

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\  
 Data File : BG039942.D  
 Acq On : 15 Mar 2019 15:31  
 Operator : JU/SJ  
 Sample : PB117964BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117964BS

Manual Integrations  
 APPROVED

Sohil  
 3/18/2019 3:02:39 PM

Quant Time: Mar 16 04:26:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 36822    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.97 | 136  | 158663   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.77 | 164  | 102221   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.52 | 188  | 254573   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.81 | 240  | 278611   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.18 | 264  | 262141   | 20.00 | ng    | -0.02    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.70  | 112 | 300960 | 139.44 | ng | -0.01 |
| 7) Phenol-d6                | 7.29  | 99  | 417505 | 129.73 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 9.33  | 82  | 235461 | 80.26  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 16.26 | 330 | 159449 | 133.83 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 13.40 | 172 | 568289 | 79.16  | ng | -0.02 |
| 79) Terphenyl-d14           | 20.11 | 244 | 996949 | 78.79  | ng | -0.01 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.58  | 88  | 38609  | 38.746 | ng | 100  |
| 3) Pyridine                    | 3.98  | 79  | 96317  | 36.105 | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.90  | 42  | 52977  | 41.861 | ng | # 93 |
| 6) Aniline                     | 7.47  | 93  | 114973 | 27.268 | ng | 98   |
| 8) 2-Chlorophenol              | 7.71  | 128 | 110917 | 42.359 | ng | 96   |
| 9) Benzaldehyde                | 7.29  | 77  | 46203  | 22.256 | ng | 97   |
| 10) Phenol                     | 7.32  | 94  | 148964 | 42.727 | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 106365 | 39.130 | ng | 97   |
| 12) 1,3-Dichlorobenzene        | 8.03  | 146 | 117328 | 39.618 | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146 | 119581 | 39.642 | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146 | 113827 | 39.055 | ng | 96   |
| 15) Benzyl Alcohol             | 8.39  | 79  | 106385 | 41.672 | ng | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.66  | 45  | 219533 | 40.381 | ng | 100  |
| 17) 2-Methylphenol             | 8.58  | 107 | 96143  | 43.248 | ng | 98   |
| 18) Hexachloroethane           | 9.23  | 117 | 42051  | 38.851 | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 87839  | 37.920 | ng | 93   |
| 20) 3+4-Methylphenols          | 8.91  | 107 | 132841 | 43.014 | ng | 96   |
| 22) Acetophenone               | 8.97  | 105 | 164153 | 38.547 | ng | # 98 |
| 24) Nitrobenzene               | 9.37  | 77  | 128407 | 41.723 | ng | 99   |
| 25) Isophorone                 | 9.88  | 82  | 242849 | 39.507 | ng | 99   |
| 26) 2-Nitrophenol              | 10.08 | 139 | 63660  | 42.842 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 113077 | 48.930 | ng | 93   |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 149449 | 40.008 | ng | 100  |
| 29) 2,4-Dichlorophenol         | 10.61 | 162 | 119818 | 46.049 | ng | 92   |
| 30) 1,2,4-Trichlorobenzene     | 10.82 | 180 | 123392 | 42.144 | ng | 99   |
| 31) Naphthalene                | 11.02 | 128 | 343771 | 40.923 | ng | 98   |
| 32) Benzoic acid               | 10.25 | 122 | 58314  | 38.297 | ng | 95   |
| 33) 4-Chloroaniline            | 11.13 | 127 | 77976  | 21.890 | ng | 98   |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 80587  | 40.279 | ng | 94   |
| 35) Caprolactam                | 11.91 | 113 | 38772m | 39.009 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 122462 | 41.058 | ng | 97   |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 260187 | 41.428 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.83 | 142 | 244645 | 40.083 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 145089 | 41.897 | ng | 99   |

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.94 | 237  | 187416   | 100.988 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.21 | 196  | 94356    | 46.540  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.29 | 196  | 99950    | 43.737  | nq    | 95       |
| 46) 1,1'-Biphenyl              | 13.61 | 154  | 349909   | 41.618  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 264533   | 41.824  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.87 | 65   | 88889    | 43.731  | nq    | 99       |
| 49) Acenaphthylene             | 14.50 | 152  | 422587   | 40.700  | nq    | 99       |
| 50) Dimethylphthalate          | 14.22 | 163  | 348500   | 40.772  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.36 | 165  | 74814    | 41.287  | nq    | 99       |
| 52) Acenaphthene               | 14.84 | 154  | 256269   | 41.008  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.68 | 138  | 53068    | 29.134  | nq    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.89 | 184  | 79450    | 70.214  | nq    | 97       |
| 55) Dibenzofuran               | 15.17 | 168  | 422721   | 41.228  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.98 | 139  | 133519   | 81.941  | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 15.14 | 165  | 108233   | 42.509  | nq    | 90       |
| 58) Fluorene                   | 15.82 | 166  | 329591   | 40.890  | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 101708   | 45.571  | nq    | 98       |
| 60) Diethylphthalate           | 15.57 | 149  | 353719   | 41.803  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.81 | 204  | 178385   | 41.473  | nq    | 95       |
| 62) 4-Nitroaniline             | 15.85 | 138  | 83356    | 42.212  | nq    | 98       |
| 63) Azobenzene                 | 16.10 | 77   | 322892   | 42.097  | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 61970    | 41.170  | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 16.02 | 169  | 304482   | 41.314  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.70 | 248  | 115886   | 40.668  | nq    | 97       |
| 68) Hexachlorobenzene          | 16.81 | 284  | 118224   | 40.025  | nq    | 98       |
| 69) Atrazine                   | 16.96 | 200  | 126553   | 43.631  | nq    | 96       |
| 70) Pentachlorophenol          | 17.16 | 266  | 150642   | 80.755  | nq    | 97       |
| 71) Phenanthrene               | 17.56 | 178  | 573912   | 40.929  | nq    | 99       |
| 72) Anthracene                 | 17.66 | 178  | 578619   | 42.345  | nq    | 99       |
| 73) Carbazole                  | 17.93 | 167  | 523694   | 42.512  | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.46 | 149  | 643613   | 44.406  | nq    | 99       |
| 75) Fluoranthene               | 19.57 | 202  | 723217   | 43.642  | nq    | 99       |
| 77) Benzidine                  | 19.75 | 184  | 278578   | 31.509  | nq    | 100      |
| 78) Pyrene                     | 19.93 | 202  | 726821   | 40.146  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.79 | 149  | 305837   | 43.603  | nq    | 94       |
| 81) Benzo(a)anthracene         | 21.79 | 228  | 706307   | 40.450  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 168967   | 26.504  | nq    | 97       |
| 83) Chrysene                   | 21.86 | 228  | 682645   | 40.326  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 428426   | 43.466  | nq    | # 98     |
| 85) Di-n-octyl phthalate       | 22.90 | 149  | 737992   | 45.220  | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.04 | 276  | 810925   | 42.226  | nq    | # 97     |
| 88) Benzo(b)fluoranthene       | 24.09 | 252  | 706640   | 45.205  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.17 | 252  | 685313   | 47.097  | nq    | 99       |
| 90) Benzo(a)pyrene             | 25.02 | 252  | 696613   | 48.226  | nq    | # 97     |
| 91) Dibenzo(a,h)anthracene     | 29.11 | 278  | 656254   | 46.342  | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.27 | 276  | 668020   | 46.970  | nq    | 99       |

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





#1

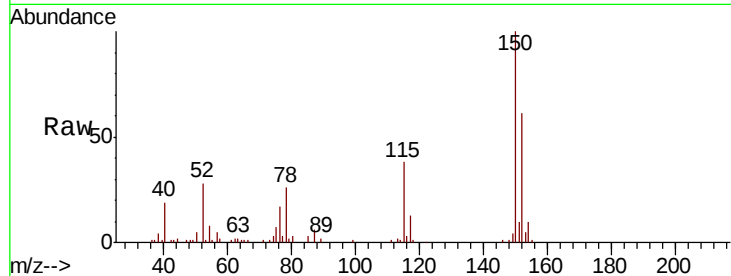
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 861  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 163.5 | 123.7 | 185.5 |
| 115     | 61.7  | 45.9  | 68.9  |

Manual Integrations  
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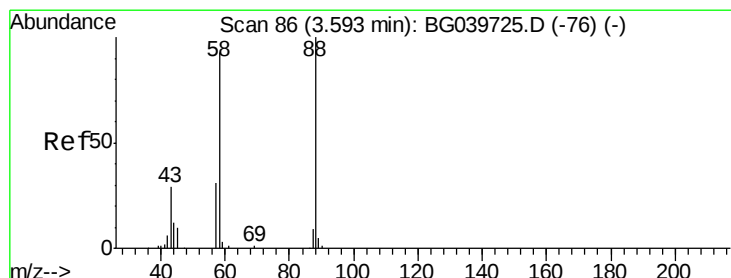
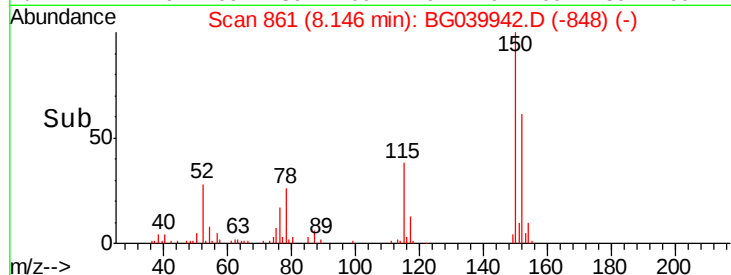
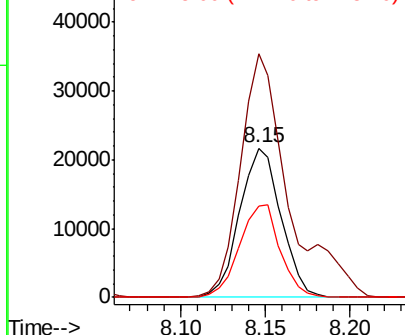


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

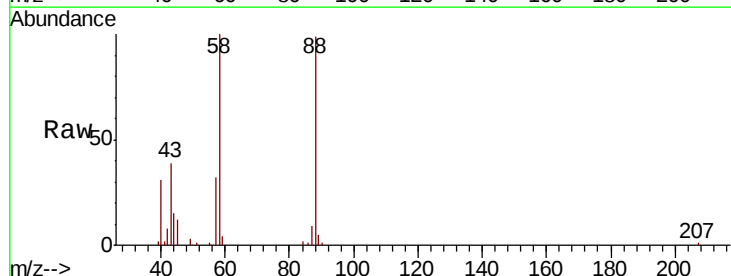
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 38.746 ng  
RT: 3.58 min Scan# 84  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 101.0 | 81.1  | 121.7 |
| 43      | 38.8  | 31.4  | 47.0  |

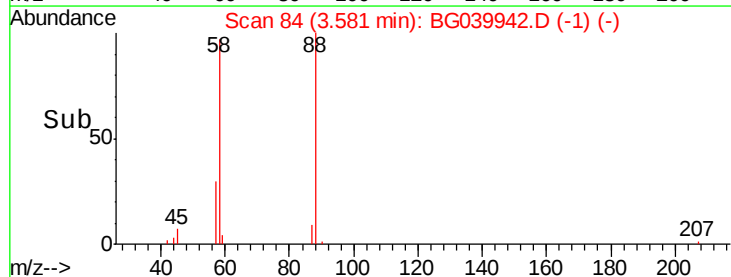
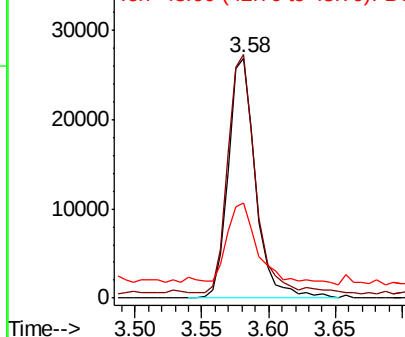


Abundance

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: 36.105 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

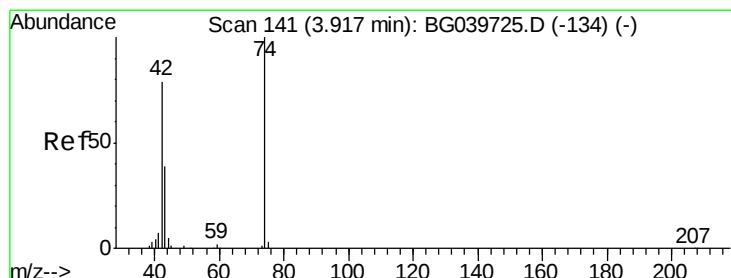
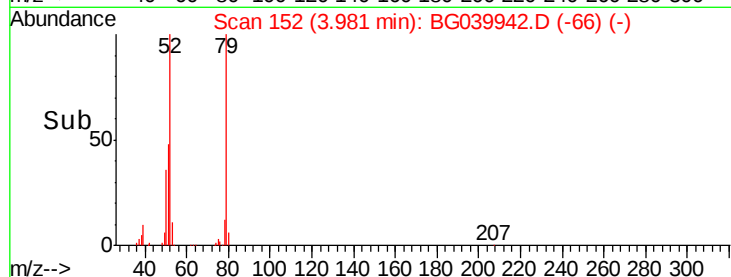
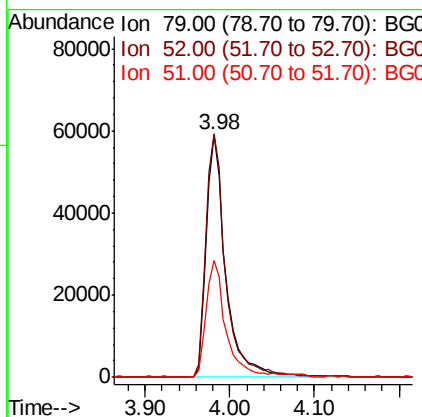
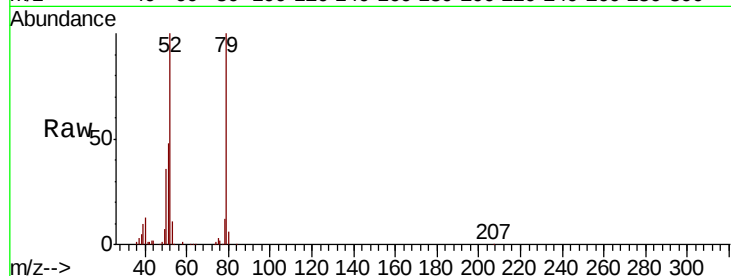
ClientSampleId :

PB117964BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 96317 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 100.3 | 82.6  | 124.0 |
| 51        | 48.4  | 37.5  | 56.3  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 41.861 ng

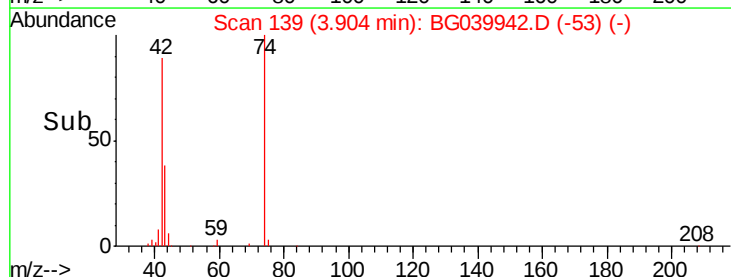
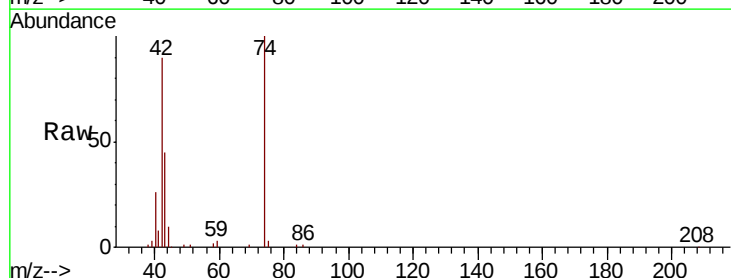
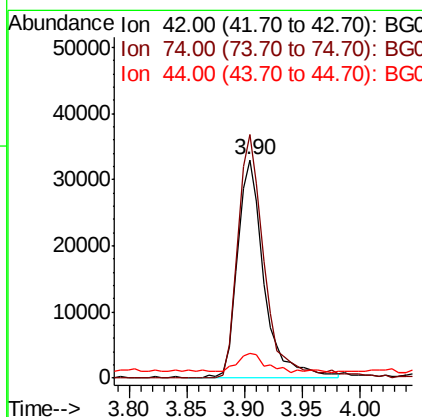
RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 52977 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 111.6 | 83.6  | 125.4 |
| 44        | 11.3  | 6.9   | 10.3# |





#5

2-Fluorophenol

Concen: 139.439 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

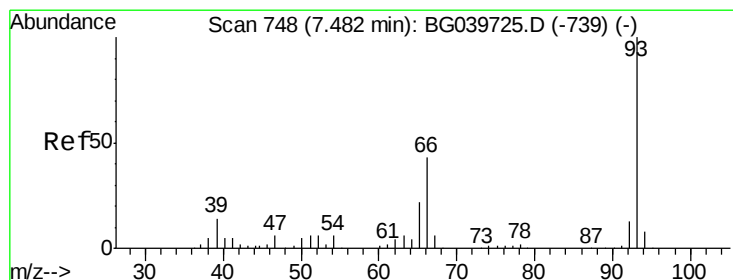
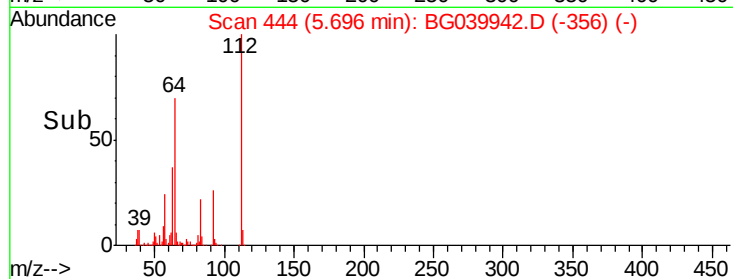
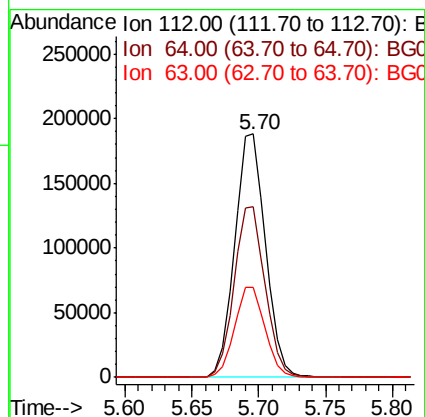
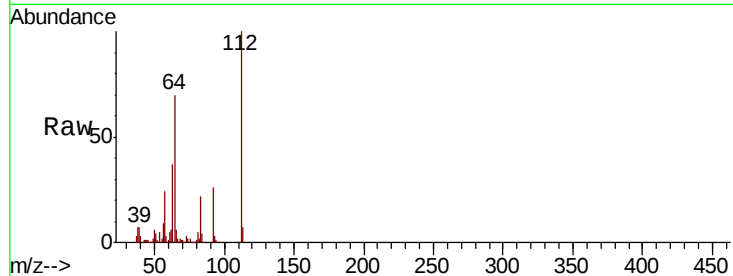
ClientSampleId :

PB117964BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 300960 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.9  | 57.8  | 86.8   |
| 63        | 37.1  | 29.8  | 44.6   |

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#6

Aniline

Concen: 27.268 ng

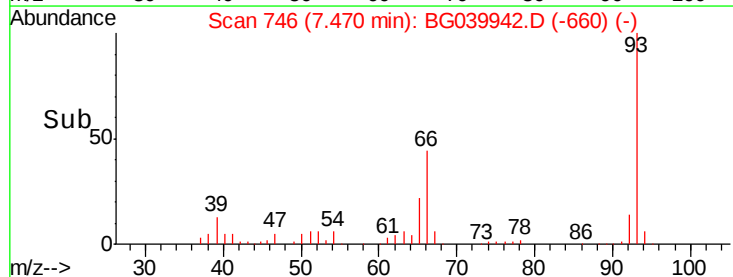
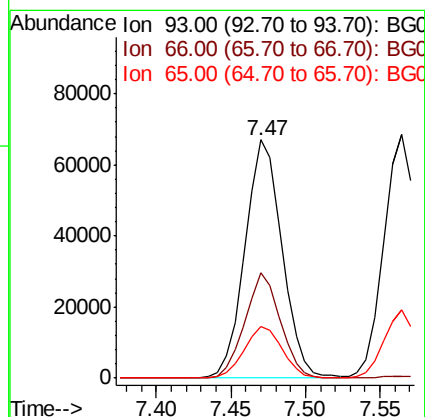
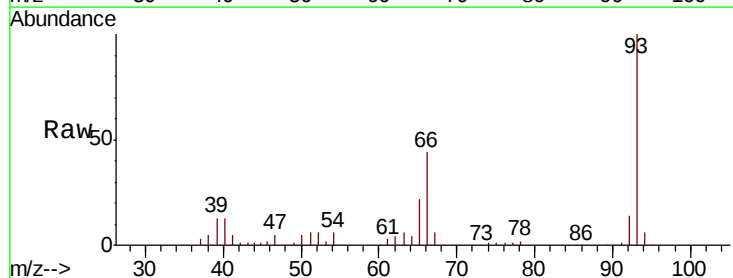
RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 114973 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.4  | 34.2  | 51.4   |
| 65        | 21.7  | 17.7  | 26.5   |





#7

Phenol-d6

Concen: 129.730 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

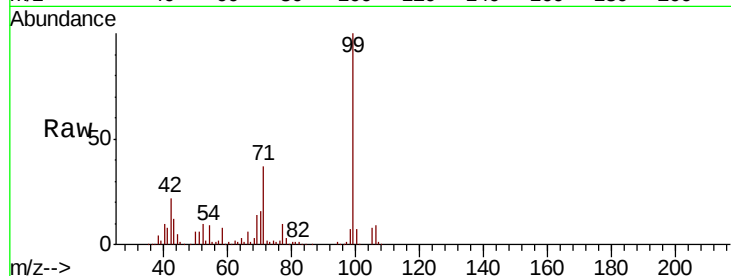
ClientSampleId :

PB117964BS

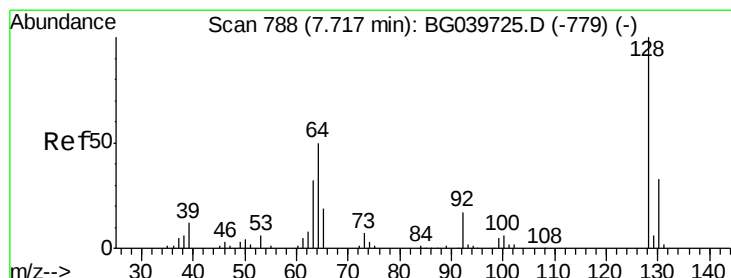
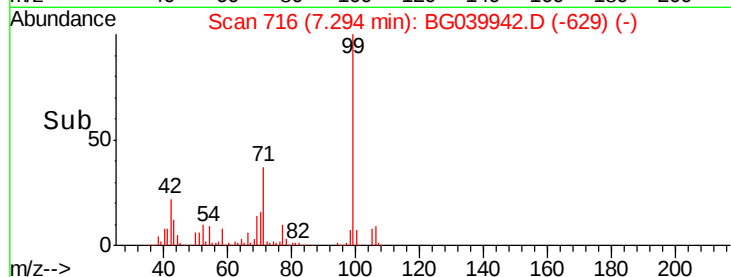
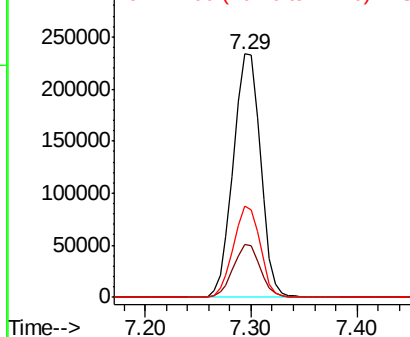
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 417505 |       |       |
| 42      | 21.6 | 18.2  | 27.2   |       |       |
| 71      | 37.2 | 28.0  | 42.0   |       |       |

Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.359 ng

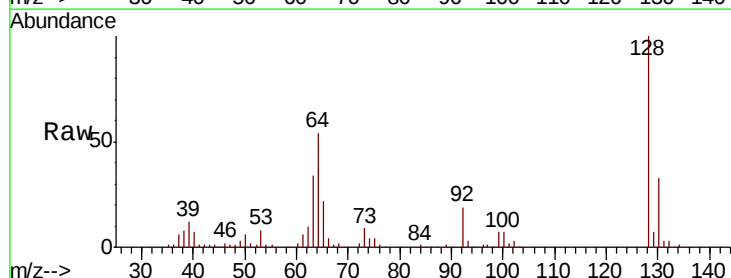
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

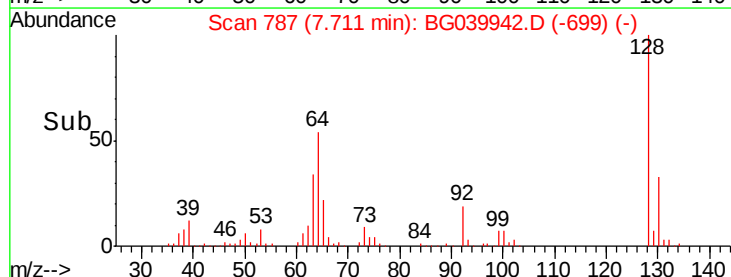
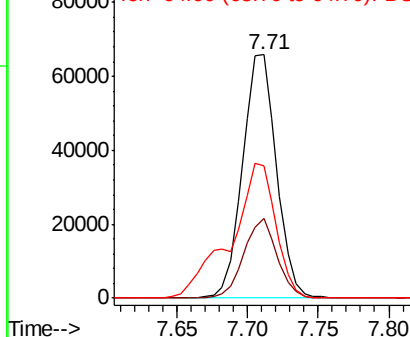
Lab File: BG039942.D

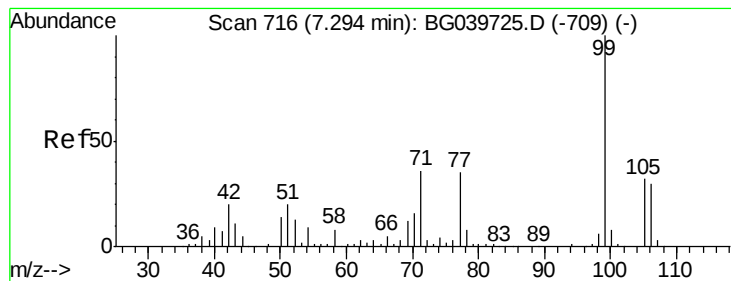
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 110917 |       |       |
| 130     | 32.9 | 12.9  | 52.9   |       |       |
| 64      | 54.1 | 38.7  | 78.7   |       |       |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 22.256 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

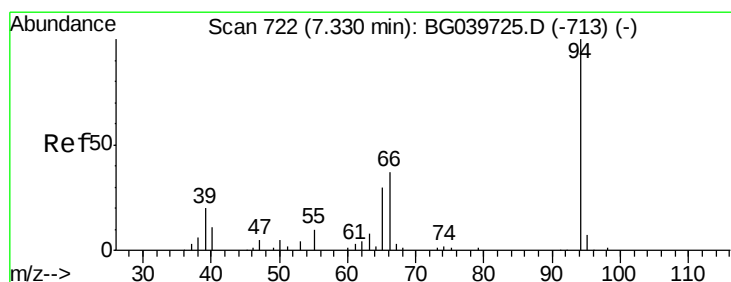
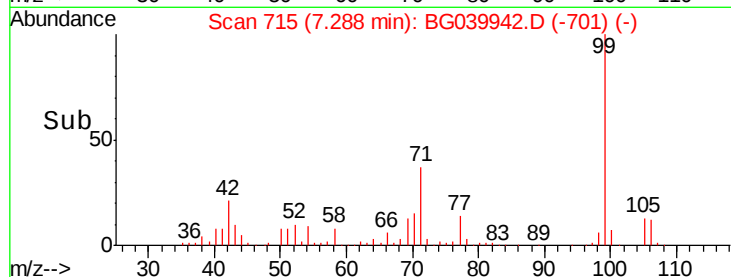
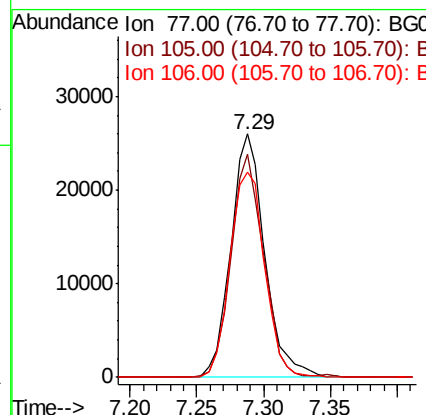
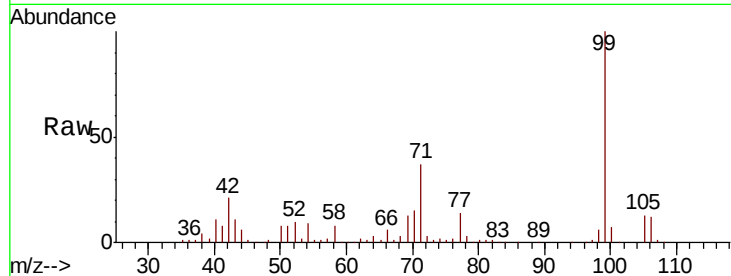
ClientSampleId :

PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 91.8  | 74.5  | 114.5 |
| 106     | 84.3  | 68.0  | 108.0 |

Manual Integrations  
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Sohil  
3/18/2019 3:02:39 PM



#10

Phenol

Concen: 42.727 ng

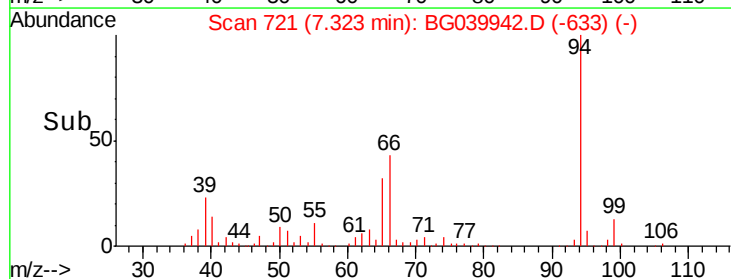
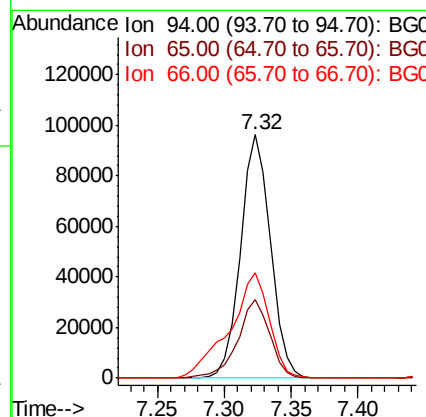
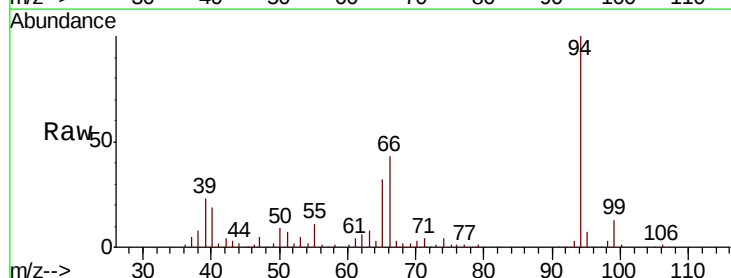
RT: 7.32 min Scan# 721

