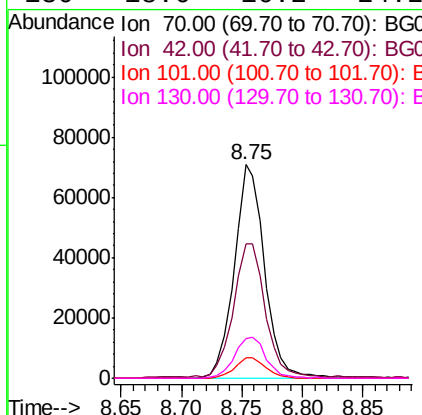
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.286 ng  
RT: 8.75 min Scan# 930  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 63.0 | 56.2  | 84.4  |       |
| 101     | 9.5  | 7.8   | 11.6  |       |
| 130     | 18.6 | 16.2  | 24.2  |       |

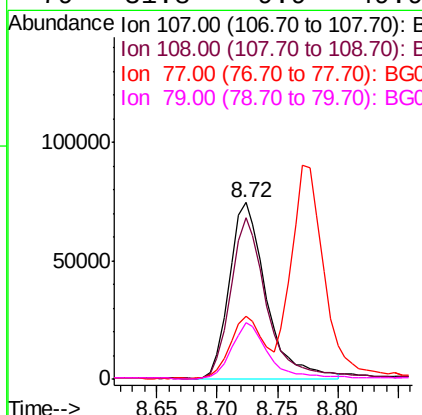
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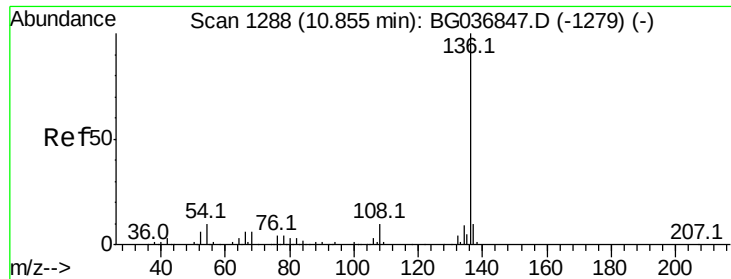
Sohil  
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#20  
3+4-Methylphenols  
Concen: 40.474 ng  
RT: 8.72 min Scan# 925  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.0 | 68.0  | 108.0 |       |
| 77      | 35.5 | 15.6  | 55.6  |       |
| 79      | 31.8 | 9.9   | 49.9  |       |





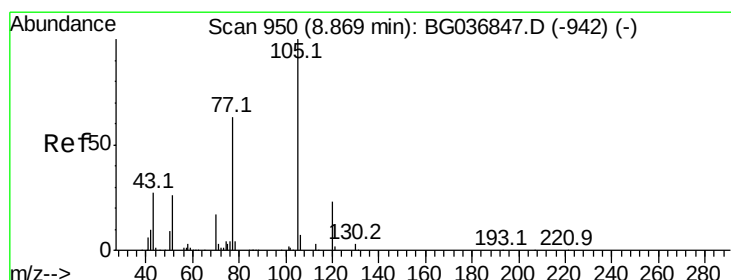
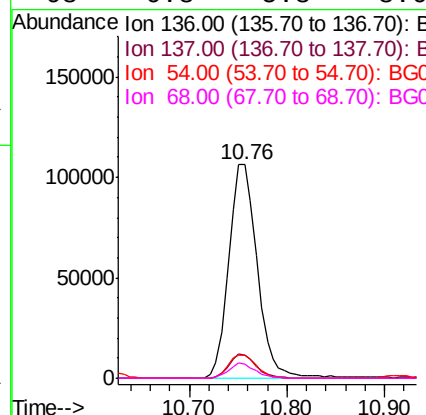
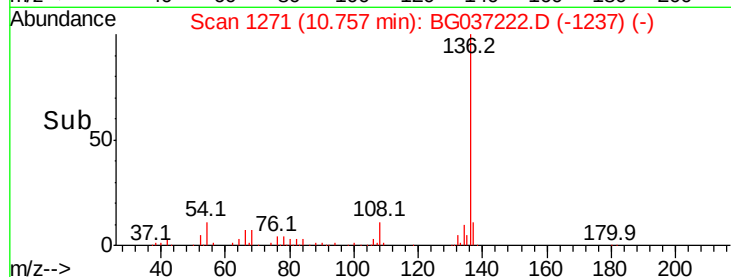
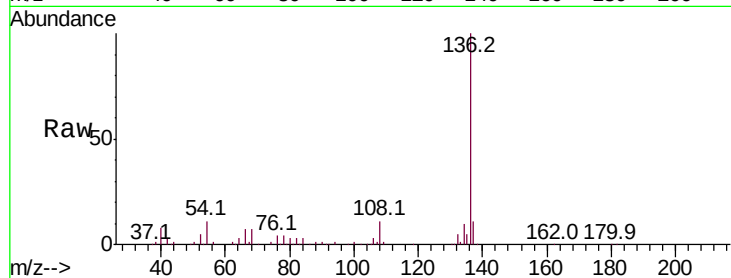
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.76 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.9  | 8.8  | 13.2  |       |
| 54      | 10.9  | 9.2  | 13.8  |       |
| 68      | 6.8   | 5.8  | 8.6   |       |

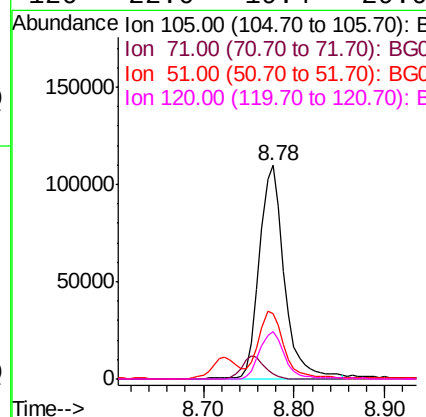
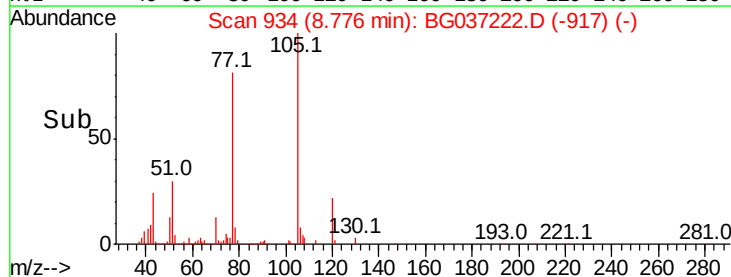
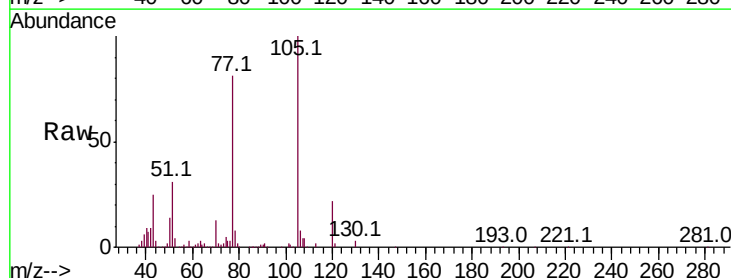
Manual Integrations  
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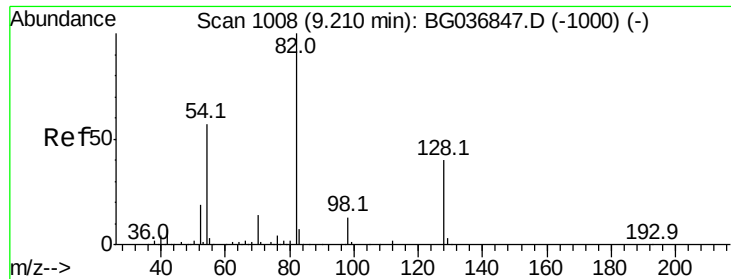
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#22  
Acetophenone  
Concen: 41.598 ng  
RT: 8.78 min Scan# 934  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.3   | 2.4  | 3.6#  |       |
| 51      | 30.6  | 25.9 | 38.9  |       |
| 120     | 22.0  | 19.4 | 29.0  |       |





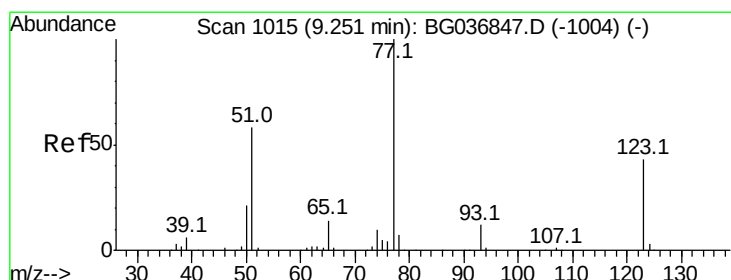
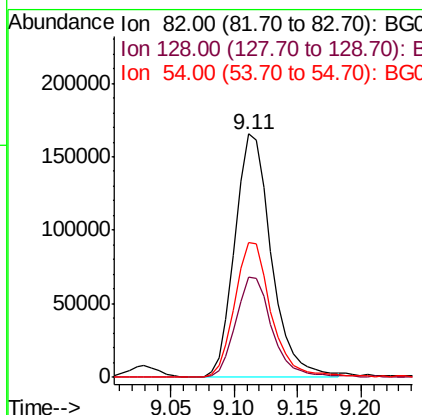
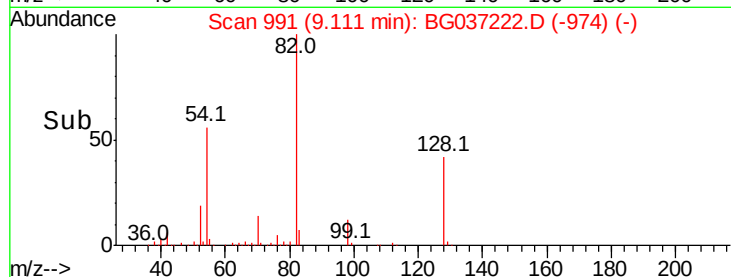
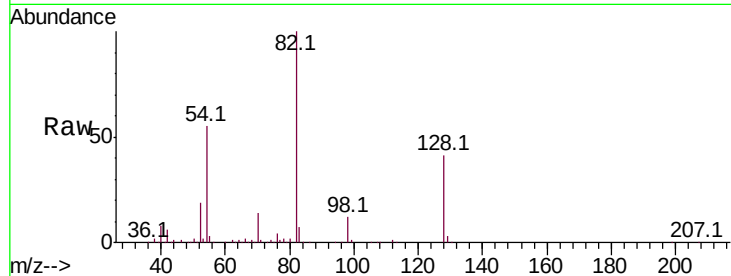
#23  
Nitrobenzene-d5  
Concen: 81.979 ng  
RT: 9.11 min Scan# 991  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.3  | 33.3  | 49.9  |
| 54      | 55.5  | 45.1  | 67.7  |

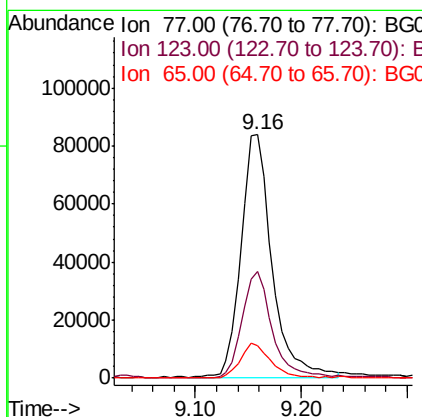
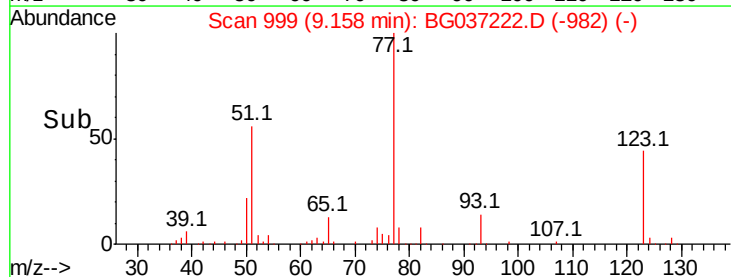
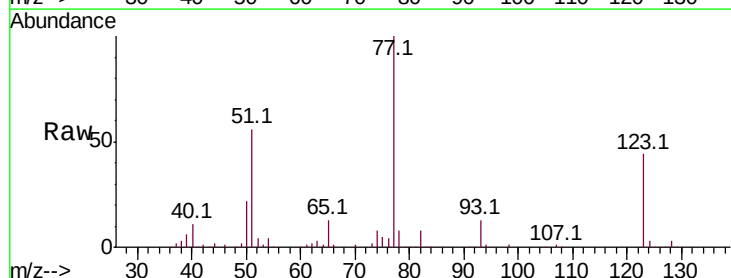
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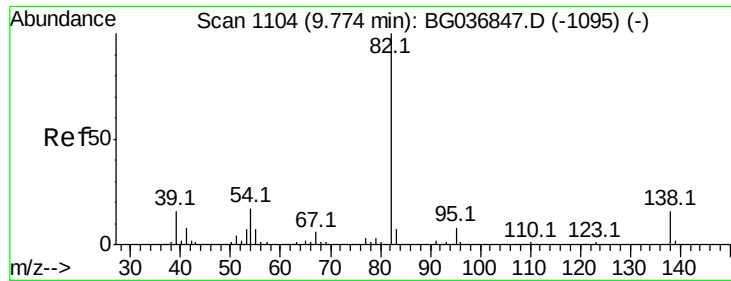


#24  
Nitrobenzene  
Concen: 39.532 ng  
RT: 9.16 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.8  | 32.4  | 48.6  |
| 65      | 13.3  | 11.5  | 17.3  |







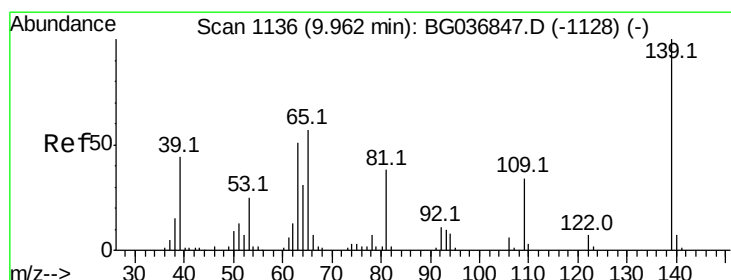
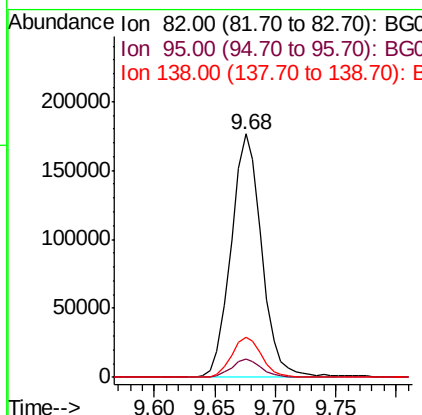
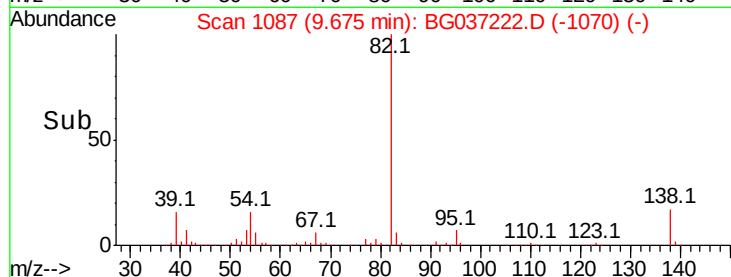
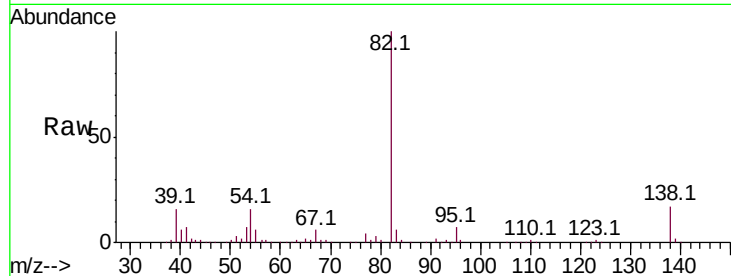
#25  
Isophorone  
Concen: 42.320 ng  
RT: 9.68 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.3   | 5.8   | 8.8   |
| 138     | 16.7  | 12.9  | 19.3  |

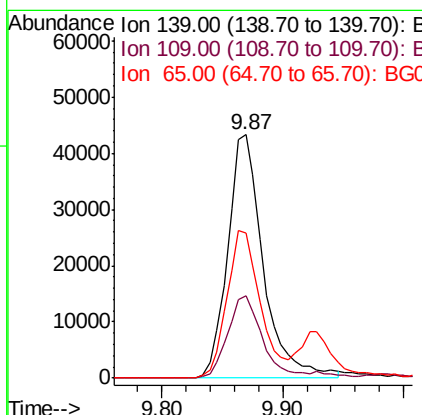
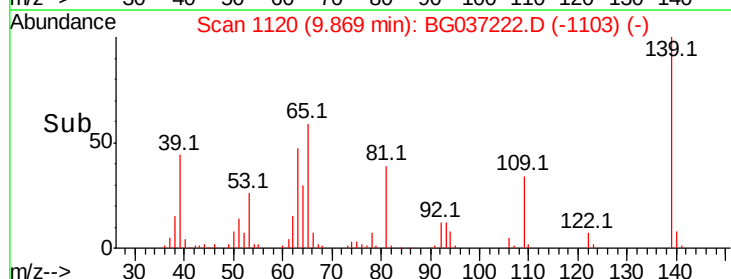
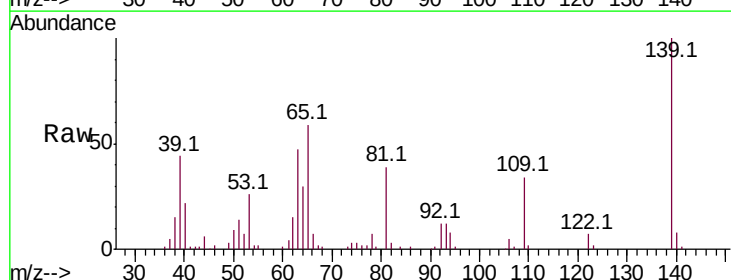
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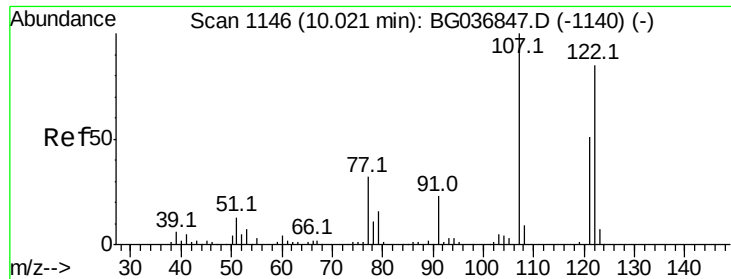
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#26  
2-Nitrophenol  
Concen: 51.762 ng  
RT: 9.87 min Scan# 1120  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 33.7  | 27.4  | 41.0  |
| 65      | 59.5  | 47.8  | 71.6  |





#27

2,4-Dimethylphenol

Concen: 39.990 ng

RT: 9.93 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

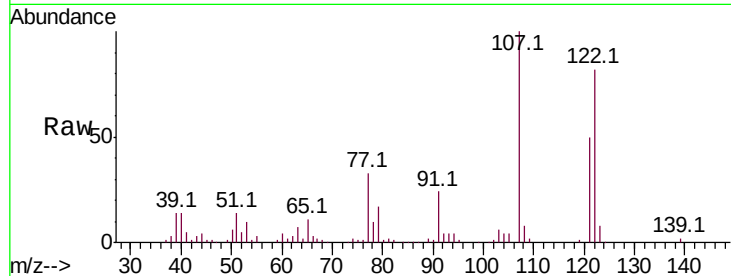
ClientSampleId :

SSTDCCC040

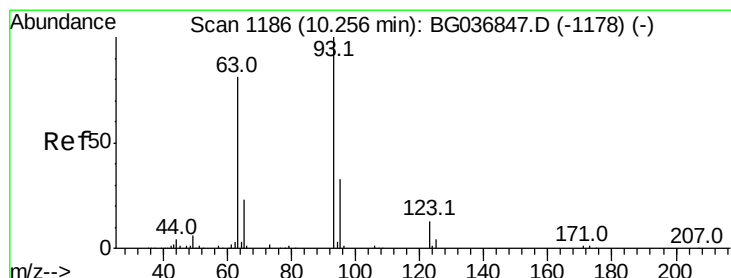
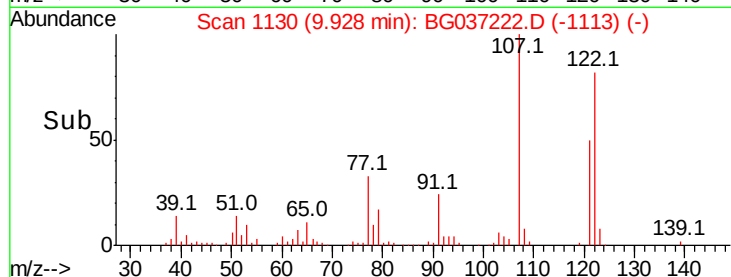
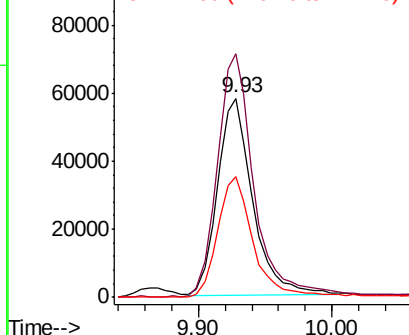
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 106914 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 122.4 | 96.0  | 144.0  |
| 121       | 61.0  | 48.2  | 72.4   |

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Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.206 ng

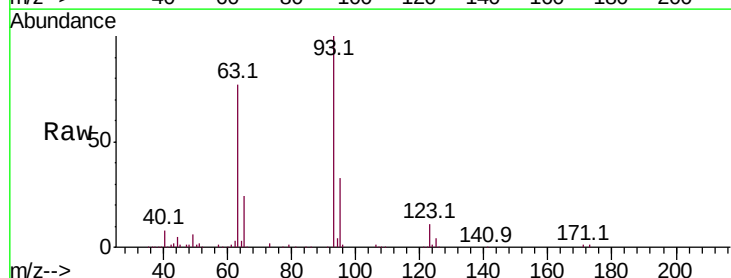
RT: 10.16 min Scan# 1170

Delta R.T. 0.00 min

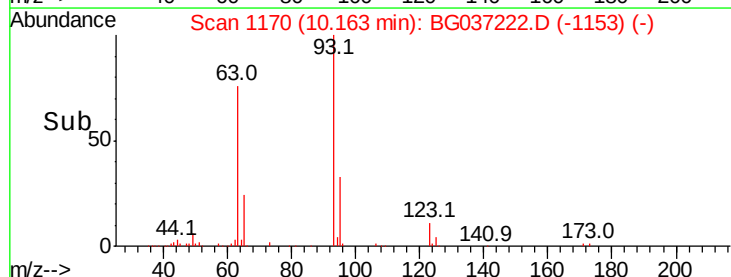
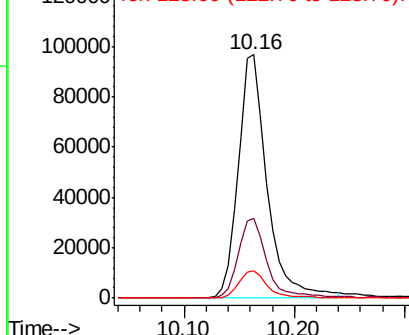
Lab File: BG037222.D

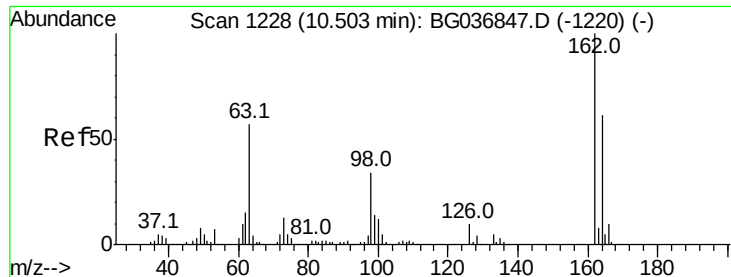
Acq: 9 Oct 2018 18:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 178237 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.9  | 25.2  | 37.8   |
| 123       | 11.2  | 8.6   | 12.8   |



