

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG071515\  
 Data File : BG017905.D  
 Acq On : 16 Jul 2015 4:50  
 Operator : TP/UM  
 Sample : MDL-03-S-ML  
 Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

Manual Integrations  
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apatel  
 7/16/2015 4:38:12 PM

Quant Time: Jul 16 07:18:40 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG071415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 16 03:39:16 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 91571    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 416930   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.24 | 164  | 251251   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.00 | 188  | 516550   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 533535   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.41 | 264  | 504721   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 11826  | 4.62  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 212351 | 26.88 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 128632 | 23.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 183656 | 29.94 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 176066 | 29.08 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 92008  | 28.28 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 83324  | 34.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 157194 | 31.37 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 261454 | 36.24 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 550808 | 31.44 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.93 | 160 | 694751 | 30.52 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 94057  | 28.45 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.24 | 176 | 500219 | 30.70 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 48985  | 20.27 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.10 | 188 | 750116 | 32.04 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.40 | 212 | 820277 | 32.65 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 760733 | 30.75 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |      |        | Qvalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 2) 1,4-Dioxane                 | 3.15  | 88  | 2992   | 1.09 | ng/uL# | 91     |
| 4) Benzaldehyde                | 6.74  | 77  | 31709  | 6.86 | ng/ul  | 94     |
| 6) Phenol                      | 6.79  | 94  | 46280  | 5.34 | ng/ul  | 93     |
| 8) Bis(2-Chloroethyl)ether     | 7.02  | 93  | 39088  | 5.53 | ng/ul  | 88     |
| 10) 2-Chlorophenol             | 7.15  | 128 | 38458  | 6.21 | ng/ul# | 85     |
| 11) 2-Methylphenol             | 8.03  | 108 | 33155  | 5.27 | ng/ul  | 93     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.13  | 45  | 45712  | 4.45 | ng/ul# | 92     |
| 14) Acetophenone               | 8.40  | 105 | 56428  | 5.60 | ng/ul  | 86     |
| 15) N-Nitroso-di-n-propylamine | 8.39  | 70  | 30377  | 4.89 | ng/ul# | 88     |
| 16) 4-Methylphenol             | 8.35  | 108 | 38718  | 5.64 | ng/ul  | 94     |
| 17) Hexachloroethane           | 8.65  | 117 | 15133  | 5.12 | ng/ul# | 86     |
| 20) Nitrobenzene               | 8.78  | 77  | 42880  | 5.00 | ng/ul# | 85     |
| 21) Isophorone                 | 9.30  | 82  | 80947  | 5.04 | ng/ul# | 93     |
| 23) 2-Nitrophenol              | 9.49  | 139 | 19587  | 6.75 | ng/ul# | 75     |
| 24) 2,4-Dimethylphenol         | 9.55  | 107 | 39770  | 5.36 | ng/ul  | 95     |
| 25) Bis(2-Chloroethoxy)methane | 9.79  | 93  | 48465  | 5.37 | ng/ul  | 95     |
| 27) 2,4-Dichlorophenol         | 10.01 | 162 | 33688  | 6.67 | ng/ul  | 90     |
| 28) Naphthalene                | 10.42 | 128 | 128269 | 5.95 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.53 | 127 | 48499  | 6.47 | ng/ul  | 96     |
| 31) Hexachlorobutadiene        | 10.70 | 225 | 20655  | 6.49 | ng/ul  | 94     |
| 32) Caprolactam                | 11.31 | 113 | 13812  | 3.73 | ng/ul# | 65     |
| 33) 4-Chloro-3-methylphenol    | 11.66 | 107 | 35304  | 5.69 | ng/ul# | 88     |
| 34) 2-Methylnaphthalene        | 12.04 | 142 | 90730  | 6.20 | ng/ul  | 98     |

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Manual Integrations  
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apatel  
 7/16/2015 4:38:12 PM

Quant Time: Jul 16 07:18:40 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG071415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 16 03:39:16 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.41 | 216  | 42299    | 6.40 | ng/ul# | 92       |
| 37) Hexachlorocyclopentadiene  | 12.40 | 237  | 17591    | 5.12 | ng/ul# | 89       |
| 38) 2,4,6-Trichlorophenol      | 12.66 | 196  | 20149    | 5.62 | ng/ul  | 87       |
| 39) 2,4,5-Trichlorophenol      | 12.73 | 196  | 21658    | 5.54 | ng/ul  | 92       |
| 40) 1,1'-Biphenyl              | 13.07 | 154  | 118223   | 6.08 | ng/ul# | 93       |
| 41) 2-Chloronaphthalene        | 13.11 | 162  | 90182    | 6.04 | ng/ul# | 93       |
| 42) 2-Nitroaniline             | 13.32 | 65   | 18723    | 4.28 | ng/ul# | 85       |
| 44) Dimethylphthalate          | 13.71 | 163  | 120580   | 6.55 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 13.82 | 165  | 19056    | 5.68 | ng/ul  | 95       |
| 47) Acenaphthylene             | 13.96 | 152  | 152122   | 6.04 | ng/ul  | 96       |
| 48) 3-Nitroaniline             | 14.15 | 138  | 20702    | 5.42 | ng/ul  | 95       |
| 49) Acenaphthene               | 14.31 | 153  | 99792    | 5.89 | ng/ul  | 97       |
| 50) 2,4-Dinitrophenol          | 14.36 | 184  | 2452     | 1.74 | ng/ul# | 86       |
| 52) 4-Nitrophenol              | 14.46 | 109  | 14181    | 5.06 | ng/ul# | 83       |
| 53) Dibenzofuran               | 14.64 | 168  | 140705   | 6.31 | ng/ul  | 93       |
| 54) 2,4-Dinitrotoluene         | 14.61 | 165  | 27273    | 5.67 | ng/ul# | 79       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.88 | 232  | 18400    | 6.09 | ng/ul# | 79       |
| 56) Diethylphthalate           | 15.08 | 149  | 119055   | 6.29 | ng/ul  | 97       |
| 58) Fluorene                   | 15.29 | 166  | 118862   | 6.14 | ng/ul  | 95       |
| 59) 4-Chlorophenyl-phenylether | 15.30 | 204  | 58141    | 6.46 | ng/ul  | 88       |
| 60) 4-Nitroaniline             | 15.32 | 138  | 25326    | 5.56 | ng/ul# | 84       |
| 63) 4,6-Dinitro-2-methylphenol | 15.38 | 198  | 11176    | 4.15 | ng/ul# | 85       |
| 64) N-Nitrosodiphenylamine     | 15.51 | 169  | 96011    | 6.10 | ng/ul  | 97       |
| 65) 4-Bromophenyl-phenylether  | 16.19 | 248  | 32179    | 6.49 | ng/ul# | 89       |
| 66) Hexachlorobenzene          | 16.30 | 284  | 36588    | 6.80 | ng/ul# | 93       |
| 67) Atrazine                   | 16.47 | 200  | 34272    | 6.35 | ng/ul  | 90       |
| 68) Pentachlorophenol          | 16.65 | 266  | 11031    | 4.14 | ng/ul# | 84       |
| 69) Phenanthrene               | 17.04 | 178  | 181371   | 6.36 | ng/ul  | 99       |
| 71) Anthracene                 | 17.13 | 178  | 192187   | 6.58 | ng/ul  | 98       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.03 | 216  | 38567    | 5.87 | ng/uL  | 97       |
| 73) Pentachlorobenzene         | 14.56 | 250  | 45830    | 7.27 | ng/uL  | 97       |
| 74) Carbazole                  | 17.40 | 167  | 168879   | 6.63 | ng/ul  | 97       |
| 75) Di-n-butylphthalate        | 17.98 | 149  | 198776   | 6.22 | ng/ul# | 98       |
| 76) Fluoranthene               | 19.07 | 202  | 198091   | 6.84 | ng/ul# | 94       |
| 79) Pyrene                     | 19.43 | 202  | 222764   | 6.78 | ng/ul  | 96       |
| 80) Butylbenzylphthalate       | 20.35 | 149  | 76990    | 5.80 | ng/ul  | 90       |
| 81) 3,3'-Dichlorobenzidine     | 21.12 | 252  | 44713    | 5.59 | ng/ul  | 98       |
| 82) Benzo(a)anthracene         | 21.18 | 228  | 198052   | 6.72 | ng/ul  | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 104352   | 5.67 | ng/ul  | 96       |
| 84) Chrysene                   | 21.23 | 228  | 190565   | 6.74 | ng/ul  | 98       |
| 86) Di-n-octyl phthalate       | 22.00 | 149  | 158739   | 5.37 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 22.74 | 252  | 179440m  | 6.44 | ng/ul  |          |
| 88) Benzo(k)fluoranthene       | 22.78 | 252  | 185133   | 6.45 | ng/ul  | 96       |
| 90) Benzo(a)pyrene             | 23.32 | 252  | 184781   | 6.61 | ng/ul  | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.66 | 276  | 189004   | 6.32 | ng/ul  | 92       |
| 92) Dibenzo(a,h)anthracene     | 25.67 | 278  | 159084   | 6.25 | ng/ul  | 97       |
| 93) Benzo(g,h,i)perylene       | 26.33 | 276  | 160478   | 6.41 | ng/ul  | 97       |

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

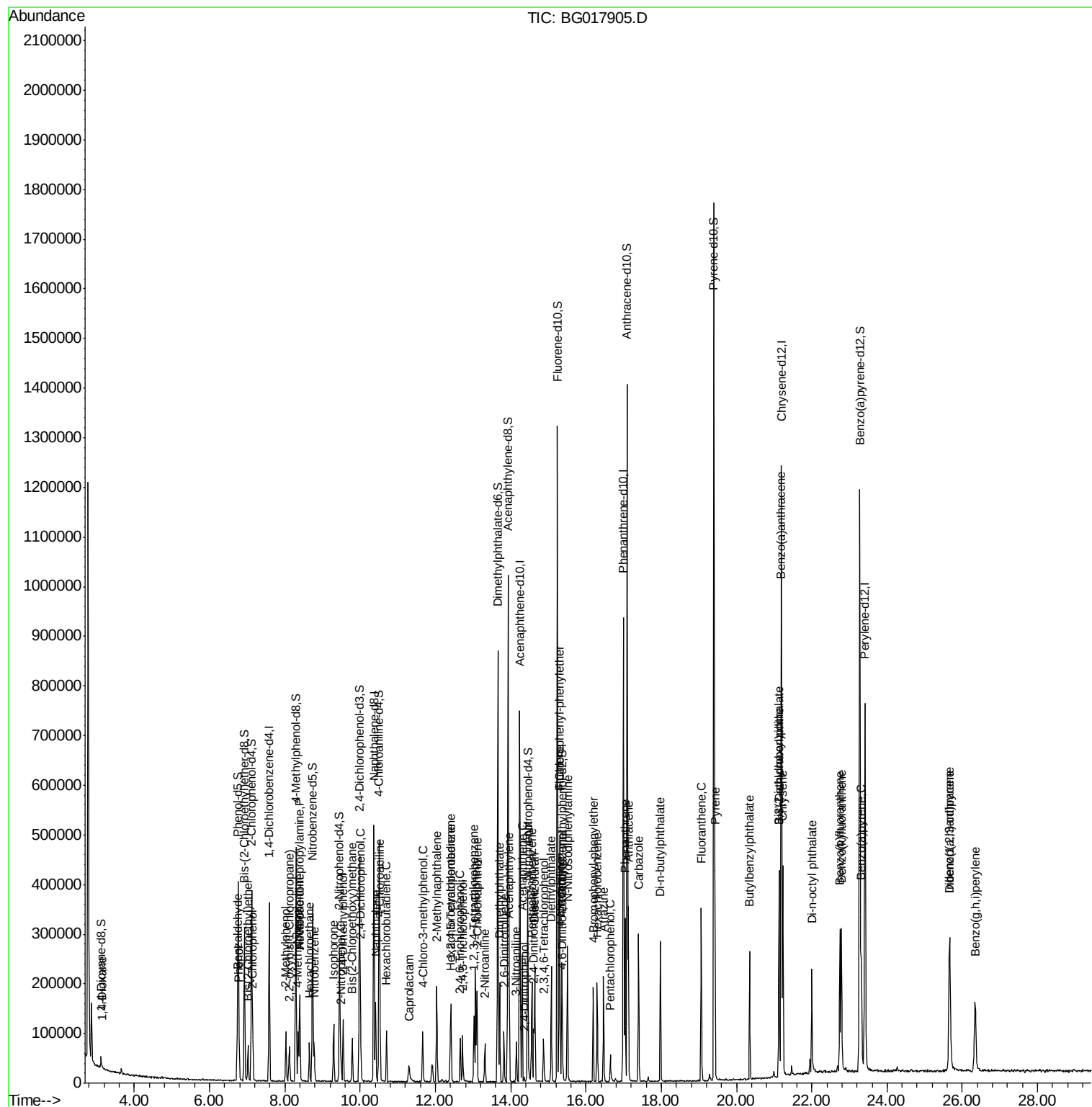
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG071515\  
Data File : BG017905.D  
Acq On : 16 Jul 2015 4:50  
Operator : TP/UM  
Sample : MDL-03-S-ML  
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL  
ALS Vial : 48 Sample Multiplier: 1

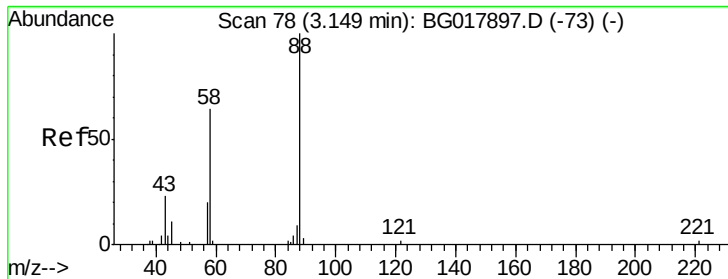
Instrument :  
BNA\_G  
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Manual Integrations  
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QLast Update : Thu Jul 16 03:39:16 2015  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.09 ng/uL

RT: 3.15 min Scan# 79

Delta R.T. 0.01 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

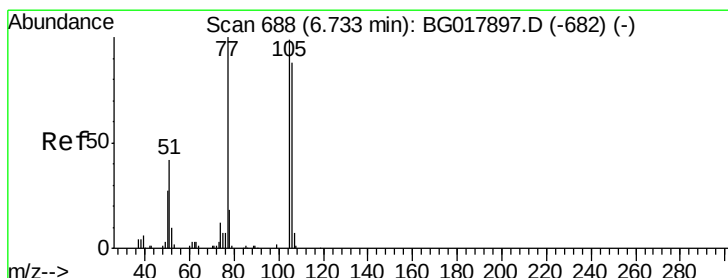
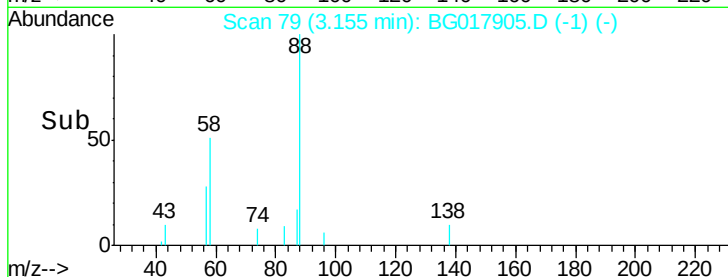
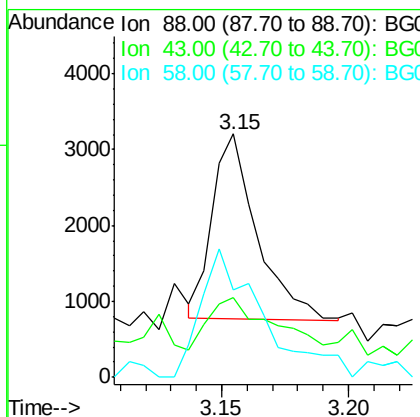
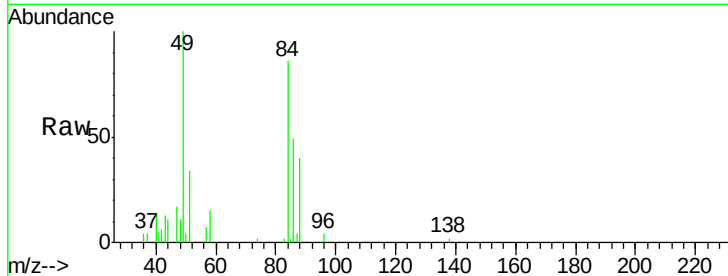
ClientSampleId :

MDL-03-S-ML

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 2992  |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 39.6  | 26.4  | 39.6# |
| 58        | 84.2  | 61.5  | 92.3  |

Manual Integrations  
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#4

Benzaldehyde

Concen: 6.86 ng/uL

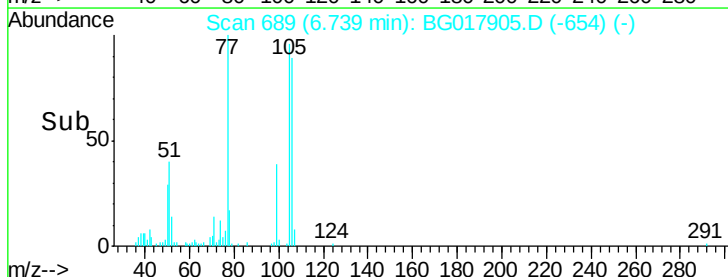
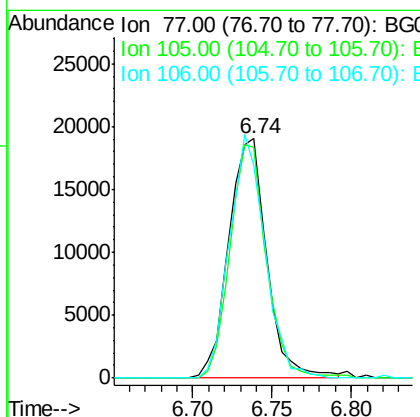
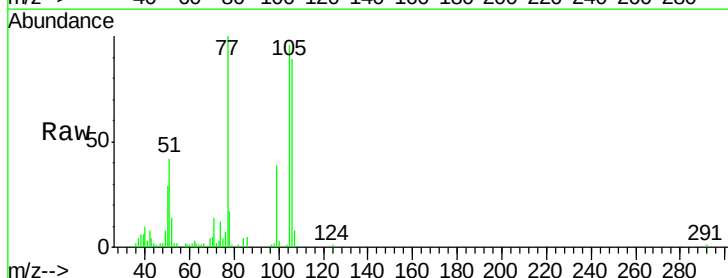
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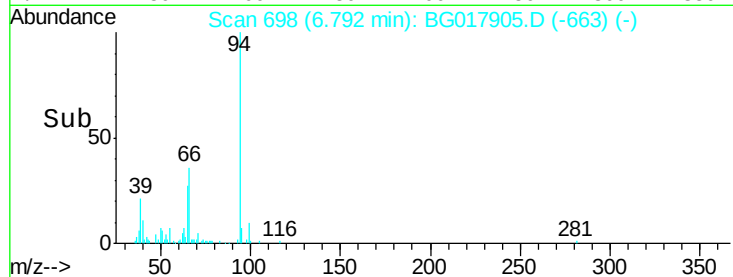
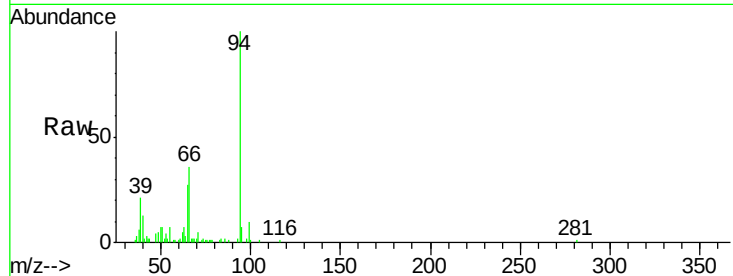
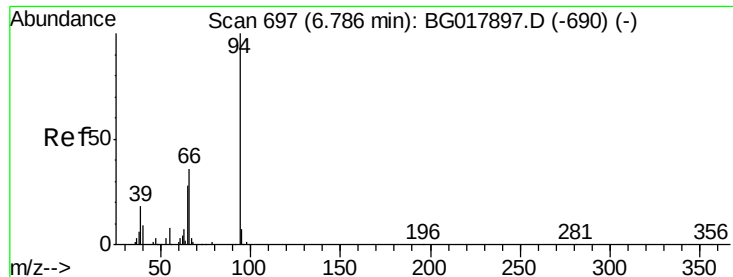
Delta R.T. 0.01 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 31709 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 96.3  | 69.1  | 103.7 |
| 106       | 88.7  | 69.3  | 103.9 |





#6

Phenol

Concen: 5.34 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 94      | 100   | 46280 |       |       |
| 65      | 26.6  | 25.0  | 37.4  |       |
| 66      | 35.7  | 31.7  | 47.5  |       |

Instrument :

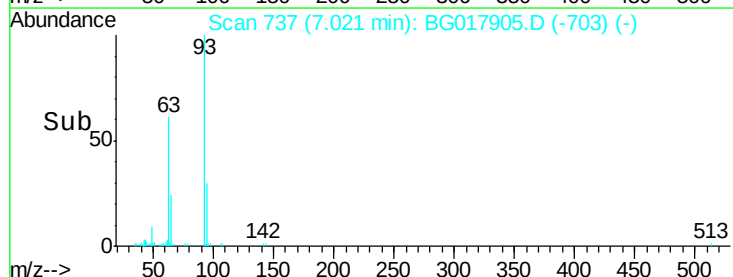
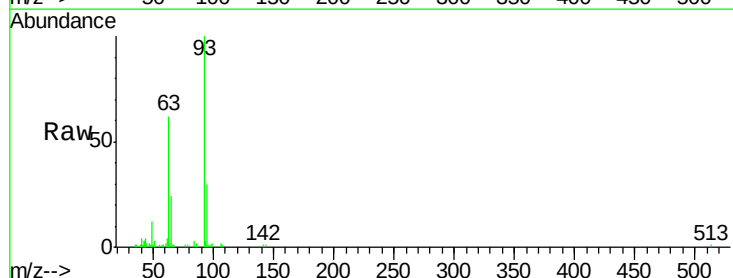
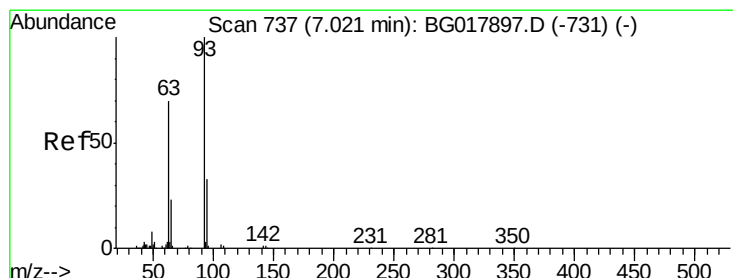
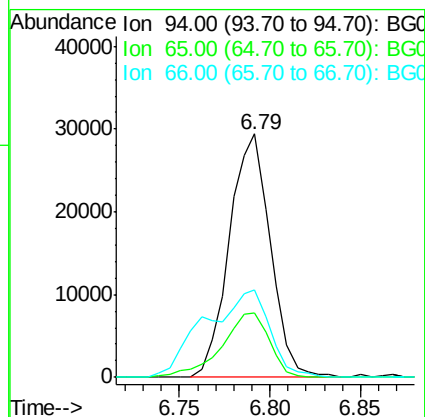
BNA\_G

ClientSampleId :

MDL-03-S-ML

Manual Integrations  
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7/16/2015 4:38:12 PM



#8

Bis(2-Chloroethyl)ether

Concen: 5.53 ng/ul

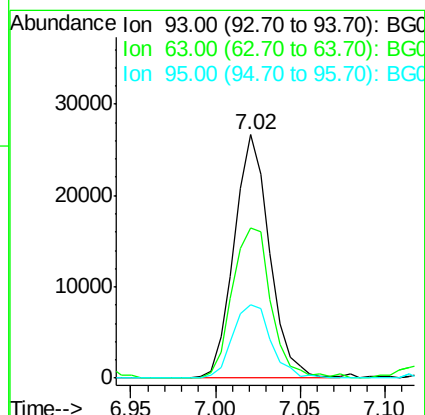
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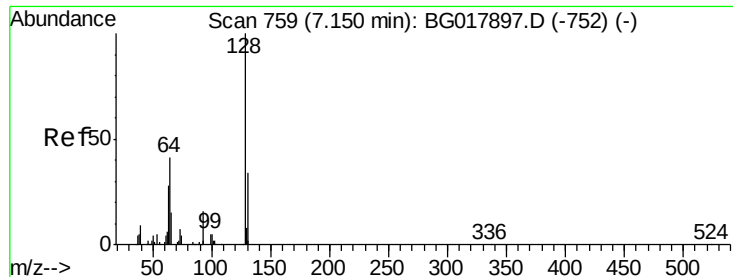
Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 39088 |       |       |
| 63      | 61.6  | 59.8  | 89.8  |       |
| 95      | 30.3  | 23.4  | 35.2  |       |





