

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\  
 Data File : BG039180.D  
 Acq On : 17 Jan 2019 6:09  
 Operator : JU/SJ  
 Sample : PB116427BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

Manual Integrations  
 APPROVED

Sohil  
 1/17/2019 2:09:25 PM

Quant Time: Jan 17 10:27:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 27657    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.83 | 136  | 124735   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.66 | 164  | 90557    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.41 | 188  | 230333   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.68 | 240  | 233738   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.94 | 264  | 250558   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 187472 | 128.59 | ng | -0.01 |
| 7) Phenol-d6             | 7.18  | 99  | 272173 | 129.72 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 152891 | 67.07  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 144493 | 95.19  | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 434768 | 65.71  | ng | -0.01 |
| 79) Terphenyl-d14        | 20.01 | 244 | 802415 | 63.51  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 16422  | 28.763 | ng | 94     |
| 3) Pyridine                    | 3.85  | 79  | 47689  | 30.740 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.77  | 42  | 25907  | 37.111 | ng | 90     |
| 6) Aniline                     | 7.35  | 93  | 43876  | 17.412 | ng | 95     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 69946  | 40.699 | ng | 98     |
| 9) Benzaldehyde                | 7.16  | 77  | 18894  | 15.615 | ng | 95     |
| 10) Phenol                     | 7.21  | 94  | 92431  | 43.940 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 58700  | 36.511 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 66804  | 32.443 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 67185  | 32.217 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146 | 66686  | 33.538 | ng | 99     |
| 15) Benzyl Alcohol             | 8.26  | 79  | 61843  | 39.139 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 109747 | 35.599 | ng | 98     |
| 17) 2-Methylphenol             | 8.46  | 107 | 63142  | 43.228 | ng | 98     |
| 18) Hexachloroethane           | 9.09  | 117 | 24343  | 34.359 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 49665  | 36.046 | ng | 90     |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 88022  | 42.266 | ng | 96     |
| 22) Acetophenone               | 8.85  | 105 | 100826 | 30.952 | ng | 95     |
| 24) Nitrobenzene               | 9.24  | 77  | 75940  | 32.959 | ng | 98     |
| 25) Isophorone                 | 9.75  | 82  | 147821 | 37.646 | ng | 96     |
| 26) 2-Nitrophenol              | 9.95  | 139 | 41843  | 33.575 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 74838  | 42.683 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 89045  | 37.732 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 82898  | 38.058 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 79195  | 30.259 | ng | 98     |
| 31) Naphthalene                | 10.88 | 128 | 216735 | 34.644 | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 23184m | 26.715 | ng |        |
| 33) 4-Chloroaniline            | 11.00 | 127 | 28826  | 10.298 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 50167  | 27.857 | ng | 96     |
| 35) Caprolactam                | 11.78 | 113 | 28349m | 32.456 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 90079  | 38.665 | ng | 91     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 168924 | 36.015 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.71 | 142 | 164763 | 36.598 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 104403 | 30.698 | ng | 99     |

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 Sample : PB116427BS  
 Misc :  
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Instrument :  
 BNA\_G  
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Manual Integrations  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 106927   | 57.557 | nq    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 74873    | 34.980 | nq    | 93       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 81459    | 36.007 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 232741   | 32.435 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.54 | 162  | 186866   | 32.181 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 58364    | 35.878 | nq    | 98       |
| 49) Acenaphthylene             | 14.39 | 152  | 314167   | 35.996 | nq    | 99       |
| 50) Dimethylphthalate          | 14.11 | 163  | 260465   | 34.037 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.24 | 165  | 59675    | 34.879 | nq    | 91       |
| 52) Acenaphthene               | 14.72 | 154  | 177568   | 33.862 | nq    | 96       |
| 53) 3-Nitroaniline             | 14.58 | 138  | 28325    | 16.320 | nq    | 91       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 27093    | 30.090 | nq    | 98       |
| 55) Dibenzofuran               | 15.06 | 168  | 311467   | 33.631 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 86454    | 69.229 | nq    | 88       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 84482    | 34.418 | nq    | 96       |
| 58) Fluorene                   | 15.71 | 166  | 251183   | 36.032 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 79219    | 37.096 | nq    | 97       |
| 60) Diethylphthalate           | 15.46 | 149  | 269917   | 34.234 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.69 | 204  | 140523   | 31.996 | nq    | 96       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 62215    | 34.410 | nq    | 92       |
| 63) Azobenzene                 | 15.98 | 77   | 218132   | 35.378 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 36159    | 21.190 | nq    | 91       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 233576   | 34.208 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 92305    | 31.175 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 99471    | 30.788 | nq    | 98       |
| 69) Atrazine                   | 16.85 | 200  | 94745    | 32.662 | nq    | 95       |
| 70) Pentachlorophenol          | 17.05 | 266  | 91248    | 48.197 | nq    | 94       |
| 71) Phenanthrene               | 17.45 | 178  | 433780   | 35.630 | nq    | 99       |
| 72) Anthracene                 | 17.54 | 178  | 441909   | 36.711 | nq    | 100      |
| 73) Carbazole                  | 17.82 | 167  | 396950   | 33.404 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 467351   | 35.353 | nq    | 99       |
| 75) Fluoranthene               | 19.46 | 202  | 533969   | 35.379 | nq    | 99       |
| 77) Benzidine                  | 19.64 | 184  | 117648   | 16.456 | nq    | 99       |
| 78) Pyrene                     | 19.82 | 202  | 541944   | 36.382 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 213008   | 37.598 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.66 | 228  | 523501   | 36.792 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 93739    | 16.169 | nq    | 97       |
| 83) Chrysene                   | 21.73 | 228  | 482859   | 35.681 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 300244   | 38.167 | nq    | 96       |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 514088   | 38.648 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.69 | 276  | 583871   | 36.107 | nq    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.90 | 252  | 510749   | 36.969 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.97 | 252  | 510124m  | 37.345 | nq    |          |
| 90) Benzo(a)pyrene             | 24.79 | 252  | 504344   | 37.767 | nq    | # 97     |
| 91) Dibenzo(a,h)anthracene     | 28.75 | 278  | 485400   | 36.543 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.87 | 276  | 489945   | 37.259 | nq    | # 94     |

