

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081715\  
 Data File : BG018446.D  
 Acq On : 17 Aug 2015 10:25  
 Operator : UM/MA  
 Sample : MDL-01-S  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-01-S

Manual Integrations  
 APPROVED

MMDadoda  
 8/18/2015 5:20:39 PM

Quant Time: Aug 18 01:46:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 18 01:30:01 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 98324    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.82 | 136  | 445518   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.64 | 164  | 297622   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.39 | 188  | 777232   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.64 | 240  | 793724   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.85 | 264  | 774954   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 11163   | 5.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.17  | 99  | 247790  | 27.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 153952  | 27.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.54  | 132 | 185142  | 27.09 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 211656  | 28.23 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 103116  | 29.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 106207  | 30.03 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 201945  | 26.90 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.95 | 131 | 297186  | 35.03 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.05 | 166 | 749155  | 29.92 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.34 | 160 | 885049  | 28.07 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.83 | 143 | 147787  | 32.81 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.63 | 176 | 651113  | 29.85 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.75 | 200 | 106451  | 27.84 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.49 | 188 | 1077505 | 28.99 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.76 | 212 | 1184890 | 28.77 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.63 | 264 | 1230265 | 29.90 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |             | Qvalue |
|--------------------------------|-------|-----|-------|-------------|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 1368  | 0.57 ng/uL# | 77     |
| 4) Benzaldehyde                | 7.15  | 77  | 14761 | 2.82 ng/ul  | 92     |
| 6) Phenol                      | 7.20  | 94  | 21463 | 2.36 ng/ul# | 85     |
| 8) Bis(2-Chloroethyl)ether     | 7.43  | 93  | 17915 | 2.56 ng/ul  | 96     |
| 10) 2-Chlorophenol             | 7.58  | 128 | 15485 | 2.22 ng/ul# | 84     |
| 11) 2-Methylphenol             | 8.45  | 108 | 15975 | 2.26 ng/ul  | 97     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 23333 | 2.08 ng/ul  | 97     |
| 14) Acetophenone               | 8.84  | 105 | 28161 | 2.60 ng/ul  | 95     |
| 15) N-Nitroso-di-n-propylamine | 8.82  | 70  | 15985 | 2.57 ng/ul# | 82     |
| 16) 4-Methylphenol             | 8.78  | 108 | 17618 | 2.29 ng/ul  | 88     |
| 17) Hexachloroethane           | 9.10  | 117 | 7252  | 2.42 ng/ul  | 90     |
| 20) Nitrobenzene               | 9.22  | 77  | 20483 | 2.34 ng/ul# | 94     |
| 21) Isophorone                 | 9.74  | 82  | 44223 | 2.62 ng/ul# | 94     |
| 23) 2-Nitrophenol              | 9.93  | 139 | 10029 | 2.55 ng/ul# | 84     |
| 24) 2,4-Dimethylphenol         | 9.99  | 107 | 19700 | 2.24 ng/ul  | 92     |
| 25) Bis(2-Chloroethoxy)methane | 10.22 | 93  | 25282 | 2.41 ng/ul  | 96     |
| 27) 2,4-Dichlorophenol         | 10.46 | 162 | 16519 | 2.35 ng/ul# | 81     |
| 28) Naphthalene                | 10.87 | 128 | 56097 | 2.38 ng/ul# | 95     |
| 30) 4-Chloroaniline            | 10.98 | 127 | 26518 | 3.07 ng/ul  | 95     |
| 31) Hexachlorobutadiene        | 11.16 | 225 | 9484  | 2.14 ng/ul# | 86     |
| 32) Caprolactam                | 11.74 | 113 | 8245m | 2.91 ng/ul  |        |
| 33) 4-Chloro-3-methylphenol    | 12.09 | 107 | 20429 | 2.51 ng/ul  | 91     |
| 34) 2-Methylnaphthalene        | 12.47 | 142 | 42803 | 2.51 ng/ul  | 97     |

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 Sample : MDL-01-S  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-01-S

Manual Integrations  
 APPROVED

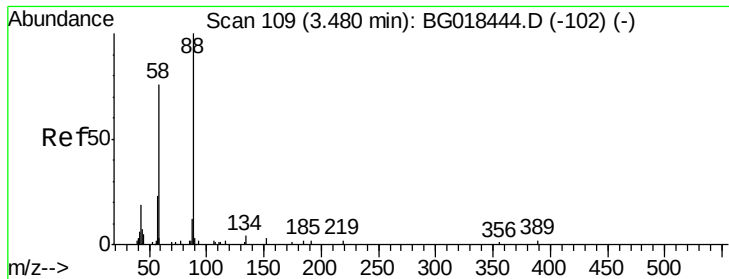
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 8/18/2015 5:20:39 PM

Quant Time: Aug 18 01:46:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 18 01:30:01 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| 37) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 22692    | 2.38 | ng/ul# | 94       |
| 38) Hexachlorocyclopentadiene  | 12.83 | 237  | 10916    | 1.92 | ng/ul# | 96       |
| 39) 2,4,6-Trichlorophenol      | 13.08 | 196  | 14805    | 2.28 | ng/ul  | 85       |
| 40) 2,4,5-Trichlorophenol      | 13.15 | 196  | 14942    | 2.14 | ng/ul  | 94       |
| 41) 1,1'-Biphenyl              | 13.48 | 154  | 59163    | 2.38 | ng/ul  | 93       |
| 42) 2-Chloronaphthalene        | 13.52 | 162  | 45832    | 2.38 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.71 | 65   | 14978    | 2.40 | ng/ul  | 96       |
| 45) Dimethylphthalate          | 14.09 | 163  | 61726    | 2.50 | ng/ul# | 92       |
| 46) 2,6-Dinitrotoluene         | 14.21 | 165  | 11585    | 2.36 | ng/ul# | 84       |
| 48) Acenaphthylene             | 14.37 | 152  | 80021    | 2.53 | ng/ul  | 97       |
| 49) 3-Nitroaniline             | 14.54 | 138  | 14154    | 2.82 | ng/ul# | 96       |
| 50) Acenaphthene               | 14.71 | 153  | 53572    | 2.41 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 14.74 | 184  | 4160     | 1.73 | ng/ul# | 82       |
| 53) 4-Nitrophenol              | 14.84 | 109  | 9675     | 2.47 | ng/ul# | 78       |
| 54) Dibenzofuran               | 15.04 | 168  | 77491    | 2.67 | ng/ul  | 96       |
| 55) 2,4-Dinitrotoluene         | 14.99 | 165  | 17846    | 2.54 | ng/ul# | 85       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 12576    | 2.07 | ng/ul# | 87       |
| 57) Diethylphthalate           | 15.45 | 149  | 70900    | 2.70 | ng/ul  | 97       |
| 59) Fluorene                   | 15.69 | 166  | 65626    | 2.63 | ng/ul  | 90       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 30423    | 2.58 | ng/ul# | 93       |
| 61) 4-Nitroaniline             | 15.69 | 138  | 16207    | 2.92 | ng/ul  | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 10079    | 2.47 | ng/ul# | 23       |
| 65) N-Nitrosodiphenylamine     | 15.89 | 169  | 53957    | 2.31 | ng/ul  | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 19822    | 2.36 | ng/ul  | 84       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 20682    | 2.33 | ng/ul  | 99       |
| 68) Atrazine                   | 16.83 | 200  | 23534    | 2.69 | ng/ul# | 93       |
| 69) Pentachlorophenol          | 17.04 | 266  | 9513     | 1.60 | ng/ul  | 91       |
| 70) Phenanthrene               | 17.43 | 178  | 112172   | 2.66 | ng/ul  | 95       |
| 72) Anthracene                 | 17.51 | 178  | 110662   | 2.58 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.45 | 216  | 20731    | 1.93 | ng/uL  | 89       |
| 74) Pentachlorobenzene         | 14.96 | 250  | 21826    | 2.13 | ng/uL  | 91       |
| 75) Carbazole                  | 17.78 | 167  | 107574   | 2.86 | ng/ul  | 96       |
| 76) Di-n-butylphthalate        | 18.34 | 149  | 134252   | 2.73 | ng/ul  | 97       |
| 77) Fluoranthene               | 19.43 | 202  | 137221   | 3.05 | ng/ul  | 98       |
| 80) Pyrene                     | 19.79 | 202  | 141008   | 2.63 | ng/ul  | 95       |
| 81) Butylbenzylphthalate       | 20.68 | 149  | 55039    | 2.42 | ng/ul  | 95       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 44545    | 2.70 | ng/ul  | 97       |
| 83) Benzo(a)anthracene         | 21.63 | 228  | 126067   | 2.56 | ng/ul  | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 81038    | 2.53 | ng/ul  | 100      |
| 85) Chrysene                   | 21.69 | 228  | 116240   | 2.53 | ng/ul  | 96       |
| 87) Di-n-octyl phthalate       | 22.74 | 149  | 135945   | 2.72 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.82 | 252  | 125673   | 2.58 | ng/ul  | 97       |
| 89) Benzo(k)fluoranthene       | 23.89 | 252  | 115495   | 2.46 | ng/ul  | 97       |
| 91) Benzo(a)pyrene             | 24.69 | 252  | 116122   | 2.51 | ng/ul  | 96       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.47 | 276  | 131083m  | 2.45 | ng/ul  |          |
| 93) Dibenzo(a,h)anthracene     | 28.54 | 278  | 106873   | 2.40 | ng/ul# | 90       |
| 94) Benzo(g,h,i)perylene       | 29.61 | 276  | 108523m  | 2.41 | ng/ul  |          |

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





#2

1,4-Dioxane

Concen: 0.57 ng/uL

RT: 3.48 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG018446.D

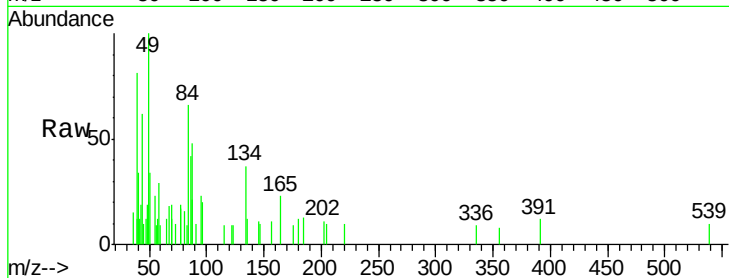
Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

ClientSampleId :

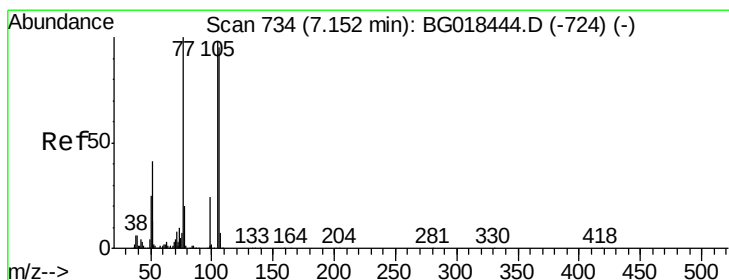
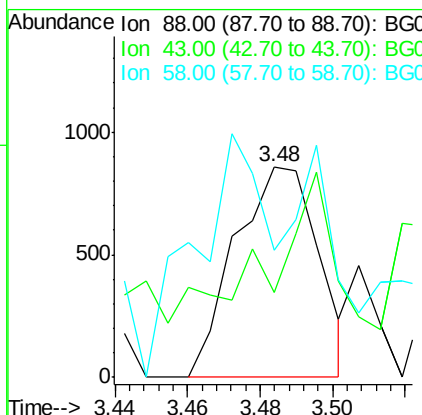
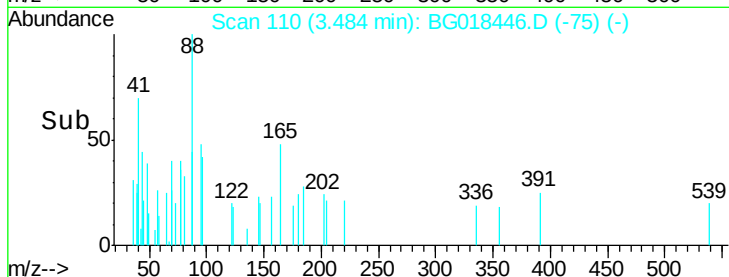
MDL-01-S



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 88    | Resp: | 1368   |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 43       | 40.5  | 33.0  | 49.4   |
| 58       | 60.5  | 73.4  | 110.0# |

Manual Integrations  
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#4

Benzaldehyde

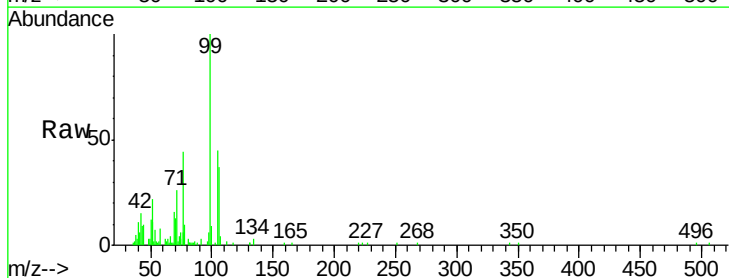
Concen: 2.82 ng/uL

RT: 7.15 min Scan# 734

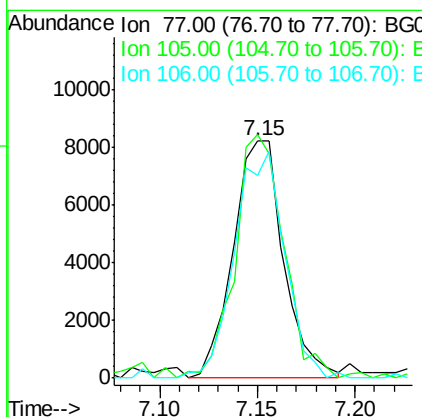
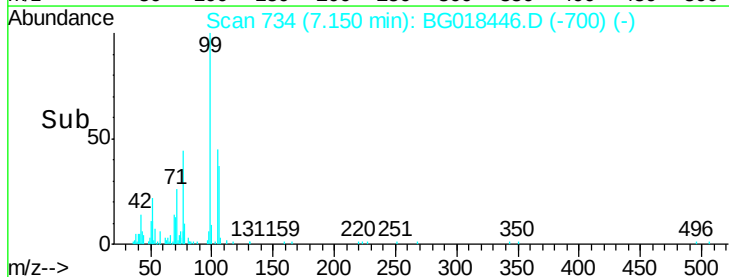
Delta R.T. -0.00 min

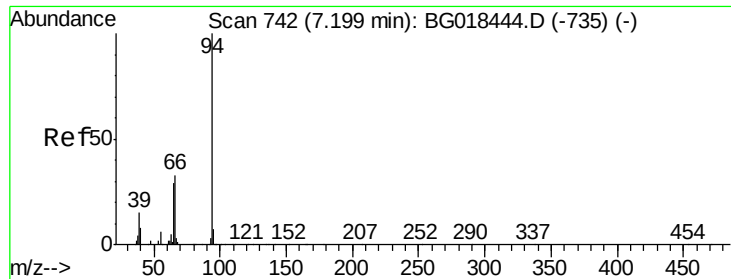
Lab File: BG018446.D

Acq: 17 Aug 2015 10:25



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 14761 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 102.4 | 78.2  | 117.2 |
| 106      | 85.5  | 76.8  | 115.2 |





#6

Phenol

Concen: 2.36 ng/ul

RT: 7.20 min Scan# 743

Delta R.T. 0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

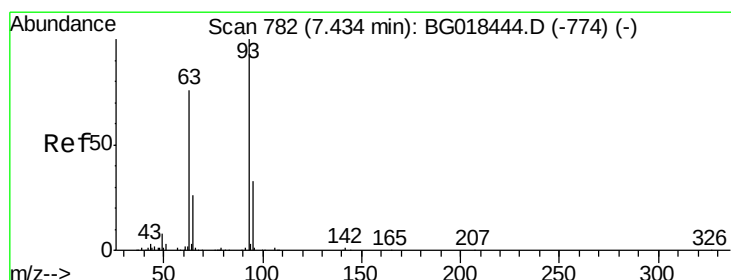
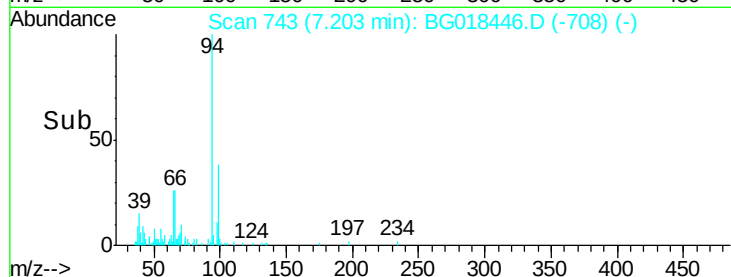
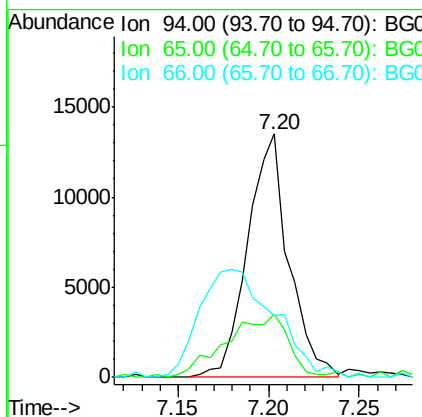
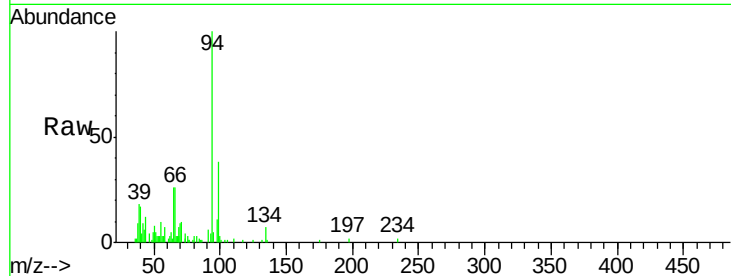
ClientSampleId :

MDL-01-S

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 21463 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 26.0  | 23.0  | 34.6  |
| 66       | 25.6  | 31.0  | 46.4# |

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 2.56 ng/ul

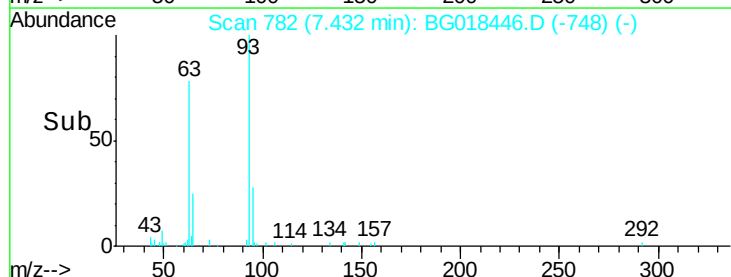
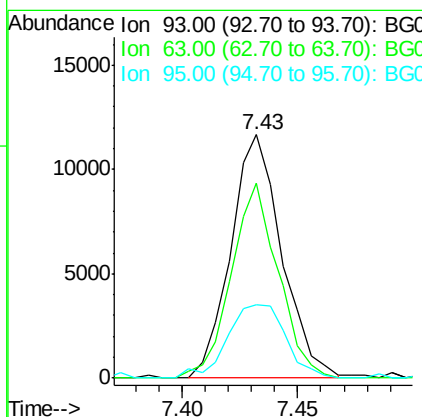
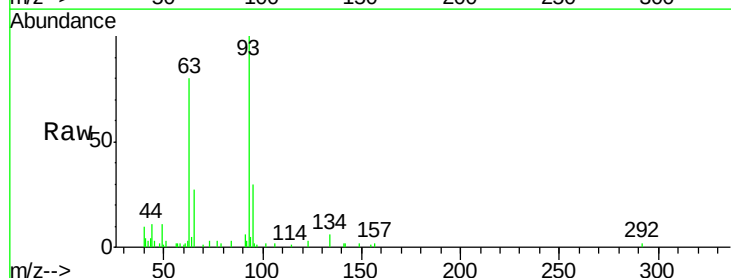
RT: 7.43 min Scan# 782

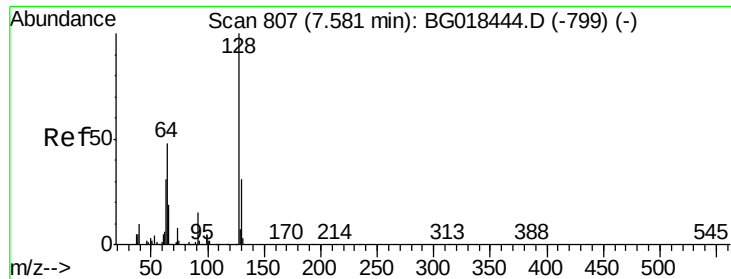
Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 17915 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 80.0  | 61.4  | 92.2  |
| 95       | 30.3  | 25.9  | 38.9  |





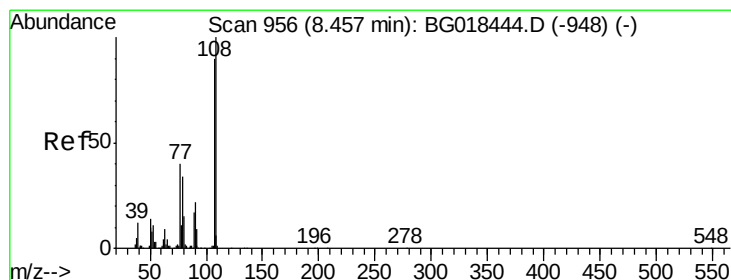
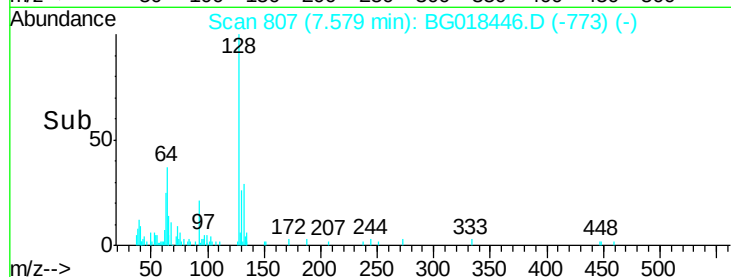
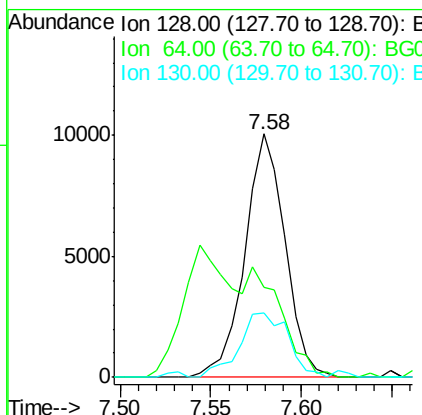
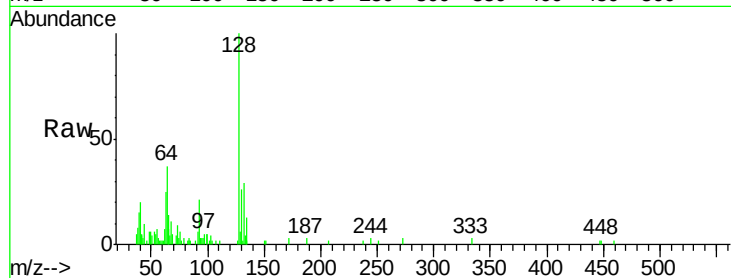
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2-Chlorophenol  
Concen: 2.22 ng/ul  
RT: 7.58 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 15485 |       |       |
| 64      | 37.0  |       | 40.9  | 61.3# |
| 130     | 26.3  |       | 24.5  | 36.7  |

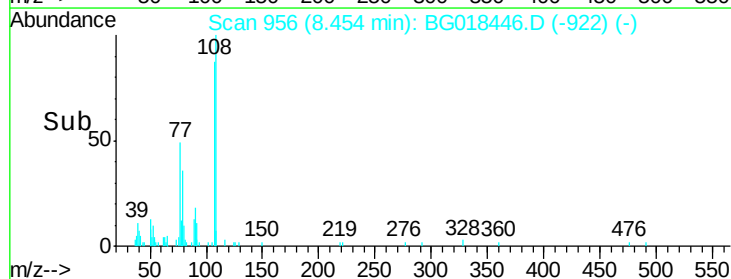
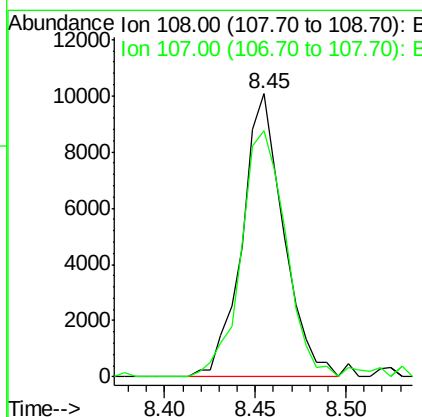
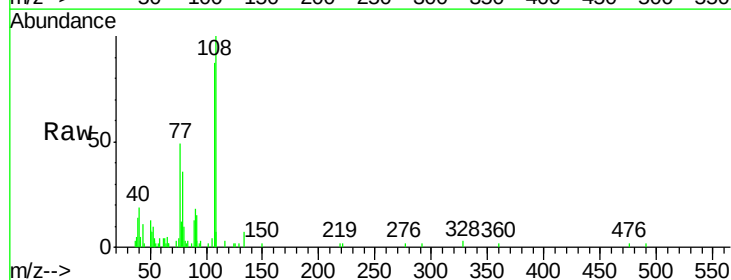
Manual Integrations  
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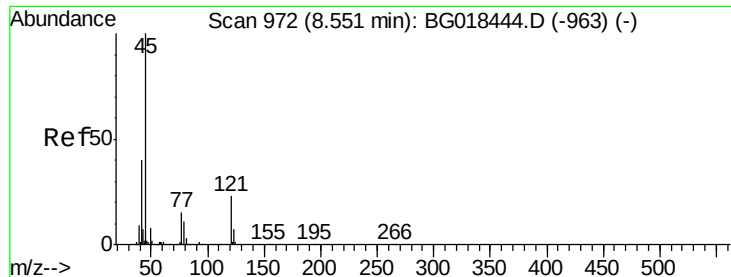
MMDadoda  
8/18/2015 5:20:39 PM



