

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072717\  
 Data File : BG028042.D  
 Acq On : 28 Jul 2017 1:06  
 Operator : SJ/JU  
 Sample : MDL-S-05  
 Misc : 4 PPM  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 MDL-S-05

Manual Integrations  
 APPROVED

Sohil  
 7/28/2017 4:46:01 PM

Quant Time: Jul 28 04:09:48 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  | 30896    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.18 | 136  | 137979   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.97 | 164  | 107054   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.72 | 188  | 312035   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 22.06 | 240  | 411618   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.58 | 264  | 410946   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96  | 3188   | 6.69  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 64219  | 27.51 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.68  | 67  | 34341  | 29.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.90  | 132 | 58665  | 29.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 58008  | 27.85 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 29196  | 30.27 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.26 | 143 | 37285  | 30.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 68374  | 28.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.32 | 131 | 83632  | 34.30 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.36 | 166 | 308270 | 31.82 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.67 | 160 | 317945 | 30.33 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.16 | 143 | 37787  | 25.96 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.96 | 176 | 271165 | 30.38 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 59193  | 26.64 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.82 | 188 | 468985 | 31.39 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 20.10 | 212 | 591987 | 32.38 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.33 | 264 | 586441 | 31.03 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |       | Qvalue |    |
|--------------------------------|-------|-----|-------|-------|--------|----|
| 2) 1,4-Dioxane                 | 3.88  | 88  | 899   | 1.759 | ng/uL# | 69 |
| 4) Benzaldehyde                | 7.51  | 77  | 1070  | 0.927 | ng/ul# | 65 |
| 6) Phenol                      | 7.54  | 94  | 7038  | 3.109 | ng/ul# | 85 |
| 8) Bis(2-Chloroethyl)ether     | 7.77  | 93  | 5845  | 3.648 | ng/ul# | 82 |
| 10) 2-Chlorophenol             | 7.94  | 128 | 6454  | 3.561 | ng/ul# | 83 |
| 11) 2-Methylphenol             | 8.79  | 108 | 5020  | 2.845 | ng/ul# | 80 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.89  | 45  | 7596  | 3.612 | ng/ul# | 93 |
| 14) Acetophenone               | 9.19  | 105 | 10304 | 3.404 | ng/ul# | 84 |
| 15) N-Nitroso-di-n-propylamine | 9.16  | 70  | 4973  | 3.500 | ng/ul# | 90 |
| 16) 4-Methylphenol             | 9.12  | 108 | 6200  | 3.167 | ng/ul  | 80 |
| 17) Hexachloroethane           | 9.46  | 117 | 2343  | 3.232 | ng/ul# | 55 |
| 20) Nitrobenzene               | 9.57  | 77  | 7116  | 3.436 | ng/ul# | 83 |
| 21) Isophorone                 | 10.09 | 82  | 13808 | 3.489 | ng/ul# | 90 |
| 23) 2-Nitrophenol              | 10.29 | 139 | 4246m | 3.587 | ng/ul  |    |
| 24) 2,4-Dimethylphenol         | 10.33 | 107 | 7785  | 3.288 | ng/ul# | 89 |
| 25) Bis(2-Chloroethoxy)methane | 10.57 | 93  | 8247  | 3.587 | ng/ul# | 90 |
| 27) 2,4-Dichlorophenol         | 10.83 | 162 | 7784  | 3.379 | ng/ul# | 79 |
| 28) Naphthalene                | 11.24 | 128 | 22247 | 3.572 | ng/ul  | 96 |
| 30) 4-Chloroaniline            | 11.34 | 127 | 5646  | 2.433 | ng/ul  | 93 |
| 31) Hexachlorobutadiene        | 11.51 | 225 | 7318  | 3.672 | ng/ul  | 92 |
| 32) Caprolactam                | 12.13 | 113 | 1890m | 2.556 | ng/ul  |    |
| 33) 4-Chloro-3-methylphenol    | 12.44 | 107 | 7062  | 3.146 | ng/ul# | 87 |
| 34) 2-Methylnaphthalene        | 12.82 | 142 | 18677 | 3.475 | ng/ul  | 95 |

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 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  | 18244    | 3.501 | ng/ul  | 94       |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.18 | 216  | 15661    | 3.797 | ng/ul# | 95       |
| 38) Hexachlorocyclopentadiene  | 13.16 | 237  | 5570     | 2.303 | ng/ul  | 95       |
| 39) 2,4,6-Trichlorophenol      | 13.42 | 196  | 7179     | 2.916 | ng/ul  | 89       |
| 40) 2,4,5-Trichlorophenol      | 13.49 | 196  | 7569     | 2.894 | ng/ul  | 92       |
| 41) 1,1'-Biphenyl              | 13.80 | 154  | 27156    | 3.490 | ng/ul# | 97       |
| 42) 2-Chloronaphthalene        | 13.86 | 162  | 21551    | 3.434 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 14.06 | 65   | 4378     | 2.960 | ng/ul  | 91       |
| 45) Dimethylphthalate          | 14.41 | 163  | 32447    | 3.656 | ng/ul  | 96       |
| 46) 2,6-Dinitrotoluene         | 14.53 | 165  | 5197     | 2.917 | ng/ul# | 82       |
| 48) Acenaphthylene             | 14.70 | 152  | 36413    | 3.666 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 14.89 | 138  | 4805m    | 3.245 | ng/ul  |          |
| 50) Acenaphthene               | 15.03 | 153  | 24268    | 3.568 | ng/ul  | 93       |
| 51) 2,4-Dinitrophenol          | 15.09 | 184  | 1947     | 1.712 | ng/ul# | 87       |
| 53) 4-Nitrophenol              | 15.17 | 109  | 4048     | 3.420 | ng/ul  | 83       |
| 54) Dibenzofuran               | 15.37 | 168  | 37643    | 3.640 | ng/ul  | 100      |
| 55) 2,4-Dinitrotoluene         | 15.32 | 165  | 9229     | 3.468 | ng/ul# | 89       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.59 | 232  | 8053     | 2.892 | ng/ul# | 86       |
| 57) Diethylphthalate           | 15.77 | 149  | 31359    | 3.365 | ng/ul  | 97       |
| 59) Fluorene                   | 16.02 | 166  | 32172    | 3.586 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.00 | 204  | 19037    | 3.552 | ng/ul  | 93       |
| 61) 4-Nitroaniline             | 16.04 | 138  | 5192     | 2.952 | ng/ul  | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 16.08 | 198  | 7031     | 3.303 | ng/ul# | 82       |
| 65) N-Nitrosodiphenylamine     | 16.21 | 169  | 28006    | 3.556 | ng/ul  | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.90 | 248  | 13974    | 3.483 | ng/ul# | 90       |
| 67) Hexachlorobenzene          | 17.02 | 284  | 16353    | 3.584 | ng/ul# | 91       |
| 68) Atrazine                   | 17.15 | 200  | 11680    | 3.108 | ng/ul  | 97       |
| 69) Pentachlorophenol          | 17.37 | 266  | 4663     | 1.957 | ng/ul# | 84       |
| 70) Phenanthrene               | 17.76 | 178  | 56640    | 3.651 | ng/ul  | 97       |
| 72) Anthracene                 | 17.86 | 178  | 57624    | 3.567 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.78 | 216  | 15550    | 3.573 | ng/uL  | 94       |
| 74) Pentachlorobenzene         | 15.29 | 250  | 22243    | 3.439 | ng/uL  | 95       |
| 75) Carbazole                  | 18.12 | 167  | 45695    | 3.455 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.65 | 149  | 46868    | 3.191 | ng/ul# | 97       |
| 77) Fluoranthene               | 19.76 | 202  | 73444    | 3.704 | ng/ul# | 92       |
| 80) Pyrene                     | 20.13 | 202  | 81538    | 3.816 | ng/ul# | 93       |
| 81) Butylbenzylphthalate       | 21.00 | 149  | 19927    | 3.139 | ng/ul  | 89       |
| 82) 3,3'-Dichlorobenzidine     | 21.94 | 252  | 22424    | 2.978 | ng/ul# | 99       |
| 83) Benzo(a)anthracene         | 22.04 | 228  | 77767    | 3.557 | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.90 | 149  | 27346    | 2.944 | ng/ul# | 92       |
| 85) Chrysene                   | 22.11 | 228  | 74342    | 3.717 | ng/ul  | 97       |
| 87) Di-n-octyl phthalate       | 23.21 | 149  | 46109    | 2.847 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.45 | 252  | 79696m   | 3.483 | ng/ul  |          |
| 89) Benzo(k)fluoranthene       | 24.52 | 252  | 76167    | 3.415 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 25.41 | 252  | 76426    | 3.472 | ng/ul# | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 29.60 | 276  | 90614m   | 3.392 | ng/ul  |          |
| 93) Dibenzo(a,h)anthracene     | 29.67 | 278  | 77568m   | 3.385 | ng/ul  |          |
| 94) Benzo(g,h,i)perylene       | 30.87 | 276  | 76006    | 3.432 | ng/ul  | 98       |

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| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

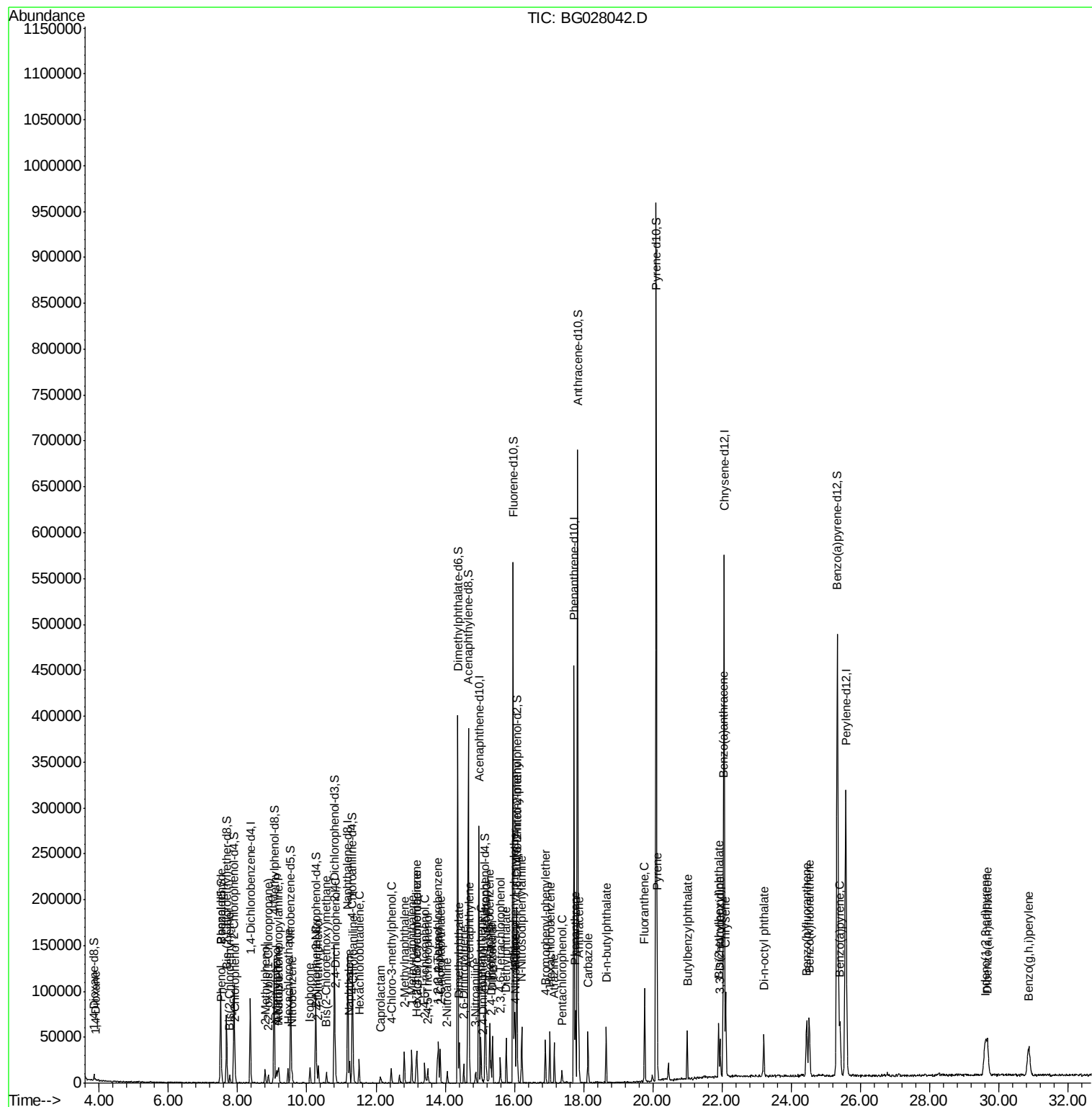
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072717\  
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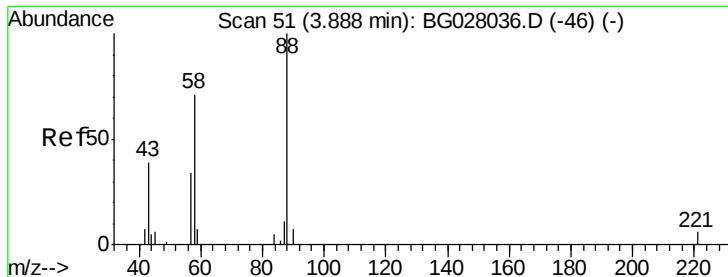
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

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QLast Update : Fri Jul 28 02:09:08 2017  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.759 ng/uL

RT: 3.88 min Scan# 50

Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

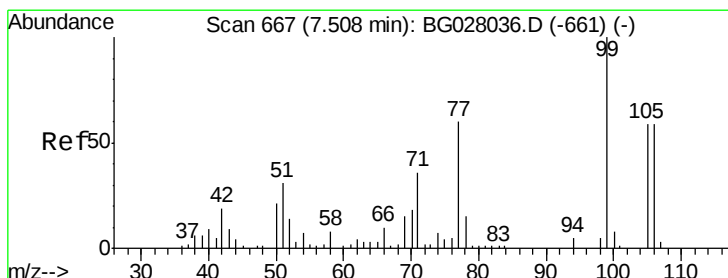
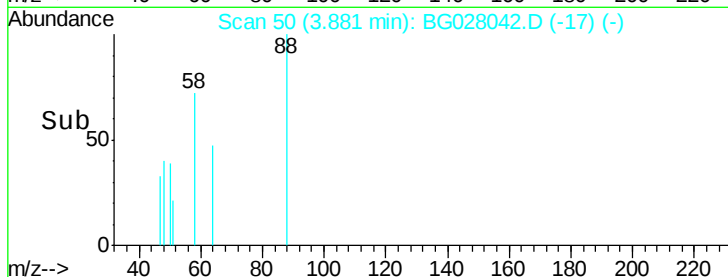
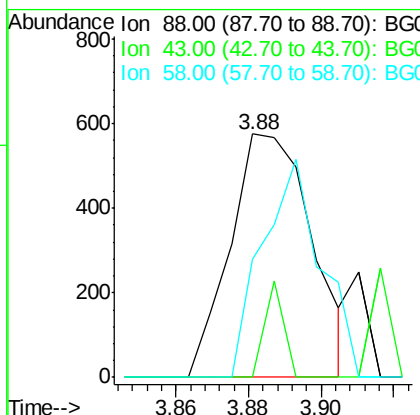
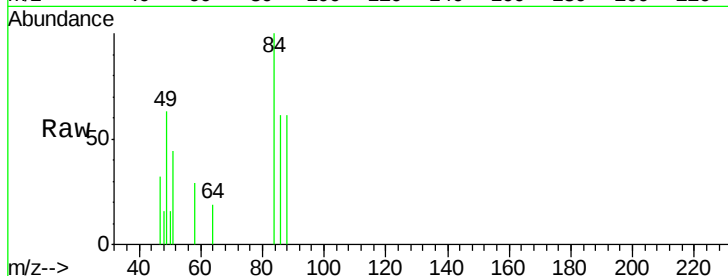
ClientSampled :

MDL-S-05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 899   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 0.0   | 29.0  | 43.4# |
| 58       | 48.4  | 45.9  | 68.9  |

Manual Integrations  
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#4

Benzaldehyde

Concen: 0.927 ng/uL

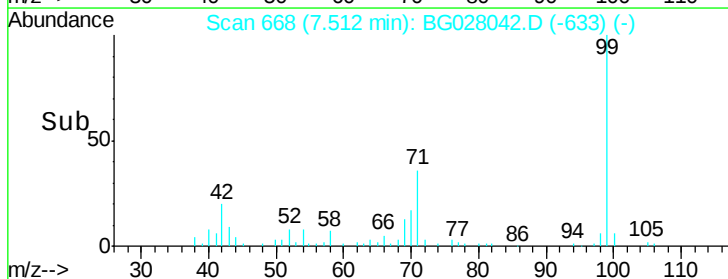
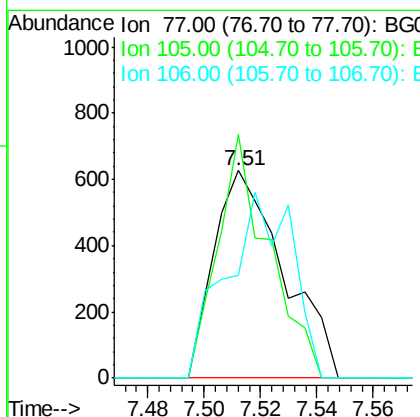
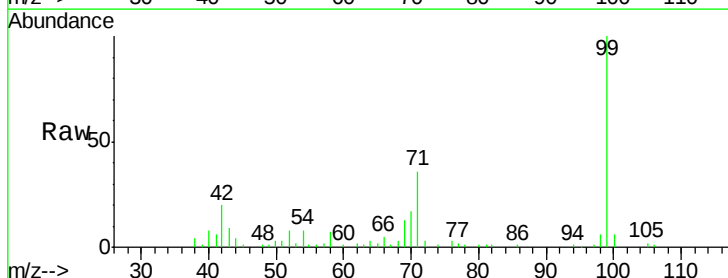
RT: 7.51 min Scan# 668

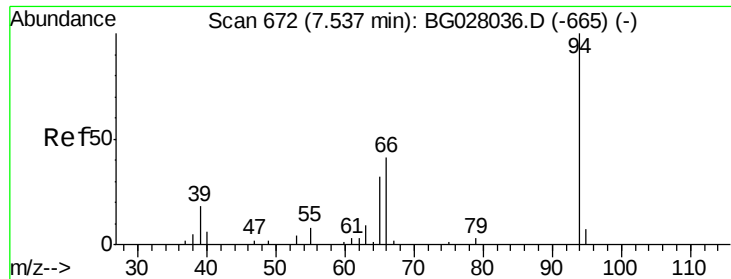
Delta R.T. 0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 1070   |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 117.4 | 71.0  | 106.6# |
| 106      | 49.5  | 69.5  | 104.3# |





#6

Phenol

Concen: 3.109 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

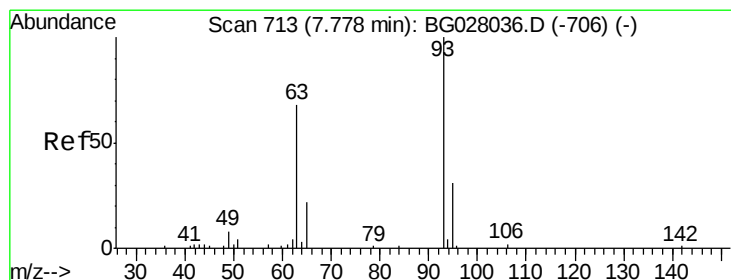
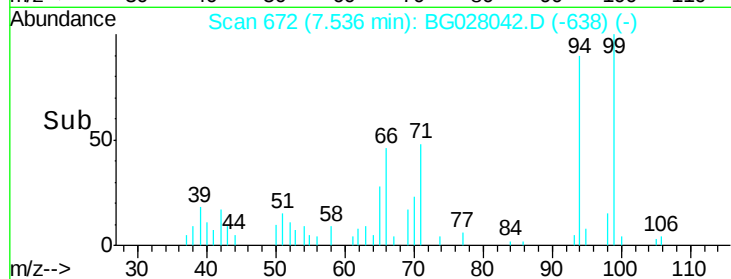
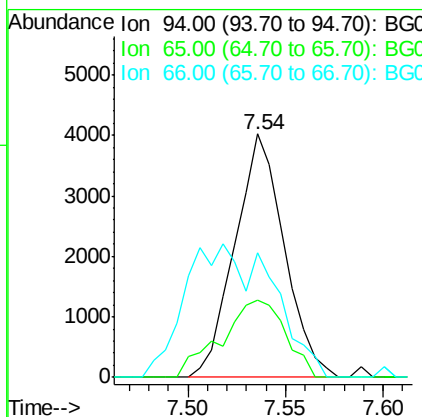
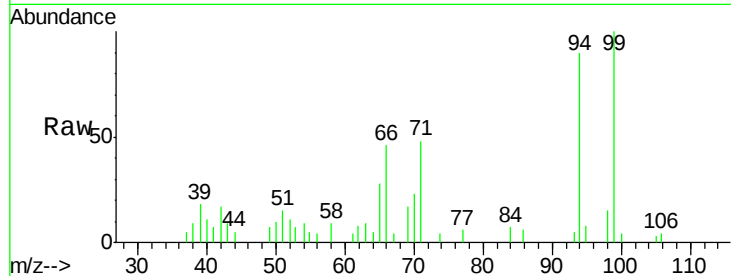
ClientSampled :

MDL-S-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 7038  |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 31.6  | 23.0  | 34.6  |
| 66        | 51.3  | 30.4  | 45.6# |

Manual Integrations  
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7/28/2017 4:46:01 PM



#8

Bis(2-Chloroethyl)ether

Concen: 3.648 ng/ul

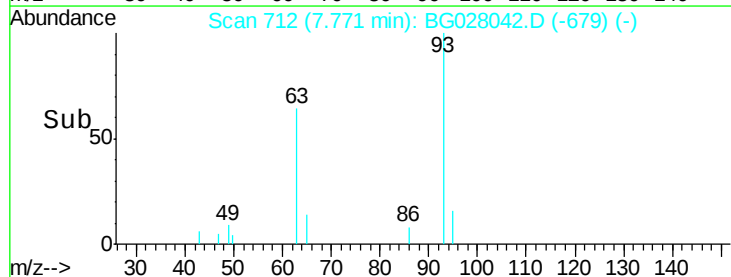
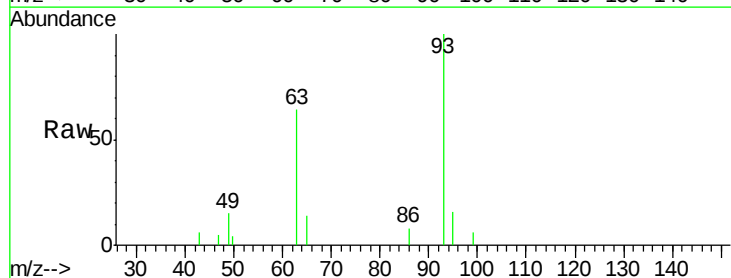
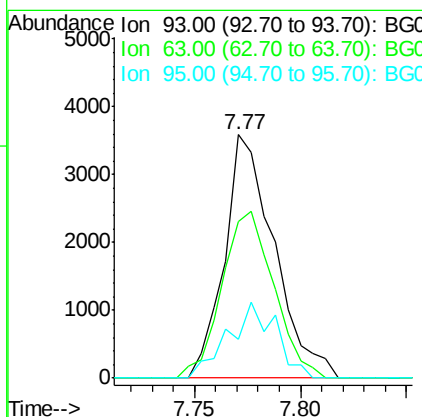
RT: 7.77 min Scan# 712

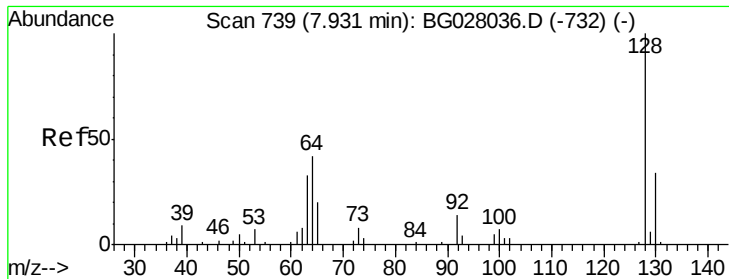
Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 5845  |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 64.1  | 59.4  | 89.2  |
| 95        | 16.0  | 26.4  | 39.6# |





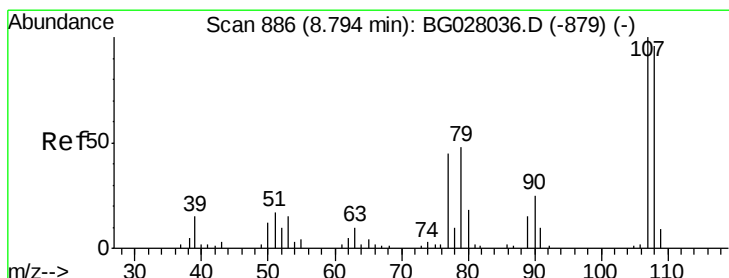
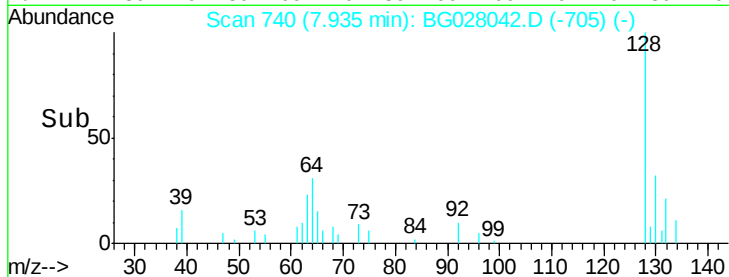
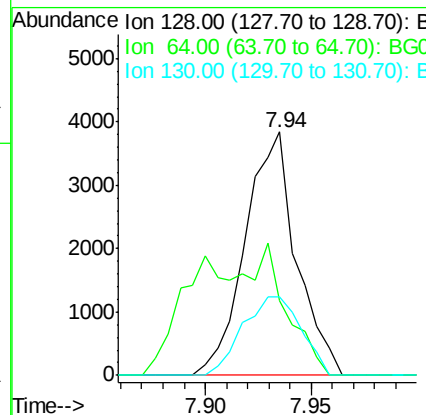
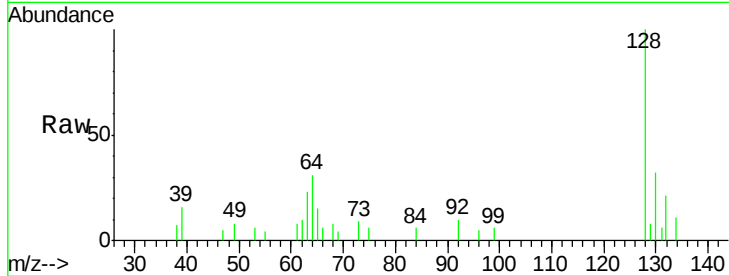
#10  
2-Chlorophenol  
Concen: 3.561 ng/ul  
RT: 7.94 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampled :  
MDL-S-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 30.8  | 39.8  | 59.6# |
| 130     | 32.3  | 25.8  | 38.8  |