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

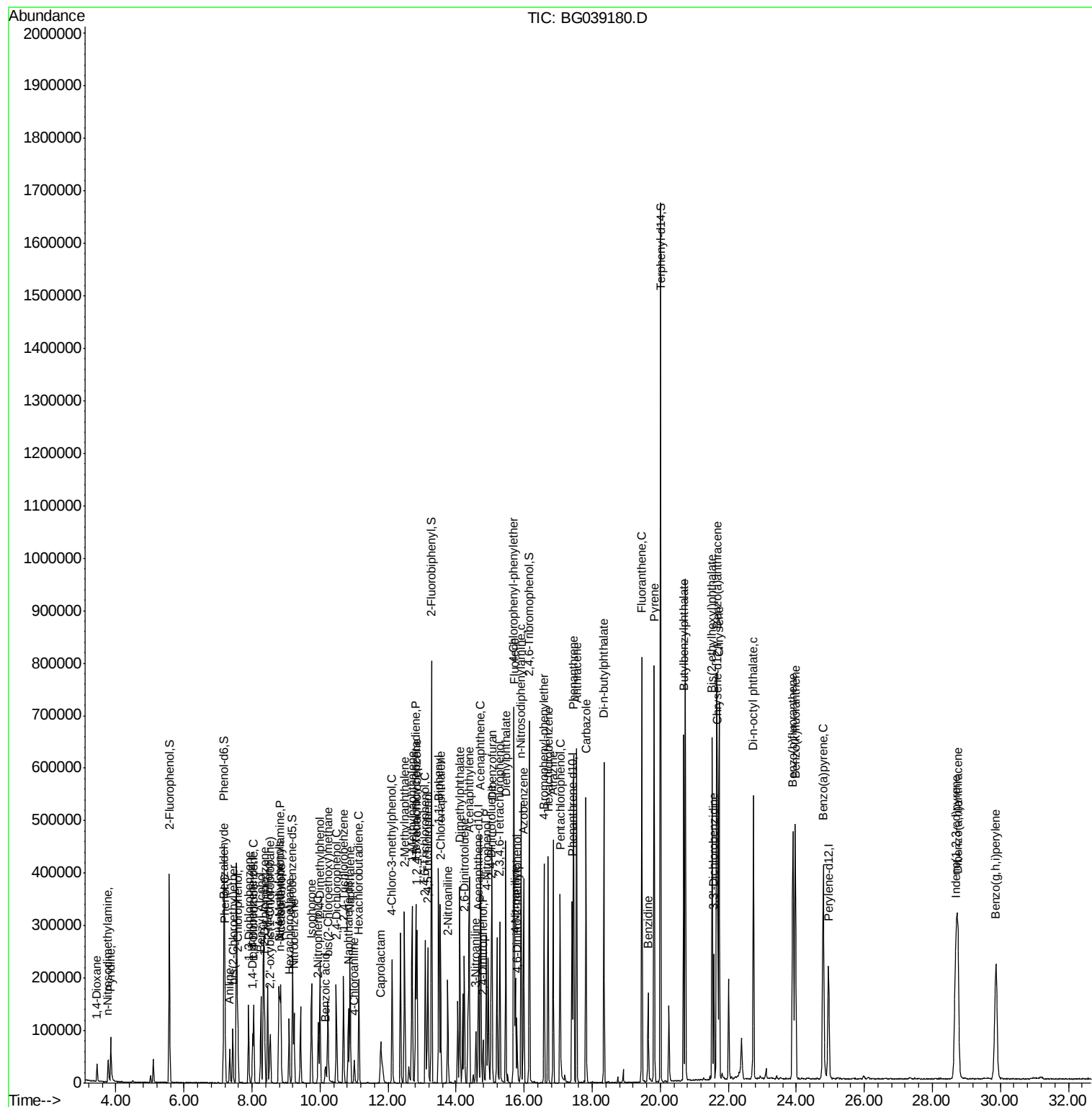
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\  
 Data File : BG039180.D  
 Acq On : 17 Jan 2019 6:09  
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 Sample : PB116427BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

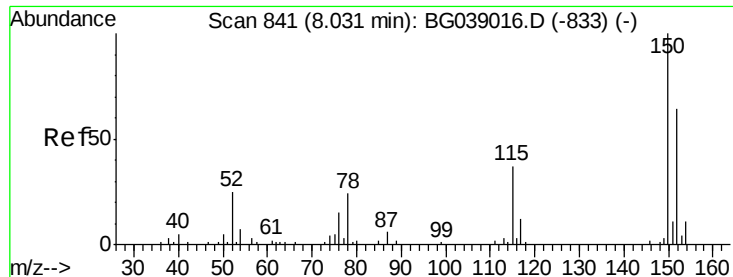
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

Manual Integrations  
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Quant Time: Jan 17 10:27:21 2019  
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#1