#11  
2-Methylphenol  
Concen: 2.26 ng/ul  
RT: 8.45 min Scan# 956  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 108     | 100   | 15975 |       |       |
| 107     | 87.2  |       | 72.1  | 108.1 |





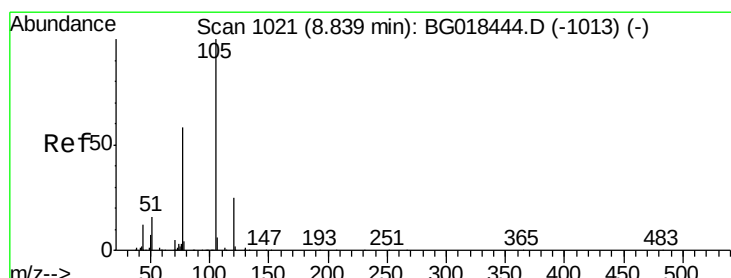
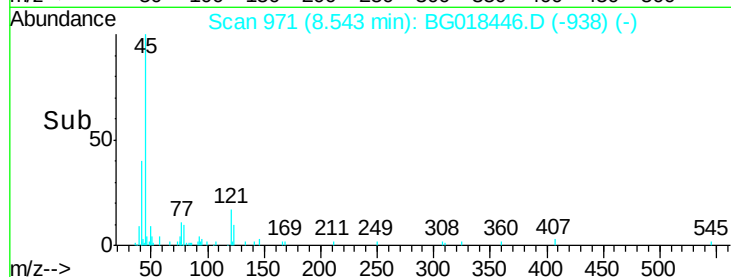
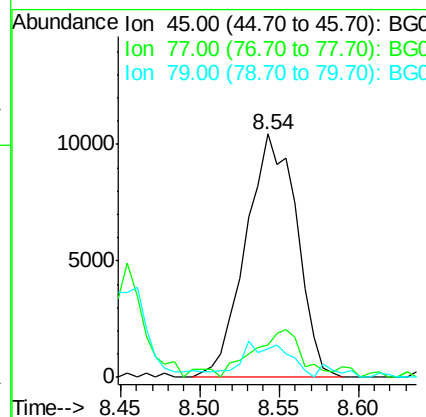
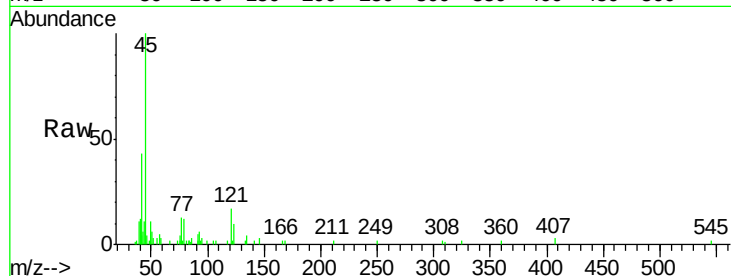
#12  
 2,2'-oxybis(1-chloropropane)  
 Concen: 2.08 ng/ul  
 RT: 8.54 min Scan# 971  
 Delta R.T. -0.01 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.4  | 11.3  | 16.9  |
| 79      | 11.7  | 7.8   | 11.8  |

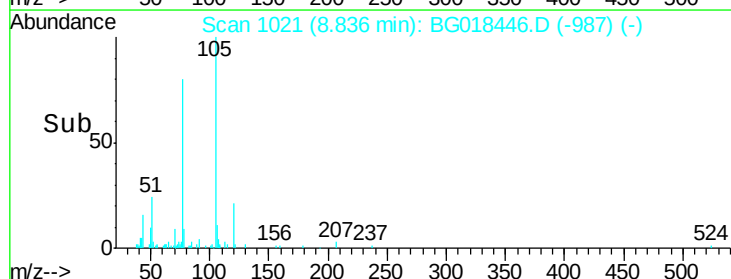
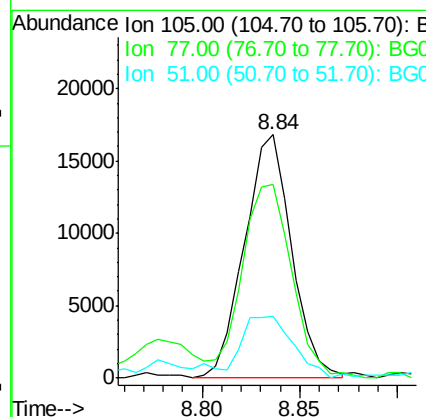
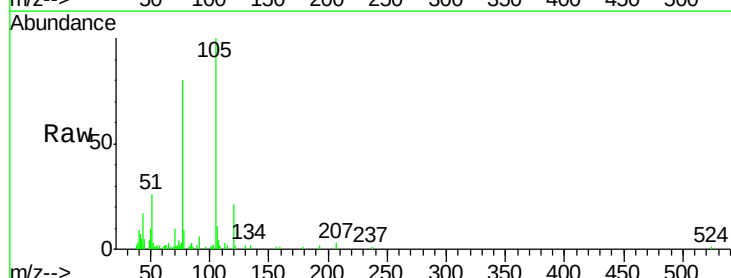
Manual Integrations  
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MMDadoda  
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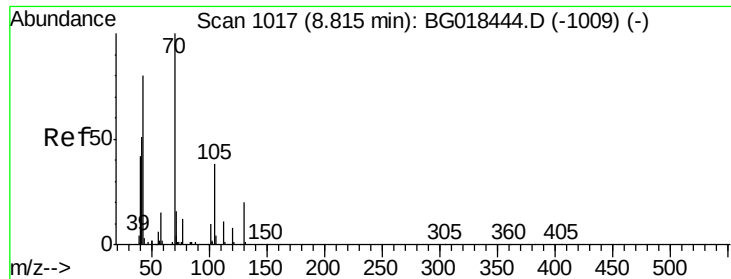


#14  
 Acetophenone  
 Concen: 2.60 ng/ul  
 RT: 8.84 min Scan# 1021  
 Delta R.T. -0.00 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 79.7  | 61.9  | 92.9  |
| 51      | 25.7  | 25.5  | 38.3  |







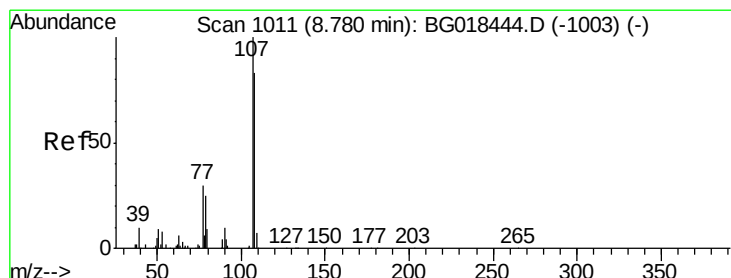
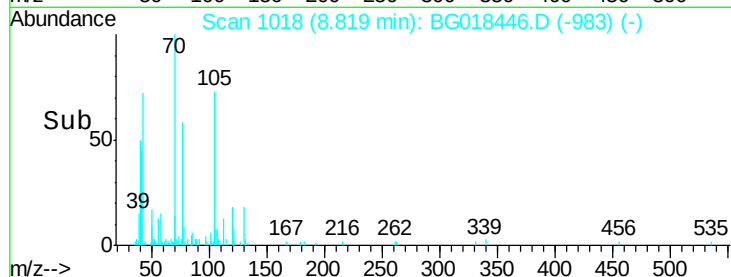
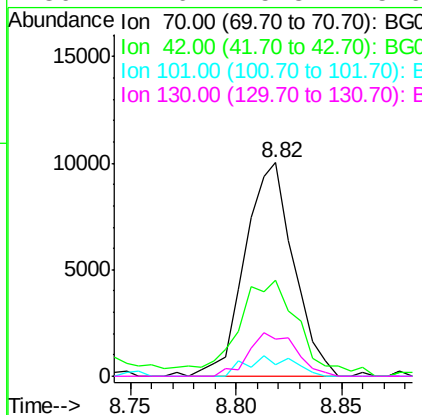
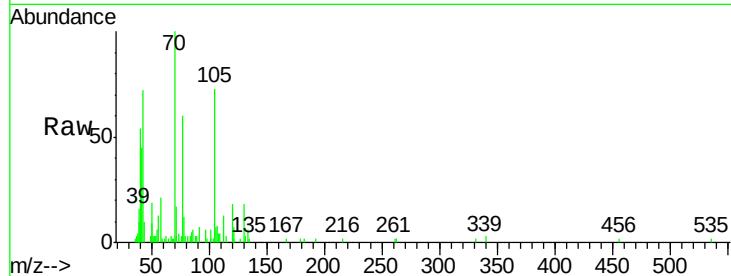
#15  
N-Nitroso-di-n-propylamine  
Concen: 2.57 ng/ul  
RT: 8.82 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.0  | 50.7  | 76.1# |
| 101     | 5.6   | 7.4   | 11.2# |
| 130     | 17.6  | 15.8  | 23.6  |

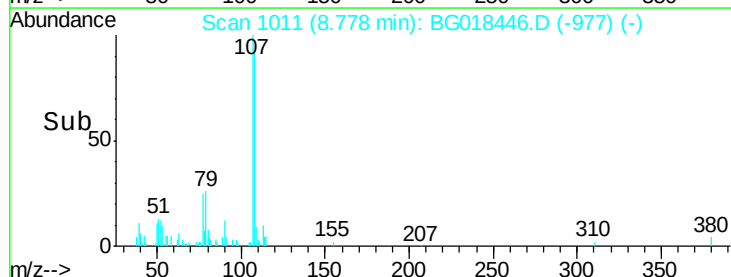
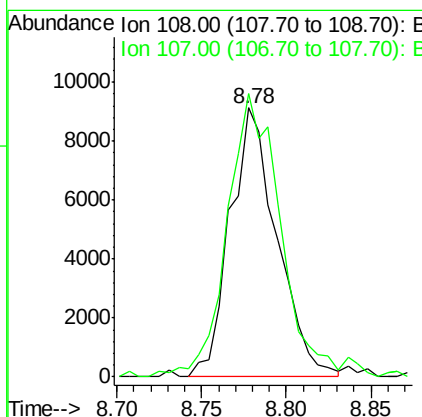
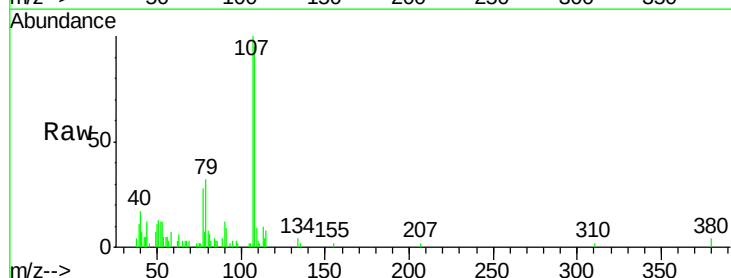
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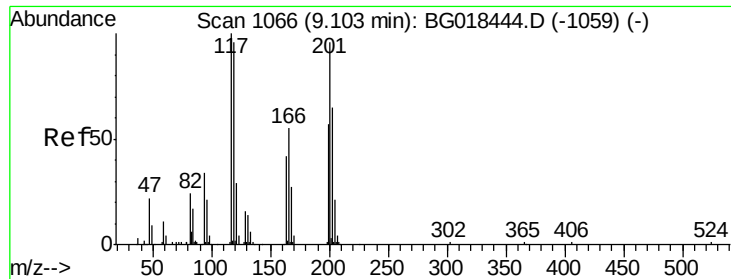


#16  
4-Methylphenol  
Concen: 2.29 ng/ul  
RT: 8.78 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 105.2 | 94.6  | 142.0 |







#17

Hexachloroethane

Concen: 2.42 ng/ul

RT: 9.10 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

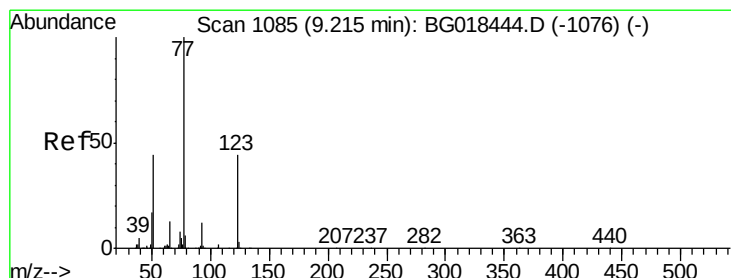
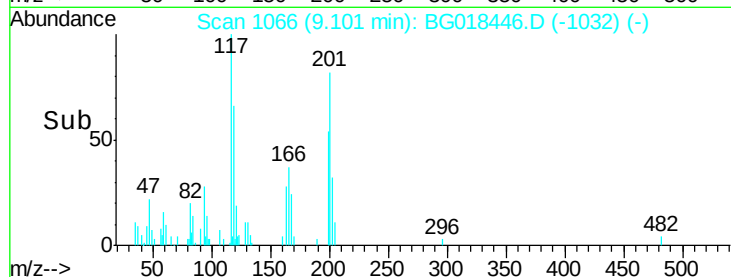
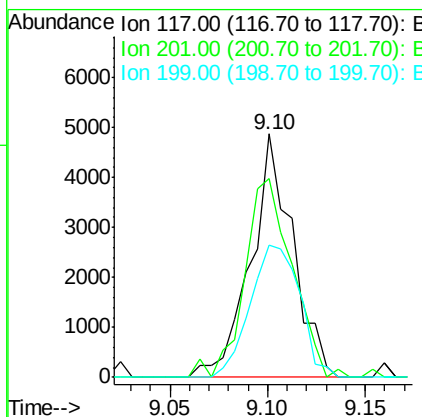
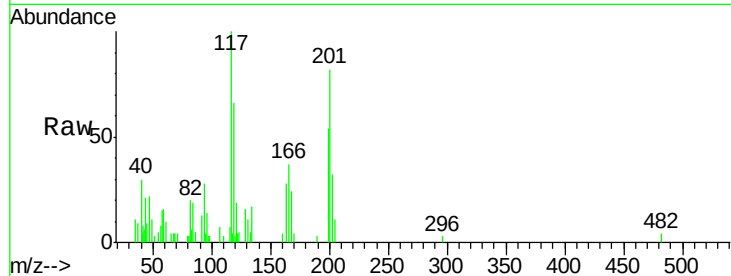
ClientSampleId :

MDL-01-S

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 7252  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 81.6  | 73.6  | 110.4 |
| 199       | 54.5  | 48.6  | 72.8  |

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#20

Nitrobenzene

Concen: 2.34 ng/ul

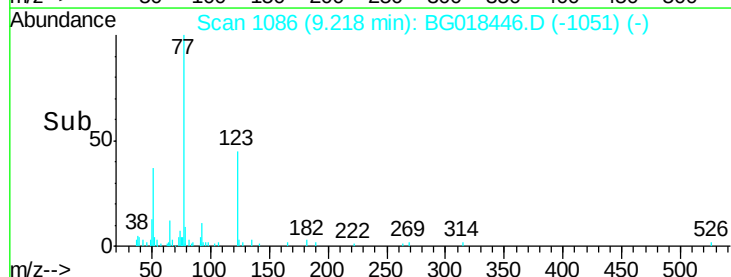
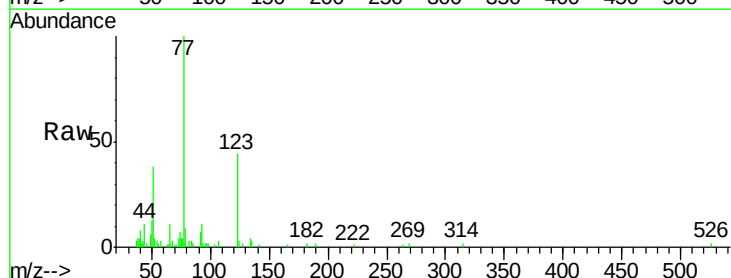
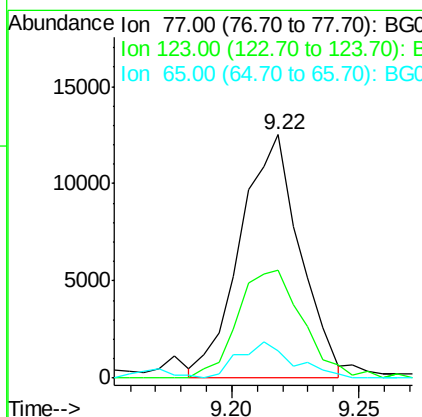
RT: 9.22 min Scan# 1086

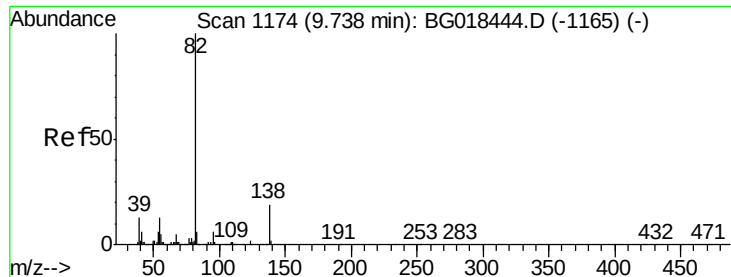
Delta R.T. 0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 20483 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 44.4  | 32.8  | 49.2  |
| 65        | 11.4  | 12.2  | 18.2# |





#21

Isophorone

Concen: 2.62 ng/ul

RT: 9.74 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

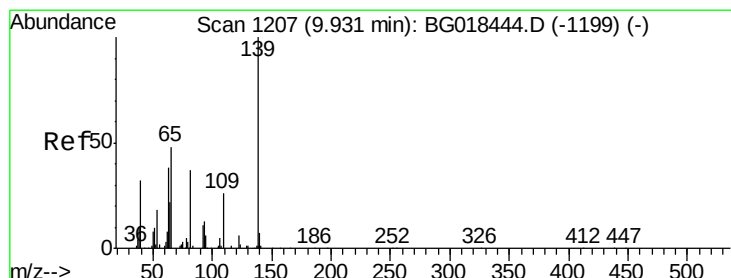
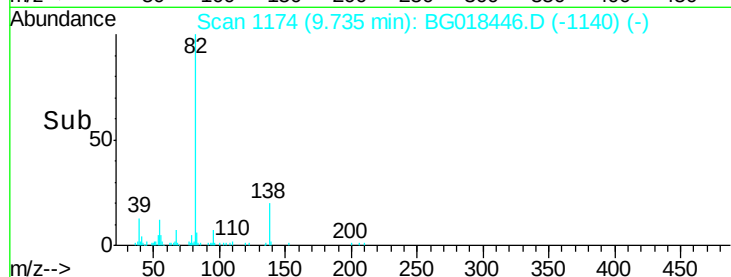
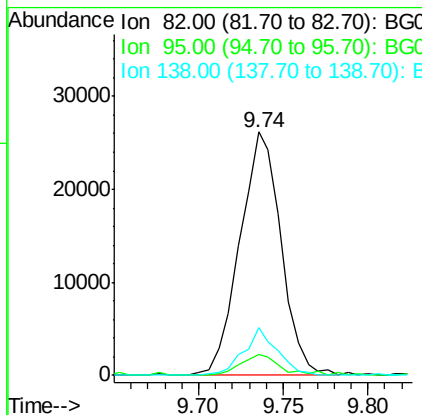
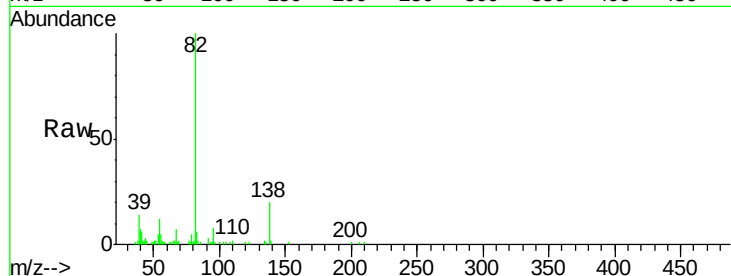
ClientSampleId :

MDL-01-S

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 44223 |       |       |
| 95      | 8.4   | 5.2   | 7.8#  |       |
| 138     | 19.9  | 13.8  | 20.8  |       |

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#23

2-Nitrophenol

Concen: 2.55 ng/ul

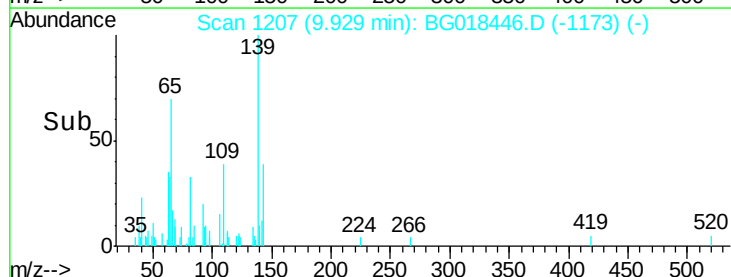
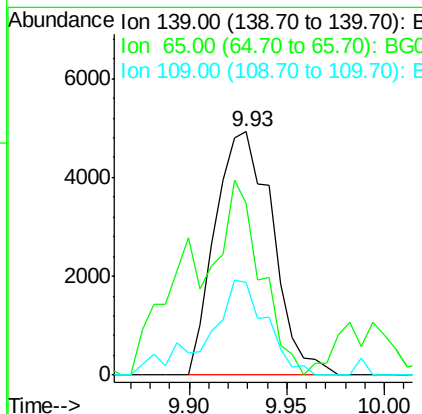
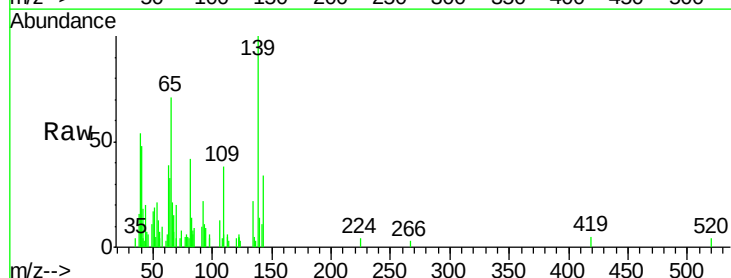
RT: 9.93 min Scan# 1207

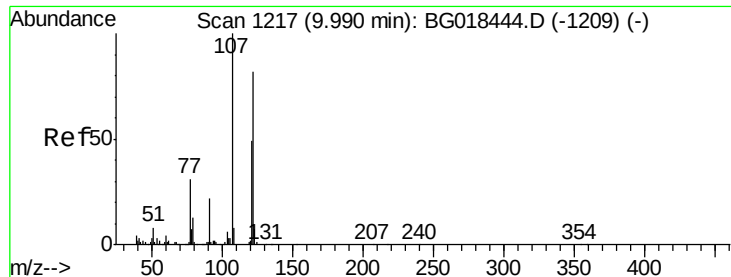
Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 10029 |       |       |
| 65      | 70.7  | 45.6  | 68.4# |       |
| 109     | 37.9  | 25.4  | 38.2  |       |





#24

2,4-Dimethylphenol

Concen: 2.24 ng/ul

RT: 9.99 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BG018446.D

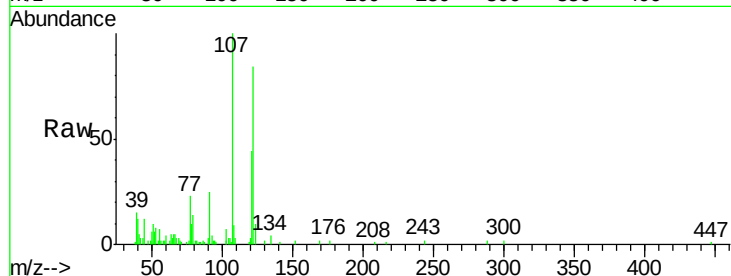
Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

ClientSampleId :

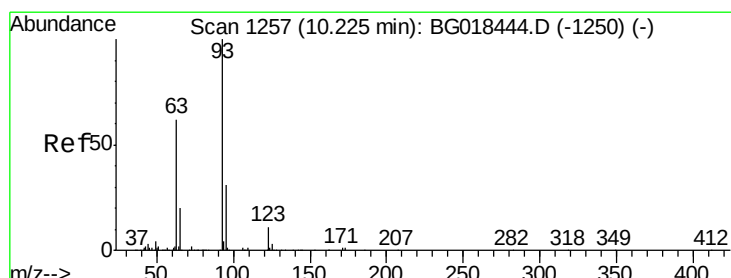
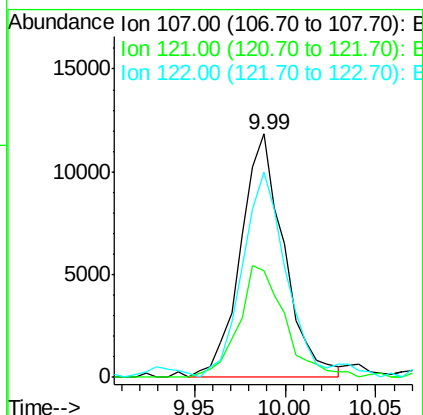
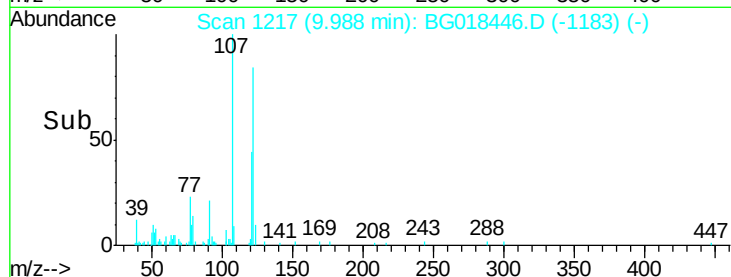
MDL-01-S



