

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG082218\  
 Data File : BG036340.D  
 Acq On : 22 Aug 2018 13:22  
 Operator : JU/SJ  
 Sample : MDL-W-07  
 Misc : 1PPM/4PPM  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 MDL-W-07

Manual Integrations  
 APPROVED

Sohil  
 8/23/2018 10:58:44 AM

Quant Time: Aug 22 14:02:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG082118MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 22 10:52:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 52835    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.88 | 136  | 224166   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.70 | 164  | 145058   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.44 | 188  | 357674   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.71 | 240  | 384809   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.94 | 264  | 374279   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 8355    | 5.89  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.22  | 99  | 152096  | 30.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.40  | 67  | 107068  | 31.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.60  | 132 | 109613  | 30.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.77  | 113 | 121283  | 32.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.24  | 128 | 52567   | 38.44 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.96  | 143 | 51869   | 37.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.49 | 165 | 113849  | 30.91 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.01 | 131 | 160389  | 39.37 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.10 | 166 | 395715  | 32.62 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.39 | 160 | 473097  | 32.35 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.86 | 143 | 60288   | 33.60 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.69 | 176 | 328626  | 31.16 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 39717   | 30.66 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.54 | 188 | 529138m | 31.71 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.82 | 212 | 626641  | 31.78 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.72 | 264 | 597567  | 29.42 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       | Qvalue |           |
|--------------------------------|-------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 2518  | 1.683  | ng/uL# 27 |
| 4) Benzaldehyde                | 7.21  | 77  | 7834  | 2.378  | ng/ul 99  |
| 6) Phenol                      | 7.24  | 94  | 18505 | 3.767  | ng/ul# 86 |
| 8) Bis(2-Chloroethyl)ether     | 7.49  | 93  | 15027 | 4.119  | ng/ul# 86 |
| 10) 2-Chlorophenol             | 7.63  | 128 | 13209 | 3.721  | ng/ul# 79 |
| 11) 2-Methylphenol             | 8.51  | 108 | 13770 | 3.679  | ng/ul 89  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.60  | 45  | 30795 | 3.834  | ng/ul# 88 |
| 14) Acetophenone               | 8.90  | 105 | 23267 | 4.045  | ng/ul# 90 |
| 15) N-Nitroso-di-n-propylamine | 8.88  | 70  | 13078 | 3.774  | ng/ul# 90 |
| 16) 4-Methylphenol             | 8.82  | 108 | 13948 | 3.562  | ng/ul 96  |
| 17) Hexachloroethane           | 9.17  | 117 | 5725  | 4.048  | ng/ul# 77 |
| 20) Nitrobenzene               | 9.28  | 77  | 17278 | 4.453  | ng/ul# 96 |
| 21) Isophorone                 | 9.80  | 82  | 35453 | 3.764  | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.98  | 139 | 6659  | 4.573  | ng/ul 100 |
| 24) 2,4-Dimethylphenol         | 10.04 | 107 | 17579 | 3.952  | ng/ul 89  |
| 25) Bis(2-Chloroethoxy)methane | 10.28 | 93  | 20281 | 3.983  | ng/ul# 93 |
| 27) 2,4-Dichlorophenol         | 10.52 | 162 | 13346 | 3.825  | ng/ul 88  |
| 28) Naphthalene                | 10.93 | 128 | 46543 | 4.051  | ng/ul 98  |
| 30) 4-Chloroaniline            | 11.03 | 127 | 16299 | 4.107  | ng/ul# 89 |
| 31) Hexachlorobutadiene        | 11.22 | 225 | 10104 | 4.057  | ng/ul# 86 |
| 32) Caprolactam                | 11.80 | 113 | 5414m | 3.750  | ng/ul     |
| 33) 4-Chloro-3-methylphenol    | 12.14 | 107 | 15307 | 3.734  | ng/ul# 94 |
| 34) 2-Methylnaphthalene        | 12.53 | 142 | 35232 | 4.109  | ng/ul 99  |

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 Sample : MDL-W-07  
 Misc : 1PPM/4PPM  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

Manual Integrations  
 APPROVED

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 8/23/2018 10:58:44 AM

Quant Time: Aug 22 14:02:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG082118MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 22 10:52:18 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.75 | 142  | 34153    | 4.084 | ng/ul  | 94       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 18843    | 3.814 | ng/ul# | 97       |
| 38) Hexachlorocyclopentadiene  | 12.88 | 237  | 9299     | 3.145 | ng/ul# | 89       |
| 39) 2,4,6-Trichlorophenol      | 13.13 | 196  | 10526    | 3.449 | ng/ul  | 91       |
| 40) 2,4,5-Trichlorophenol      | 13.20 | 196  | 11758    | 3.717 | ng/ul  | 98       |
| 41) 1,1'-Biphenyl              | 13.54 | 154  | 45329    | 3.993 | ng/ul# | 96       |
| 42) 2-Chloronaphthalene        | 13.58 | 162  | 36247    | 4.162 | ng/ul  | 94       |
| 43) 2-Nitroaniline             | 13.77 | 65   | 9162     | 4.020 | ng/ul# | 72       |
| 45) Dimethylphthalate          | 14.15 | 163  | 45486    | 3.908 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 14.27 | 165  | 6226     | 3.828 | ng/ul  | 93       |
| 48) Acenaphthylene             | 14.42 | 152  | 53809    | 3.903 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.59 | 138  | 6275     | 3.702 | ng/ul# | 92       |
| 50) Acenaphthene               | 14.76 | 153  | 38620    | 3.913 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.79 | 184  | 2357     | 2.849 | ng/ul# | 79       |
| 53) 4-Nitrophenol              | 14.88 | 109  | 6771     | 4.067 | ng/ul  | 89       |
| 54) Dibenzofuran               | 15.09 | 168  | 55385    | 4.054 | ng/ul  | 98       |
| 55) 2,4-Dinitrotoluene         | 15.05 | 165  | 8673     | 3.855 | ng/ul  | 90       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 10762    | 3.633 | ng/ul  | 98       |
| 57) Diethylphthalate           | 15.52 | 149  | 46448    | 3.932 | ng/ul  | 96       |
| 59) Fluorene                   | 15.75 | 166  | 43529    | 3.952 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.74 | 204  | 24188    | 4.031 | ng/ul  | 95       |
| 61) 4-Nitroaniline             | 15.75 | 138  | 6058     | 2.821 | ng/ul# | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 4986     | 3.726 | ng/ul# | 44       |
| 65) N-Nitrosodiphenylamine     | 15.95 | 169  | 40113    | 4.003 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.63 | 248  | 14975    | 3.785 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.75 | 284  | 15738    | 3.986 | ng/ul  | 96       |
| 68) Atrazine                   | 16.89 | 200  | 15957    | 3.861 | ng/ul  | 97       |
| 69) Pentachlorophenol          | 17.09 | 266  | 7628     | 3.186 | ng/ul  | 92       |
| 70) Phenanthrene               | 17.49 | 178  | 75781    | 4.077 | ng/ul  | 98       |
| 72) Anthracene                 | 17.57 | 178  | 75505    | 4.037 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.50 | 216  | 20772    | 3.801 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 15.01 | 250  | 18230    | 3.832 | ng/uL  | 98       |
| 75) Carbazole                  | 17.84 | 167  | 65616    | 4.173 | ng/ul  | 97       |
| 76) Di-n-butylphthalate        | 18.41 | 149  | 78637    | 3.828 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.49 | 202  | 94240    | 4.373 | ng/ul  | 97       |
| 80) Pyrene                     | 19.85 | 202  | 91445    | 3.922 | ng/ul# | 94       |
| 81) Butylbenzylphthalate       | 20.75 | 149  | 32693    | 3.444 | ng/ul# | 85       |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 23972    | 3.024 | ng/ul  | 95       |
| 83) Benzo(a)anthracene         | 21.69 | 228  | 95700    | 3.936 | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 49638    | 3.668 | ng/ul  | 99       |
| 85) Chrysene                   | 21.76 | 228  | 88340    | 3.961 | ng/ul  | 98       |
| 87) Di-n-octyl phthalate       | 22.85 | 149  | 80388    | 3.821 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 85059    | 3.838 | ng/ul# | 94       |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 87389    | 4.090 | ng/ul# | 97       |
| 91) Benzo(a)pyrene             | 24.79 | 252  | 82335    | 3.926 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.59 | 276  | 95280    | 3.815 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene     | 28.67 | 278  | 78806m   | 3.892 | ng/ul  |          |
| 94) Benzo(g,h,i)perylene       | 29.72 | 276  | 80123m   | 3.891 | ng/ul  |          |

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Sample : MDL-W-07  
Misc : 1PPM/4PPM  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

Manual Integrations  
APPROVED

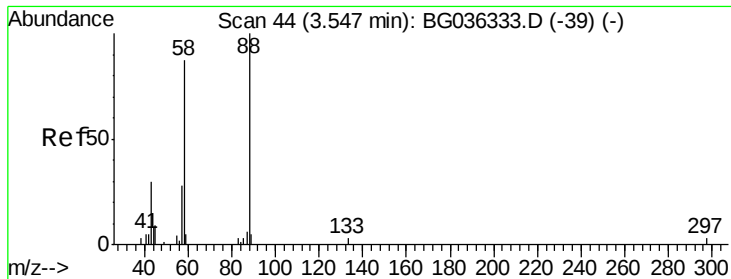
Sohil  
8/23/2018 10:58:44 AM

Quant Time: Aug 22 14:02:28 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG082118MA.M  
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QLast Update : Wed Aug 22 10:52:18 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





#2

1,4-Dioxane

Concen: 1.683 ng/uL

RT: 3.55 min Scan# 45

Delta R.T. 0.01 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

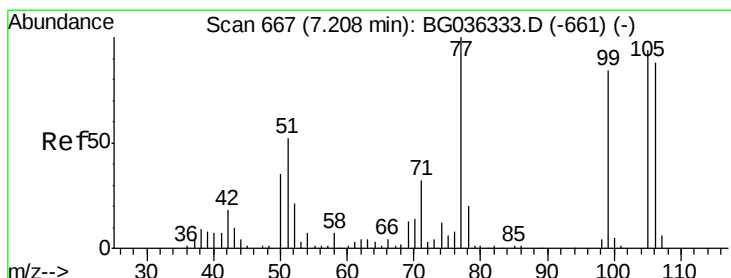
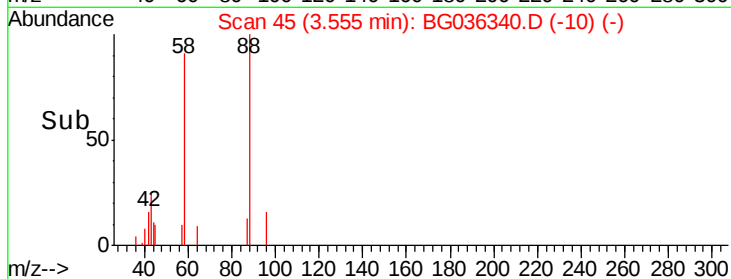
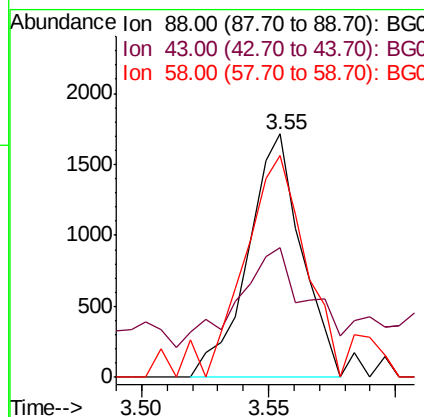
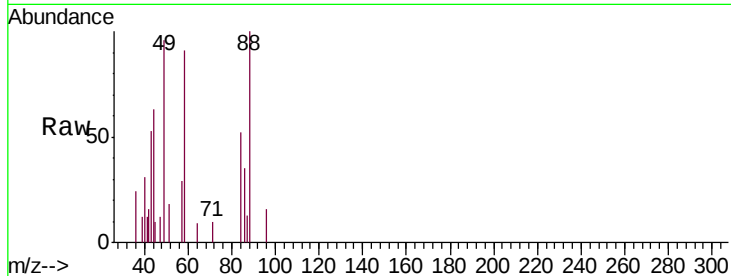
ClientSampleId :

MDL-W-07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 88    | Resp: | 2518   |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 43       | 53.2  | 156.0 | 234.0# |
| 58       | 91.1  | 116.0 | 174.0# |

Manual Integrations  
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#4

Benzaldehyde

Concen: 2.378 ng/uL

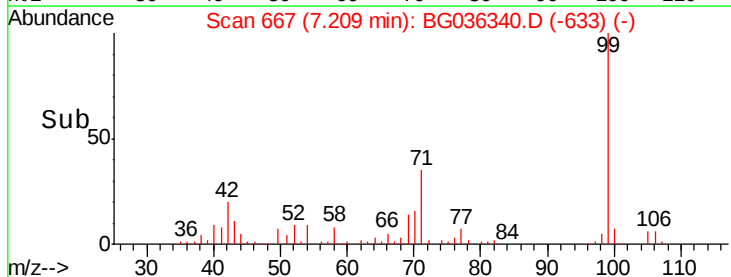
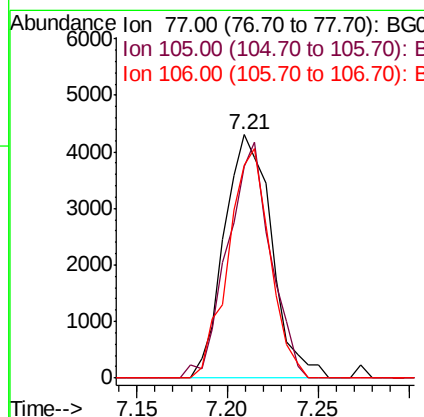
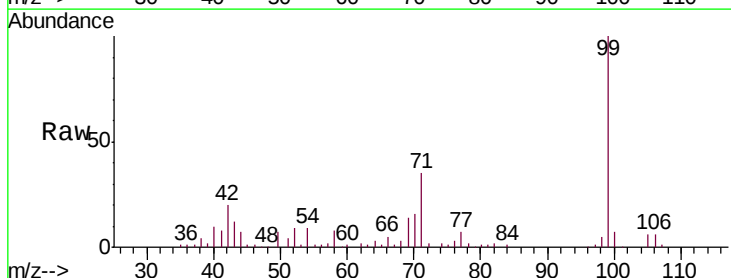
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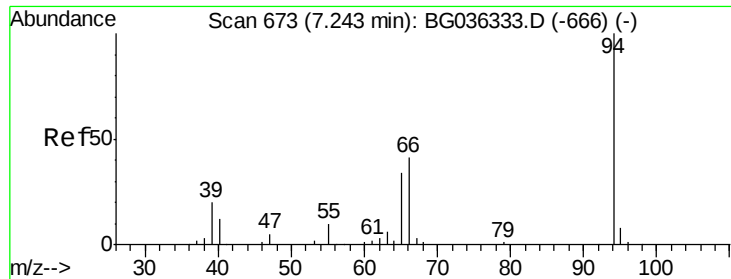
Delta R.T. 0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 7834  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 87.2  | 71.0  | 106.6 |
| 106      | 87.5  | 69.5  | 104.3 |





#6

Phenol

Concen: 3.767 ng/ul

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

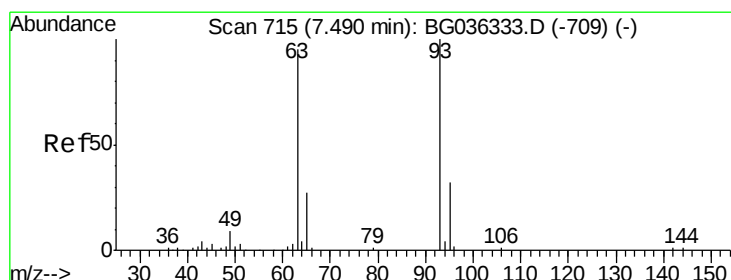
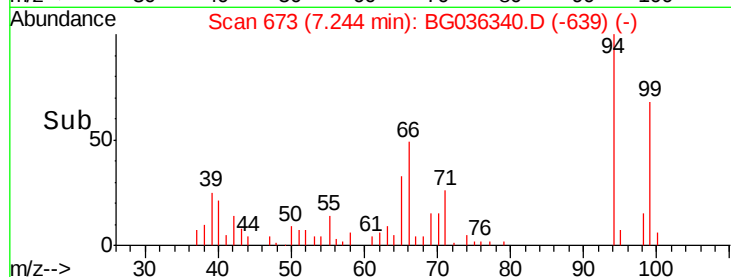
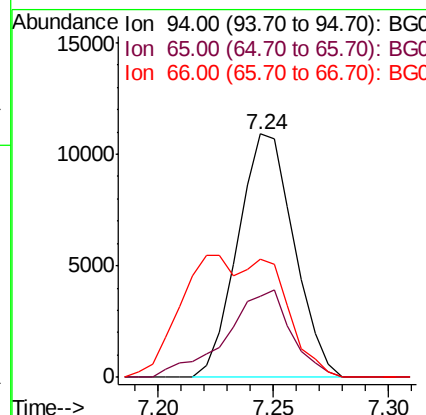
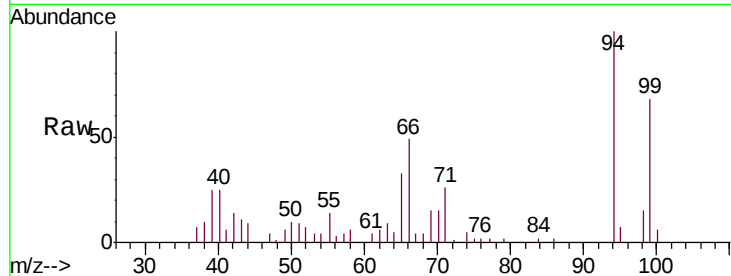
ClientSampled :

MDL-W-07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 18505 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 33.4  | 23.0  | 34.6  |
| 66       | 48.5  | 30.4  | 45.6# |

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 4.119 ng/ul

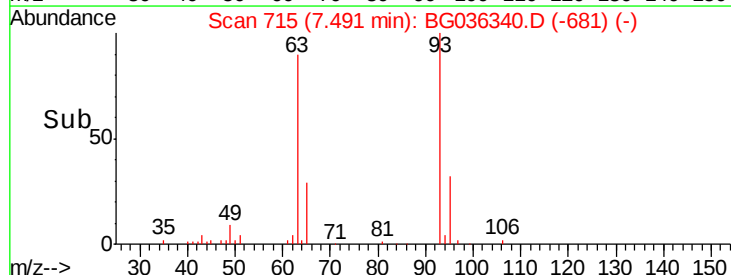
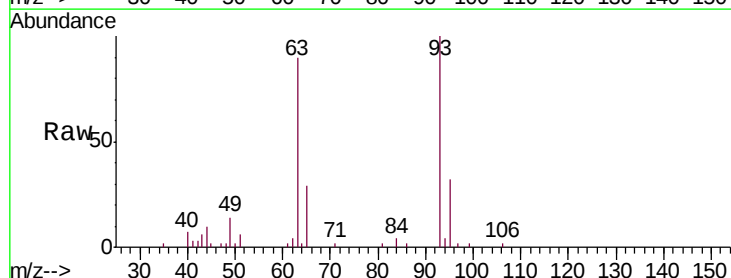
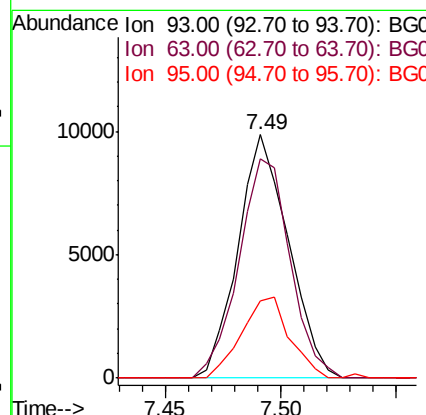
RT: 7.49 min Scan# 715

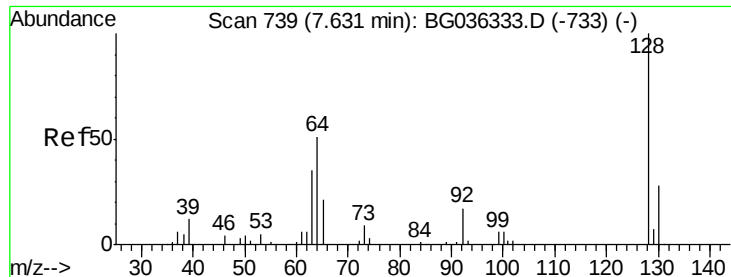
Delta R.T. 0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 15027 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 90.1  | 59.4  | 89.2# |
| 95       | 31.7  | 26.4  | 39.6  |





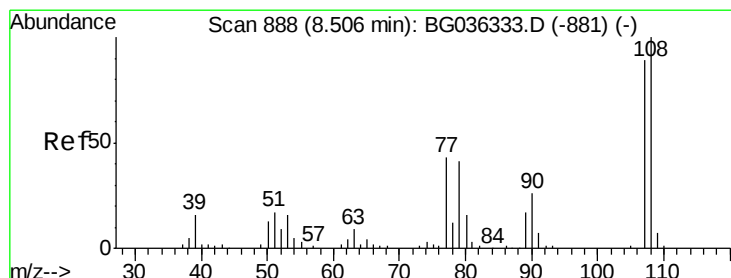
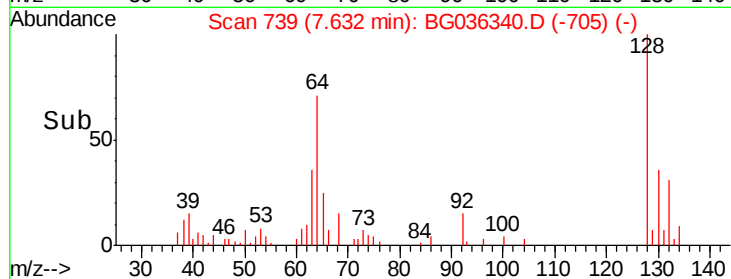
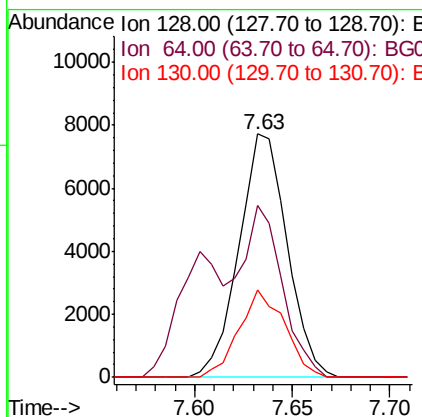
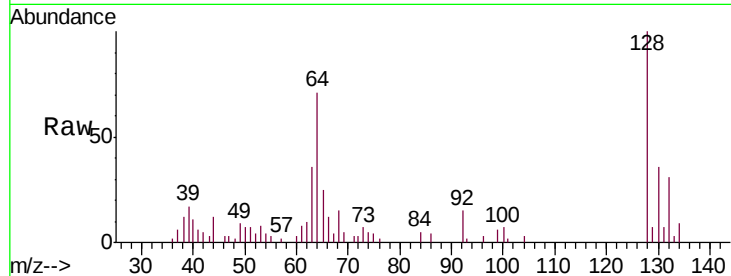
#10  
2-Chlorophenol  
Concen: 3.721 ng/ul  
RT: 7.63 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampled :  
MDL-W-07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 70.7  | 39.8  | 59.6  |
| 130     | 35.8  | 25.8  | 38.8  |

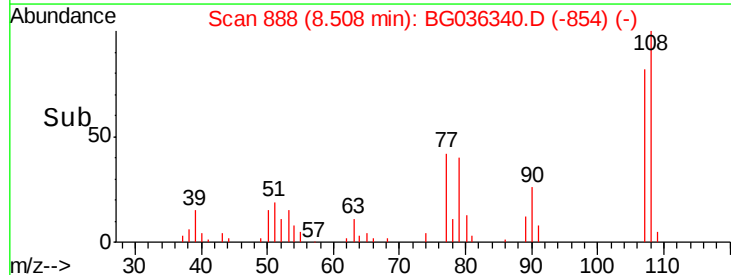
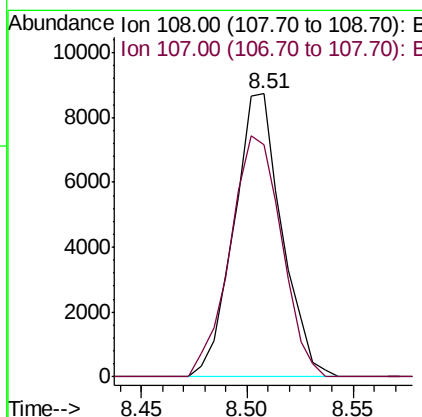
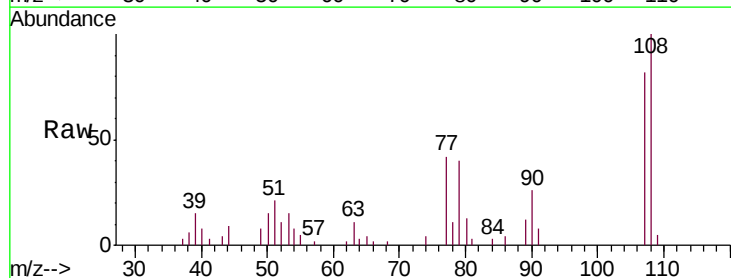
Manual Integrations  
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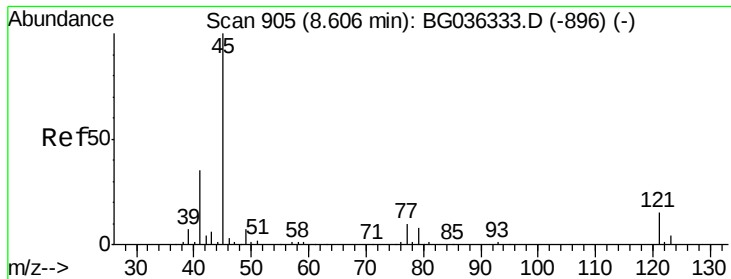
Sohil  
8/23/2018 10:58:44 AM