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E





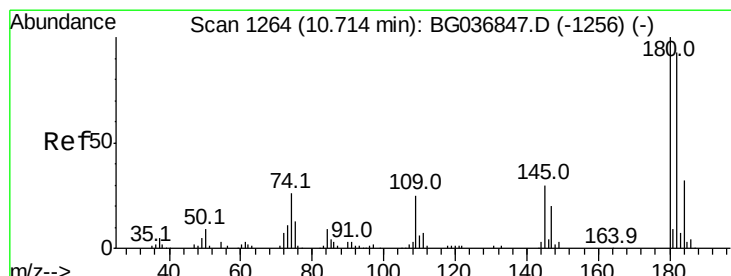
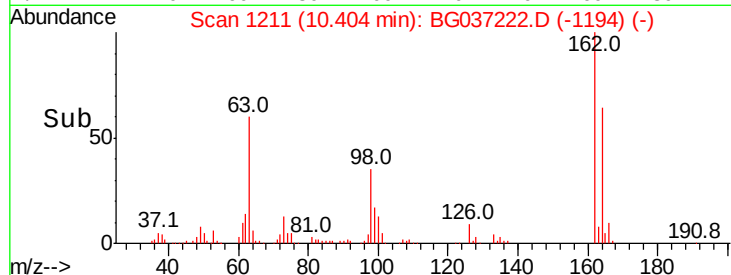
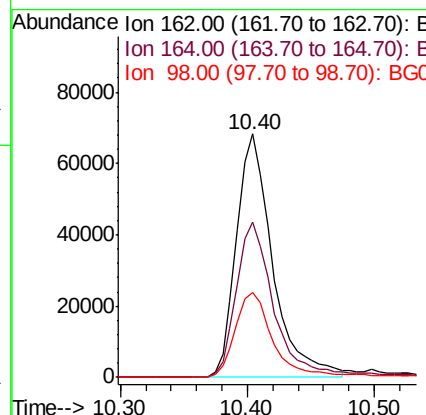
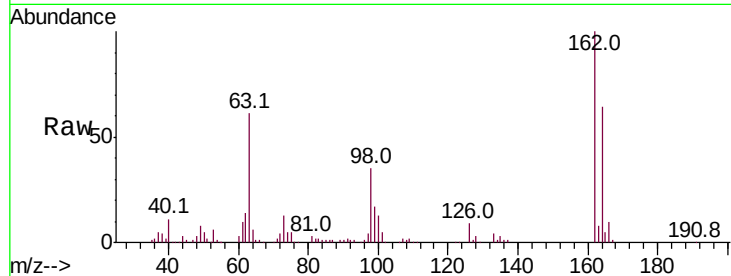
#29  
2,4-Dichlorophenol  
Concen: 43.636 ng  
RT: 10.40 min Scan# 1211  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.0  | 47.6  | 87.6  |
| 98      | 34.8  | 19.2  | 59.2  |

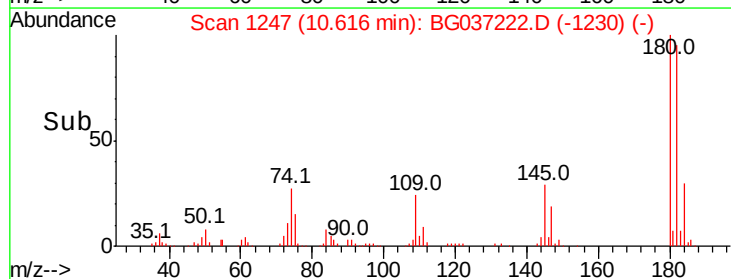
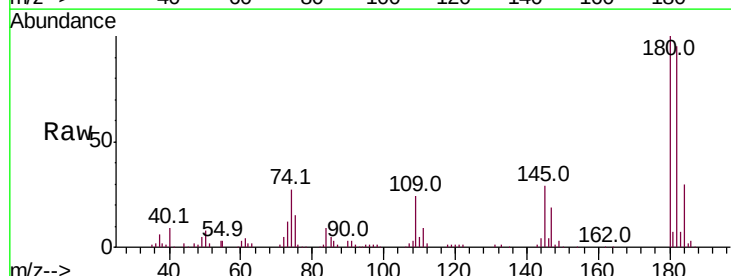
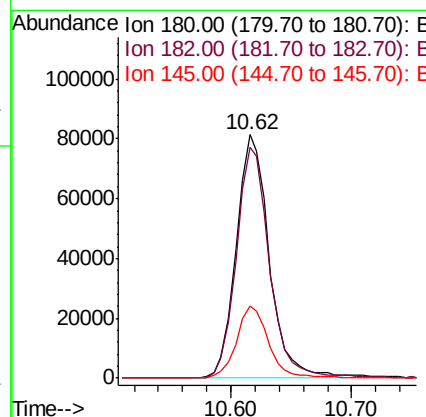
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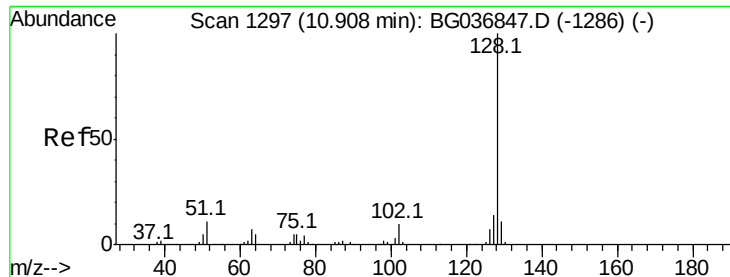
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.912 ng  
RT: 10.62 min Scan# 1247  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 76.0  | 114.0 |
| 145     | 29.5  | 22.9  | 34.3  |





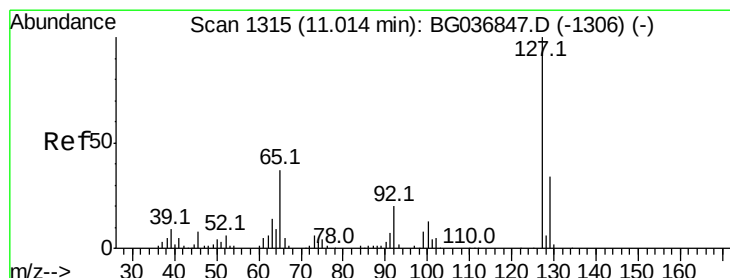
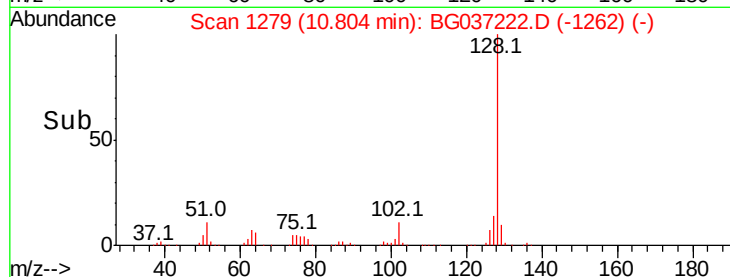
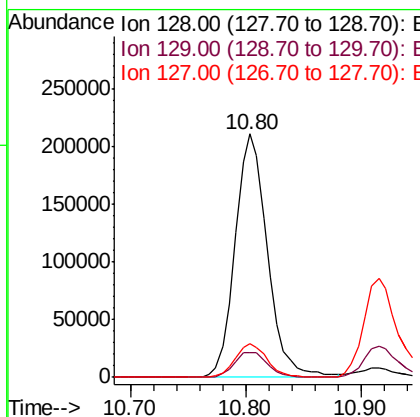
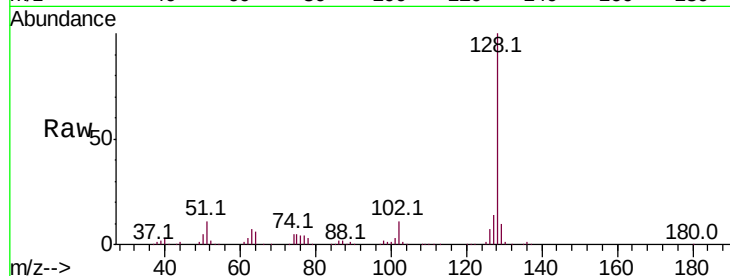
#31  
Naphthalene  
Concen: 39.670 ng  
RT: 10.80 min Scan# 1279  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 9.4   | 14.2  |
| 127     | 13.6  | 11.0  | 16.4  |

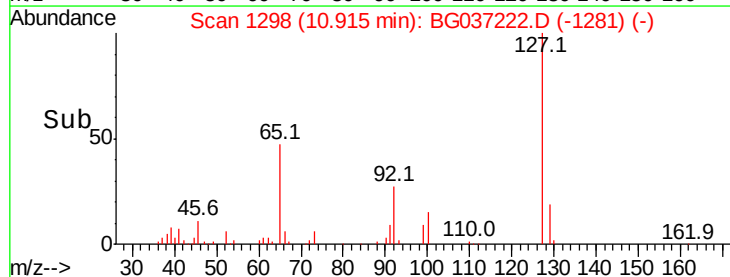
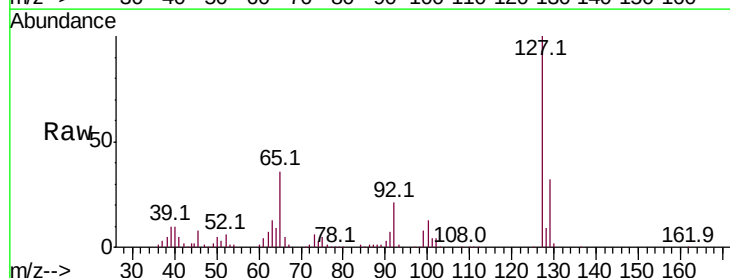
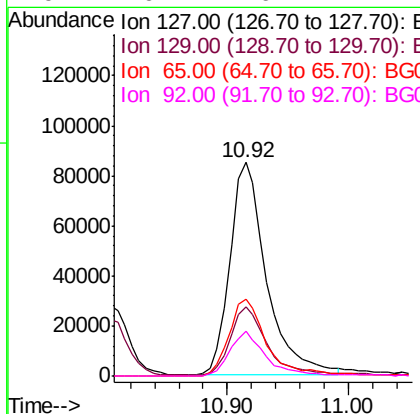
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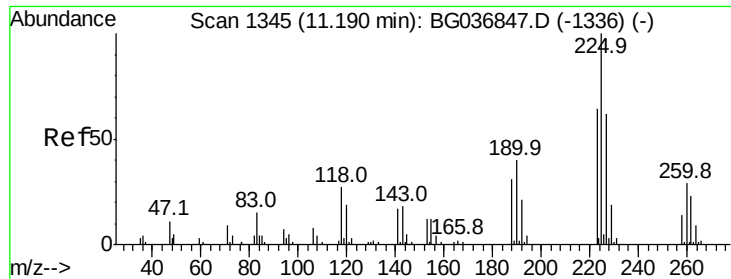
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#33  
4-Chloroaniline  
Concen: 38.397 ng  
RT: 10.92 min Scan# 1298  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.1  | 25.9  | 38.9  |
| 65      | 36.1  | 27.5  | 41.3  |
| 92      | 20.7  | 16.2  | 24.2  |





#34

Hexachlorobutadiene

Concen: 40.866 ng

RT: 11.09 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

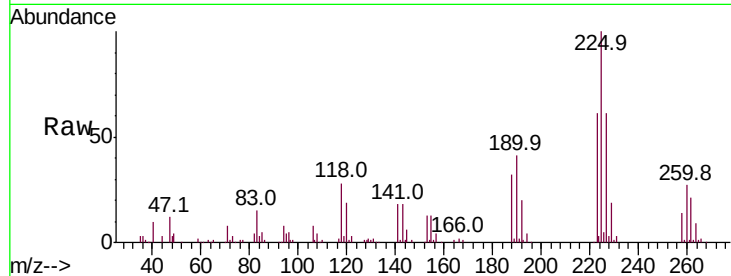
ClientSampleId :

SSTDCCC040

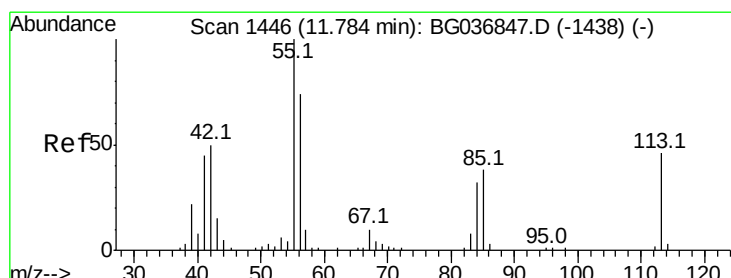
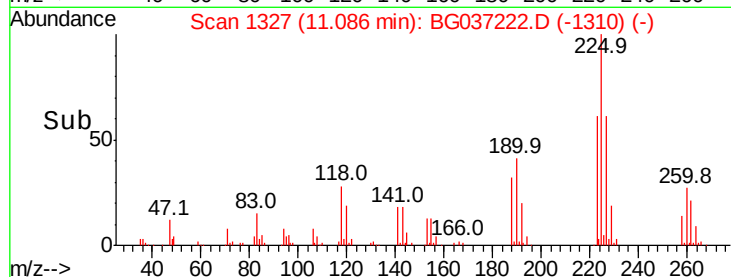
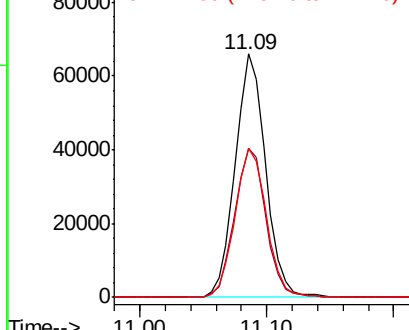
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 225  | Resp: | 109610 |
| Ion Ratio |      | Lower | Upper  |
| 225       | 100  |       |        |
| 223       | 61.3 | 51.8  | 77.8   |
| 227       | 61.1 | 49.8  | 74.6   |

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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: 39.837 ng

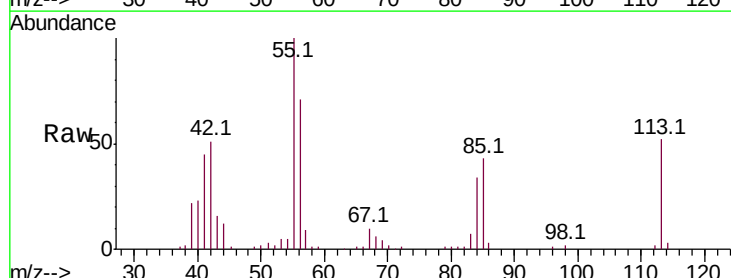
RT: 11.70 min Scan# 1431

Delta R.T. 0.00 min

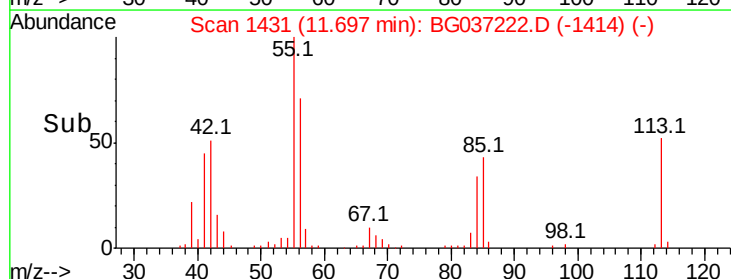
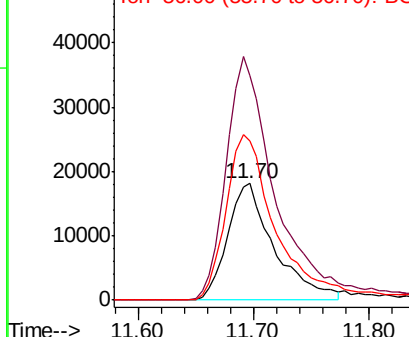
Lab File: BG037222.D

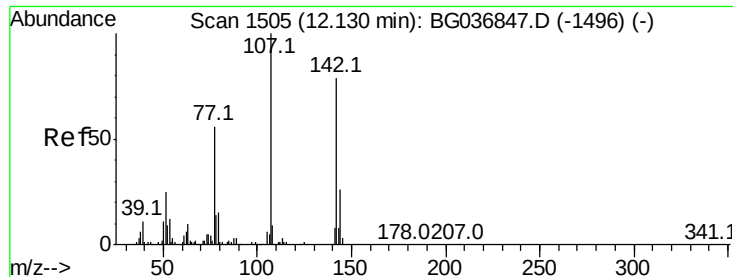
Acq: 9 Oct 2018 18:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 50816  |
| Ion Ratio |       | Lower | Upper  |
| 113       | 100   |       |        |
| 55        | 193.0 | 197.7 | 237.7# |
| 56        | 137.1 | 131.7 | 171.7  |



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BGC  
Ion 56.00 (55.70 to 56.70): BGC





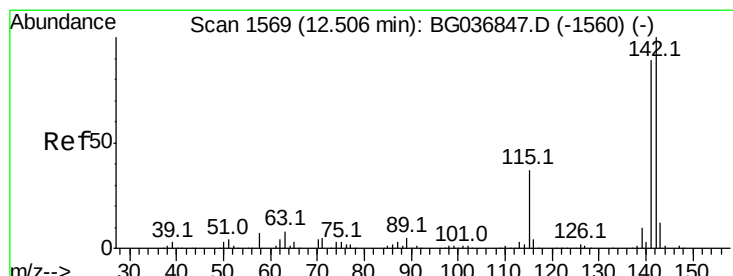
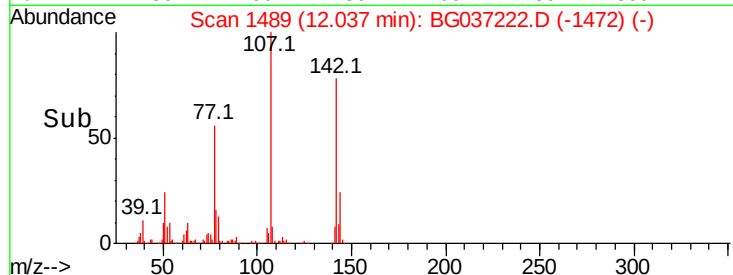
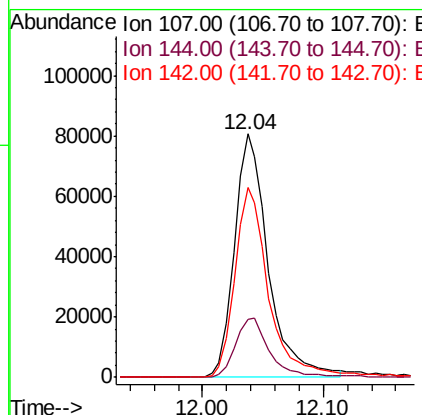
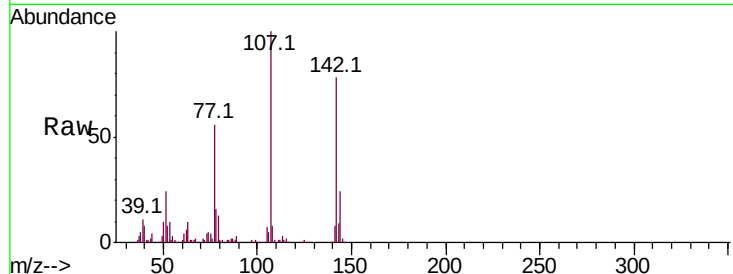
#36  
4-Chloro-3-methylphenol  
Concen: 42.385 ng  
RT: 12.04 min Scan# 1489  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.6  | 19.5  | 29.3  |
| 142     | 77.9  | 62.4  | 93.6  |

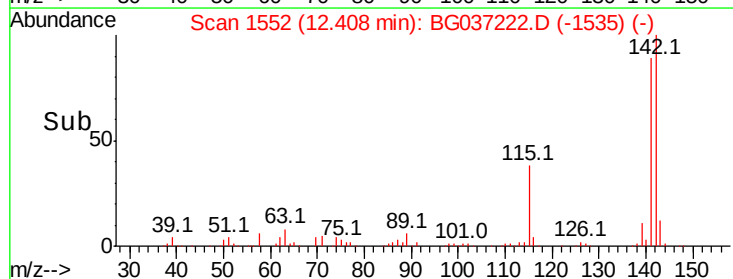
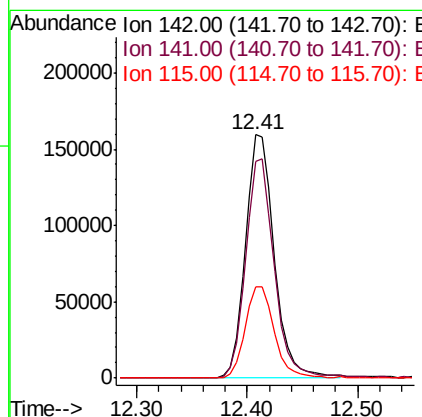
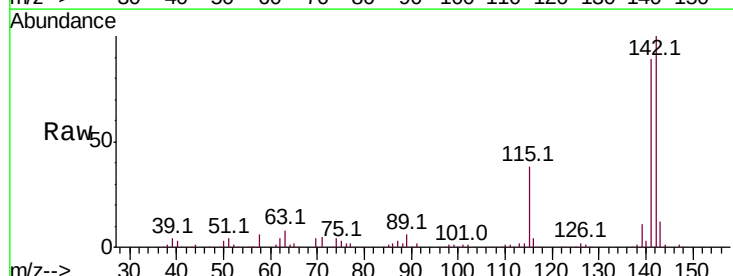
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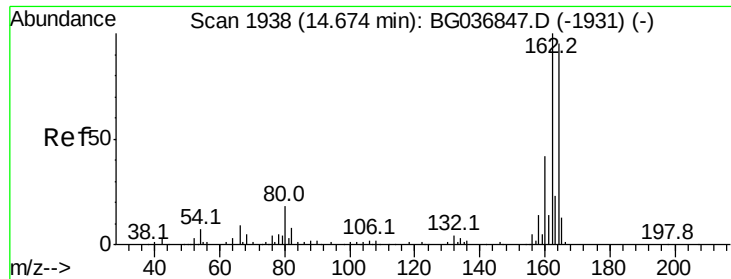
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#37  
2-Methylnaphthalene  
Concen: 37.376 ng  
RT: 12.41 min Scan# 1552  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 68.5  | 102.7 |
| 115     | 37.6  | 29.8  | 44.8  |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

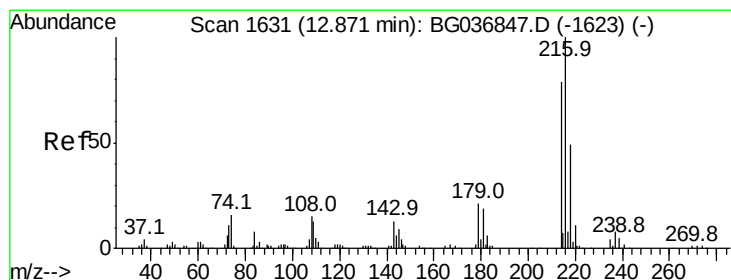
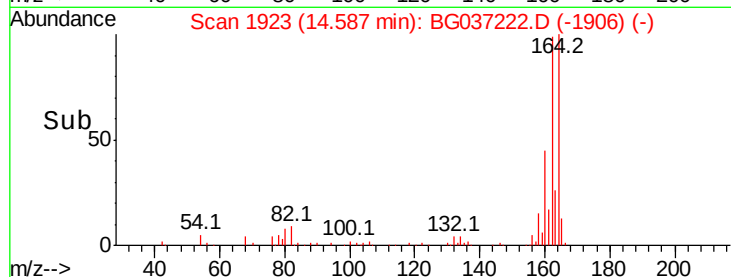
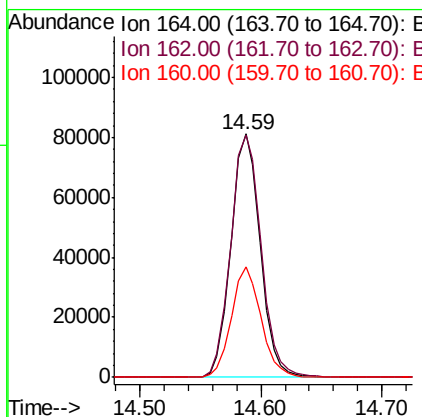
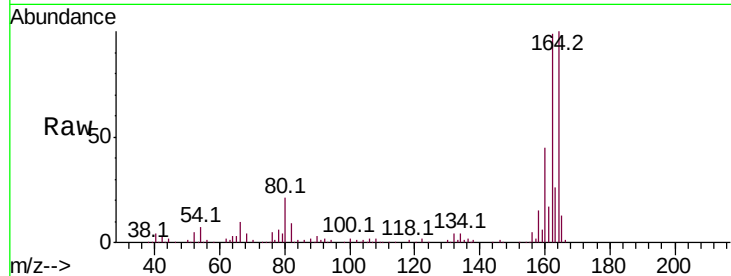
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 136964 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.4  | 80.7  | 121.1  |
| 160       | 45.2  | 35.3  | 52.9   |