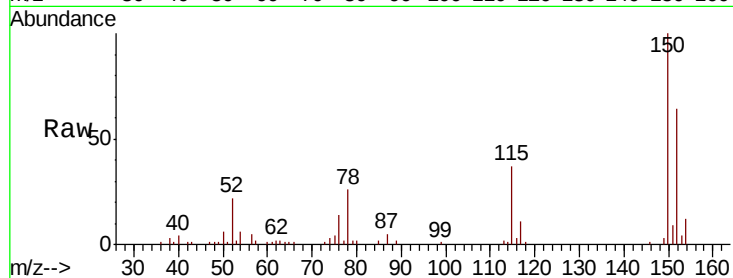
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 838  
Delta R.T. -0.02 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.4 | 124.7 | 187.1 |
| 115     | 56.9  | 46.5  | 69.7  |

Manual Integrations  
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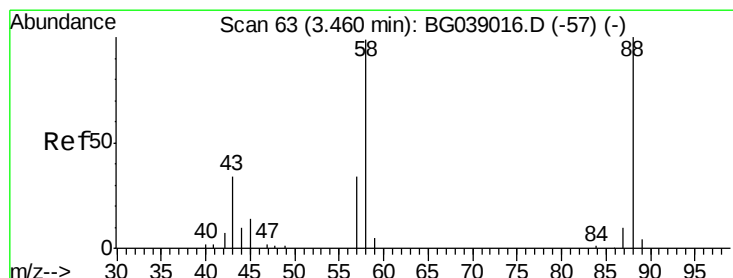
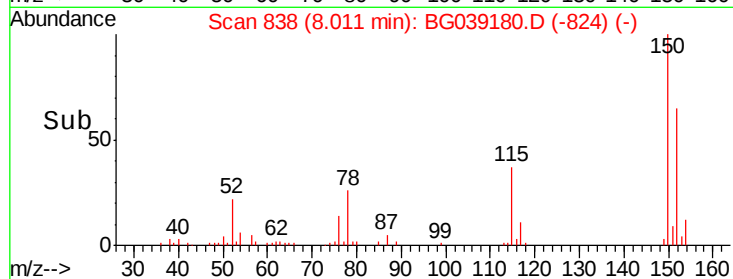
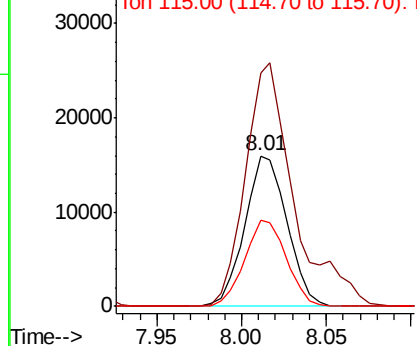


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

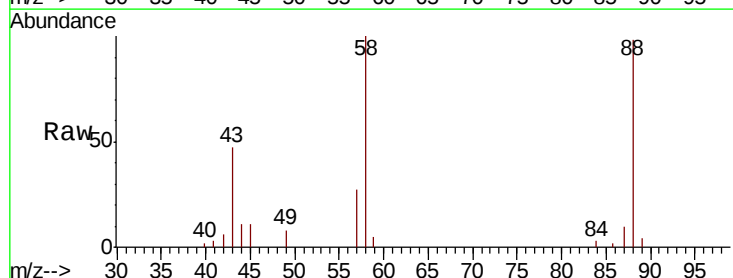
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 28.763 ng  
RT: 3.44 min Scan# 60  
Delta R.T. -0.02 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 94.8  | 72.4  | 108.6 |
| 43      | 28.9  | 27.6  | 41.4  |

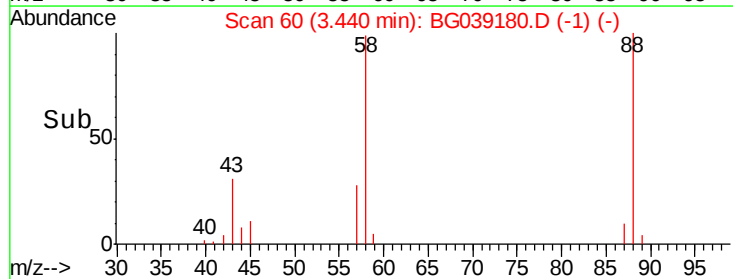
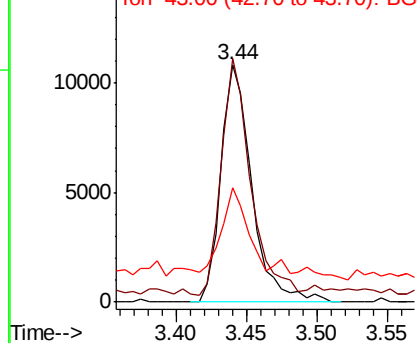


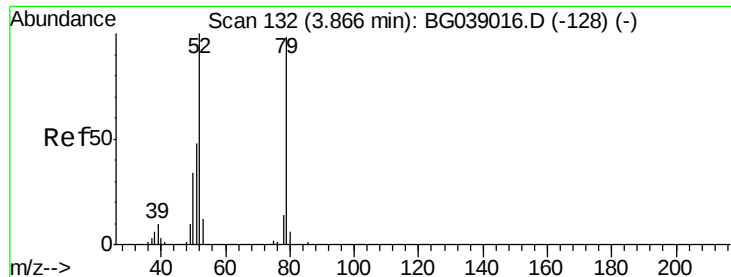
Abundance

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: 30.740 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