#11  
2-Methylphenol  
Concen: 3.679 ng/ul  
RT: 8.51 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 82.0  | 74.1  | 111.1 |





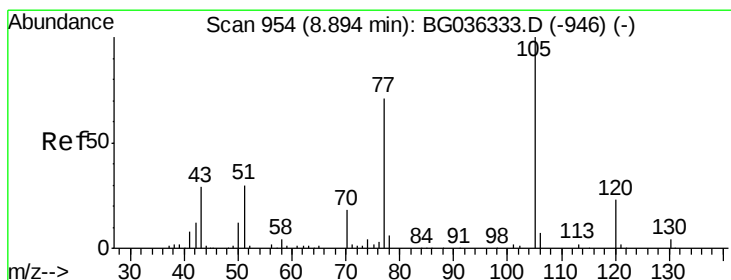
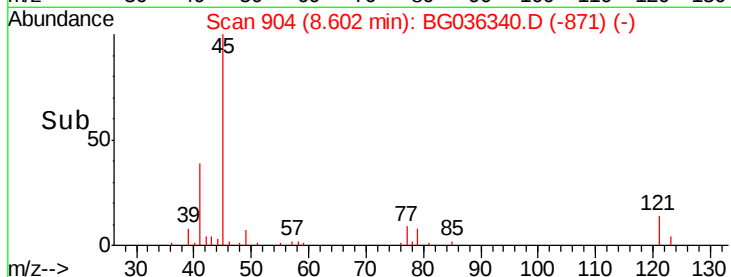
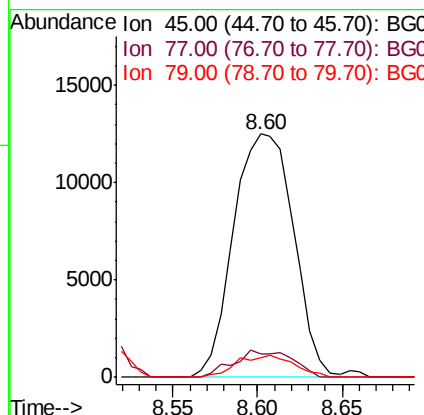
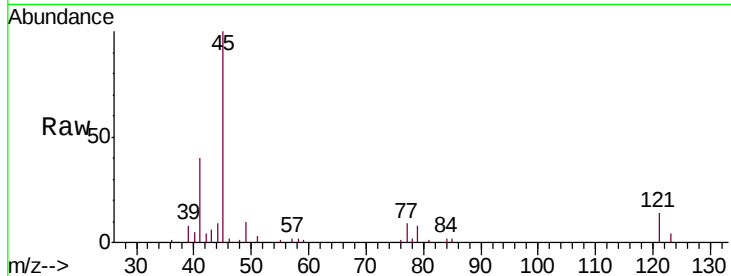
#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.834 ng/ul  
RT: 8.60 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

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

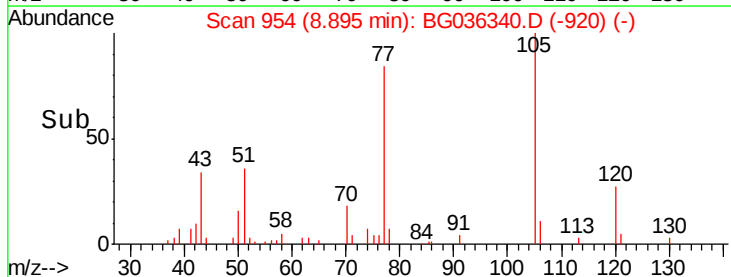
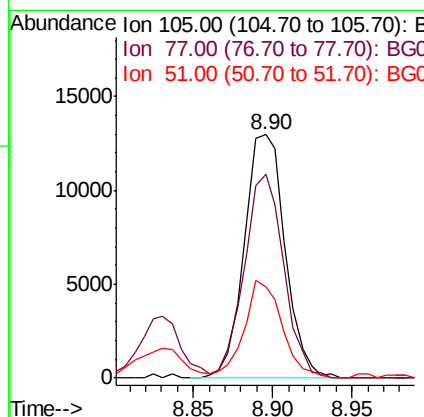
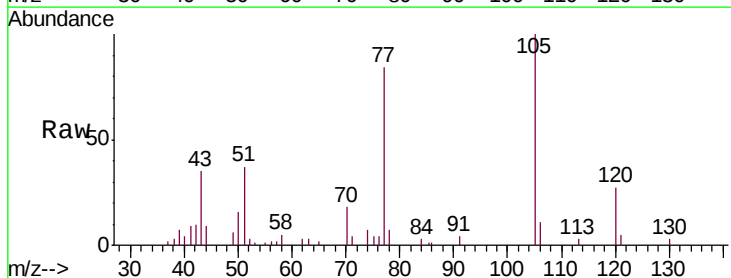
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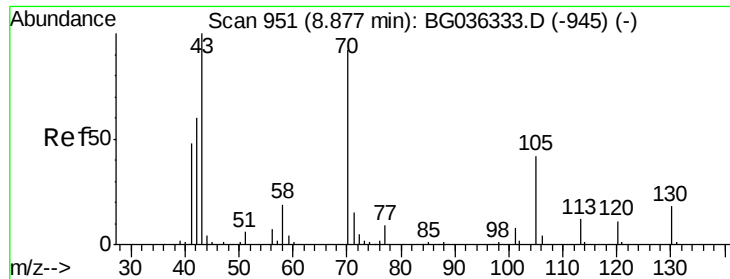
Sohil  
8/23/2018 10:58:44 AM



#14  
Acetophenone  
Concen: 4.045 ng/ul  
RT: 8.90 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 77      | 83.6  | 63.2       | 94.8  |
| 51      | 37.2  | 19.8       | 29.8# |





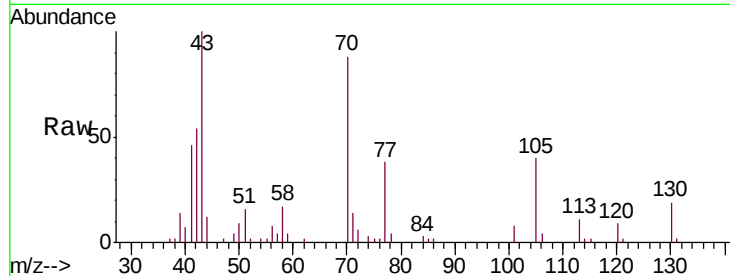
#15  
N-Nitroso-di-n-propylamine  
Concen: 3.774 ng/ul  
RT: 8.88 min Scan# 951  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

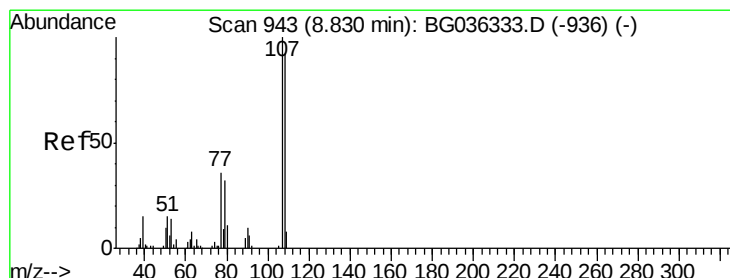
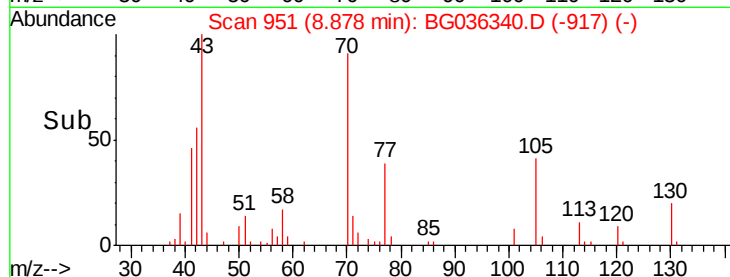
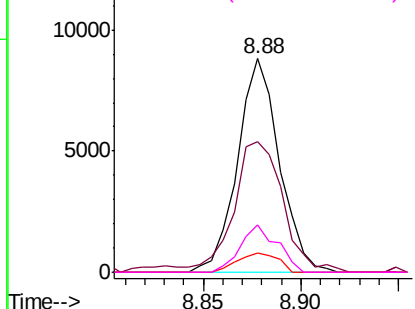
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 13078 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 61.3  | 40.2  | 60.4# |
| 101       | 8.8   | 7.7   | 11.5  |
| 130       | 21.9  | 17.8  | 26.6  |

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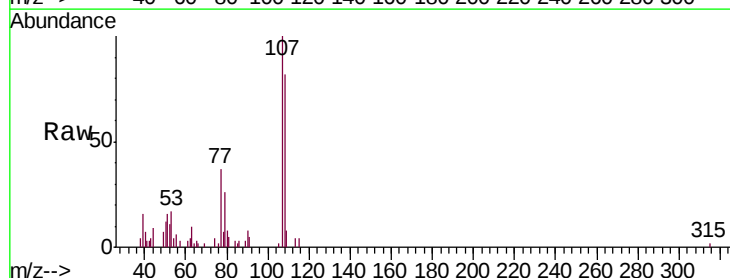


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

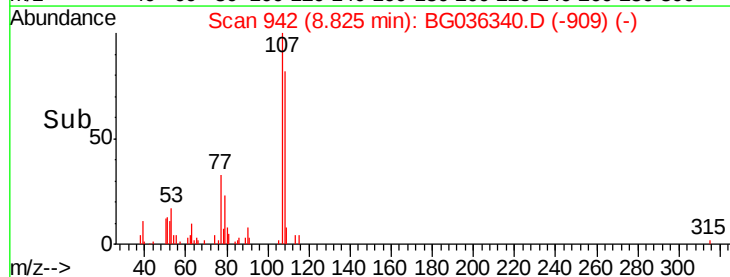
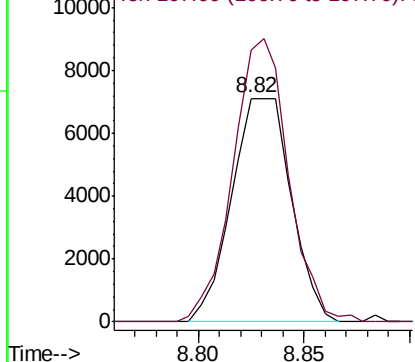


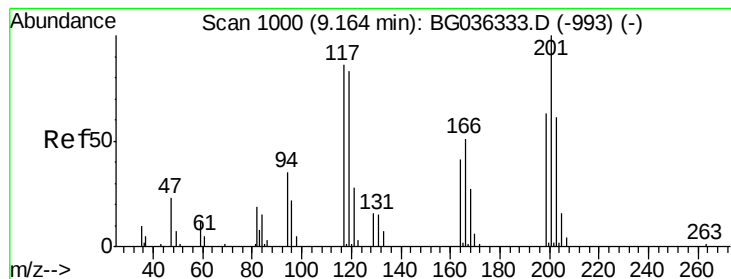
#16  
4-Methylphenol  
Concen: 3.562 ng/ul  
RT: 8.82 min Scan# 942  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 108   | Resp: | 13948 |
| Ion Ratio | Lower | Upper |       |
| 108       | 100   |       |       |
| 107       | 121.8 | 93.6  | 140.4 |



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E





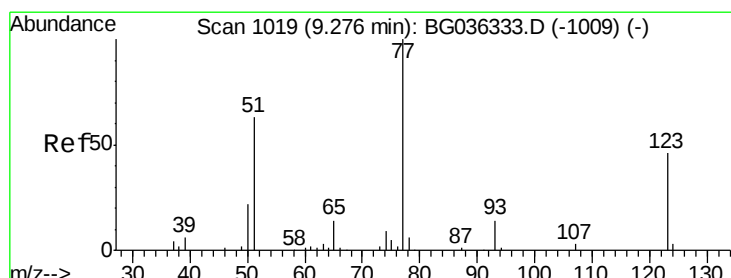
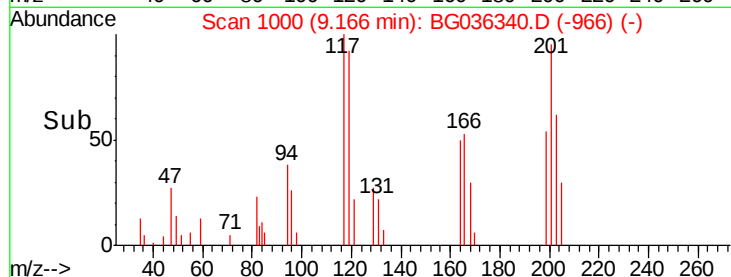
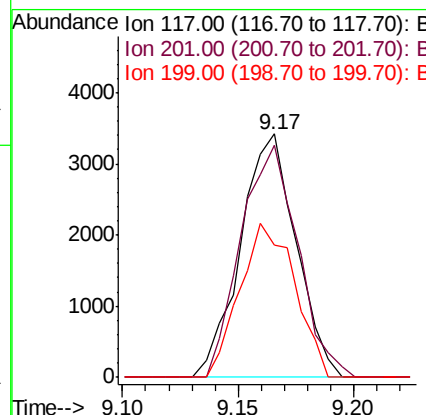
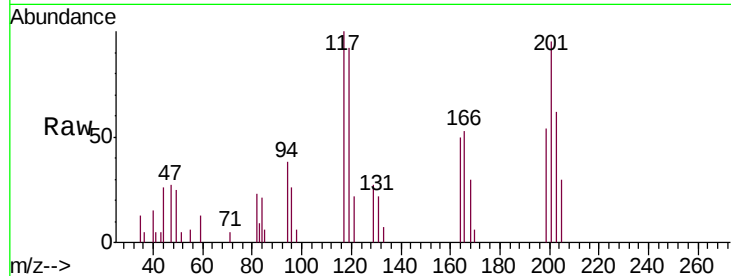
#17  
 Hexachloroethane  
 Concen: 4.048 ng/ul  
 RT: 9.17 min Scan# 1000  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 5725   |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 95.3  | 96.1  | 144.1# |
| 199       | 54.4  | 59.7  | 89.5#  |

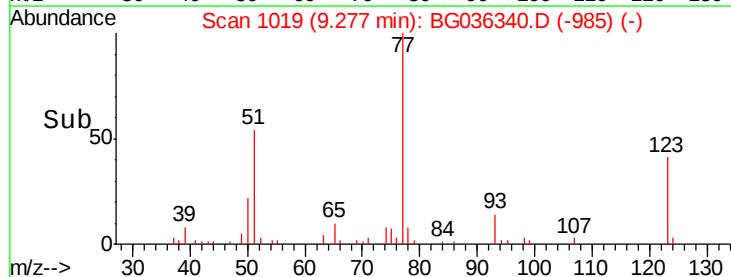
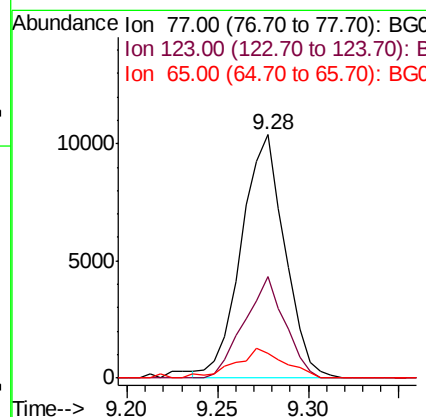
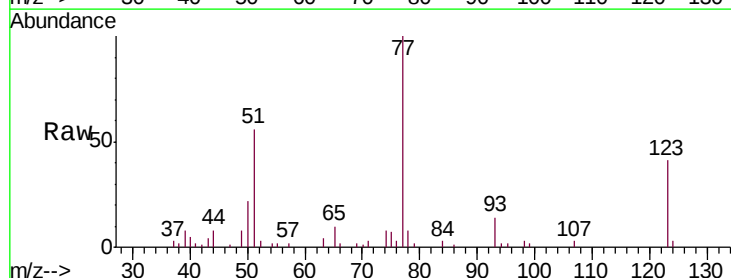
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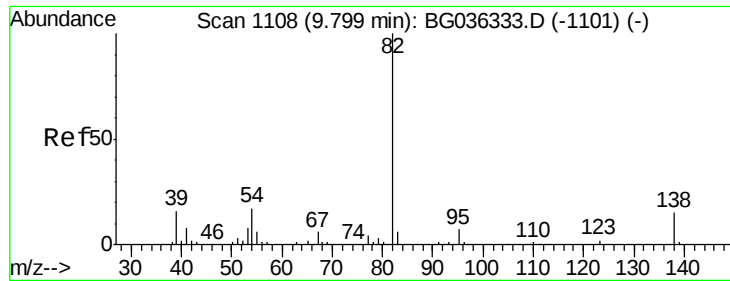
Sohil  
 8/23/2018 10:58:44 AM



#20  
 Nitrobenzene  
 Concen: 4.453 ng/ul  
 RT: 9.28 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 17278 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 41.5  | 31.8  | 47.8  |
| 65        | 10.4  | 10.6  | 16.0# |





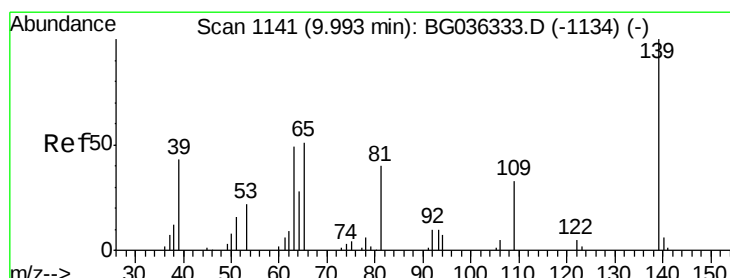
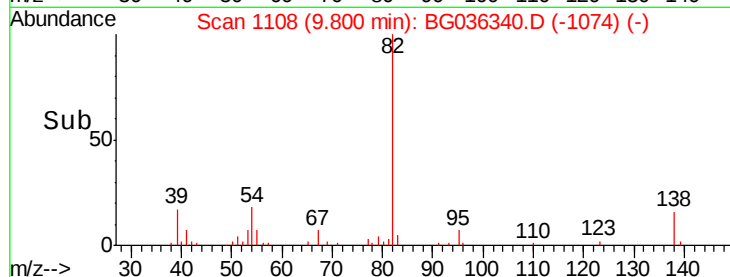
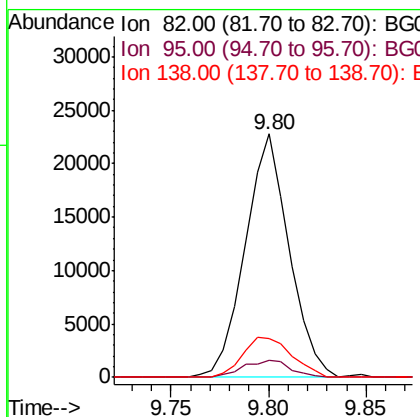
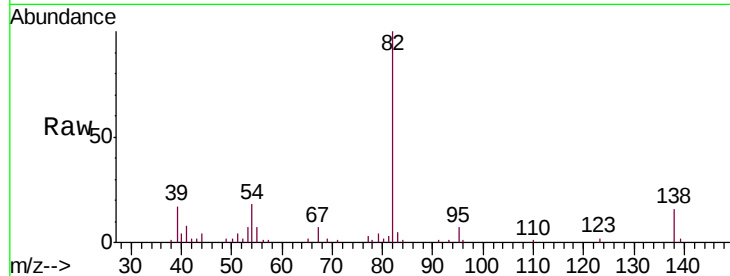
#21  
Isophorone  
Concen: 3.764 ng/ul  
RT: 9.80 min Scan# 1108  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 35453 |       |       |
| 95      | 7.2   | 6.1   | 9.1   |       |
| 138     | 16.1  | 13.5  | 20.3  |       |

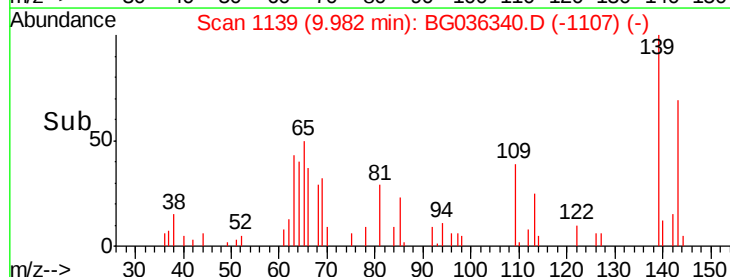
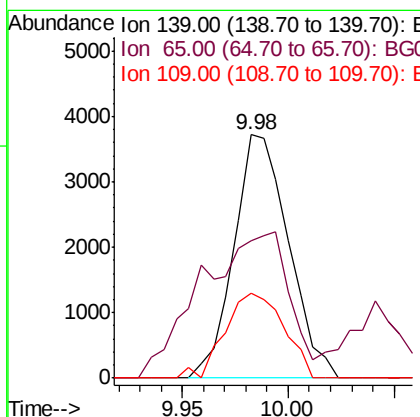
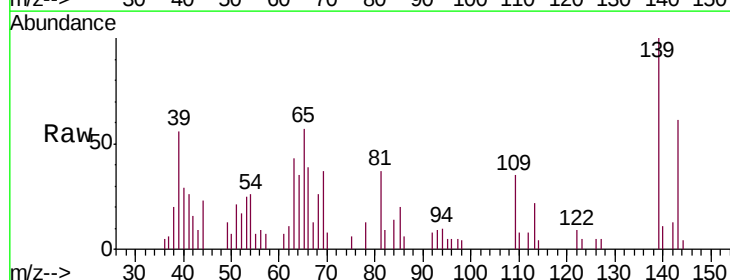
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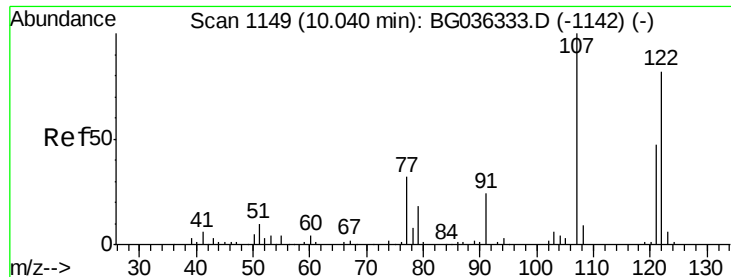
Sohil  
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#23  
2-Nitrophenol  
Concen: 4.573 ng/ul  
RT: 9.98 min Scan# 1139  
Delta R.T. -0.01 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   | 6659 |       |       |
| 65      | 56.7  | 45.3 | 67.9  |       |
| 109     | 34.7  | 27.7 | 41.5  |       |





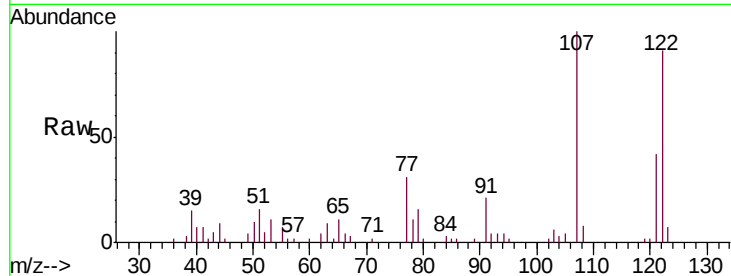
#24  
 2,4-Dimethylphenol  
 Concen: 3.952 ng/ul  
 RT: 10.04 min Scan# 1149  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-W-07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 17579 |       |       |
| 121     | 42.0  |       | 38.1  | 57.1  |
| 122     | 90.5  |       | 63.8  | 95.8  |

Manual Integrations  
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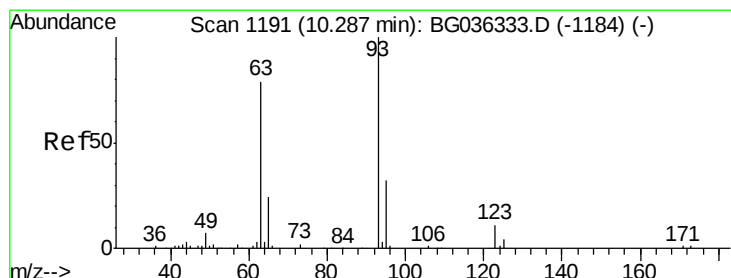
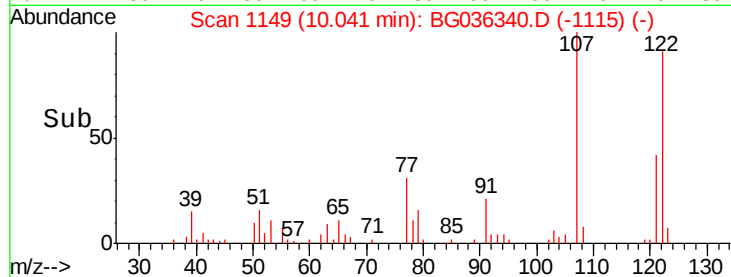
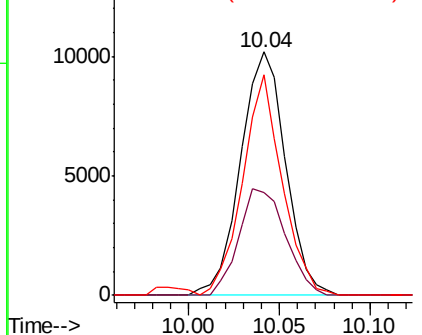


Abundance

Ion 107.00 (106.70 to 107.70): E

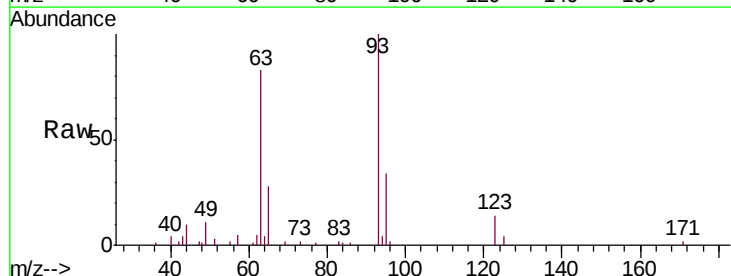
Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 3.983 ng/ul  
 RT: 10.28 min Scan# 1190  
 Delta R.T. -0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 20281 |       |       |
| 95      | 34.2  |       | 24.7  | 37.1  |
| 123     | 13.5  |       | 8.2   | 12.2# |