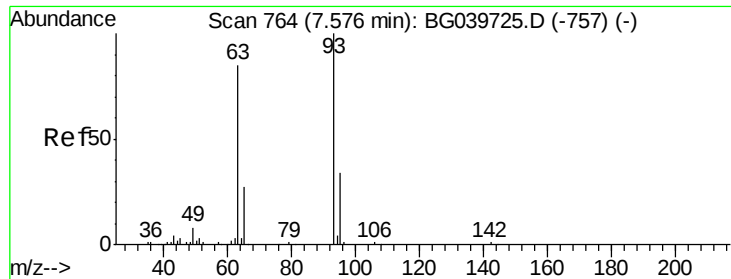
Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 32.3  | 11.7  | 51.7  |
| 66      | 43.5  | 23.7  | 63.7  |





#11

bis(2-Chloroethyl)ether

Concen: 39.130 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

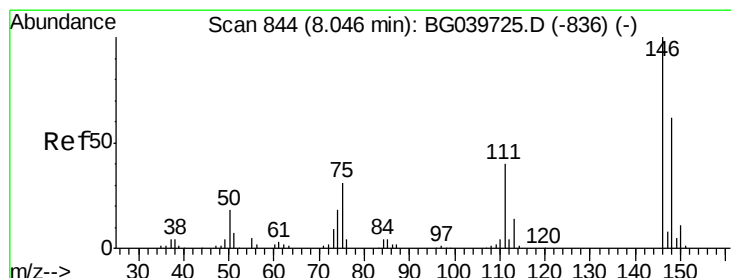
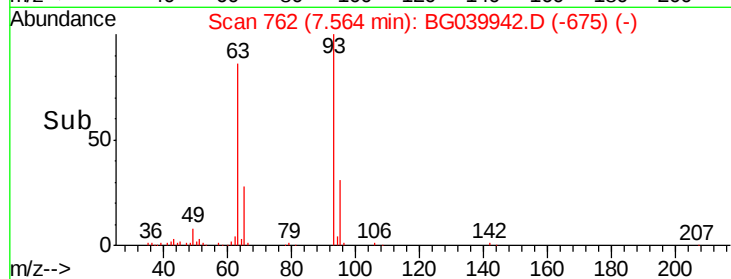
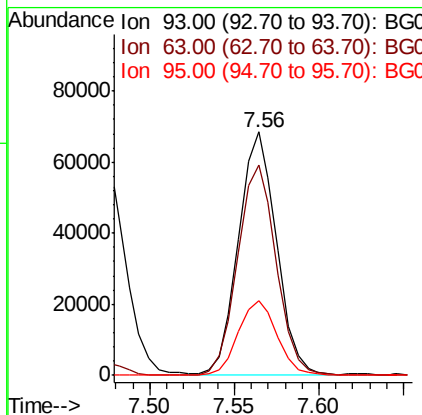
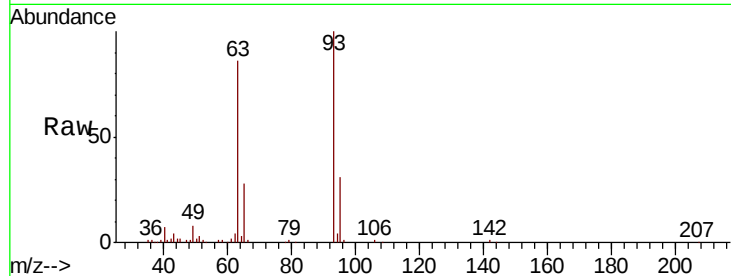
ClientSampleId :

PB117964BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 106365 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 86.5  | 69.5  | 109.5  |
| 95        | 30.7  | 12.7  | 52.7   |

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#12

1,3-Dichlorobenzene

Concen: 39.618 ng

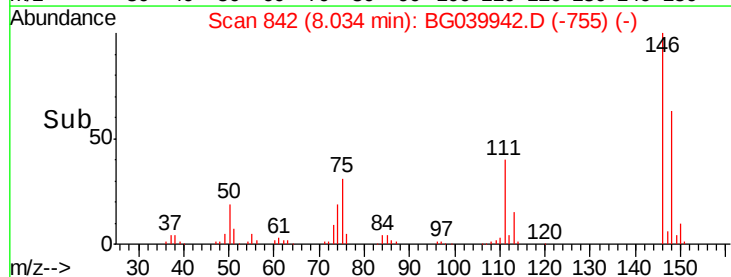
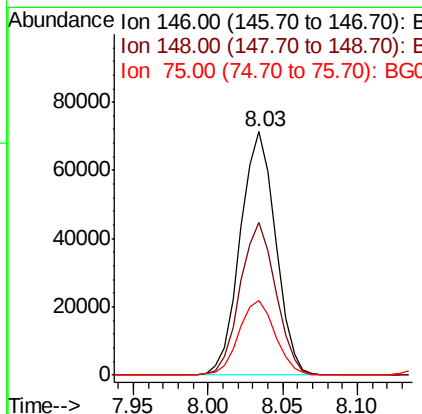
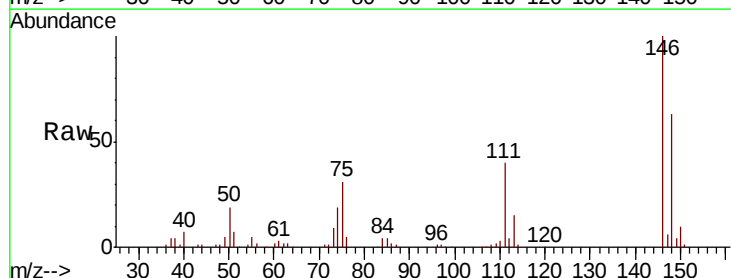
RT: 8.03 min Scan# 842

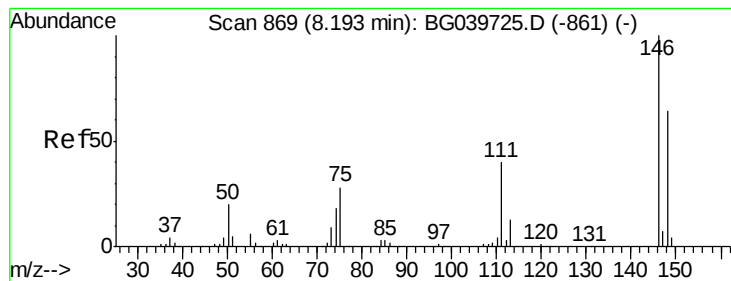
Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 117328 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.6  | 52.6  | 79.0   |
| 75        | 30.9  | 25.8  | 38.6   |





#13

1,4-Dichlorobenzene

Concen: 39.642 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

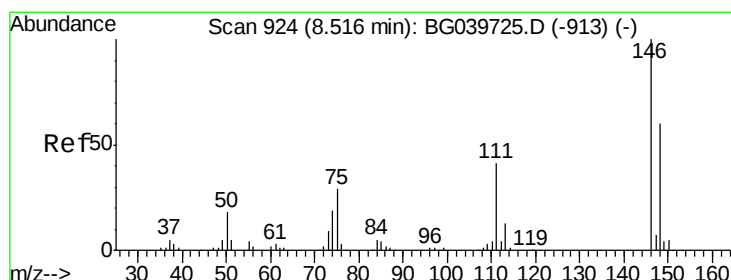
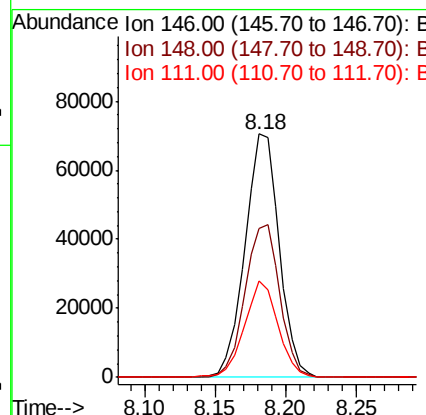
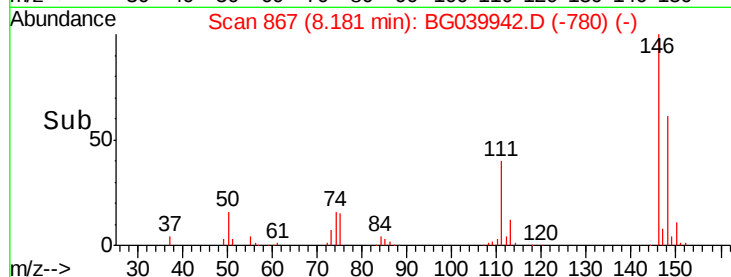
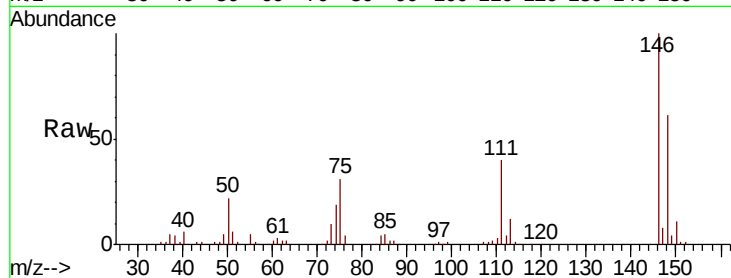
ClientSampleId :

PB117964BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 119581 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.1  | 51.1  | 76.7   |
| 111       | 39.8  | 32.6  | 48.8   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 39.055 ng

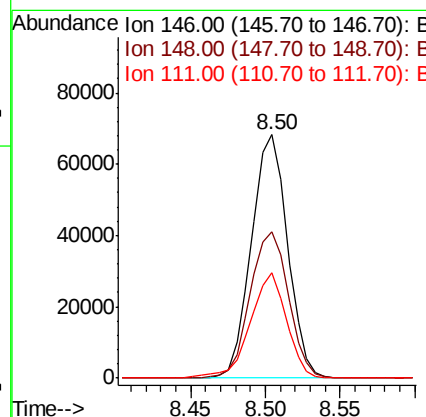
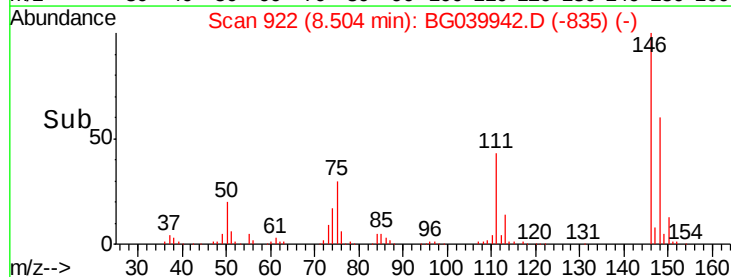
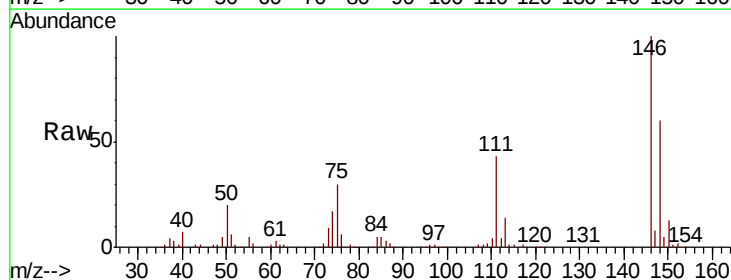
RT: 8.50 min Scan# 922

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 113827 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 59.8  | 51.5  | 77.3   |
| 111       | 43.2  | 33.8  | 50.6   |





#15

Benzyl Alcohol

Concen: 41.672 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

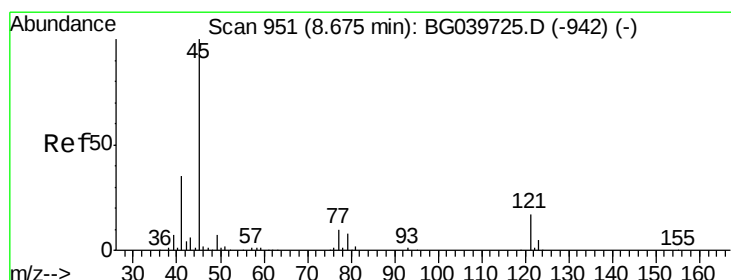
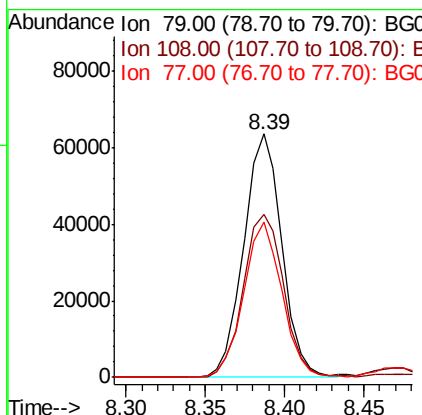
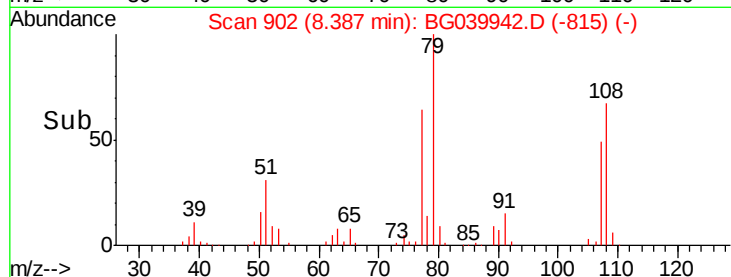
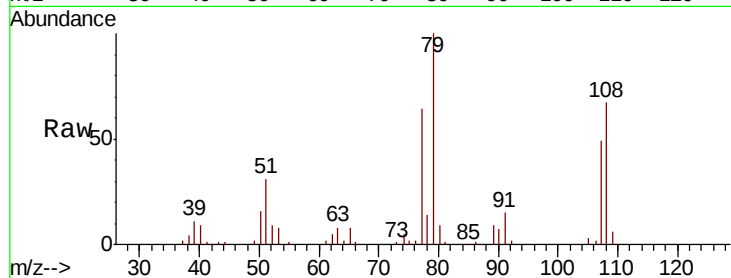
ClientSampleId :

PB117964BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 106385 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 66.8  | 57.8  | 86.6   |
| 77        | 63.7  | 51.1  | 76.7   |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.381 ng

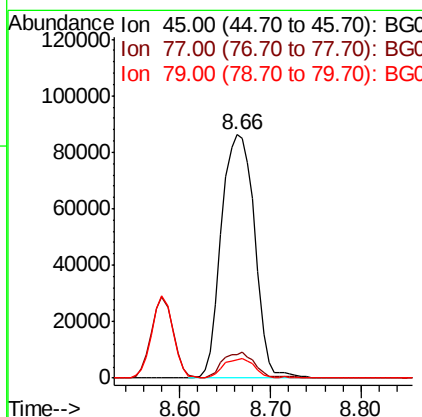
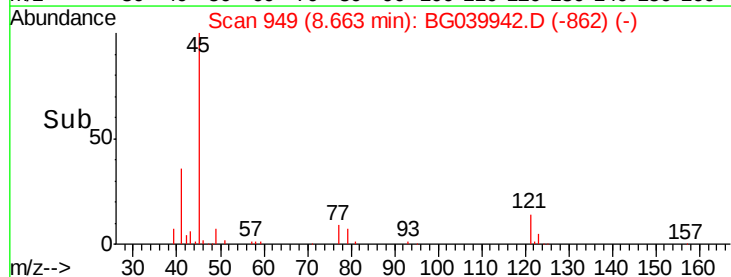
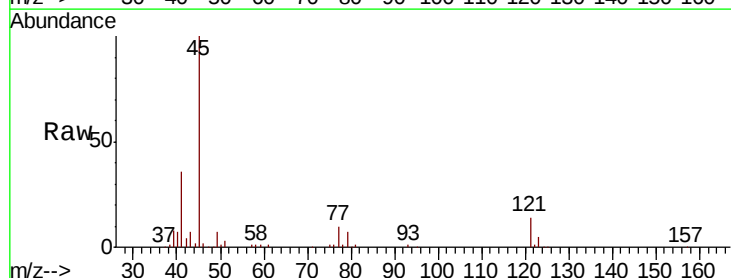
RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 219533 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 9.9   | 0.0   | 30.0   |
| 79        | 7.3   | 0.0   | 27.5   |





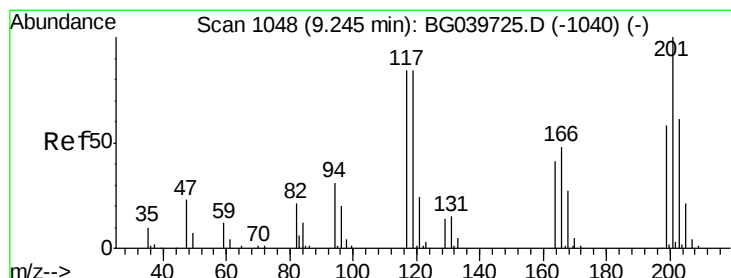
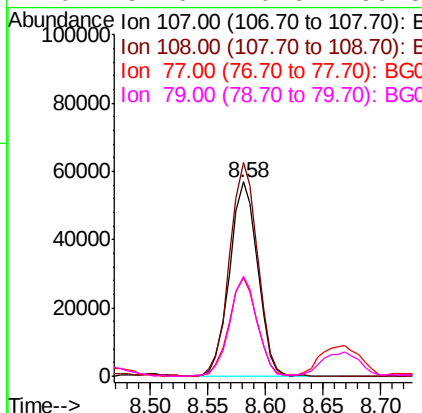
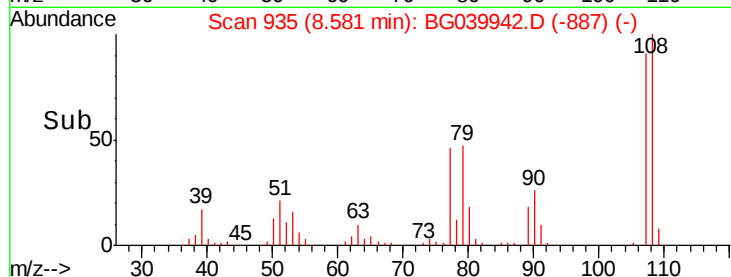
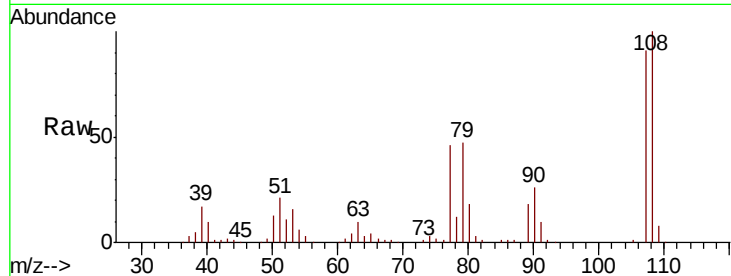
#17  
2-Methylphenol  
Concen: 43.248 ng  
RT: 8.58 min Scan# 935  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampled :  
PB117964BS

| Tot Ion   | 107   | Resp  | 96143 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 110.1 | 90.8  | 136.2 |
| 77        | 50.5  | 40.7  | 61.1  |
| 79        | 51.6  | 40.6  | 60.8  |

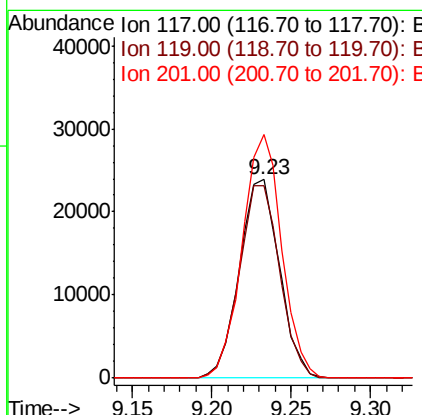
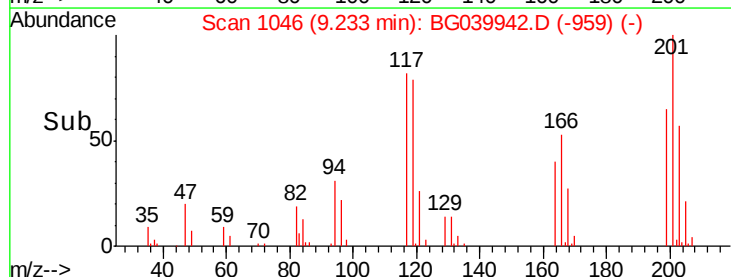
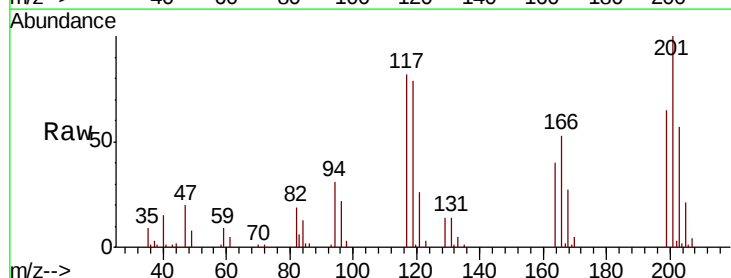
Manual Integrations  
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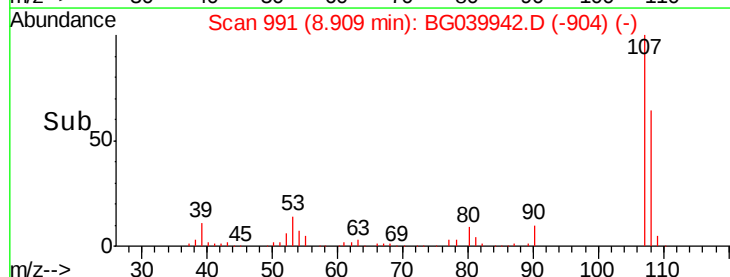
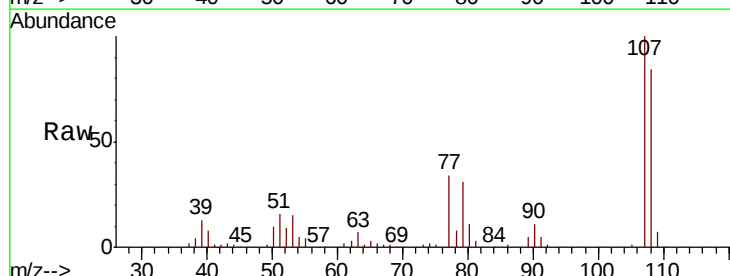
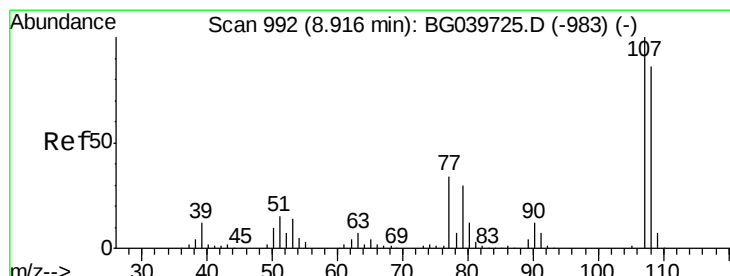
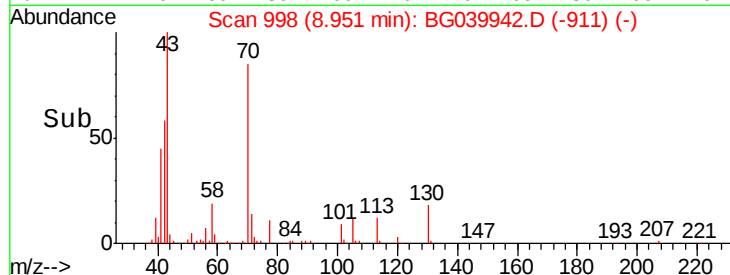
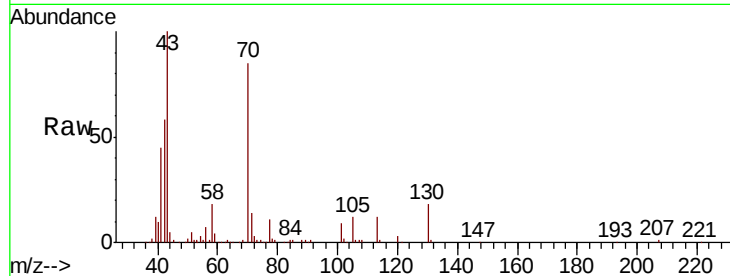
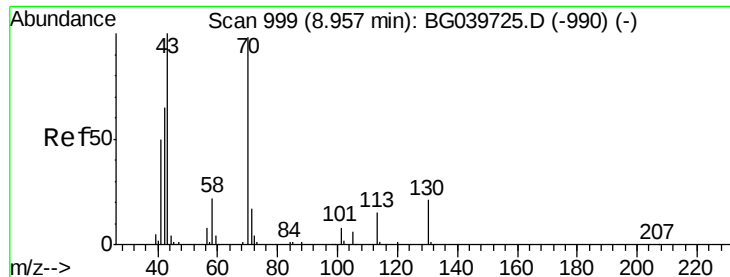
Sohil  
3/18/2019 3:02:39 PM



#18  
Hexachloroethane  
Concen: 38.851 ng  
RT: 9.23 min Scan# 1046  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

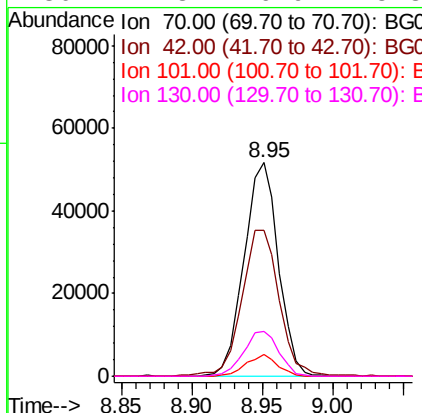
| Tgt Ion   | 117   | Resp  | 42051 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 96.8  | 76.3  | 114.5 |
| 201       | 122.5 | 91.1  | 136.7 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.920 ng  
RT: 8.95 min Scan# 998  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 68.0 |       | 60.4 | 90.6  |       |
| 101     | 10.4 |       | 7.5  | 11.3  |       |
| 130     | 21.3 |       | 16.9 | 25.3  |       |



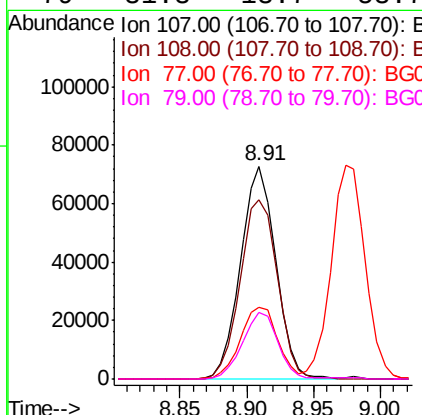
Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

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3/18/2019 3:02:39 PM

#20  
3+4-Methylphenols  
Concen: 43.014 ng  
RT: 8.91 min Scan# 991  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 108     | 84.3 |       | 67.9 | 107.9 |       |
| 77      | 33.7 |       | 15.4 | 55.4  |       |
| 79      | 31.3 |       | 13.7 | 53.7  |       |





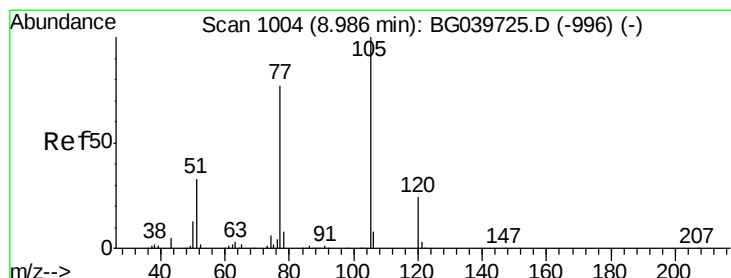
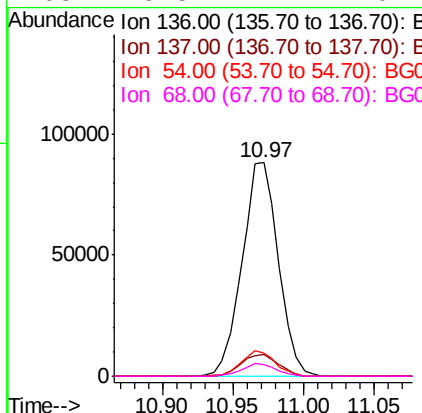
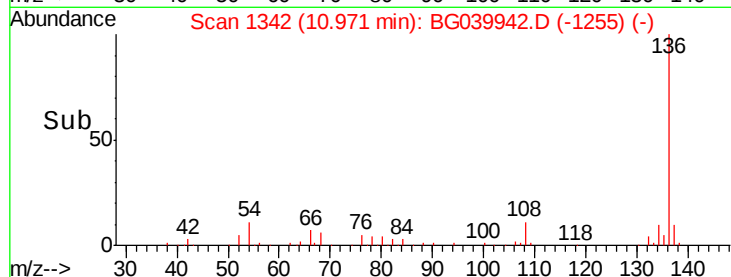
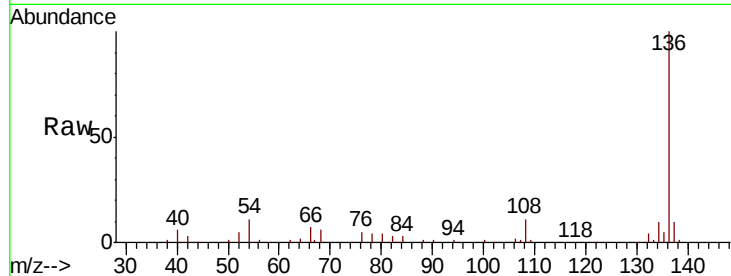
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1342  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampled :  
PB117964BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 158663 |       |       |
| 137     | 10.4  |        | 9.1   | 13.7  |
| 54      | 10.7  |        | 9.4   | 14.2  |
| 68      | 5.5   |        | 4.2   | 6.4   |