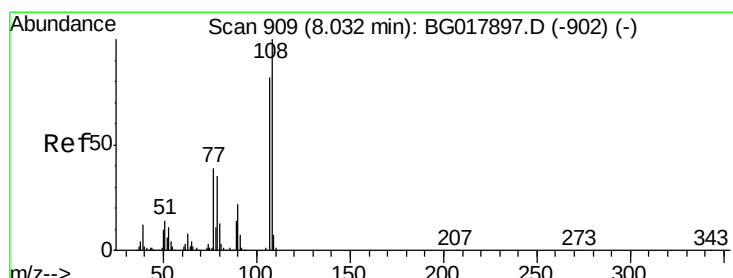
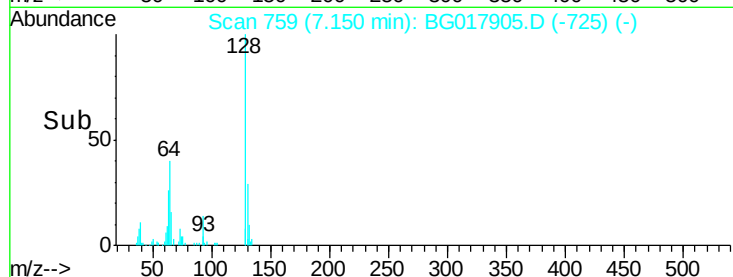
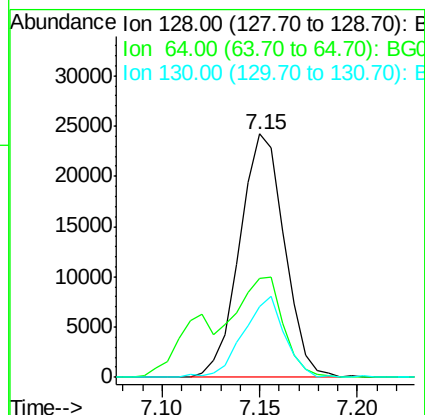
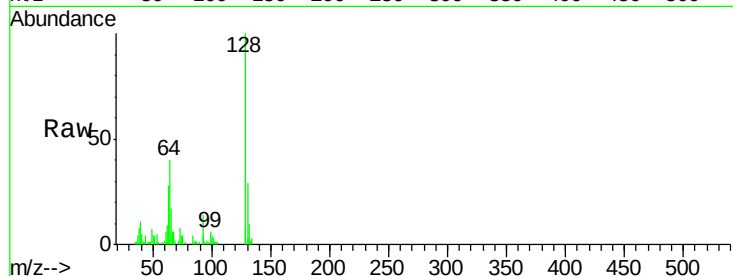
#10  
2-Chlorophenol  
Concen: 6.21 ng/ul  
RT: 7.15 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
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| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 38458 |       |       |
| 64      | 40.5  | 44.0  | 66.0  |       |
| 130     | 28.9  | 25.9  | 38.9  |       |

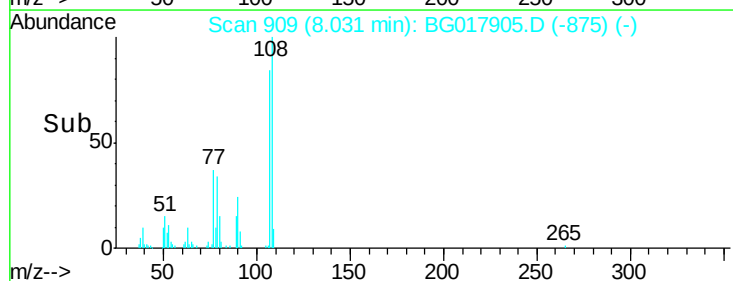
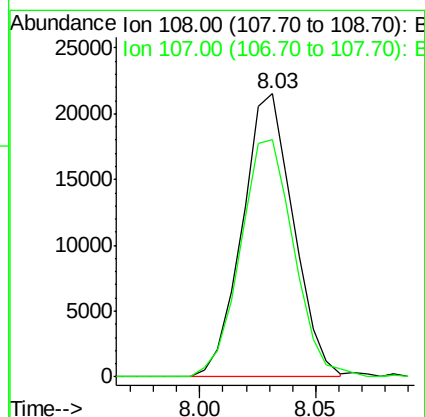
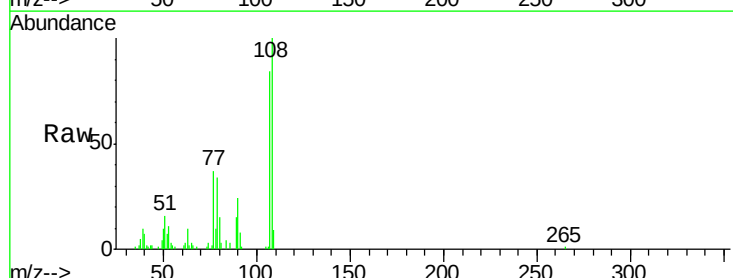
Manual Integrations  
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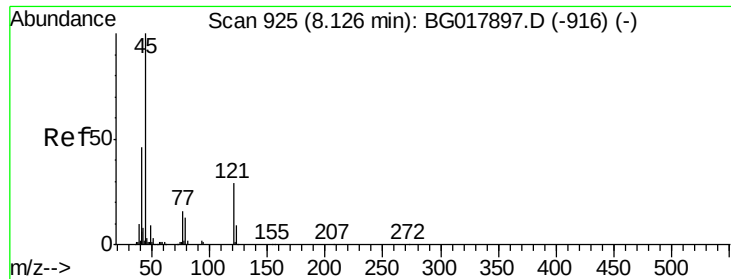
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7/16/2015 4:38:12 PM



#11  
2-Methylphenol  
Concen: 5.27 ng/ul  
RT: 8.03 min Scan# 909  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 108     | 100   | 33155 |       |       |
| 107     | 83.9  | 72.1  | 108.1 |       |





#12

2,2'-oxybis(1-chloropropane)

Concen: 4.45 ng/ul

RT: 8.13 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

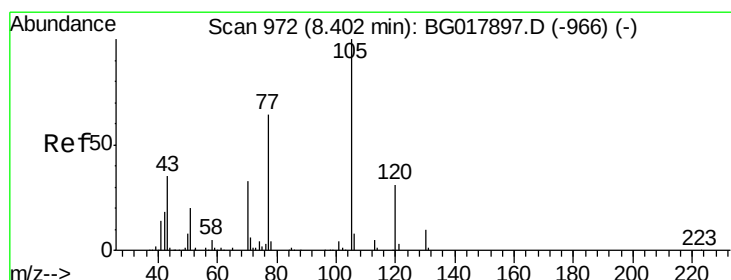
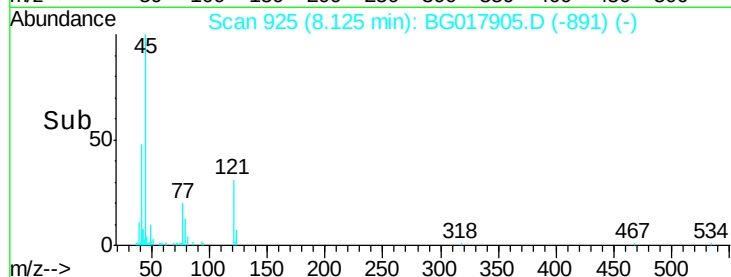
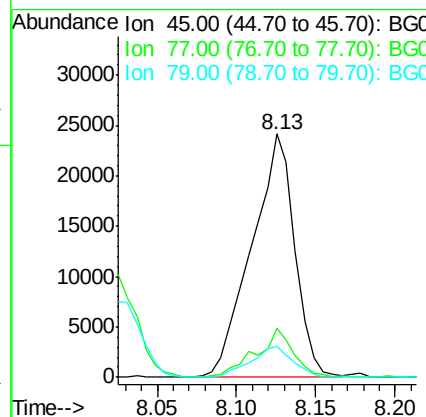
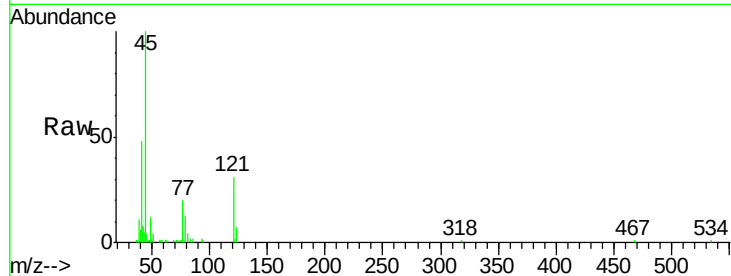
ClientSampleId :

MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 20.4  | 12.6  | 19.0# |
| 79      | 12.8  | 9.3   | 13.9  |

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#14

Acetophenone

Concen: 5.60 ng/ul

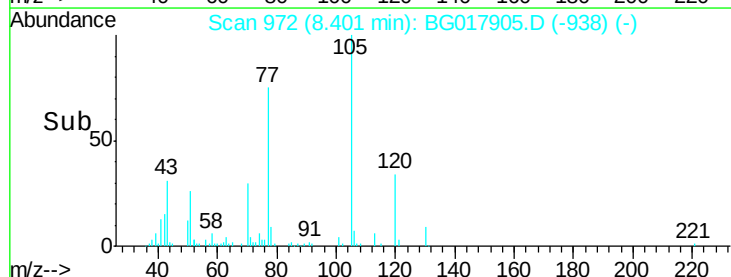
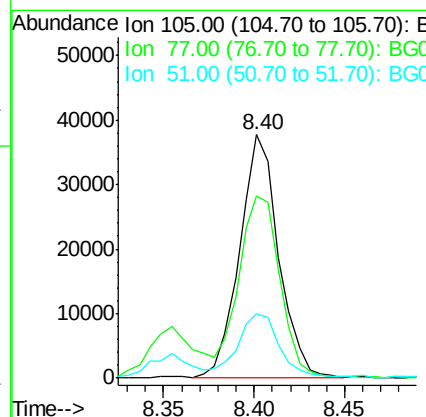
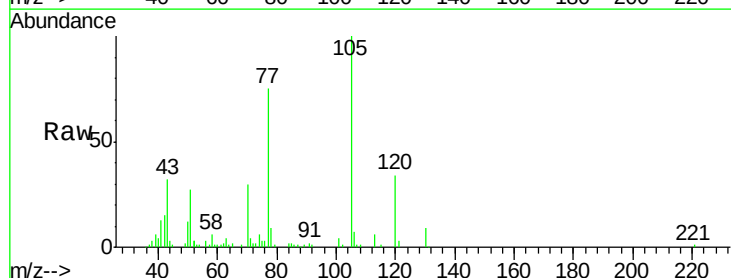
RT: 8.40 min Scan# 972

Delta R.T. -0.00 min

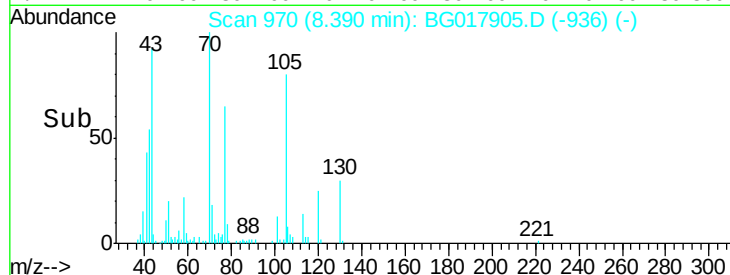
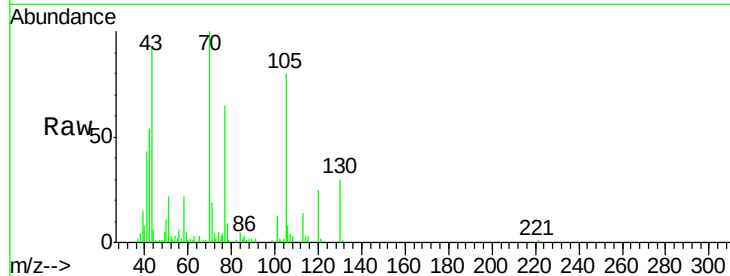
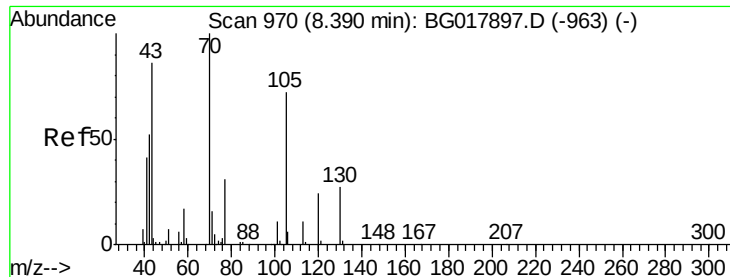
Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 74.9  | 71.9  | 107.9 |
| 51      | 26.6  | 25.0  | 37.6  |







#15

N-Nitroso-di-n-propylamine

Concen: 4.89 ng/ul

RT: 8.39 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

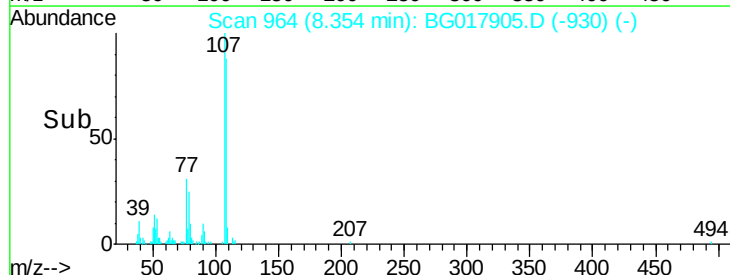
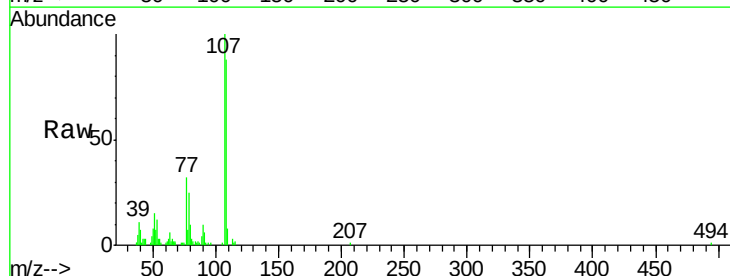
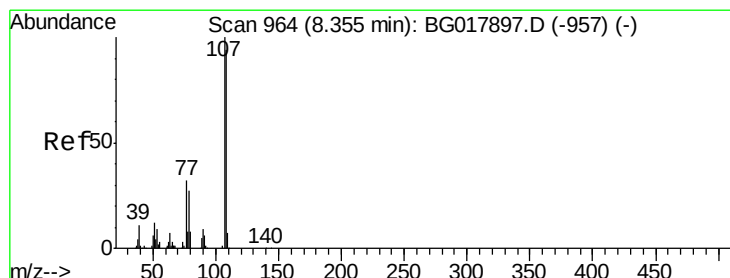
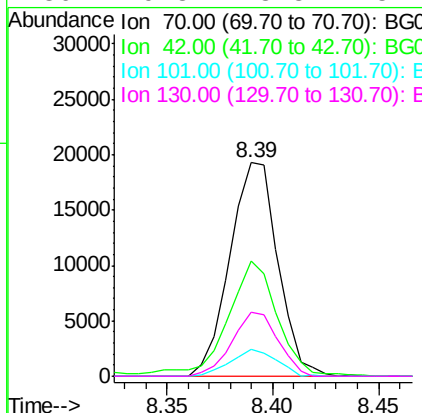
ClientSampleId :

MDL-03-S-ML

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 53.7 | 51.1  | 76.7  |       |
| 101     | 12.8 | 9.8   | 14.8  |       |
| 130     | 29.8 | 18.8  | 28.2  |       |

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#16

4-Methylphenol

Concen: 5.64 ng/ul

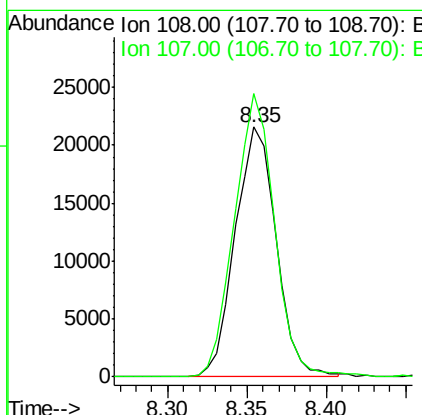
RT: 8.35 min Scan# 964

Delta R.T. -0.00 min

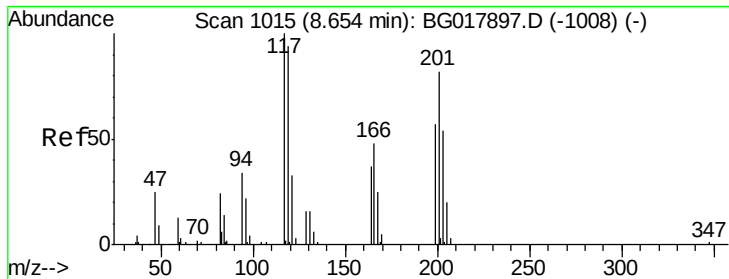
Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 108     | 100   |       |       |       |
| 107     | 113.4 | 85.8  | 128.6 |       |







#17

Hexachloroethane

Concen: 5.12 ng/ul

RT: 8.65 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

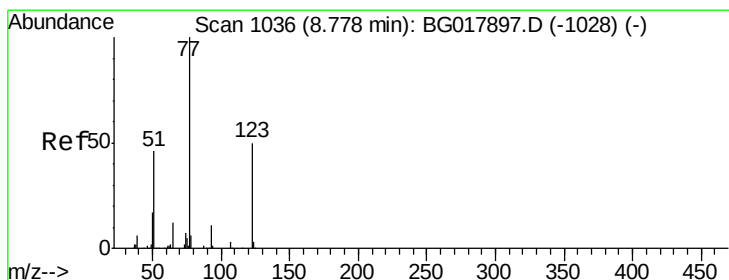
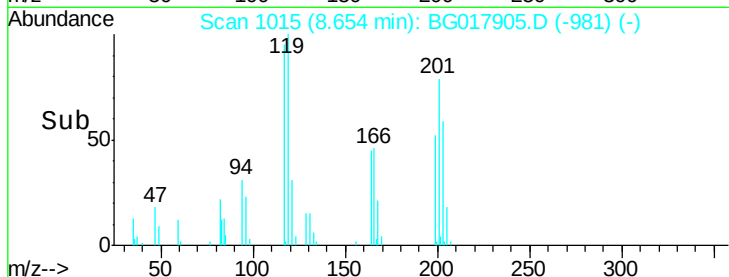
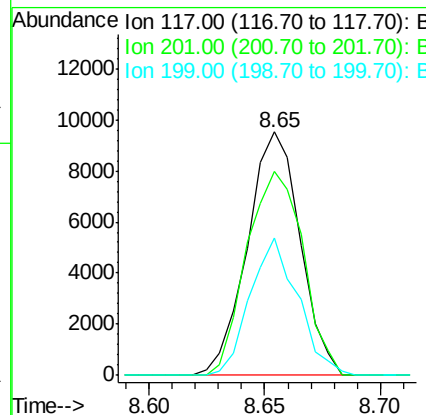
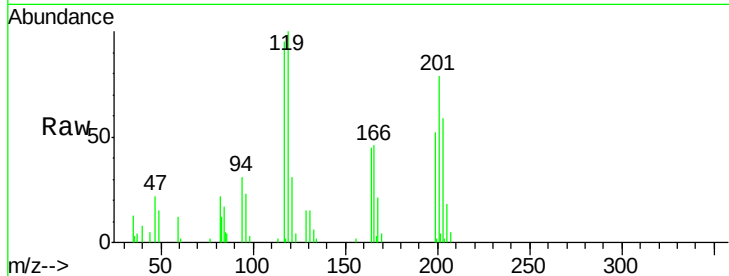
ClientSampleId :

MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 201     | 83.8  | 57.8       | 86.8       |
| 199     | 56.3  | 37.2       | 55.8       |

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#20

Nitrobenzene

Concen: 5.00 ng/ul

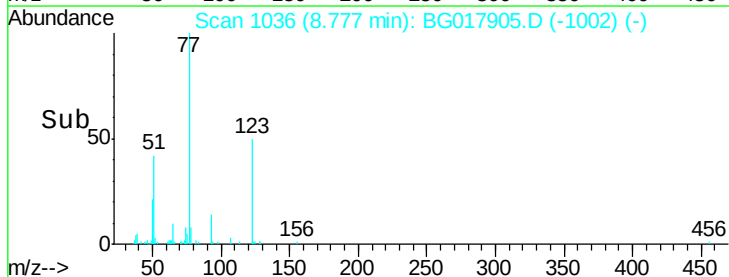
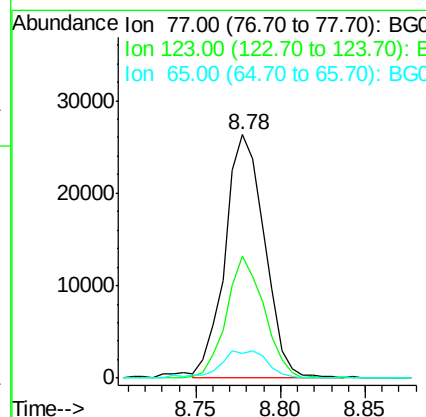
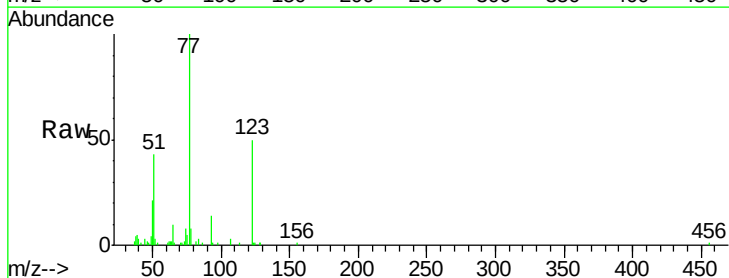
RT: 8.78 min Scan# 1036

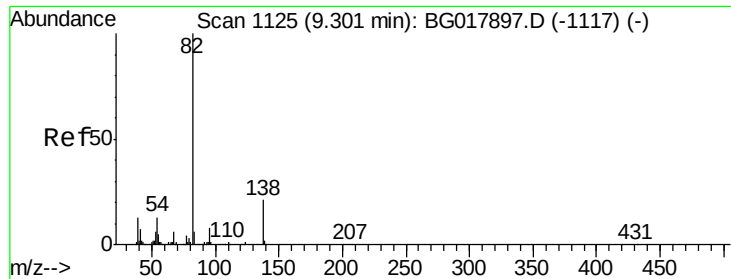
Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 77      | 100   |            |            |
| 123     | 50.2  | 32.0       | 48.0       |
| 65      | 10.3  | 11.3       | 16.9       |





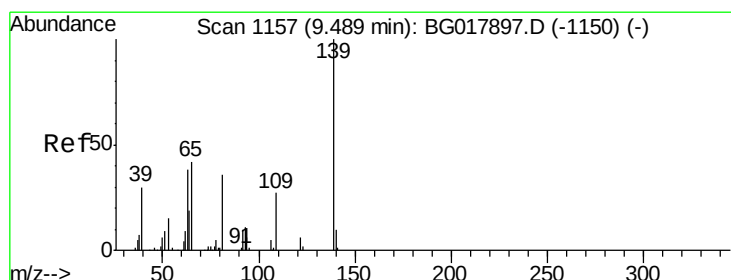
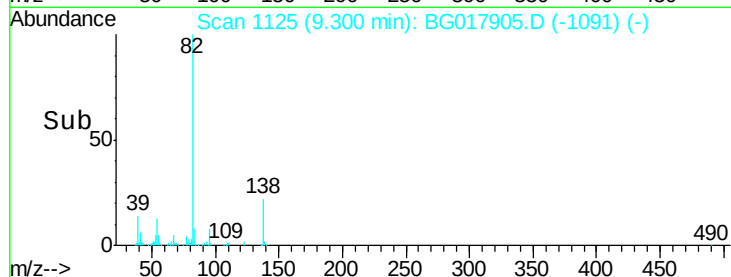
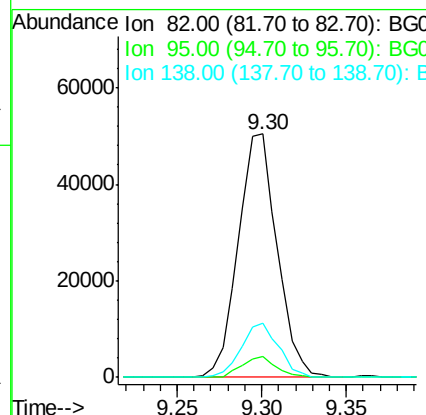
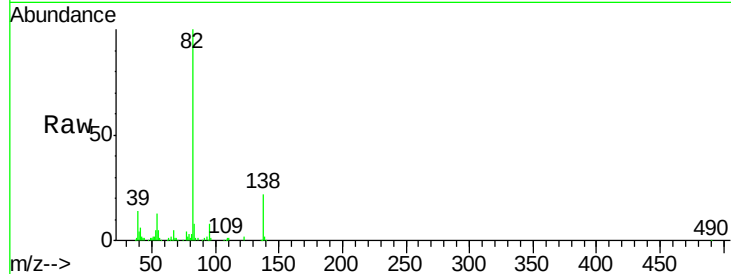
#21  
Isophorone  
Concen: 5.04 ng/ul  
RT: 9.30 min Scan# 1125  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 95      | 8.5   | 5.9        | 8.9        |
| 138     | 22.2  | 14.7       | 22.1#      |

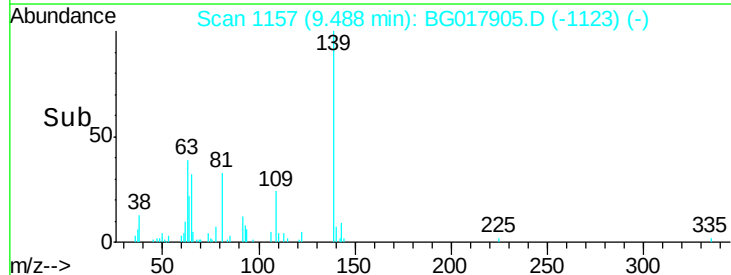
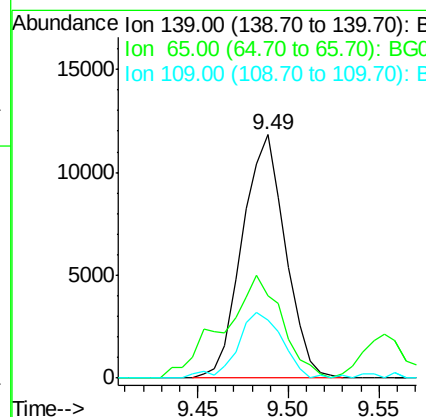
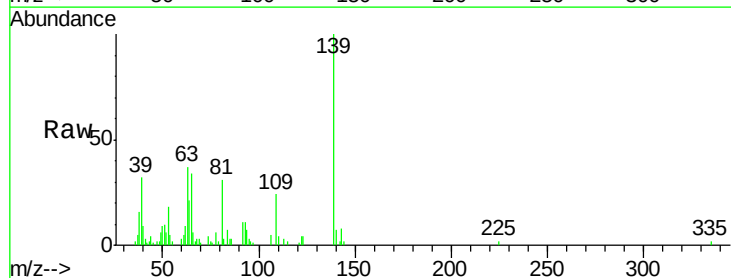
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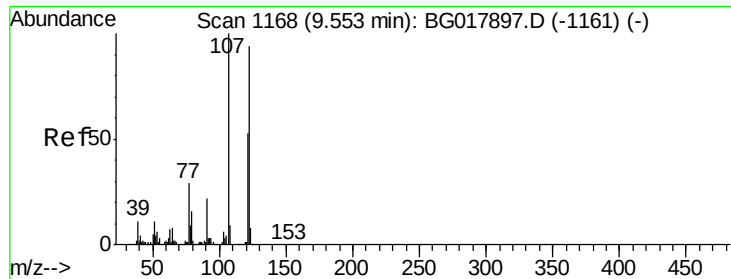
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#23  
2-Nitrophenol  
Concen: 6.75 ng/ul  
RT: 9.49 min Scan# 1157  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 139     | 100   |            |            |
| 65      | 33.7  | 46.1       | 69.1#      |
| 109     | 24.0  | 24.1       | 36.1#      |