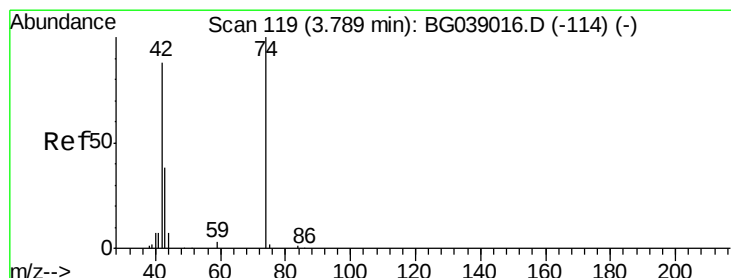
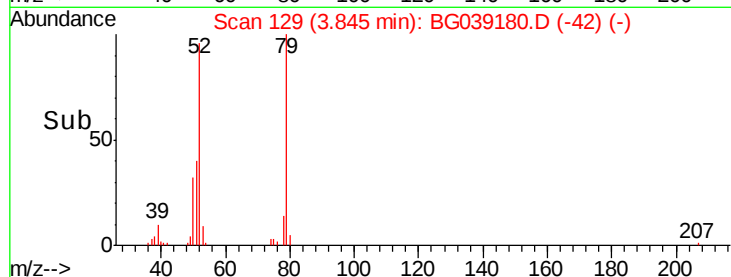
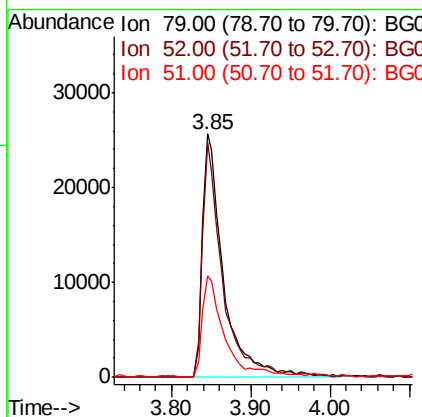
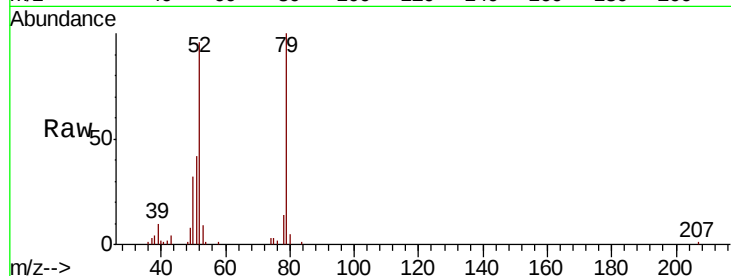
ClientSampleId :

PB116427BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 47689 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 96.4  | 81.5  | 122.3 |
| 51       | 41.6  | 39.8  | 59.6  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.111 ng

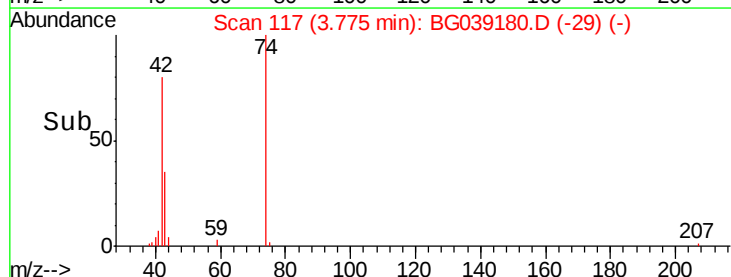
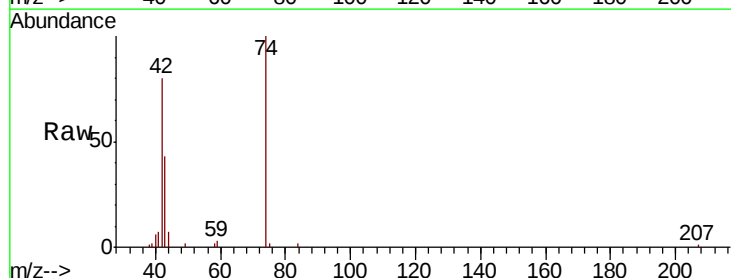
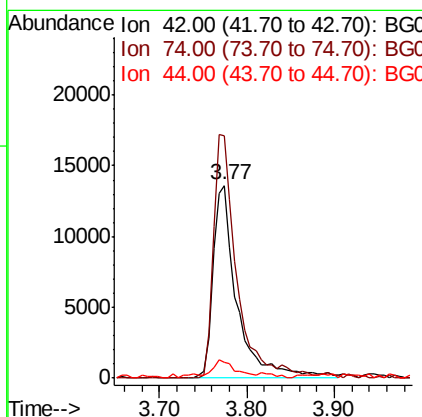
RT: 3.77 min Scan# 117

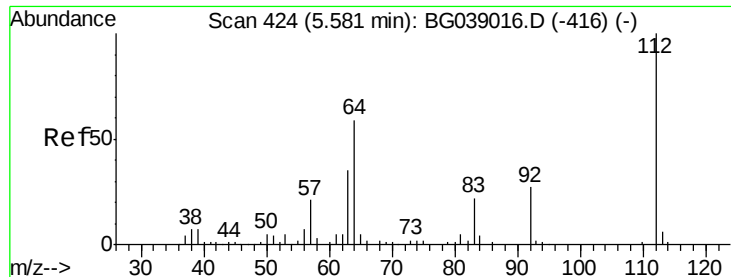
Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 25907 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 125.4 | 90.7  | 136.1 |
| 44       | 8.2   | 6.5   | 9.7   |





