

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\  
 Data File : BG039895.D  
 Acq On : 13 Mar 2019 5:27  
 Operator : JU/SJ  
 Sample : K1697-06MS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

Manual Integrations  
 APPROVED

Sohil  
 3/13/2019 5:49:31 PM

Quant Time: Mar 13 07:16:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 05:34:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 39155    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.97 | 136  | 156789   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.78 | 164  | 110910   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.52 | 188  | 279104   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.81 | 240  | 283695   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.18 | 264  | 296627   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.70  | 112 | 329474  | 143.55 | ng | 0.00 |
| 7) Phenol-d6                | 7.30  | 99  | 433353  | 126.63 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.33  | 82  | 319907  | 110.35 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.27 | 330 | 219307  | 169.65 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.40 | 172 | 758564  | 97.38  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.11 | 244 | 1295260 | 100.53 | ng | 0.00 |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.60  | 88   | 40906    | 38.605 | ng    | # 1    |
| 3) Pyridine                    | 4.00  | 79   | 94861    | 33.440 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.91  | 42   | 55746    | 41.425 | ng    | 94     |
| 6) Aniline                     | 7.48  | 93   | 41046    | 9.155  | ng    | 95     |
| 8) 2-Chlorophenol              | 7.71  | 128  | 119659   | 42.975 | ng    | 98     |
| 9) Benzaldehyde                | 7.30  | 77   | 57813    | 26.189 | ng    | 95     |
| 10) Phenol                     | 7.33  | 94   | 134682   | 36.329 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93   | 118418   | 40.968 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146  | 131118   | 41.637 | ng    | 95     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146  | 131706   | 41.060 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146  | 127399   | 41.107 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.40  | 79   | 116604   | 42.954 | ng    | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67  | 45   | 237916   | 41.155 | ng    | 99     |
| 17) 2-Methylphenol             | 8.58  | 107  | 101797   | 43.063 | ng    | 99     |
| 18) Hexachloroethane           | 9.24  | 117  | 46856    | 40.711 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70   | 97183    | 39.454 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.91  | 107  | 139901   | 42.601 | ng    | 99     |
| 22) Acetophenone               | 8.98  | 105  | 186854   | 44.403 | ng    | # 95   |
| 24) Nitrobenzene               | 9.38  | 77   | 146613   | 48.208 | ng    | 97     |
| 25) Isophorone                 | 9.89  | 82   | 281226   | 46.298 | ng    | 98     |
| 26) 2-Nitrophenol              | 10.08 | 139  | 69843    | 47.565 | ng    | # 91   |
| 27) 2,4-Dimethylphenol         | 10.12 | 122  | 124526   | 54.528 | ng    | 91     |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93   | 168543   | 45.659 | ng    | 96     |
| 29) 2,4-Dichlorophenol         | 10.62 | 162  | 135651   | 52.758 | ng    | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.83 | 180  | 133105   | 46.005 | ng    | 99     |
| 31) Naphthalene                | 11.03 | 128  | 387554   | 46.686 | ng    | 99     |
| 32) Benzoic acid               | 10.24 | 122  | 39572    | 28.366 | ng    | 97     |
| 33) 4-Chloroaniline            | 11.14 | 127  | 9649     | 2.741  | ng    | # 90   |
| 34) Hexachlorobutadiene        | 11.29 | 225  | 87595    | 44.304 | ng    | 97     |
| 35) Caprolactam                | 11.91 | 113  | 33292m   | 33.896 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107  | 148776   | 50.476 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.62 | 142  | 294134   | 47.393 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.84 | 142  | 282893   | 46.904 | ng    | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216  | 162569   | 43.267 | ng    | 98     |

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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 05:34:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.94 | 237  | 184340   | 91.548 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.21 | 196  | 114272   | 51.947 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.29 | 196  | 125804   | 50.737 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.61 | 154  | 405684   | 44.472 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 313896   | 45.740 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.87 | 65   | 114750   | 52.031 | nq    | 99       |
| 49) Acenaphthylene             | 14.50 | 152  | 513612   | 45.591 | nq    | 99       |
| 50) Dimethylphthalate          | 14.23 | 163  | 433726   | 46.767 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.36 | 165  | 96845    | 49.258 | nq    | 98       |
| 52) Acenaphthene               | 14.85 | 154  | 314232   | 46.344 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.69 | 138  | 15881    | 8.036  | nq #  | 91       |
| 54) 2,4-Dinitrophenol          | 14.89 | 184  | 39572    | 35.075 | nq    | 97       |
| 55) Dibenzofuran               | 15.17 | 168  | 516799   | 46.455 | nq    | 100      |
| 56) 4-Nitrophenol              | 14.99 | 139  | 125647   | 71.069 | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.14 | 165  | 139983   | 50.671 | nq #  | 91       |
| 58) Fluorene                   | 15.83 | 166  | 415567   | 47.518 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 125876   | 51.981 | nq    | 96       |
| 60) Diethylphthalate           | 15.58 | 149  | 447105   | 48.700 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.81 | 204  | 217153   | 46.531 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.86 | 138  | 97592    | 45.549 | nq    | 98       |
| 63) Azobenzene                 | 16.10 | 77   | 399094   | 47.956 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 45286    | 27.442 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 16.03 | 169  | 384409   | 47.575 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.70 | 248  | 148226   | 47.446 | nq    | 98       |
| 68) Hexachlorobenzene          | 16.82 | 284  | 149016   | 46.016 | nq    | 96       |
| 69) Atrazine                   | 16.97 | 200  | 156859   | 49.326 | nq    | 94       |
| 70) Pentachlorophenol          | 17.17 | 266  | 129055   | 63.102 | nq    | 98       |
| 71) Phenanthrene               | 17.57 | 178  | 717688   | 46.684 | nq    | 99       |
| 72) Anthracene                 | 17.66 | 178  | 721193   | 48.140 | nq    | 99       |
| 73) Carbazole                  | 17.93 | 167  | 637193   | 47.180 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.46 | 149  | 776766   | 48.883 | nq    | 100      |
| 75) Fluoranthene               | 19.57 | 202  | 855826   | 47.105 | nq    | 99       |
| 77) Benzidine                  | 19.75 | 184  | 40927    | 4.546  | nq    | 99       |
| 78) Pyrene                     | 19.93 | 202  | 867381   | 47.052 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.80 | 149  | 360680   | 50.501 | nq    | 95       |
| 81) Benzo(a)anthracene         | 21.79 | 228  | 827001   | 46.513 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 71385    | 10.997 | nq    | 97       |
| 83) Chrysene                   | 21.86 | 228  | 795567   | 46.154 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 499426   | 49.762 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.91 | 149  | 855279   | 51.467 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.06 | 276  | 914161   | 46.749 | nq #  | 96       |
| 88) Benzo(b)fluoranthene       | 24.10 | 252  | 836987   | 47.318 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.17 | 252  | 796738   | 48.389 | nq    | 99       |
| 90) Benzo(a)pyrene             | 25.03 | 252  | 810582   | 49.592 | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 29.13 | 278  | 745875   | 46.547 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.27 | 276  | 736772   | 45.781 | nq    | 99       |

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





#1

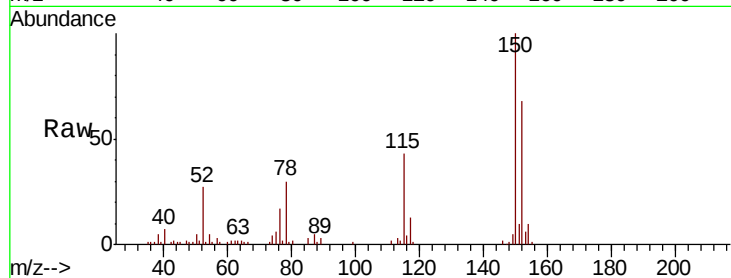
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.1 | 123.7 | 185.5 |
| 115     | 63.6  | 45.9  | 68.9  |

Manual Integrations  
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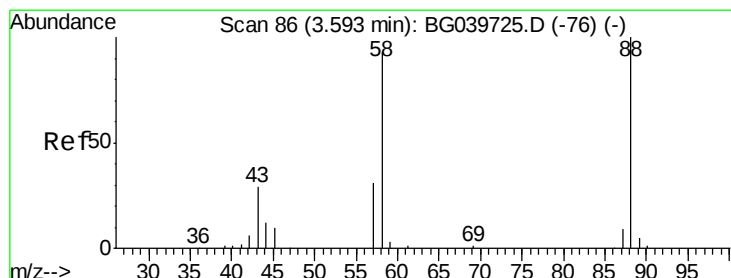
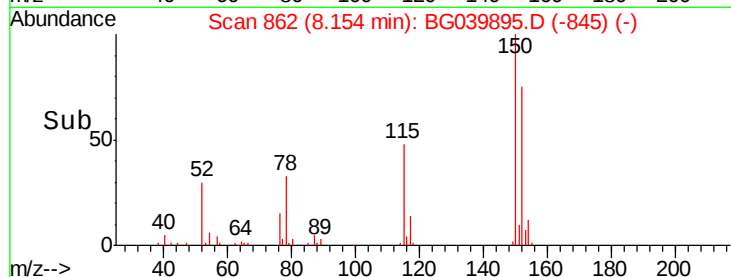
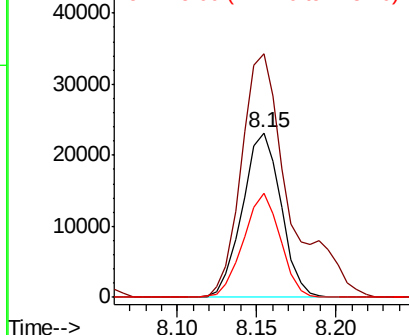


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

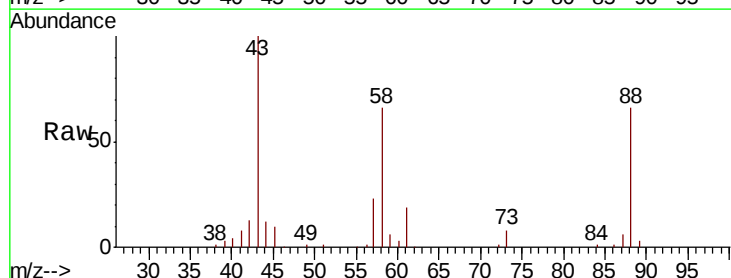
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 38.605 ng  
RT: 3.60 min Scan# 87  
Delta R.T. 0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 100.4 | 81.1  | 121.7 |
| 43      | 270.3 | 31.4  | 47.0  |

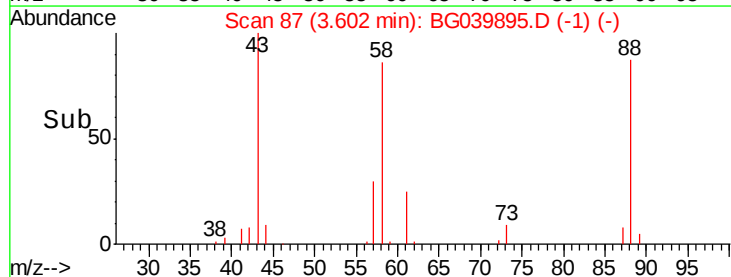
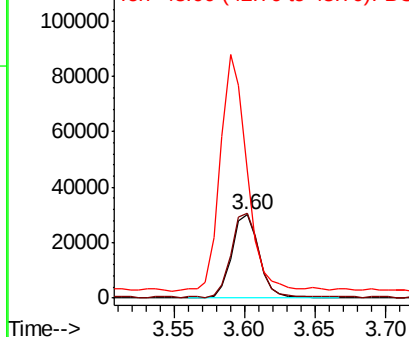


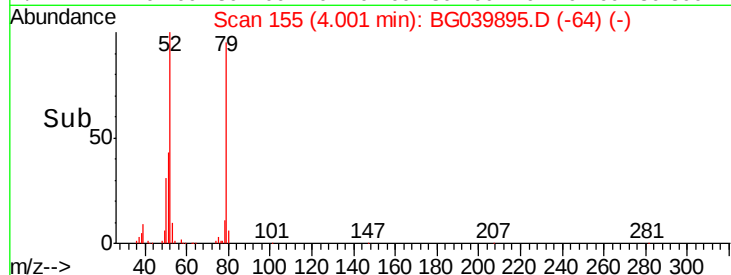
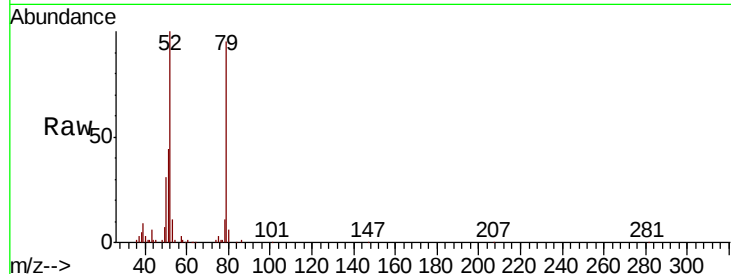
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





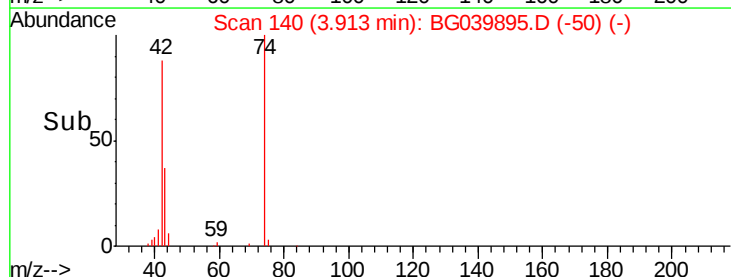
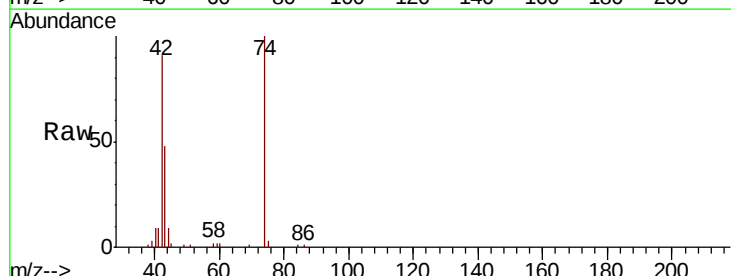
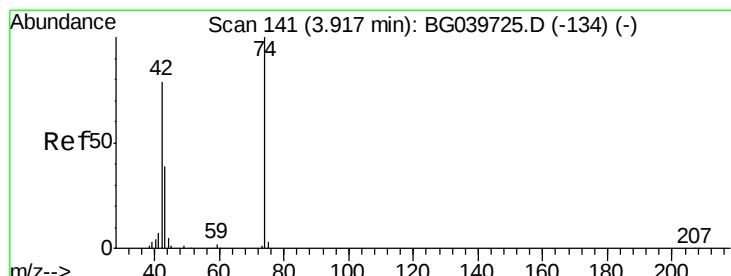
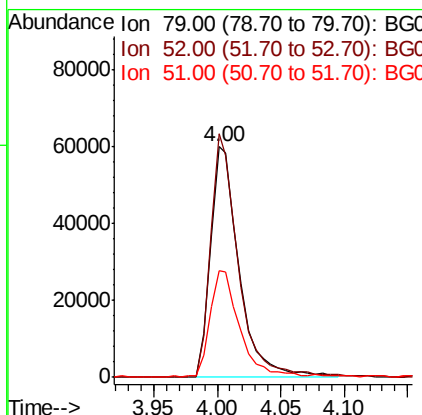
#3  
 Pvridine  
 Concen: 33.440 ng  
 RT: 4.00 min Scan# 155  
 Delta R.T. 0.01 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 94861 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 105.6 | 82.6  | 124.0 |
| 51        | 46.3  | 37.5  | 56.3  |

Instrument :  
 BNA\_G  
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 SU-04-031119-AMS

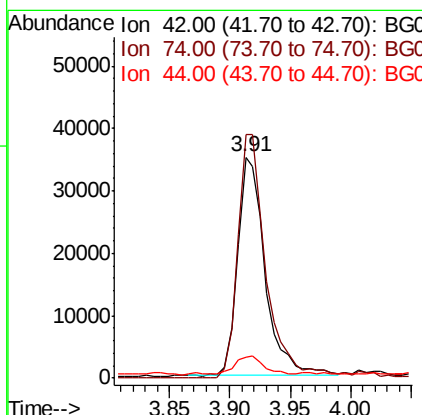
Manual Integrations  
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 3/13/2019 5:49:31 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 41.425 ng  
 RT: 3.91 min Scan# 140  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 55746 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 110.4 | 83.6  | 125.4 |
| 44        | 9.7   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 143.554 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

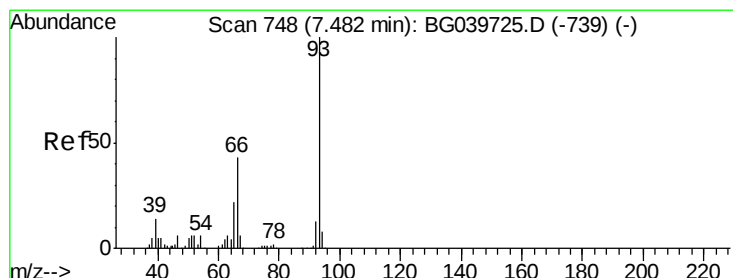
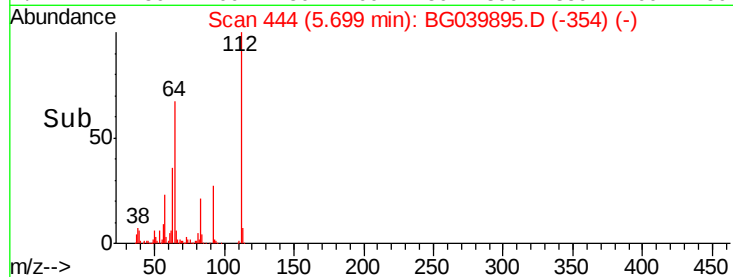
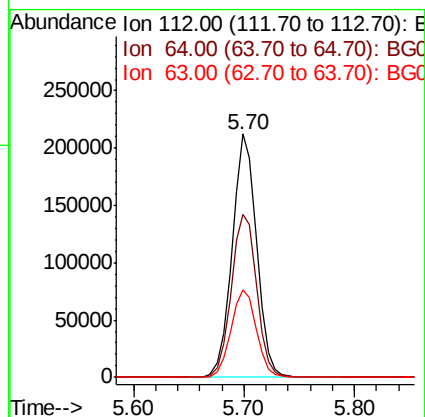
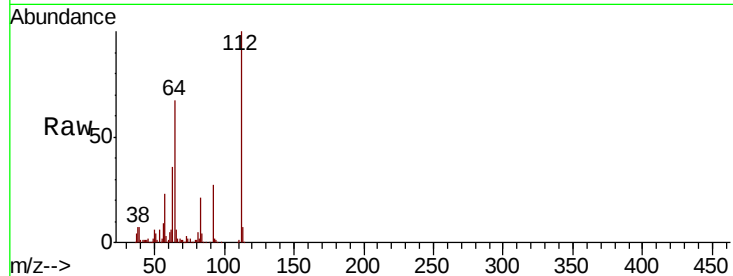
ClientSampleId :

SU-04-031119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 329474 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.1  | 57.8  | 86.8   |
| 63        | 36.0  | 29.8  | 44.6   |

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#6

Aniline

Concen: 9.155 ng

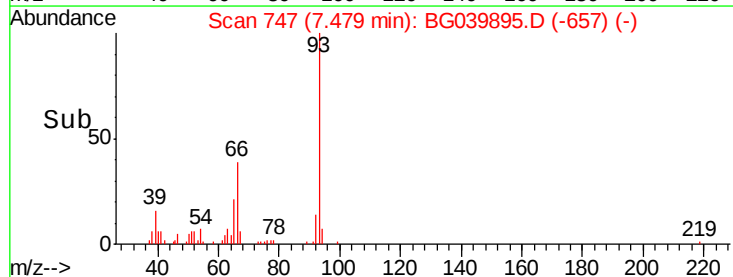
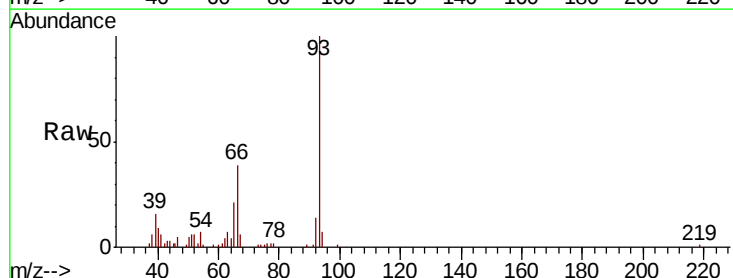
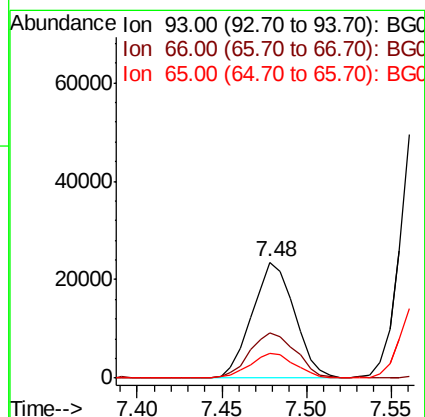
RT: 7.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 41046 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 39.0  | 34.2  | 51.4  |
| 65        | 21.2  | 17.7  | 26.5  |





#7

Phenol-d6

Concen: 126.631 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

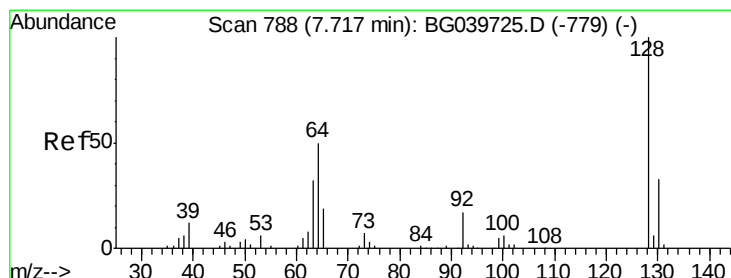
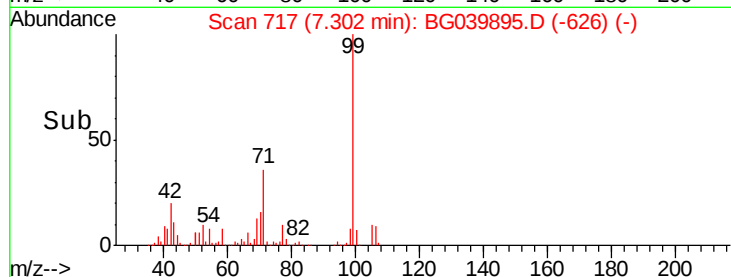
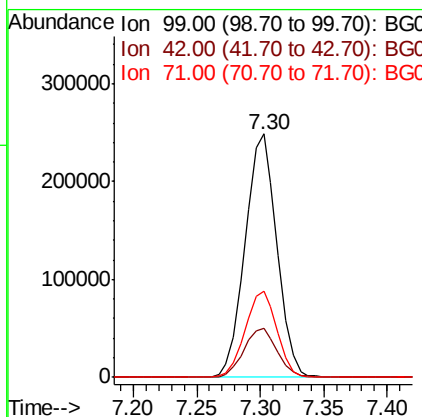
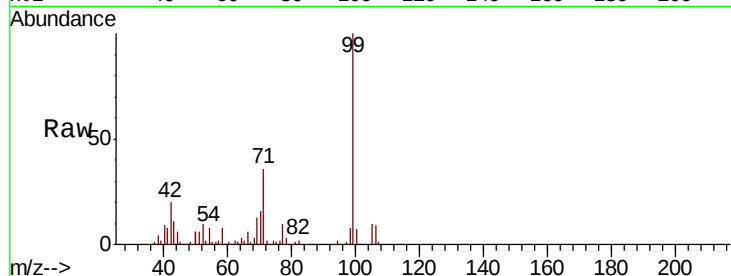
ClientSampleId :

SU-04-031119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 433353 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.0  | 18.2  | 27.2   |
| 71        | 35.6  | 28.0  | 42.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.975 ng

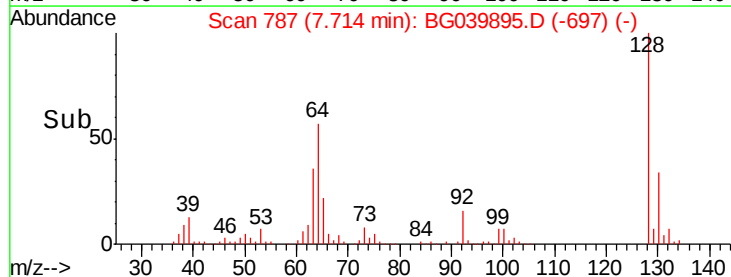
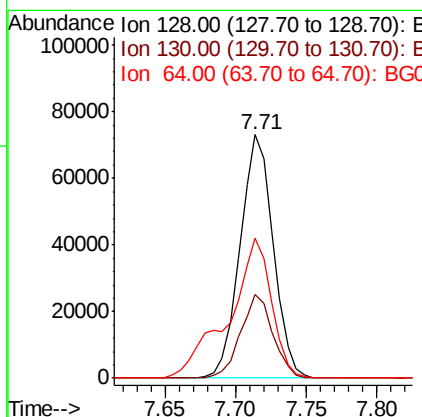
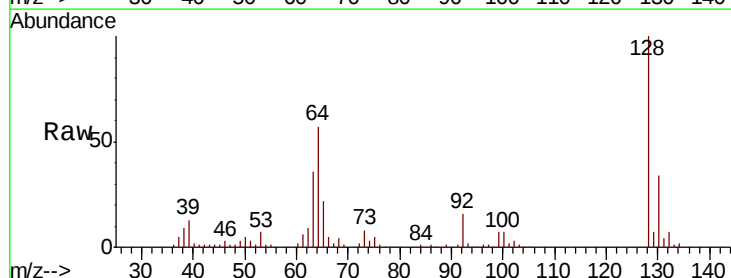
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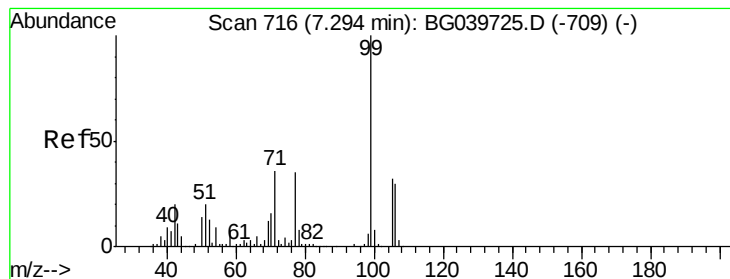
Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 119659 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 34.2  | 12.9  | 52.9   |
| 64        | 57.4  | 38.7  | 78.7   |





#9

Benzaldehyde

Concen: 26.189 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

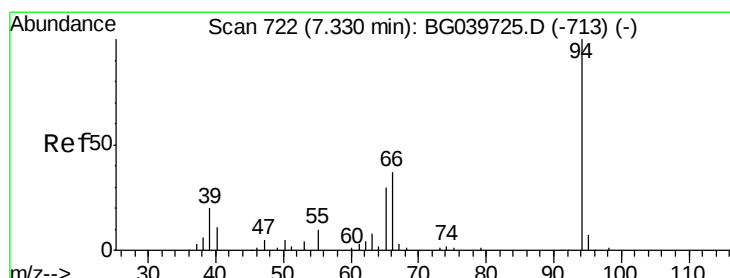
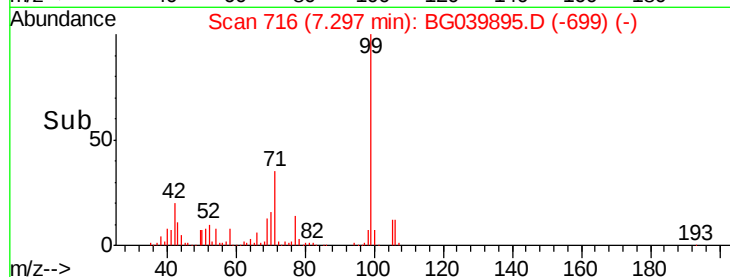
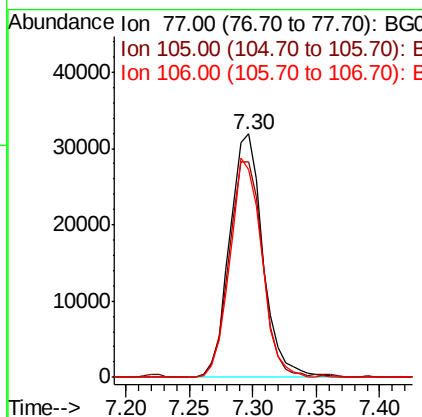
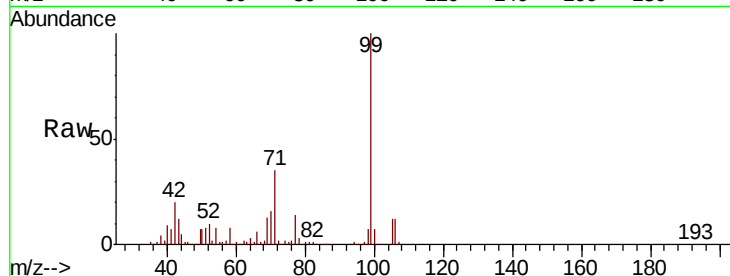
ClientSampleId :

SU-04-031119-AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 57813 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 88.3  | 74.5  | 114.5 |
| 106      | 85.4  | 68.0  | 108.0 |

Manual Integrations  
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#10

Phenol

Concen: 36.329 ng

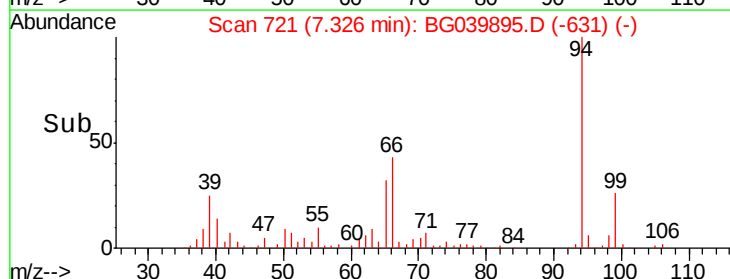
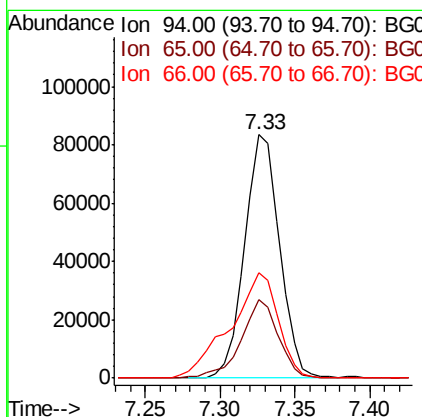
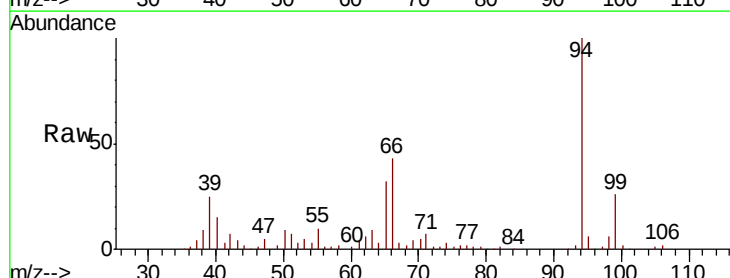
RT: 7.33 min Scan# 721