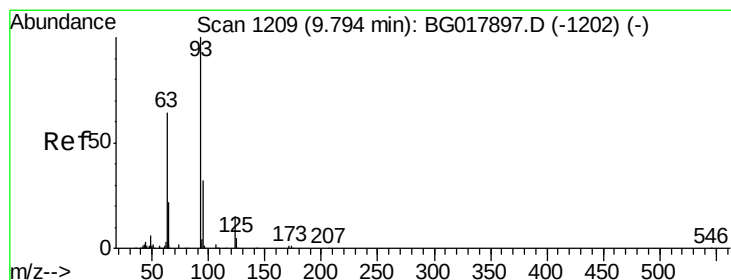
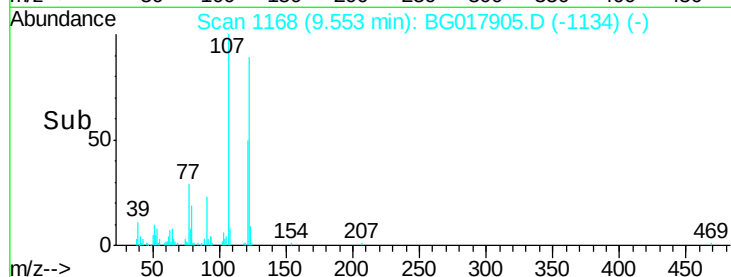
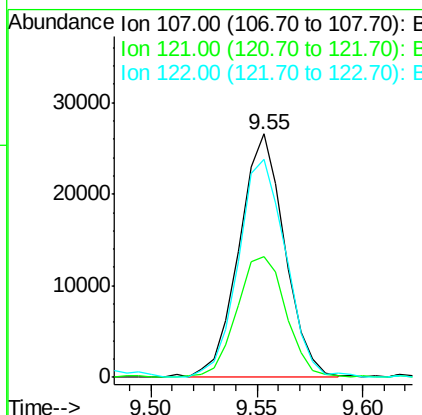
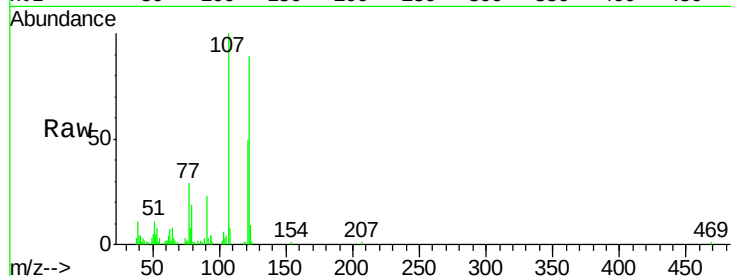
#24  
 2,4-Dimethylphenol  
 Concen: 5.36 ng/ul  
 RT: 9.55 min Scan# 1168  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 39770 |       |       |
| 121     | 49.6  | 38.3  | 57.5  |       |
| 122     | 89.3  | 66.6  | 100.0 |       |

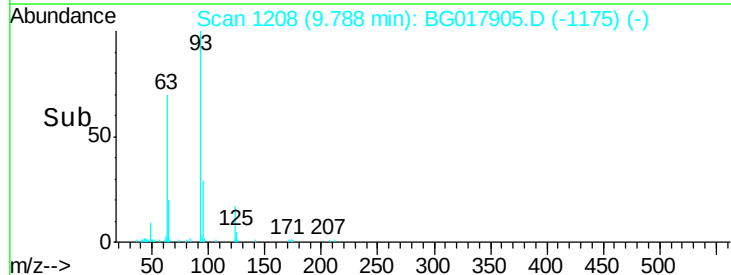
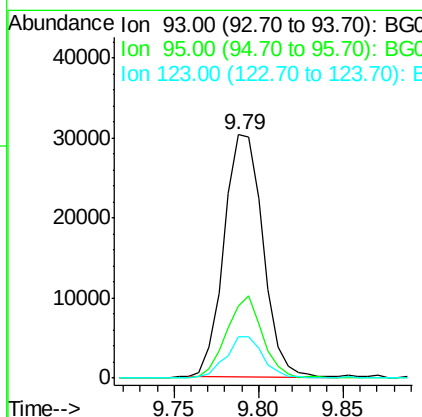
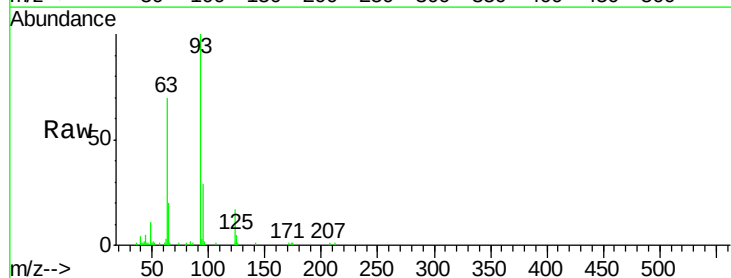
Manual Integrations  
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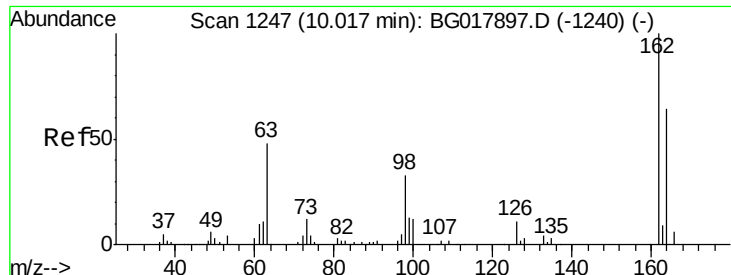
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#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 5.37 ng/ul  
 RT: 9.79 min Scan# 1208  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 48465 |       |       |
| 95      | 29.4  | 26.0  | 39.0  |       |
| 123     | 16.9  | 12.0  | 18.0  |       |





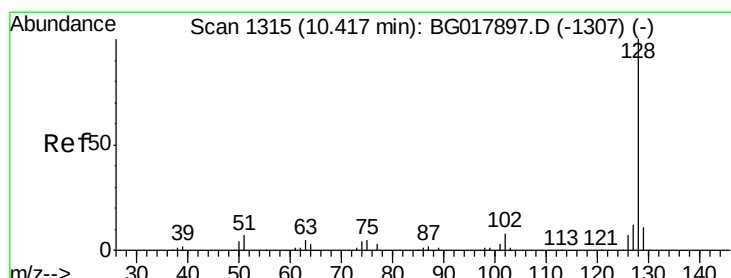
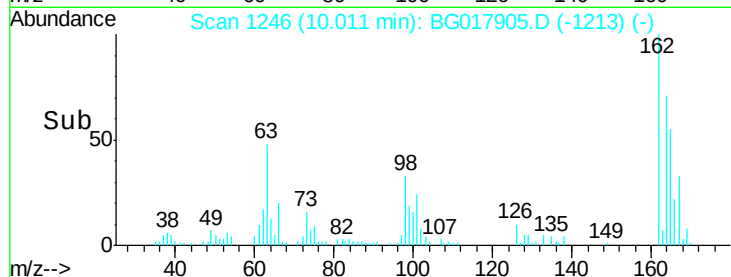
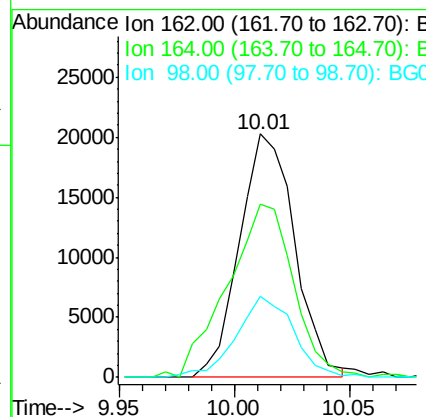
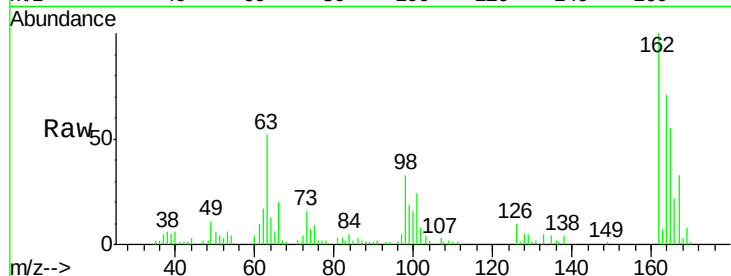
#27  
2,4-Dichlorophenol  
Concen: 6.67 ng/ul  
RT: 10.01 min Scan# 1246  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampled :  
MDL-03-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 33688 |       |       |
| 164     | 70.9  | 51.0  | 76.6  |       |
| 98      | 33.5  | 32.7  | 49.1  |       |

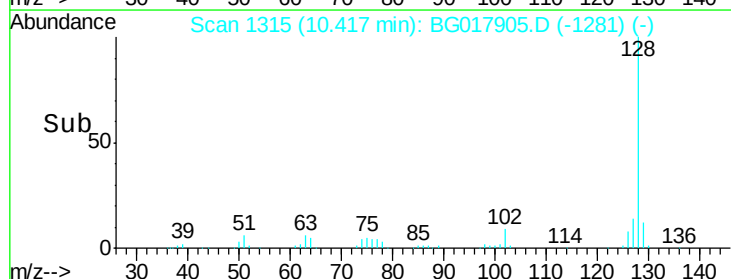
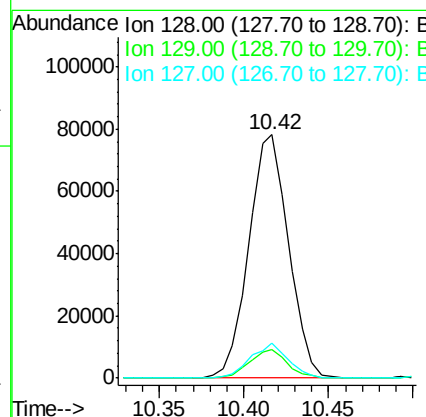
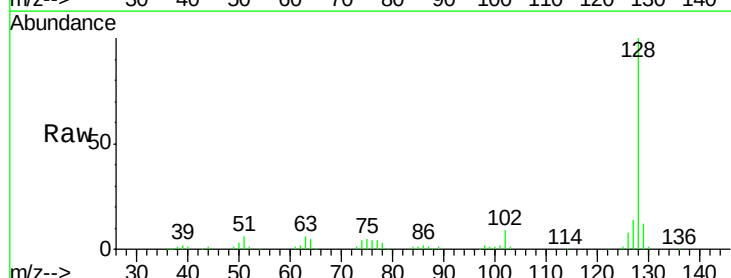
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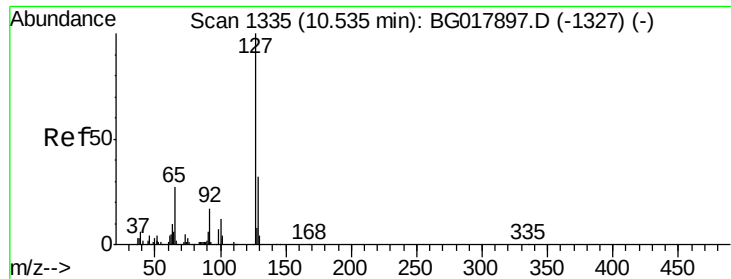
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#28  
Naphthalene  
Concen: 5.95 ng/ul  
RT: 10.42 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 128269 |       |       |
| 129     | 11.7  | 9.1    | 13.7  |       |
| 127     | 14.1  | 11.0   | 16.6  |       |





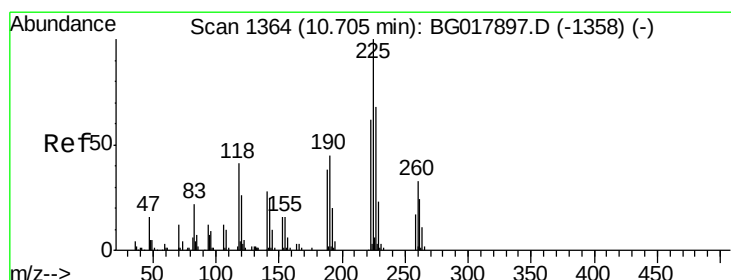
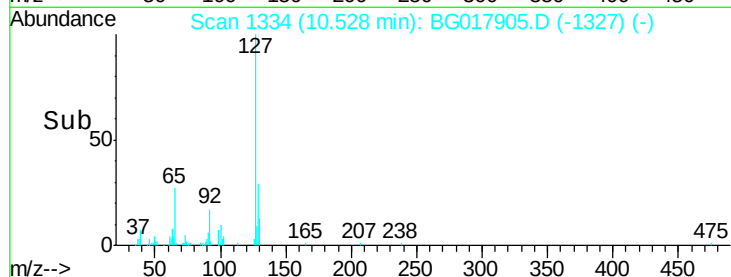
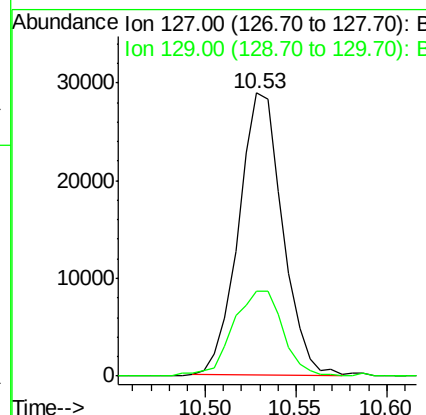
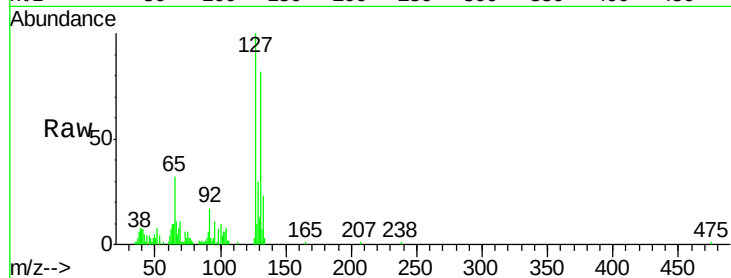
#30  
 4-Chloroaniline  
 Concen: 6.47 ng/ul  
 RT: 10.53 min Scan# 1334  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 48499 |       |       |
| 129     | 30.1  | 26.0  | 39.0  |       |

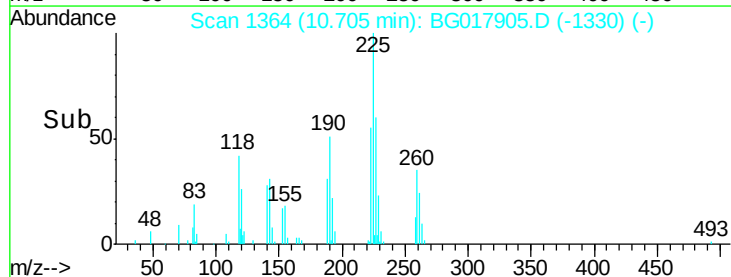
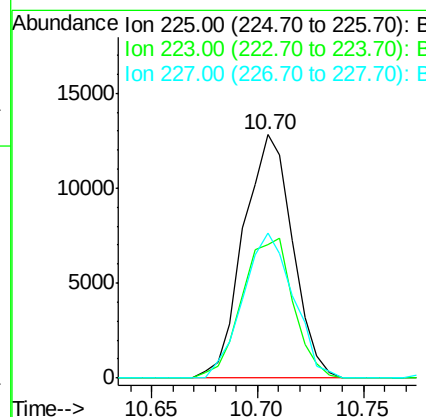
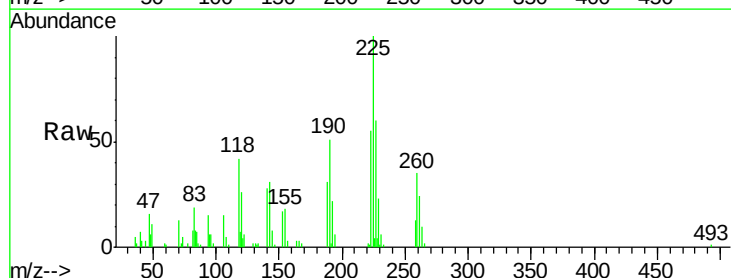
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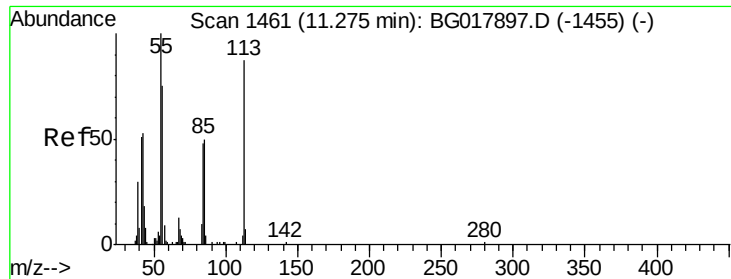
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#31  
 Hexachlorobutadiene  
 Concen: 6.49 ng/ul  
 RT: 10.70 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 20655 |       |       |
| 223     | 54.6  | 48.6  | 73.0  |       |
| 227     | 59.8  | 46.1  | 69.1  |       |





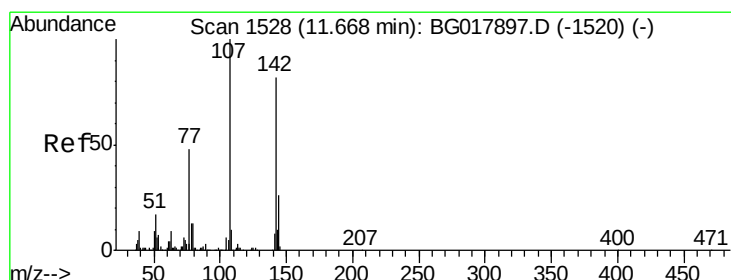
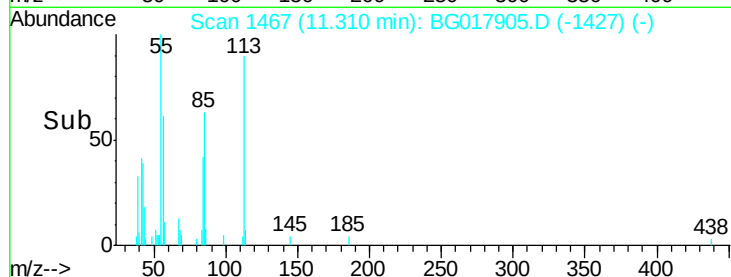
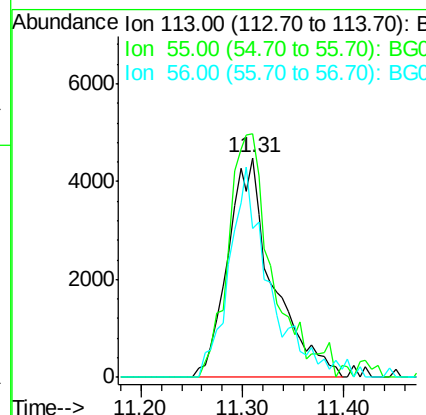
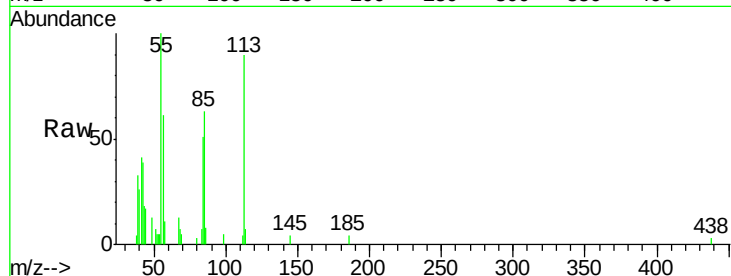
#32  
 Caprolactam  
 Concen: 3.73 ng/ul  
 RT: 11.31 min Scan# 1467  
 Delta R.T. 0.03 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 110.9 | 118.2 | 177.2# |
| 56      | 67.6  | 89.8  | 134.6# |

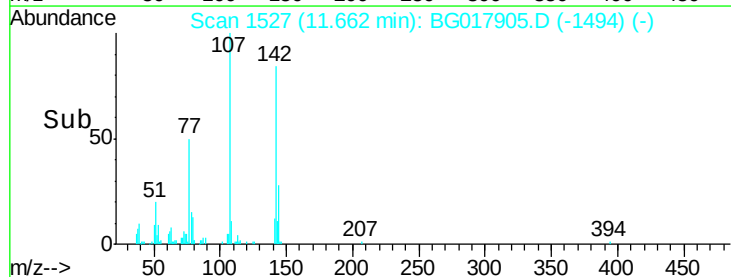
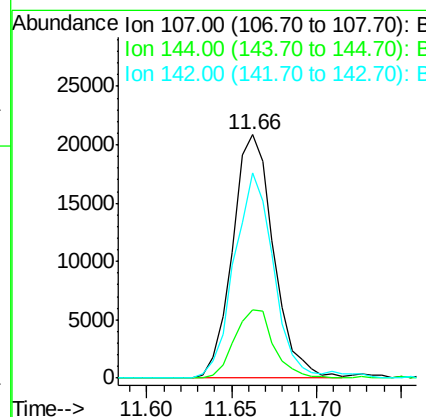
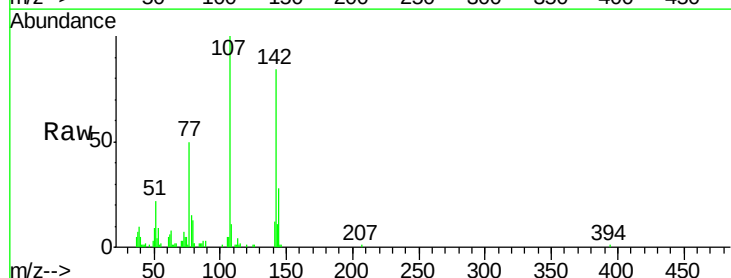
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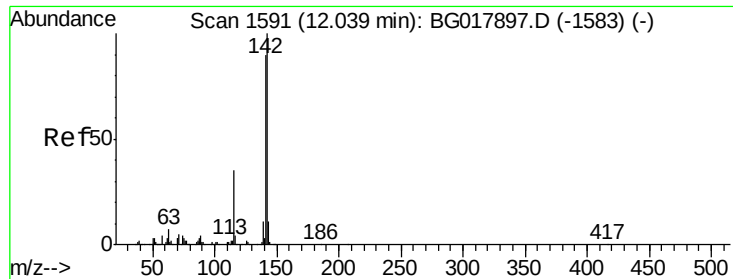
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#33  
 4-Chloro-3-methylphenol  
 Concen: 5.69 ng/ul  
 RT: 11.66 min Scan# 1527  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.0  | 16.6  | 24.8# |
| 142     | 84.2  | 59.8  | 89.6  |





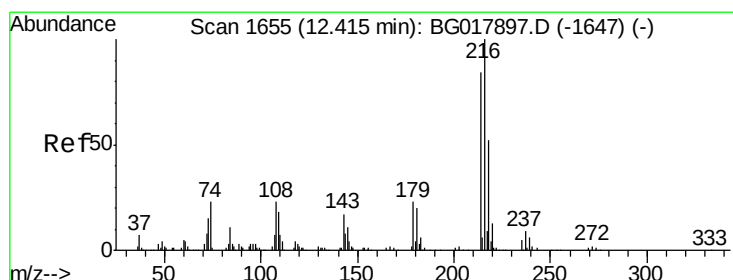
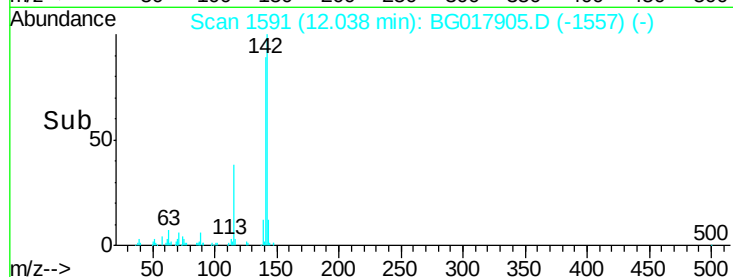
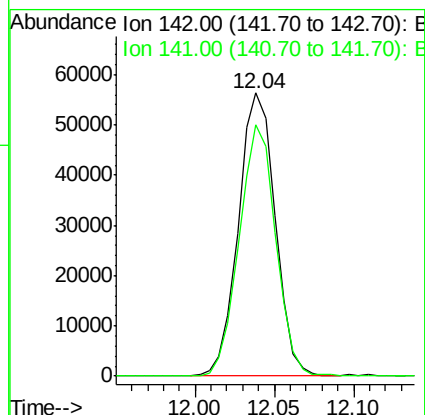
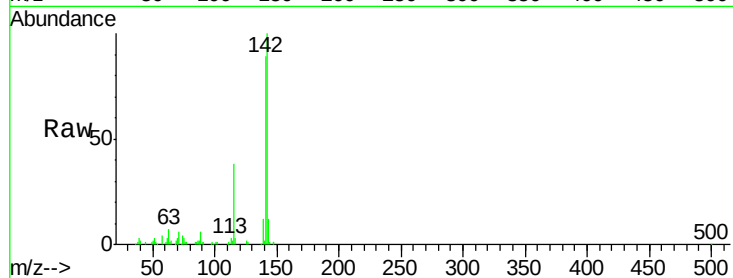
#34  
 2-Methylnaphthalene  
 Concen: 6.20 ng/ul  
 RT: 12.04 min Scan# 1591  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 72.6  | 108.8 |