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.784 ng

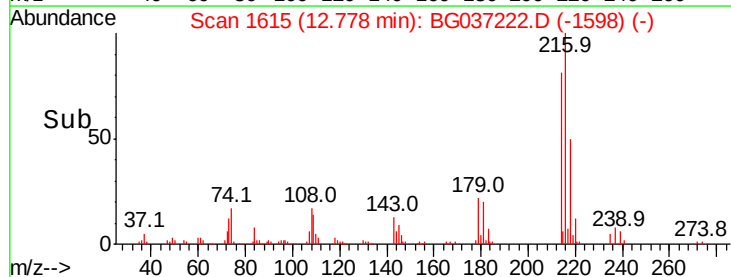
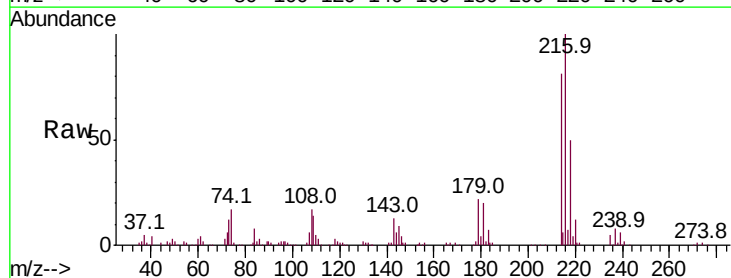
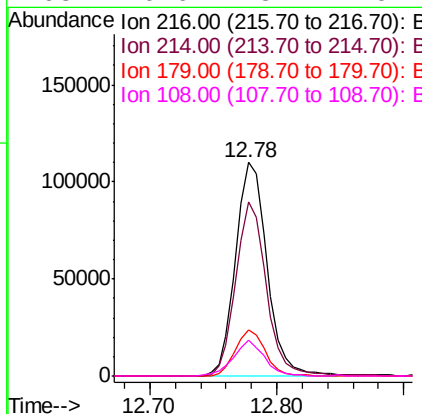
RT: 12.78 min Scan# 1615

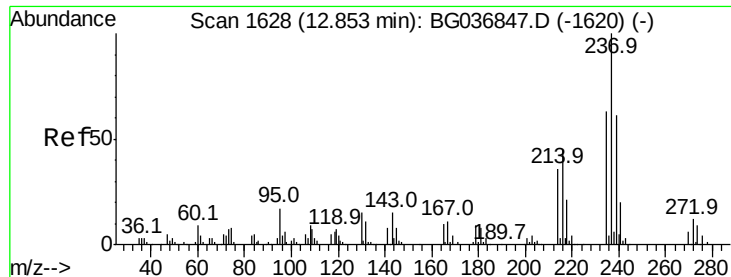
Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 190051 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.6  | 61.0  | 91.6   |
| 179       | 20.5  | 15.7  | 23.5   |
| 108       | 16.6  | 13.1  | 19.7   |





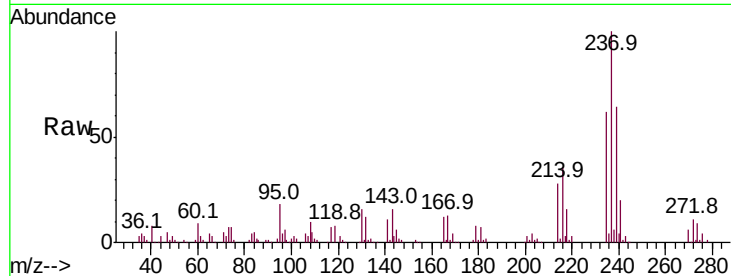
#40  
 Hexachlorocyclopentadiene  
 Concen: 37.044 ng  
 RT: 12.76 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

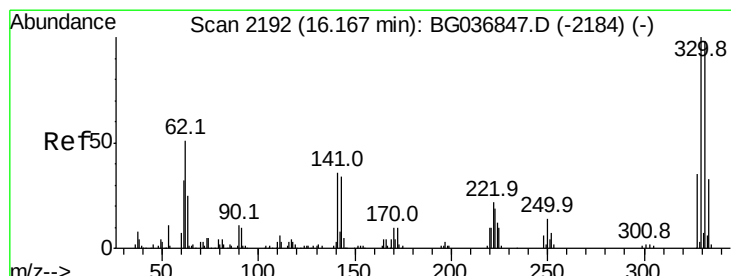
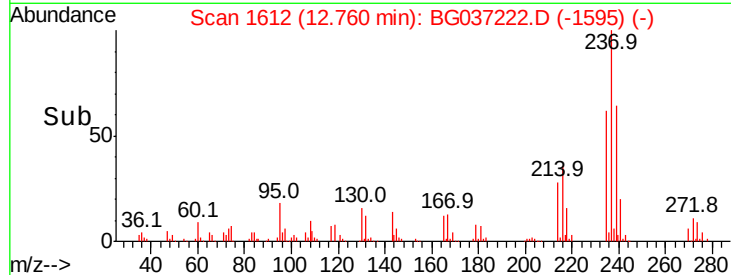
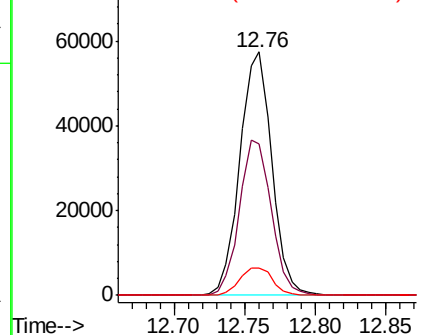
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 91012 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 62.0  | 42.2  | 82.2  |
| 272       | 11.3  | 0.0   | 32.1  |

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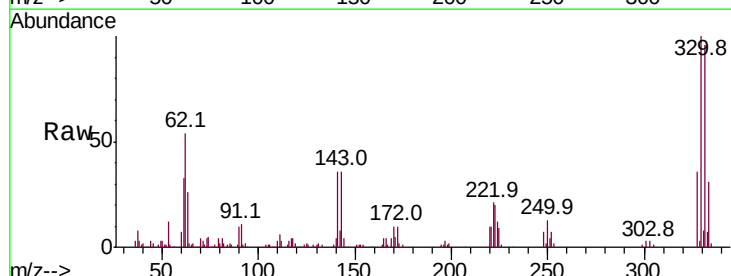


Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E

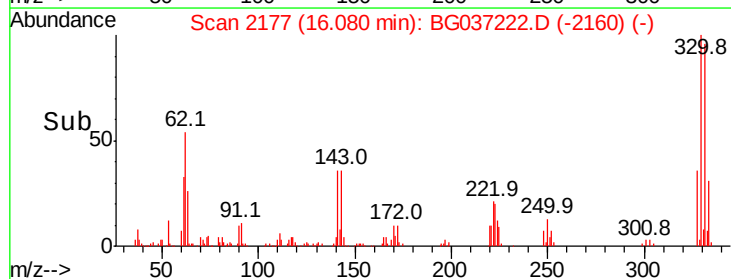
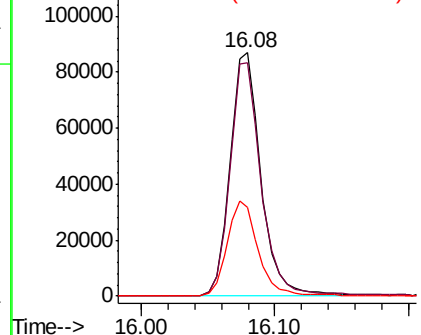


#41  
 2,4,6-Tribromophenol  
 Concen: 85.683 ng  
 RT: 16.08 min Scan# 2177  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

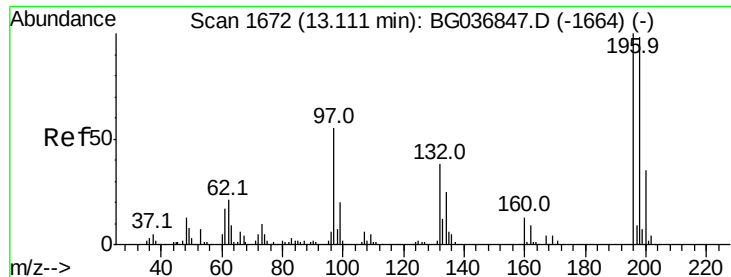
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 140408 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.9  | 75.4  | 113.2  |
| 141       | 39.5  | 30.7  | 46.1   |



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







#42

2,4,6-Trichlorophenol

Concen: 50.058 ng

RT: 13.02 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

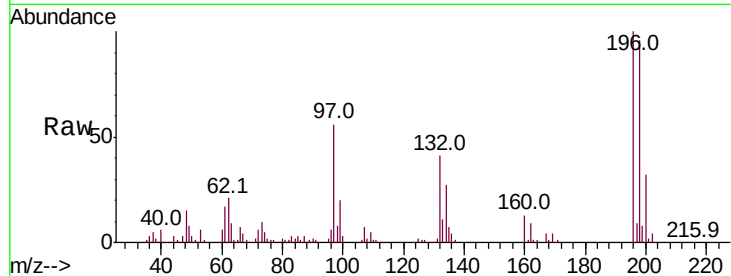
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 132790 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.7  | 77.2  | 115.8  |
| 200      | 32.1  | 26.3  | 39.5   |

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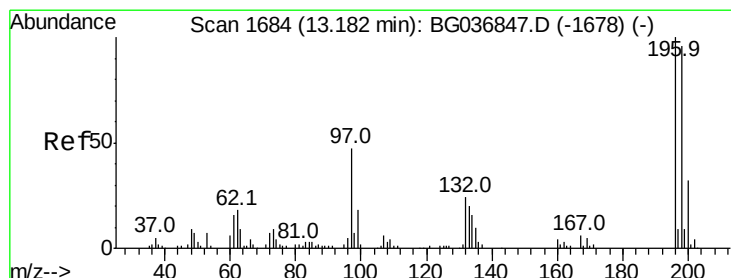
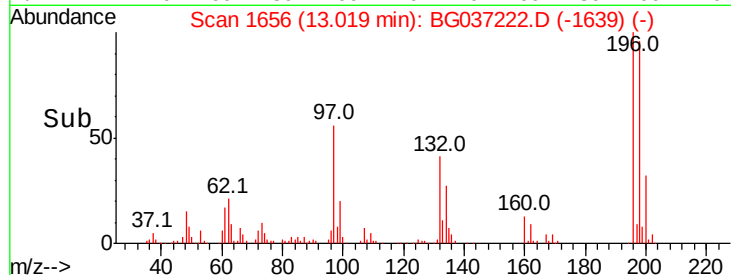
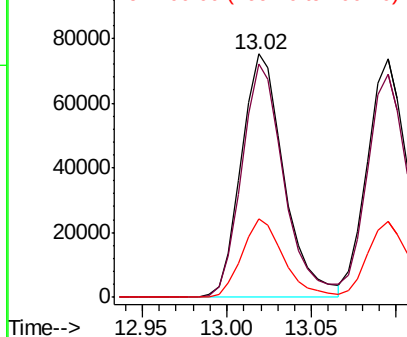


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 44.608 ng

RT: 13.09 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 126180 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 93.6  | 75.6  | 113.4  |
| 97       | 46.1  | 37.2  | 55.8   |
| 132      | 25.4  | 19.4  | 29.2   |

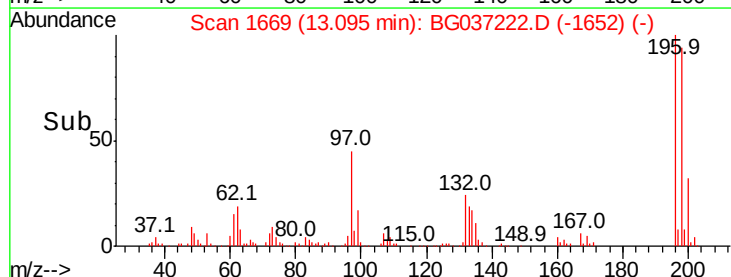
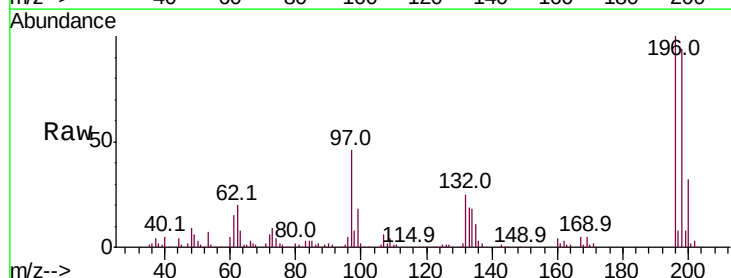
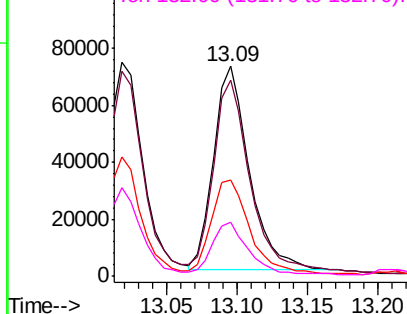
Abundance

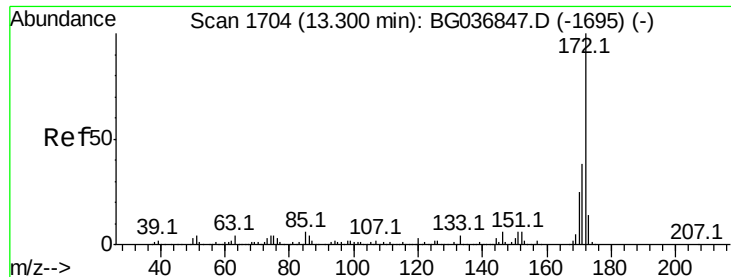
Ion 196.00 (195.70 to 196.70): E

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





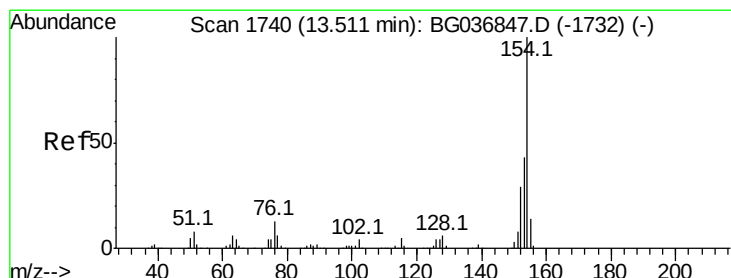
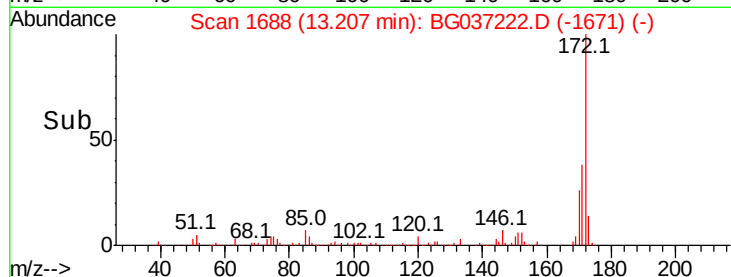
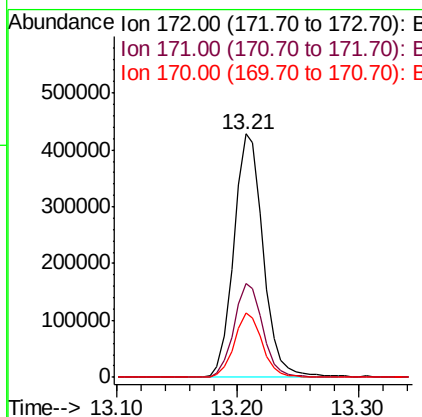
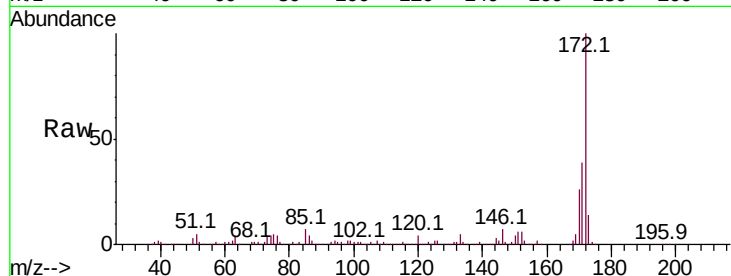
#44  
2-Fluorobiphenyl  
Concen: 78.845 ng  
RT: 13.21 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 31.3  | 46.9  |
| 170     | 26.3  | 21.0  | 31.6  |

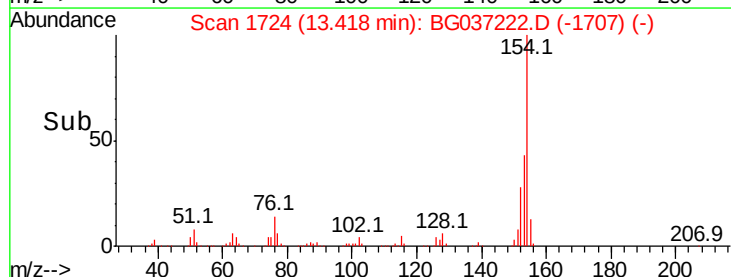
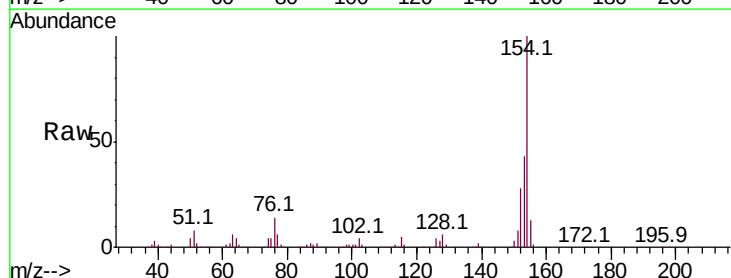
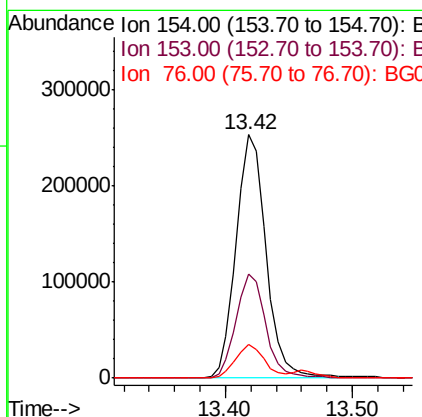
Manual Integrations  
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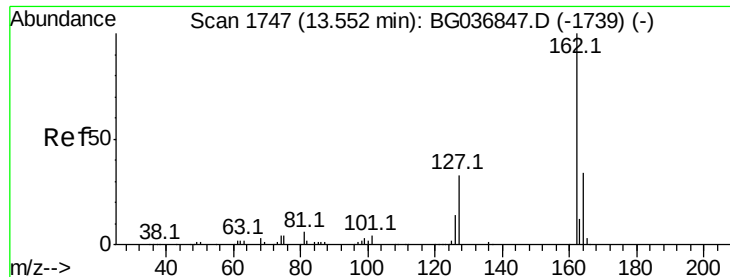
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#45  
1,1'-Biphenyl  
Concen: 39.532 ng  
RT: 13.42 min Scan# 1724  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.9  | 24.0  | 64.0  |
| 76      | 13.9  | 0.0   | 32.9  |





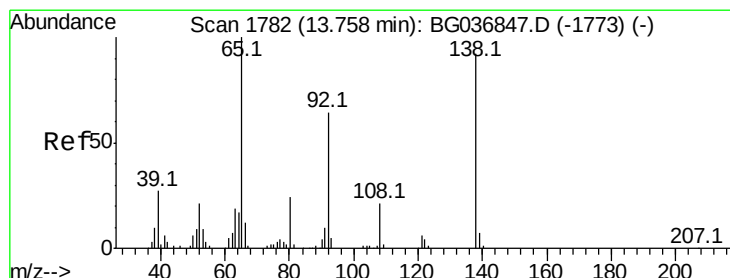
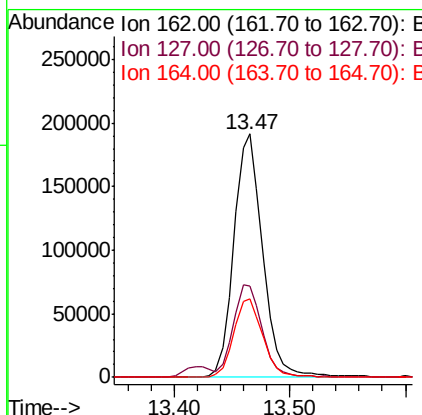
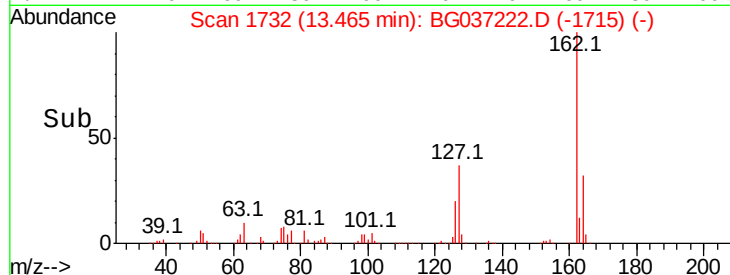
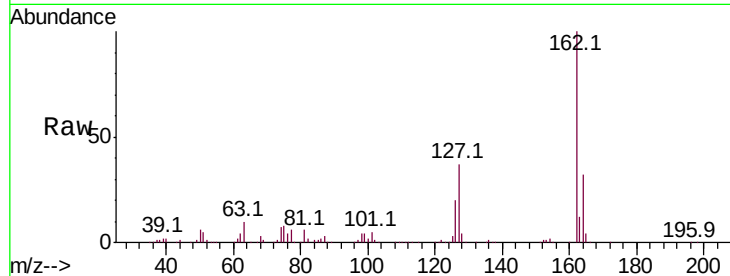
#46  
 2-Chloronaphthalene  
 Concen: 39.986 ng  
 RT: 13.47 min Scan# 1732  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 329851 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.4  | 30.7  | 46.1   |
| 164       | 32.4  | 26.7  | 40.1   |