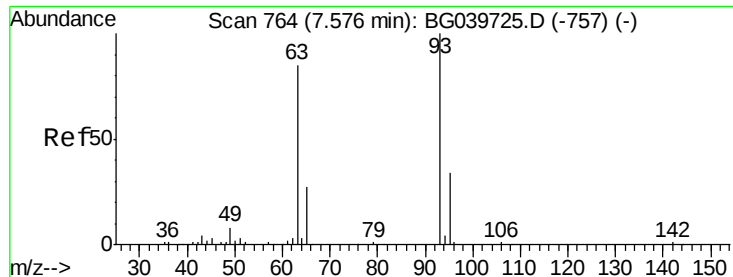
Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 134682 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.1  | 11.7  | 51.7   |
| 66       | 43.3  | 23.7  | 63.7   |





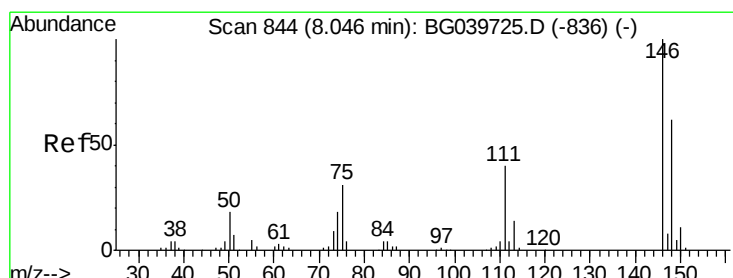
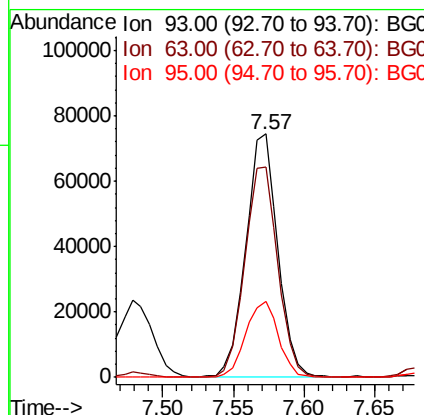
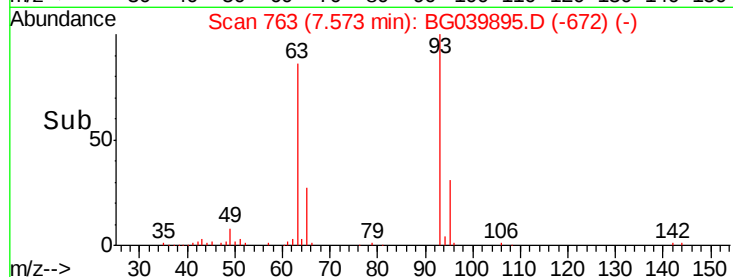
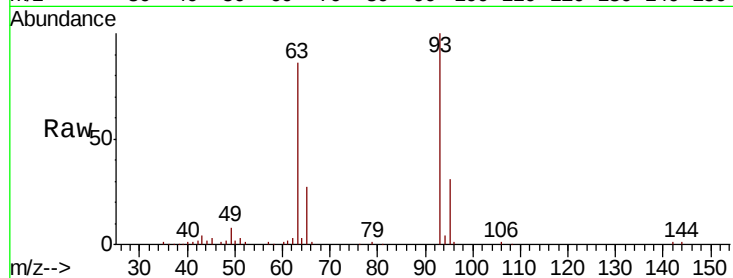
#11  
bis(2-Chloroethyl)ether  
Concen: 40.968 ng  
RT: 7.57 min Scan# 763  
Delta R.T. 0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 118418 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 86.3  | 69.5  | 109.5  |
| 95        | 31.4  | 12.7  | 52.7   |

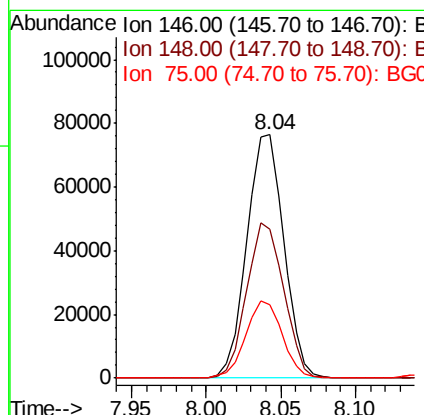
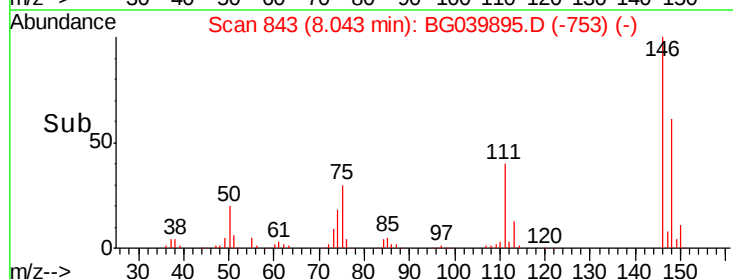
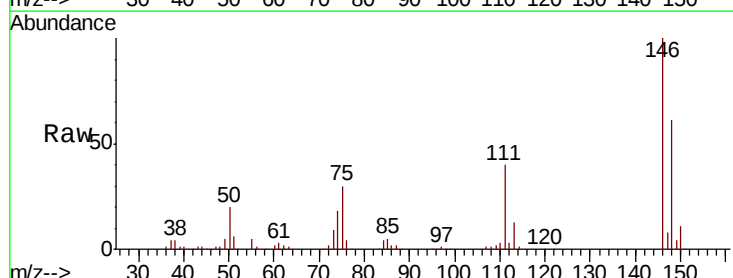
Manual Integrations  
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#12  
1,3-Dichlorobenzene  
Concen: 41.637 ng  
RT: 8.04 min Scan# 843  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 131118 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.0  | 52.6  | 79.0   |
| 75        | 30.1  | 25.8  | 38.6   |





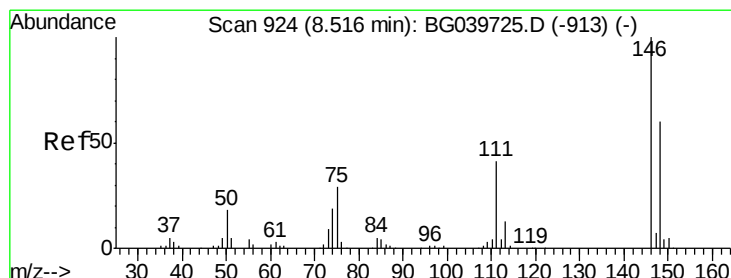
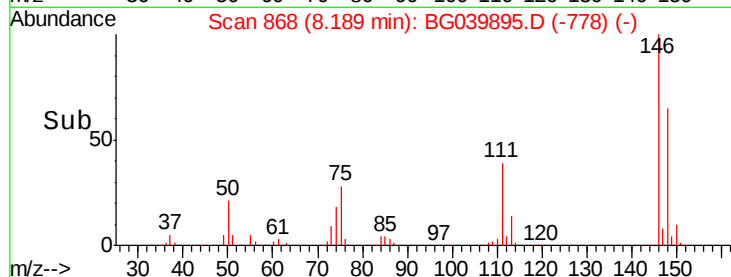
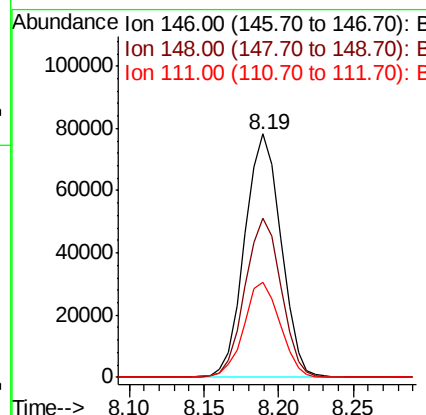
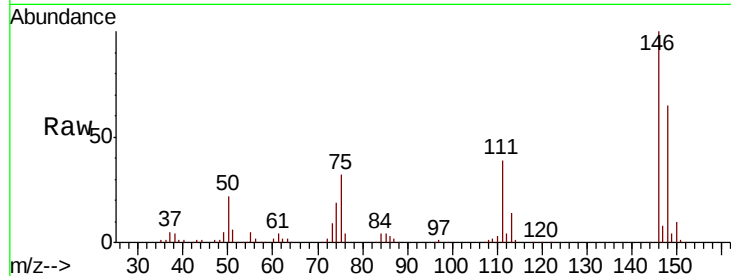
#13  
 1,4-Dichlorobenzene  
 Concen: 41.060 ng  
 RT: 8.19 min Scan# 868  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 51.1  | 76.7  |
| 111     | 39.3  | 32.6  | 48.8  |

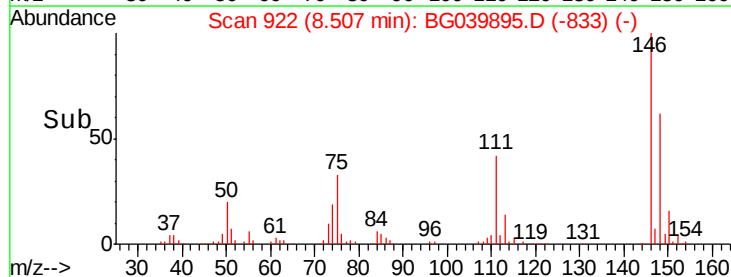
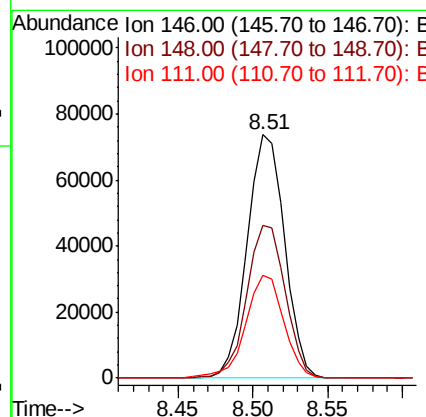
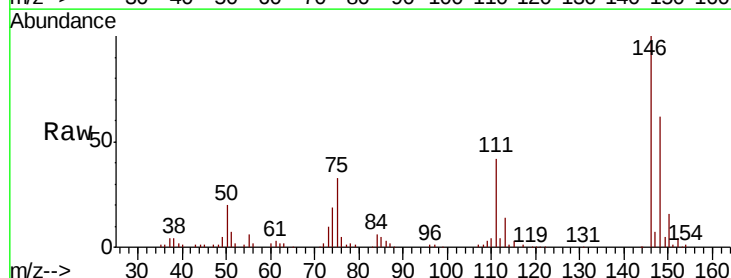
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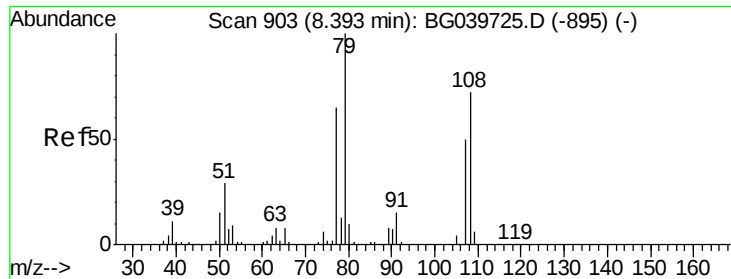
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 3/13/2019 5:49:31 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 41.107 ng  
 RT: 8.51 min Scan# 922  
 Delta R.T. -0.01 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 51.5  | 77.3  |
| 111     | 42.0  | 33.8  | 50.6  |





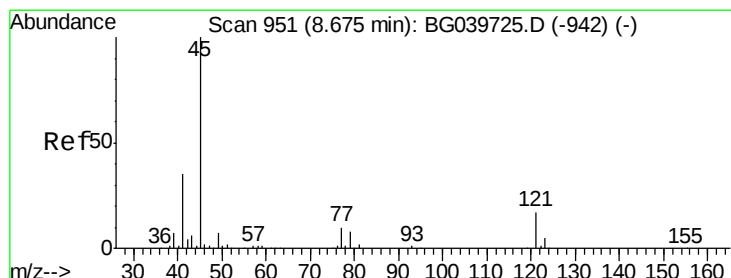
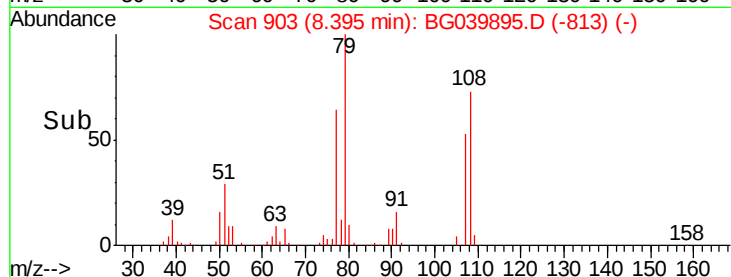
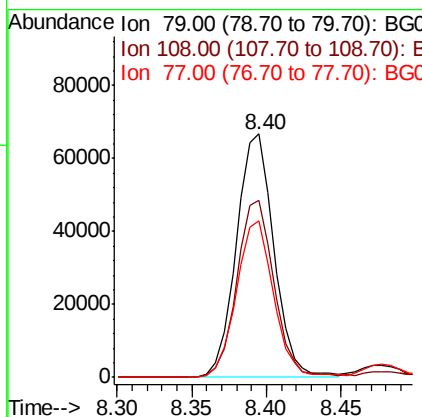
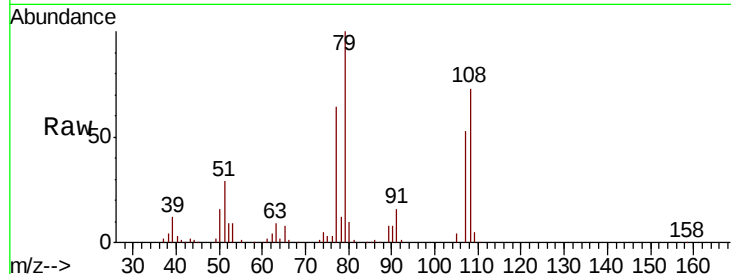
#15  
Benzyl Alcohol  
Concen: 42.954 ng  
RT: 8.40 min Scan# 903  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 72.7  | 57.8  | 86.6  |
| 77      | 64.2  | 51.1  | 76.7  |

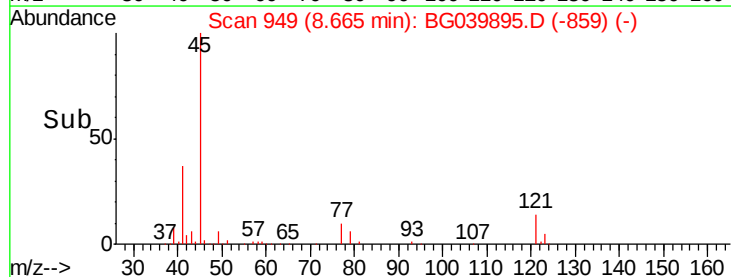
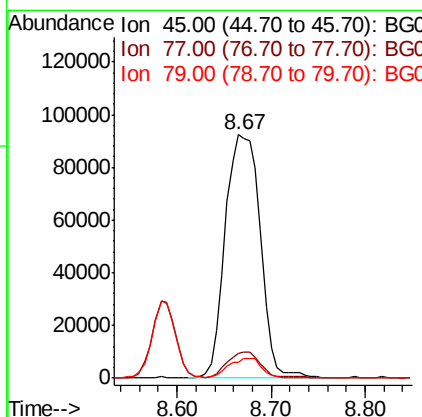
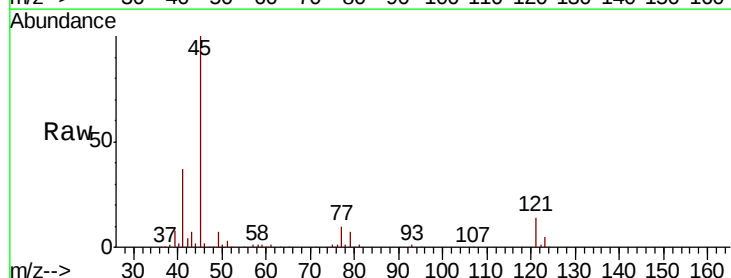
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 41.155 ng  
RT: 8.67 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 10.2  | 0.0   | 30.0  |
| 79      | 6.7   | 0.0   | 27.5  |





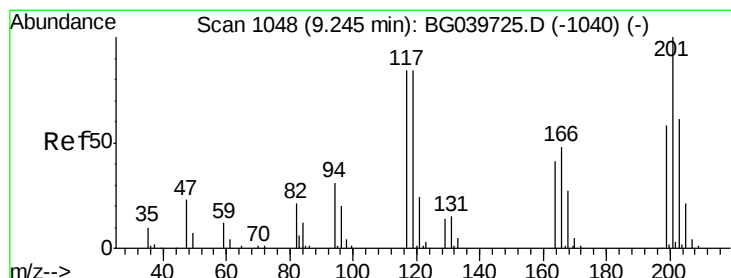
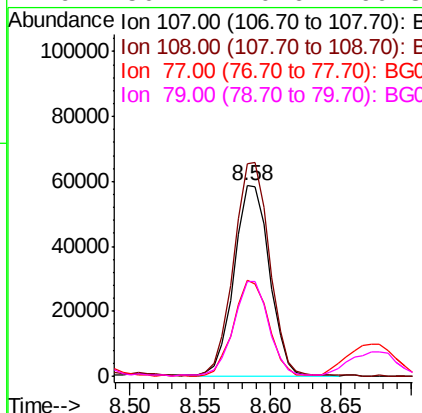
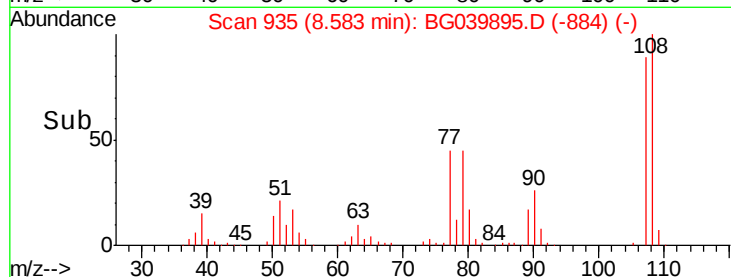
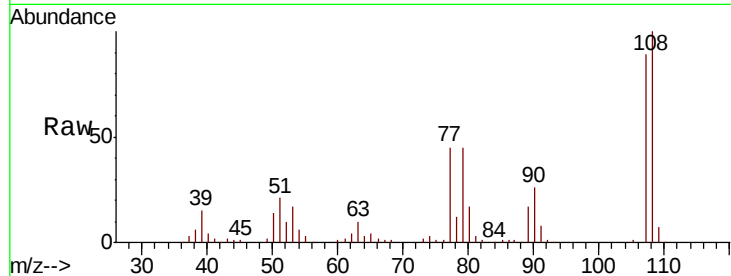
#17  
2-Methylphenol  
Concen: 43.063 ng  
RT: 8.58 min Scan# 935  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.7 | 90.8 | 136.2 |       |
| 77      | 50.3  | 40.7 | 61.1  |       |
| 79      | 50.1  | 40.6 | 60.8  |       |

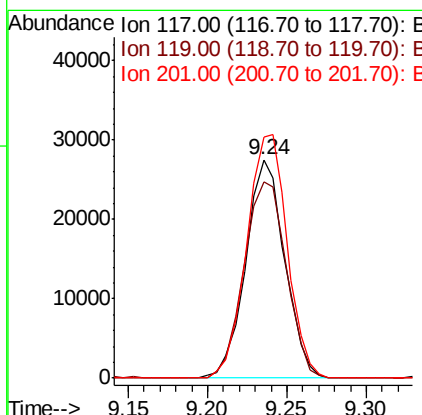
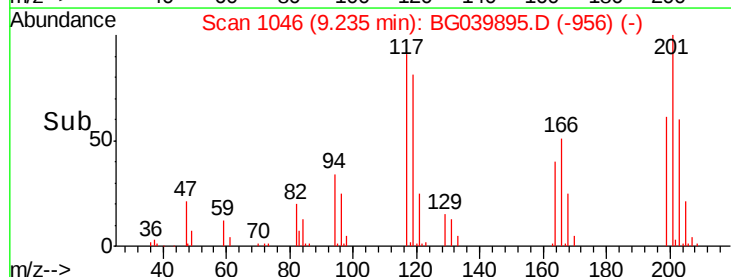
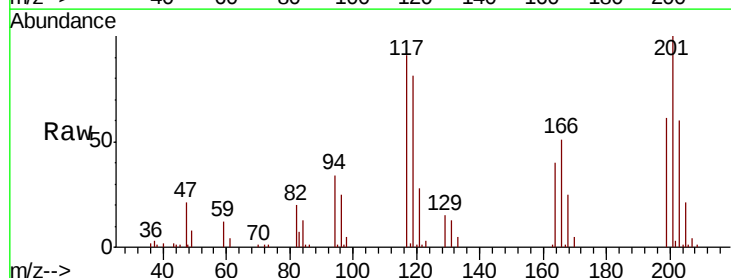
Manual Integrations  
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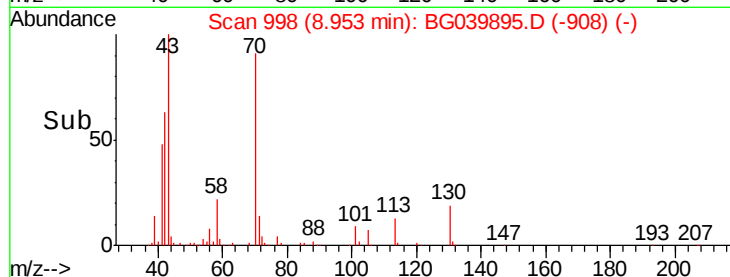
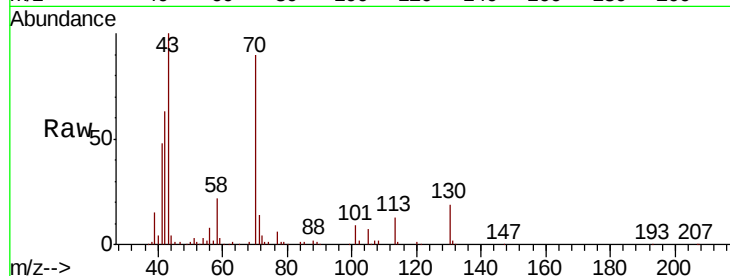
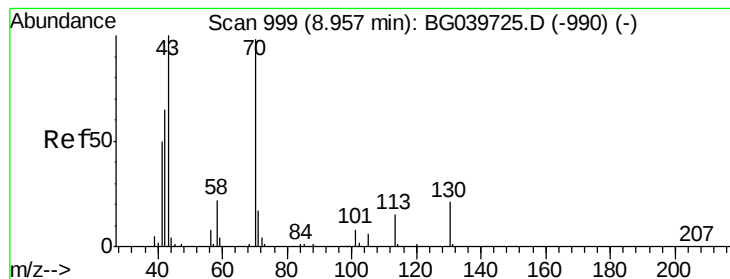
Sohil  
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#18  
Hexachloroethane  
Concen: 40.711 ng  
RT: 9.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 89.6  | 76.3 | 114.5 |       |
| 201     | 110.5 | 91.1 | 136.7 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 39.454 ng

RT: 8.95 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 69.7 | 60.4  | 90.6  |       |
| 101     | 10.1 | 7.5   | 11.3  |       |
| 130     | 21.0 | 16.9  | 25.3  |       |

Instrument :

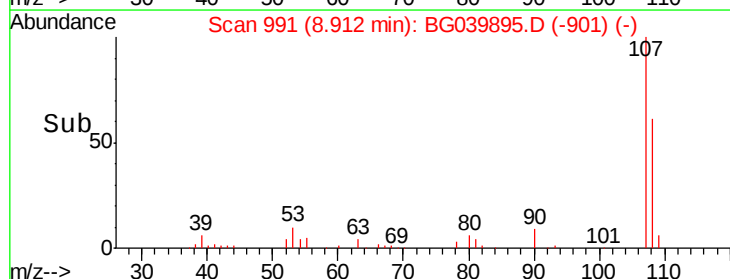
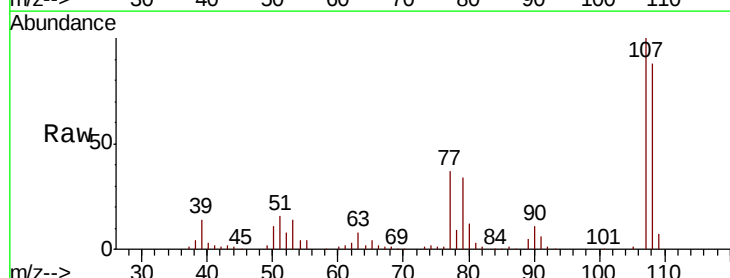
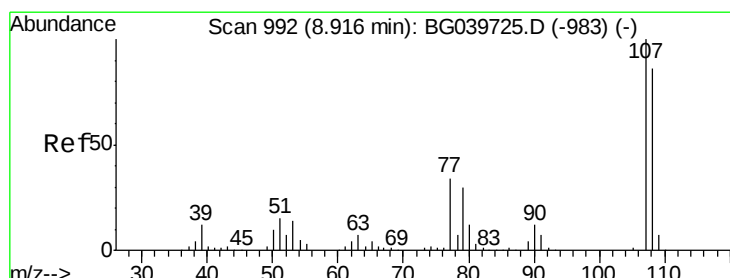
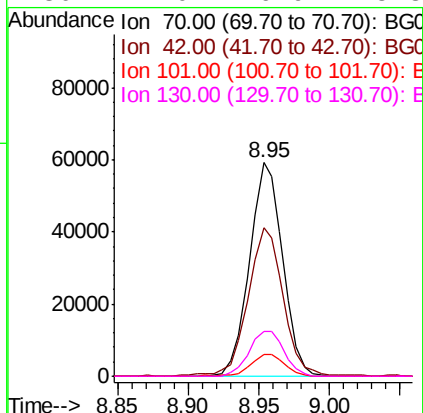
BNA\_G

ClientSampleId :

SU-04-031119-AMS

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#20

3+4-Methylphenols

Concen: 42.601 ng

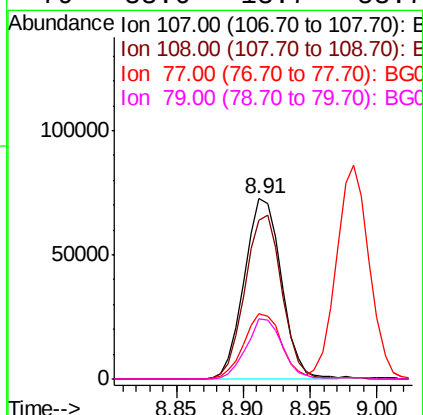
RT: 8.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.3 | 67.9  | 107.9 |       |
| 77      | 36.5 | 15.4  | 55.4  |       |
| 79      | 33.6 | 13.7  | 53.7  |       |





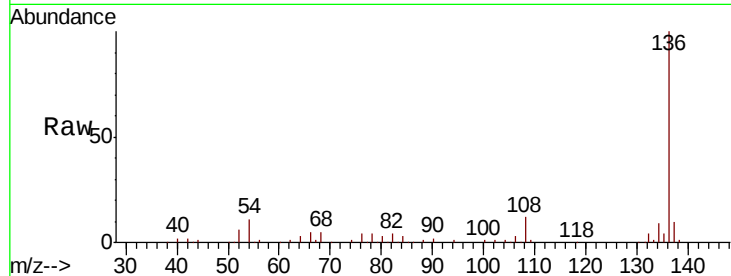
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

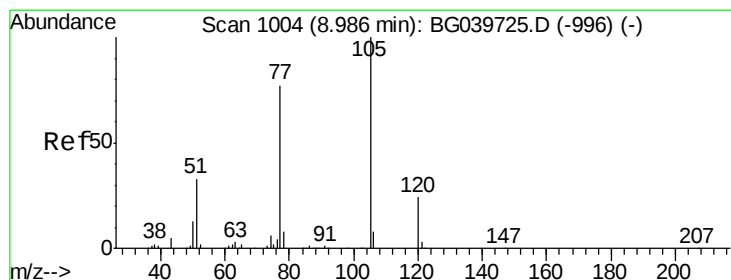
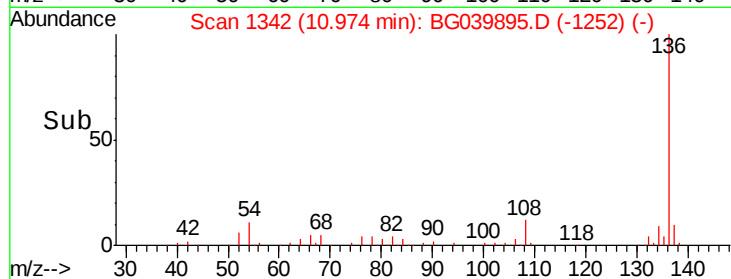
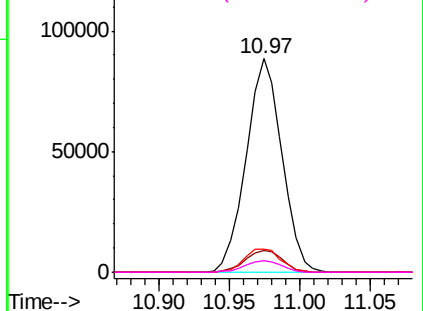
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 156789 |       |       |
| 137     | 10.2  |        | 9.1   | 13.7  |
| 54      | 10.9  |        | 9.4   | 14.2  |
| 68      | 5.4   |        | 4.2   | 6.4   |