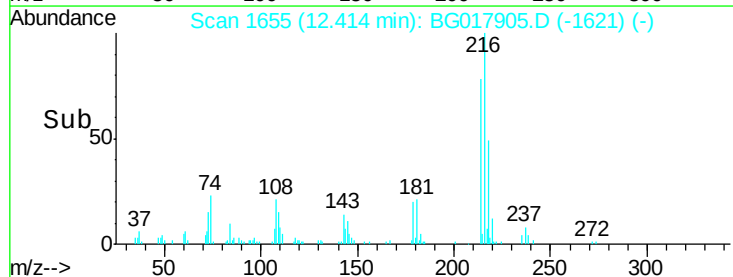
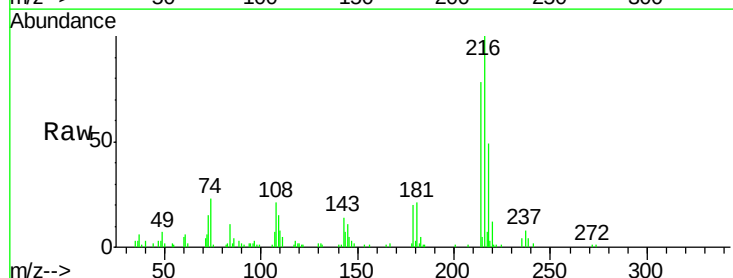
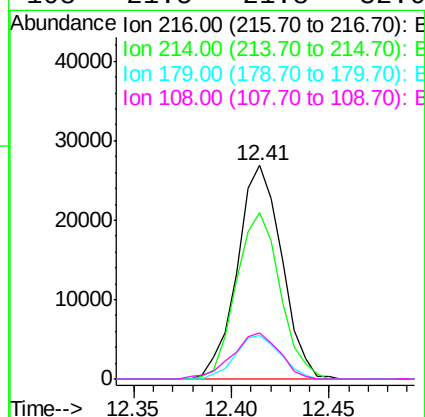
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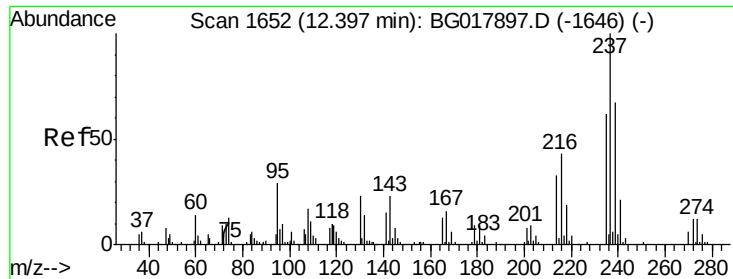


#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 6.40 ng/ul  
 RT: 12.41 min Scan# 1655  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.1  | 68.2  | 102.2 |
| 179     | 20.4  | 17.2  | 25.8  |
| 108     | 21.5  | 21.8  | 32.6# |







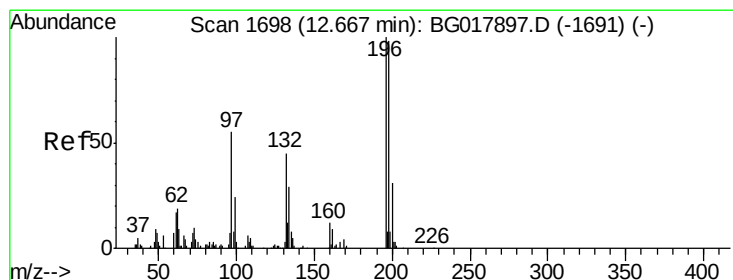
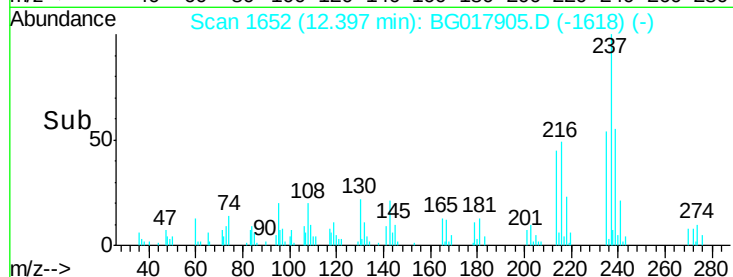
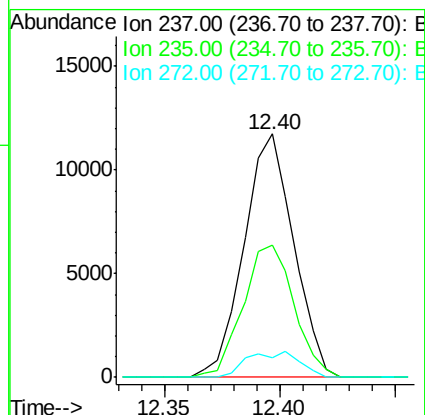
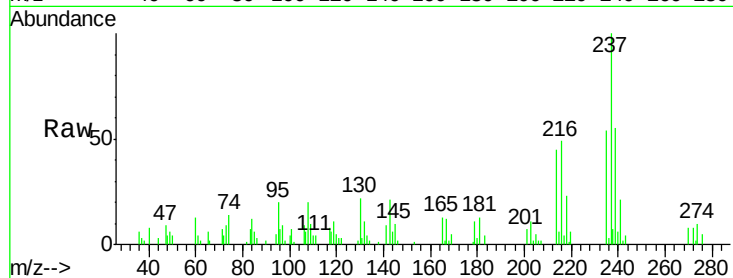
#37  
Hexachlorocyclopentadiene  
Concen: 5.12 ng/ul  
RT: 12.40 min Scan# 1652  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 56.7  | 52.4       | 78.6       |
| 272     | 8.1   | 9.1        | 13.7       |

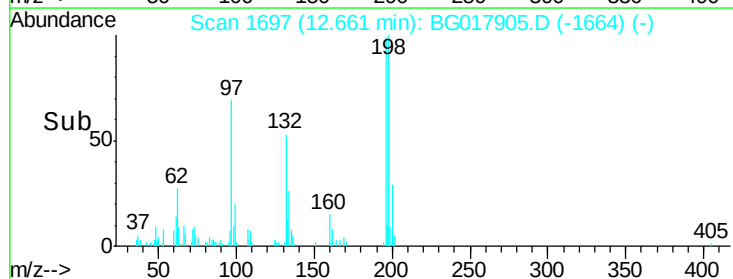
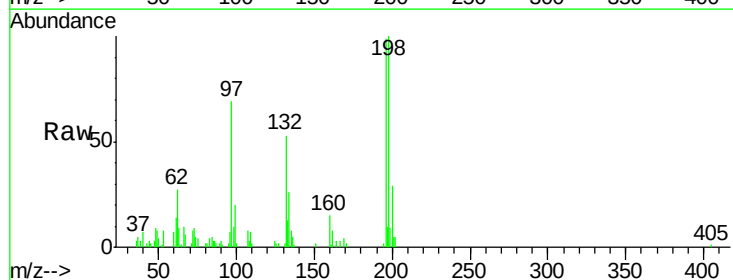
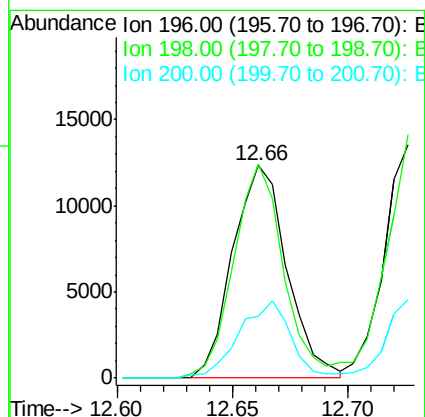
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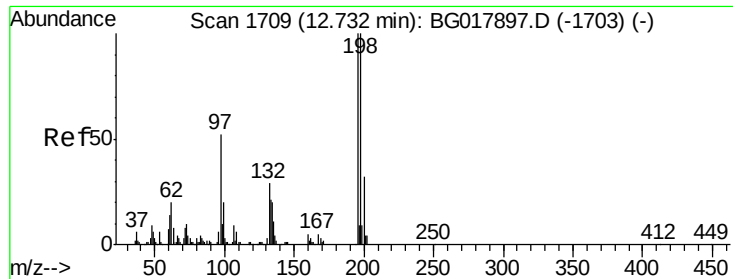
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#38  
2,4,6-Trichlorophenol  
Concen: 5.62 ng/ul  
RT: 12.66 min Scan# 1697  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 196     | 100   |            |            |
| 198     | 101.1 | 69.0       | 103.4      |
| 200     | 28.9  | 22.2       | 33.4       |





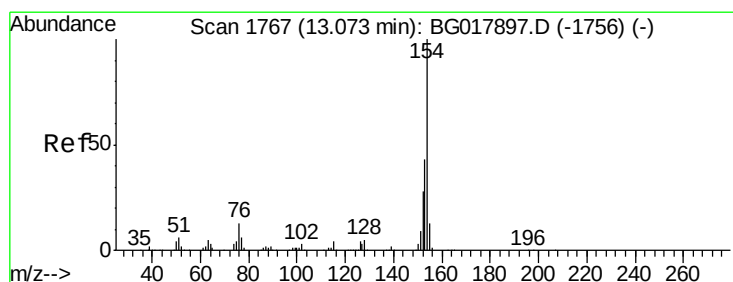
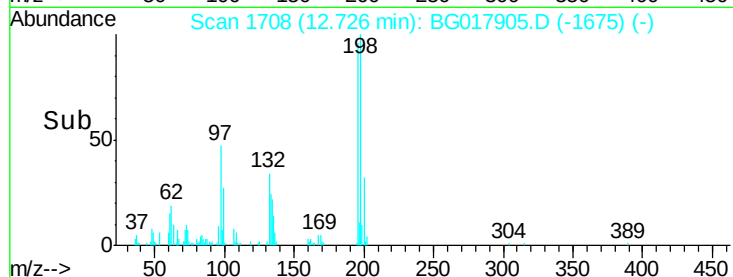
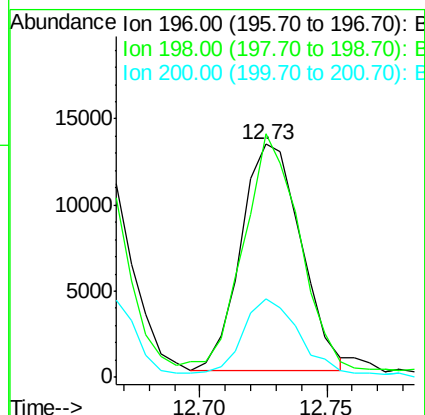
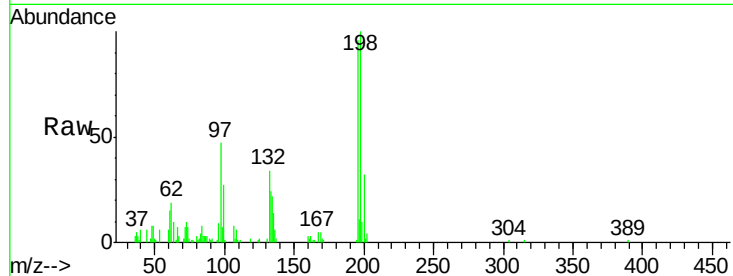
#39  
 2,4,5-Trichlorophenol  
 Concen: 5.54 ng/ul  
 RT: 12.73 min Scan# 1708  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 21658 |       |       |
| 198     | 104.6 | 76.3  | 114.5 |       |
| 200     | 33.8  | 25.4  | 38.0  |       |

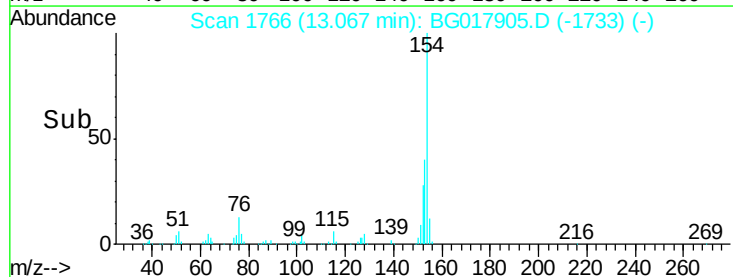
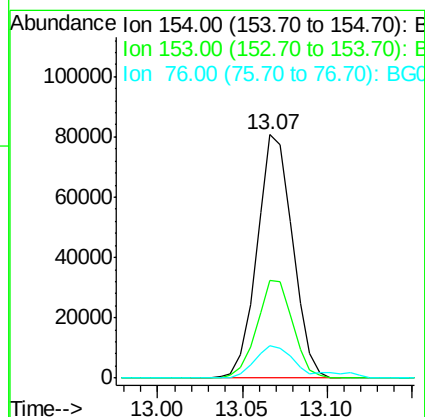
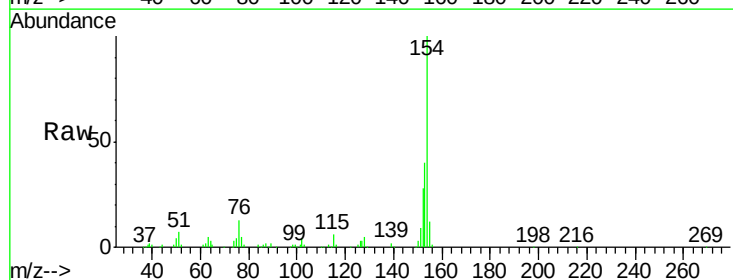
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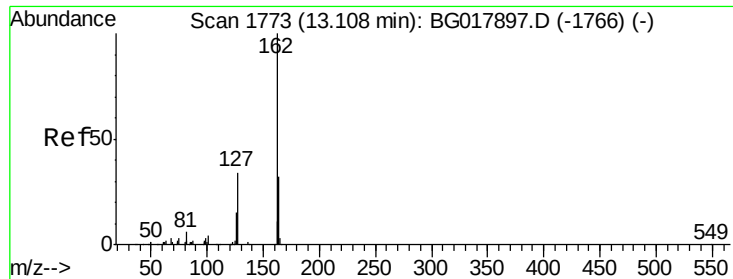
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#40  
 1,1'-Biphenyl  
 Concen: 6.08 ng/ul  
 RT: 13.07 min Scan# 1766  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 118223 |       |       |
| 153     | 40.0  | 35.0   | 52.6  |       |
| 76      | 13.1  | 14.0   | 21.0  |       |





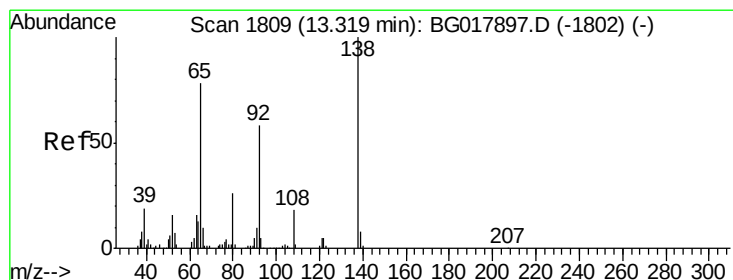
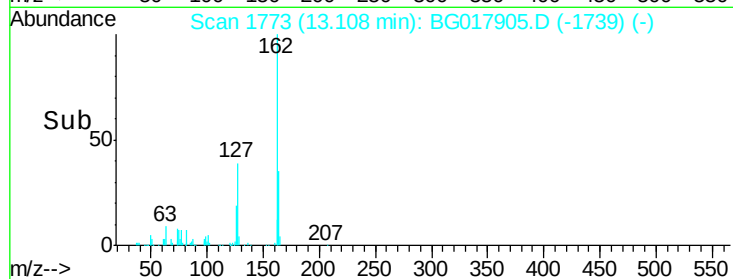
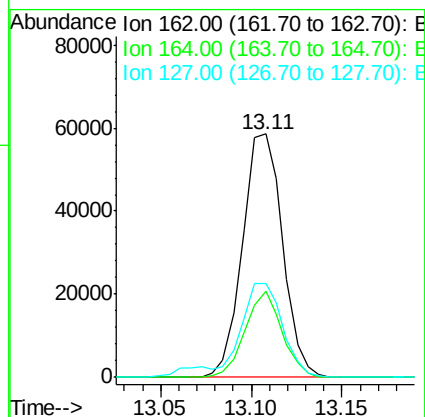
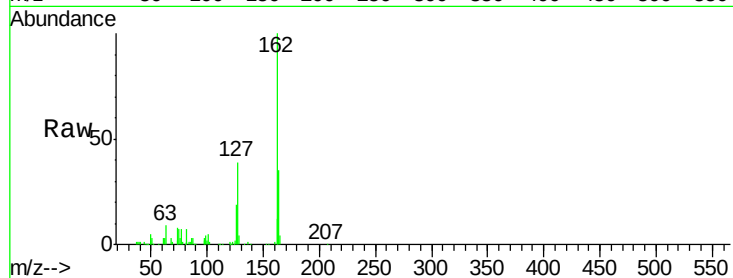
#41  
 2-Chloronaphthalene  
 Concen: 6.04 ng/ul  
 RT: 13.11 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 35.5  | 22.9       | 34.3# |
| 127     | 38.8  | 32.7       | 49.1  |

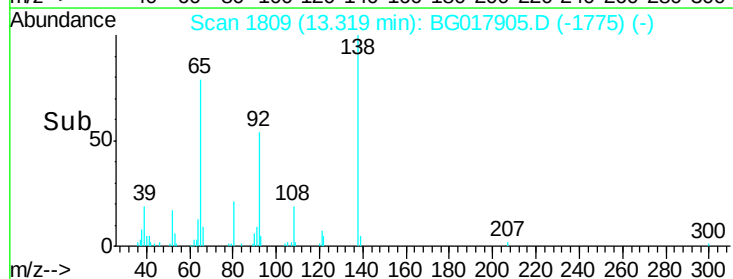
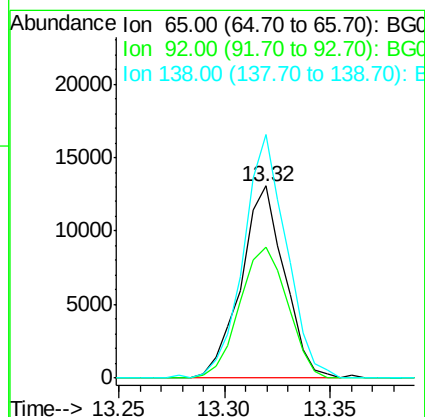
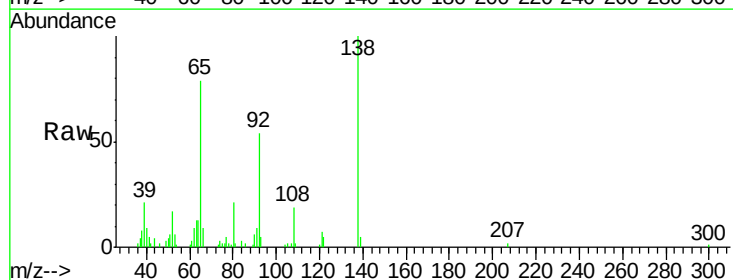
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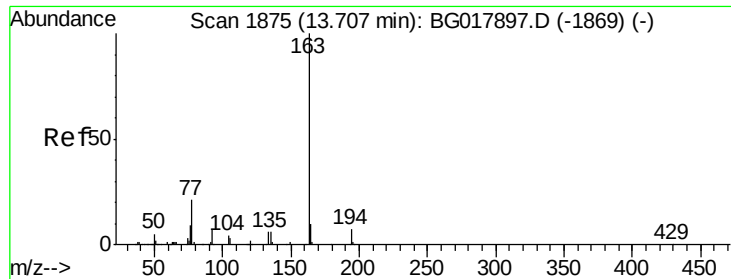
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#42  
 2-Nitroaniline  
 Concen: 4.28 ng/ul  
 RT: 13.32 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Upper  |
|---------|-------|------------|--------|
| 65      | 100   |            |        |
| 92      | 68.0  | 53.7       | 80.5   |
| 138     | 126.9 | 81.8       | 122.8# |





#44

Dimethylphthalate

Concen: 6.55 ng/ul

RT: 13.71 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG017905.D

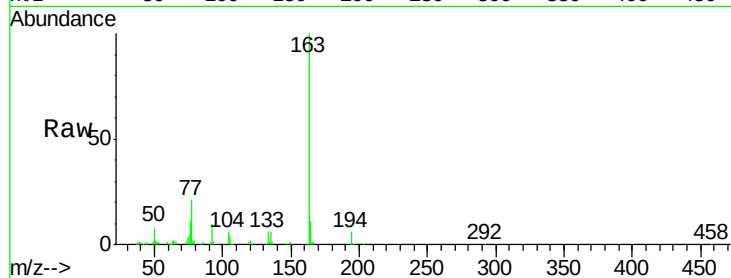
Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

ClientSampleId :

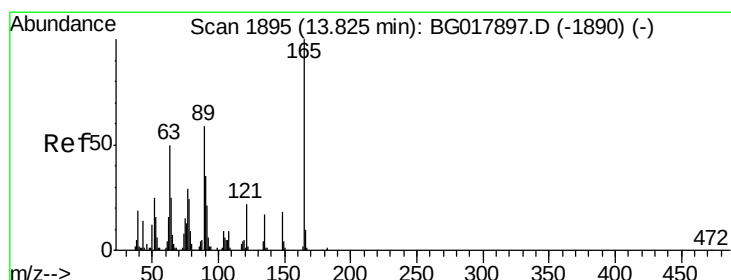
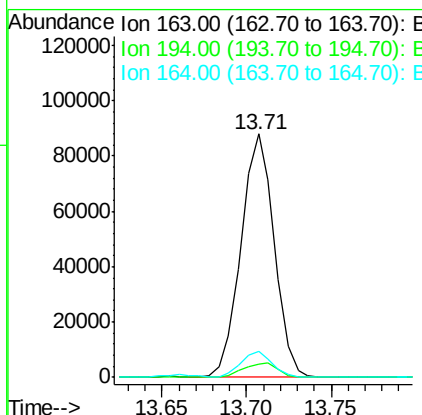
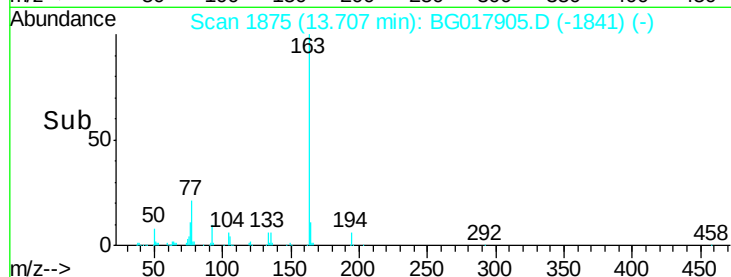
MDL-03-S-ML



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 120580 |       |       |
| 194     | 5.6   |        | 5.4   | 8.0   |
| 164     | 10.6  |        | 8.0   | 12.0  |

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#45

2,6-Dinitrotoluene

Concen: 5.68 ng/ul

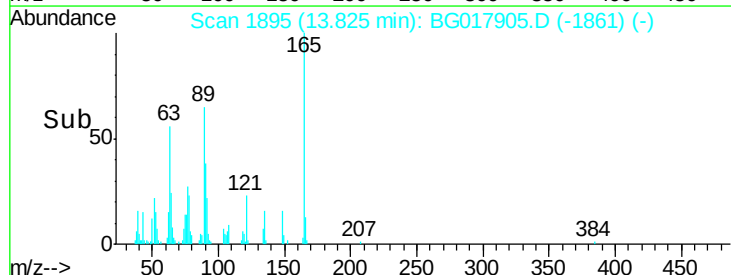
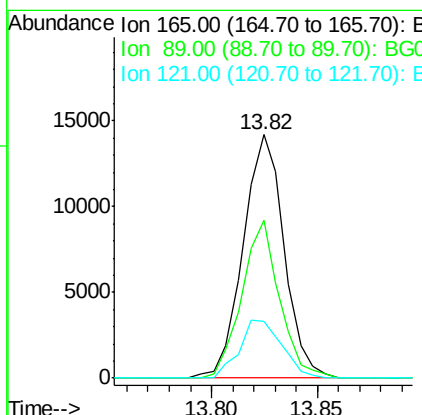
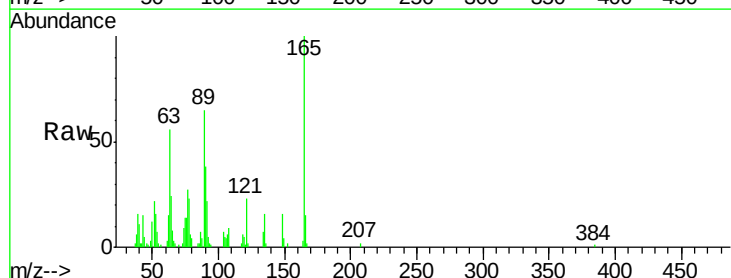
RT: 13.82 min Scan# 1895

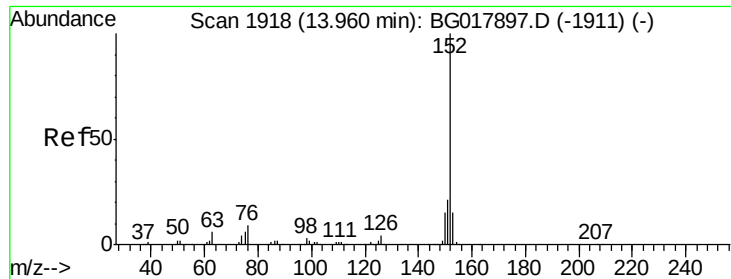
Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 19056 |       |       |
| 89      | 64.7  |       | 55.4  | 83.2  |
| 121     | 23.3  |       | 20.6  | 30.8  |