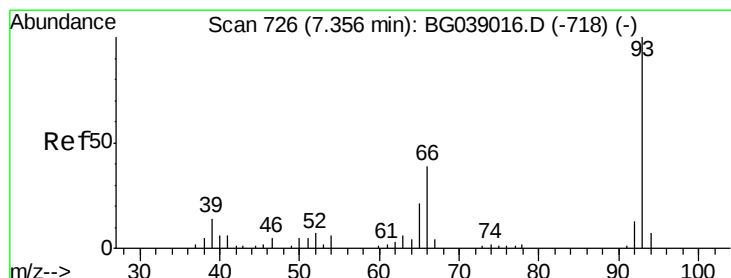
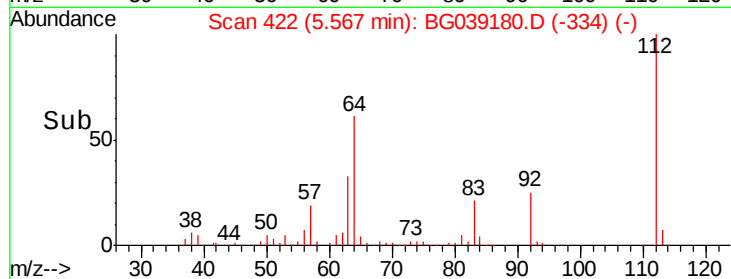
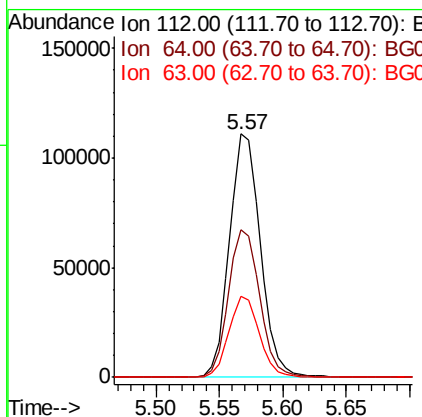
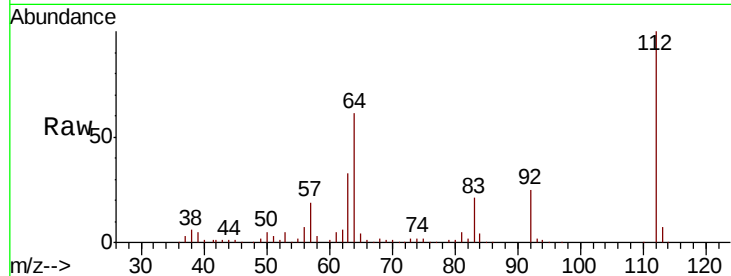
#5  
2-Fluorophenol  
Concen: 128.586 ng  
RT: 5.57 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampled :  
PB116427BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 187472 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 60.6  | 47.0  | 70.6   |
| 63        | 33.5  | 28.0  | 42.0   |

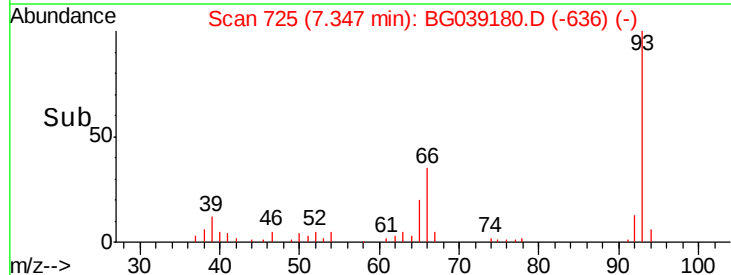
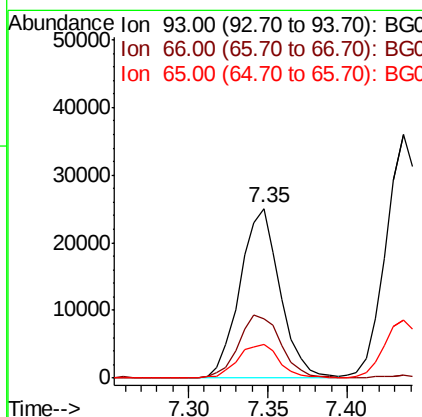
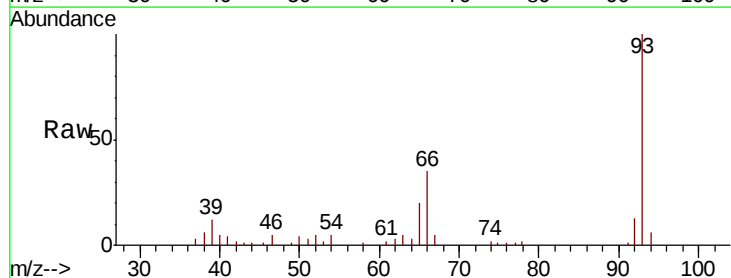
Manual Integrations  
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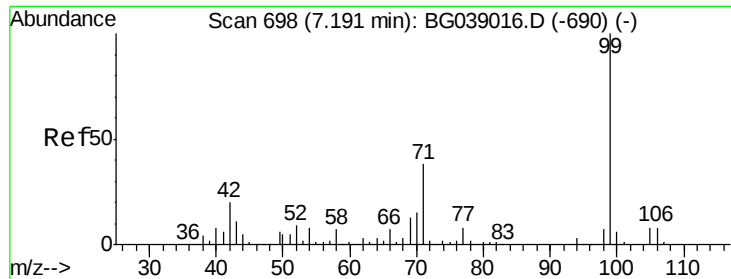
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#6  
Aniline  
Concen: 17.412 ng  
RT: 7.35 min Scan# 725  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 43876 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 35.0  | 30.9  | 46.3  |
| 65        | 19.8  | 17.0  | 25.4  |