Manual Integrations  
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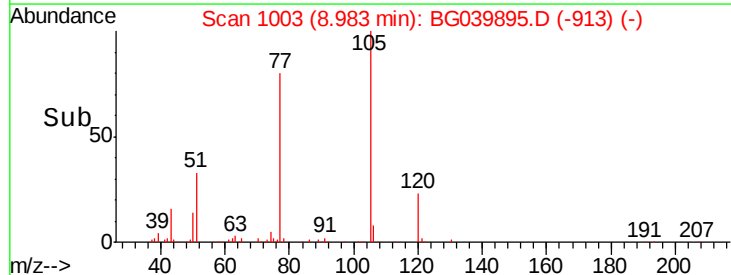
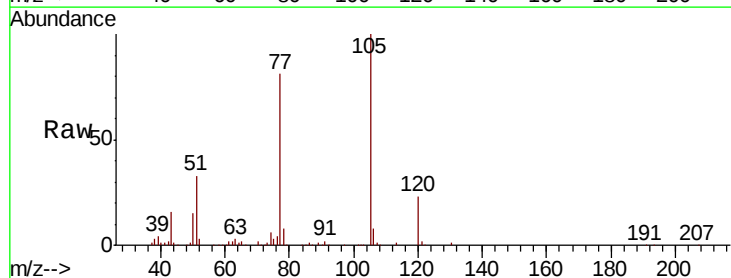
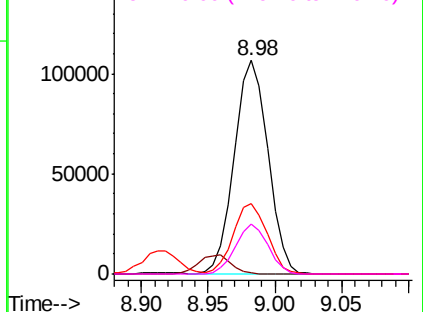
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

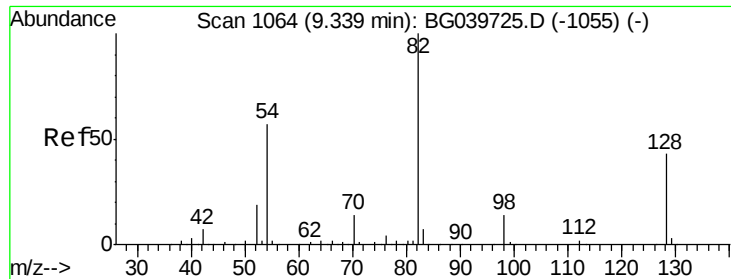


#22  
Acetophenone  
Concen: 44.403 ng  
RT: 8.98 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 186854 |       |       |
| 71      | 0.4   |        | 0.8   | 1.2#  |
| 51      | 33.3  |        | 30.2  | 45.2  |
| 120     | 23.2  |        | 18.0  | 27.0  |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





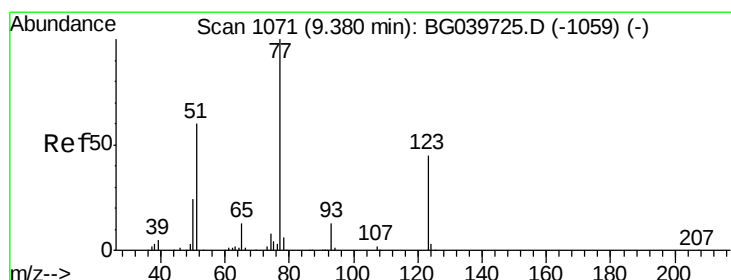
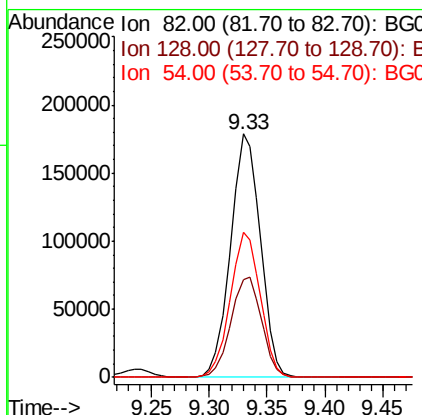
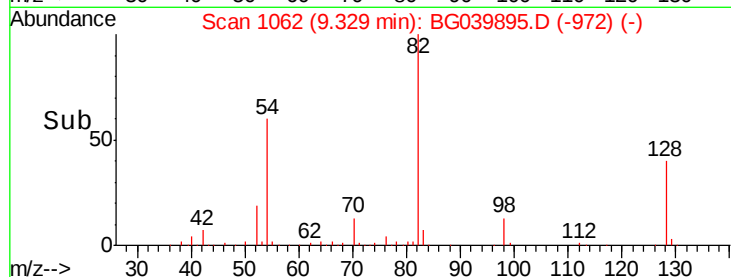
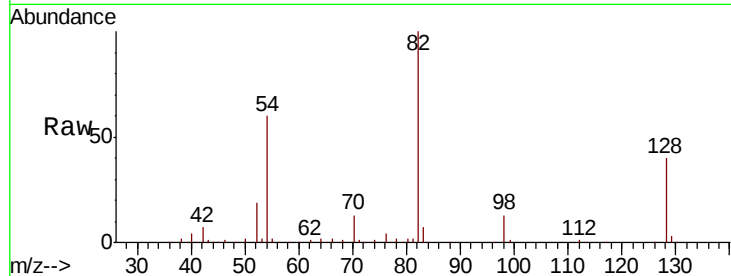
#23  
Nitrobenzene-d5  
Concen: 110.351 ng  
RT: 9.33 min Scan# 1062  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 319907 |       |       |
| 128     | 40.3  | 31.3   | 46.9  |       |
| 54      | 59.6  | 50.9   | 76.3  |       |

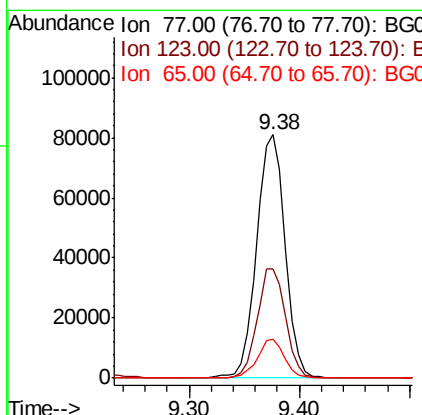
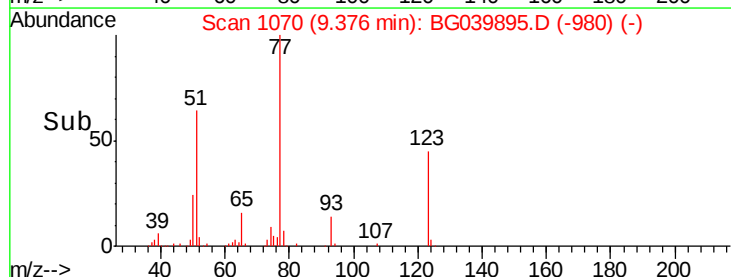
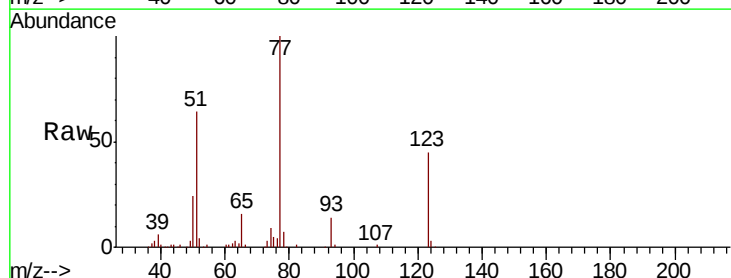
Manual Integrations  
APPROVED

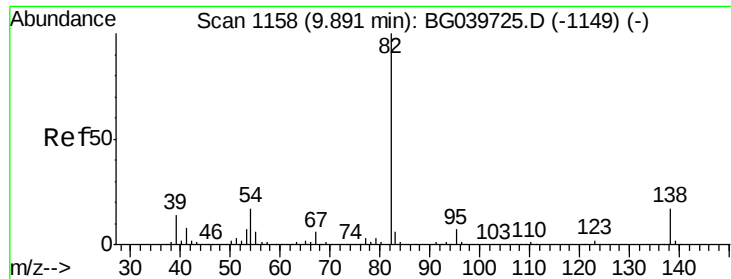
Sohil  
3/13/2019 5:49:31 PM



#24  
Nitrobenzene  
Concen: 48.208 ng  
RT: 9.38 min Scan# 1070  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 146613 |       |       |
| 123     | 45.1  | 34.1   | 51.1  |       |
| 65      | 16.1  | 12.3   | 18.5  |       |





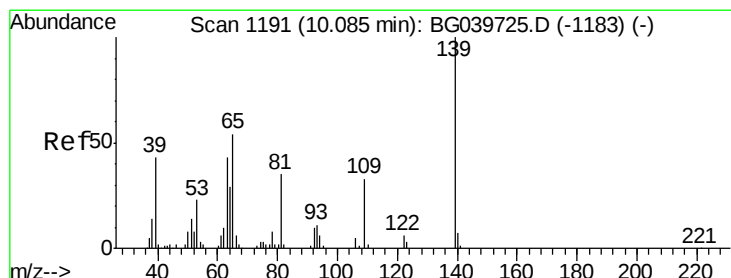
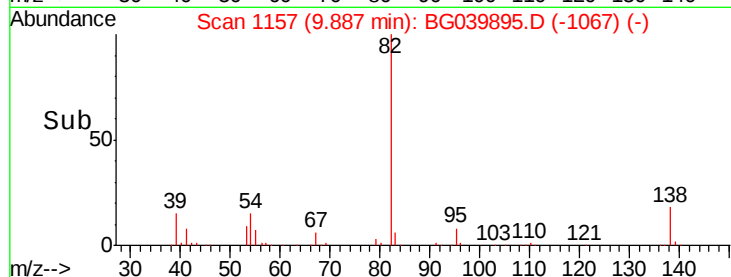
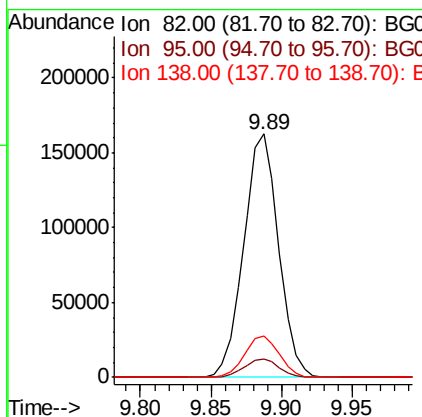
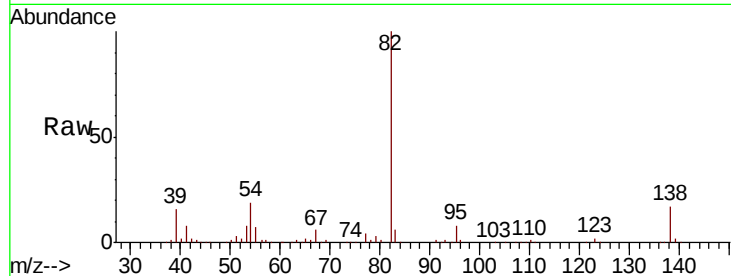
#25  
Isophorone  
Concen: 46.298 ng  
RT: 9.89 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion   | 82   | Resp  | 281226 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.5  | 6.2   | 9.2    |
| 138       | 17.0 | 13.0  | 19.4   |

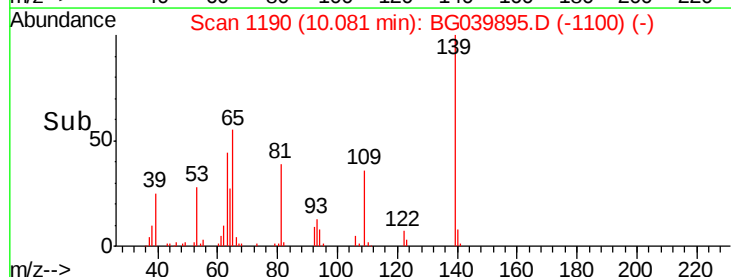
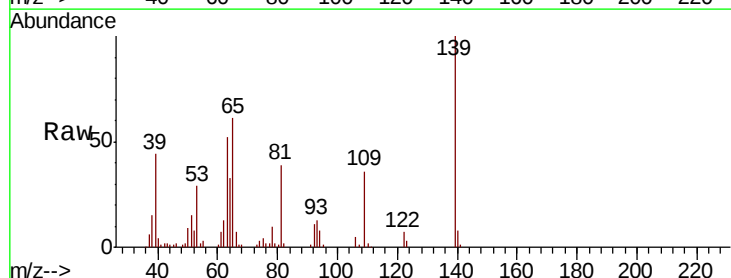
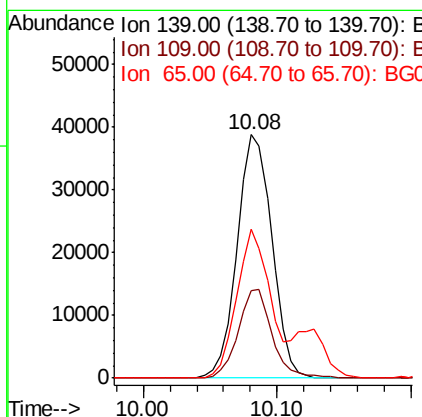
Manual Integrations  
APPROVED

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#26  
2-Nitrophenol  
Concen: 47.565 ng  
RT: 10.08 min Scan# 1190  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion   | 139  | Resp  | 69843 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 35.7 | 23.4  | 35.0# |
| 65        | 61.3 | 44.3  | 66.5  |





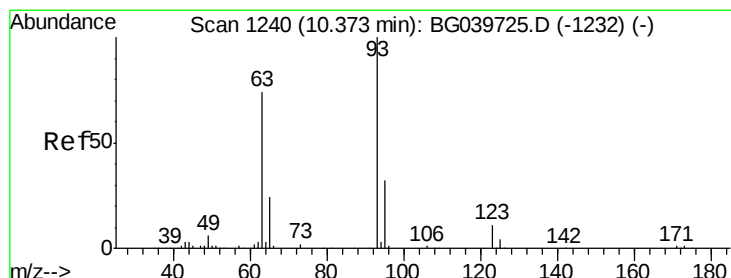
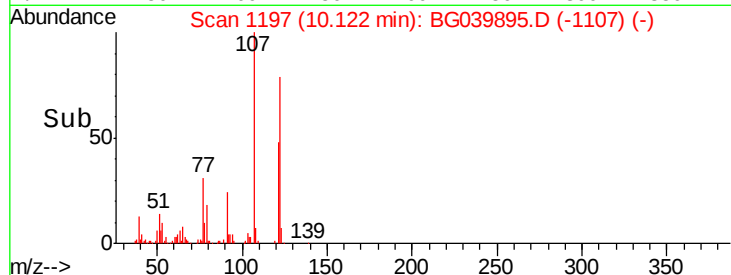
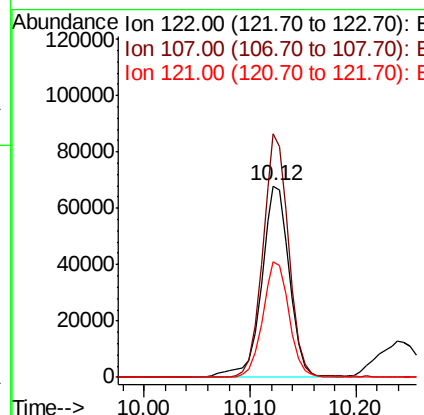
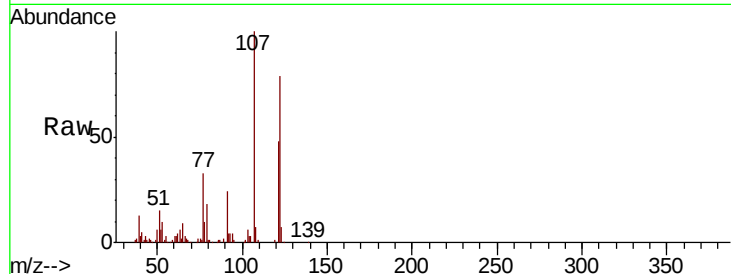
#27  
 2,4-Dimethylphenol  
 Concen: 54.528 ng  
 RT: 10.12 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 124526 |       |       |
| 107     | 127.2 | 91.7   | 137.5 |       |
| 121     | 60.6  | 46.4   | 69.6  |       |

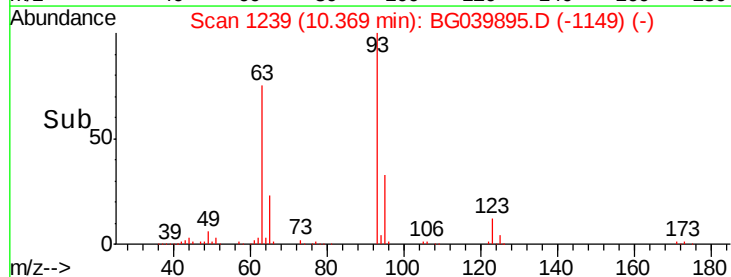
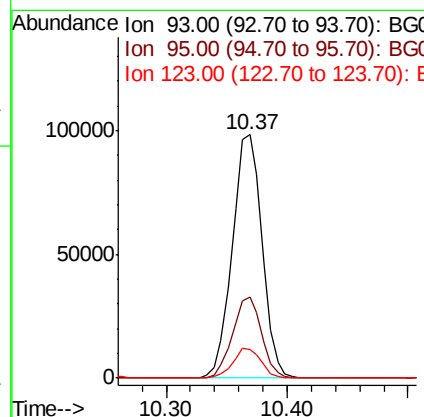
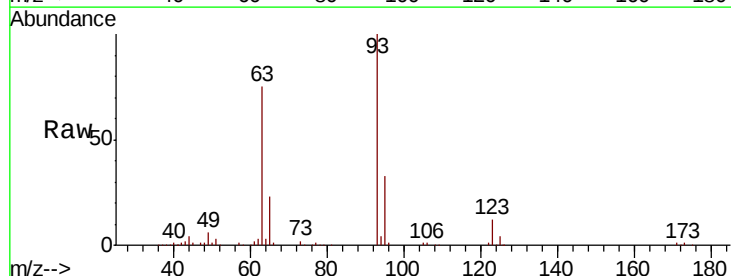
Manual Integrations  
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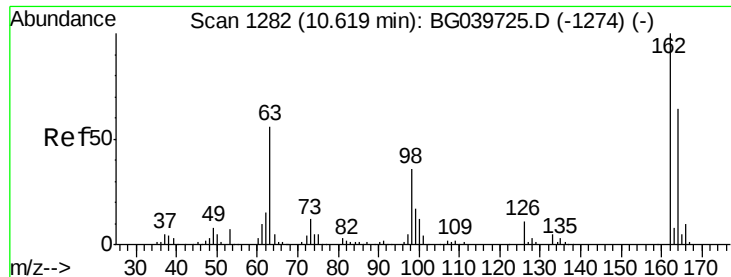
Sohil  
 3/13/2019 5:49:31 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.659 ng  
 RT: 10.37 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 168543 |       |       |
| 95      | 33.2  | 25.0   | 37.4  |       |
| 123     | 11.9  | 8.6    | 12.8  |       |





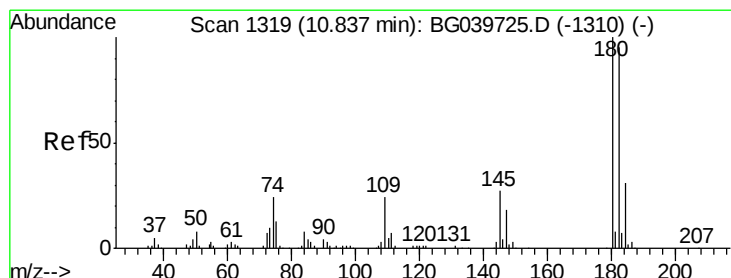
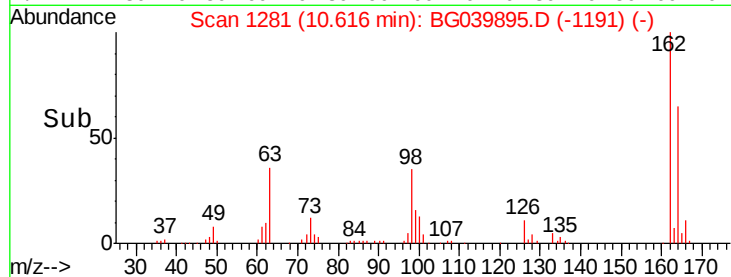
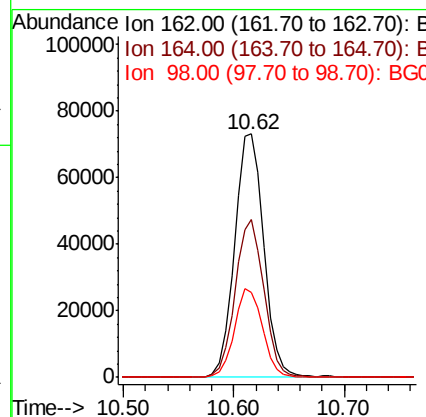
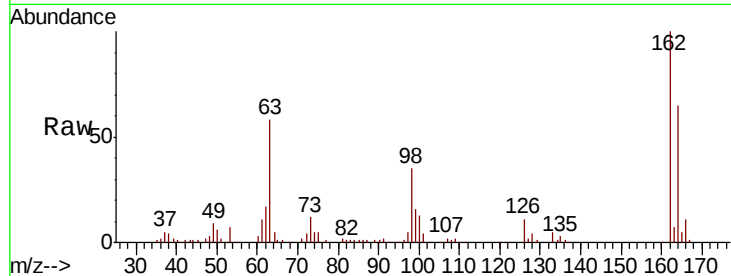
#29  
 2,4-Dichlorophenol  
 Concen: 52.758 ng  
 RT: 10.62 min Scan# 1281  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 135651 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.7  | 48.1  | 88.1   |
| 98        | 34.8  | 18.1  | 58.1   |

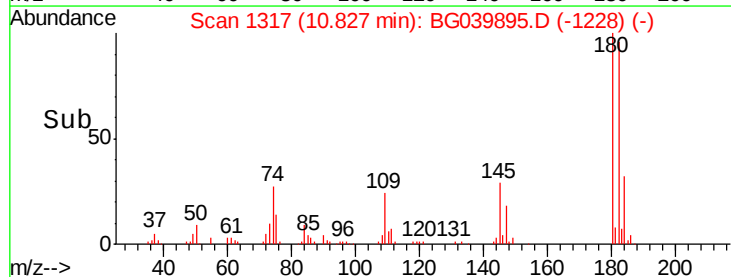
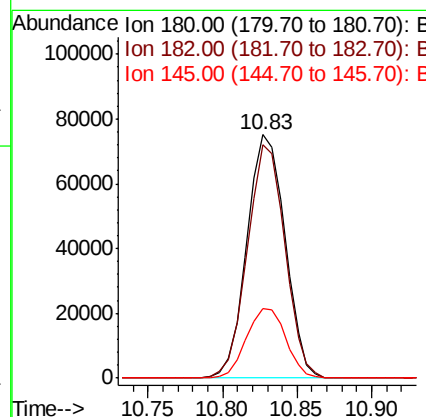
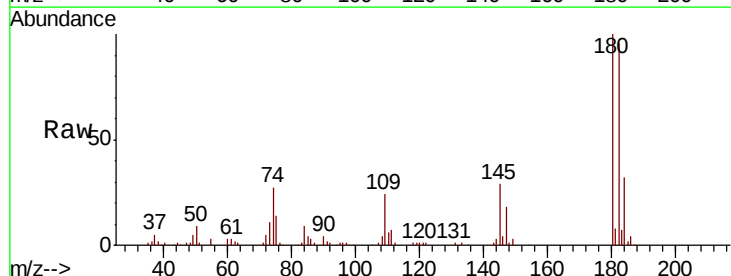
Manual Integrations  
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 3/13/2019 5:49:31 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.005 ng  
 RT: 10.83 min Scan# 1317  
 Delta R.T. -0.01 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 133105 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.9  | 76.0  | 114.0  |
| 145       | 28.8  | 22.7  | 34.1   |





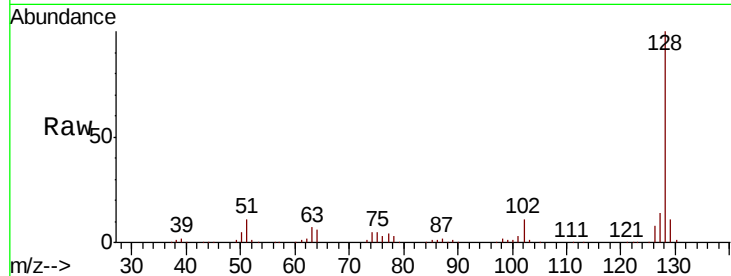
#31  
Naphthalene  
Concen: 46.686 ng  
RT: 11.03 min Scan# 1351  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.7   | 13.1  |
| 127     | 13.9  | 10.8  | 16.2  |

Manual Integrations  
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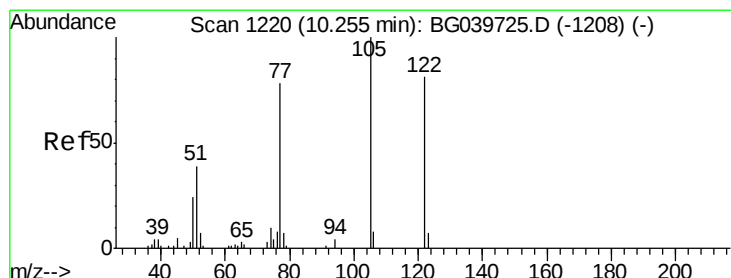
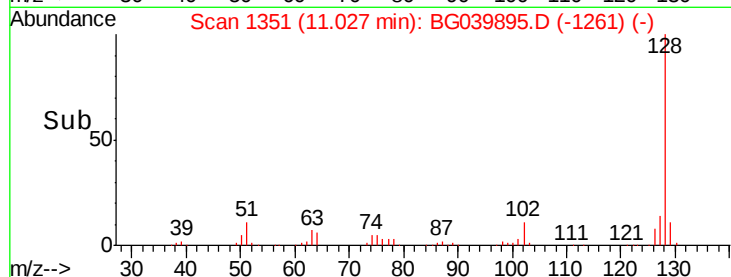
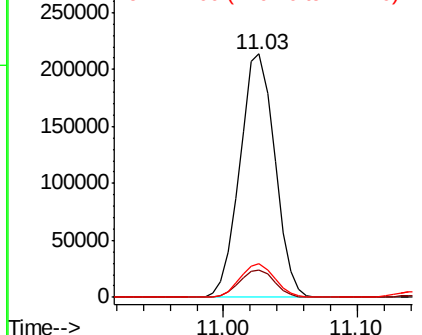


Abundance

Ion 128.00 (127.70 to 128.70): E

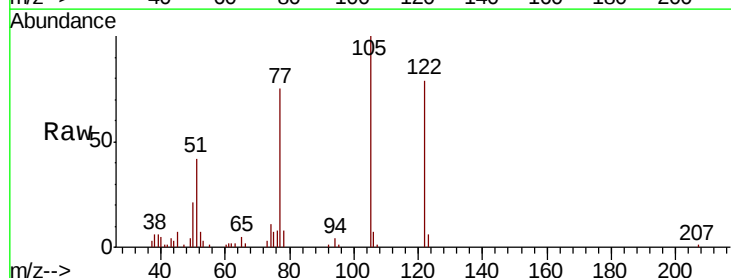
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 28.366 ng  
RT: 10.24 min Scan# 1217  
Delta R.T. -0.02 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.0 | 101.8 | 141.8 |
| 77      | 94.6  | 76.3  | 116.3 |

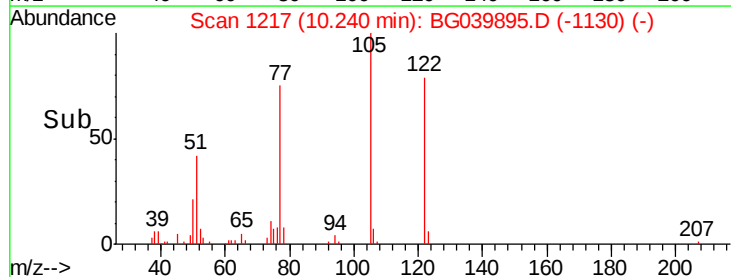
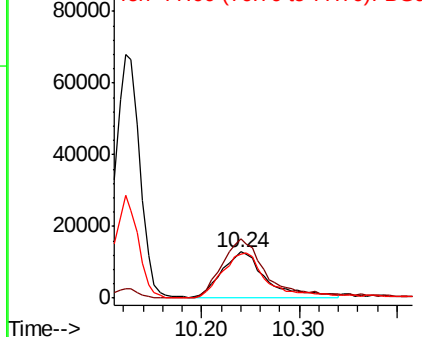


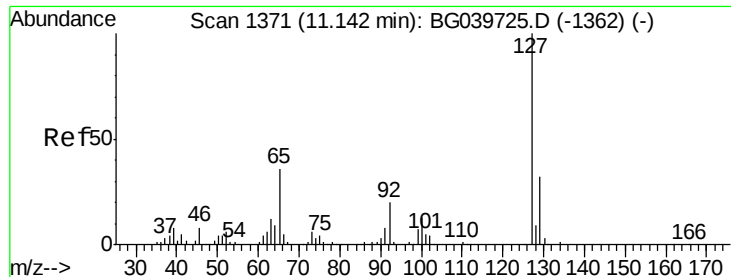
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





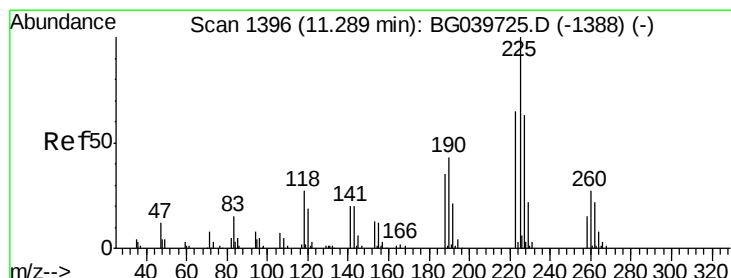
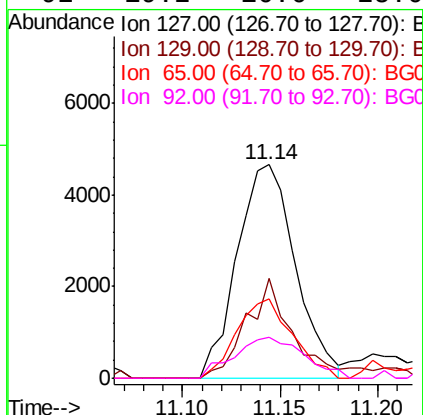
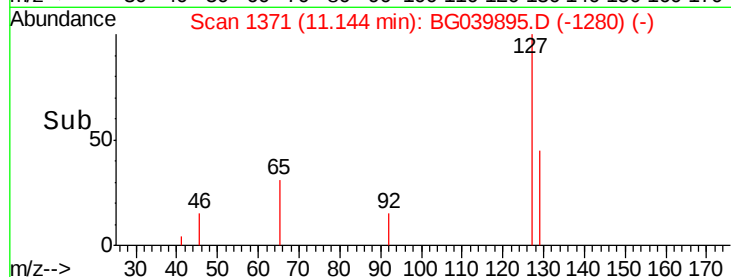
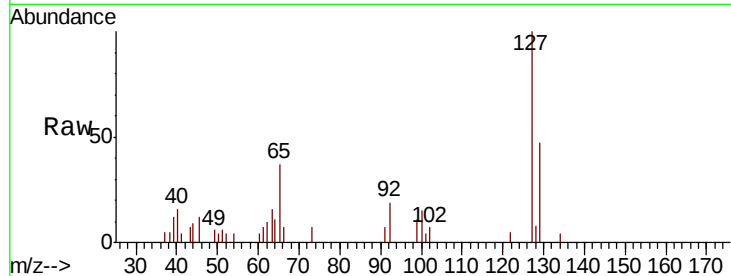
#33  
4-Chloroaniline  
Concen: 2.741 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. 0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       |       |       |       |
| 129     | 46.5 | 27.0  | 40.4# |       |       |
| 65      | 37.4 | 28.8  | 43.2  |       |       |
| 92      | 19.2 | 16.6  | 25.0  |       |       |