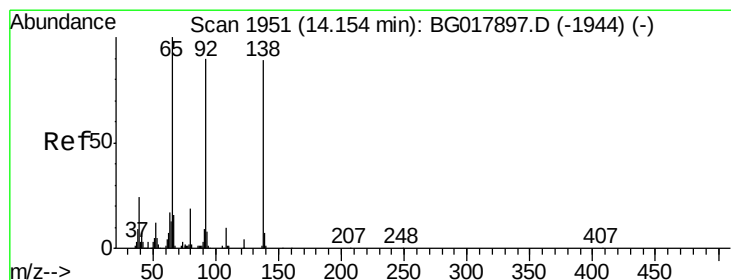
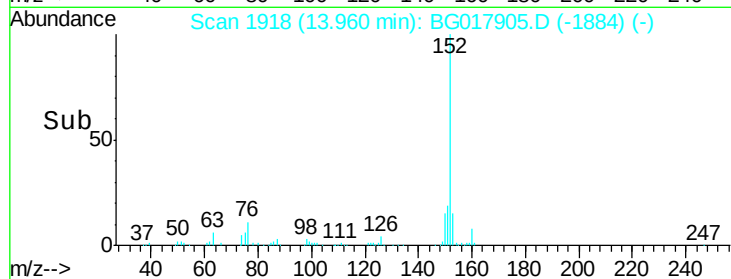
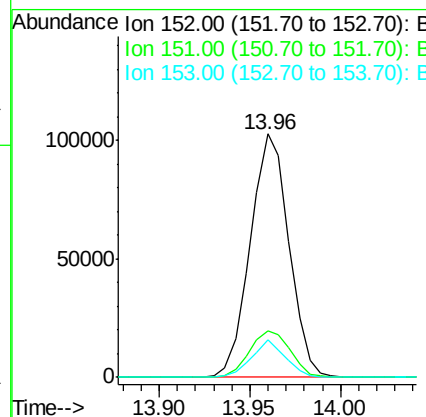
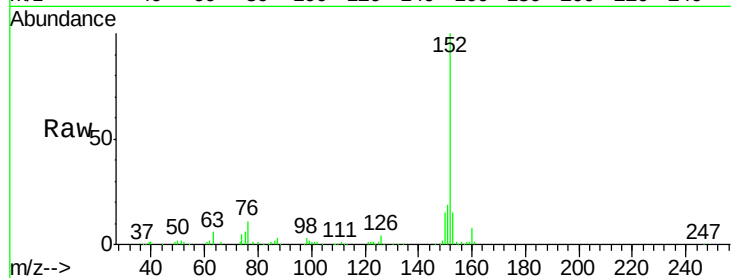
#47  
Acenaphthylene  
Concen: 6.04 ng/ul  
RT: 13.96 min Scan# 1918  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampled :  
MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 152     | 100   |            |            |
| 151     | 18.9  | 16.3       | 24.5       |
| 153     | 15.4  | 10.7       | 16.1       |

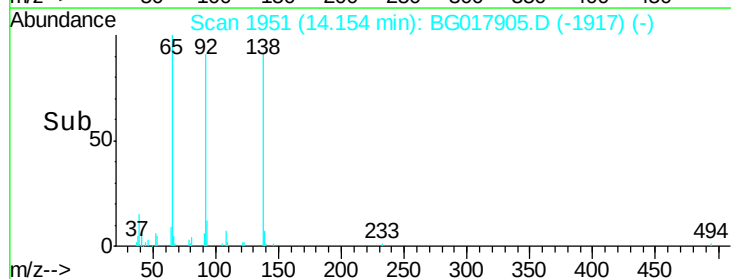
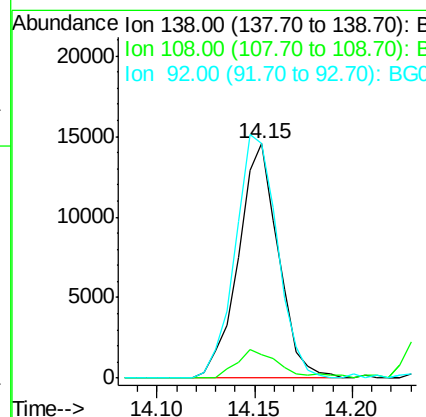
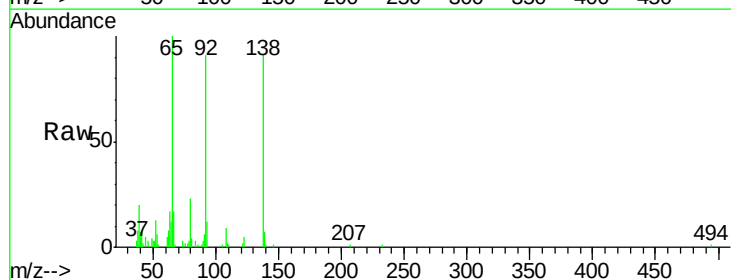
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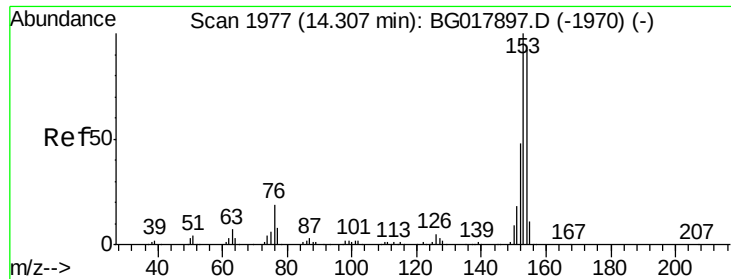
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#48  
3-Nitroaniline  
Concen: 5.42 ng/ul  
RT: 14.15 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 138     | 100   |            |            |
| 108     | 10.0  | 8.7        | 13.1       |
| 92      | 99.8  | 84.3       | 126.5      |





#49

Acenaphthene

Concen: 5.89 ng/ul

RT: 14.31 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

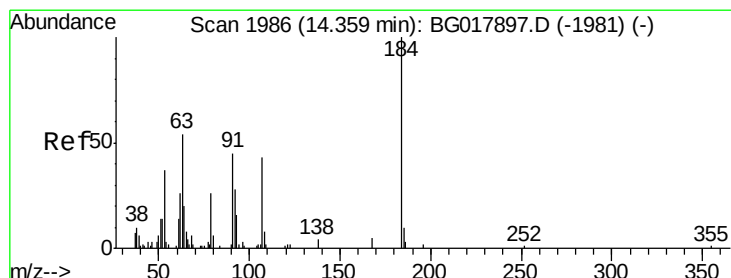
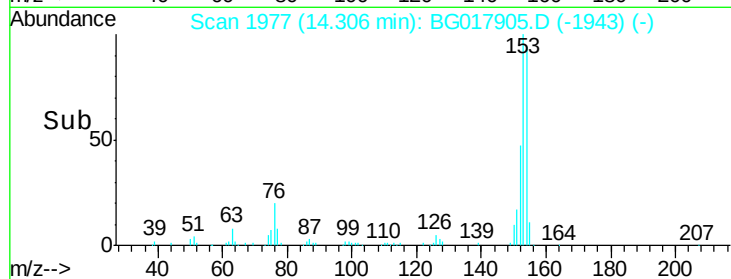
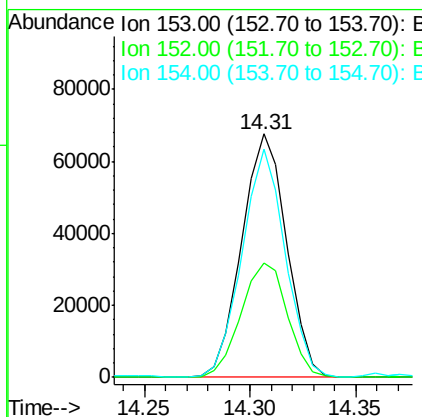
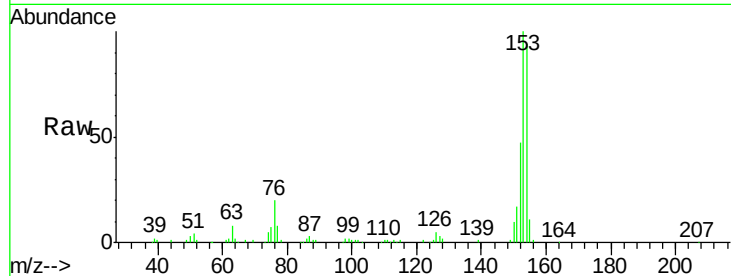
ClientSampleId :

MDL-03-S-ML

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 153   | Resp: | 99792 |
| Ion Ratio | Lower | Upper |       |
| 153       | 100   |       |       |
| 152       | 47.0  | 37.8  | 56.6  |
| 154       | 93.5  | 71.0  | 106.4 |

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#50

2,4-Dinitrophenol

Concen: 1.74 ng/ul

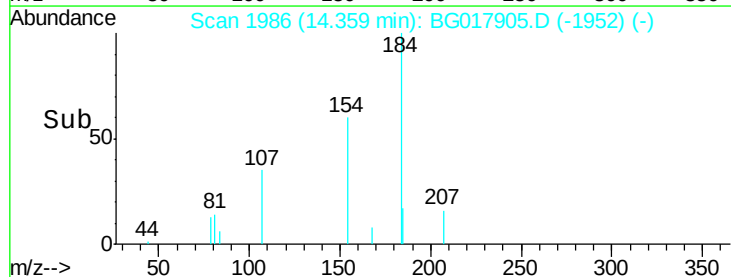
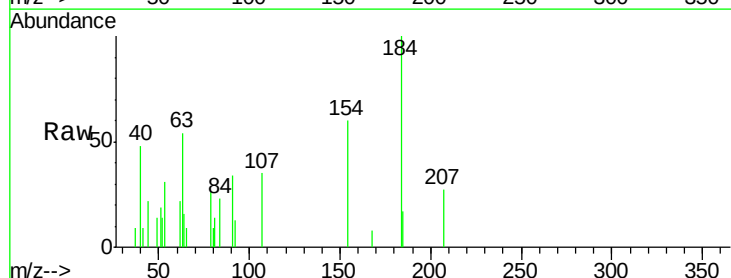
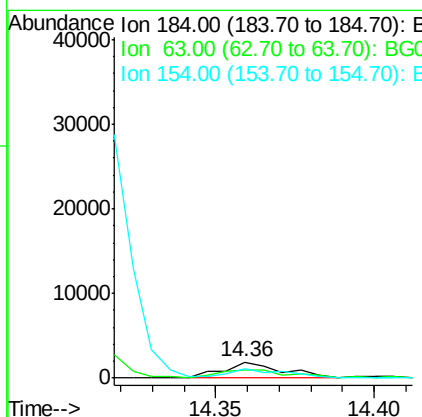
RT: 14.36 min Scan# 1986

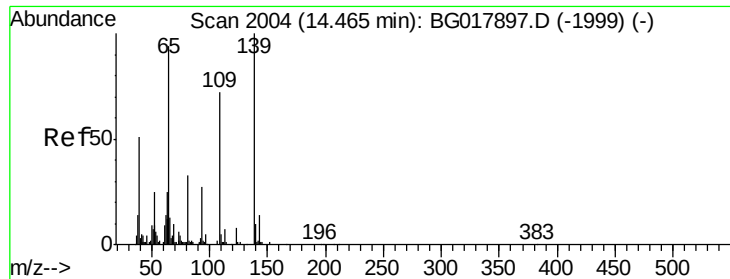
Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 2452  |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 63        | 53.9  | 60.3  | 90.5# |
| 154       | 60.0  | 48.7  | 73.1  |





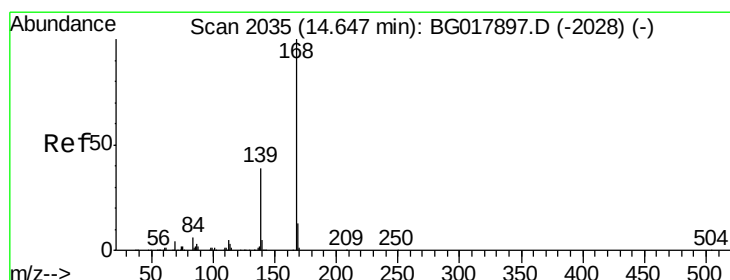
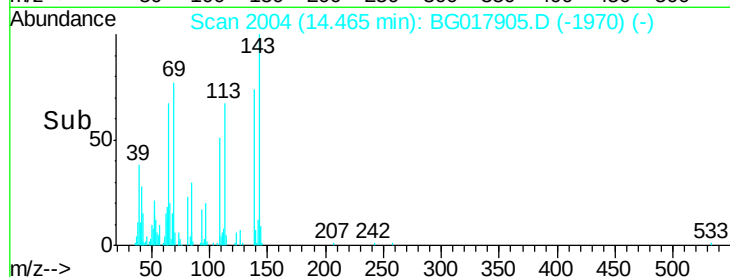
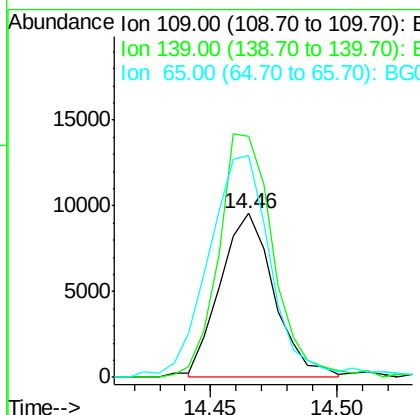
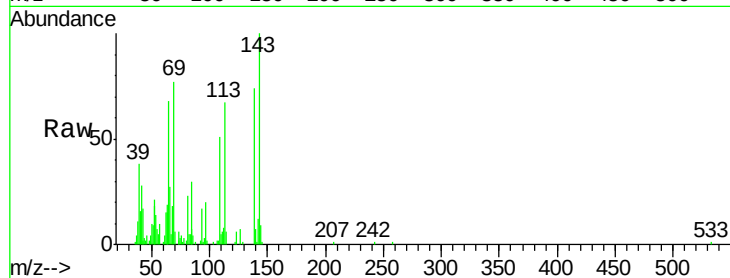
#52  
4-Nitrophenol  
Concen: 5.06 ng/ul  
RT: 14.46 min Scan# 2004  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 109     | 100   | 14181 |        |       |
| 139     | 147.0 | 96.9  | 145.3# |       |
| 65      | 135.1 | 121.1 | 181.7  |       |

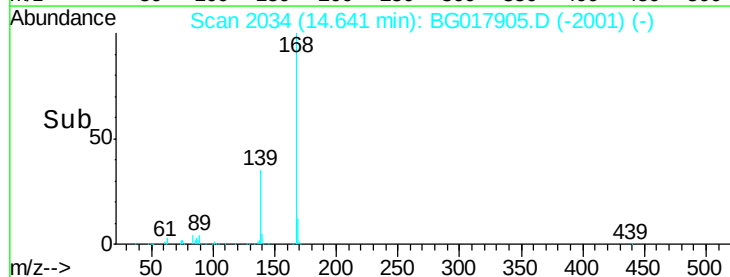
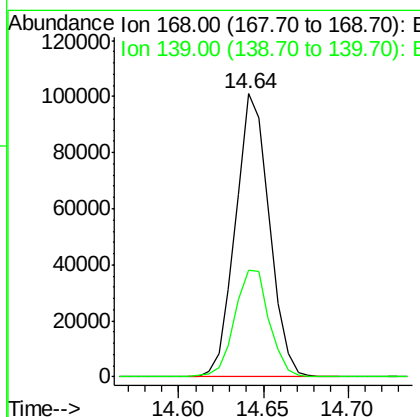
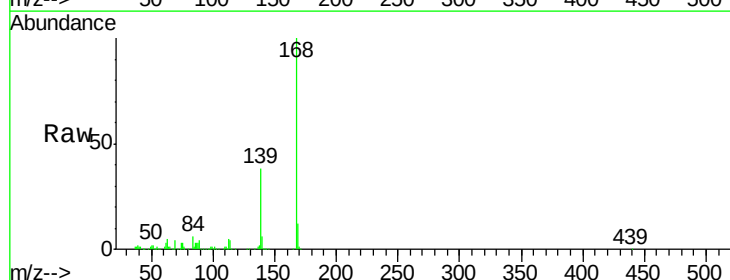
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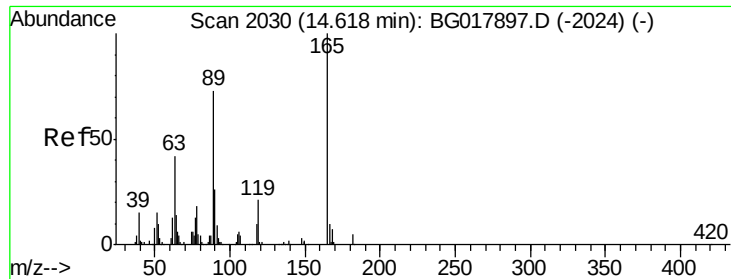
apatel  
7/16/2015 4:38:12 PM



#53  
Dibenzofuran  
Concen: 6.31 ng/ul  
RT: 14.64 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 140705 |       |       |
| 139     | 37.6  | 33.6   | 50.4  |       |





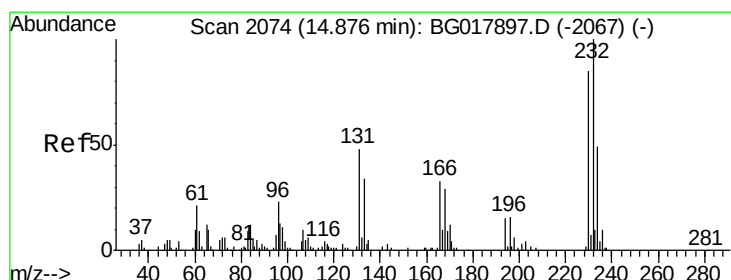
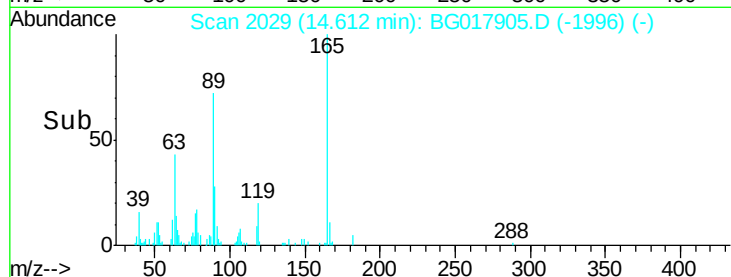
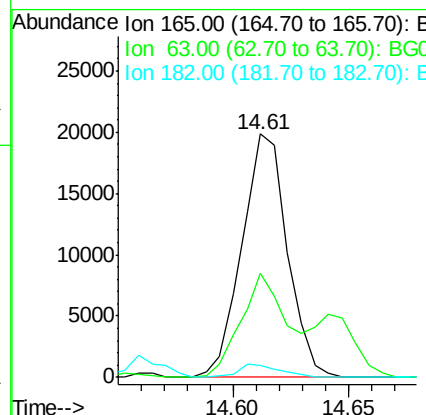
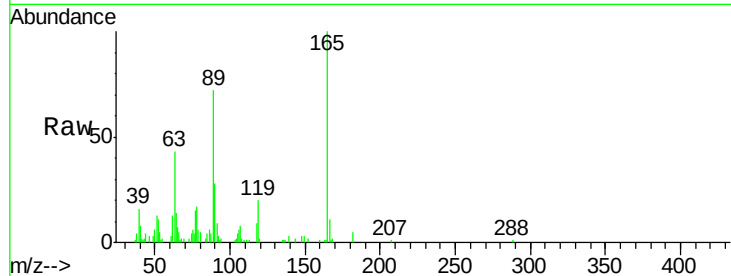
#54  
 2,4-Dinitrotoluene  
 Concen: 5.67 ng/ul  
 RT: 14.61 min Scan# 2029  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 27273 |       |       |
| 63      | 42.8  | 48.0  | 72.0# |       |
| 182     | 4.8   | 3.7   | 5.5   |       |

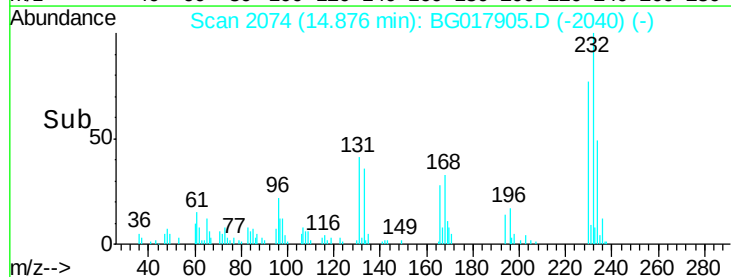
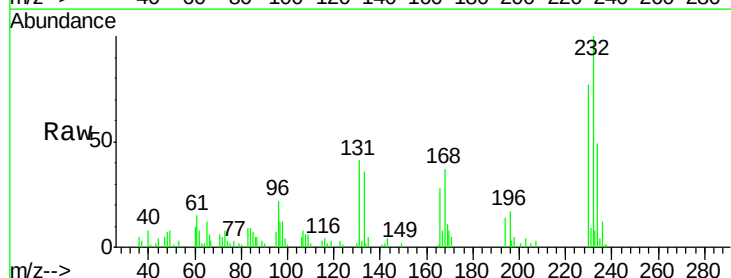
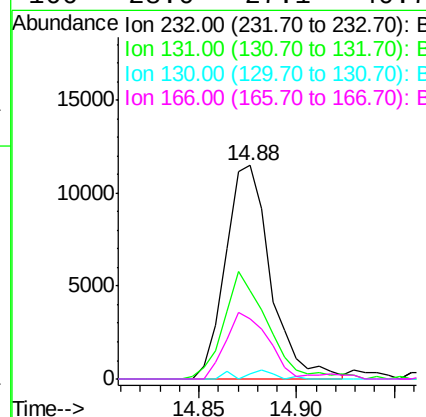
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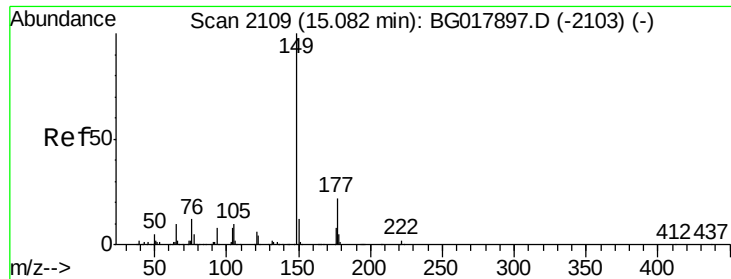


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 6.09 ng/ul  
 RT: 14.88 min Scan# 2074  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 18400 |       |       |
| 131     | 41.4  | 50.1  | 75.1# |       |
| 130     | 2.1   | 2.4   | 3.6#  |       |
| 166     | 28.0  | 27.1  | 40.7  |       |







#56

Diethylphthalate

Concen: 6.29 ng/ul

RT: 15.08 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

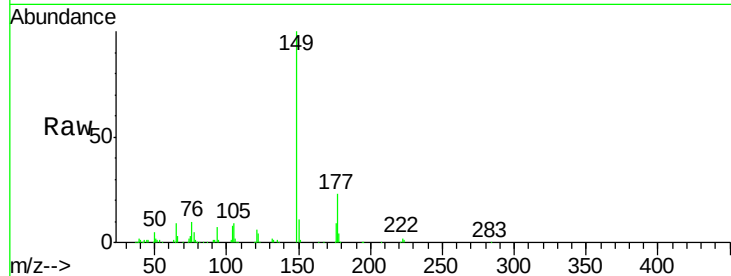
ClientSampleId :

MDL-03-S-ML

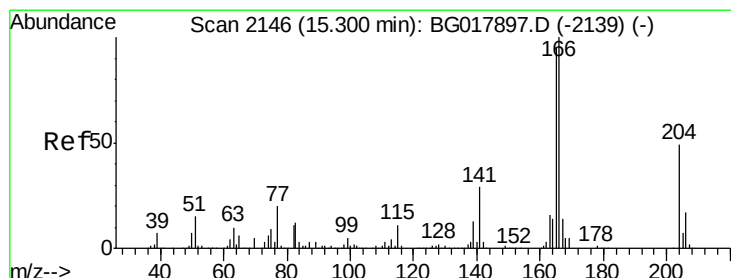
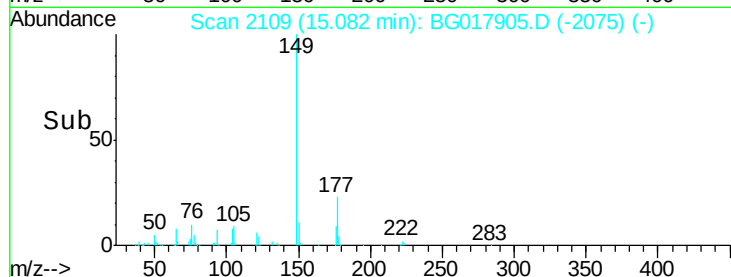
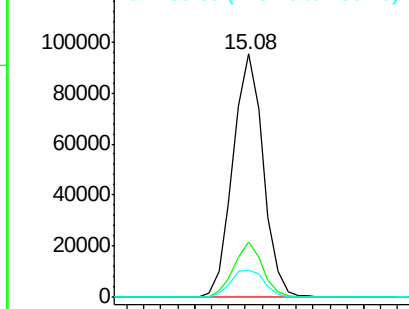
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 119055 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.7  | 17.5  | 26.3   |
| 150       | 11.2  | 10.2  | 15.4   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 6.14 ng/ul

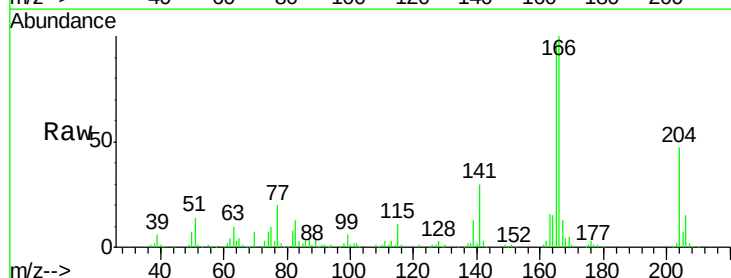
RT: 15.29 min Scan# 2145

Delta R.T. -0.01 min

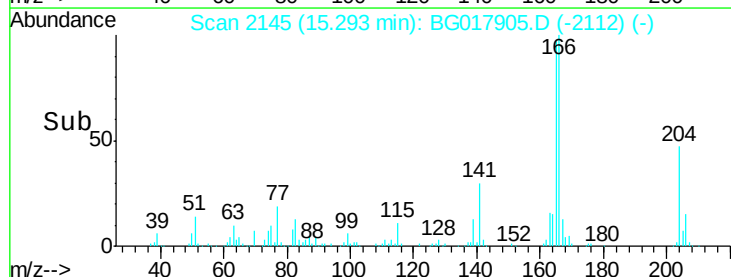
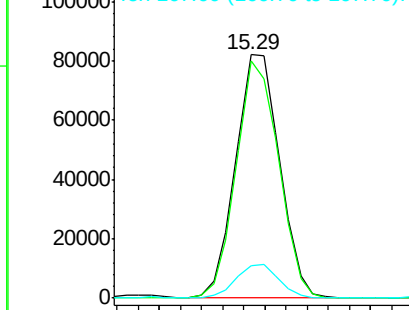
Lab File: BG017905.D