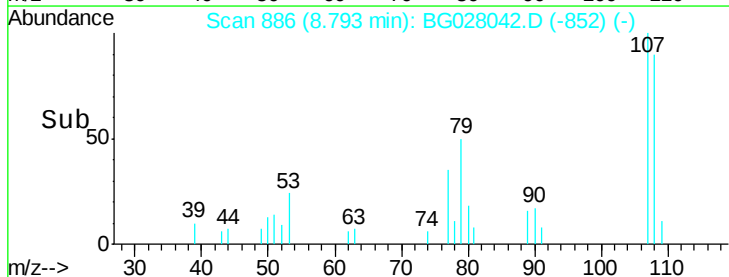
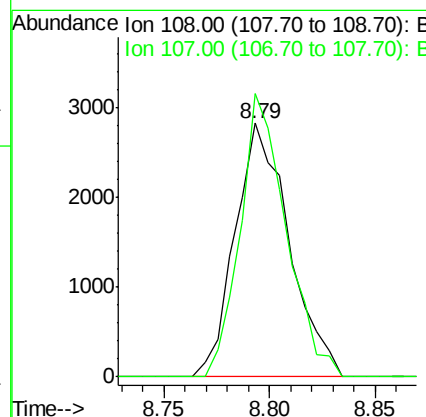
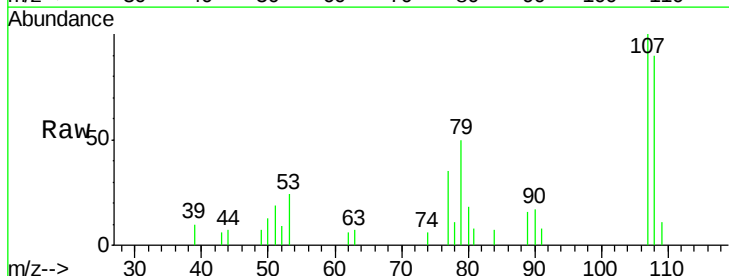
Manual Integrations  
APPROVED

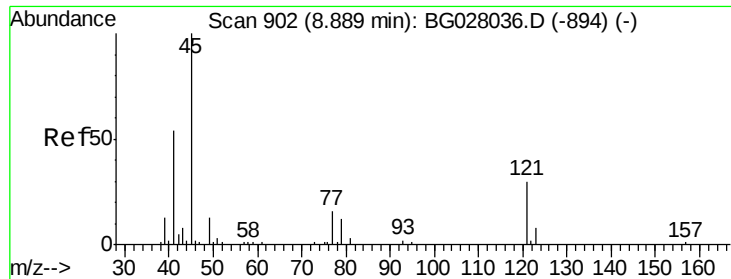
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7/28/2017 4:46:01 PM



#11  
2-Methylphenol  
Concen: 2.845 ng/ul  
RT: 8.79 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 108     | 100   |       |        |
| 107     | 111.6 | 74.1  | 111.1# |





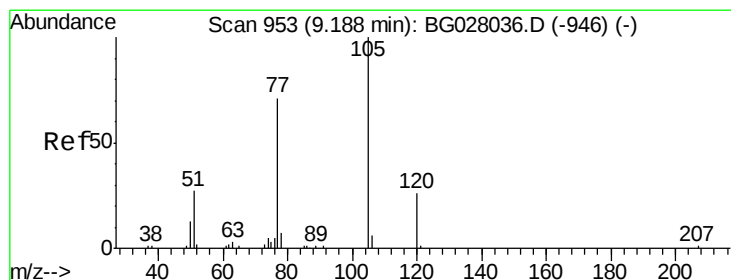
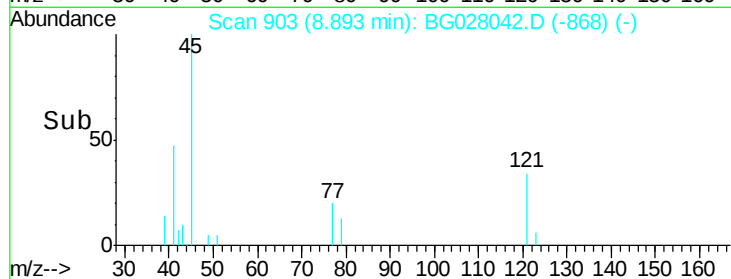
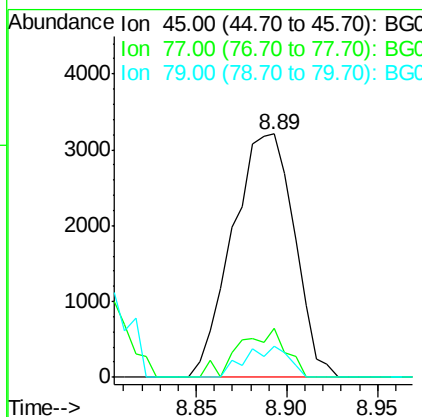
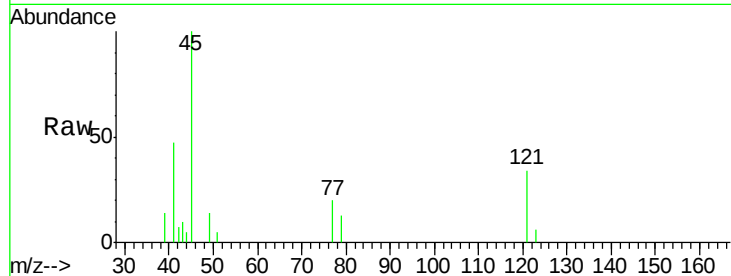
#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.612 ng/ul  
RT: 8.89 min Scan# 903  
Delta R.T. 0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 20.2  | 12.5  | 18.7# |
| 79      | 12.6  | 9.4   | 14.2  |

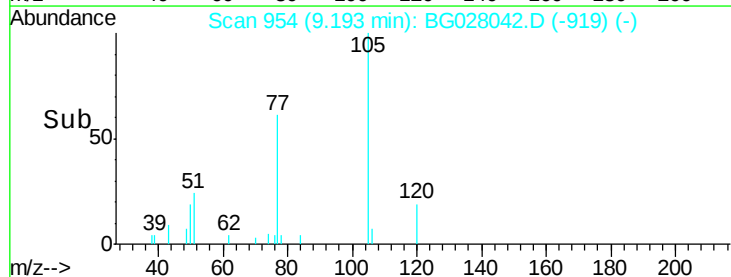
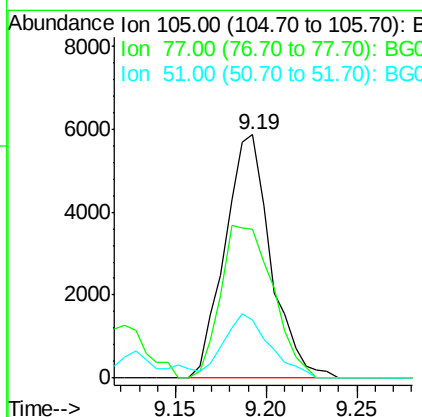
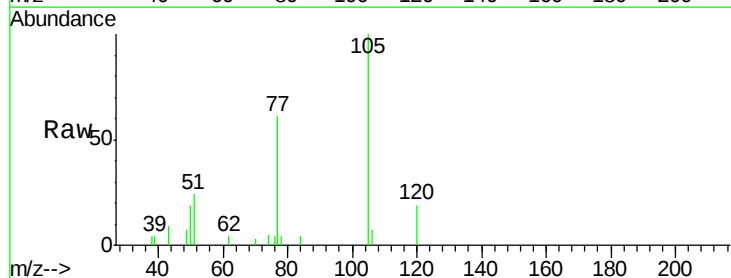
Manual Integrations  
APPROVED

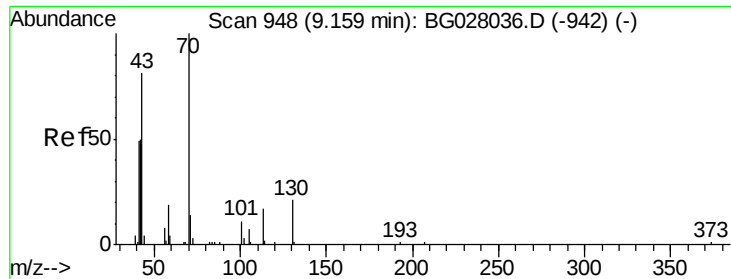
Sohil  
7/28/2017 4:46:01 PM



#14  
Acetophenone  
Concen: 3.404 ng/ul  
RT: 9.19 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 61.4  | 63.2  | 94.8# |
| 51      | 24.0  | 19.8  | 29.8  |





#15

N-Nitroso-di-n-propylamine

Concen: 3.500 ng/ul

RT: 9.16 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

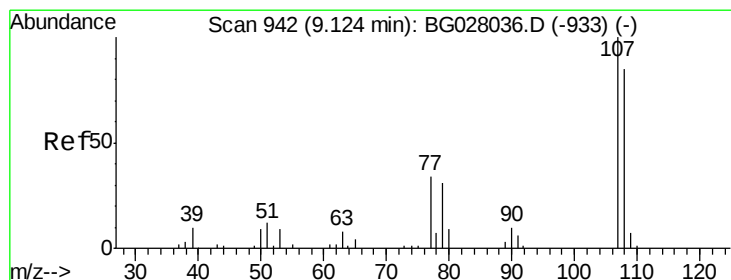
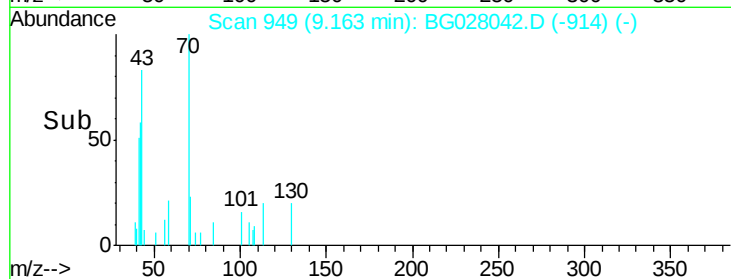
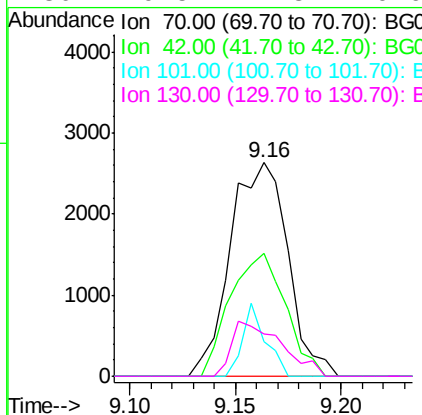
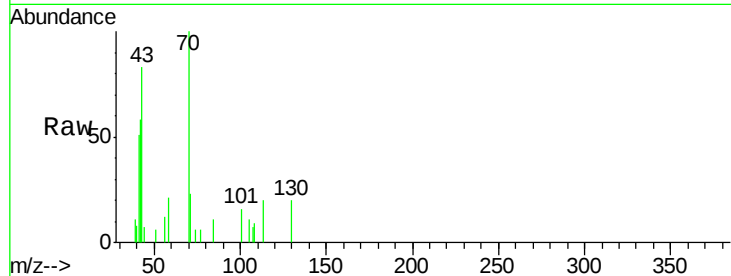
ClientSampleId :

MDL-S-05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 4973  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.8  | 40.2  | 60.4  |
| 101      | 16.2  | 7.7   | 11.5  |
| 130      | 19.5  | 17.8  | 26.6  |

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#16

4-Methylphenol

Concen: 3.167 ng/ul

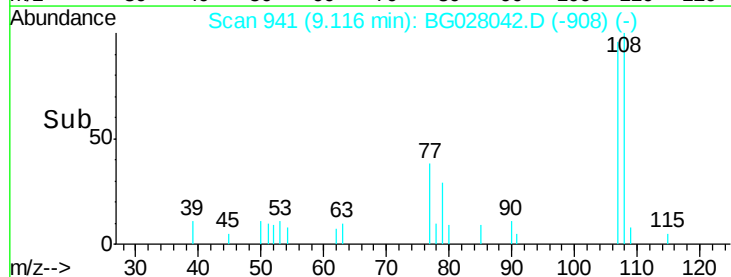
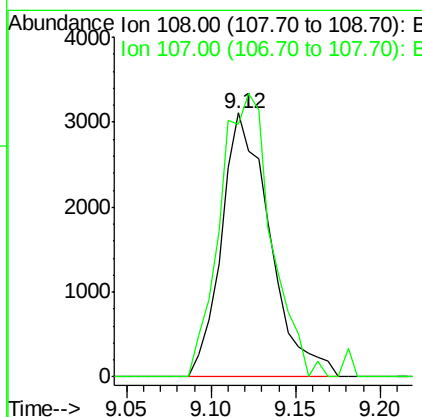
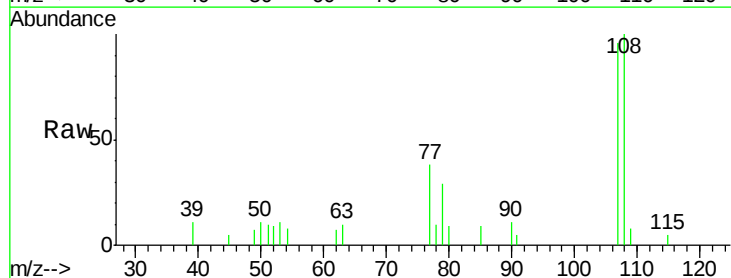
RT: 9.12 min Scan# 941

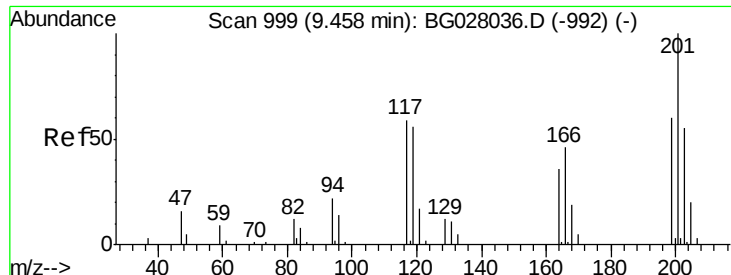
Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 6200  |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 95.6  | 93.6  | 140.4 |





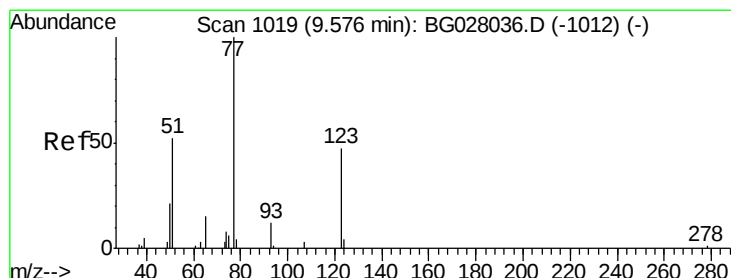
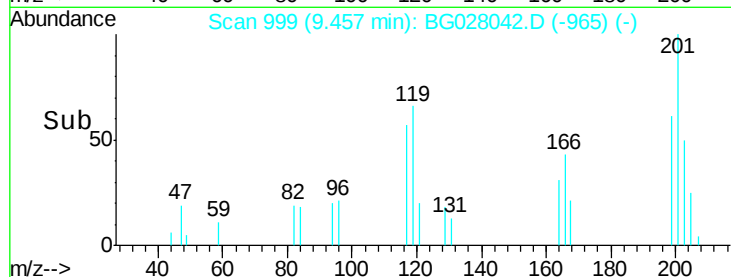
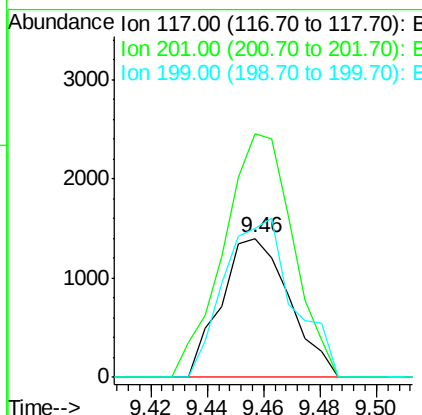
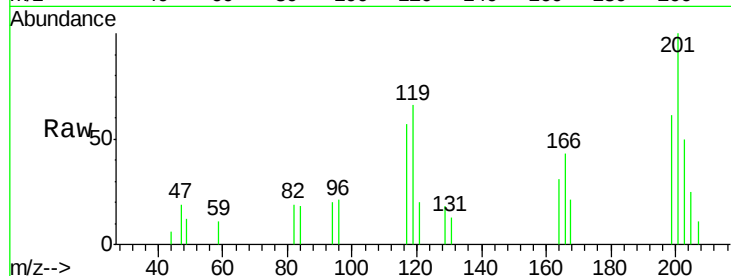
#17  
Hexachloroethane  
Concen: 3.232 ng/ul  
RT: 9.46 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   | 2343 |        |       |
| 201     | 175.6 | 96.1 | 144.1# |       |
| 199     | 107.1 | 59.7 | 89.5#  |       |

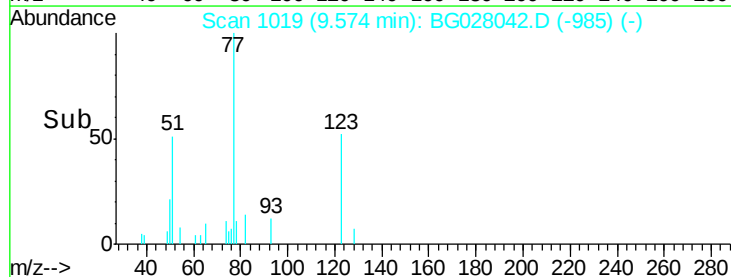
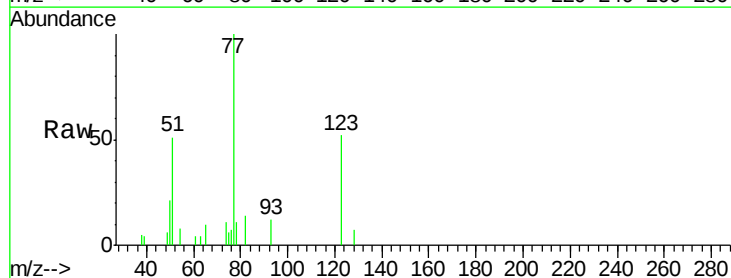
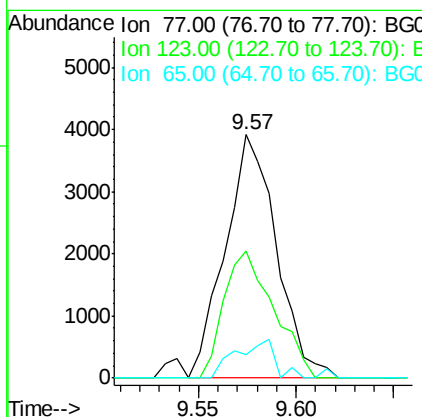
Manual Integrations  
APPROVED

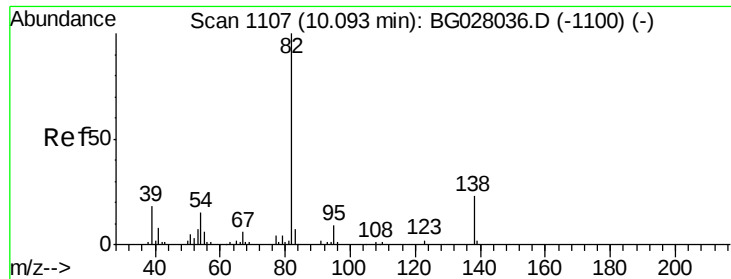
Sohil  
7/28/2017 4:46:01 PM



#20  
Nitrobenzene  
Concen: 3.436 ng/ul  
RT: 9.57 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   | 7116 |       |       |
| 123     | 52.2  | 31.8 | 47.8# |       |
| 65      | 9.7   | 10.6 | 16.0# |       |





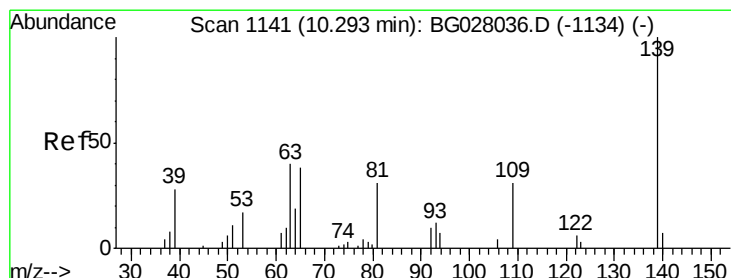
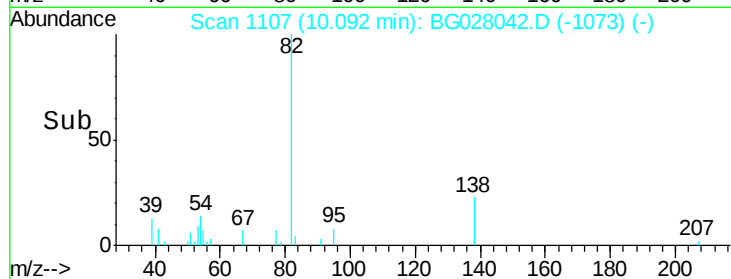
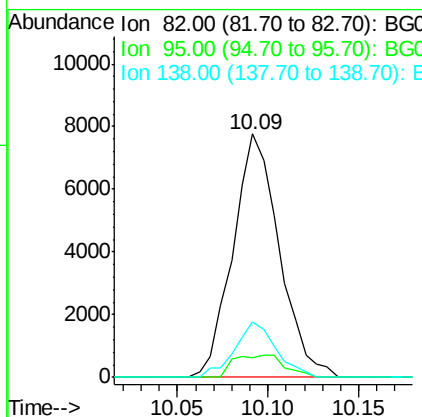
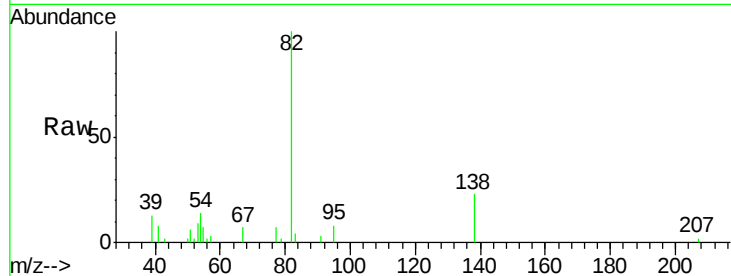
#21  
Isophorone  
Concen: 3.489 ng/ul  
RT: 10.09 min Scan# 1107  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampled :  
MDL-S-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 95      | 8.1   | 6.1        | 9.1        |
| 138     | 22.9  | 13.5       | 20.3       |

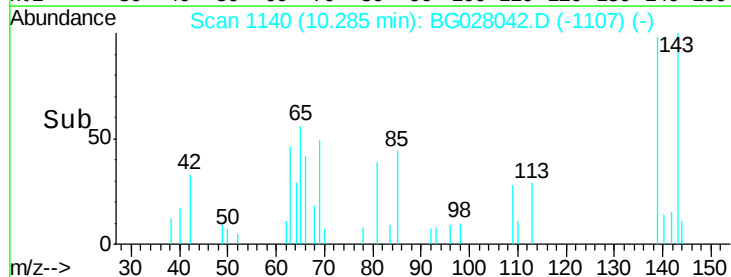
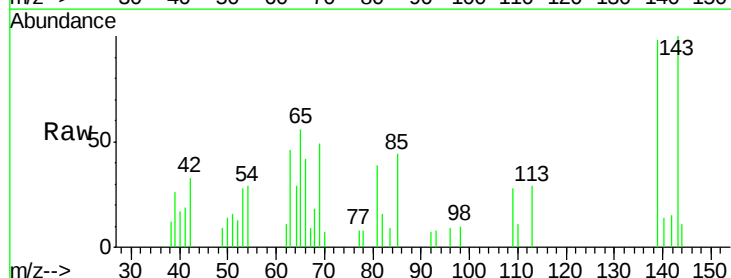
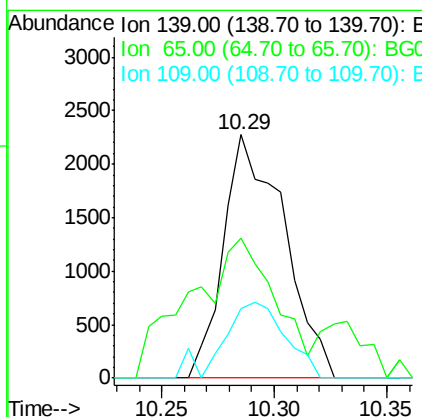
Manual Integrations  
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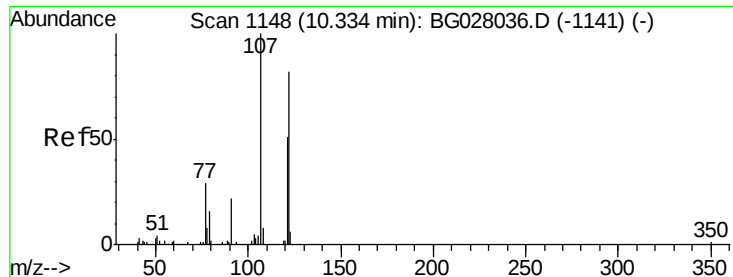
Sohil  
7/28/2017 4:46:01 PM



#23  
2-Nitrophenol  
Concen: 3.587 ng/ul m  
RT: 10.29 min Scan# 1140  
Delta R.T. -0.01 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 139     | 100   |            |            |
| 65      | 57.5  | 45.3       | 67.9       |
| 109     | 28.6  | 27.7       | 41.5       |