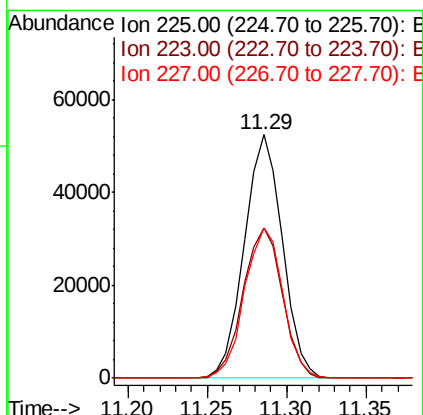
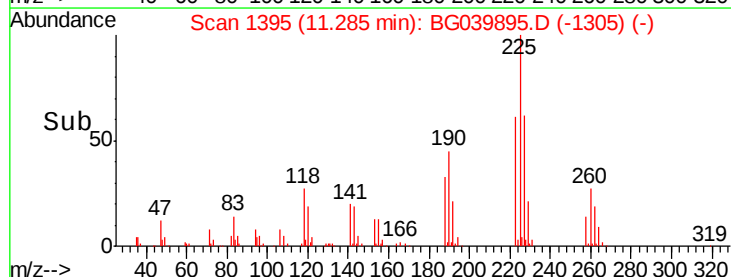
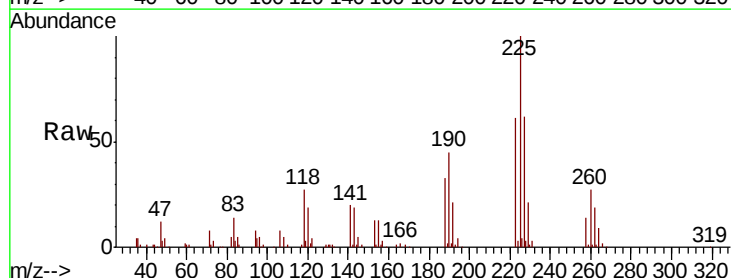
Manual Integrations  
APPROVED

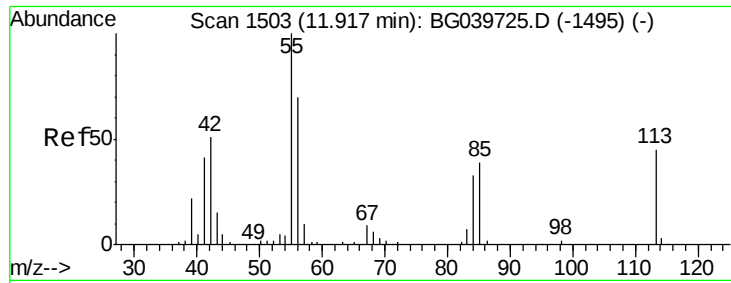
Sohil  
3/13/2019 5:49:31 PM



#34  
Hexachlorobutadiene  
Concen: 44.304 ng  
RT: 11.29 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.4 | 49.0  | 73.6 |       |       |
| 227     | 61.8 | 46.3  | 69.5 |       |       |





#35

Caprolactam

Concen: 33.896 ng/mL

RT: 11.91 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

ClientSampleId :

SU-04-031119-AMS

Tot Ion: 113 Resp: 33292

Ion Ratio Lower Upper

113 100

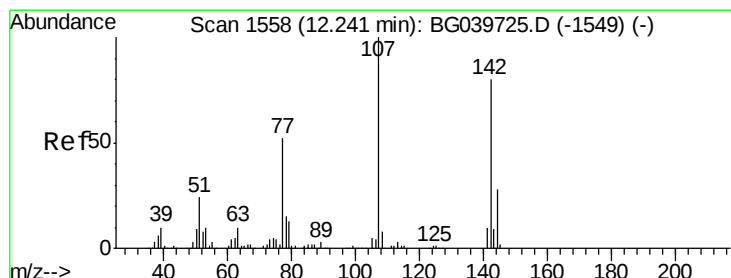
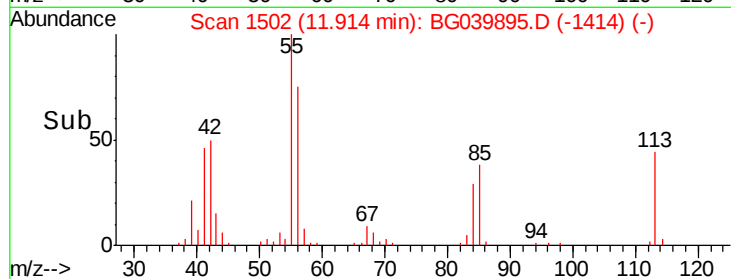
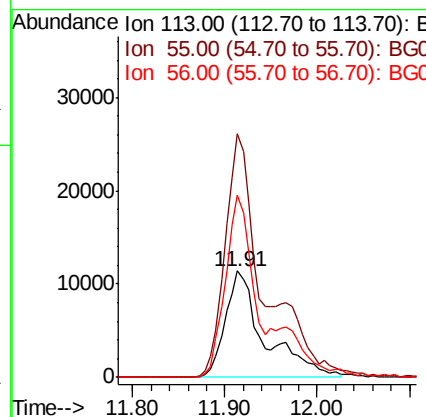
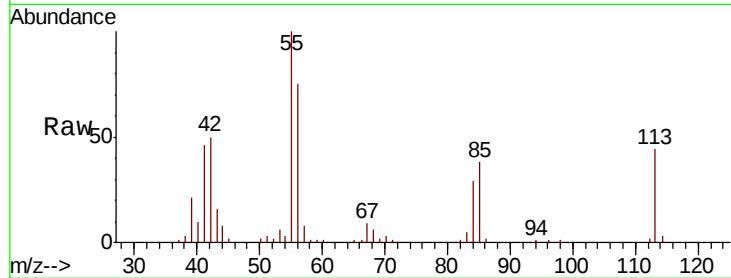
55 229.1 216.9 256.9

56 171.4 152.6 192.6

Manual Integrations  
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3/13/2019 5:49:31 PM



#36

4-Chloro-3-methylphenol

Concen: 50.476 ng/mL

RT: 12.24 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

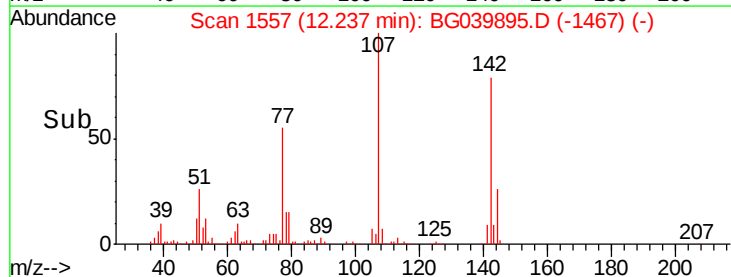
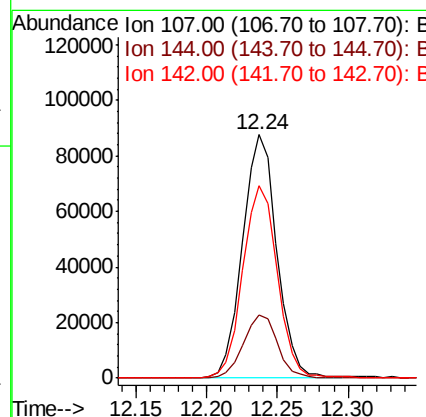
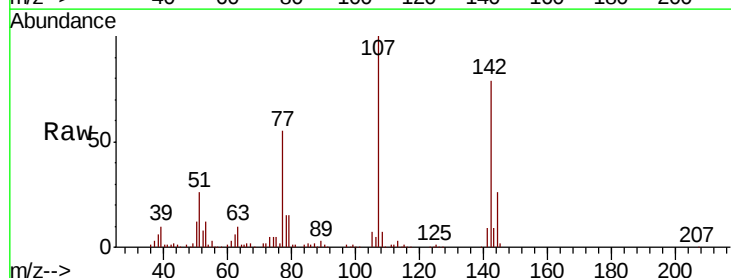
Tgt Ion: 107 Resp: 148776

Ion Ratio Lower Upper

107 100

144 25.9 20.2 30.2

142 79.0 61.4 92.2





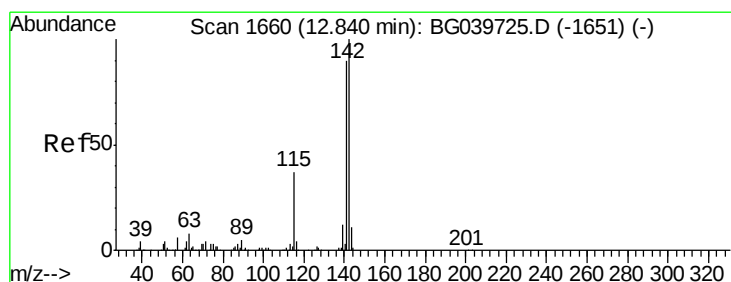
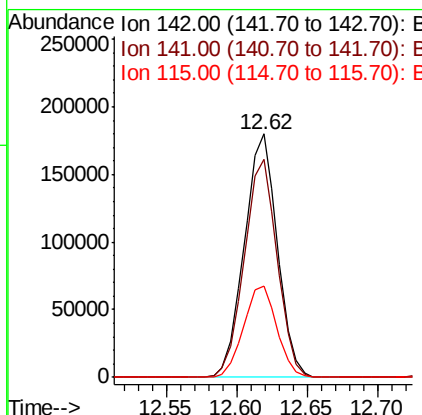
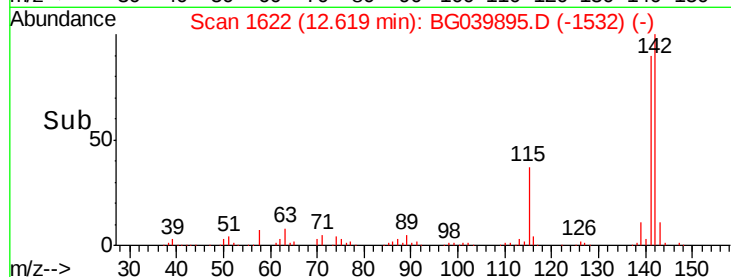
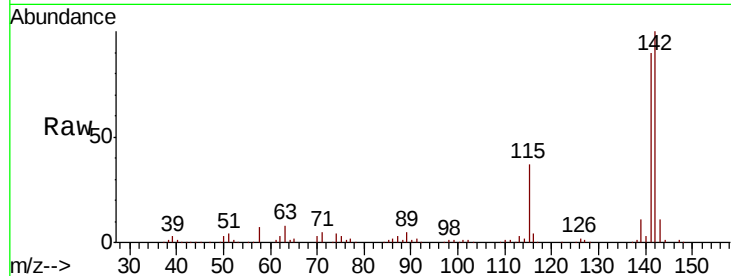
#37  
2-Methylnaphthalene  
Concen: 47.393 ng  
RT: 12.62 min Scan# 1622  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 73.5  | 110.3 |
| 115     | 37.5  | 30.8  | 46.2  |

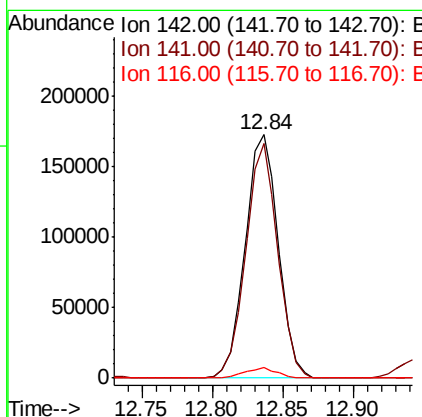
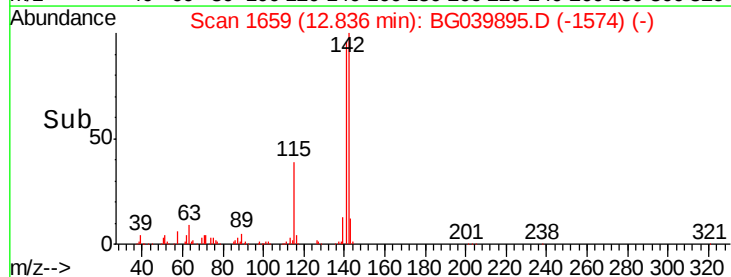
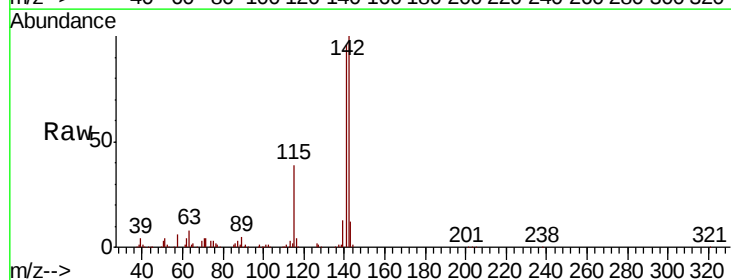
Manual Integrations  
APPROVED

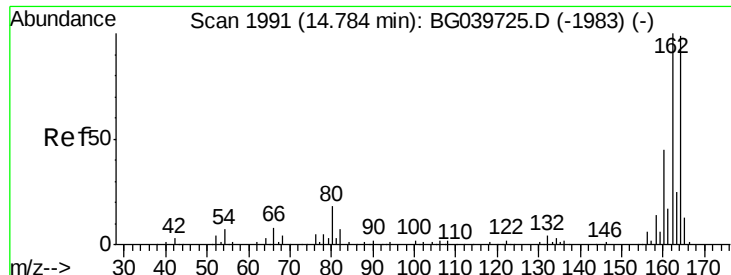
Sohil  
3/13/2019 5:49:31 PM



#38  
1-Methylnaphthalene  
Concen: 46.904 ng  
RT: 12.84 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.3  | 74.2  | 111.4 |
| 116     | 4.4   | 3.0   | 4.6   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

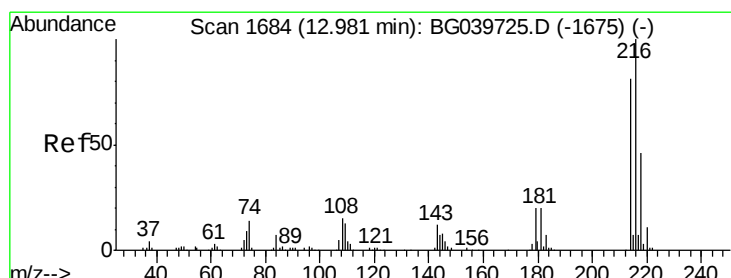
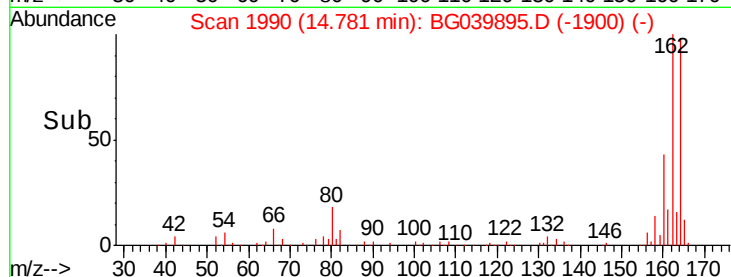
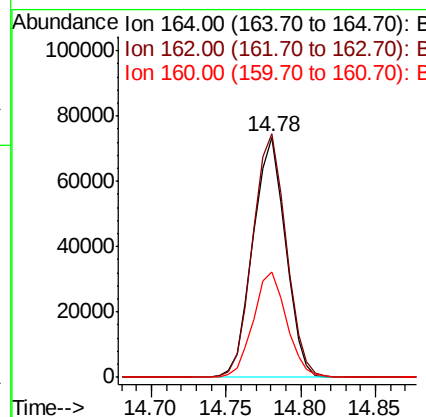
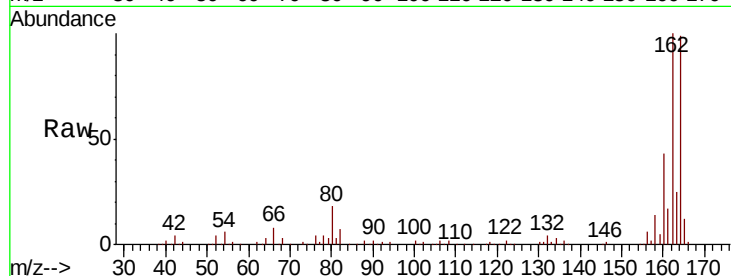
ClientSampleId :

SU-04-031119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 110910 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.3 | 81.6  | 122.4  |
| 160       | 43.6  | 34.2  | 51.2   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.267 ng

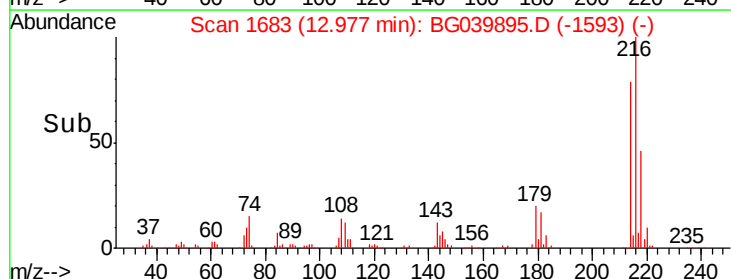
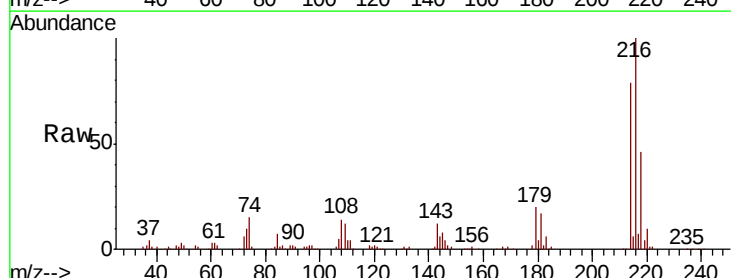
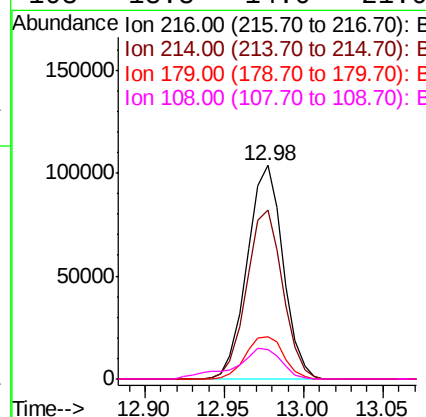
RT: 12.98 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 162569 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.8  | 62.6  | 94.0   |
| 179       | 21.2  | 16.6  | 25.0   |
| 108       | 18.8  | 14.0  | 21.0   |





#41

Hexachlorocyclopentadiene

Concen: 91.548 ng

RT: 12.94 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

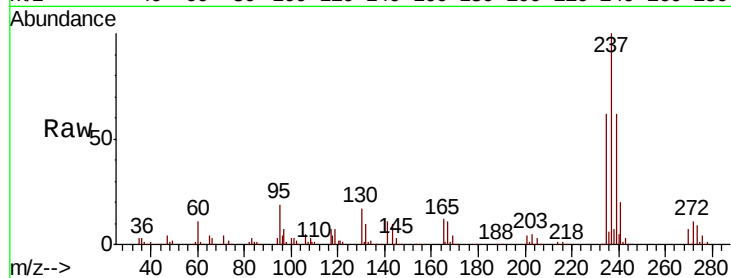
ClientSampleId :

SU-04-031119-AMS

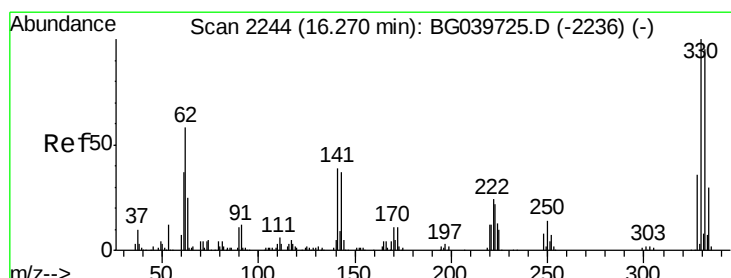
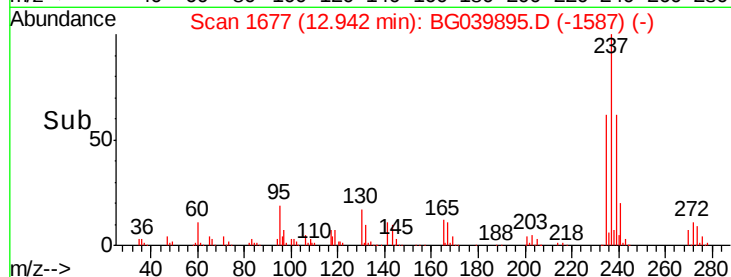
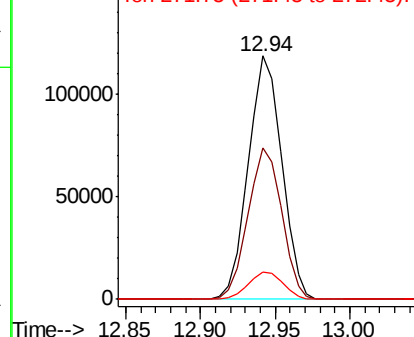
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 184340 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.0  | 43.3  | 83.3   |
| 272       | 11.3  | 0.0   | 32.3   |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 169.645 ng

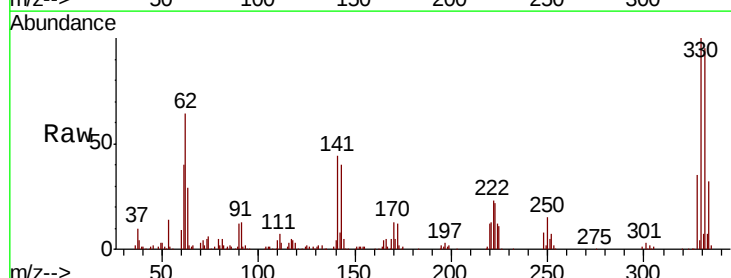
RT: 16.27 min Scan# 2243

Delta R.T. 0.00 min

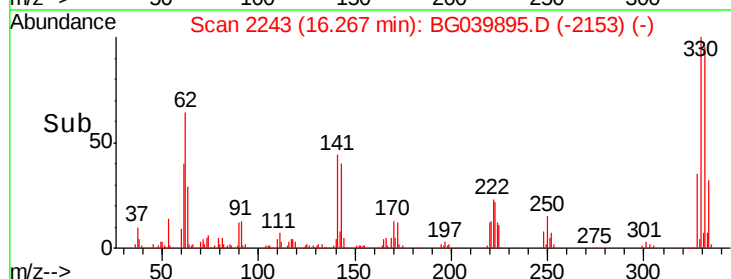
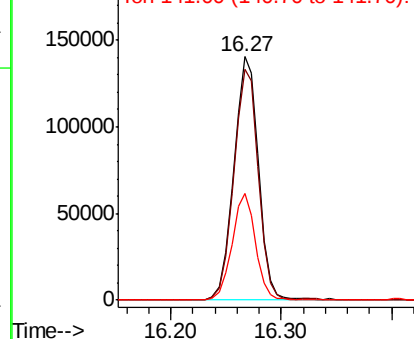
Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 219307 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.0  | 75.7  | 113.5  |
| 141       | 41.7  | 35.6  | 53.4   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





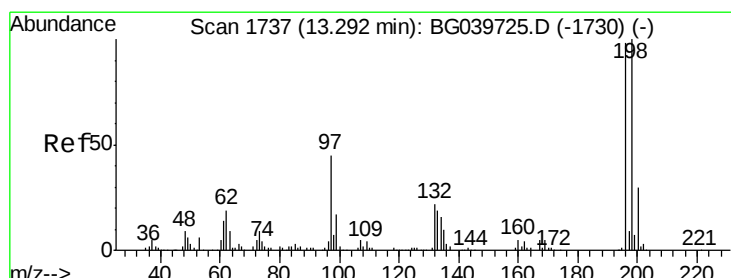
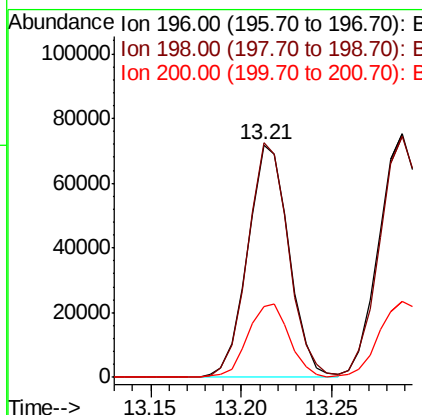
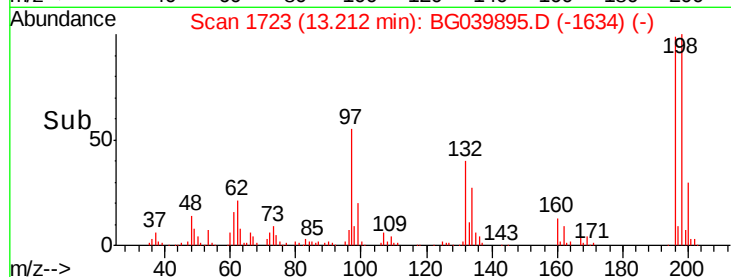
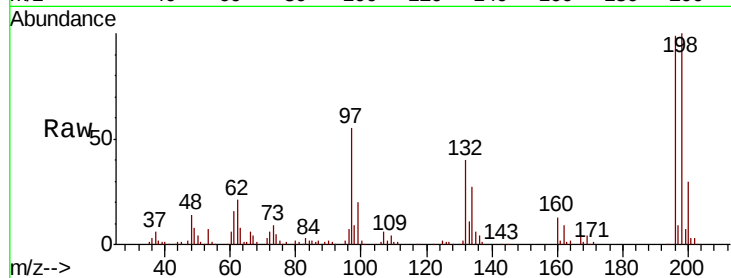
#43  
 2,4,6-Trichlorophenol  
 Concen: 51.947 ng  
 RT: 13.21 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 114272 |       |       |
| 198     | 100.9 | 80.6   | 121.0 |       |
| 200     | 30.3  | 26.1   | 39.1  |       |

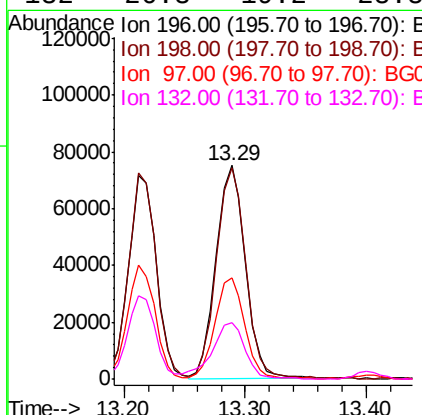
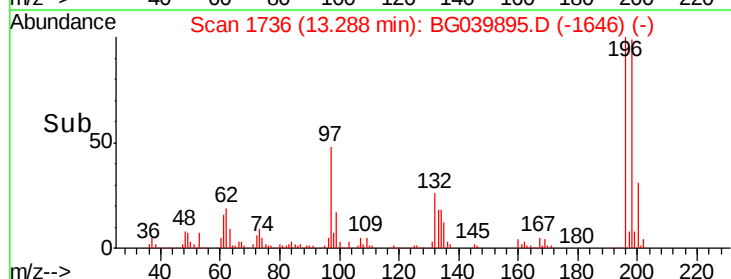
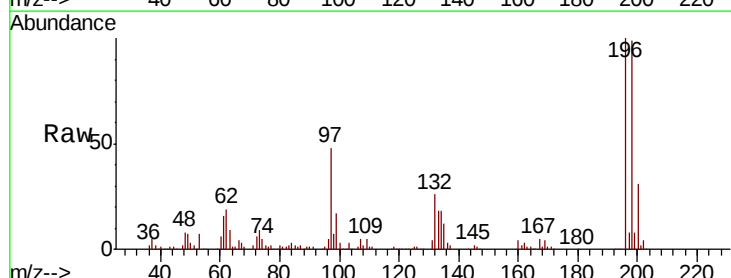
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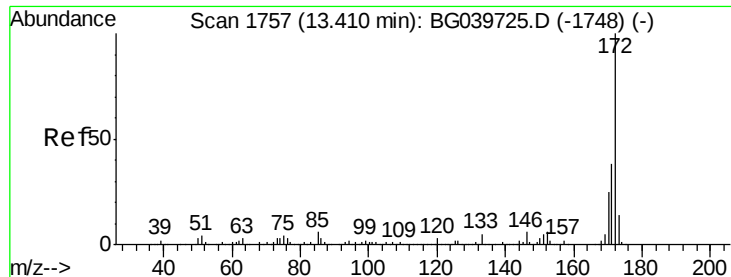
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#44  
 2,4,5-Trichlorophenol  
 Concen: 50.737 ng  
 RT: 13.29 min Scan# 1736  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 125804 |       |       |
| 198     | 99.2  | 78.5   | 117.7 |       |
| 97      | 47.6  | 38.4   | 57.6  |       |
| 132     | 26.3  | 19.2   | 28.8  |       |