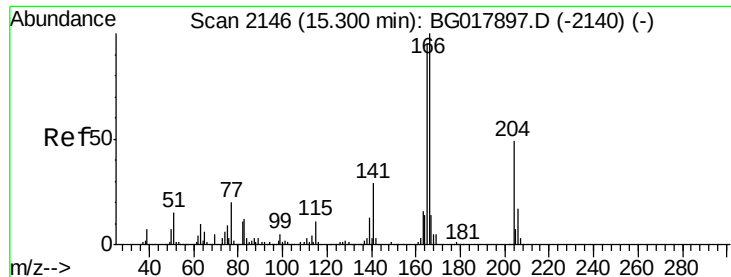
Acq: 16 Jul 2015 4:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 118862 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.4  | 73.3  | 109.9  |
| 167       | 13.4  | 11.0  | 16.4   |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





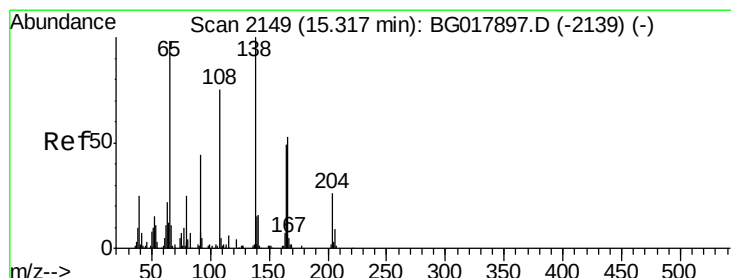
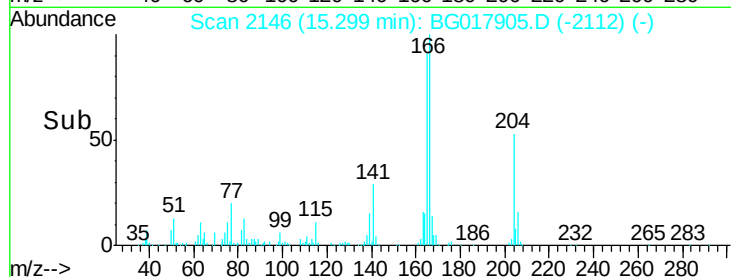
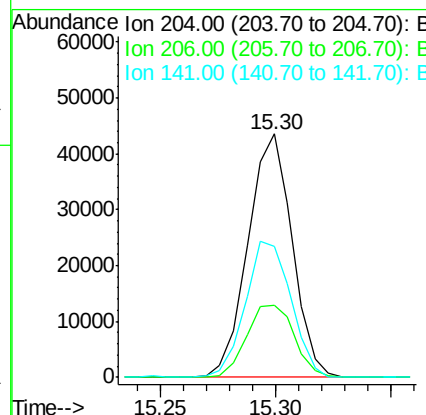
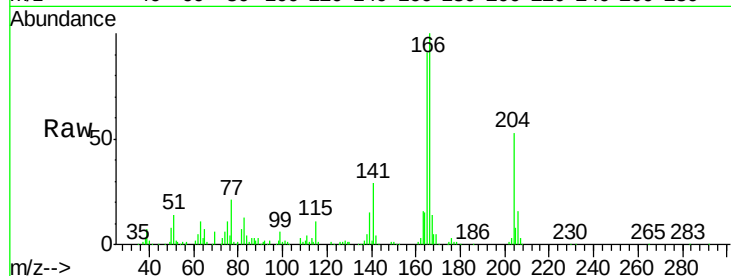
#59  
 4-Chlorophenyl-phenylether  
 Concen: 6.46 ng/ul  
 RT: 15.30 min Scan# 2146  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 29.6  | 25.7       | 38.5       |
| 141     | 53.6  | 52.5       | 78.7       |

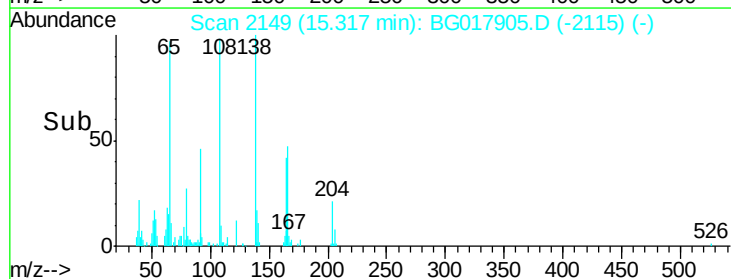
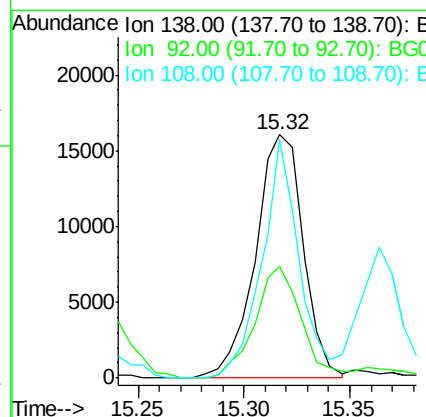
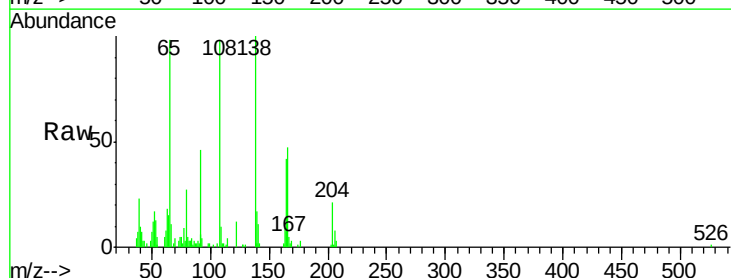
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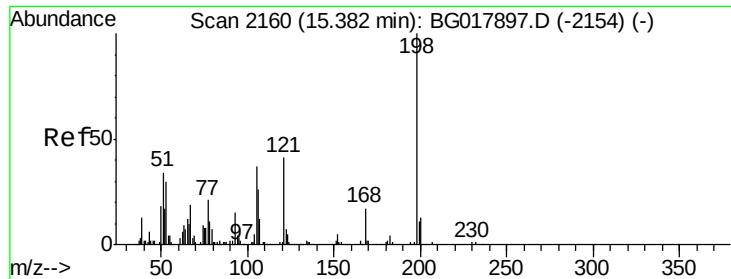
apatel  
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#60  
 4-Nitroaniline  
 Concen: 5.56 ng/ul  
 RT: 15.32 min Scan# 2149  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 138     | 100   |            |            |
| 92      | 45.8  | 38.6       | 58.0       |
| 108     | 97.8  | 62.0       | 93.0       |





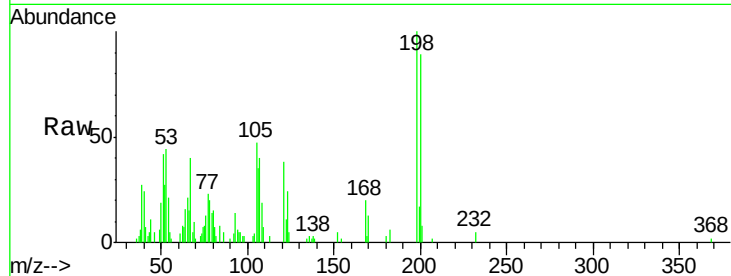
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 4.15 ng/ul  
 RT: 15.38 min Scan# 2160  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 11176 |       |       |
| 182     | 5.9   | 3.8   | 5.8#  |       |
| 77      | 22.8  | 25.8  | 38.6# |       |

Manual Integrations  
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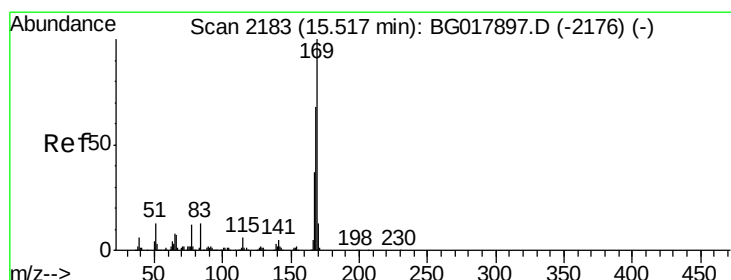
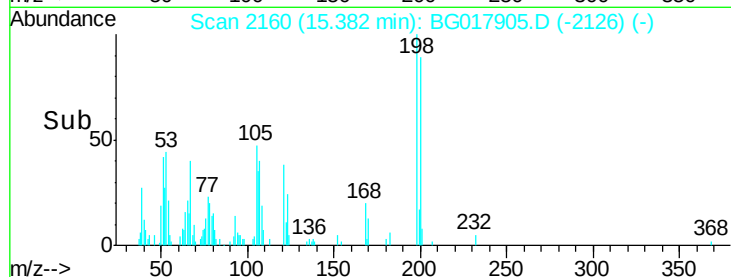
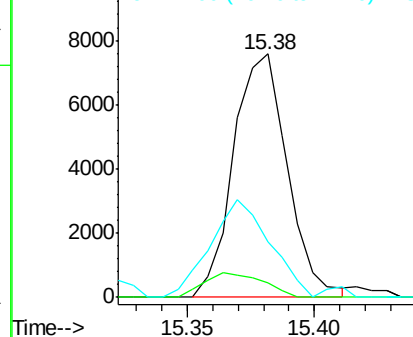


Abundance

Ion 198.00 (197.70 to 198.70): E

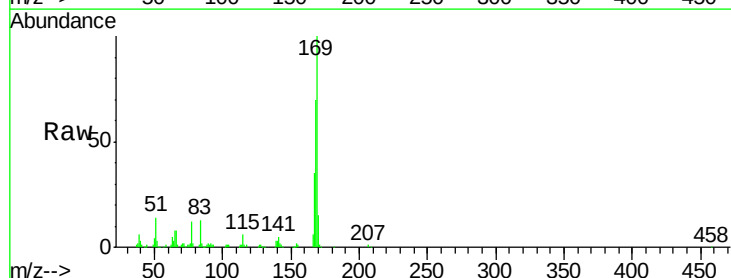
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



#64  
 N-Nitrosodiphenylamine  
 Concen: 6.10 ng/ul  
 RT: 15.51 min Scan# 2182  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 96011 |       |       |
| 168     | 69.8  | 53.7  | 80.5  |       |
| 167     | 35.1  | 29.8  | 44.8  |       |

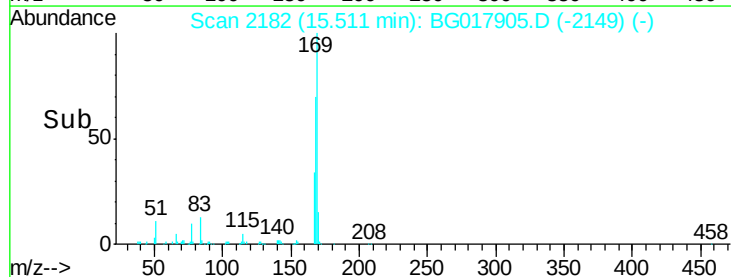
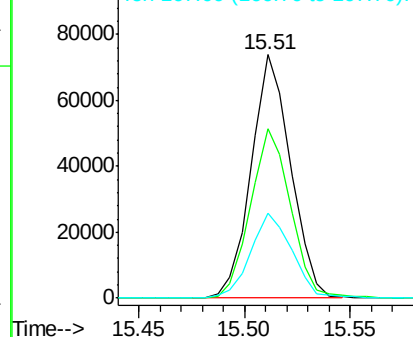


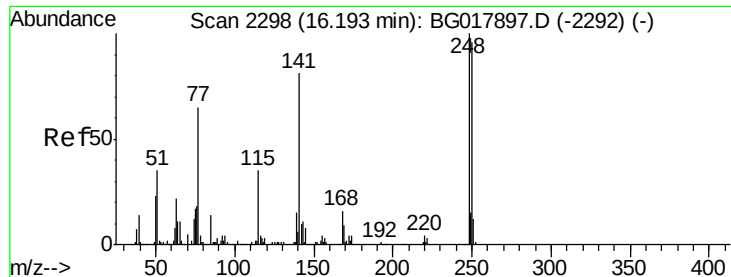
Abundance

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





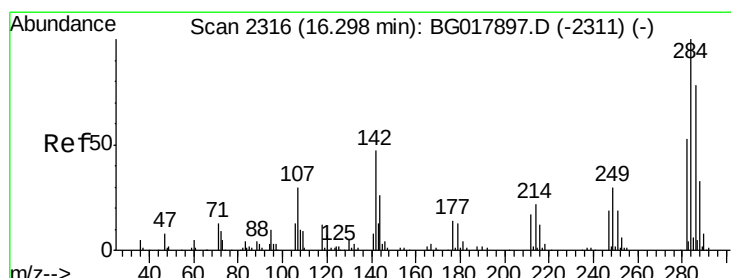
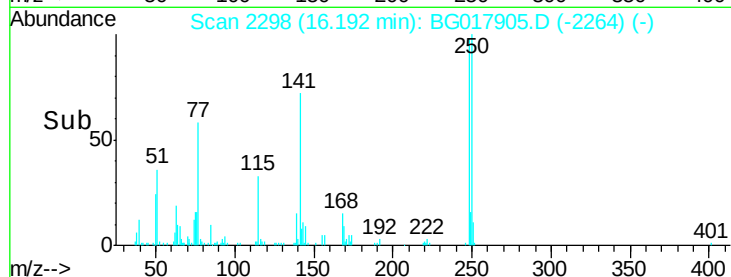
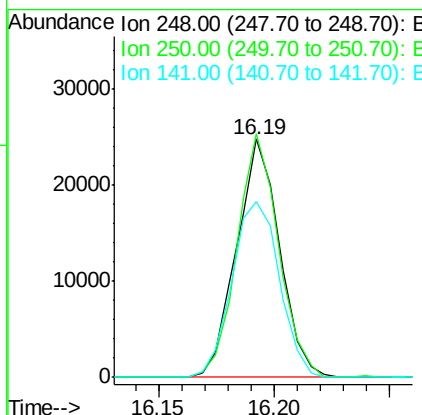
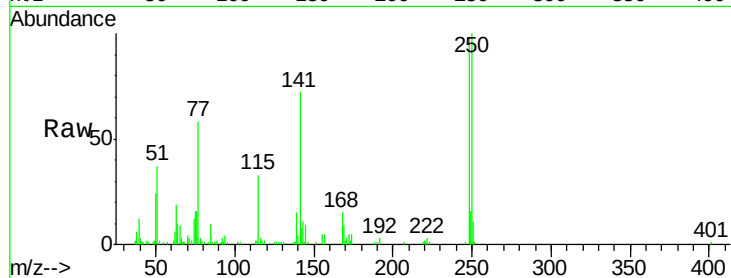
#65  
4-Bromophenyl-phenylether  
Concen: 6.49 ng/ul  
RT: 16.19 min Scan# 2298  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 102.3 | 81.8  | 122.6 |
| 141     | 74.0  | 77.6  | 116.4 |

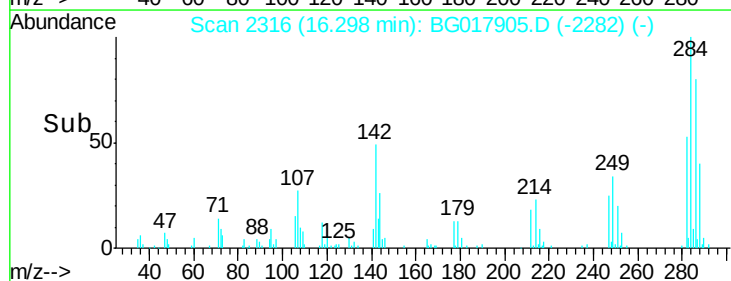
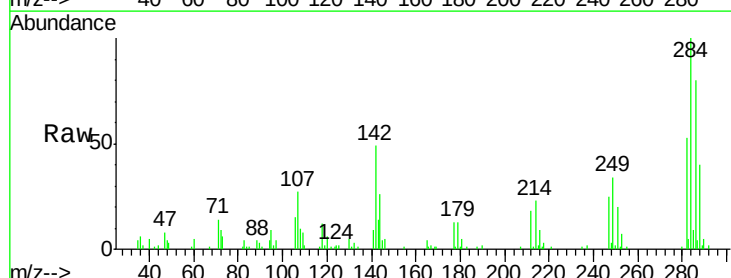
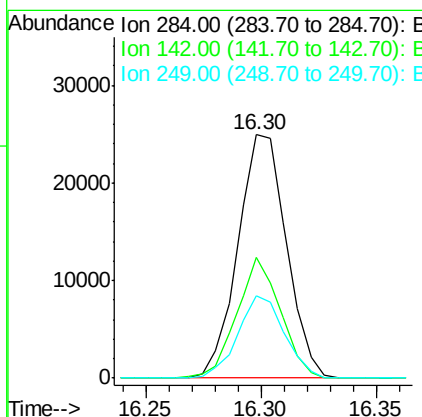
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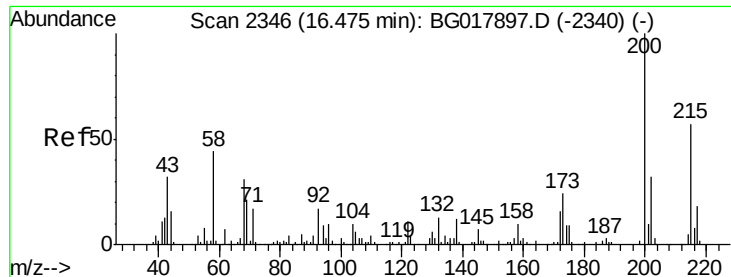
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#66  
Hexachlorobenzene  
Concen: 6.80 ng/ul  
RT: 16.30 min Scan# 2316  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 49.4  | 41.8  | 62.6  |
| 249     | 35.7  | 23.3  | 34.9  |





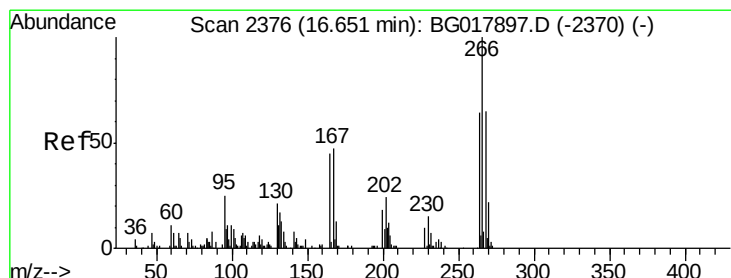
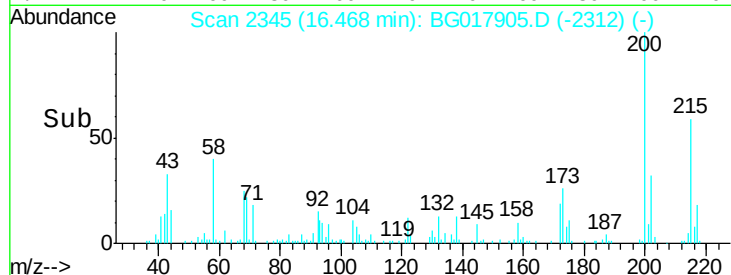
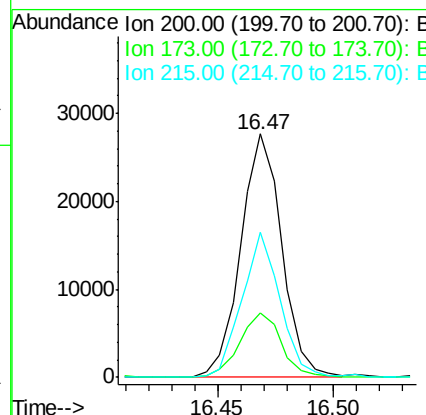
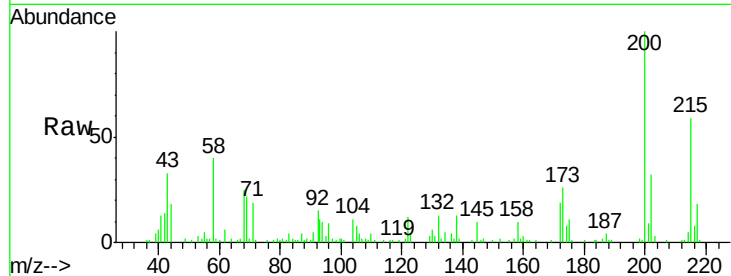
#67  
Atrazine  
Concen: 6.35 ng/ul  
RT: 16.47 min Scan# 2345  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 26.5  | 20.6       | 30.8       |
| 215     | 59.4  | 40.0       | 60.0       |

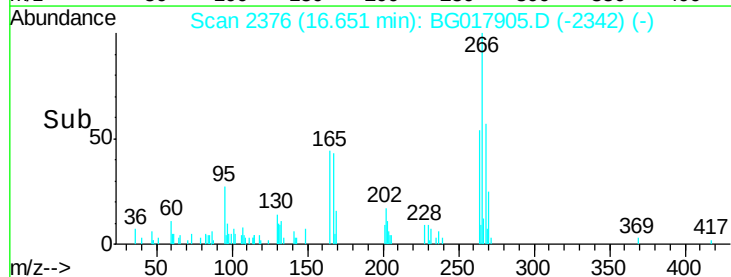
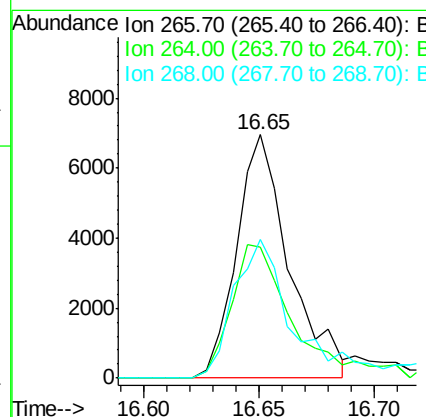
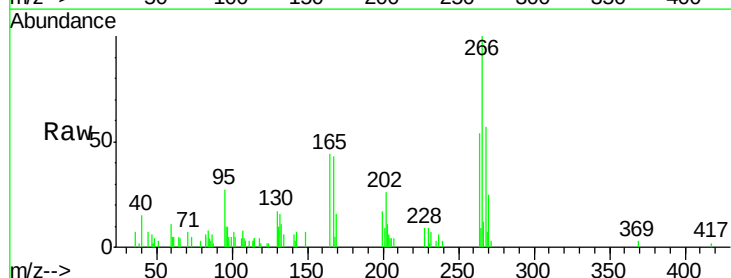
Manual Integrations  
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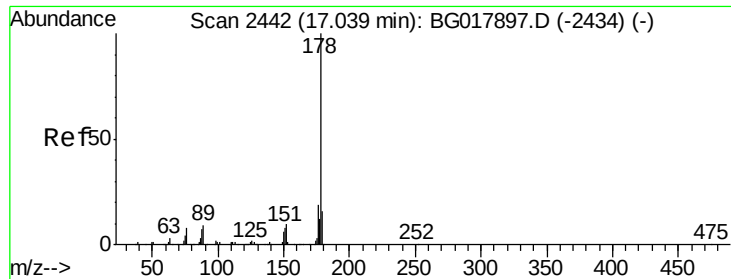
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#68  
Pentachlorophenol  
Concen: 4.14 ng/ul  
RT: 16.65 min Scan# 2376  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 264     | 53.8  | 52.0       | 78.0       |
| 268     | 57.0  | 57.3       | 85.9#      |





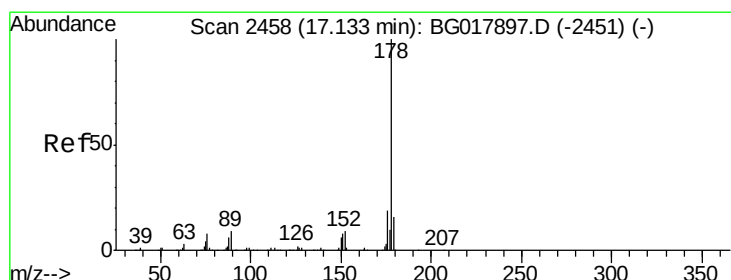
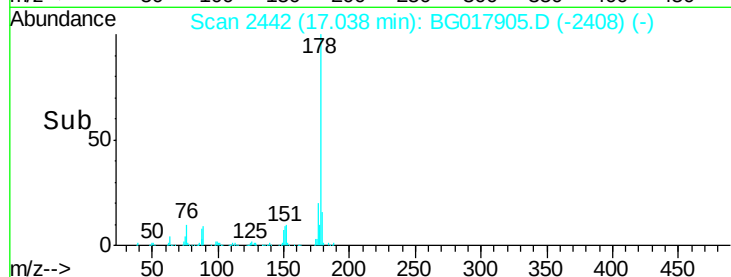
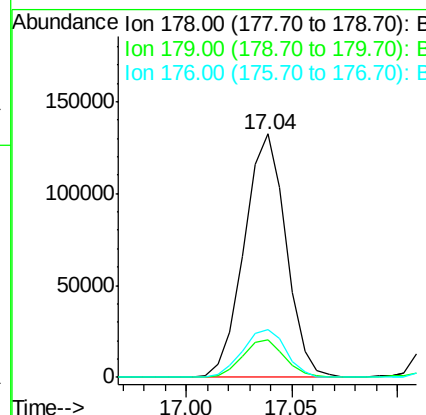
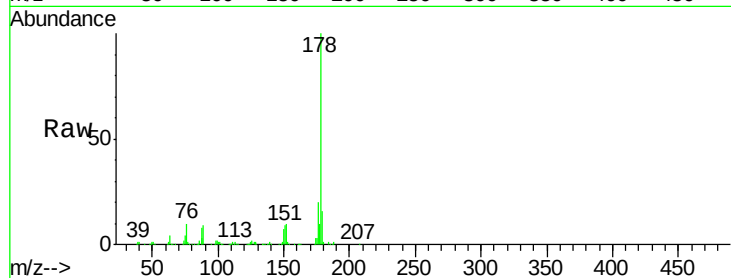
#69  
 Phenanthrene  
 Concen: 6.36 ng/ul  
 RT: 17.04 min Scan# 2442  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 178     | 100   |            |            |
| 179     | 15.5  | 12.6       | 18.8       |
| 176     | 19.8  | 16.2       | 24.2       |