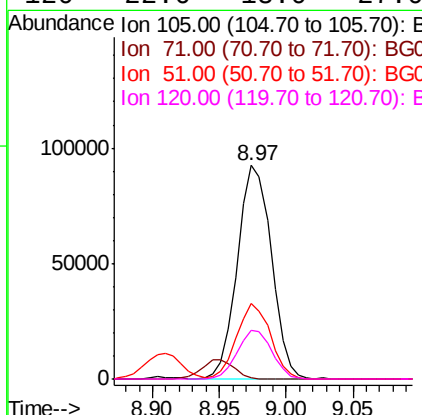
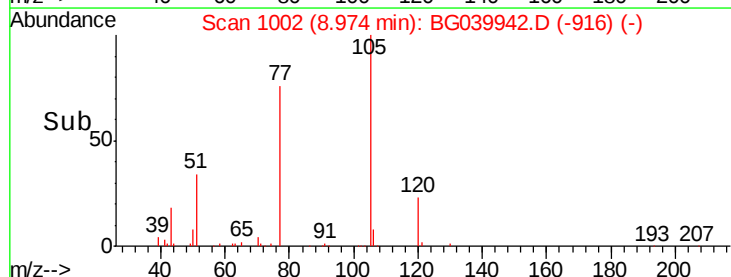
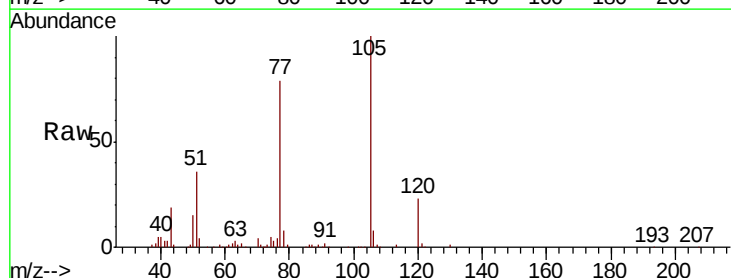
Manual Integrations  
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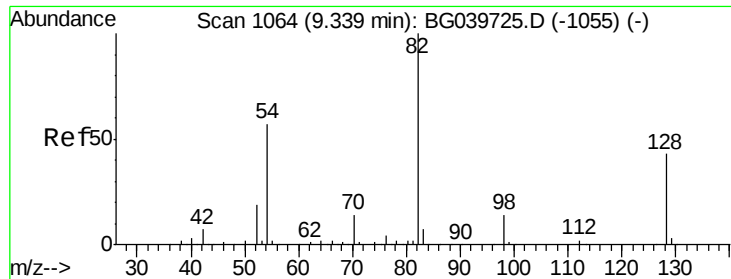
Sohil  
3/18/2019 3:02:39 PM



#22  
Acetophenone  
Concen: 38.547 ng  
RT: 8.97 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 164153 |       |       |
| 71      | 0.8   |        | 0.8   | 1.2#  |
| 51      | 35.6  |        | 30.2  | 45.2  |
| 120     | 22.6  |        | 18.0  | 27.0  |





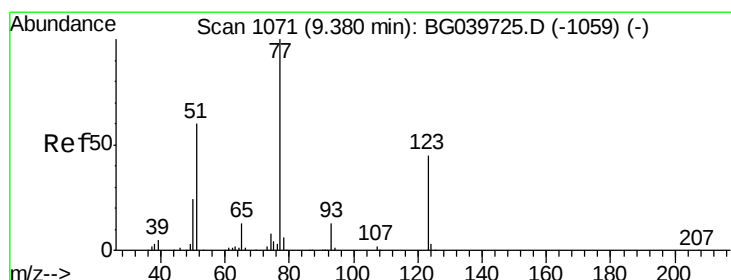
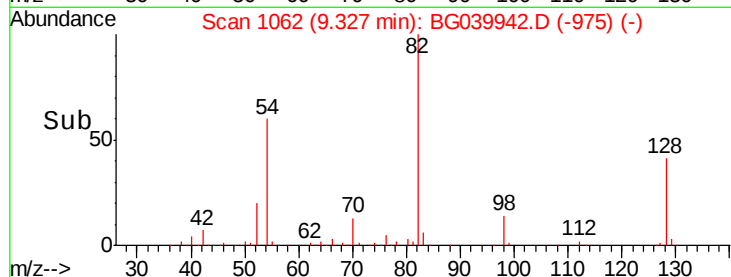
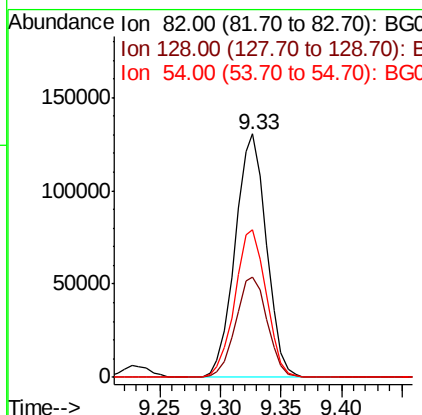
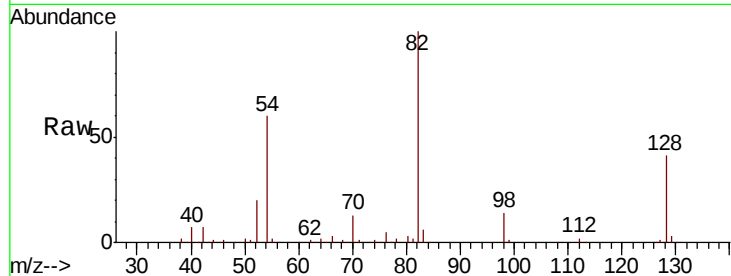
#23  
Nitrobenzene-d5  
Concen: 80.262 ng  
RT: 9.33 min Scan# 1062  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 235461 |       |       |
| 128     | 41.2  | 31.3   | 46.9  |       |
| 54      | 60.4  | 50.9   | 76.3  |       |

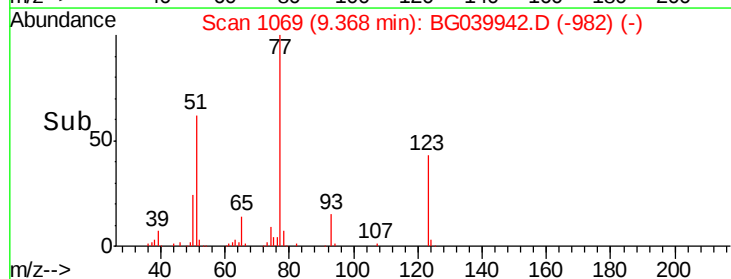
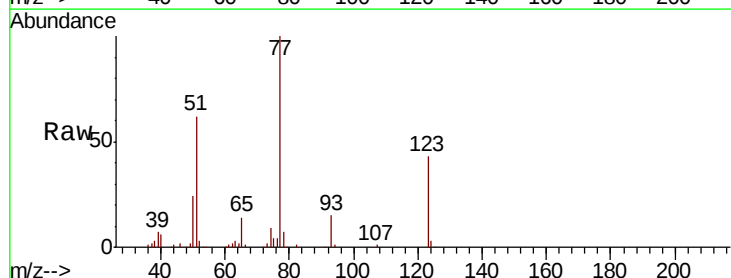
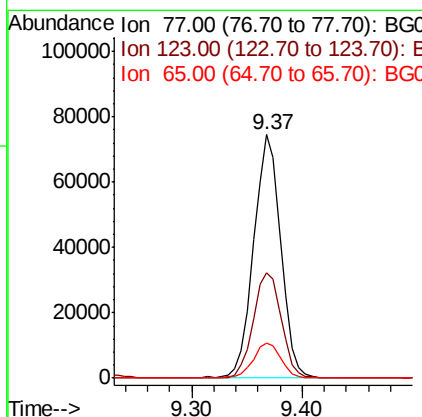
Manual Integrations  
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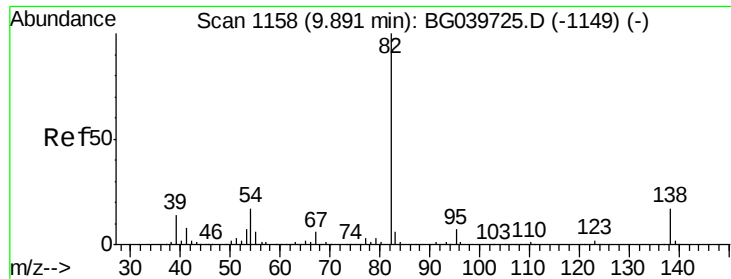
Sohil  
3/18/2019 3:02:39 PM



#24  
Nitrobenzene  
Concen: 41.723 ng  
RT: 9.37 min Scan# 1069  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 128407 |       |       |
| 123     | 43.3  | 34.1   | 51.1  |       |
| 65      | 14.4  | 12.3   | 18.5  |       |





#25

Isophorone

Concen: 39.507 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

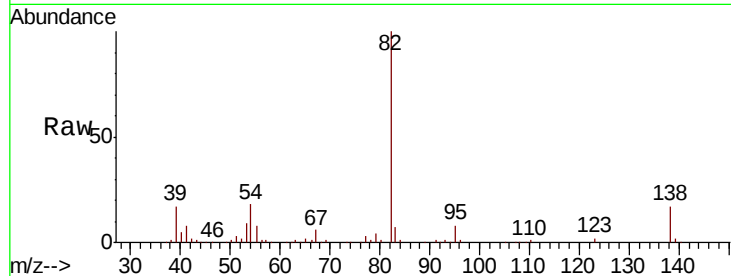
ClientSampleId :

PB117964BS

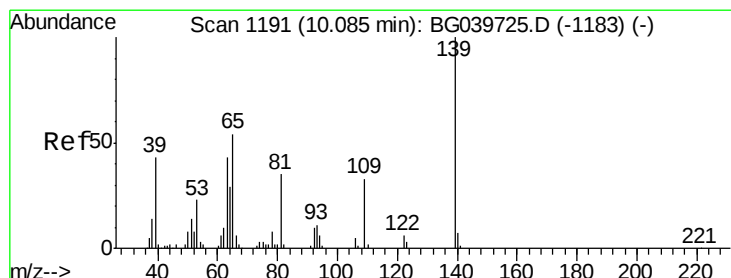
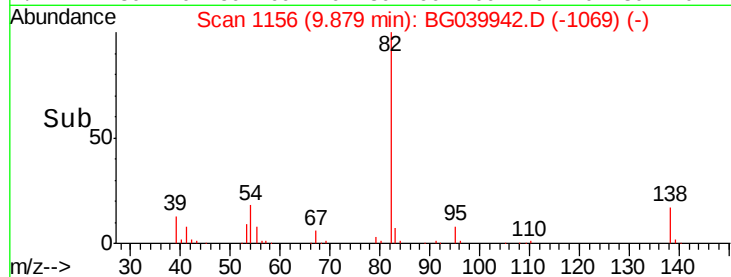
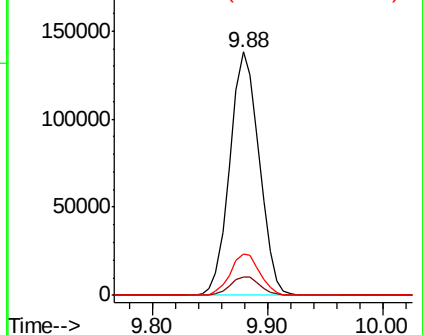
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 242849 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.8   | 6.2   | 9.2    |
| 138       | 16.9  | 13.0  | 19.4   |

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Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.842 ng

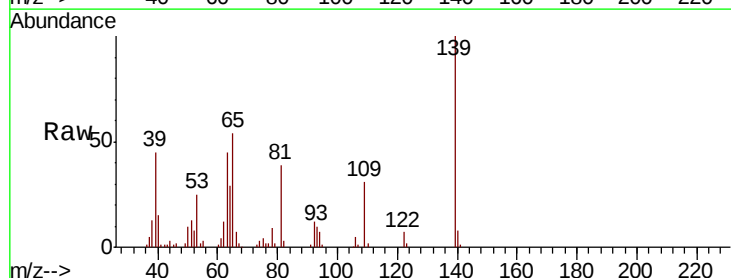
RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

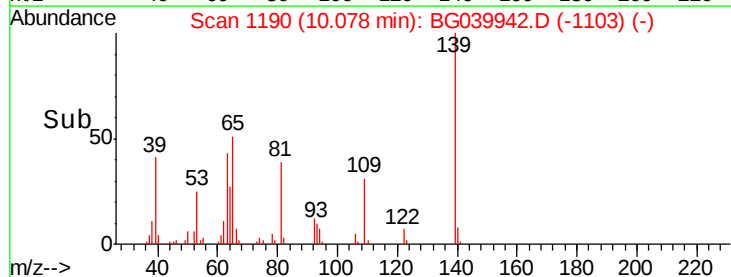
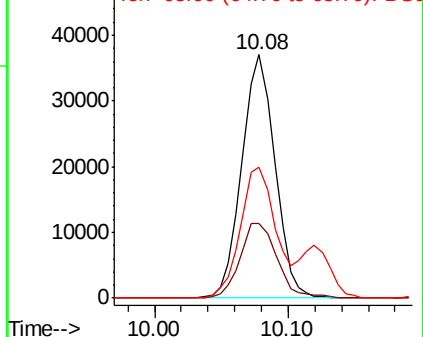
Lab File: BG039942.D

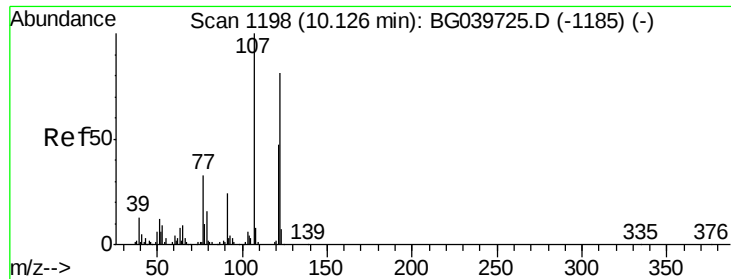
Acq: 15 Mar 2019 15:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 63660 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 30.8  | 23.4  | 35.0  |
| 65        | 53.6  | 44.3  | 66.5  |



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





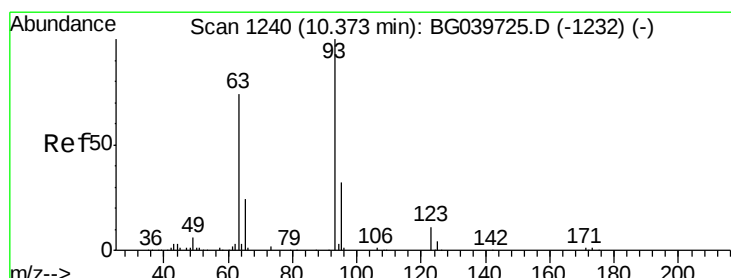
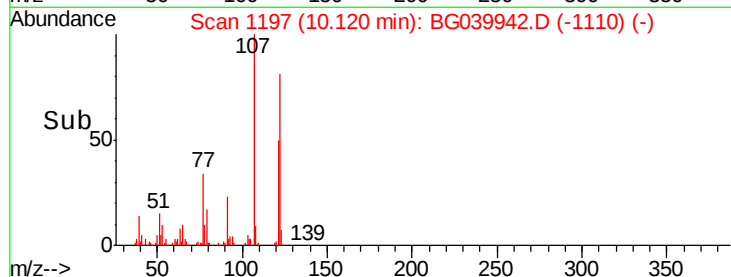
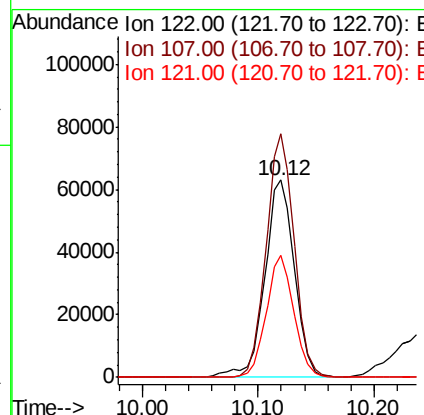
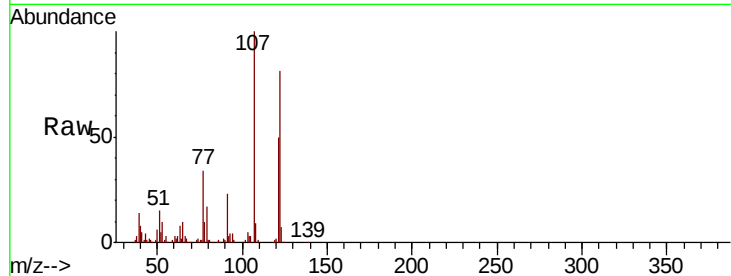
#27  
 2,4-Dimethylphenol  
 Concen: 48.930 ng  
 RT: 10.12 min Scan# 1197  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117964BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 123.5 | 91.7 | 137.5 |       |
| 121     | 61.9  | 46.4 | 69.6  |       |

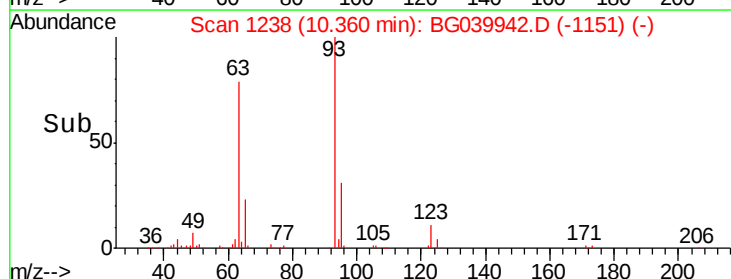
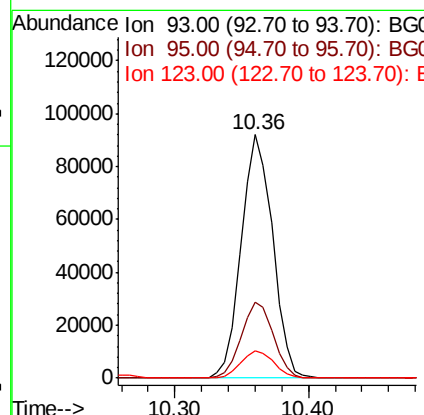
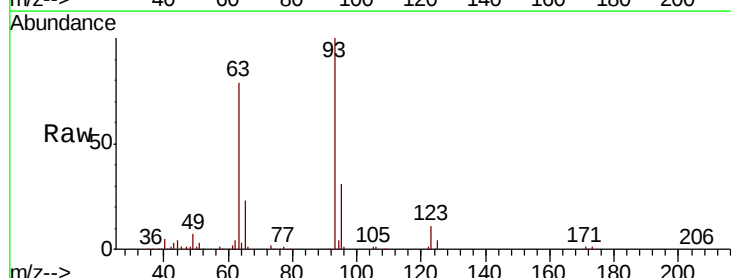
Manual Integrations  
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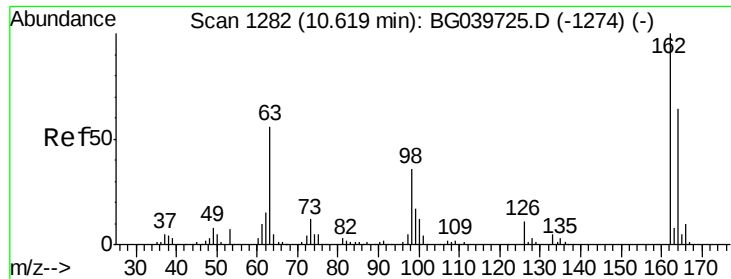
Sohil  
 3/18/2019 3:02:39 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.008 ng  
 RT: 10.36 min Scan# 1238  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 31.3  | 25.0 | 37.4  |       |
| 123     | 11.2  | 8.6  | 12.8  |       |





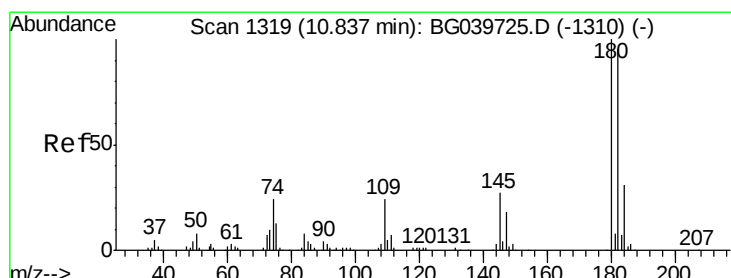
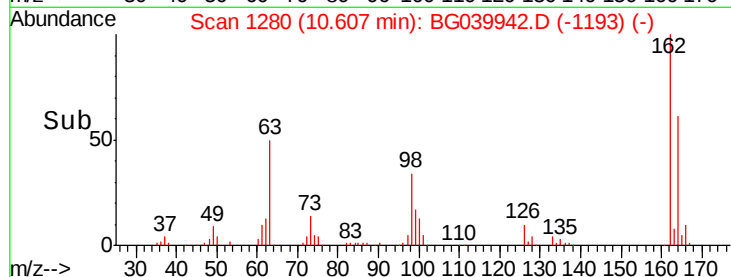
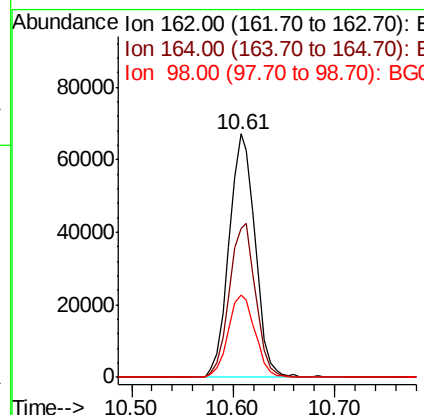
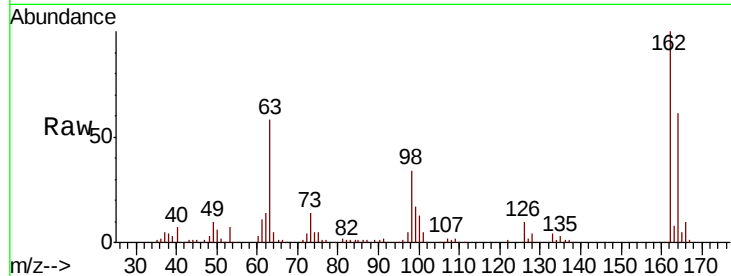
#29  
 2,4-Dichlorophenol  
 Concen: 46.049 ng  
 RT: 10.61 min Scan# 1280  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB117964BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 119818 |       |       |
| 164     | 61.1  | 48.1   | 88.1  |       |
| 98      | 34.1  | 18.1   | 58.1  |       |

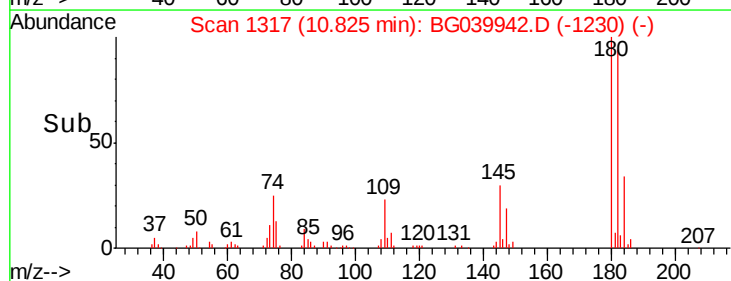
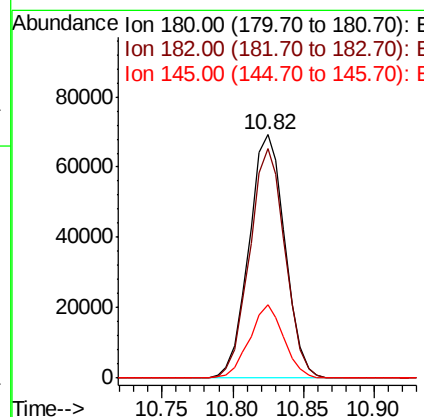
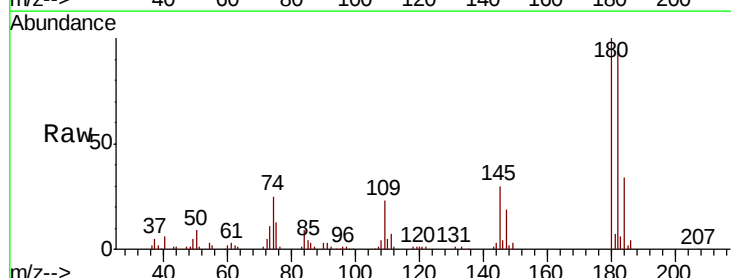
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.144 ng  
 RT: 10.82 min Scan# 1317  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 123392 |       |       |
| 182     | 94.3  | 76.0   | 114.0 |       |
| 145     | 29.9  | 22.7   | 34.1  |       |





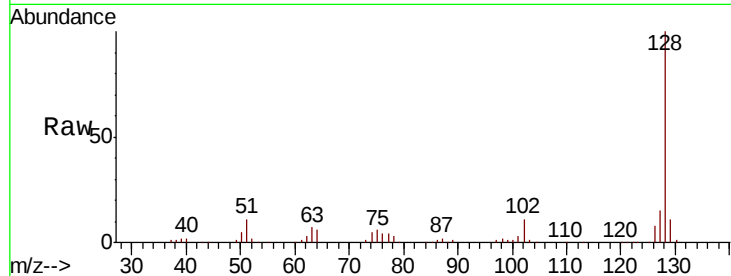
#31  
Naphthalene  
Concen: 40.923 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 8.7   | 13.1  |
| 127     | 14.8  | 10.8  | 16.2  |

Manual Integrations  
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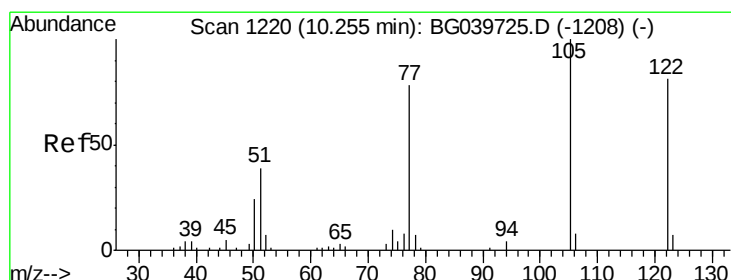
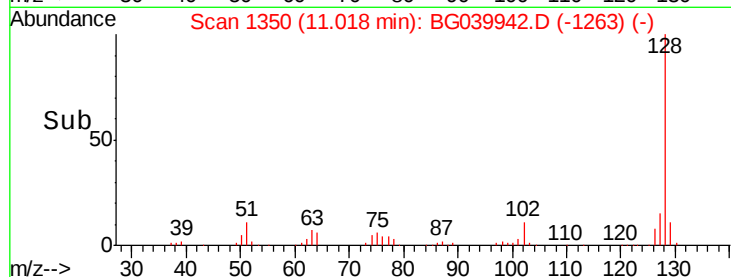
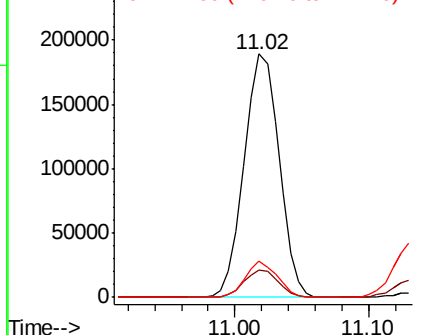


Abundance

Ion 128.00 (127.70 to 128.70): E

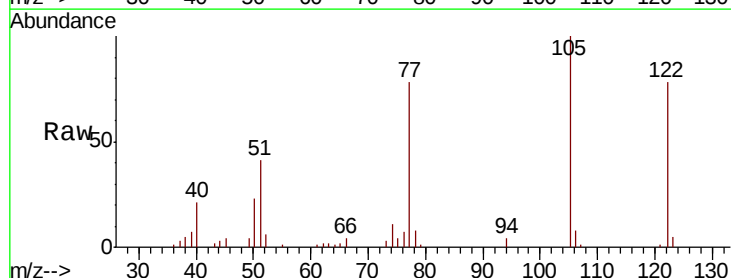
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 38.297 ng  
RT: 10.25 min Scan# 1220  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.3 | 101.8 | 141.8 |
| 77      | 100.2 | 76.3  | 116.3 |

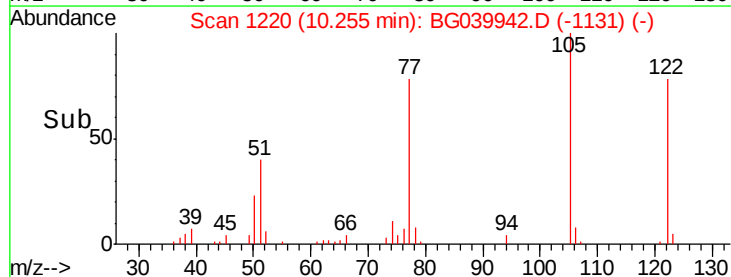
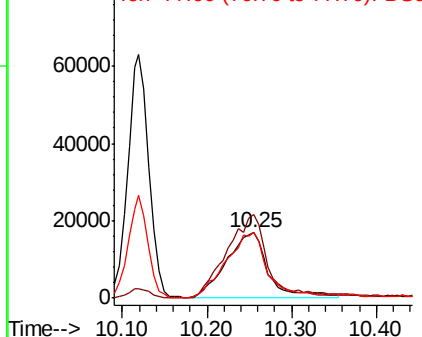


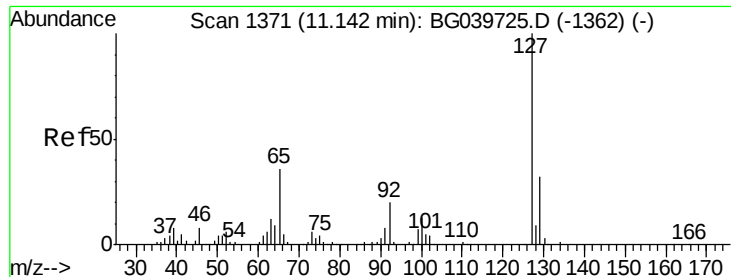
Abundance

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): BG





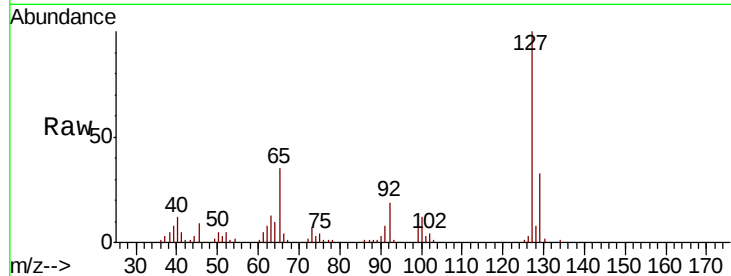
#33  
4-Chloroaniline  
Concen: 21.890 ng  
RT: 11.13 min Scan# 1369  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.5  | 27.0  | 40.4  |
| 65      | 35.2  | 28.8  | 43.2  |
| 92      | 18.7  | 16.6  | 25.0  |

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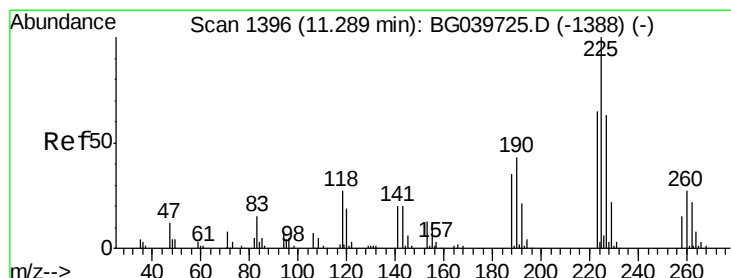
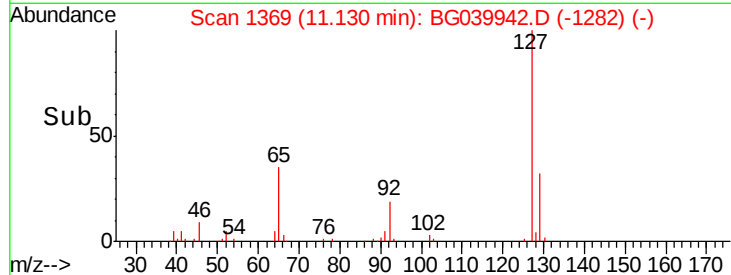
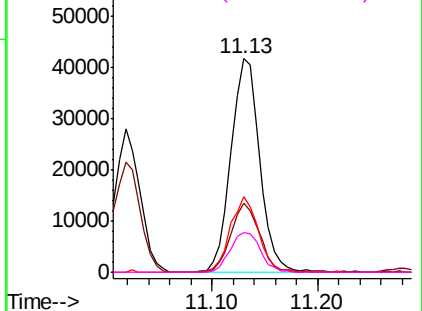
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