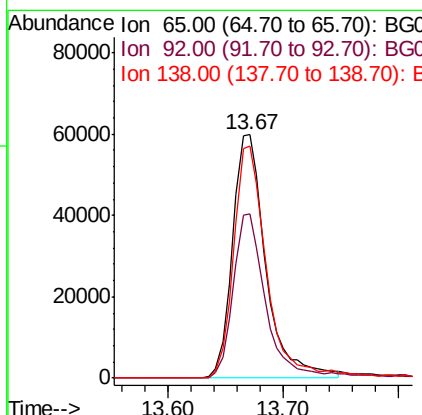
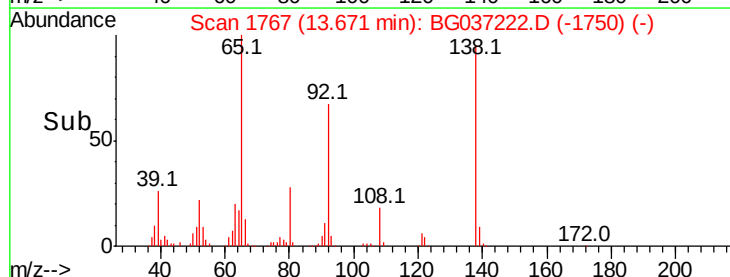
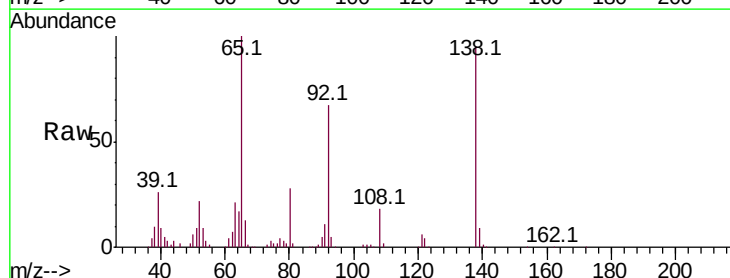
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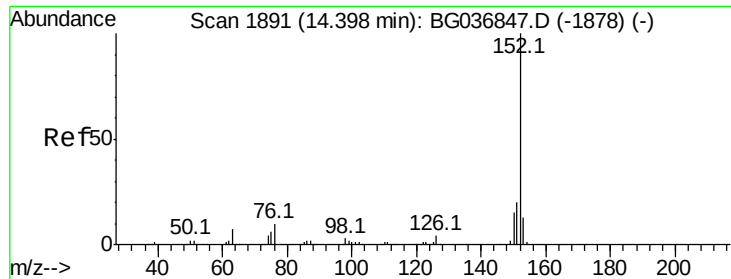
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#47  
 2-Nitroaniline  
 Concen: 41.962 ng  
 RT: 13.67 min Scan# 1767  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 119727 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 67.3  | 49.9  | 74.9   |
| 138       | 95.3  | 76.2  | 114.4  |





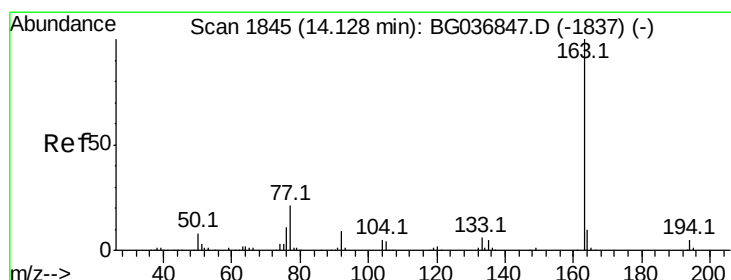
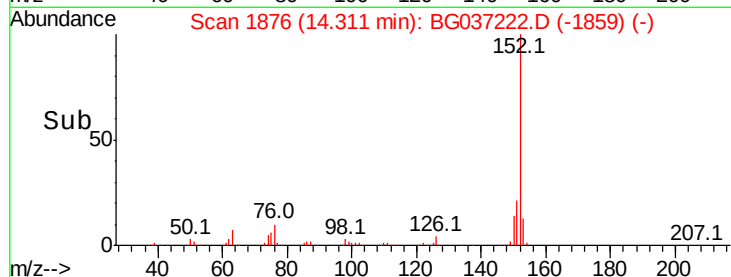
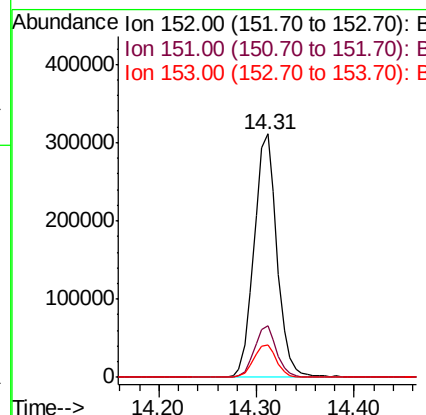
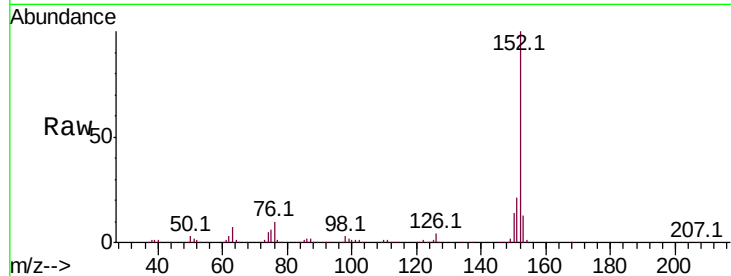
#48  
Acenaphthylene  
Concen: 39.799 ng  
RT: 14.31 min Scan# 1876  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.0  | 16.9  | 25.3  |
| 153     | 13.4  | 11.2  | 16.8  |

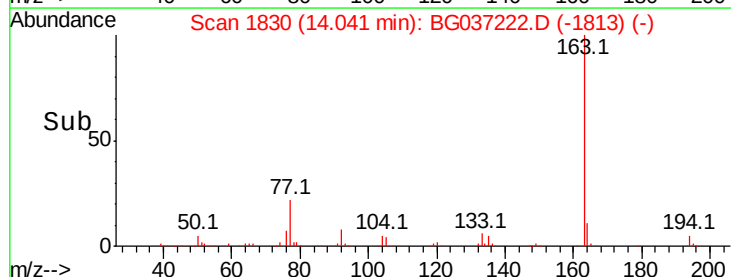
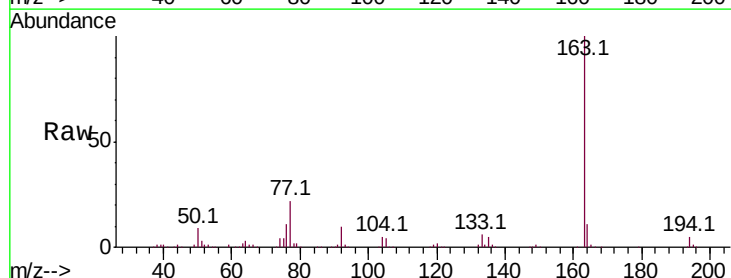
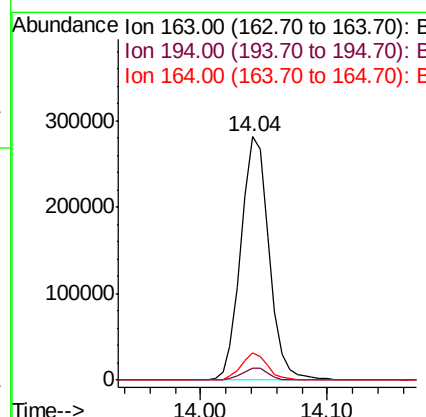
Manual Integrations  
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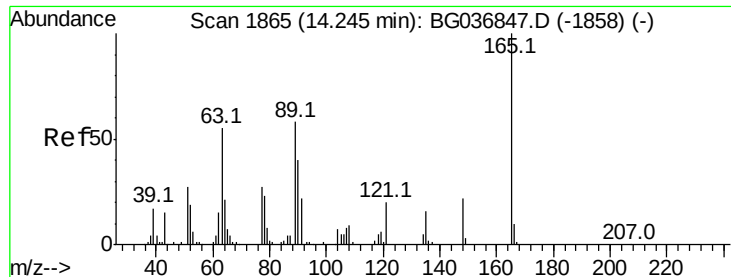
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#49  
Dimethylphthalate  
Concen: 39.243 ng  
RT: 14.04 min Scan# 1830  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.7   | 4.0   | 6.0   |
| 164     | 11.0  | 8.1   | 12.1  |





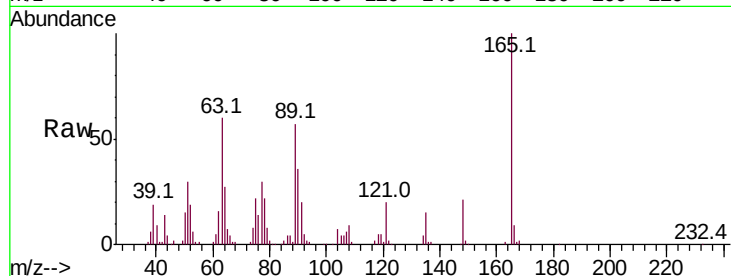
#50  
2,6-Dinitrotoluene  
Concen: 40.147 ng  
RT: 14.16 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

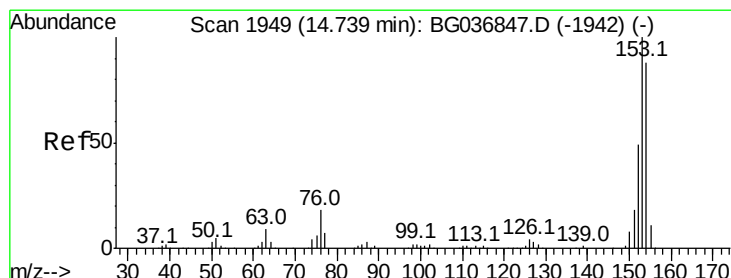
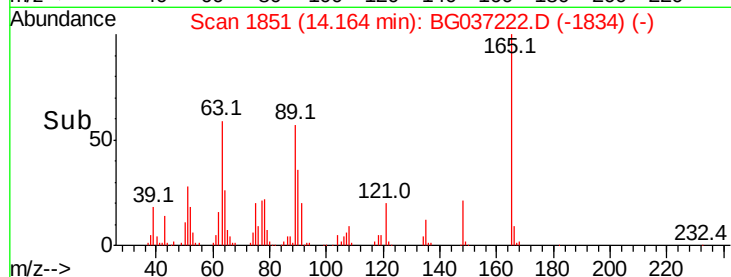
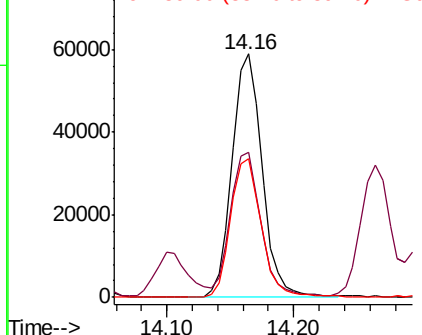
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 59.6  | 50.1  | 75.1  |
| 89      | 57.0  | 47.8  | 71.6  |

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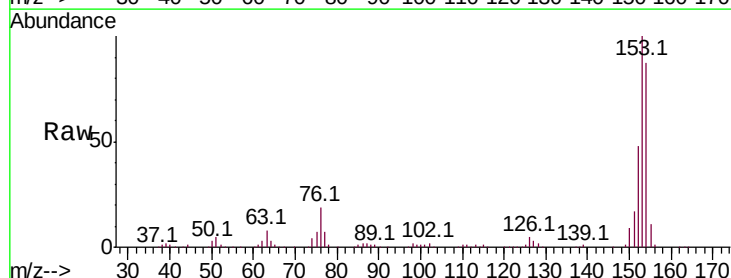


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC

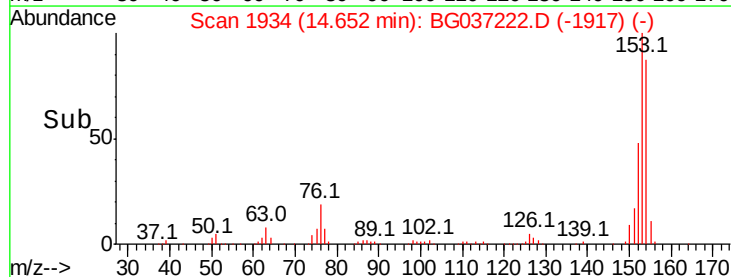
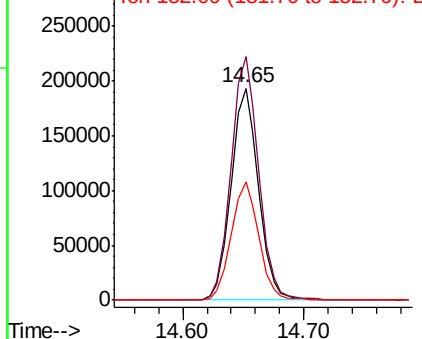


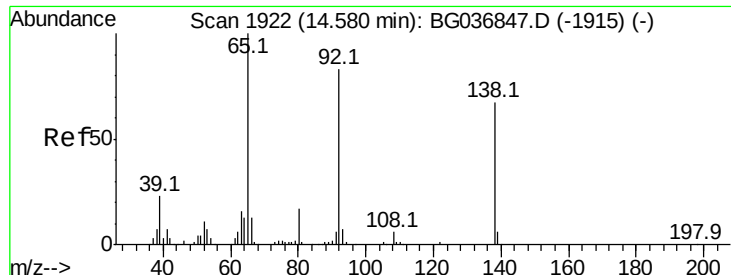
#51  
Acenaphthene  
Concen: 39.104 ng  
RT: 14.65 min Scan# 1934  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.0 | 91.8  | 137.6 |
| 152     | 55.6  | 43.5  | 65.3  |



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





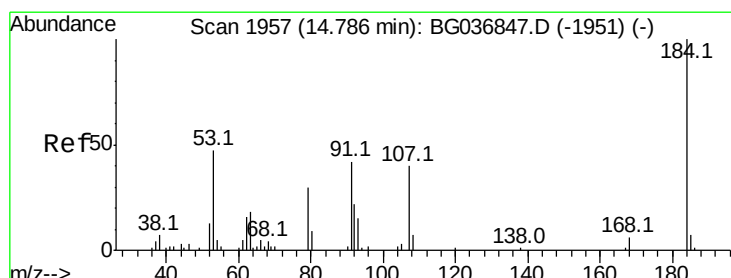
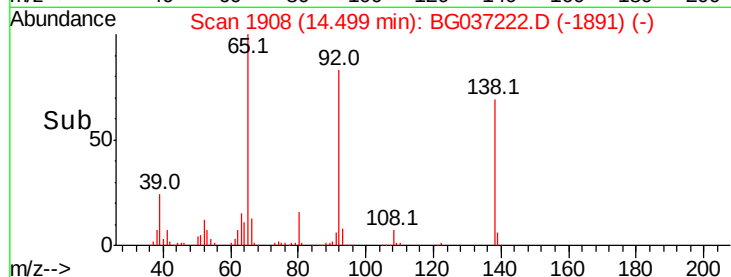
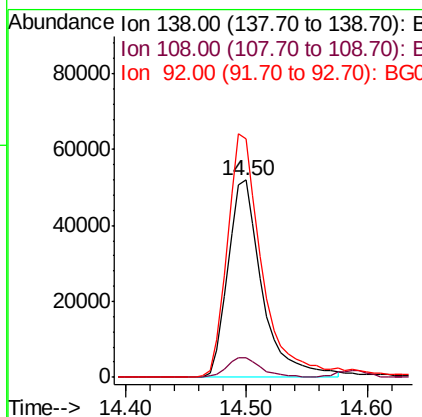
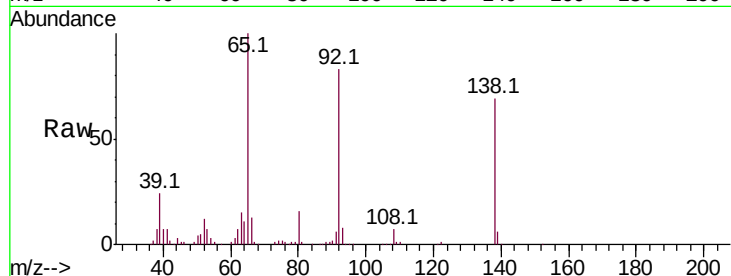
#52  
3-Nitroaniline  
Concen: 40.515 ng  
RT: 14.50 min Scan# 1908  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 9.4   | 14.2  |
| 92      | 121.0 | 96.8  | 145.2 |

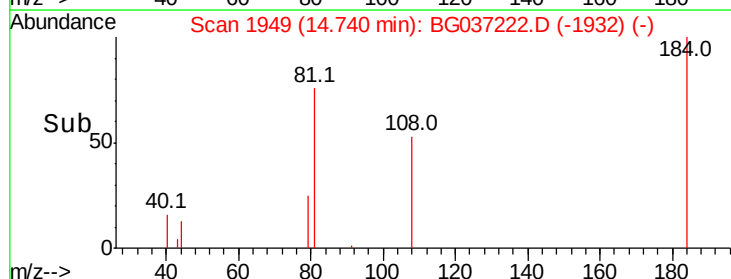
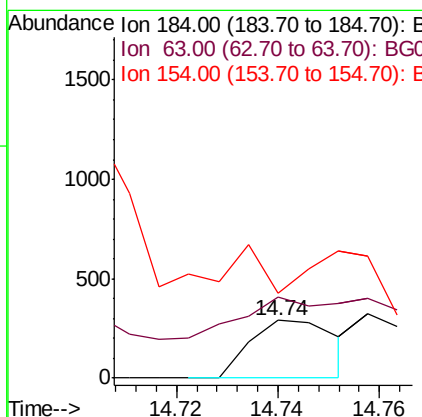
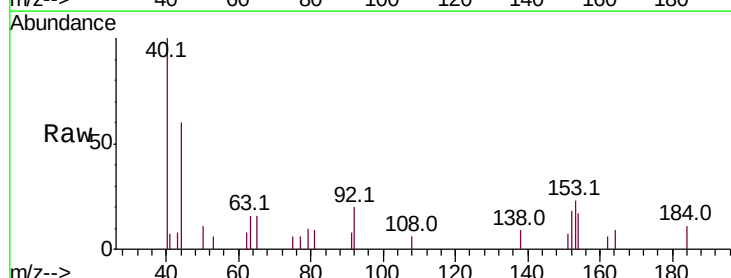
Manual Integrations  
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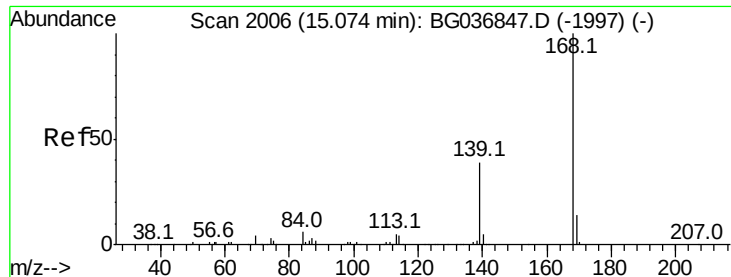
Sohil  
10/10/2018 4:57:08 PM



#53  
2,4-Dinitrophenol  
Concen: 7.920 ng  
RT: 14.74 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 140.9 | 47.3  | 70.9# |
| 154     | 146.7 | 51.1  | 76.7# |





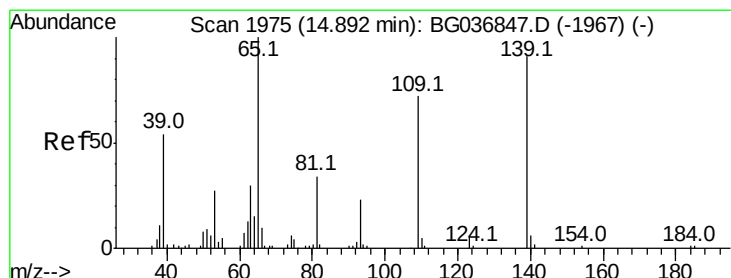
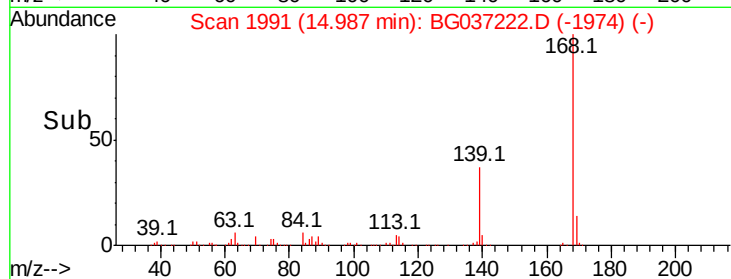
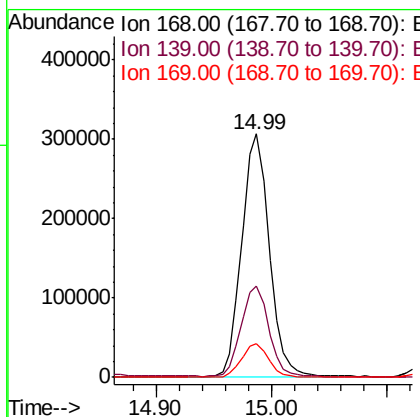
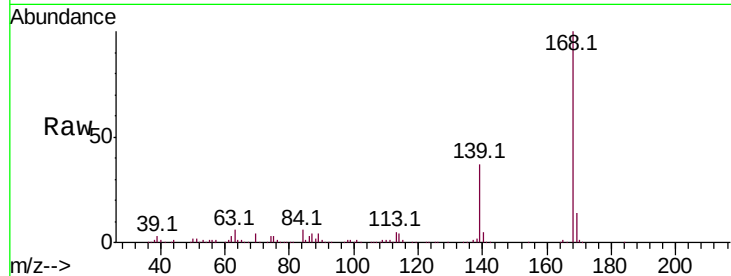
#54  
Dibenzofuran  
Concen: 38.864 ng  
RT: 14.99 min Scan# 1991  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.4  | 31.0  | 46.6  |
| 169     | 13.7  | 11.1  | 16.7  |

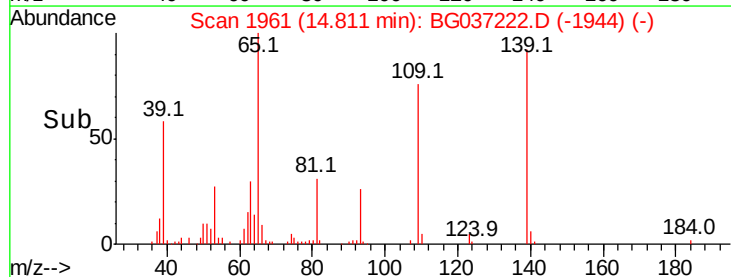
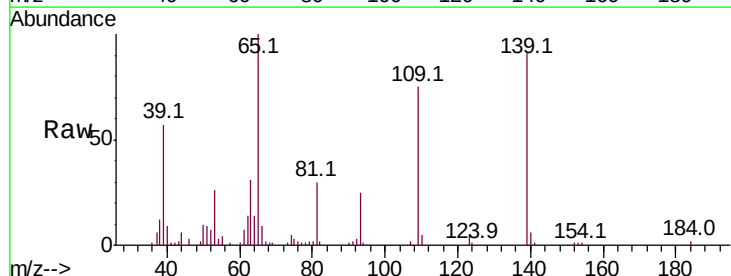
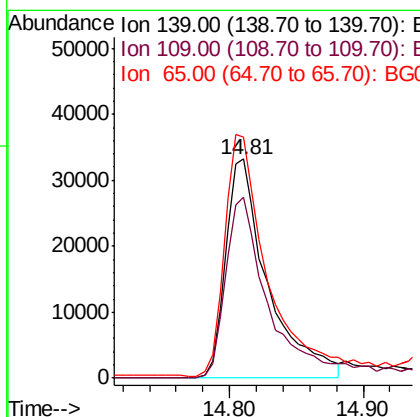
Manual Integrations  
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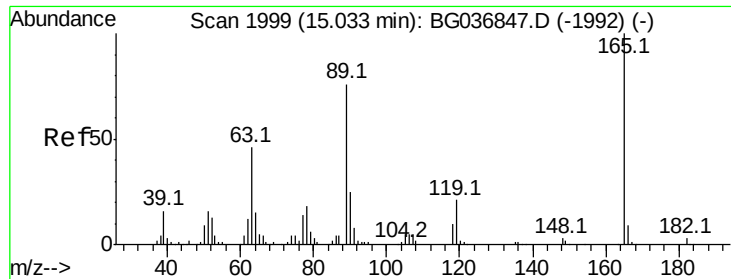
Sohil  
10/10/2018 4:57:08 PM



#55  
4-Nitrophenol  
Concen: 45.072 ng  
RT: 14.81 min Scan# 1961  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 82.8  | 63.9  | 103.9 |
| 65      | 110.4 | 90.0  | 130.0 |