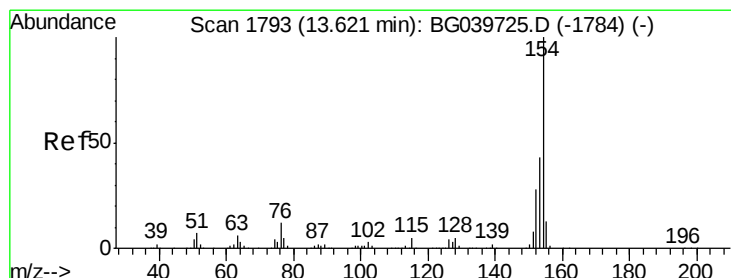
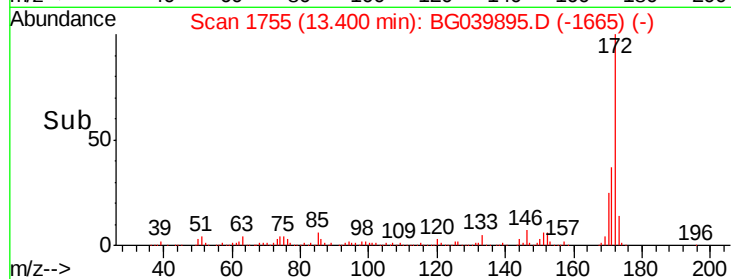
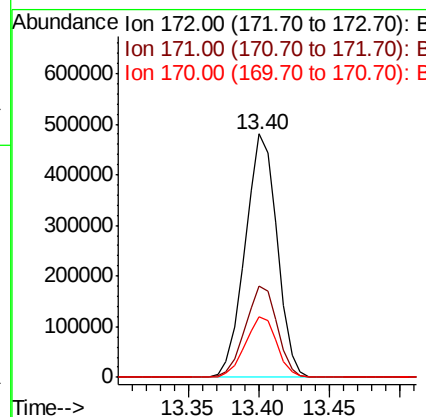
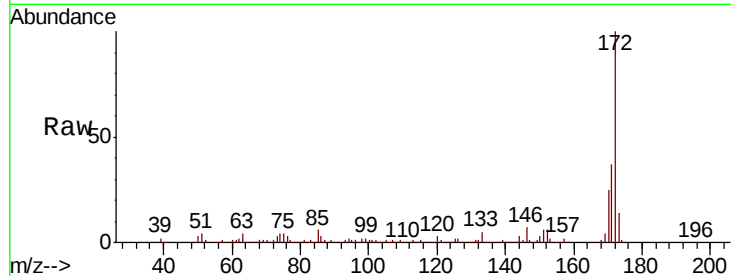
#45  
2-Fluorobiphenyl  
Concen: 97.382 ng  
RT: 13.40 min Scan# 1755  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.5  | 30.8  | 46.2  |
| 170     | 24.9  | 20.2  | 30.4  |

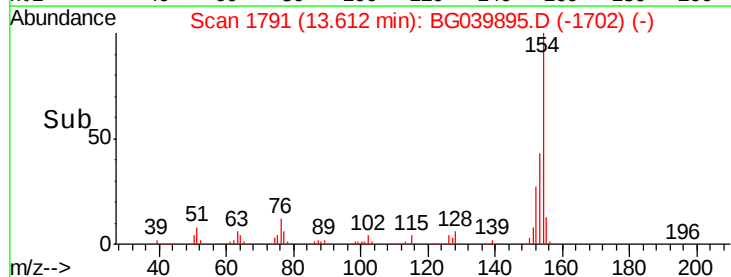
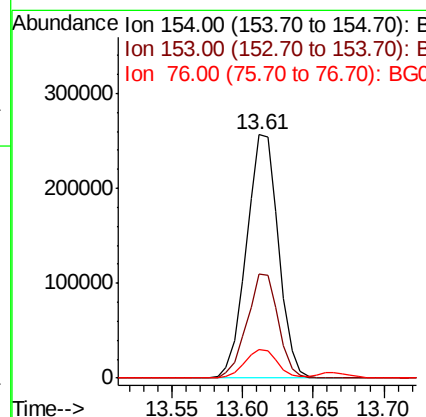
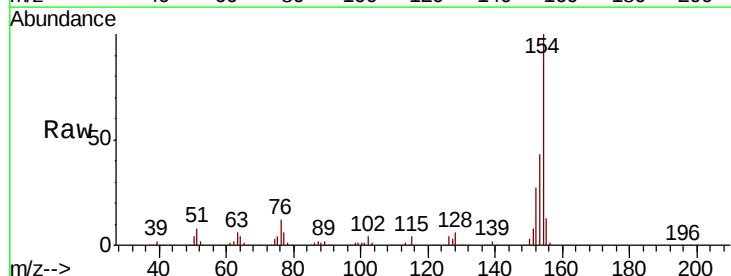
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#46  
1,1'-Biphenyl  
Concen: 44.472 ng  
RT: 13.61 min Scan# 1791  
Delta R.T. -0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.9  | 22.1  | 62.1  |
| 76      | 11.9  | 0.0   | 32.4  |





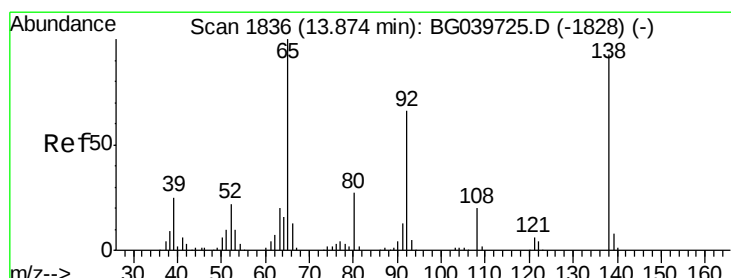
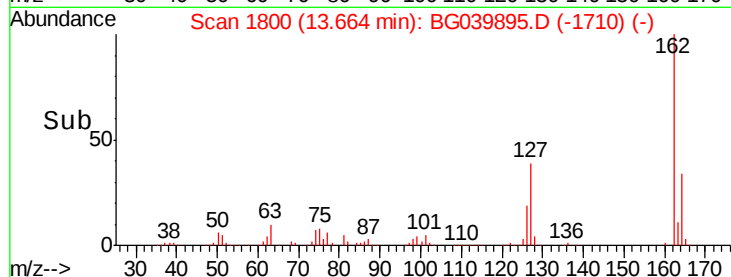
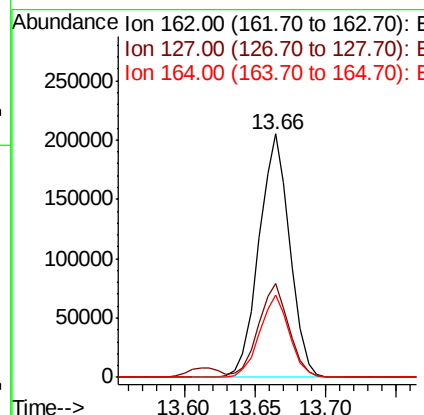
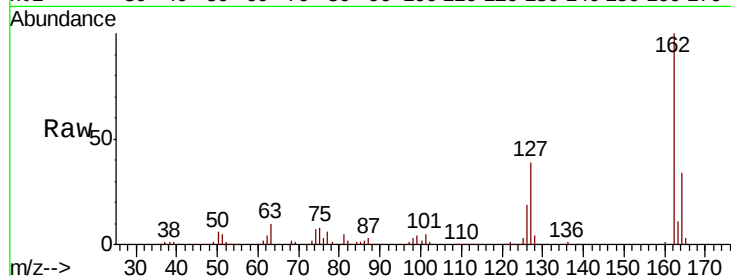
#47  
 2-Chloronaphthalene  
 Concen: 45.740 ng  
 RT: 13.66 min Scan# 1800  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 38.8  | 31.0       | 46.6  |
| 164     | 33.6  | 25.7       | 38.5  |

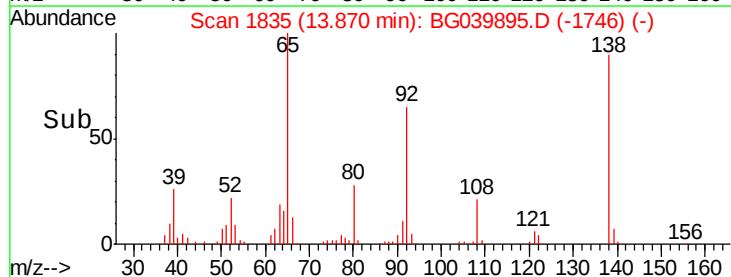
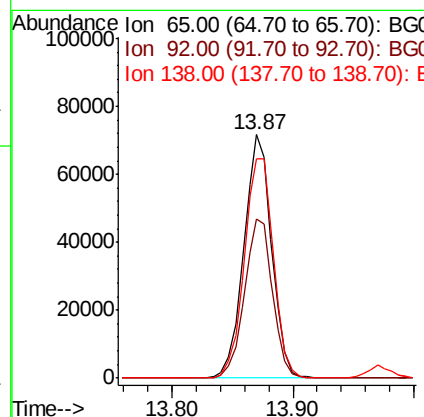
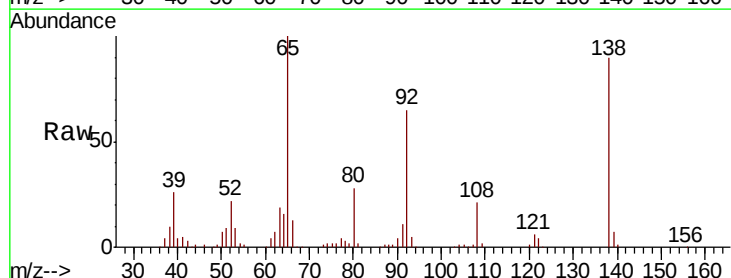
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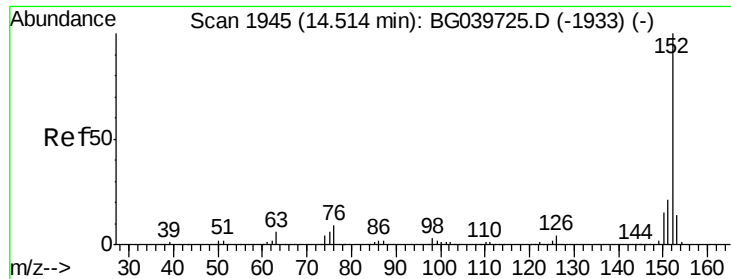
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#48  
 2-Nitroaniline  
 Concen: 52.031 ng  
 RT: 13.87 min Scan# 1835  
 Delta R.T. -0.01 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 65.2  | 51.4       | 77.2  |
| 138     | 90.1  | 71.4       | 107.2 |





#49

Acenaphthylene

Concen: 45.591 ng

RT: 14.50 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

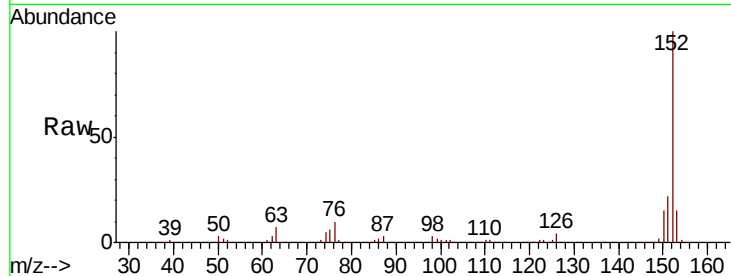
ClientSampleId :

SU-04-031119-AMS

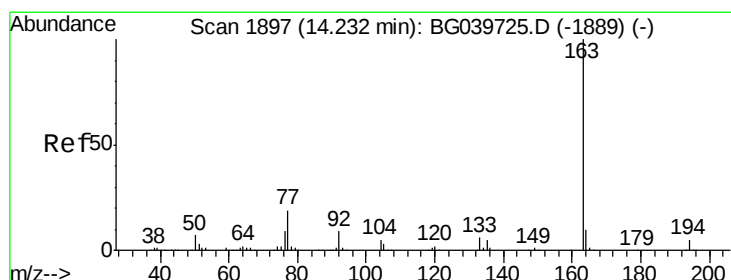
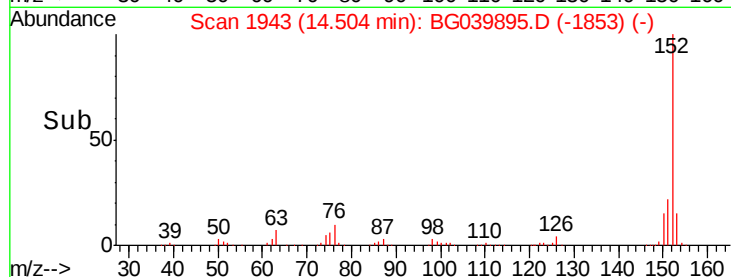
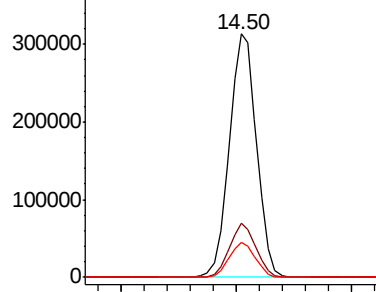
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 513612 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 22.1  | 16.8  | 25.2   |
| 153       | 14.6  | 11.7  | 17.5   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.767 ng

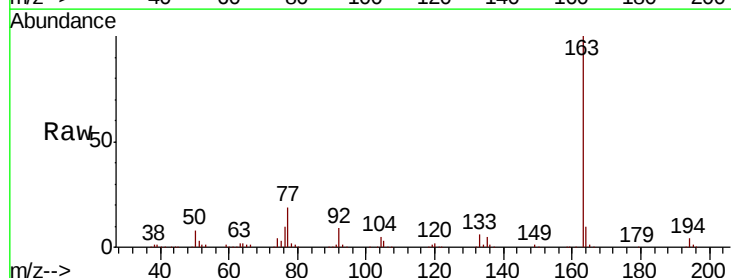
RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

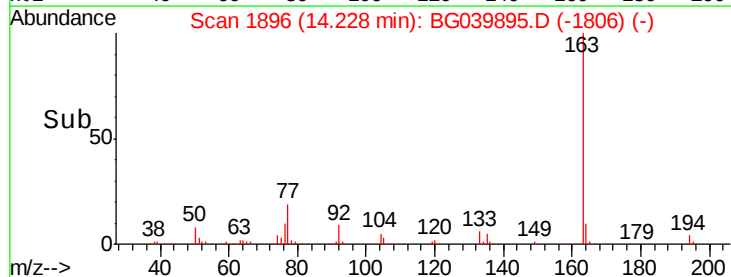
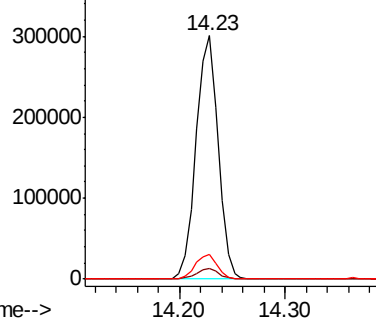
Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 433726 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.4   | 3.6   | 5.4    |
| 164       | 10.0  | 8.4   | 12.6   |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





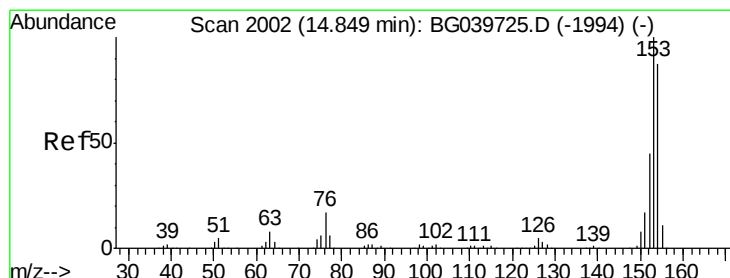
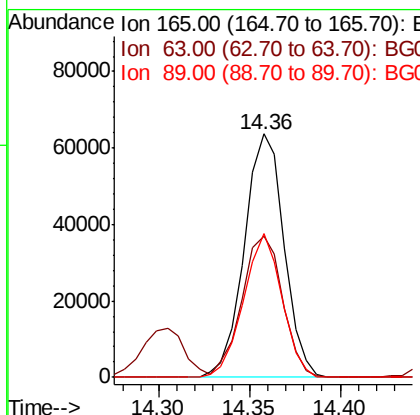
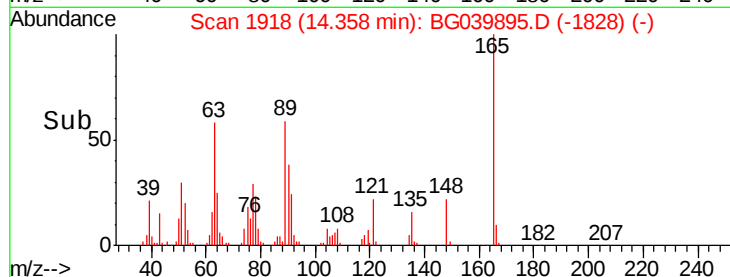
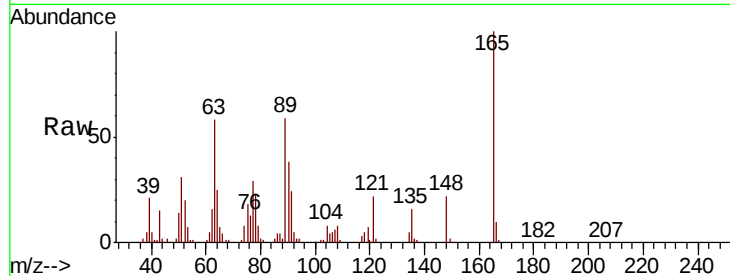
#51  
2,6-Dinitrotoluene  
Concen: 49.258 ng  
RT: 14.36 min Scan# 1918  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 96845 |       |       |
| 63      | 58.2  |       | 47.0  | 70.6  |
| 89      | 59.1  |       | 45.8  | 68.8  |

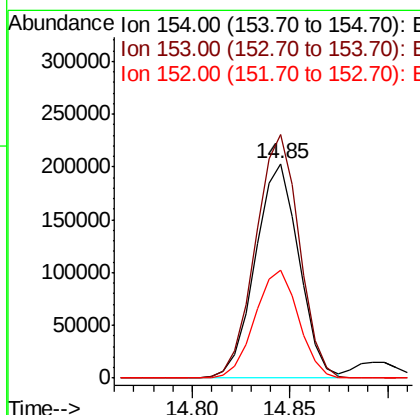
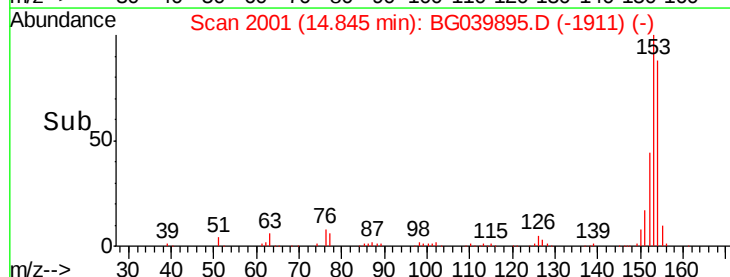
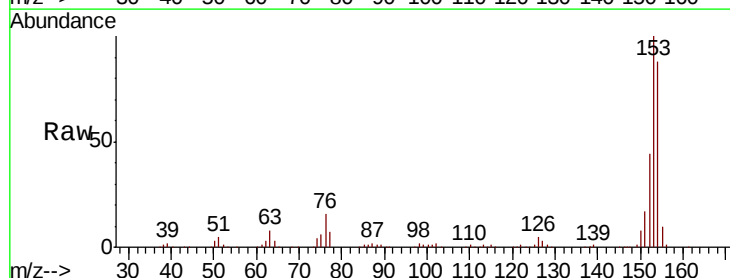
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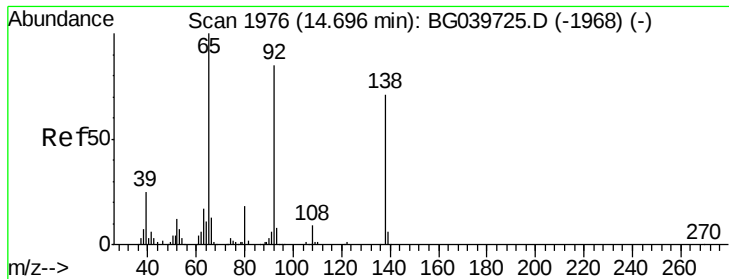
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#52  
Acenaphthene  
Concen: 46.344 ng  
RT: 14.85 min Scan# 2001  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 314232 |       |       |
| 153     | 113.4 |        | 90.1  | 135.1 |
| 152     | 50.3  |        | 40.9  | 61.3  |





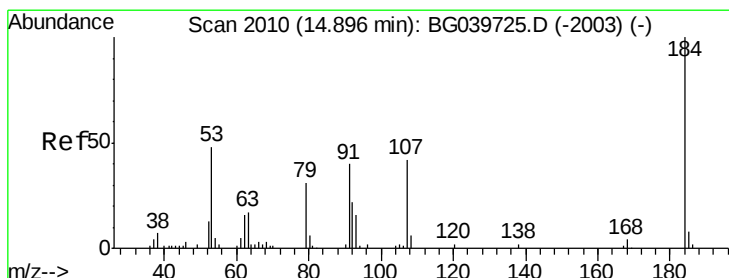
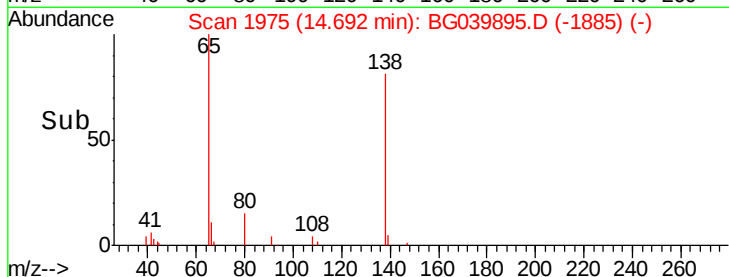
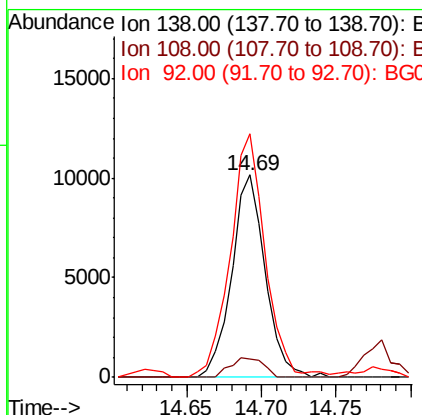
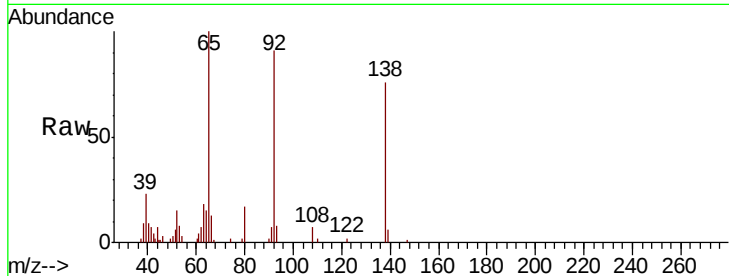
#53  
3-Nitroaniline  
Concen: 8.036 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.1   | 13.8  | 20.8# |
| 92      | 120.5 | 103.7 | 155.5 |

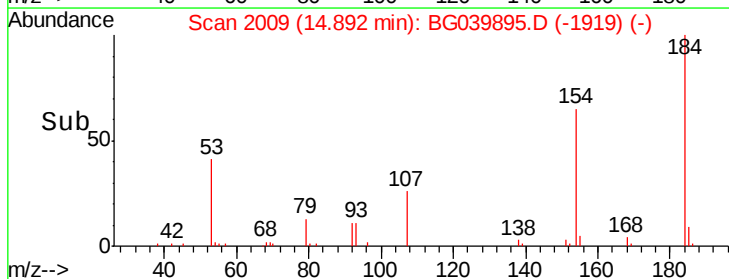
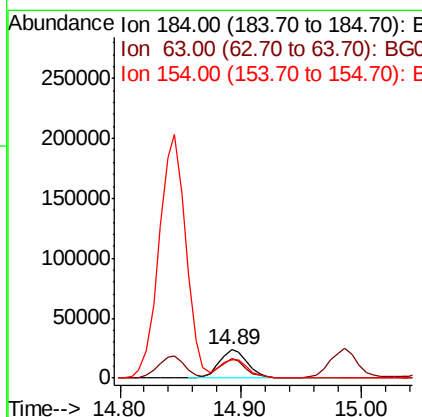
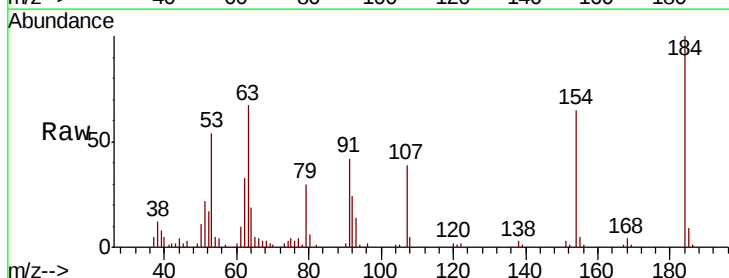
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#54  
2,4-Dinitrophenol  
Concen: 35.075 ng  
RT: 14.89 min Scan# 2009  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 67.4  | 50.9  | 76.3  |
| 154     | 65.3  | 53.0  | 79.6  |





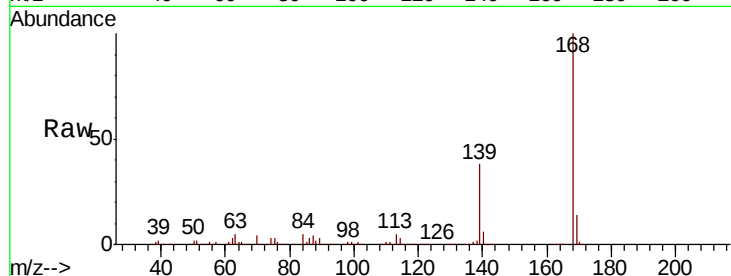
#55  
Dibenzenofuran  
Concen: 46.455 ng  
RT: 15.17 min Scan# 2057  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.6  | 30.1  | 45.1  |
| 169     | 13.7  | 10.6  | 16.0  |

Manual Integrations  
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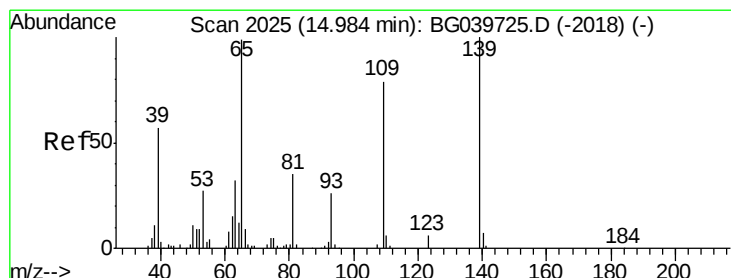
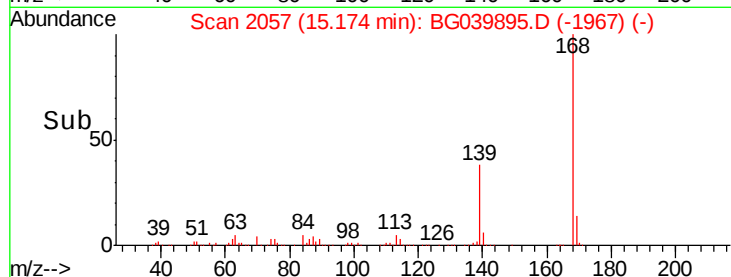
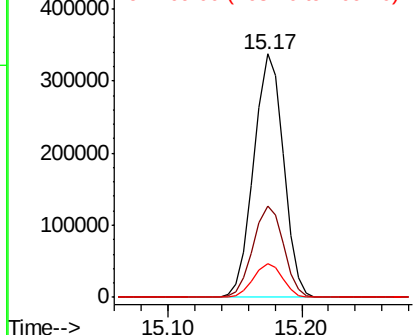


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 71.069 ng  
RT: 14.99 min Scan# 2025  
Delta R.T. 0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

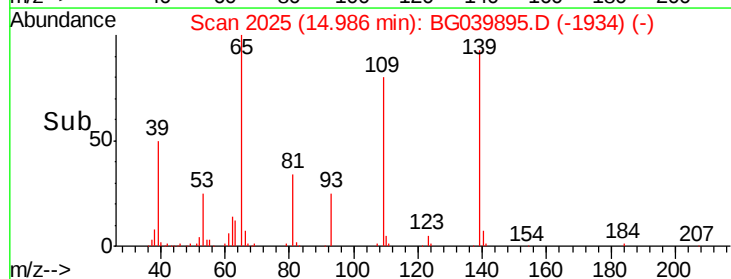
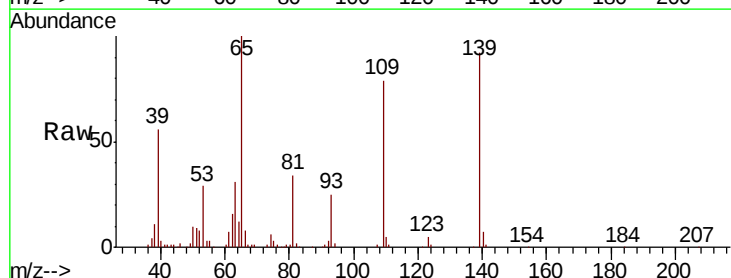
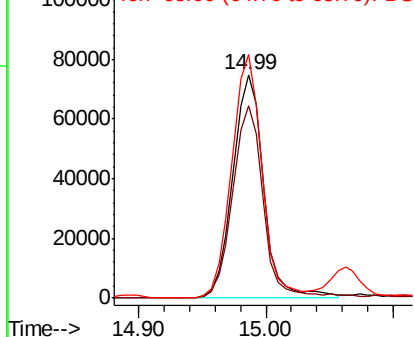
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 86.3  | 61.9  | 101.9 |
| 65      | 109.0 | 99.1  | 139.1 |

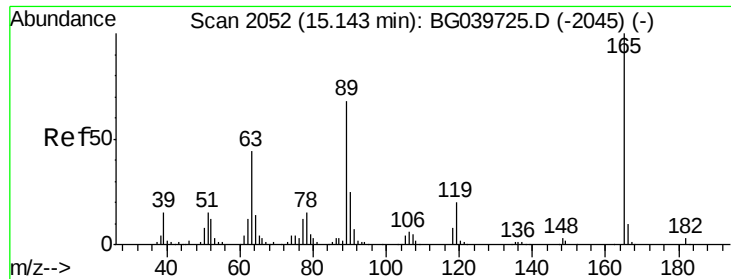
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





