

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072717\  
 Data File : BG028039.D  
 Acq On : 27 Jul 2017 23:07  
 Operator : SJ/JU  
 Sample : MDL-S-02  
 Misc : 4 PPM  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 MDL-S-02

Manual Integrations  
 APPROVED

Sohil  
 7/28/2017 4:45:56 PM

Quant Time: Jul 28 03:00:06 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG072717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 28 02:09:08 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.37  | 152  | 31330    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.19 | 136  | 139571   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.97 | 164  | 108750   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.72 | 188  | 323701   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 22.06 | 240  | 427245   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.58 | 264  | 433349   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.86  | 96  | 3221   | 6.66  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 65121  | 27.51 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.68  | 67  | 36206  | 30.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.90  | 132 | 61059  | 30.61 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.06  | 113 | 59231  | 28.04 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 29754  | 30.50 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.26 | 143 | 38163  | 30.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 70878  | 28.98 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.32 | 131 | 83437  | 33.83 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.37 | 166 | 315357 | 32.04 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.67 | 160 | 317814 | 29.85 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.15 | 143 | 40762  | 27.57 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.96 | 176 | 278278 | 30.69 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 59442  | 25.79 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.82 | 188 | 479176 | 30.91 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 20.10 | 212 | 597113 | 31.46 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.34 | 264 | 609796 | 30.59 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       | Qvalue |           |
|--------------------------------|-------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.90  | 88  | 844m  | 1.628  | ng/uL     |
| 4) Benzaldehyde                | 7.52  | 77  | 984   | 0.840  | ng/ul# 78 |
| 6) Phenol                      | 7.54  | 94  | 8010  | 3.490  | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.77  | 93  | 6473  | 3.984  | ng/ul 87  |
| 10) 2-Chlorophenol             | 7.93  | 128 | 6821  | 3.712  | ng/ul# 87 |
| 11) 2-Methylphenol             | 8.80  | 108 | 5718  | 3.195  | ng/ul 96  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.89  | 45  | 8058  | 3.778  | ng/ul# 85 |
| 14) Acetophenone               | 9.19  | 105 | 11389 | 3.711  | ng/ul 94  |
| 15) N-Nitroso-di-n-propylamine | 9.16  | 70  | 5322  | 3.694  | ng/ul 92  |
| 16) 4-Methylphenol             | 9.12  | 108 | 6612  | 3.330  | ng/ul 98  |
| 17) Hexachloroethane           | 9.46  | 117 | 2576  | 3.504  | ng/ul# 89 |
| 20) Nitrobenzene               | 9.58  | 77  | 7840  | 3.742  | ng/ul# 93 |
| 21) Isophorone                 | 10.09 | 82  | 15791 | 3.945  | ng/ul 100 |
| 23) 2-Nitrophenol              | 10.29 | 139 | 4628  | 3.866  | ng/ul 95  |
| 24) 2,4-Dimethylphenol         | 10.33 | 107 | 8454  | 3.530  | ng/ul 92  |
| 25) Bis(2-Chloroethoxy)methane | 10.57 | 93  | 8722  | 3.751  | ng/ul# 91 |
| 27) 2,4-Dichlorophenol         | 10.82 | 162 | 8310  | 3.566  | ng/ul# 80 |
| 28) Naphthalene                | 11.23 | 128 | 24034 | 3.815  | ng/ul# 94 |
| 30) 4-Chloroaniline            | 11.35 | 127 | 6948  | 2.960  | ng/ul# 81 |
| 31) Hexachlorobutadiene        | 11.52 | 225 | 7764  | 3.851  | ng/ul 95  |
| 32) Caprolactam                | 12.13 | 113 | 2526m | 3.377  | ng/ul     |
| 33) 4-Chloro-3-methylphenol    | 12.45 | 107 | 8135  | 3.583  | ng/ul 87  |
| 34) 2-Methylnaphthalene        | 12.82 | 142 | 21482 | 3.951  | ng/ul 93  |

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Manual Integrations  
 APPROVED

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 7/28/2017 4:45:56 PM

Quant Time: Jul 28 03:00:06 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG072717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 28 02:09:08 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 13.04 | 142  | 21471    | 4.073 | ng/ul# | 83       |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.18 | 216  | 16766    | 4.002 | ng/ul# | 97       |
| 38) Hexachlorocyclopentadiene  | 13.16 | 237  | 6158     | 2.507 | ng/ul  | 91       |
| 39) 2,4,6-Trichlorophenol      | 13.41 | 196  | 8413     | 3.364 | ng/ul  | 95       |
| 40) 2,4,5-Trichlorophenol      | 13.50 | 196  | 8458     | 3.184 | ng/ul  | 93       |
| 41) 1,1'-Biphenyl              | 13.81 | 154  | 30364    | 3.841 | ng/ul# | 98       |
| 42) 2-Chloronaphthalene        | 13.86 | 162  | 24420    | 3.831 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 14.06 | 65   | 4977     | 3.313 | ng/ul  | 85       |
| 45) Dimethylphthalate          | 14.41 | 163  | 36603    | 4.060 | ng/ul# | 97       |
| 46) 2,6-Dinitrotoluene         | 14.54 | 165  | 6232     | 3.443 | ng/ul  | 91       |
| 48) Acenaphthylene             | 14.70 | 152  | 39755    | 3.940 | ng/ul  | 97       |
| 49) 3-Nitroaniline             | 14.87 | 138  | 5197     | 3.455 | ng/ul# | 76       |
| 50) Acenaphthene               | 15.04 | 153  | 26376    | 3.817 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 15.09 | 184  | 2557     | 2.213 | ng/ul  | 90       |
| 53) 4-Nitrophenol              | 15.17 | 109  | 4081     | 3.394 | ng/ul  | 92       |
| 54) Dibenzofuran               | 15.37 | 168  | 40803    | 3.884 | ng/ul  | 100      |
| 55) 2,4-Dinitrotoluene         | 15.32 | 165  | 10194    | 3.771 | ng/ul  | 100      |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.60 | 232  | 9257     | 3.272 | ng/ul  | 96       |
| 57) Diethylphthalate           | 15.76 | 149  | 35120    | 3.710 | ng/ul  | 99       |
| 59) Fluorene                   | 16.02 | 166  | 33356    | 3.660 | ng/ul  | 92       |
| 60) 4-Chlorophenyl-phenylether | 16.00 | 204  | 21360    | 3.923 | ng/ul  | 91       |
| 61) 4-Nitroaniline             | 16.04 | 138  | 6948m    | 3.889 | ng/ul  |          |
| 64) 4,6-Dinitro-2-methylphenol | 16.09 | 198  | 8294     | 3.755 | ng/ul# | 89       |
| 65) N-Nitrosodiphenylamine     | 16.21 | 169  | 30660    | 3.752 | ng/ul  | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.90 | 248  | 14571    | 3.501 | ng/ul# | 92       |
| 67) Hexachlorobenzene          | 17.03 | 284  | 18198    | 3.845 | ng/ul# | 92       |
| 68) Atrazine                   | 17.15 | 200  | 12692    | 3.256 | ng/ul  | 91       |
| 69) Pentachlorophenol          | 17.37 | 266  | 5149     | 2.084 | ng/ul  | 92       |
| 70) Phenanthrene               | 17.77 | 178  | 62426    | 3.879 | ng/ul  | 100      |
| 72) Anthracene                 | 17.86 | 178  | 64725    | 3.863 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.78 | 216  | 16467    | 3.647 | ng/uL  | 92       |
| 74) Pentachlorobenzene         | 15.29 | 250  | 24032    | 3.582 | ng/uL  | 95       |
| 75) Carbazole                  | 18.13 | 167  | 51076    | 3.722 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.66 | 149  | 55926    | 3.671 | ng/ul# | 96       |
| 77) Fluoranthene               | 19.76 | 202  | 81388    | 3.957 | ng/ul# | 92       |
| 80) Pyrene                     | 20.12 | 202  | 90080    | 4.062 | ng/ul# | 93       |
| 81) Butylbenzylphthalate       | 20.99 | 149  | 22170    | 3.364 | ng/ul# | 90       |
| 82) 3,3'-Dichlorobenzidine     | 21.94 | 252  | 25311    | 3.238 | ng/ul# | 94       |
| 83) Benzo(a)anthracene         | 22.03 | 228  | 87545    | 3.858 | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.90 | 149  | 31462    | 3.264 | ng/ul# | 92       |
| 85) Chrysene                   | 22.11 | 228  | 83233    | 4.009 | ng/ul  | 97       |
| 87) Di-n-octyl phthalate       | 23.21 | 149  | 53083    | 3.108 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.45 | 252  | 87788m   | 3.639 | ng/ul  |          |
| 89) Benzo(k)fluoranthene       | 24.52 | 252  | 86663    | 3.685 | ng/ul  | 96       |
| 91) Benzo(a)pyrene             | 25.41 | 252  | 89117    | 3.839 | ng/ul# | 95       |
| 92) Indeno(1,2,3-cd)pyrene     | 29.59 | 276  | 100430m  | 3.565 | ng/ul  |          |
| 93) Dibenzo(a,h)anthracene     | 29.67 | 278  | 87163    | 3.607 | ng/ul# | 96       |
| 94) Benzo(g,h,i)perylene       | 30.86 | 276  | 86546    | 3.706 | ng/ul# | 89       |

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ALS Vial : 11 Sample Multiplier: 1

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BNA\_G  
ClientSampleId :  
MDL-S-02

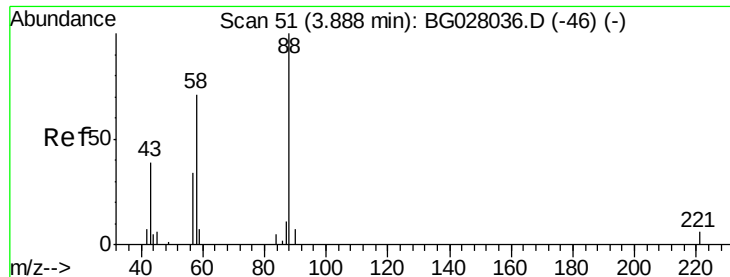
Manual Integrations  
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7/28/2017 4:45:56 PM

Quant Time: Jul 28 03:00:06 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG072717MA.M  
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QLast Update : Fri Jul 28 02:09:08 2017  
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| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 1.628 ng/uL m

RT: 3.90 min Scan# 52

Delta R.T. 0.01 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

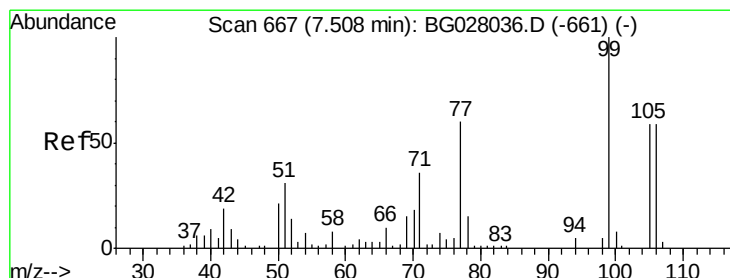
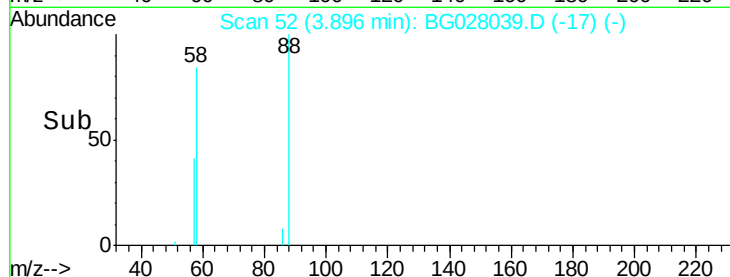
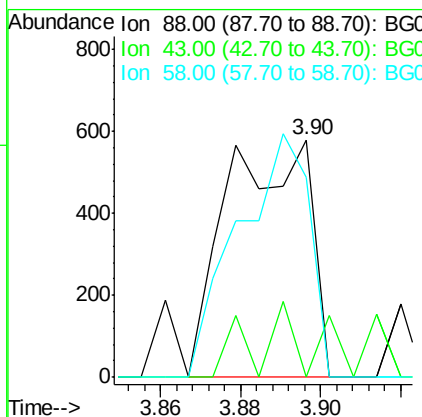
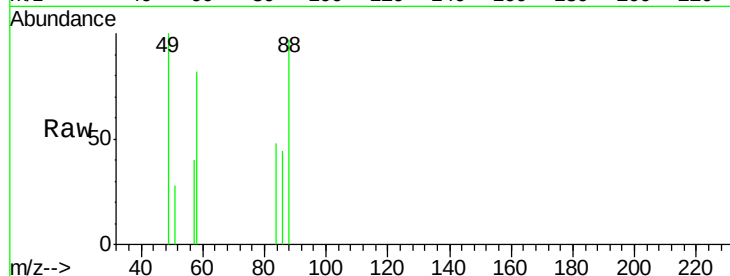
ClientSampleId :

MDL-S-02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 844   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 0.0   | 29.0  | 43.4# |
| 58       | 84.5  | 45.9  | 68.9# |

Manual Integrations  
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#4

Benzaldehyde

Concen: 0.840 ng/uL

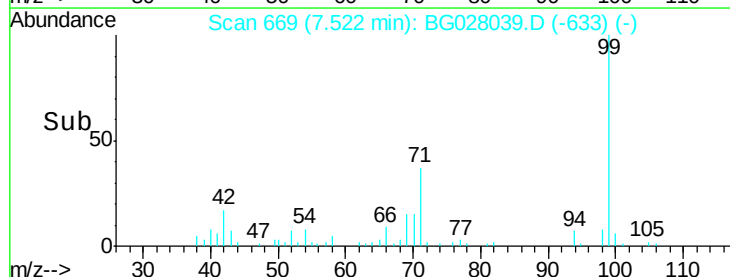
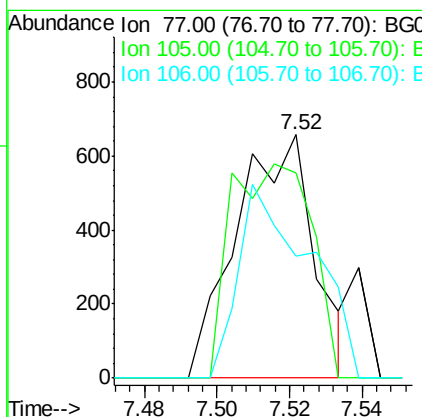
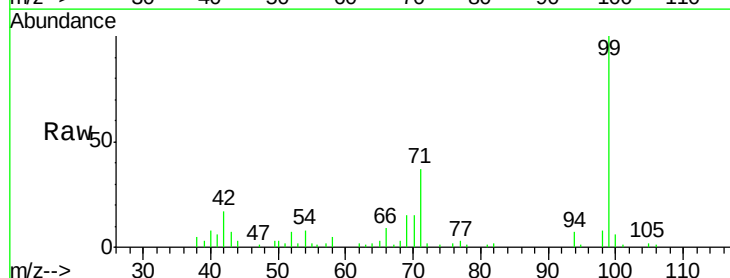
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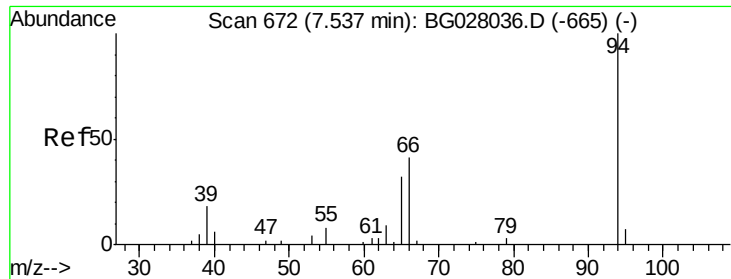
Delta R.T. 0.01 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 984    |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 84.5  | 71.0  | 106.6  |
| 106      | 50.2  | 69.5  | 104.3# |





#6

Phenol

Concen: 3.490 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

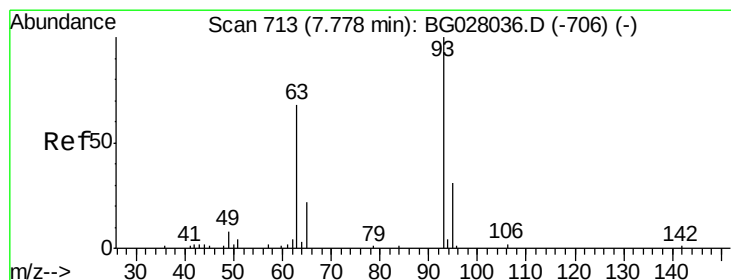
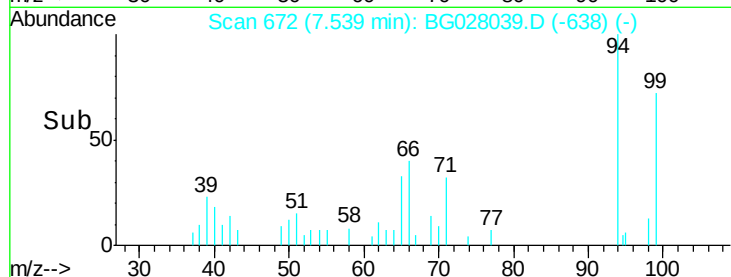
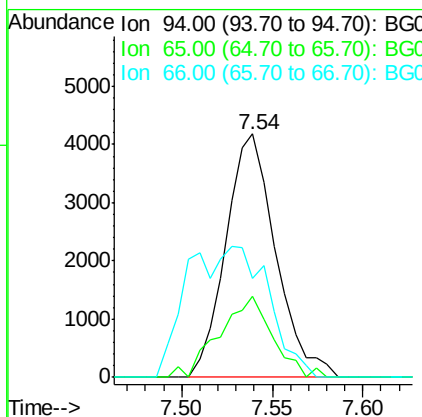
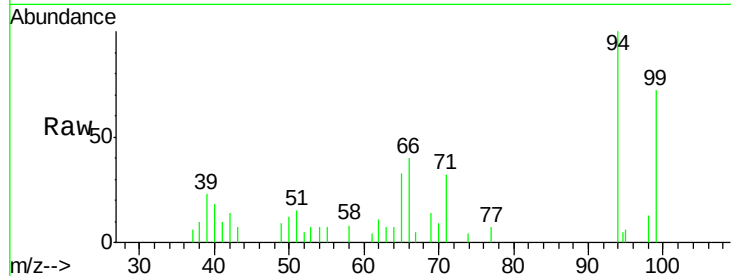
ClientSampled :

MDL-S-02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 8010  |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 31.7  | 23.0  | 34.6  |
| 66       | 38.4  | 30.4  | 45.6  |

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 3.984 ng/ul

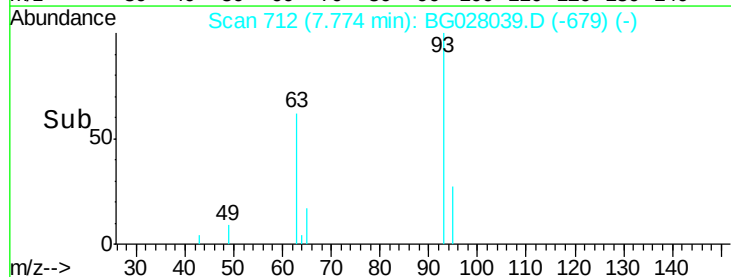
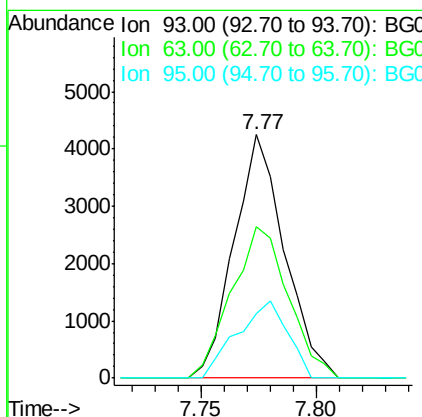
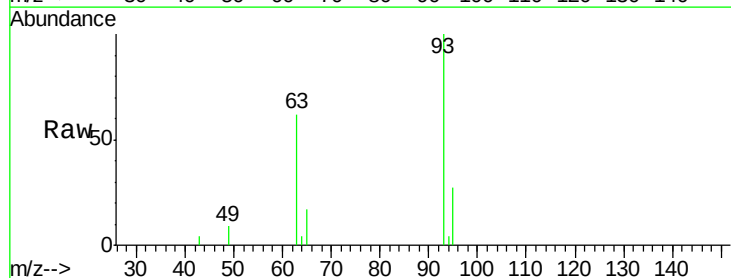
RT: 7.77 min Scan# 712

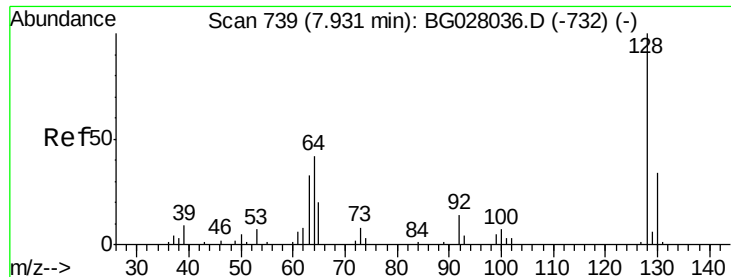
Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 6473  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 62.1  | 59.4  | 89.2  |
| 95       | 26.7  | 26.4  | 39.6  |





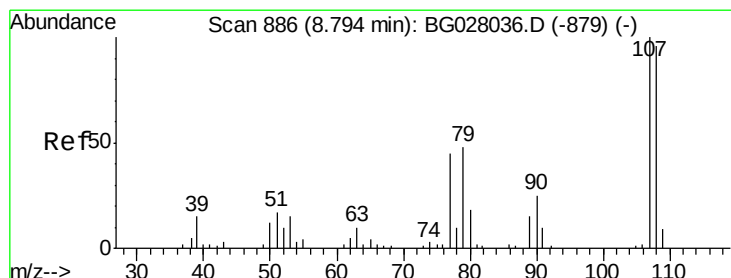
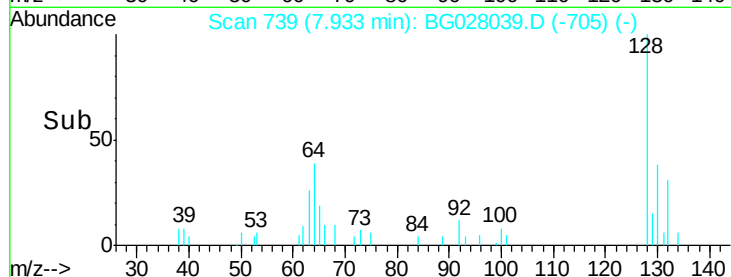
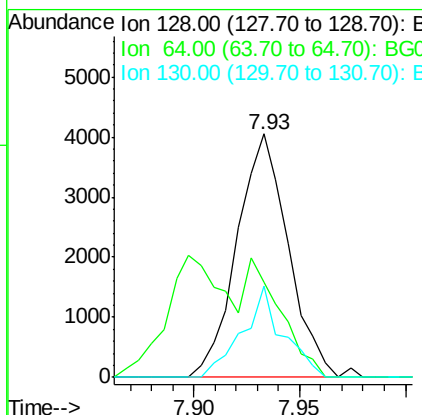
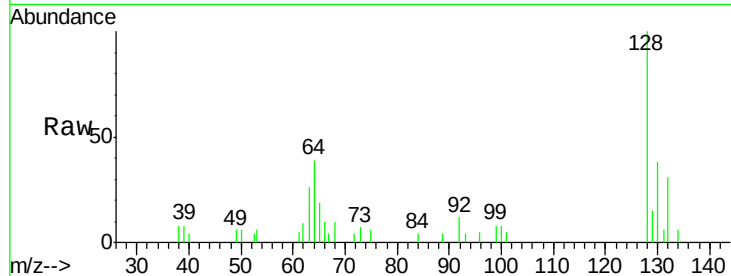
#10  
2-Chlorophenol  
Concen: 3.712 ng/ul  
RT: 7.93 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampled :  
MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 39.1  | 39.8  | 59.6# |
| 130     | 37.7  | 25.8  | 38.8  |

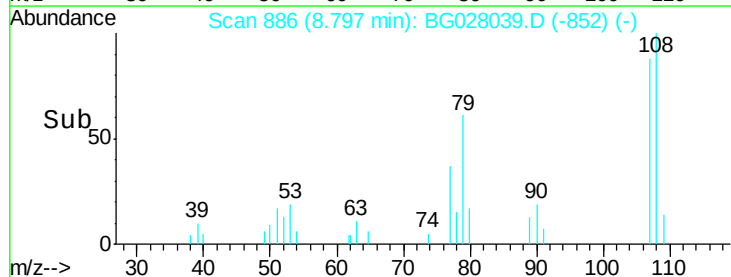
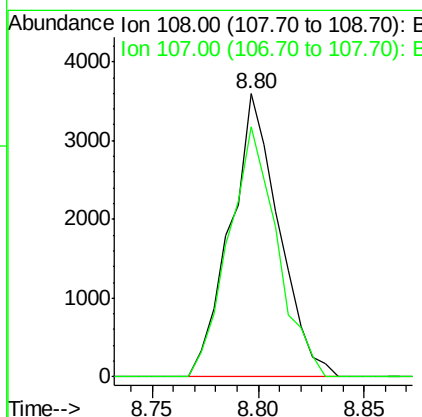
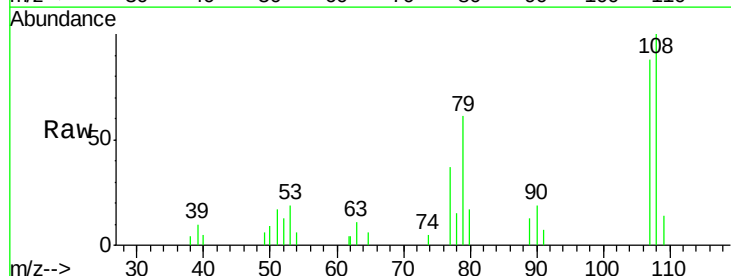
Manual Integrations  
APPROVED