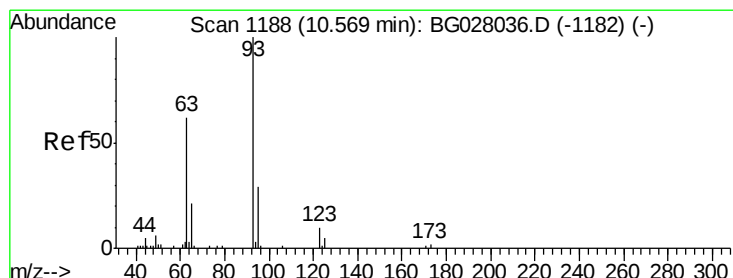
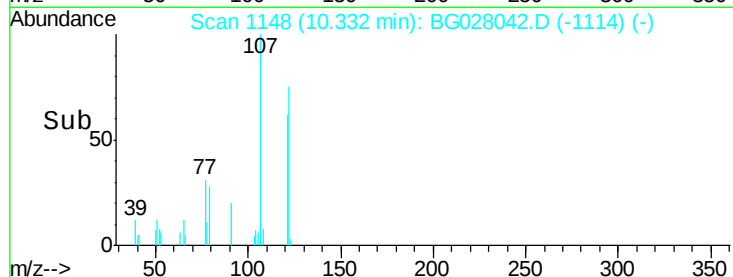
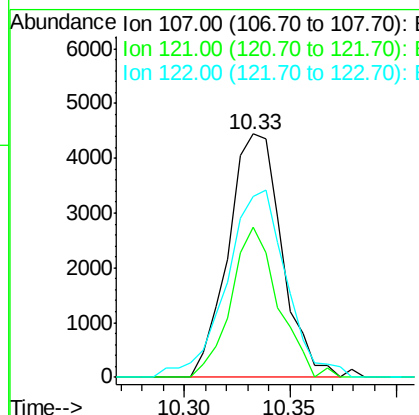
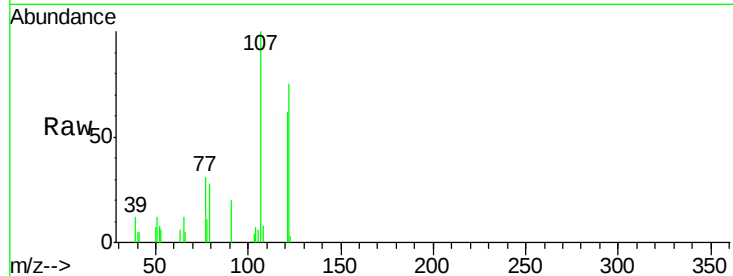
#24  
 2,4-Dimethylphenol  
 Concen: 3.288 ng/ul  
 RT: 10.33 min Scan# 1148  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 121     | 61.5  | 38.1       | 57.1#      |
| 122     | 74.6  | 63.8       | 95.8       |

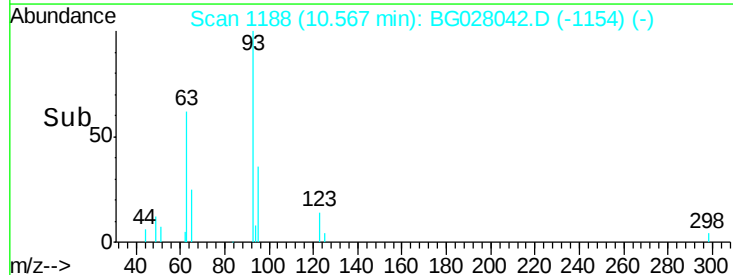
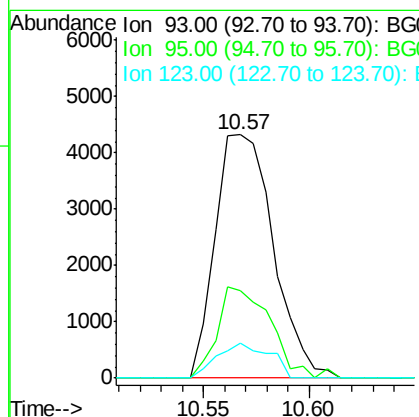
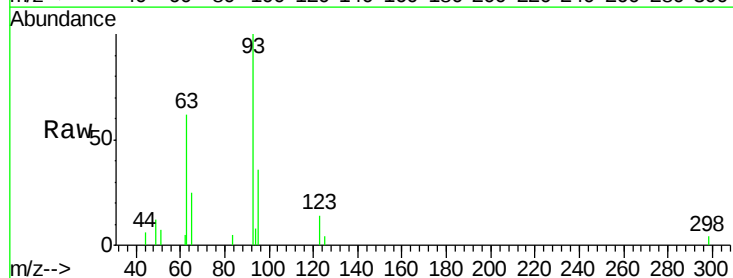
Manual Integrations  
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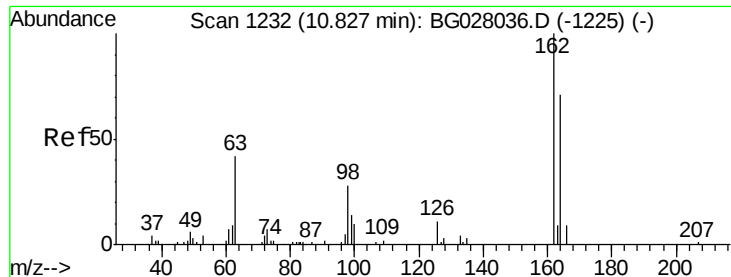
Sohil  
 7/28/2017 4:46:01 PM



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 3.587 ng/ul  
 RT: 10.57 min Scan# 1188  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 95      | 35.9  | 24.7       | 37.1       |
| 123     | 14.3  | 8.2        | 12.2#      |





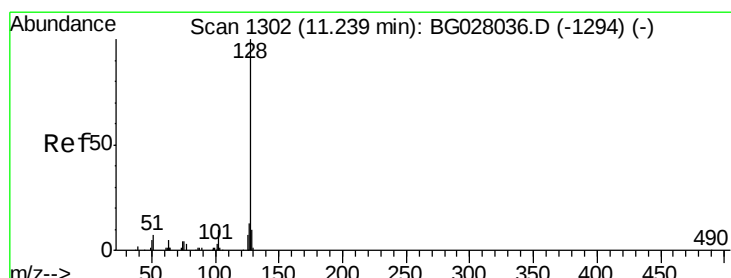
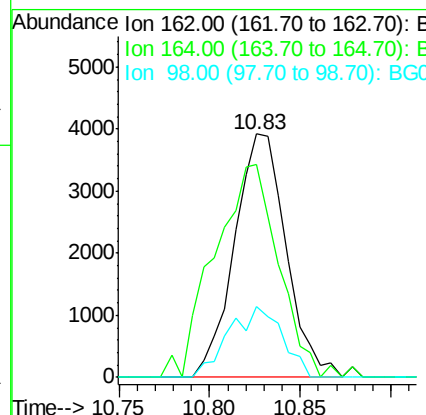
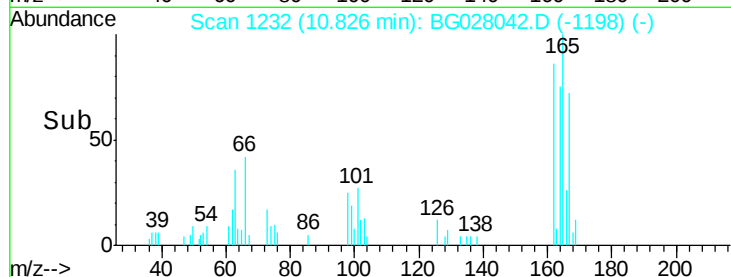
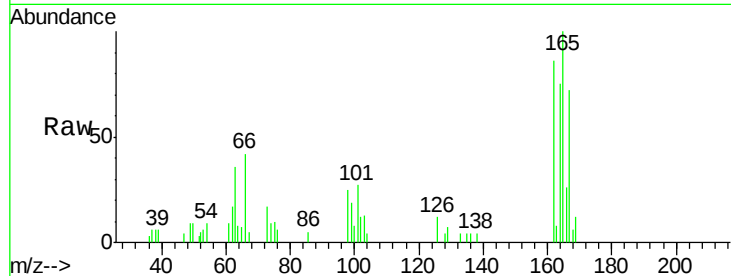
#27  
 2,4-Dichlorophenol  
 Concen: 3.379 ng/ul  
 RT: 10.83 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 7784  |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 87.4  | 52.0  | 78.0# |
| 98        | 29.2  | 26.6  | 39.8  |

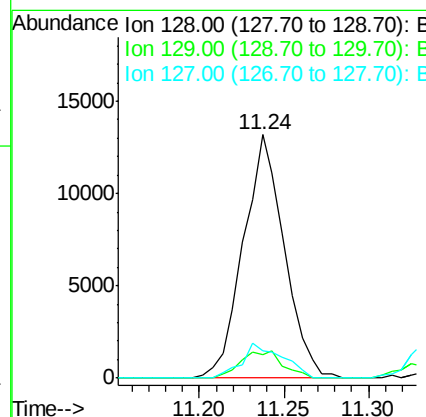
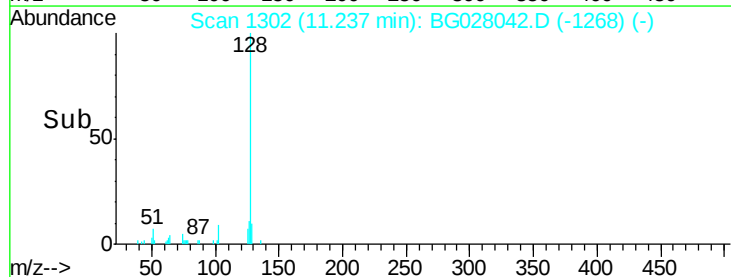
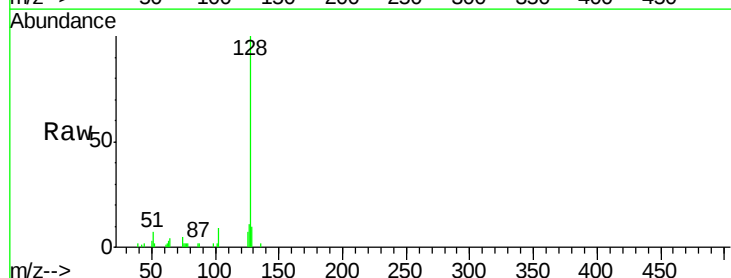
Manual Integrations  
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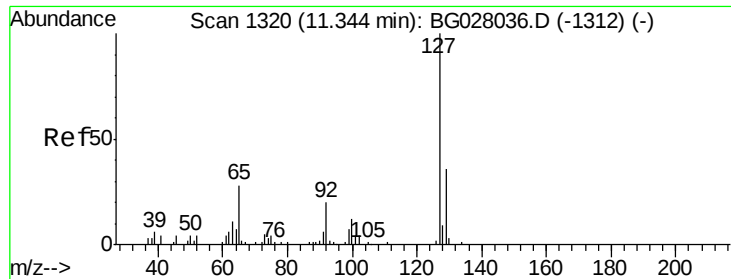
Sohil  
 7/28/2017 4:46:01 PM



#28  
 Naphthalene  
 Concen: 3.572 ng/ul  
 RT: 11.24 min Scan# 1302  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 22247 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 9.8   | 8.3   | 12.5  |
| 127       | 11.2  | 10.8  | 16.2  |





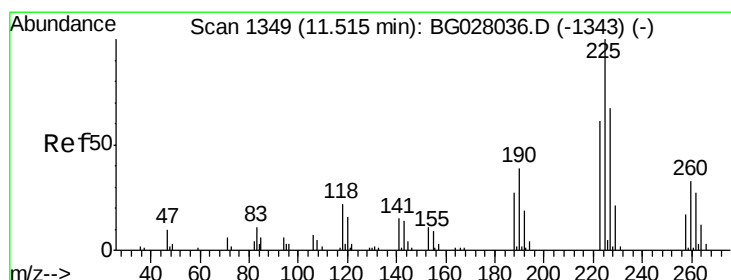
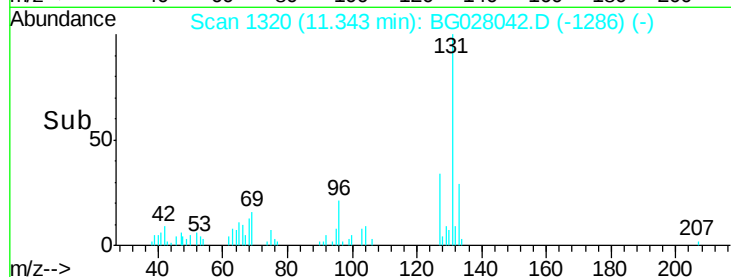
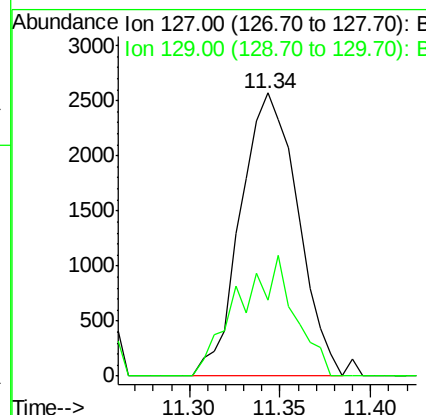
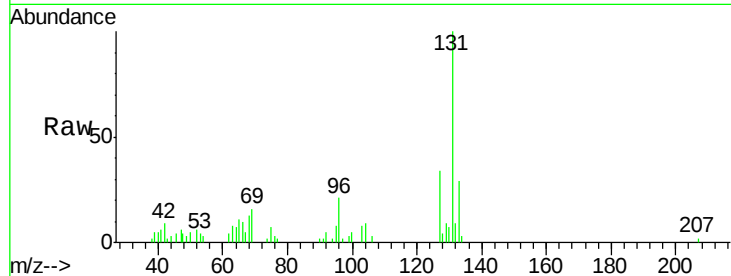
#30  
4-Chloroaniline  
Concen: 2.433 ng/ul  
RT: 11.34 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

Tgt Ion:127 Resp: 5646  
Ion Ratio Lower Upper  
127 100  
129 26.9 24.6 37.0

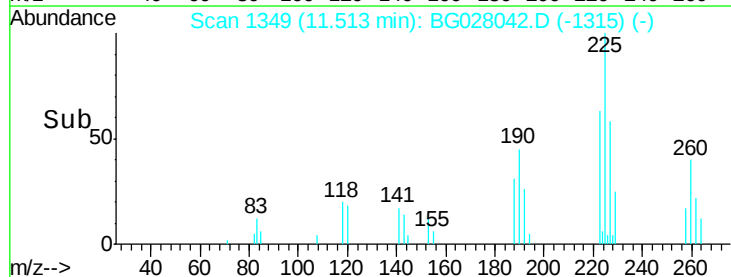
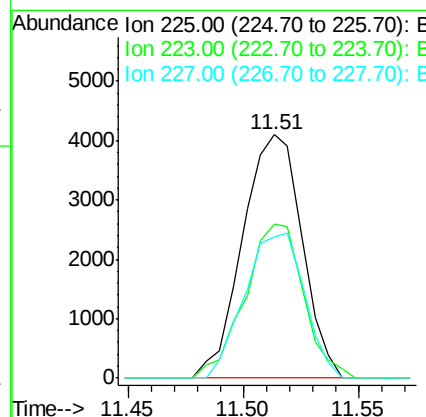
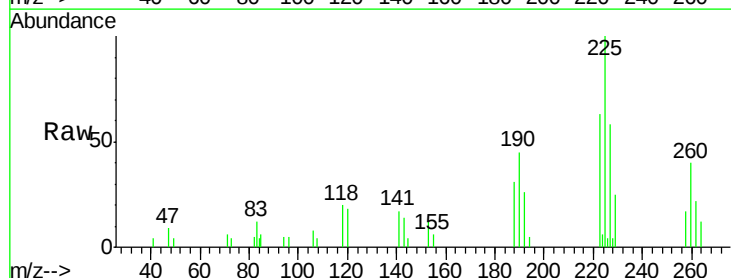
Manual Integrations  
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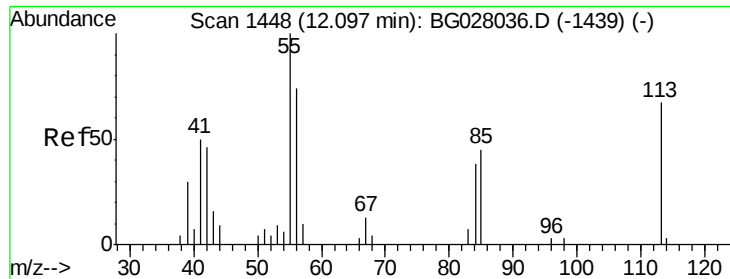
Sohil  
7/28/2017 4:46:01 PM



#31  
Hexachlorobutadiene  
Concen: 3.672 ng/ul  
RT: 11.51 min Scan# 1349  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Tgt Ion:225 Resp: 7318  
Ion Ratio Lower Upper  
225 100  
223 66.5 48.1 72.1  
227 59.6 52.1 78.1





#32

Caprolactam

Concen: 2.556 ng/ul m

RT: 12.13 min Scan# 1454

Delta R.T. 0.03 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

ClientSampled :

MDL-S-05

Tgt Ion:113 Resp: 1890

Ion Ratio Lower Upper

113 100

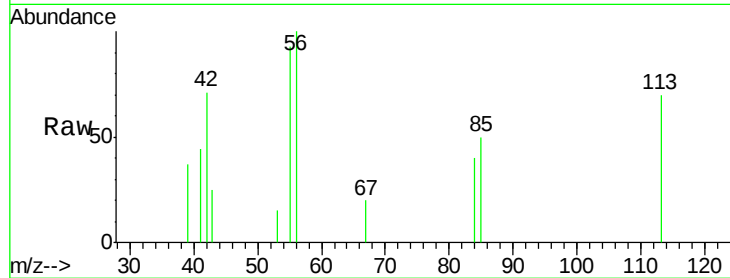
55 134.2 131.7 197.5

56 143.6 92.7 139.1#

Manual Integrations  
APPROVED

Sohil

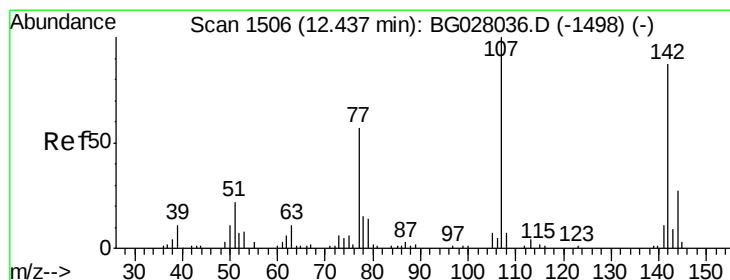
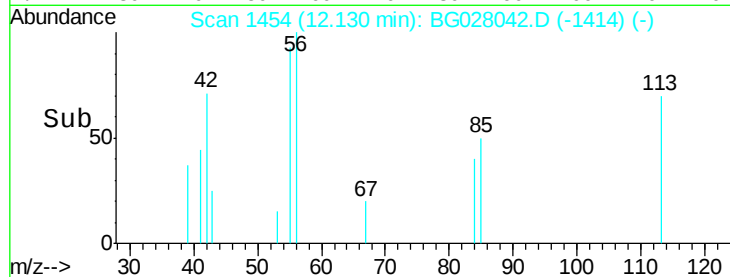
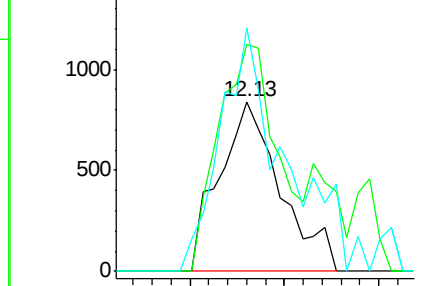
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#33

4-Chloro-3-methylphenol

Concen: 3.146 ng/ul

RT: 12.44 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

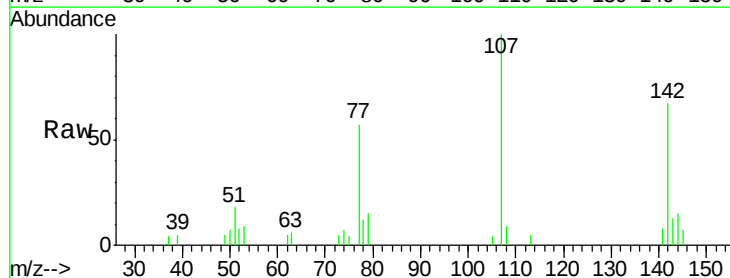
Tgt Ion:107 Resp: 7062

Ion Ratio Lower Upper

107 100

144 14.9 21.1 31.7#

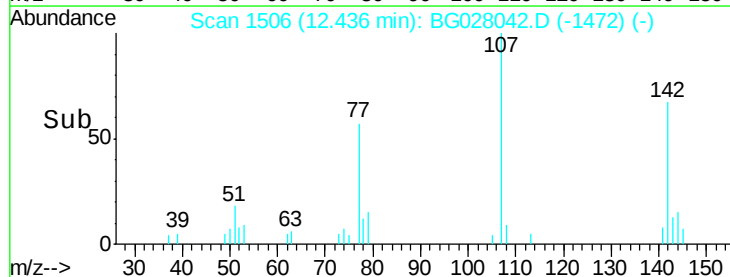
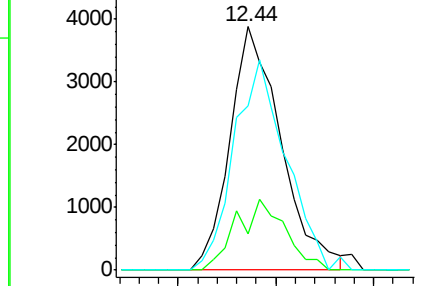
142 67.3 60.1 90.1

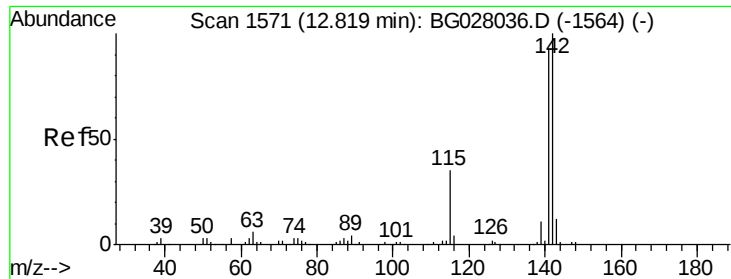


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.475 ng/ul

RT: 12.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

ClientSampleId :

MDL-S-05

Tgt Ion:142 Resp: 18677

Ion Ratio Lower Upper

142 100

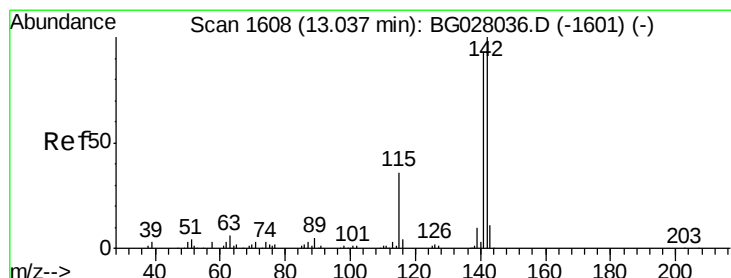
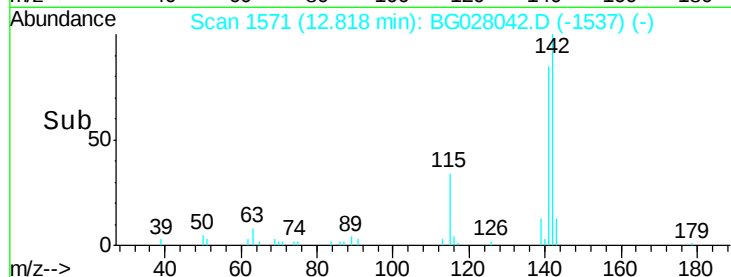
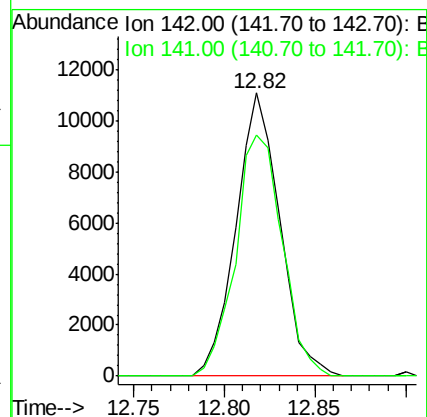
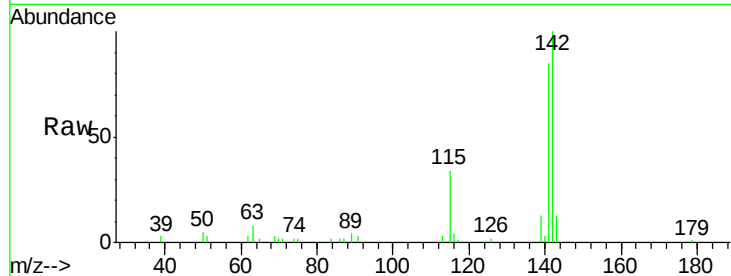
141 85.1 71.4 107.2

Manual Integrations

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#35

1-Methylnaphthalene

Concen: 3.501 ng/ul

RT: 13.04 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

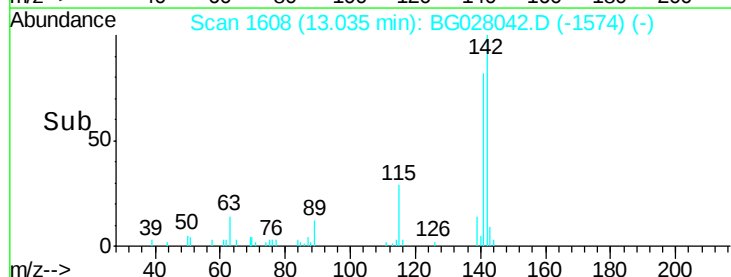
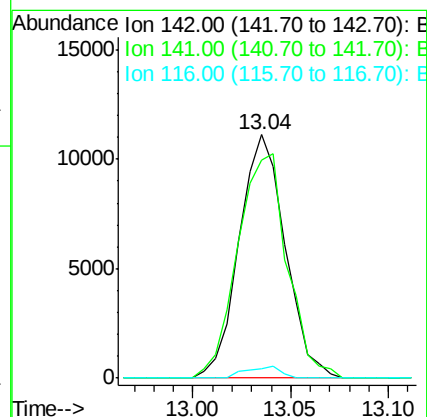
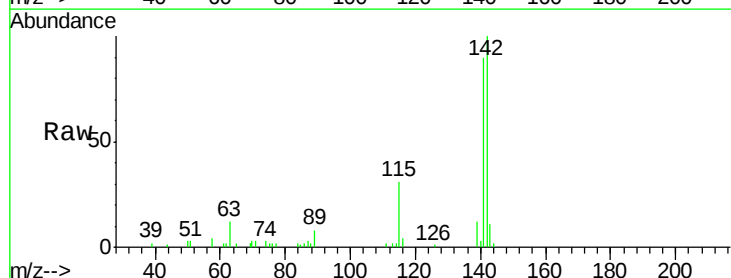
Tgt Ion:142 Resp: 18244