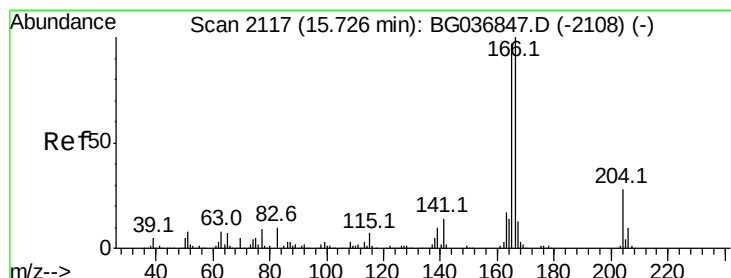
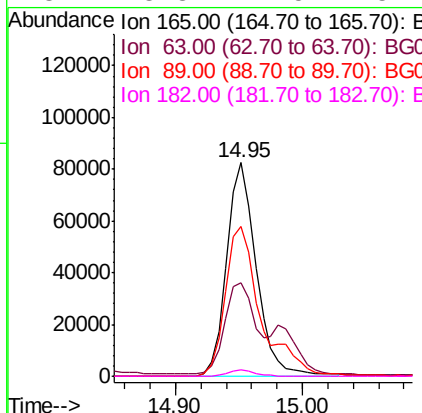
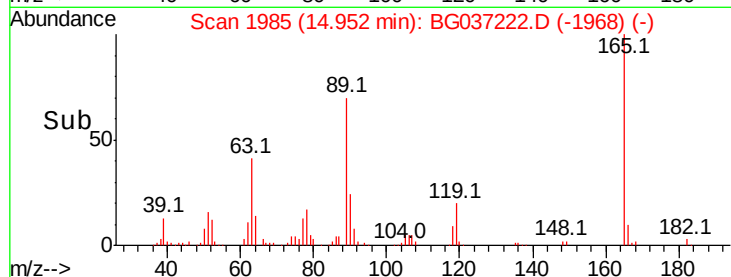
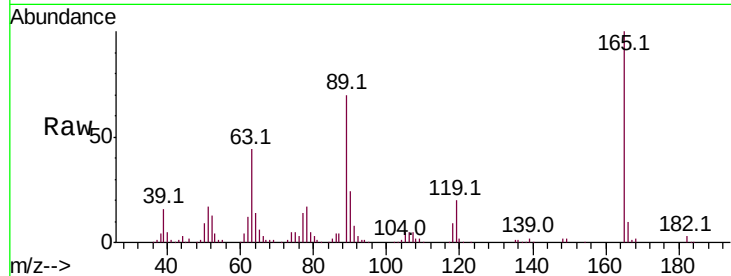
#56  
 2,4-Dinitrotoluene  
 Concen: 39.846 ng  
 RT: 14.95 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.9  | 40.1  | 60.1  |
| 89      | 70.4  | 63.7  | 95.5  |
| 182     | 3.3   | 2.5   | 3.7   |

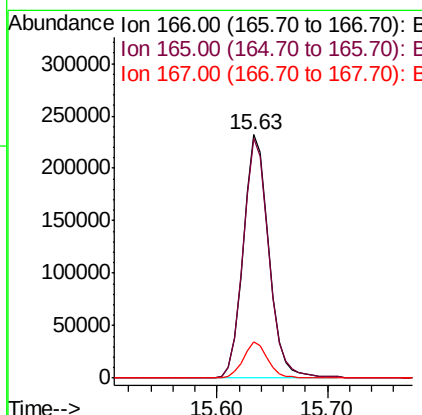
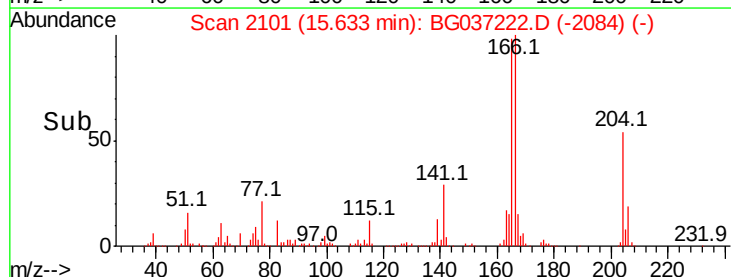
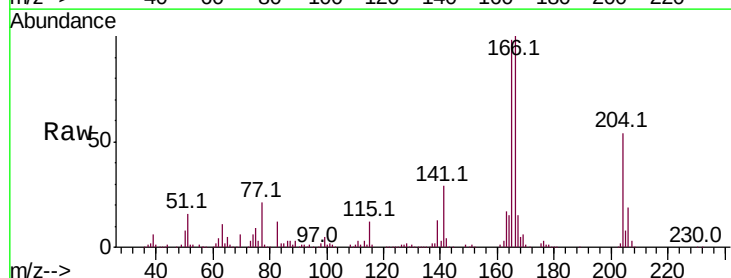
Manual Integrations  
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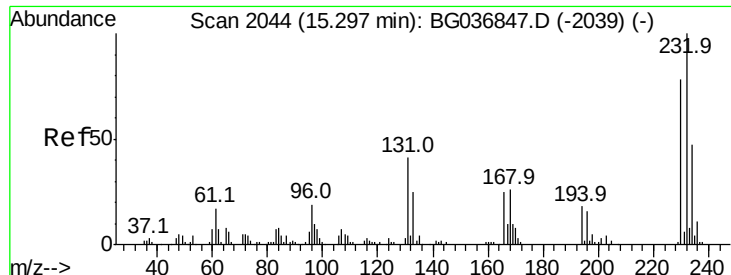


#57  
 Fluorene  
 Concen: 38.306 ng  
 RT: 15.63 min Scan# 2101  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 77.0  | 115.4 |
| 167     | 14.8  | 10.6  | 16.0  |







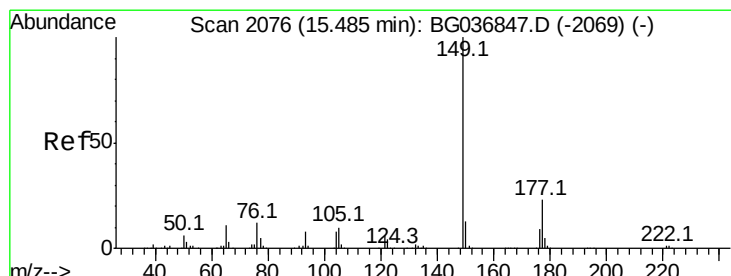
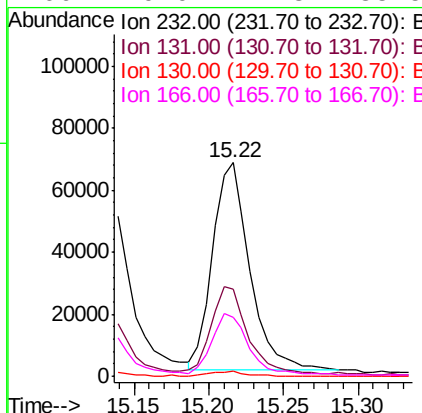
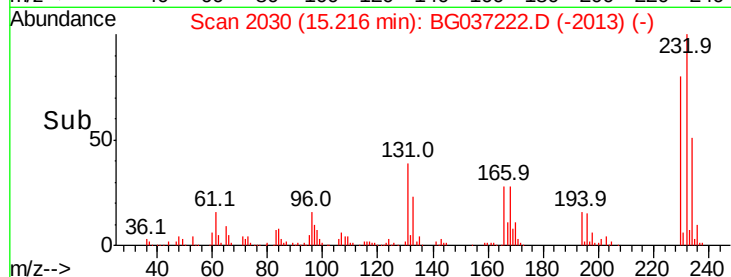
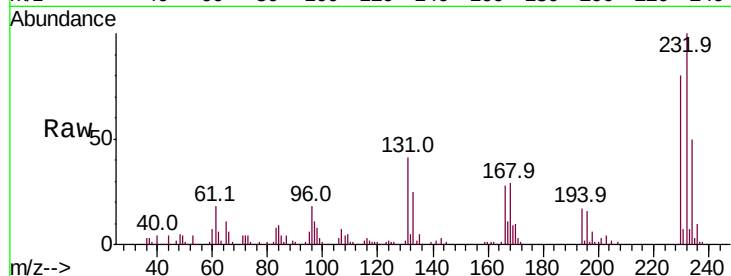
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.123 ng  
 RT: 15.22 min Scan# 2030  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 115131 |       |       |
| 131     | 41.6  | 33.8   | 50.8  |       |
| 130     | 2.4   | 2.1    | 3.1   |       |
| 166     | 29.0  | 22.3   | 33.5  |       |

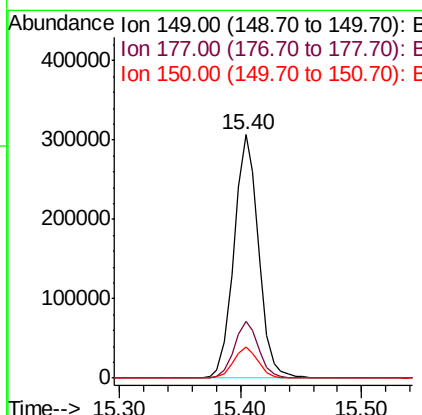
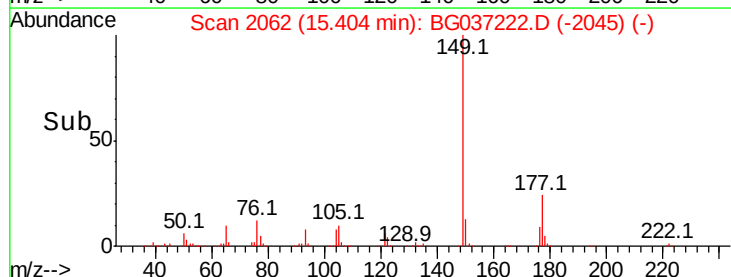
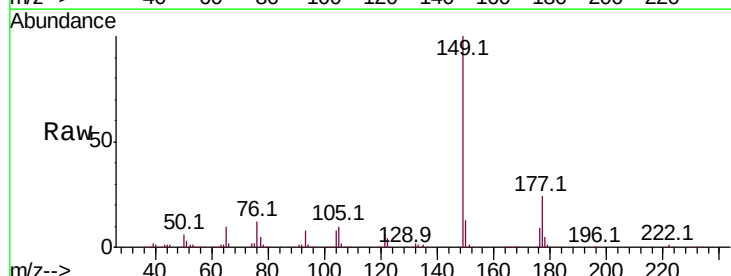
Manual Integrations  
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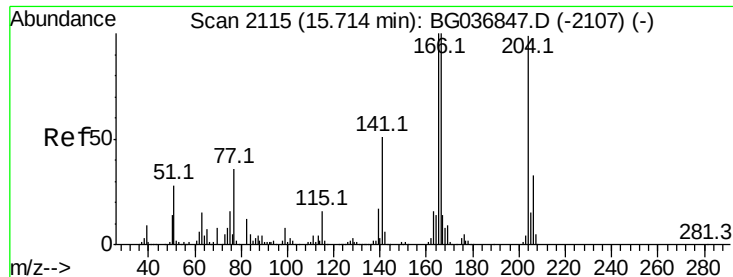
Sohil  
 10/10/2018 4:57:08 PM



#59  
 Diethylphthalate  
 Concen: 39.138 ng  
 RT: 15.40 min Scan# 2062  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 435193 |       |       |
| 177     | 23.5  | 19.1   | 28.7  |       |
| 150     | 12.6  | 10.7   | 16.1  |       |





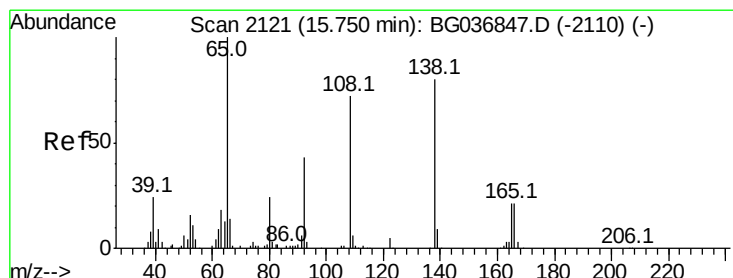
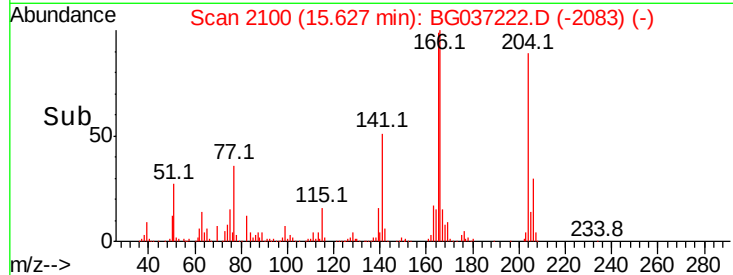
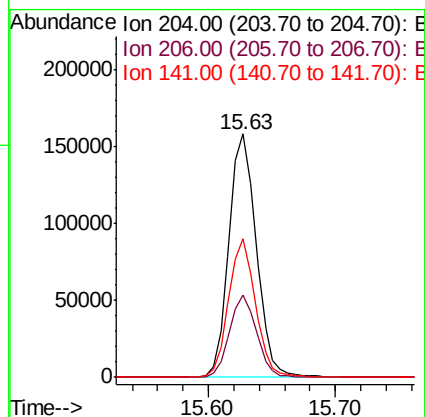
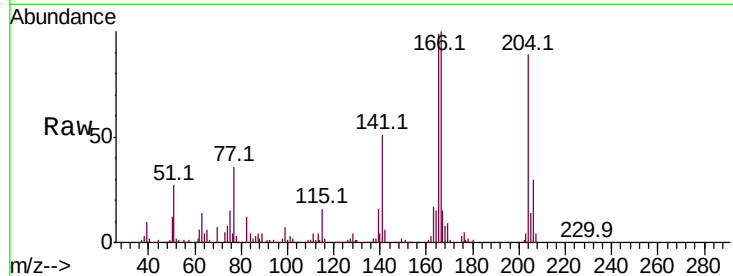
#60  
4-Chlorophenyl-phenylether  
Concen: 37.834 ng  
RT: 15.63 min Scan# 2100  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.7  | 27.0  | 40.4  |
| 141     | 57.2  | 43.8  | 65.6  |

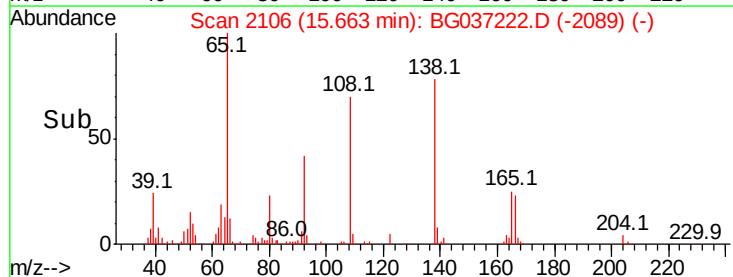
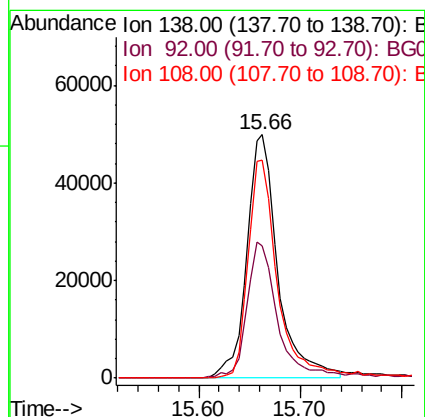
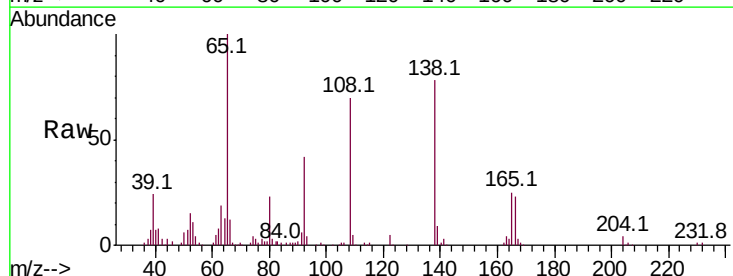
Manual Integrations  
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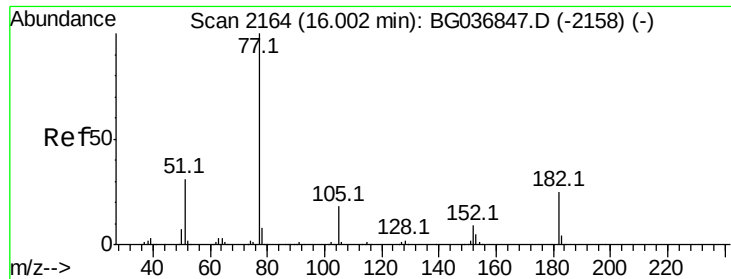
Sohil  
10/10/2018 4:57:08 PM



#61  
4-Nitroaniline  
Concen: 39.688 ng  
RT: 15.66 min Scan# 2106  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.1  | 38.5  | 78.5  |
| 108     | 89.7  | 70.3  | 110.3 |





#62

Azobenzene

Concen: 39.636 ng

RT: 15.92 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 423485

Ion Ratio Lower Upper

77 100

182 26.7 6.7 46.7

105 19.9 0.0 39.8

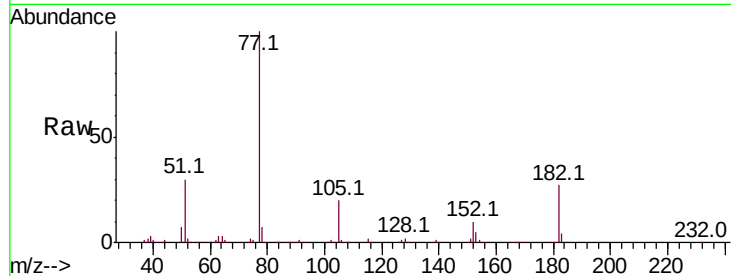
51 30.5 12.4 52.4

Manual Integrations

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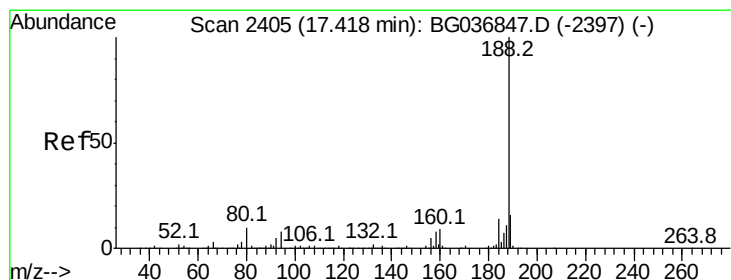
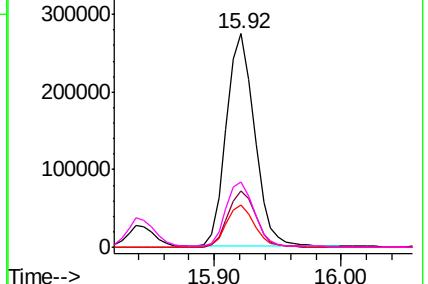
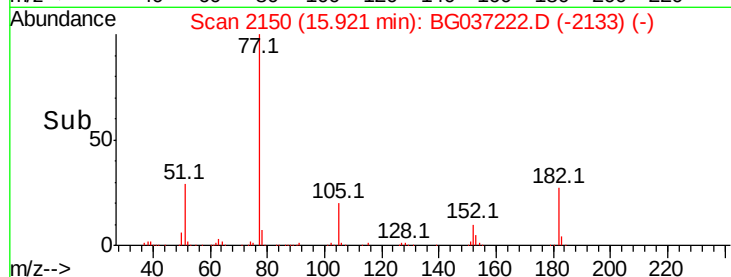


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

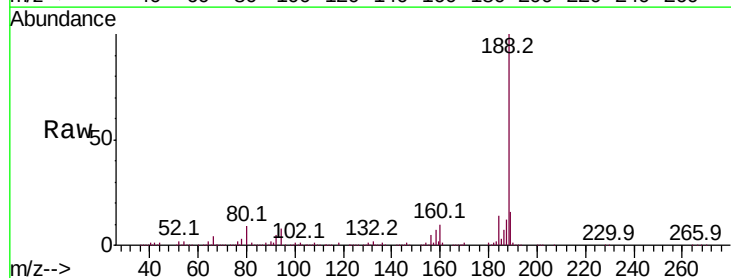
Tgt Ion: 188 Resp: 330394

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

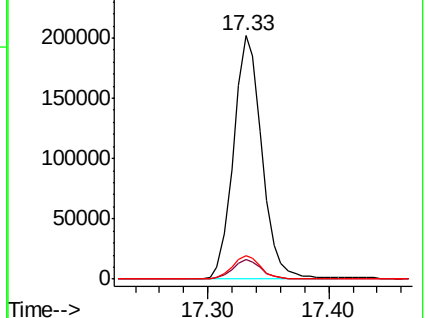
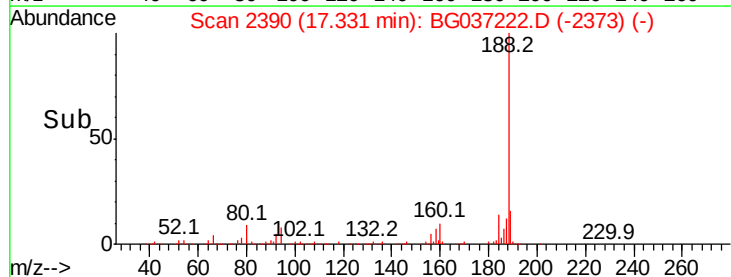
80 9.5 8.1 12.1

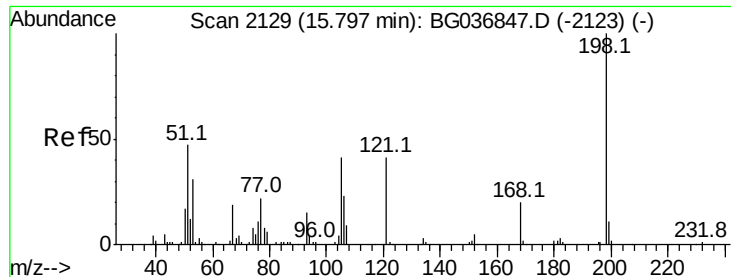


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





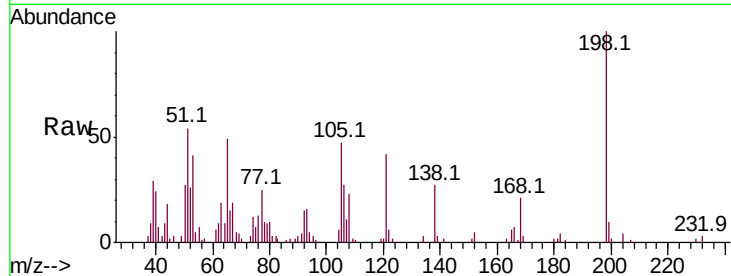
#64  
4,6-Dinitro-2-methylphenol  
Concen: 15.975 ng  
RT: 15.72 min Scan# 2115  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 53.6  | 26.5  | 66.5  |
| 105     | 47.4  | 20.2  | 60.2  |

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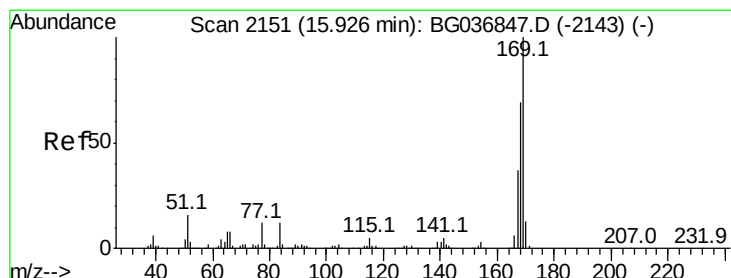
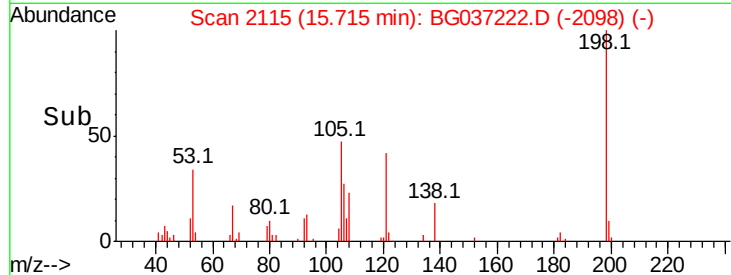
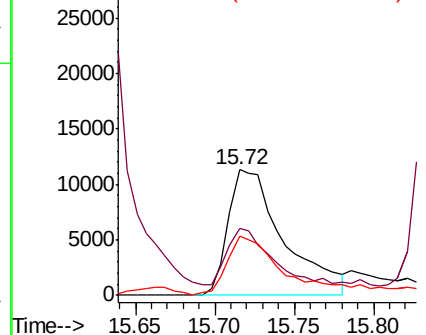