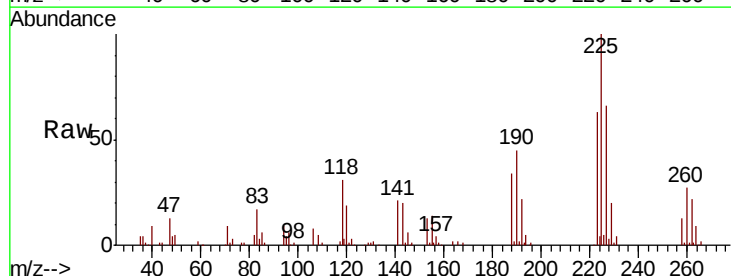
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 40.279 ng  
RT: 11.28 min Scan# 1394  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 49.0  | 73.6  |
| 227     | 65.9  | 46.3  | 69.5  |

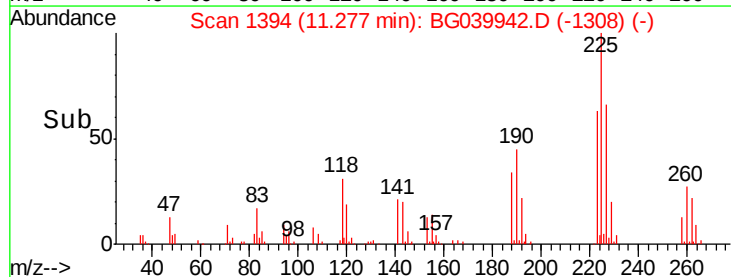
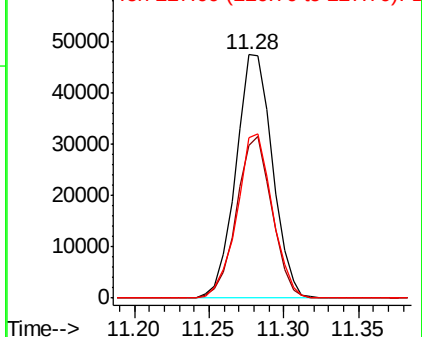


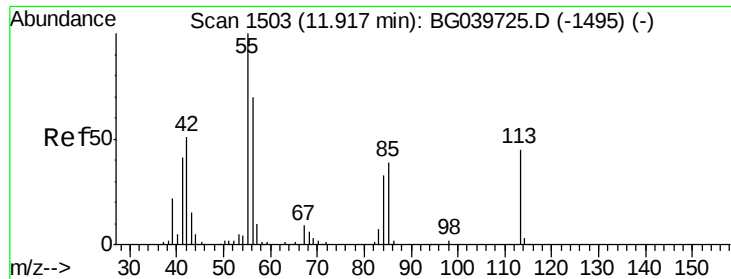
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.009 ng/mL

RT: 11.91 min Scan# 1501

Delta R.T. -0.04 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

ClientSampleID :

PB117964BS

Tot Ion:113 Resp: 38772

Ion Ratio Lower Upper

113 100

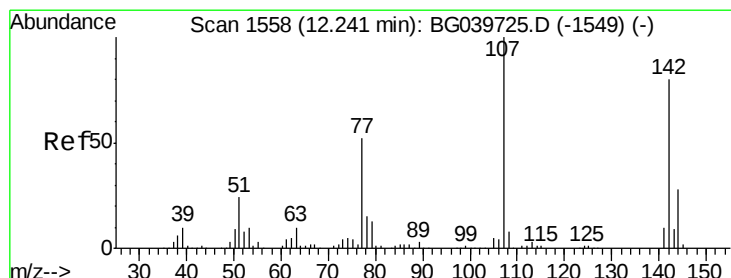
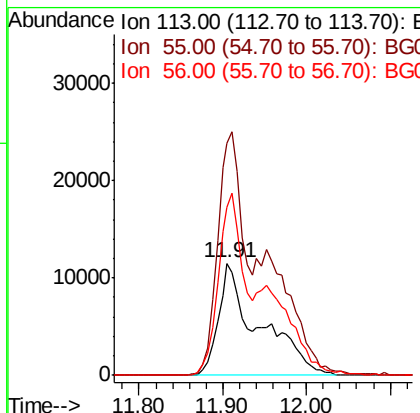
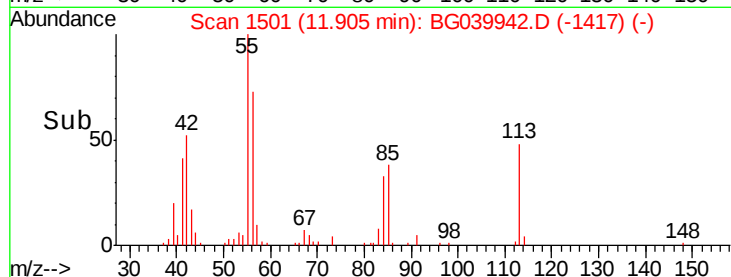
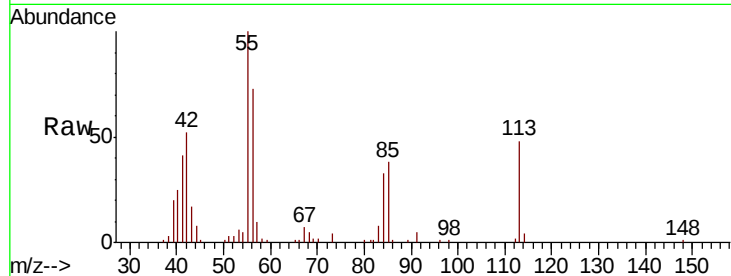
55 206.7 216.9 256.9#

56 150.0 152.6 192.6#

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#36

4-Chloro-3-methylphenol

Concen: 41.058 ng/mL

RT: 12.23 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

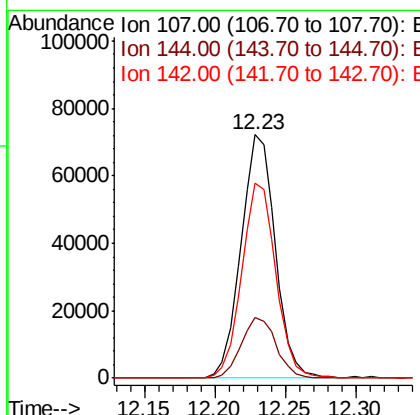
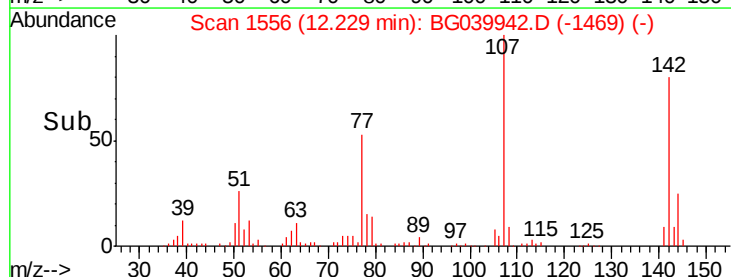
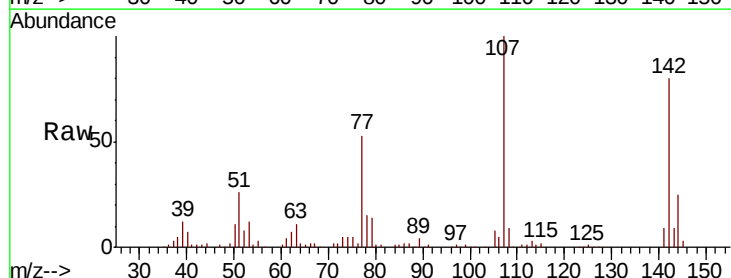
Tgt Ion:107 Resp: 122462

Ion Ratio Lower Upper

107 100

144 24.8 20.2 30.2

142 80.1 61.4 92.2





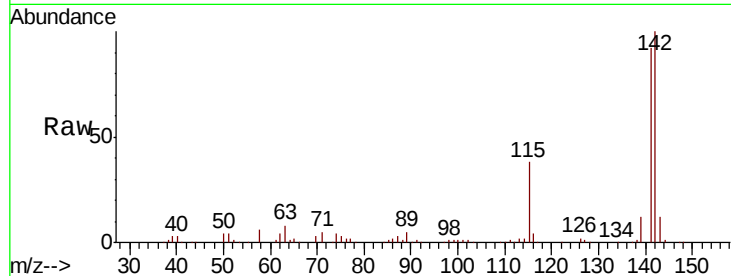
#37  
2-Methylnaphthalene  
Concen: 41.428 ng  
RT: 12.61 min Scan# 1621  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.5  | 73.5  | 110.3 |
| 115     | 37.5  | 30.8  | 46.2  |

Manual Integrations  
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3/18/2019 3:02:39 PM

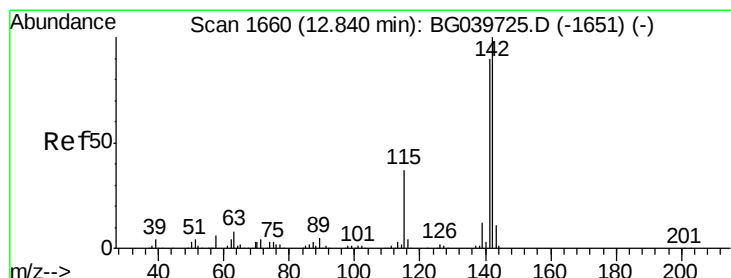
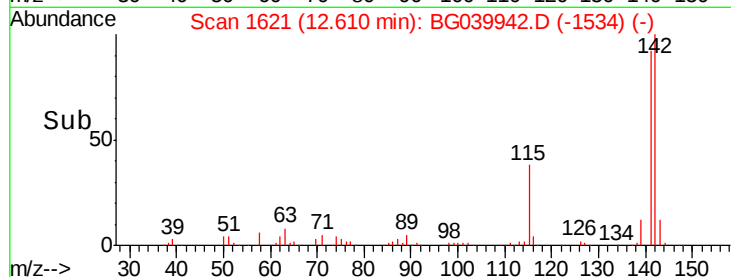
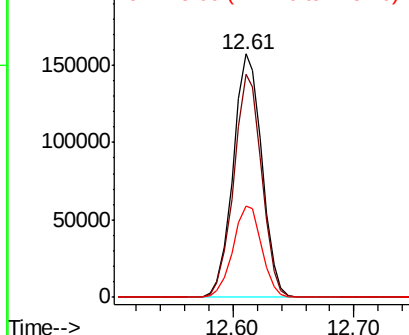


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 40.083 ng  
RT: 12.83 min Scan# 1659  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

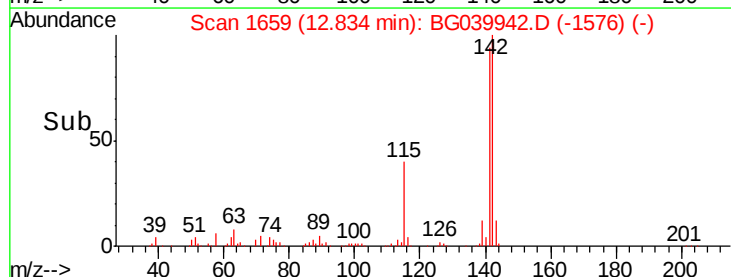
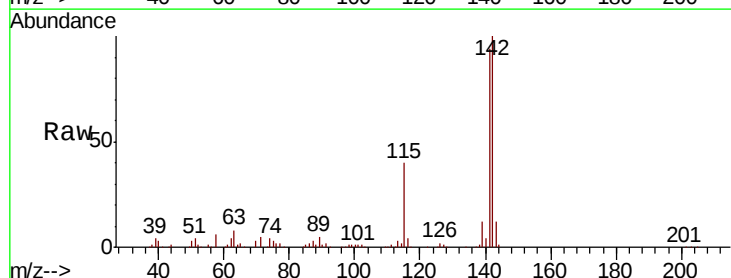
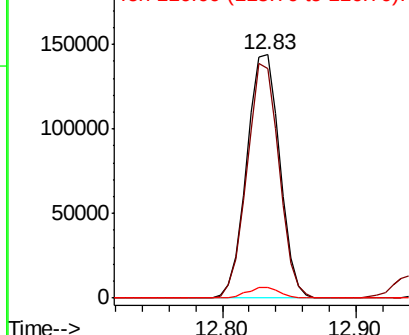
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.2  | 74.2  | 111.4 |
| 116     | 4.4   | 3.0   | 4.6   |

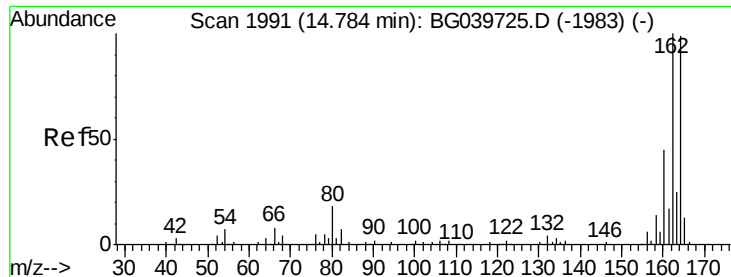
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

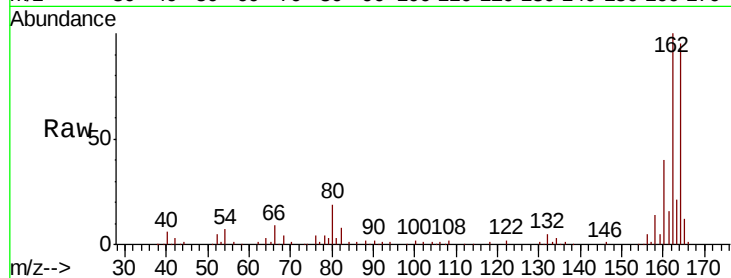
ClientSampleId :

PB117964BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 102221 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 105.3 | 81.6  | 122.4  |
| 160       | 42.2  | 34.2  | 51.2   |

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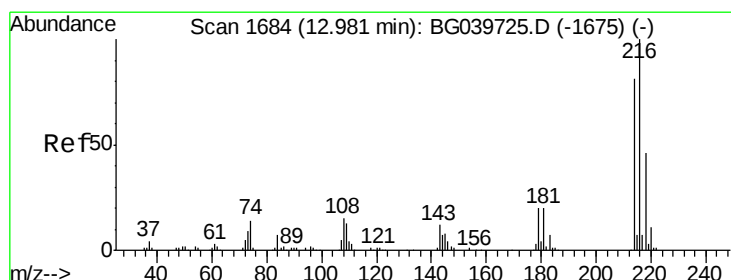
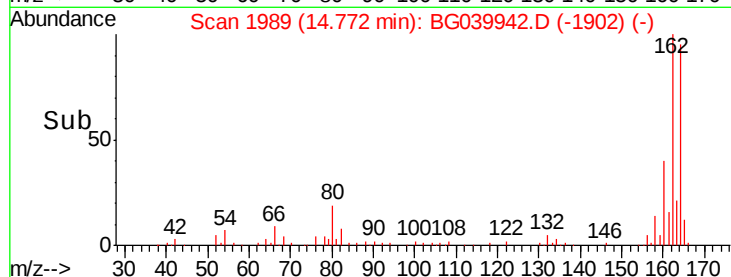
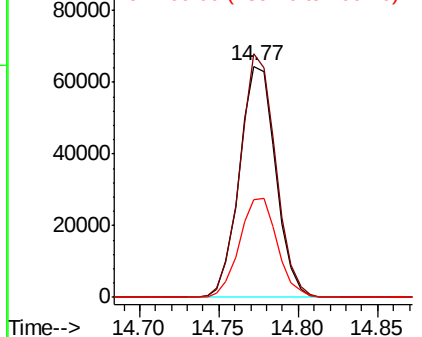


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.897 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 145089 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.1  | 62.6  | 94.0   |
| 179       | 20.7  | 16.6  | 25.0   |
| 108       | 18.9  | 14.0  | 21.0   |

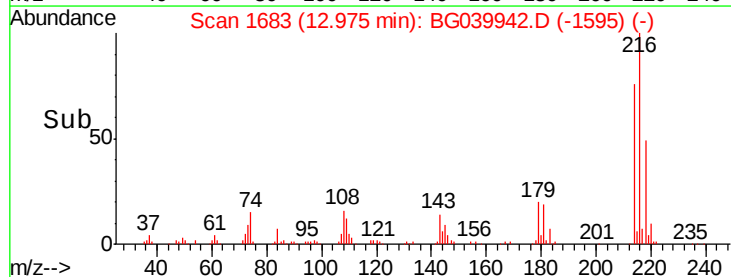
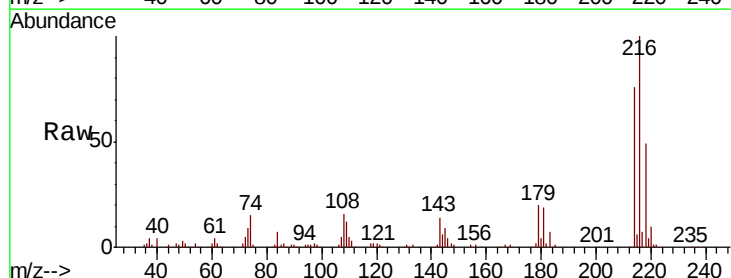
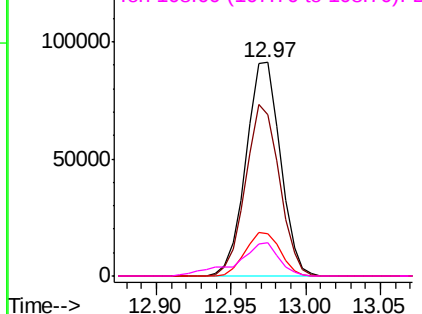
Abundance

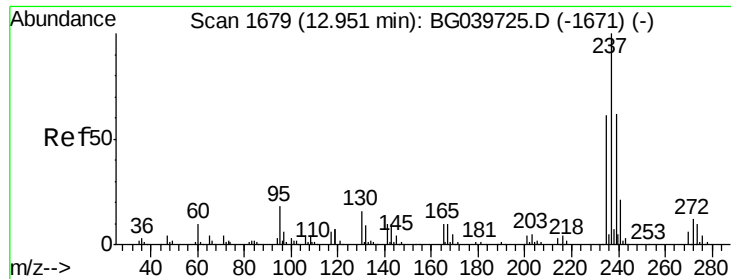
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.988 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

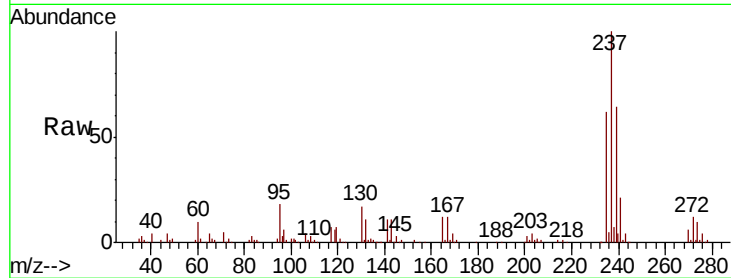
ClientSampleId :

PB117964BS

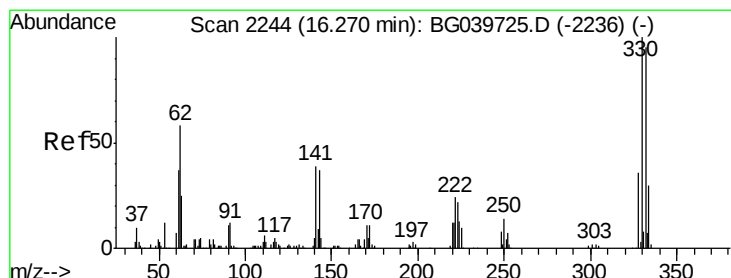
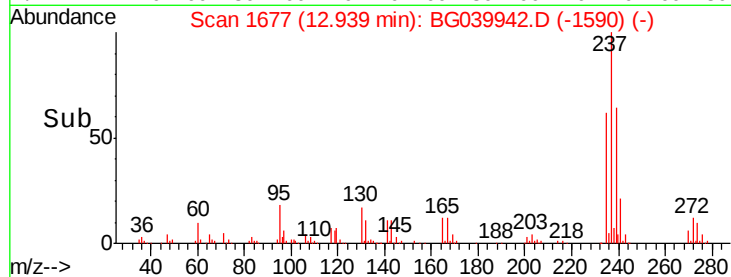
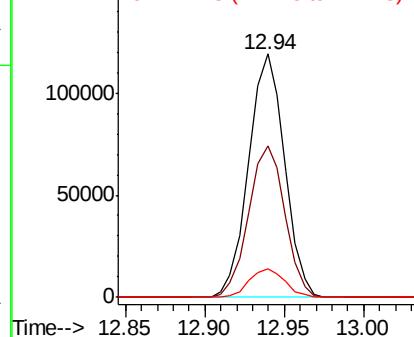
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 187416 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.3  | 43.3  | 83.3   |
| 272       | 11.8  | 0.0   | 32.3   |

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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: 133.826 ng

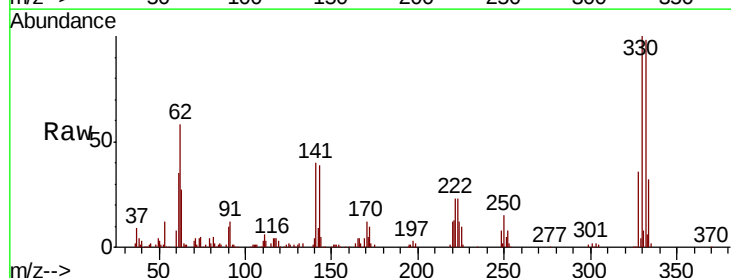
RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

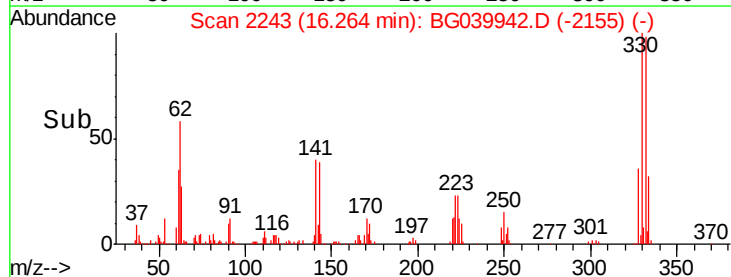
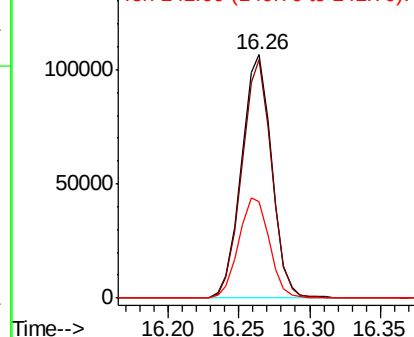
Lab File: BG039942.D

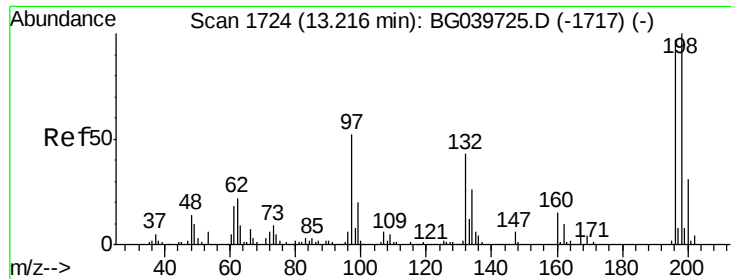
Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 159449 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.7  | 75.7  | 113.5  |
| 141       | 41.9  | 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





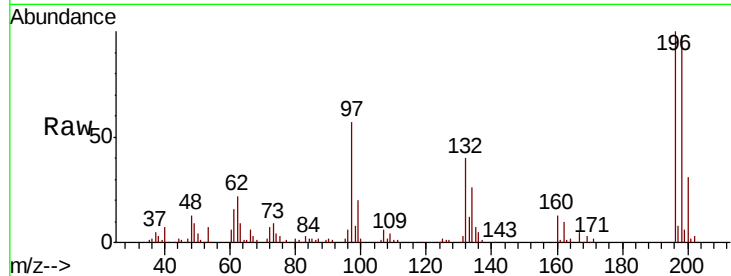
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.540 ng  
 RT: 13.21 min Scan# 1723  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117964BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 94356 |       |       |
| 198     | 98.2  | 80.6  | 121.0 |       |
| 200     | 31.3  | 26.1  | 39.1  |       |

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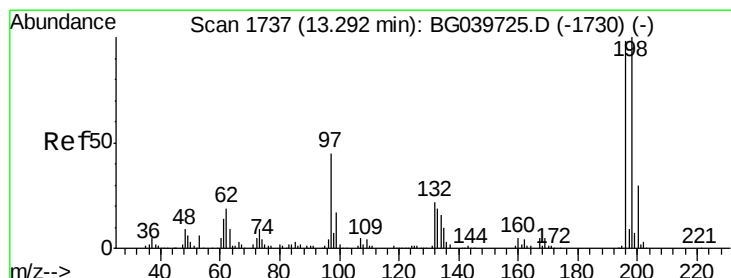
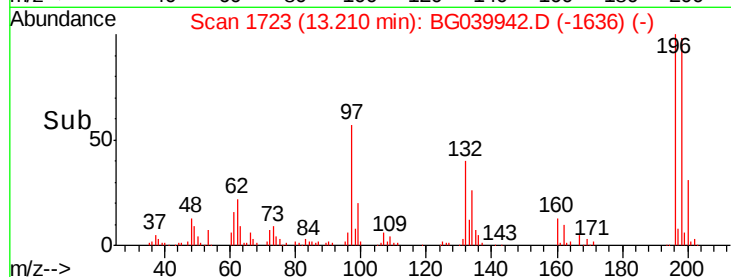
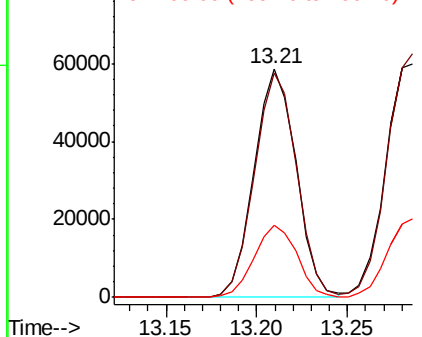


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.737 ng  
 RT: 13.29 min Scan# 1736  
 Delta R.T. -0.01 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 99950 |       |       |
| 198     | 104.1 | 78.5  | 117.7 |       |
| 97      | 45.6  | 38.4  | 57.6  |       |
| 132     | 25.2  | 19.2  | 28.8  |       |

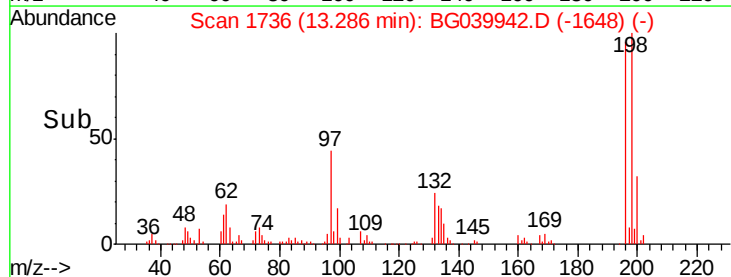
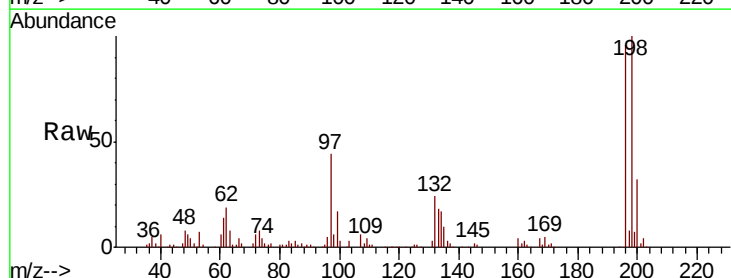
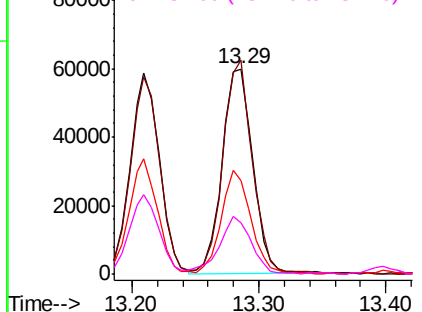
Abundance

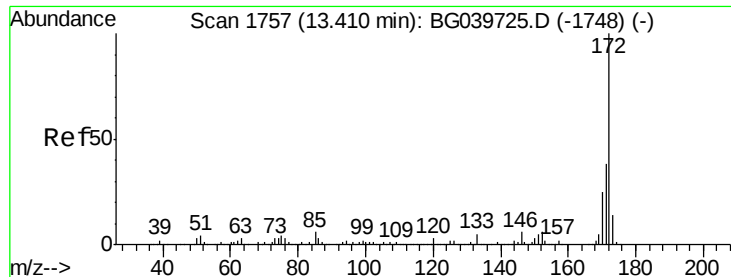
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





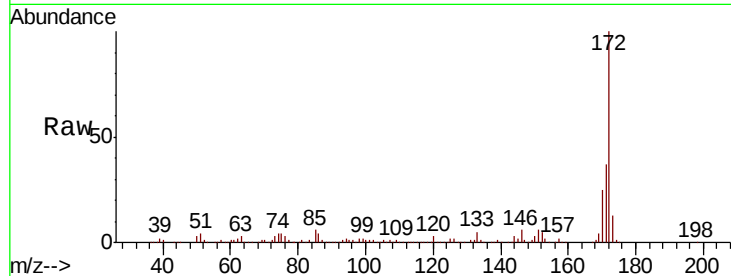
#45  
2-Fluorobiphenyl  
Concen: 79.157 ng  
RT: 13.40 min Scan# 1755  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 30.8  | 46.2  |
| 170     | 24.7  | 20.2  | 30.4  |