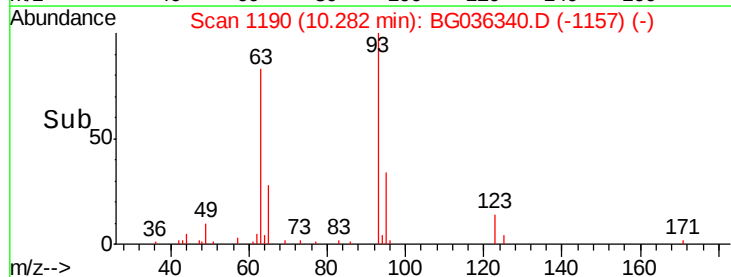
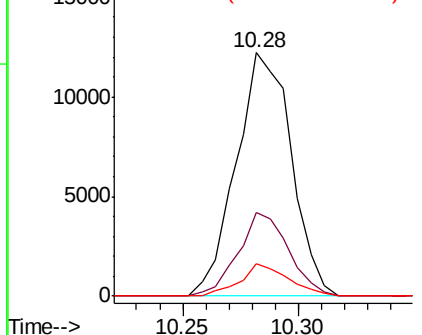


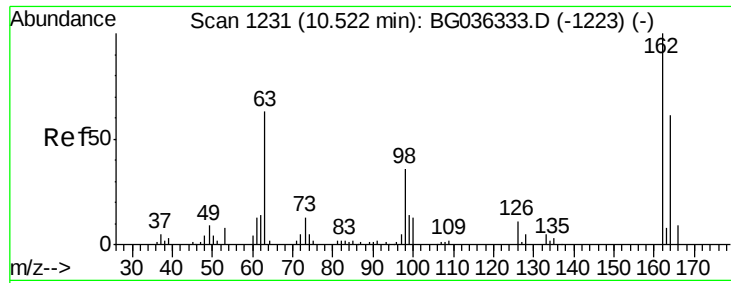
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





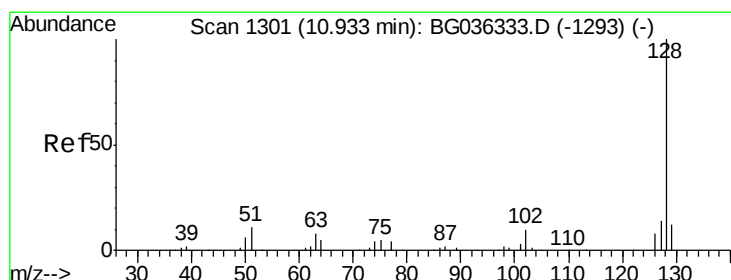
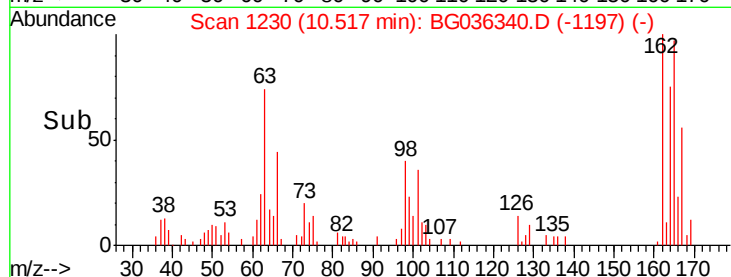
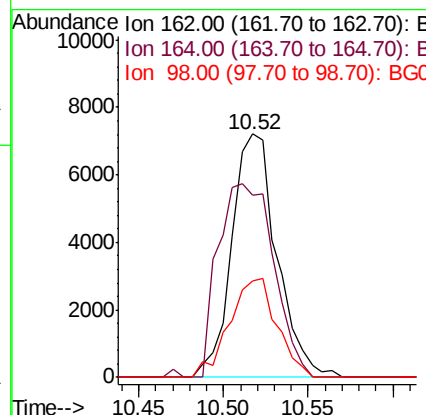
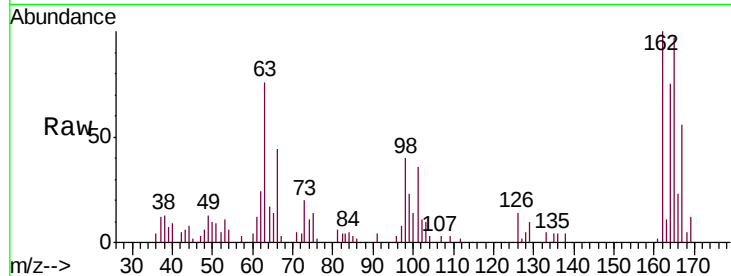
#27  
 2,4-Dichlorophenol  
 Concen: 3.825 ng/ul  
 RT: 10.52 min Scan# 1230  
 Delta R.T. -0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleID :  
 MDL-W-07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 13346 |       |       |
| 164     | 74.8  | 52.0  | 78.0  |       |
| 98      | 39.6  | 26.6  | 39.8  |       |

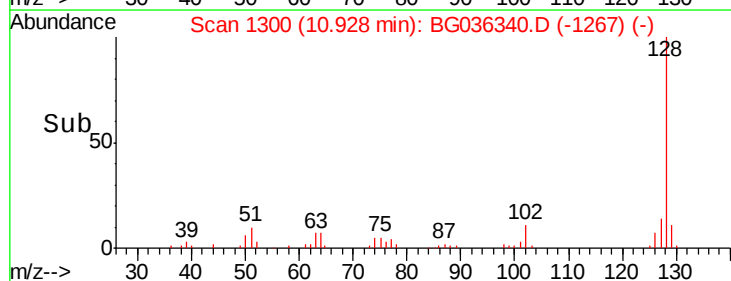
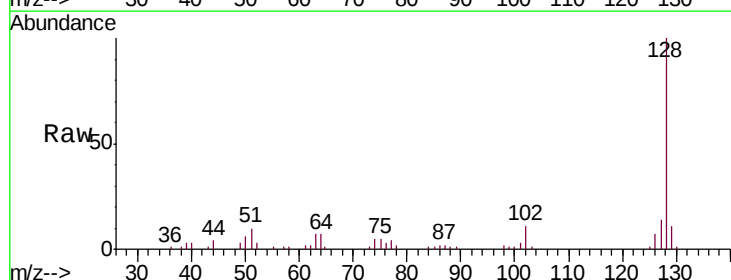
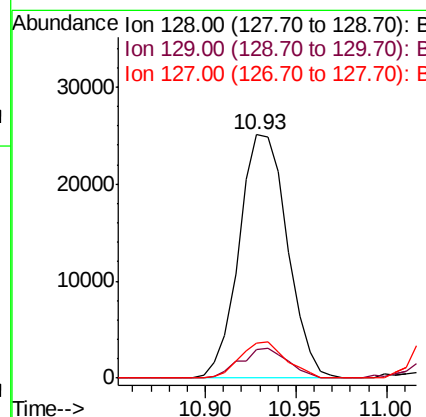
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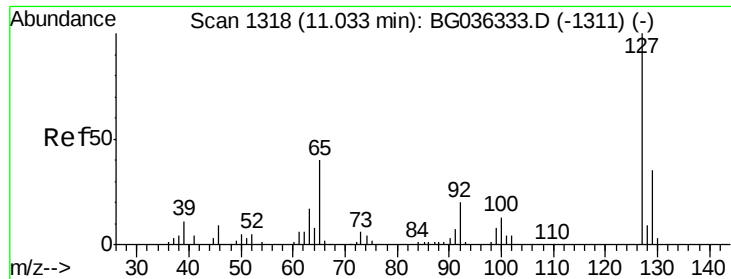
Sohil  
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#28  
 Naphthalene  
 Concen: 4.051 ng/ul  
 RT: 10.93 min Scan# 1300  
 Delta R.T. -0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 46543 |       |       |
| 129     | 11.5  | 8.3   | 12.5  |       |
| 127     | 14.1  | 10.8  | 16.2  |       |





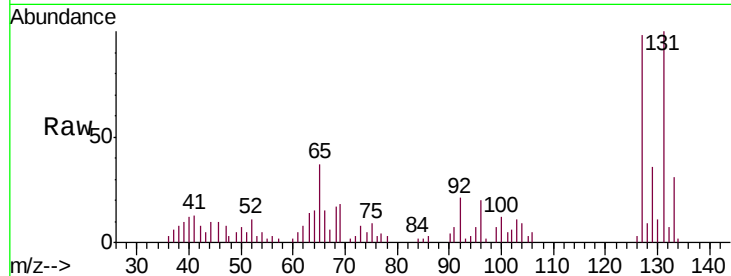
#30  
 4-Chloroaniline  
 Concen: 4.107 ng/ul  
 RT: 11.03 min Scan# 1318  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

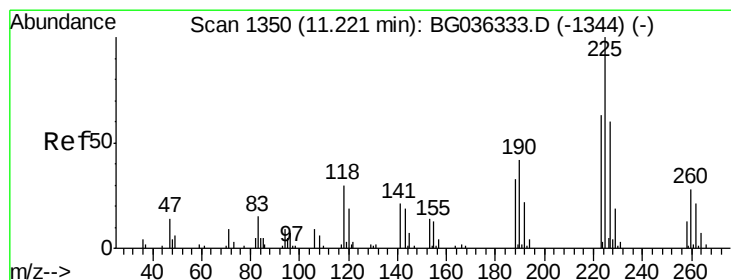
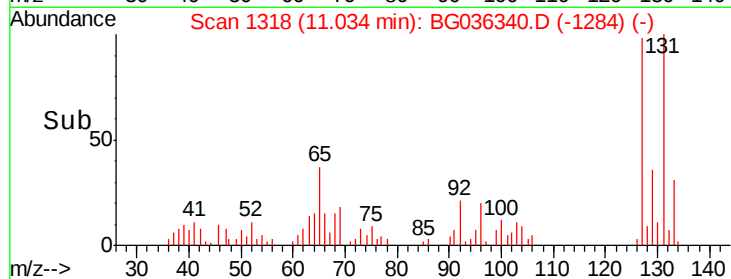
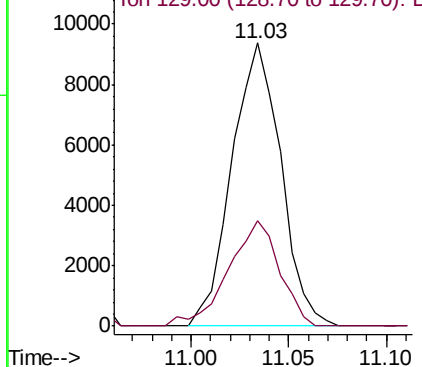
Tgt Ion:127 Resp: 16299  
 Ion Ratio Lower Upper  
 127 100  
 129 37.1 24.6 37.0#

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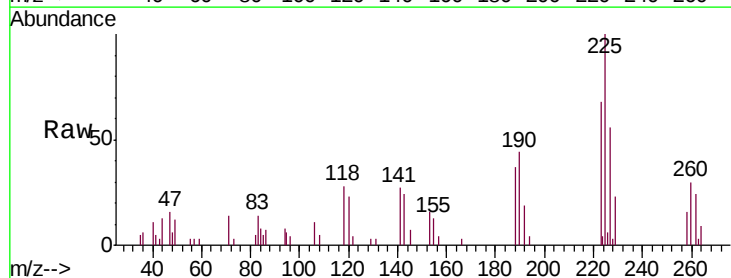


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E

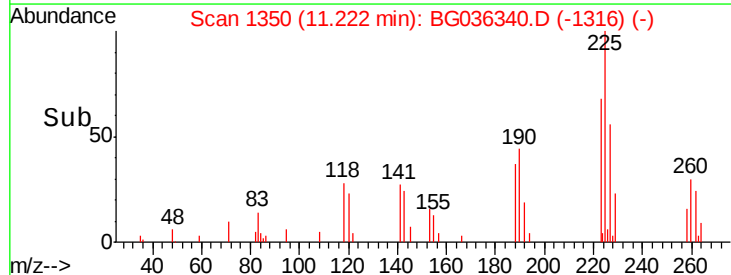
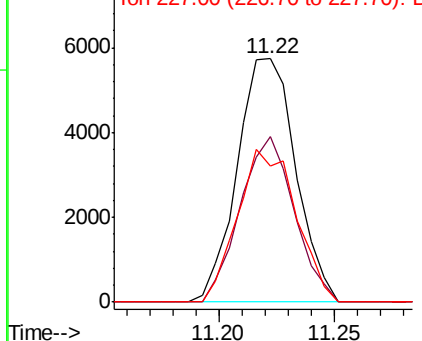


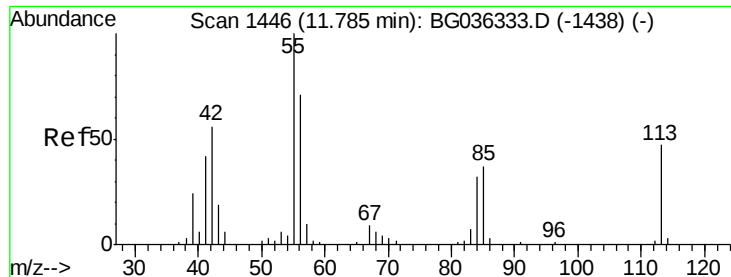
#31  
 Hexachlorobutadiene  
 Concen: 4.057 ng/ul  
 RT: 11.22 min Scan# 1350  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Tgt Ion:225 Resp: 10104  
 Ion Ratio Lower Upper  
 225 100  
 223 72.3 48.1 72.1#  
 227 55.8 52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E  
 Ion 223.00 (222.70 to 223.70): E  
 Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 3.750 ng/ul m

RT: 11.80 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

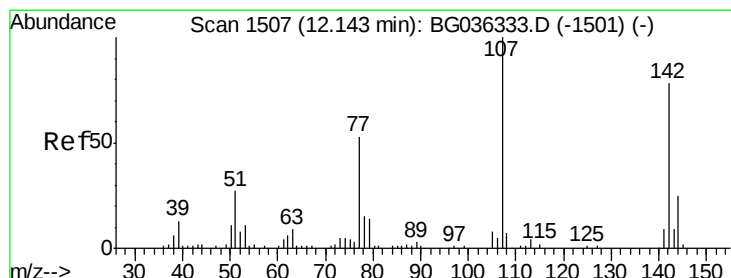
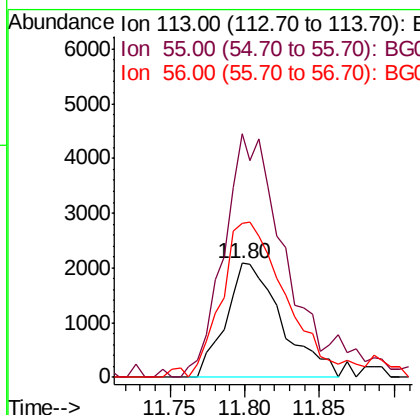
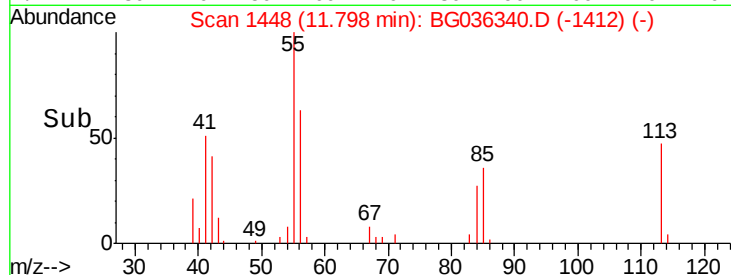
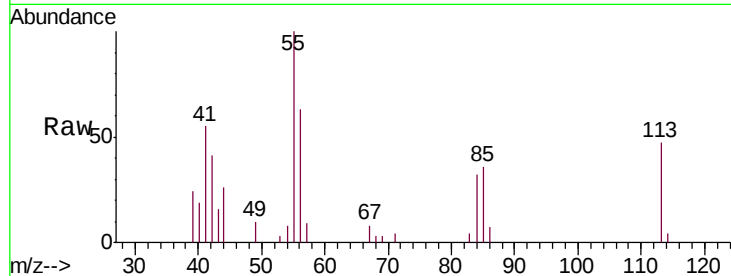
ClientSampled :

MDL-W-07

Tgt Ion:113 Resp: 5414  
 Ion Ratio Lower Upper  
 113 100  
 55 213.8 131.7 197.5#  
 56 135.5 92.7 139.1

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#33

4-Chloro-3-methylphenol

Concen: 3.734 ng/ul

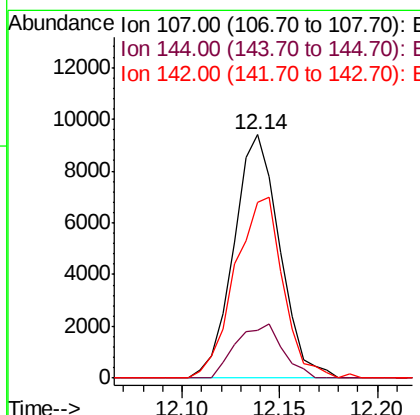
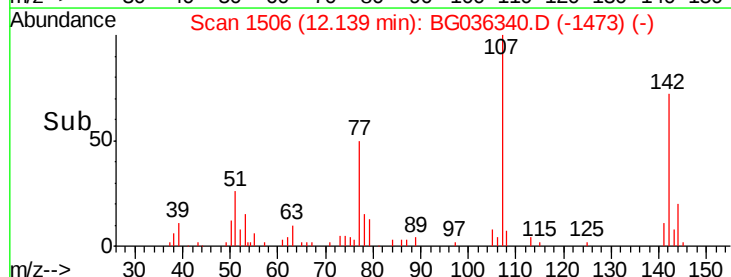
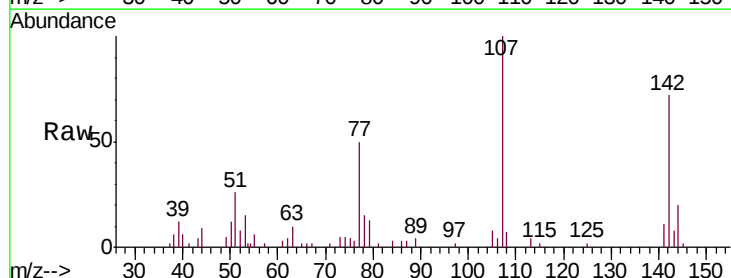
RT: 12.14 min Scan# 1506

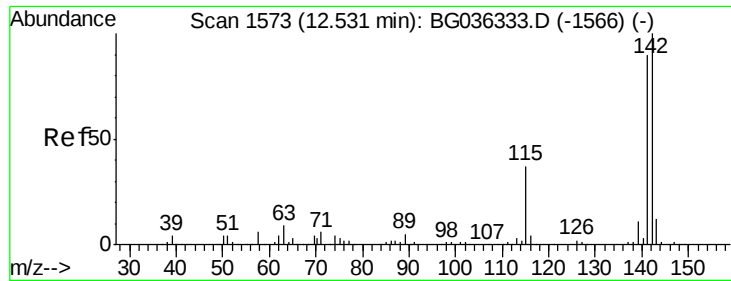
Delta R.T. -0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Tgt Ion:107 Resp: 15307  
 Ion Ratio Lower Upper  
 107 100  
 144 19.5 21.1 31.7#  
 142 71.9 60.1 90.1





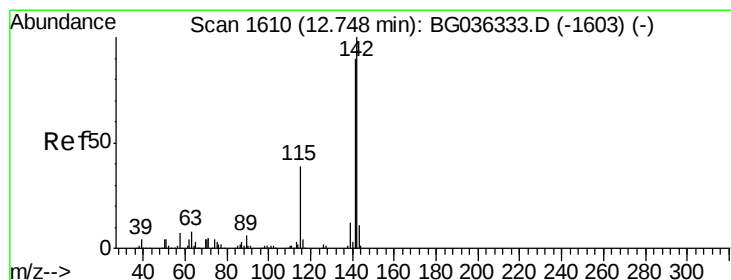
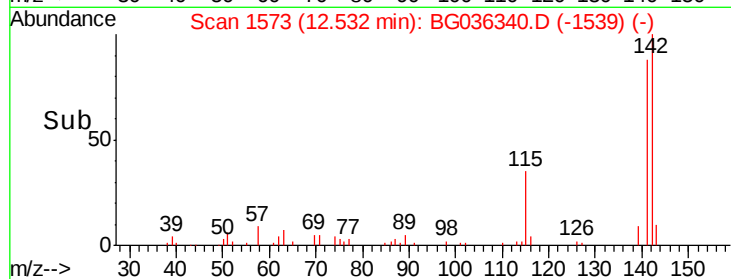
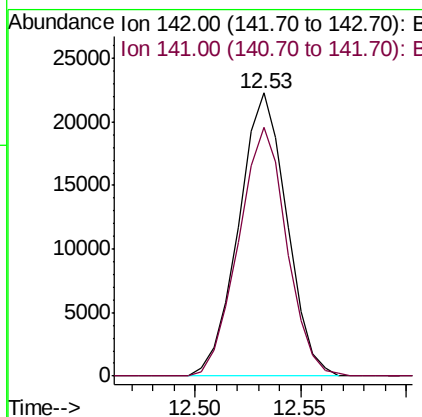
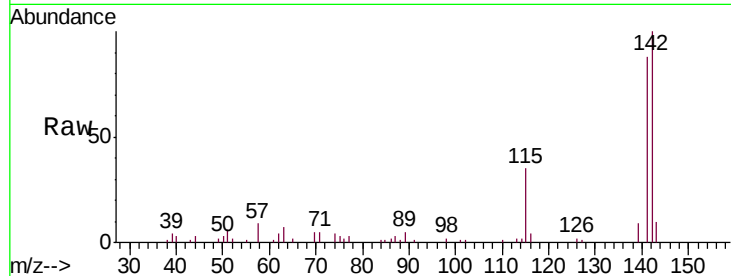
#34  
 2-Methylnaphthalene  
 Concen: 4.109 ng/ul  
 RT: 12.53 min Scan# 1573  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

Tgt Ion:142 Resp: 35232  
 Ion Ratio Lower Upper  
 142 100  
 141 87.9 71.4 107.2

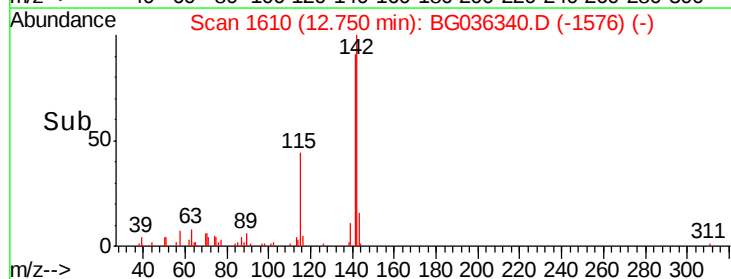
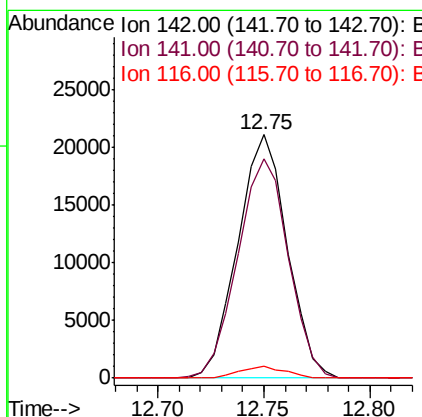
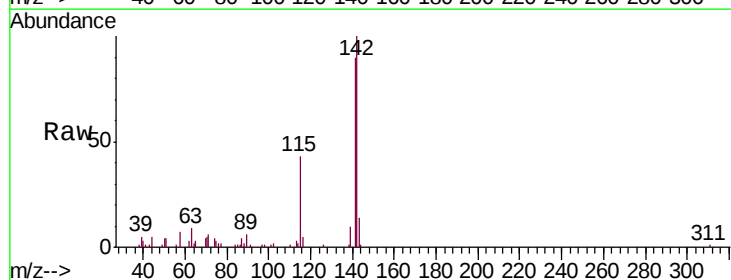
Manual Integrations  
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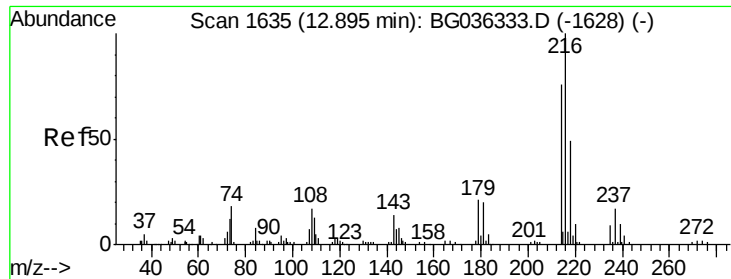
Sohil  
 8/23/2018 10:58:44 AM



#35  
 1-Methylnaphthalene  
 Concen: 4.084 ng/ul  
 RT: 12.75 min Scan# 1610  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Tgt Ion:142 Resp: 34153  
 Ion Ratio Lower Upper  
 142 100  
 141 89.9 76.6 115.0  
 116 4.8 3.6 5.4