Abundance

Ion 198.00 (197.70 to 198.70): E

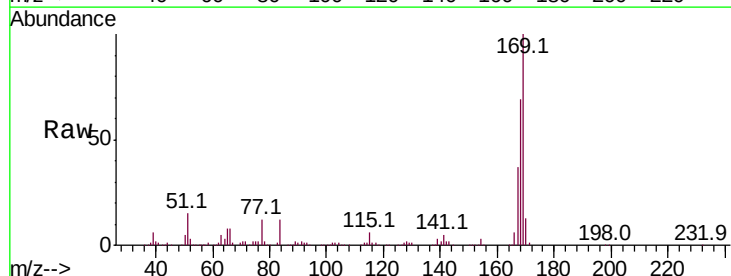
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65  
n-Nitrosodiphenylamine  
Concen: 40.510 ng  
RT: 15.84 min Scan# 2137  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.1  | 57.6  | 86.4  |
| 167     | 37.3  | 31.0  | 46.4  |

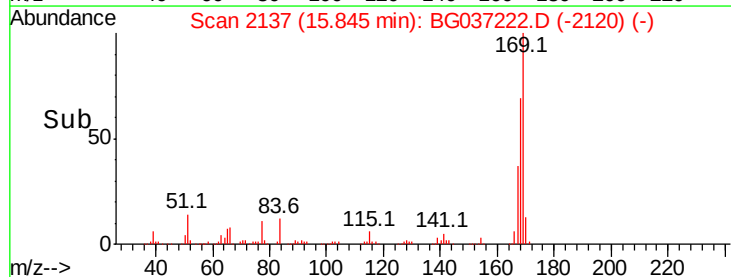
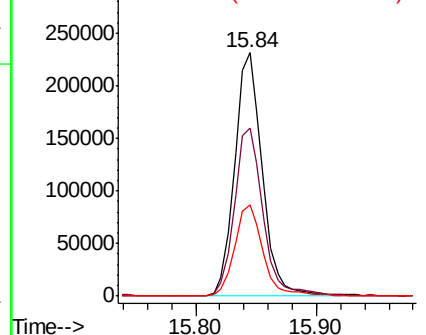


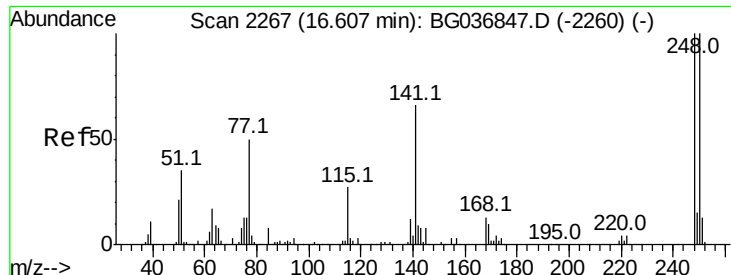
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





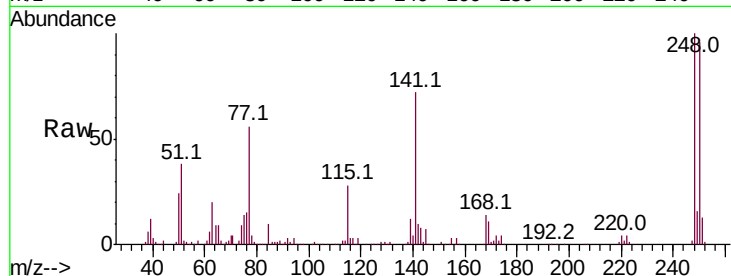
#66  
4-Bromophenyl-phenylether  
Concen: 39.353 ng  
RT: 16.52 min Scan# 2252  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.0  | 78.1  | 117.1 |
| 141     | 72.4  | 53.7  | 80.5  |

Manual Integrations  
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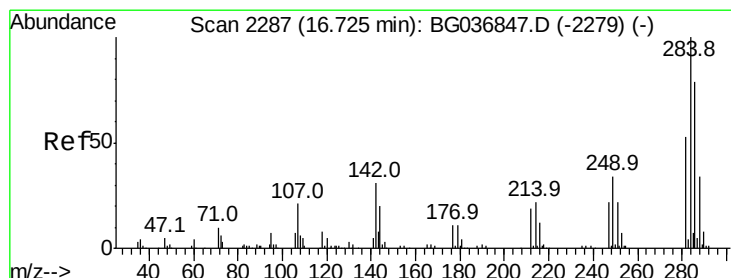
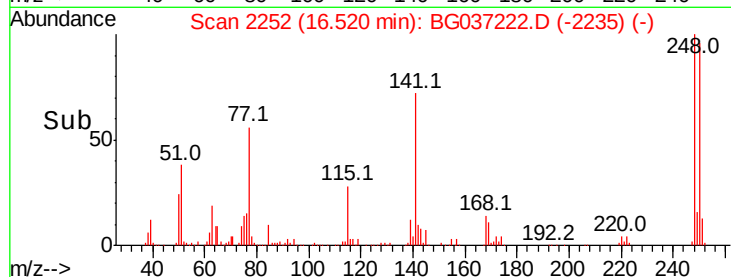
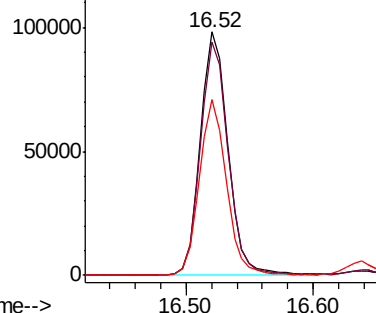


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67  
Hexachlorobenzene  
Concen: 39.258 ng  
RT: 16.64 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

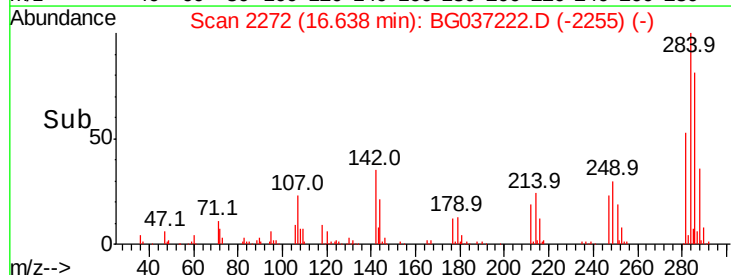
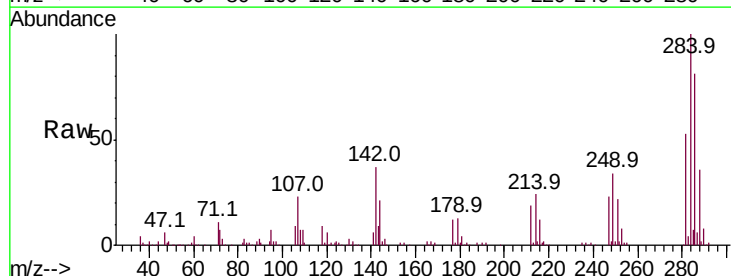
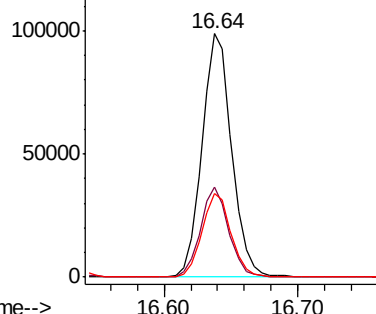
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.8  | 27.8  | 41.6  |
| 249     | 34.2  | 27.4  | 41.2  |

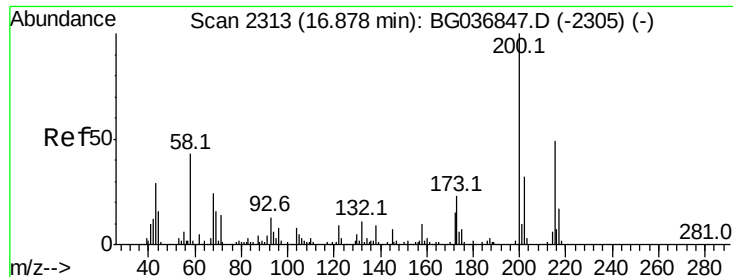
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





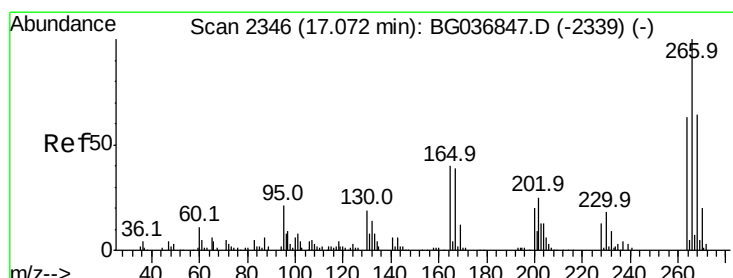
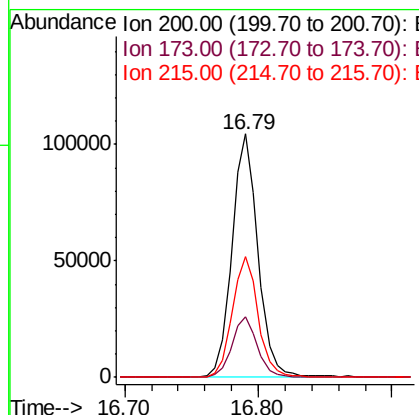
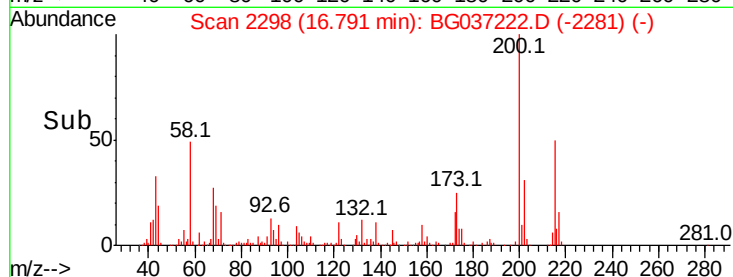
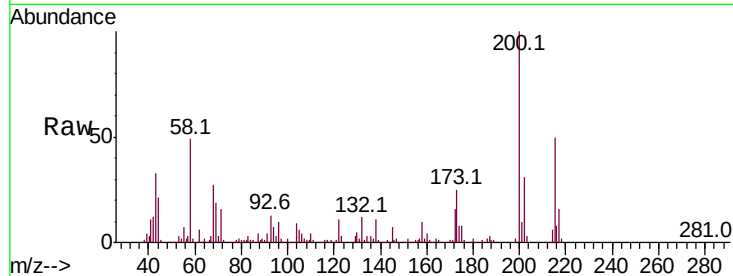
#68  
 Atrazine  
 Concen: 38.487 ng  
 RT: 16.79 min Scan# 2298  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.9  | 3.9   | 43.9  |
| 215     | 49.5  | 30.4  | 70.4  |

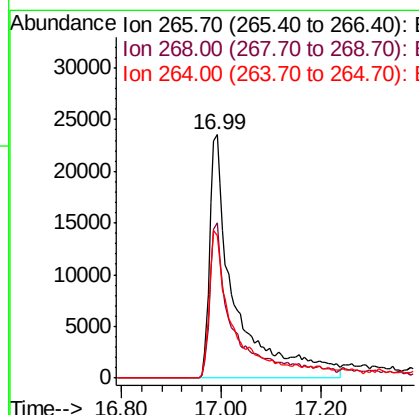
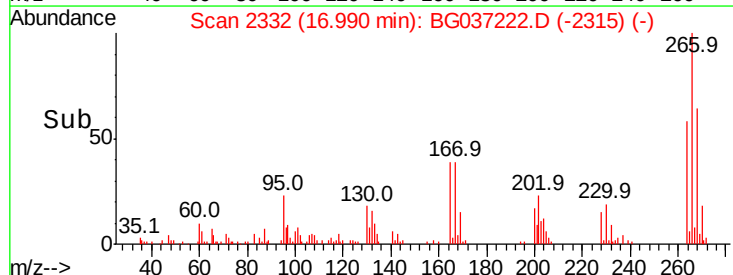
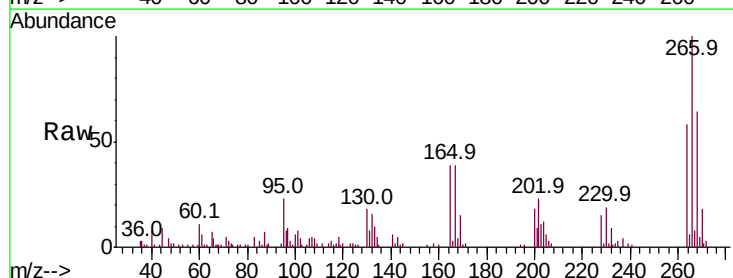
Manual Integrations  
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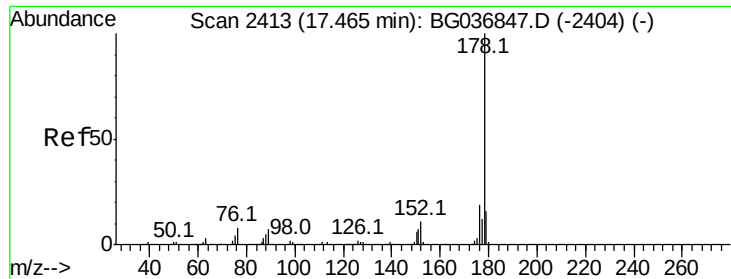
Sohil  
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#69  
 Pentachlorophenol  
 Concen: 34.032 ng m  
 RT: 16.99 min Scan# 2332  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.6  | 51.4  | 77.2  |
| 264     | 58.3  | 48.9  | 73.3  |





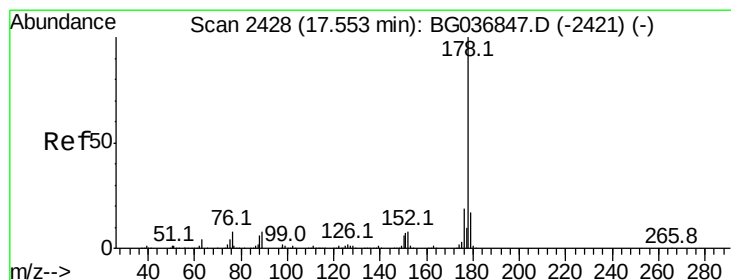
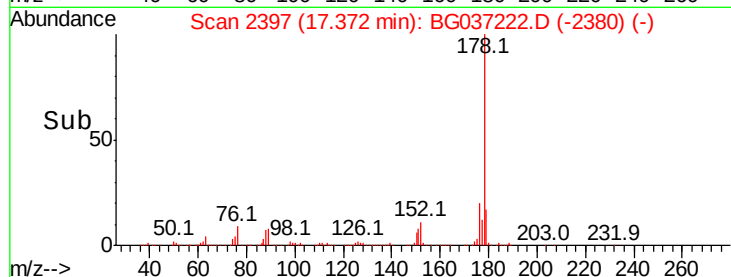
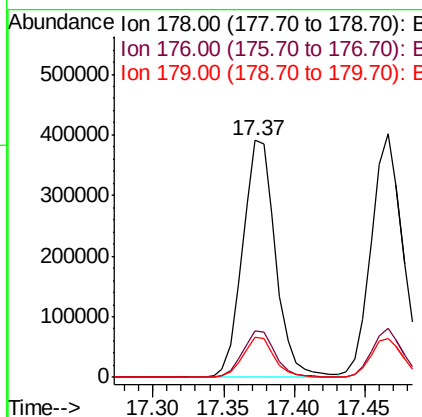
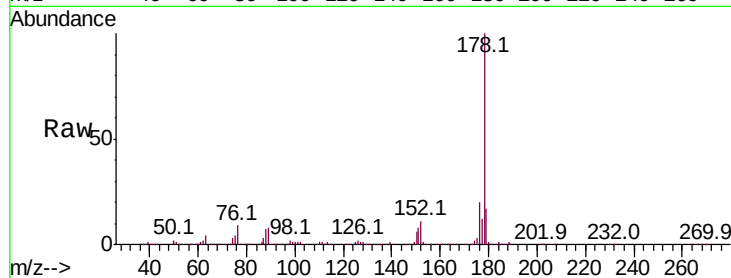
#70  
Phenanthrene  
Concen: 40.142 ng  
RT: 17.37 min Scan# 2397  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.4  | 23.2  |
| 179     | 16.7  | 13.4  | 20.2  |

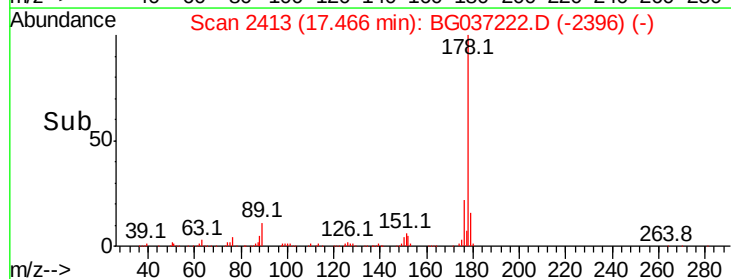
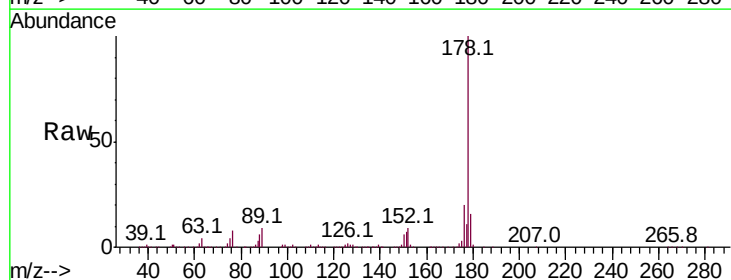
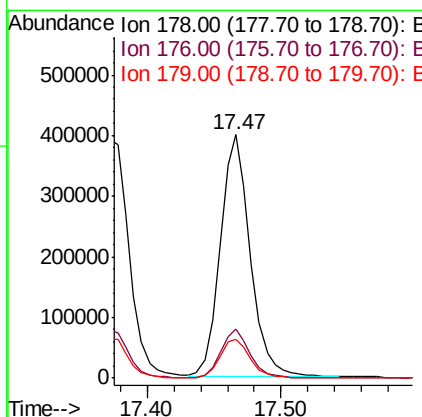
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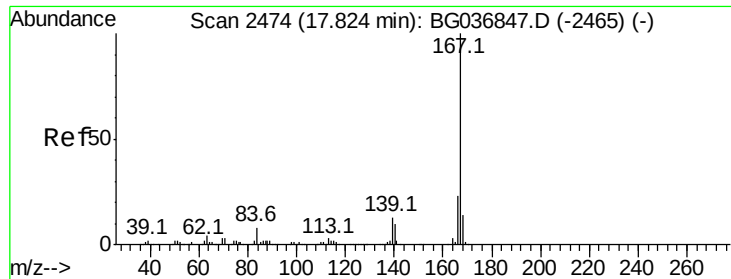
Sohil  
10/10/2018 4:57:08 PM



#71  
Anthracene  
Concen: 39.536 ng  
RT: 17.47 min Scan# 2413  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.4  | 23.2  |
| 179     | 16.1  | 13.0  | 19.4  |





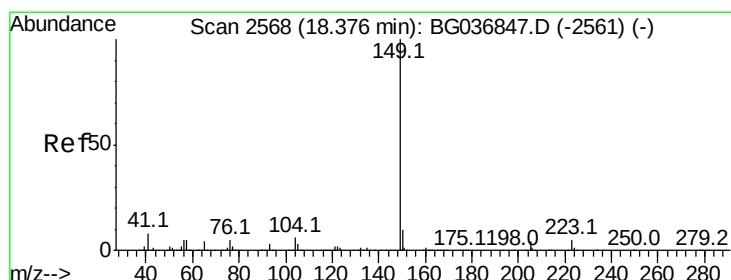
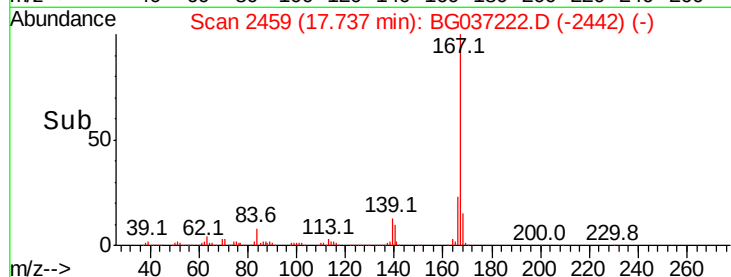
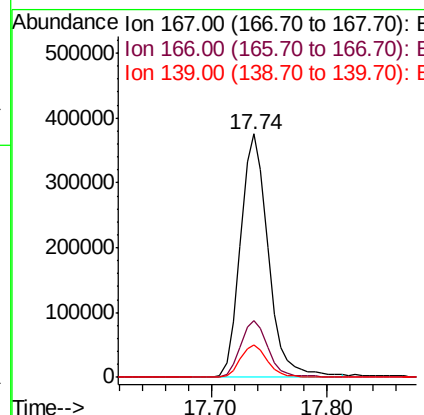
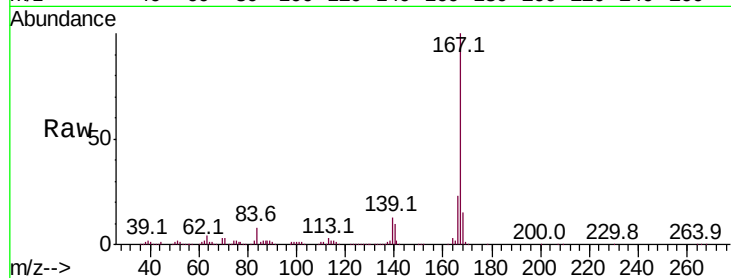
#72  
 Carbazole  
 Concen: 40.818 ng  
 RT: 17.74 min Scan# 2459  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|             |       |        |
|-------------|-------|--------|
| Tot Ion:167 | Resp: | 626554 |
| Ion Ratio   | Lower | Upper  |
| 167 100     |       |        |
| 166 23.1    | 19.5  | 29.3   |
| 139 13.4    | 10.7  | 16.1   |

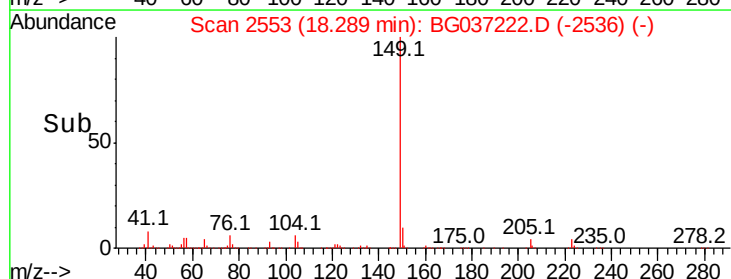
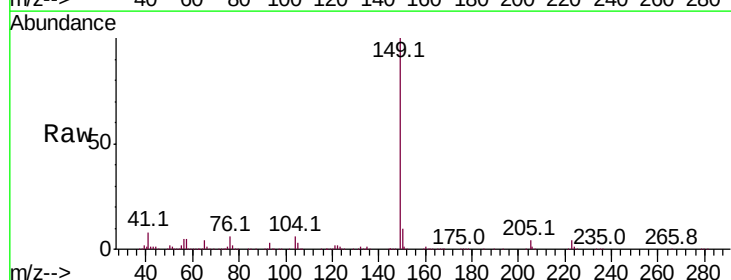
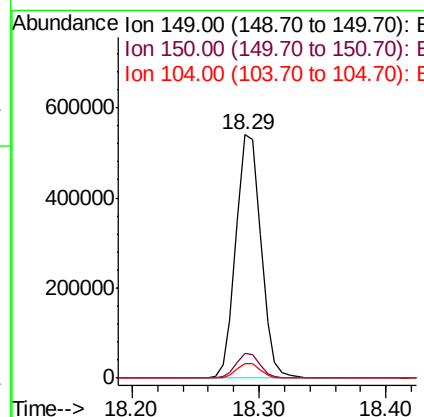
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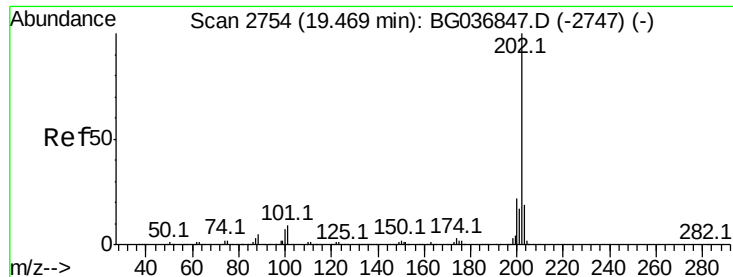