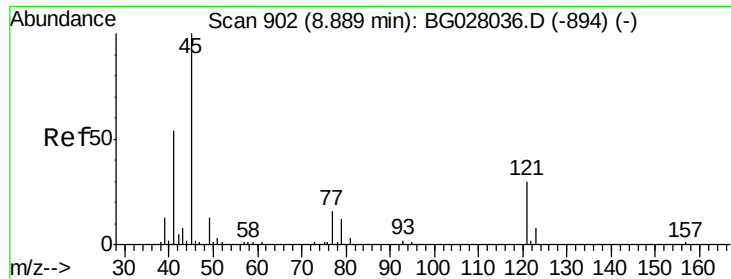
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#11  
2-Methylphenol  
Concen: 3.195 ng/ul  
RT: 8.80 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 88.3  | 74.1  | 111.1 |





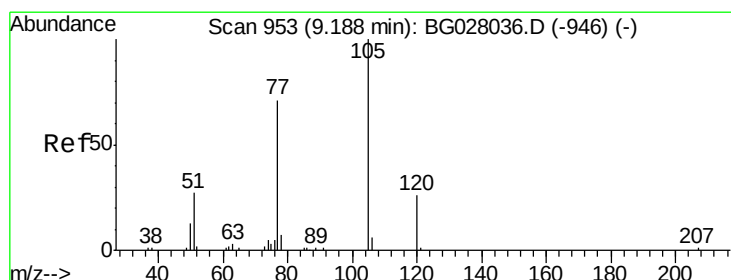
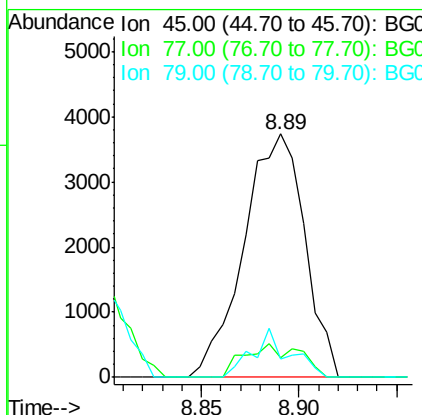
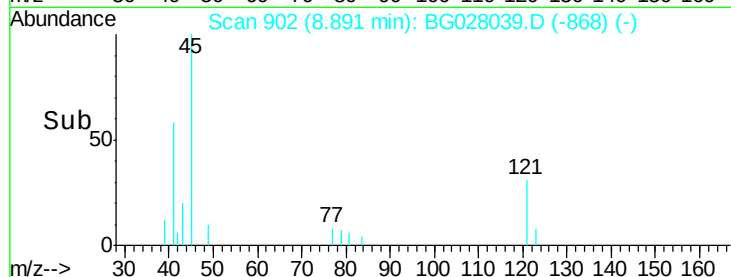
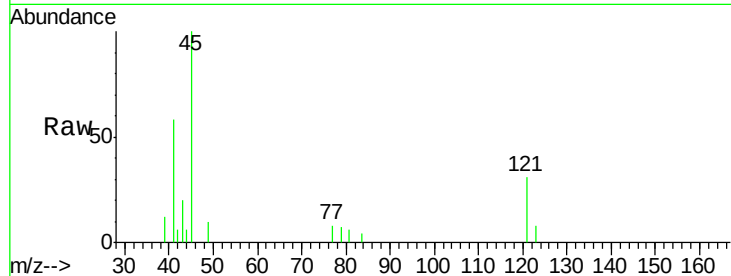
#12  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 3.778 ng/ul  
 RT: 8.89 min Scan# 902  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-S-02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 45      | 100   |            |            |
| 77      | 8.3   | 12.5       | 18.7#      |
| 79      | 7.4   | 9.4        | 14.2#      |

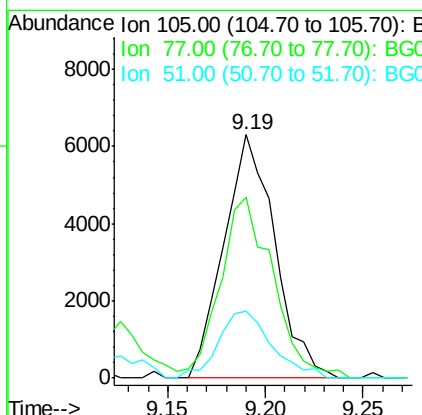
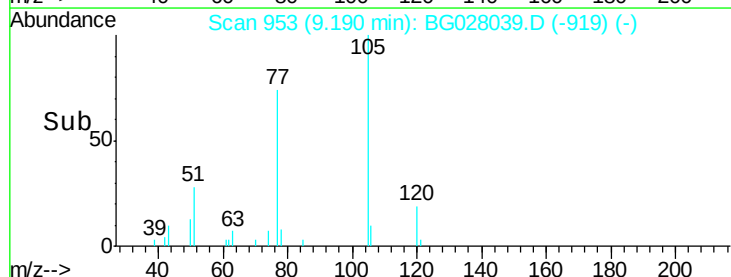
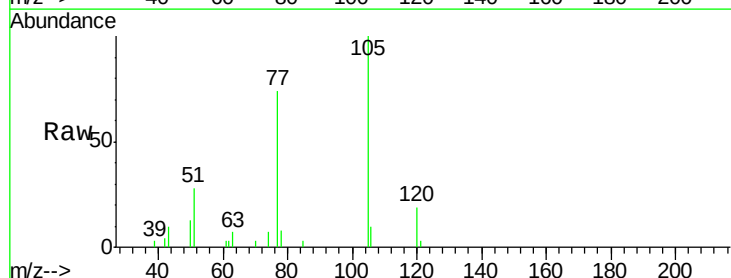
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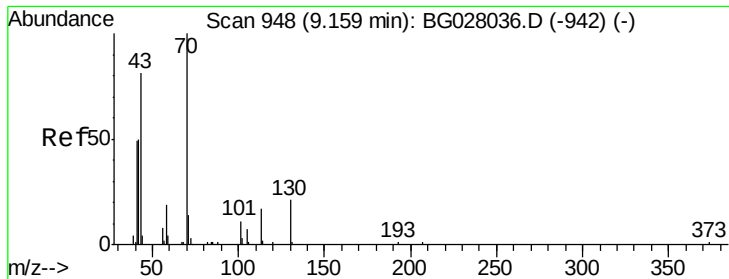


#14  
 Acetophenone  
 Concen: 3.711 ng/ul  
 RT: 9.19 min Scan# 953  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 105     | 100   |            |            |
| 77      | 74.2  | 63.2       | 94.8       |
| 51      | 27.6  | 19.8       | 29.8       |







#15

N-Nitroso-di-n-propylamine

Concen: 3.694 ng/ul

RT: 9.16 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

ClientSampled :

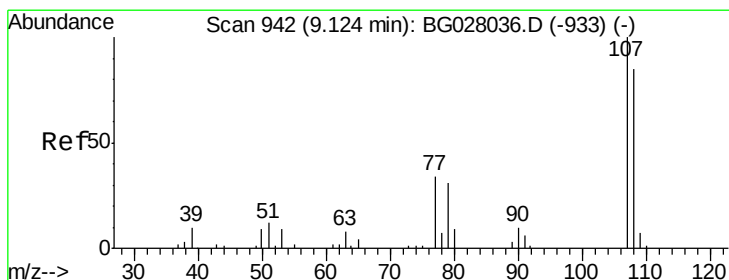
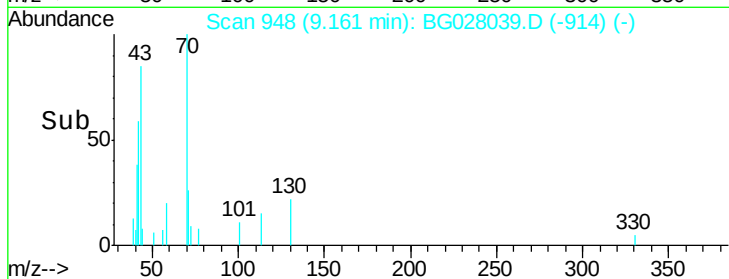
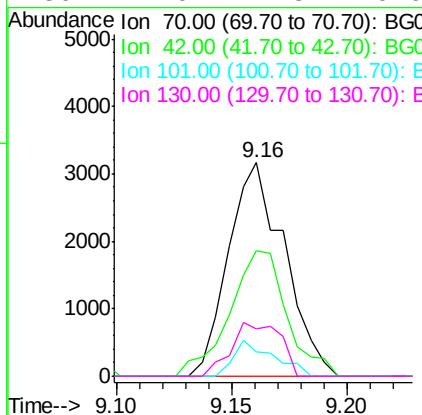
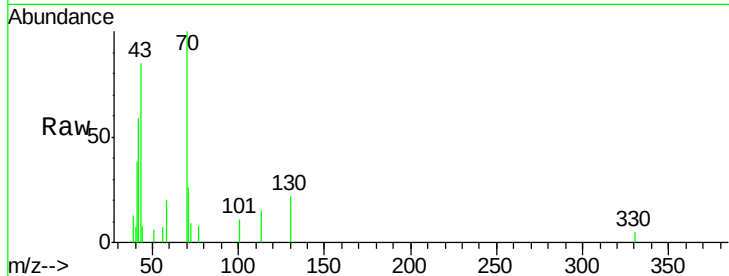
MDL-S-02

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 70    | Resp: | 5322 |
| Ion Ratio | Lower | Upper |      |
| 70        | 100   |       |      |
| 42        | 58.7  | 40.2  | 60.4 |
| 101       | 11.5  | 7.7   | 11.5 |
| 130       | 22.0  | 17.8  | 26.6 |

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#16

4-Methylphenol

Concen: 3.330 ng/ul

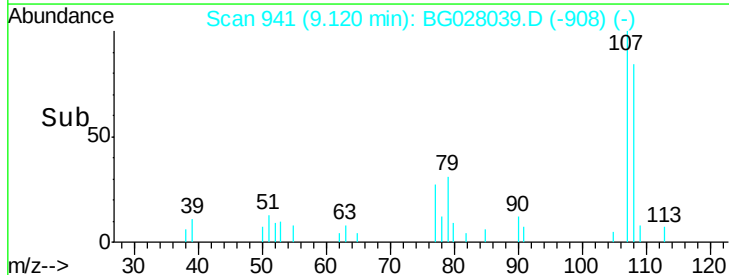
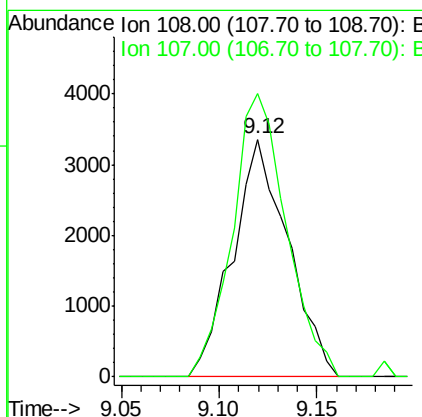
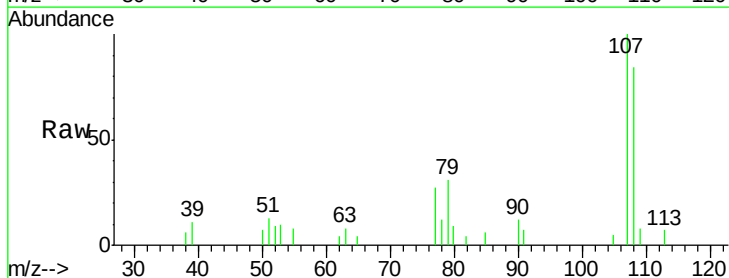
RT: 9.12 min Scan# 941

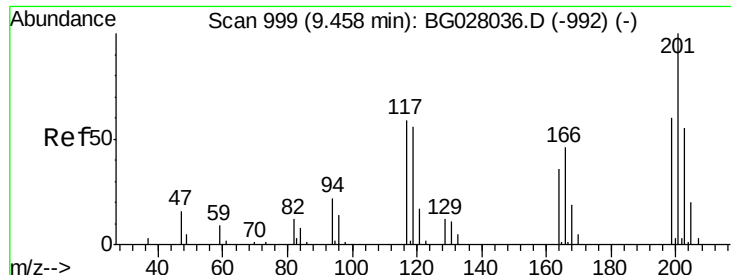
Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 108   | Resp: | 6612  |
| Ion Ratio | Lower | Upper |       |
| 108       | 100   |       |       |
| 107       | 119.0 | 93.6  | 140.4 |





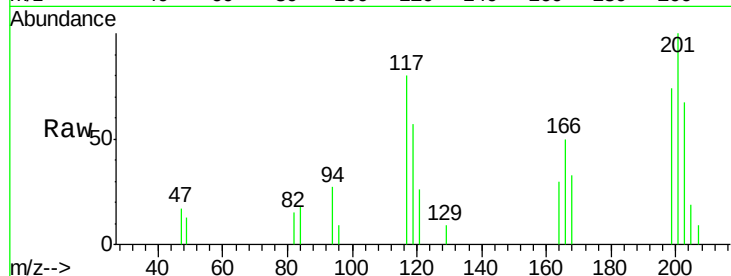
#17  
Hexachloroethane  
Concen: 3.504 ng/ul  
RT: 9.46 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-02

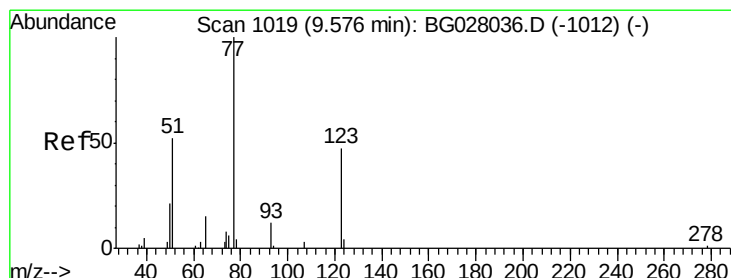
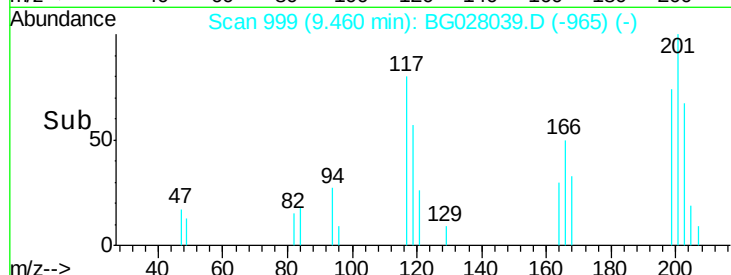
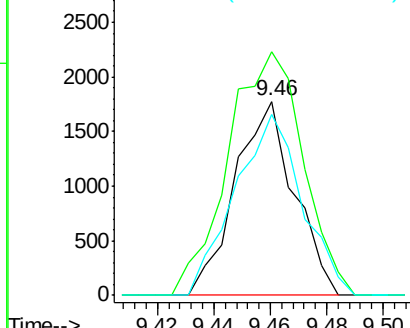
Tgt Ion: 117 Resp: 2576  
Ion Ratio Lower Upper  
117 100  
201 125.4 96.1 144.1  
199 93.1 59.7 89.5#

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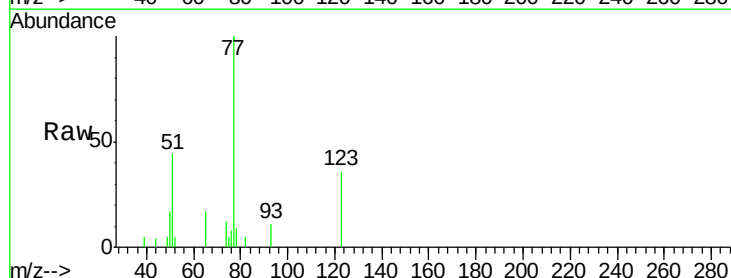


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

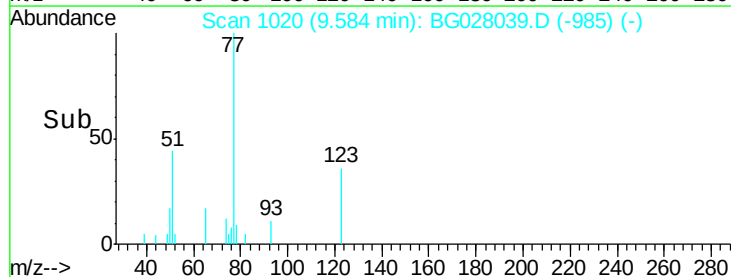
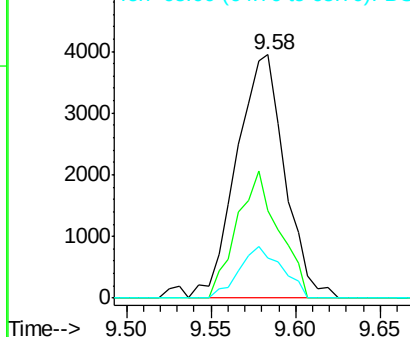


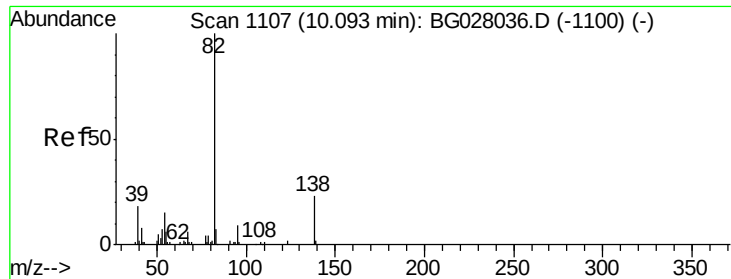
#20  
Nitrobenzene  
Concen: 3.742 ng/ul  
RT: 9.58 min Scan# 1020  
Delta R.T. 0.01 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Tgt Ion: 77 Resp: 7840  
Ion Ratio Lower Upper  
77 100  
123 36.1 31.8 47.8  
65 16.6 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BGC





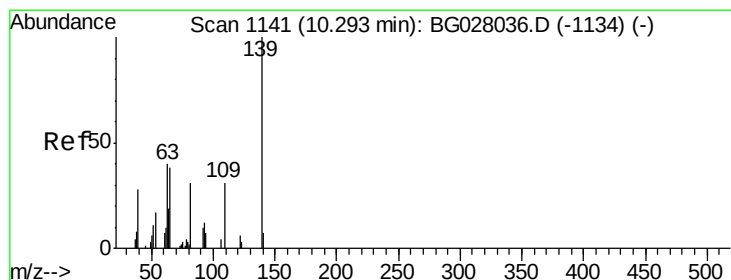
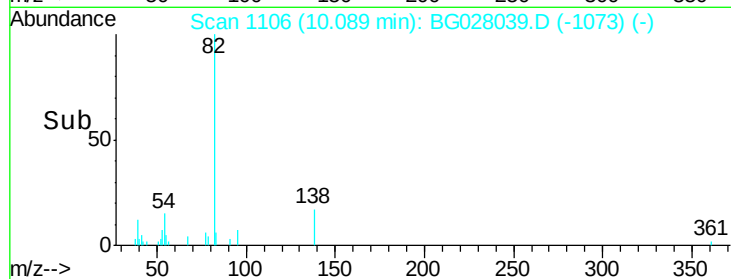
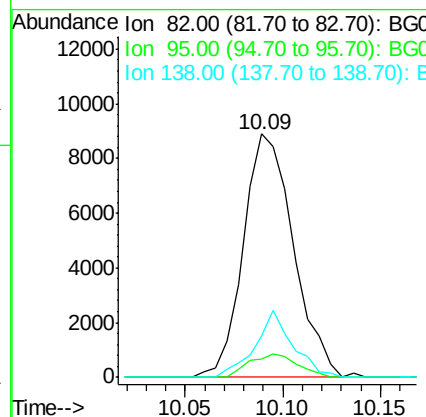
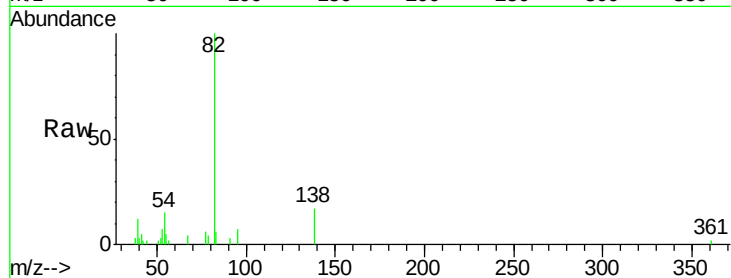
#21  
Isophorone  
Concen: 3.945 ng/ul  
RT: 10.09 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 15791 |       |       |
| 95      | 7.3   | 6.1   | 9.1   |       |
| 138     | 16.9  | 13.5  | 20.3  |       |

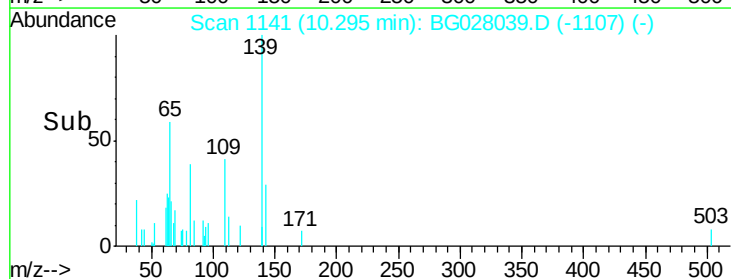
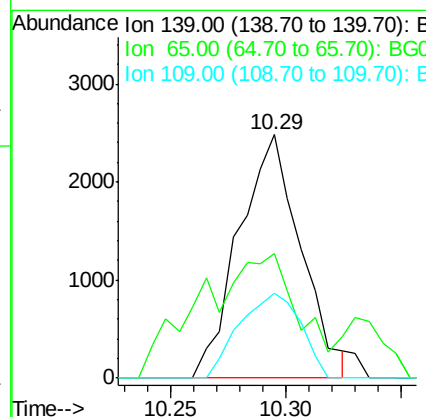
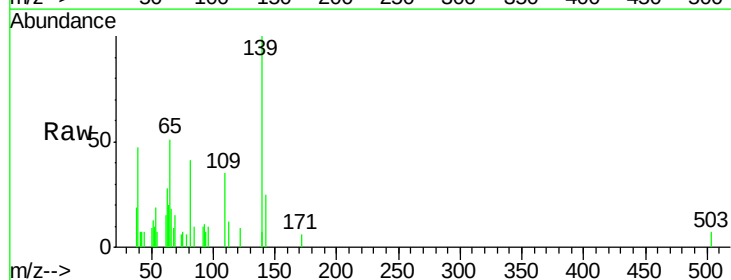
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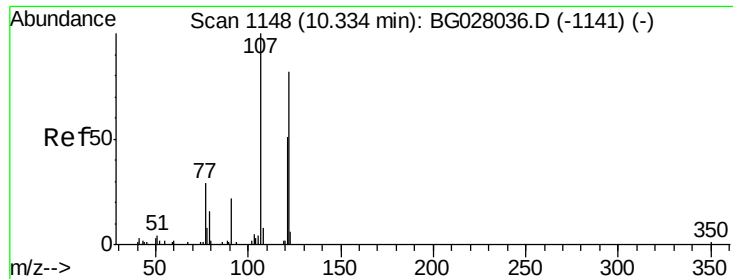
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#23  
2-Nitrophenol  
Concen: 3.866 ng/ul  
RT: 10.29 min Scan# 1141  
Delta R.T. 0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   | 4628 |       |       |
| 65      | 51.1  | 45.3 | 67.9  |       |
| 109     | 34.8  | 27.7 | 41.5  |       |





#24

2,4-Dimethylphenol

Concen: 3.530 ng/ul

RT: 10.33 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

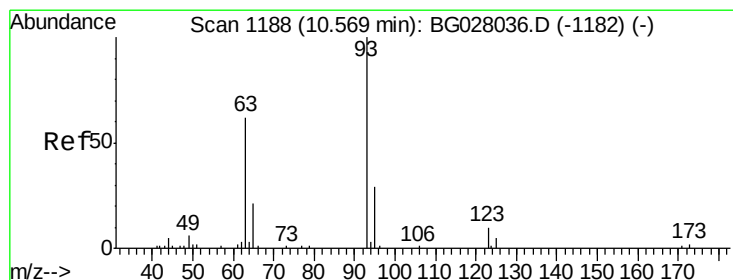
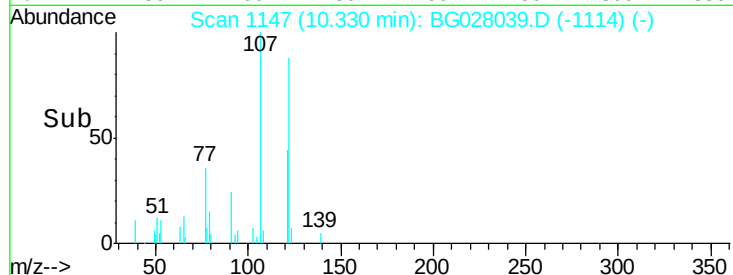
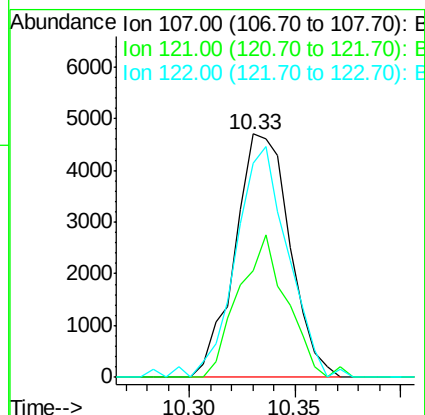
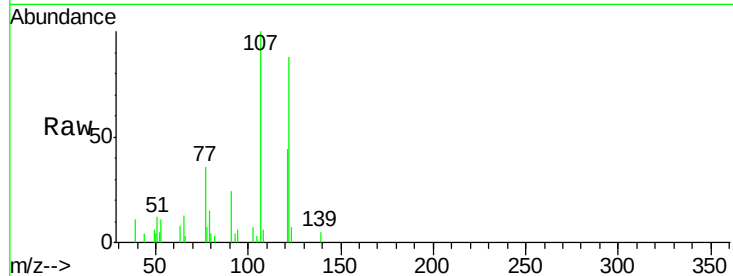
ClientSampleId :