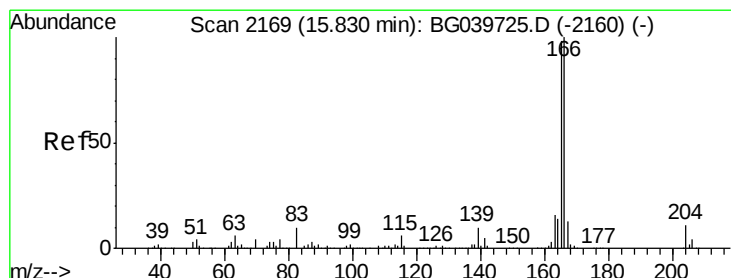
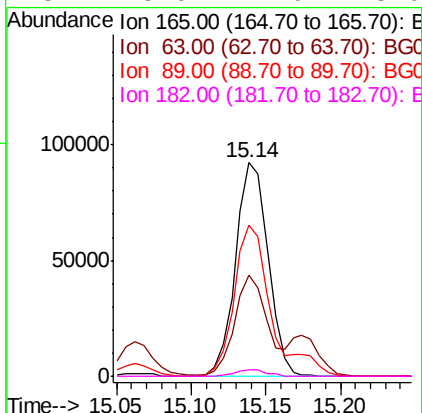
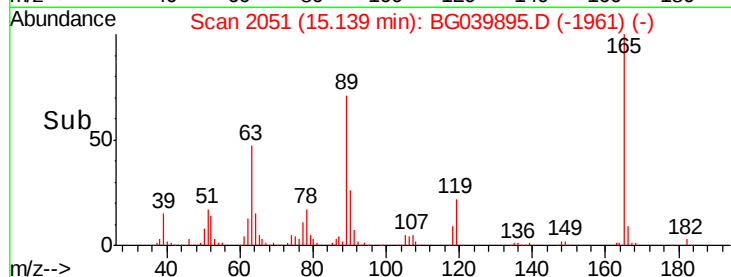
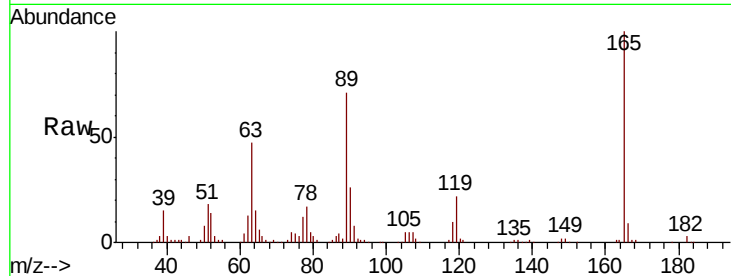
#57  
 2,4-Dinitrotoluene  
 Concen: 50.671 ng  
 RT: 15.14 min Scan# 2051  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 47.3  | 41.0       | 61.6  |
| 89      | 70.9  | 64.6       | 96.8  |
| 182     | 3.0   | 2.0        | 3.0#  |

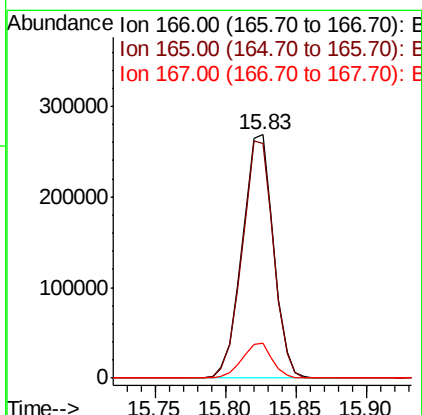
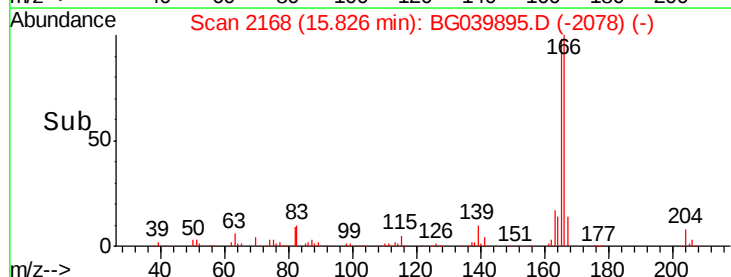
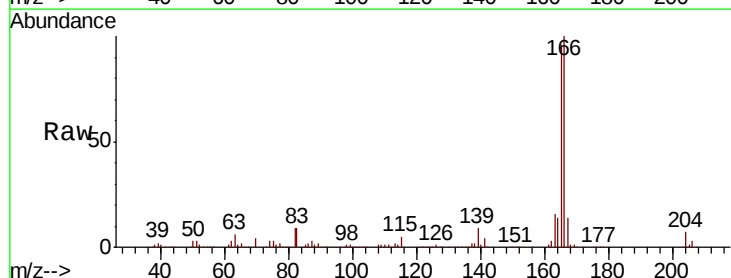
Manual Integrations  
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#58  
 Fluorene  
 Concen: 47.518 ng  
 RT: 15.83 min Scan# 2168  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 96.4  | 77.9       | 116.9 |
| 167     | 14.2  | 10.8       | 16.2  |





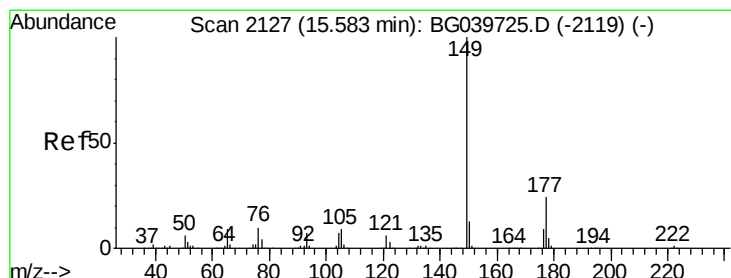
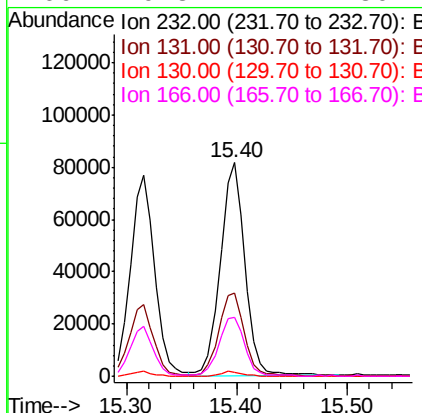
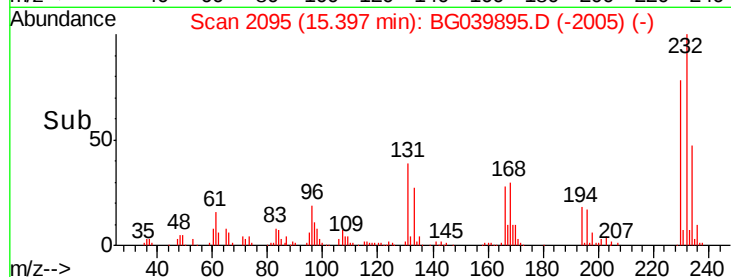
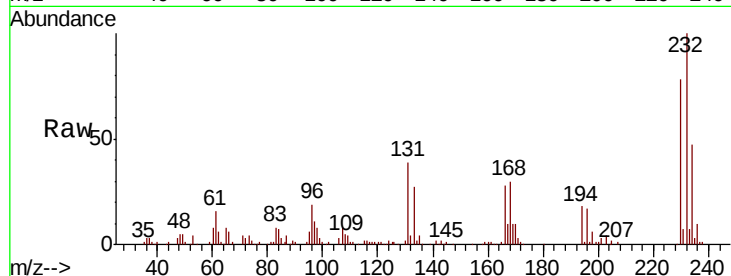
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 51.981 ng  
 RT: 15.40 min Scan# 2095  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.2  | 34.9  | 52.3  |
| 130     | 2.1   | 2.0   | 3.0   |
| 166     | 29.3  | 24.1  | 36.1  |

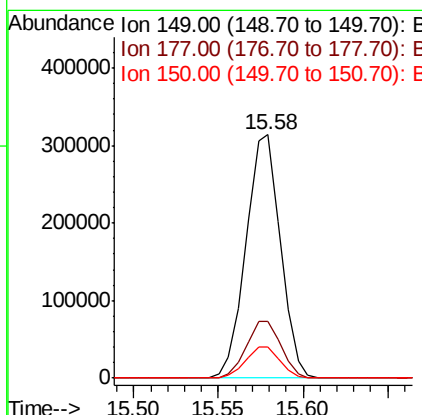
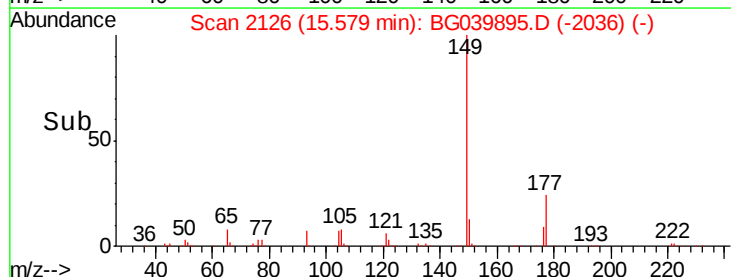
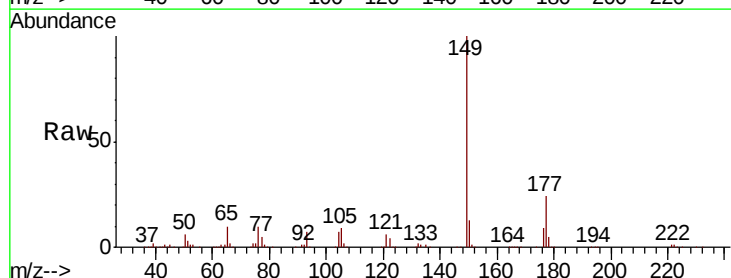
Manual Integrations  
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#60  
 Diethylphthalate  
 Concen: 48.700 ng  
 RT: 15.58 min Scan# 2126  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.5  | 18.3  | 27.5  |
| 150     | 12.7  | 10.2  | 15.2  |





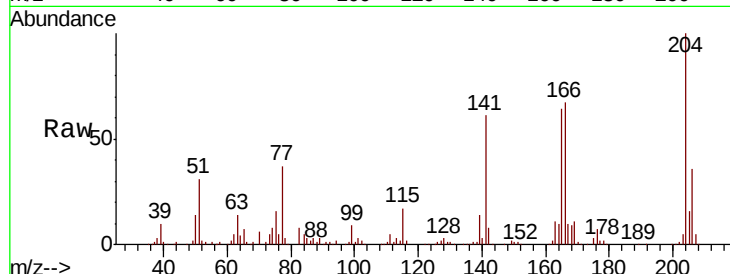
#61  
4-Chlorophenyl-phenylether  
Concen: 46.531 ng  
RT: 15.81 min Scan# 2165  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 36.3  | 29.2  | 43.8  |
| 141     | 60.7  | 49.0  | 73.4  |

Manual Integrations  
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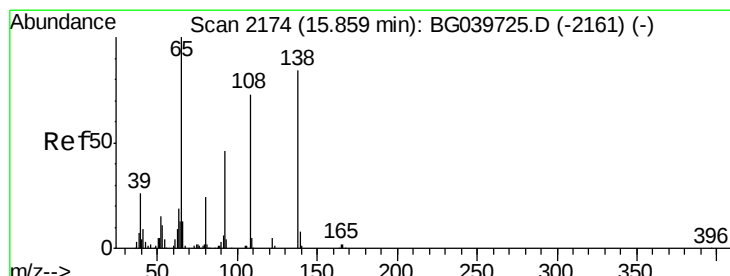
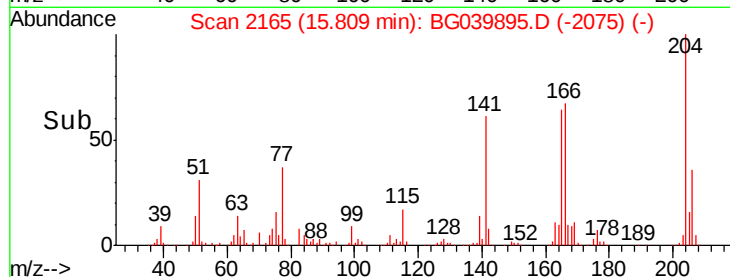
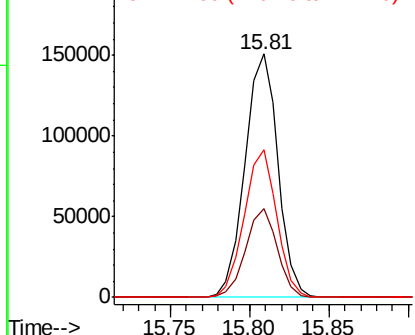


Abundance

Ion 204.00 (203.70 to 204.70): E

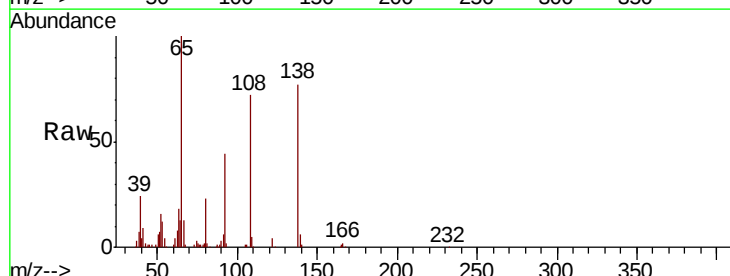
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 45.549 ng  
RT: 15.86 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.0  | 38.7  | 78.7  |
| 108     | 93.5  | 74.6  | 114.6 |

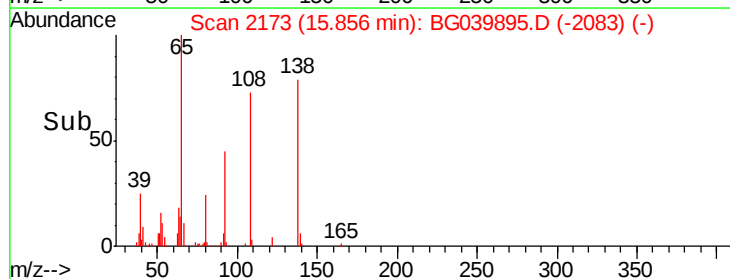
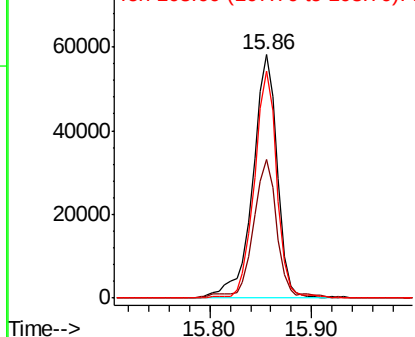


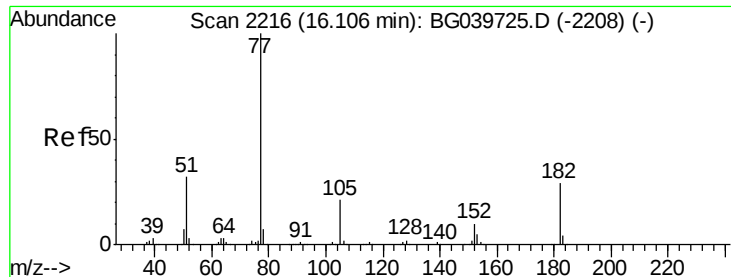
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





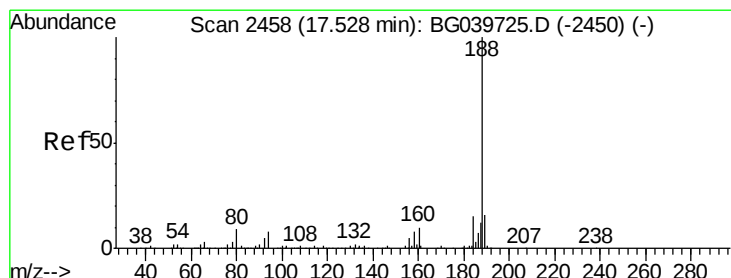
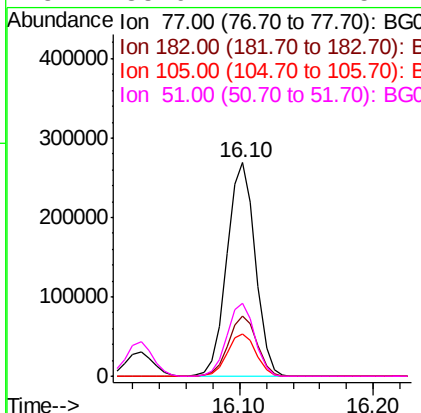
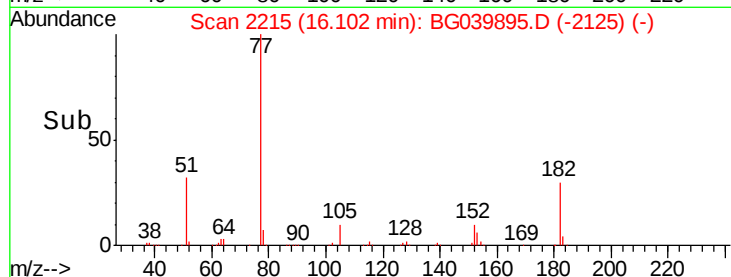
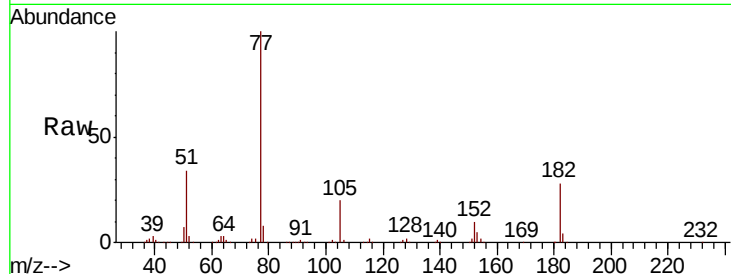
#63  
Azobenzene  
Concen: 47.956 ng  
RT: 16.10 min Scan# 2215  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.1  | 6.4   | 46.4  |
| 105     | 19.9  | 0.0   | 39.8  |
| 51      | 33.9  | 14.1  | 54.1  |

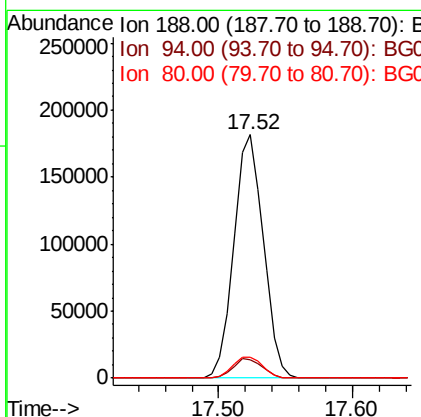
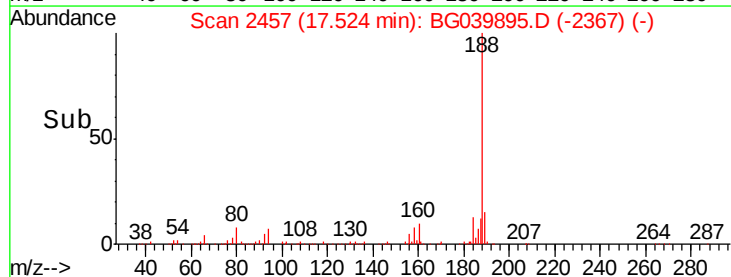
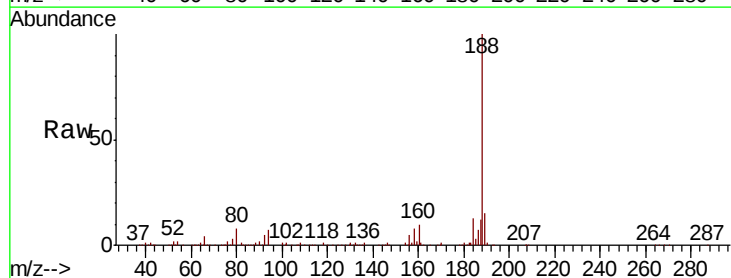
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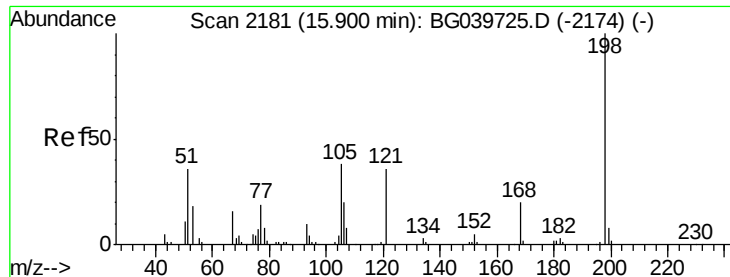
Sohil  
3/13/2019 5:49:31 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.52 min Scan# 2457  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.5   | 6.9   | 10.3  |
| 80      | 8.4   | 8.1   | 12.1  |





#65

4,6-Dinitro-2-methylphenol

Concen: 27.442 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

ClientSampleId :

SU-04-031119-AMS

Tot Ion:198 Resp: 45286

Ion Ratio Lower Upper

198 100

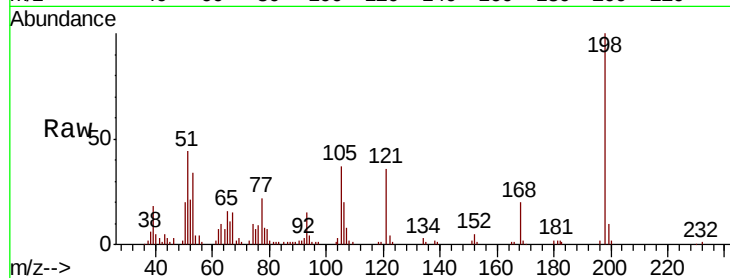
51 43.9 27.4 67.4

105 37.2 19.7 59.7

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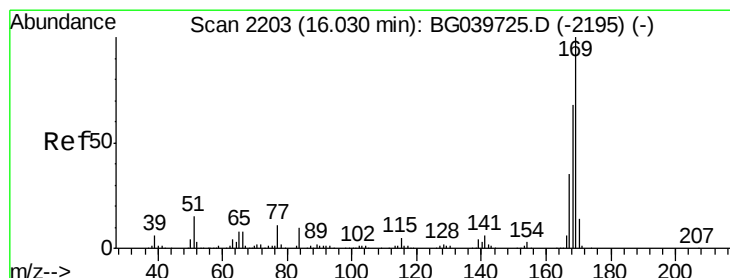
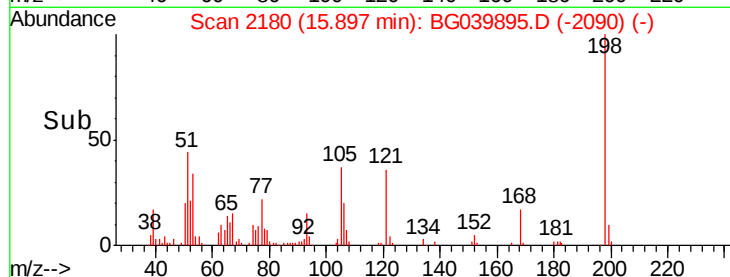
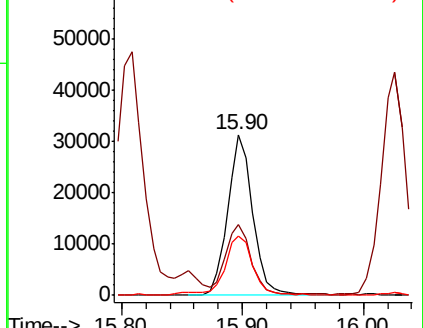
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.575 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

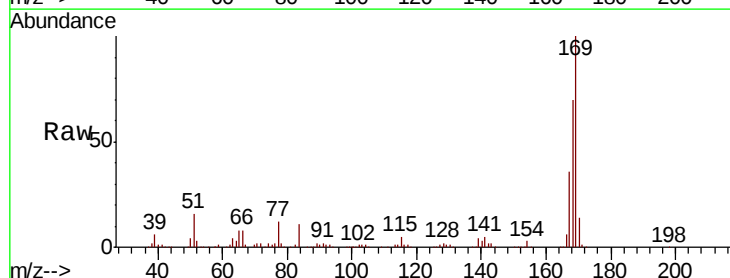
Tgt Ion:169 Resp: 384409

Ion Ratio Lower Upper

169 100

168 70.1 56.6 85.0

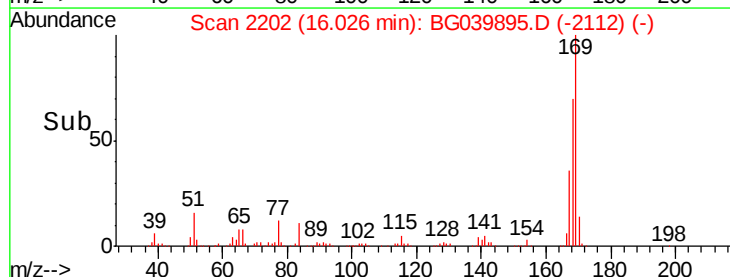
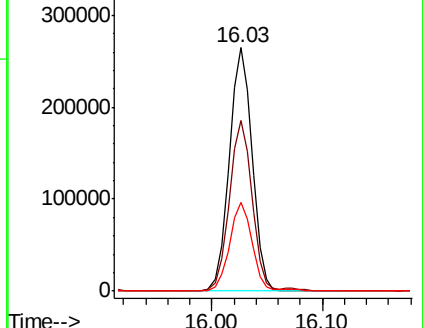
167 36.4 28.8 43.2

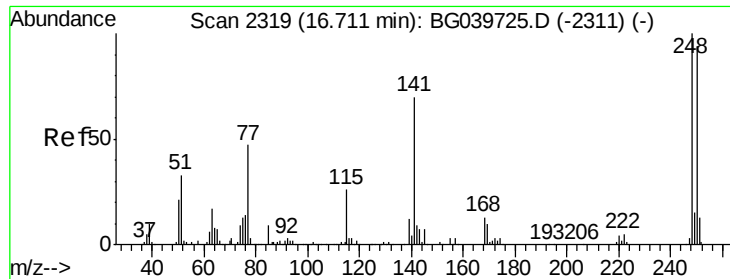


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





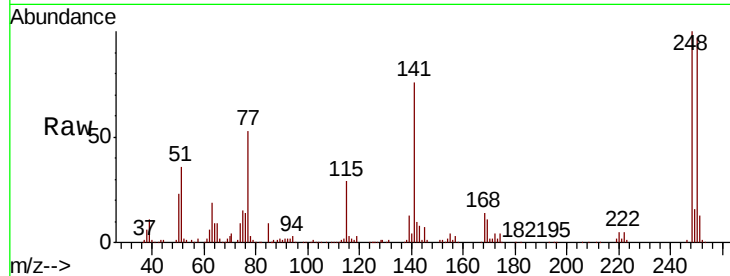
#67  
4-Bromophenyl-phenylether  
Concen: 47.446 ng  
RT: 16.70 min Scan# 2317  
Delta R.T. -0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.8  | 77.6  | 116.4 |
| 141     | 76.4  | 63.9  | 95.9  |

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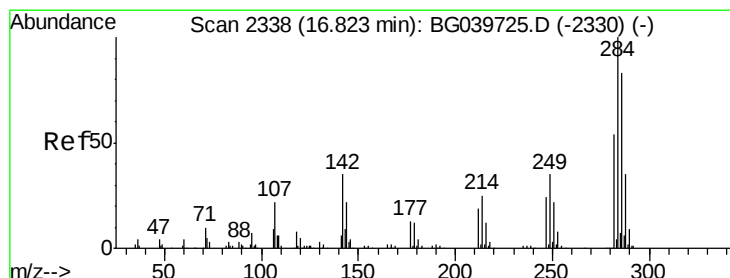
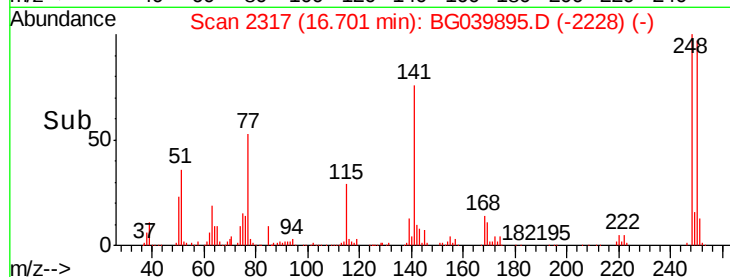
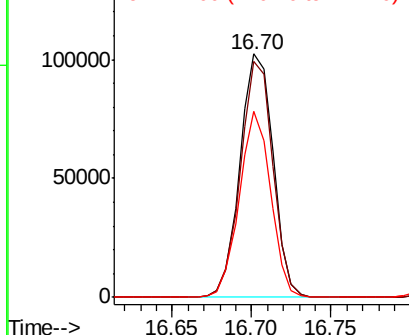


Abundance

Ion 248.00 (247.70 to 248.70): E

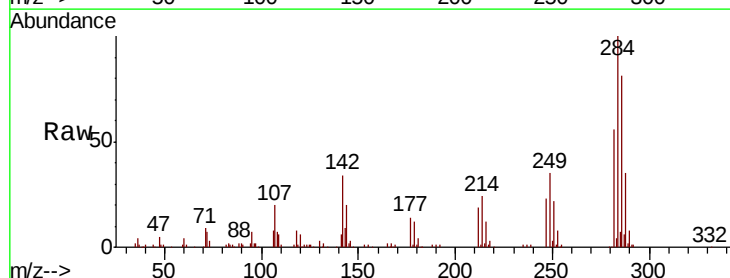
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 46.016 ng  
RT: 16.82 min Scan# 2337  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.9  | 30.6  | 45.8  |
| 249     | 35.4  | 28.2  | 42.2  |

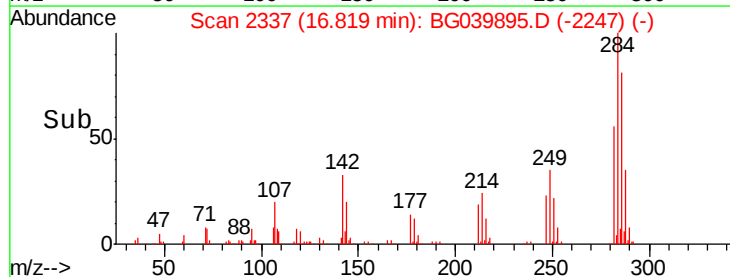
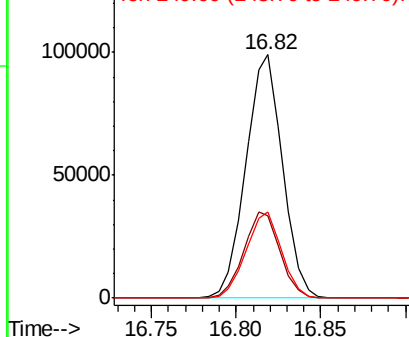


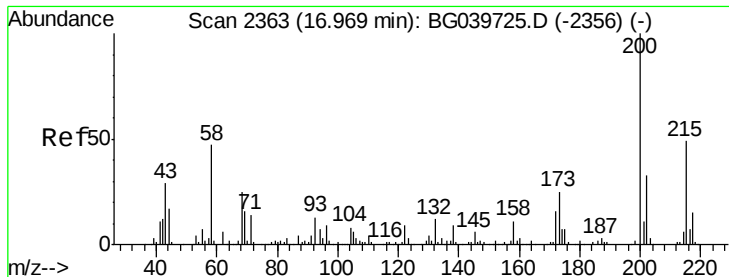
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