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 43.8  | 41.3  | 61.9  |
| 122     | 84.0  | 71.9  | 107.9 |

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#25

Bis(2-Chloroethoxy)methane

Concen: 2.41 ng/ul

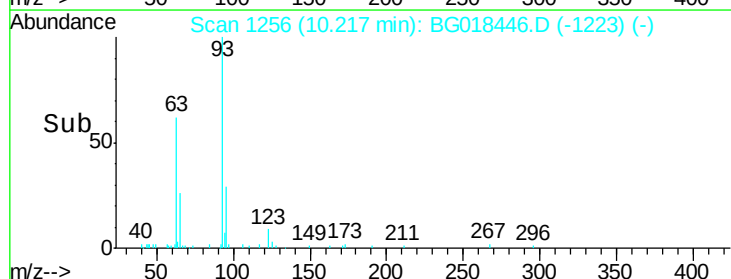
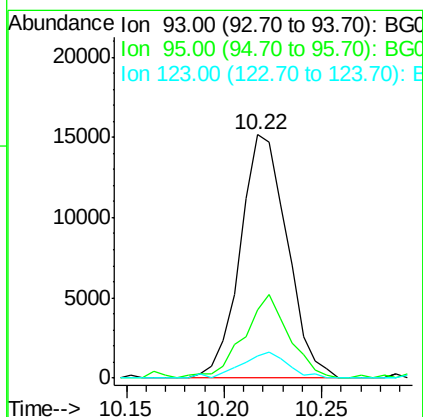
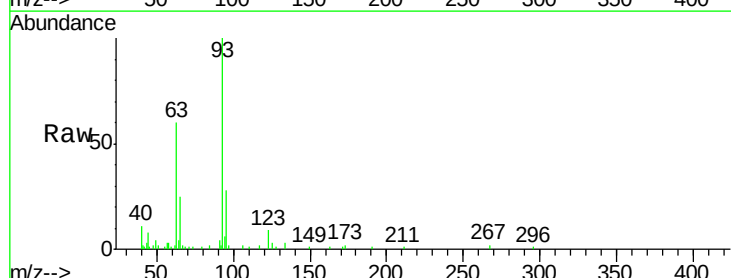
RT: 10.22 min Scan# 1256

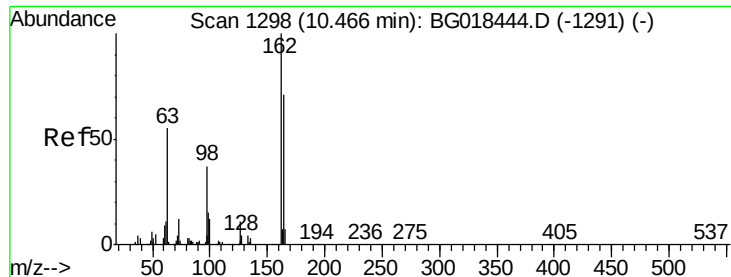
Delta R.T. -0.01 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 28.1  | 24.1  | 36.1  |
| 123     | 9.0   | 8.9   | 13.3  |





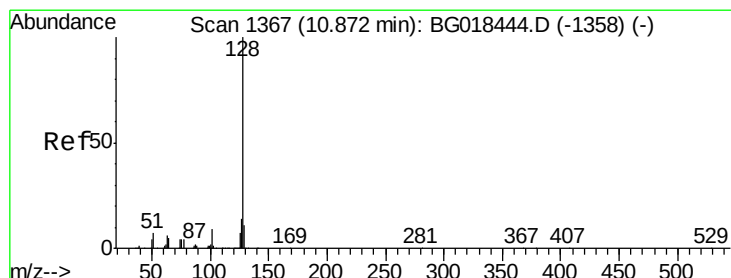
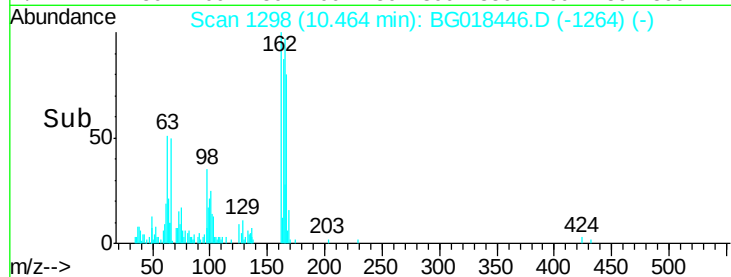
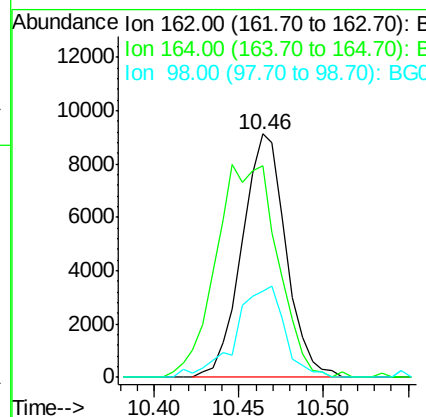
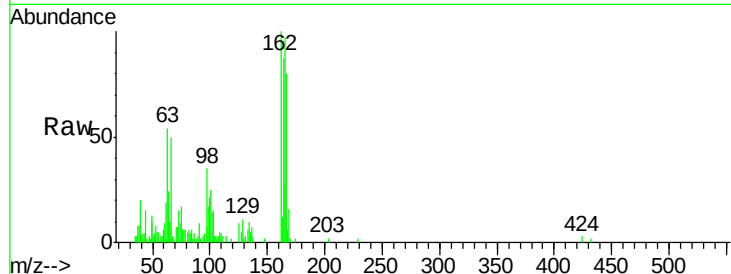
#27  
 2,4-Dichlorophenol  
 Concen: 2.35 ng/ul  
 RT: 10.46 min Scan# 1298  
 Delta R.T. -0.00 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-01-S

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 16519 |       |       |
| 164     | 86.8  | 51.7  | 77.5# |       |
| 98      | 35.5  | 30.4  | 45.6  |       |

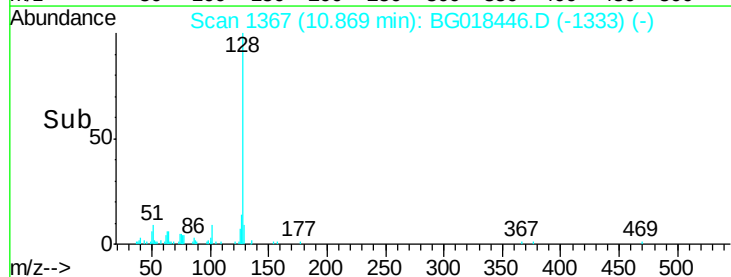
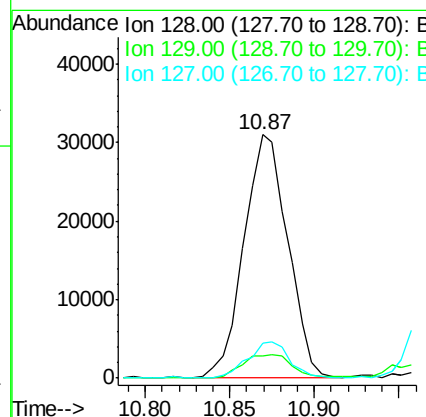
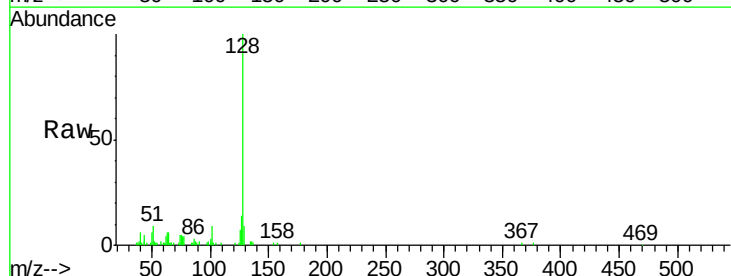
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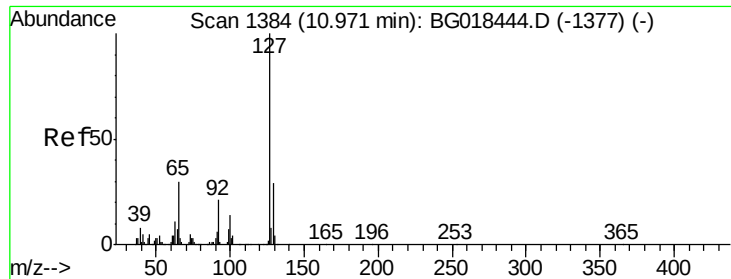
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#28  
 Naphthalene  
 Concen: 2.38 ng/ul  
 RT: 10.87 min Scan# 1367  
 Delta R.T. -0.00 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 56097 |       |       |
| 129     | 9.0   | 9.6   | 14.4# |       |
| 127     | 14.3  | 10.5  | 15.7  |       |





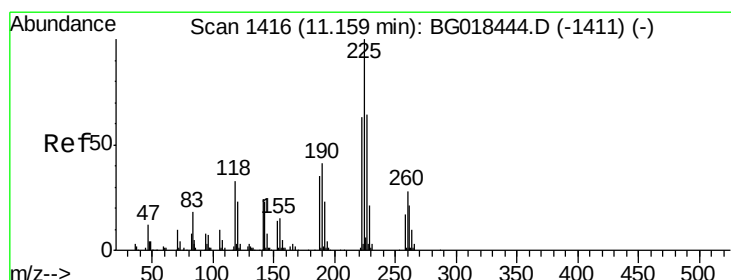
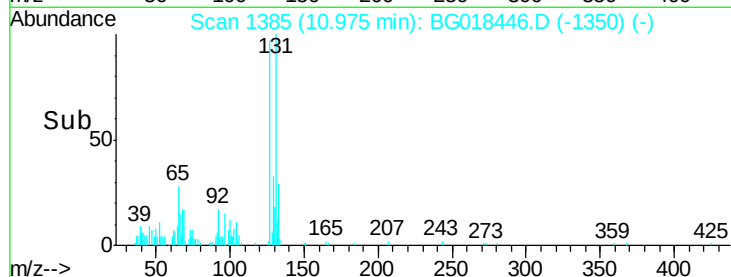
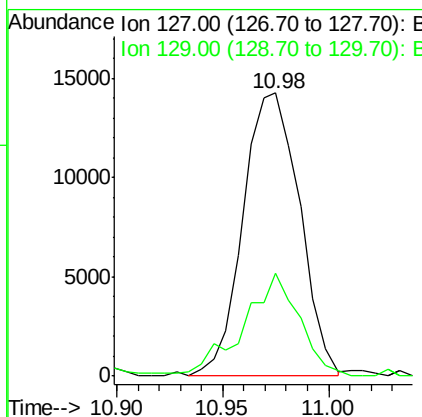
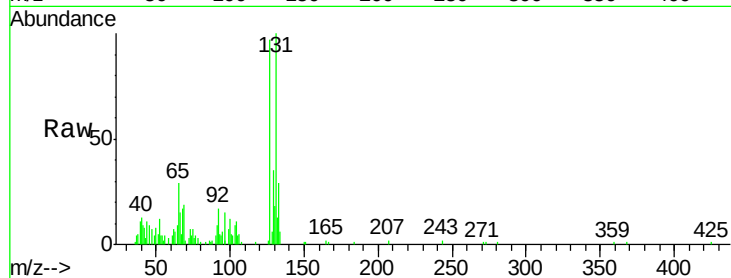
#30  
4-Chloroaniline  
Concen: 3.07 ng/ul  
RT: 10.98 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 36.5  | 26.7  | 40.1  |

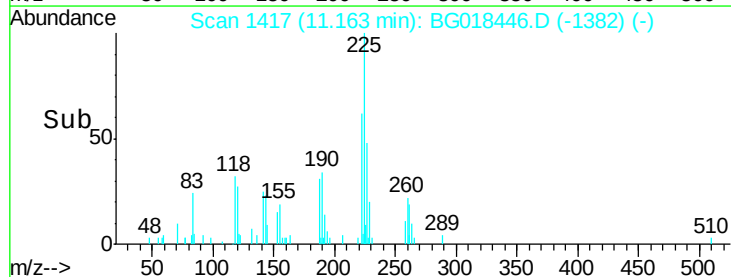
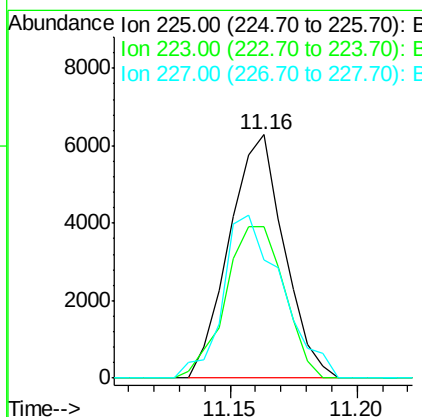
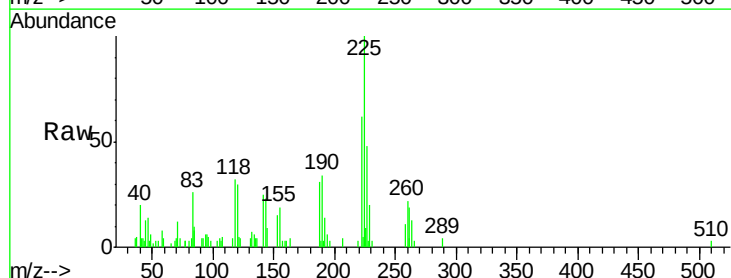
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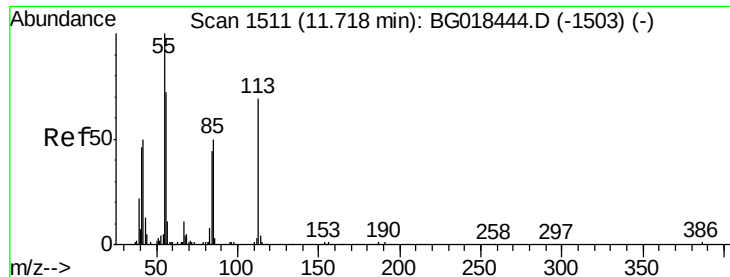
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#31  
Hexachlorobutadiene  
Concen: 2.14 ng/ul  
RT: 11.16 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 45.8  | 68.8  |
| 227     | 51.1  | 54.0  | 81.0# |





#32

Caprolactam

Concen: 2.91 ng/ul m

RT: 11.74 min Scan# 1516

Delta R.T. 0.03 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

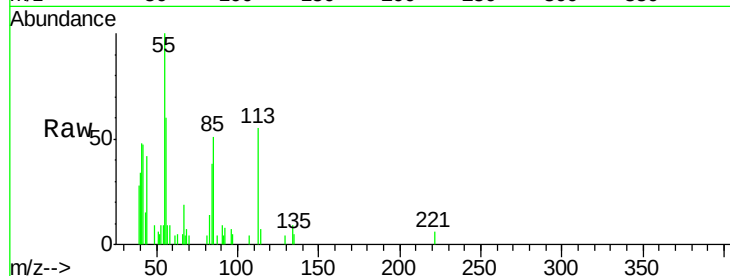
ClientSampleId :

MDL-01-S

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 8245  |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 182.5 | 124.2 | 186.4 |
| 56        | 109.9 | 98.2  | 147.4 |

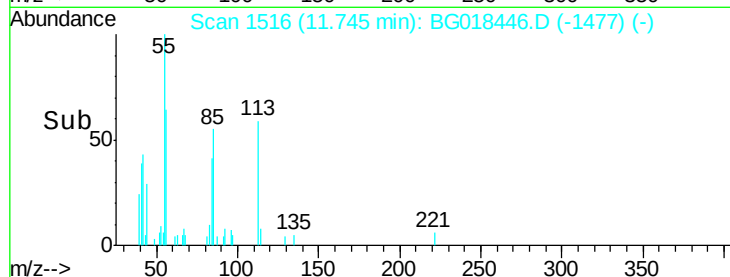


Abundance Ion 113.00 (112.70 to 113.70): E

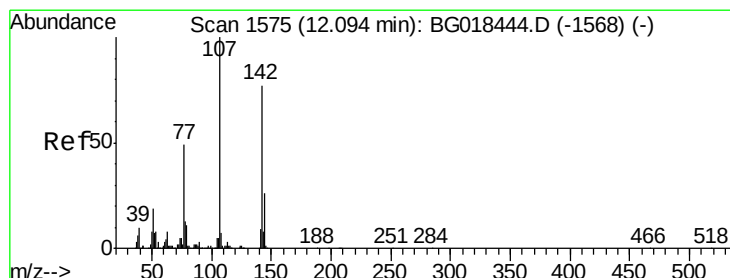
Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

Time-->



Time-->



#33

4-Chloro-3-methylphenol

Concen: 2.51 ng/ul

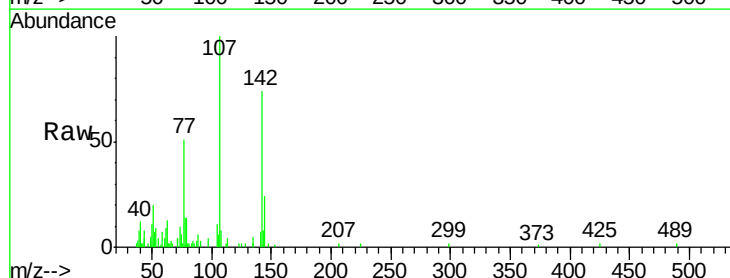
RT: 12.09 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 20429 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 23.6  | 21.4  | 32.2  |
| 142       | 73.8  | 66.0  | 99.0  |

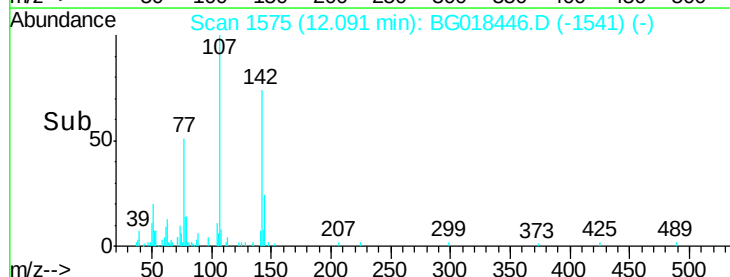


Abundance Ion 107.00 (106.70 to 107.70): E

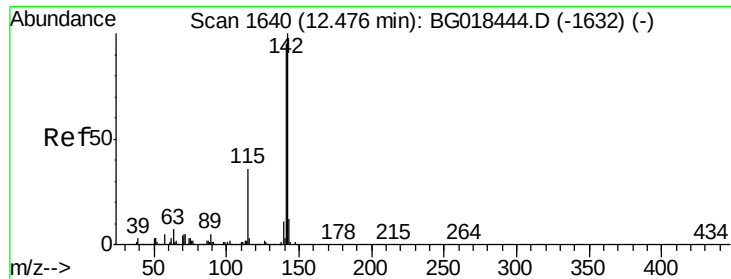
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



#34

2-Methylnaphthalene

Concen: 2.51 ng/ul

RT: 12.47 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

ClientSampleId :

MDL-01-S

Tgt Ion:142 Resp: 42803

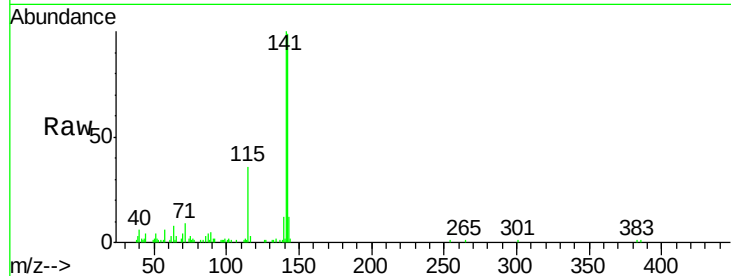
Ion Ratio Lower Upper

142 100

141 100.8 78.0 117.0

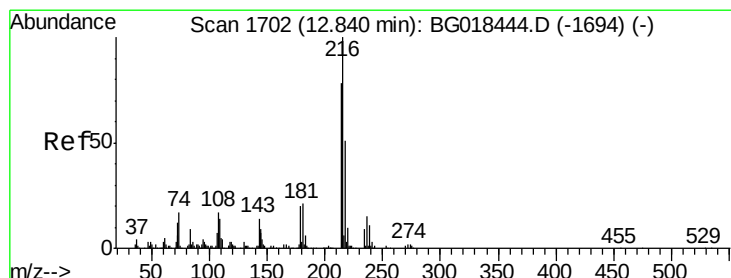
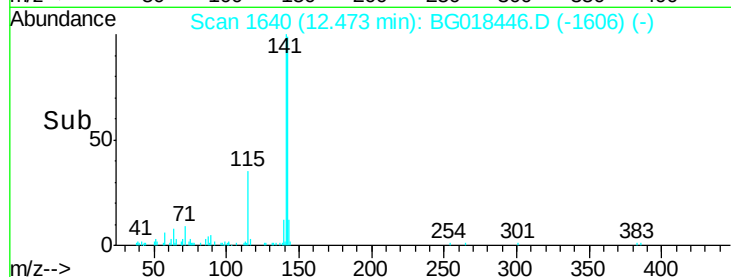
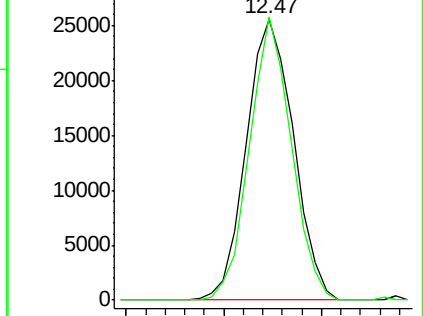
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 2.38 ng/ul

RT: 12.84 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Tgt Ion:216 Resp: 22692

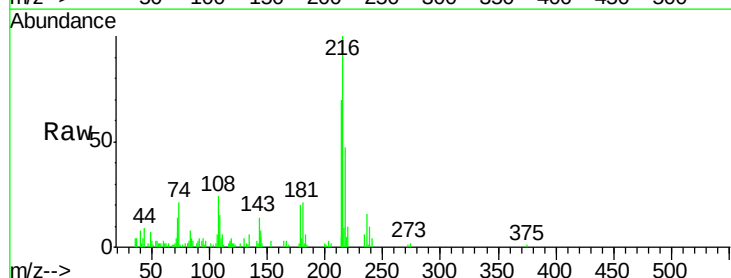
Ion Ratio Lower Upper

216 100

214 74.7 62.5 93.7

179 19.6 18.2 27.2

108 23.7 14.6 22.0#

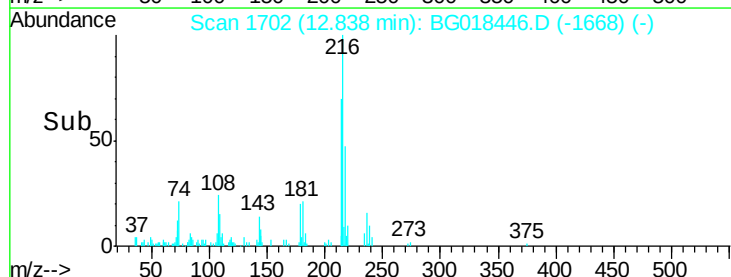
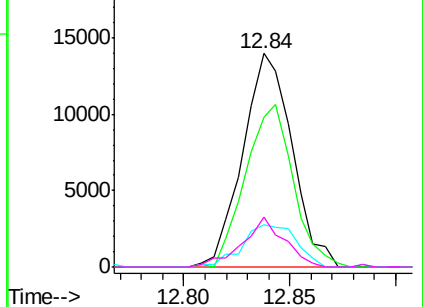


Abundance Ion 216.00 (215.70 to 216.70): E

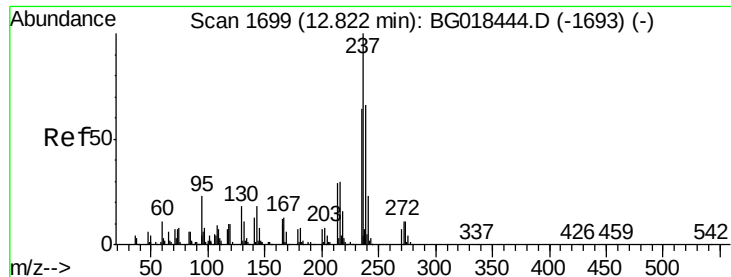
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