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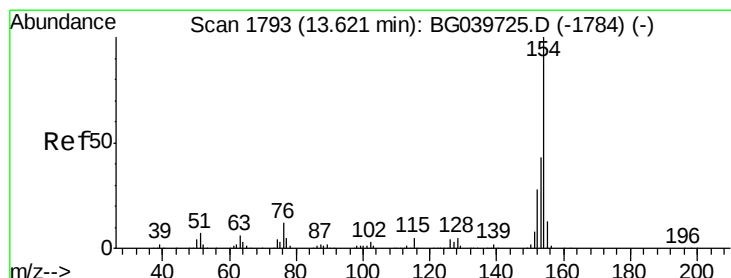
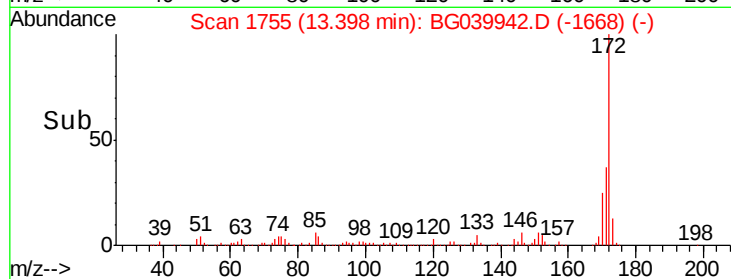
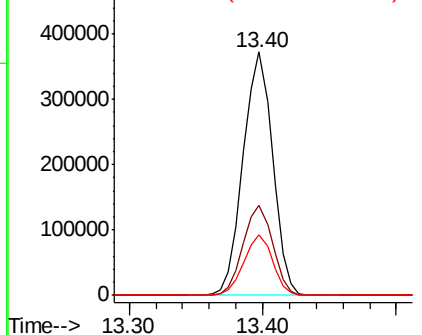


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 41.618 ng  
RT: 13.61 min Scan# 1791  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

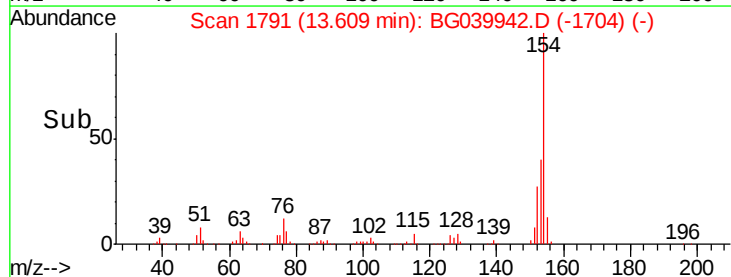
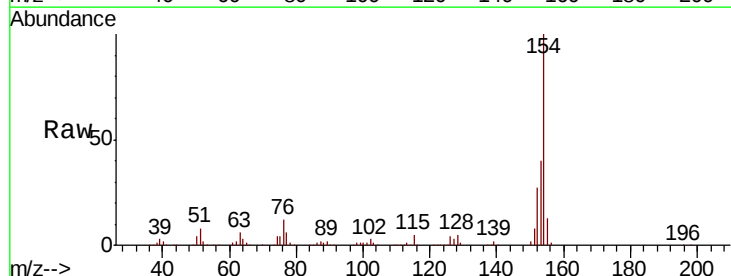
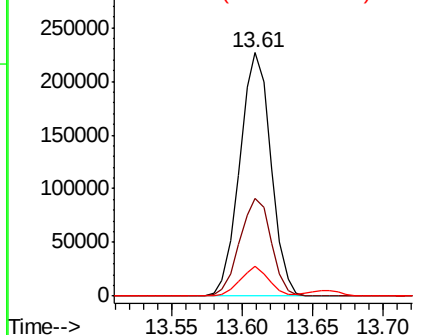
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.2  | 22.1  | 62.1  |
| 76      | 12.3  | 0.0   | 32.4  |

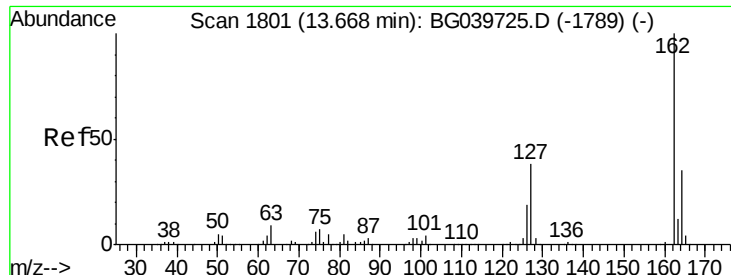
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGO





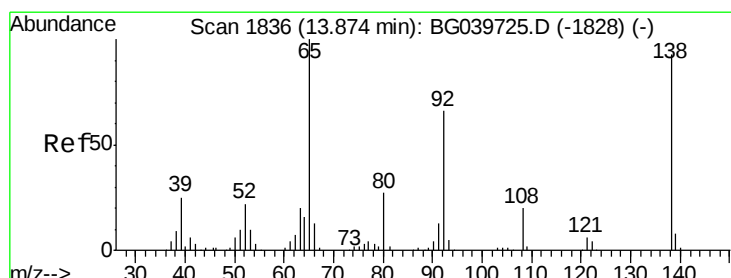
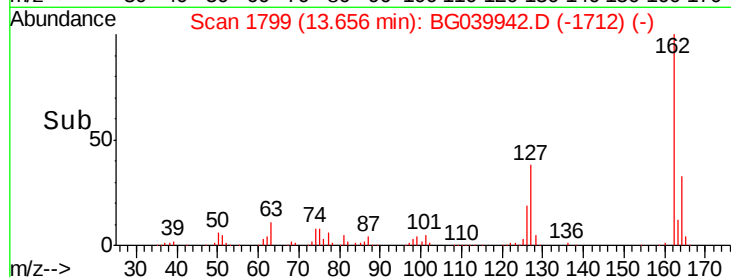
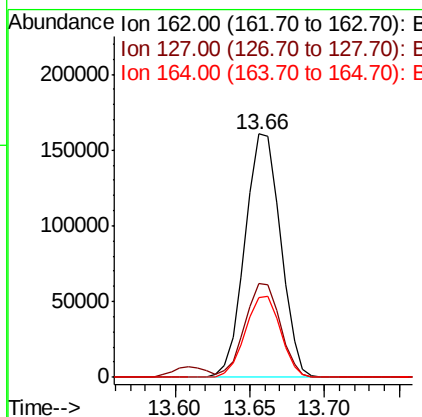
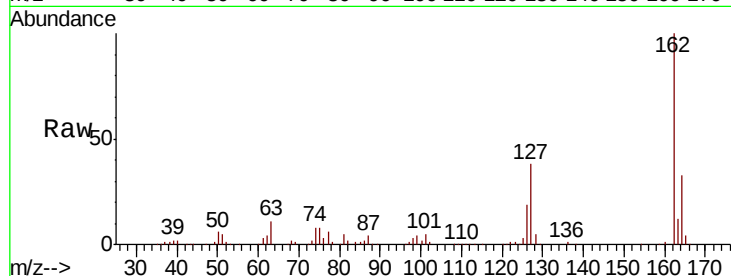
#47  
 2-Chloronaphthalene  
 Concen: 41.824 ng  
 RT: 13.66 min Scan# 1799  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.4  | 31.0  | 46.6  |
| 164     | 32.7  | 25.7  | 38.5  |

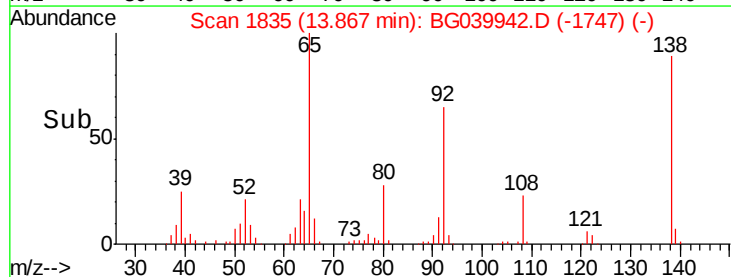
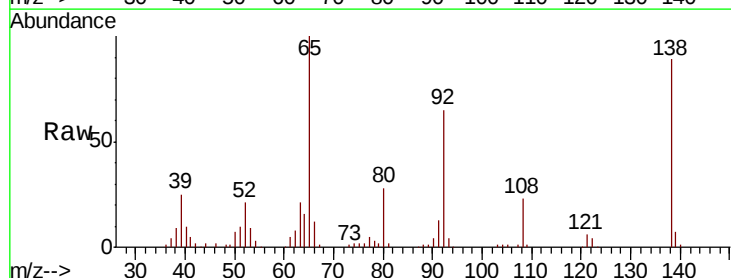
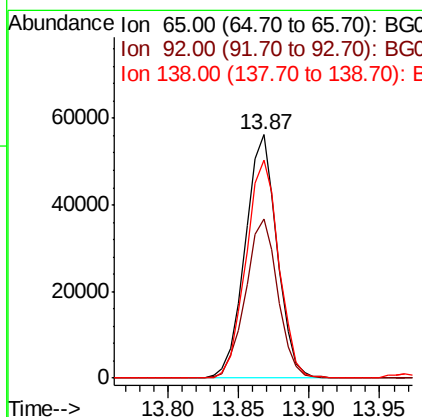
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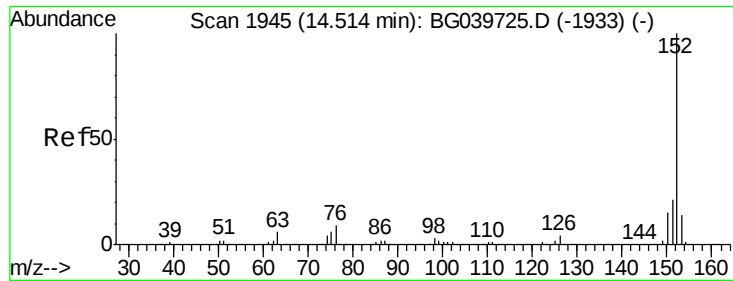
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#48  
 2-Nitroaniline  
 Concen: 43.731 ng  
 RT: 13.87 min Scan# 1835  
 Delta R.T. -0.01 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.2  | 51.4  | 77.2  |
| 138     | 89.4  | 71.4  | 107.2 |





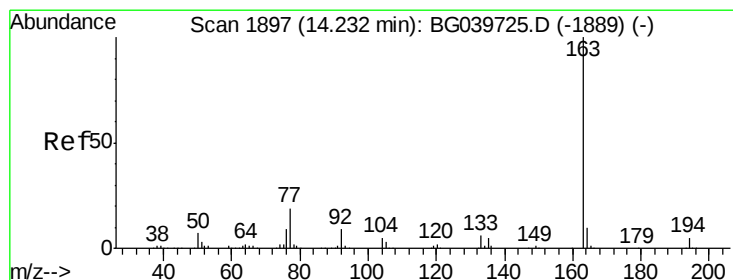
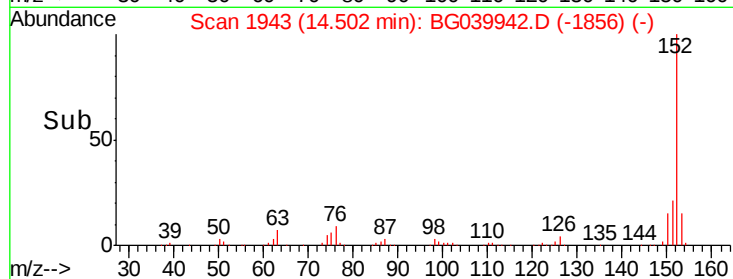
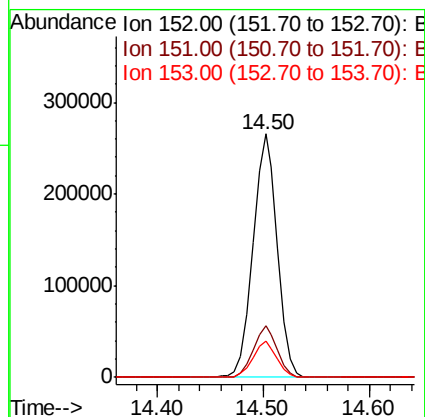
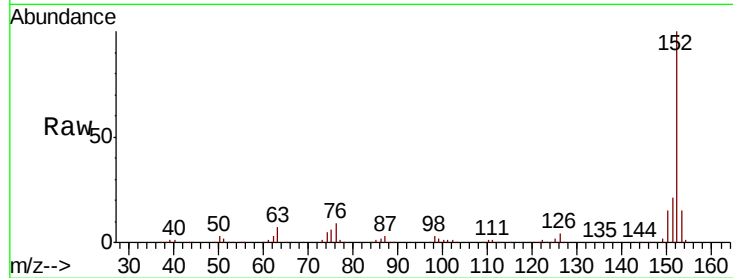
#49  
Acenaphthylene  
Concen: 40.700 ng  
RT: 14.50 min Scan# 1943  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.4  | 16.8  | 25.2  |
| 153     | 14.9  | 11.7  | 17.5  |

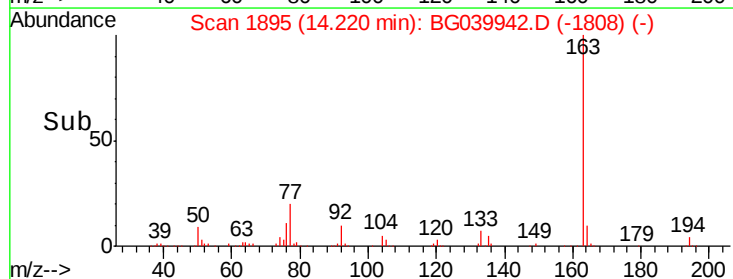
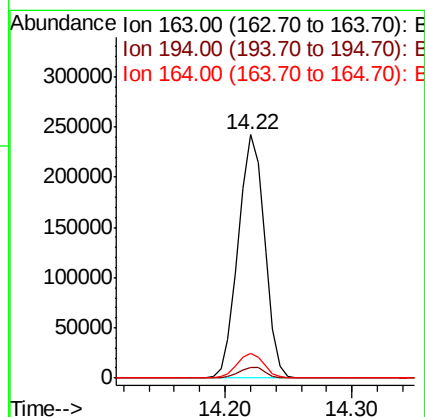
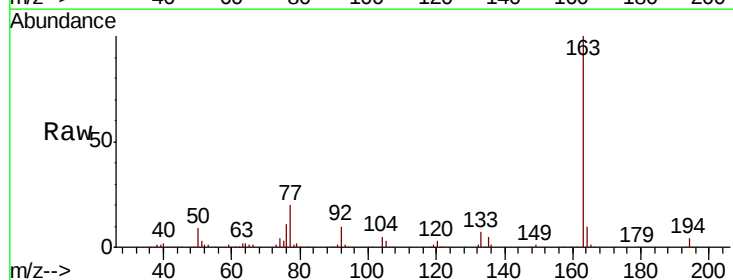
Manual Integrations  
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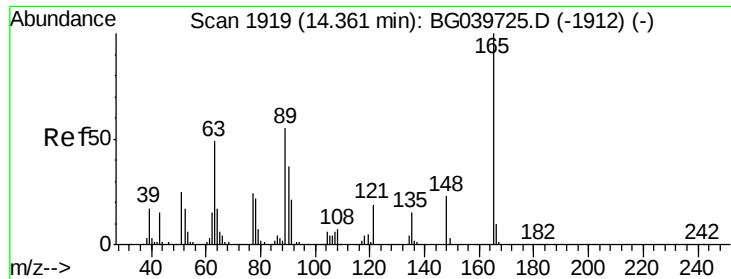
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#50  
Dimethylphthalate  
Concen: 40.772 ng  
RT: 14.22 min Scan# 1895  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.6   | 5.4   |
| 164     | 10.3  | 8.4   | 12.6  |





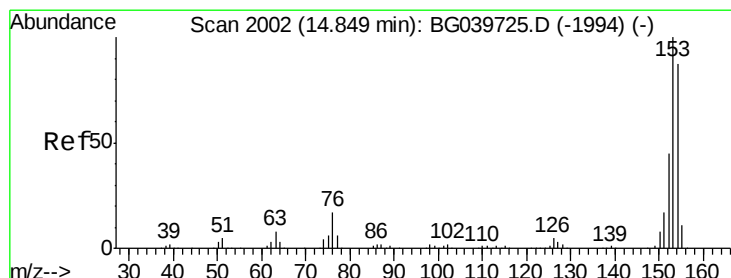
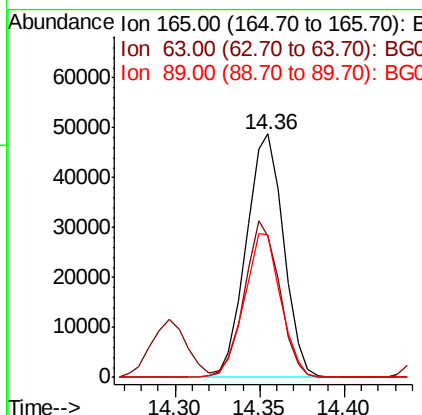
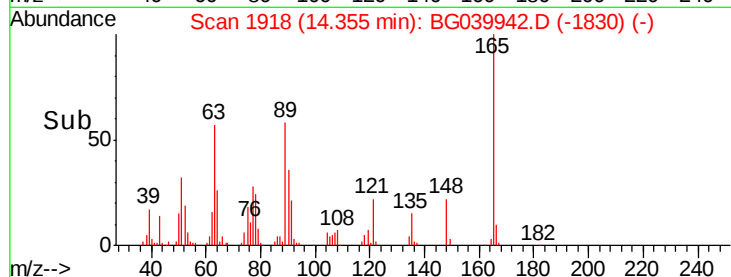
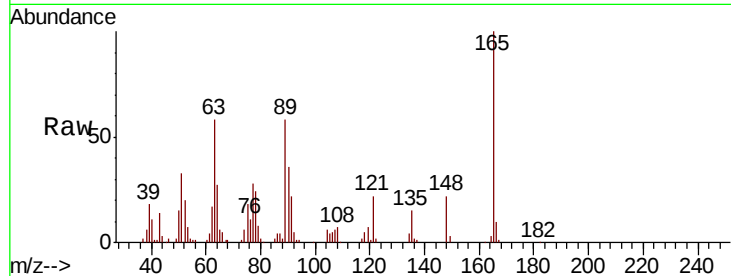
#51  
2,6-Dinitrotoluene  
Concen: 41.287 ng  
RT: 14.36 min Scan# 1918  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 58.1  | 47.0  | 70.6  |
| 89      | 58.3  | 45.8  | 68.8  |

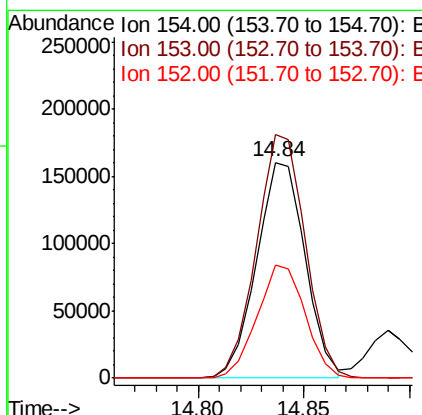
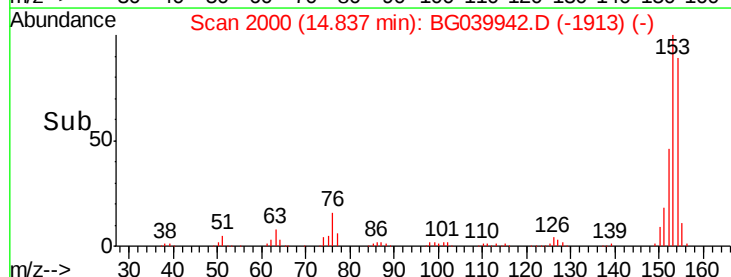
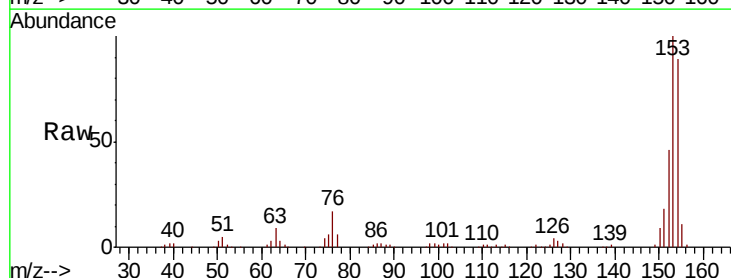
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3/18/2019 3:02:39 PM



#52  
Acenaphthene  
Concen: 41.008 ng  
RT: 14.84 min Scan# 2000  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.8 | 90.1  | 135.1 |
| 152     | 52.3  | 40.9  | 61.3  |





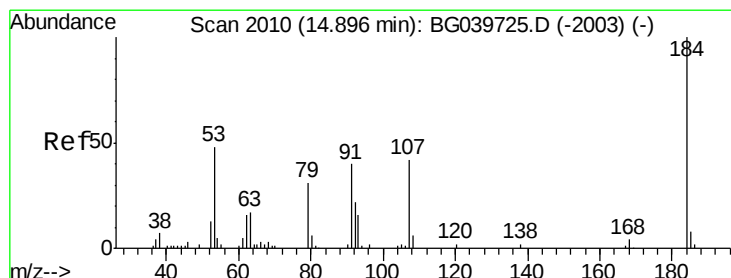
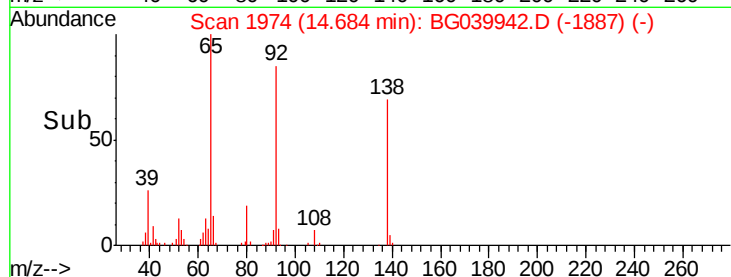
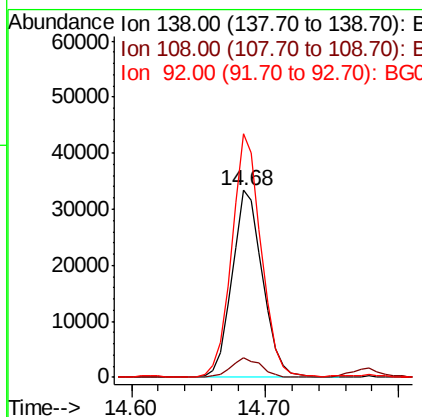
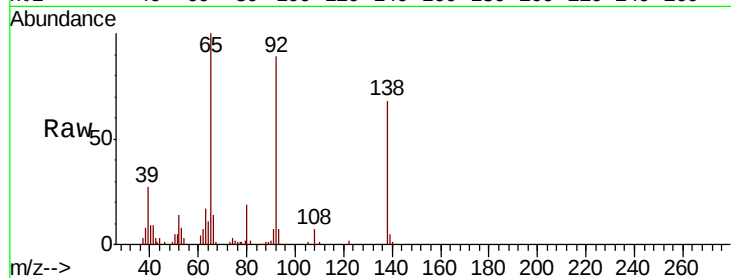
#53  
3-Nitroaniline  
Concen: 29.134 ng  
RT: 14.68 min Scan# 1974  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.4  | 13.8  | 20.8# |
| 92      | 130.1 | 103.7 | 155.5 |

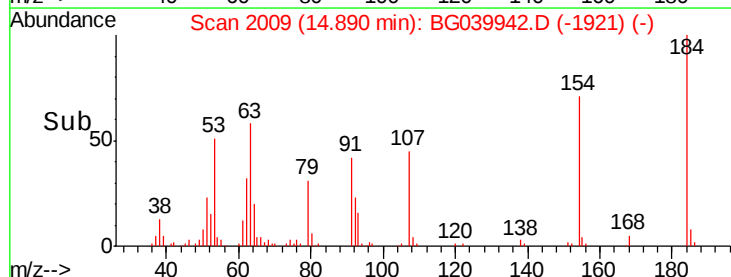
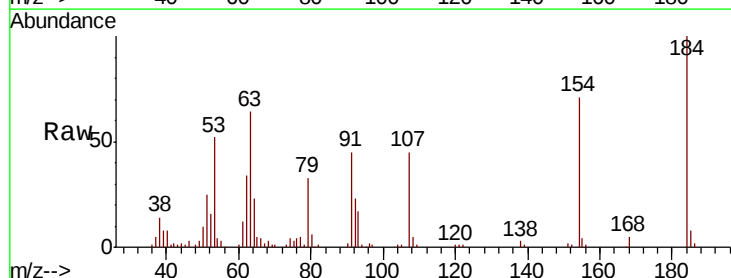
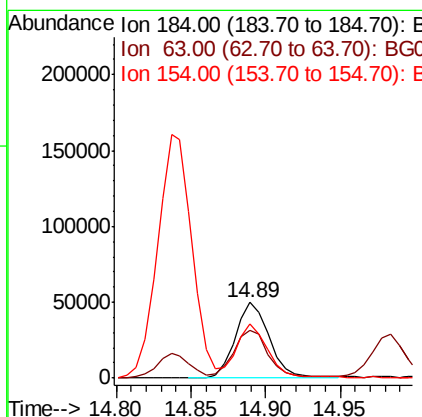
Manual Integrations  
APPROVED

Sohil  
3/18/2019 3:02:39 PM



#54  
2,4-Dinitrophenol  
Concen: 70.214 ng  
RT: 14.89 min Scan# 2009  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 63.5  | 50.9  | 76.3  |
| 154     | 70.7  | 53.0  | 79.6  |





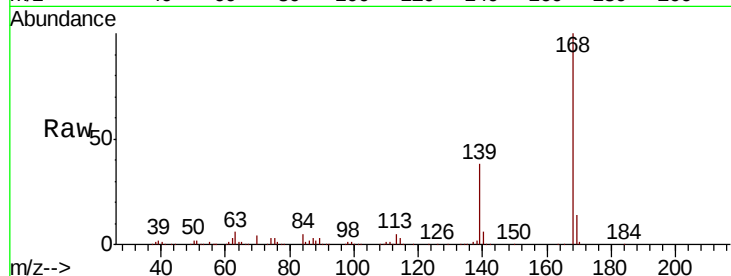
#55  
Dibenzenofuran  
Concen: 41.228 ng  
RT: 15.17 min Scan# 2057  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.3  | 30.1  | 45.1  |
| 169     | 13.7  | 10.6  | 16.0  |

Manual Integrations  
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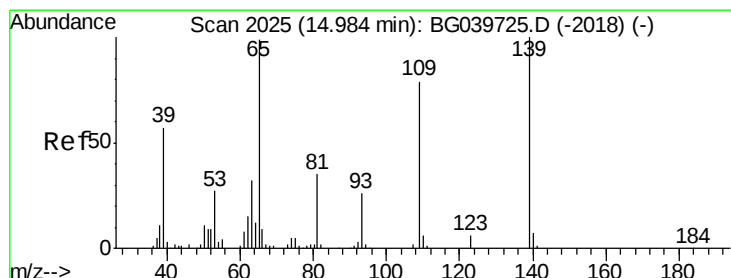
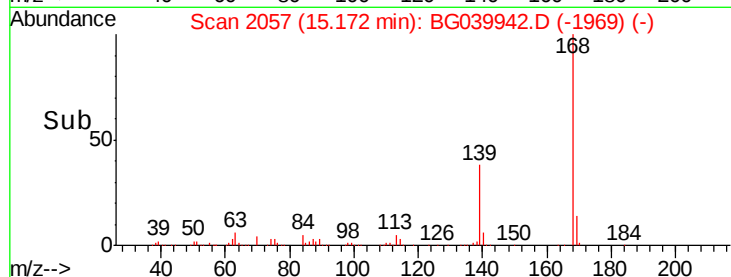
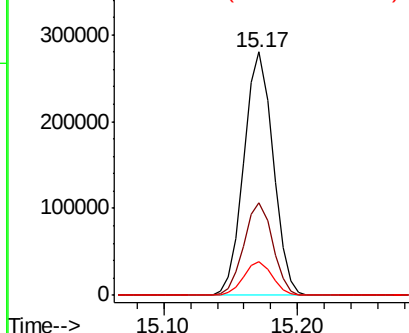


Abundance

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: 81.941 ng  
RT: 14.98 min Scan# 2025  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

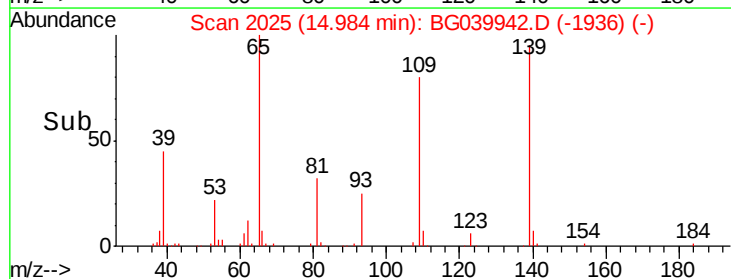
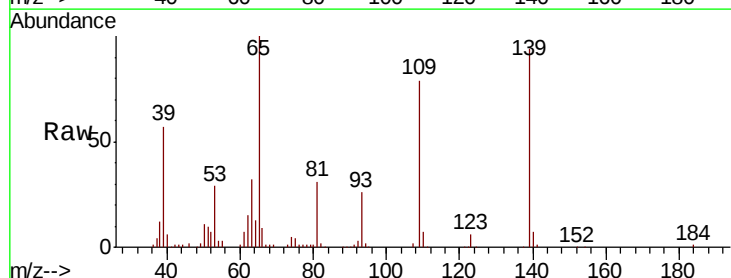
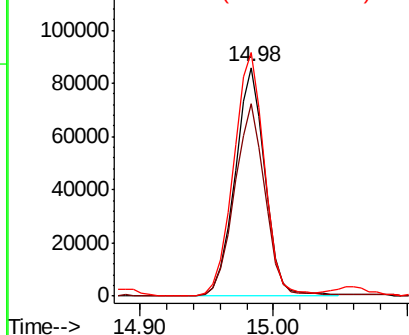
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 84.2  | 61.9  | 101.9 |
| 65      | 106.4 | 99.1  | 139.1 |