MDL-S-02

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 107   | Resp: | 8454 |
| Ion Ratio | Lower | Upper |      |
| 107       | 100   |       |      |
| 121       | 44.0  | 38.1  | 57.1 |
| 122       | 88.2  | 63.8  | 95.8 |

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#25

Bis(2-Chloroethoxy)methane

Concen: 3.751 ng/ul

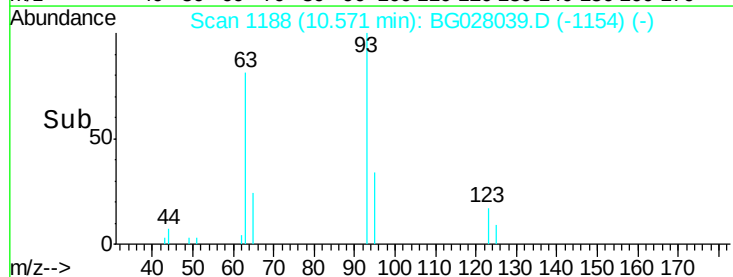
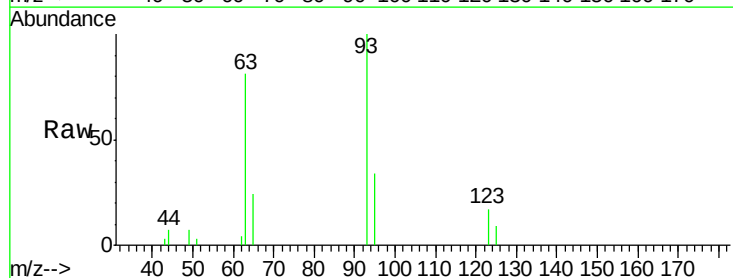
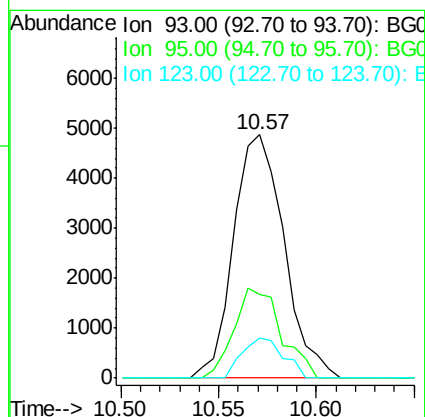
RT: 10.57 min Scan# 1188

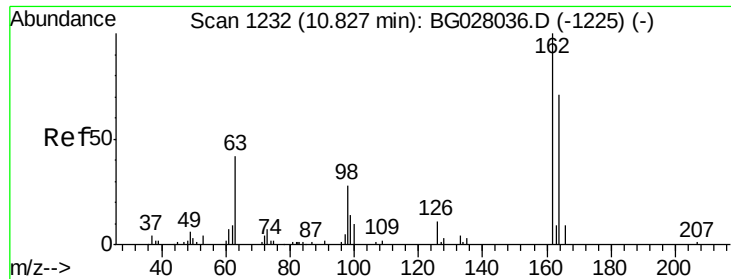
Delta R.T. 0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 8722  |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 34.3  | 24.7  | 37.1  |
| 123       | 16.7  | 8.2   | 12.2# |





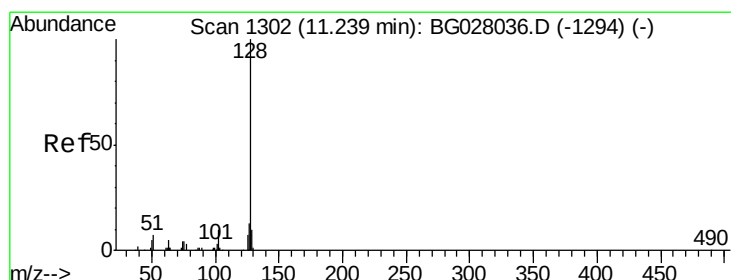
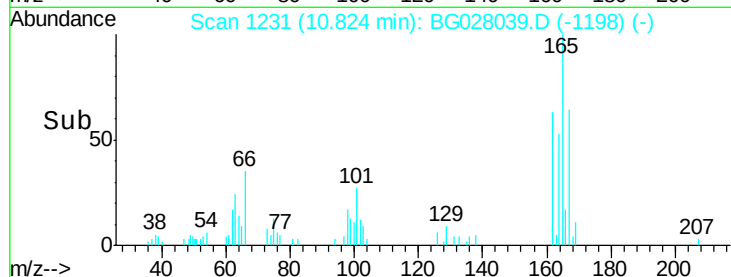
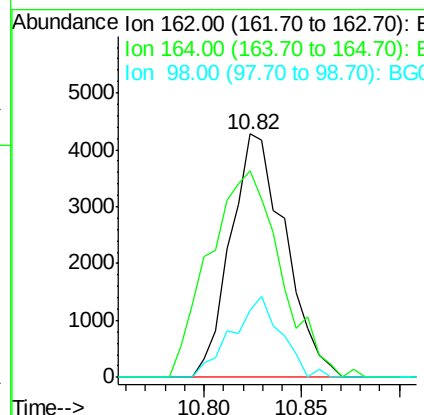
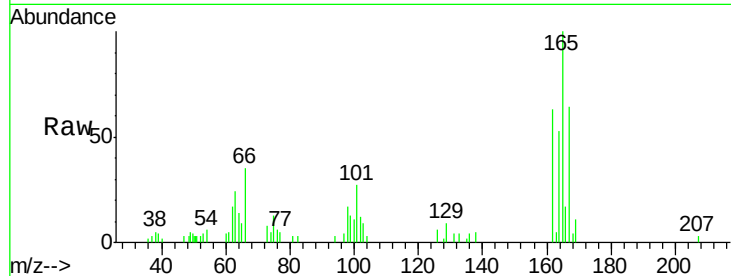
#27  
 2,4-Dichlorophenol  
 Concen: 3.566 ng/ul  
 RT: 10.82 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 85.0  | 52.0  | 78.0# |
| 98      | 27.4  | 26.6  | 39.8  |

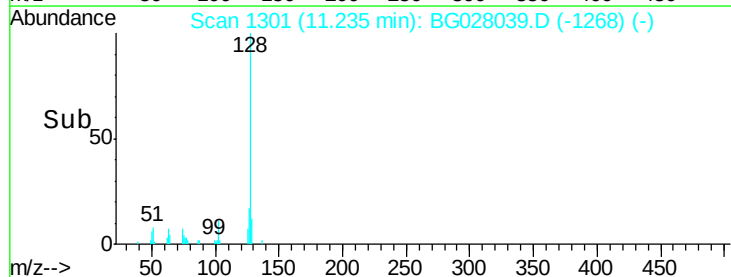
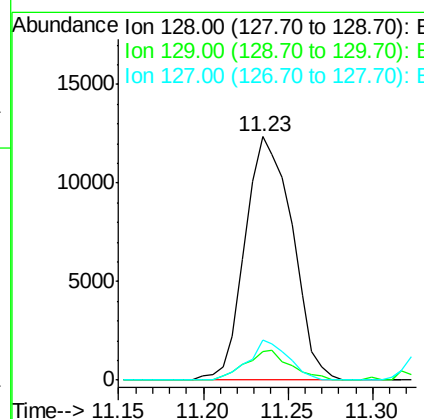
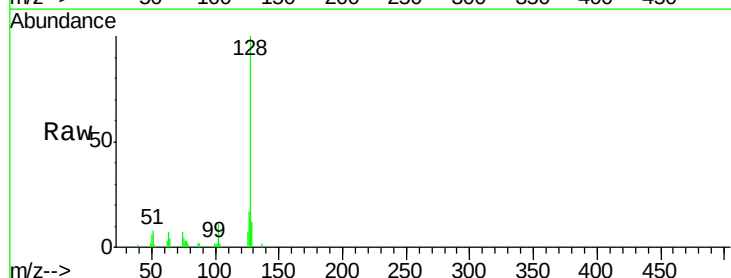
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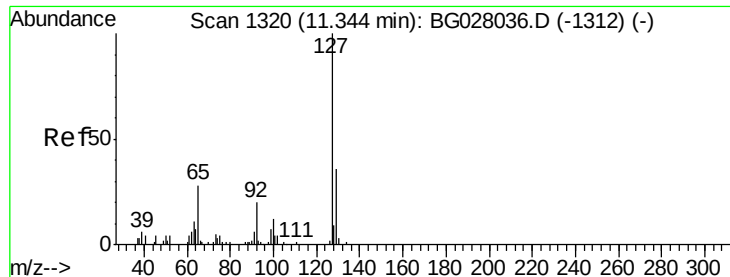
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#28  
 Naphthalene  
 Concen: 3.815 ng/ul  
 RT: 11.23 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 8.3   | 12.5  |
| 127     | 16.6  | 10.8  | 16.2# |





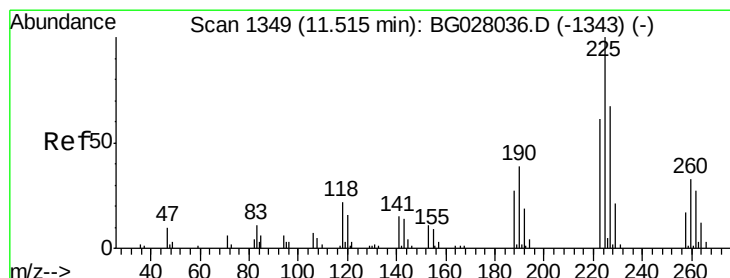
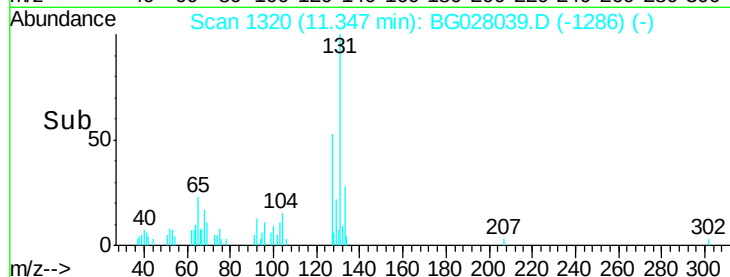
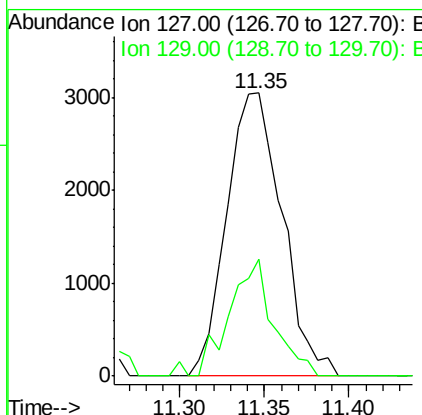
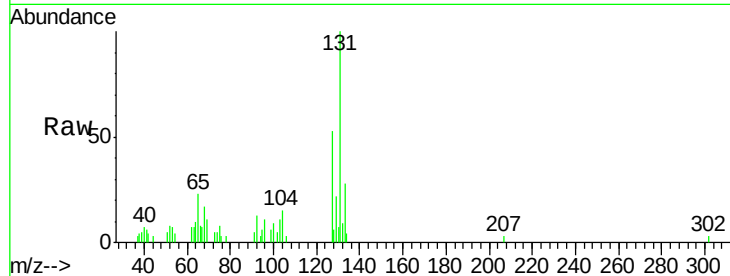
#30  
4-Chloroaniline  
Concen: 2.960 ng/ul  
RT: 11.35 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-02

Tgt Ion:127 Resp: 6948  
Ion Ratio Lower Upper  
127 100  
129 41.3 24.6 37.0#

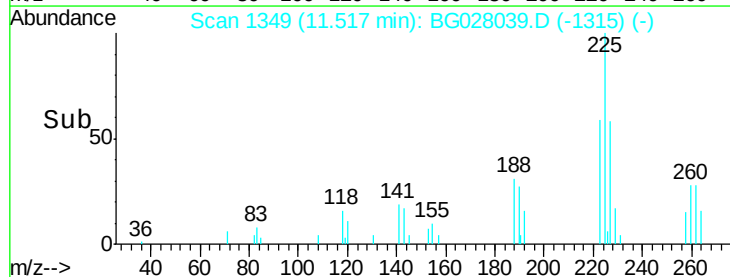
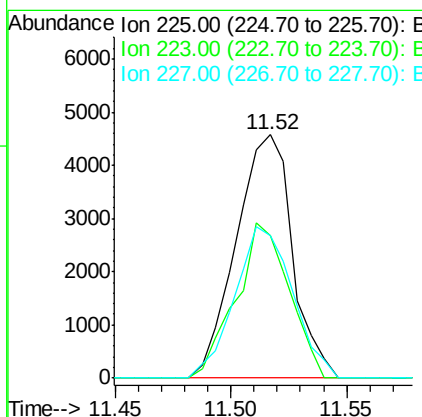
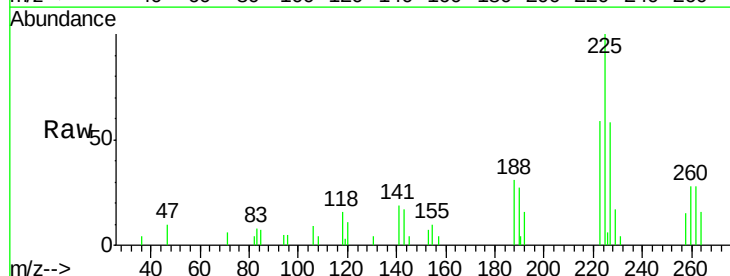
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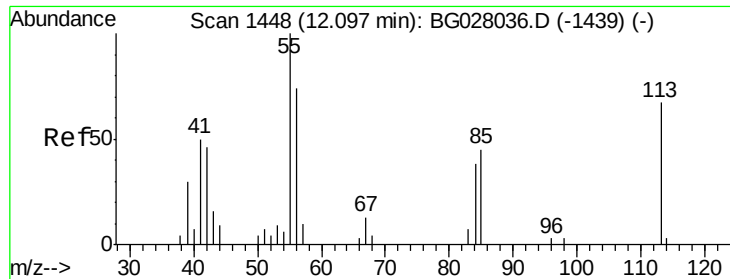
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#31  
Hexachlorobutadiene  
Concen: 3.851 ng/ul  
RT: 11.52 min Scan# 1349  
Delta R.T. 0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Tgt Ion:225 Resp: 7764  
Ion Ratio Lower Upper  
225 100  
223 58.7 48.1 72.1  
227 58.5 52.1 78.1





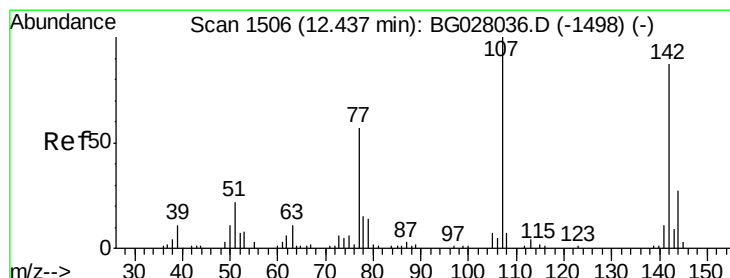
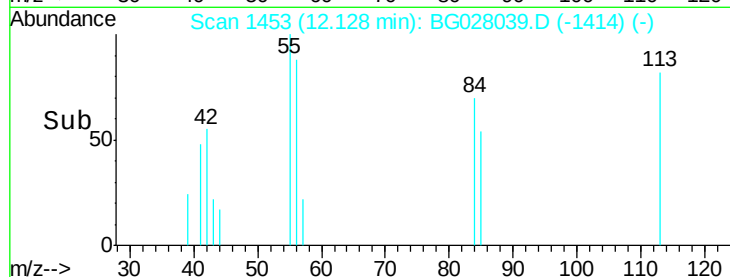
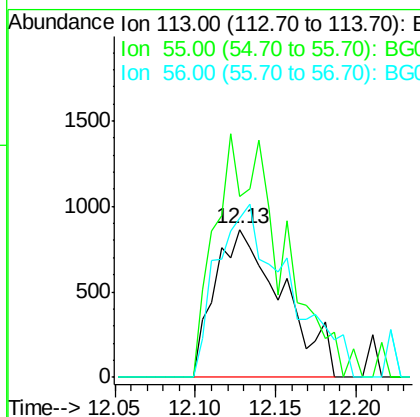
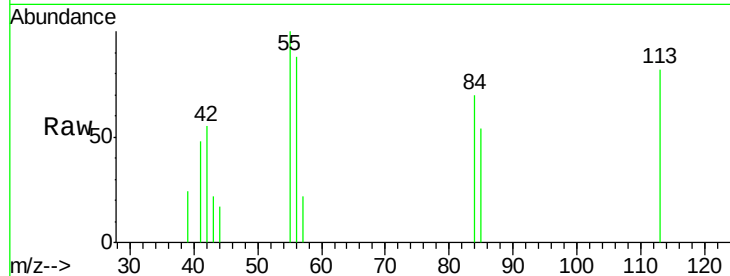
#32  
 Caprolactam  
 Concen: 3.377 ng/ul m  
 RT: 12.13 min Scan# 1453  
 Delta R.T. 0.03 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-S-02

Tgt Ion:113 Resp: 2526  
 Ion Ratio Lower Upper  
 113 100  
 55 122.3 131.7 197.5#  
 56 107.6 92.7 139.1

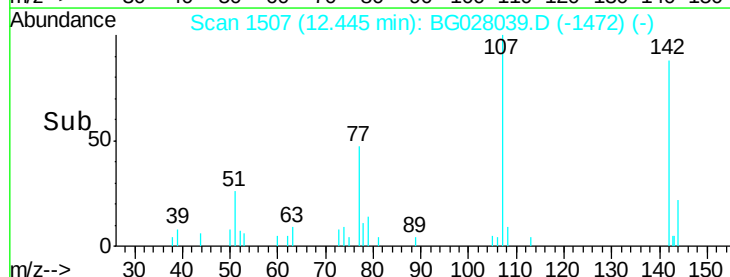
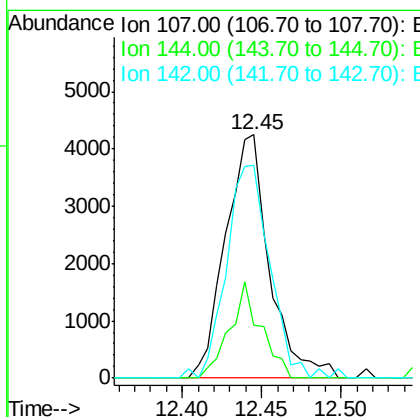
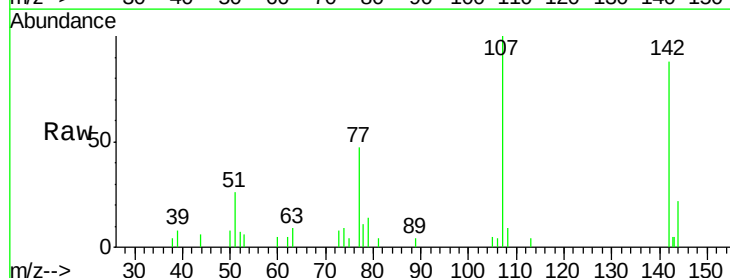
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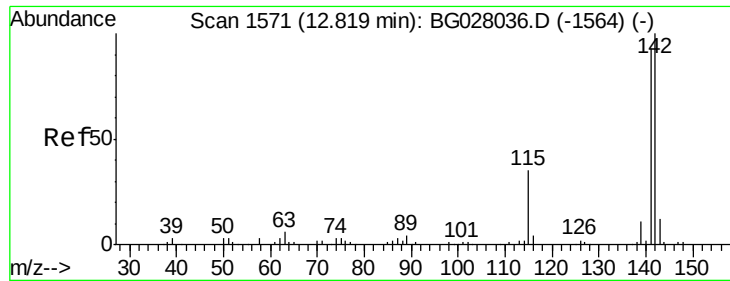
Sohil  
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#33  
 4-Chloro-3-methylphenol  
 Concen: 3.583 ng/ul  
 RT: 12.45 min Scan# 1507  
 Delta R.T. 0.01 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Tgt Ion:107 Resp: 8135  
 Ion Ratio Lower Upper  
 107 100  
 144 21.9 21.1 31.7  
 142 87.5 60.1 90.1





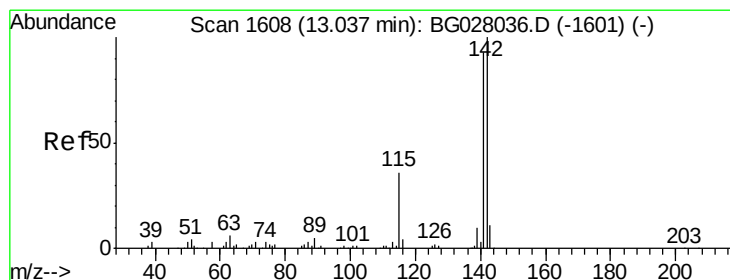
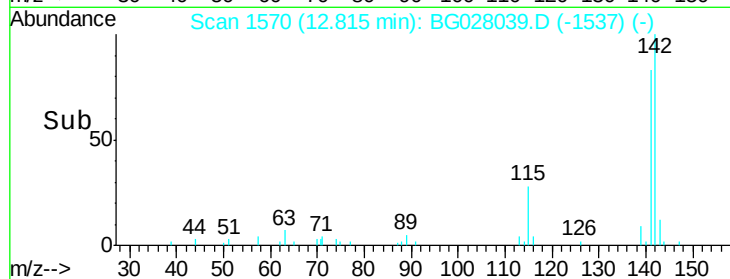
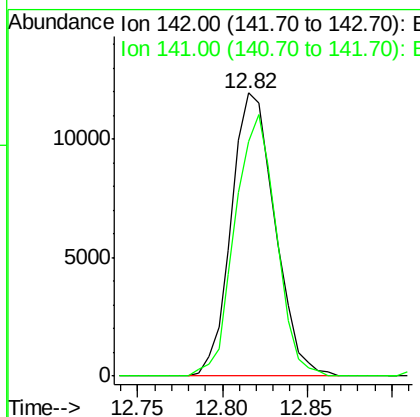
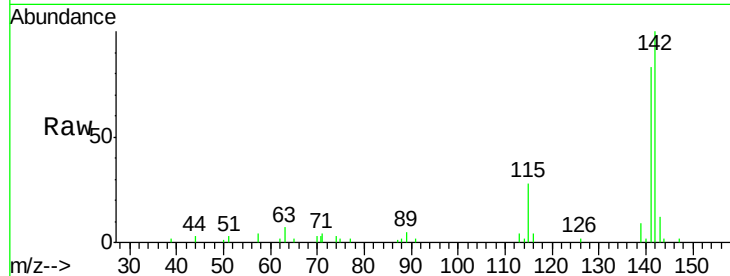
#34  
 2-Methylnaphthalene  
 Concen: 3.951 ng/ul  
 RT: 12.82 min Scan# 1570  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-S-02

Tgt Ion:142 Resp: 21482  
 Ion Ratio Lower Upper  
 142 100  
 141 83.0 71.4 107.2

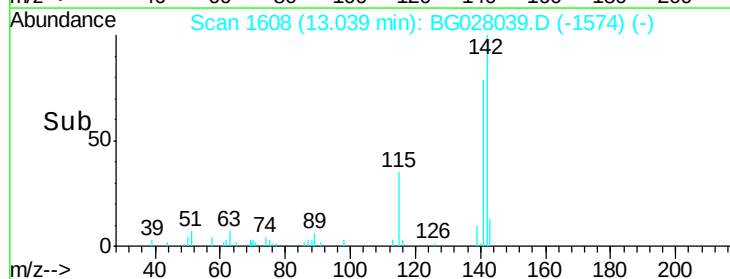
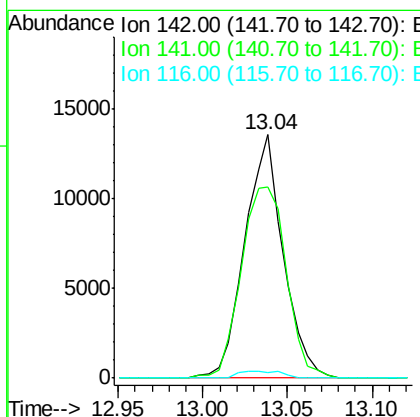
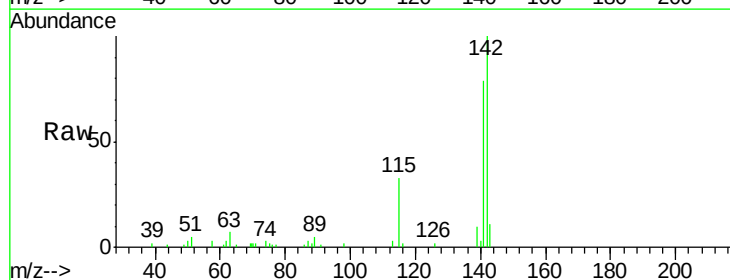
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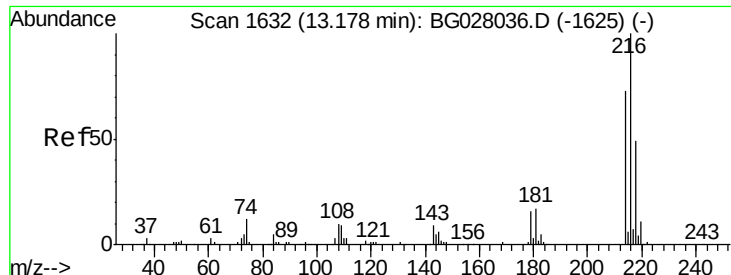