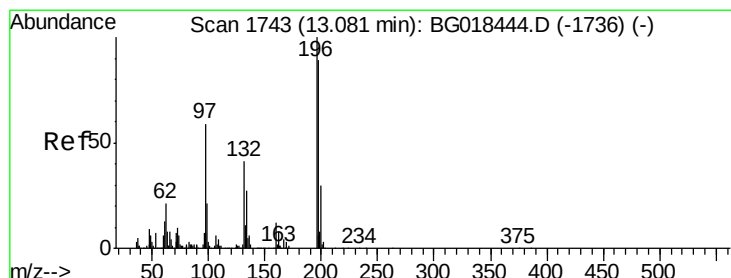
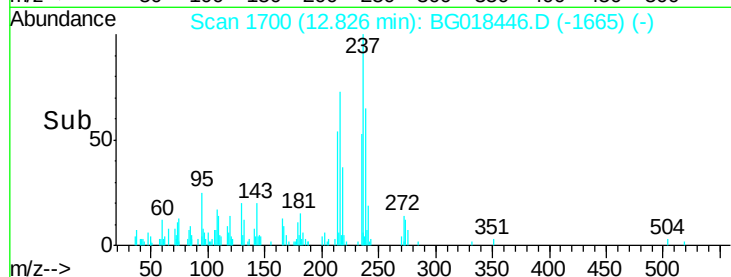
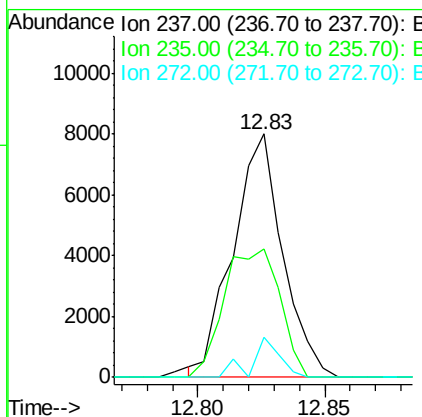
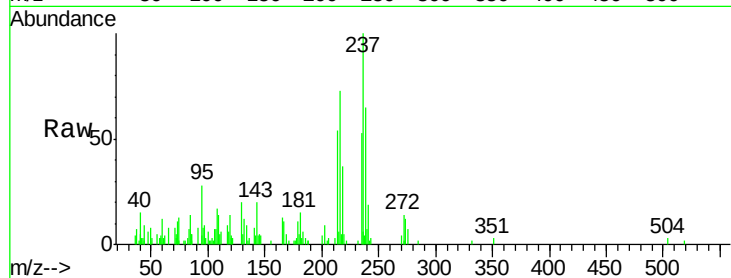
#38  
Hexachlorocyclopentadiene  
Concen: 1.92 ng/ul  
RT: 12.83 min Scan# 1700  
Delta R.T. 0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 59.0  | 45.6  | 68.4  |
| 272     | 16.3  | 9.0   | 13.4  |

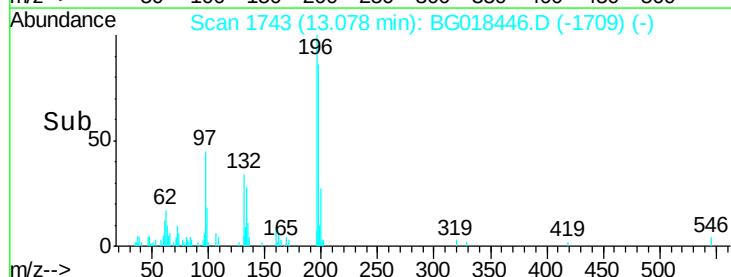
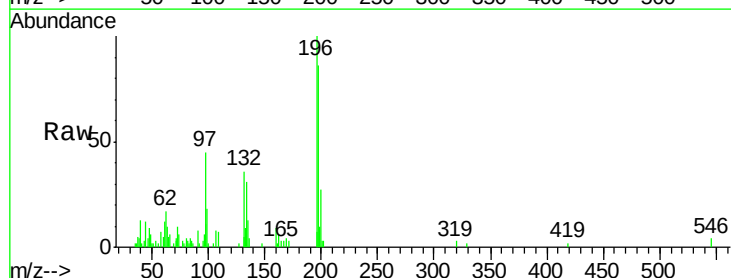
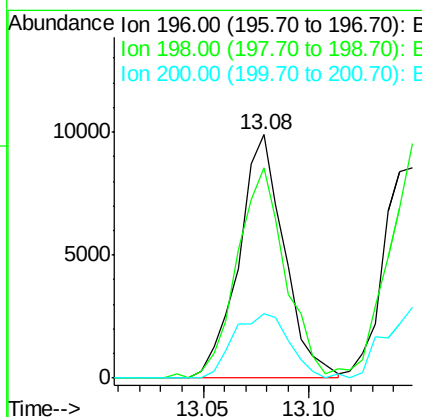
Manual Integrations  
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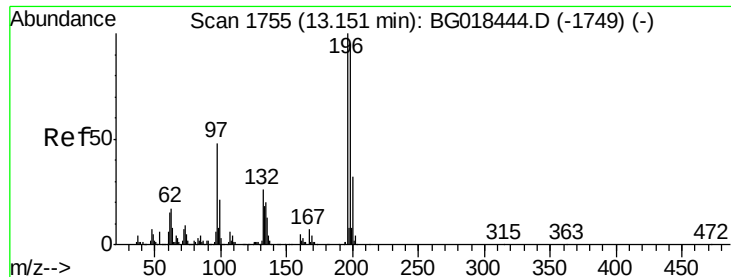
MMDadoda  
8/18/2015 5:20:39 PM



#39  
2,4,6-Trichlorophenol  
Concen: 2.28 ng/ul  
RT: 13.08 min Scan# 1743  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 80.9  | 78.5  | 117.7 |
| 200     | 27.3  | 25.1  | 37.7  |





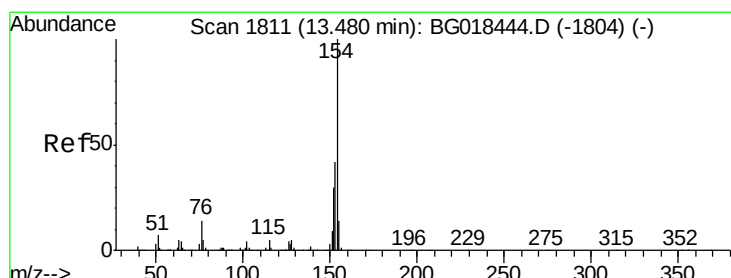
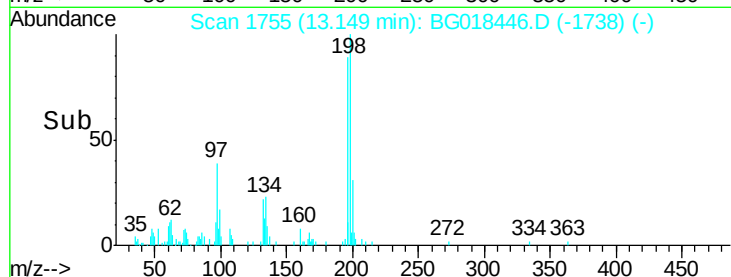
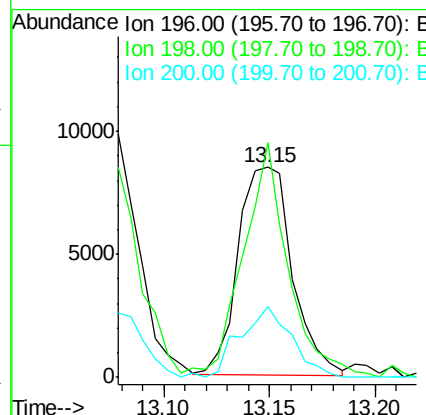
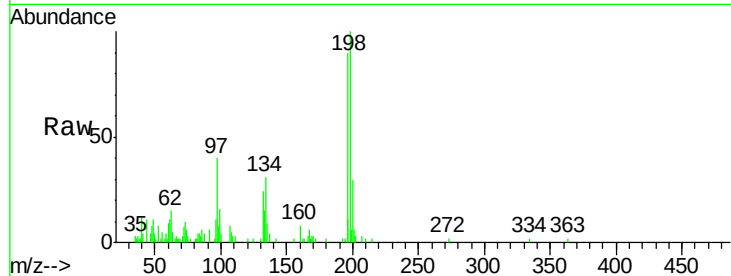
#40  
 2,4,5-Trichlorophenol  
 Concen: 2.14 ng/ul  
 RT: 13.15 min Scan# 1755  
 Delta R.T. -0.00 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-01-S

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 14942 |       |       |
| 198     | 99.9  | 74.2  | 111.4 |       |
| 200     | 30.2  | 25.2  | 37.8  |       |

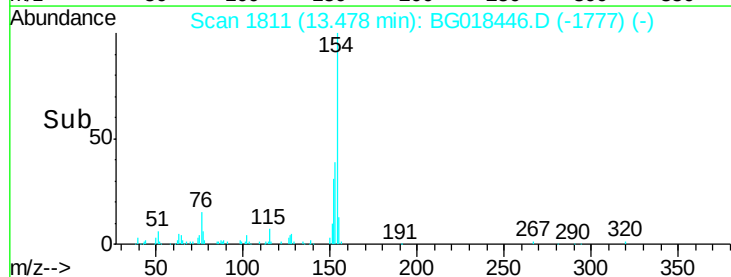
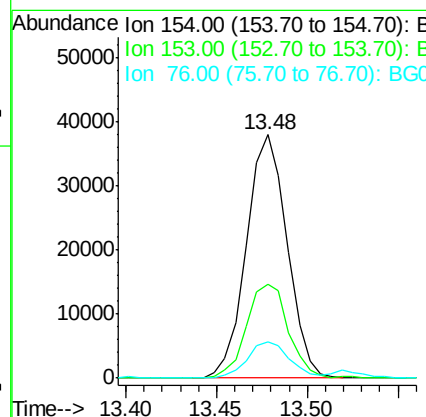
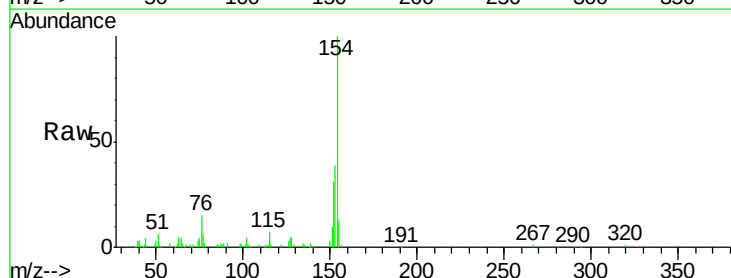
Manual Integrations  
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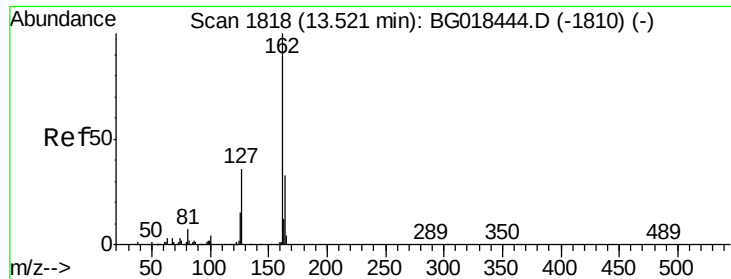
MMDadoda  
 8/18/2015 5:20:39 PM



#41  
 1,1'-Biphenyl  
 Concen: 2.38 ng/ul  
 RT: 13.48 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 59163 |       |       |
| 153     | 38.6  | 35.2  | 52.8  |       |
| 76      | 14.8  | 10.6  | 16.0  |       |





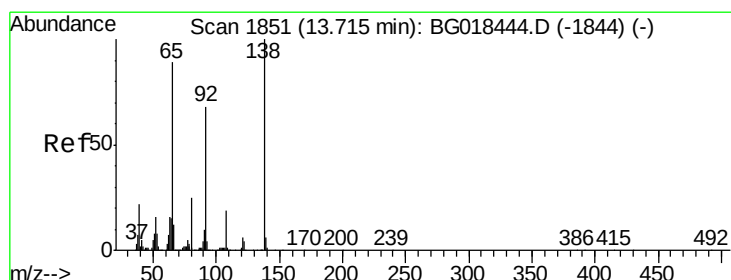
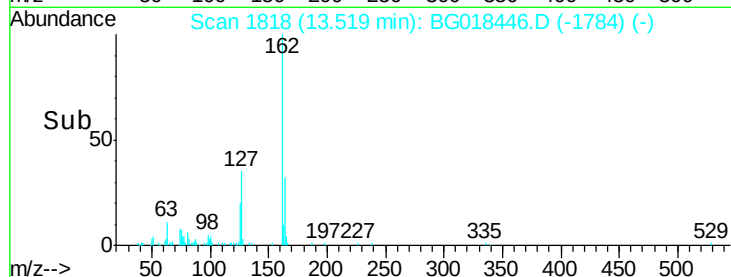
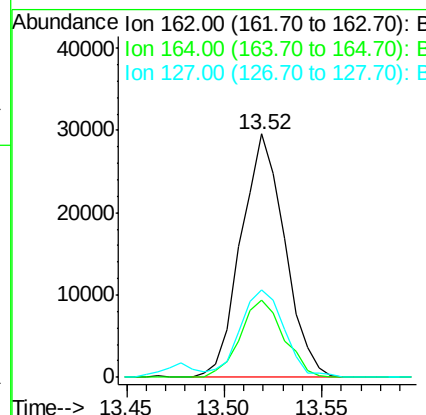
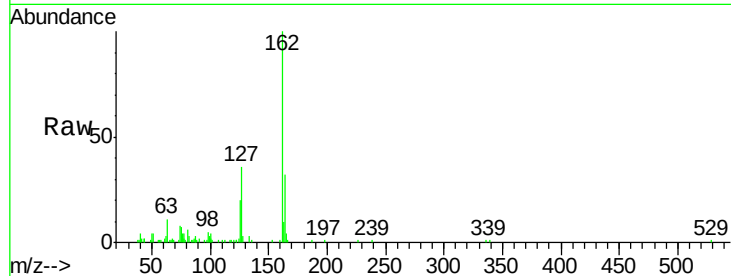
#42  
2-Chloronaphthalene  
Concen: 2.38 ng/ul  
RT: 13.52 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 45832 |       |       |
| 164     | 31.6  | 24.8  | 37.2  |       |
| 127     | 35.8  | 30.3  | 45.5  |       |

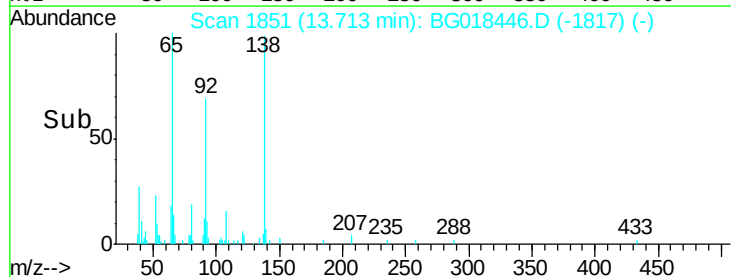
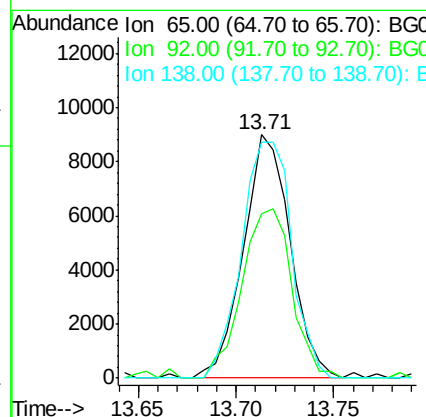
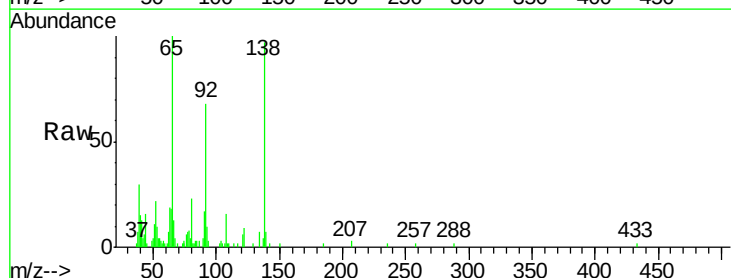
Manual Integrations  
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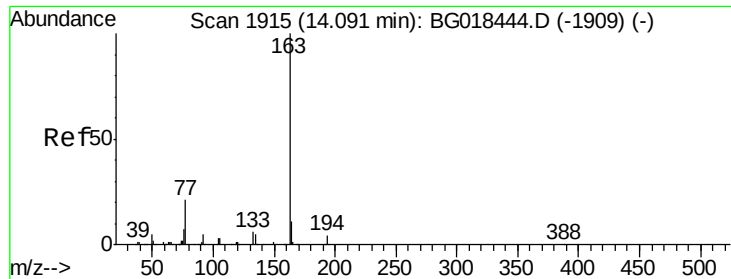
MMDadoda  
8/18/2015 5:20:39 PM



#43  
2-Nitroaniline  
Concen: 2.40 ng/ul  
RT: 13.71 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 14978 |       |       |
| 92      | 67.5  | 51.1  | 76.7  |       |
| 138     | 96.8  | 75.1  | 112.7 |       |





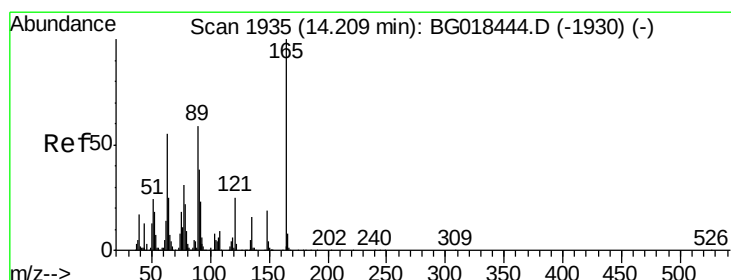
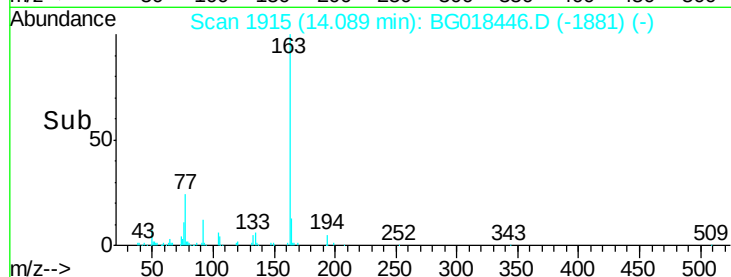
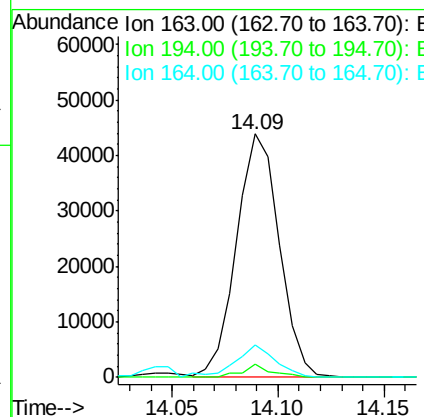
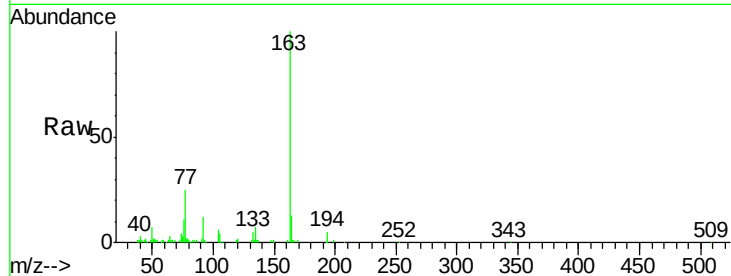
#45  
Dimethylphthalate  
Concen: 2.50 ng/ul  
RT: 14.09 min Scan# 1915  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.2   | 2.9   | 4.3#  |
| 164     | 13.1  | 7.7   | 11.5# |

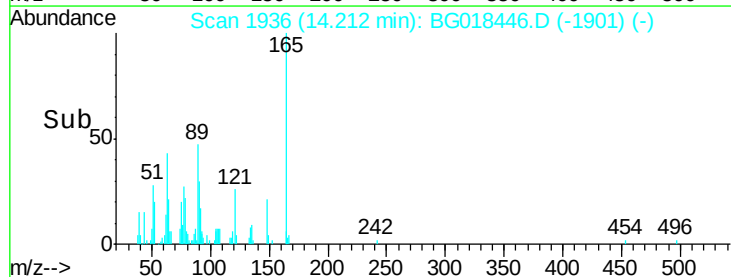
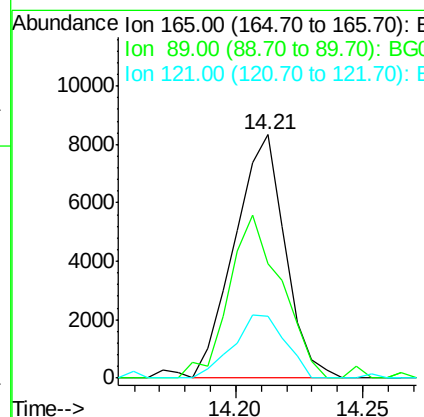
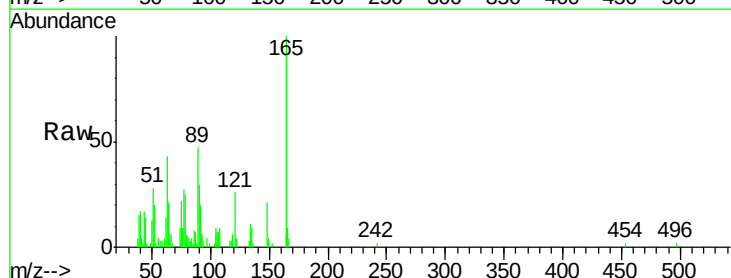
Manual Integrations  
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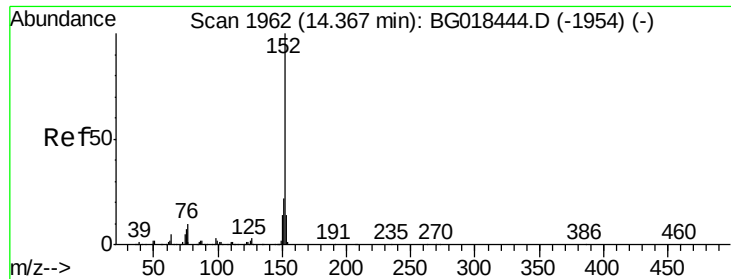
MMDadoda  
8/18/2015 5:20:39 PM



#46  
2,6-Dinitrotoluene  
Concen: 2.36 ng/ul  
RT: 14.21 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 46.8  | 50.2  | 75.2# |
| 121     | 25.6  | 19.4  | 29.2  |





#48

Acenaphthylene

Concen: 2.53 ng/ul

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG018446.D

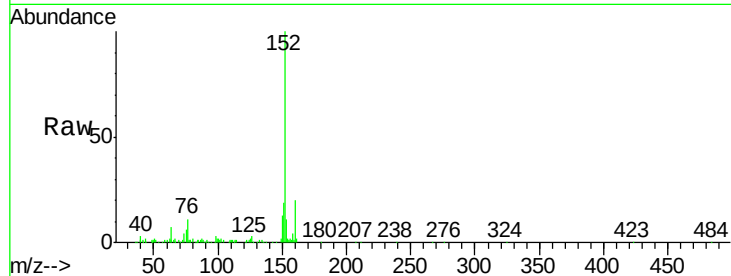
Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

ClientSampleId :

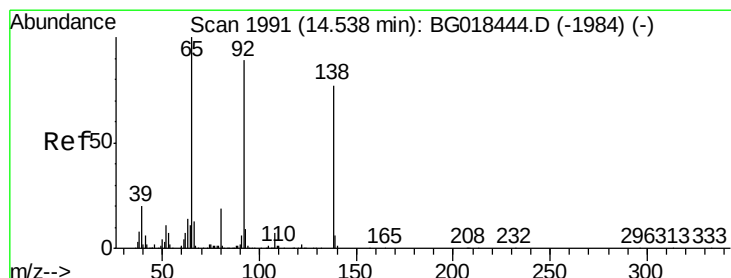
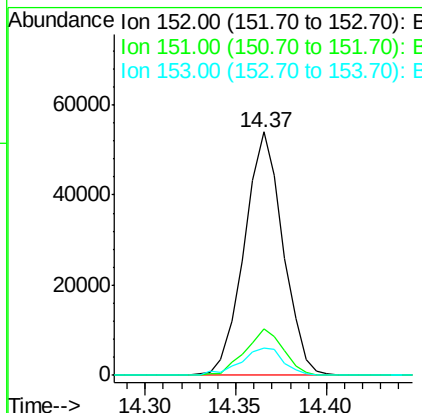
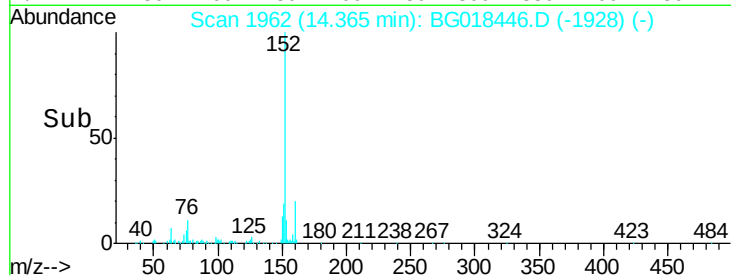
MDL-01-S



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.0  | 15.4  | 23.2  |
| 153     | 11.2  | 10.8  | 16.2  |

Manual Integrations  
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8/18/2015 5:20:39 PM