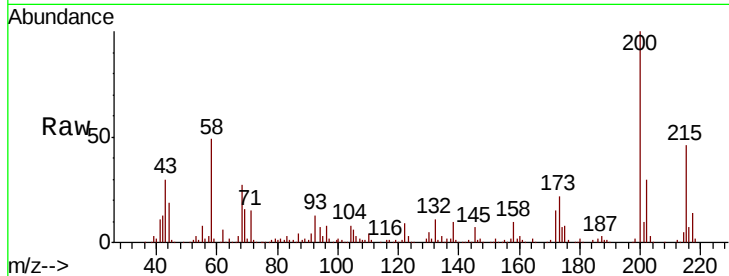
#69  
 Atrazine  
 Concen: 49.326 ng  
 RT: 16.97 min Scan# 2362  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 21.8  | 3.9        | 43.9  |
| 215     | 46.4  | 30.9       | 70.9  |

Manual Integrations  
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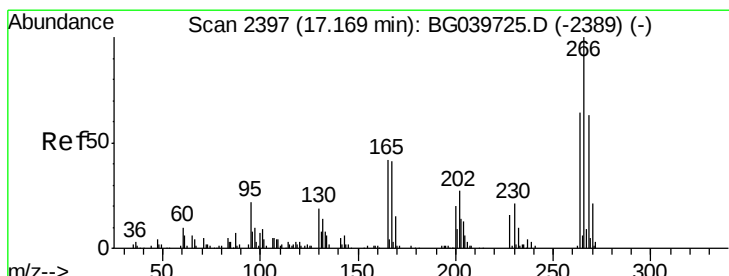
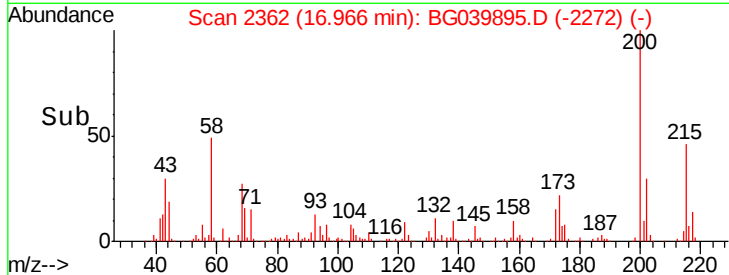
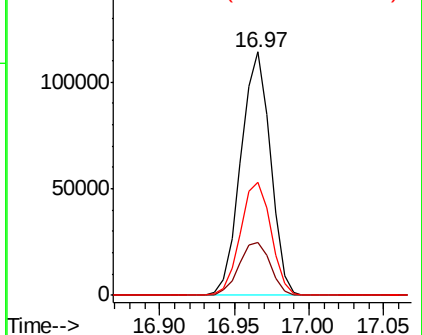


Abundance

Ion 200.00 (199.70 to 200.70): E

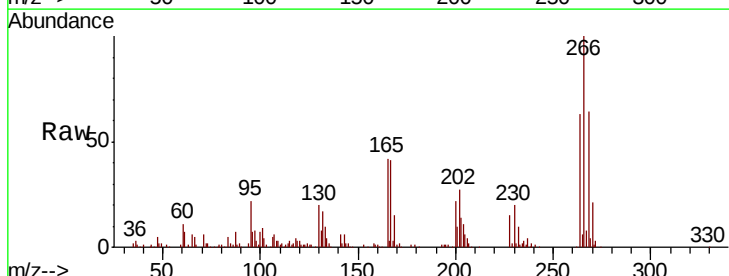
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 63.102 ng  
 RT: 17.17 min Scan# 2396  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.6  | 51.1       | 76.7  |
| 264     | 62.8  | 52.1       | 78.1  |

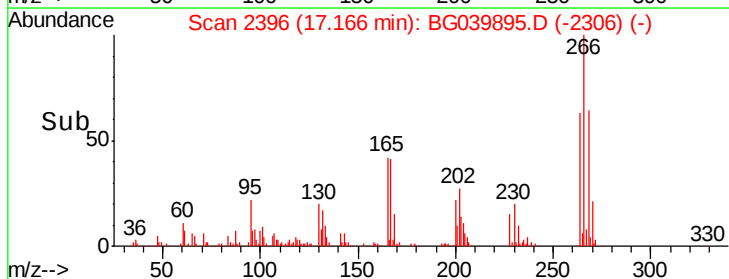
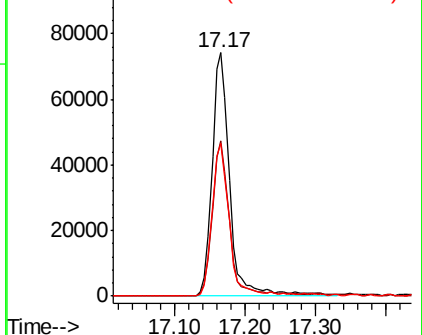


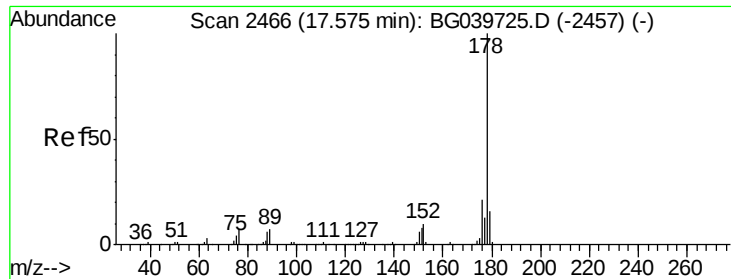
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





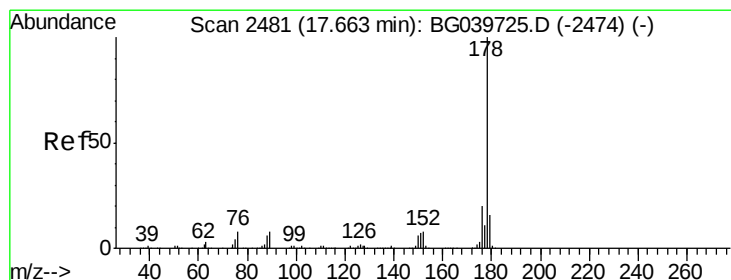
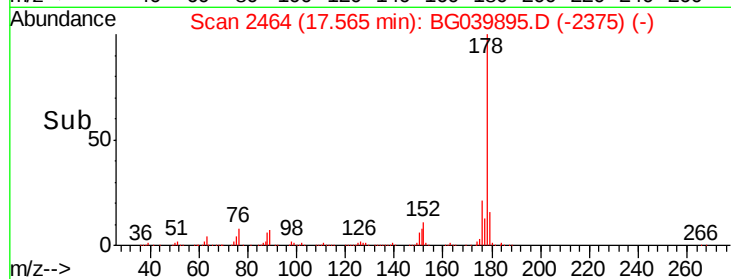
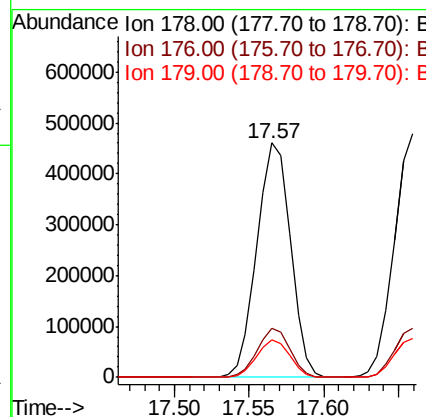
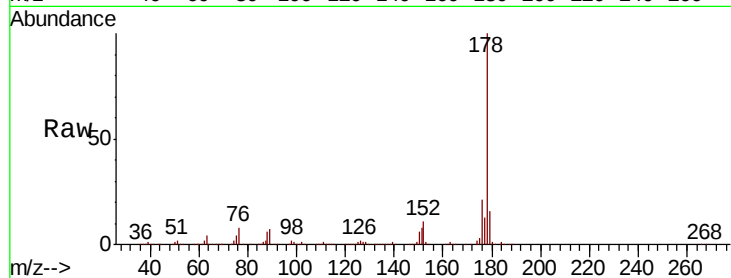
#71  
Phenanthrene  
Concen: 46.684 ng  
RT: 17.57 min Scan# 2464  
Delta R.T. -0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 16.2  | 24.4  |
| 179     | 16.0  | 12.6  | 19.0  |

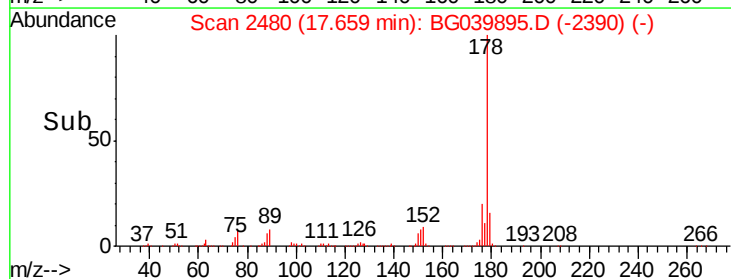
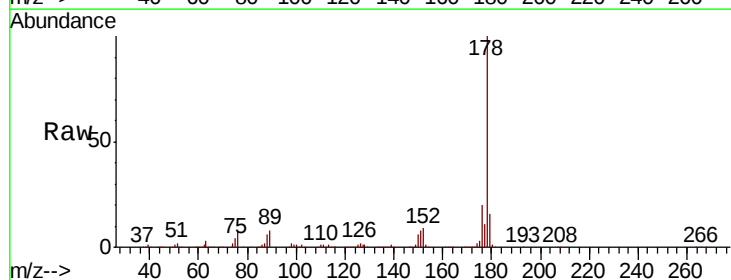
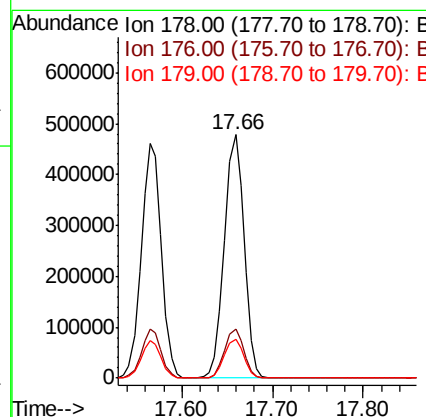
Manual Integrations  
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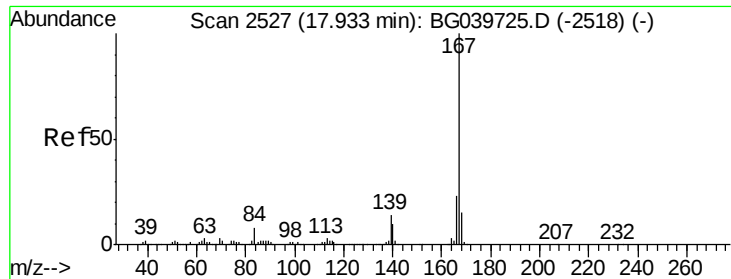
Sohil  
3/13/2019 5:49:31 PM



#72  
Anthracene  
Concen: 48.140 ng  
RT: 17.66 min Scan# 2480  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.8  | 23.6  |
| 179     | 16.1  | 12.5  | 18.7  |





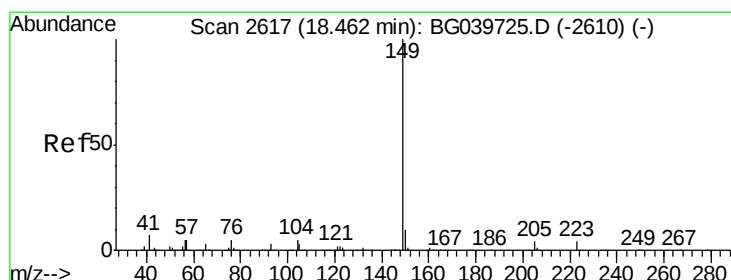
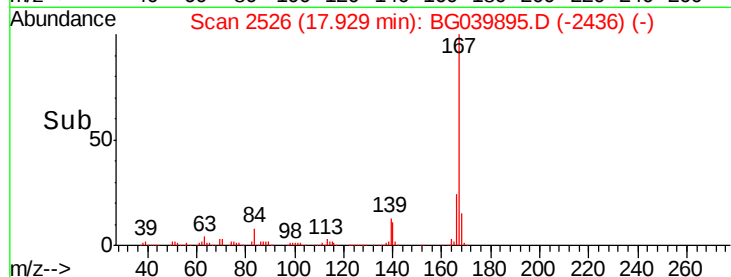
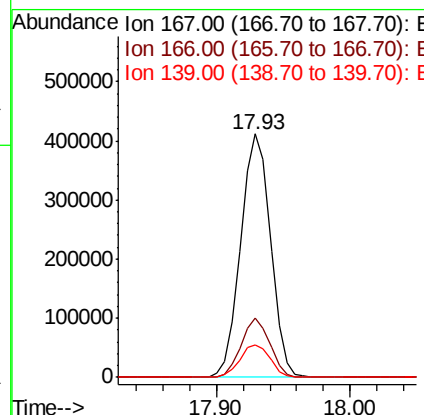
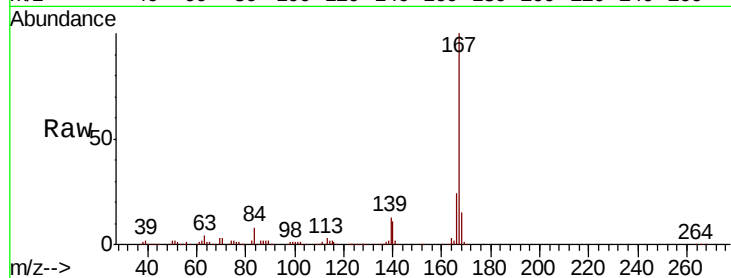
#73  
 Carbazole  
 Concen: 47.180 ng  
 RT: 17.93 min Scan# 2526  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.5  | 19.4  | 29.2  |
| 139     | 13.3  | 10.8  | 16.2  |

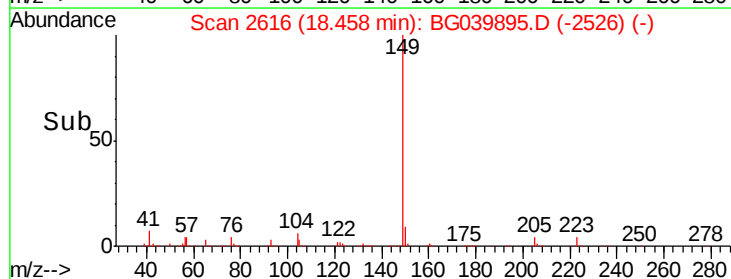
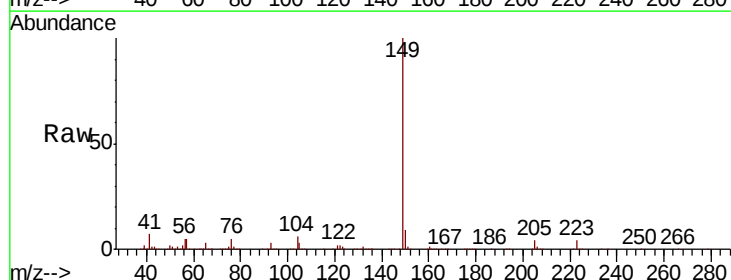
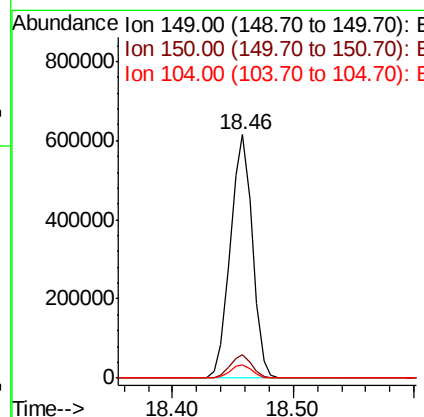
Manual Integrations  
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#74  
 Di-n-butylphthalate  
 Concen: 48.883 ng  
 RT: 18.46 min Scan# 2616  
 Delta R.T. 0.00 min  
 Lab File: BG039895.D  
 Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.7   | 11.5  |
| 104     | 5.6   | 4.5   | 6.7   |





#75

Fluoranthene

Concen: 47.105 ng

RT: 19.57 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

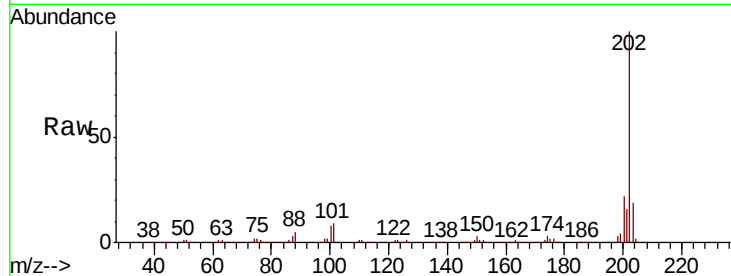
ClientSampleId :

SU-04-031119-AMS

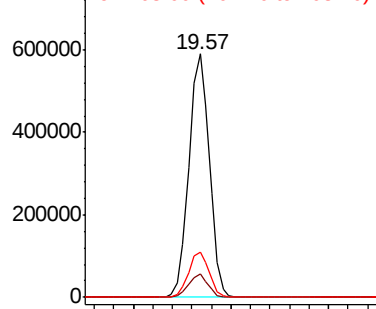
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 855826 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 101       | 9.5  | 0.0   | 30.0   |
| 203       | 18.7 | 0.0   | 38.9   |

Manual Integrations  
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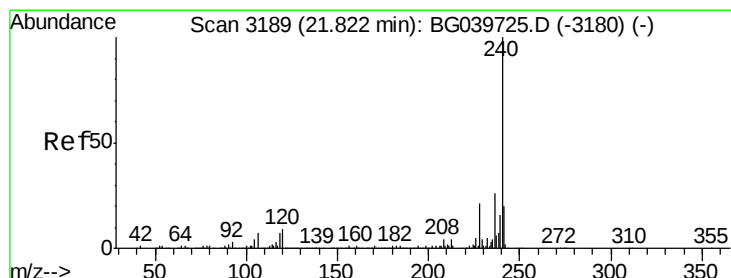
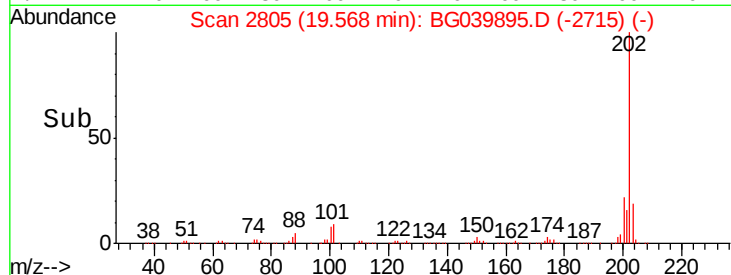
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

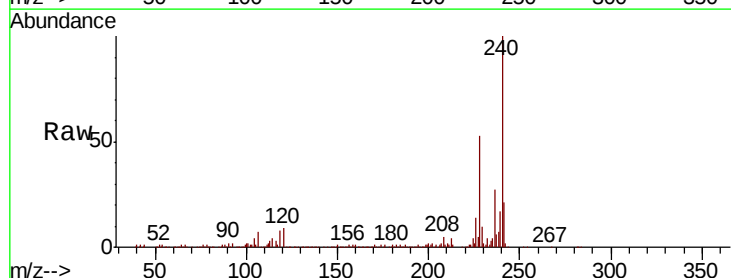
RT: 21.81 min Scan# 3187

Delta R.T. 0.00 min

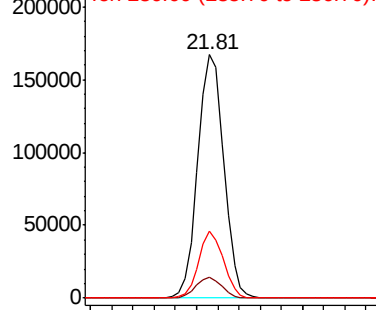
Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

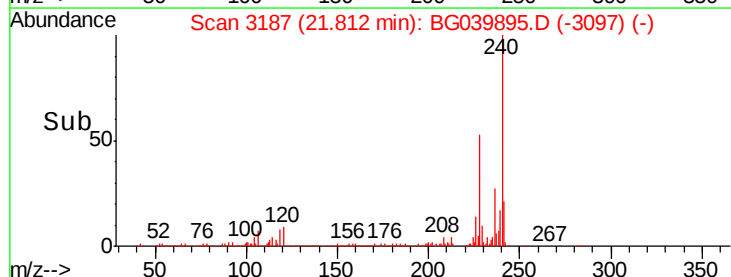
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 283695 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 8.7  | 7.0   | 10.6   |
| 236       | 27.3 | 21.0  | 31.4   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 4.546 ng

RT: 19.75 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

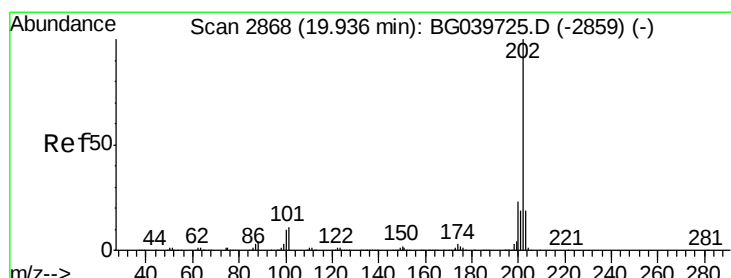
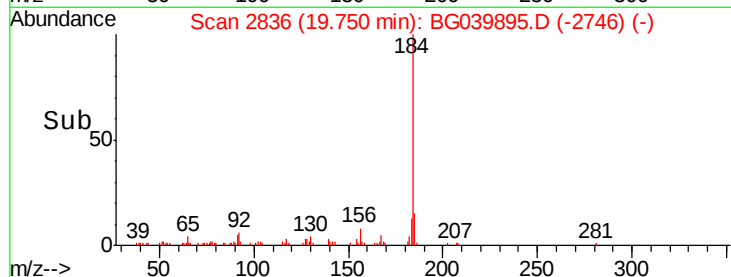
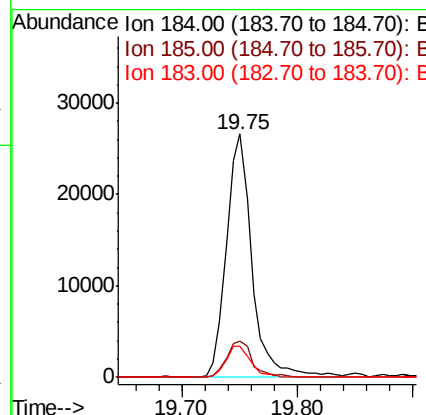
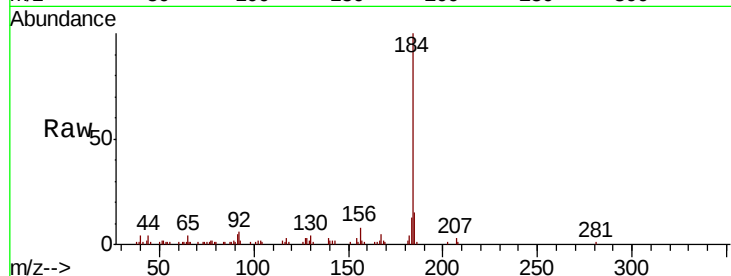
ClientSampleId :

SU-04-031119-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 40927 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 14.9  | 12.2  | 18.2  |
| 183       | 12.7  | 10.6  | 15.8  |

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#78

Pyrene

Concen: 47.052 ng

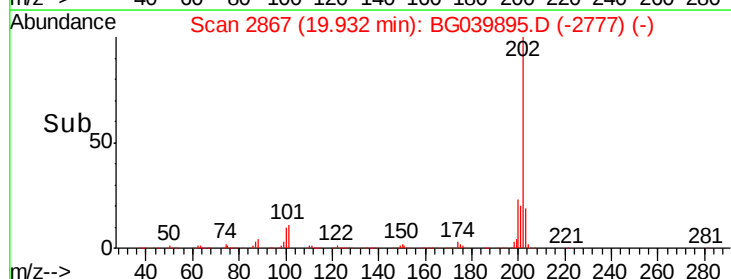
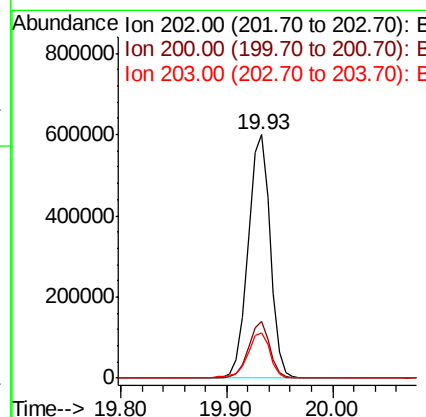
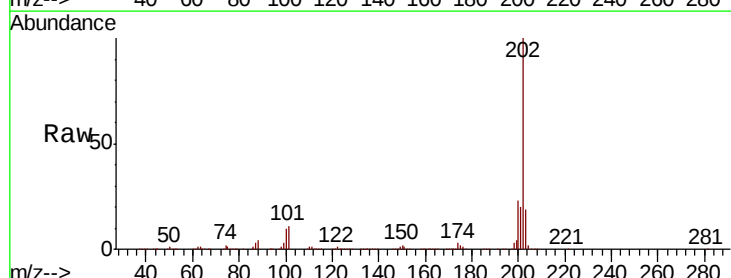
RT: 19.93 min Scan# 2867

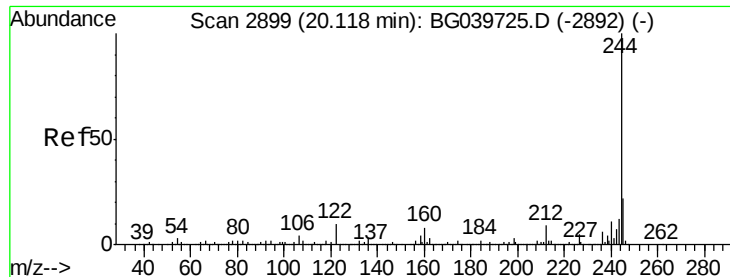
Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 867381 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 23.4  | 17.8  | 26.8   |
| 203       | 18.8  | 15.3  | 22.9   |





#79

Terphenyl-d14

Concen: 100.527 ng

RT: 20.11 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

ClientSampleId :

SU-04-031119-AMS

Tot Ion:244 Resp: 1295260

Ion Ratio Lower Upper

244 100

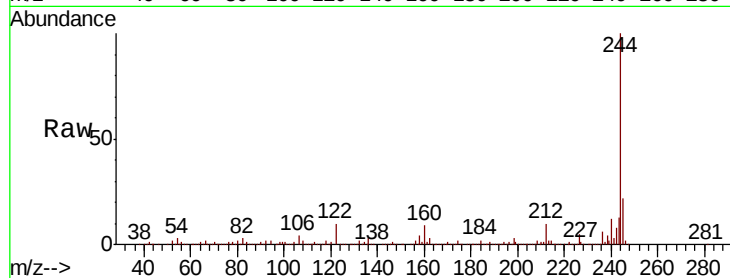
212 9.6 7.3 10.9

122 10.1 8.4 12.6

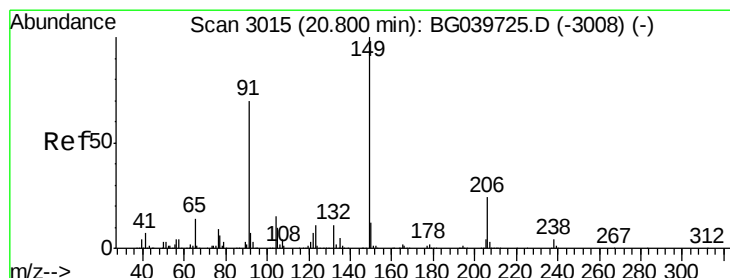
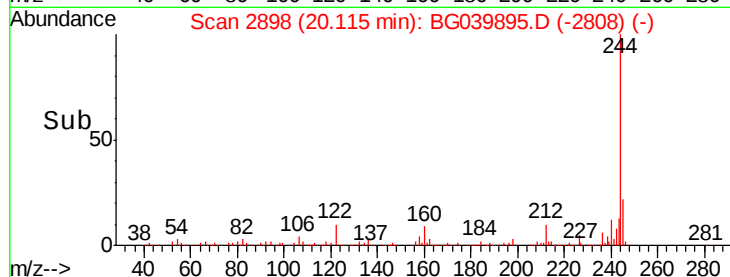
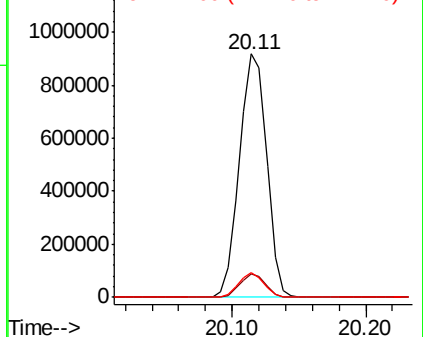
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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.501 ng

RT: 20.80 min Scan# 3014

Delta R.T. 0.00 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

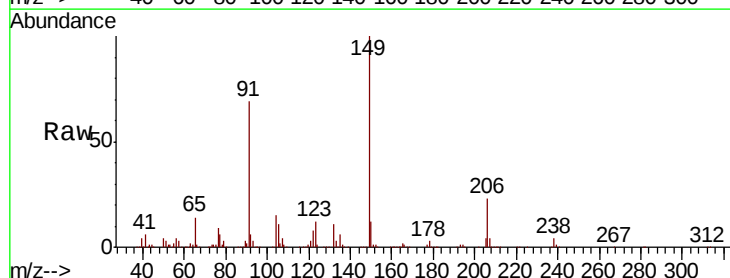
Tgt Ion:149 Resp: 360680

Ion Ratio Lower Upper

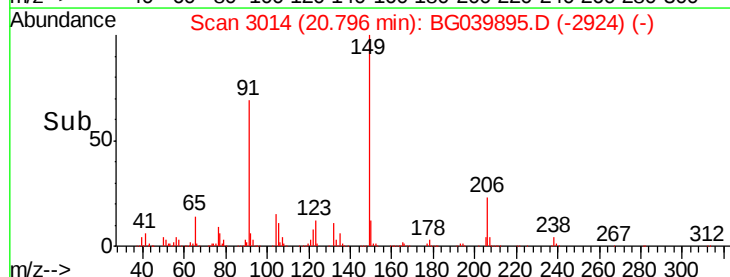
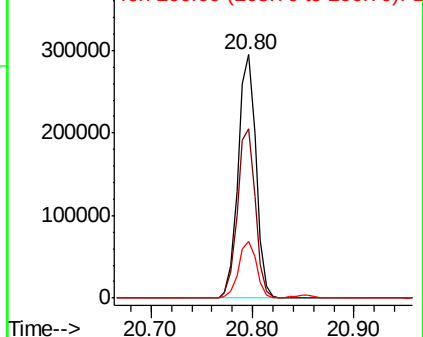
149 100