#35  
 1-Methylnaphthalene  
 Concen: 4.073 ng/ul  
 RT: 13.04 min Scan# 1608  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Tgt Ion:142 Resp: 21471  
 Ion Ratio Lower Upper  
 142 100  
 141 78.7 76.6 115.0  
 116 2.5 3.6 5.4#







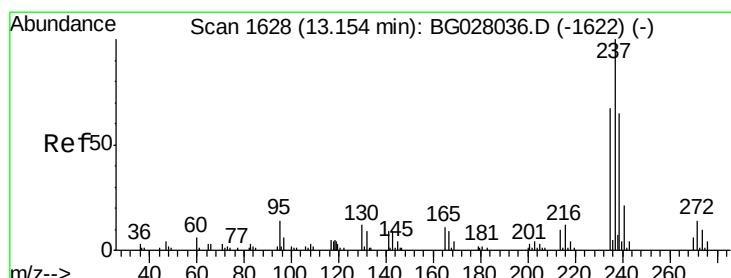
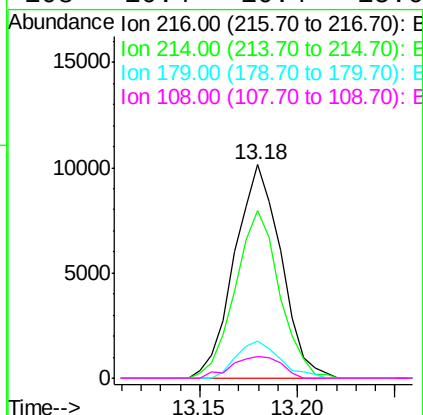
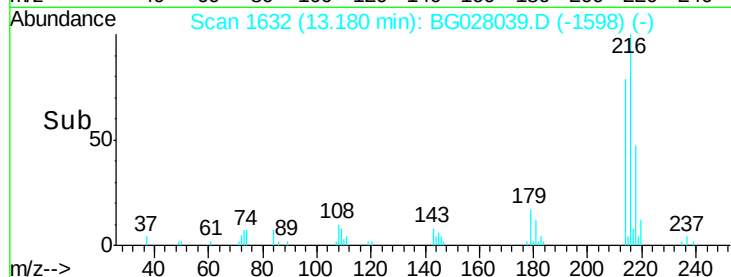
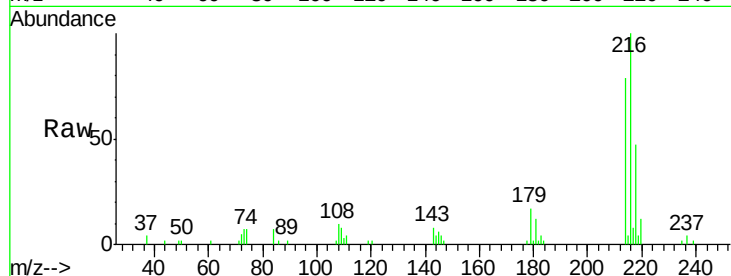
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.002 ng/ul  
 RT: 13.18 min Scan# 1632  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 216     | 100   |            |            |
| 214     | 82.6  | 64.1       | 96.1       |
| 179     | 17.4  | 14.5       | 21.7       |
| 108     | 10.4  | 10.4       | 15.6       |

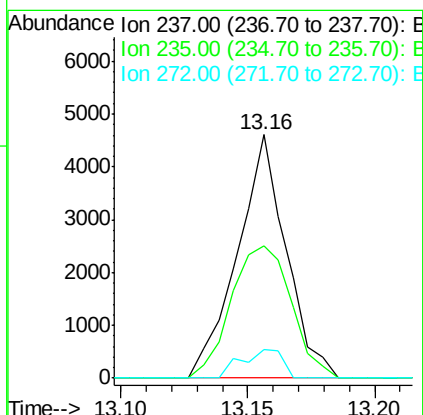
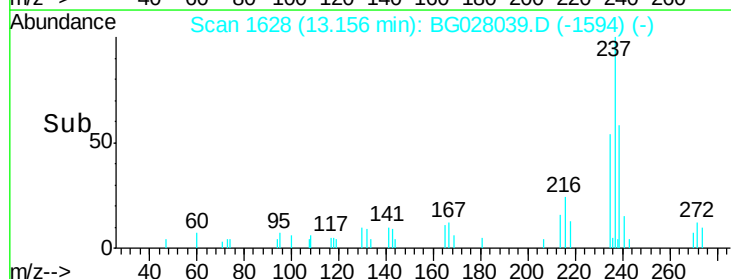
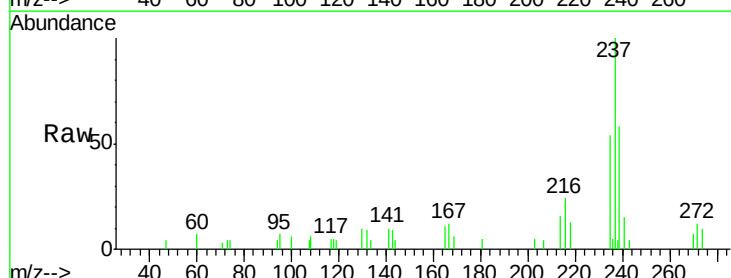
Manual Integrations  
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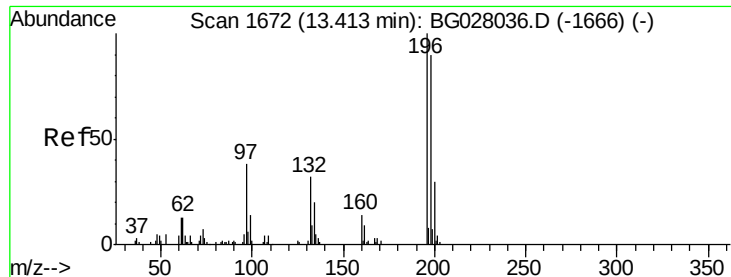
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#38  
 Hexachlorocyclopentadiene  
 Concen: 2.507 ng/ul  
 RT: 13.16 min Scan# 1628  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 54.1  | 49.5       | 74.3       |
| 272     | 11.9  | 8.6        | 12.8       |





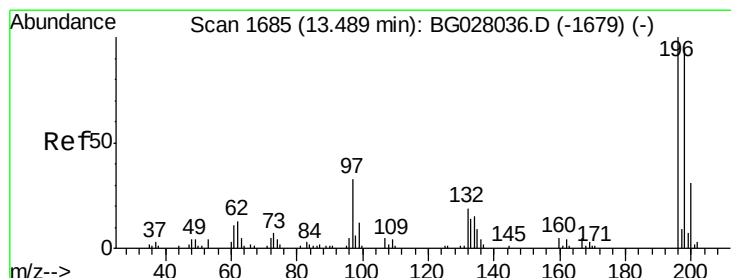
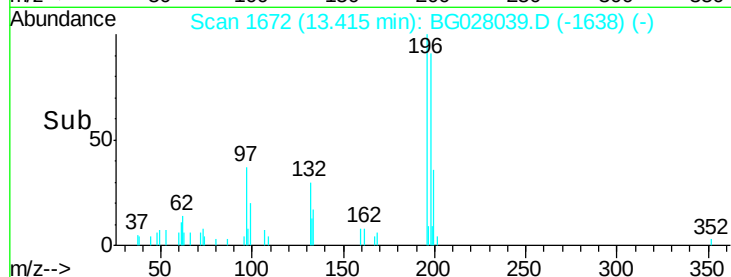
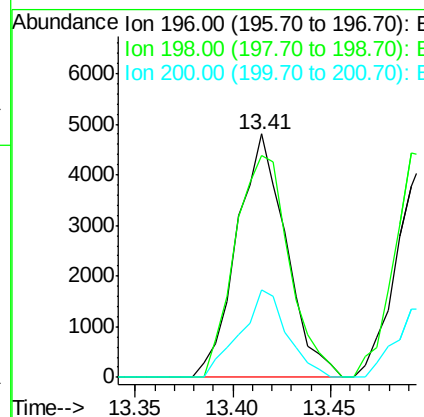
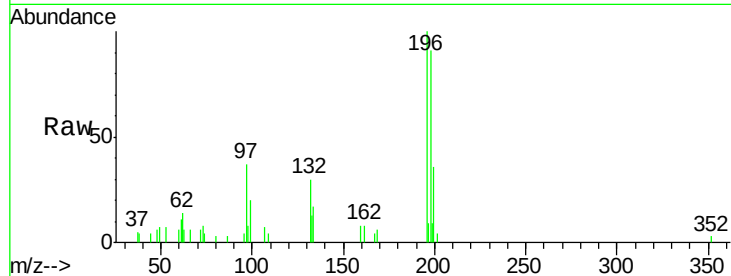
#39  
 2,4,6-Trichlorophenol  
 Concen: 3.364 ng/ul  
 RT: 13.41 min Scan# 1672  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   | 8413 |       |       |
| 198     | 91.2  | 75.9 | 113.9 |       |
| 200     | 36.1  | 25.8 | 38.6  |       |

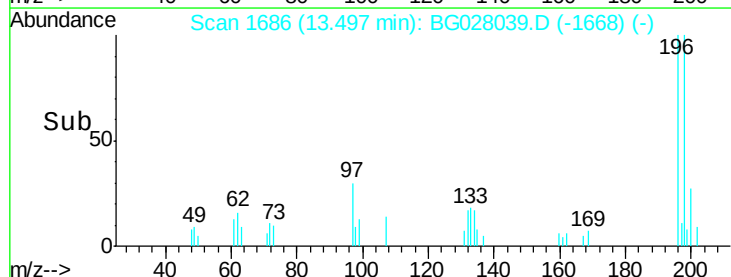
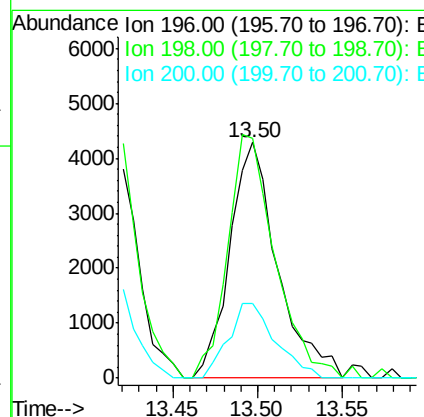
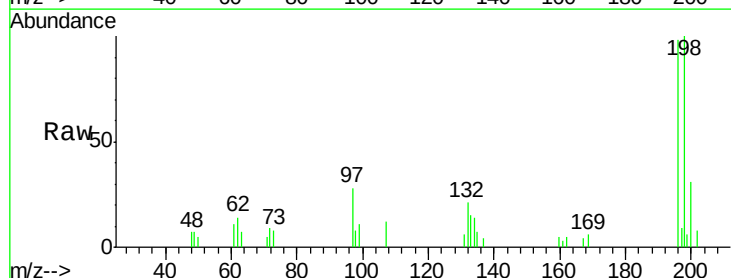
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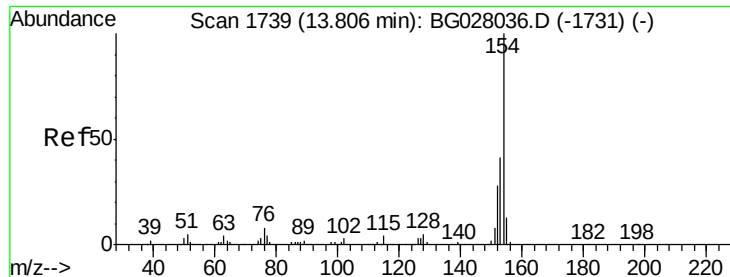
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#40  
 2,4,5-Trichlorophenol  
 Concen: 3.184 ng/ul  
 RT: 13.50 min Scan# 1686  
 Delta R.T. 0.01 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   | 8458 |       |       |
| 198     | 102.0 | 74.7 | 112.1 |       |
| 200     | 31.4  | 25.4 | 38.0  |       |





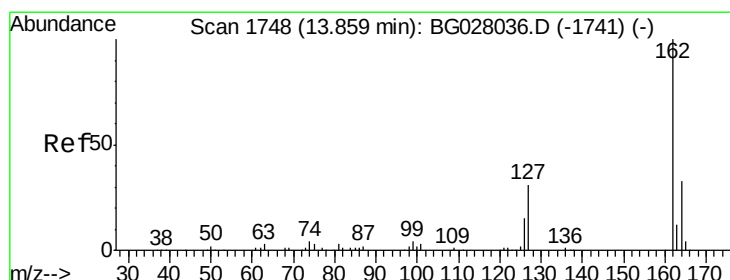
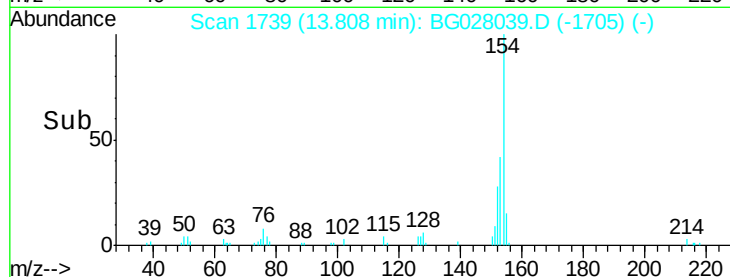
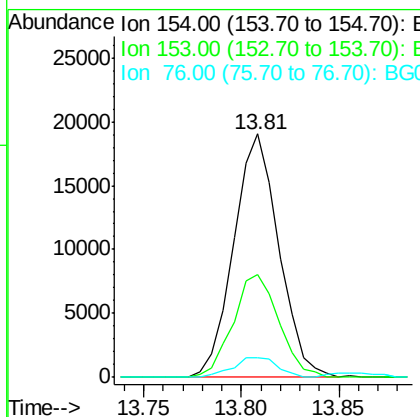
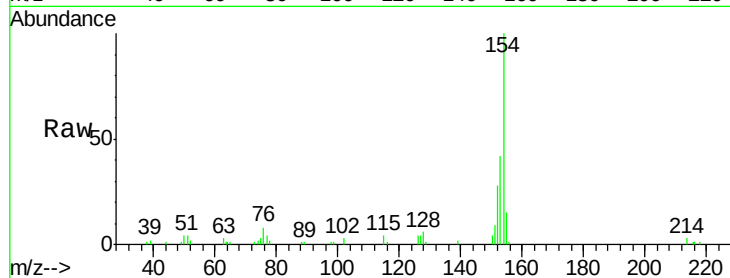
#41  
 1,1'-Biphenyl  
 Concen: 3.841 ng/ul  
 RT: 13.81 min Scan# 1739  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.2  | 34.0  | 51.0  |
| 76      | 8.2   | 8.4   | 12.6  |

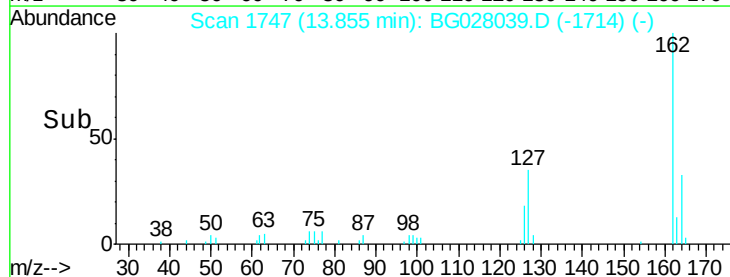
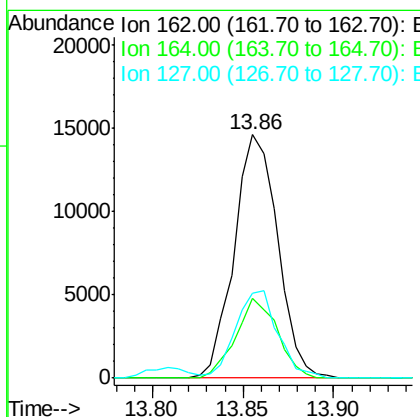
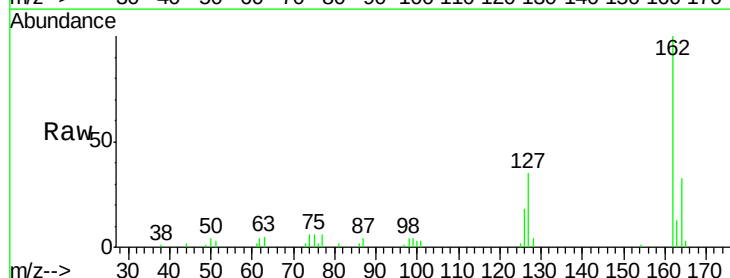
Manual Integrations  
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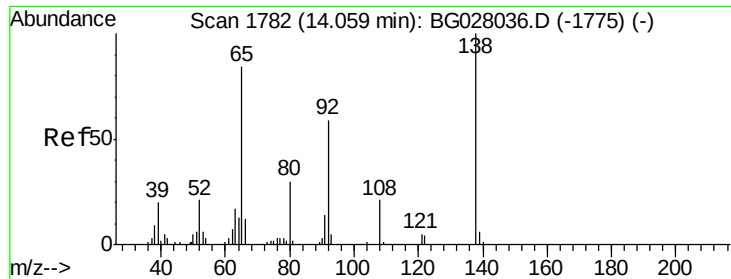
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#42  
 2-Chloronaphthalene  
 Concen: 3.831 ng/ul  
 RT: 13.86 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.6  | 26.2  | 39.4  |
| 127     | 35.1  | 29.5  | 44.3  |





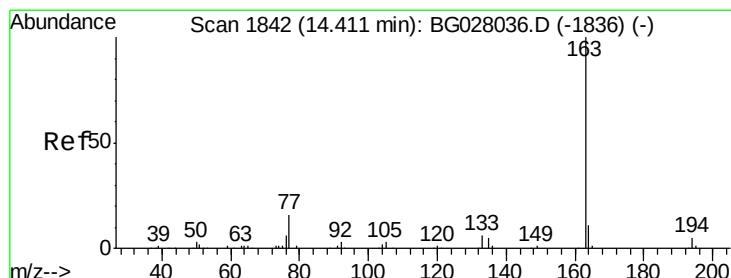
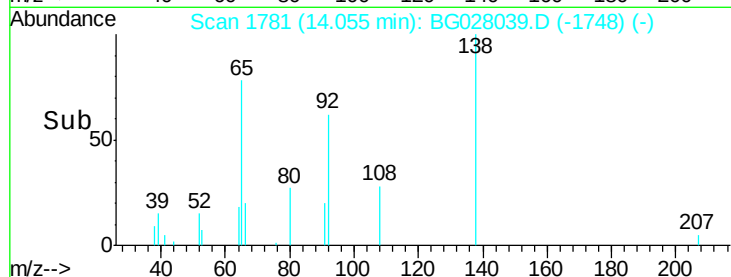
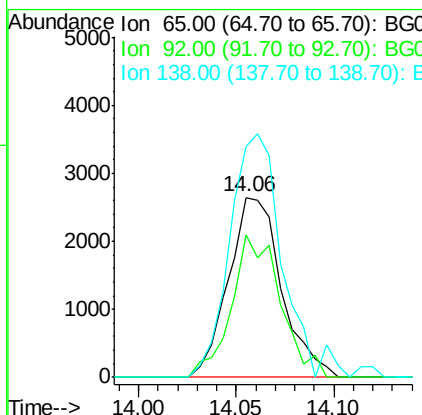
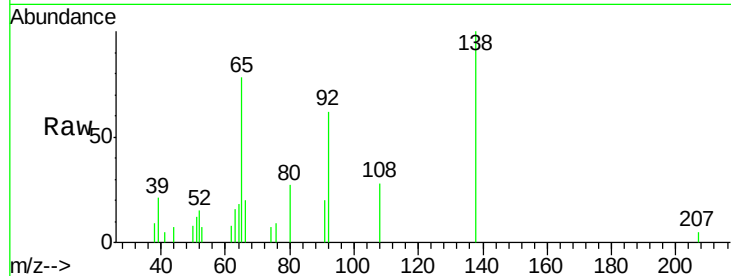
#43  
2-Nitroaniline  
Concen: 3.313 ng/ul  
RT: 14.06 min Scan# 1781  
Delta R.T. -0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-02

Tgt Ion: 65 Resp: 4977  
Ion Ratio Lower Upper  
65 100  
92 79.1 57.0 85.4  
138 128.1 87.2 130.8

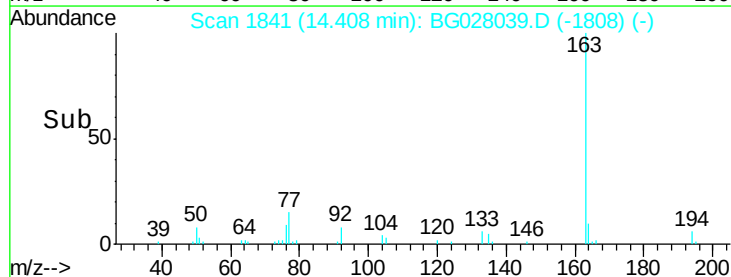
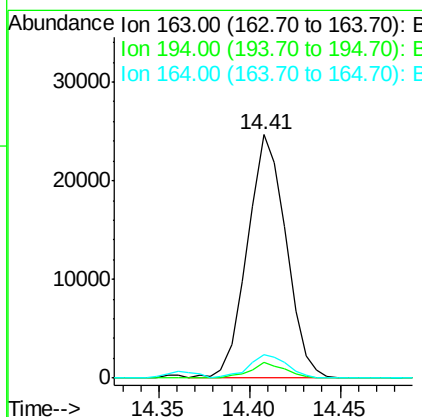
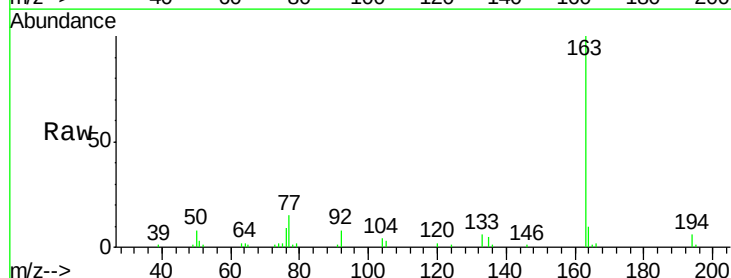
Manual Integrations  
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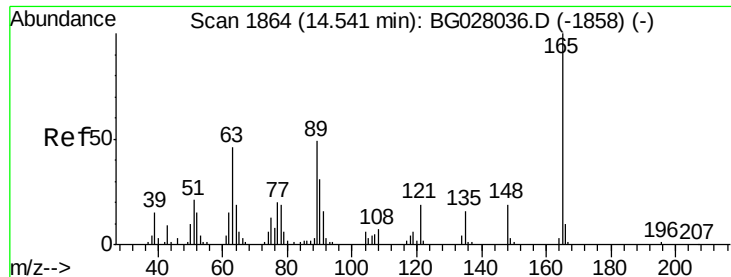
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#45  
Dimethylphthalate  
Concen: 4.060 ng/ul  
RT: 14.41 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Tgt Ion: 163 Resp: 36603  
Ion Ratio Lower Upper  
163 100  
194 6.3 4.0 6.0#  
164 9.6 8.4 12.6





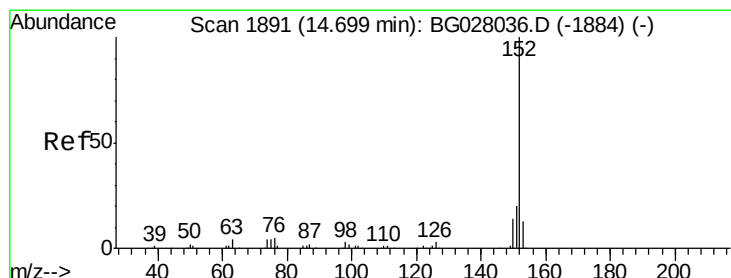
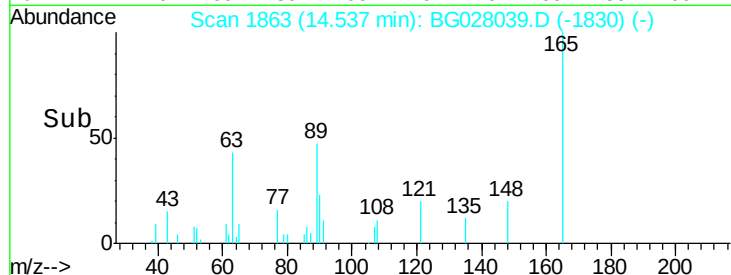
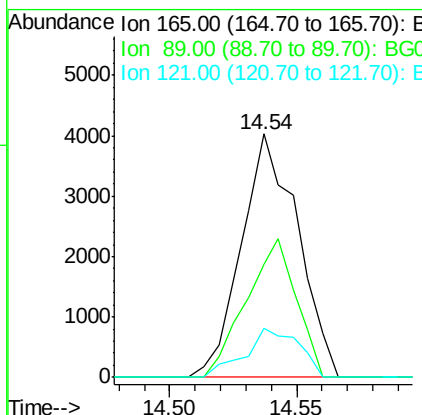
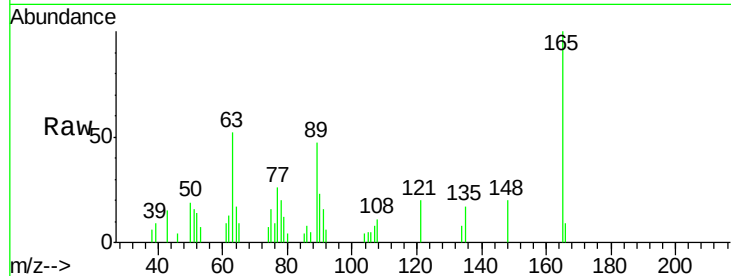
#46  
 2,6-Dinitrotoluene  
 Concen: 3.443 ng/ul  
 RT: 14.54 min Scan# 1863  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 46.7  | 43.8  | 65.8  |
| 121     | 19.9  | 17.8  | 26.6  |