#49

3-Nitroaniline

Concen: 2.82 ng/ul

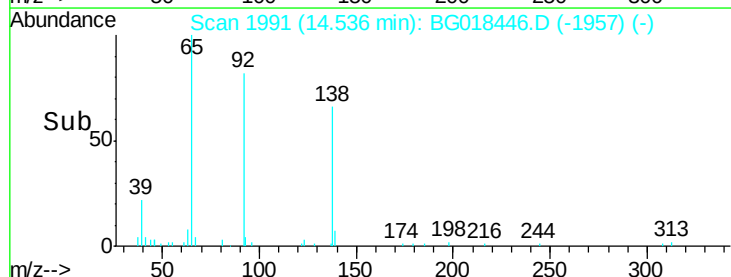
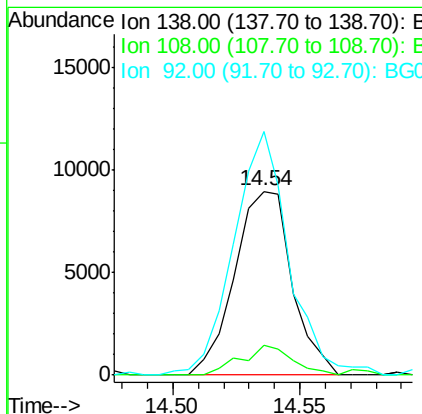
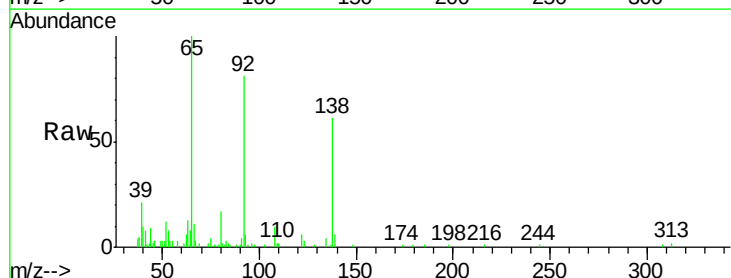
RT: 14.54 min Scan# 1991

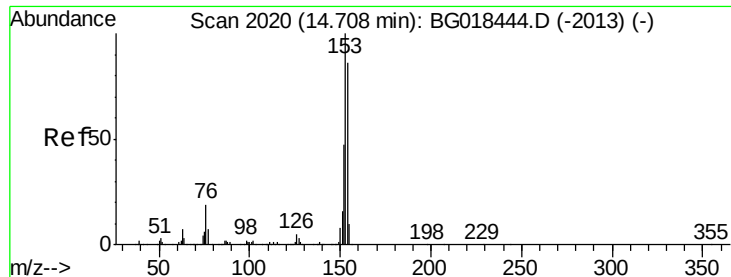
Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 16.1  | 9.4   | 14.0# |
| 92      | 132.4 | 102.8 | 154.2 |





#50

Acenaphthene

Concen: 2.41 ng/ul

RT: 14.71 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

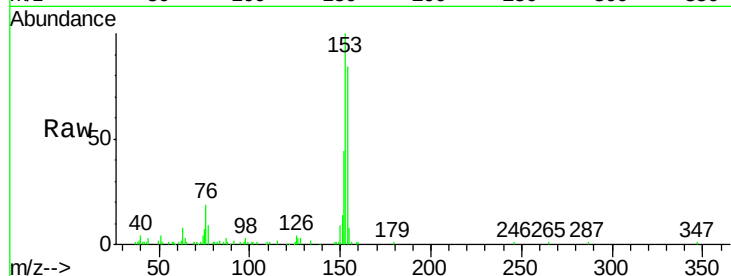
ClientSampleId :

MDL-01-S

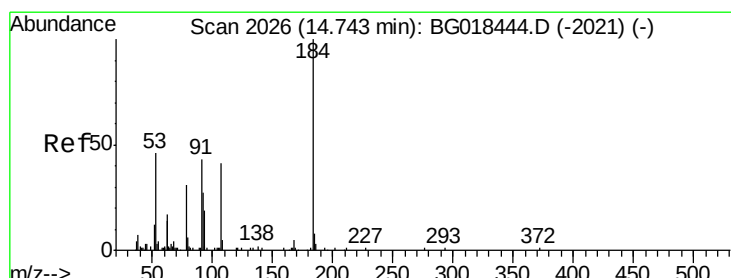
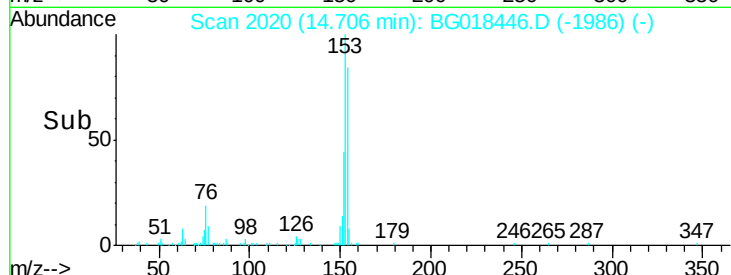
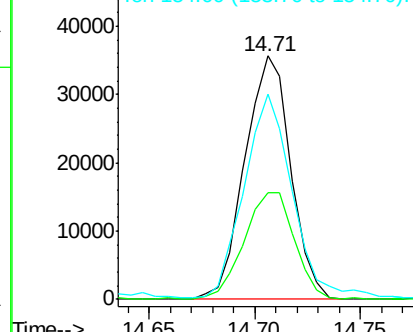
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 153   | Resp: | 53572 |
| Ion Ratio | Lower | Upper |       |
| 153       | 100   |       |       |
| 152       | 43.6  | 38.2  | 57.4  |
| 154       | 84.1  | 68.6  | 103.0 |

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



#51

2,4-Dinitrophenol

Concen: 1.73 ng/ul

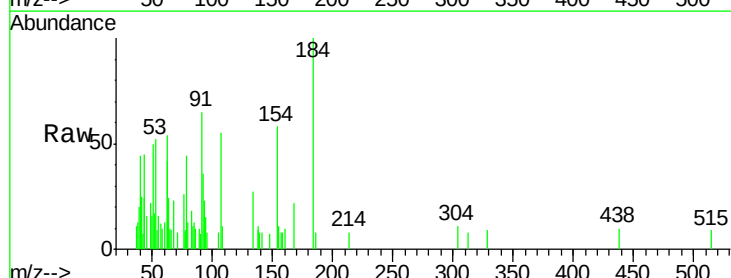
RT: 14.74 min Scan# 2026

Delta R.T. -0.00 min

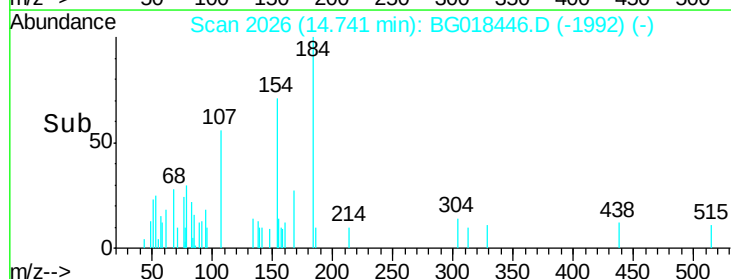
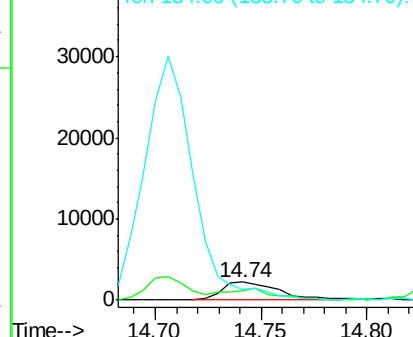
Lab File: BG018446.D

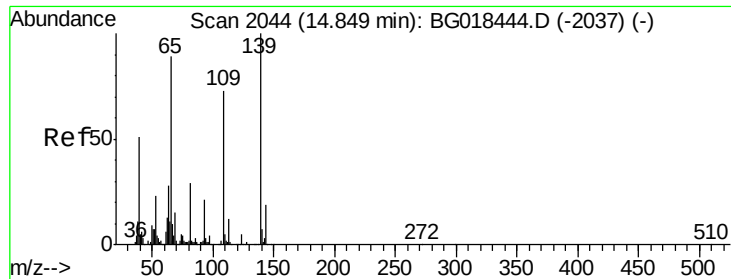
Acq: 17 Aug 2015 10:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 4160  |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 63        | 53.8  | 55.3  | 82.9# |
| 154       | 58.3  | 58.2  | 87.2  |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E





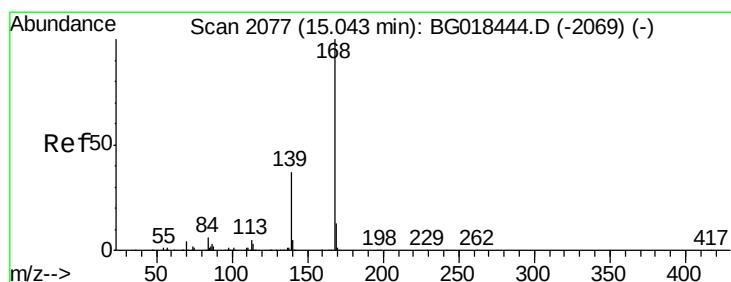
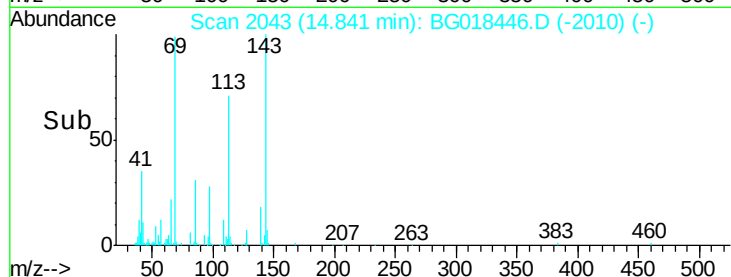
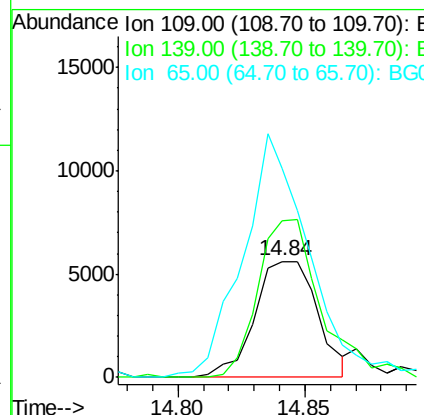
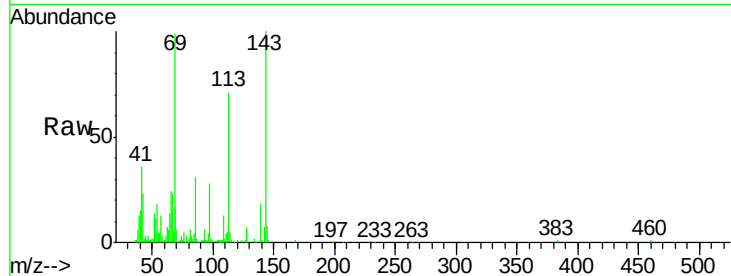
#53  
4-Nitrophenol  
Concen: 2.47 ng/ul  
RT: 14.84 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampled :  
MDL-01-S

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 109     | 100   | 9675  |       |       |
| 139     | 134.4 | 111.3 | 166.9 |       |
| 65      | 179.6 | 105.3 | 157.9 |       |

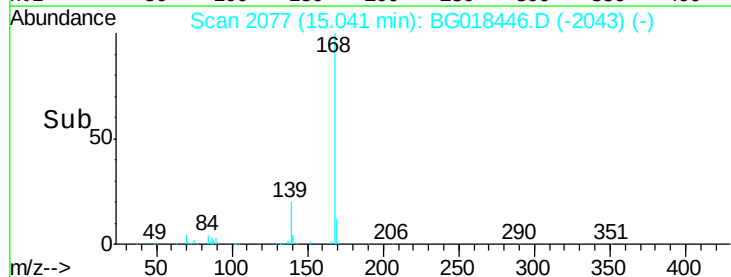
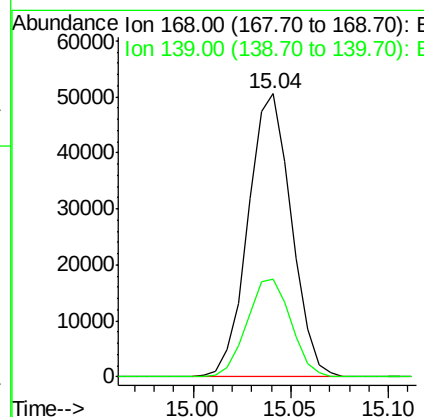
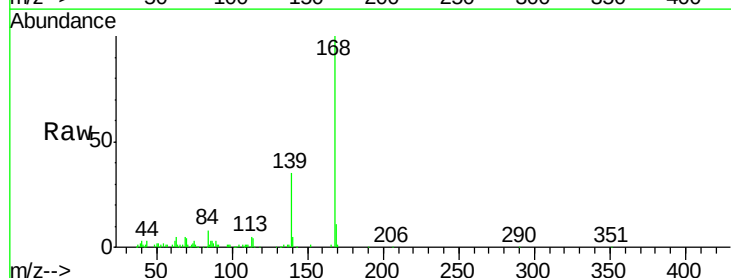
Manual Integrations  
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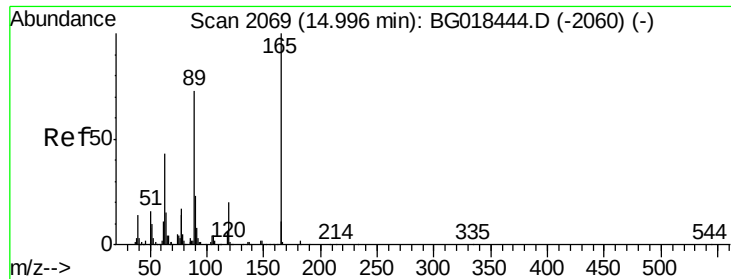
MMDadoda  
8/18/2015 5:20:39 PM



#54  
Dibenzofuran  
Concen: 2.67 ng/ul  
RT: 15.04 min Scan# 2077  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 168     | 100   | 77491 |       |       |
| 139     | 34.6  | 29.7  | 44.5  |       |





#55

2,4-Dinitrotoluene

Concen: 2.54 ng/ul

RT: 14.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

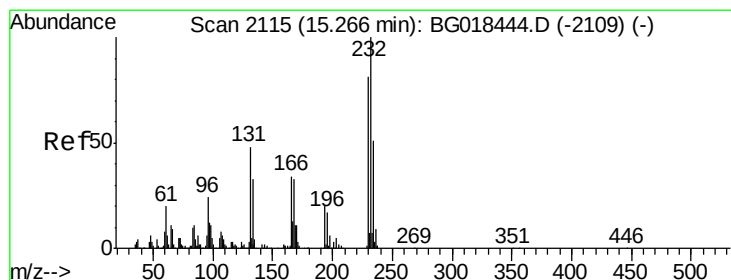
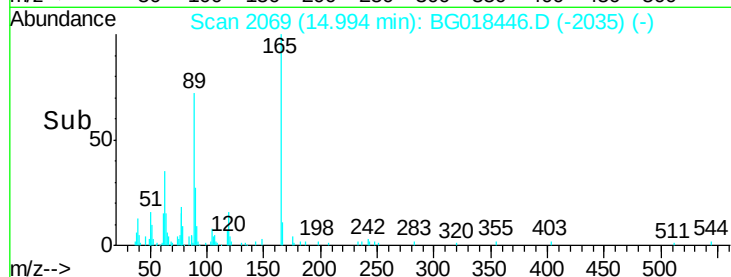
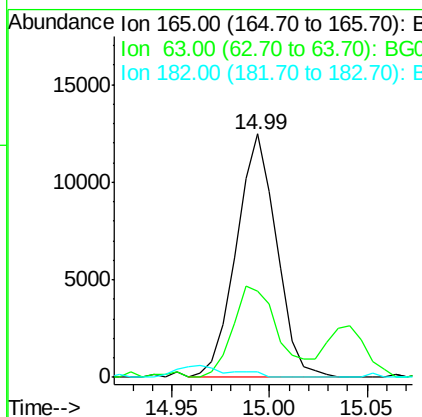
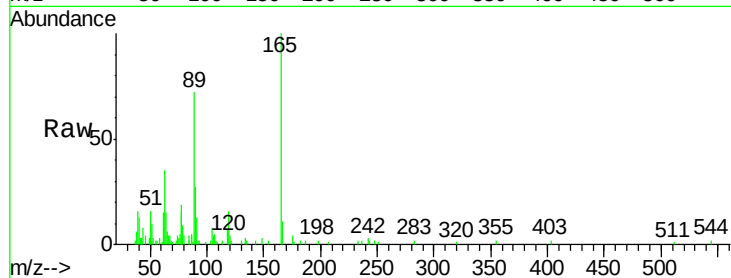
ClientSampleId :

MDL-01-S

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 17846 |       |       |
| 63      | 35.3  | 36.7  | 55.1# |       |
| 182     | 2.2   | 2.2   | 3.2   |       |

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#56

2,3,4,6-Tetrachlorophenol

Concen: 2.07 ng/ul

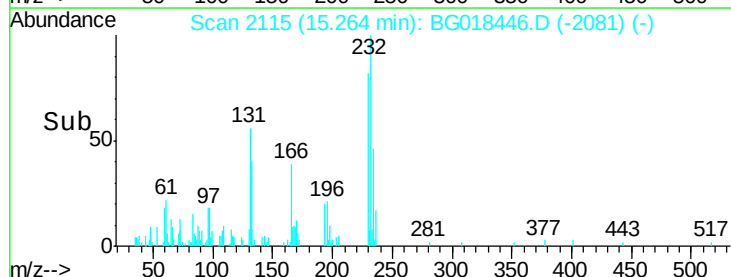
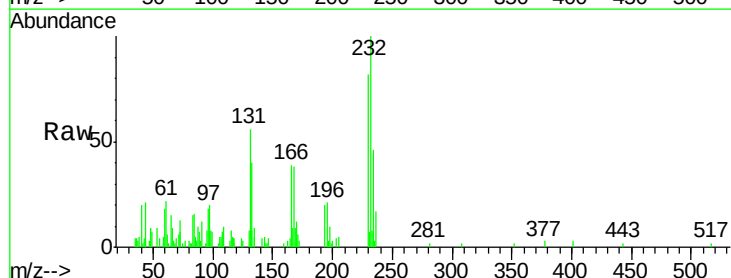
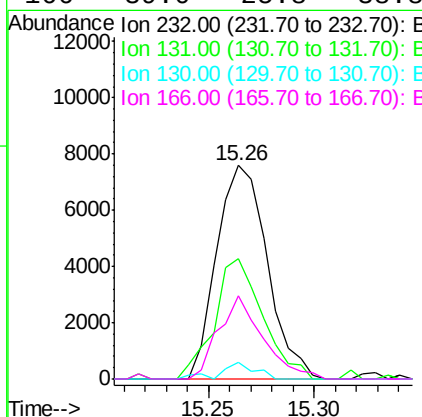
RT: 15.26 min Scan# 2115

Delta R.T. -0.00 min

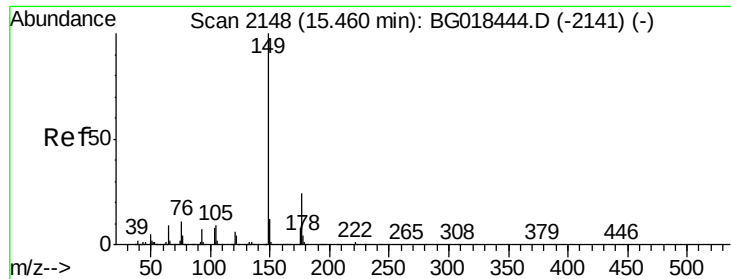
Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 12576 |       |       |
| 131     | 56.1  | 37.4  | 56.0# |       |
| 130     | 7.9   | 1.4   | 2.0#  |       |
| 166     | 39.0  | 25.8  | 38.8# |       |







#57

Diethylphthalate

Concen: 2.70 ng/ul

RT: 15.45 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

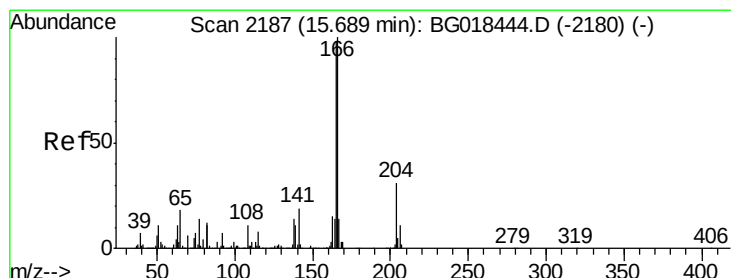
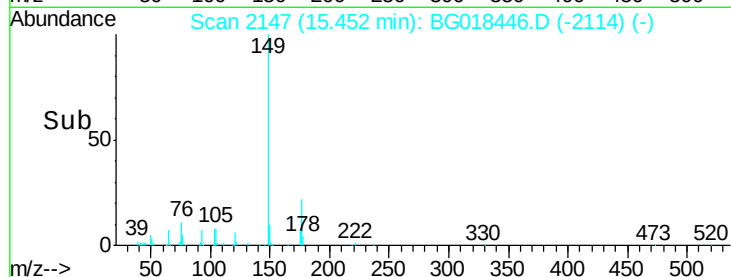
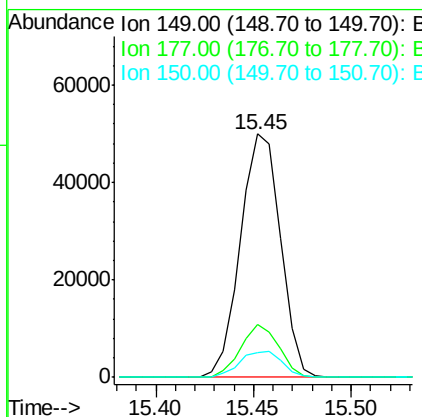
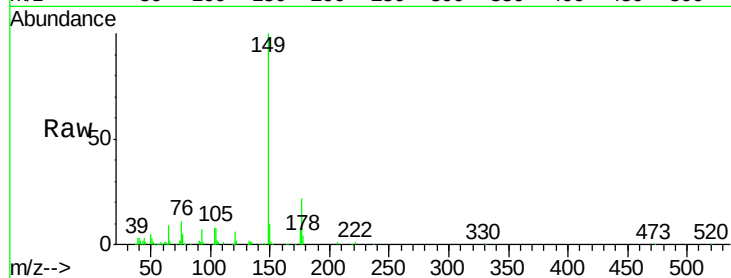
ClientSampleId :

MDL-01-S

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 70900 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 177       | 21.7  | 18.2  | 27.4  |
| 150       | 10.4  | 9.7   | 14.5  |

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#59

Fluorene

Concen: 2.63 ng/ul

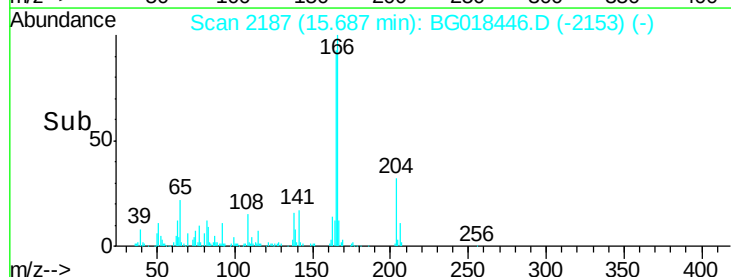
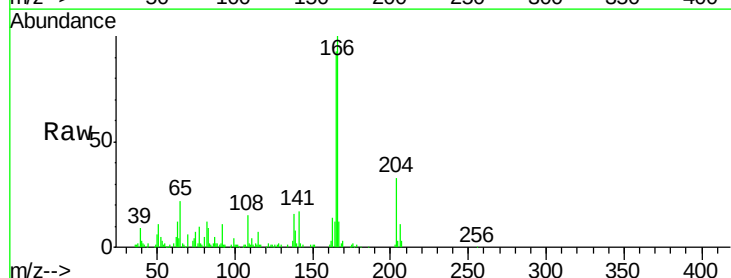
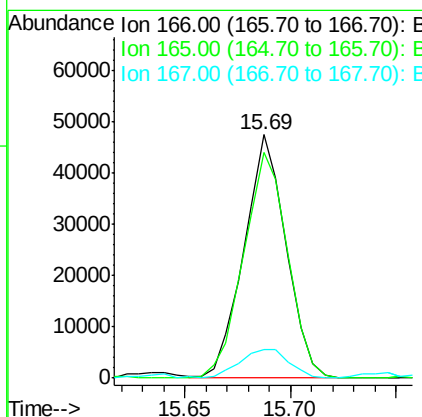
RT: 15.69 min Scan# 2187

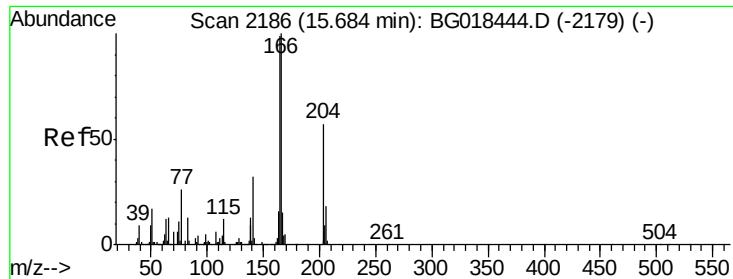
Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 65626 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 92.8  | 82.6  | 124.0 |
| 167       | 11.9  | 11.4  | 17.0  |