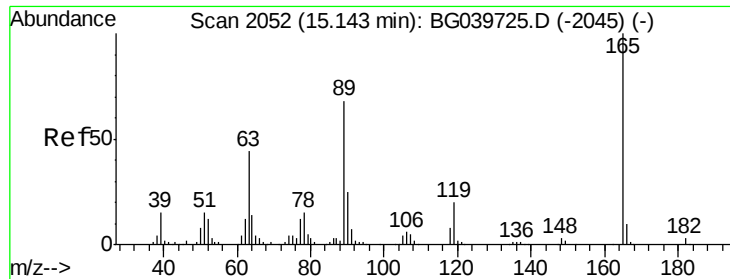
Abundance

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): BGO





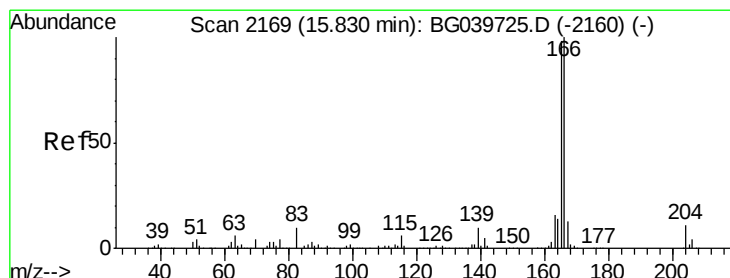
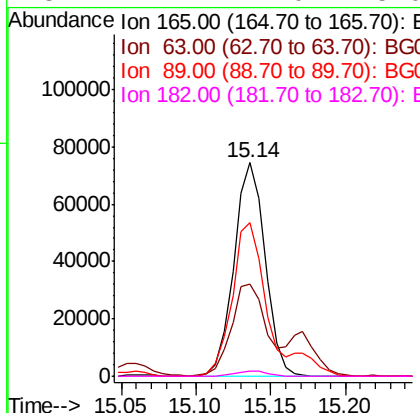
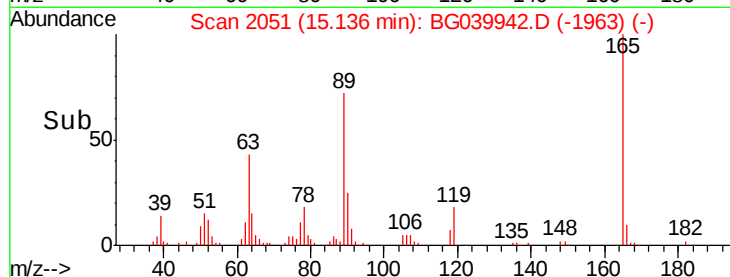
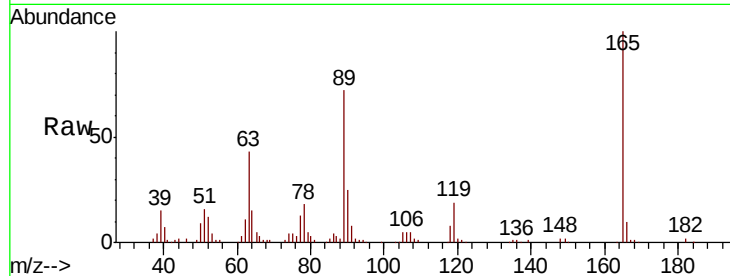
#57  
 2,4-Dinitrotoluene  
 Concen: 42.509 ng  
 RT: 15.14 min Scan# 2051  
 Delta R.T. -0.01 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117964BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 165     | 100  |       |      |       |       |
| 63      | 43.4 | 41.0  | 61.6 |       |       |
| 89      | 71.7 | 64.6  | 96.8 |       |       |
| 182     | 2.4  | 2.0   | 3.0  |       |       |

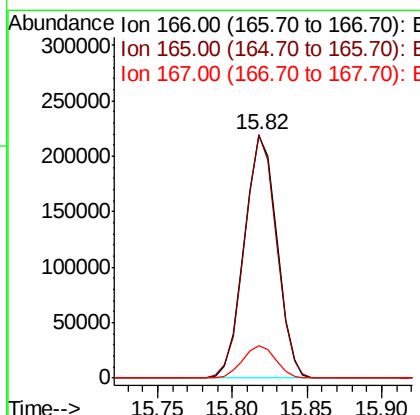
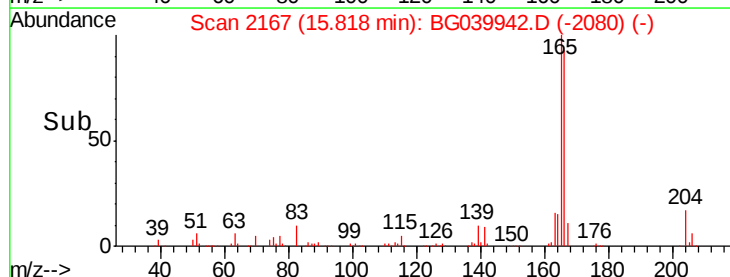
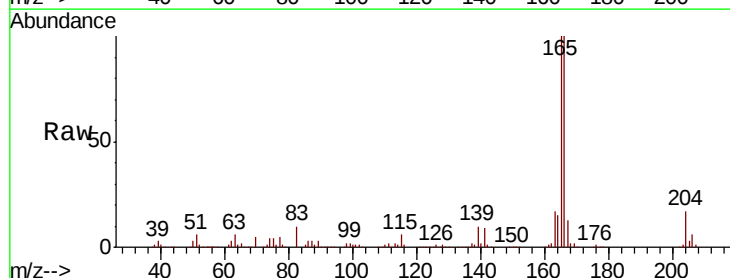
Manual Integrations  
 APPROVED

Sohil  
 3/18/2019 3:02:39 PM



#58  
 Fluorene  
 Concen: 40.890 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 166     | 100   |       |       |       |       |
| 165     | 100.3 | 77.9  | 116.9 |       |       |
| 167     | 13.5  | 10.8  | 16.2  |       |       |





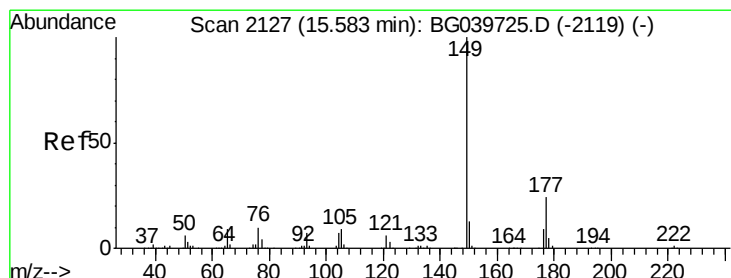
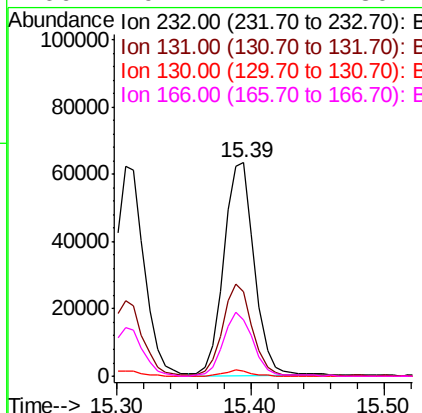
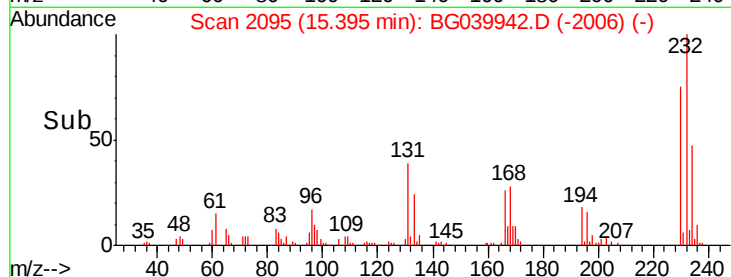
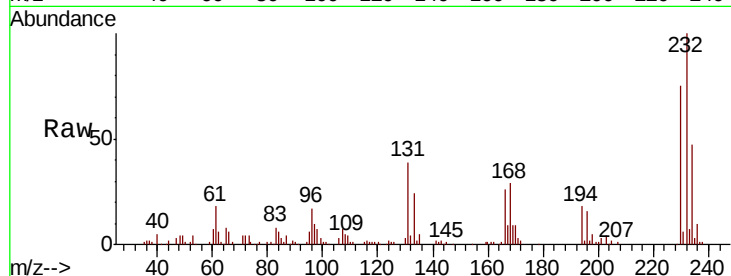
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.571 ng  
 RT: 15.39 min Scan# 2095  
 Delta R.T. -0.01 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117964BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 101708 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 41.4  | 34.9  | 52.3   |
| 130       | 2.5   | 2.0   | 3.0    |
| 166       | 29.4  | 24.1  | 36.1   |

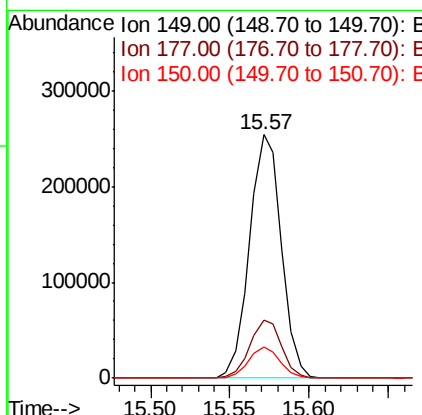
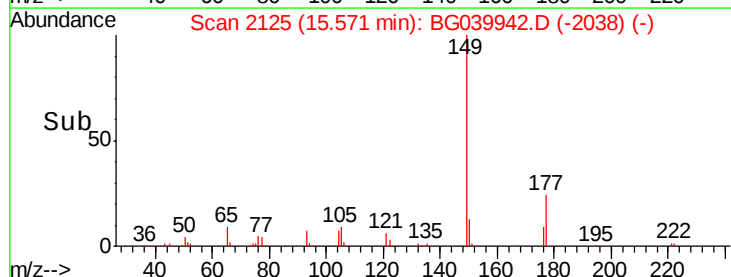
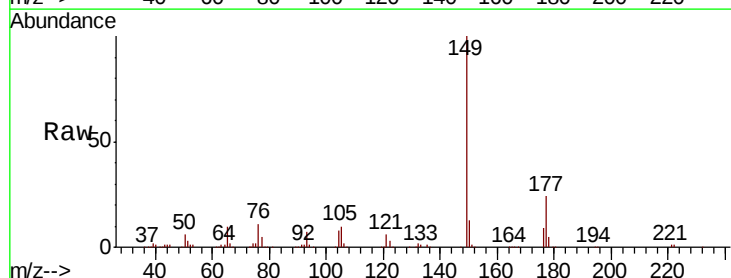
Manual Integrations  
 APPROVED

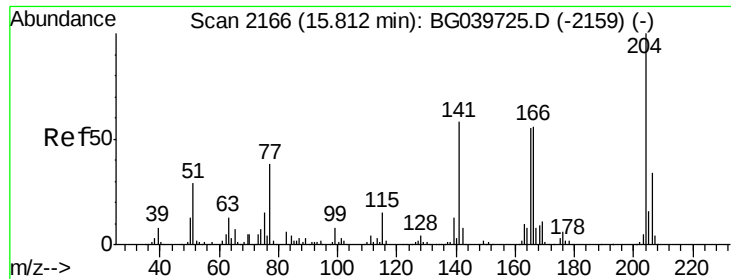
Sohil  
 3/18/2019 3:02:39 PM



#60  
 Diethylphthalate  
 Concen: 41.803 ng  
 RT: 15.57 min Scan# 2125  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 353719 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.9  | 18.3  | 27.5   |
| 150       | 13.0  | 10.2  | 15.2   |





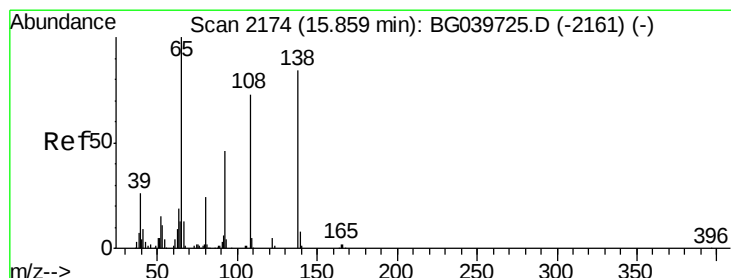
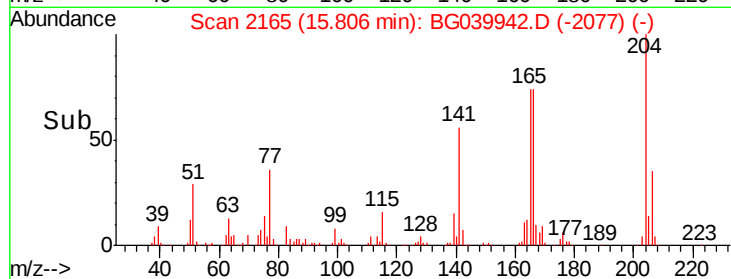
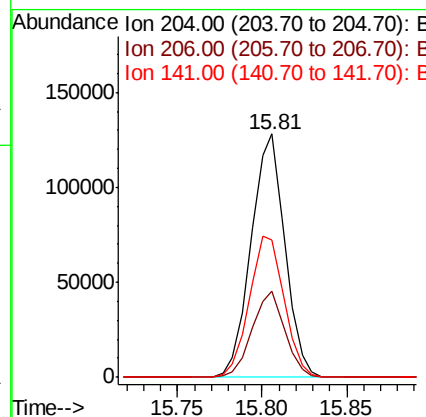
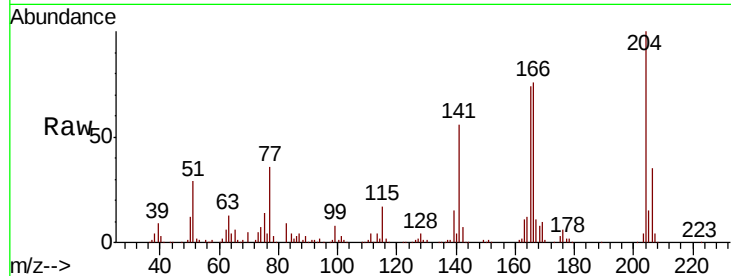
#61  
4-Chlorophenyl-phenylether  
Concen: 41.473 ng  
RT: 15.81 min Scan# 2165  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.2  | 29.2  | 43.8  |
| 141     | 56.2  | 49.0  | 73.4  |

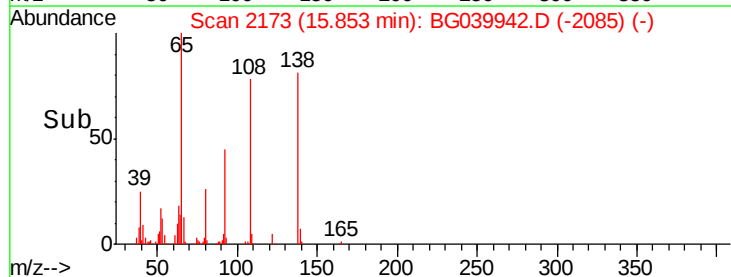
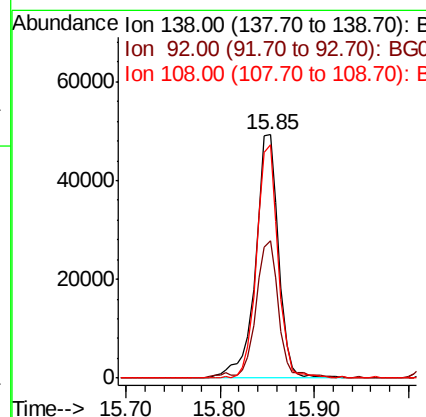
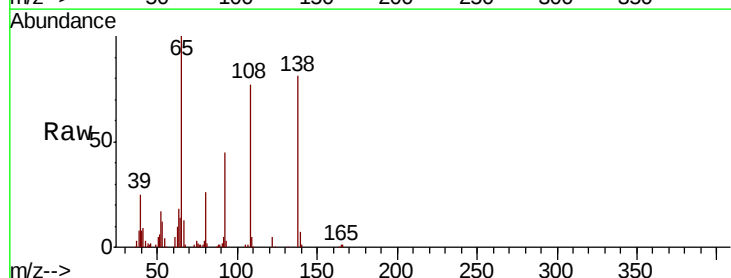
Manual Integrations  
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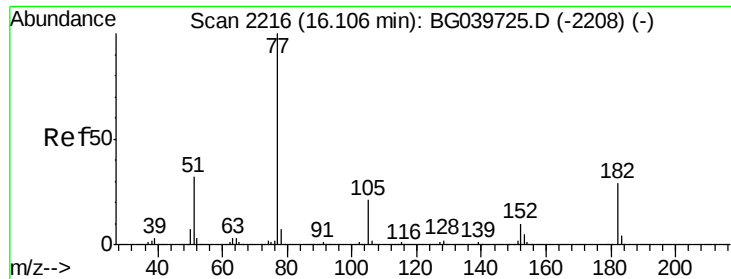
Sohil  
3/18/2019 3:02:39 PM



#62  
4-Nitroaniline  
Concen: 42.212 ng  
RT: 15.85 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.2  | 38.7  | 78.7  |
| 108     | 95.9  | 74.6  | 114.6 |





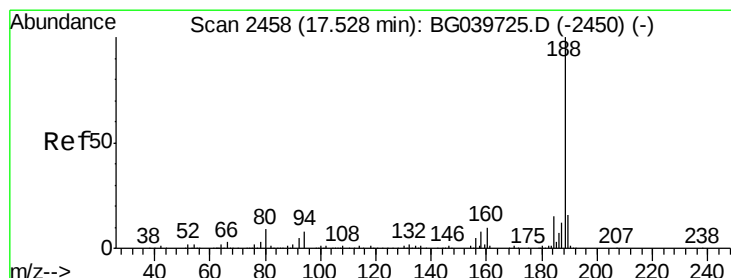
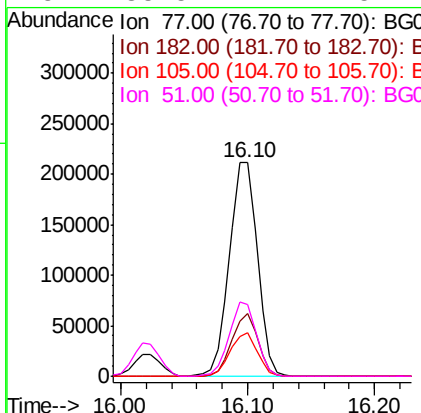
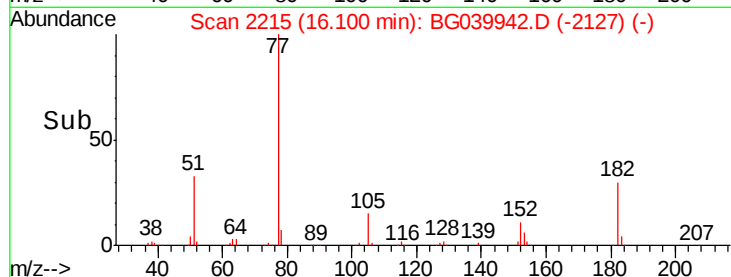
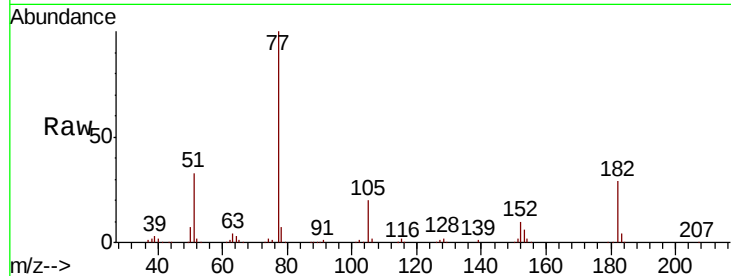
#63  
Azobenzene  
Concen: 42.097 ng  
RT: 16.10 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.5  | 6.4   | 46.4  |
| 105     | 20.2  | 0.0   | 39.8  |
| 51      | 33.5  | 14.1  | 54.1  |

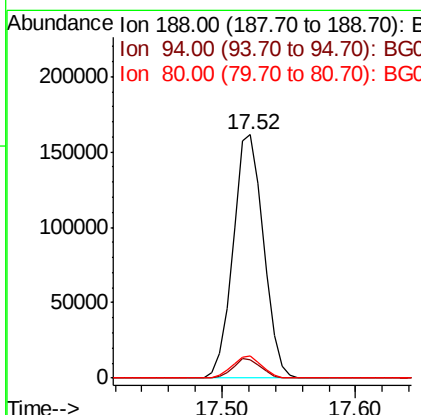
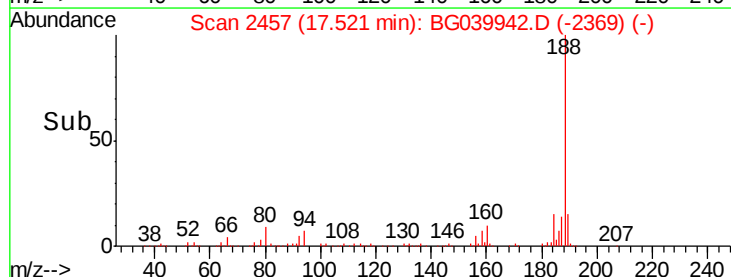
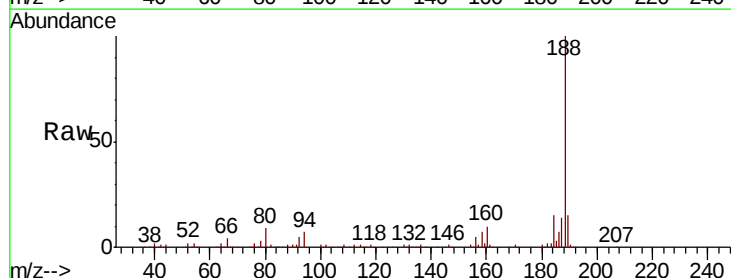
Manual Integrations  
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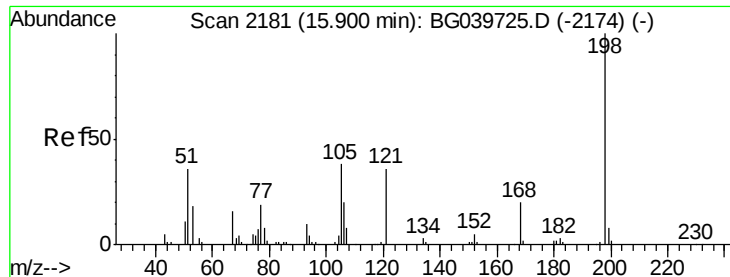
Sohil  
3/18/2019 3:02:39 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.52 min Scan# 2457  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.5   | 6.9   | 10.3  |
| 80      | 8.9   | 8.1   | 12.1  |





#65

4,6-Dinitro-2-methylphenol

Concen: 41.170 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

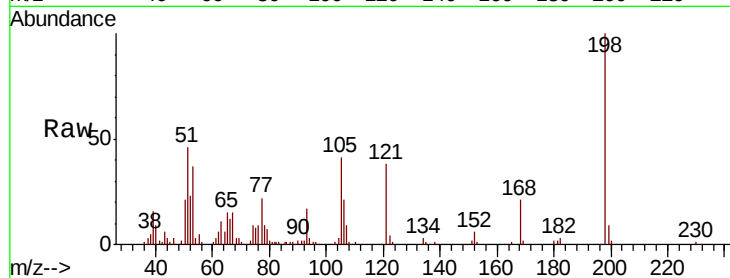
ClientSampleId :

PB117964BS

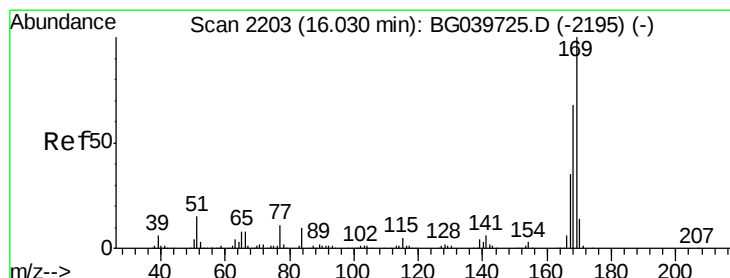
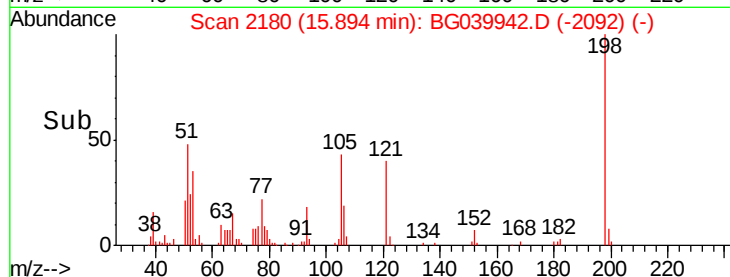
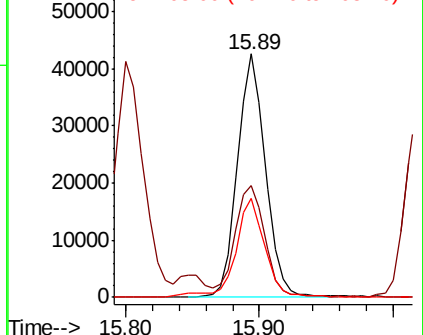
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 61970 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 45.9  | 27.4  | 67.4  |
| 105       | 40.8  | 19.7  | 59.7  |

Manual Integrations  
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3/18/2019 3:02:39 PM



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: 41.314 ng

RT: 16.02 min Scan# 2202

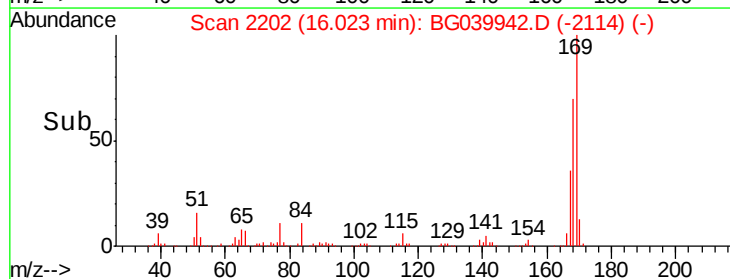
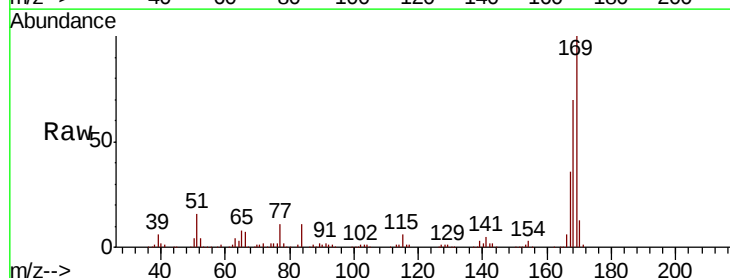
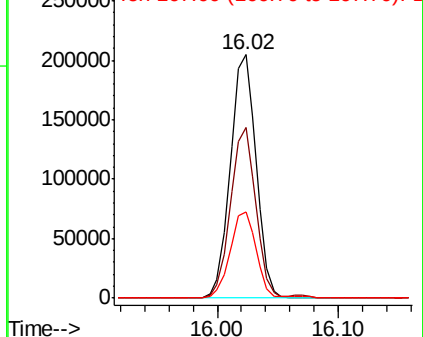
Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 304482 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.9  | 56.6  | 85.0   |
| 167       | 35.6  | 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





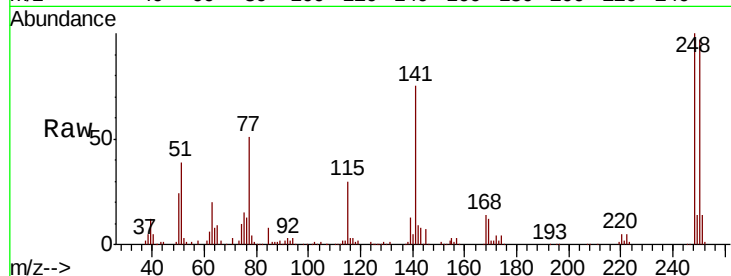
#67  
4-Bromophenyl-phenylether  
Concen: 40.668 ng  
RT: 16.70 min Scan# 2317  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampled :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.8  | 77.6  | 116.4 |
| 141     | 74.5  | 63.9  | 95.9  |

Manual Integrations  
APPROVED

Sohil  
3/18/2019 3:02:39 PM

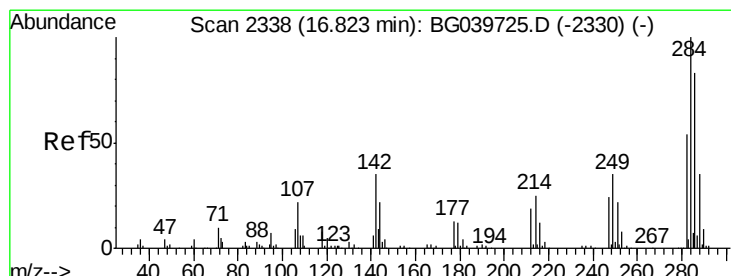
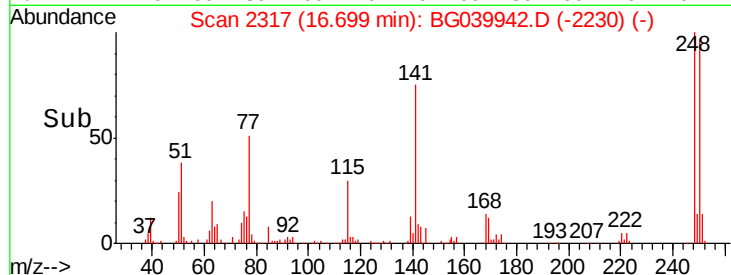
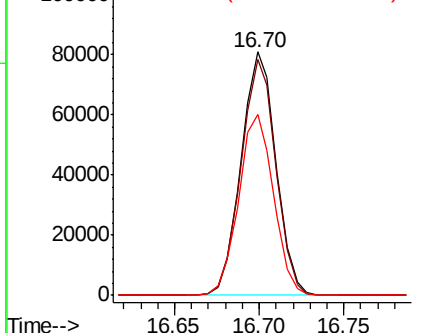


Abundance

Ion 248.00 (247.70 to 248.70): E

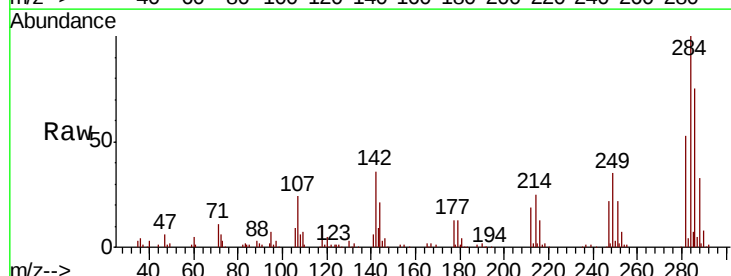
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 40.025 ng  
RT: 16.81 min Scan# 2336  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.3  | 30.6  | 45.8  |
| 249     | 34.9  | 28.2  | 42.2  |

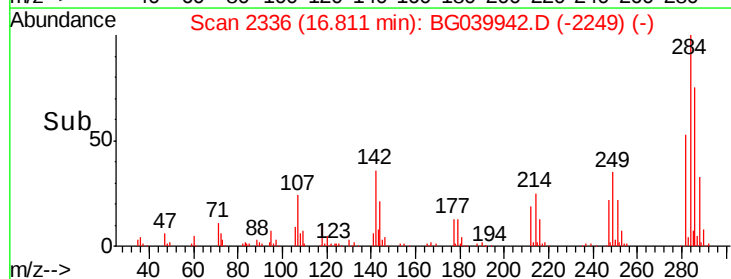
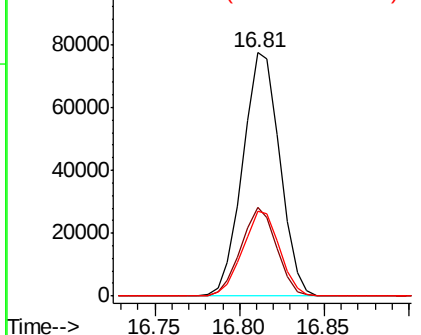