#73  
 Di-n-butylphthalate  
 Concen: 43.186 ng  
 RT: 18.29 min Scan# 2553  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:149 | Resp: | 736173 |
| Ion Ratio   | Lower | Upper  |
| 149 100     |       |        |
| 150 9.9     | 8.1   | 12.1   |
| 104 6.0     | 4.6   | 6.8    |







#74

Fluoranthene

Concen: 40.118 ng

RT: 19.38 min Scan# 2739

Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

Instrument :

BNA\_G

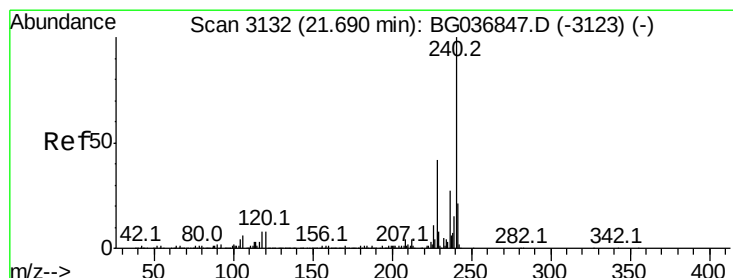
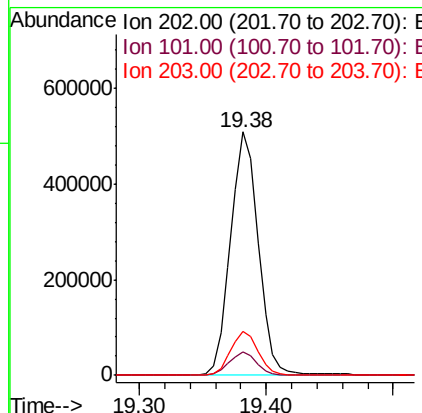
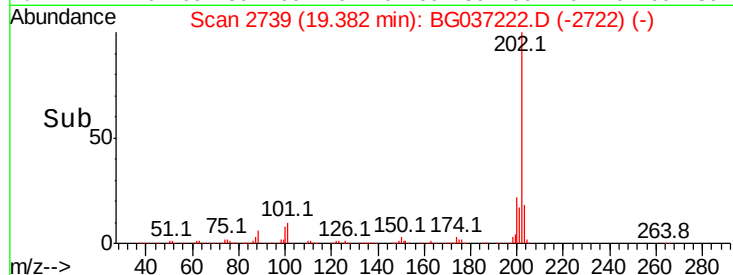
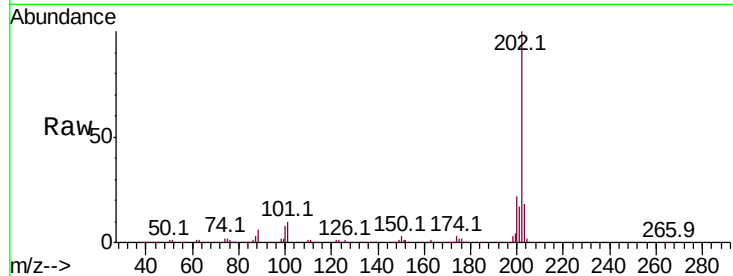
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 768869 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.8   | 0.0   | 29.4   |
| 203       | 18.0  | 0.0   | 38.9   |

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#75

Chrysene-d12

Concen: 20.000 ng

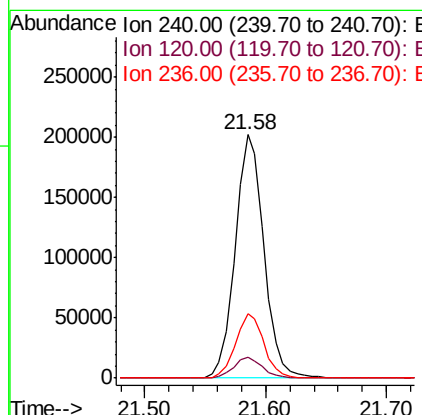
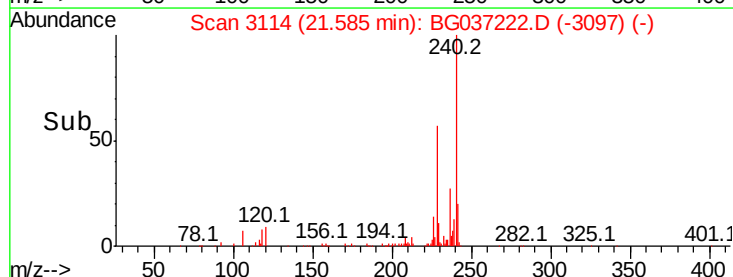
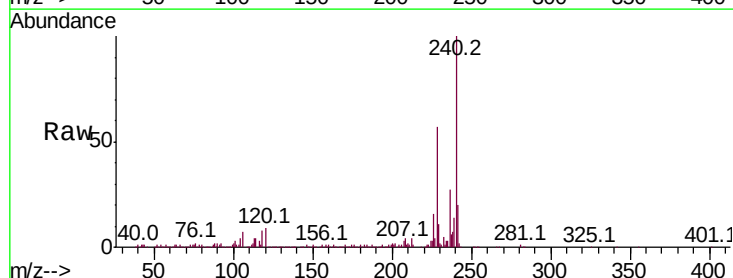
RT: 21.58 min Scan# 3114

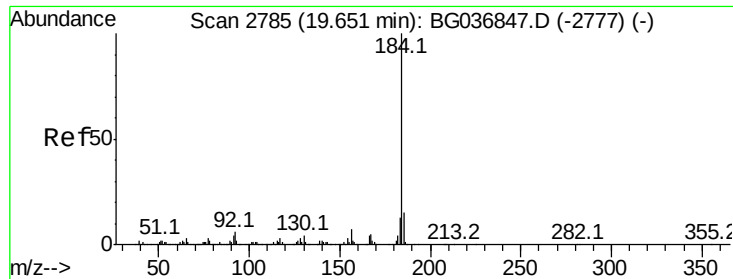
Delta R.T. 0.00 min

Lab File: BG037222.D

Acq: 9 Oct 2018 18:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 334215 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.8   | 6.9   | 10.3   |
| 236       | 26.6  | 21.2  | 31.8   |





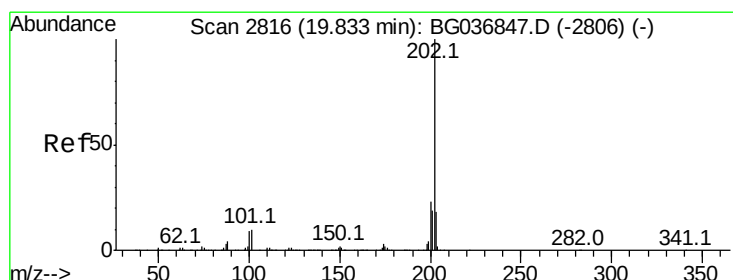
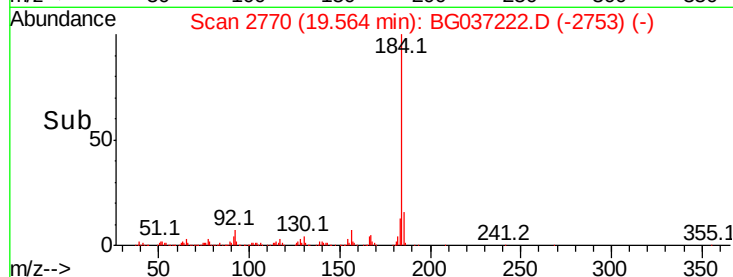
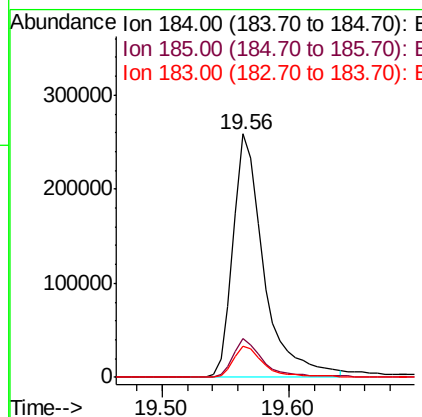
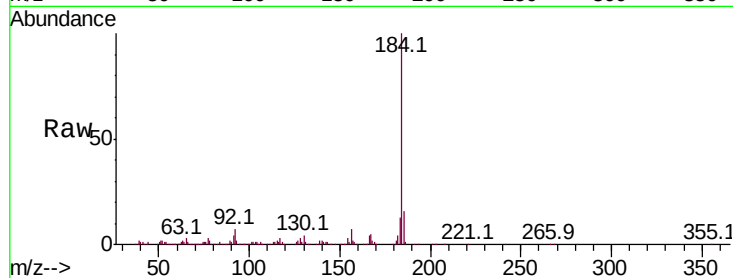
#76  
Benzidine  
Concen: 43.123 ng  
RT: 19.56 min Scan# 2770  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.9  | 12.6  | 18.8  |
| 183     | 12.7  | 10.9  | 16.3  |

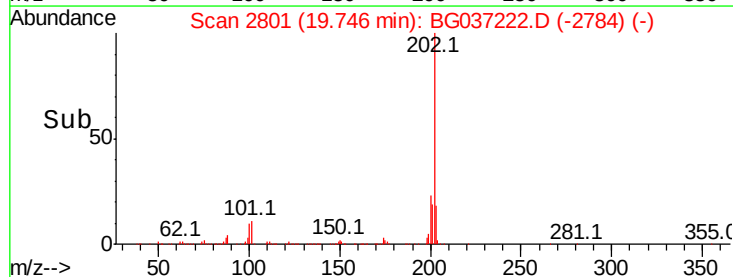
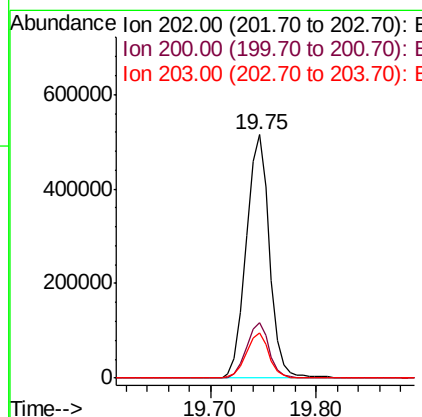
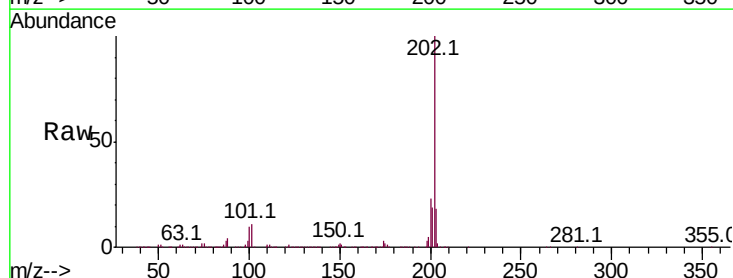
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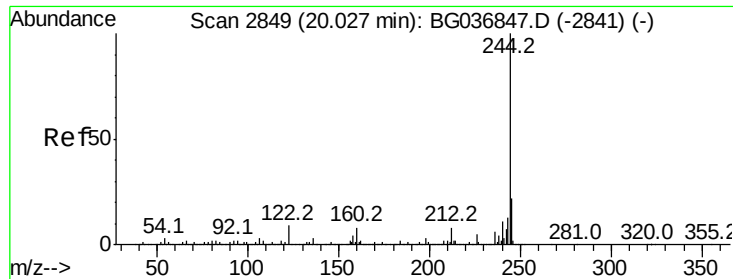
Sohil  
10/10/2018 4:57:08 PM



#77  
Pyrene  
Concen: 39.045 ng  
RT: 19.75 min Scan# 2801  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.9  | 18.3  | 27.5  |
| 203     | 18.4  | 15.1  | 22.7  |





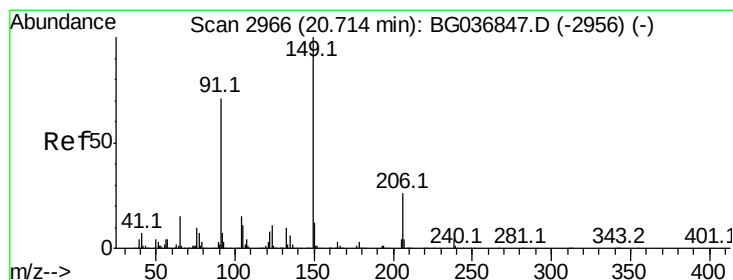
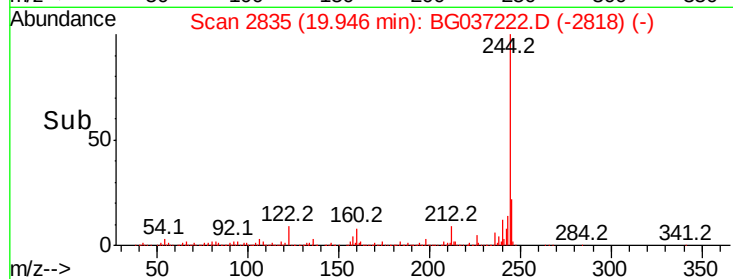
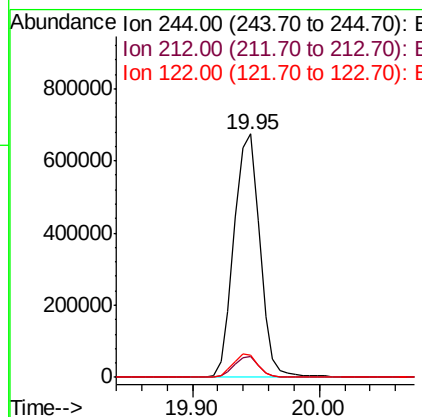
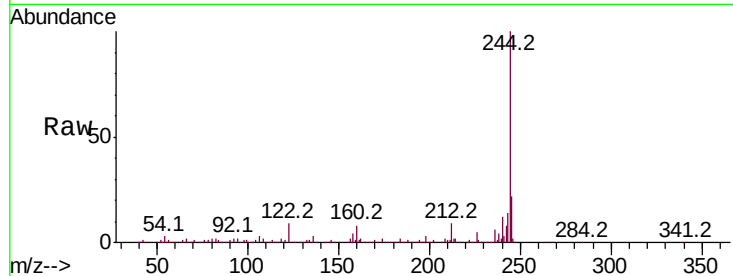
#78  
 Terphenyl-d14  
 Concen: 74.940 ng  
 RT: 19.95 min Scan# 2835  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.6   | 7.0   | 10.6  |
| 122     | 8.9   | 7.1   | 10.7  |

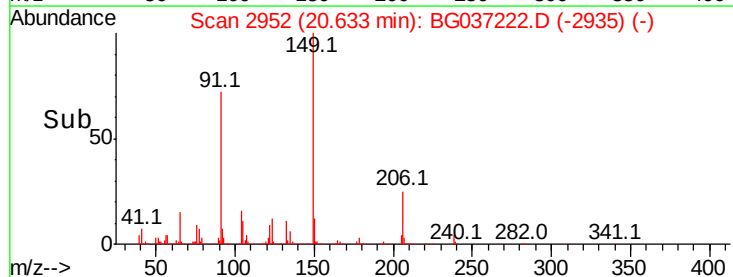
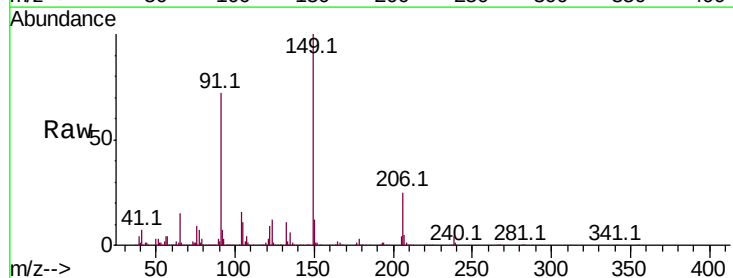
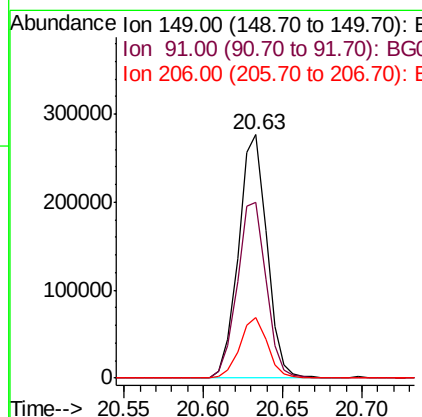
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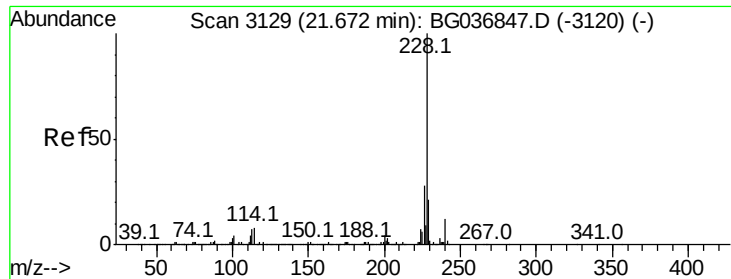
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#79  
 Butylbenzylphthalate  
 Concen: 42.998 ng  
 RT: 20.63 min Scan# 2952  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.4  | 62.0  | 93.0  |
| 206     | 24.7  | 19.6  | 29.4  |





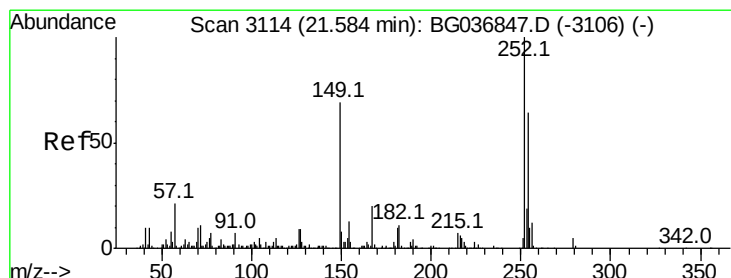
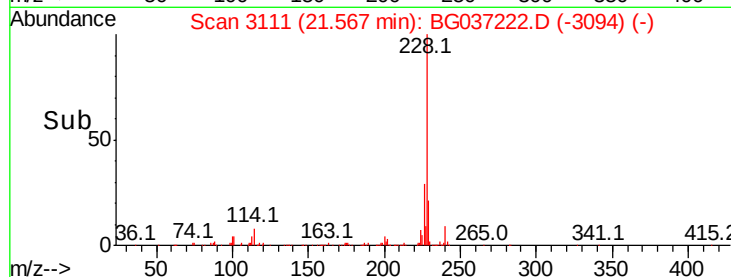
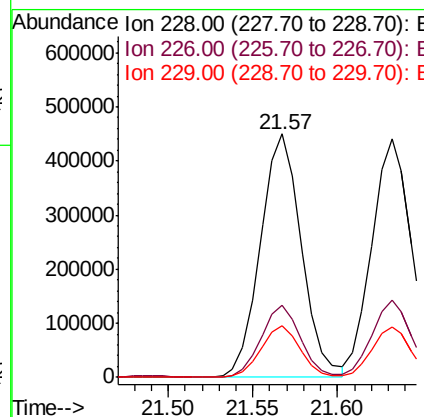
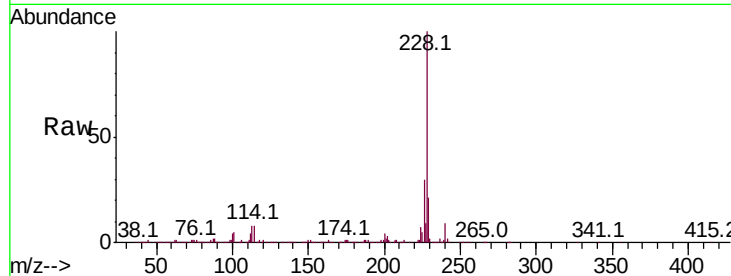
#80  
Benzo(a)anthracene  
Concen: 38.966 ng  
RT: 21.57 min Scan# 3111  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.6  | 23.4  | 35.2  |
| 229     | 21.0  | 17.1  | 25.7  |

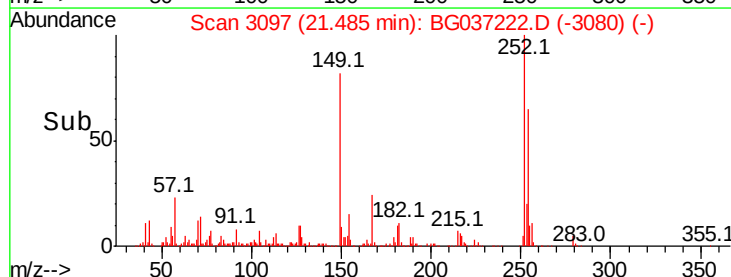
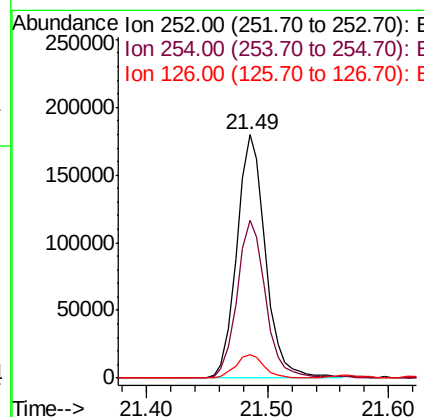
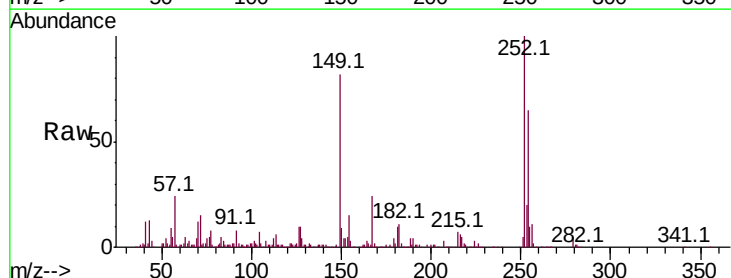
Manual Integrations  
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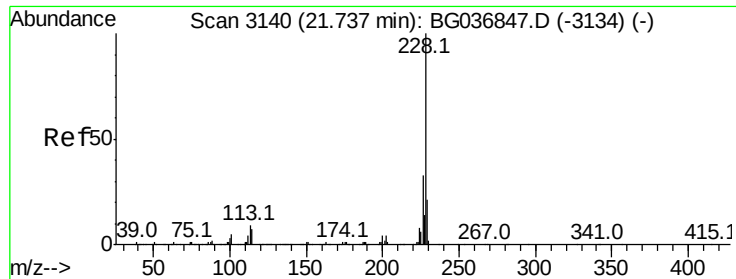
Sohil  
10/10/2018 4:57:08 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 40.036 ng  
RT: 21.49 min Scan# 3097  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.7  | 51.0  | 76.4  |
| 126     | 9.6   | 7.4   | 11.0  |