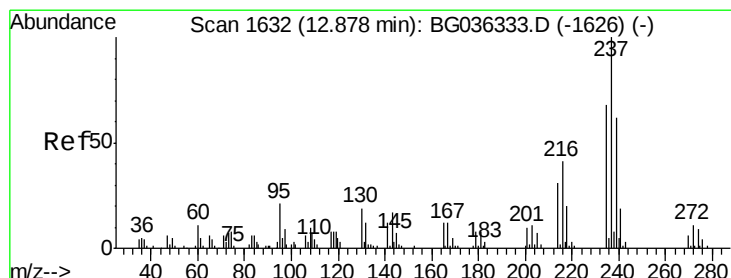
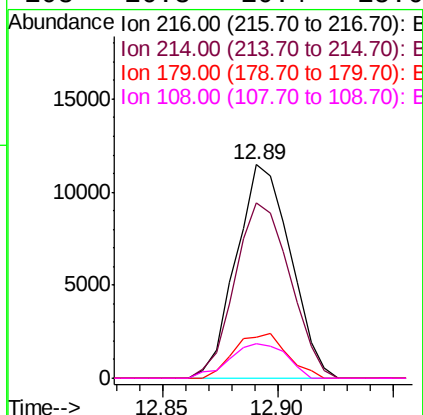
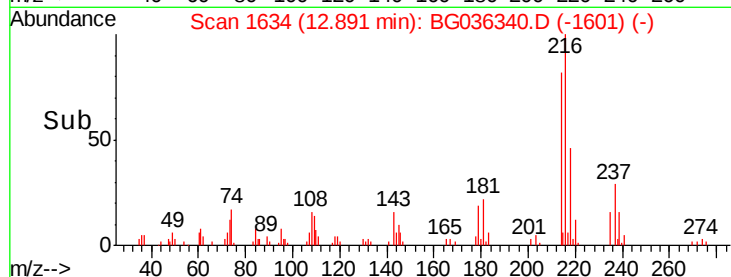
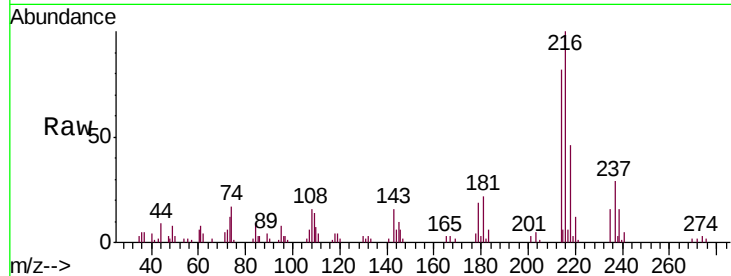
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 3.814 ng/ul  
 RT: 12.89 min Scan# 1634  
 Delta R.T. -0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 82.0  | 64.1  | 96.1  |
| 179     | 19.2  | 14.5  | 21.7  |
| 108     | 16.3  | 10.4  | 15.6  |

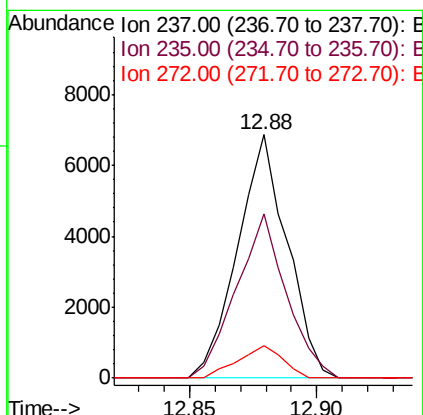
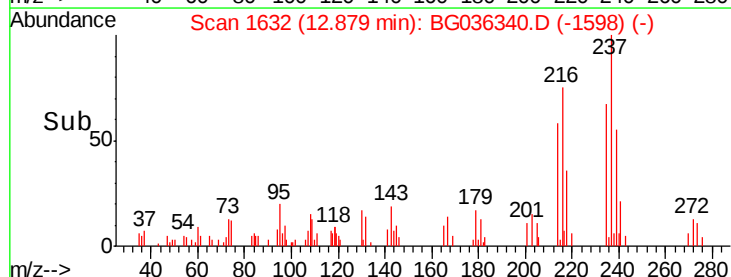
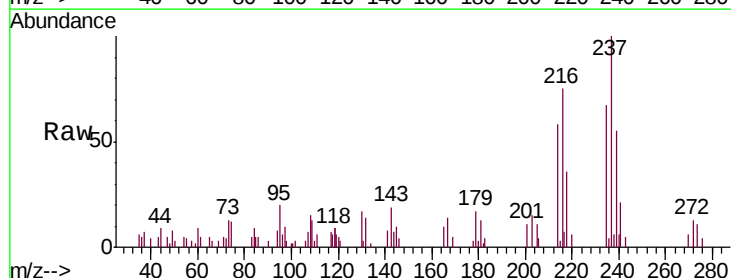
Manual Integrations  
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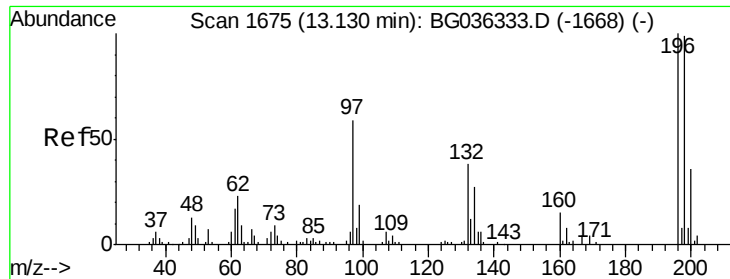
Sohil  
 8/23/2018 10:58:44 AM



#38  
 Hexachlorocyclopentadiene  
 Concen: 3.145 ng/ul  
 RT: 12.88 min Scan# 1632  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 71.3  | 49.5  | 74.3  |
| 272     | 13.3  | 8.6   | 12.8  |





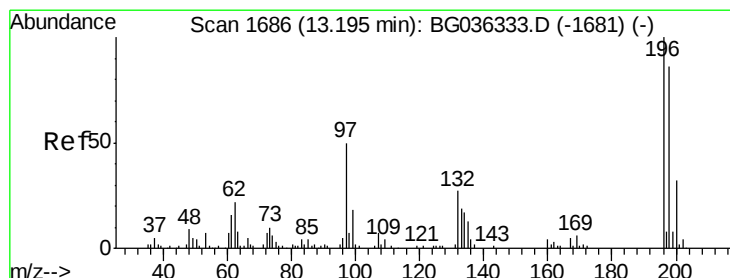
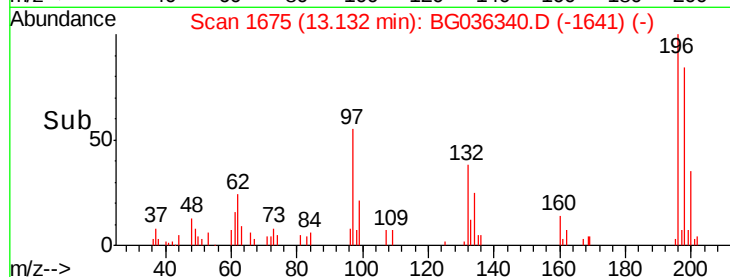
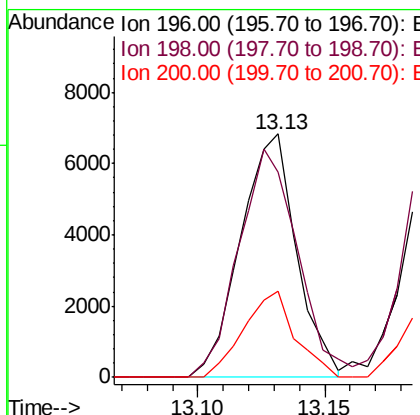
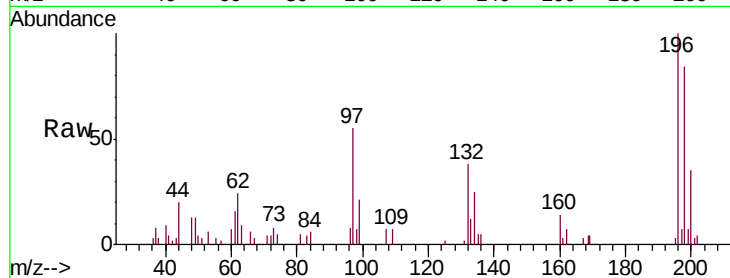
#39  
 2,4,6-Trichlorophenol  
 Concen: 3.449 ng/ul  
 RT: 13.13 min Scan# 1675  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 10526 |       |       |
| 198     | 84.5  | 75.9  | 113.9 |       |
| 200     | 35.3  | 25.8  | 38.6  |       |

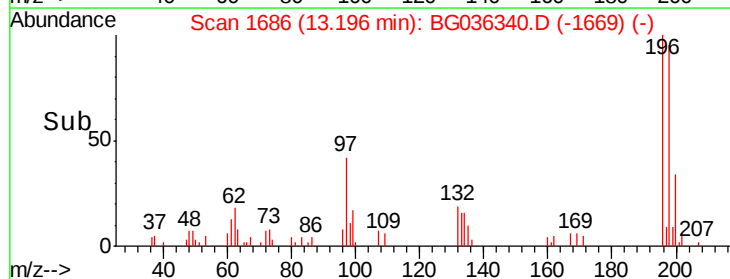
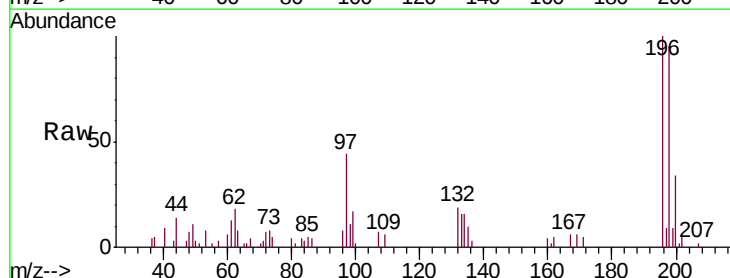
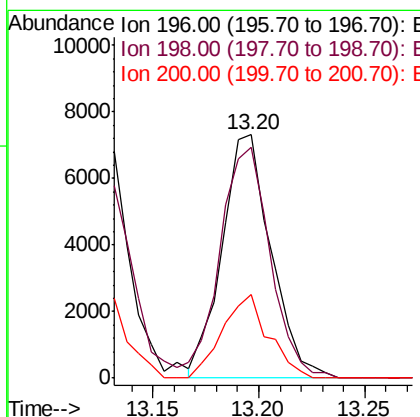
Manual Integrations  
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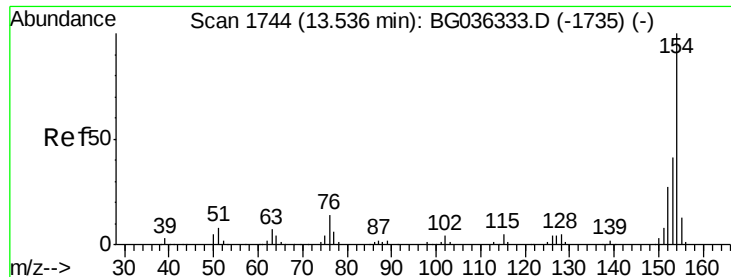
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 8/23/2018 10:58:44 AM



#40  
 2,4,5-Trichlorophenol  
 Concen: 3.717 ng/ul  
 RT: 13.20 min Scan# 1686  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 11758 |       |       |
| 198     | 94.6  | 74.7  | 112.1 |       |
| 200     | 34.3  | 25.4  | 38.0  |       |





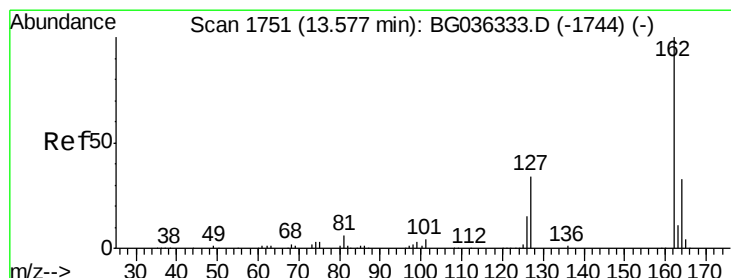
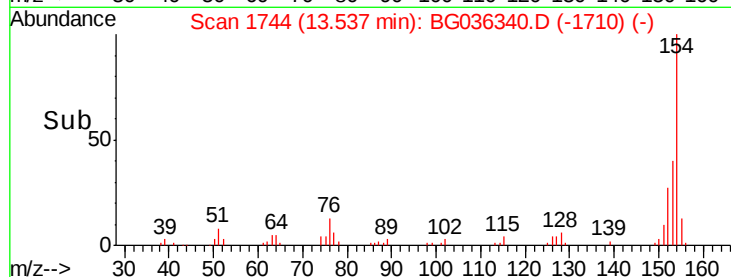
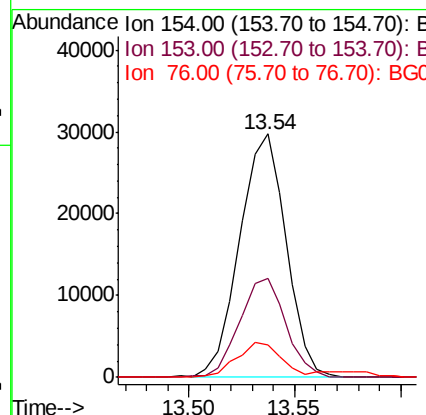
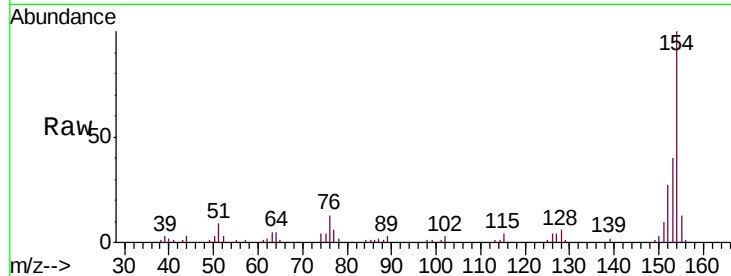
#41  
 1,1'-Biphenyl  
 Concen: 3.993 ng/ul  
 RT: 13.54 min Scan# 1744  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.4  | 34.0  | 51.0  |
| 76      | 13.2  | 8.4   | 12.6  |

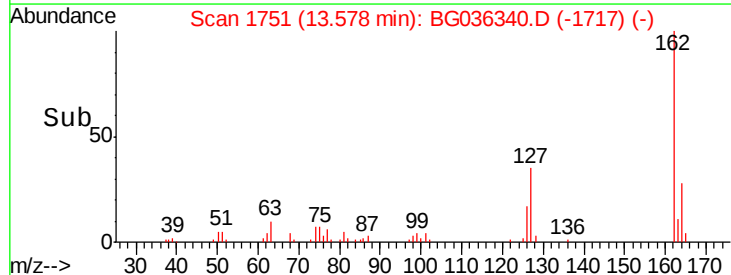
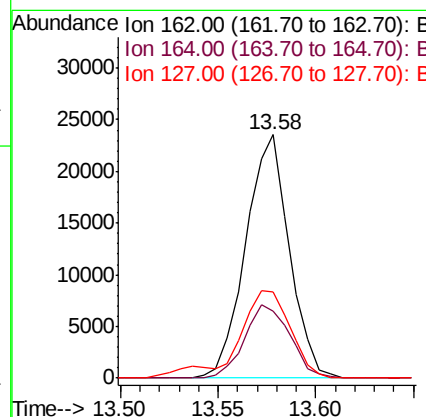
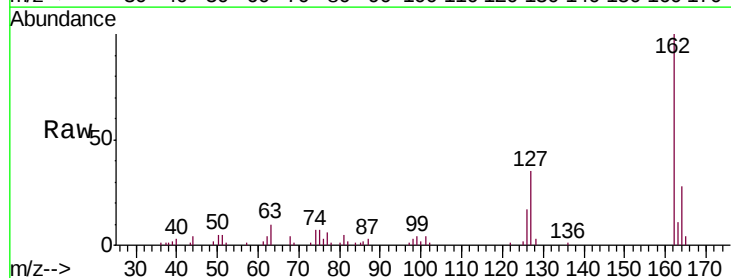
Manual Integrations  
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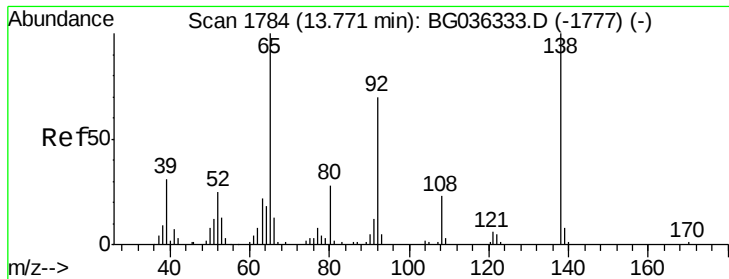
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 8/23/2018 10:58:44 AM



#42  
 2-Chloronaphthalene  
 Concen: 4.162 ng/ul  
 RT: 13.58 min Scan# 1751  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 27.7  | 26.2  | 39.4  |
| 127     | 35.5  | 29.5  | 44.3  |





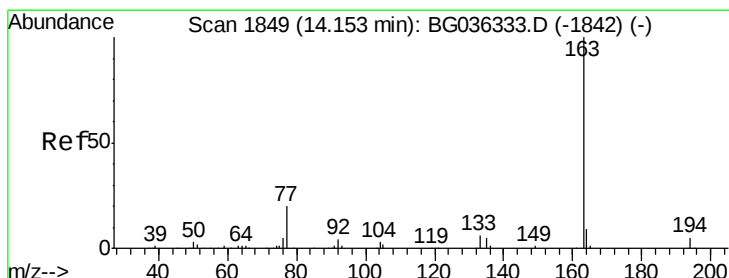
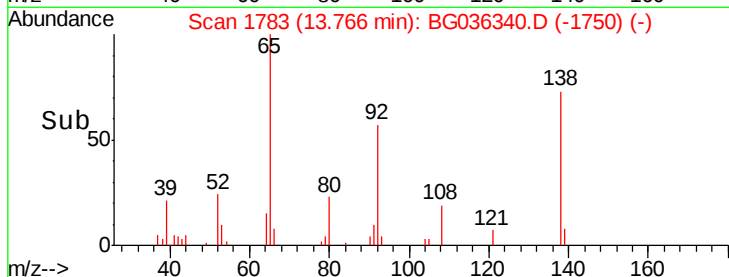
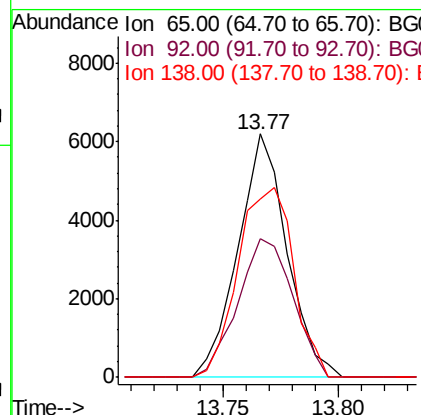
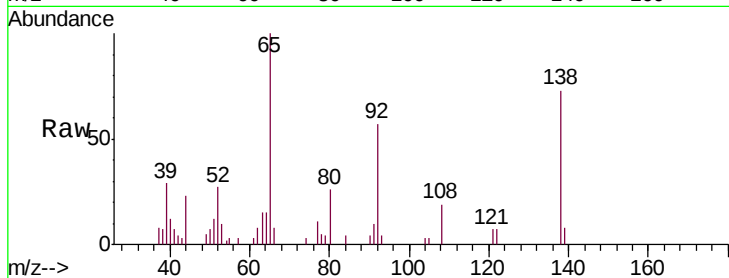
#43  
2-Nitroaniline  
Concen: 4.020 ng/ul  
RT: 13.77 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

Tgt Ion: 65 Resp: 9162  
Ion Ratio Lower Upper  
65 100  
92 56.8 57.0 85.4#  
138 73.0 87.2 130.8#

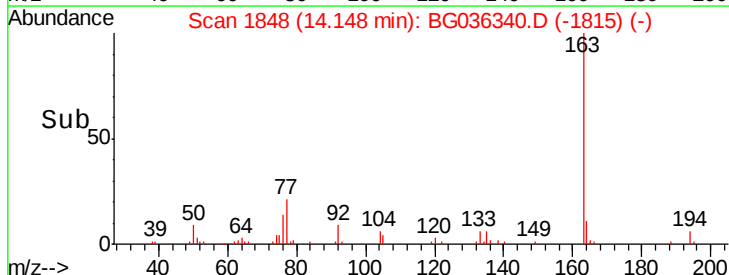
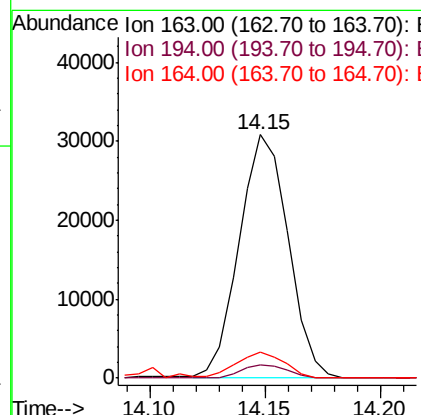
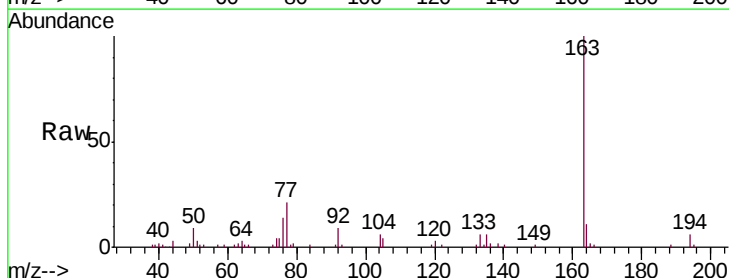
Manual Integrations  
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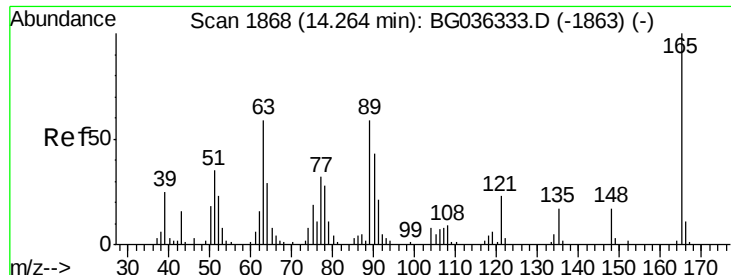
Sohil  
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#45  
Dimethylphthalate  
Concen: 3.908 ng/ul  
RT: 14.15 min Scan# 1848  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Tgt Ion:163 Resp: 45486  
Ion Ratio Lower Upper  
163 100  
194 5.6 4.0 6.0  
164 10.7 8.4 12.6





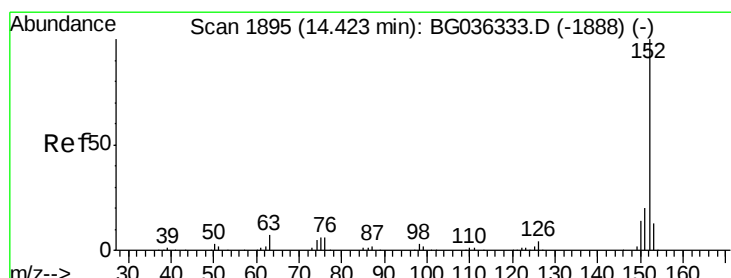
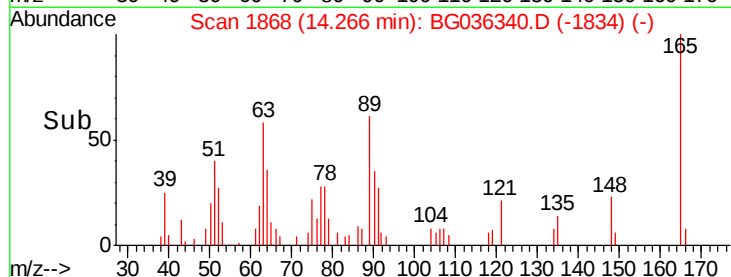
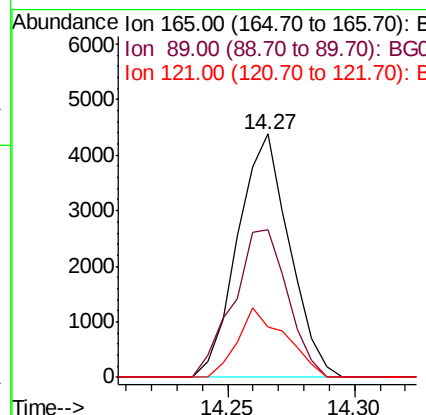
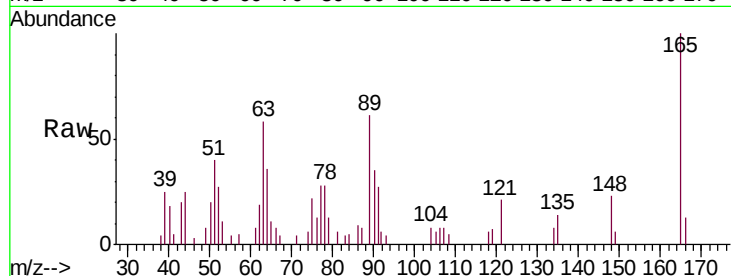
#46  
 2,6-Dinitrotoluene  
 Concen: 3.828 ng/ul  
 RT: 14.27 min Scan# 1868  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampled :  
 MDL-W-07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 89      | 60.9  | 43.8       | 65.8       |
| 121     | 20.8  | 17.8       | 26.6       |