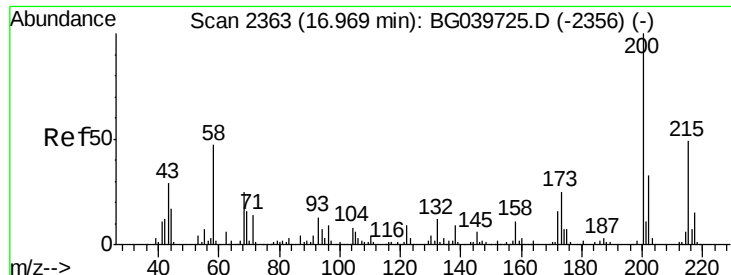
Abundance

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





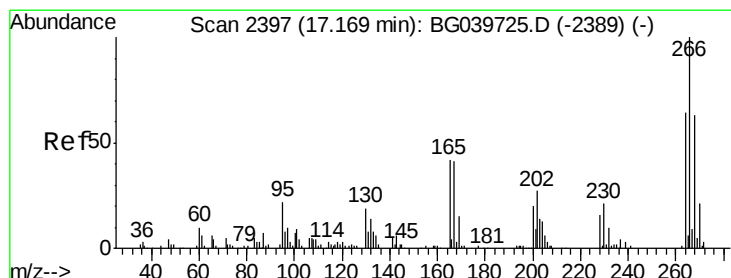
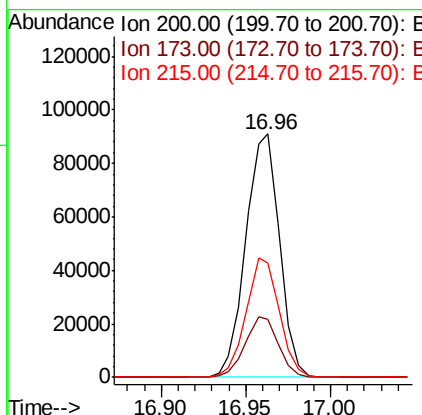
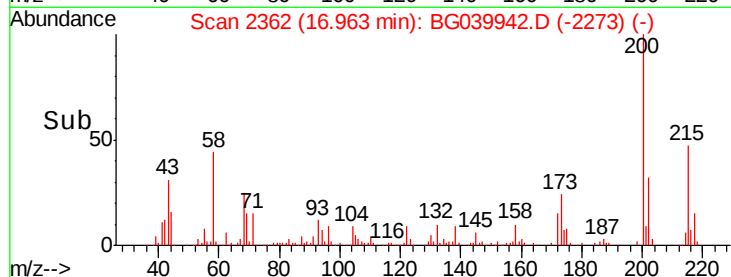
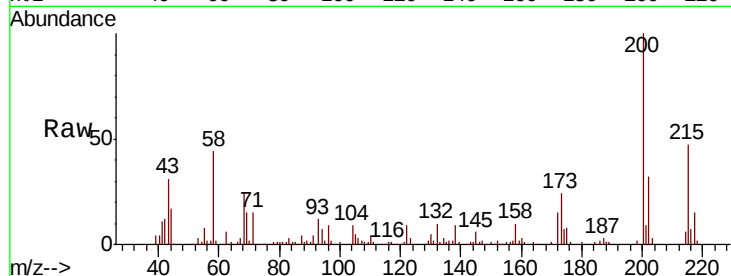
#69  
 Atrazine  
 Concen: 43.631 ng  
 RT: 16.96 min Scan# 2362  
 Delta R.T. -0.01 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117964BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 126553 |       |       |
| 173     | 23.7  | 3.9    | 43.9  |       |
| 215     | 46.8  | 30.9   | 70.9  |       |

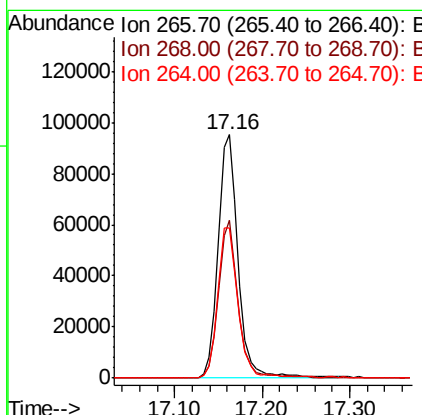
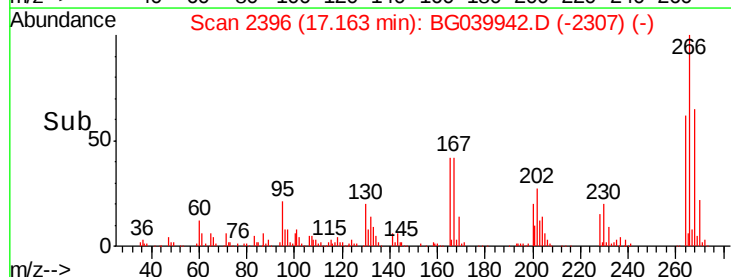
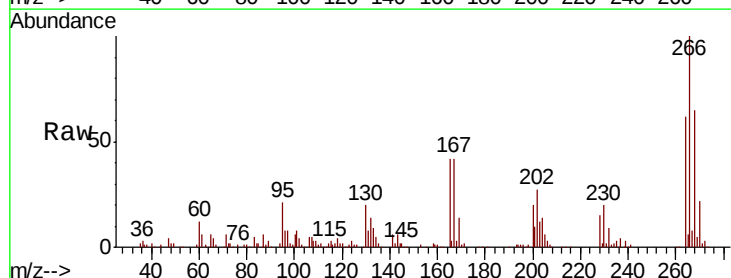
Manual Integrations  
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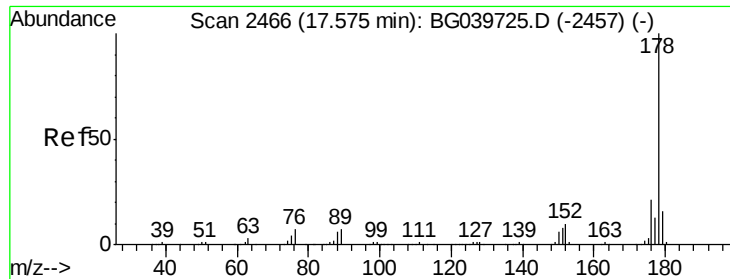
Sohil  
 3/18/2019 3:02:39 PM



#70  
 Pentachlorophenol  
 Concen: 80.755 ng  
 RT: 17.16 min Scan# 2396  
 Delta R.T. -0.01 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 150642 |       |       |
| 268     | 64.7  | 51.1   | 76.7  |       |
| 264     | 61.8  | 52.1   | 78.1  |       |





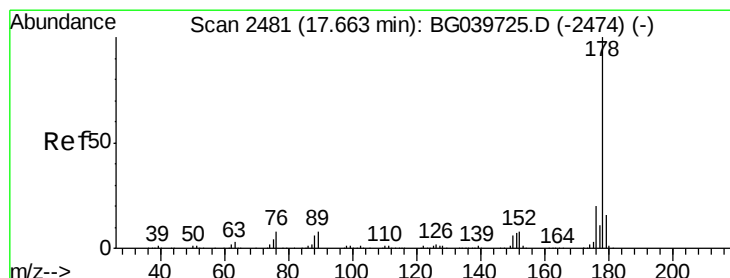
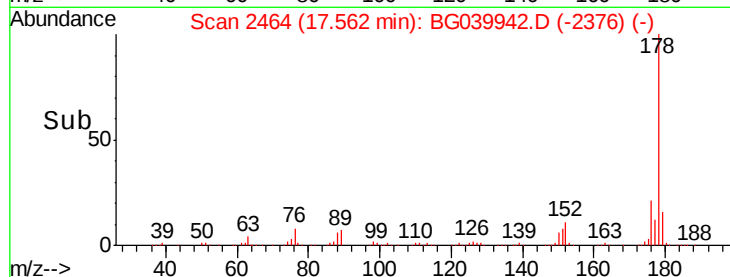
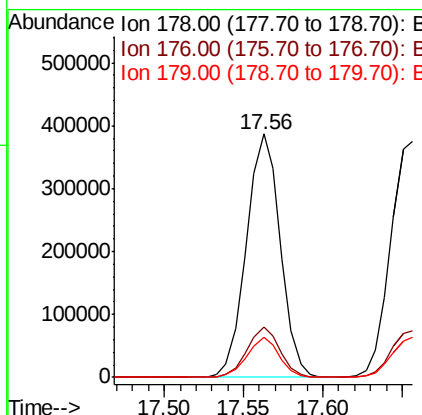
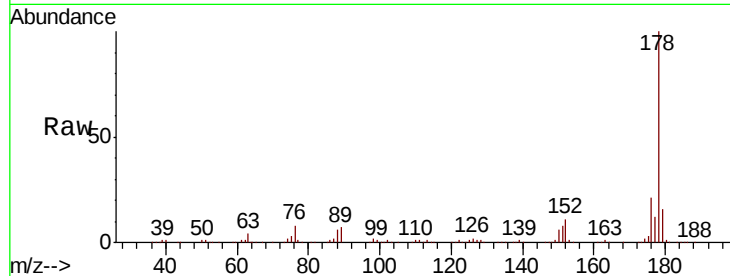
#71  
Phenanthrene  
Concen: 40.929 ng  
RT: 17.56 min Scan# 2464  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.6  | 16.2  | 24.4  |
| 179     | 16.2  | 12.6  | 19.0  |

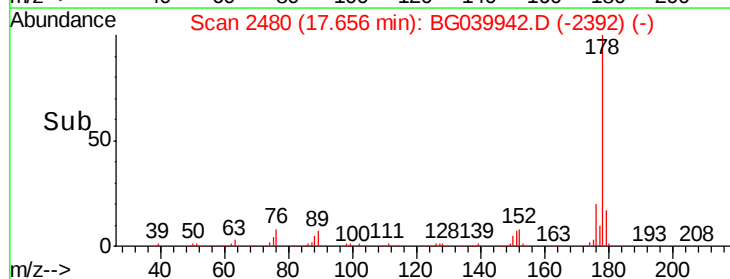
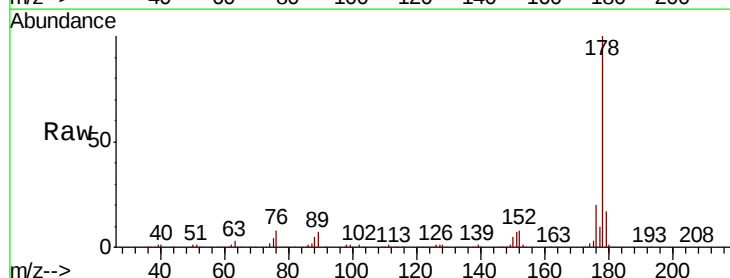
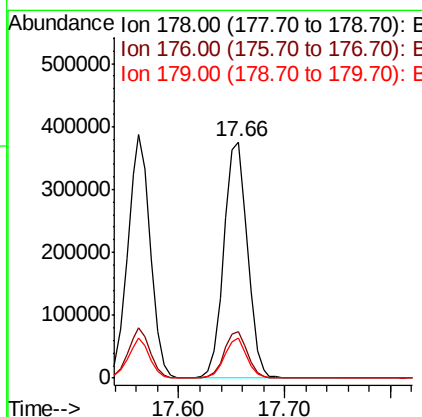
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#72  
Anthracene  
Concen: 42.345 ng  
RT: 17.66 min Scan# 2480  
Delta R.T. -0.01 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.8  | 23.6  |
| 179     | 16.8  | 12.5  | 18.7  |





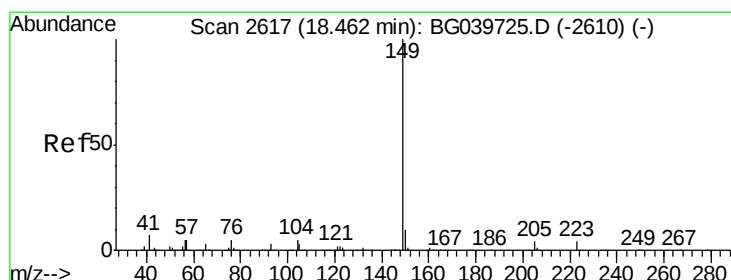
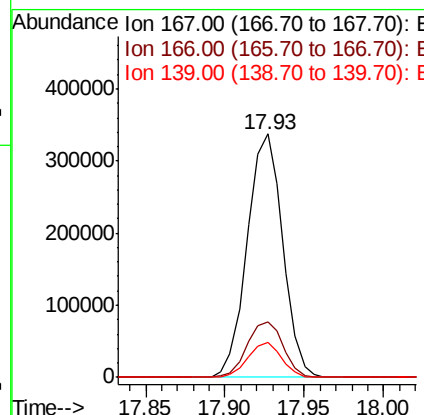
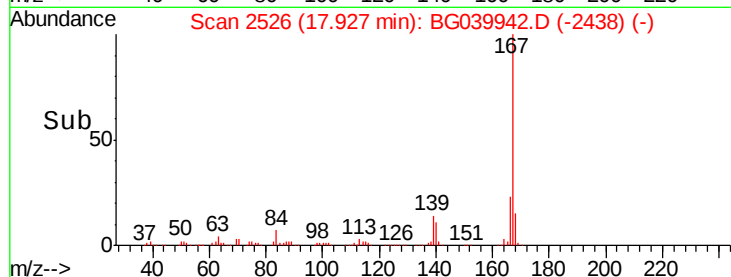
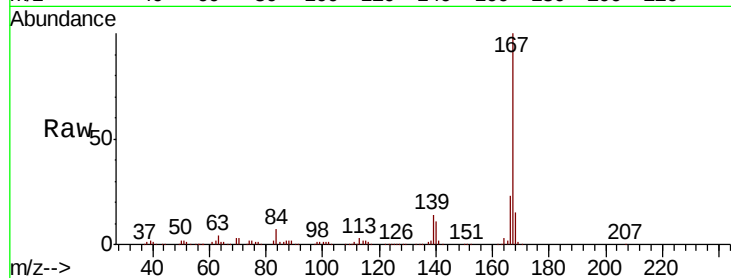
#73  
 Carbazole  
 Concen: 42.512 ng  
 RT: 17.93 min Scan# 2526  
 Delta R.T. -0.01 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117964BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 523694 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.9  | 19.4  | 29.2   |
| 139       | 14.2  | 10.8  | 16.2   |

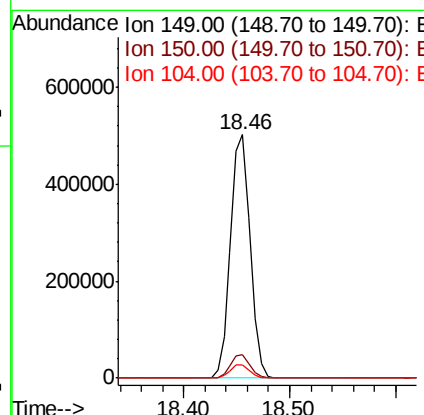
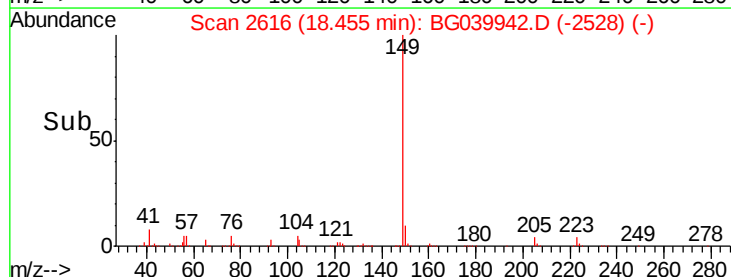
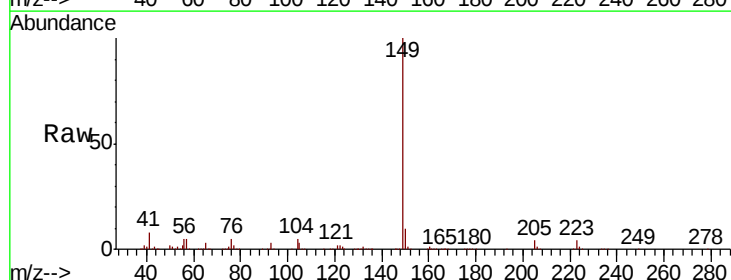
Manual Integrations  
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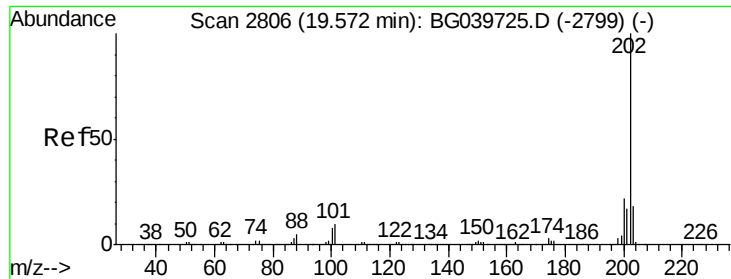
Sohil  
 3/18/2019 3:02:39 PM



#74  
 Di-n-butylphthalate  
 Concen: 44.406 ng  
 RT: 18.46 min Scan# 2616  
 Delta R.T. -0.01 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 643613 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.8   | 7.7   | 11.5   |
| 104       | 5.4   | 4.5   | 6.7    |





#75

Fluoranthene

Concen: 43.642 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

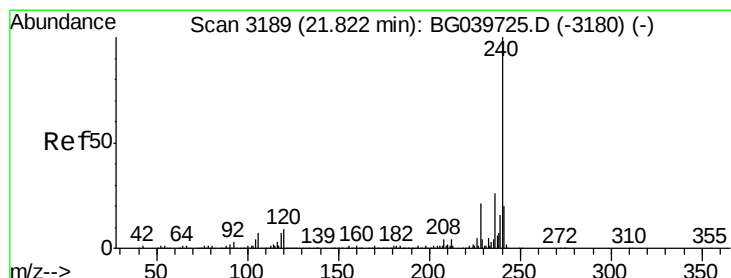
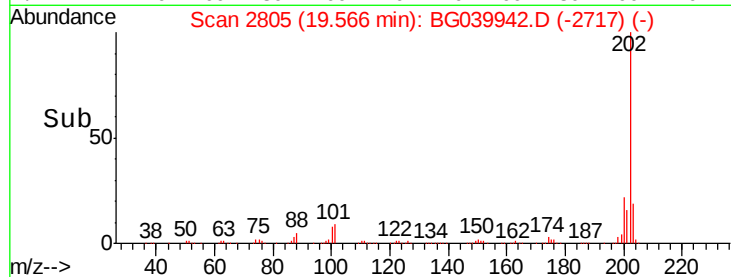
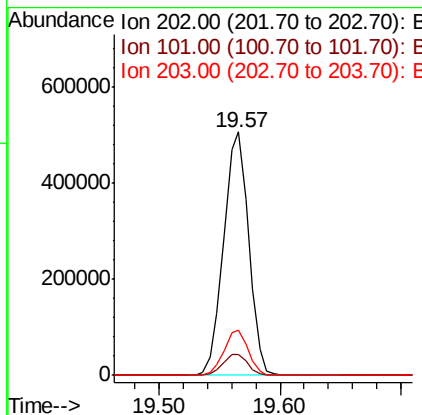
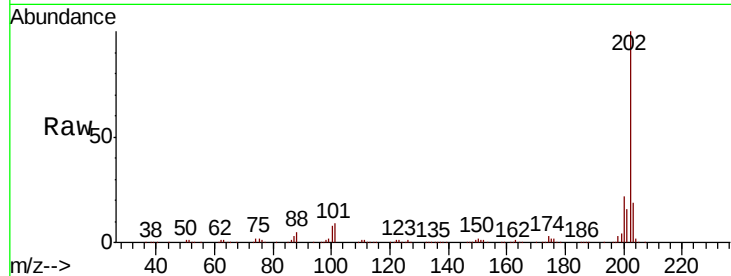
ClientSampleId :

PB117964BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 8.6   | 0.0        | 30.0  |
| 203     | 18.8  | 0.0        | 38.9  |

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#76

Chrysene-d12

Concen: 20.000 ng

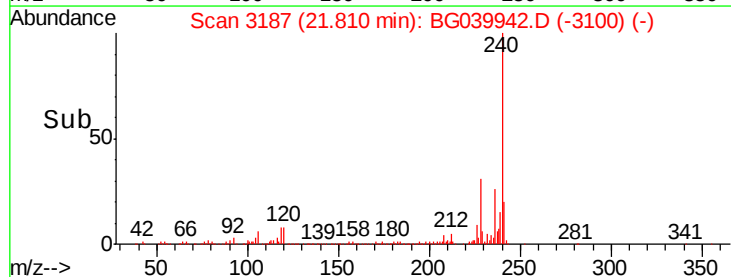
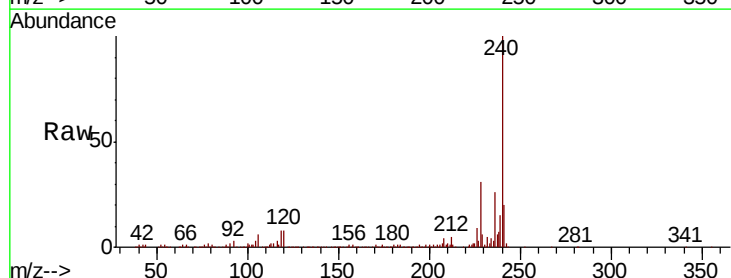
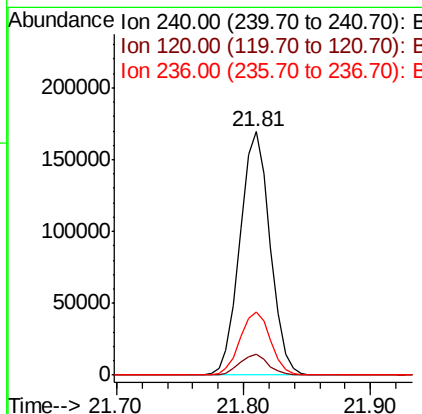
RT: 21.81 min Scan# 3187

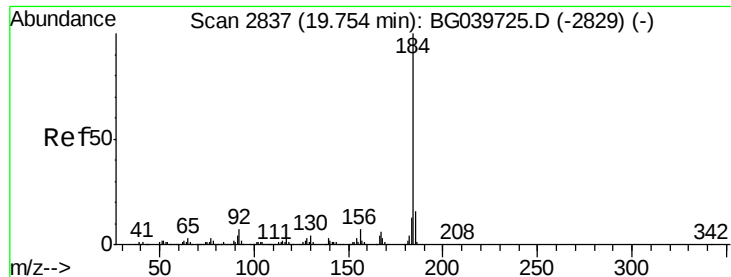
Delta R.T. -0.02 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 8.5   | 7.0        | 10.6  |
| 236     | 26.1  | 21.0       | 31.4  |





#77

Benzidine

Concen: 31.509 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

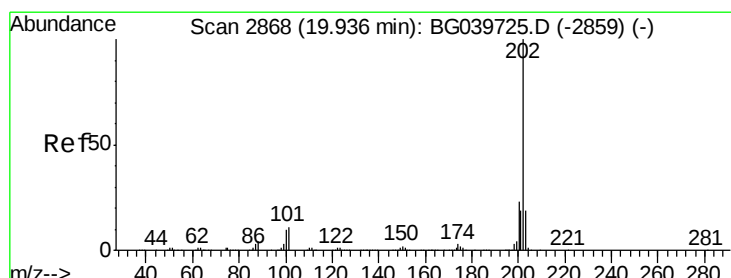
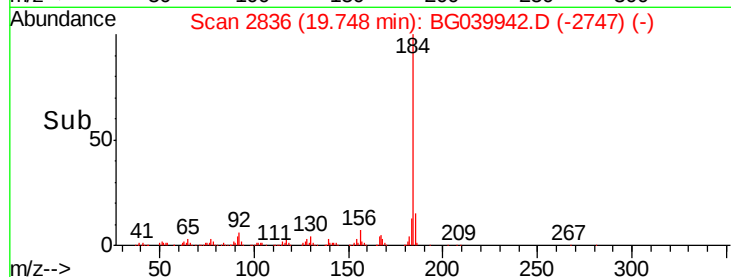
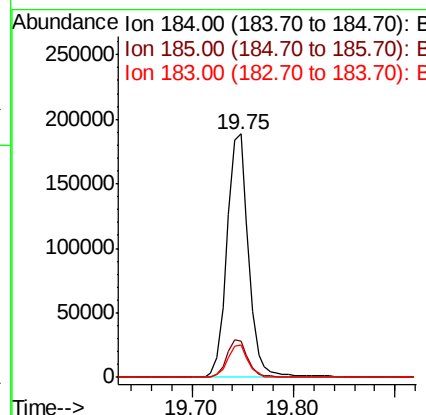
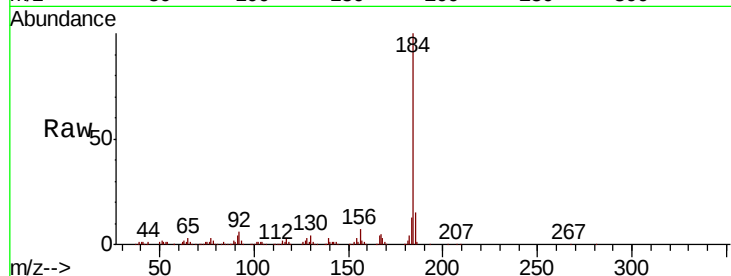
ClientSampleId :

PB117964BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 278578 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.1  | 12.2  | 18.2   |
| 183       | 13.1  | 10.6  | 15.8   |

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#78

Pyrene

Concen: 40.146 ng

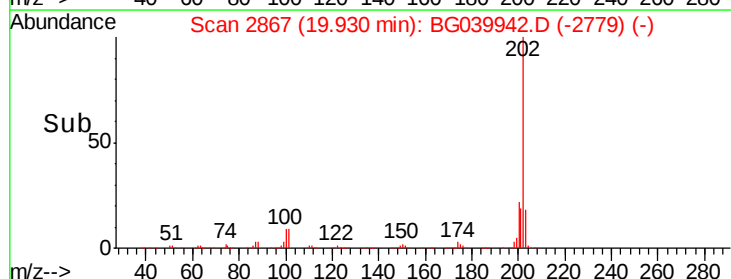
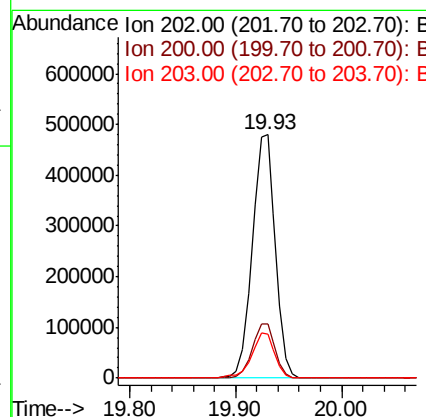
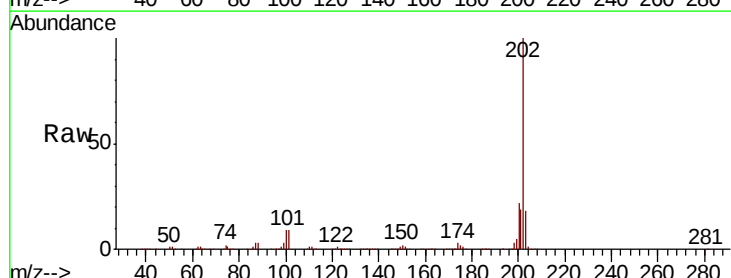
RT: 19.93 min Scan# 2867

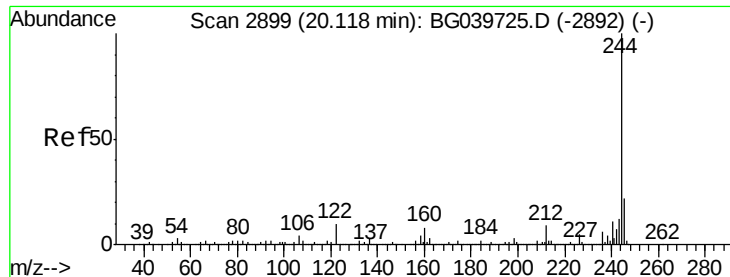
Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 726821 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.5  | 17.8  | 26.8   |
| 203       | 18.0  | 15.3  | 22.9   |





#79

Terphenyl-d14

Concen: 78.787 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

Instrument :

BNA\_G

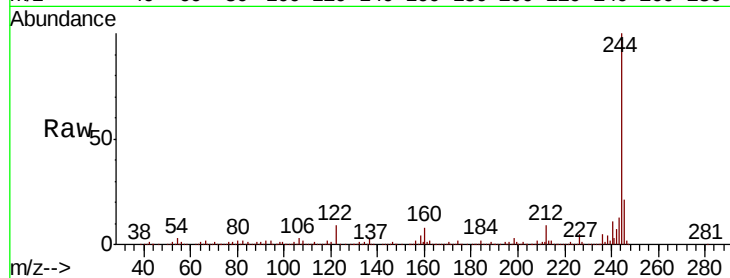
ClientSampled :

PB117964BS

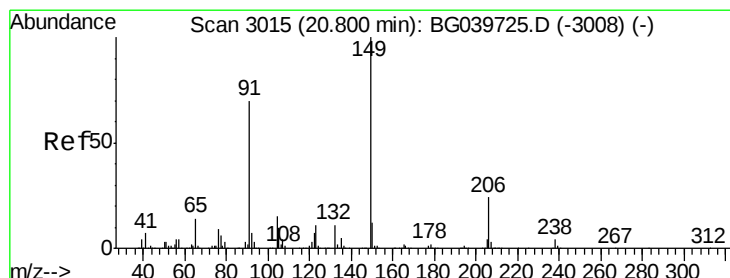
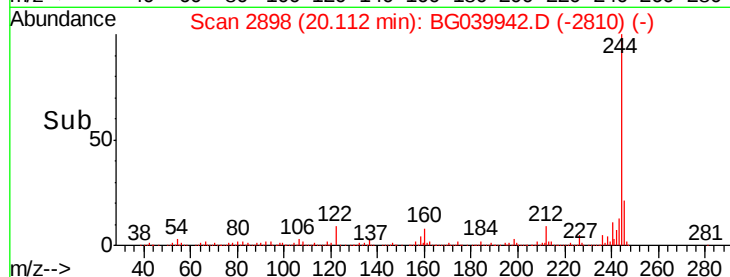
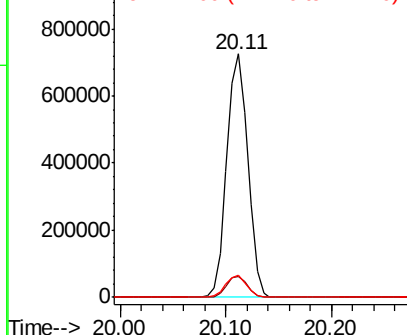
|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 244 | Resp: | 996949 |
| Ion Ratio |     | Lower | Upper  |
| 244       | 100 |       |        |
| 212       | 8.7 | 7.3   | 10.9   |
| 122       | 9.0 | 8.4   | 12.6   |

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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: 43.603 ng