#7

Phenol-d6

Concen: 129.719 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

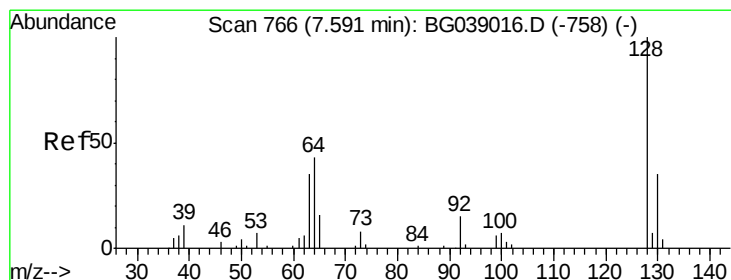
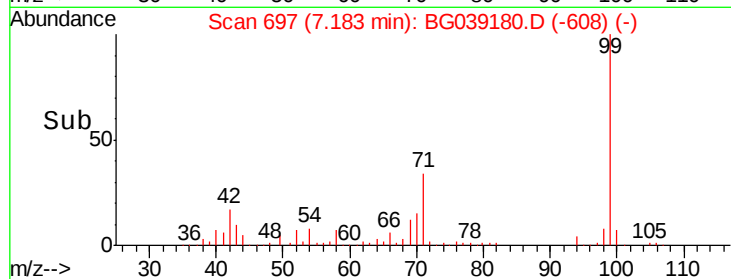
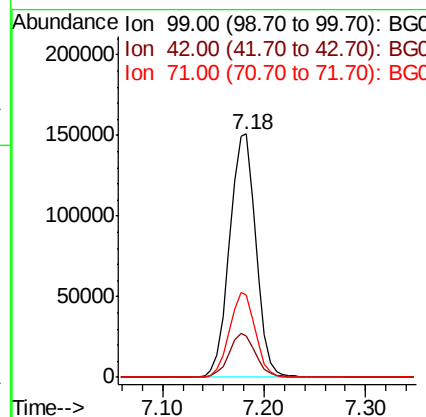
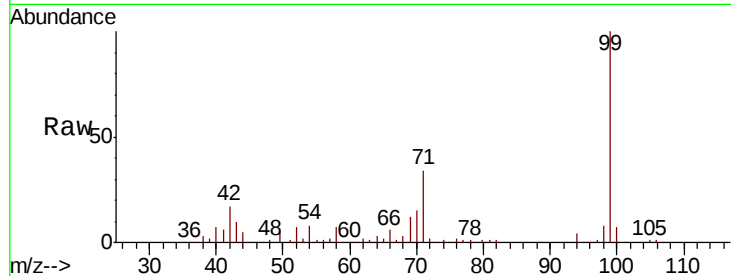
ClientSampleId :

PB116427BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 272173 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.9  | 15.8  | 23.6   |
| 71        | 33.7  | 30.2  | 45.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.699 ng

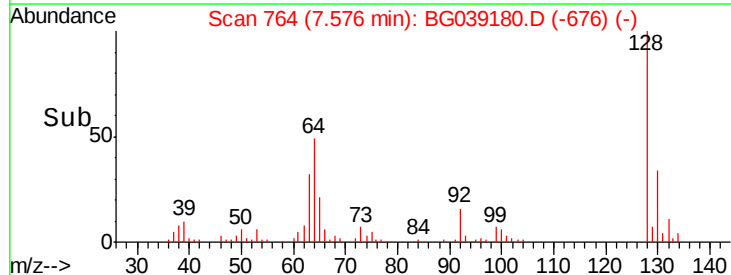
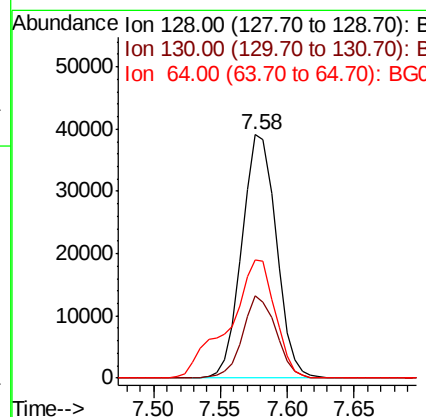
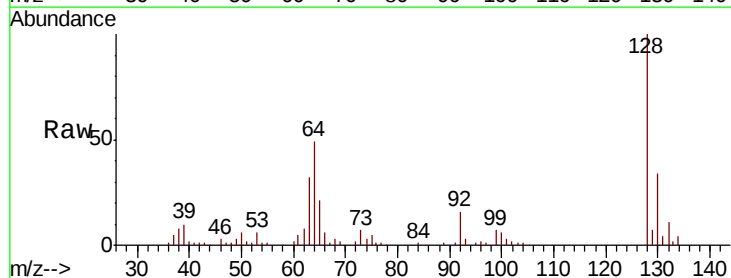
RT: 7.58 min Scan# 764