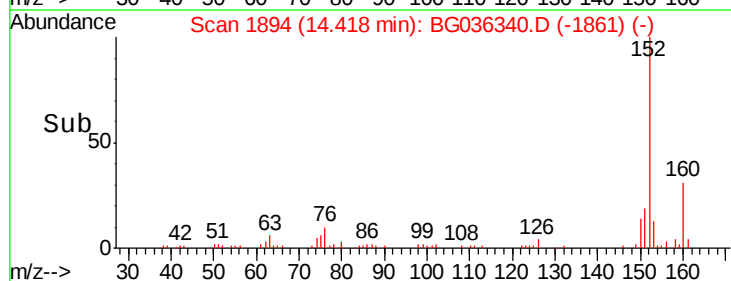
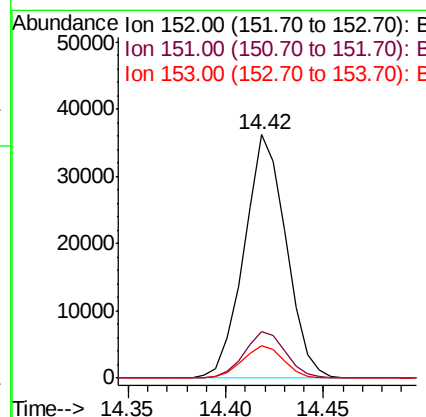
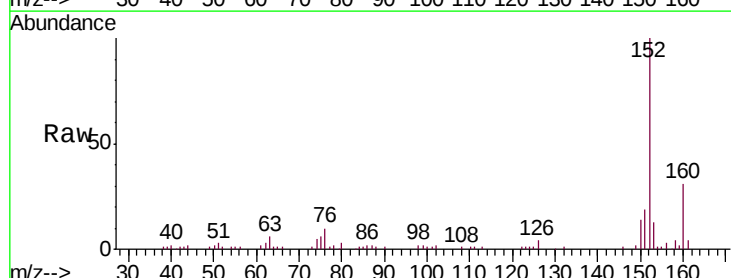
Manual Integrations  
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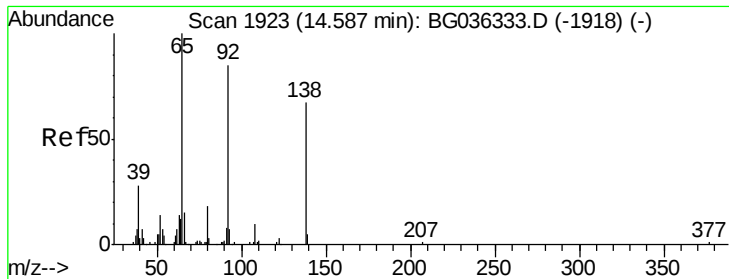
Sohil  
 8/23/2018 10:58:44 AM



#48  
 Acenaphthylene  
 Concen: 3.903 ng/ul  
 RT: 14.42 min Scan# 1894  
 Delta R.T. -0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 152     | 100   |            |            |
| 151     | 19.4  | 16.1       | 24.1       |
| 153     | 13.2  | 10.8       | 16.2       |





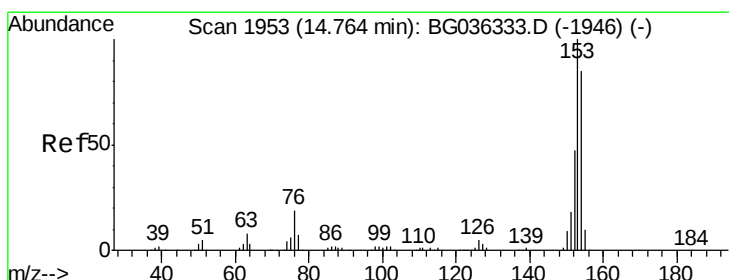
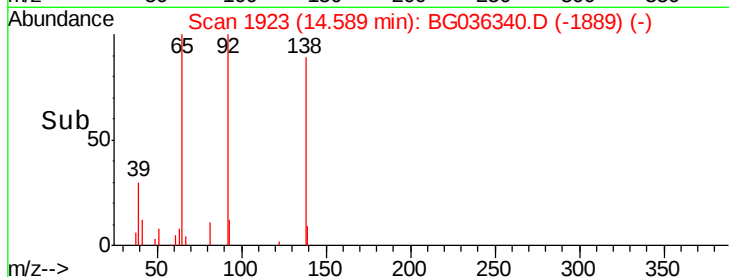
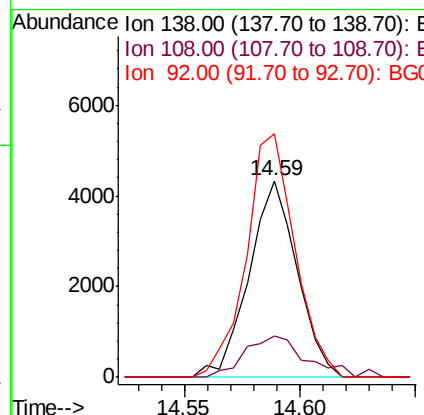
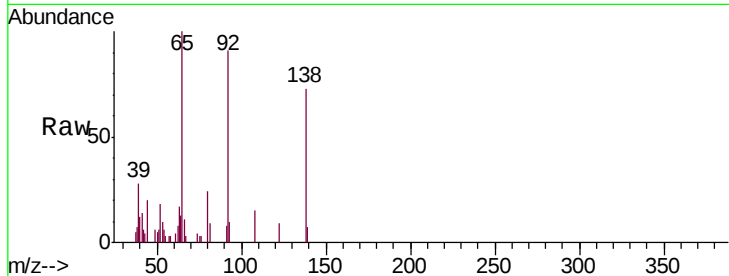
#49  
3-Nitroaniline  
Concen: 3.702 ng/ul  
RT: 14.59 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 20.8  | 7.6   | 11.4# |
| 92      | 124.0 | 94.2  | 141.2 |

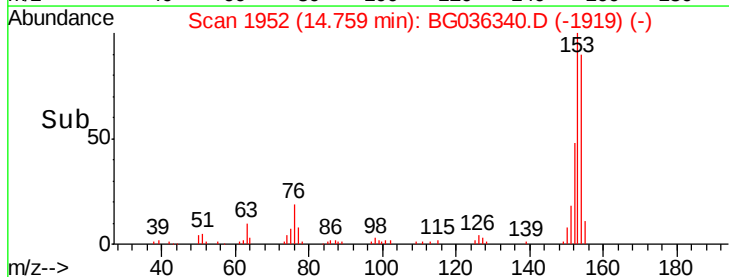
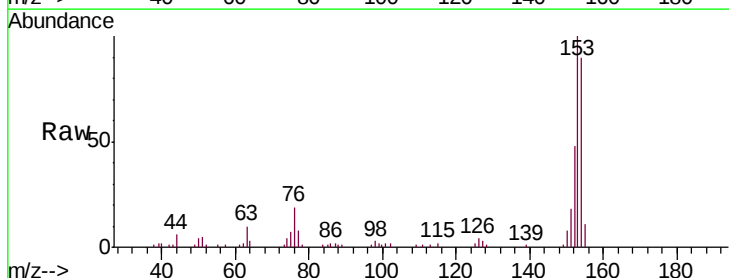
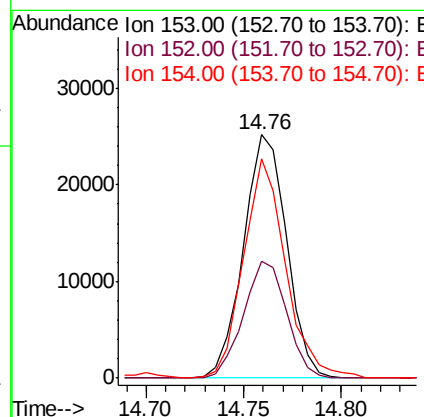
Manual Integrations  
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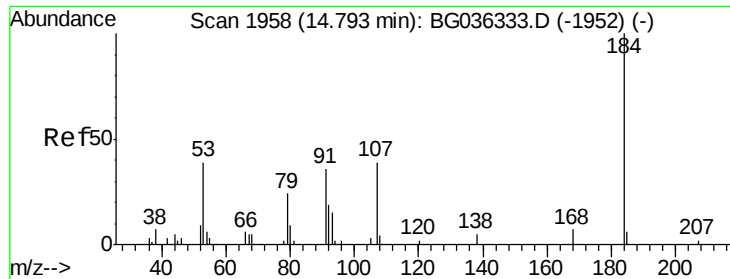
Sohil  
8/23/2018 10:58:44 AM



#50  
Acenaphthene  
Concen: 3.913 ng/ul  
RT: 14.76 min Scan# 1952  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 47.9  | 37.9  | 56.9  |
| 154     | 90.0  | 69.8  | 104.6 |





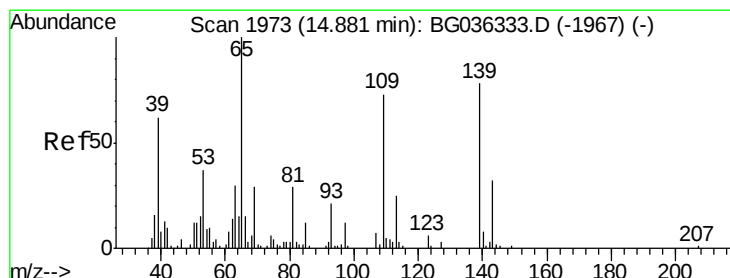
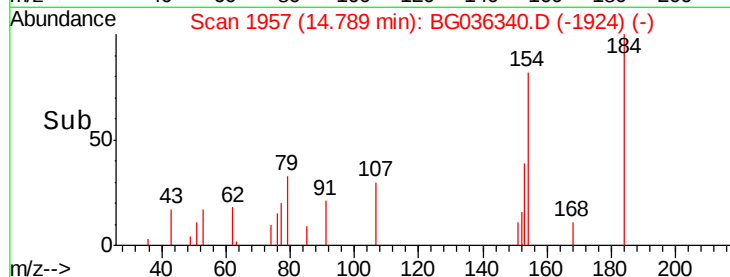
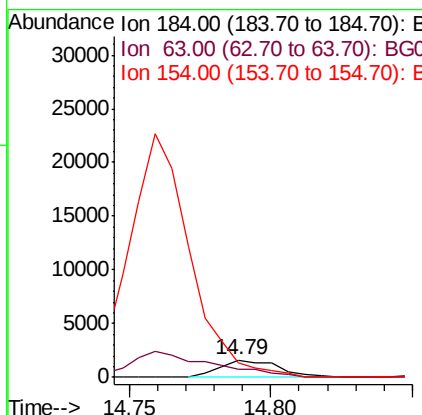
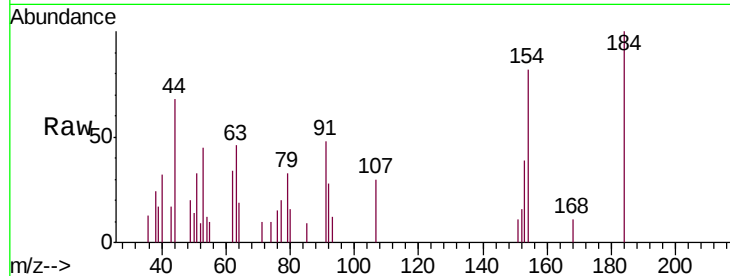
#51  
2,4-Dinitrophenol  
Concen: 2.849 ng/ul  
RT: 14.79 min Scan# 1957  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   | 2357 |       |       |
| 63      | 46.0  | 39.7 | 59.5  |       |
| 154     | 81.9  | 45.0 | 67.6  |       |

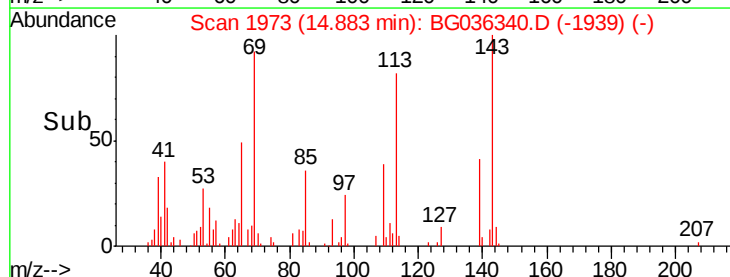
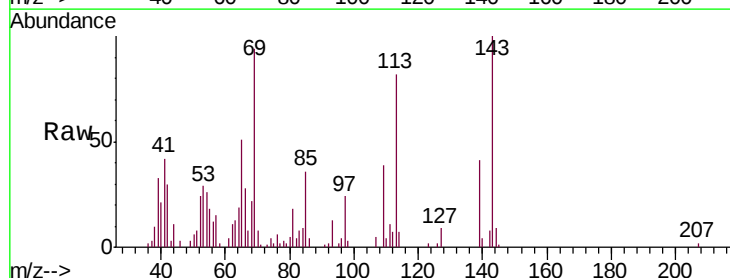
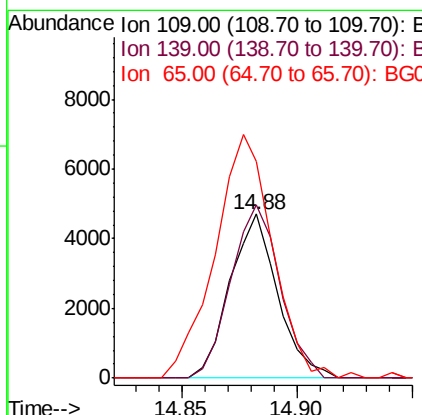
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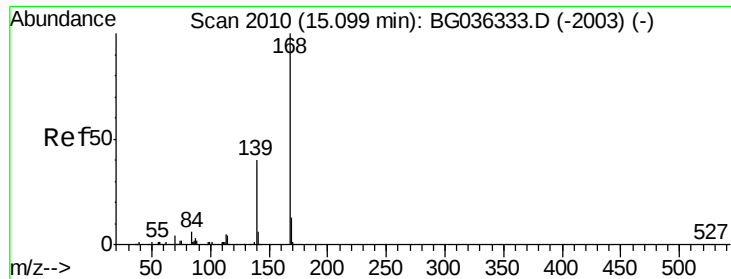
Sohil  
8/23/2018 10:58:44 AM



#53  
4-Nitrophenol  
Concen: 4.067 ng/ul  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 109     | 100   | 6771 |       |       |
| 139     | 106.2 | 91.2 | 136.8 |       |
| 65      | 132.5 | 92.6 | 139.0 |       |





#54

Dibenzenofuran

Concen: 4.054 ng/ul

RT: 15.09 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

ClientSampleId :

MDL-W-07

Tgt Ion:168 Resp: 55385

Ion Ratio Lower Upper

168 100

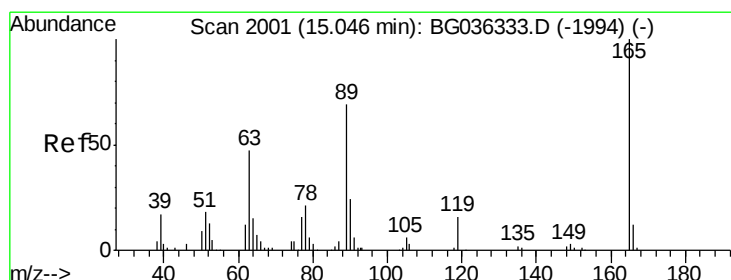
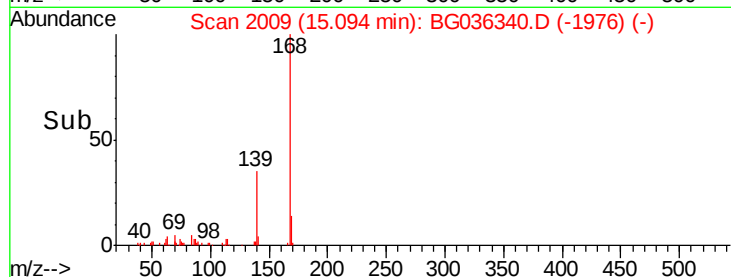
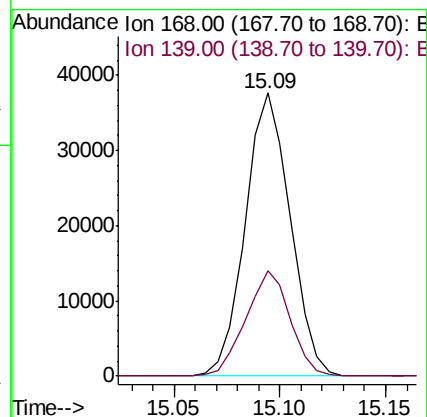
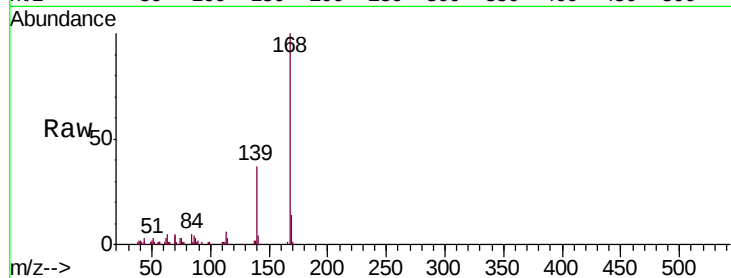
139 37.5 31.0 46.4

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#55

2,4-Dinitrotoluene

Concen: 3.855 ng/ul

RT: 15.05 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

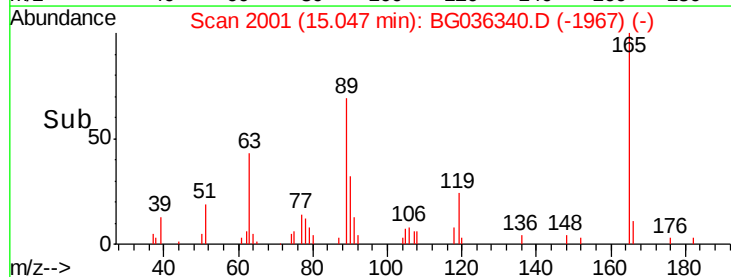
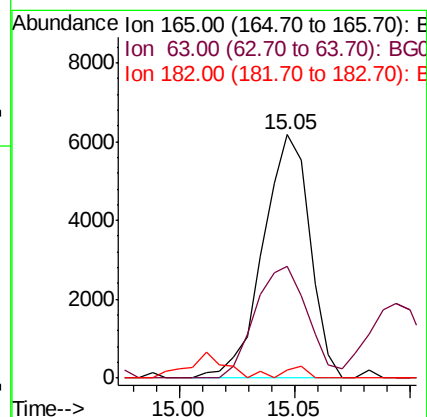
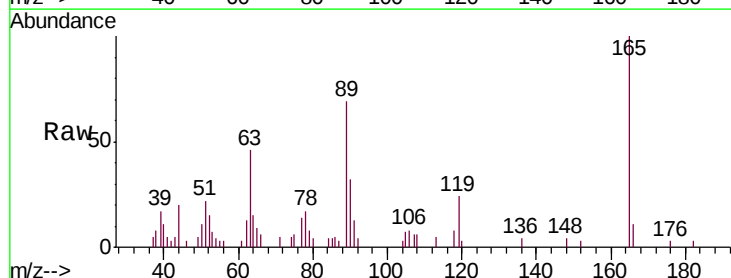
Tgt Ion:165 Resp: 8673

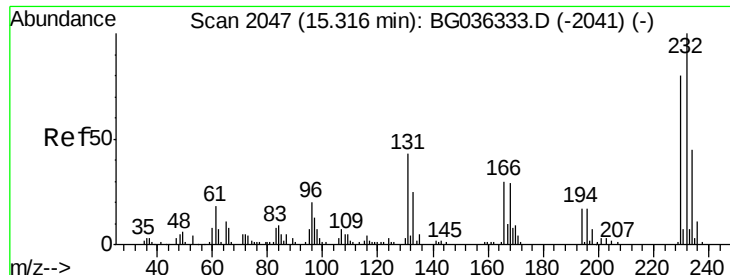
Ion Ratio Lower Upper

165 100

63 46.1 31.4 47.0

182 3.2 2.7 4.1





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.633 ng/ul

RT: 15.32 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

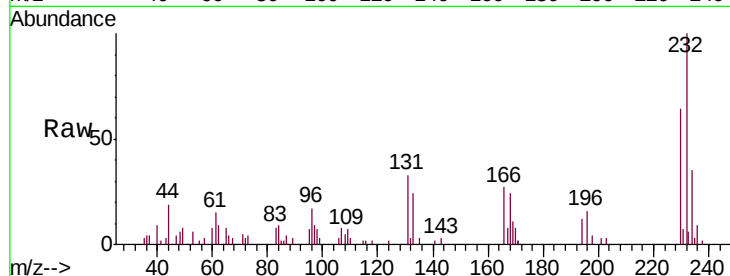
ClientSampleId :

MDL-W-07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 10762 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 33.4  | 27.1  | 40.7  |
| 130       | 0.0   | 0.0   | 0.0   |
| 166       | 27.3  | 20.0  | 30.0  |

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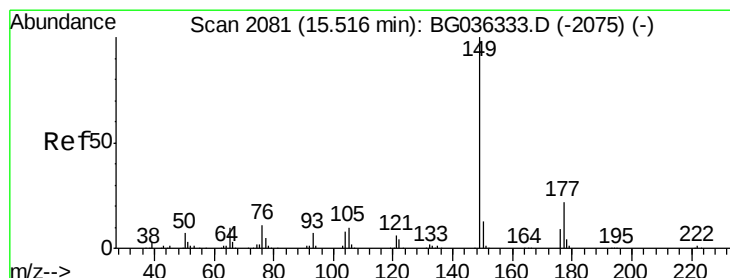
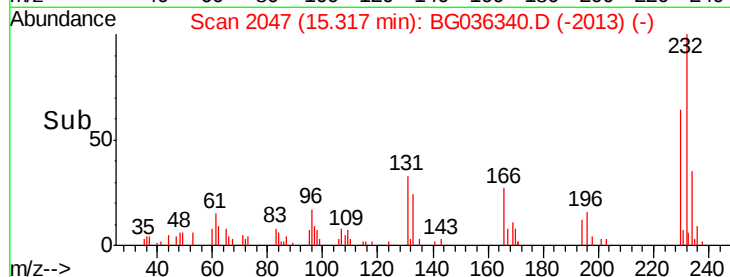
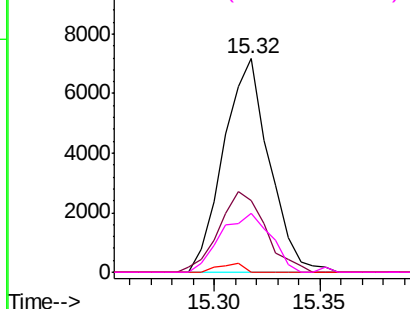
Abundance

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: 3.932 ng/ul

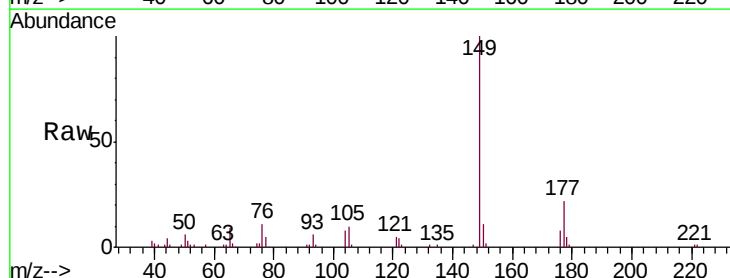
RT: 15.52 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 46448 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 177       | 22.2  | 19.3  | 28.9  |
| 150       | 11.3  | 10.6  | 15.8  |

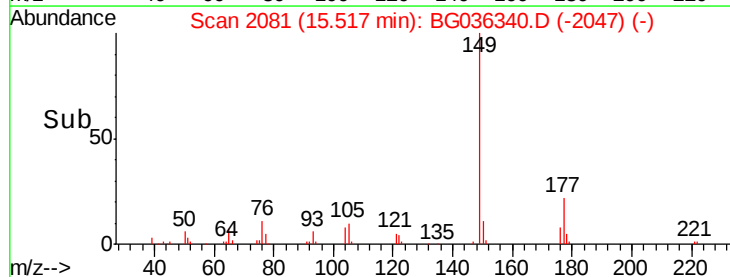
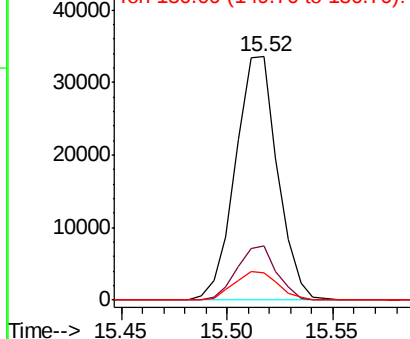


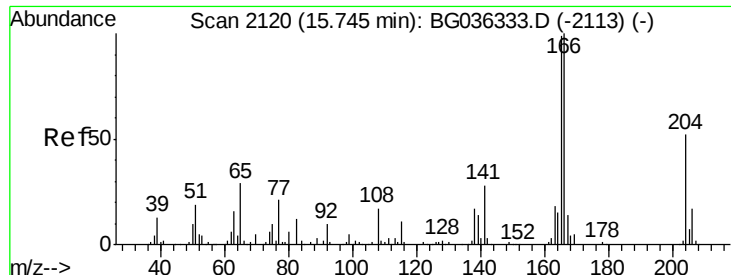
Abundance

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: 3.952 ng/ul

RT: 15.75 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

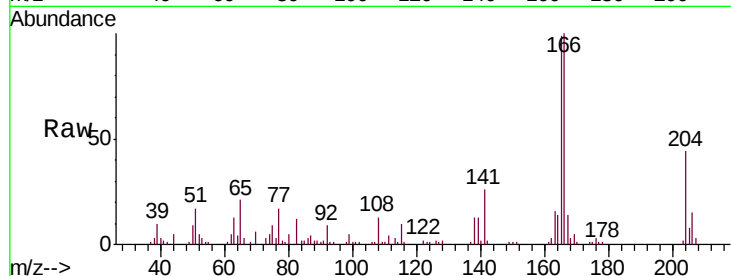
ClientSampleId :

MDL-W-07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 166     | 100   | 43529 |       |       |
| 165     | 99.5  | 78.4  | 117.6 |       |
| 167     | 13.9  | 11.1  | 16.7  |       |