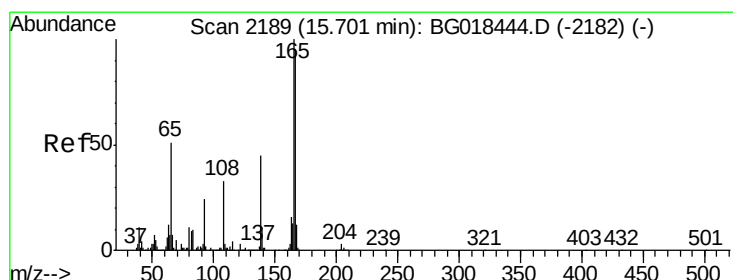
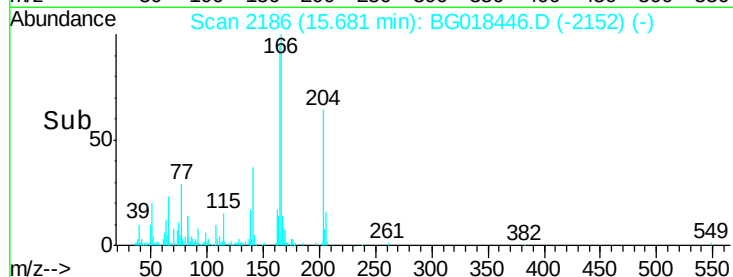
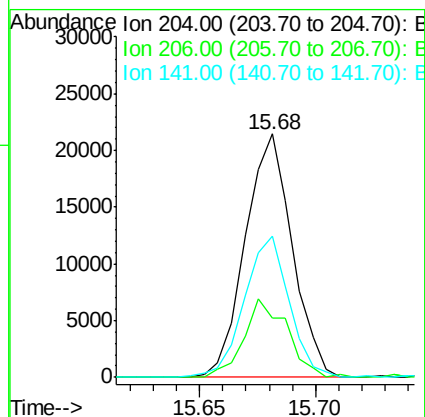
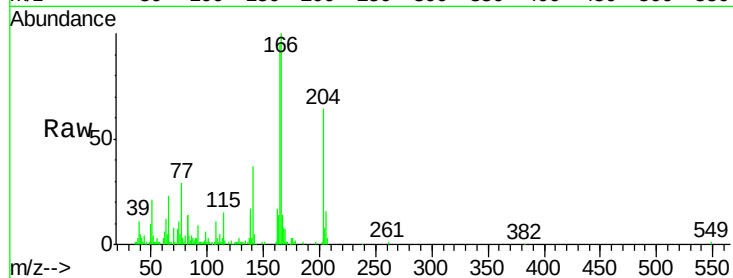
#60  
4-Chlorophenyl-phenylether  
Concen: 2.58 ng/ul  
RT: 15.68 min Scan# 2186  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 30423 |       |       |
| 206     | 24.4  | 27.1  | 40.7# |       |
| 141     | 58.2  | 47.1  | 70.7  |       |

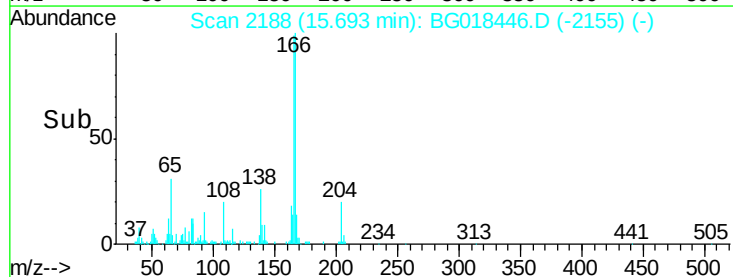
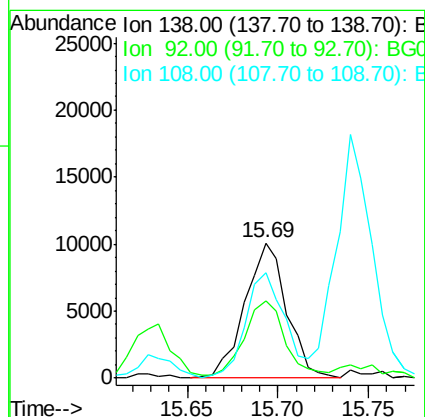
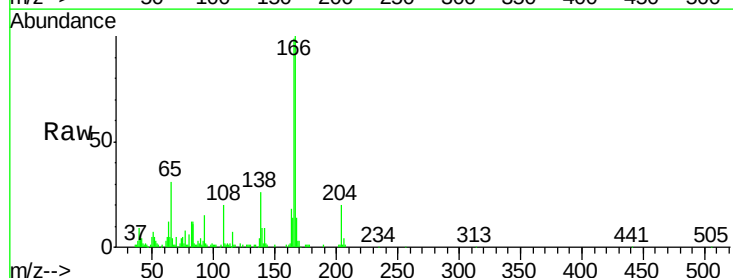
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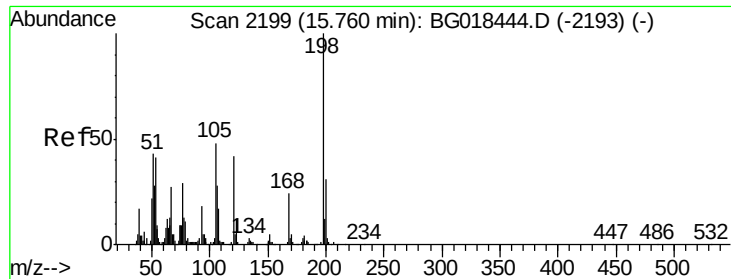
MMDadoda  
8/18/2015 5:20:39 PM



#61  
4-Nitroaniline  
Concen: 2.92 ng/ul  
RT: 15.69 min Scan# 2188  
Delta R.T. -0.01 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 16207 |       |       |
| 92      | 56.8  | 44.0  | 66.0  |       |
| 108     | 78.4  | 64.6  | 97.0  |       |





#64

4,6-Dinitro-2-methylphenol

Concen: 2.47 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

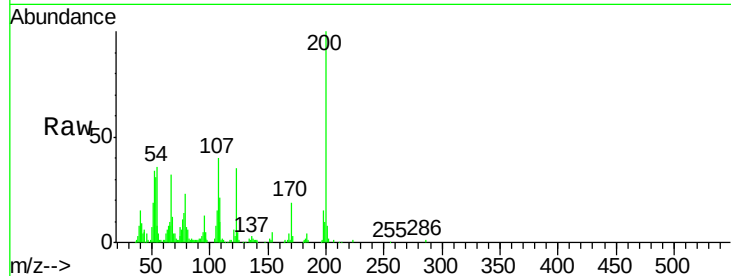
ClientSampled :

MDL-01-S

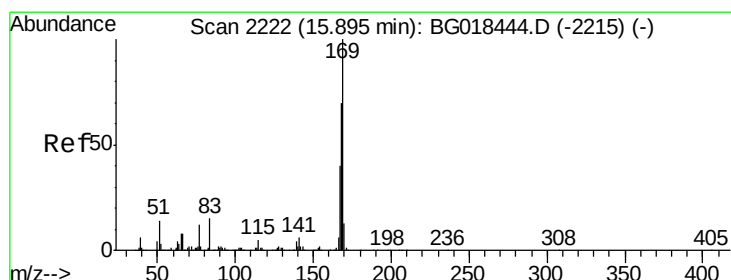
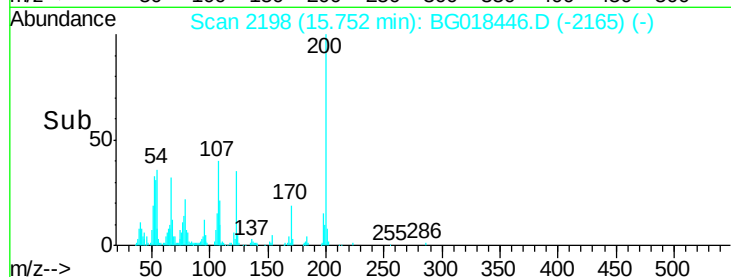
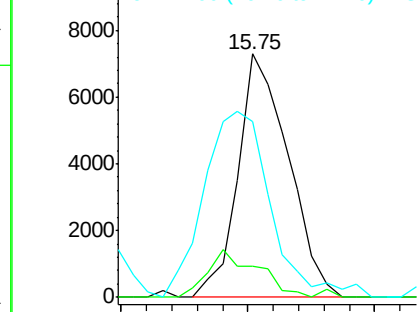
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 10079 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 182       | 12.8  | 3.4   | 5.0#  |
| 77        | 72.4  | 22.4  | 33.6# |

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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): B



#65

N-Nitrosodiphenylamine

Concen: 2.31 ng/ul

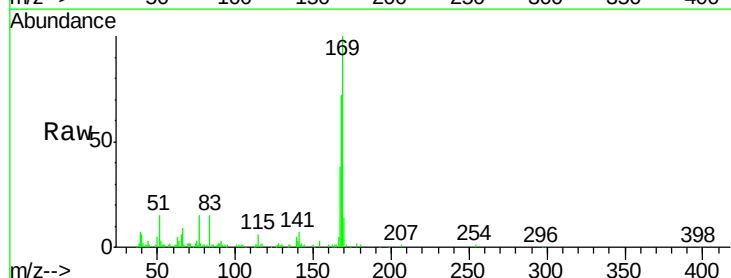
RT: 15.89 min Scan# 2221

Delta R.T. -0.01 min

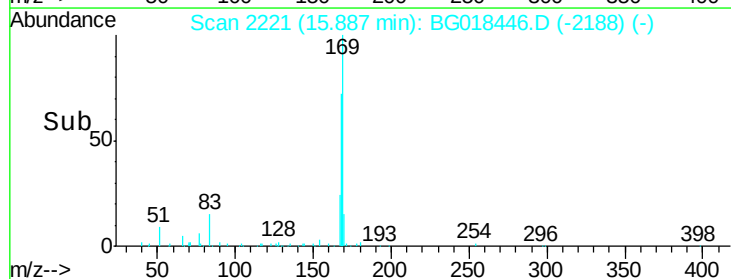
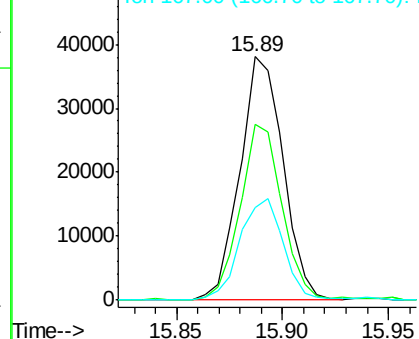
Lab File: BG018446.D

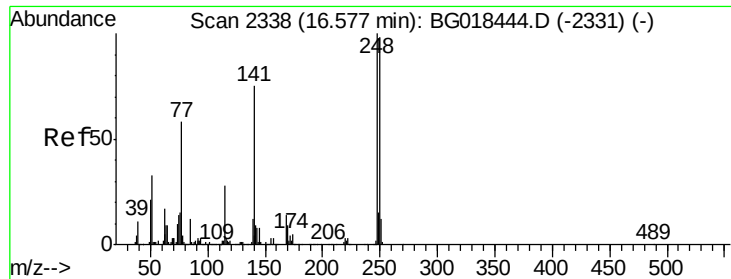
Acq: 17 Aug 2015 10:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 169   | Resp: | 53957 |
| Ion Ratio | Lower | Upper |       |
| 169       | 100   |       |       |
| 168       | 72.3  | 60.2  | 90.2  |
| 167       | 37.8  | 33.4  | 50.2  |



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.36 ng/ul

RT: 16.57 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

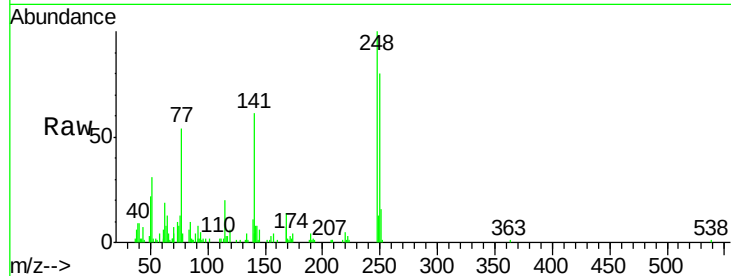
ClientSampleId :

MDL-01-S

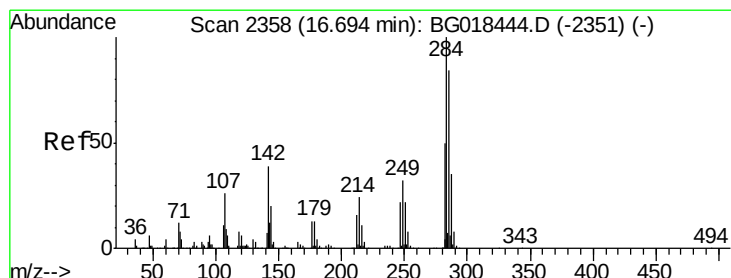
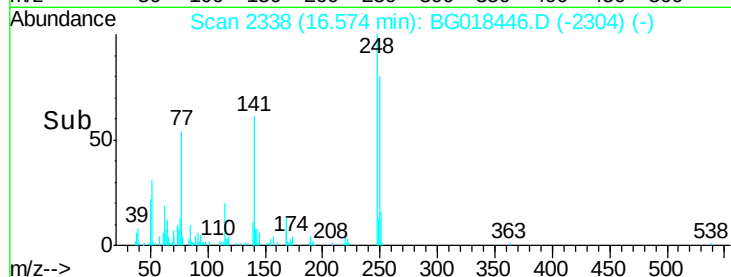
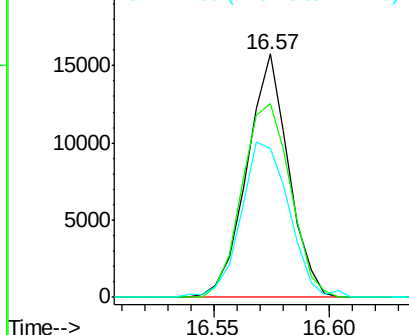
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 19822 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 79.5  | 76.4  | 114.6 |
| 141       | 61.0  | 58.6  | 87.8  |

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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: 2.33 ng/ul

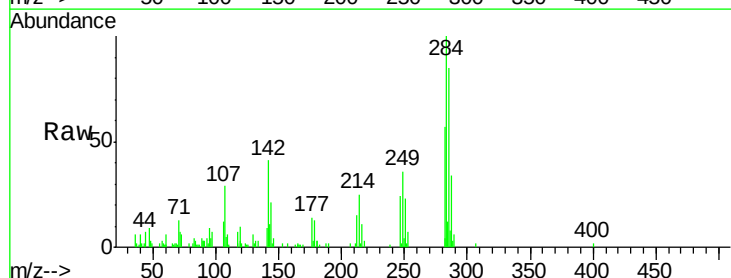
RT: 16.69 min Scan# 2358

Delta R.T. -0.00 min

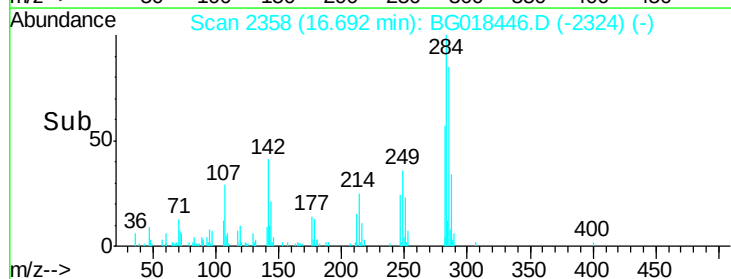
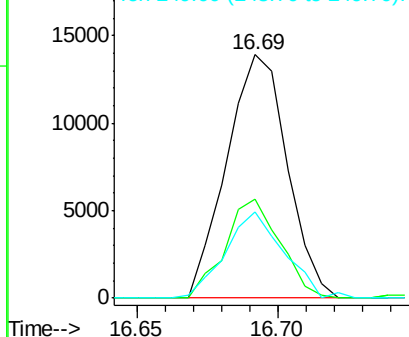
Lab File: BG018446.D

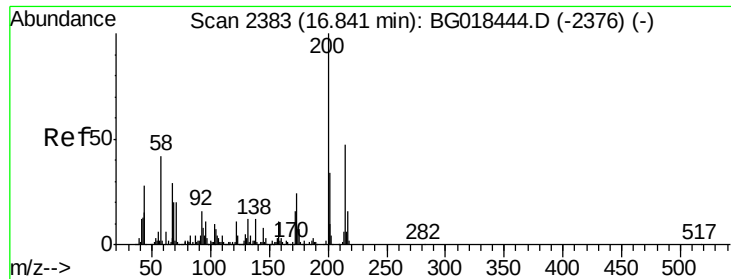
Acq: 17 Aug 2015 10:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 20682 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 36.5  | 28.6  | 42.8  |
| 249       | 31.9  | 26.2  | 39.4  |



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





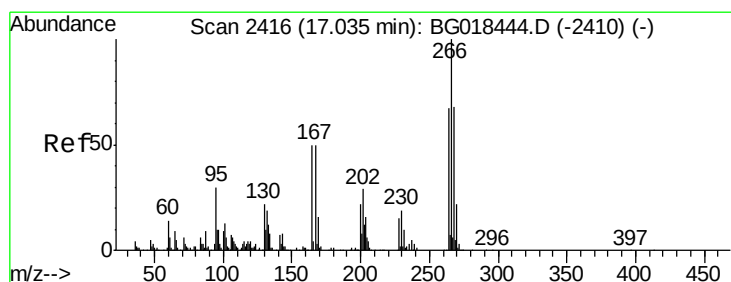
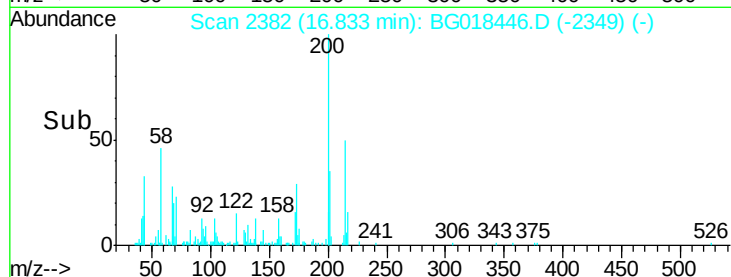
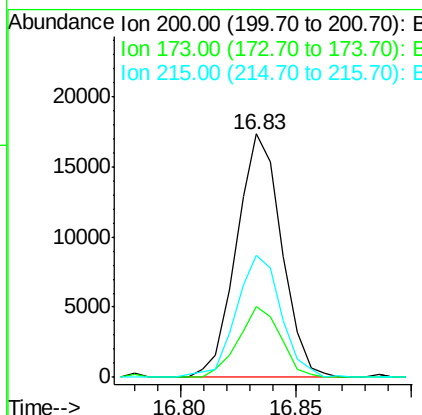
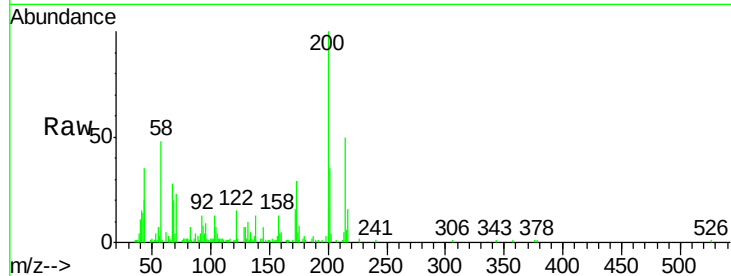
#68  
Atrazine  
Concen: 2.69 ng/ul  
RT: 16.83 min Scan# 2382  
Delta R.T. -0.01 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 29.2  | 19.0       | 28.4#      |
| 215     | 50.1  | 37.4       | 56.2       |

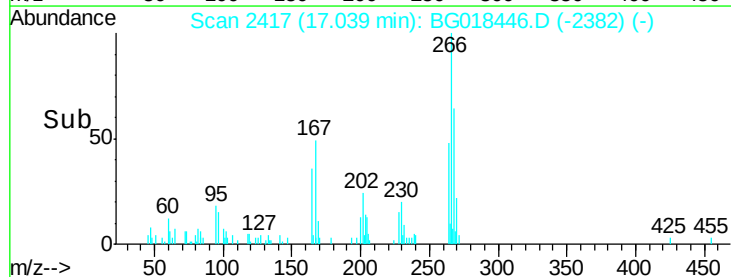
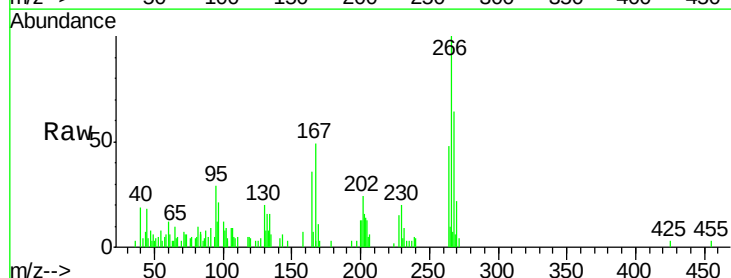
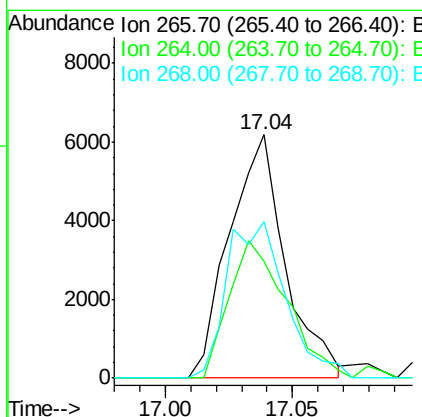
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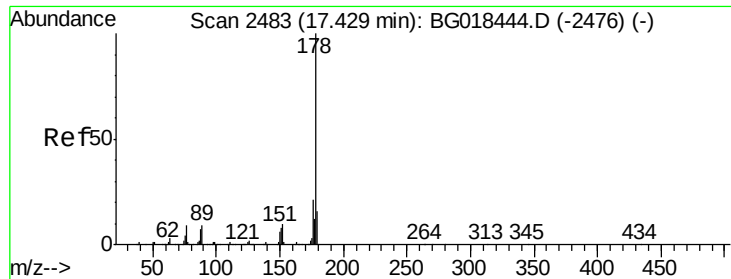
MMDadoda  
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#69  
Pentachlorophenol  
Concen: 1.60 ng/ul  
RT: 17.04 min Scan# 2417  
Delta R.T. 0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 264     | 58.1  | 55.4       | 83.0       |
| 268     | 70.1  | 53.6       | 80.4       |





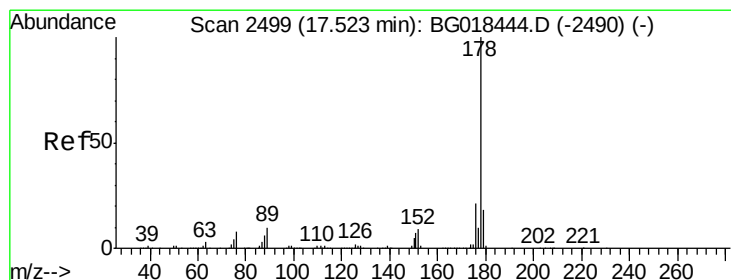
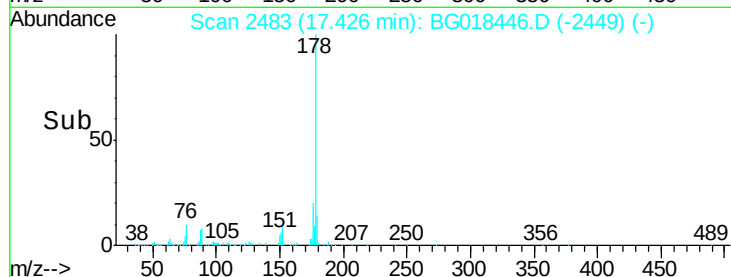
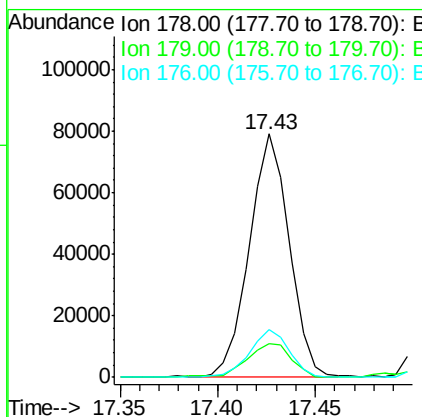
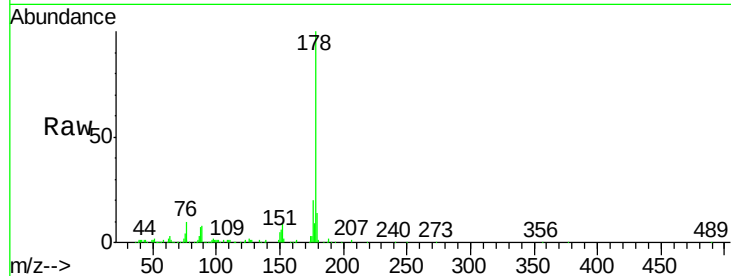
#70  
 Phenanthrene  
 Concen: 2.66 ng/ul  
 RT: 17.43 min Scan# 2483  
 Delta R.T. -0.00 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 13.8  | 13.7  | 20.5  |
| 176     | 19.6  | 16.6  | 24.8  |