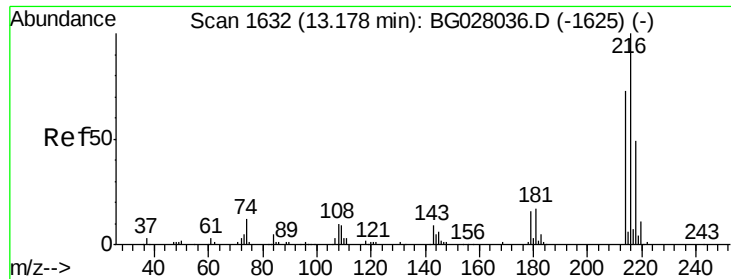
Ion Ratio Lower Upper

142 100

141 89.7 76.6 115.0

116 3.7 3.6 5.4





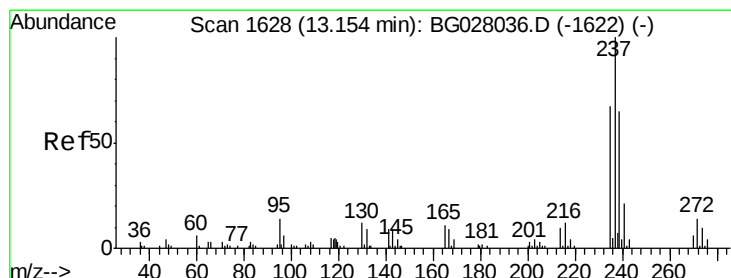
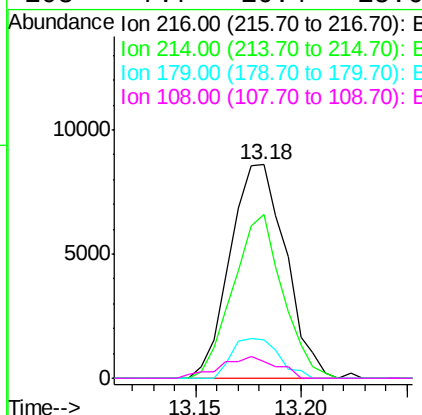
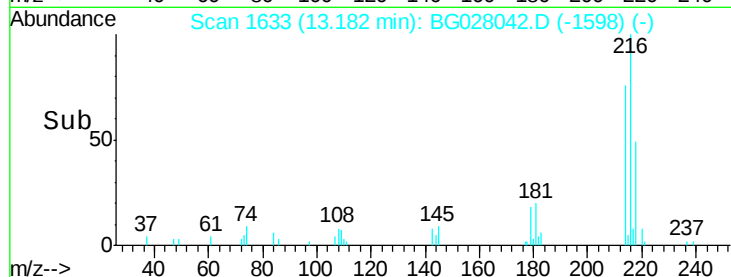
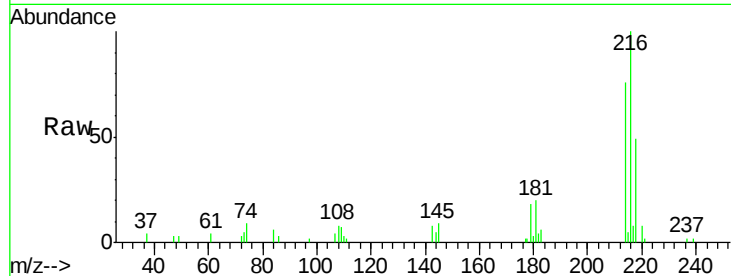
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 3.797 ng/ul  
 RT: 13.18 min Scan# 1633  
 Delta R.T. 0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-S-05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 216     | 100   | 15661 |       |       |
| 214     | 76.4  | 64.1  | 96.1  |       |
| 179     | 17.9  | 14.5  | 21.7  |       |
| 108     | 7.7   | 10.4  | 15.6  |       |

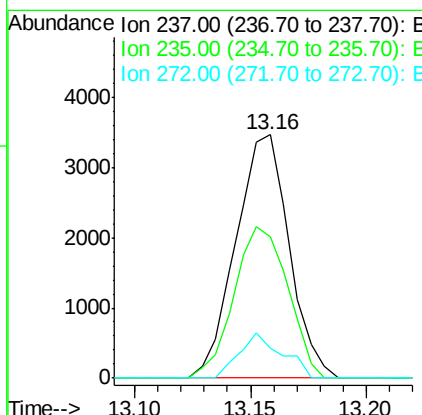
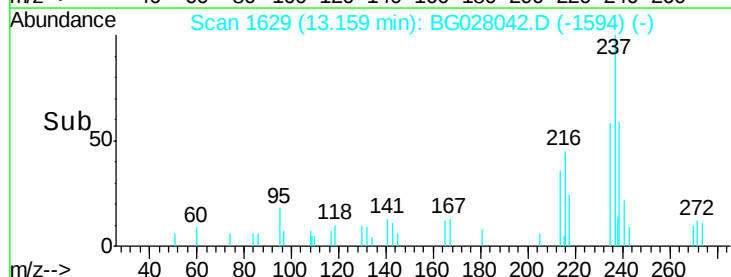
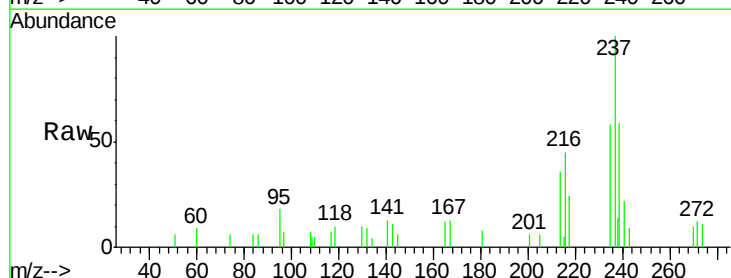
Manual Integrations  
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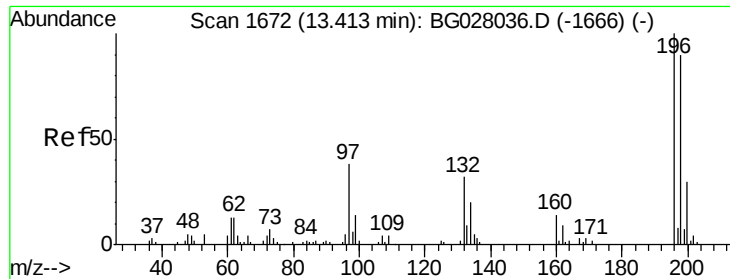
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 7/28/2017 4:46:01 PM



#38  
 Hexachlorocyclopentadiene  
 Concen: 2.303 ng/ul  
 RT: 13.16 min Scan# 1629  
 Delta R.T. 0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   | 5570 |       |       |
| 235     | 58.2  | 49.5 | 74.3  |       |
| 272     | 12.2  | 8.6  | 12.8  |       |





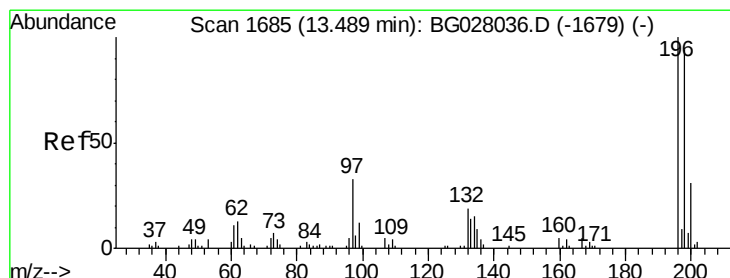
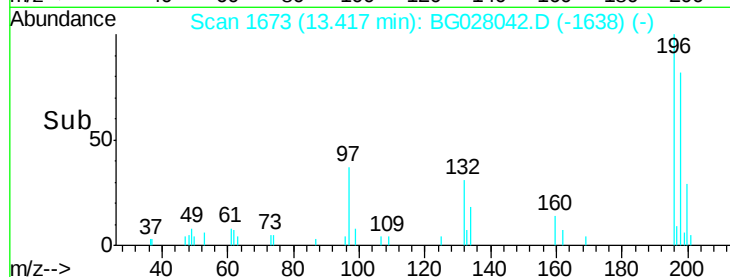
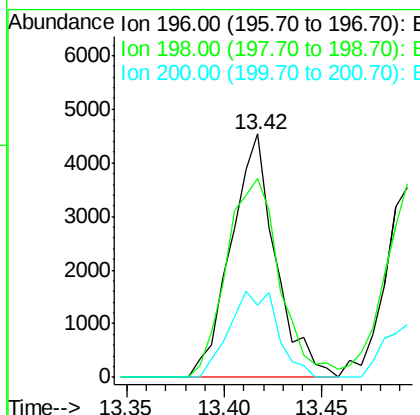
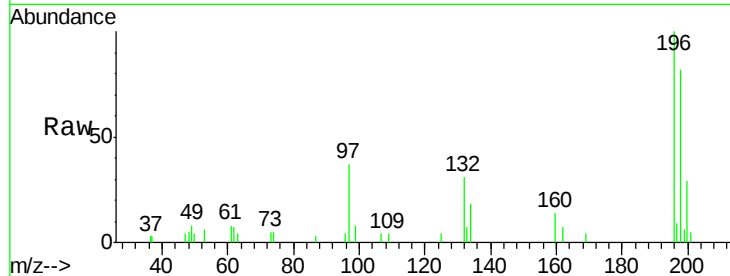
#39  
 2,4,6-Trichlorophenol  
 Concen: 2.916 ng/ul  
 RT: 13.42 min Scan# 1673  
 Delta R.T. 0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   | 7179 |       |       |
| 198     | 81.7  | 75.9 | 113.9 |       |
| 200     | 29.5  | 25.8 | 38.6  |       |

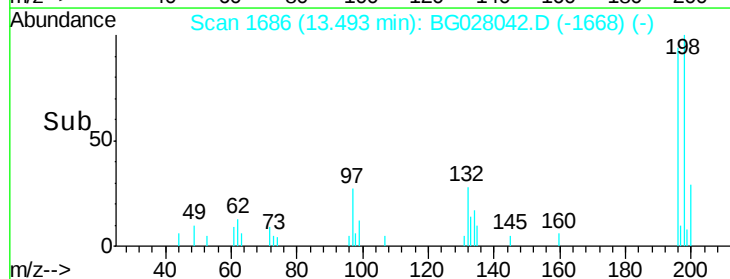
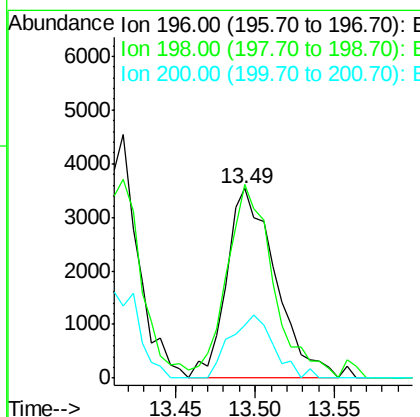
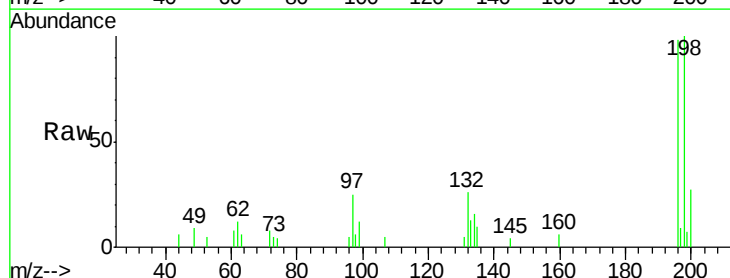
Manual Integrations  
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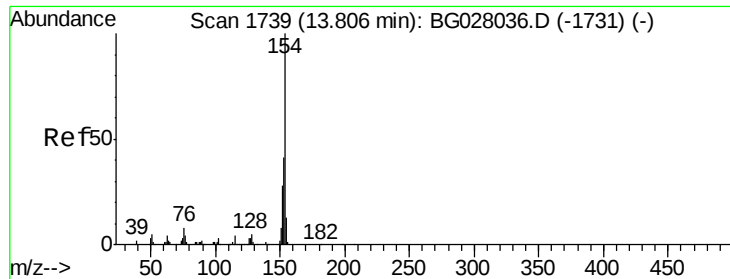
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 7/28/2017 4:46:01 PM



#40  
 2,4,5-Trichlorophenol  
 Concen: 2.894 ng/ul  
 RT: 13.49 min Scan# 1686  
 Delta R.T. 0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   | 7569 |       |       |
| 198     | 101.9 | 74.7 | 112.1 |       |
| 200     | 27.9  | 25.4 | 38.0  |       |





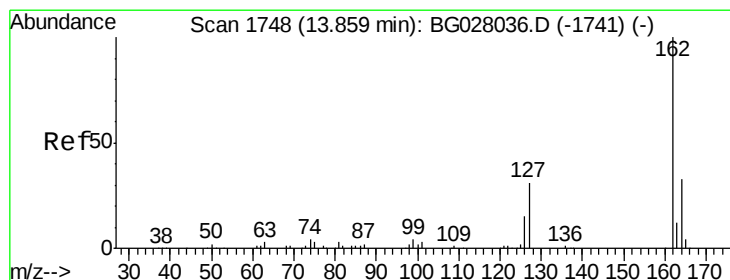
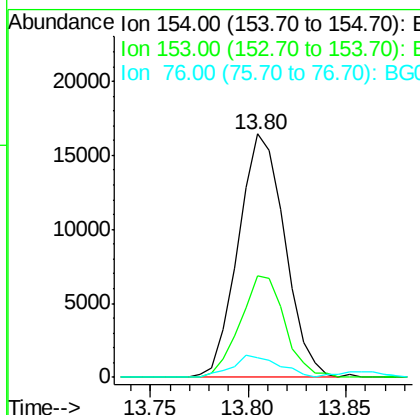
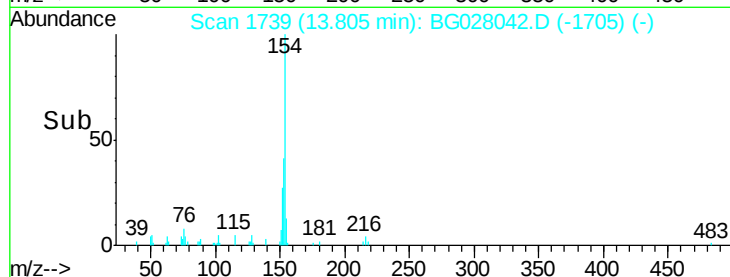
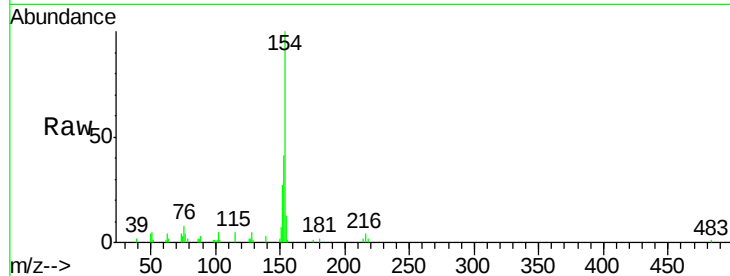
#41  
1,1'-Biphenyl  
Concen: 3.490 ng/ul  
RT: 13.80 min Scan# 1739  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 34.0  | 51.0  |
| 76      | 8.0   | 8.4   | 12.6  |

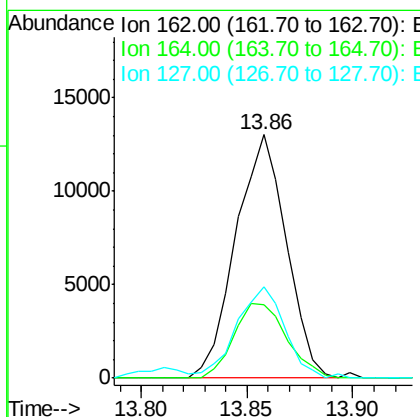
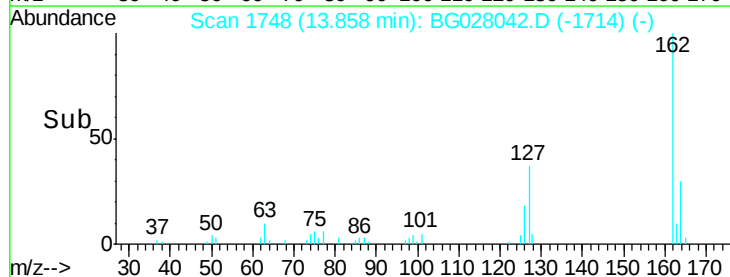
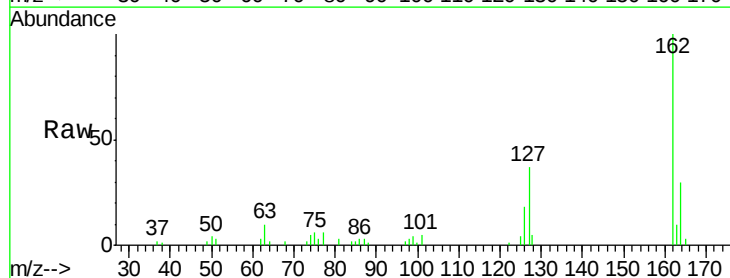
Manual Integrations  
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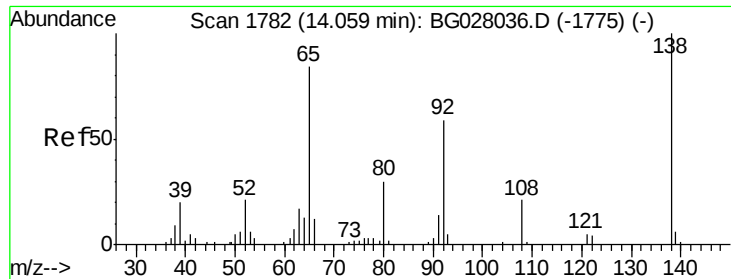
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#42  
2-Chloronaphthalene  
Concen: 3.434 ng/ul  
RT: 13.86 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 30.3  | 26.2  | 39.4  |
| 127     | 37.4  | 29.5  | 44.3  |





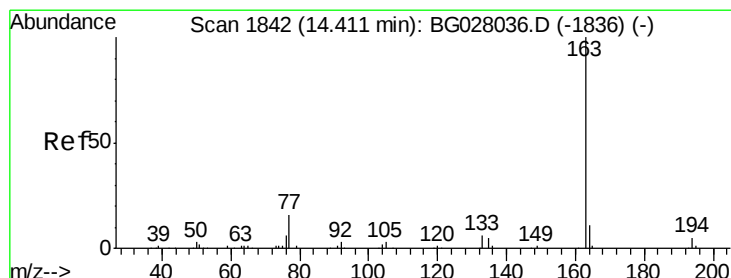
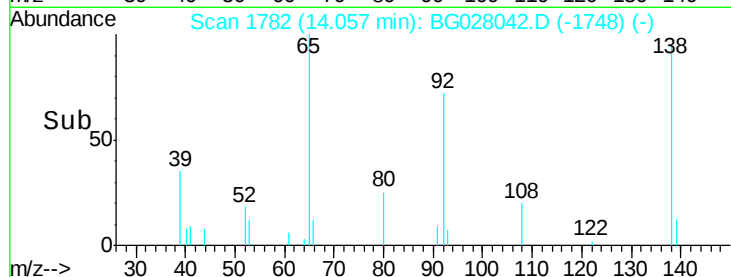
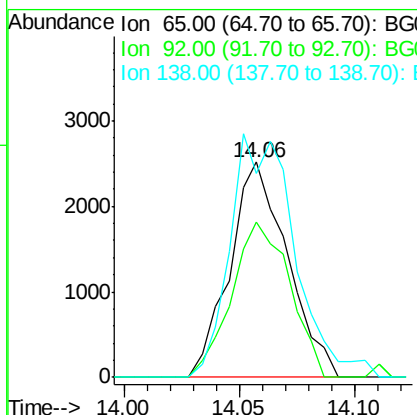
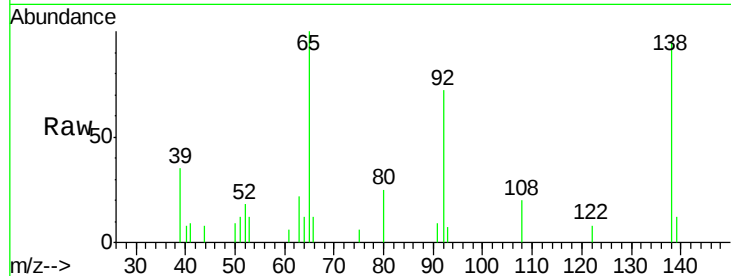
#43  
2-Nitroaniline  
Concen: 2.960 ng/ul  
RT: 14.06 min Scan# 1782  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

Tgt Ion: 65 Resp: 4378  
Ion Ratio Lower Upper  
65 100  
92 72.4 57.0 85.4  
138 94.8 87.2 130.8

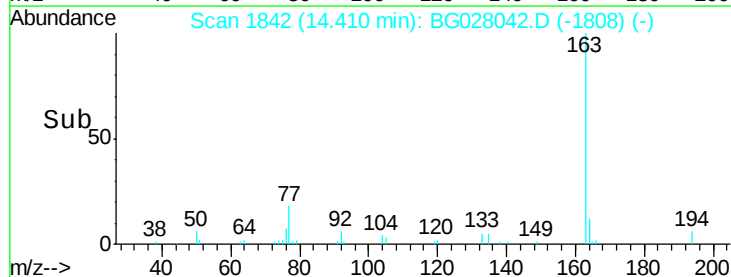
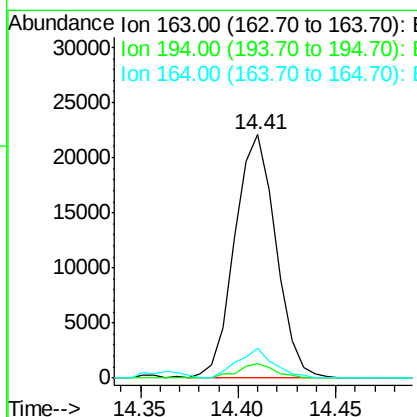
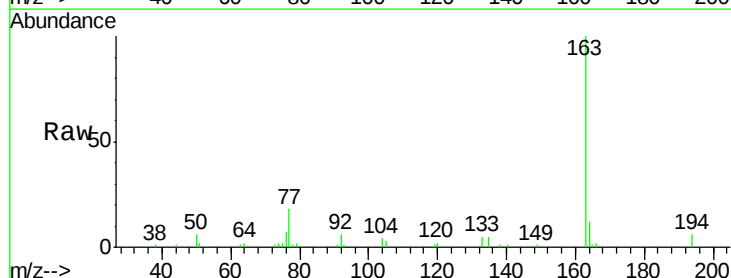
Manual Integrations  
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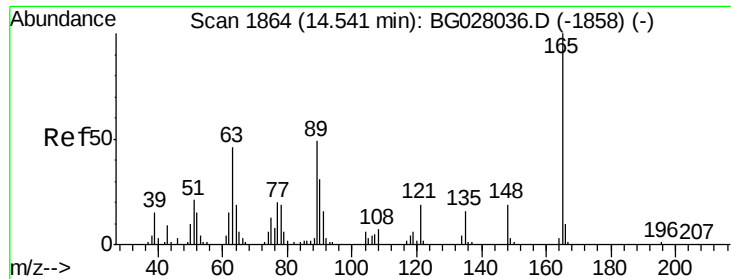
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#45  
Dimethylphthalate  
Concen: 3.656 ng/ul  
RT: 14.41 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Tgt Ion: 163 Resp: 32447  
Ion Ratio Lower Upper  
163 100  
194 5.7 4.0 6.0  
164 12.1 8.4 12.6





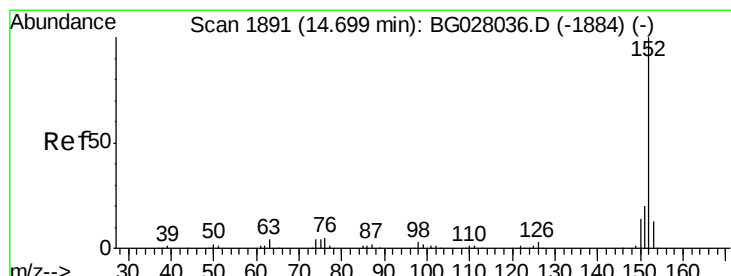
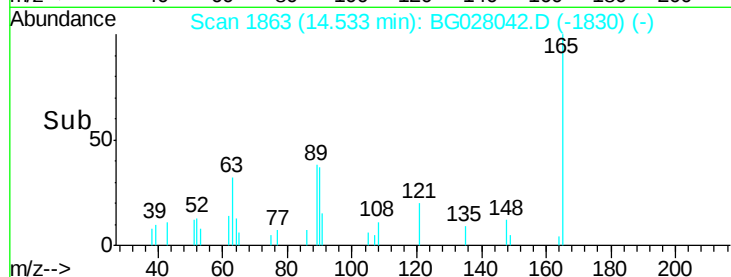
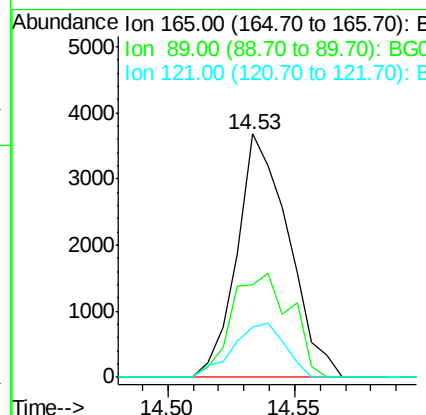
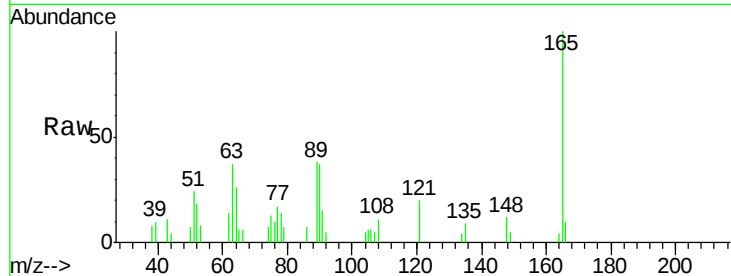
#46  
 2,6-Dinitrotoluene  
 Concen: 2.917 ng/ul  
 RT: 14.53 min Scan# 1863  
 Delta R.T. -0.01 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-S-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 38.0  | 43.8  | 65.8# |
| 121     | 20.4  | 17.8  | 26.6  |