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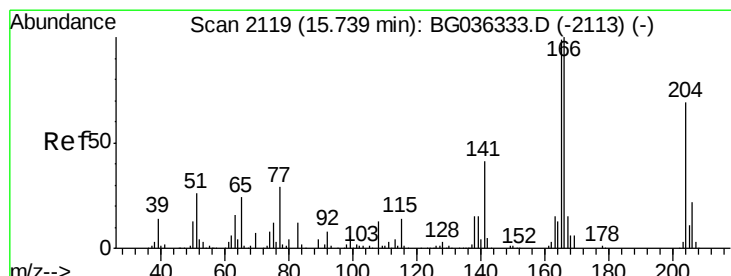
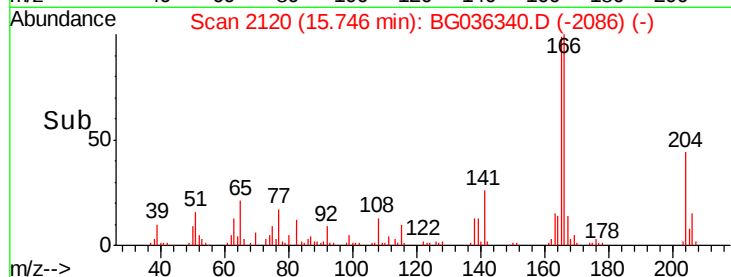
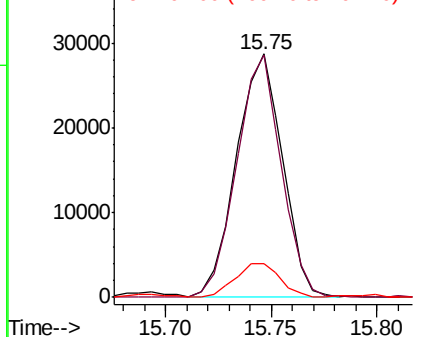


Abundance

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: 4.031 ng/ul

RT: 15.74 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

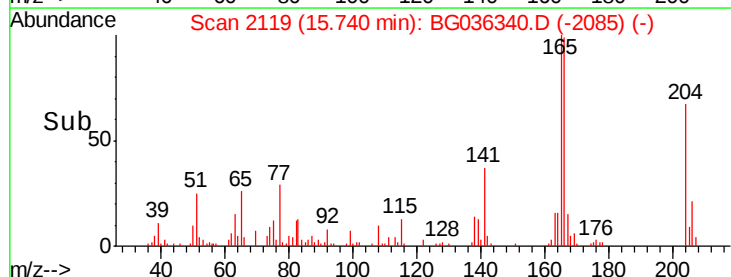
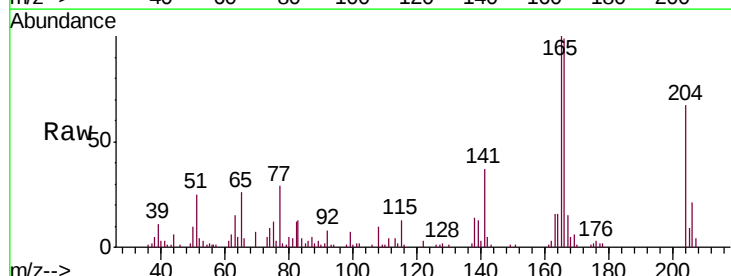
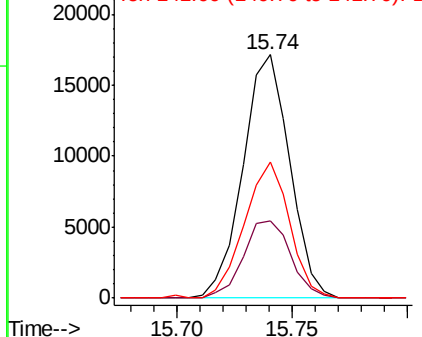
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 24188 |       |       |
| 206     | 31.7  | 26.6  | 40.0  |       |
| 141     | 55.9  | 40.7  | 61.1  |       |

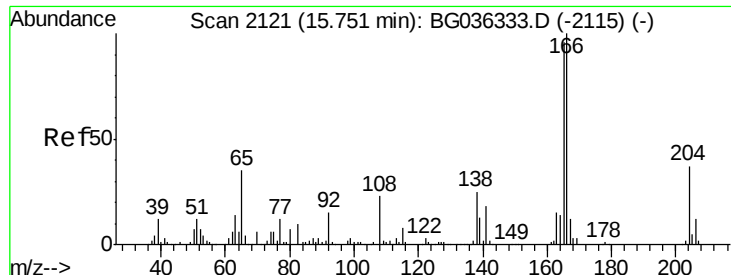
Abundance

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





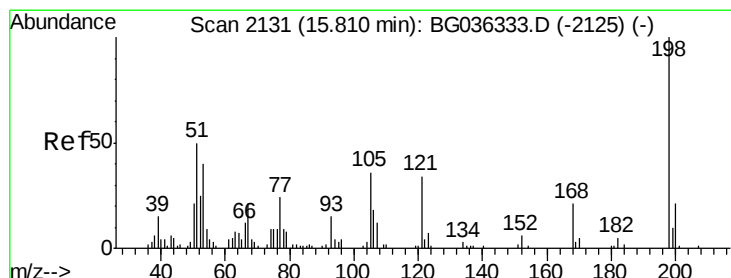
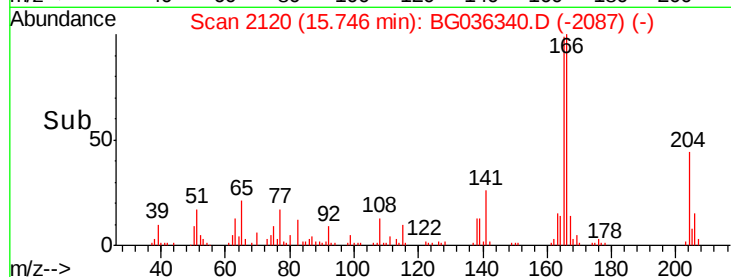
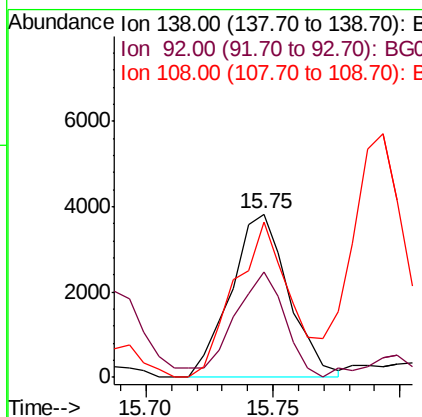
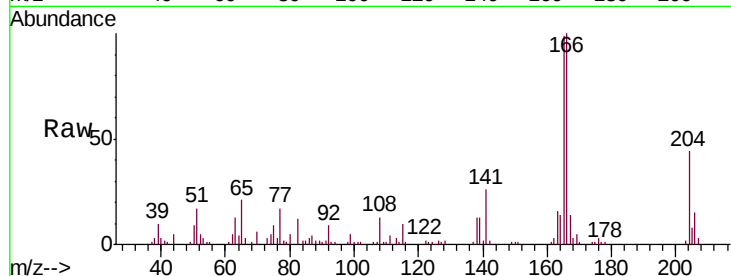
#61  
4-Nitroaniline  
Concen: 2.821 ng/ul  
RT: 15.75 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   | 6058 |       |       |
| 92      | 64.3  | 38.2 | 57.4# |       |
| 108     | 95.2  | 70.0 | 105.0 |       |

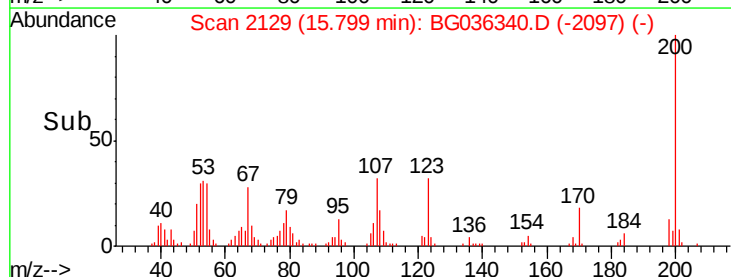
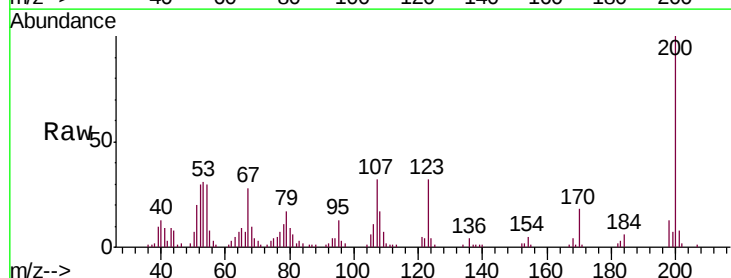
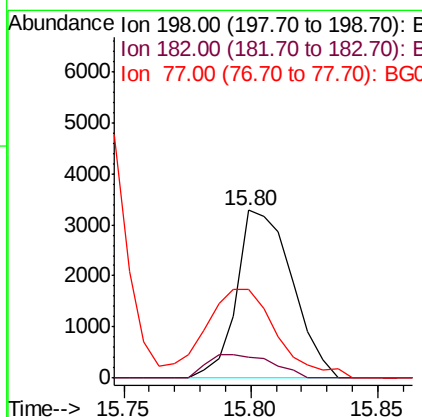
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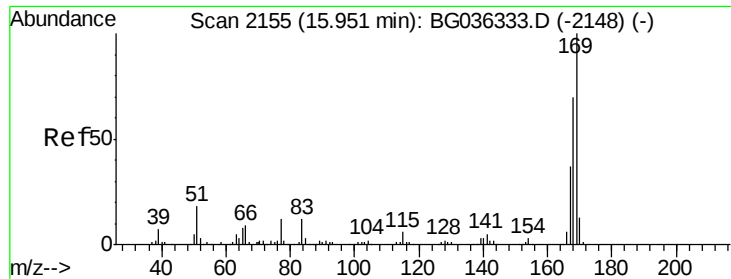
Sohil  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.726 ng/ul  
RT: 15.80 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   | 4986 |       |       |
| 182     | 12.7  | 3.5  | 5.3#  |       |
| 77      | 52.8  | 18.2 | 27.4# |       |





#65

N-Nitrosodiphenylamine

Concen: 4.003 ng/ul

RT: 15.95 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

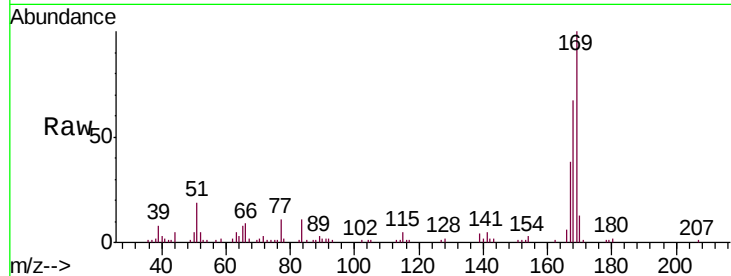
ClientSampleId :

MDL-W-07

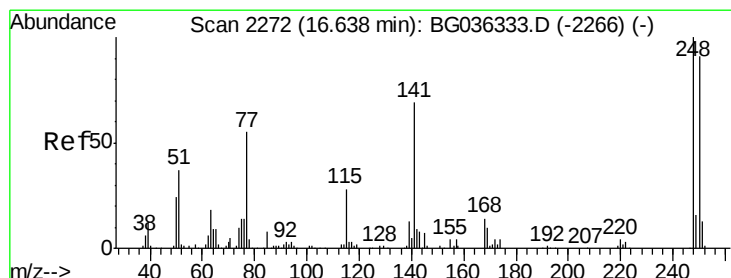
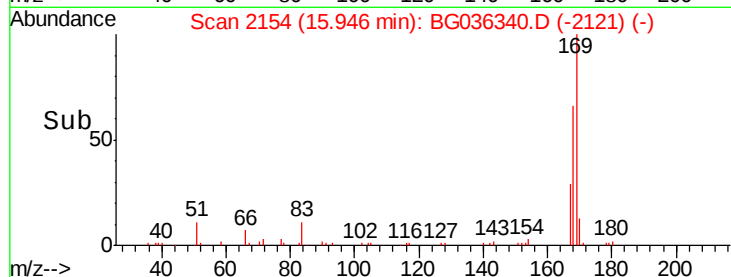
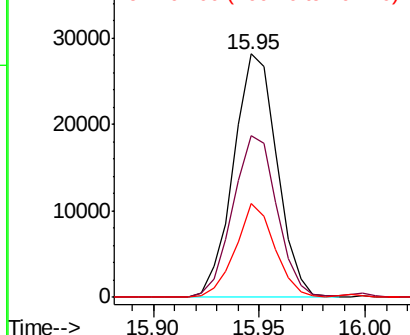
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 169   | Resp: | 40113 |
| Ion Ratio | Lower | Upper |       |
| 169       | 100   |       |       |
| 168       | 66.6  | 53.8  | 80.8  |
| 167       | 38.4  | 29.5  | 44.3  |

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



#66

4-Bromophenyl-phenylether

Concen: 3.785 ng/ul

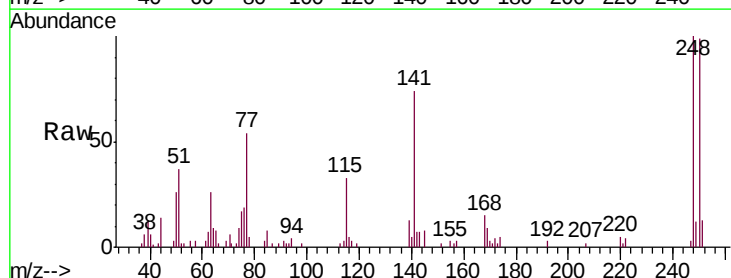
RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

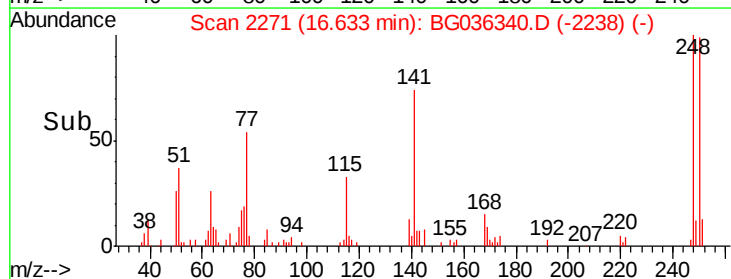
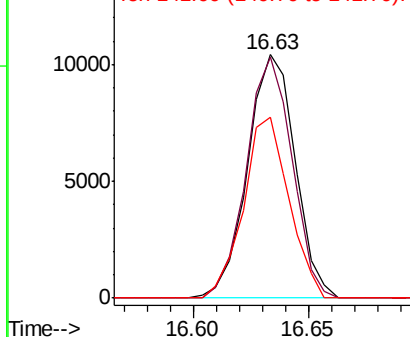
Lab File: BG036340.D

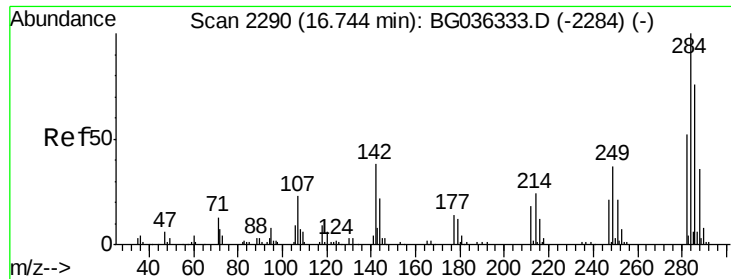
Acq: 22 Aug 2018 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 14975 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 99.1  | 79.0  | 118.4 |
| 141       | 74.3  | 51.9  | 77.9  |



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





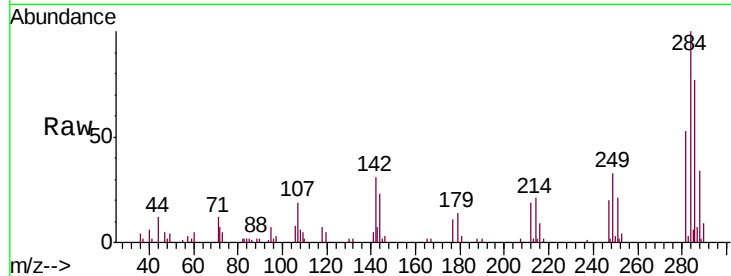
#67  
Hexachlorobenzene  
Concen: 3.986 ng/ul  
RT: 16.75 min Scan# 2290  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

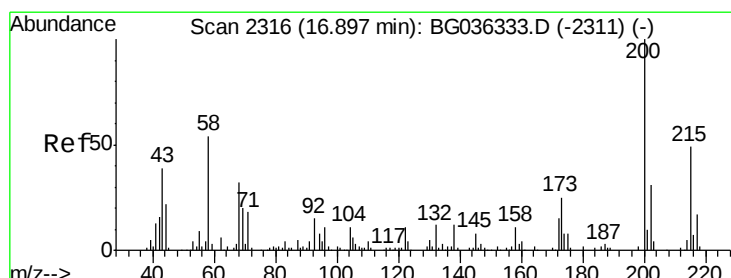
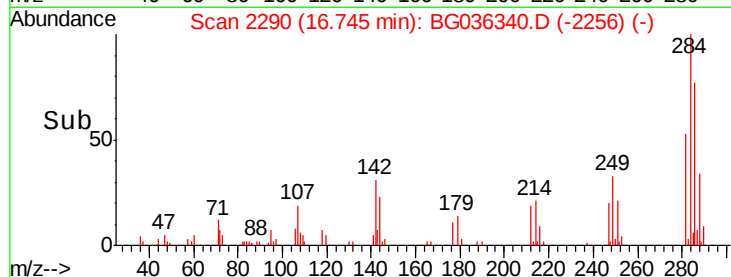
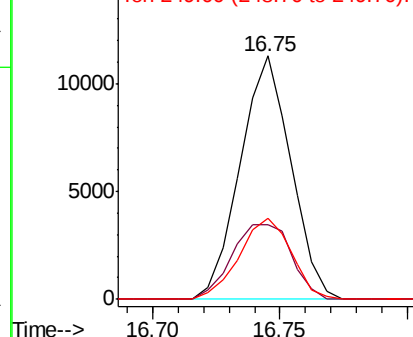
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 30.9  | 21.3       | 31.9       |
| 249     | 33.2  | 26.3       | 39.5       |

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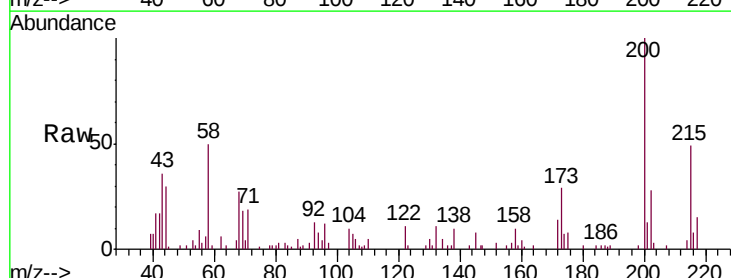


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

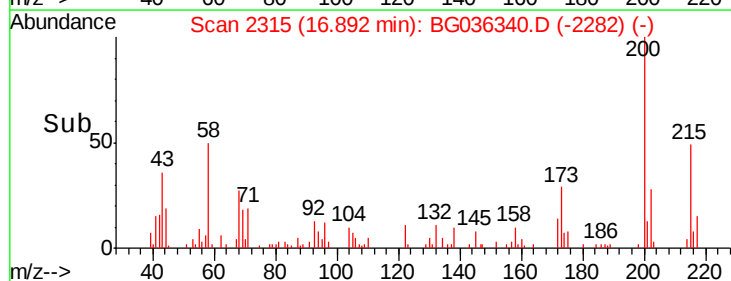
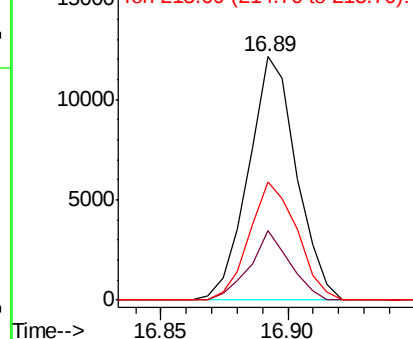


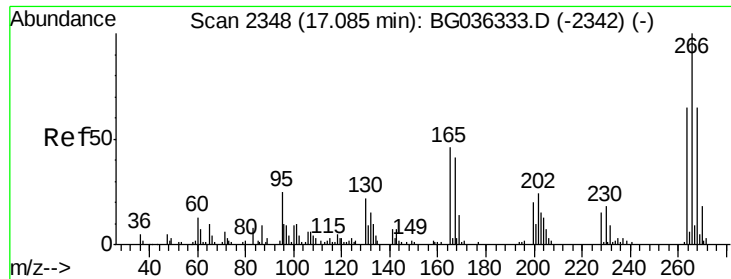
#68  
Atrazine  
Concen: 3.861 ng/ul  
RT: 16.89 min Scan# 2315  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 28.6  | 20.6       | 31.0       |
| 215     | 48.6  | 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





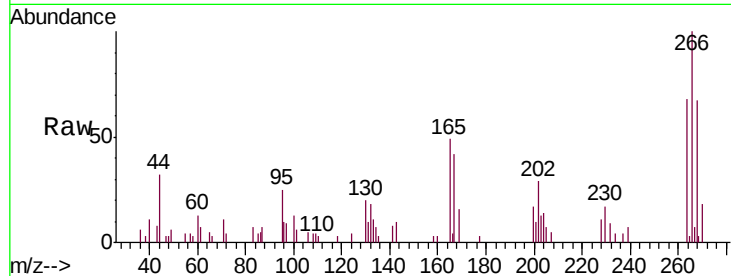
#69  
 Pentachlorophenol  
 Concen: 3.186 ng/ul  
 RT: 17.09 min Scan# 2348  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

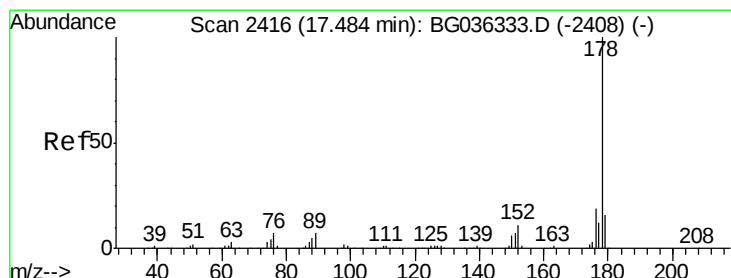
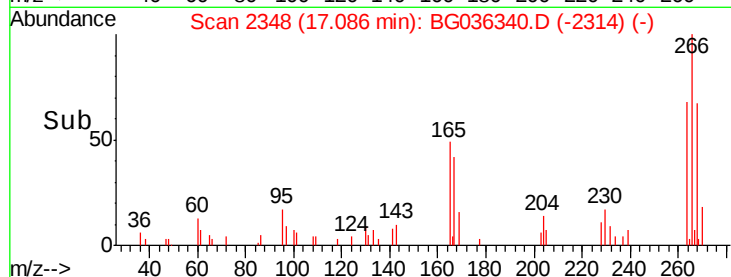
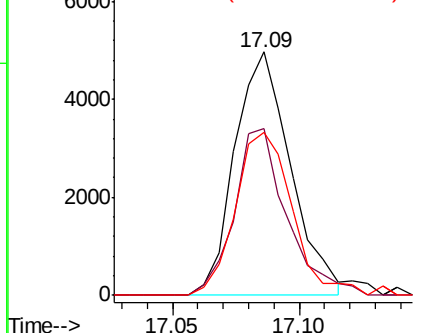
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 68.5  | 48.2  | 72.4  |
| 268     | 70.3  | 52.3  | 78.5  |

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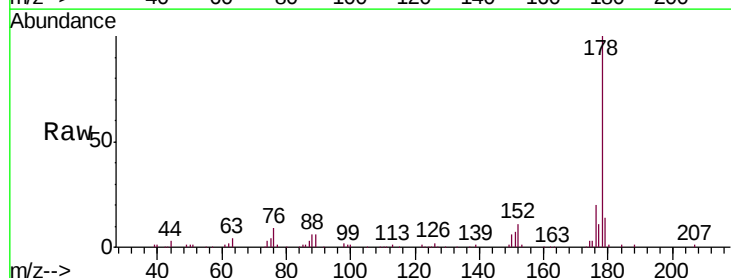


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

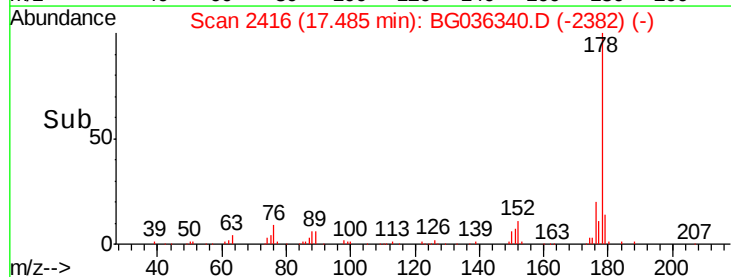
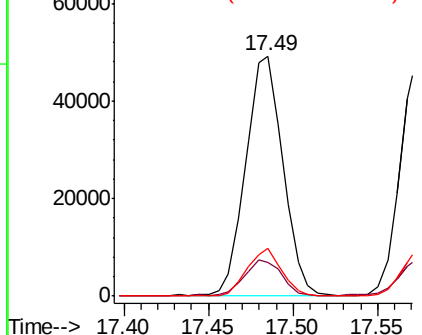


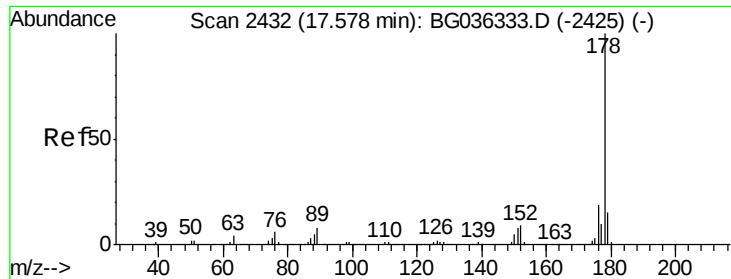
#70  
 Phenanthrene  
 Concen: 4.077 ng/ul  
 RT: 17.49 min Scan# 2416  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.3  | 12.3  | 18.5  |
| 176     | 20.0  | 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: 4.037 ng/uL