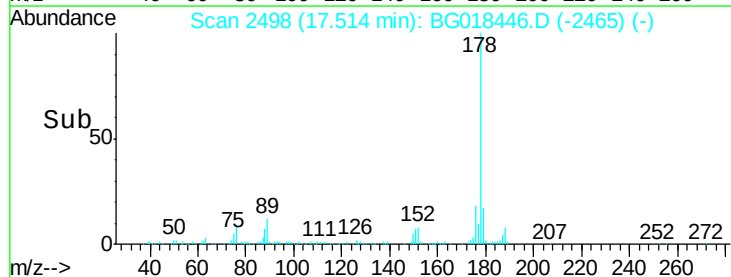
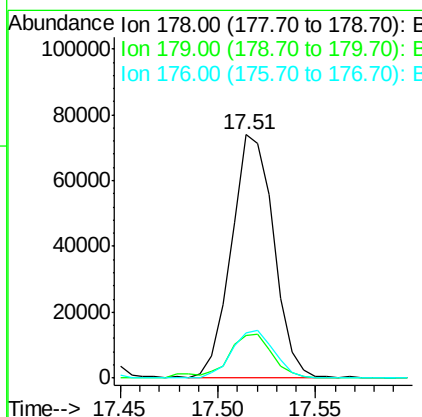
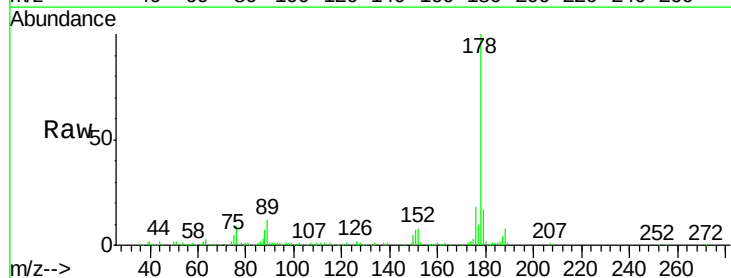
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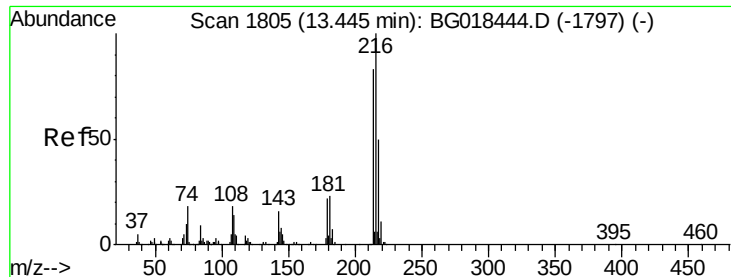
MMDadoda  
 8/18/2015 5:20:39 PM



#72  
 Anthracene  
 Concen: 2.58 ng/ul  
 RT: 17.51 min Scan# 2498  
 Delta R.T. -0.01 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 17.3  | 13.0  | 19.4  |
| 176     | 18.3  | 16.0  | 24.0  |





#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.93 ng/uL

RT: 13.45 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

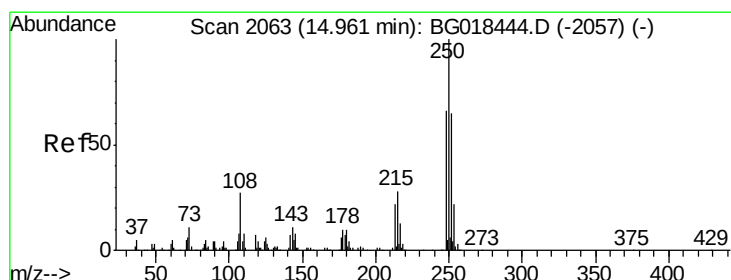
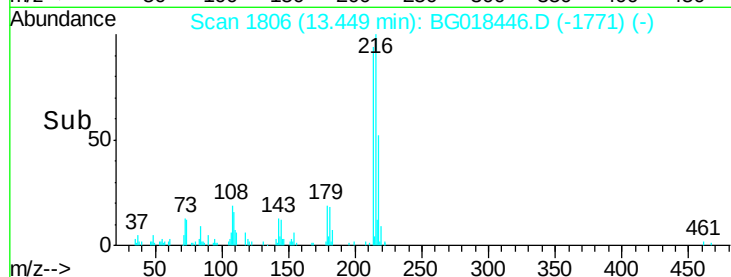
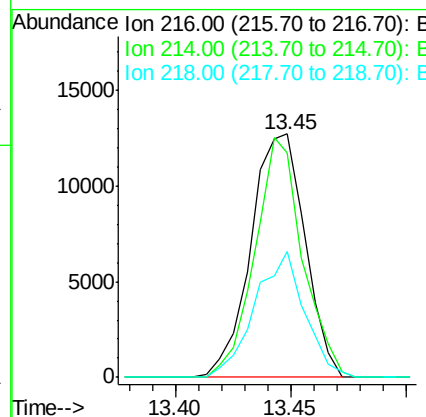
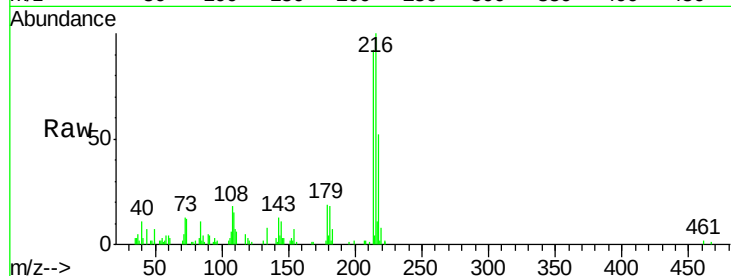
ClientSampleId :

MDL-01-S

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 216  | Resp: | 20731 |
| Ion Ratio |      | Lower | Upper |
| 216       | 100  |       |       |
| 214       | 92.4 | 64.0  | 96.0  |
| 218       | 51.7 | 38.7  | 58.1  |

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#74

Pentachlorobenzene

Concen: 2.13 ng/uL

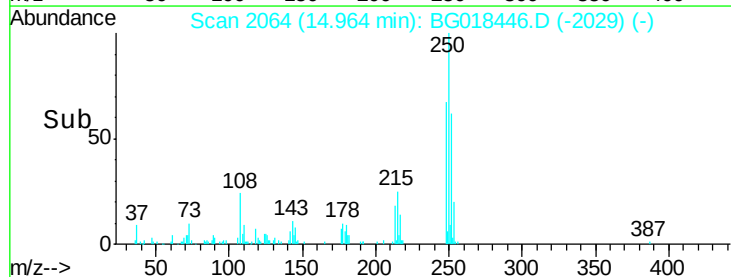
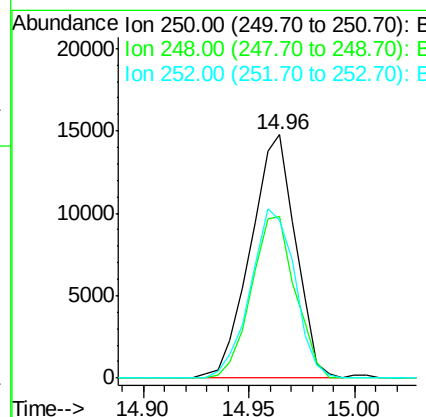
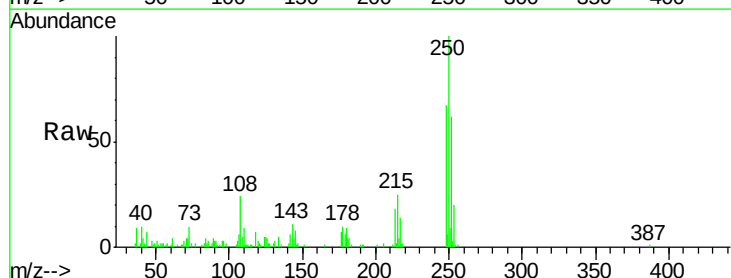
RT: 14.96 min Scan# 2064

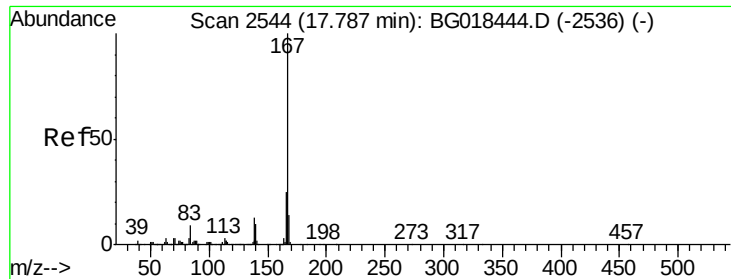
Delta R.T. 0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 250  | Resp: | 21826 |
| Ion Ratio |      | Lower | Upper |
| 250       | 100  |       |       |
| 248       | 66.5 | 45.8  | 68.8  |
| 252       | 59.1 | 50.4  | 75.6  |





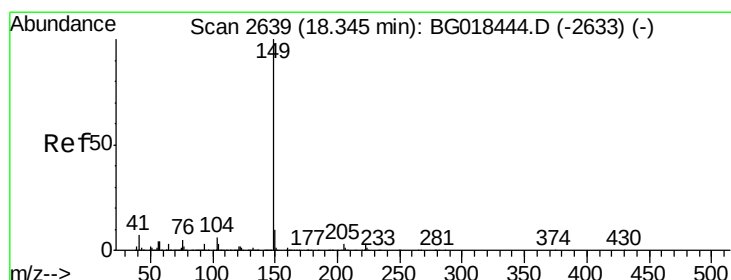
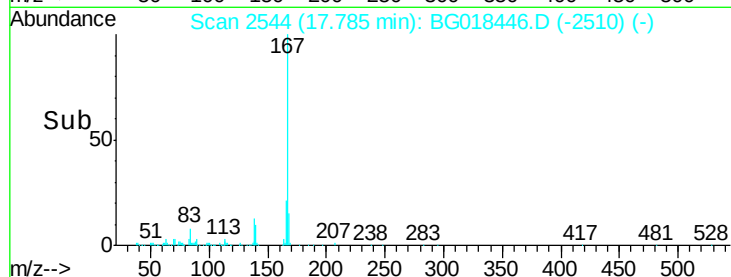
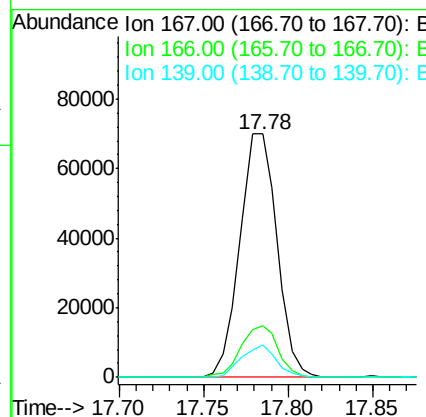
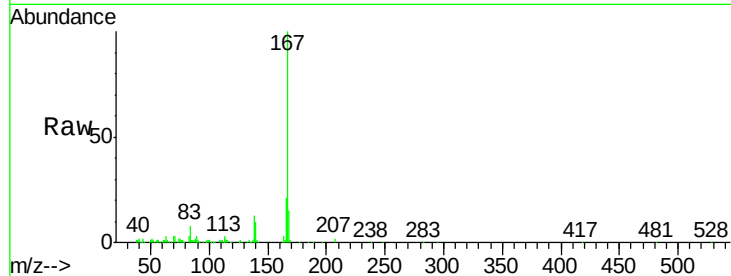
#75  
 Carbazole  
 Concen: 2.86 ng/ul  
 RT: 17.78 min Scan# 2544  
 Delta R.T. -0.00 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 18.9  | 28.3  |
| 139     | 13.2  | 10.1  | 15.1  |

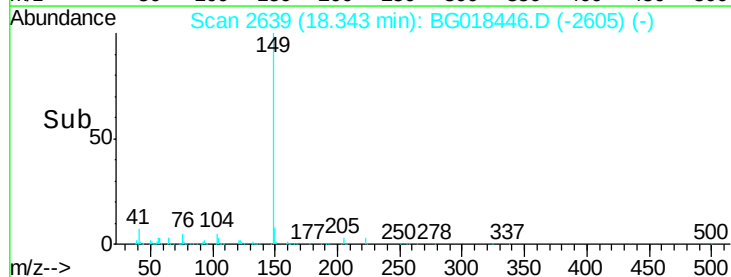
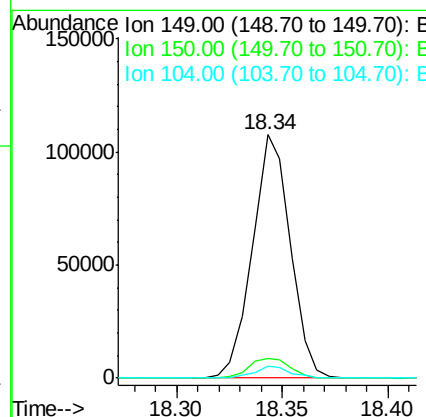
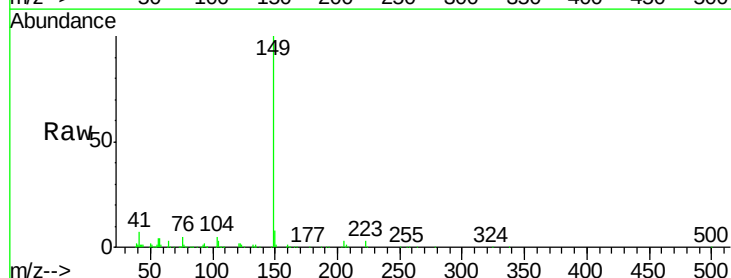
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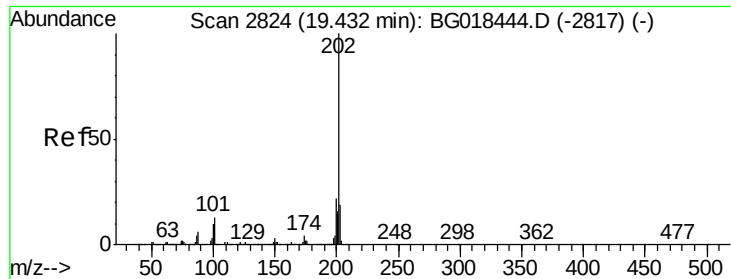


#76  
 Di-n-butylphthalate  
 Concen: 2.73 ng/ul  
 RT: 18.34 min Scan# 2639  
 Delta R.T. -0.00 min  
 Lab File: BG018446.D  
 Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.3   | 7.5   | 11.3  |
| 104     | 4.8   | 4.3   | 6.5   |







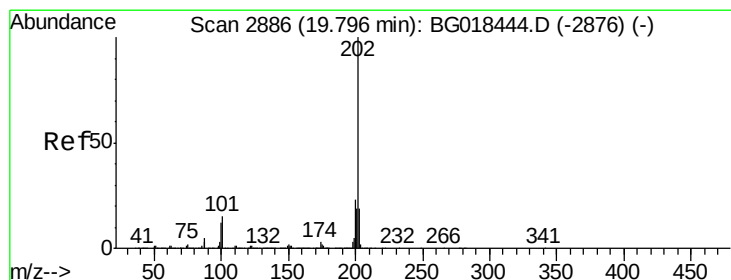
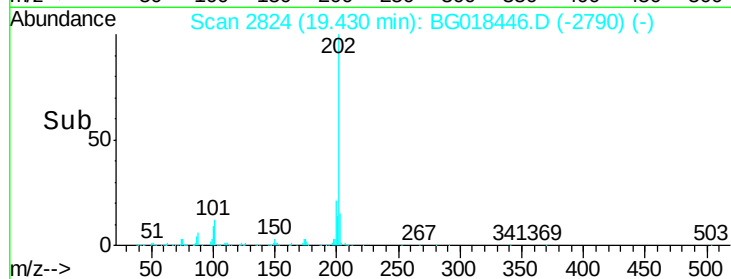
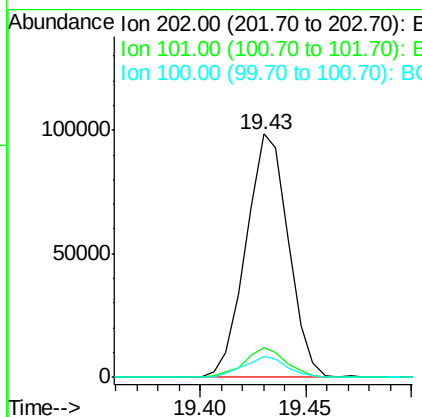
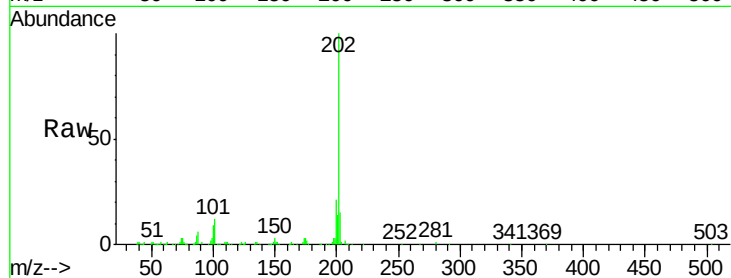
#77  
Fluoranthene  
Concen: 3.05 ng/ul  
RT: 19.43 min Scan# 2824  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 12.3  | 9.7        | 14.5       |
| 100     | 8.7   | 7.8        | 11.8       |

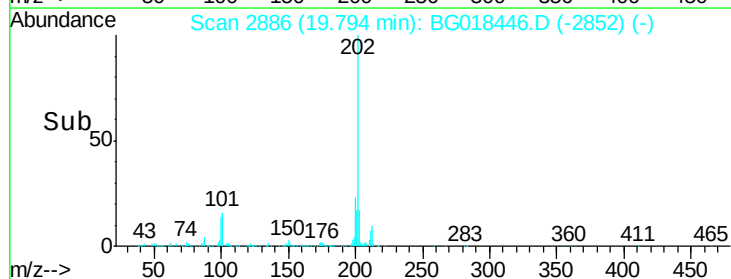
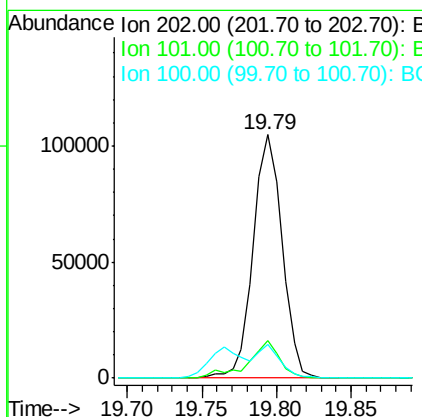
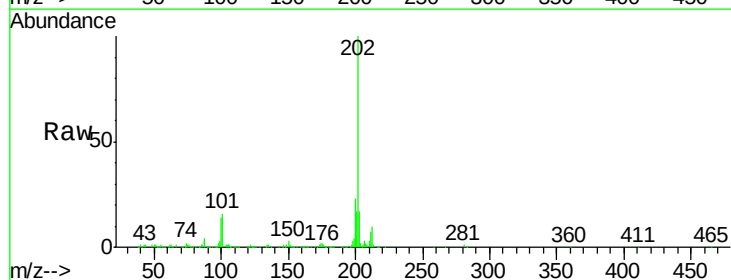
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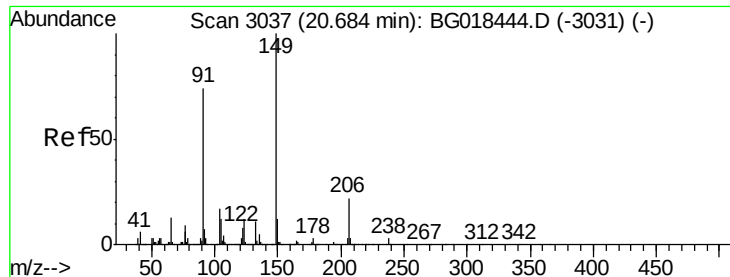
MMDadoda  
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#80  
Pyrene  
Concen: 2.63 ng/ul  
RT: 19.79 min Scan# 2886  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 15.6  | 11.0       | 16.4       |
| 100     | 14.0  | 9.8        | 14.6       |





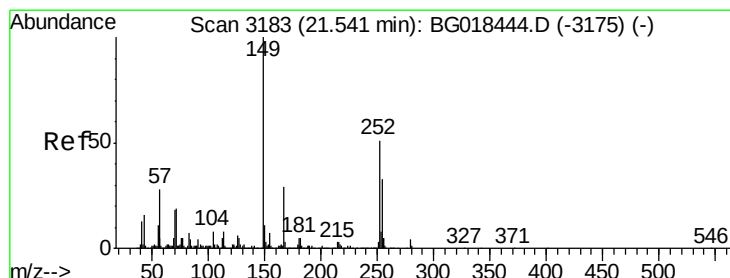
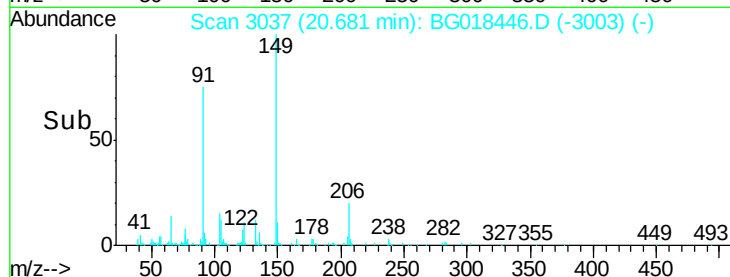
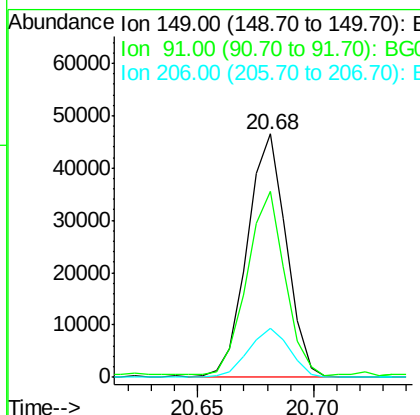
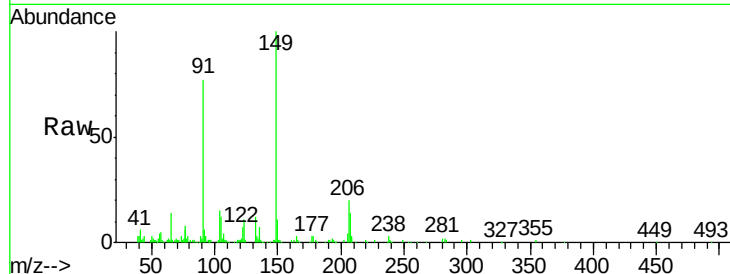
#81  
Butylbenzylphthalate  
Concen: 2.42 ng/ul  
RT: 20.68 min Scan# 3037  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 76.6  | 57.9       | 86.9       |
| 206     | 20.4  | 17.9       | 26.9       |

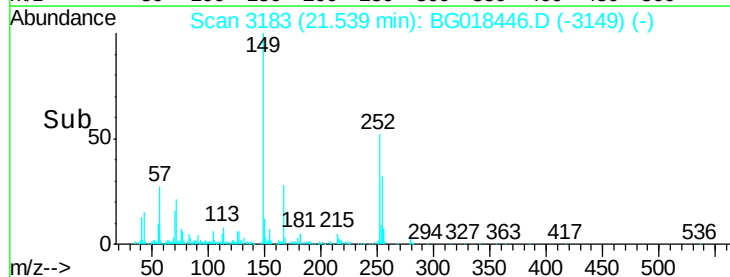
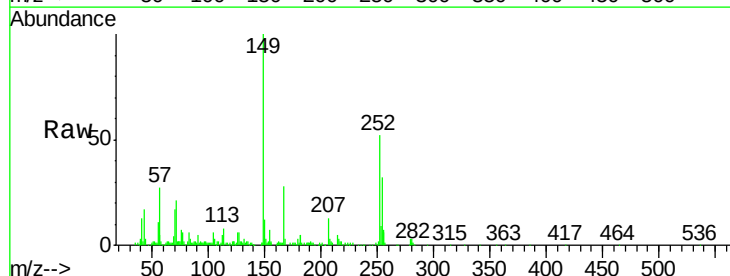
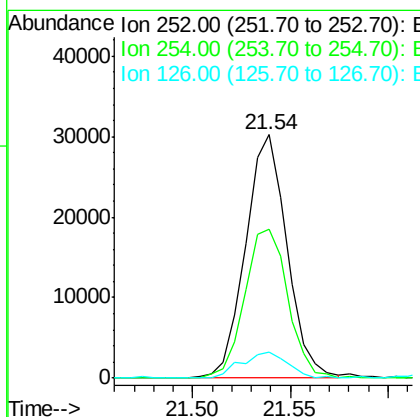
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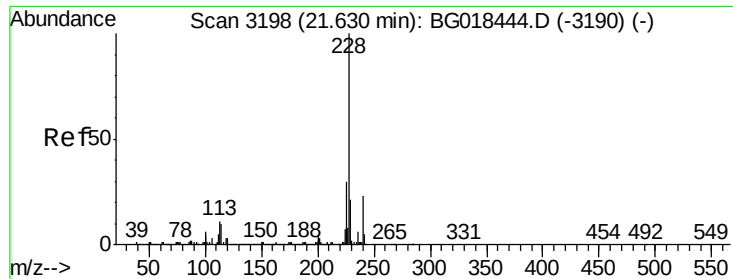
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#82  
3,3'-Dichlorobenzidine  
Concen: 2.70 ng/ul  
RT: 21.54 min Scan# 3183  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 61.0  | 50.9       | 76.3       |
| 126     | 10.9  | 9.6        | 14.4       |