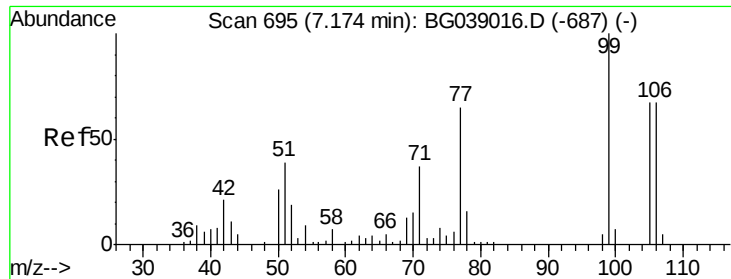
Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 69946 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.7  | 14.5  | 54.5  |
| 64        | 48.6  | 27.3  | 67.3  |





#9

Benzaldehyde

Concen: 15.615 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

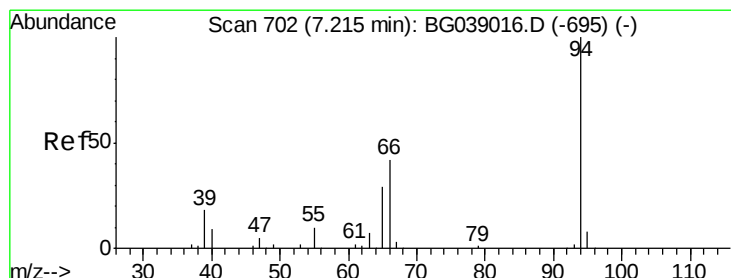
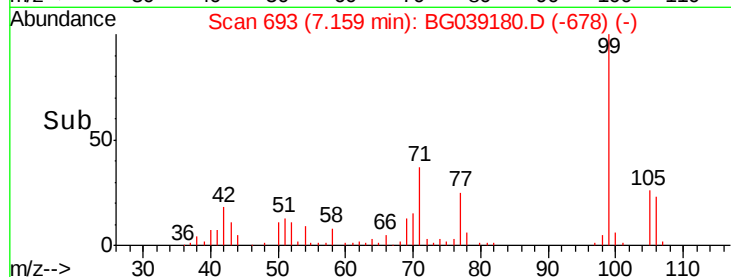
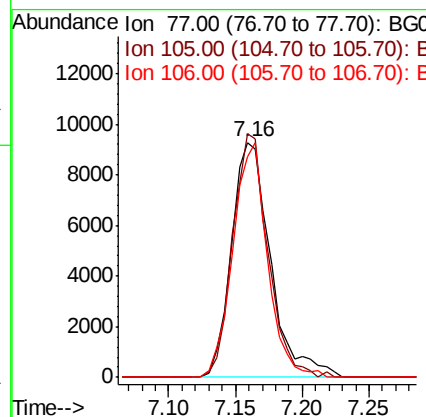
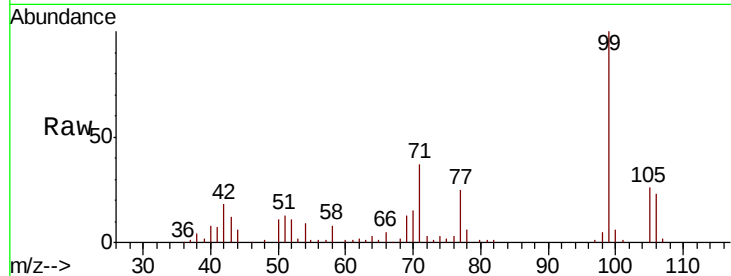
ClientSampled :

PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 103.6 | 82.4  | 122.4 |
| 106     | 93.7  | 82.8  | 122.8 |

Manual Integrations  
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#10

Phenol

Concen: 43.940 ng

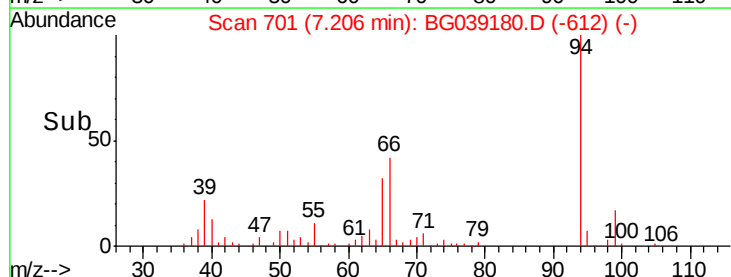
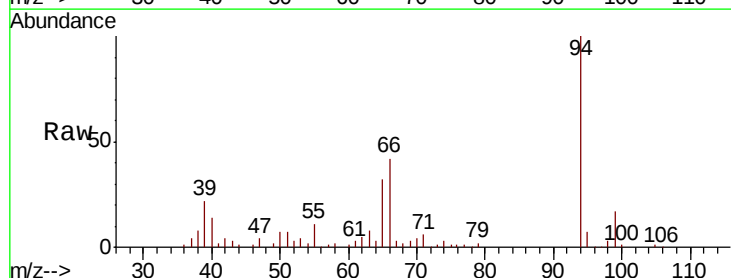
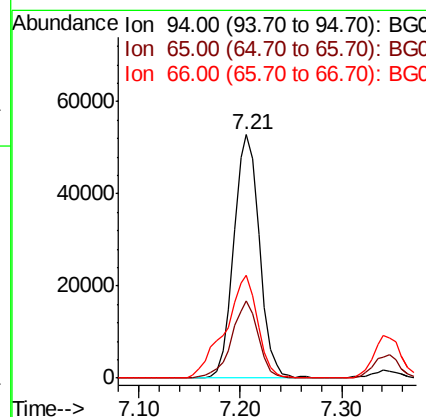
RT: 7.21 min Scan# 701