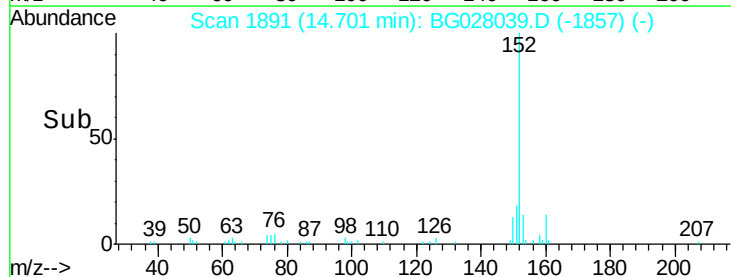
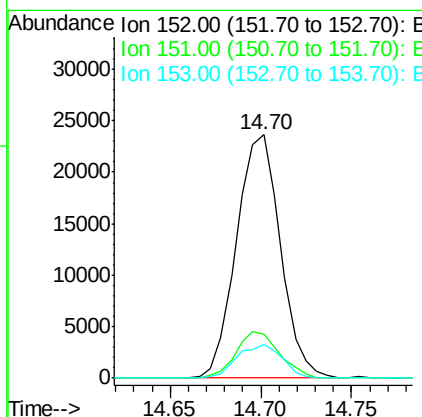
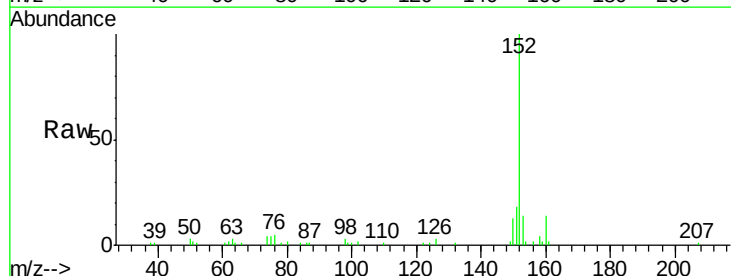
Manual Integrations  
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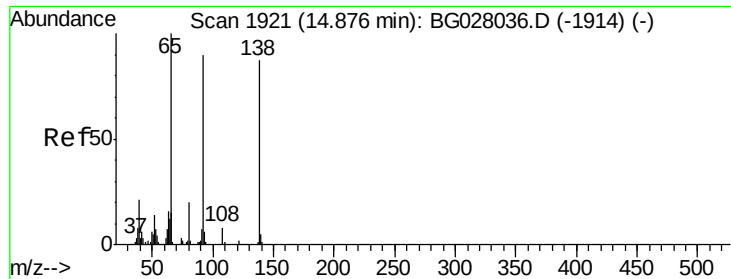
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#48  
 Acenaphthylene  
 Concen: 3.940 ng/ul  
 RT: 14.70 min Scan# 1891  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 18.1  | 16.1  | 24.1  |
| 153     | 13.6  | 10.8  | 16.2  |





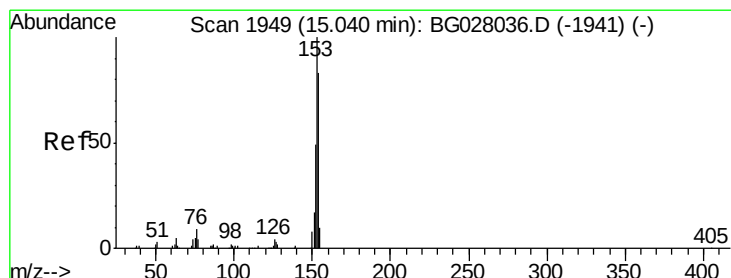
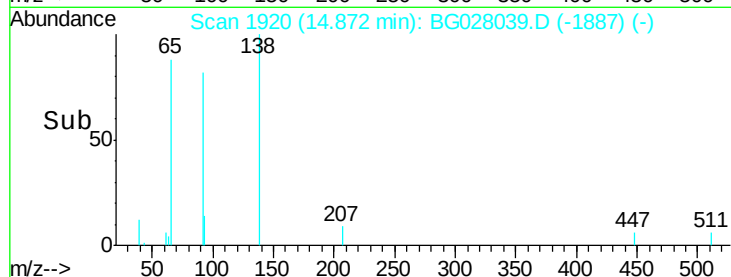
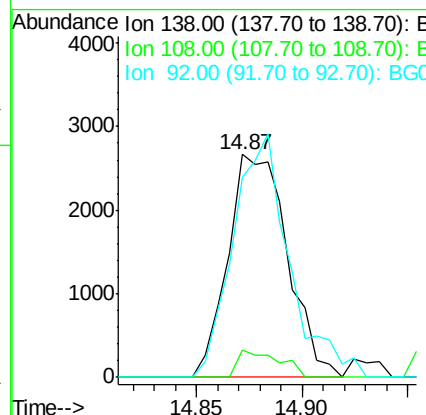
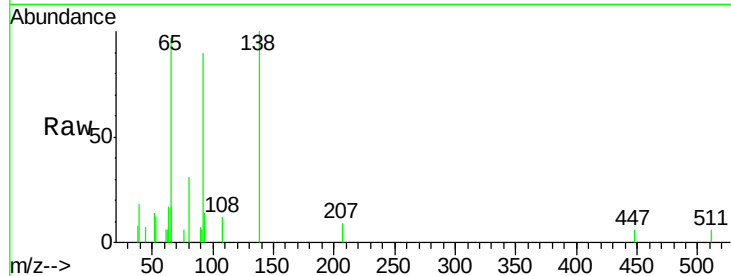
#49  
 3-Nitroaniline  
 Concen: 3.455 ng/ul  
 RT: 14.87 min Scan# 1920  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 12.2  | 7.6   | 11.4#  |
| 92      | 89.8  | 94.2  | 141.2# |

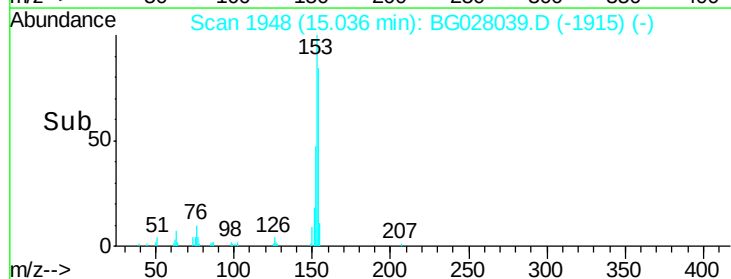
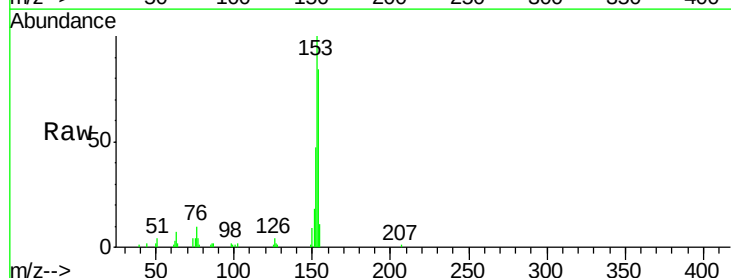
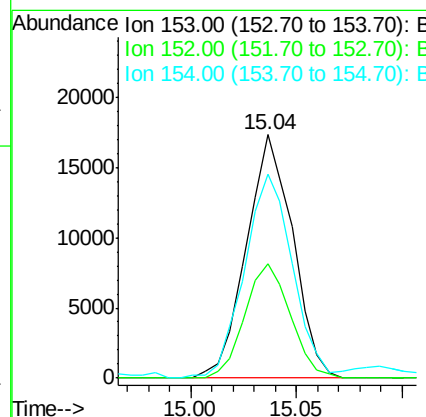
Manual Integrations  
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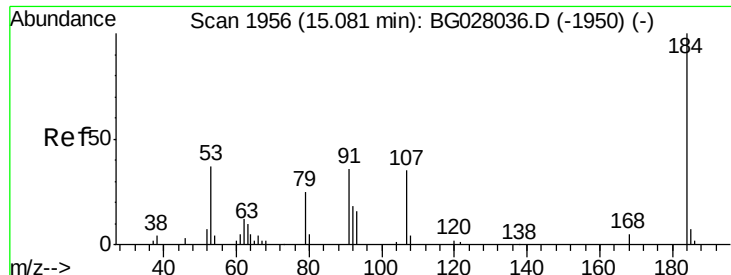
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#50  
 Acenaphthene  
 Concen: 3.817 ng/ul  
 RT: 15.04 min Scan# 1948  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

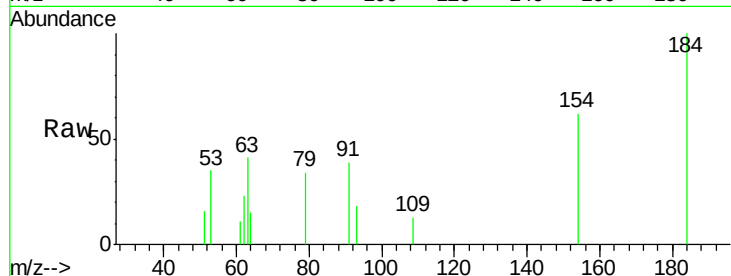
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 47.2  | 37.9  | 56.9  |
| 154     | 83.7  | 69.8  | 104.6 |





#51  
 2,4-Dinitrophenol  
 Concen: 2.213 ng/ul  
 RT: 15.09 min Scan# 1957  
 Delta R.T. 0.01 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

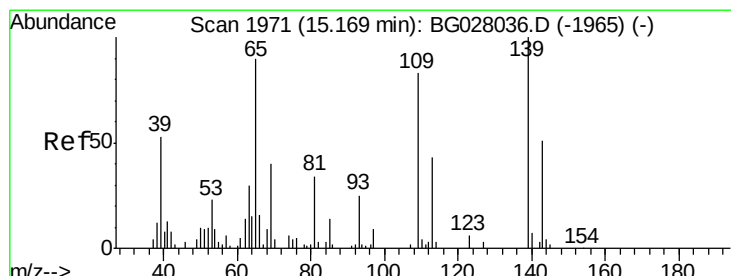
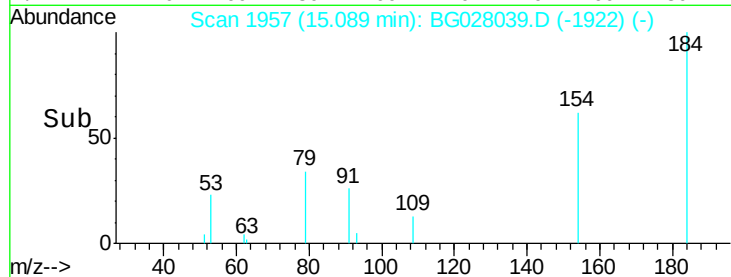
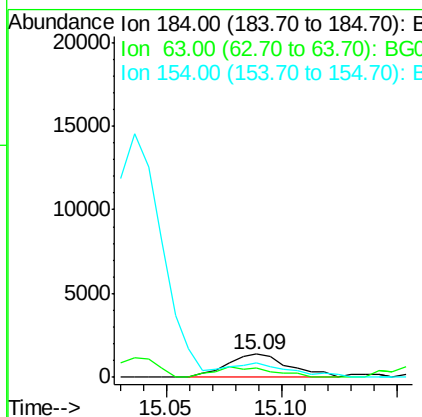
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 41.0  | 39.7  | 59.5  |
| 154     | 62.2  | 45.0  | 67.6  |

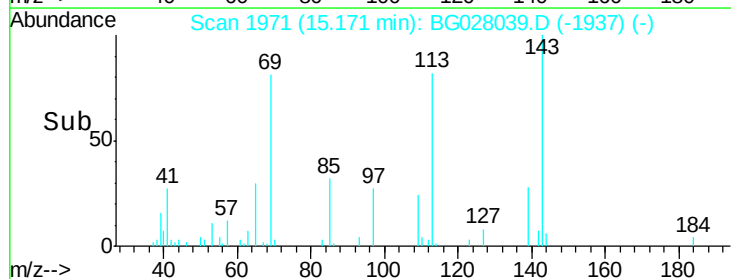
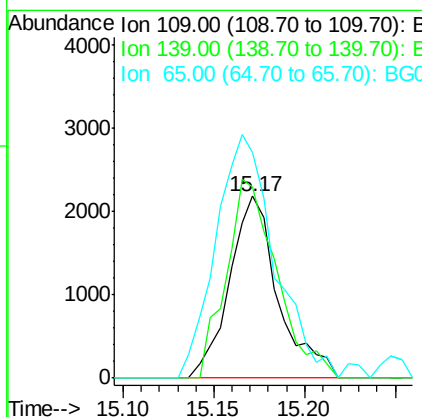
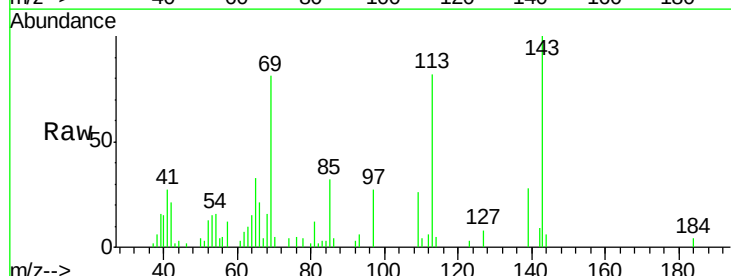
Manual Integrations  
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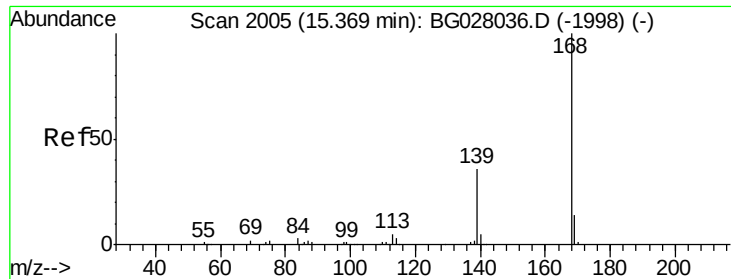
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#53  
 4-Nitrophenol  
 Concen: 3.394 ng/ul  
 RT: 15.17 min Scan# 1971  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 105.2 | 91.2  | 136.8 |
| 65      | 124.2 | 92.6  | 139.0 |





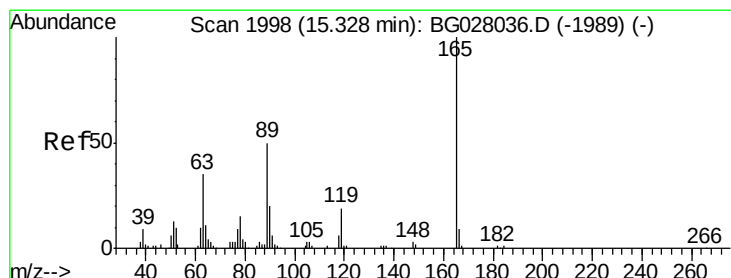
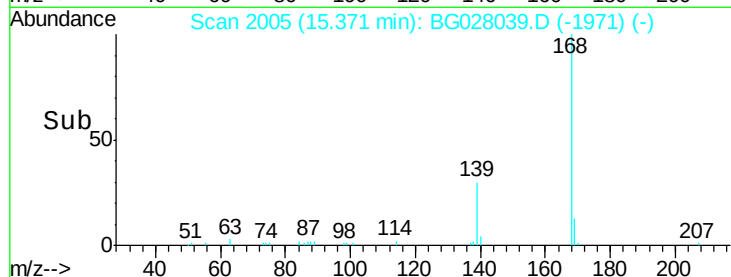
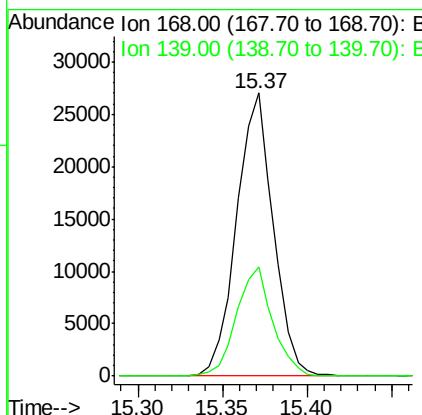
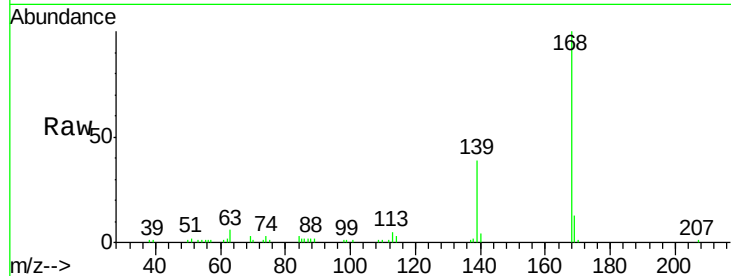
#54  
Dibenzenofuran  
Concen: 3.884 ng/ul  
RT: 15.37 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-02

Tgt Ion:168 Resp: 40803  
Ion Ratio Lower Upper  
168 100  
139 38.8 31.0 46.4

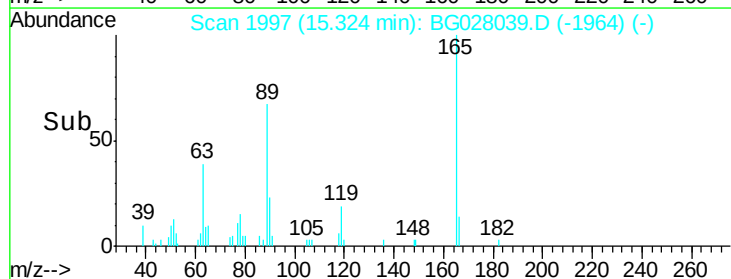
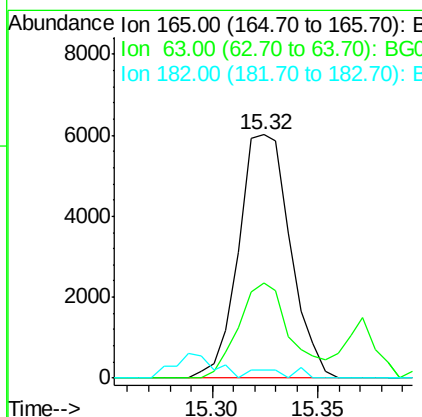
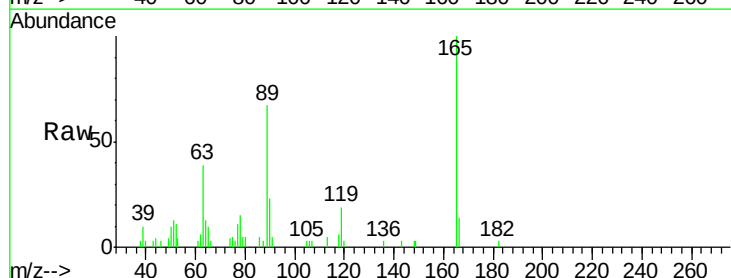
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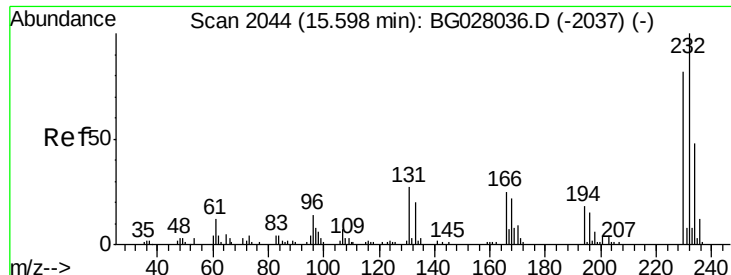


#55  
2,4-Dinitrotoluene  
Concen: 3.771 ng/ul  
RT: 15.32 min Scan# 1997  
Delta R.T. -0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Tgt Ion:165 Resp: 10194  
Ion Ratio Lower Upper  
165 100  
63 39.3 31.4 47.0  
182 3.4 2.7 4.1







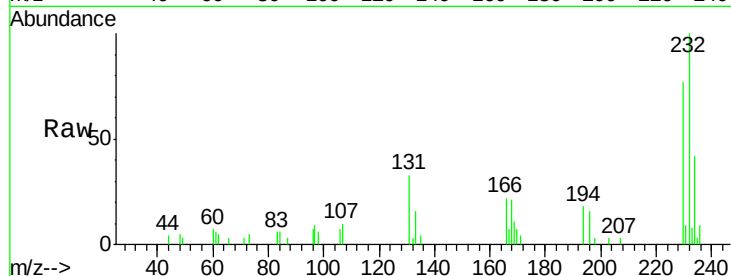
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 3.272 ng/ul  
 RT: 15.60 min Scan# 2044  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

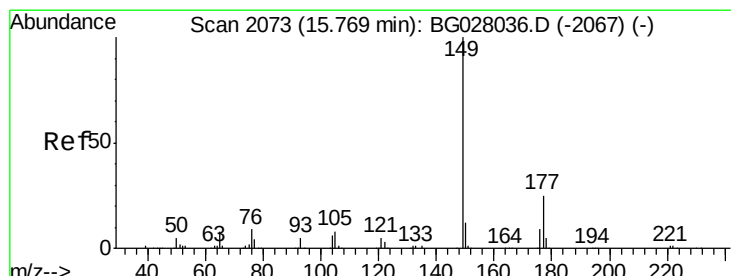
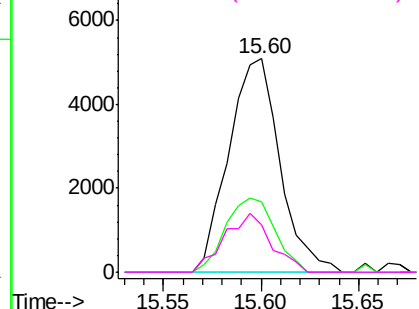
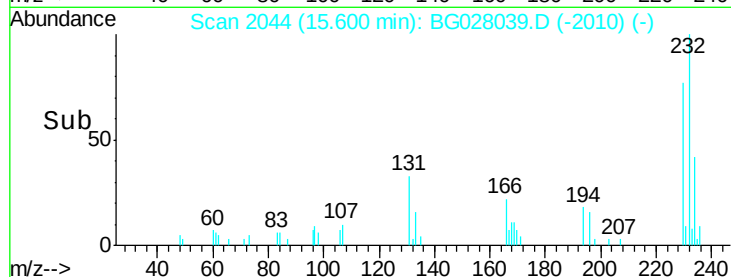
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 232   | Resp: | 9257 |
| Ion Ratio | Lower | Upper |      |
| 232       | 100   |       |      |
| 131       | 33.0  | 27.1  | 40.7 |
| 130       | 0.0   | 0.0   | 0.0  |
| 166       | 21.9  | 20.0  | 30.0 |

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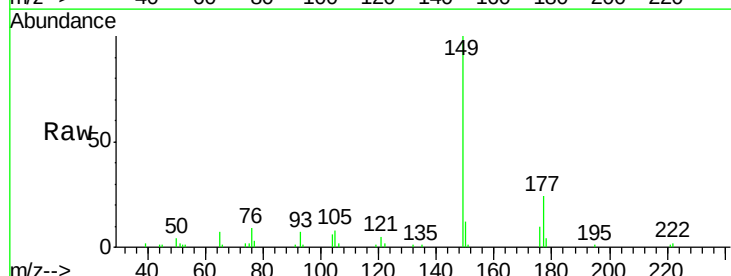


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

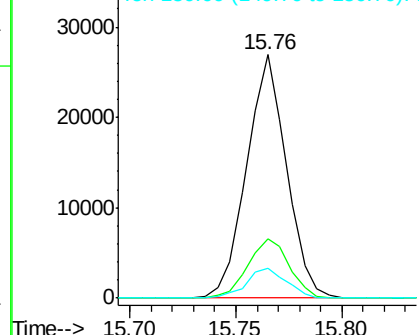
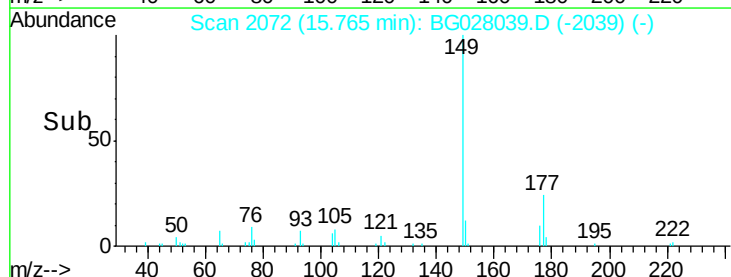


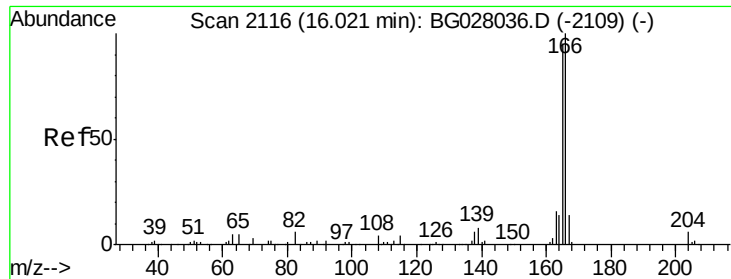
#57  
 Diethylphthalate  
 Concen: 3.710 ng/ul  
 RT: 15.76 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 35120 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 177       | 24.4  | 19.3  | 28.9  |
| 150       | 12.3  | 10.6  | 15.8  |



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





#59

Fluorene

Concen: 3.660 ng/ul

RT: 16.02 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

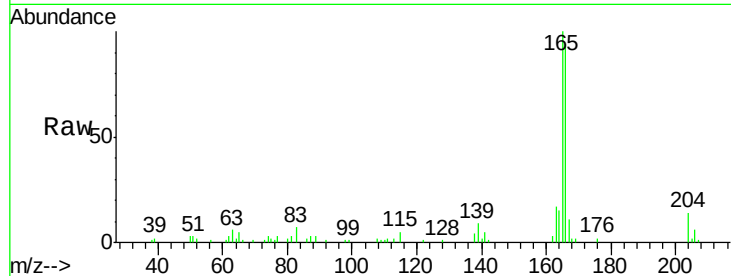
ClientSampleId :