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

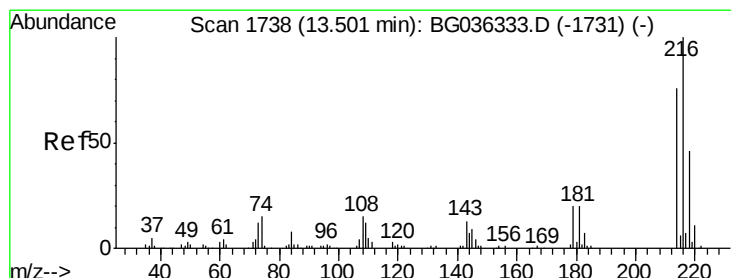
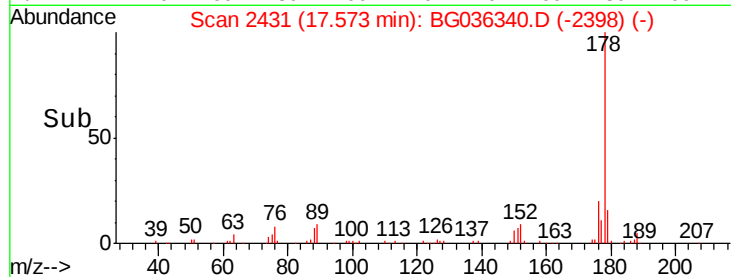
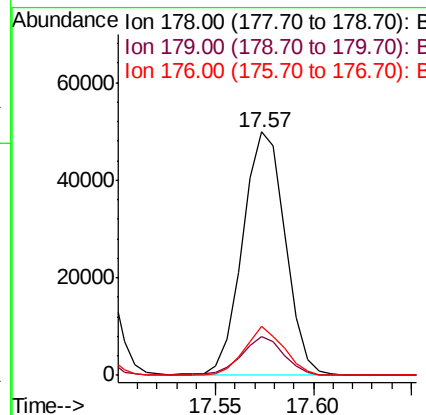
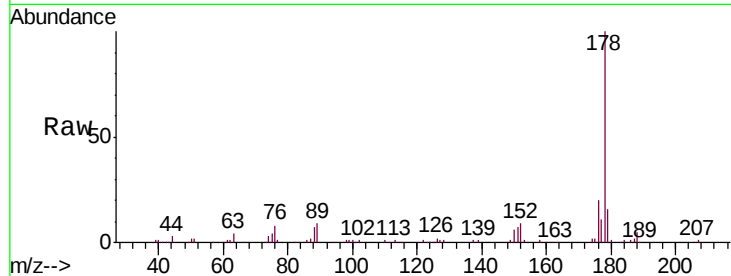
ClientSampled :

MDL-W-07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 75505 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 15.7  | 13.4  | 20.2  |
| 176       | 20.3  | 15.4  | 23.0  |

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.801 ng/uL

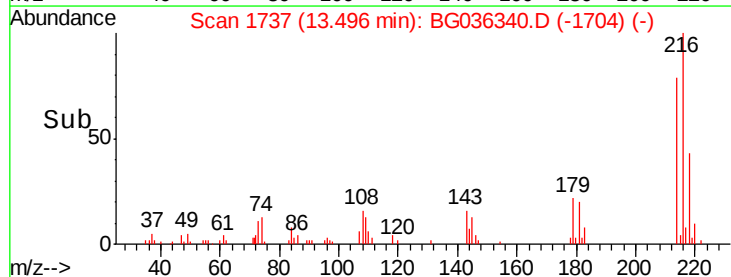
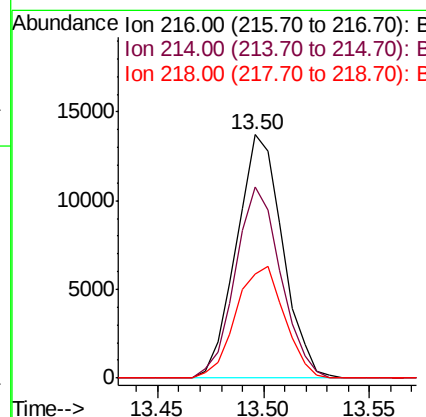
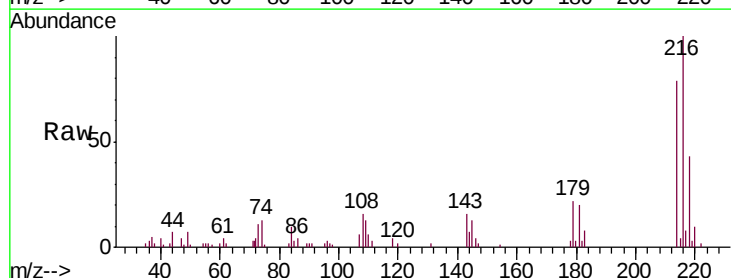
RT: 13.50 min Scan# 1737

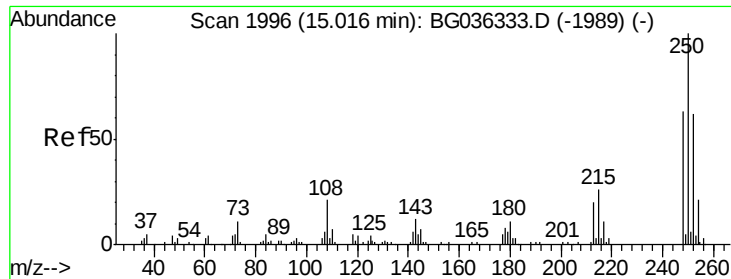
Delta R.T. -0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 20772 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 78.6  | 64.1  | 96.1  |
| 218       | 43.0  | 39.4  | 59.0  |





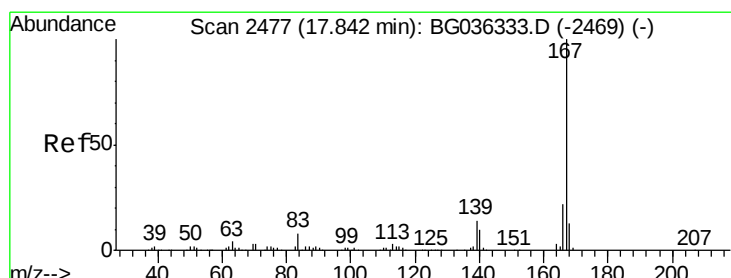
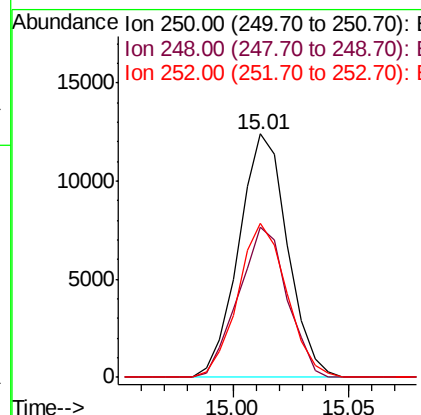
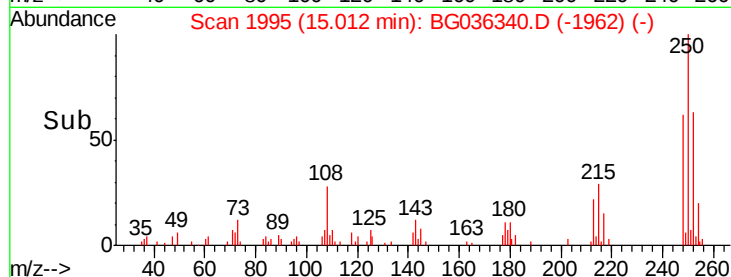
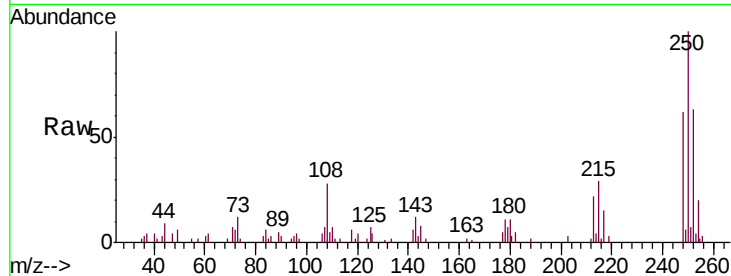
#74  
 Pentachlorobenzene  
 Concen: 3.832 ng/uL  
 RT: 15.01 min Scan# 1995  
 Delta R.T. -0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 250     | 100   |            |            |
| 248     | 61.9  | 51.4       | 77.2       |
| 252     | 63.3  | 49.8       | 74.6       |

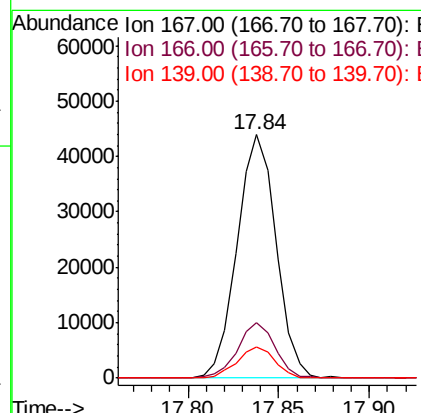
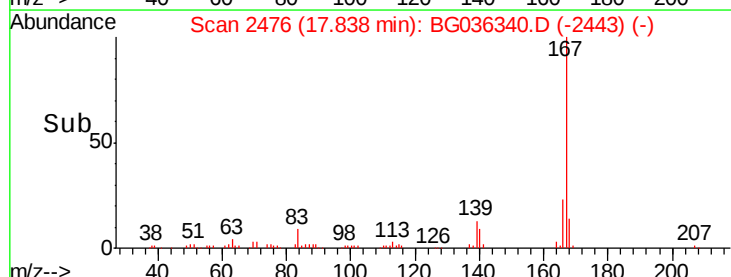
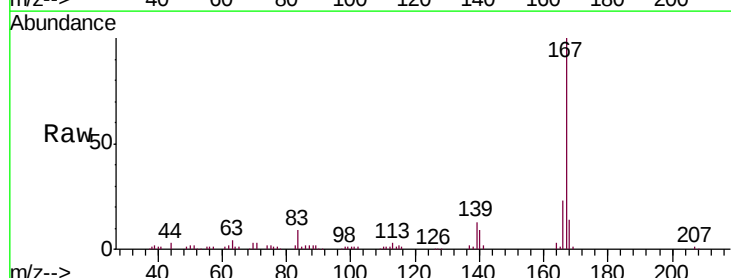
Manual Integrations  
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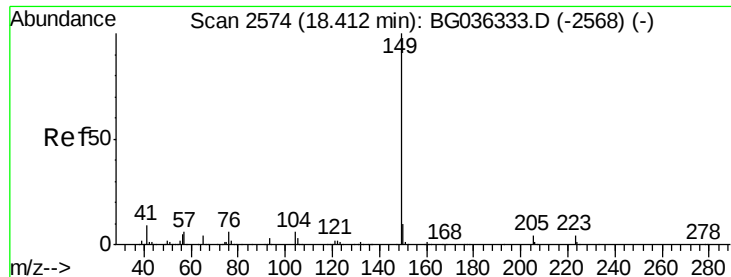
Sohil  
 8/23/2018 10:58:44 AM



#75  
 Carbazole  
 Concen: 4.173 ng/uL  
 RT: 17.84 min Scan# 2476  
 Delta R.T. -0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 167     | 100   |            |            |
| 166     | 22.8  | 17.0       | 25.4       |
| 139     | 12.8  | 9.1        | 13.7       |





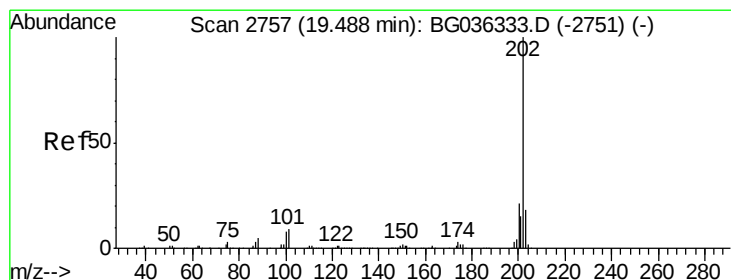
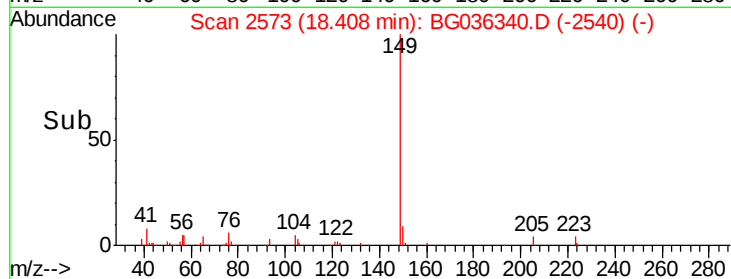
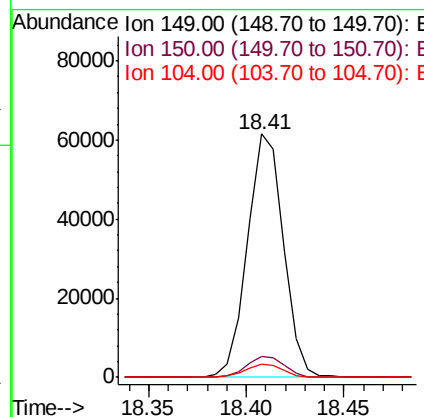
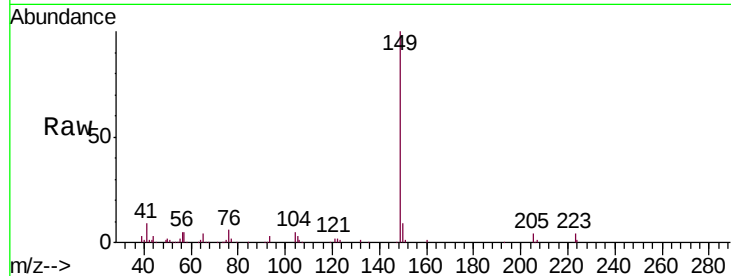
#76  
Di-n-butylphthalate  
Concen: 3.828 ng/ul  
RT: 18.41 min Scan# 2573  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 78637 |       |       |
| 150     | 8.7   |       | 7.5   | 11.3  |
| 104     | 5.4   |       | 4.1   | 6.1   |

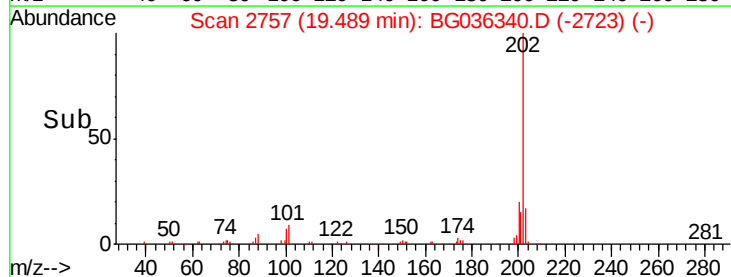
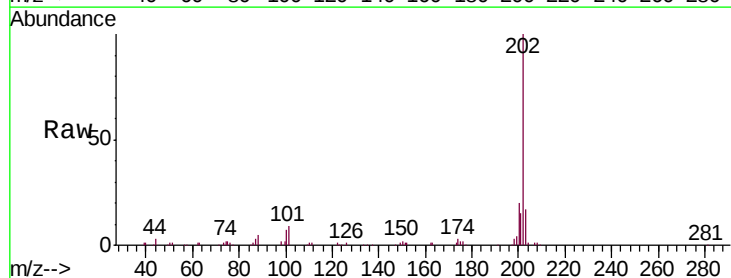
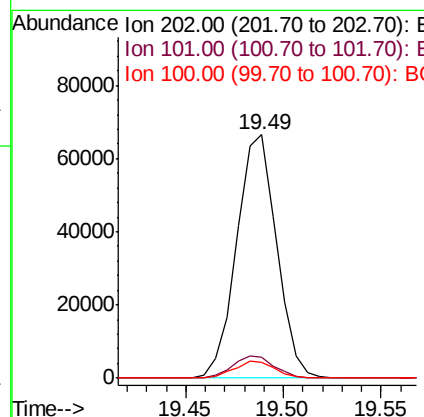
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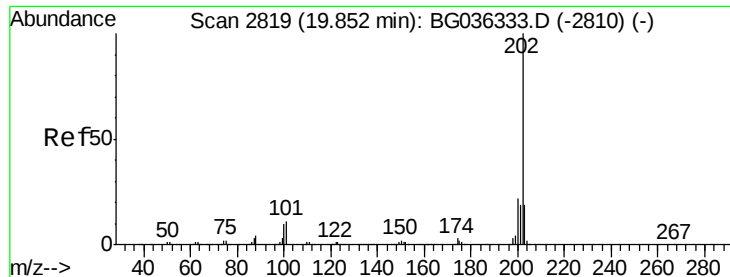
Sohil  
8/23/2018 10:58:44 AM



#77  
Fluoranthene  
Concen: 4.373 ng/ul  
RT: 19.49 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 202     | 100   | 94240 |       |       |
| 101     | 8.6   |       | 6.1   | 9.1   |
| 100     | 6.6   |       | 4.6   | 7.0   |





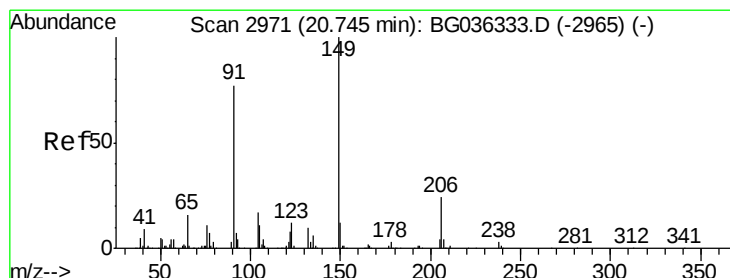
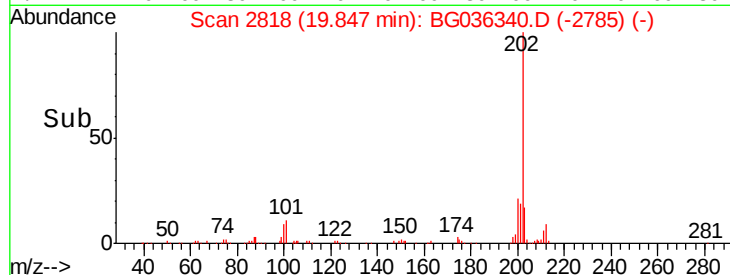
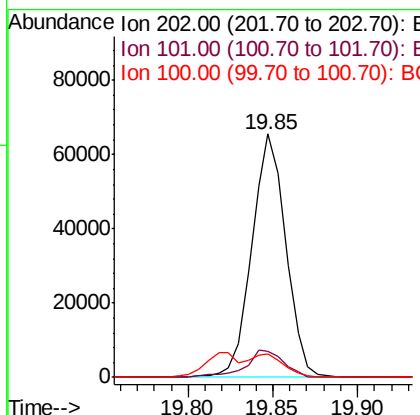
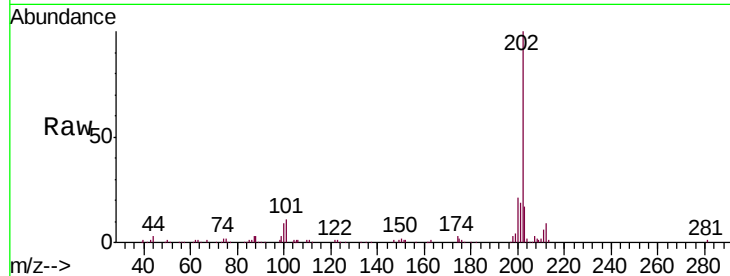
#80  
Pyrene  
Concen: 3.922 ng/ul  
RT: 19.85 min Scan# 2818  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 10.8  | 6.9        | 10.3#      |
| 100     | 9.4   | 5.6        | 8.4#       |

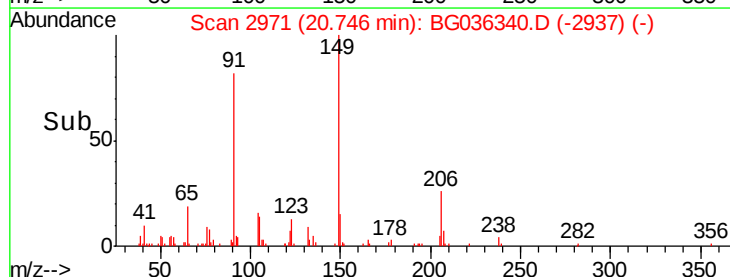
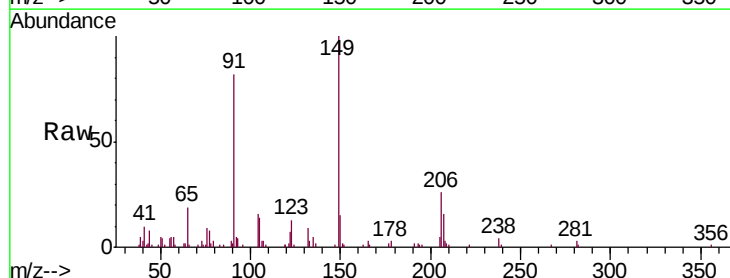
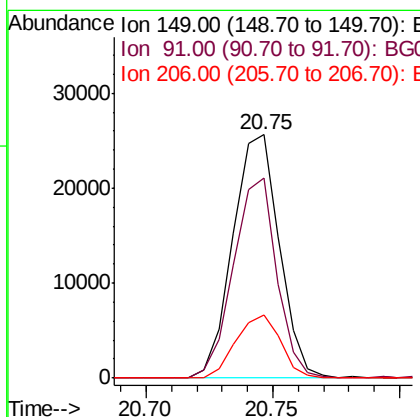
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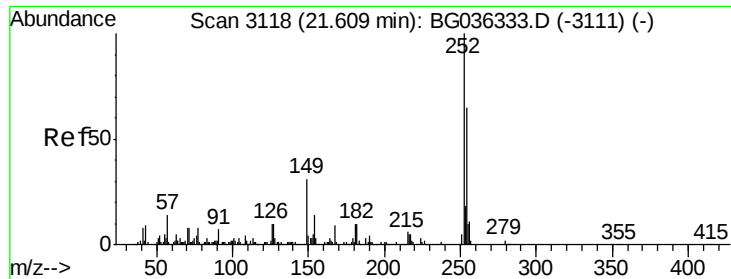
Sohil  
8/23/2018 10:58:44 AM



#81  
Butylbenzylphthalate  
Concen: 3.444 ng/ul  
RT: 20.75 min Scan# 2971  
Delta R.T. 0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 82.4  | 53.4       | 80.0#      |
| 206     | 26.1  | 19.3       | 28.9       |





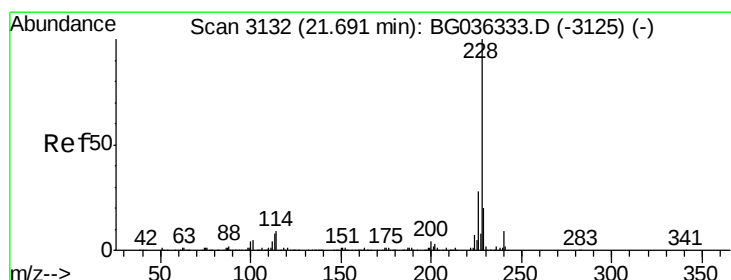
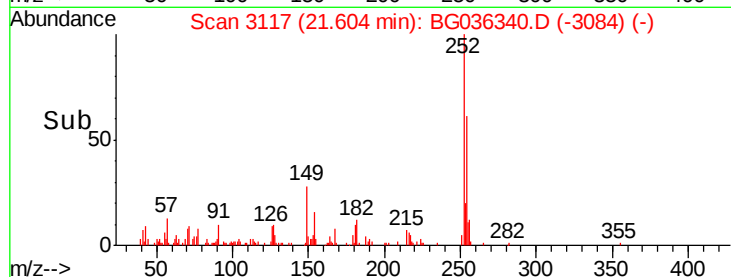
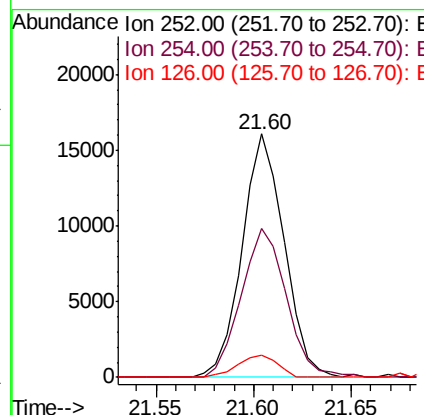
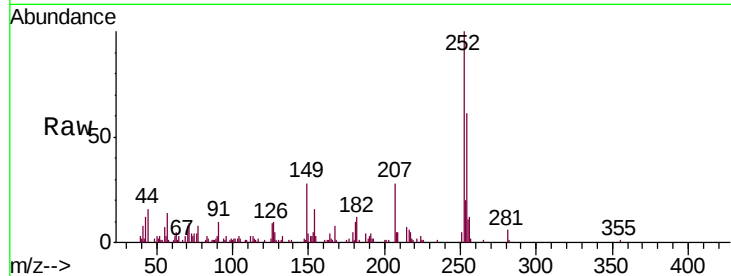
#82  
 3,3'-Dichlorobenzidine  
 Concen: 3.024 ng/ul  
 RT: 21.60 min Scan# 3117  
 Delta R.T. -0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-W-07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 61.2  | 52.8  | 79.2  |
| 126     | 9.0   | 6.9   | 10.3  |