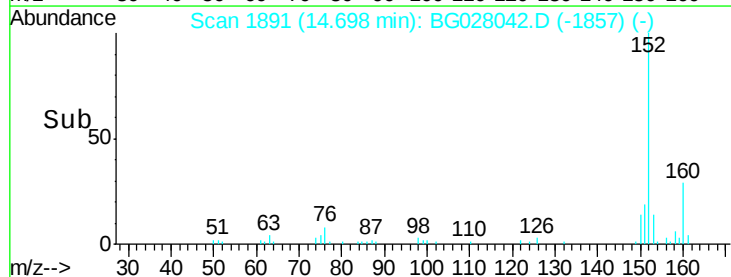
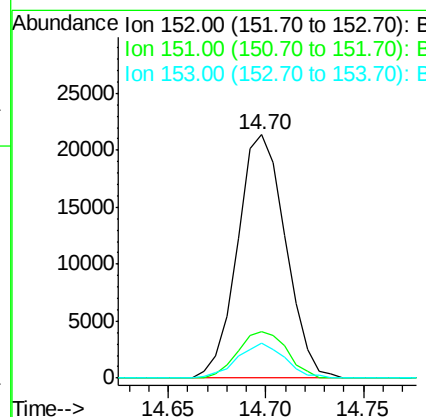
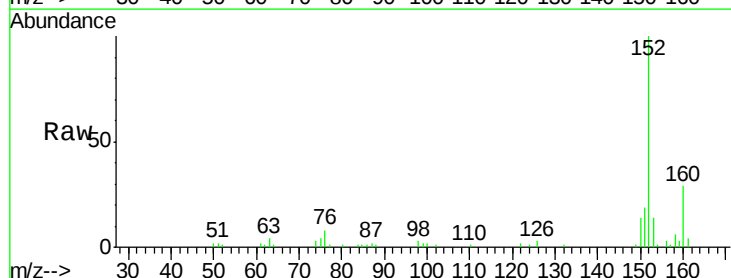
Manual Integrations  
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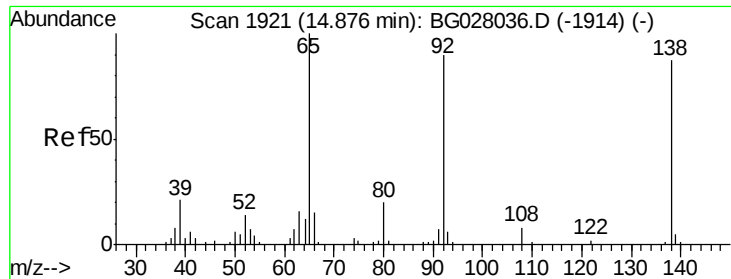
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#48  
 Acenaphthylene  
 Concen: 3.666 ng/ul  
 RT: 14.70 min Scan# 1891  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.2  | 16.1  | 24.1  |
| 153     | 14.2  | 10.8  | 16.2  |





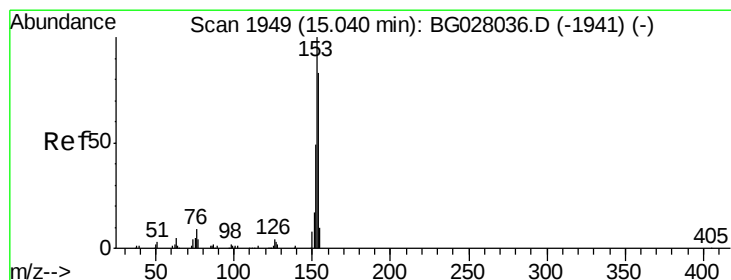
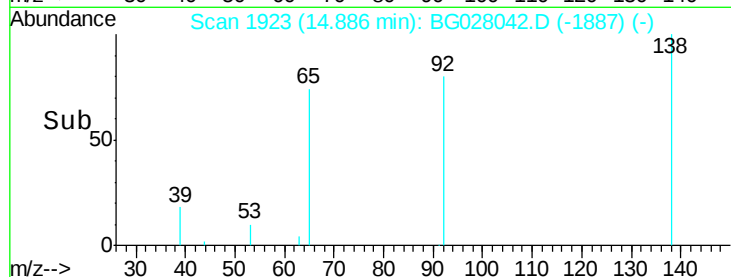
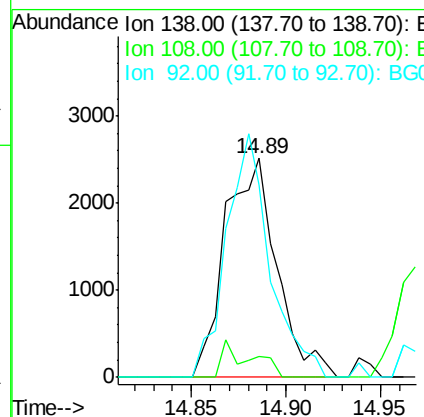
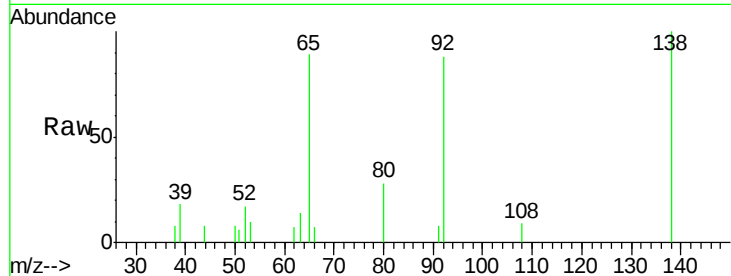
#49  
 3-Nitroaniline  
 Concen: 3.245 ng/ul m  
 RT: 14.89 min Scan# 1923  
 Delta R.T. 0.01 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 9.3   | 7.6   | 11.4   |
| 92      | 87.7  | 94.2  | 141.2# |

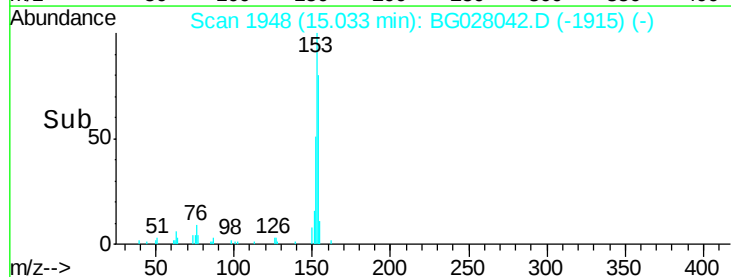
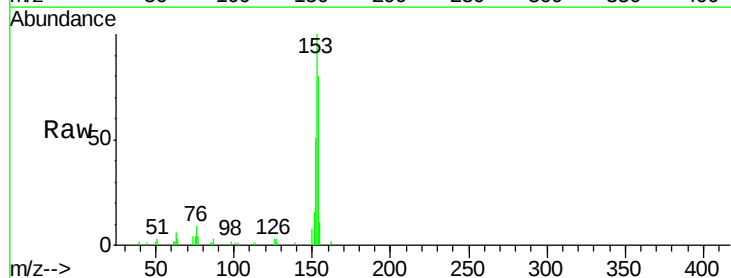
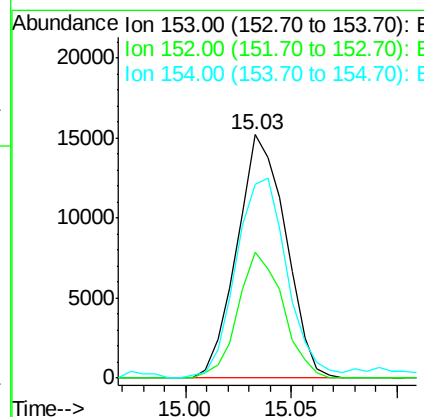
Manual Integrations  
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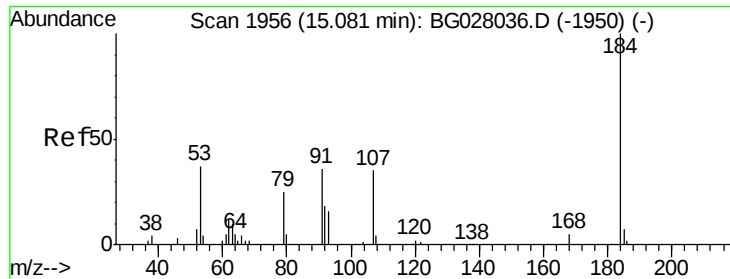
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#50  
 Acenaphthene  
 Concen: 3.568 ng/ul  
 RT: 15.03 min Scan# 1948  
 Delta R.T. -0.01 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 51.5  | 37.9  | 56.9  |
| 154     | 79.8  | 69.8  | 104.6 |





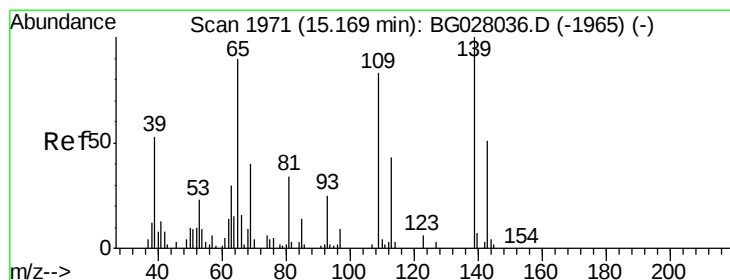
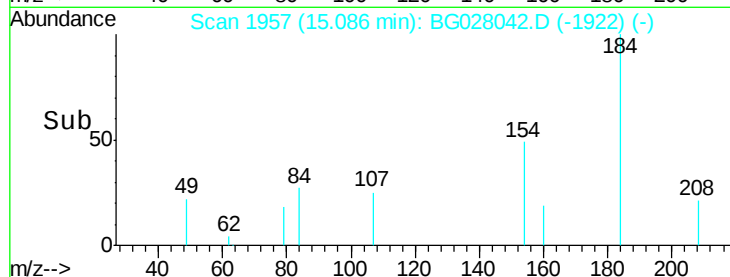
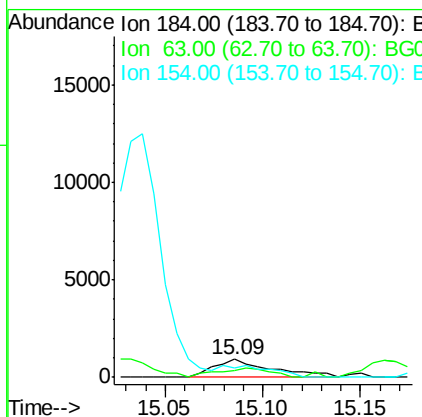
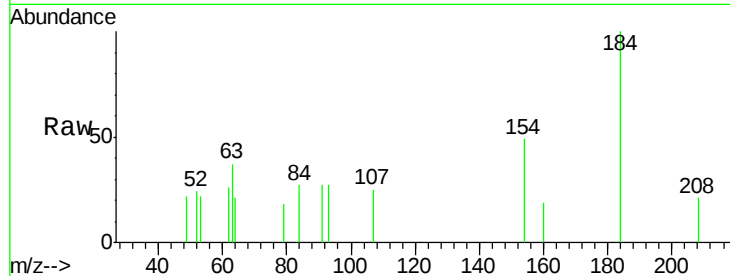
#51  
2,4-Dinitrophenol  
Concen: 1.712 ng/ul  
RT: 15.09 min Scan# 1957  
Delta R.T. 0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   | 1947 |       |       |
| 63      | 37.2  | 39.7 | 59.5# |       |
| 154     | 49.5  | 45.0 | 67.6  |       |

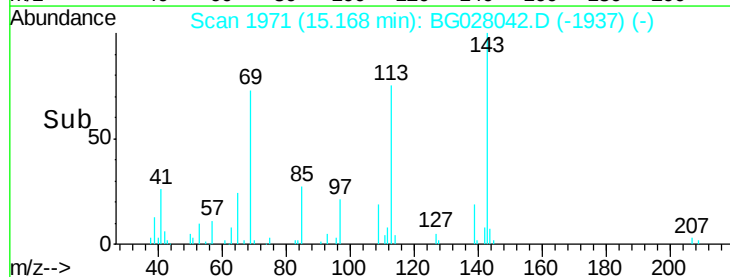
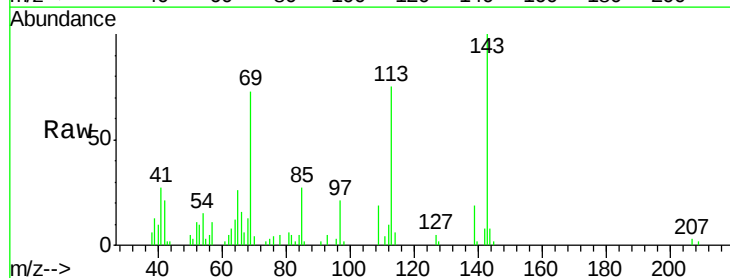
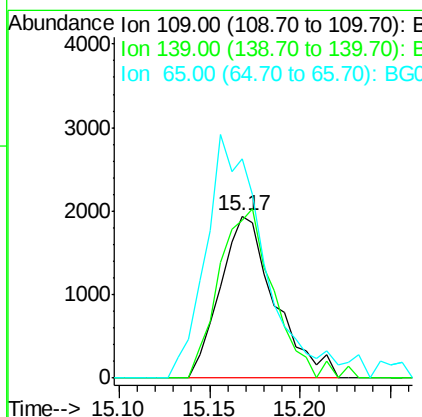
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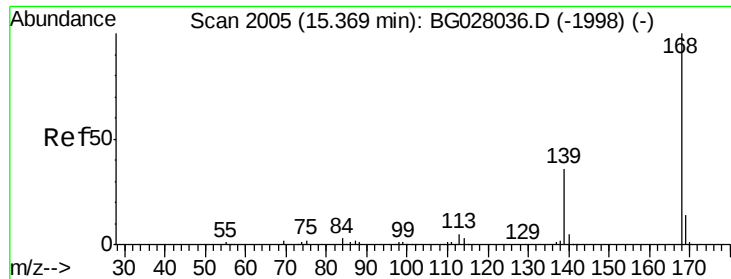
Sohil  
7/28/2017 4:46:01 PM



#53  
4-Nitrophenol  
Concen: 3.420 ng/ul  
RT: 15.17 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 109     | 100   | 4048 |       |       |
| 139     | 97.7  | 91.2 | 136.8 |       |
| 65      | 135.8 | 92.6 | 139.0 |       |





#54

Dibenzofuran

Concen: 3.640 ng/ul

RT: 15.37 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

ClientSampled :

MDL-S-05

Tgt Ion:168 Resp: 37643

Ion Ratio Lower Upper

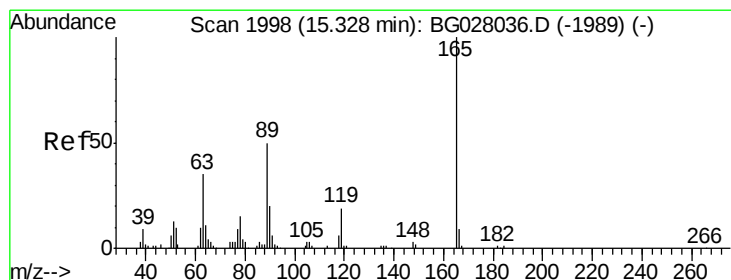
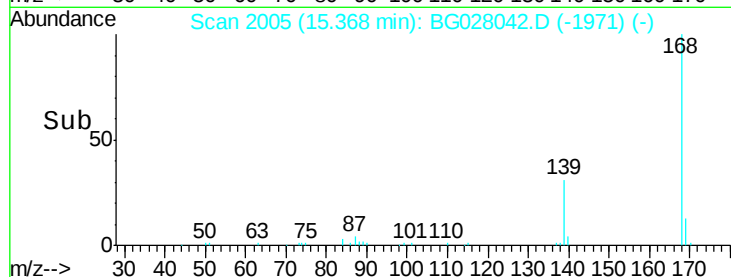
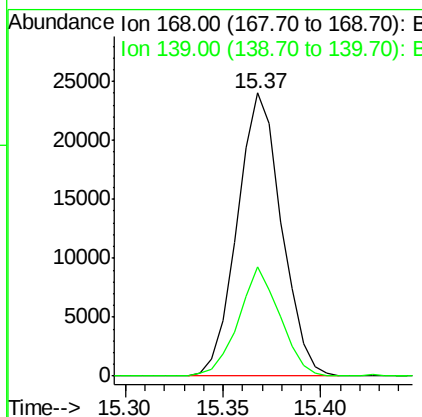
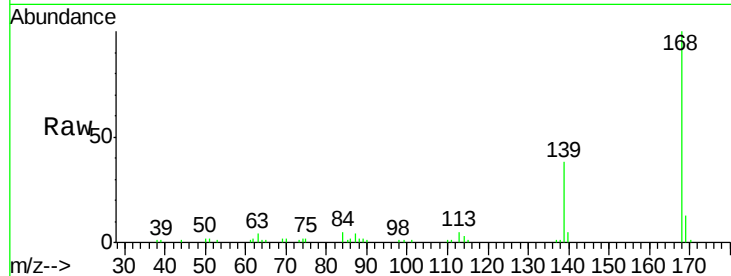
168 100

139 38.4 31.0 46.4

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#55

2,4-Dinitrotoluene

Concen: 3.468 ng/ul

RT: 15.32 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

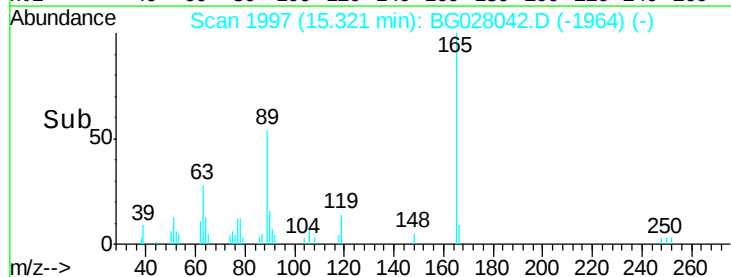
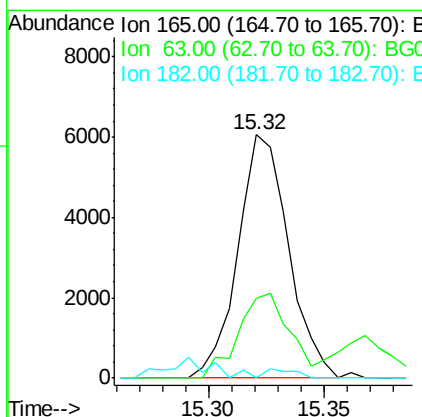
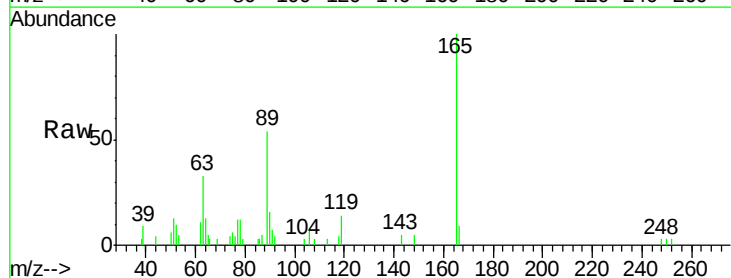
Tgt Ion:165 Resp: 9229

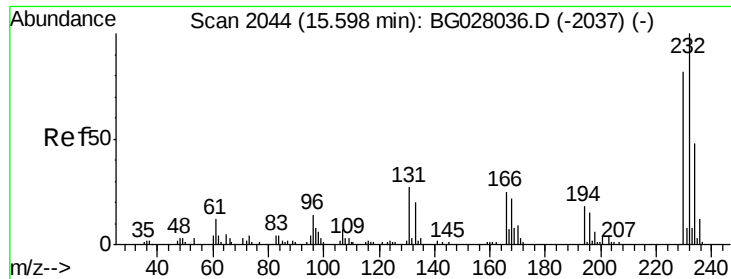
Ion Ratio Lower Upper

165 100

63 32.6 31.4 47.0

182 0.0 2.7 4.1#





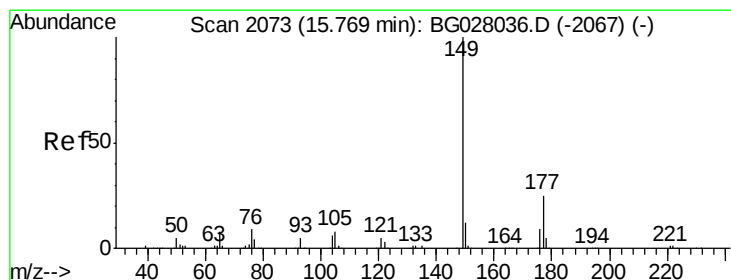
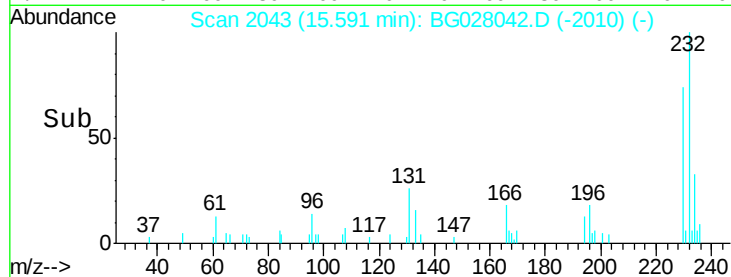
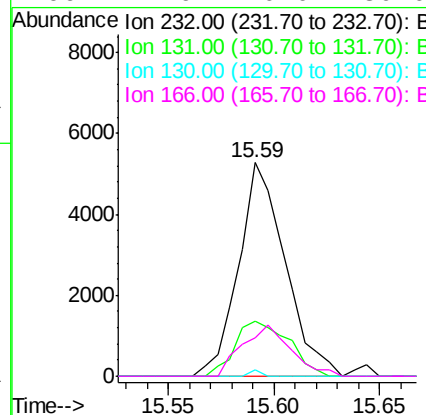
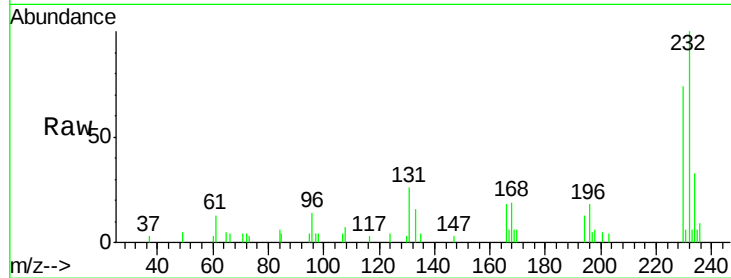
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.892 ng/ul  
 RT: 15.59 min Scan# 2043  
 Delta R.T. -0.01 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 232     | 100   |            |            |
| 131     | 25.8  | 27.1       | 40.7#      |
| 130     | 2.9   | 0.0        | 0.0#       |
| 166     | 17.9  | 20.0       | 30.0#      |

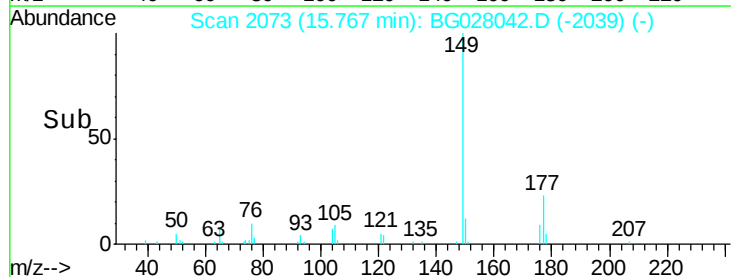
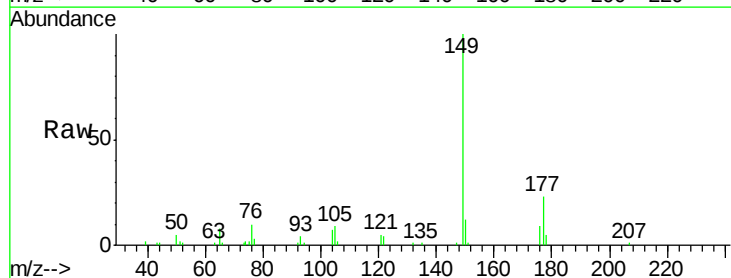
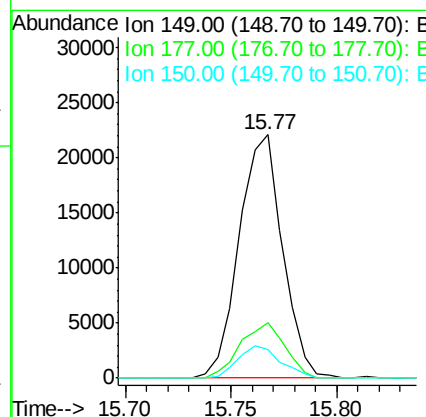
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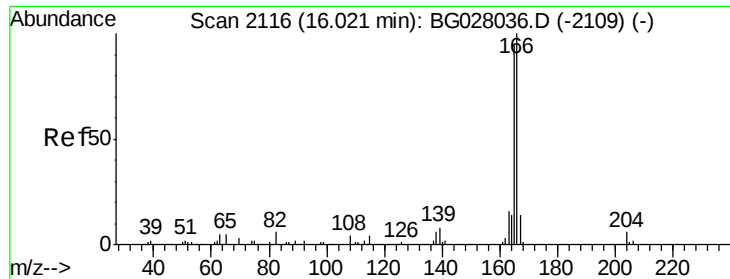
Sohil  
 7/28/2017 4:46:01 PM



#57  
 Diethylphthalate  
 Concen: 3.365 ng/ul  
 RT: 15.77 min Scan# 2073  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 22.7  | 19.3       | 28.9       |
| 150     | 11.7  | 10.6       | 15.8       |