MDL-S-02

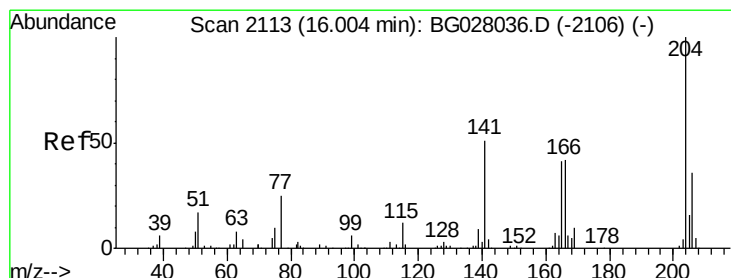
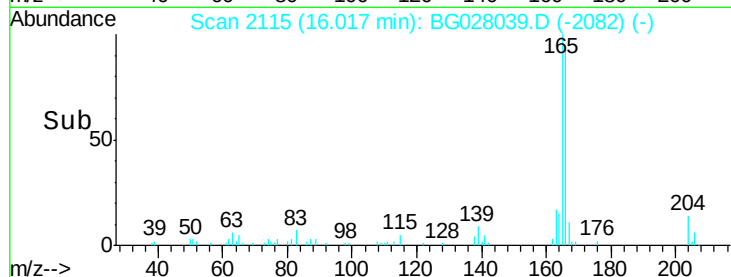
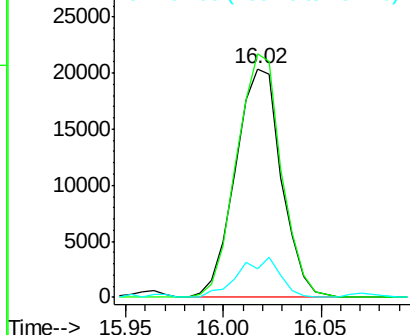
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 33356 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 106.6 | 78.4  | 117.6 |
| 167       | 12.2  | 11.1  | 16.7  |

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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



#60

4-Chlorophenyl-phenylether

Concen: 3.923 ng/ul

RT: 16.00 min Scan# 2112

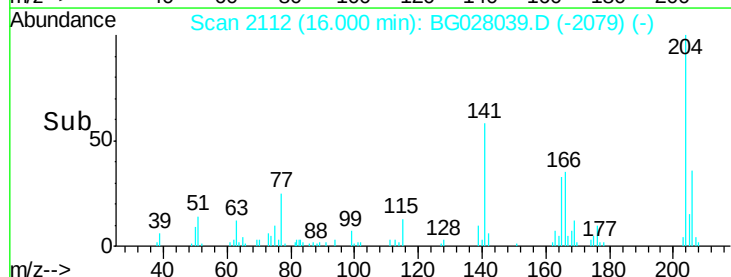
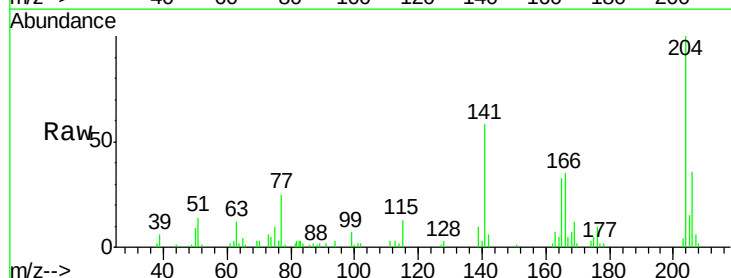
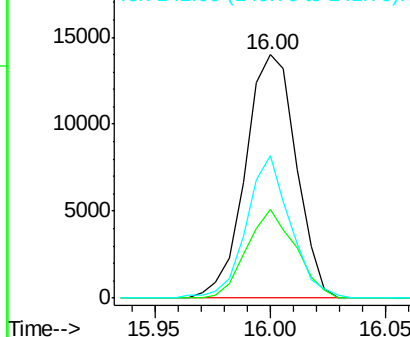
Delta R.T. -0.00 min

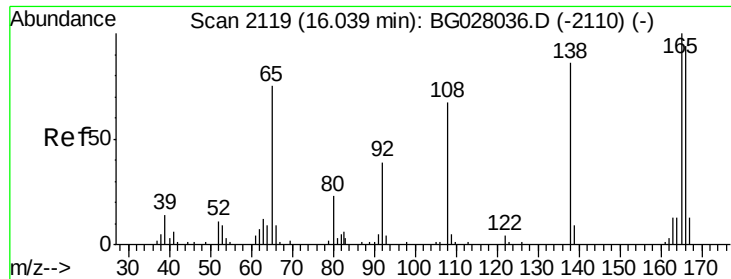
Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 21360 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 36.2  | 26.6  | 40.0  |
| 141       | 58.5  | 40.7  | 61.1  |

Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 3.889 ng/ul m

RT: 16.04 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

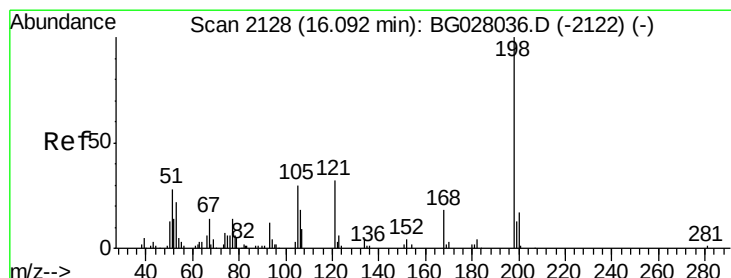
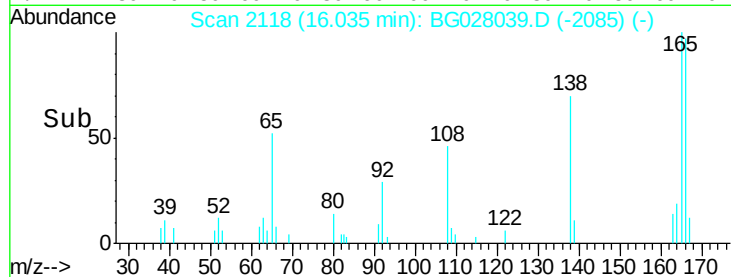
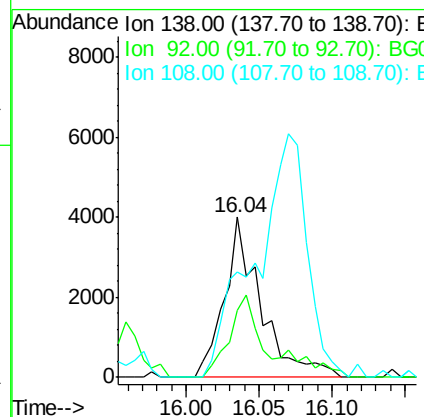
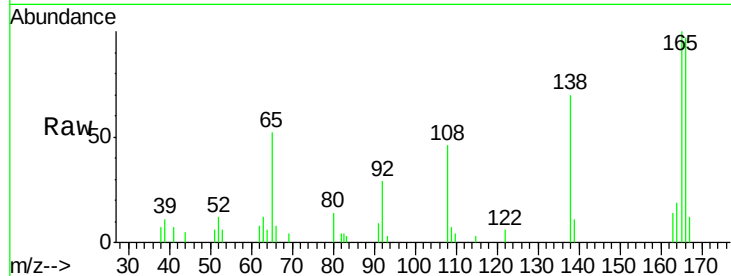
ClientSampled :

MDL-S-02

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 42.0  | 38.2  | 57.4   |
| 108     | 65.9  | 70.0  | 105.0# |

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#64

4,6-Dinitro-2-methylphenol

Concen: 3.755 ng/ul

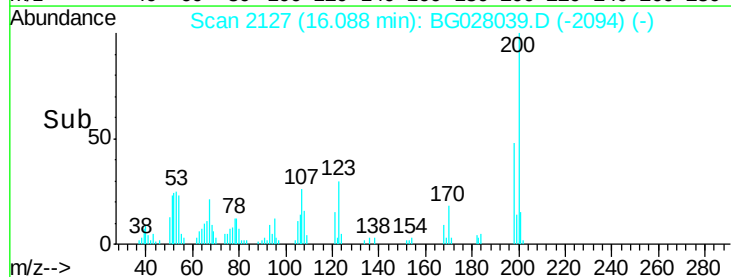
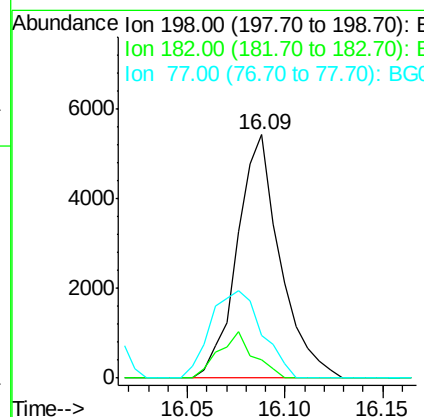
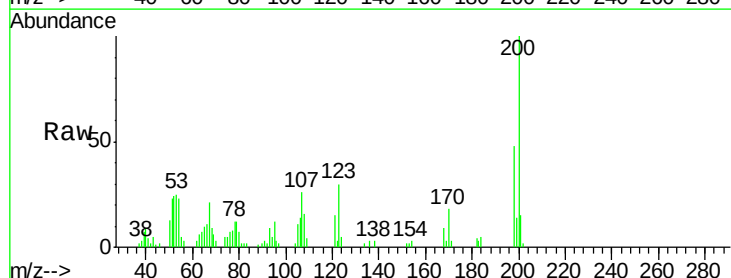
RT: 16.09 min Scan# 2127

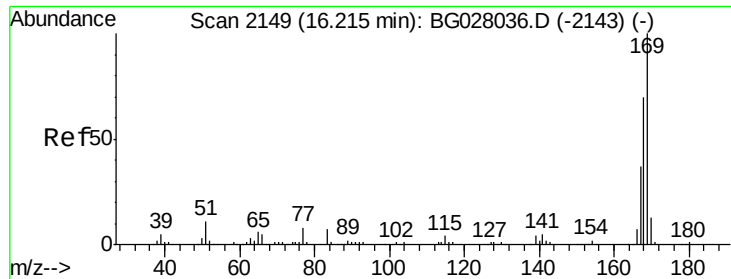
Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 7.5   | 3.5   | 5.3#  |
| 77      | 17.6  | 18.2  | 27.4# |





#65

N-Nitrosodiphenylamine

Concen: 3.752 ng/ul

RT: 16.21 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

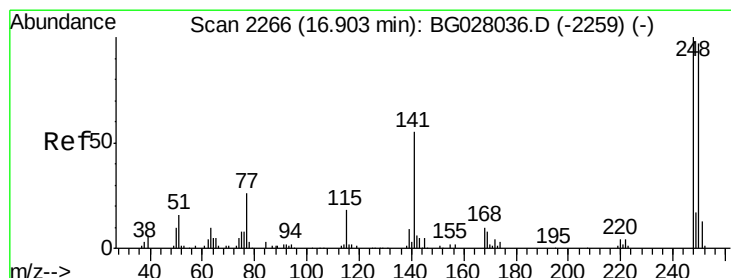
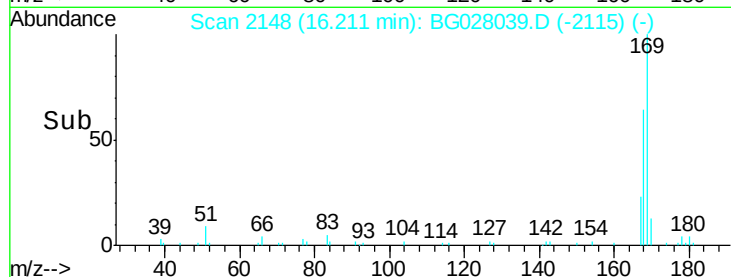
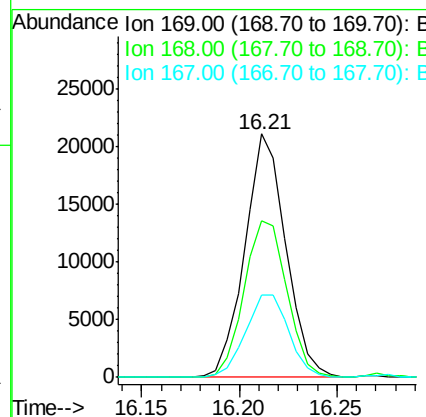
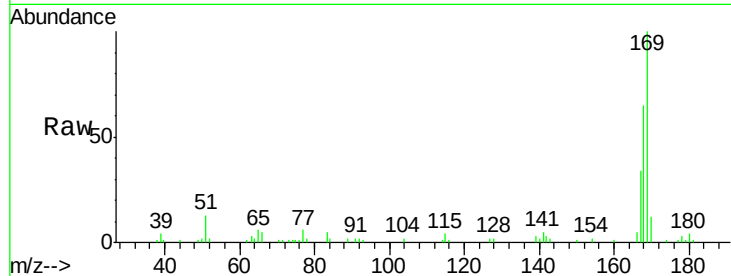
ClientSampled :

MDL-S-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 169   | Resp: | 30660 |
| Ion Ratio | Lower | Upper |       |
| 169       | 100   |       |       |
| 168       | 64.5  | 53.8  | 80.8  |
| 167       | 33.9  | 29.5  | 44.3  |

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#66

4-Bromophenyl-phenylether

Concen: 3.501 ng/ul

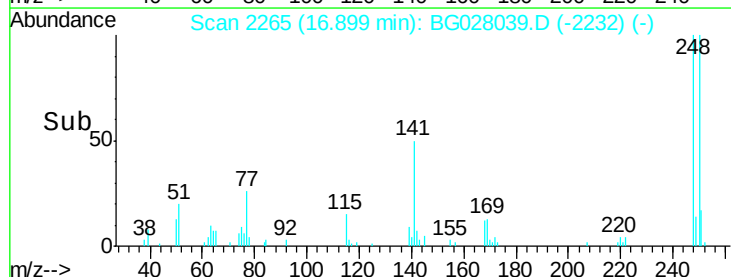
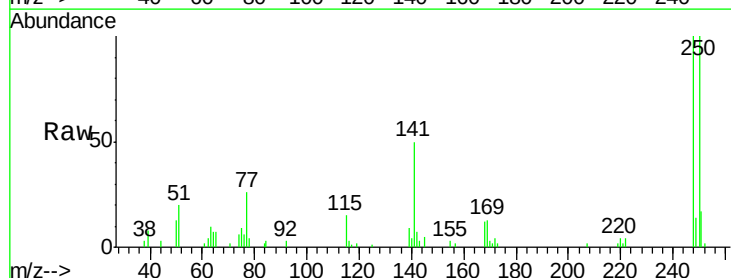
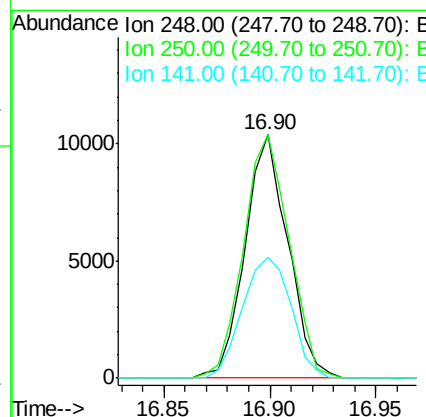
RT: 16.90 min Scan# 2265

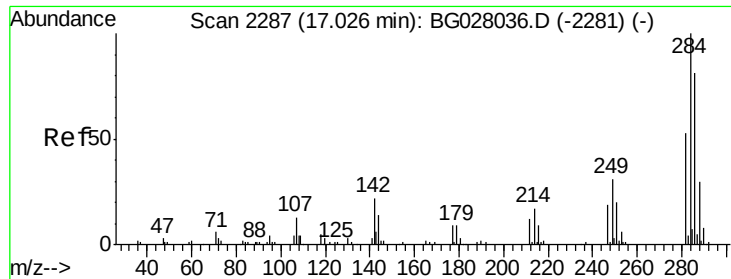
Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 14571 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 100.1 | 79.0  | 118.4 |
| 141       | 49.7  | 51.9  | 77.9# |





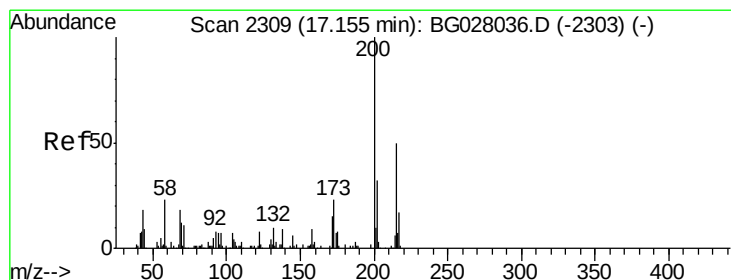
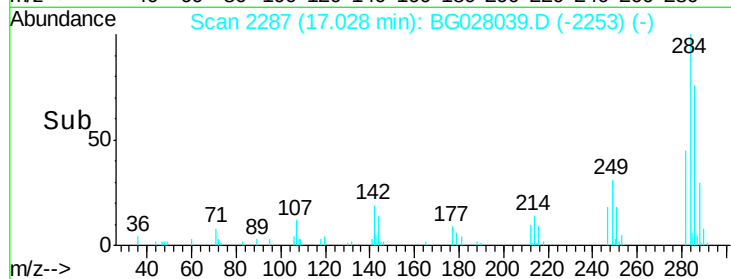
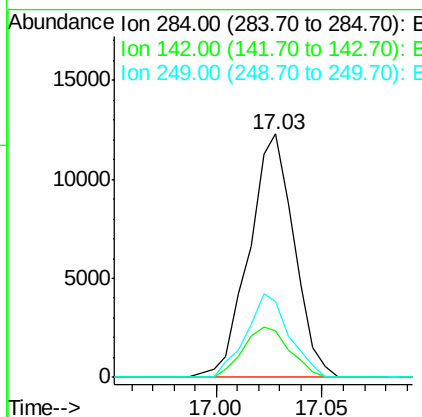
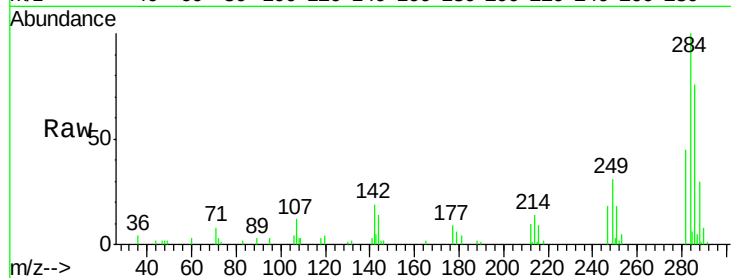
#67  
Hexachlorobenzene  
Concen: 3.845 ng/ul  
RT: 17.03 min Scan# 2287  
Delta R.T. 0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 19.0  | 21.3  | 31.9# |
| 249     | 31.1  | 26.3  | 39.5  |

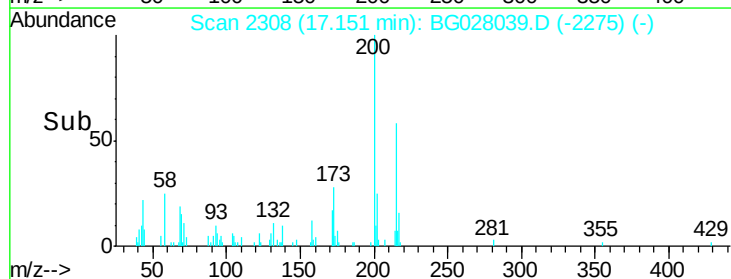
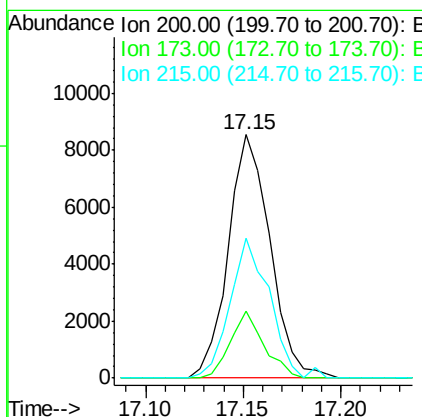
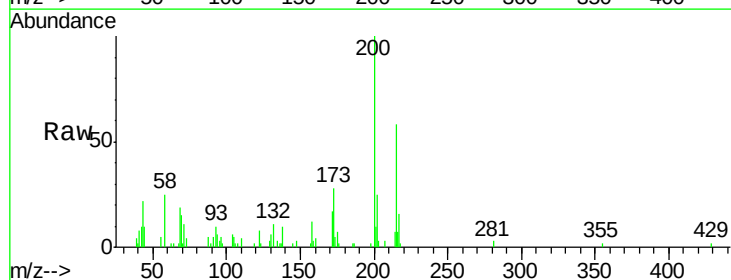
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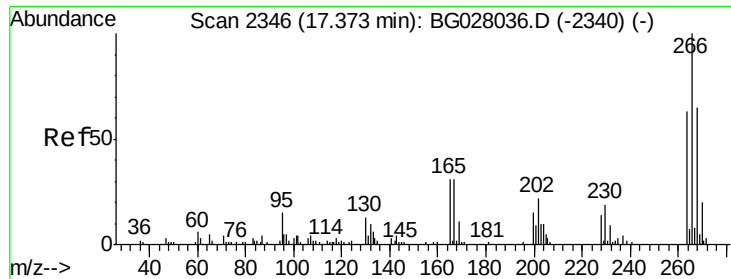
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#68  
Atrazine  
Concen: 3.256 ng/ul  
RT: 17.15 min Scan# 2308  
Delta R.T. -0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.7  | 20.6  | 31.0  |
| 215     | 57.6  | 39.8  | 59.6  |





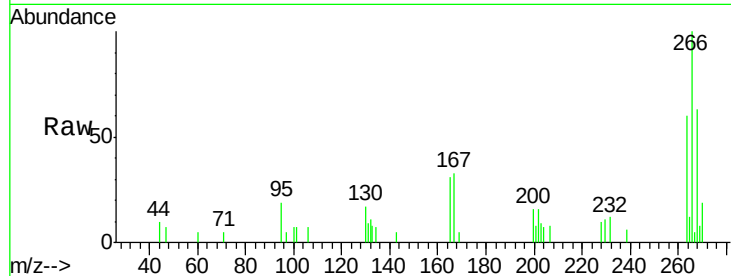
#69  
 Pentachlorophenol  
 Concen: 2.084 ng/ul  
 RT: 17.37 min Scan# 2346  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

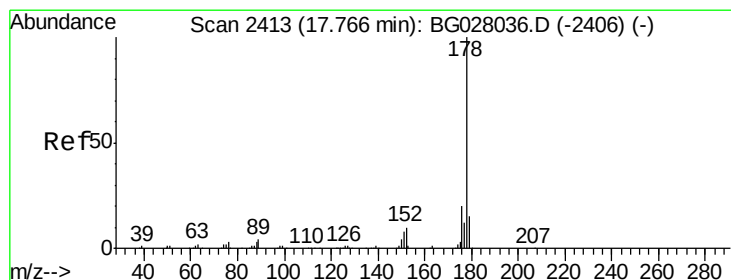
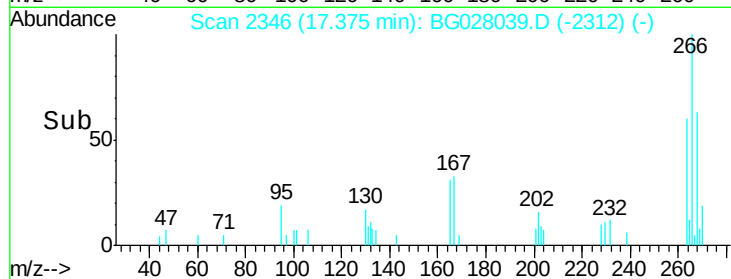
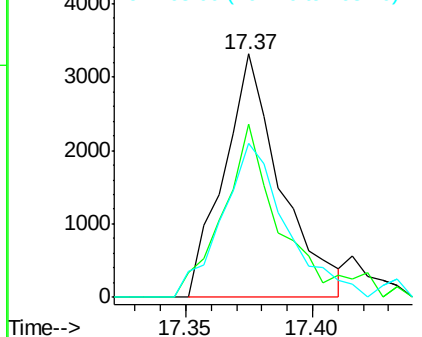
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 71.3  | 48.2  | 72.4  |
| 268     | 63.4  | 52.3  | 78.5  |

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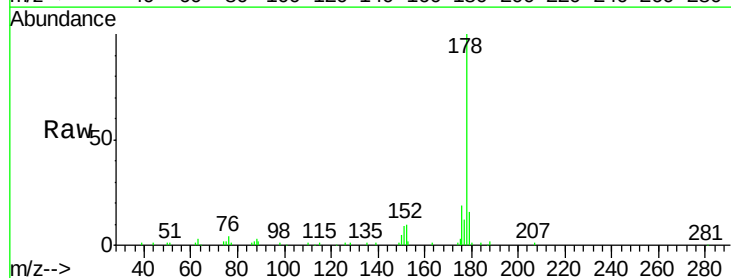


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

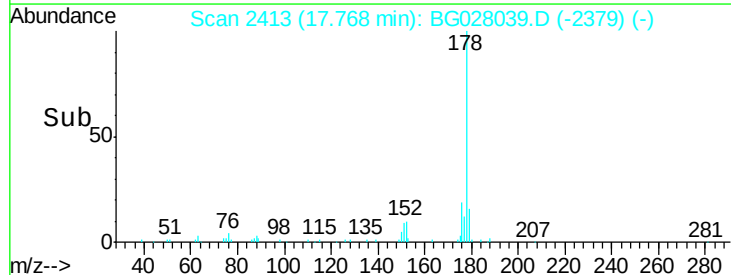
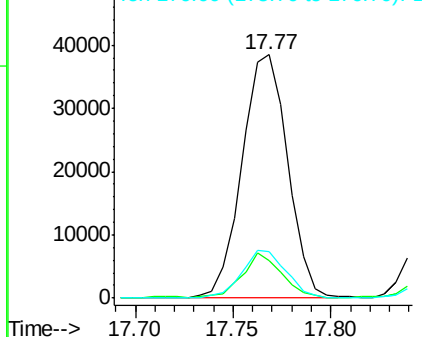