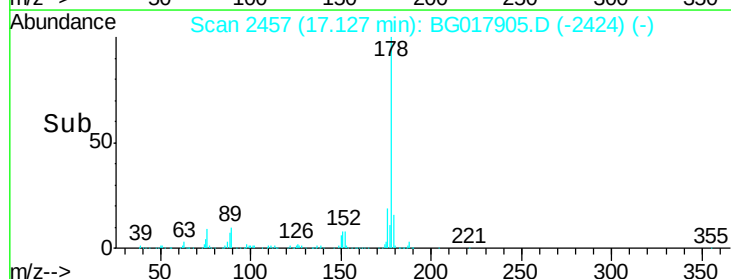
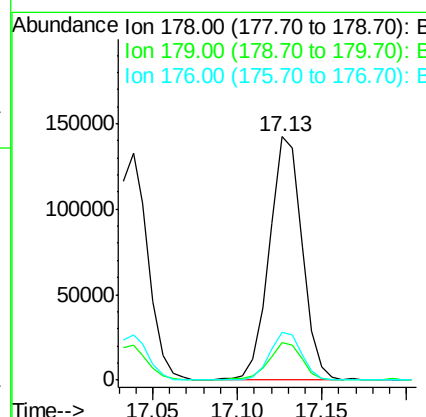
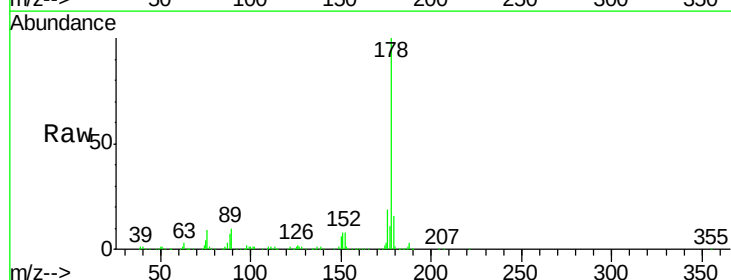
Manual Integrations  
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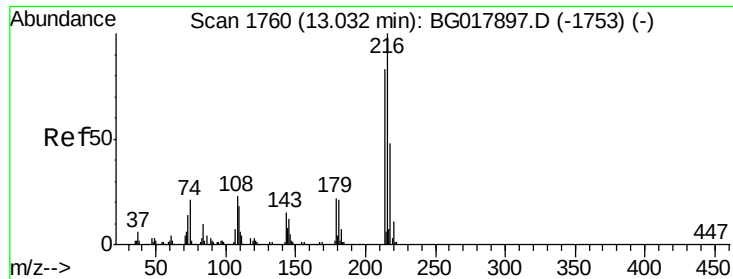
apatel  
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#71  
 Anthracene  
 Concen: 6.58 ng/ul  
 RT: 17.13 min Scan# 2457  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 178     | 100   |            |            |
| 179     | 15.6  | 12.6       | 19.0       |
| 176     | 19.4  | 16.5       | 24.7       |





#72

1,2,3,4-Tetrachlorobenzene

Concen: 5.87 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

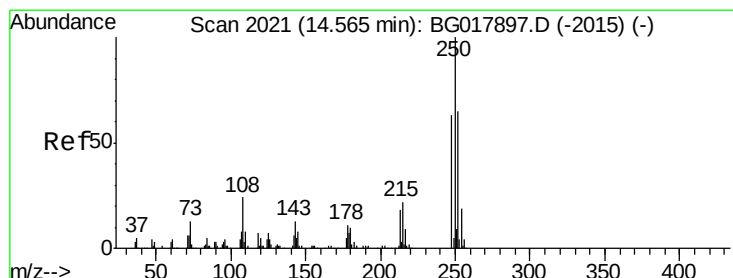
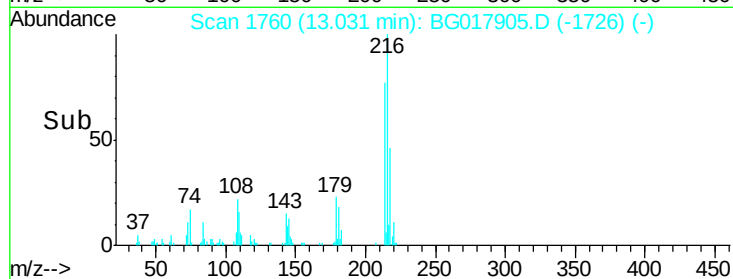
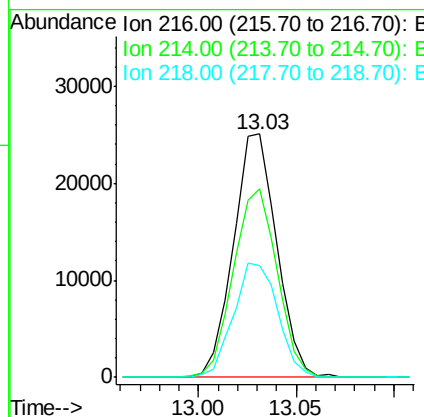
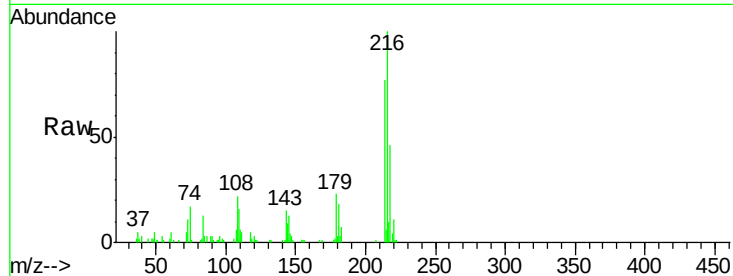
ClientSampleId :

MDL-03-S-ML

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 38567 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 77.3  | 59.0  | 88.6  |
| 218       | 46.0  | 35.8  | 53.6  |

Manual Integrations  
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#73

Pentachlorobenzene

Concen: 7.27 ng/uL

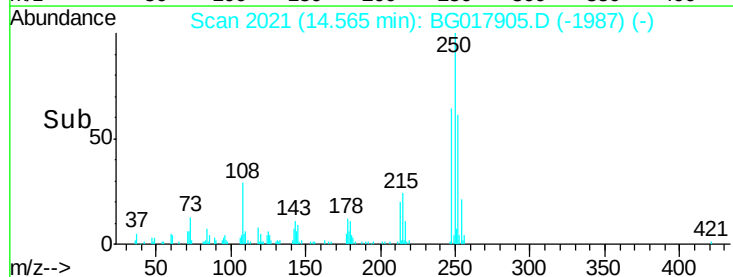
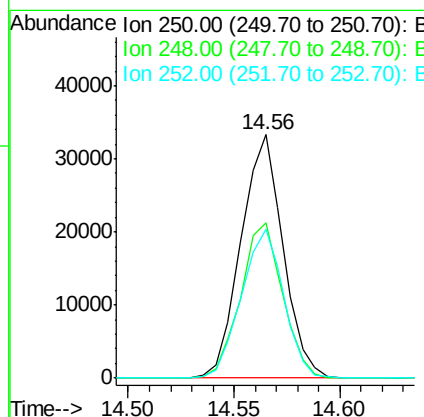
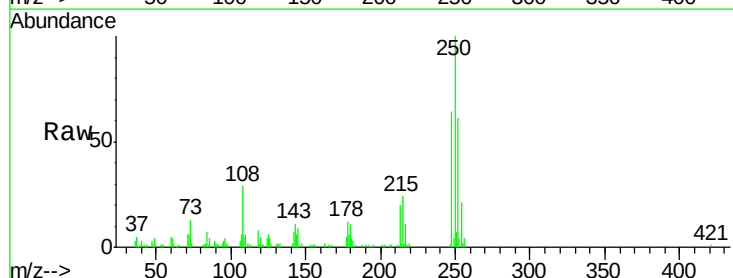
RT: 14.56 min Scan# 2021

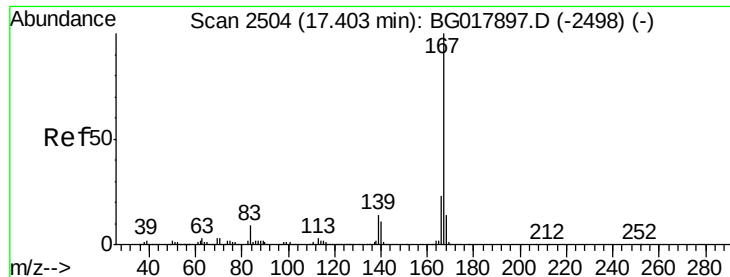
Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 250   | Resp: | 45830 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 63.9  | 48.8  | 73.2  |
| 252       | 61.4  | 48.2  | 72.2  |





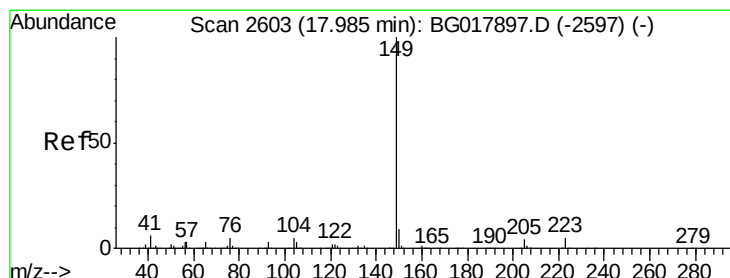
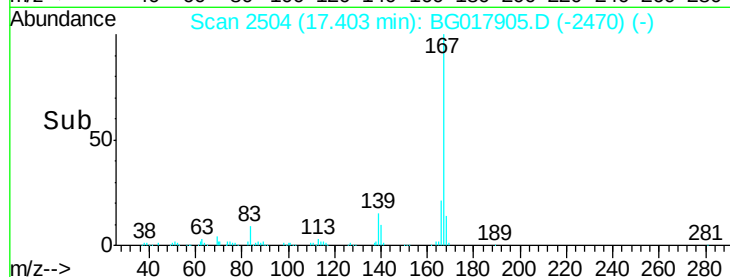
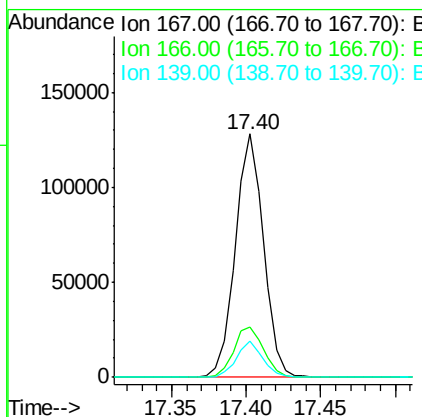
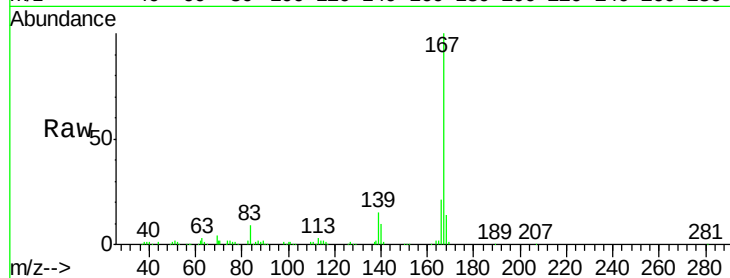
#74  
 Carbazole  
 Concen: 6.63 ng/ul  
 RT: 17.40 min Scan# 2504  
 Delta R.T. -0.00 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.7  | 17.8  | 26.8  |
| 139     | 15.0  | 11.4  | 17.2  |

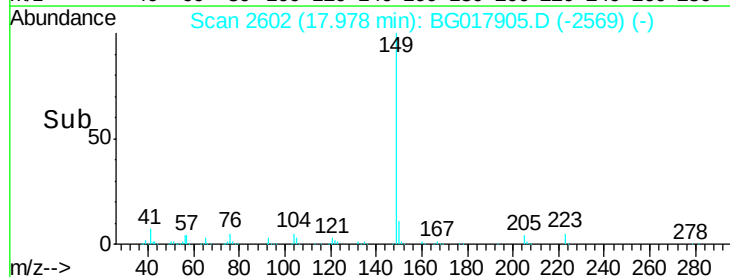
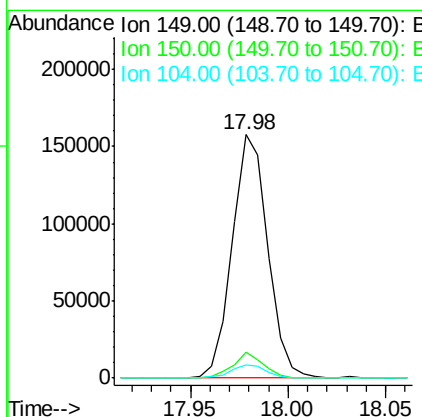
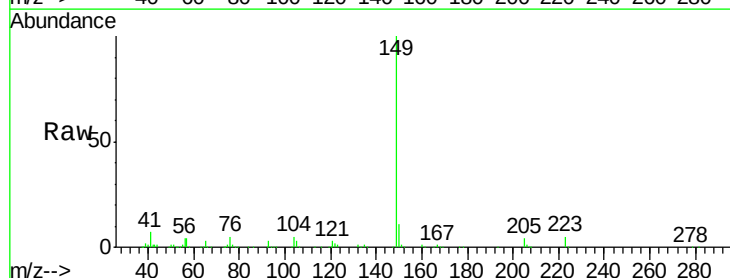
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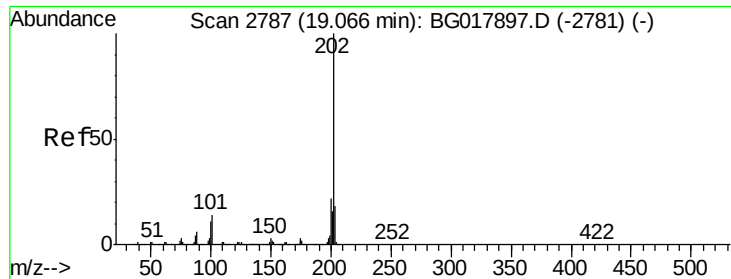


#75  
 Di-n-butylphthalate  
 Concen: 6.22 ng/ul  
 RT: 17.98 min Scan# 2602  
 Delta R.T. -0.01 min  
 Lab File: BG017905.D  
 Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.6  | 8.2   | 12.2  |
| 104     | 5.3   | 5.4   | 8.2#  |







#76

Fluoranthene

Concen: 6.84 ng/ul

RT: 19.07 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

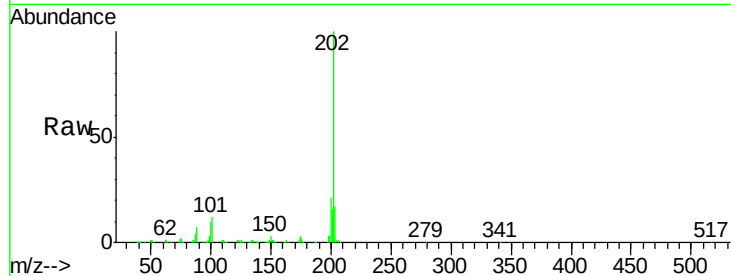
ClientSampleId :

MDL-03-S-ML

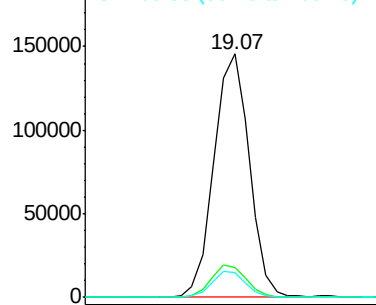
| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 202 | 100  |       | 198091 |       |       |
| 101 | 12.3 | 12.3  | 18.5#  |       |       |
| 100 | 10.0 | 9.2   | 13.8   |       |       |

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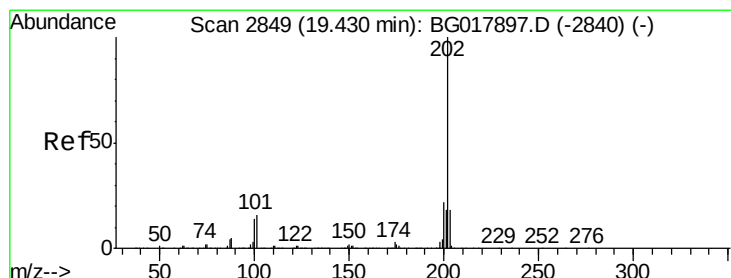
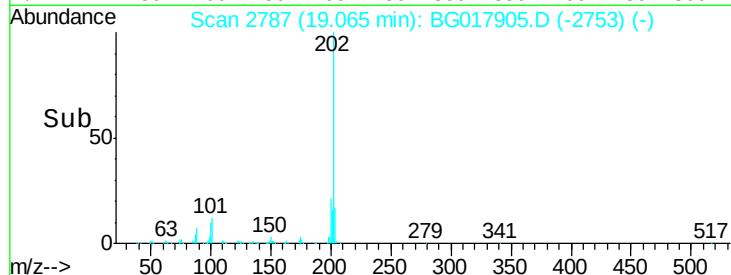
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 6.78 ng/ul

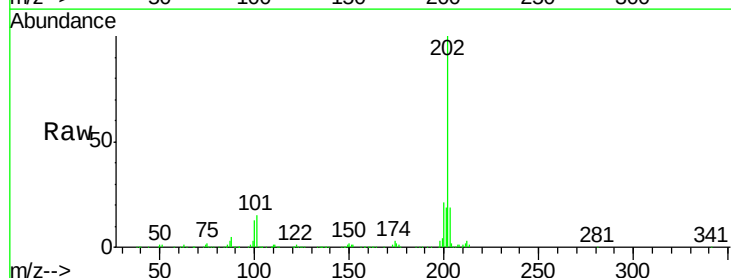
RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

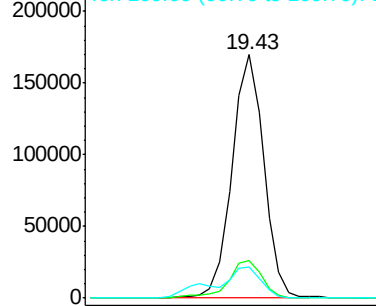
Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

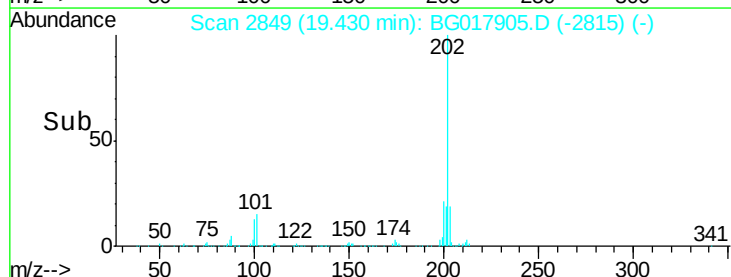
| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 202 | 100  |       | 222764 |       |       |
| 101 | 15.2 | 13.8  | 20.6   |       |       |
| 100 | 12.6 | 11.2  | 16.8   |       |       |

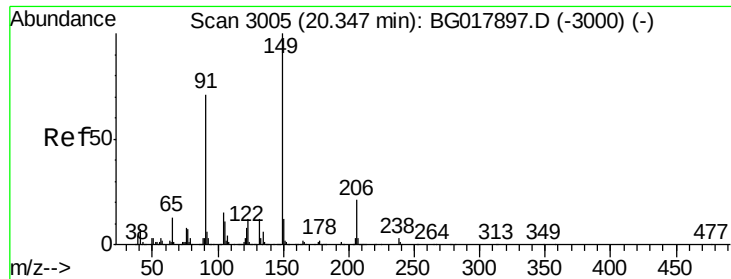


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B



Time-->





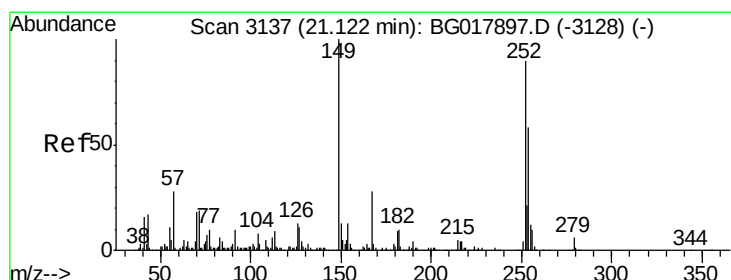
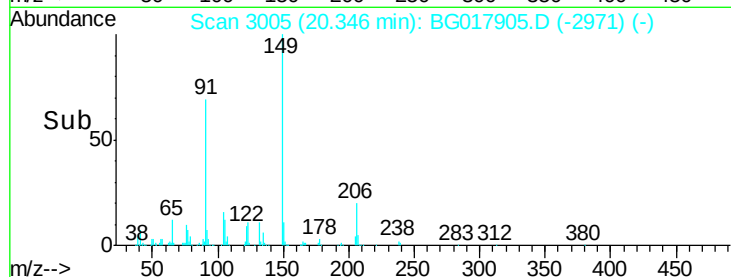
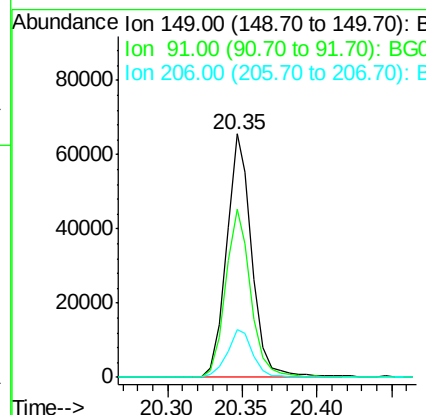
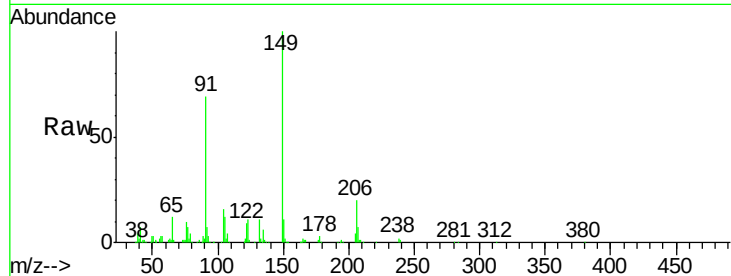
#80  
Butylbenzylphthalate  
Concen: 5.80 ng/ul  
RT: 20.35 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.3  | 64.3  | 96.5  |
| 206     | 19.7  | 15.3  | 22.9  |

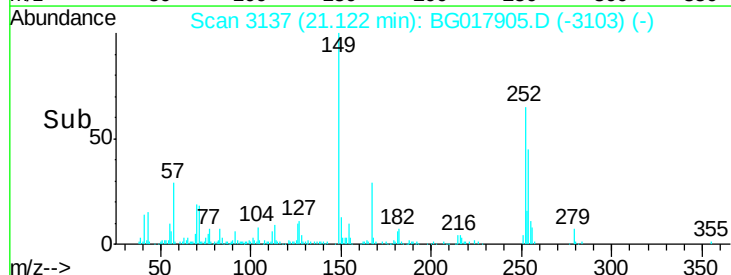
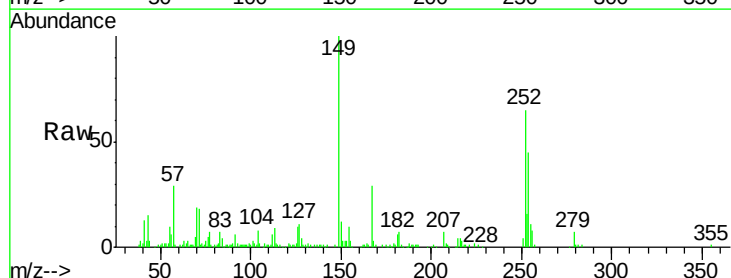
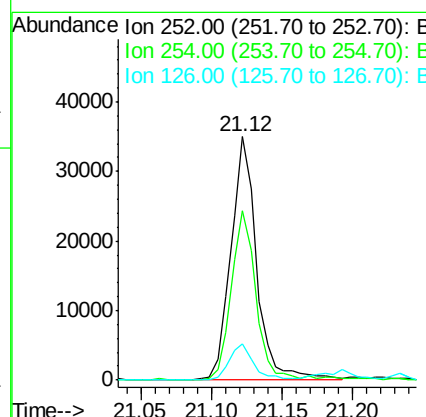
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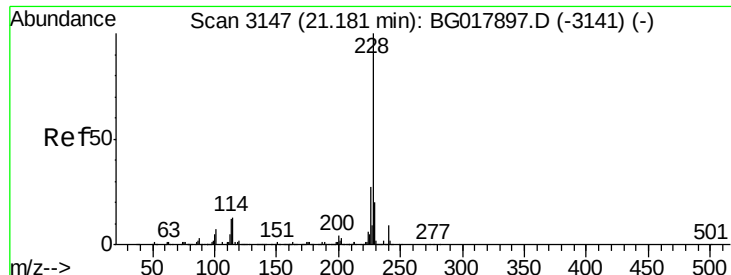
apatel  
7/16/2015 4:38:12 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 5.59 ng/ul  
RT: 21.12 min Scan# 3137  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 69.4  | 54.2  | 81.2  |
| 126     | 15.0  | 13.3  | 19.9  |





#82

Benzo(a)anthracene

Concen: 6.72 ng/ul

RT: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

Instrument :