#59

Fluorene

Concen: 3.586 ng/ul

RT: 16.02 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

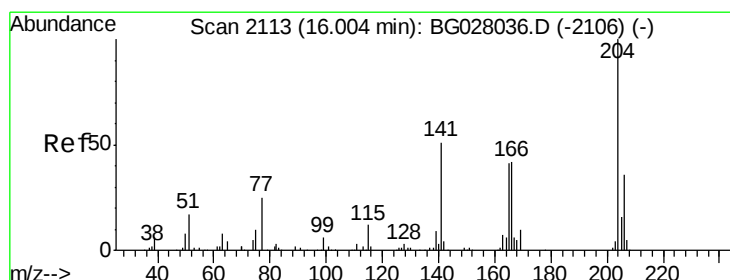
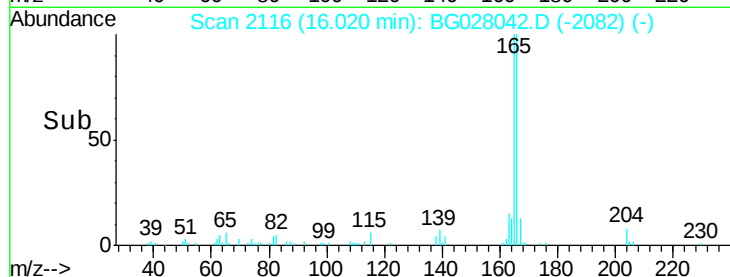
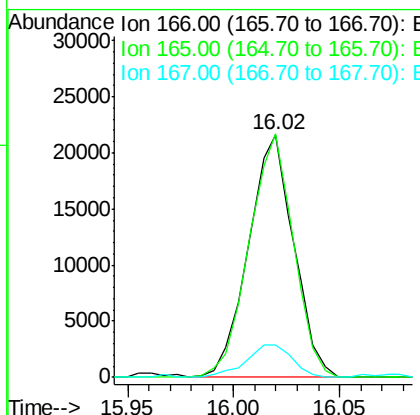
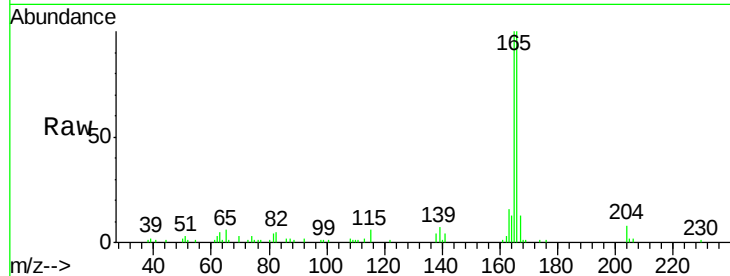
ClientSampleId :

MDL-S-05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 166     | 100   | 32172 |       |       |
| 165     | 100.4 | 78.4  | 117.6 |       |
| 167     | 13.3  | 11.1  | 16.7  |       |

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#60

4-Chlorophenyl-phenylether

Concen: 3.552 ng/ul

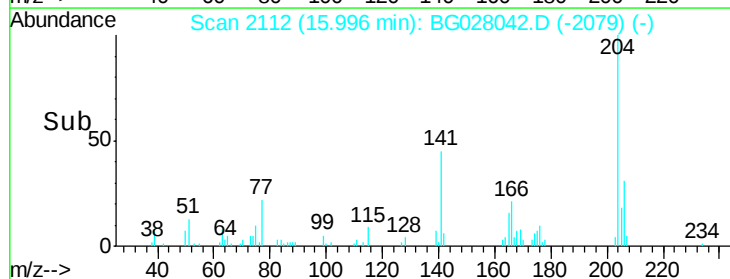
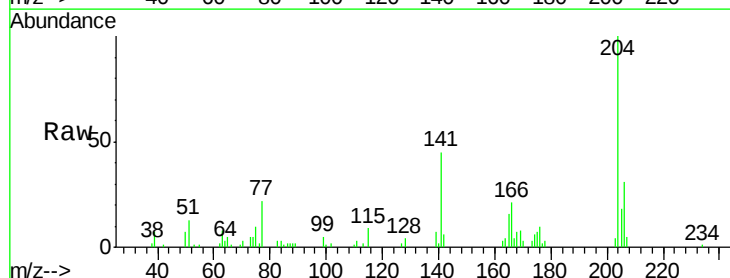
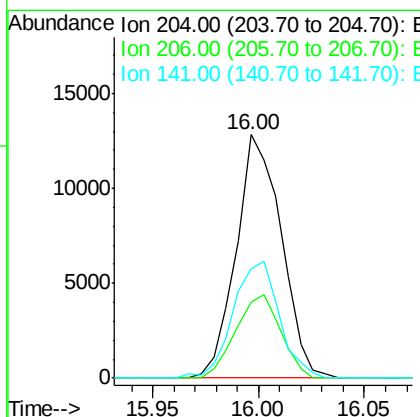
RT: 16.00 min Scan# 2112

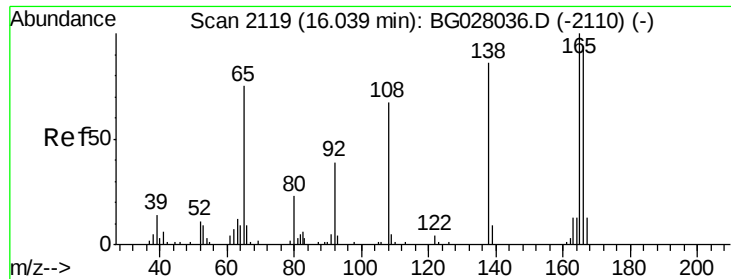
Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 19037 |       |       |
| 206     | 31.1  | 26.6  | 40.0  |       |
| 141     | 45.0  | 40.7  | 61.1  |       |





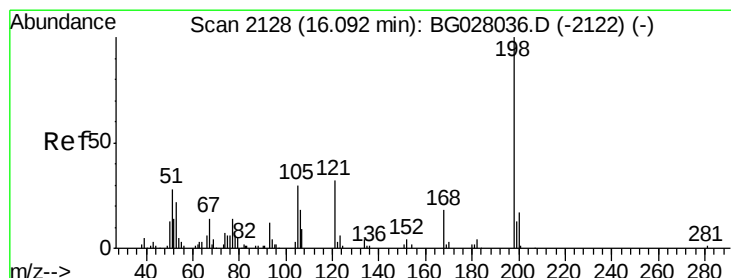
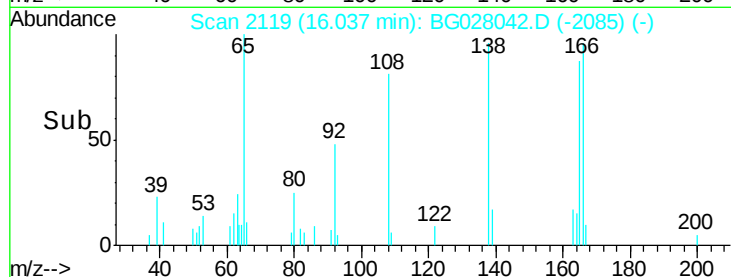
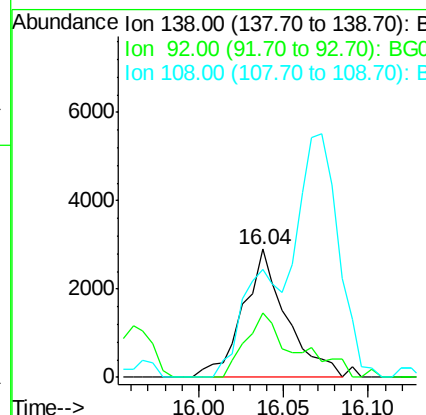
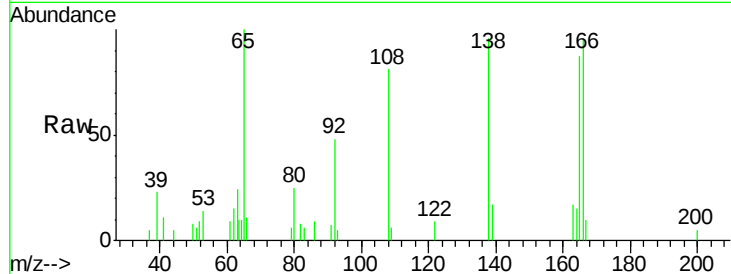
#61  
4-Nitroaniline  
Concen: 2.952 ng/ul  
RT: 16.04 min Scan# 2119  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampled :  
MDL-S-05

Tgt Ion:138 Resp: 5192  
Ion Ratio Lower Upper  
138 100  
92 49.8 38.2 57.4  
108 84.0 70.0 105.0

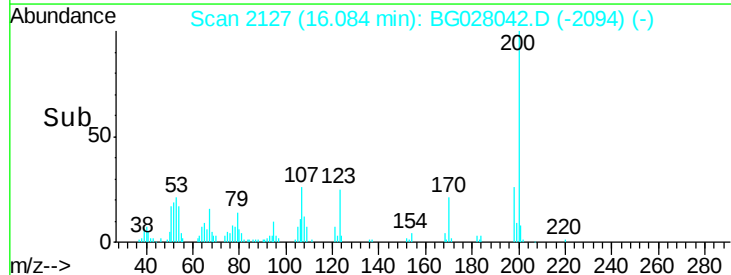
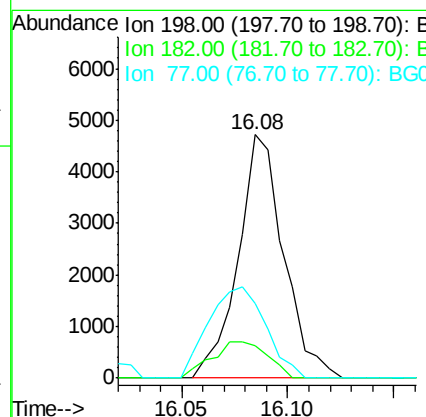
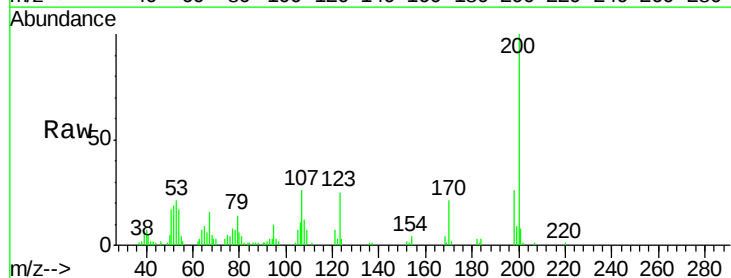
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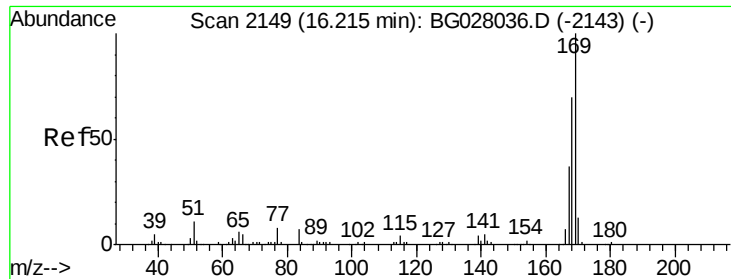
Sohil  
7/28/2017 4:46:01 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.303 ng/ul  
RT: 16.08 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Tgt Ion:198 Resp: 7031  
Ion Ratio Lower Upper  
198 100  
182 13.2 3.5 5.3#  
77 30.4 18.2 27.4#





#65

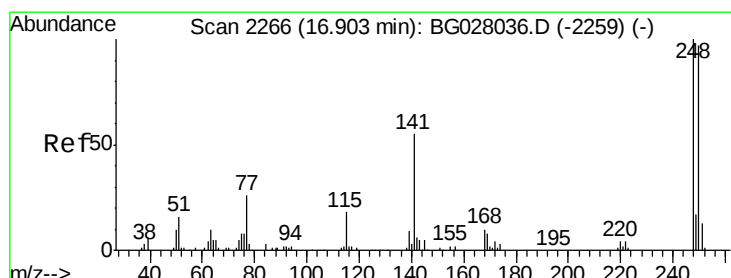
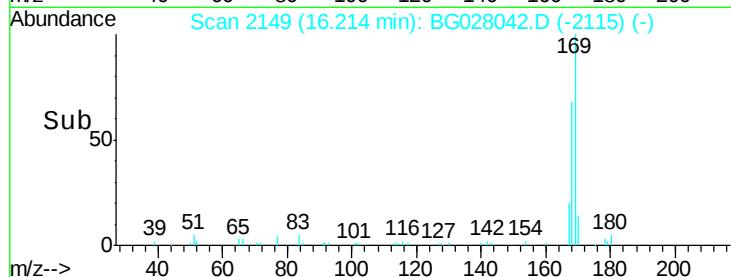
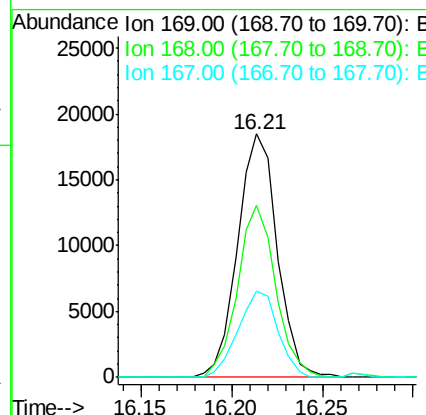
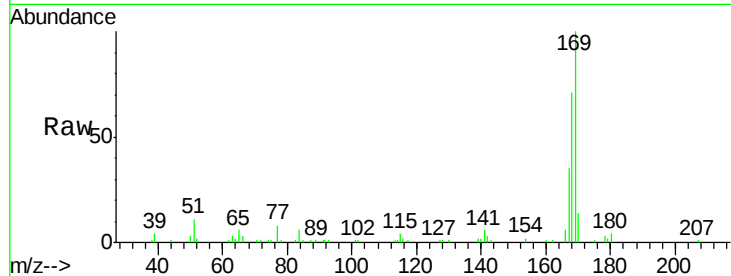
N-Nitrosodiphenylamine  
 Concen: 3.556 ng/ul  
 RT: 16.21 min Scan# 2149  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 28006 |       |       |
| 168     | 70.9  |       | 53.8  | 80.8  |
| 167     | 35.2  |       | 29.5  | 44.3  |

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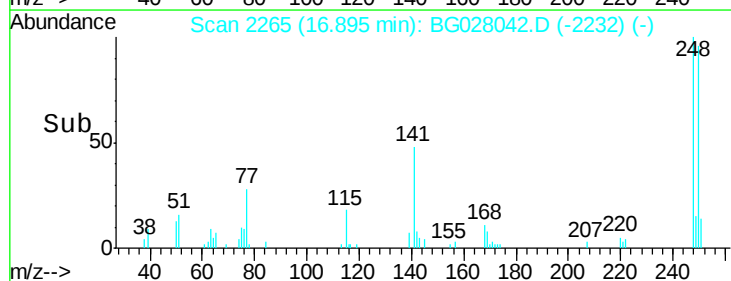
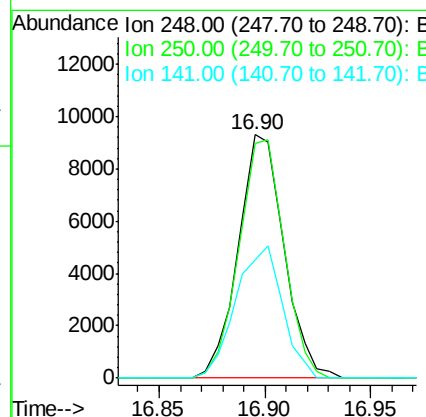
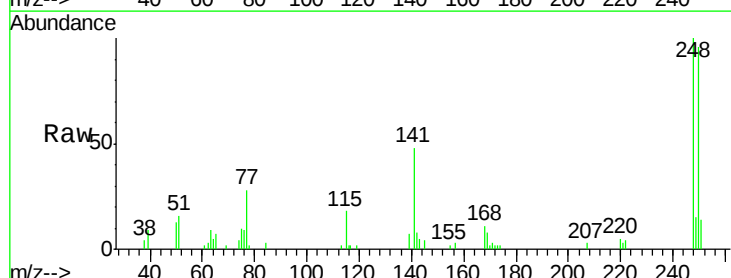
Sohil  
 7/28/2017 4:46:01 PM

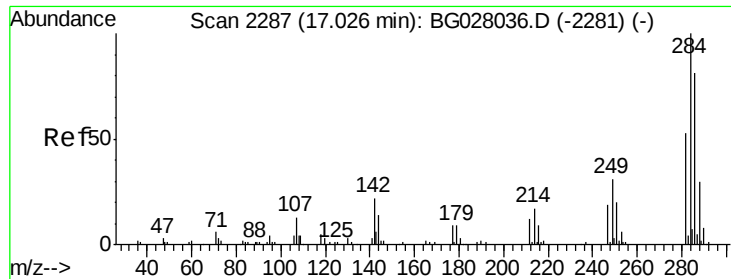


#66

4-Bromophenyl-phenylether  
 Concen: 3.483 ng/ul  
 RT: 16.90 min Scan# 2265  
 Delta R.T. -0.01 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 13974 |       |       |
| 250     | 96.5  |       | 79.0  | 118.4 |
| 141     | 48.5  |       | 51.9  | 77.9  |





#67

Hexachlorobenzene

Concen: 3.584 ng/ul

RT: 17.02 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

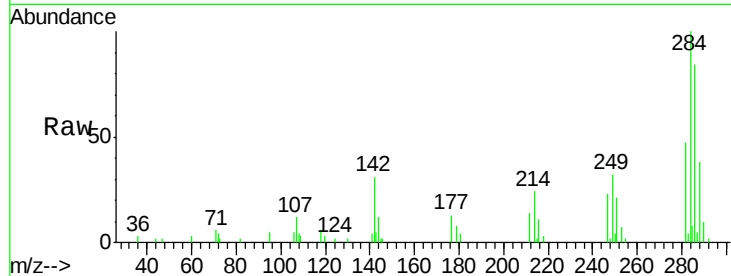
ClientSampleId :

MDL-S-05

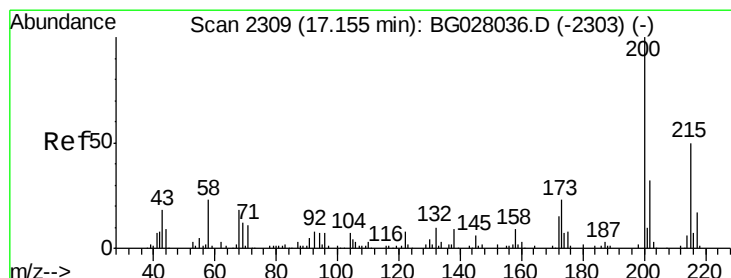
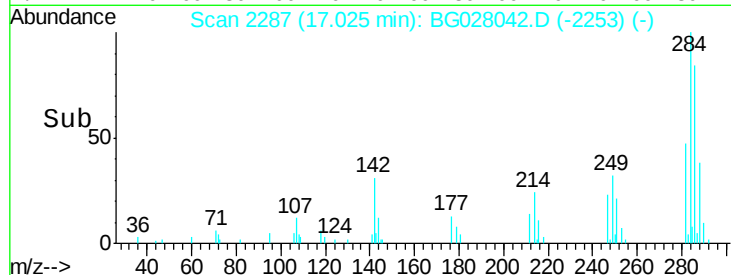
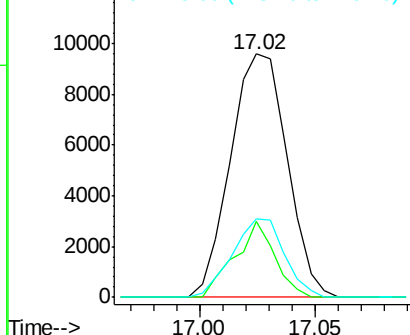
|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 284  | Resp: | 16353 |
| Ion Ratio |      | Lower | Upper |
| 284       | 100  |       |       |
| 142       | 36.3 | 21.3  | 31.9# |
| 249       | 32.2 | 26.3  | 39.5  |

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



#68

Atrazine

Concen: 3.108 ng/ul

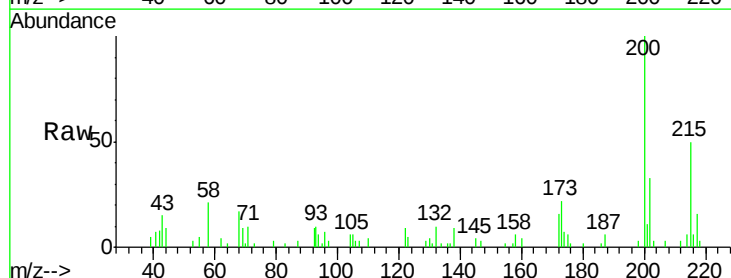
RT: 17.15 min Scan# 2309

Delta R.T. -0.00 min

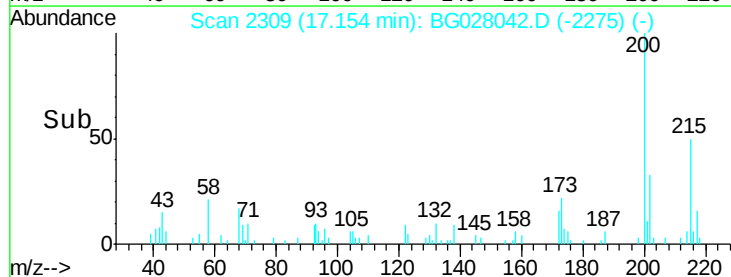
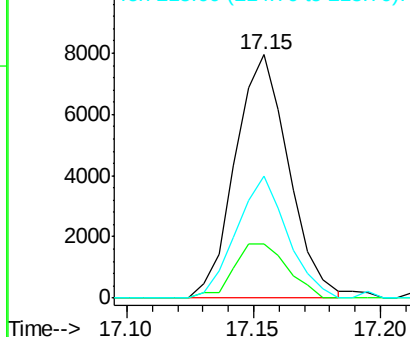
Lab File: BG028042.D

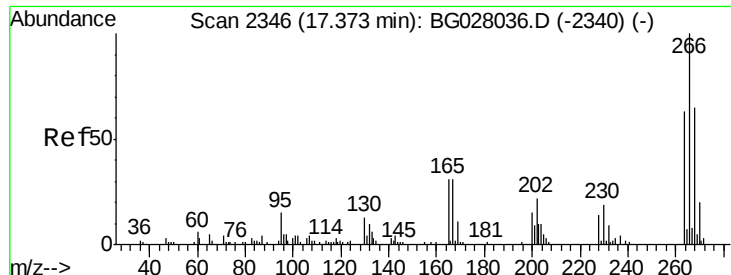
Acq: 28 Jul 2017 1:06

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 200  | Resp: | 11680 |
| Ion Ratio |      | Lower | Upper |
| 200       | 100  |       |       |
| 173       | 22.0 | 20.6  | 31.0  |
| 215       | 50.0 | 39.8  | 59.6  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





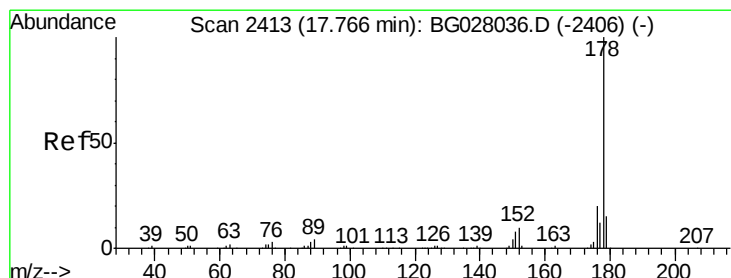
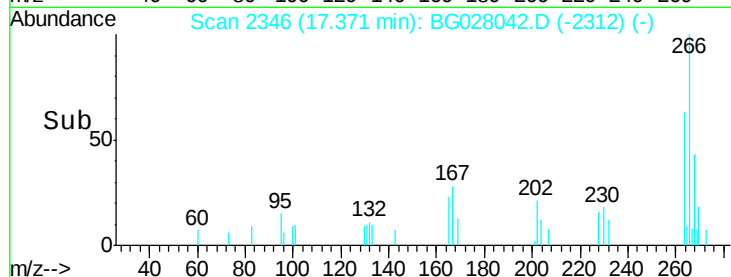
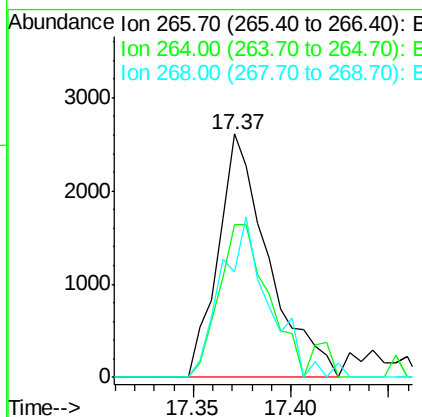
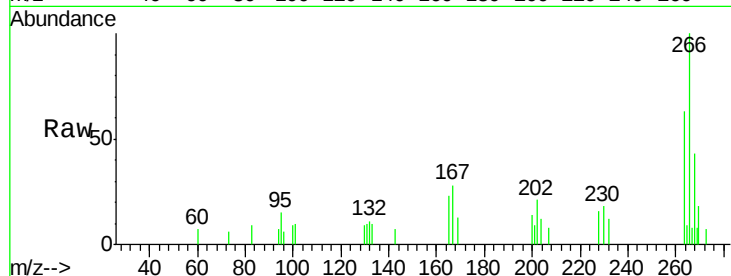
#69  
 Pentachlorophenol  
 Concen: 1.957 ng/ul  
 RT: 17.37 min Scan# 2346  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.6  | 48.2  | 72.4  |
| 268     | 43.2  | 52.3  | 78.5  |