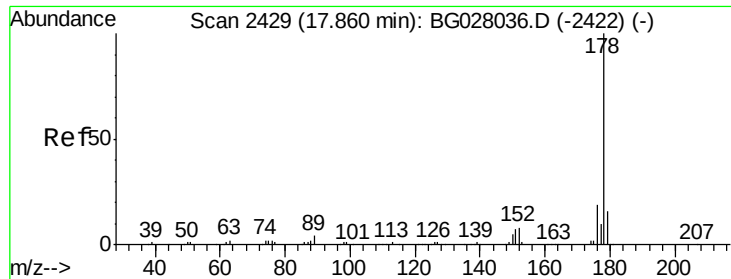
#70  
 Phenanthrene  
 Concen: 3.879 ng/ul  
 RT: 17.77 min Scan# 2413  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.6  | 12.3  | 18.5  |
| 176     | 19.1  | 15.4  | 23.0  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.863 ng/uL

RT: 17.86 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

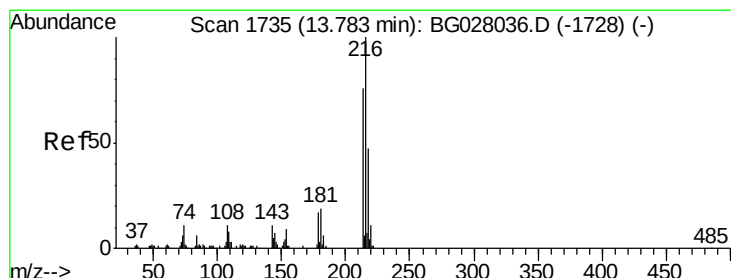
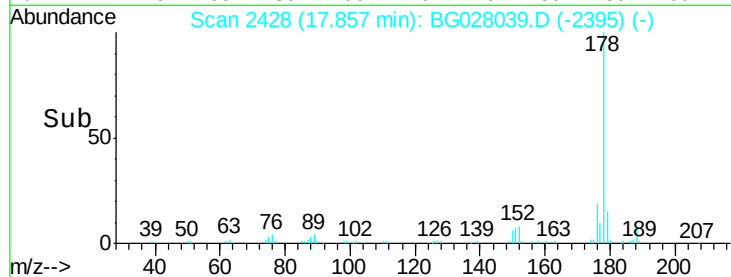
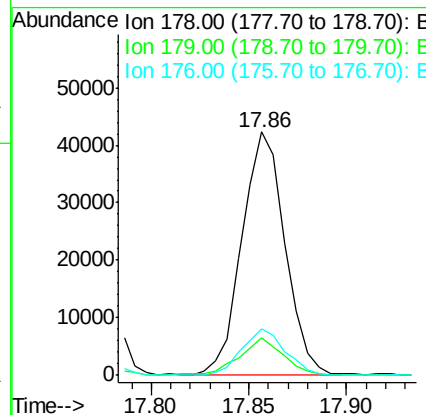
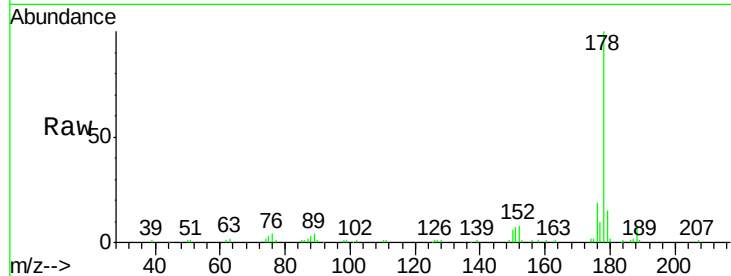
ClientSampleID :

MDL-S-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 64725 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 15.4  | 13.4  | 20.2  |
| 176       | 19.3  | 15.4  | 23.0  |

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.647 ng/uL

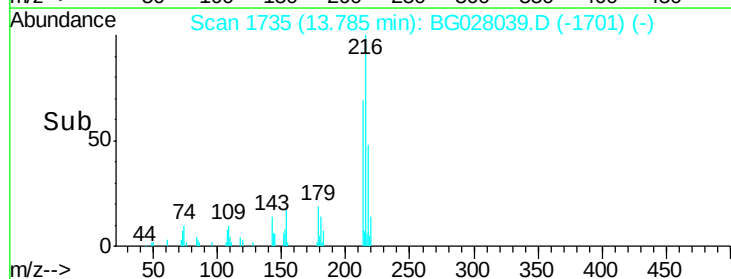
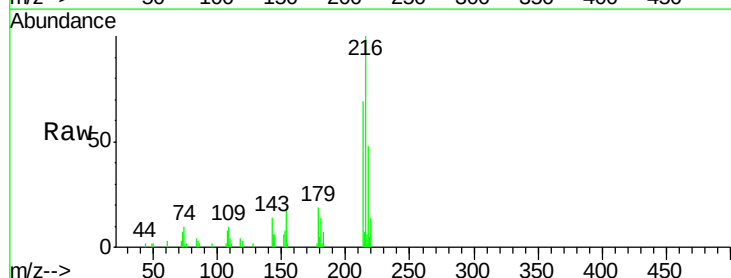
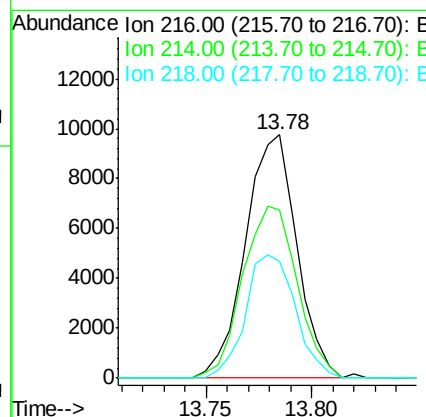
RT: 13.78 min Scan# 1735

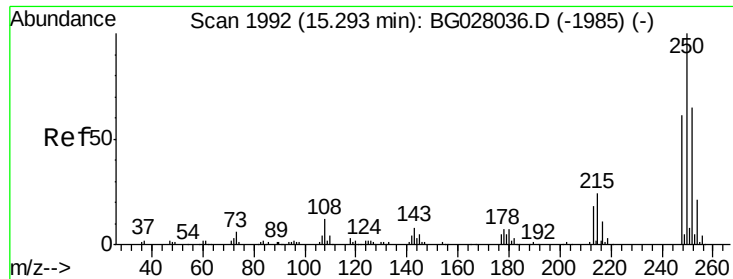
Delta R.T. 0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 16467 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 69.2  | 64.1  | 96.1  |
| 218       | 48.0  | 39.4  | 59.0  |





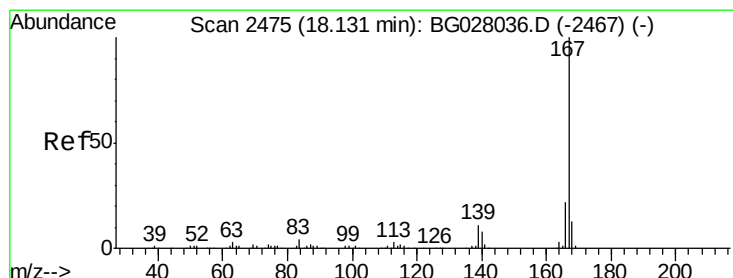
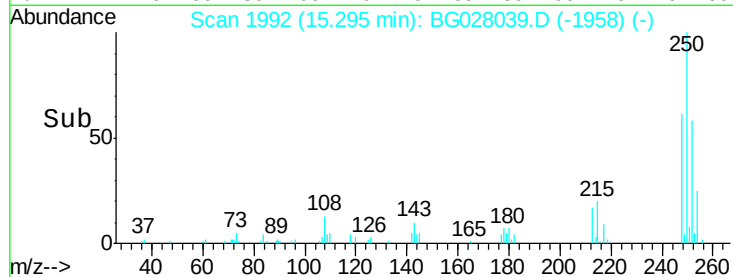
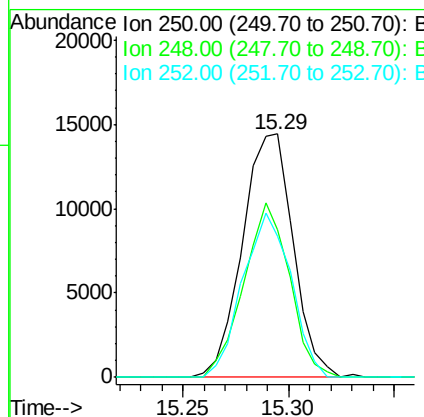
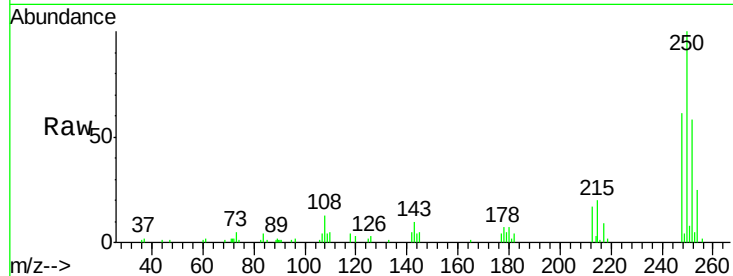
#74  
 Pentachlorobenzene  
 Concen: 3.582 ng/uL  
 RT: 15.29 min Scan# 1992  
 Delta R.T. 0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 60.7  | 51.4  | 77.2  |
| 252     | 58.3  | 49.8  | 74.6  |

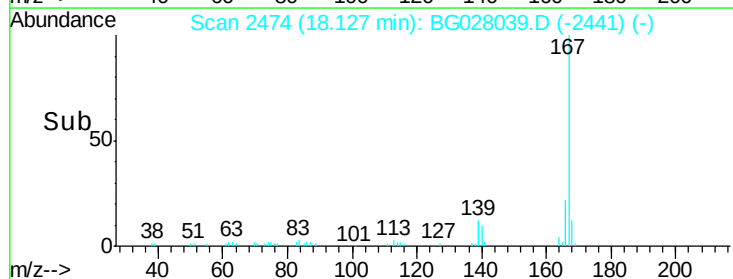
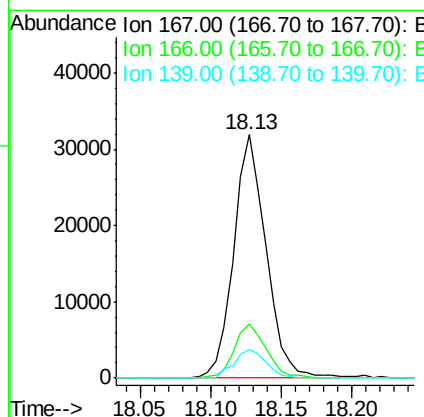
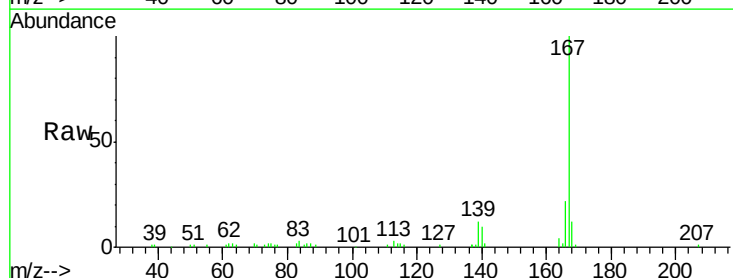
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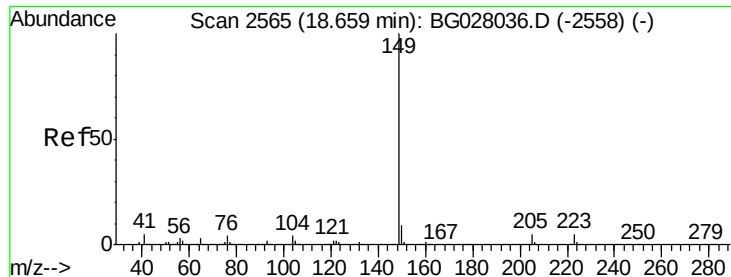


#75  
 Carbazole  
 Concen: 3.722 ng/uL  
 RT: 18.13 min Scan# 2474  
 Delta R.T. -0.00 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 17.0  | 25.4  |
| 139     | 11.5  | 9.1   | 13.7  |







#76

Di-n-butylphthalate

Concen: 3.671 ng/ul

RT: 18.66 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

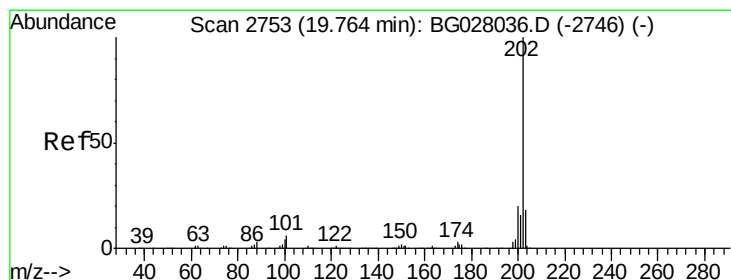
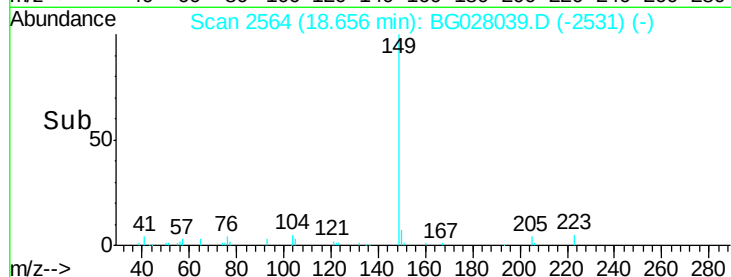
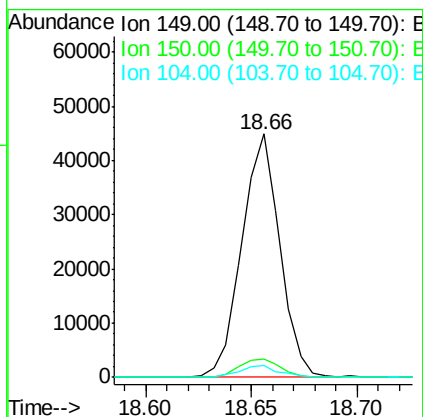
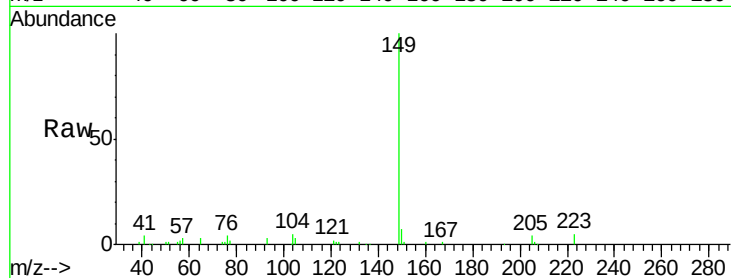
ClientSampleId :

MDL-S-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 55926 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 150       | 7.4   | 7.5   | 11.3# |
| 104       | 5.0   | 4.1   | 6.1   |

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#77

Fluoranthene

Concen: 3.957 ng/ul

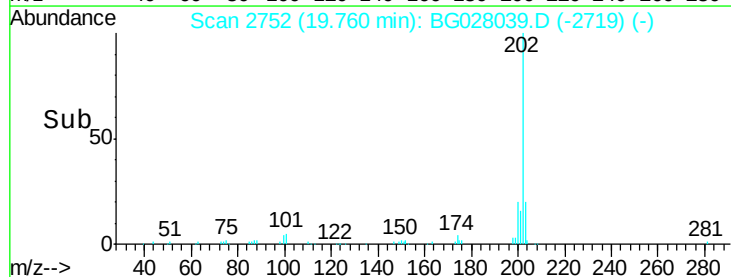
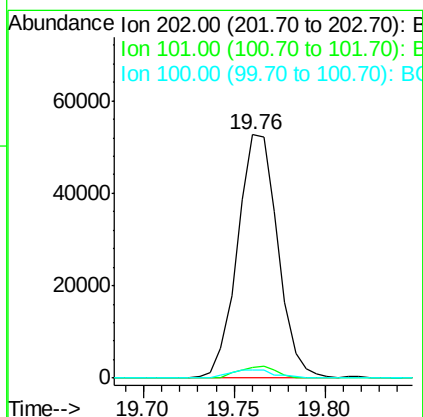
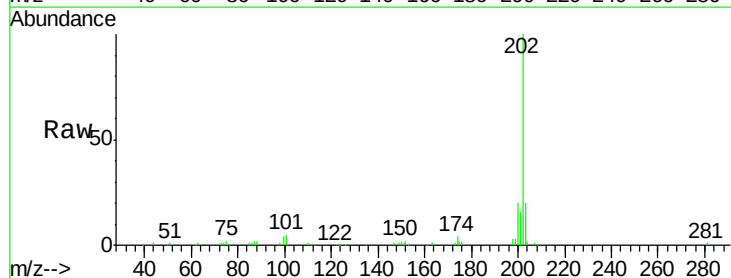
RT: 19.76 min Scan# 2752

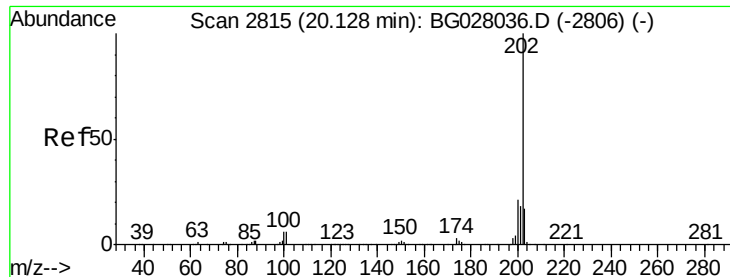
Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 81388 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 4.6   | 6.1   | 9.1#  |
| 100       | 3.6   | 4.6   | 7.0#  |





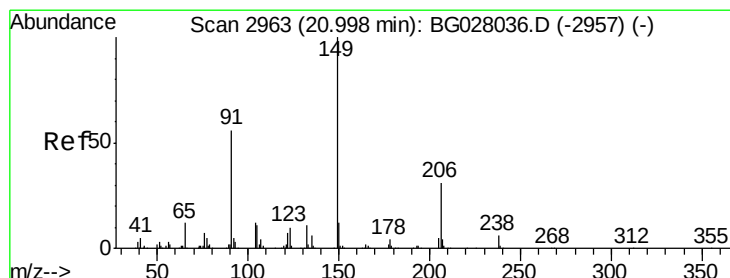
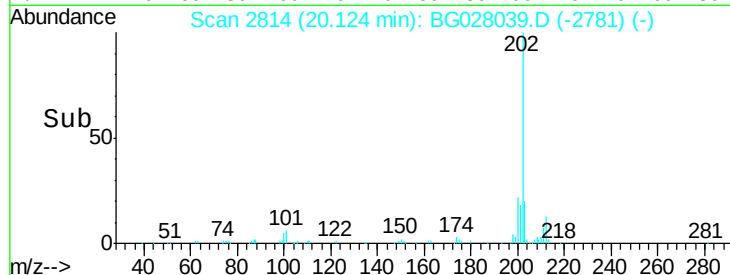
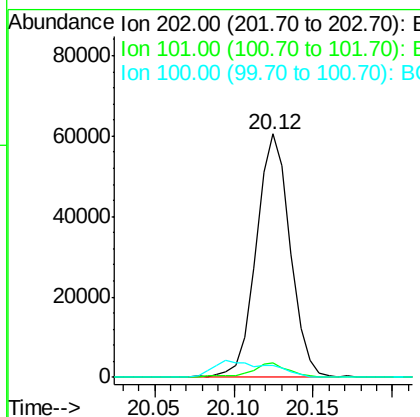
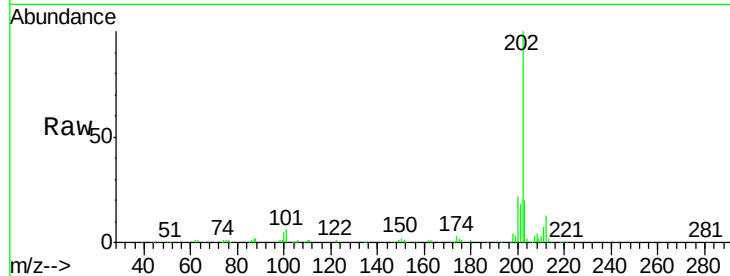
#80  
Pyrene  
Concen: 4.062 ng/ul  
RT: 20.12 min Scan# 2814  
Delta R.T. -0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 5.7   | 6.9        | 10.3#      |
| 100     | 5.0   | 5.6        | 8.4#       |

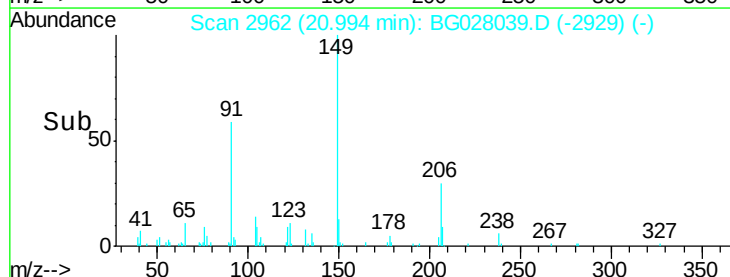
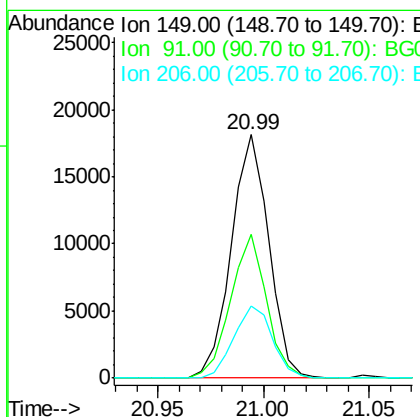
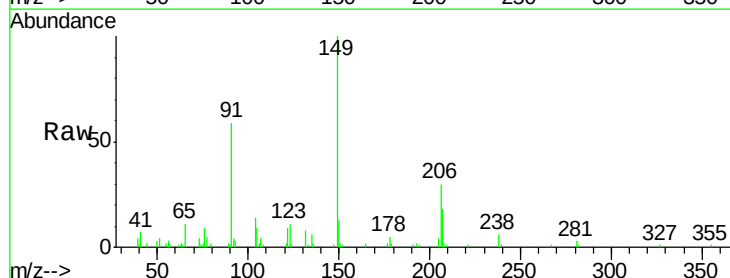
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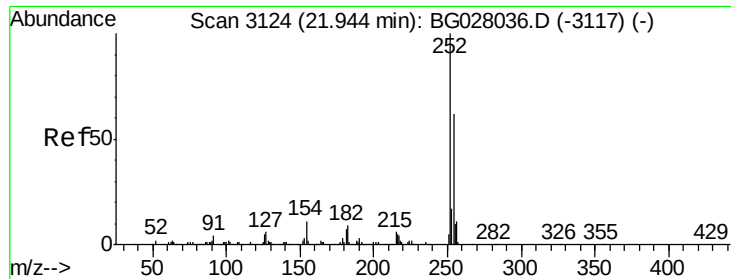
Sohil  
7/28/2017 4:45:56 PM



#81  
Butylbenzylphthalate  
Concen: 3.364 ng/ul  
RT: 20.99 min Scan# 2962  
Delta R.T. -0.00 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 59.0  | 53.4       | 80.0       |
| 206     | 29.9  | 19.3       | 28.9#      |





#82

3,3'-Dichlorobenzidine

Concen: 3.238 ng/ul

RT: 21.94 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

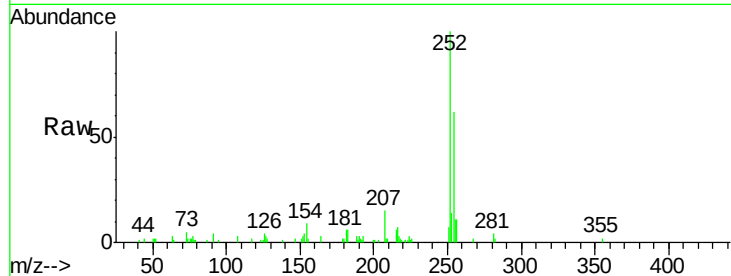
ClientSampleId :

MDL-S-02

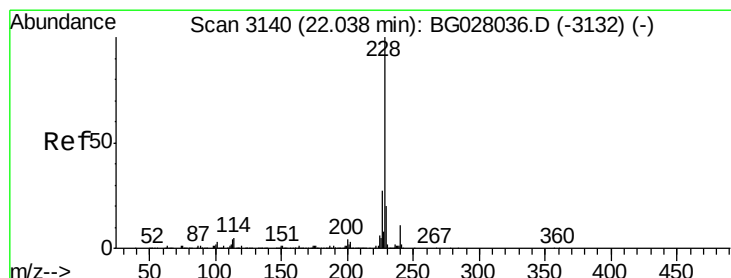
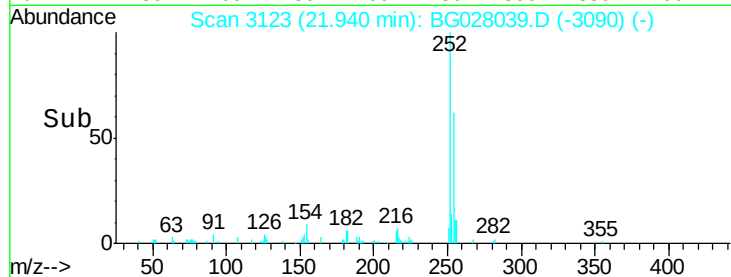
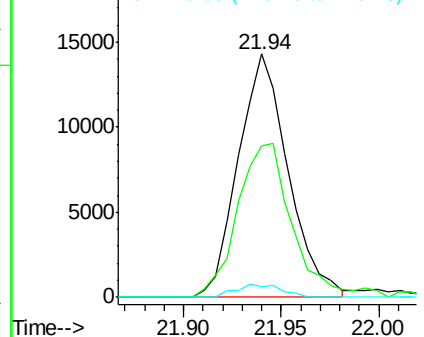
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 25311 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 62.1  | 52.8  | 79.2  |
| 126       | 4.4   | 6.9   | 10.3# |