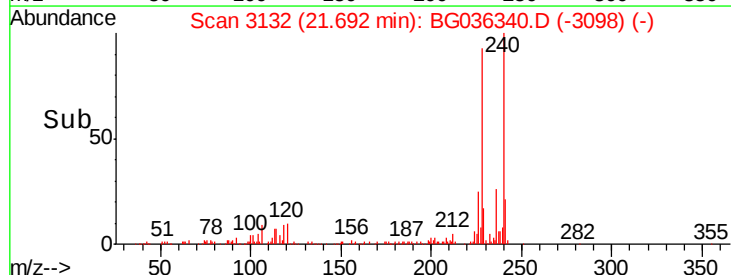
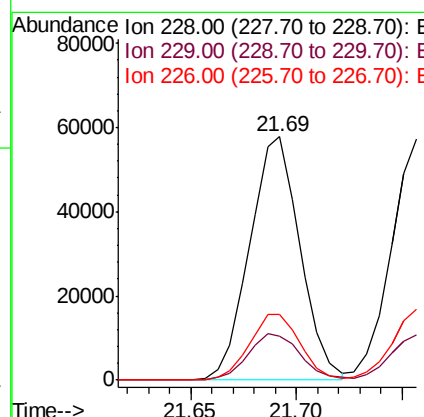
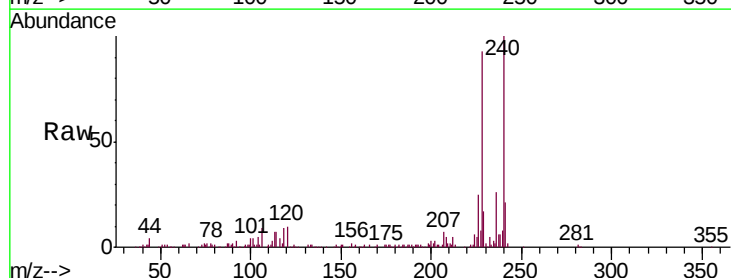
Manual Integrations  
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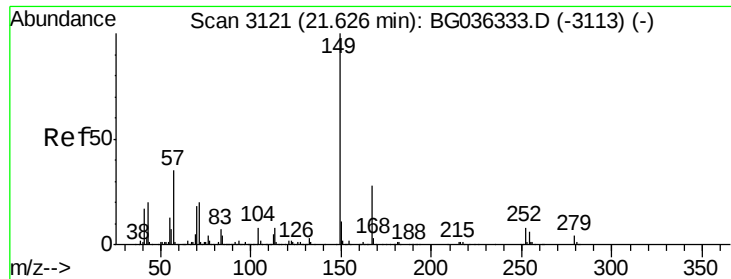
Sohil  
 8/23/2018 10:58:44 AM



#83  
 Benzo(a)anthracene  
 Concen: 3.936 ng/ul  
 RT: 21.69 min Scan# 3132  
 Delta R.T. 0.00 min  
 Lab File: BG036340.D  
 Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 18.3  | 16.0  | 24.0  |
| 226     | 26.9  | 21.8  | 32.8  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.668 ng/ul

RT: 21.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BG036340.D

Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

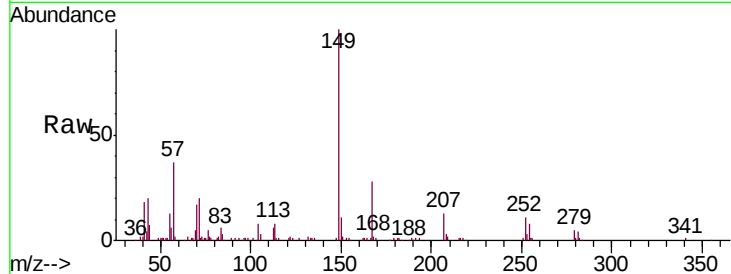
ClientSampleId :

MDL-W-07

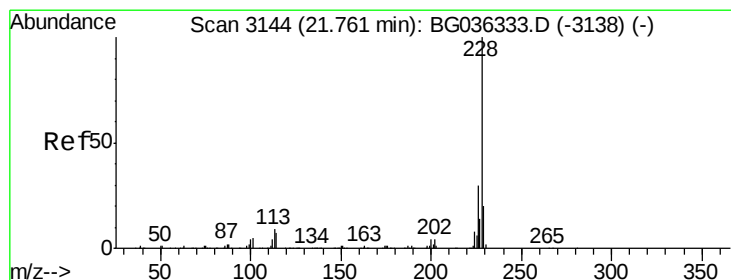
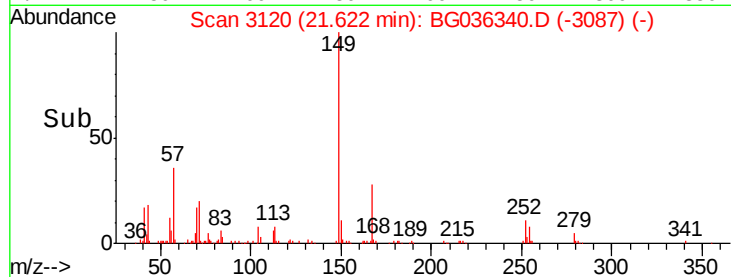
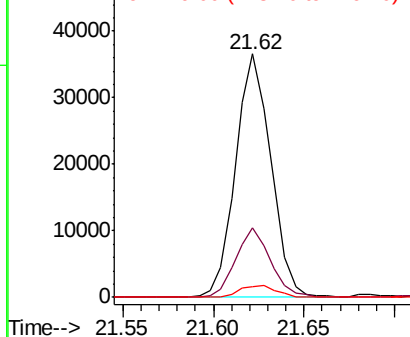
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 49638 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 28.5  | 23.0  | 34.6  |
| 279       | 4.5   | 4.3   | 6.5   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 3.961 ng/ul

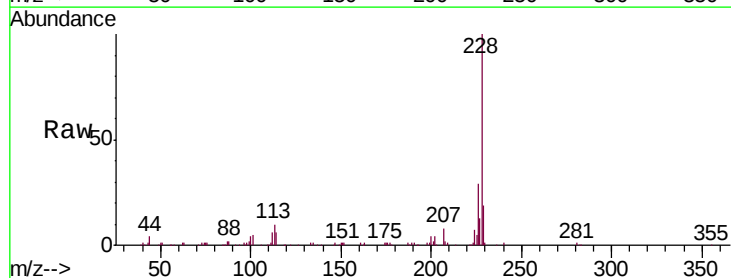
RT: 21.76 min Scan# 3143

Delta R.T. -0.00 min

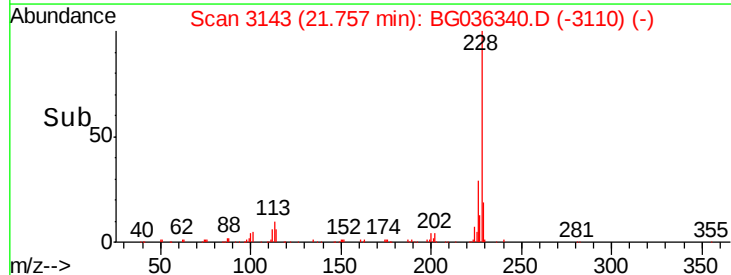
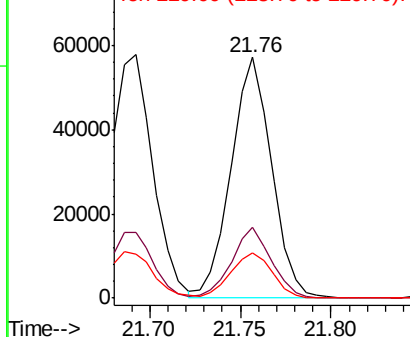
Lab File: BG036340.D

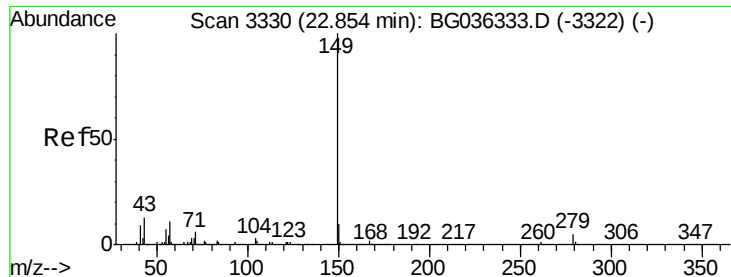
Acq: 22 Aug 2018 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 88340 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.2  | 24.1  | 36.1  |
| 229       | 18.6  | 16.0  | 24.0  |



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





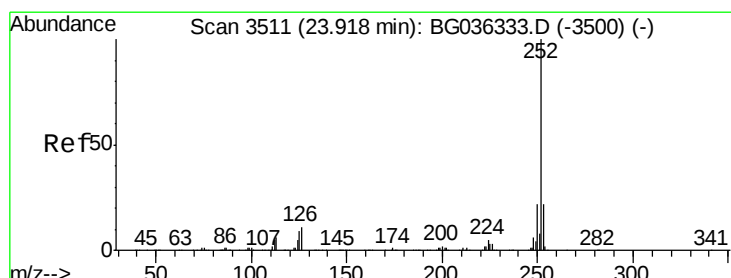
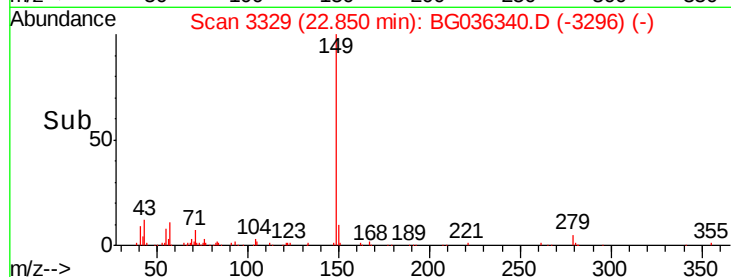
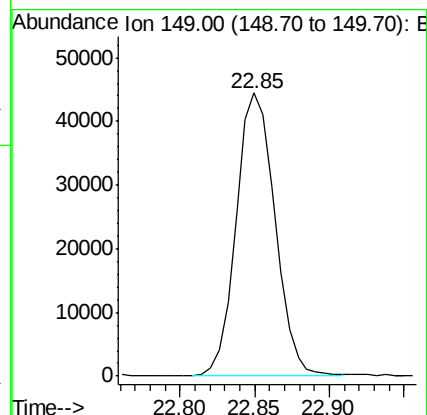
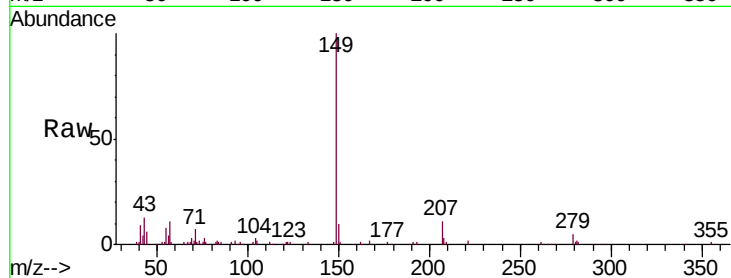
#87  
Di-n-octyl phthalate  
Concen: 3.821 ng/ul  
RT: 22.85 min Scan# 3329  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

Tgt Ion:149 Resp: 80388

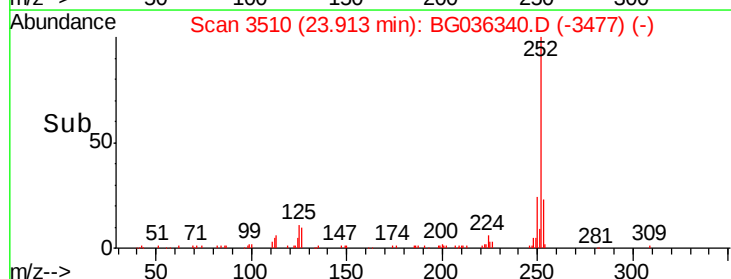
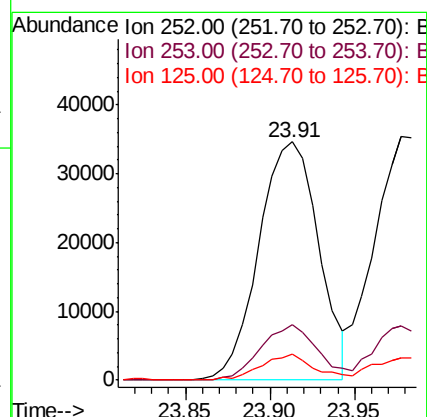
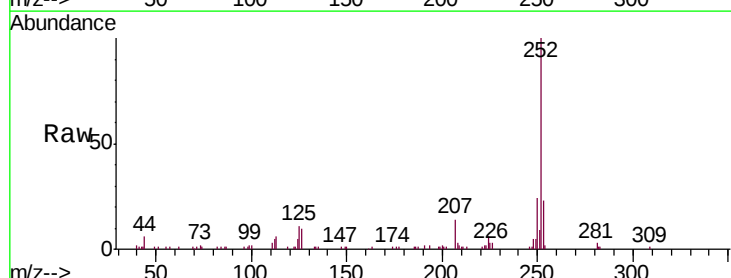
Manual Integrations  
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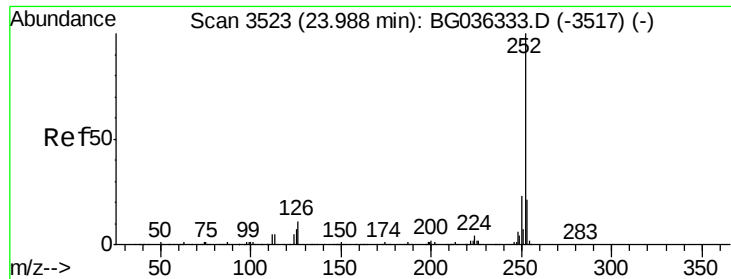
Sohil  
8/23/2018 10:58:44 AM



#88  
Benzo(b)fluoranthene  
Concen: 3.838 ng/ul  
RT: 23.91 min Scan# 3510  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Tgt Ion:252 Resp: 85059  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.4 26.0  
125 11.1 4.9 7.3#





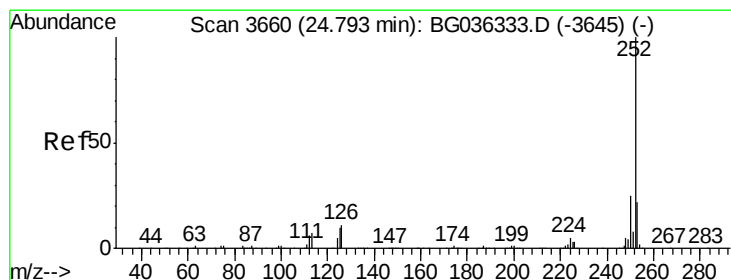
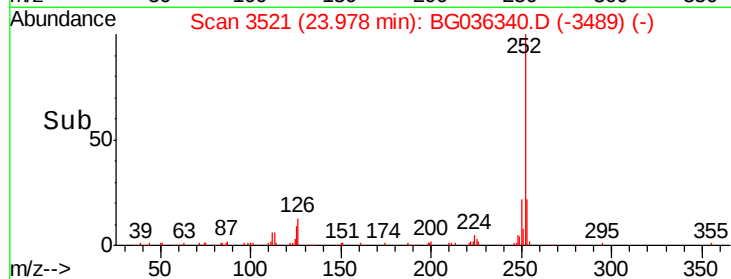
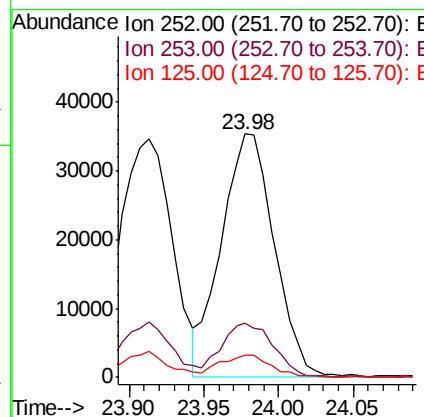
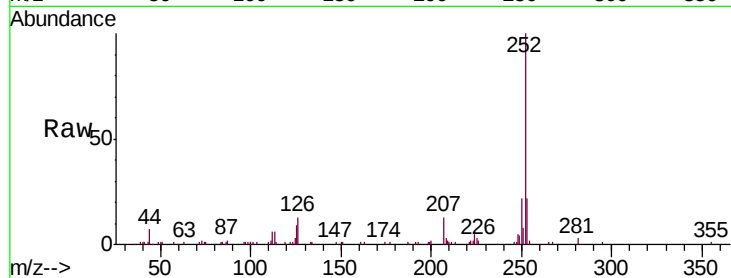
#89  
Benzo(k)fluoranthene  
Concen: 4.090 ng/ul  
RT: 23.98 min Scan# 3521  
Delta R.T. -0.01 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.1  | 25.7  |
| 125     | 8.9   | 5.4   | 8.0   |

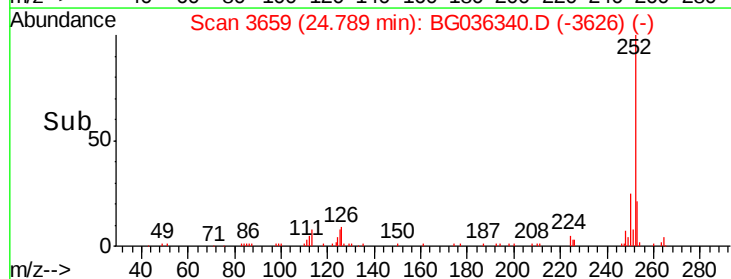
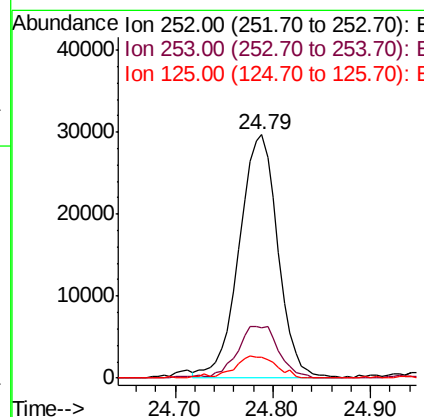
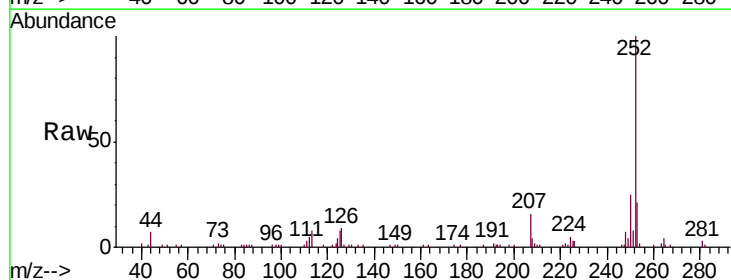
Manual Integrations  
APPROVED

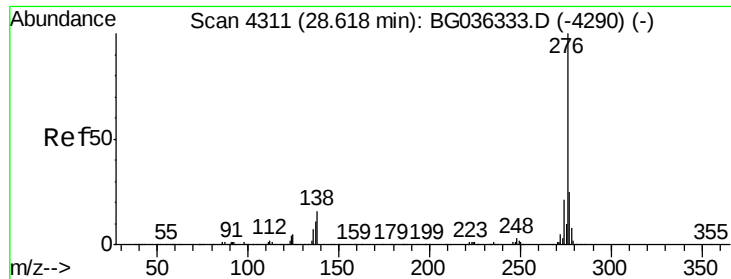
Sohil  
8/23/2018 10:58:44 AM



#91  
Benzo(a)pyrene  
Concen: 3.926 ng/ul  
RT: 24.79 min Scan# 3659  
Delta R.T. -0.00 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.7  | 17.2  | 25.8  |
| 125     | 8.4   | 5.8   | 8.6   |





#92

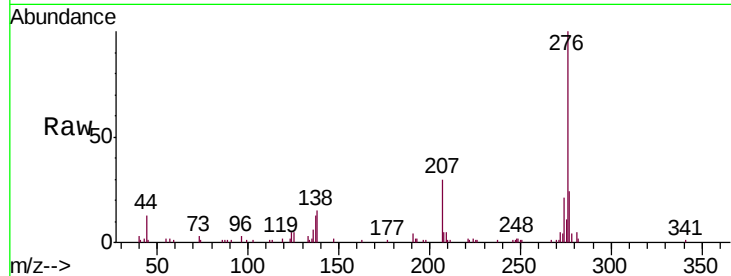
Indeno(1,2,3-cd)pyrene  
Concen: 3.815 ng/ul  
RT: 28.59 min Scan# 4306  
Delta R.T. -0.03 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-W-07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 14.8  | 10.9  | 16.3  |
| 277     | 23.9  | 18.9  | 28.3  |

Manual Integrations  
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Sohil  
8/23/2018 10:58:44 AM

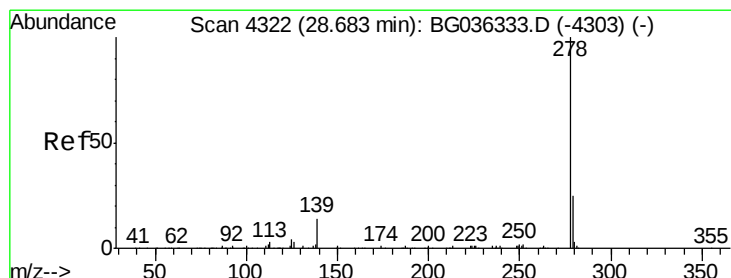
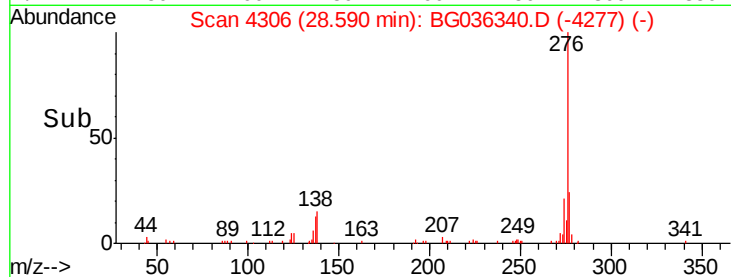
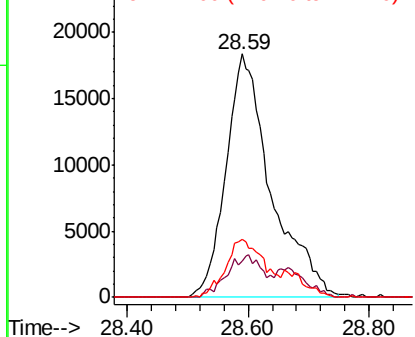


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene  
Concen: 3.892 ng/ul m  
RT: 28.67 min Scan# 4319  
Delta R.T. -0.02 min  
Lab File: BG036340.D  
Acq: 22 Aug 2018 13:22

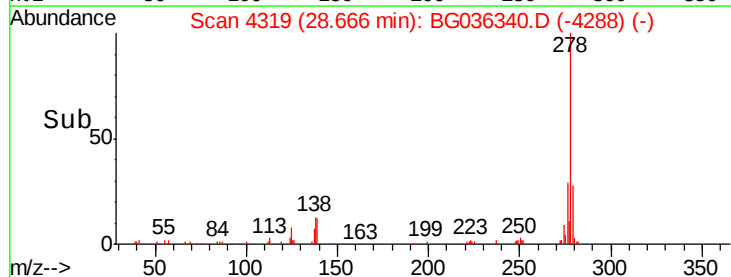
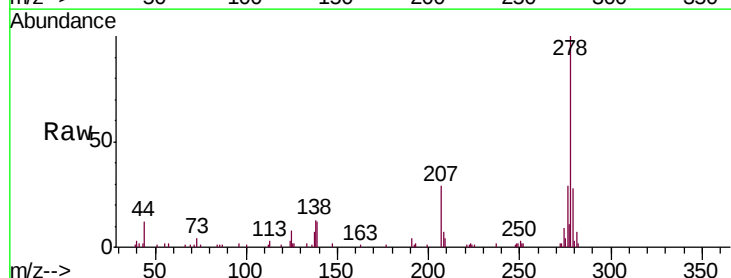
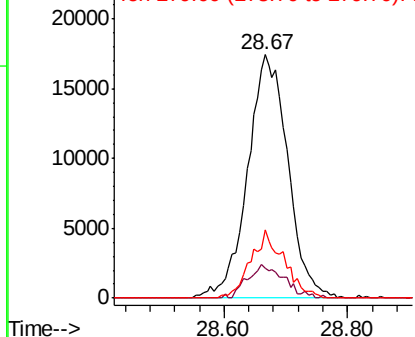
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.3  | 9.0   | 13.4  |
| 279     | 27.8  | 19.1  | 28.7  |

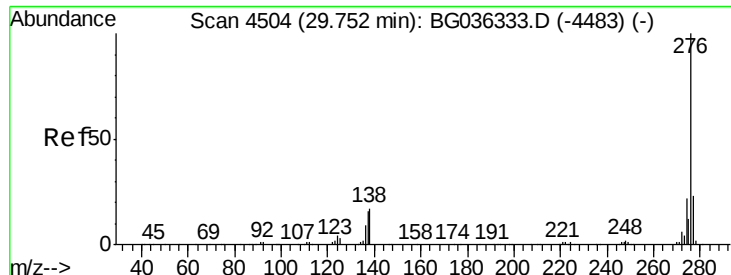
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 3.891 ng/ul m

RT: 29.72 min Scan# 4499

Delta R.T. -0.03 min

Lab File: BG036340.D

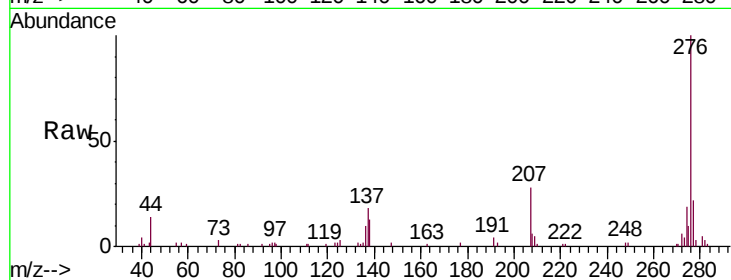
Acq: 22 Aug 2018 13:22

Instrument :

BNA\_G

ClientSampleId :

MDL-W-07



|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 276  | Resp: | 80123 |
| Ion Ratio |      | Lower | Upper |
| 276       | 100  |       |       |
| 138       | 12.8 | 11.2  | 16.8  |
| 277       | 21.9 | 19.0  | 28.6  |

Manual Integrations  
APPROVED

Sohil  
8/23/2018 10:58:44 AM