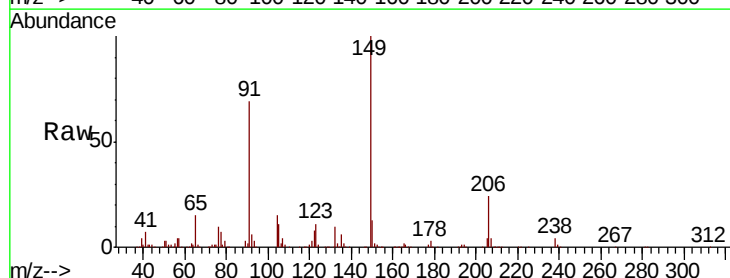
RT: 20.79 min Scan# 3014

Delta R.T. -0.01 min

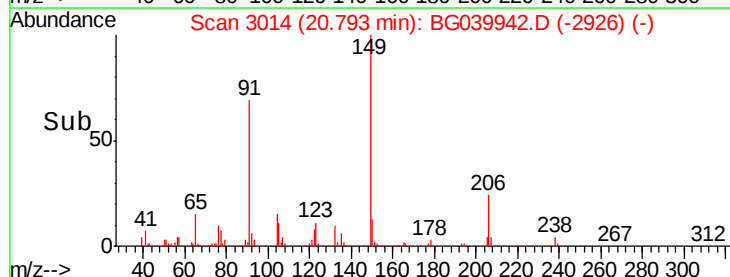
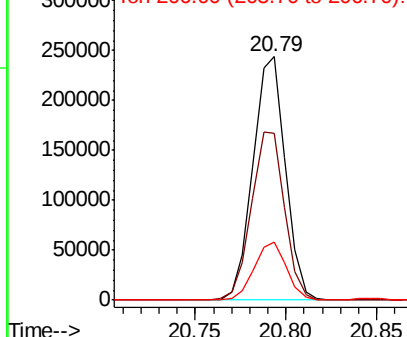
Lab File: BG039942.D

Acq: 15 Mar 2019 15:31

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 305837 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 68.5 | 59.5  | 89.3   |
| 206       | 24.0 | 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





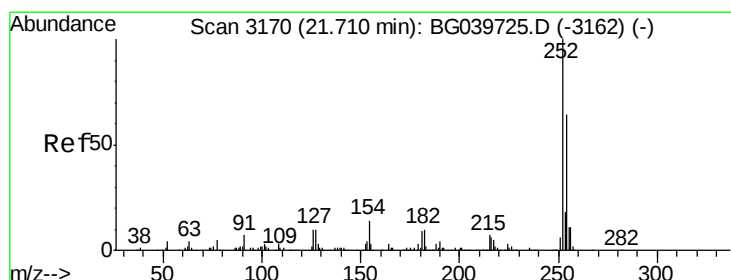
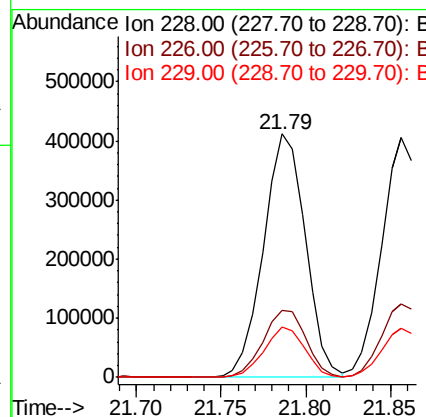
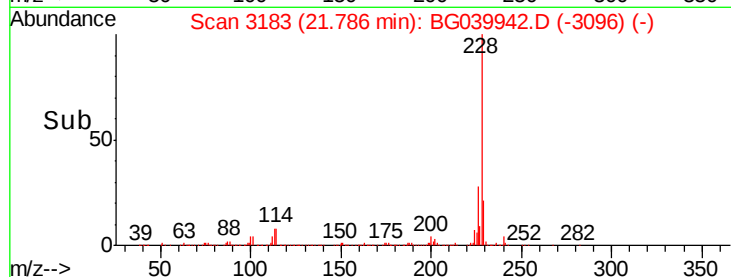
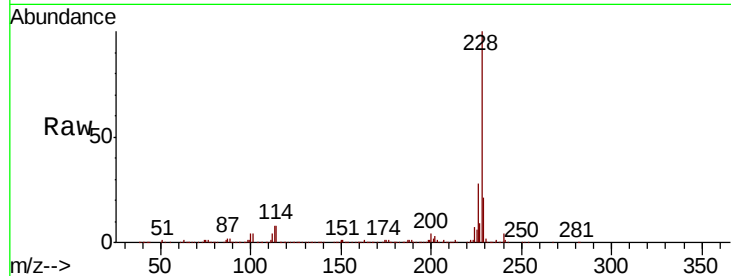
#81  
Benzo(a)anthracene  
Concen: 40.450 ng  
RT: 21.79 min Scan# 3183  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 23.0  | 34.6  |
| 229     | 20.6  | 16.9  | 25.3  |

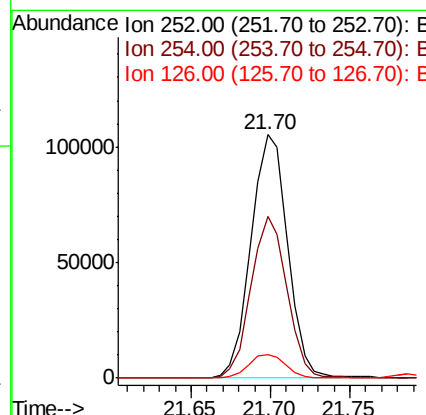
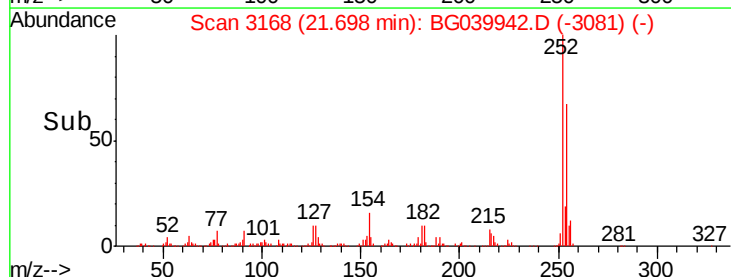
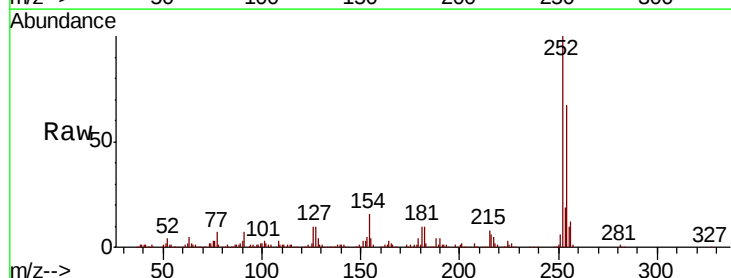
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#82  
3,3'-Dichlorobenzidine  
Concen: 26.504 ng  
RT: 21.70 min Scan# 3168  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.6  | 51.3  | 76.9  |
| 126     | 9.9   | 8.0   | 12.0  |





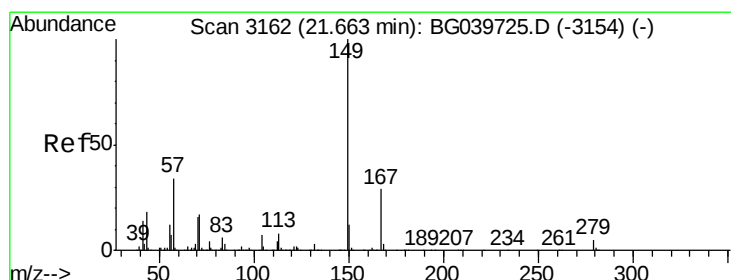
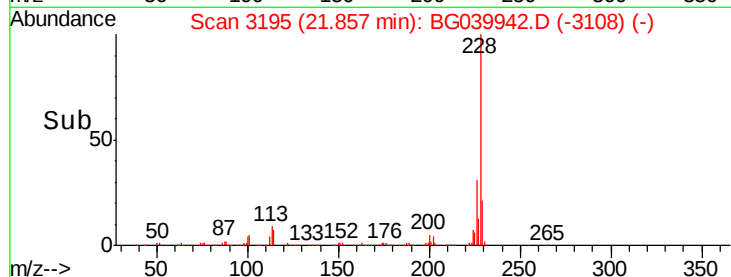
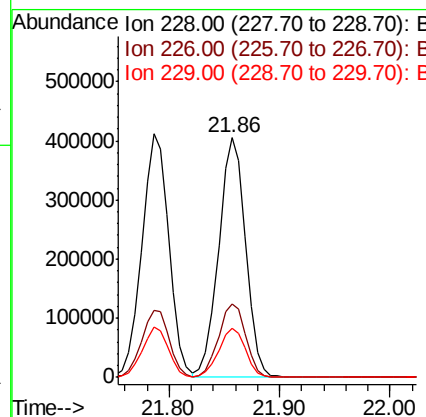
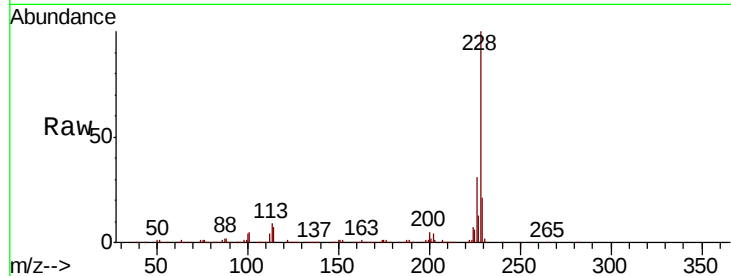
#83  
 Chrysene  
 Concen: 40.326 ng  
 RT: 21.86 min Scan# 3195  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 25.8  | 38.6  |
| 229     | 20.6  | 16.6  | 25.0  |

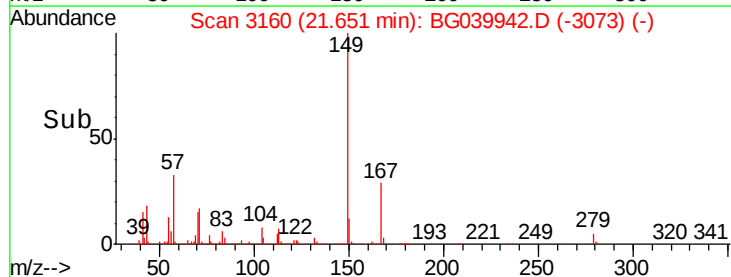
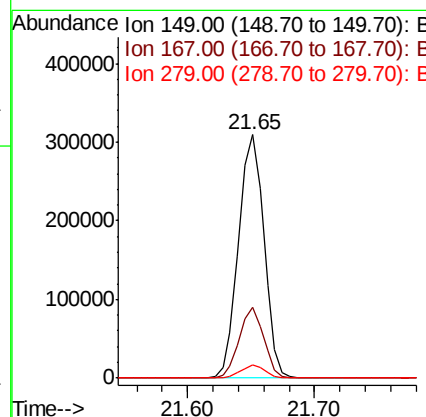
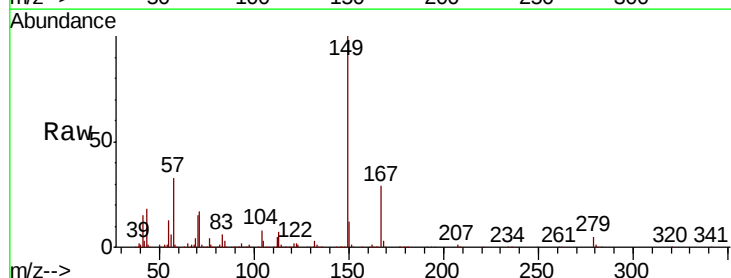
Manual Integrations  
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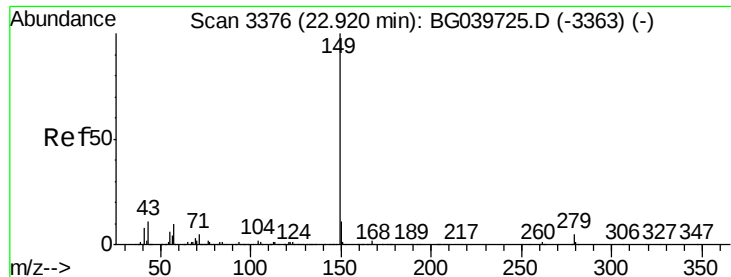
Sohil  
 3/18/2019 3:02:39 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.466 ng  
 RT: 21.65 min Scan# 3160  
 Delta R.T. -0.02 min  
 Lab File: BG039942.D  
 Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.1  | 22.6  | 34.0  |
| 279     | 5.3   | 3.5   | 5.3#  |





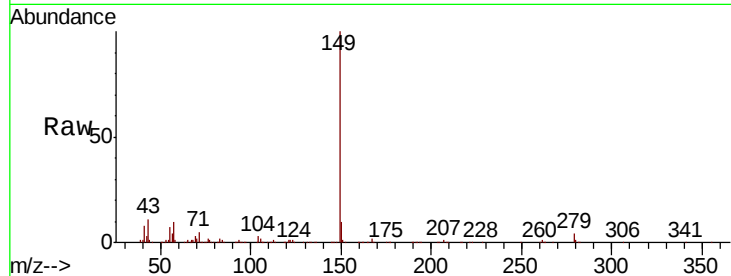
#85  
Di-n-octyl phthalate  
Concen: 45.220 ng  
RT: 22.90 min Scan# 3373  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampled :  
PB117964BS

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

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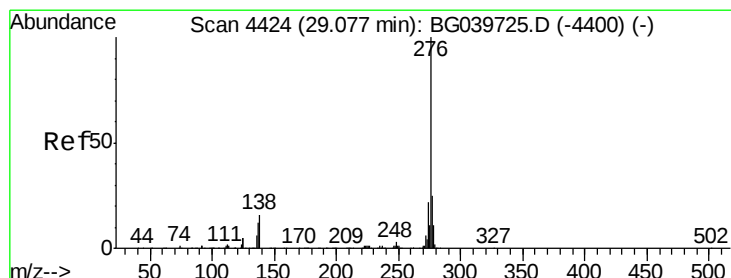
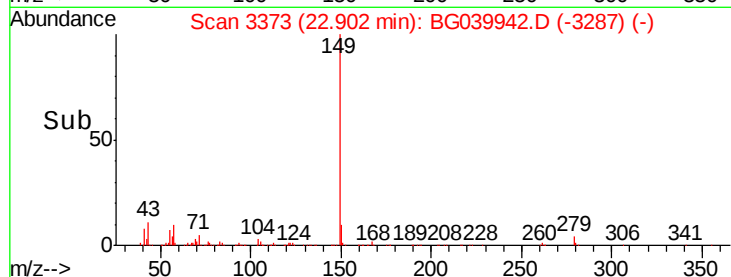
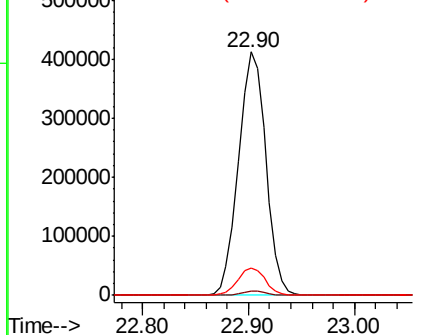


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 42.226 ng  
RT: 29.04 min Scan# 4418  
Delta R.T. -0.05 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

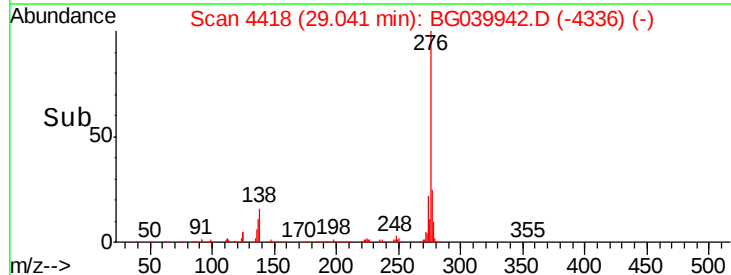
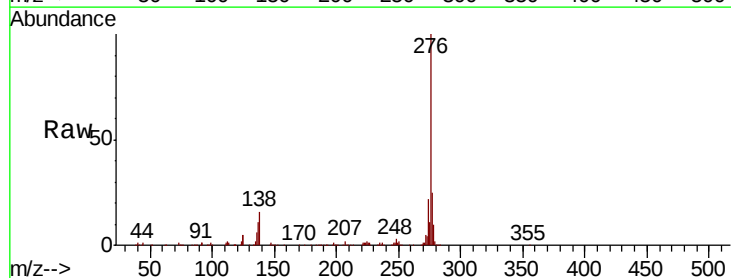
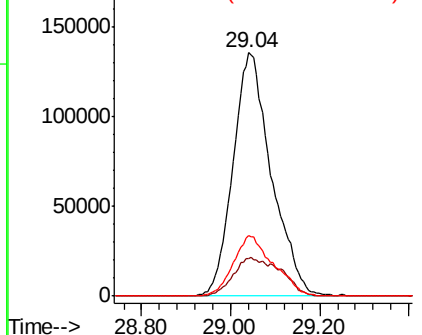
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.6  | 12.6  | 19.0# |
| 277     | 25.9  | 20.8  | 31.2  |

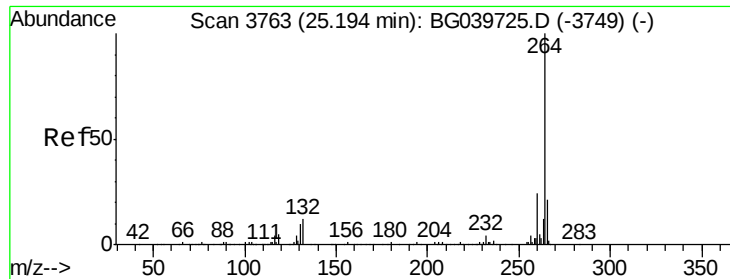
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





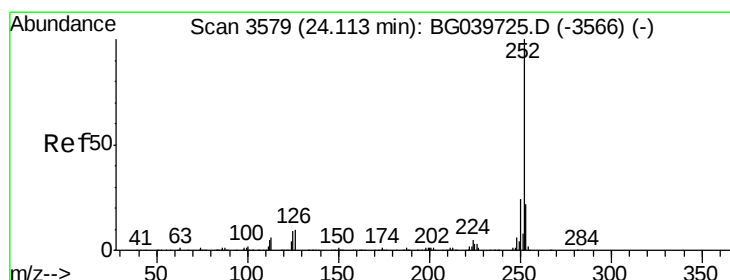
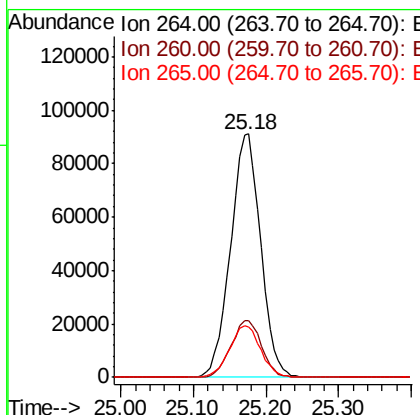
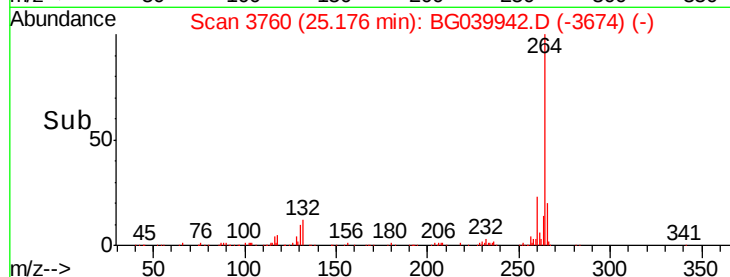
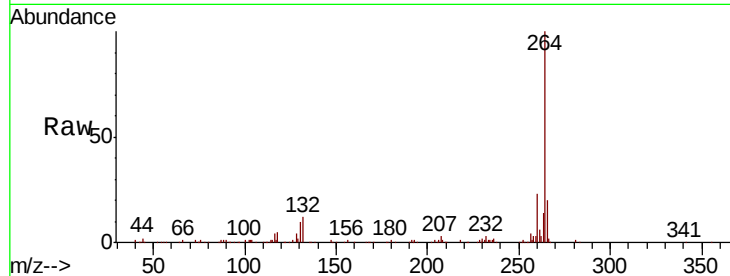
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.18 min Scan# 3760  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 18.2  | 27.4  |
| 265     | 20.4  | 18.5  | 27.7  |

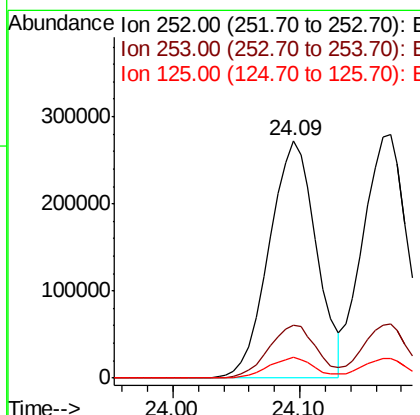
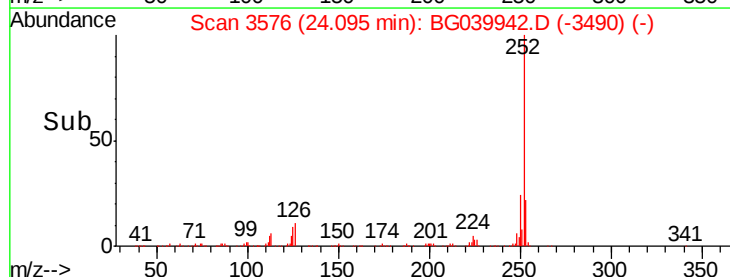
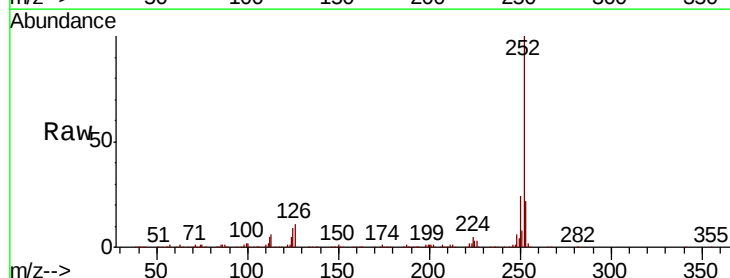
Manual Integrations  
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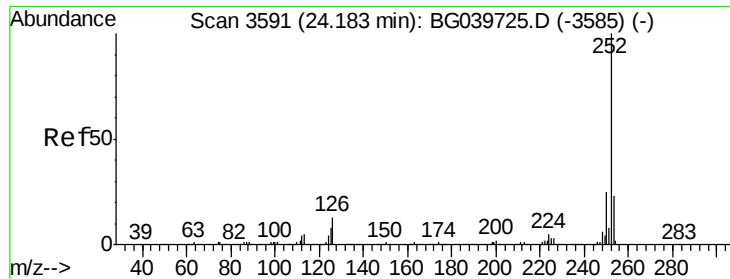
Sohil  
3/18/2019 3:02:39 PM



#88  
Benzo(b)fluoranthene  
Concen: 45.205 ng  
RT: 24.09 min Scan# 3576  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.8  |
| 125     | 8.6   | 7.8   | 11.6  |





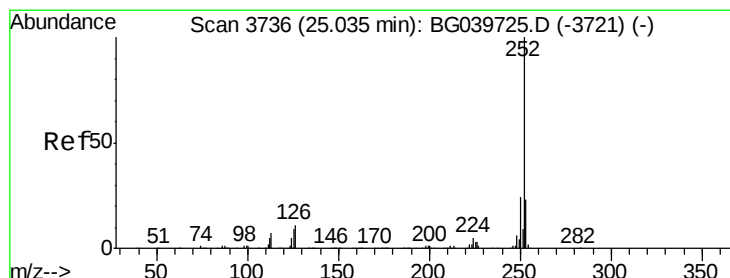
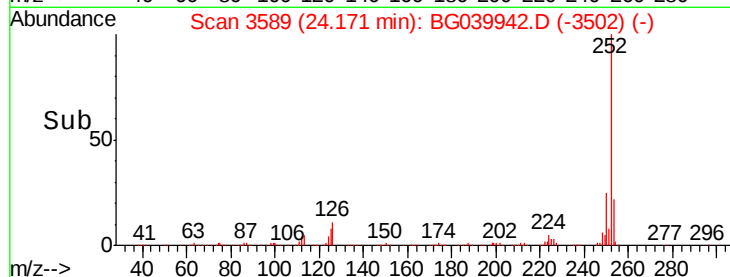
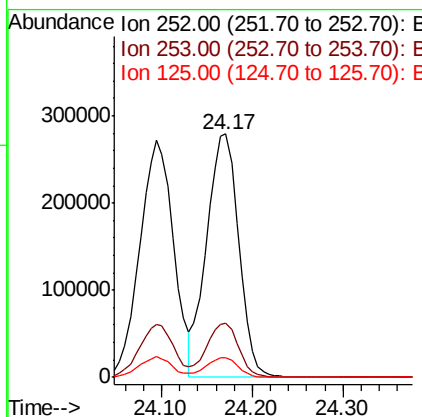
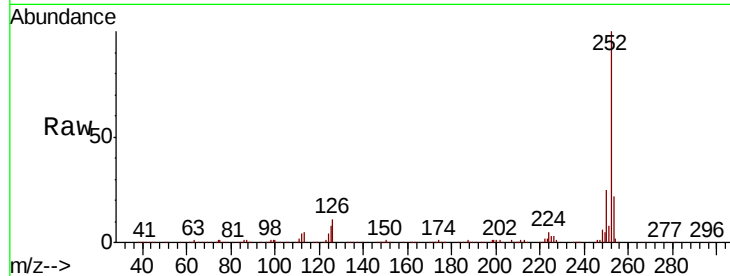
#89  
Benzo(k)fluoranthene  
Concen: 47.097 ng  
RT: 24.17 min Scan# 3589  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.2  | 27.2  |
| 125     | 8.0   | 7.4   | 11.2  |

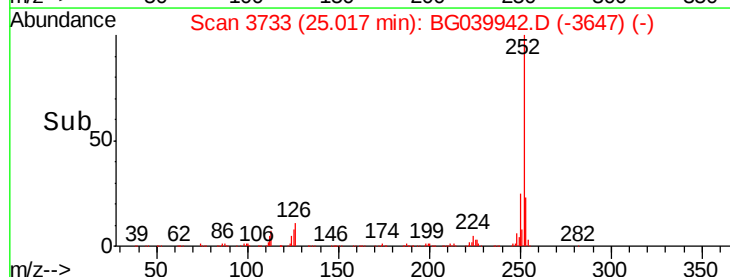
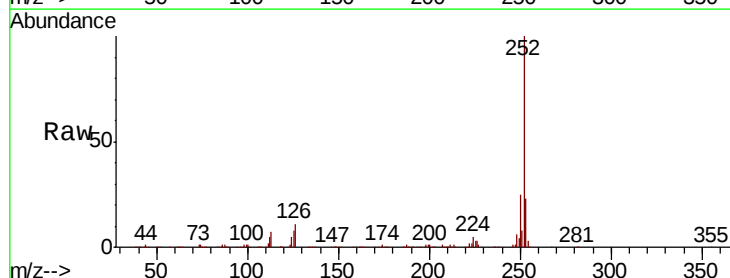
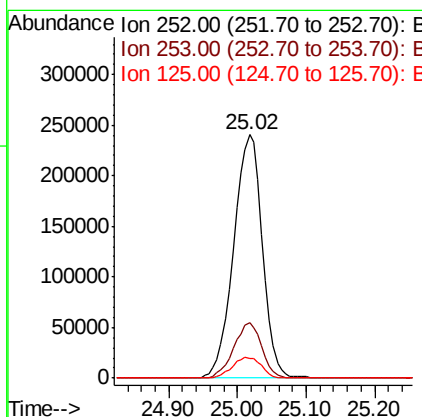
Manual Integrations  
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#90  
Benzo(a)pyrene  
Concen: 48.226 ng  
RT: 25.02 min Scan# 3733  
Delta R.T. -0.02 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.9  | 26.9  |
| 125     | 8.3   | 8.3   | 12.5# |





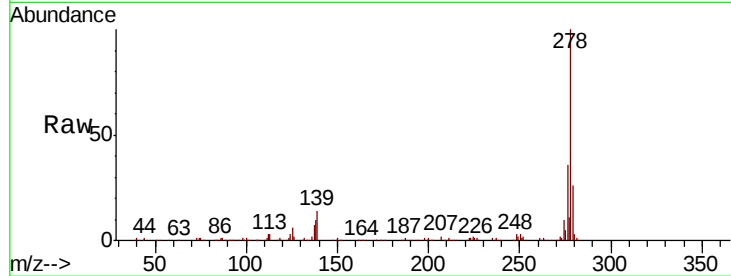
#91  
Dibenzo(a,h)anthracene  
Concen: 46.342 ng  
RT: 29.11 min Scan# 4429  
Delta R.T. -0.05 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB117964BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.1  | 11.7  | 17.5  |
| 279     | 26.0  | 19.1  | 28.7  |

Manual Integrations  
APPROVED

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3/18/2019 3:02:39 PM

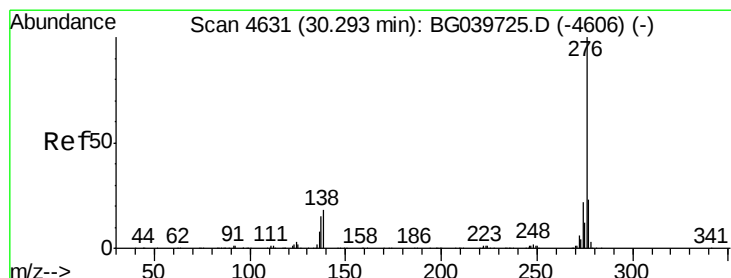
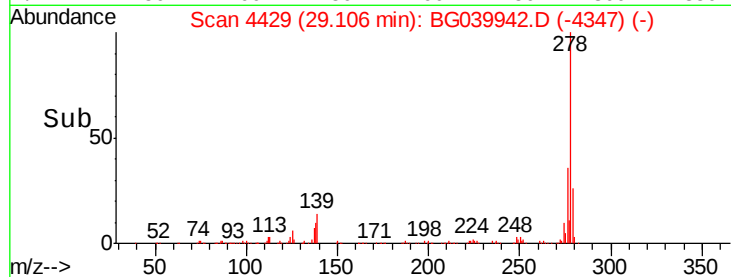
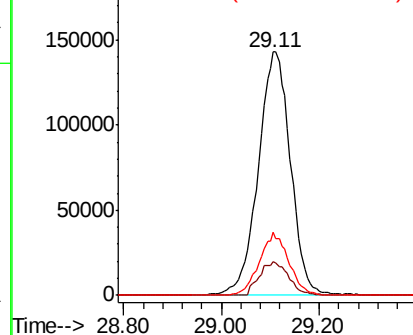


Abundance

Ion 278.00 (277.70 to 278.70): E

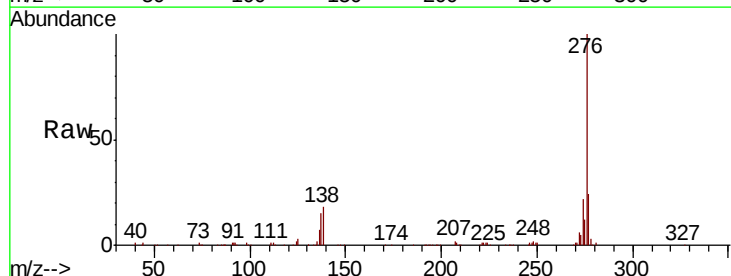
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 46.970 ng  
RT: 30.27 min Scan# 4628  
Delta R.T. -0.04 min  
Lab File: BG039942.D  
Acq: 15 Mar 2019 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 19.6  | 29.4  |
| 138     | 17.9  | 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