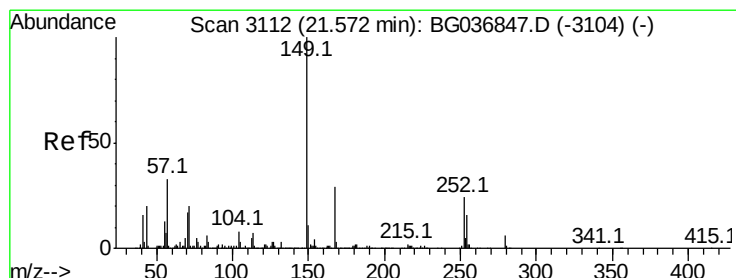
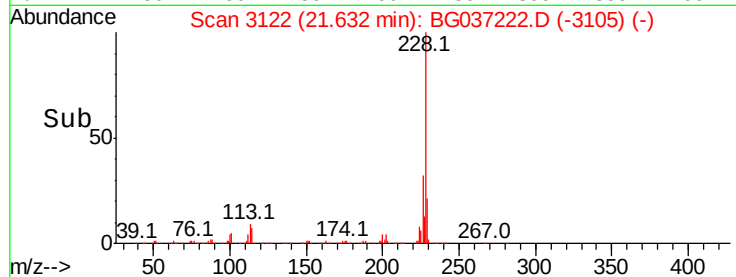
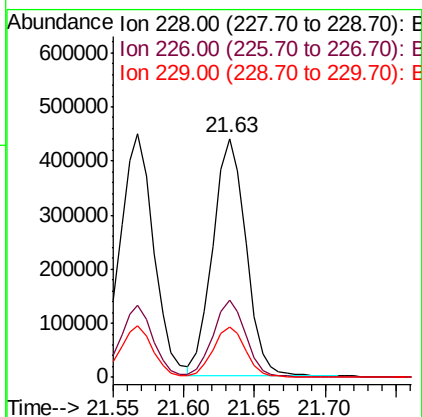
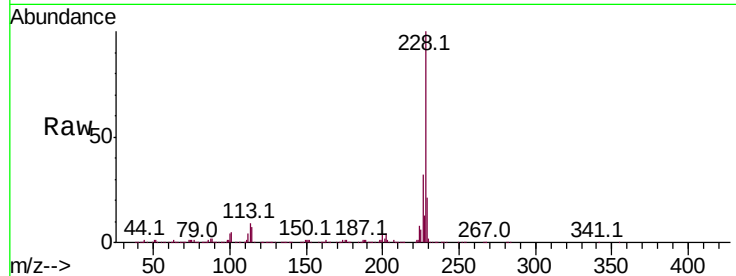
#82  
 Chrysene  
 Concen: 38.095 ng  
 RT: 21.63 min Scan# 3122  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 718107 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 32.5  | 25.5  | 38.3   |
| 229       | 20.9  | 16.9  | 25.3   |

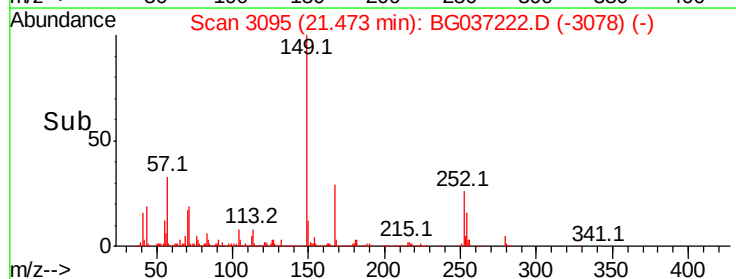
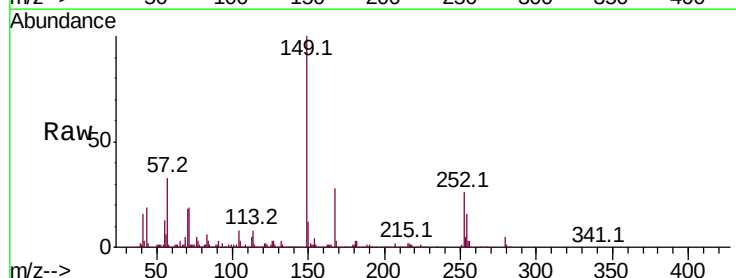
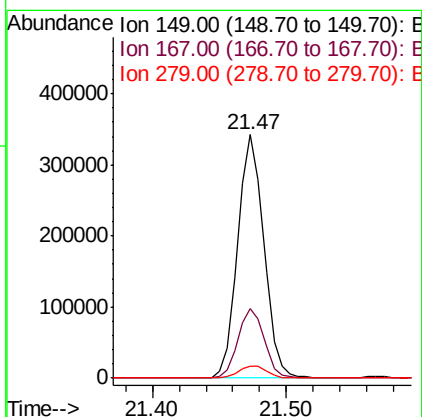
Manual Integrations  
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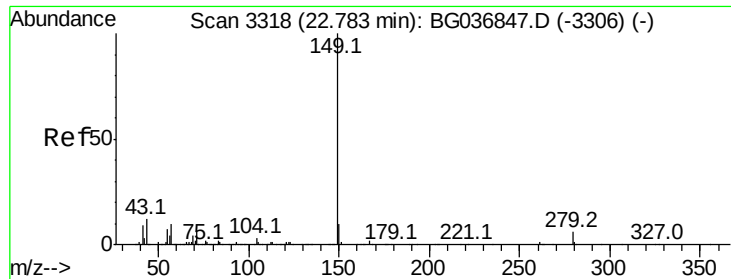
Sohil  
 10/10/2018 4:57:08 PM



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.543 ng  
 RT: 21.47 min Scan# 3095  
 Delta R.T. 0.00 min  
 Lab File: BG037222.D  
 Acq: 9 Oct 2018 18:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 463933 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.5  | 23.4  | 35.0   |
| 279       | 5.1   | 4.6   | 7.0    |





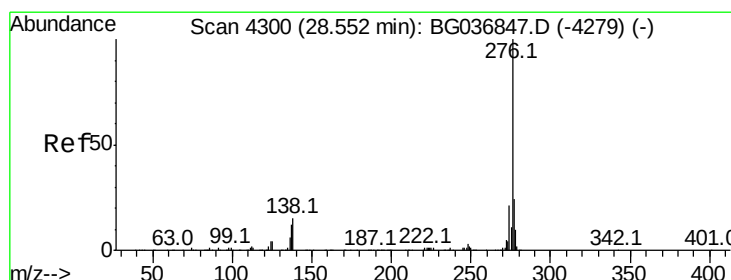
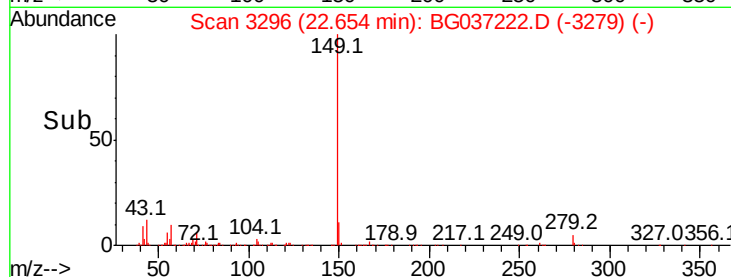
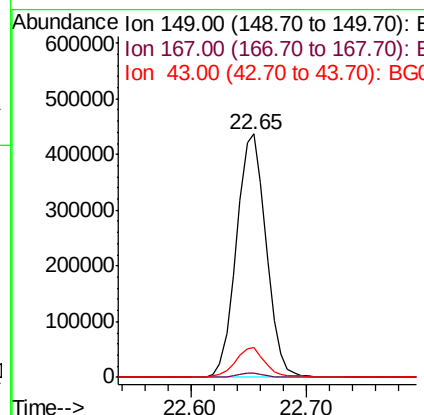
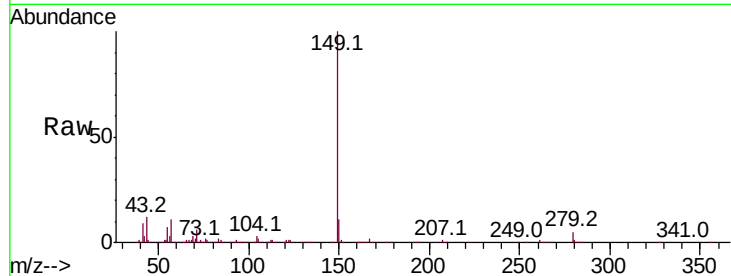
#84  
Di-n-octyl phthalate  
Concen: 42.181 ng  
RT: 22.65 min Scan# 3296  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 11.9  | 10.0  | 15.0  |

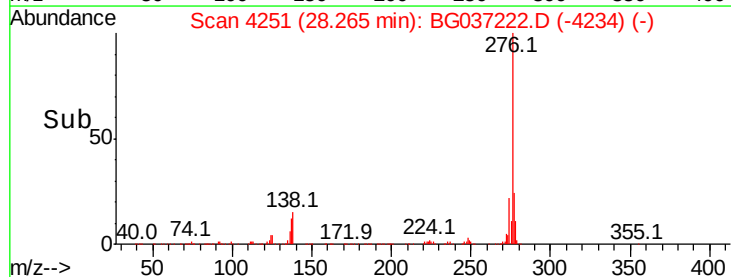
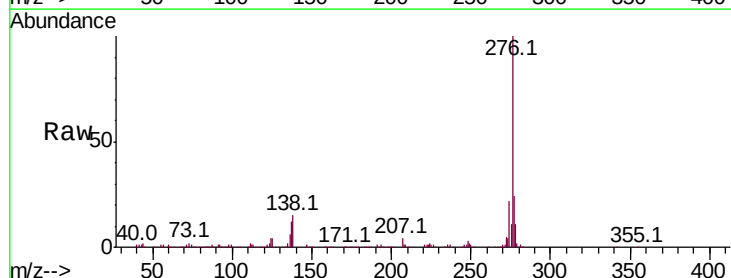
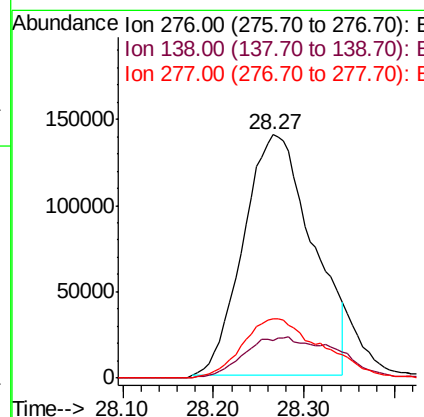
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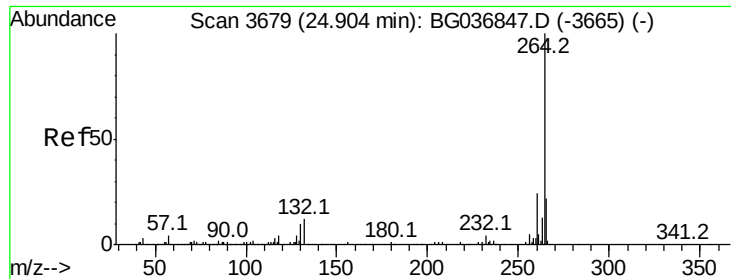
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 36.441 ng  
RT: 28.27 min Scan# 4251  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.8  | 10.6  | 15.8# |
| 277     | 25.1  | 20.6  | 30.8  |





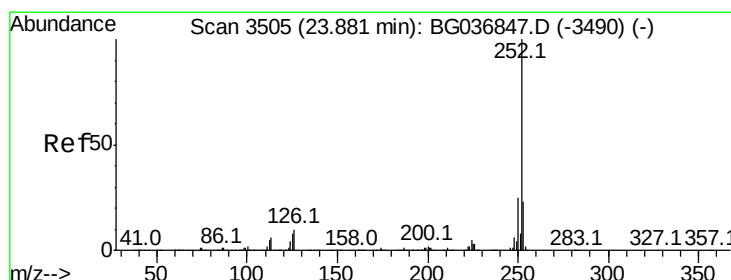
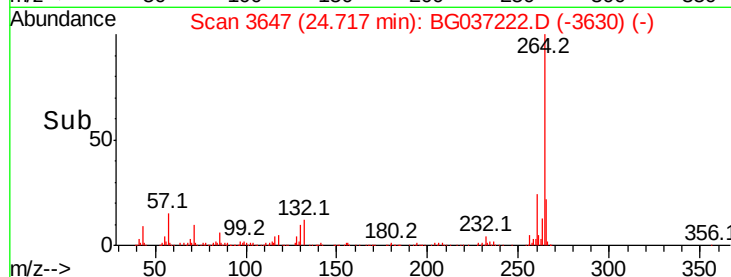
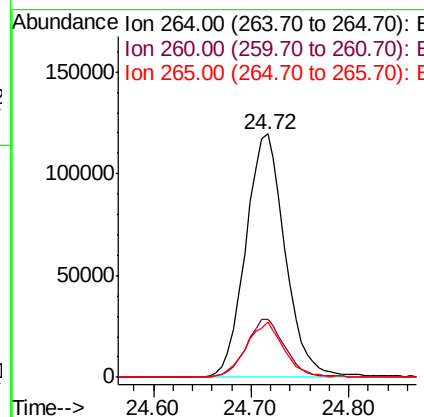
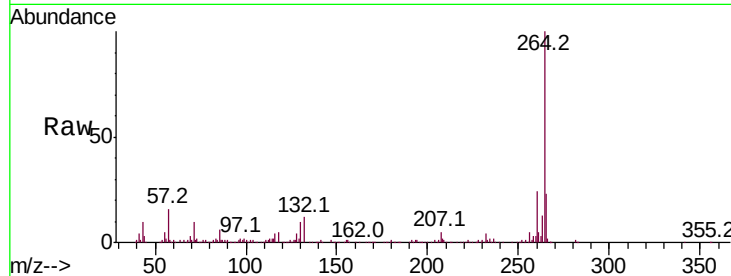
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.72 min Scan# 3647  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.6  | 29.4  |
| 265     | 22.5  | 17.4  | 26.0  |

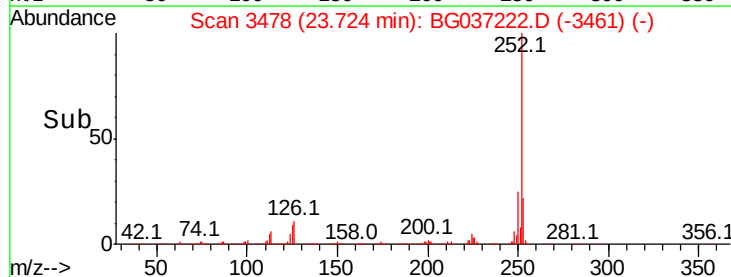
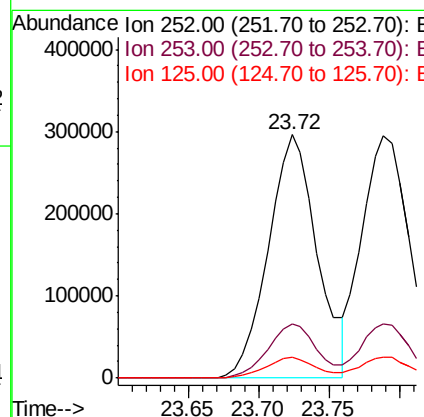
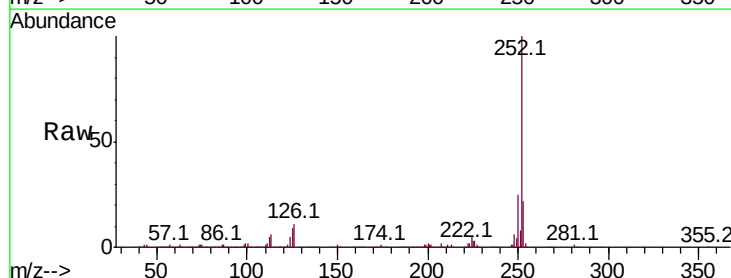
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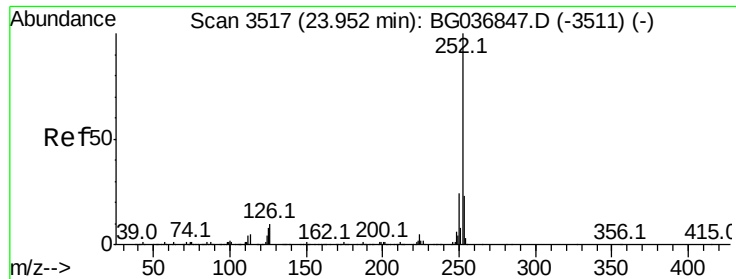
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#87  
Benzo(b)fluoranthene  
Concen: 39.707 ng  
RT: 23.72 min Scan# 3478  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.1  | 25.7  |
| 125     | 8.8   | 6.6   | 10.0  |





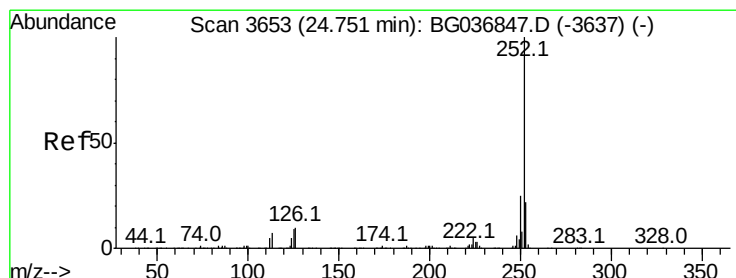
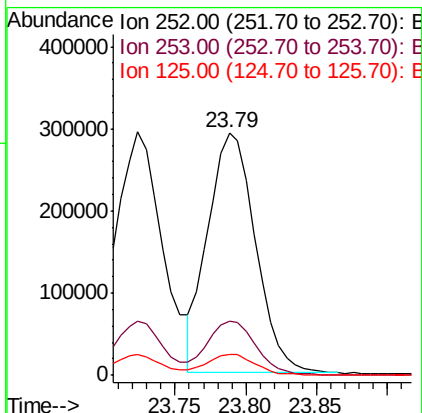
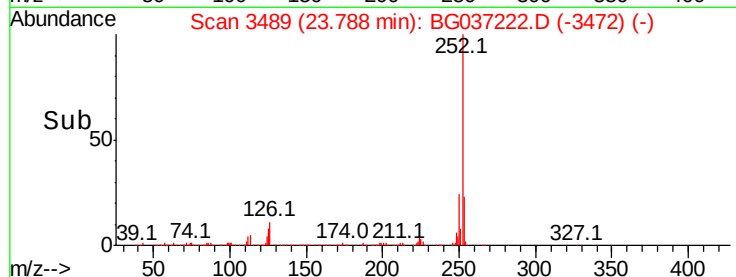
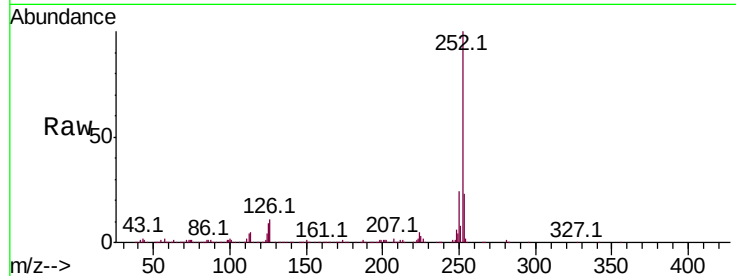
#88  
Benzo(k)fluoranthene  
Concen: 38.016 ng  
RT: 23.79 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.0  | 27.0  |
| 125     | 8.6   | 7.0   | 10.6  |

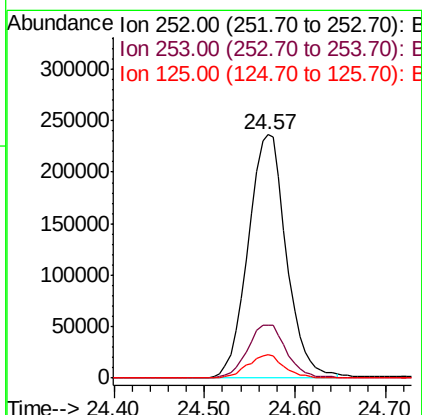
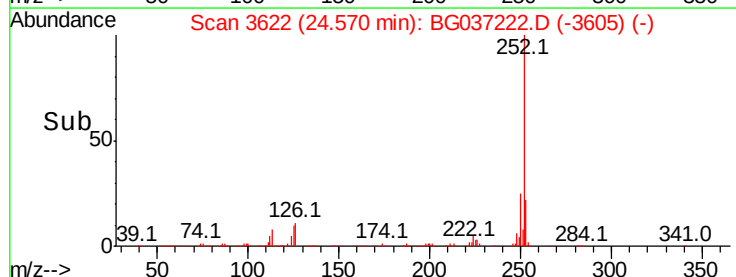
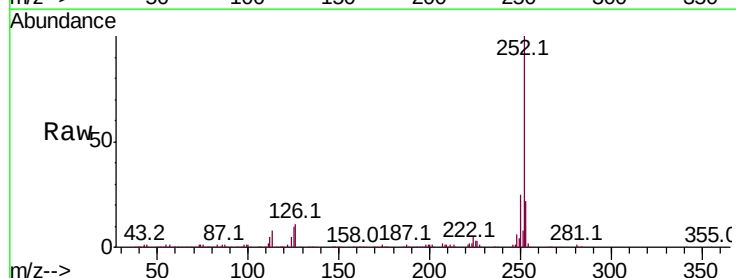
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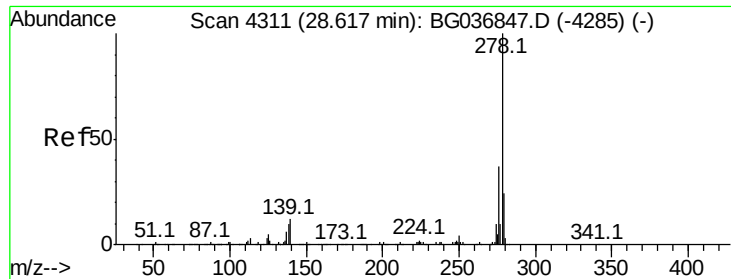


#89  
Benzo(a)pyrene  
Concen: 39.836 ng  
RT: 24.57 min Scan# 3622  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.2  | 27.2  |
| 125     | 9.5   | 7.3   | 10.9  |







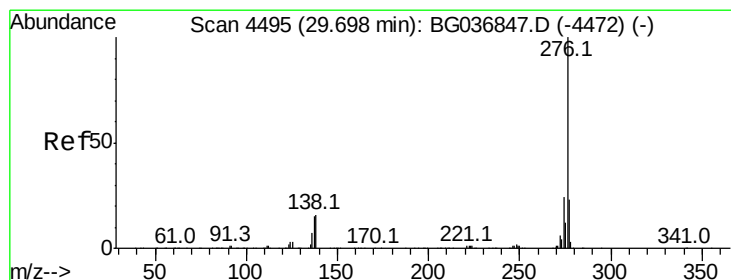
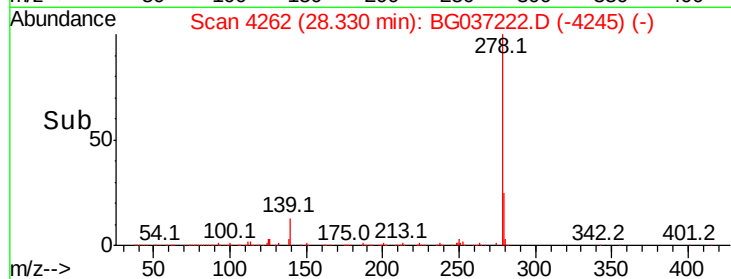
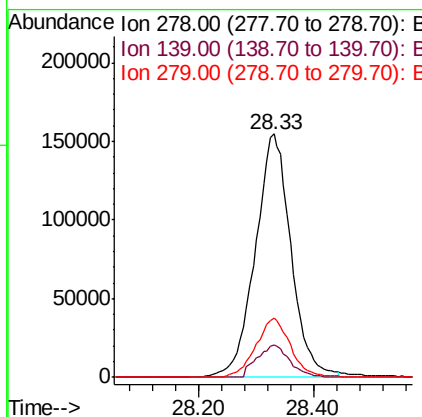
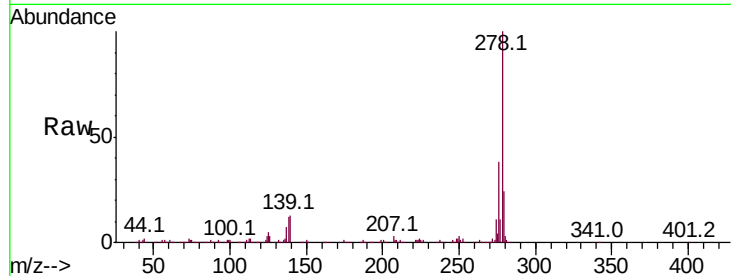
#90  
Dibenzo(a,h)anthracene  
Concen: 41.004 ng m  
RT: 28.33 min Scan# 4262  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.1  | 11.0  | 16.4  |
| 279     | 24.4  | 18.7  | 28.1  |

Manual Integrations  
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#91  
Benzo(g,h,i)perylene  
Concen: 41.044 ng m  
RT: 29.39 min Scan# 4442  
Delta R.T. 0.00 min  
Lab File: BG037222.D  
Acq: 9 Oct 2018 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 18.4  | 27.6  |
| 138     | 17.2  | 14.6  | 22.0  |