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 3.858 ng/ul

RT: 22.03 min Scan# 3139

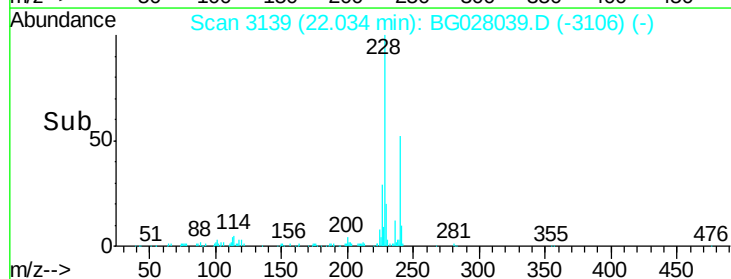
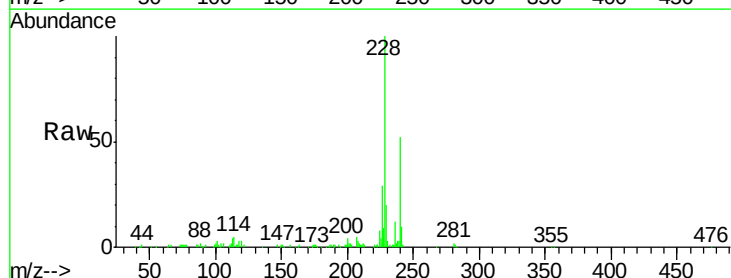
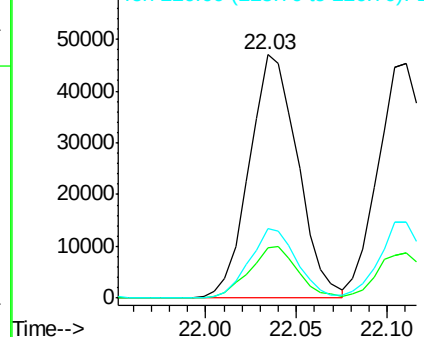
Delta R.T. -0.00 min

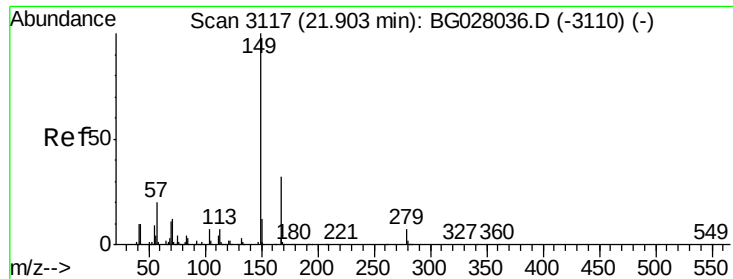
Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 87545 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 229       | 20.5  | 16.0  | 24.0  |
| 226       | 28.7  | 21.8  | 32.8  |

Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.264 ng/ul

RT: 21.90 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

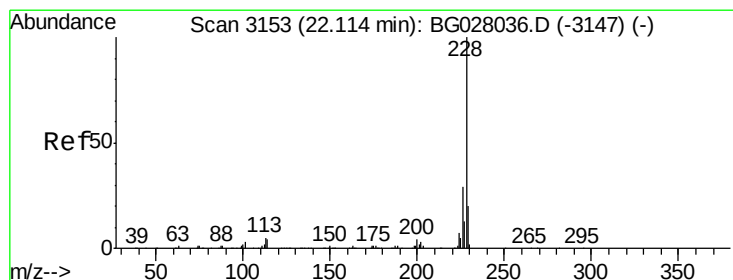
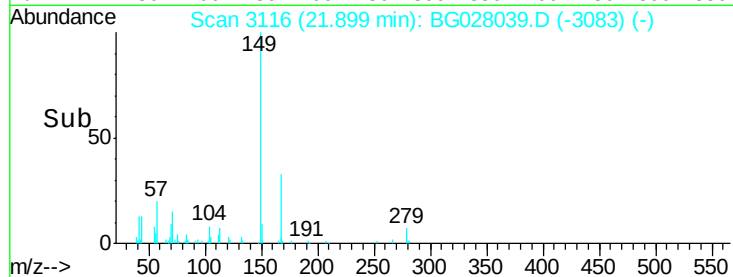
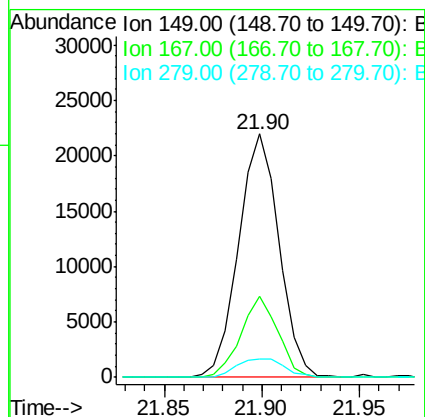
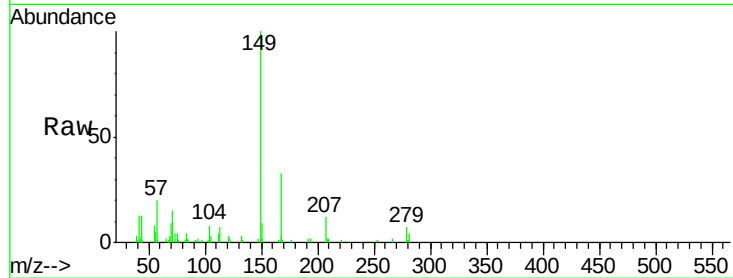
ClientSampleId :

MDL-S-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 31462 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 33.1  | 23.0  | 34.6  |
| 279       | 7.5   | 4.3   | 6.5   |

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#85

Chrysene

Concen: 4.009 ng/ul

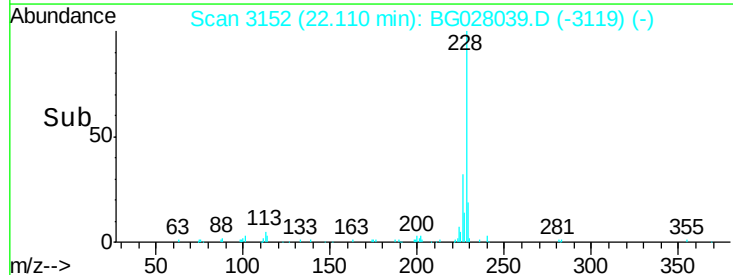
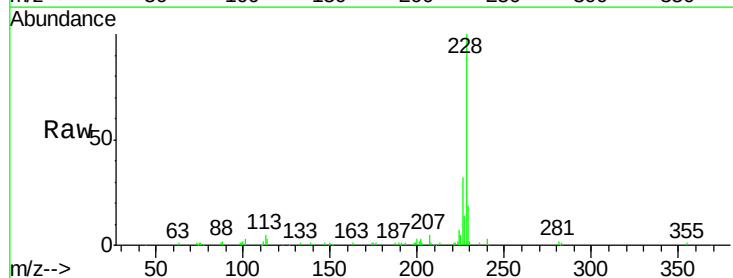
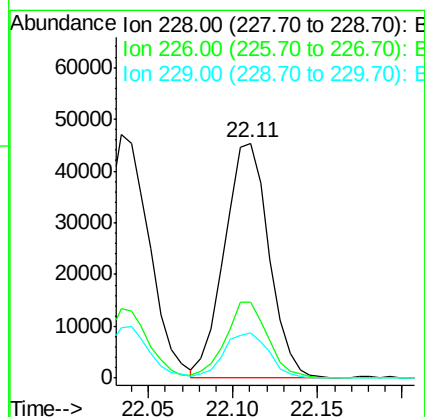
RT: 22.11 min Scan# 3152

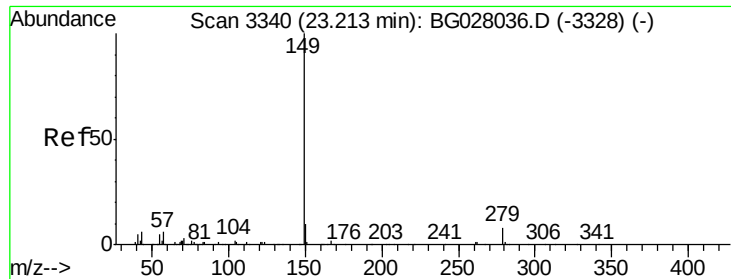
Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 83233 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 32.3  | 24.1  | 36.1  |
| 229       | 19.5  | 16.0  | 24.0  |





#87

Di-n-octyl phthalate

Concen: 3.108 ng/ul

RT: 23.21 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

Instrument :

BNA\_G

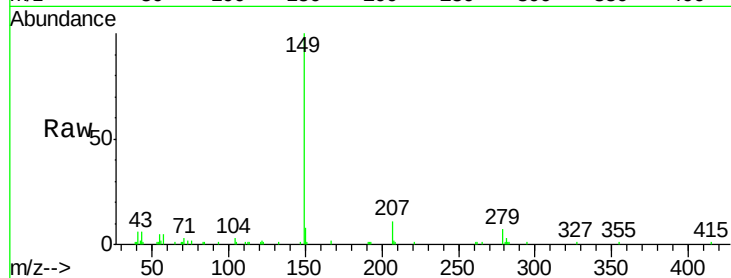
ClientSampleId :

MDL-S-02

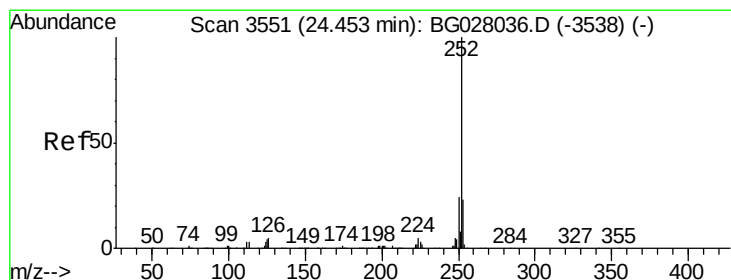
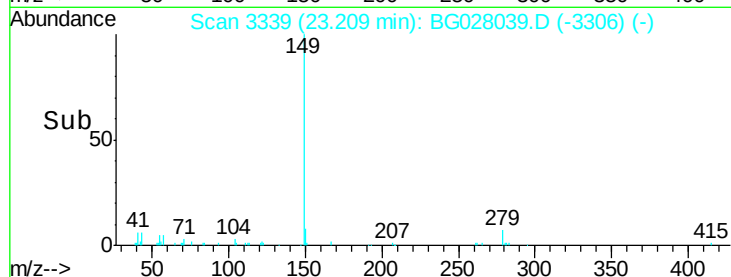
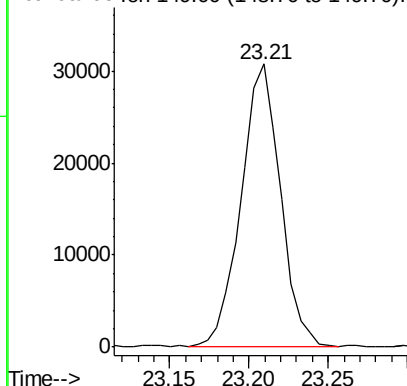
Tgt Ion:149 Resp: 53083

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.639 ng/ul m

RT: 24.45 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG028039.D

Acq: 27 Jul 2017 23:07

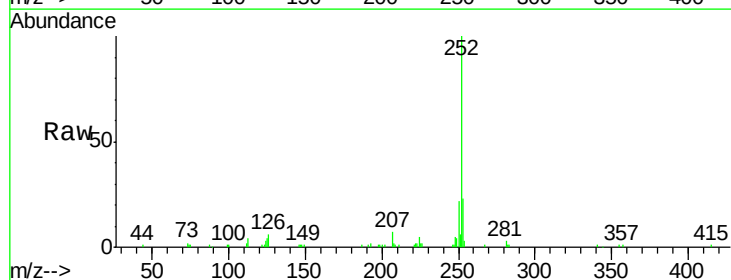
Tgt Ion:252 Resp: 87788

Ion Ratio Lower Upper

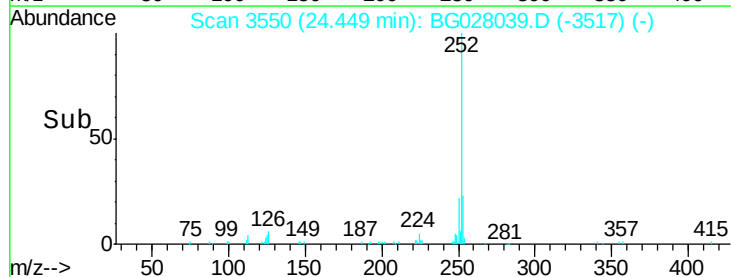
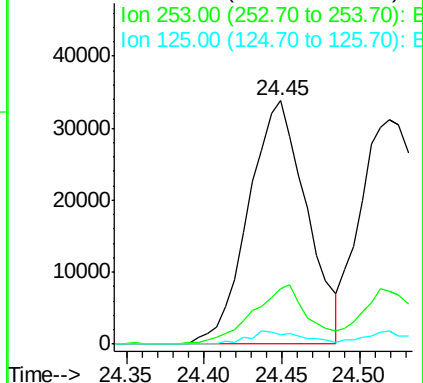
252 100

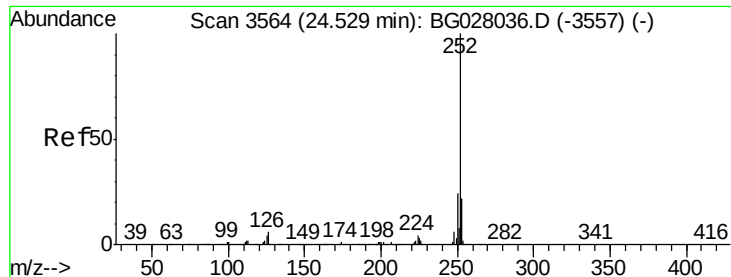
253 22.6 17.4 26.0

125 3.8 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E





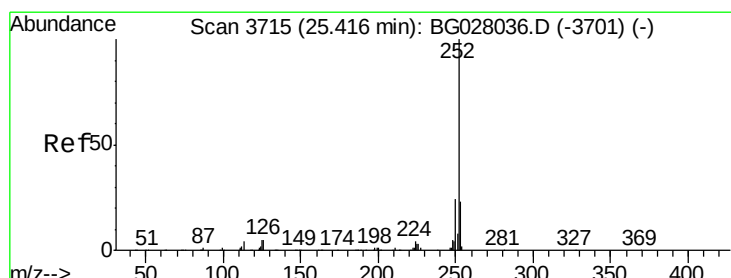
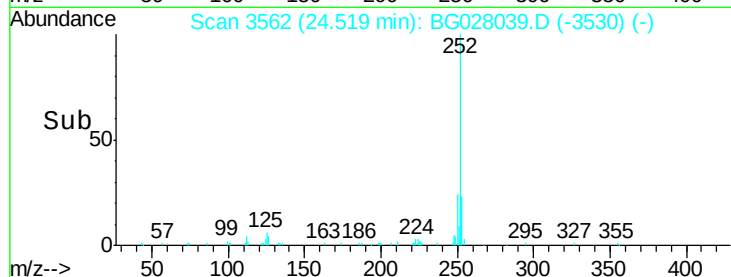
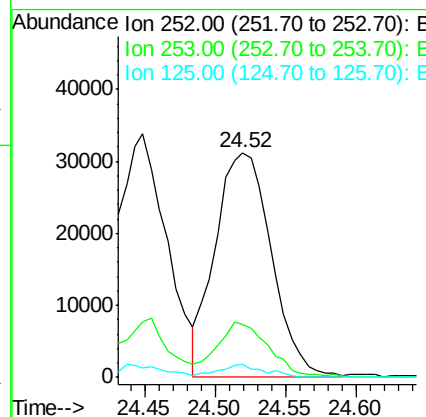
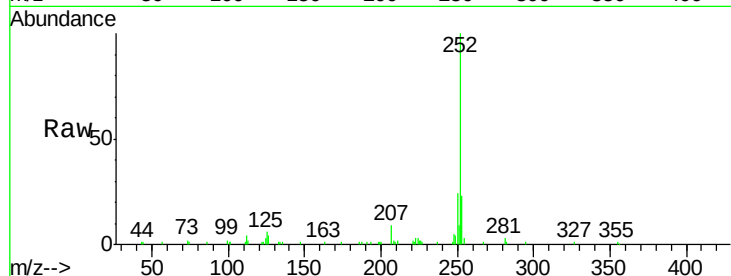
#89  
Benzo(k)fluoranthene  
Concen: 3.685 ng/ul  
RT: 24.52 min Scan# 3562  
Delta R.T. -0.01 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 17.1  | 25.7  |
| 125     | 6.1   | 5.4   | 8.0   |

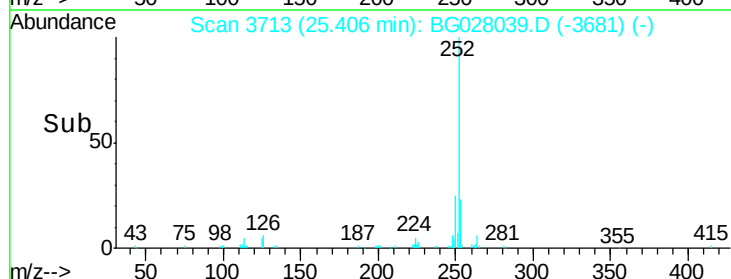
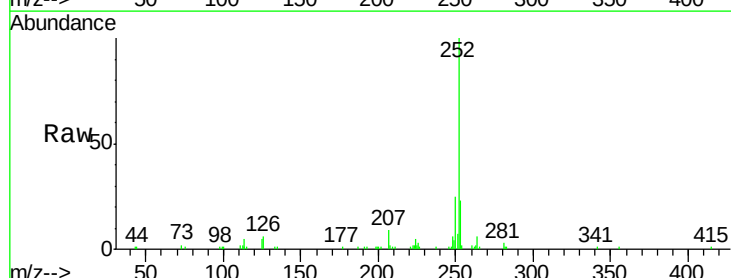
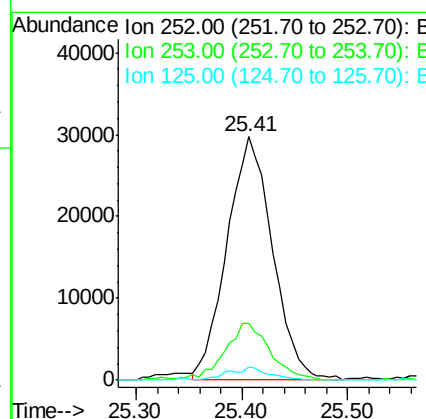
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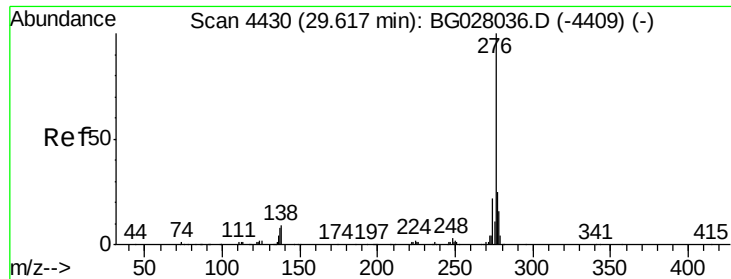
Sohil  
7/28/2017 4:45:56 PM



#91  
Benzo(a)pyrene  
Concen: 3.839 ng/ul  
RT: 25.41 min Scan# 3713  
Delta R.T. -0.01 min  
Lab File: BG028039.D  
Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 17.2  | 25.8  |
| 125     | 5.3   | 5.8   | 8.6#  |





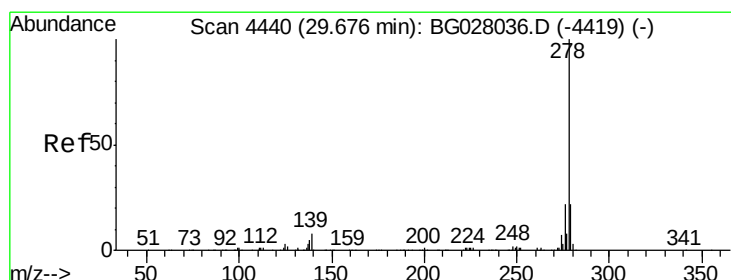
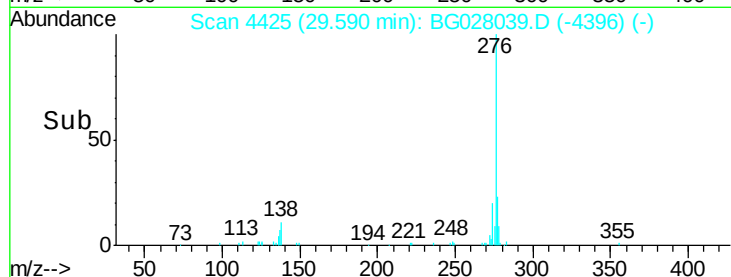
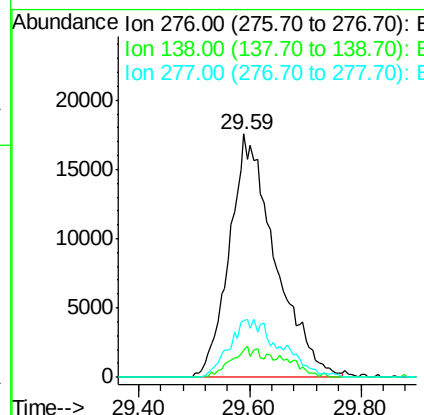
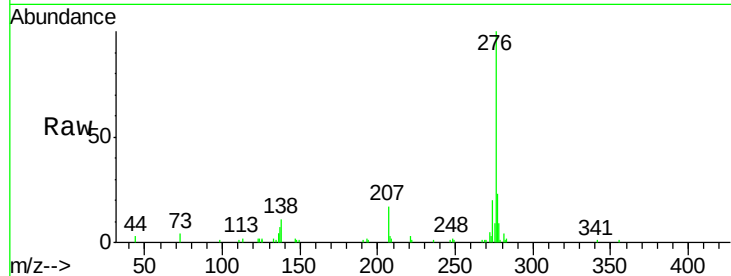
#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.565 ng/ul m  
 RT: 29.59 min Scan# 4425  
 Delta R.T. -0.03 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 11.0  | 10.9  | 16.3  |
| 277     | 23.4  | 18.9  | 28.3  |

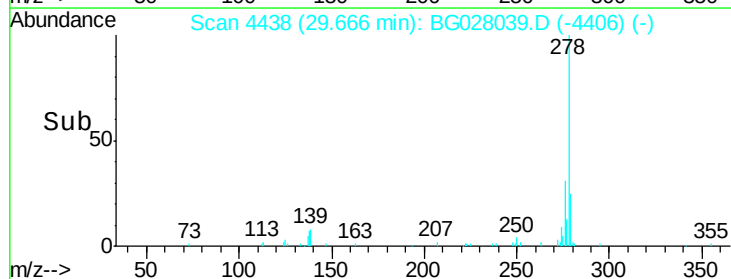
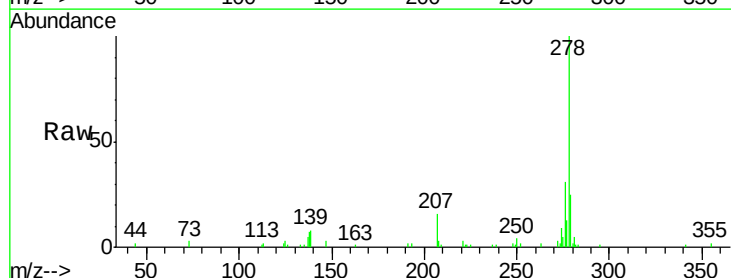
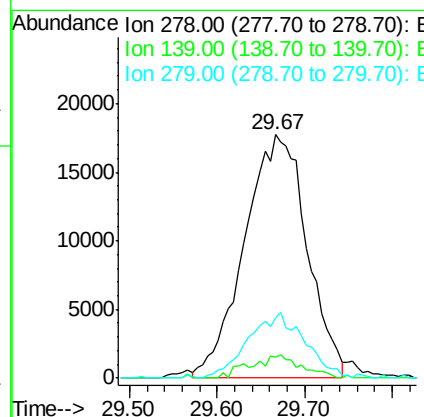
Manual Integrations  
 APPROVED

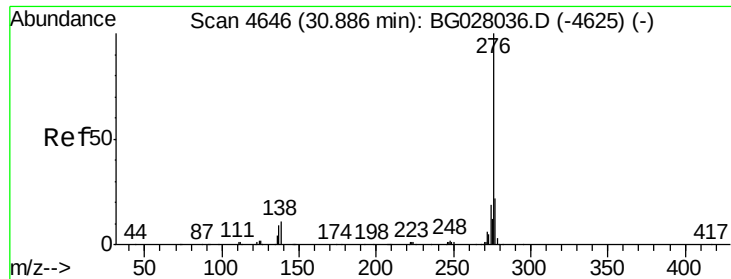
Sohil  
 7/28/2017 4:45:56 PM



#93  
 Dibenzo(a,h)anthracene  
 Concen: 3.607 ng/ul  
 RT: 29.67 min Scan# 4438  
 Delta R.T. -0.01 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.4   | 9.0   | 13.4# |
| 279     | 25.1  | 19.1  | 28.7  |





#94  
 Benzo(g,h,i)perylene  
 Concen: 3.706 ng/ul  
 RT: 30.86 min Scan# 4642  
 Delta R.T. -0.02 min  
 Lab File: BG028039.D  
 Acq: 27 Jul 2017 23:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 9.0   | 11.2  | 16.8# |
| 277     | 18.5  | 19.0  | 28.6# |

Manual Integrations  
 APPROVED

Sohil  
 7/28/2017 4:45:56 PM