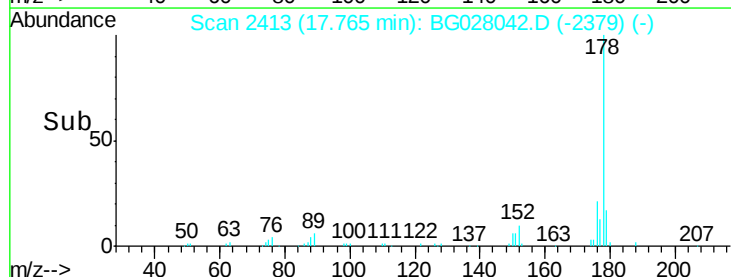
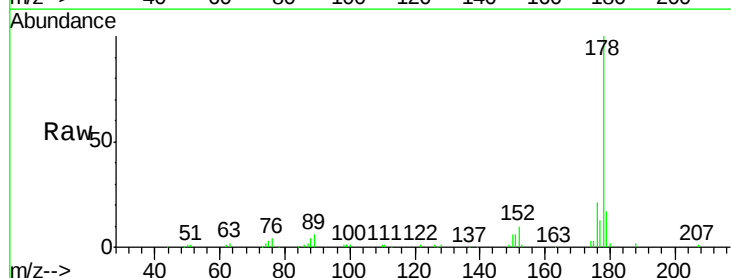
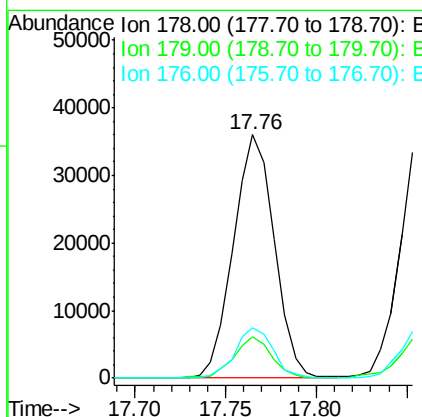
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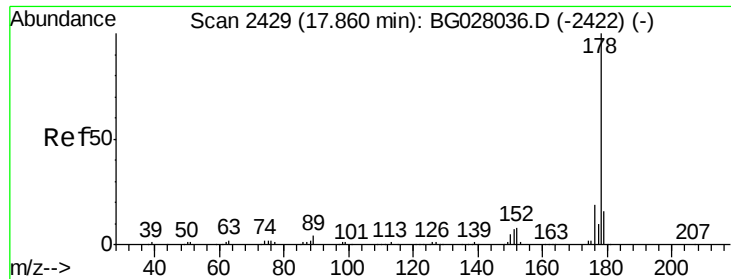
Sohil  
 7/28/2017 4:46:01 PM



#70  
 Phenanthrene  
 Concen: 3.651 ng/ul  
 RT: 17.76 min Scan# 2413  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 16.8  | 12.3  | 18.5  |
| 176     | 20.5  | 15.4  | 23.0  |





#72

Anthracene

Concen: 3.567 ng/uL

RT: 17.86 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

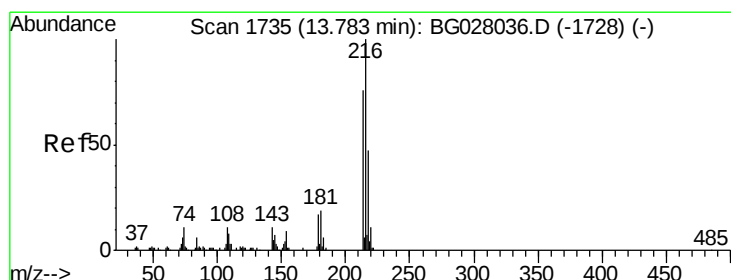
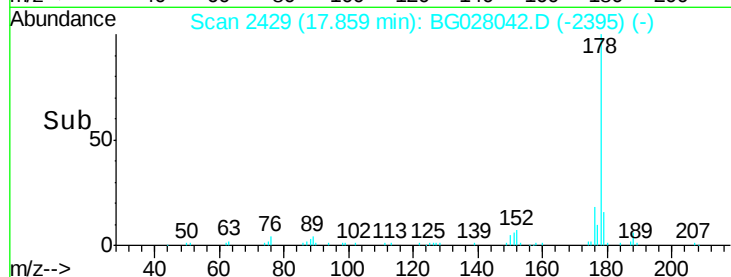
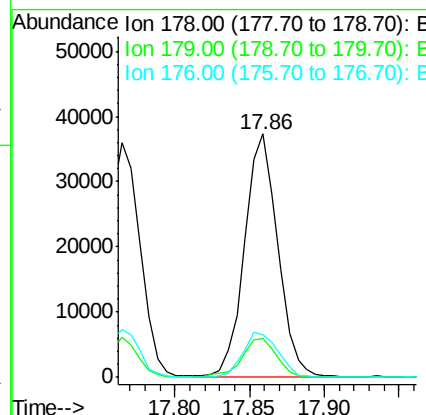
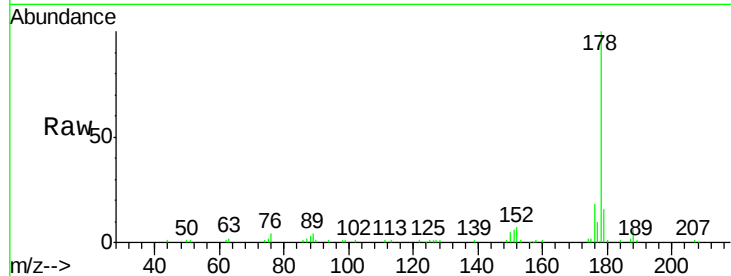
ClientSampled :

MDL-S-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 57624 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 15.9  | 13.4  | 20.2  |
| 176       | 17.6  | 15.4  | 23.0  |

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.573 ng/uL

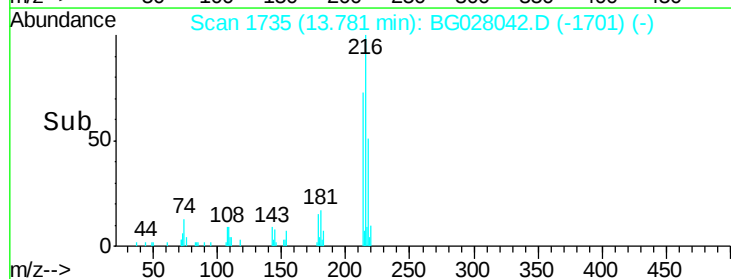
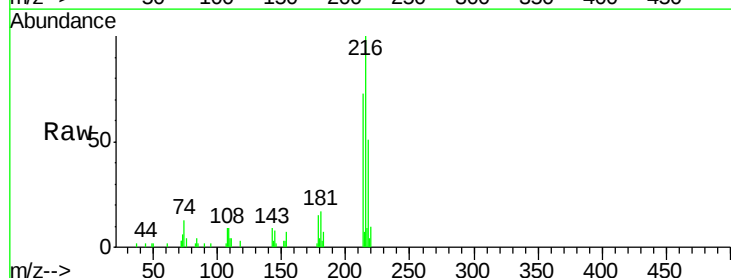
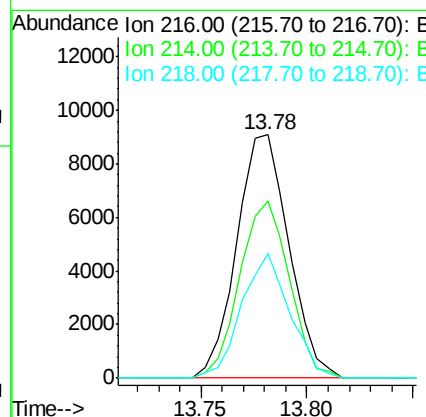
RT: 13.78 min Scan# 1735

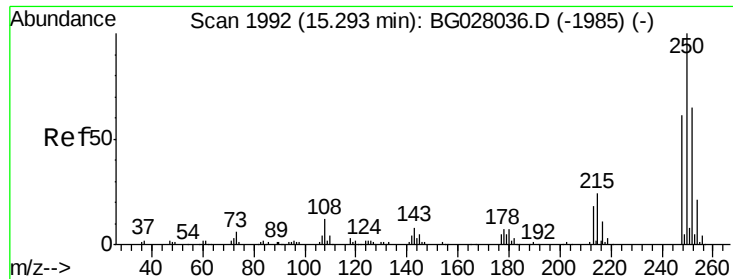
Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 15550 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 72.5  | 64.1  | 96.1  |
| 218       | 51.0  | 39.4  | 59.0  |





#74

Pentachlorobenzene

Concen: 3.439 ng/uL

RT: 15.29 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

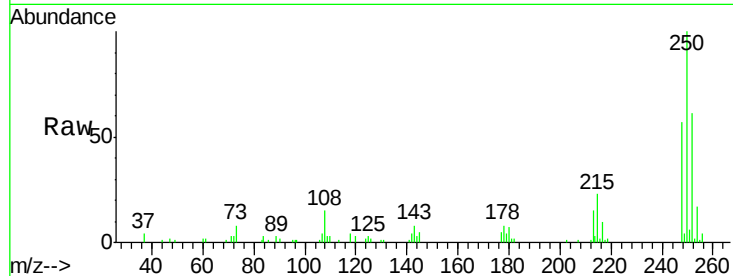
ClientSampleId :

MDL-S-05

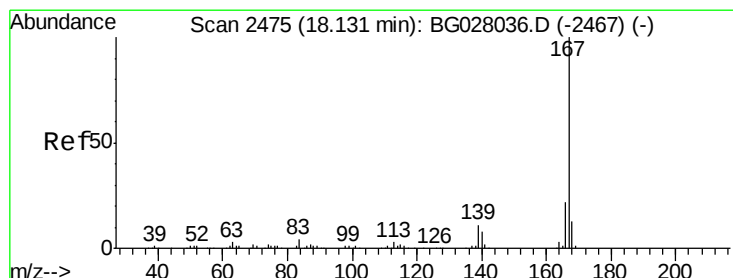
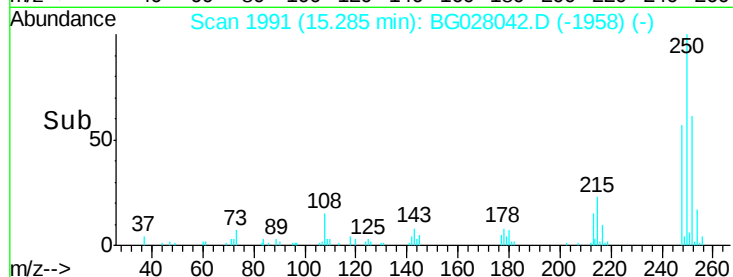
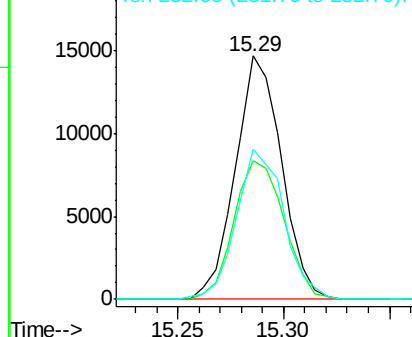
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 250   | Resp: | 22243 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 57.1  | 51.4  | 77.2  |
| 252       | 61.5  | 49.8  | 74.6  |

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Abundance Ion 250.00 (249.70 to 250.70): E  
Ion 248.00 (247.70 to 248.70): E  
Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 3.455 ng/uL

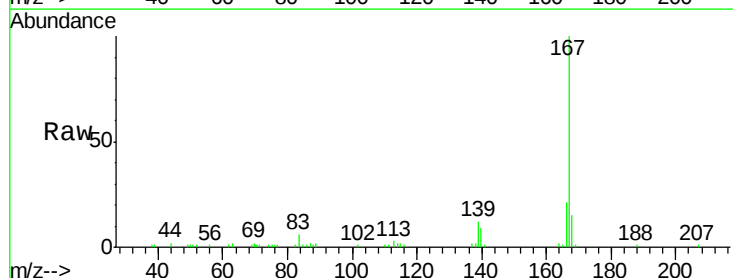
RT: 18.12 min Scan# 2474

Delta R.T. -0.01 min

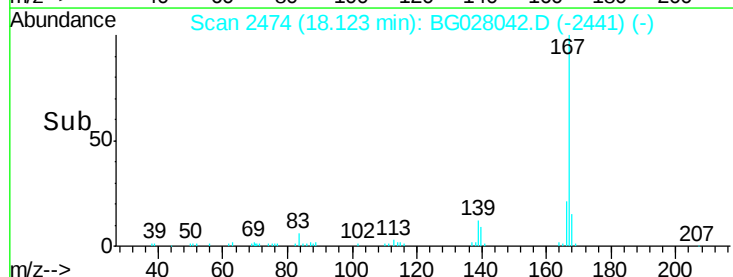
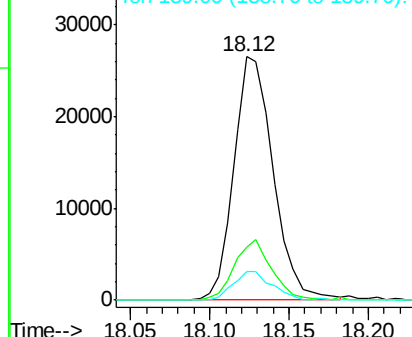
Lab File: BG028042.D

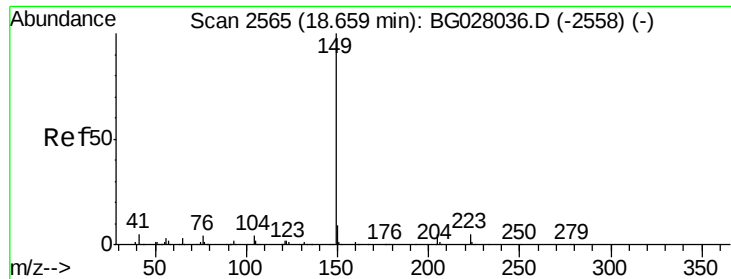
Acq: 28 Jul 2017 1:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 167   | Resp: | 45695 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 21.5  | 17.0  | 25.4  |
| 139       | 11.6  | 9.1   | 13.7  |



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E





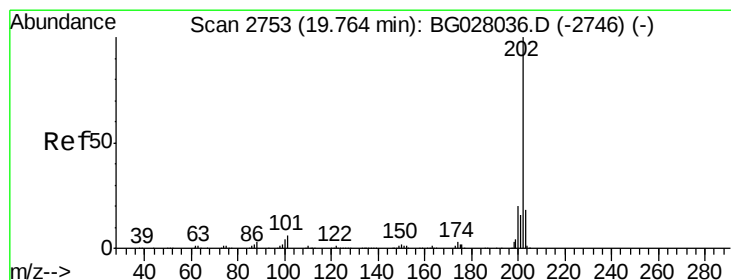
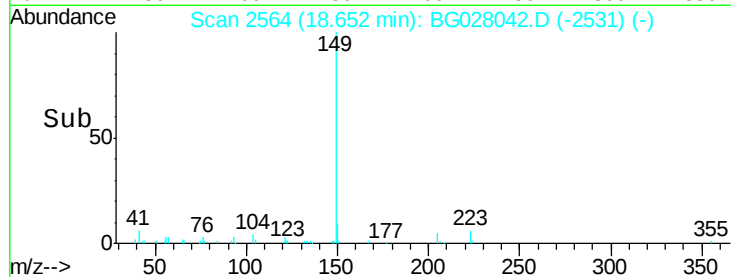
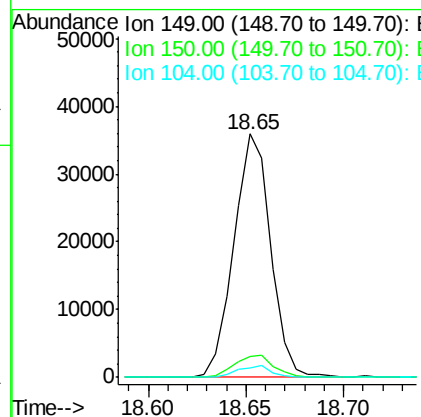
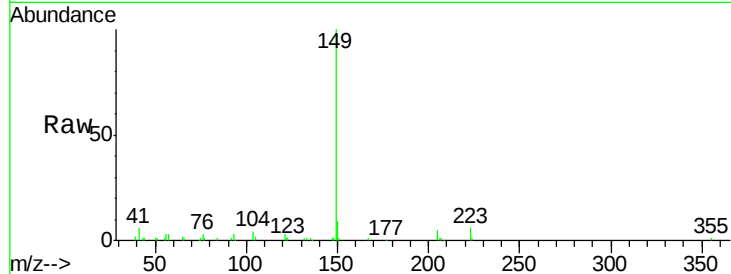
#76  
Di-n-butylphthalate  
Concen: 3.191 ng/ul  
RT: 18.65 min Scan# 2564  
Delta R.T. -0.01 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 150     | 8.7   | 7.5        | 11.3       |
| 104     | 3.7   | 4.1        | 6.1#       |

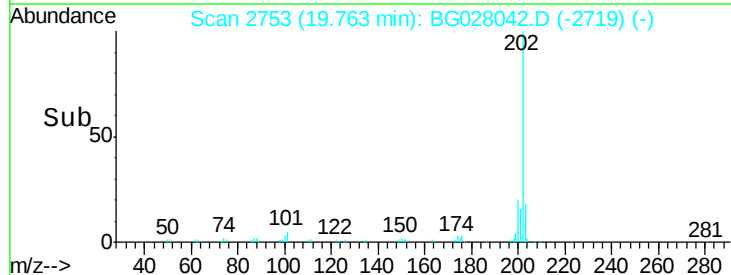
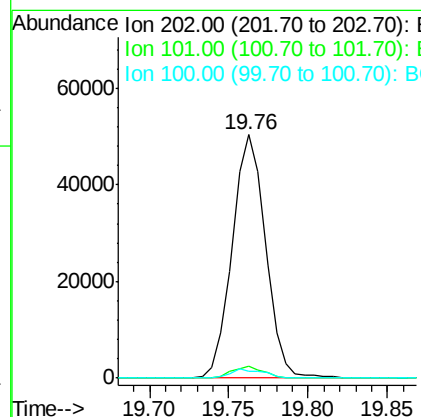
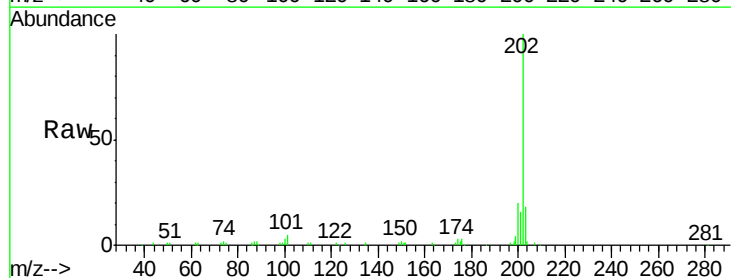
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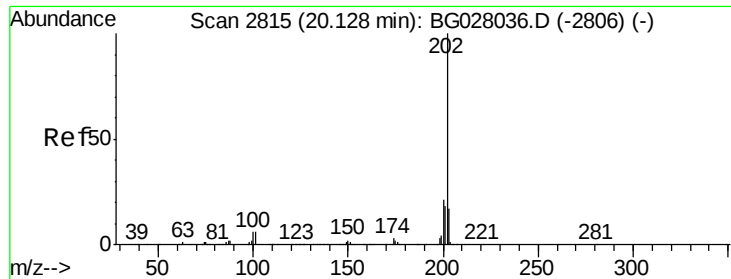
Sohil  
7/28/2017 4:46:01 PM



#77  
Fluoranthene  
Concen: 3.704 ng/ul  
RT: 19.76 min Scan# 2753  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 4.9   | 6.1        | 9.1#       |
| 100     | 2.9   | 4.6        | 7.0#       |





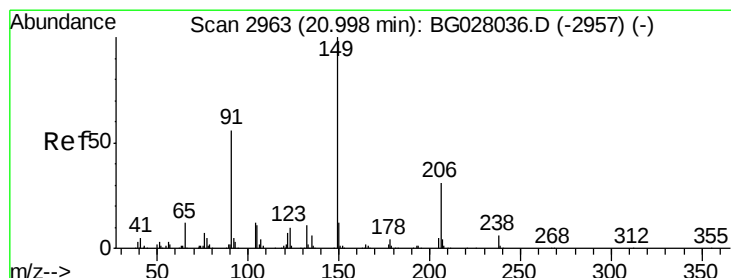
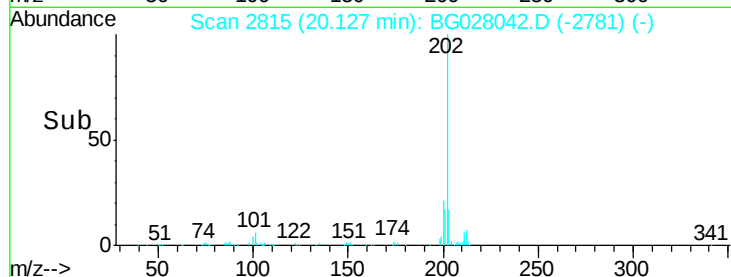
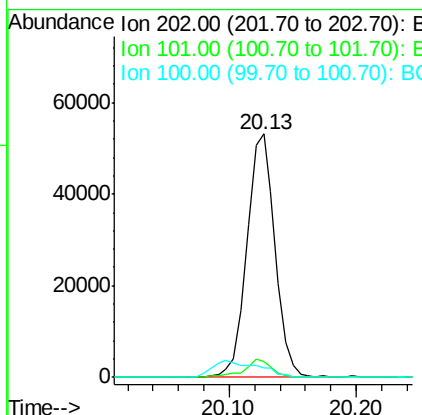
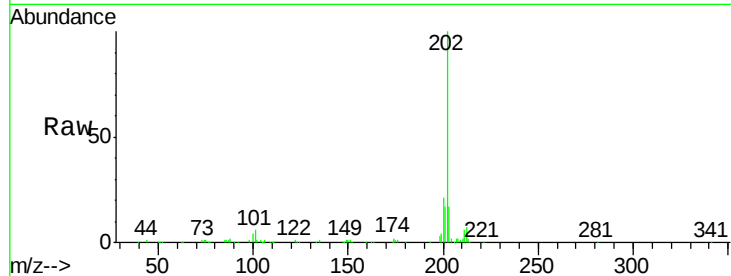
#80  
Pyrene  
Concen: 3.816 ng/ul  
RT: 20.13 min Scan# 2815  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-S-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 6.5   | 6.9        | 10.3#      |
| 100     | 4.0   | 5.6        | 8.4#       |

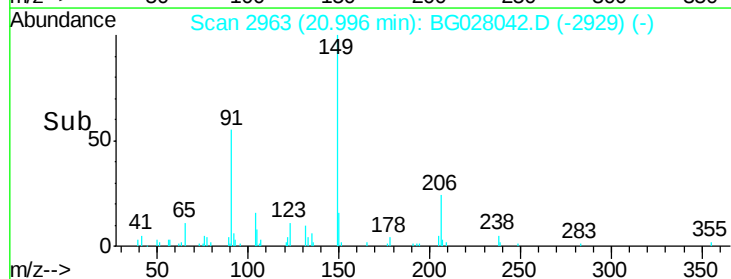
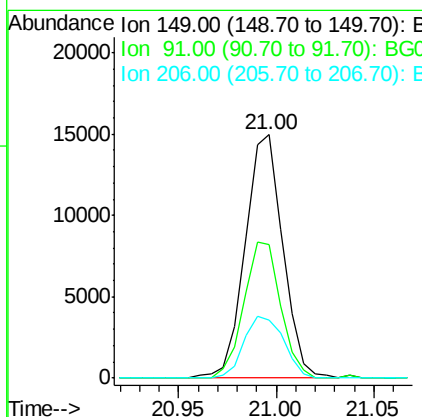
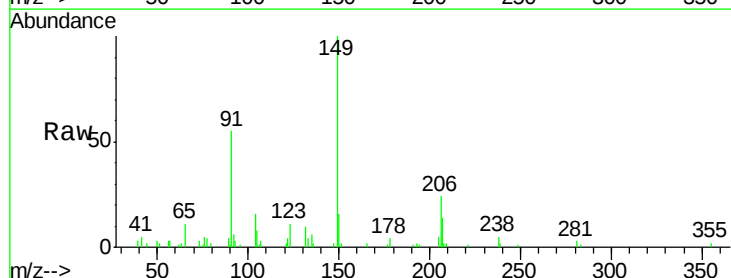
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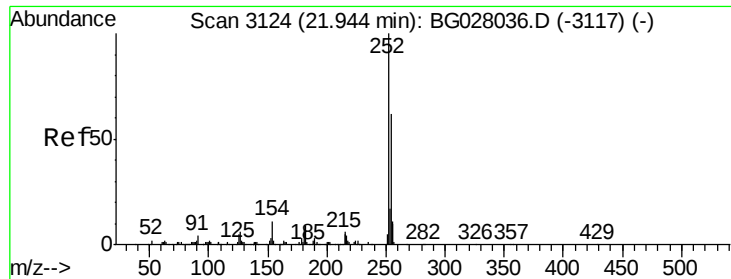
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#81  
Butylbenzylphthalate  
Concen: 3.139 ng/ul  
RT: 21.00 min Scan# 2963  
Delta R.T. -0.00 min  
Lab File: BG028042.D  
Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 55.0  | 53.4       | 80.0       |
| 206     | 23.9  | 19.3       | 28.9       |





#82

3,3'-Dichlorobenzidine

Concen: 2.978 ng/ul

RT: 21.94 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

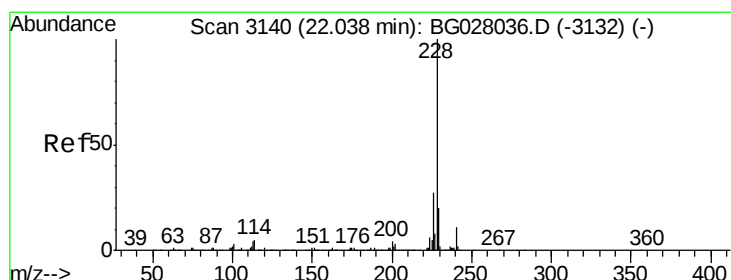
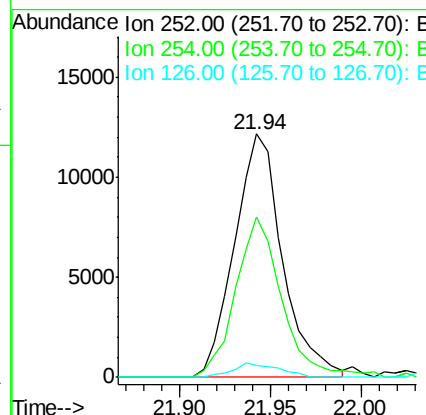
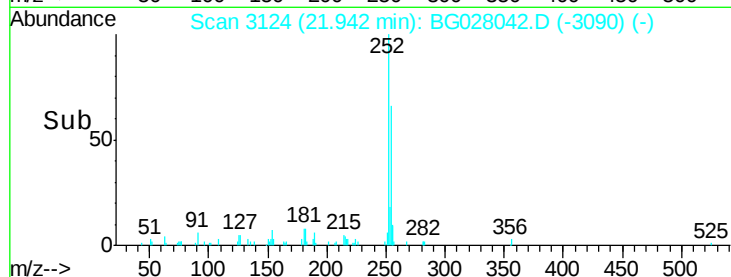
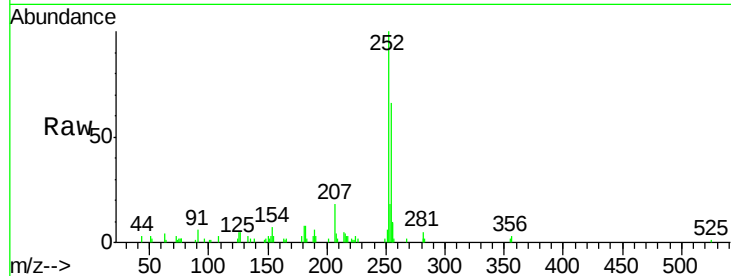
ClientSampleId :