BNA\_G

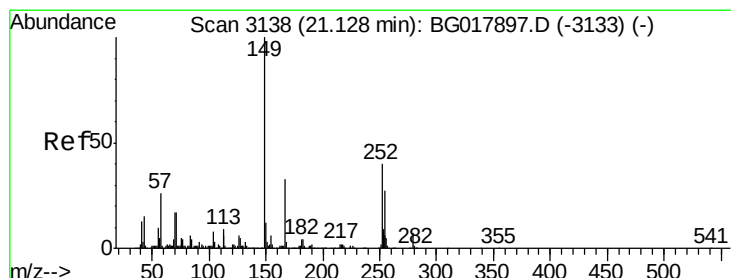
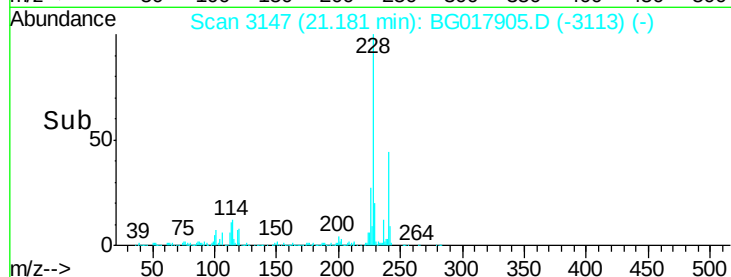
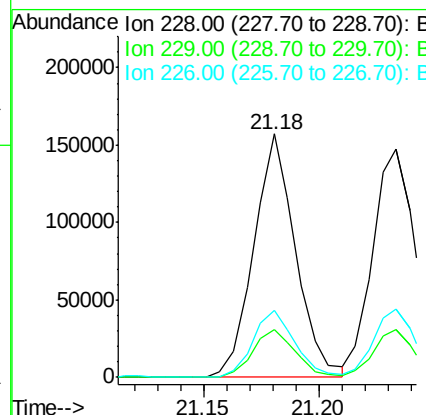
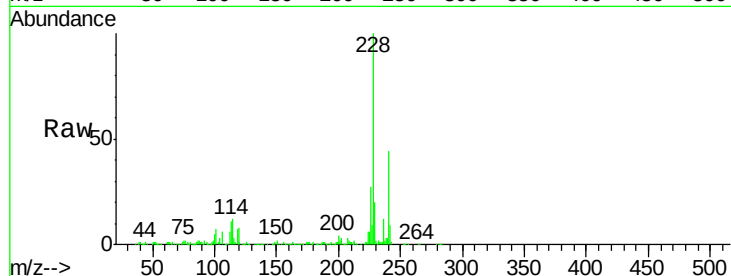
ClientSampleId :

MDL-03-S-ML

| Tgt | Ion  | Resp | Lower | Upper |
|-----|------|------|-------|-------|
| 228 | 100  |      |       |       |
| 229 | 19.6 | 16.5 | 24.7  |       |
| 226 | 27.4 | 22.0 | 33.0  |       |

Manual Integrations  
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#83

Bis(2-ethylhexyl)phthalate

Concen: 5.67 ng/ul

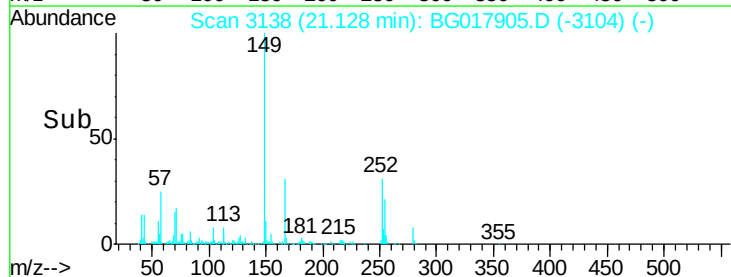
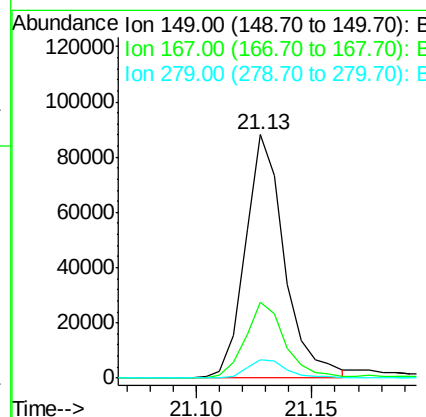
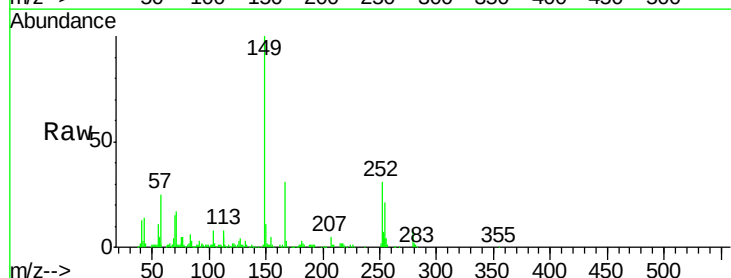
RT: 21.13 min Scan# 3138

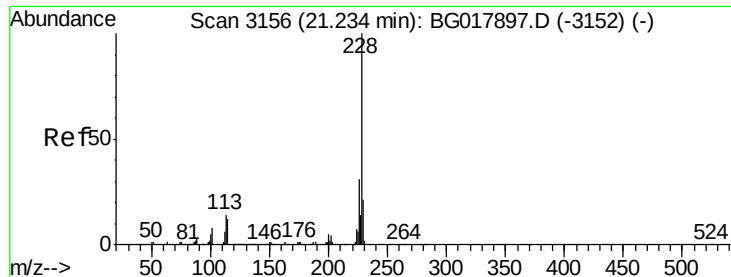
Delta R.T. -0.00 min

Lab File: BG017905.D

Acq: 16 Jul 2015 4:50

| Tgt | Ion  | Resp | Lower | Upper |
|-----|------|------|-------|-------|
| 149 | 100  |      |       |       |
| 167 | 31.2 | 22.9 | 34.3  |       |
| 279 | 7.8  | 5.8  | 8.6   |       |





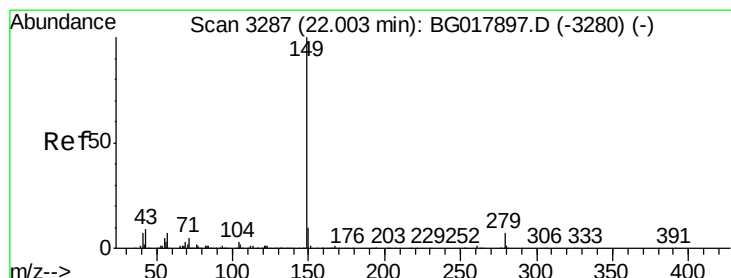
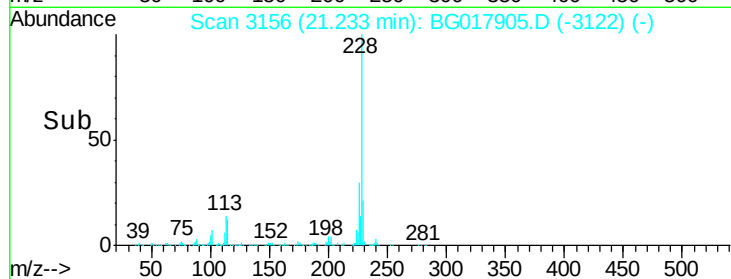
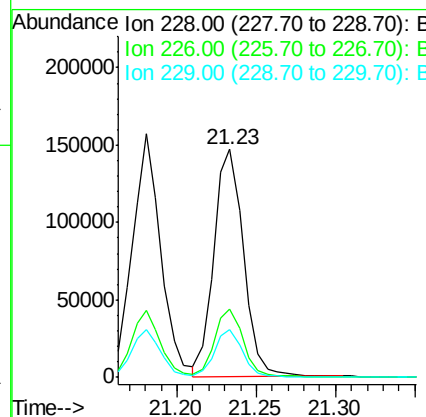
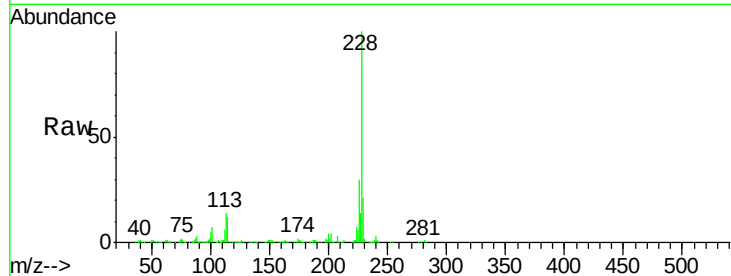
#84  
Chrysene  
Concen: 6.74 ng/ul  
RT: 21.23 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 24.3  | 36.5  |
| 229     | 20.7  | 15.4  | 23.2  |

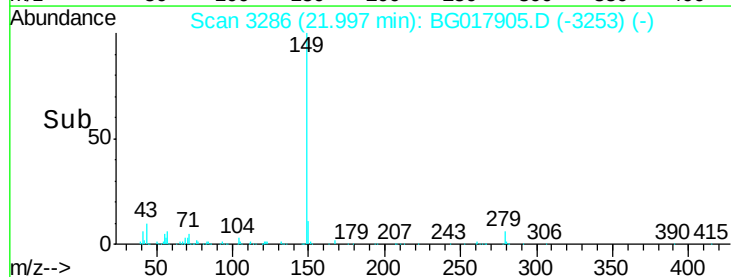
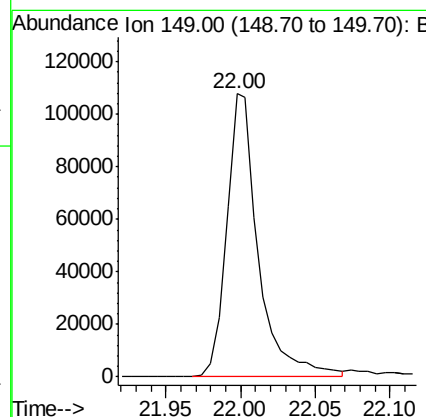
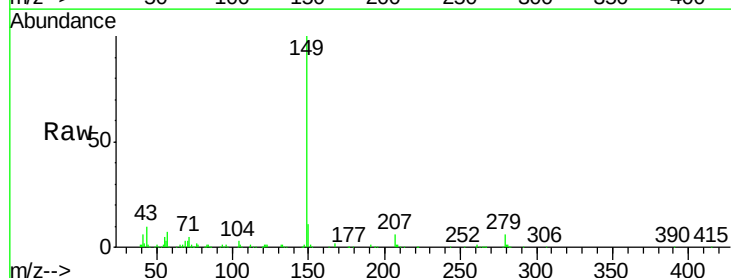
Manual Integrations  
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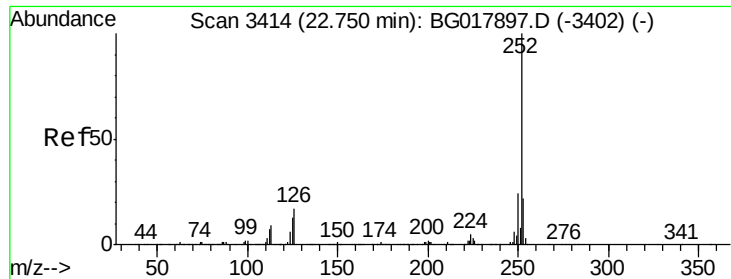
apatel  
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#86  
Di-n-octyl phthalate  
Concen: 5.37 ng/ul  
RT: 22.00 min Scan# 3286  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Tgt Ion:149 Resp: 158739





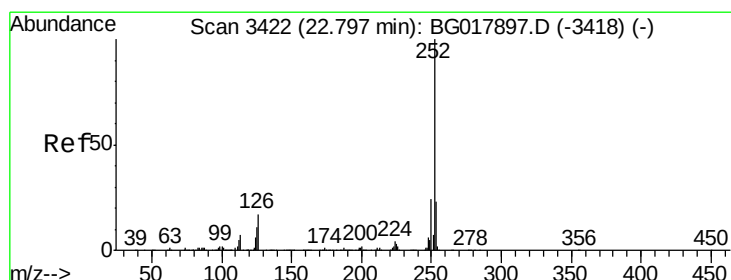
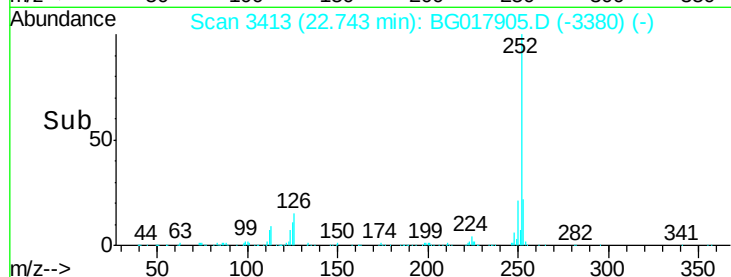
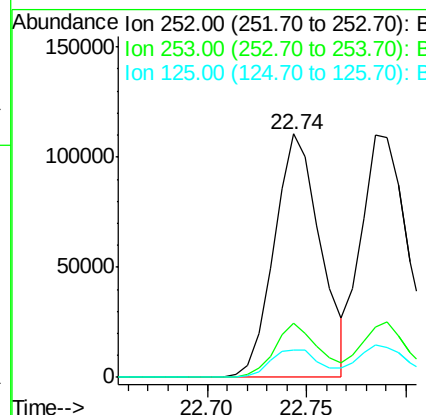
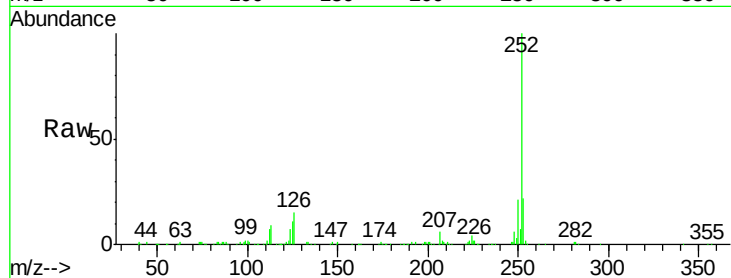
#87  
Benzo(b)fluoranthene  
Concen: 6.44 ng/ul m  
RT: 22.74 min Scan# 3413  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.6  | 26.4  |
| 125     | 11.4  | 11.5  | 17.3  |

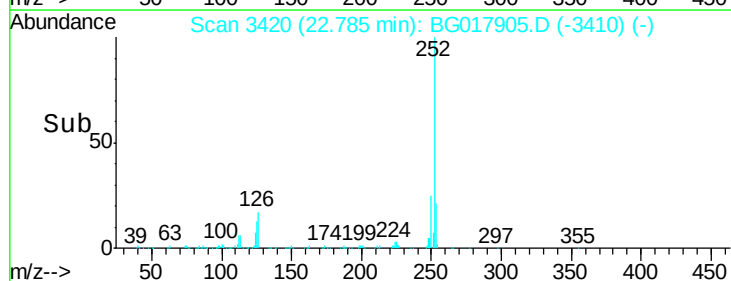
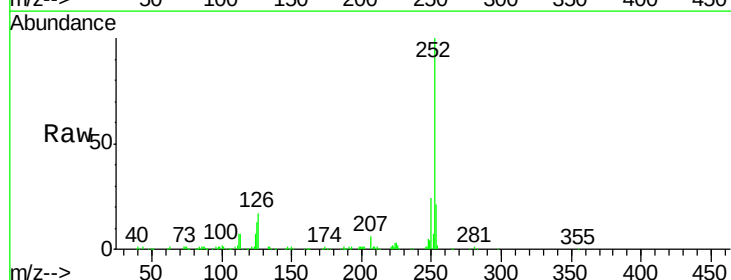
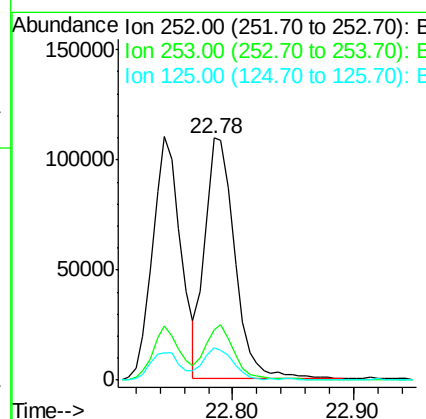
Manual Integrations  
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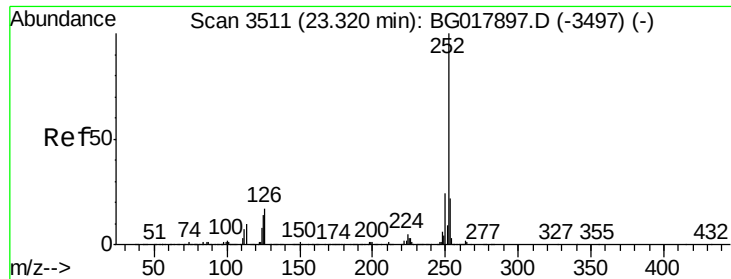
apatel  
7/16/2015 4:38:12 PM



#88  
Benzo(k)fluoranthene  
Concen: 6.45 ng/ul  
RT: 22.78 min Scan# 3420  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 17.4  | 26.0  |
| 125     | 13.1  | 13.1  | 19.7  |





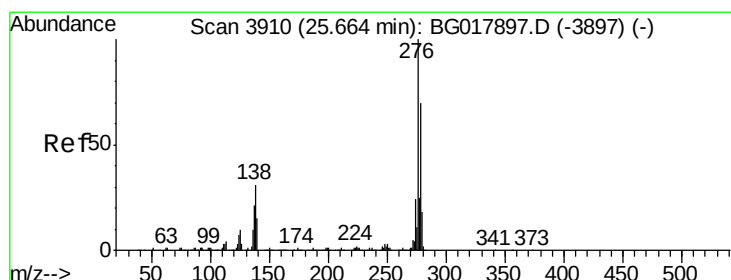
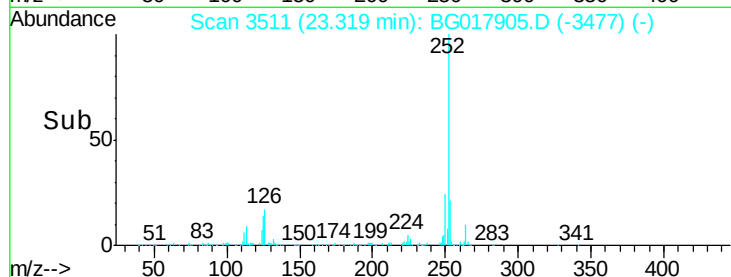
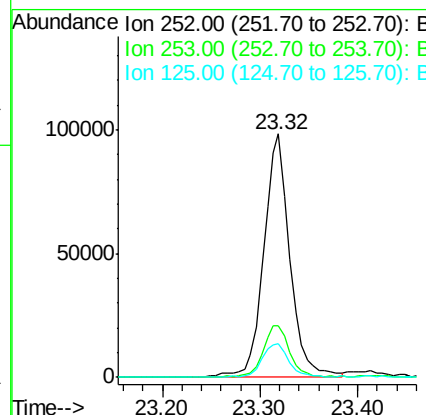
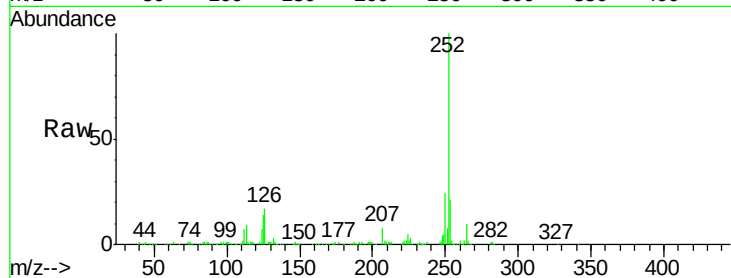
#90  
Benzo(a)pyrene  
Concen: 6.61 ng/ul  
RT: 23.32 min Scan# 3511  
Delta R.T. -0.00 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 21.3  | 16.6       | 25.0       |
| 125     | 14.1  | 11.8       | 17.8       |

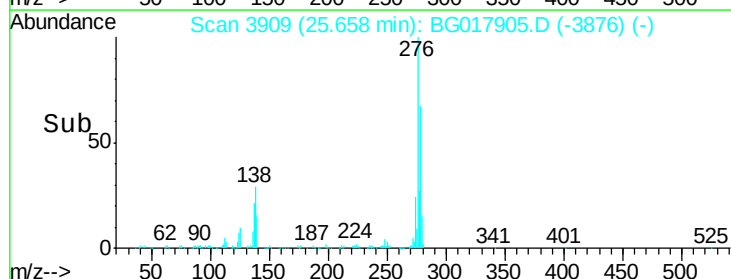
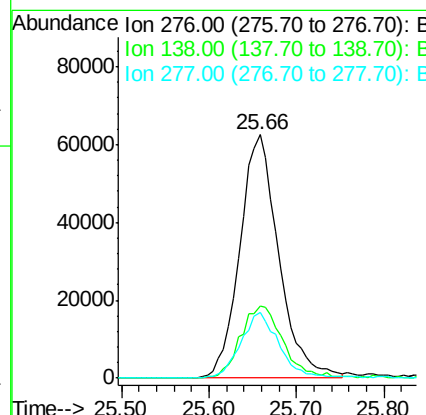
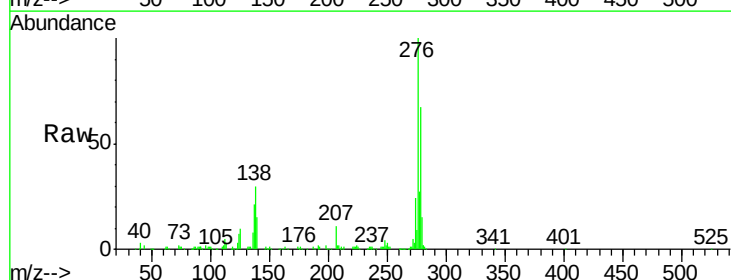
Manual Integrations  
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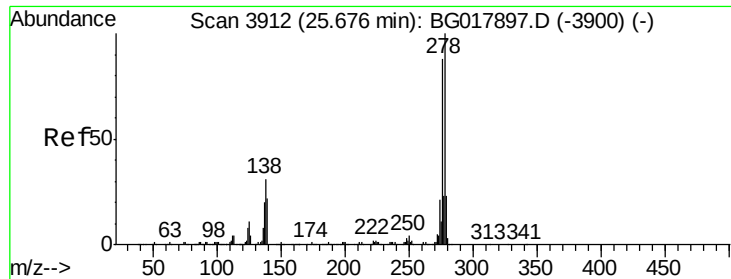
apatel  
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#91  
Indeno(1,2,3-cd)pyrene  
Concen: 6.32 ng/ul  
RT: 25.66 min Scan# 3909  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 29.6  | 29.4       | 44.0       |
| 277     | 27.1  | 20.7       | 31.1       |





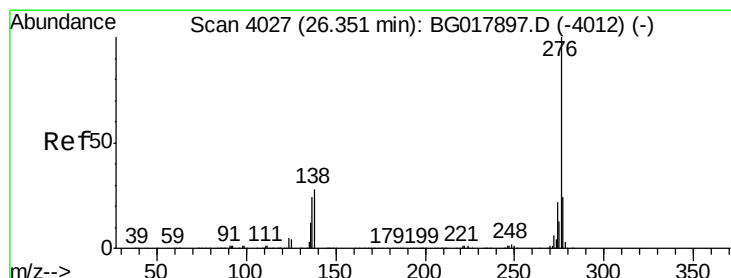
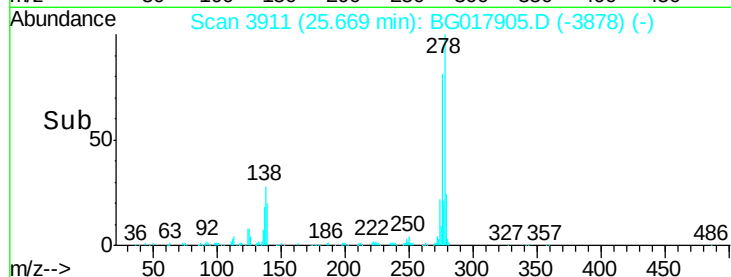
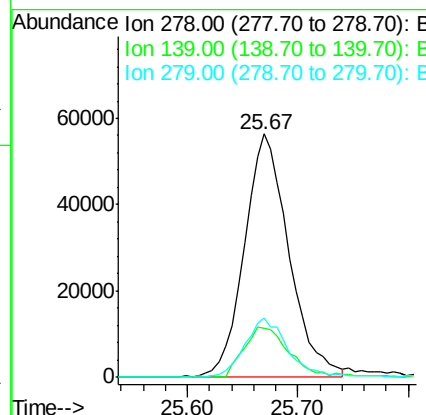
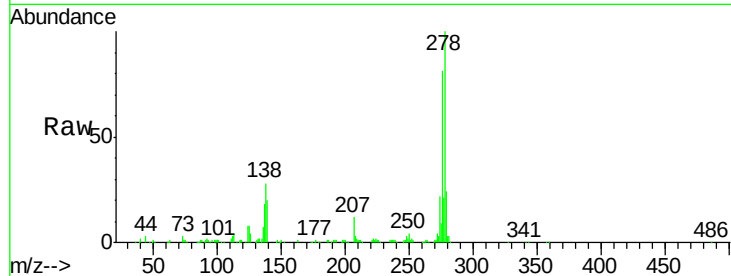
#92  
Dibenzo(a,h)anthracene  
Concen: 6.25 ng/ul  
RT: 25.67 min Scan# 3911  
Delta R.T. -0.01 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-03-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.4  | 18.4  | 27.6  |
| 279     | 24.5  | 19.4  | 29.0  |

Manual Integrations  
APPROVED

apatel  
7/16/2015 4:38:12 PM



#93  
Benzo(g,h,i)perylene  
Concen: 6.41 ng/ul  
RT: 26.33 min Scan# 4024  
Delta R.T. -0.02 min  
Lab File: BG017905.D  
Acq: 16 Jul 2015 4:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.1  | 22.2  | 33.4  |
| 277     | 22.8  | 18.4  | 27.6  |