91 69.4 59.5 89.3

206 23.5 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E





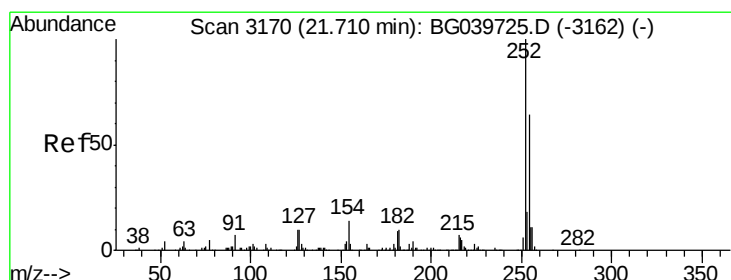
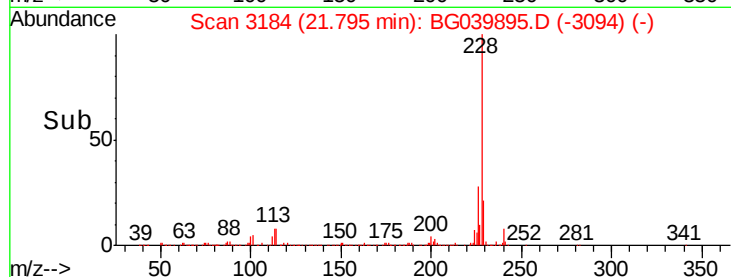
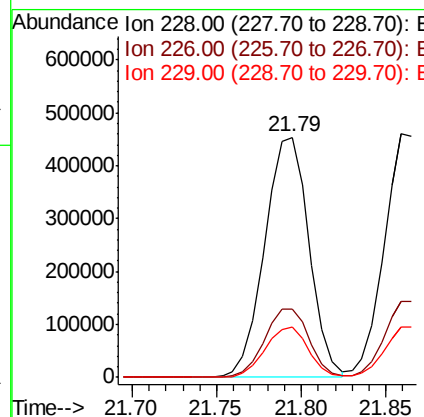
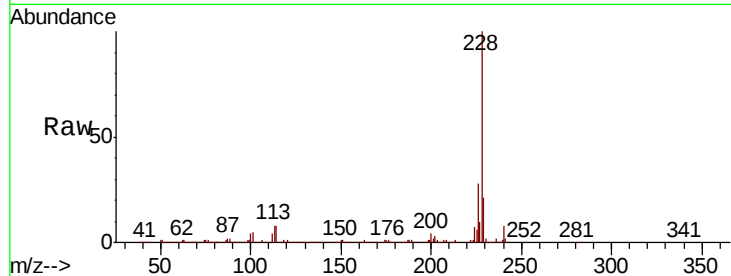
#81  
Benzo(a)anthracene  
Concen: 46.513 ng  
RT: 21.79 min Scan# 3184  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 23.0  | 34.6  |
| 229     | 20.8  | 16.9  | 25.3  |

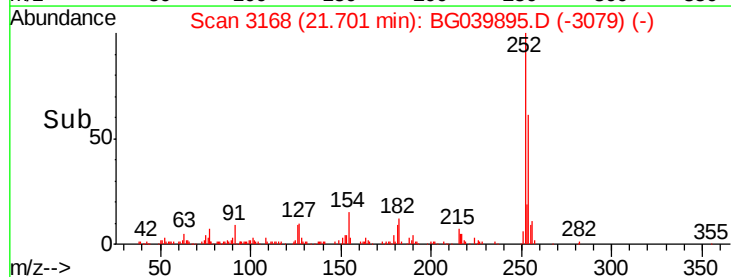
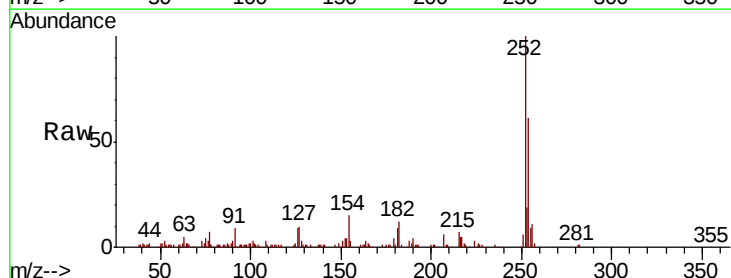
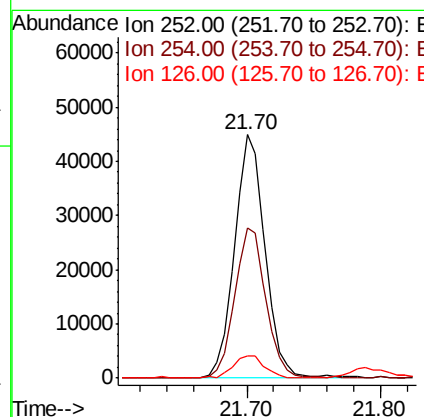
Manual Integrations  
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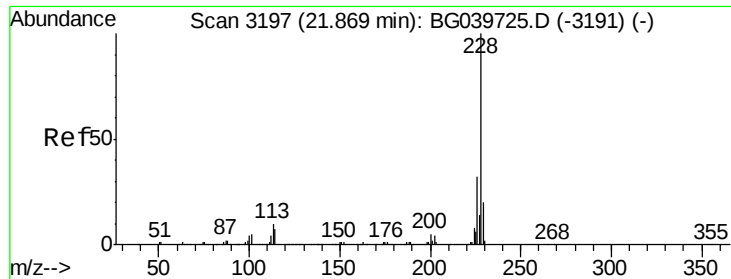
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#82  
3,3'-Dichlorobenzidine  
Concen: 10.997 ng  
RT: 21.70 min Scan# 3168  
Delta R.T. -0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 61.4  | 51.3  | 76.9  |
| 126     | 9.0   | 8.0   | 12.0  |





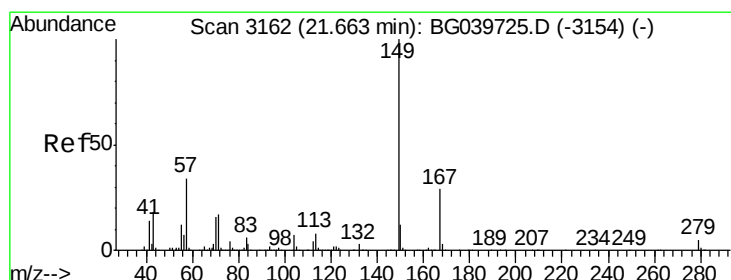
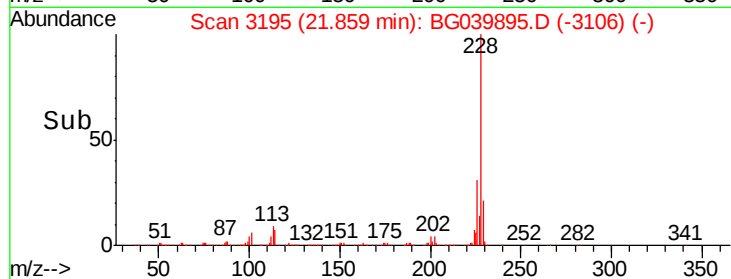
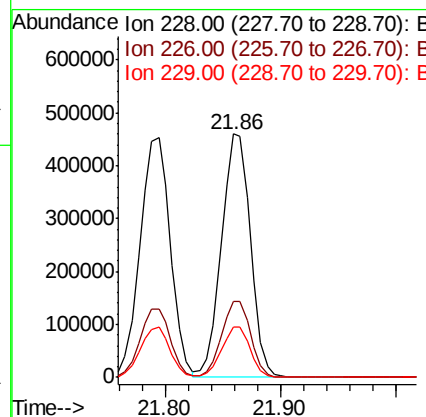
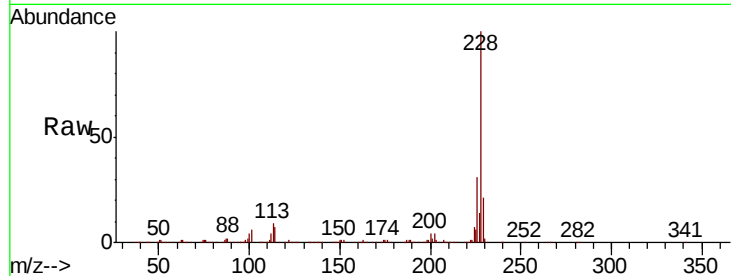
#83  
Chrysene  
Concen: 46.154 ng  
RT: 21.86 min Scan# 3195  
Delta R.T. -0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 795567 |       |       |
| 226     | 31.1  | 25.8   | 38.6  |       |
| 229     | 20.9  | 16.6   | 25.0  |       |

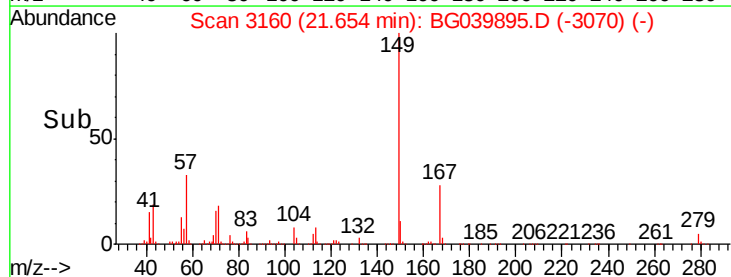
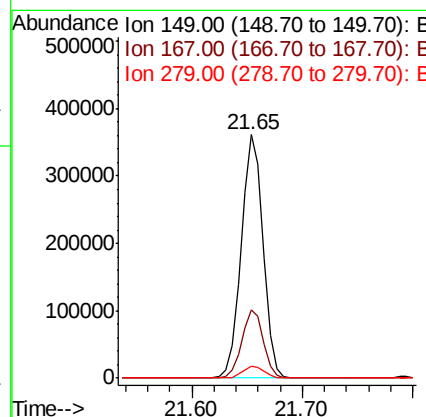
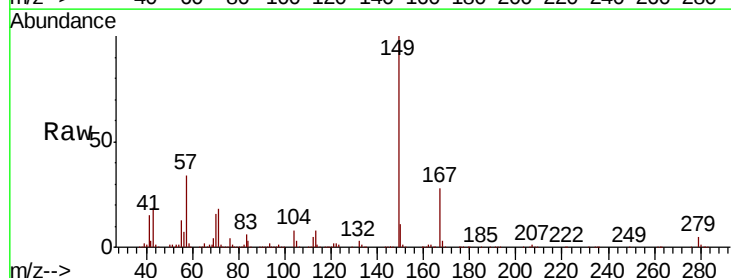
Manual Integrations  
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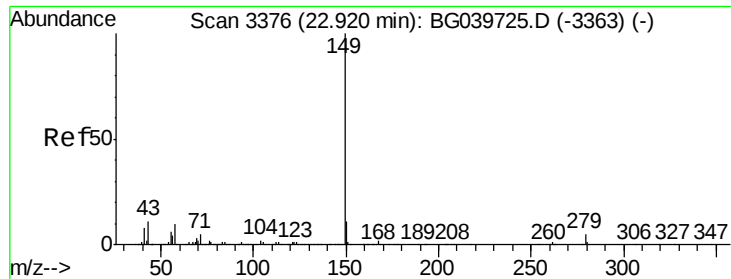
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3/13/2019 5:49:31 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.762 ng  
RT: 21.65 min Scan# 3160  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 499426 |       |       |
| 167     | 28.1  | 22.6   | 34.0  |       |
| 279     | 5.0   | 3.5    | 5.3   |       |





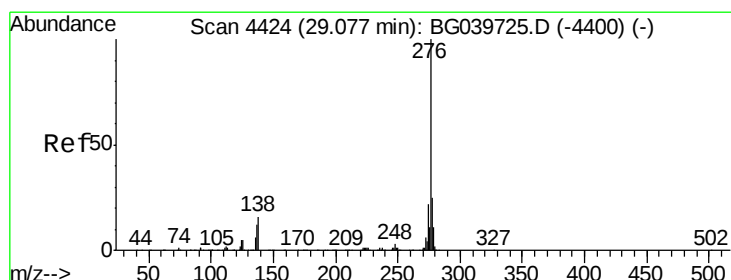
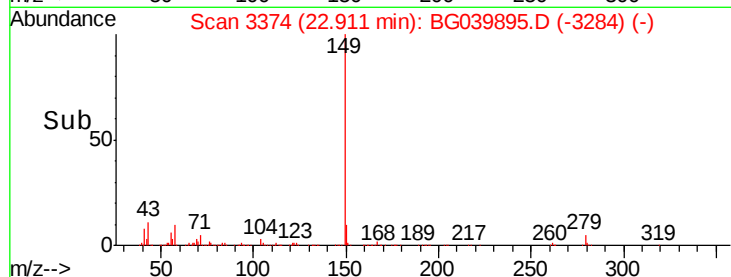
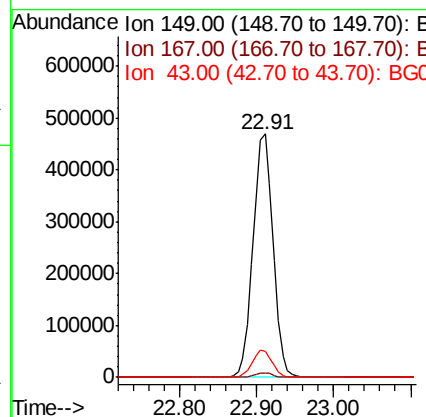
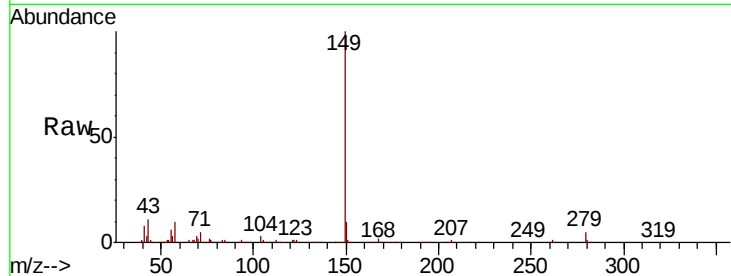
#85  
Di-n-octyl phthalate  
Concen: 51.467 ng  
RT: 22.91 min Scan# 3374  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 11.2  | 10.2  | 15.4  |

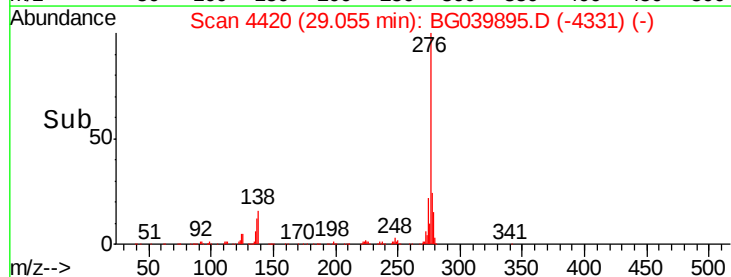
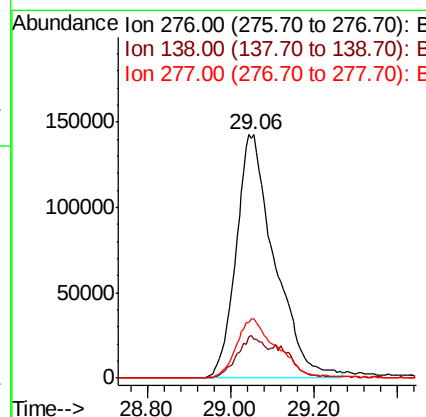
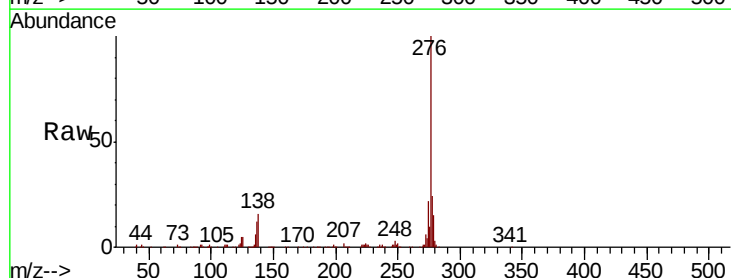
Manual Integrations  
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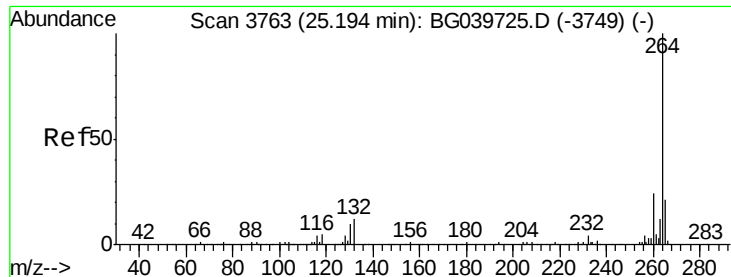
Sohil  
3/13/2019 5:49:31 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 46.749 ng  
RT: 29.06 min Scan# 4420  
Delta R.T. -0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 12.4  | 12.6  | 19.0# |
| 277     | 25.3  | 20.8  | 31.2  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.01 min

Lab File: BG039895.D

Acq: 13 Mar 2019 5:27

Instrument :

BNA\_G

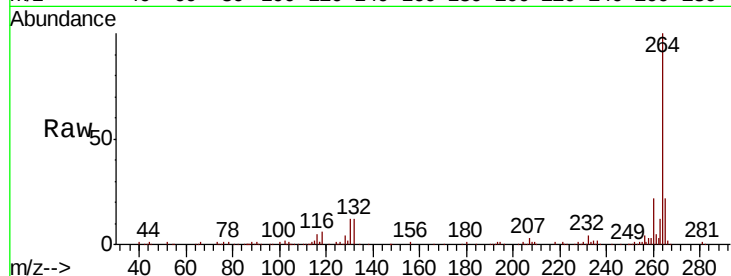
ClientSampleId :

SU-04-031119-AMS

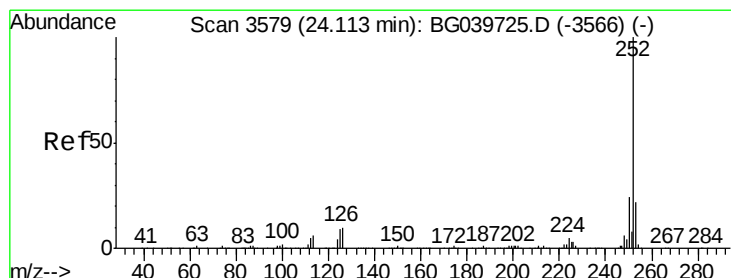
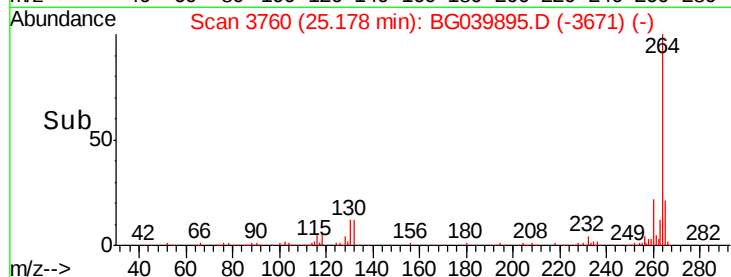
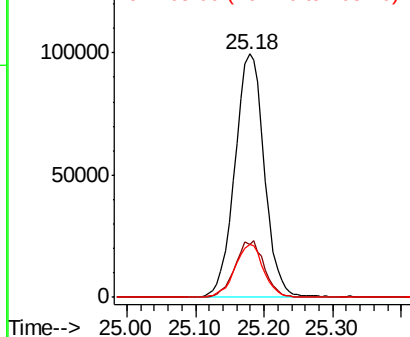
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 296627 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 21.9  | 18.2  | 27.4   |
| 265       | 21.6  | 18.5  | 27.7   |

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3/13/2019 5:49:31 PM



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.318 ng

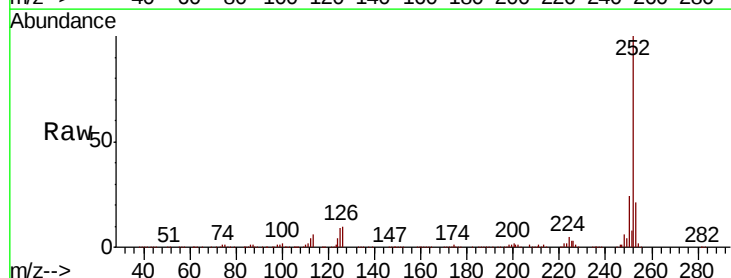
RT: 24.10 min Scan# 3577

Delta R.T. 0.00 min

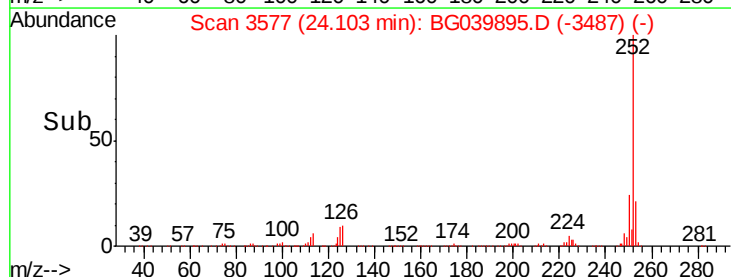
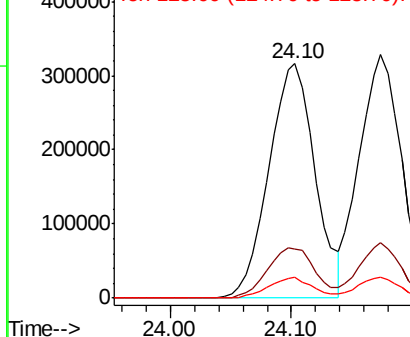
Lab File: BG039895.D

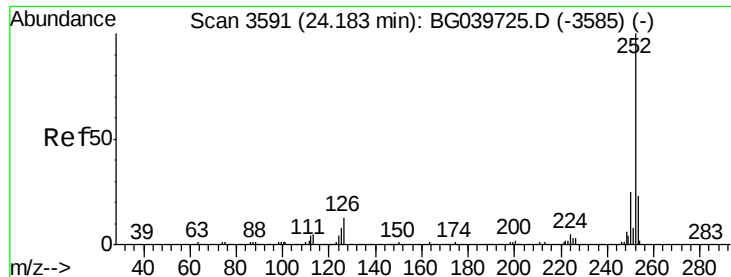
Acq: 13 Mar 2019 5:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 836987 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.2  | 17.8  | 26.8   |
| 125       | 8.6   | 7.8   | 11.6   |



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





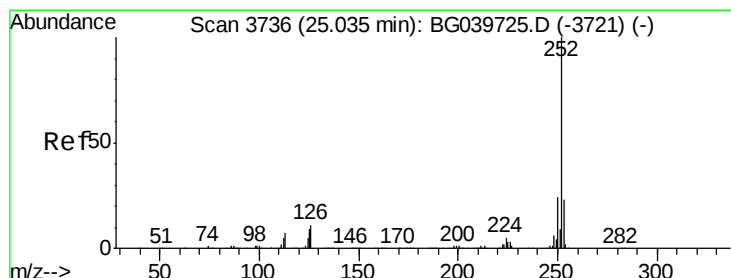
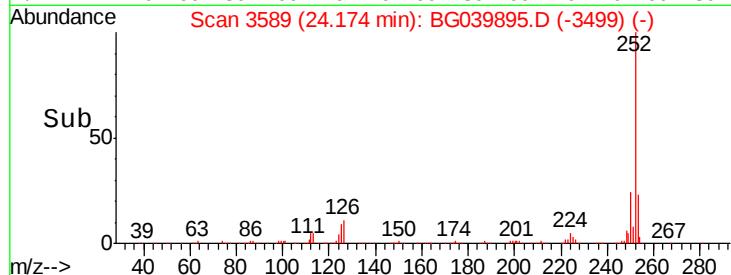
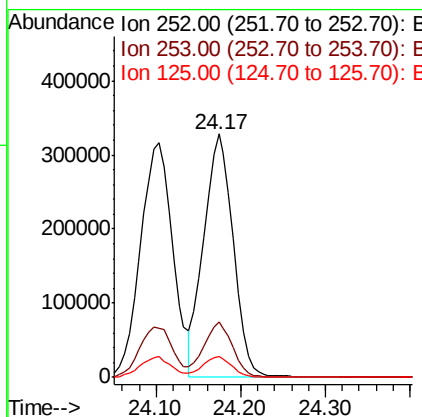
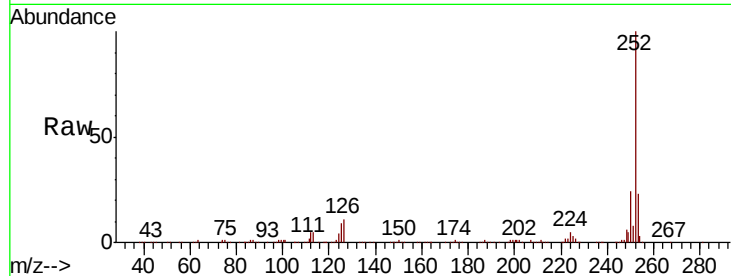
#89  
Benzo(k)fluoranthene  
Concen: 48.389 ng  
RT: 24.17 min Scan# 3589  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.2  | 27.2  |
| 125     | 8.6   | 7.4   | 11.2  |

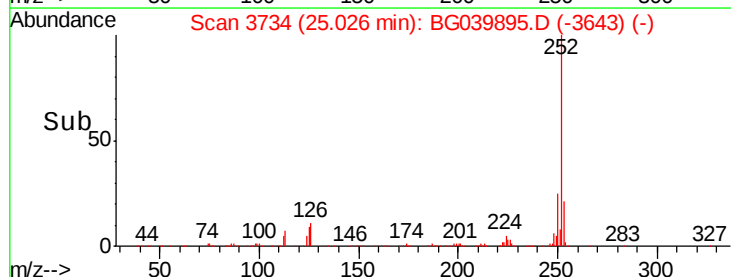
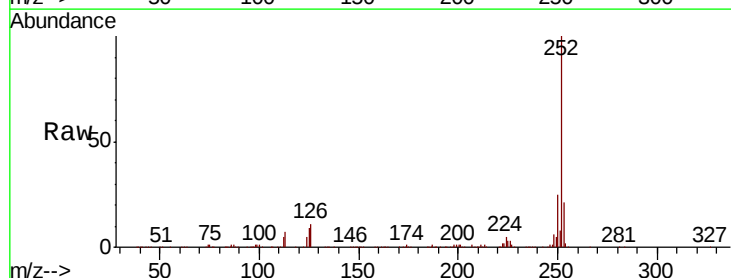
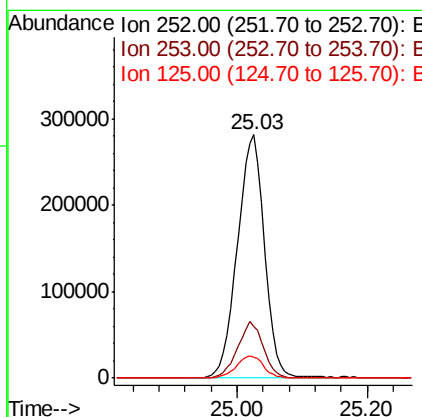
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#90  
Benzo(a)pyrene  
Concen: 49.592 ng  
RT: 25.03 min Scan# 3734  
Delta R.T. 0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.9  | 26.9  |
| 125     | 8.7   | 8.3   | 12.5  |





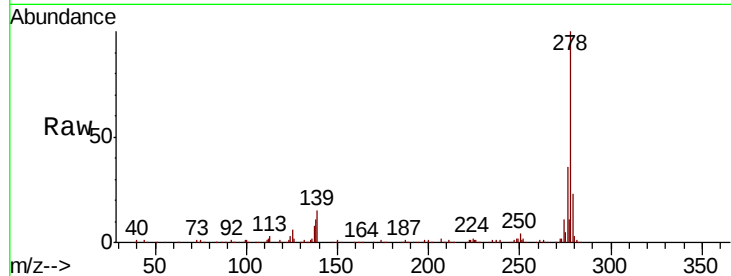
#91  
Dibenzo(a,h)anthracene  
Concen: 46.547 ng  
RT: 29.13 min Scan# 4432  
Delta R.T. 0.00 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

Instrument :  
BNA\_G  
ClientSampleId :  
SU-04-031119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.6  | 11.7  | 17.5  |
| 279     | 22.9  | 19.1  | 28.7  |

Manual Integrations  
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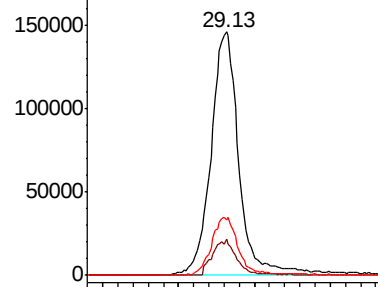


Abundance

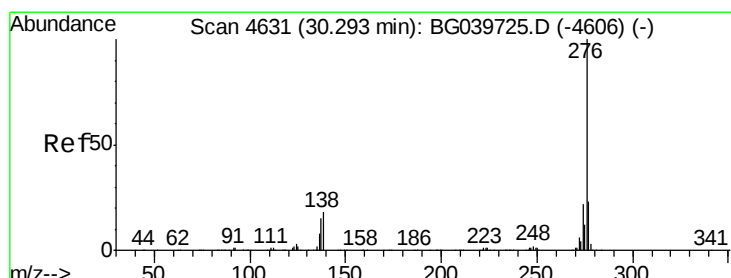
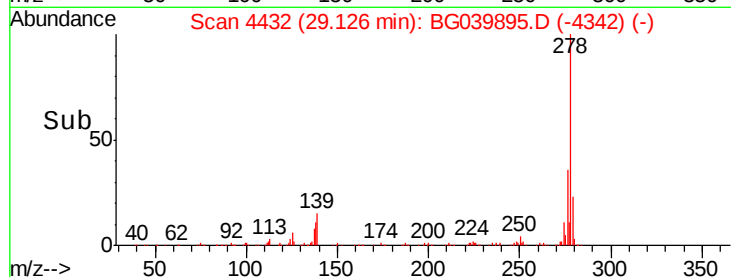
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92  
Benzo(g,h,i)perylene  
Concen: 45.781 ng  
RT: 30.27 min Scan# 4627  
Delta R.T. -0.01 min  
Lab File: BG039895.D  
Acq: 13 Mar 2019 5:27

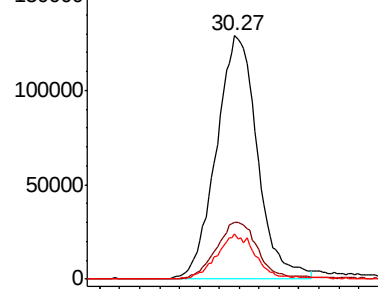
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 19.6  | 29.4  |
| 138     | 18.4  | 14.7  | 22.1  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