MDL-S-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 22424 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 65.7  | 52.8  | 79.2  |
| 126       | 5.0   | 6.9   | 10.3# |

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#83

Benzo(a)anthracene

Concen: 3.557 ng/ul

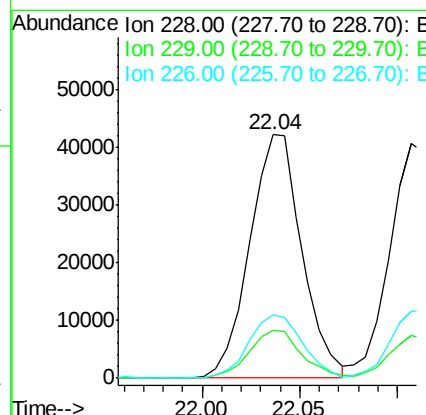
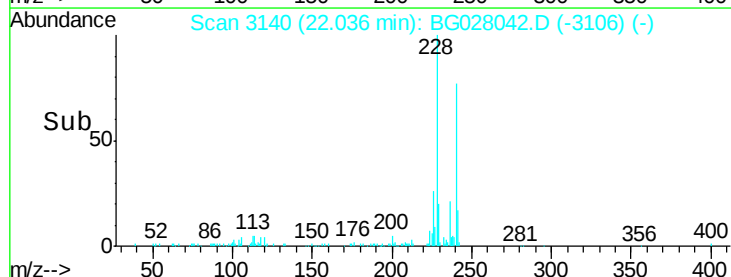
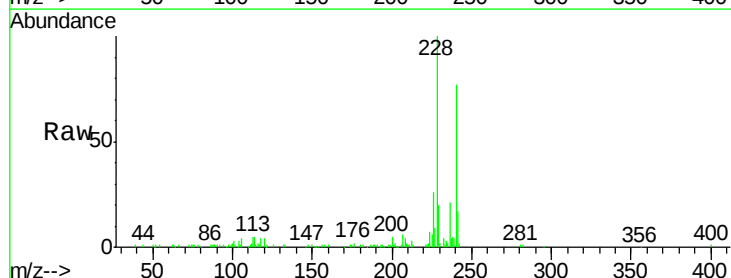
RT: 22.04 min Scan# 3140

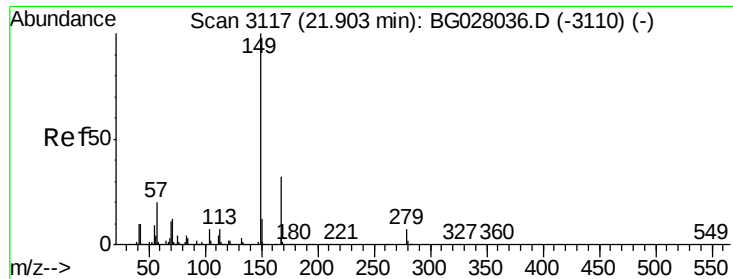
Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 77767 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 229       | 19.7  | 16.0  | 24.0  |
| 226       | 25.8  | 21.8  | 32.8  |





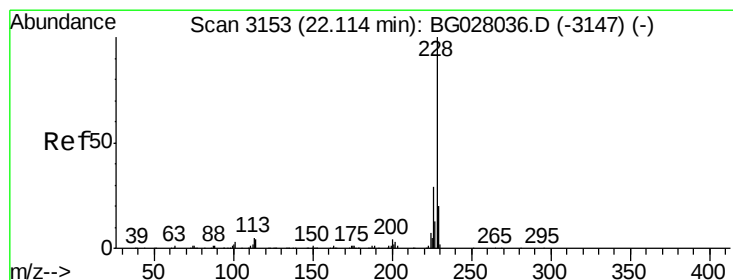
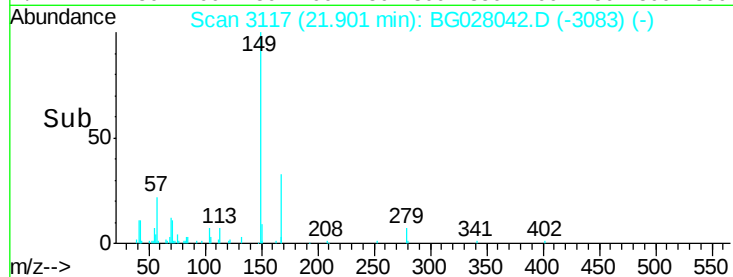
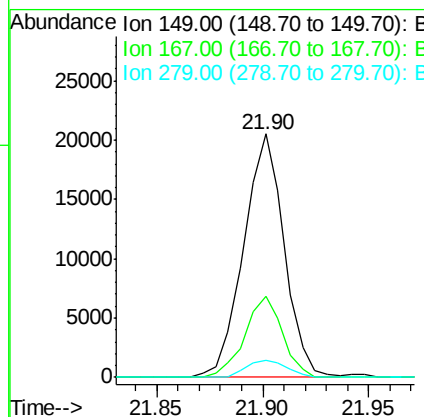
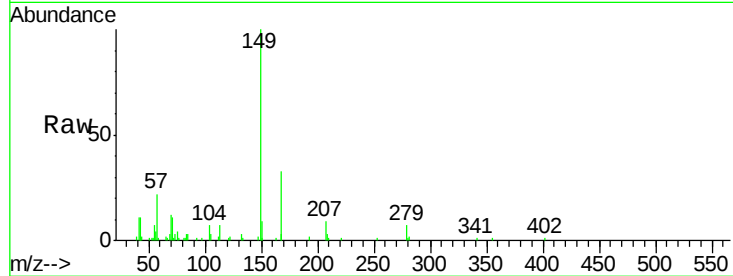
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.944 ng/ul  
 RT: 21.90 min Scan# 3117  
 Delta R.T. -0.00 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-S-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 33.4  | 23.0       | 34.6       |
| 279     | 7.1   | 4.3        | 6.5        |

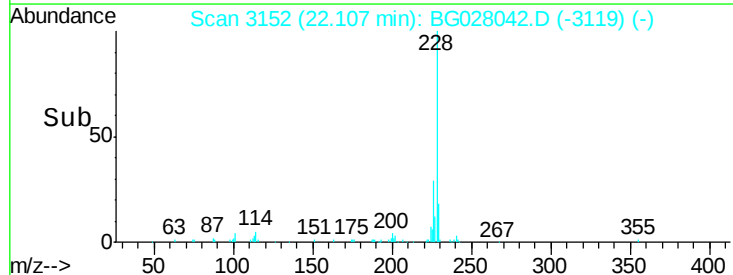
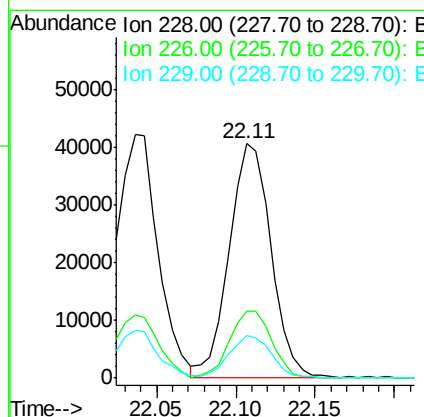
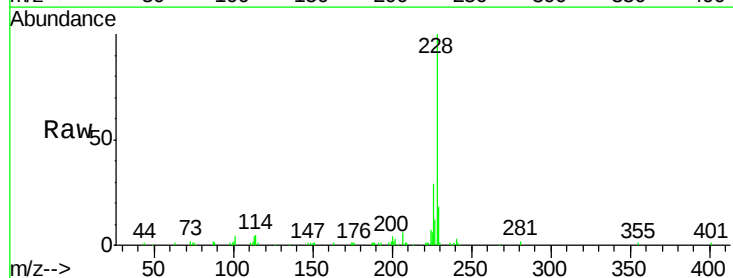
Manual Integrations  
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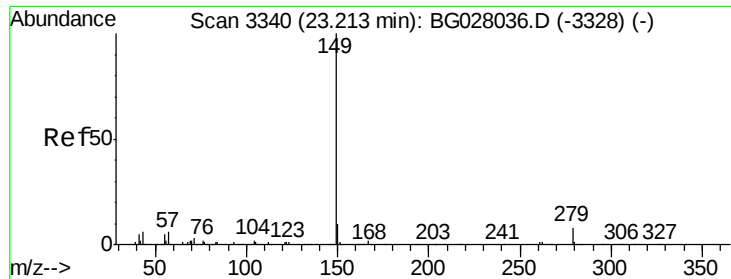
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 7/28/2017 4:46:01 PM



#85  
 Chrysene  
 Concen: 3.717 ng/ul  
 RT: 22.11 min Scan# 3152  
 Delta R.T. -0.01 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 28.5  | 24.1       | 36.1       |
| 229     | 18.1  | 16.0       | 24.0       |





#87

Di-n-octyl phthalate

Concen: 2.847 ng/ul

RT: 23.21 min Scan# 3339

Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

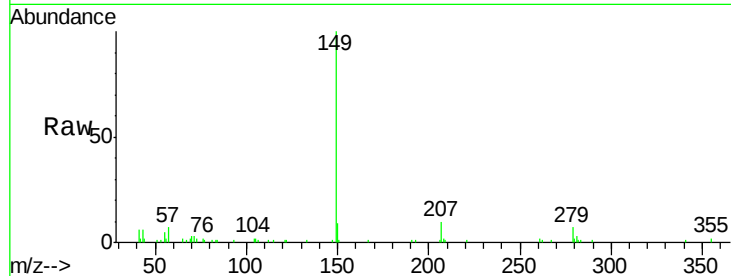
ClientSampleId :

MDL-S-05

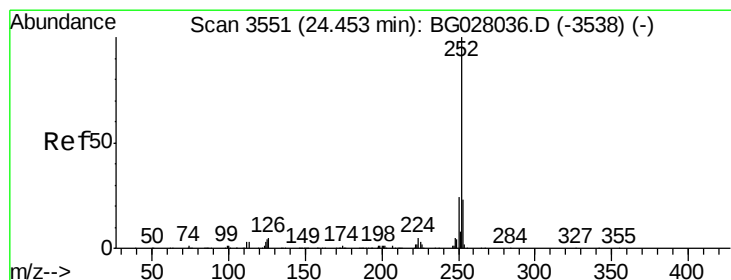
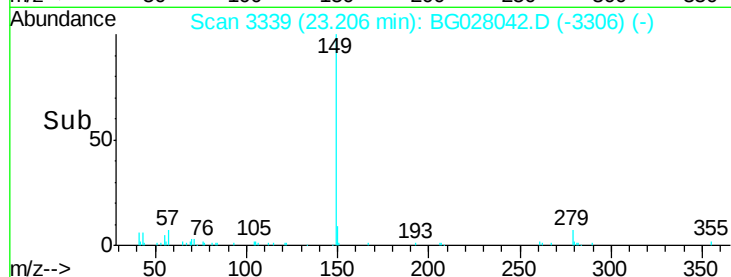
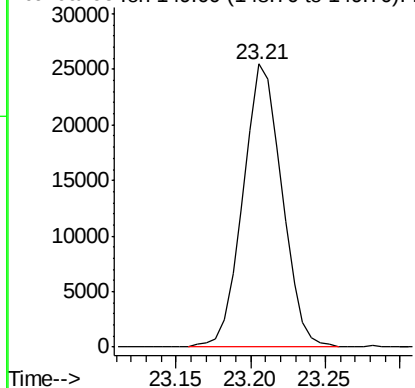
Tgt Ion:149 Resp: 46109

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.483 ng/ul m

RT: 24.45 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

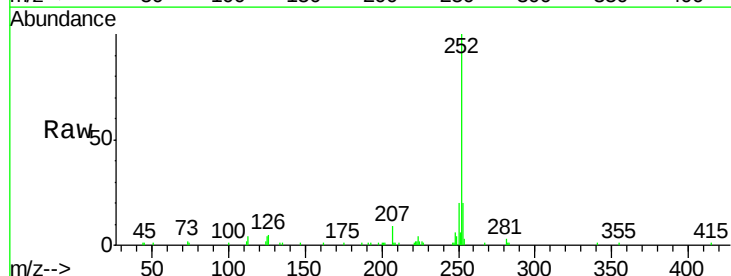
Tgt Ion:252 Resp: 79696

Ion Ratio Lower Upper

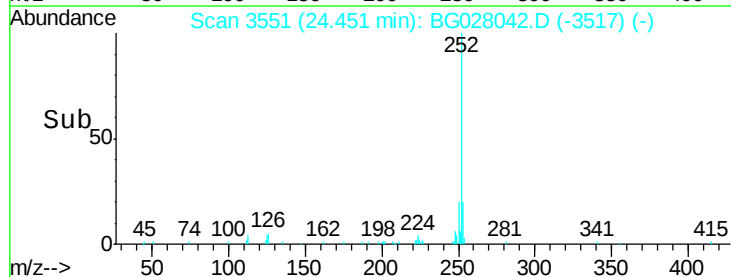
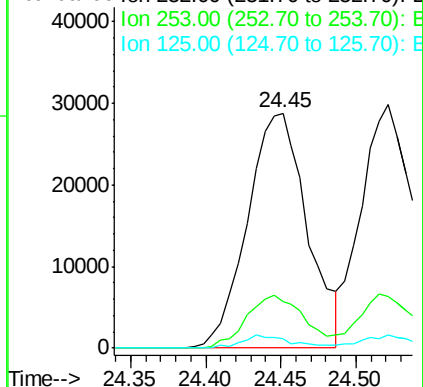
252 100

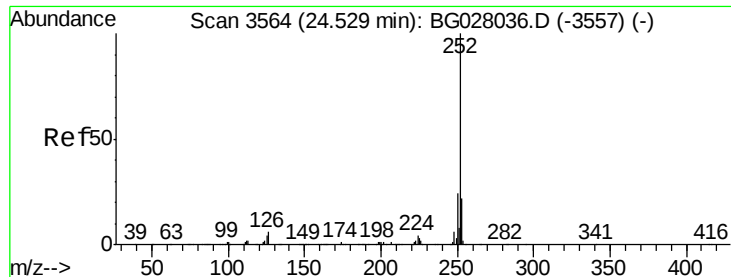
253 20.0 17.4 26.0

125 4.0 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 3.415 ng/ul

RT: 24.52 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

Instrument :

BNA\_G

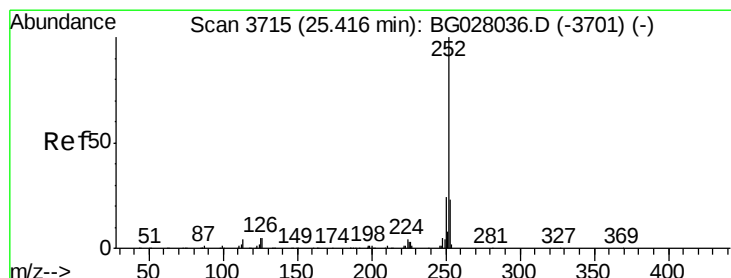
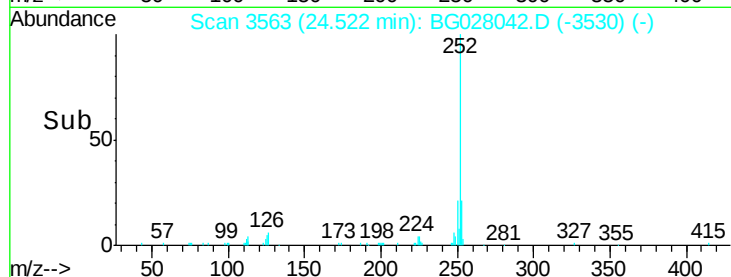
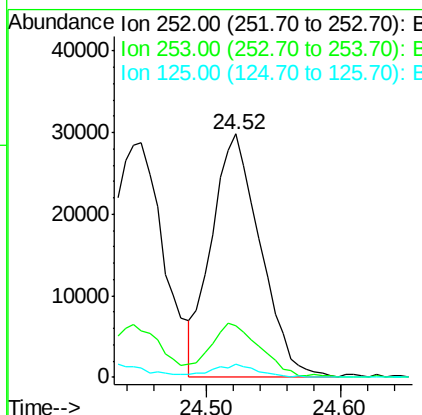
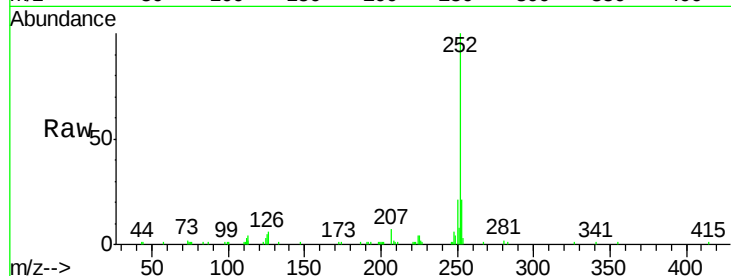
ClientSampleId :

MDL-S-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 76167 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.3  | 17.1  | 25.7  |
| 125       | 5.5   | 5.4   | 8.0   |

Manual Integrations  
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7/28/2017 4:46:01 PM



#91

Benzo(a)pyrene

Concen: 3.472 ng/ul

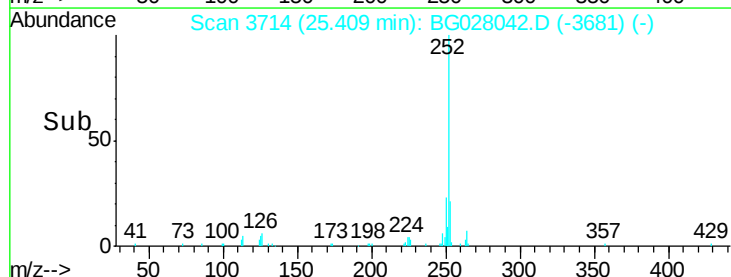
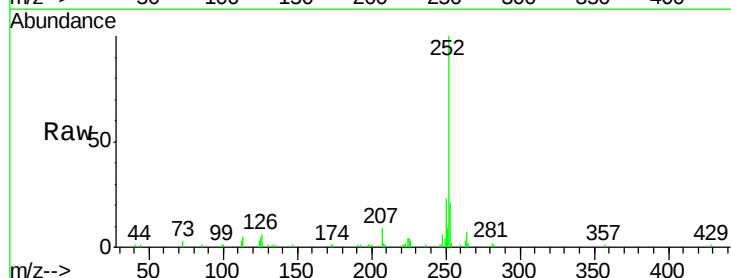
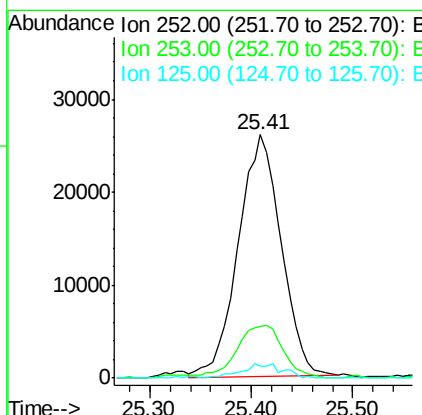
RT: 25.41 min Scan# 3714

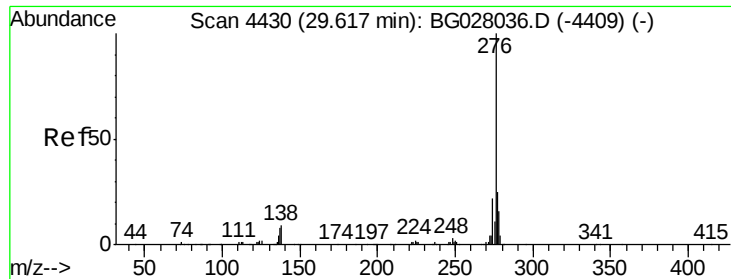
Delta R.T. -0.01 min

Lab File: BG028042.D

Acq: 28 Jul 2017 1:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 76426 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.0  | 17.2  | 25.8  |
| 125       | 5.2   | 5.8   | 8.6#  |





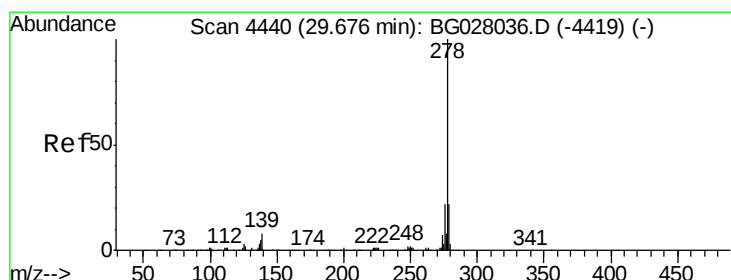
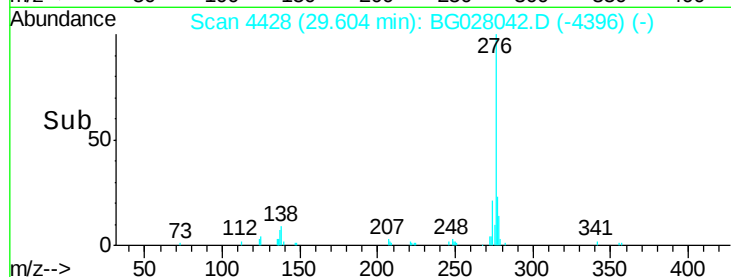
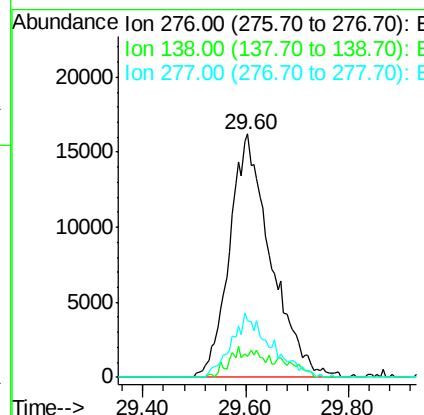
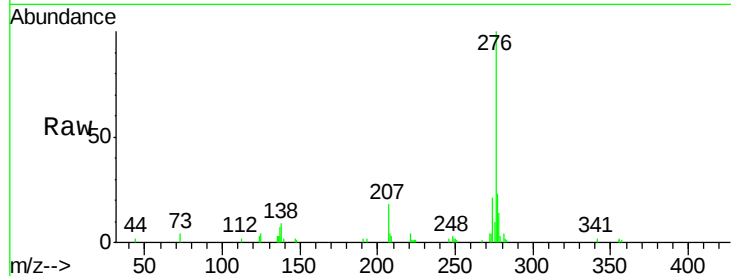
#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.392 ng/ul m  
 RT: 29.60 min Scan# 4428  
 Delta R.T. -0.01 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 8.5   | 10.9  | 16.3# |
| 277     | 23.5  | 18.9  | 28.3  |

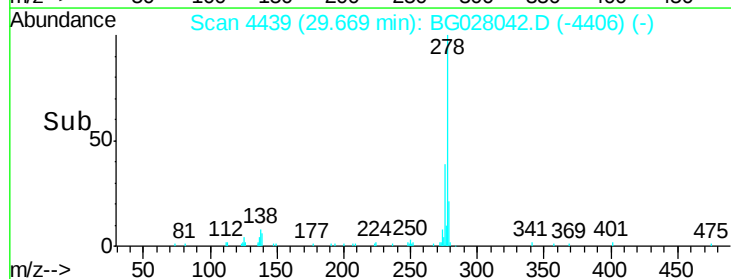
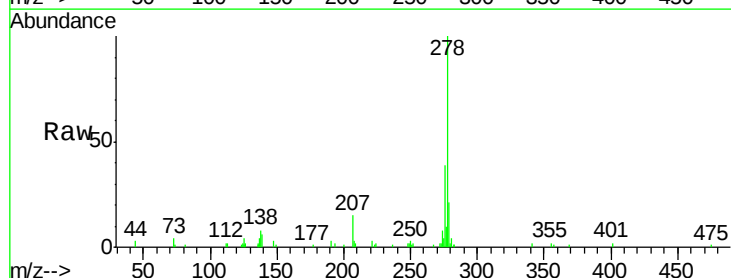
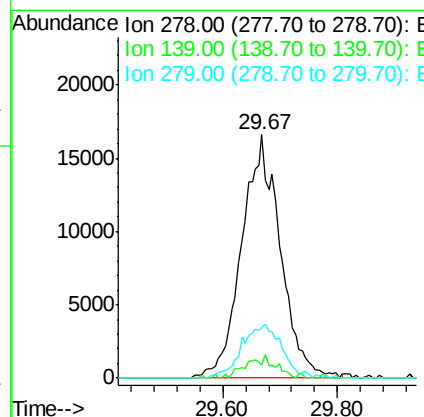
Manual Integrations  
 APPROVED

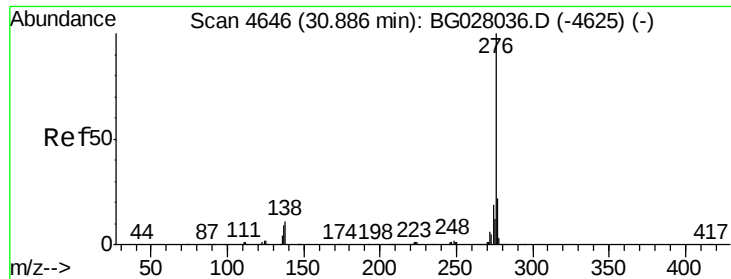
Sohil  
 7/28/2017 4:46:01 PM



#93  
 Dibenzo(a,h)anthracene  
 Concen: 3.385 ng/ul m  
 RT: 29.67 min Scan# 4439  
 Delta R.T. -0.01 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 5.6   | 9.0   | 13.4# |
| 279     | 20.9  | 19.1  | 28.7  |





#94  
 Benzo(g,h,i)perylene  
 Concen: 3.432 ng/ul  
 RT: 30.87 min Scan# 4643  
 Delta R.T. -0.02 min  
 Lab File: BG028042.D  
 Acq: 28 Jul 2017 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 13.5  | 11.2       | 16.8       |
| 277     | 22.8  | 19.0       | 28.6       |

Manual Integrations  
 APPROVED

Sohil  
 7/28/2017 4:46:01 PM