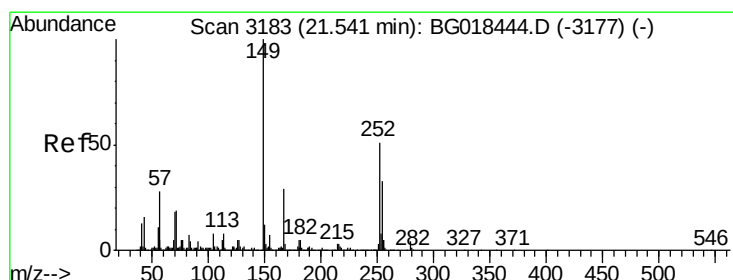
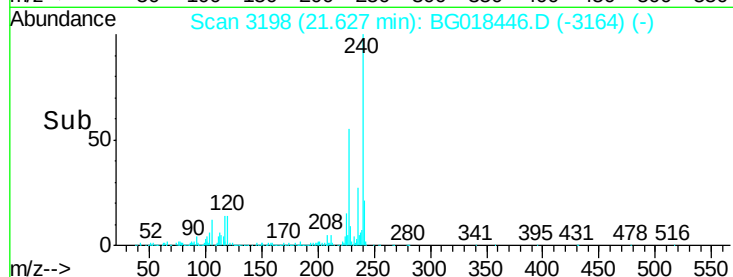
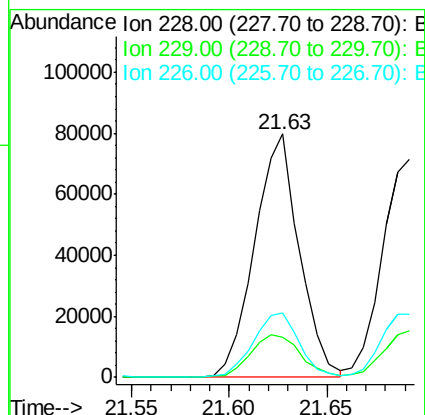
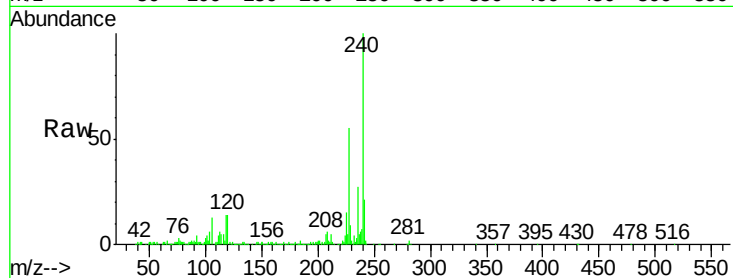
#83  
Benzo(a)anthracene  
Concen: 2.56 ng/ul  
RT: 21.63 min Scan# 3198  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 16.6  | 15.5  | 23.3  |
| 226     | 26.5  | 22.1  | 33.1  |

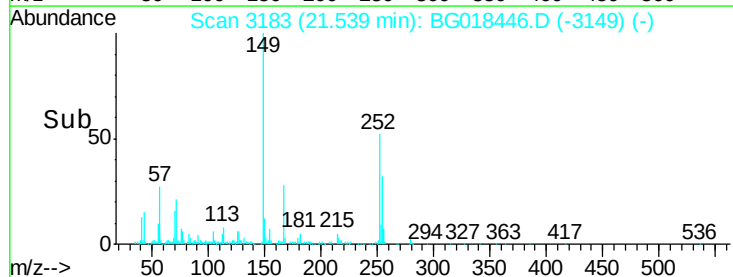
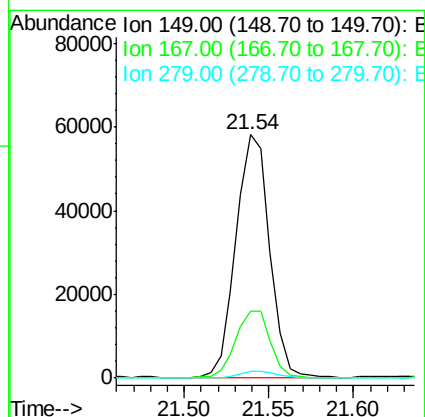
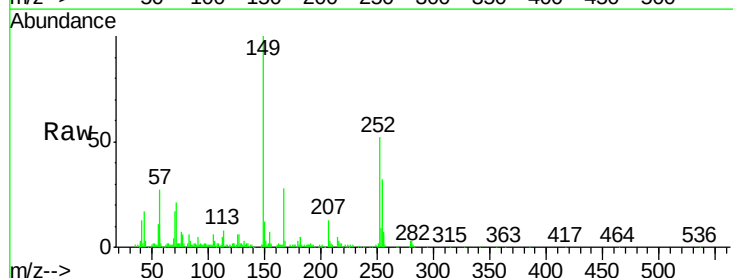
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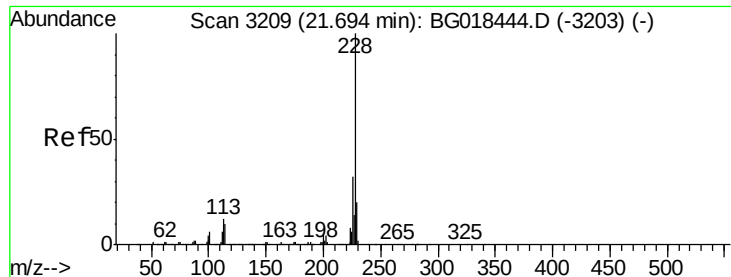
MMDadoda  
8/18/2015 5:20:39 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.53 ng/ul  
RT: 21.54 min Scan# 3183  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.8  | 22.2  | 33.2  |
| 279     | 2.9   | 2.8   | 4.2   |





#85

Chrysene

Concen: 2.53 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

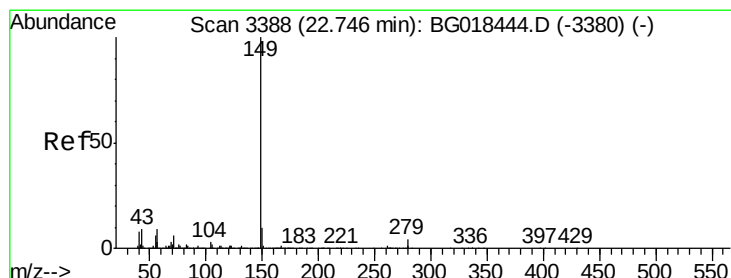
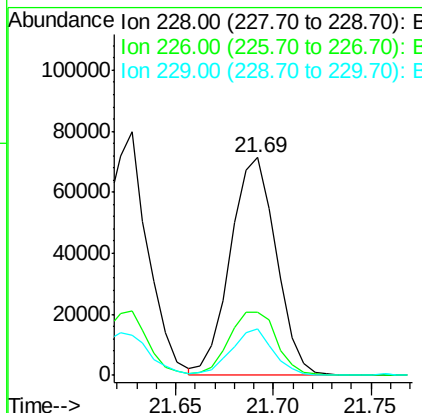
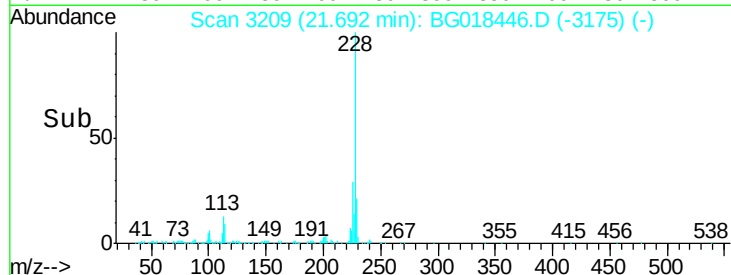
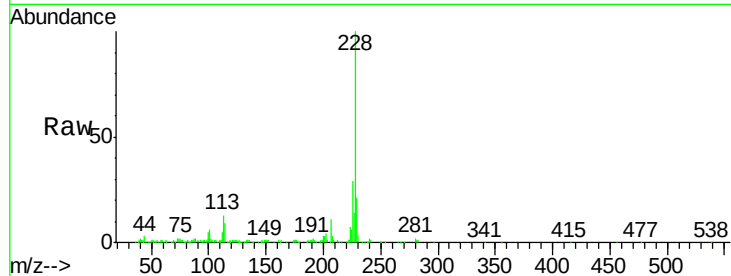
ClientSampleId :

MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.2  | 26.5  | 39.7  |
| 229     | 21.5  | 16.9  | 25.3  |

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#87

Di-n-octyl phthalate

Concen: 2.72 ng/ul

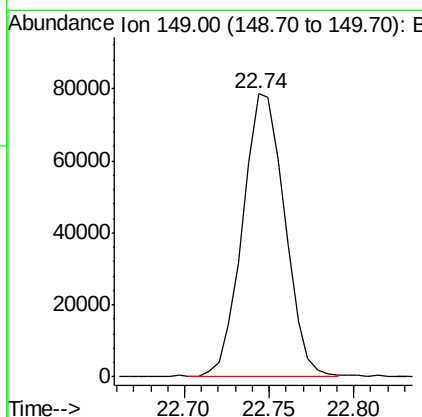
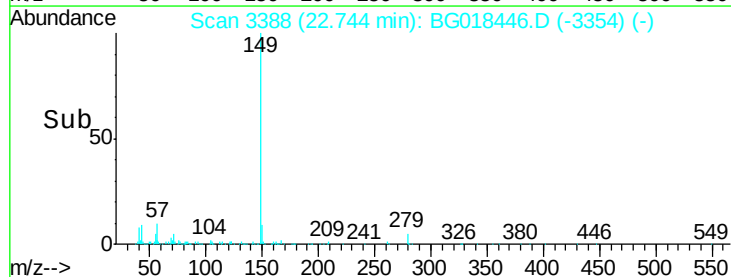
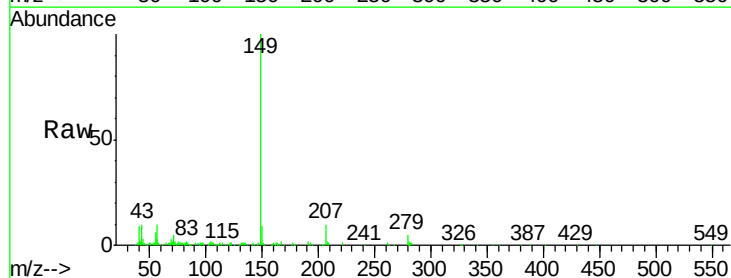
RT: 22.74 min Scan# 3388

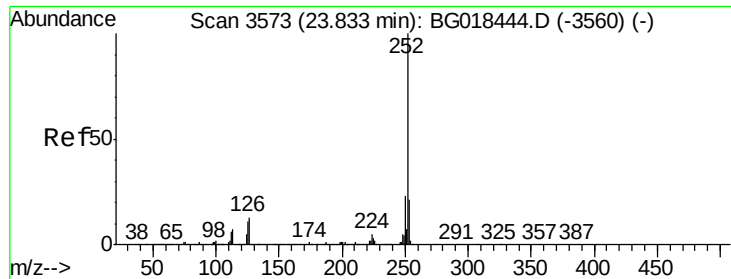
Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Tgt Ion:149 Resp: 135945





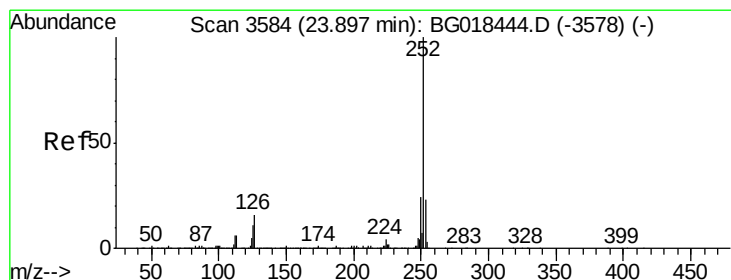
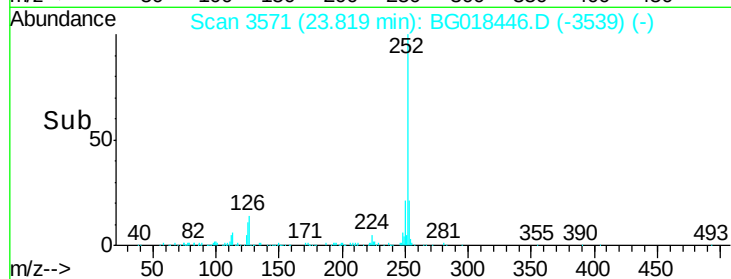
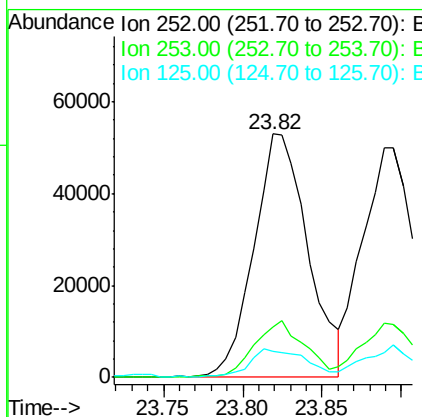
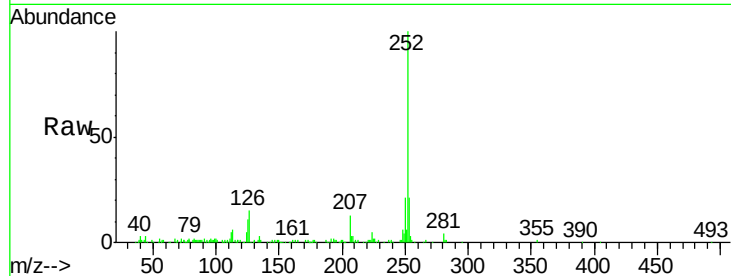
#88  
Benzo(b)fluoranthene  
Concen: 2.58 ng/ul  
RT: 23.82 min Scan# 3571  
Delta R.T. -0.01 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 20.6  | 18.1       | 27.1       |
| 125     | 10.7  | 8.3        | 12.5       |

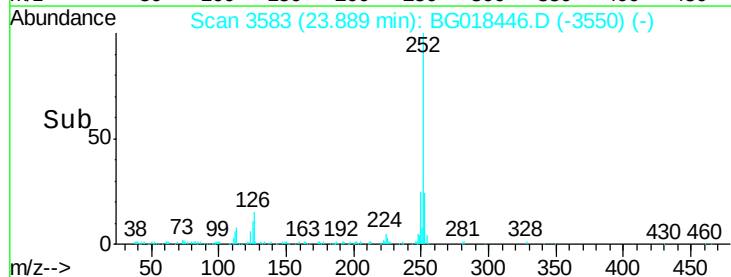
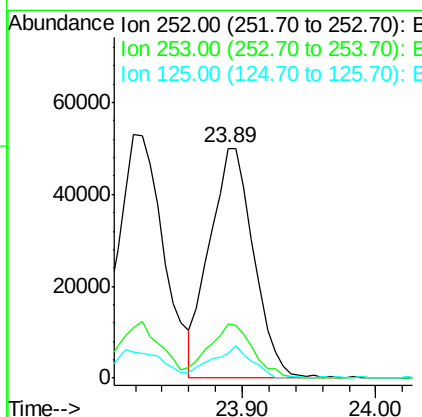
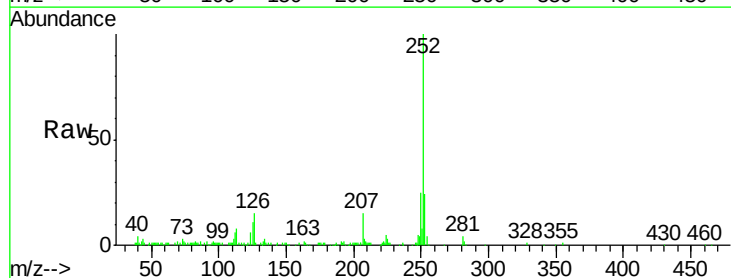
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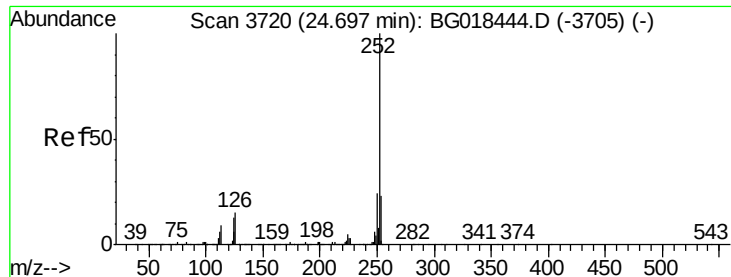
MMDadoda  
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#89  
Benzo(k)fluoranthene  
Concen: 2.46 ng/ul  
RT: 23.89 min Scan# 3583  
Delta R.T. -0.01 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 23.8  | 17.8       | 26.6       |
| 125     | 10.6  | 9.0        | 13.4       |





#91

Benzo(a)pyrene

Concen: 2.51 ng/ul

RT: 24.69 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG018446.D

Acq: 17 Aug 2015 10:25

Instrument :

BNA\_G

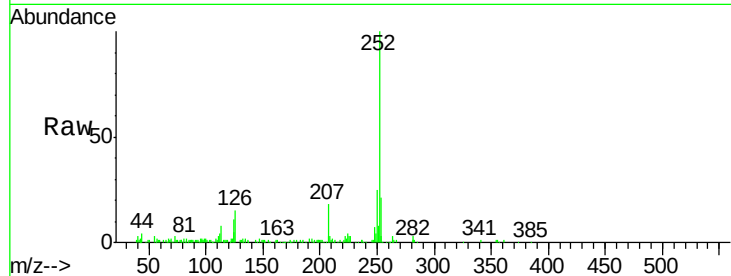
ClientSampleId :

MDL-01-S

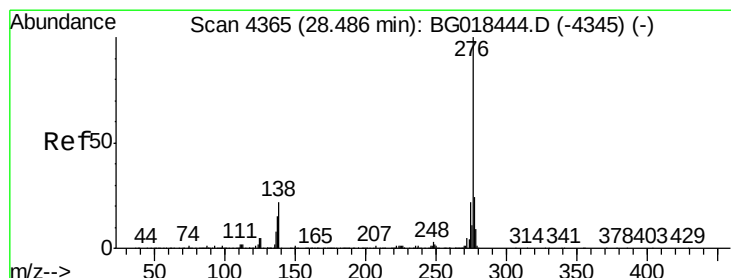
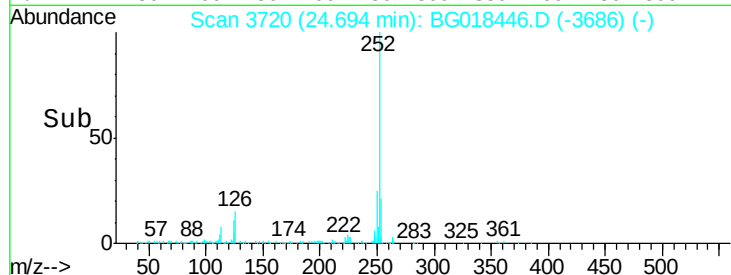
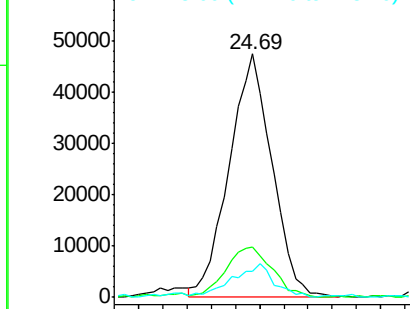
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 116122 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 20.9 | 17.7  | 26.5   |
| 125       | 10.7 | 10.2  | 15.2   |

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.45 ng/ul m

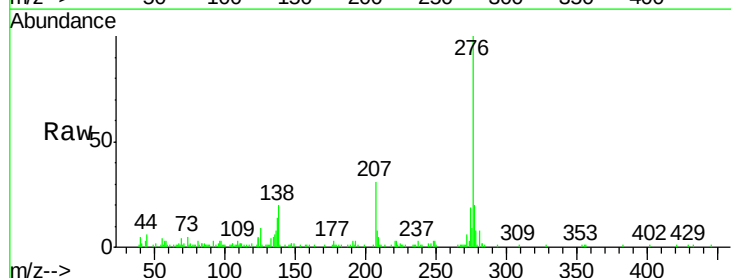
RT: 28.47 min Scan# 4362

Delta R.T. -0.02 min

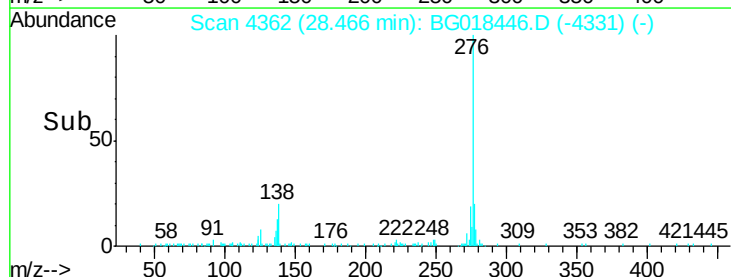
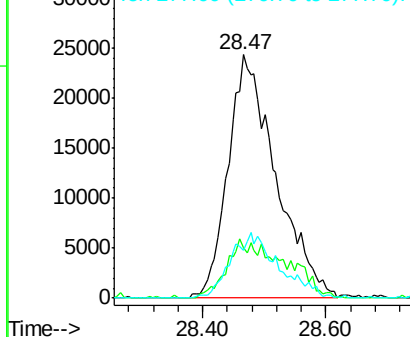
Lab File: BG018446.D

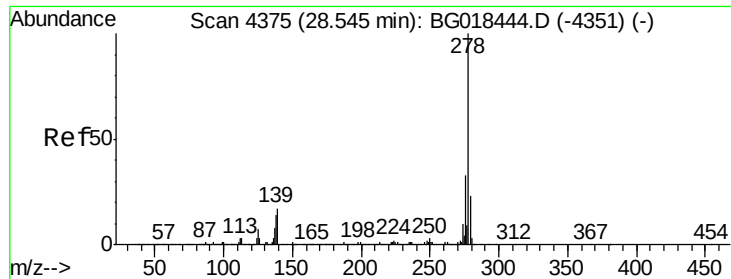
Acq: 17 Aug 2015 10:25

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 131083 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 138       | 20.5 | 15.8  | 23.6   |
| 277       | 19.5 | 18.9  | 28.3   |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





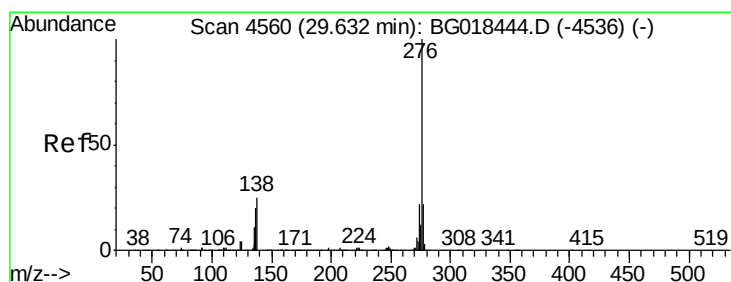
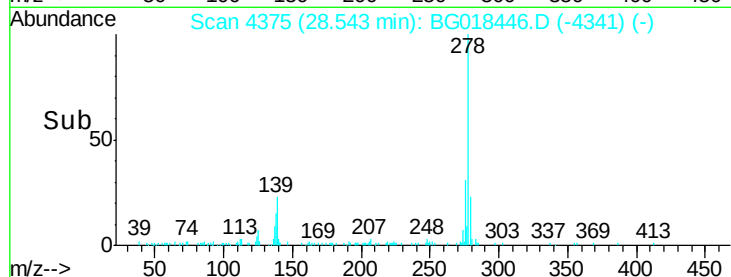
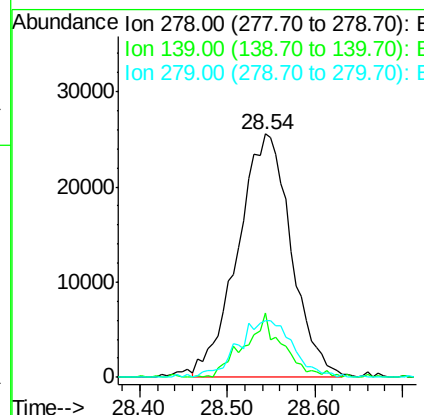
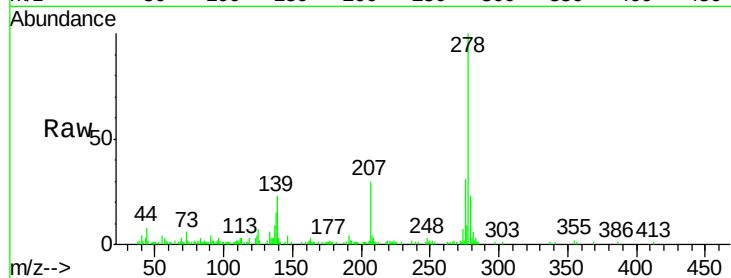
#93  
Dibenzo(a,h)anthracene  
Concen: 2.40 ng/ul  
RT: 28.54 min Scan# 4375  
Delta R.T. -0.00 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-01-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 26.4  | 13.8  | 20.6# |
| 279     | 23.1  | 17.8  | 26.8  |

Manual Integrations  
APPROVED

MMDadoda  
8/18/2015 5:20:39 PM



#94  
Benzo(g,h,i)perylene  
Concen: 2.41 ng/ul m  
RT: 29.61 min Scan# 4556  
Delta R.T. -0.03 min  
Lab File: BG018446.D  
Acq: 17 Aug 2015 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.6  | 16.5  | 24.7  |
| 277     | 16.6  | 19.0  | 28.6# |