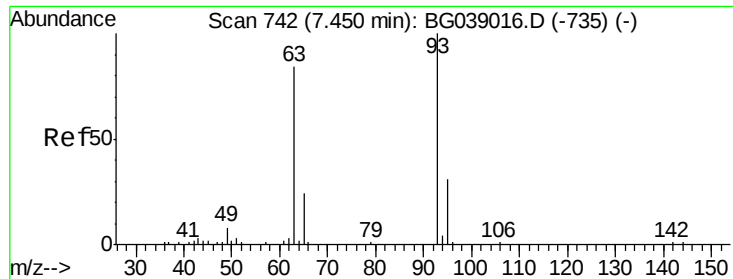
Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 31.9  | 10.3  | 50.3  |
| 66      | 42.5  | 25.1  | 65.1  |





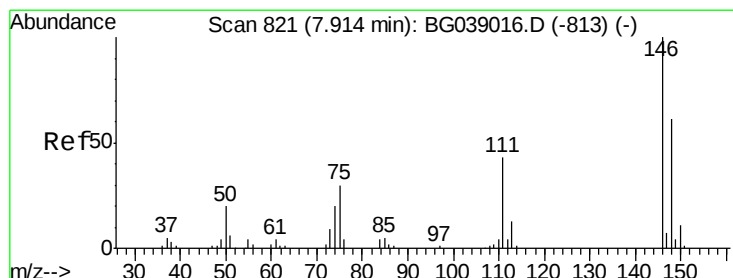
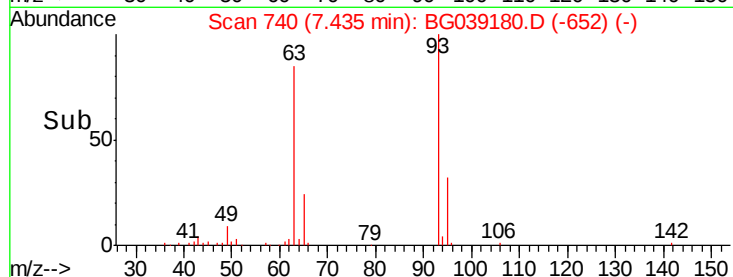
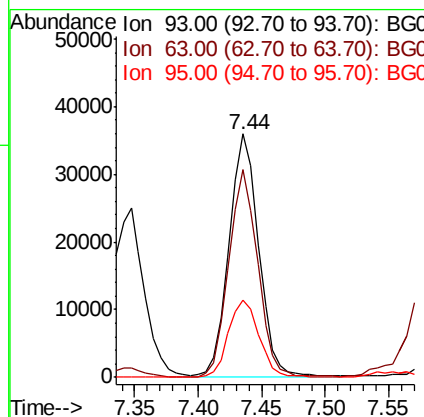
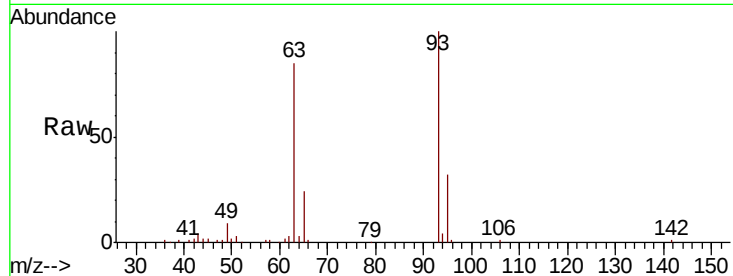
#11  
bis(2-Chloroethyl)ether  
Concen: 36.511 ng  
RT: 7.44 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 85.1  | 63.2  | 103.2 |
| 95      | 31.5  | 11.2  | 51.2  |

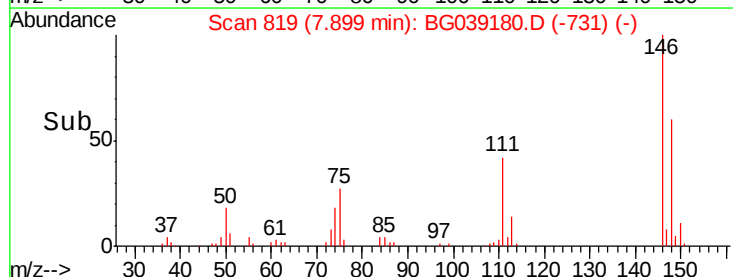
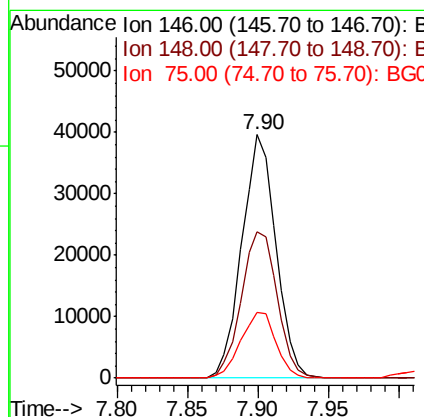
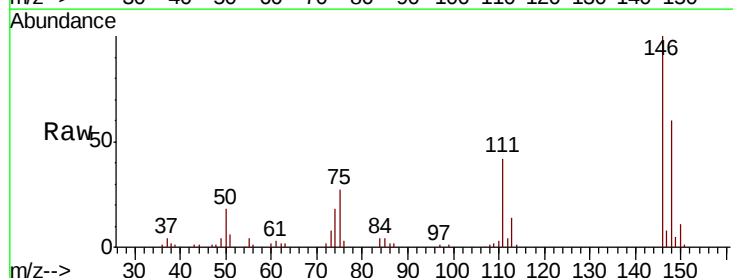
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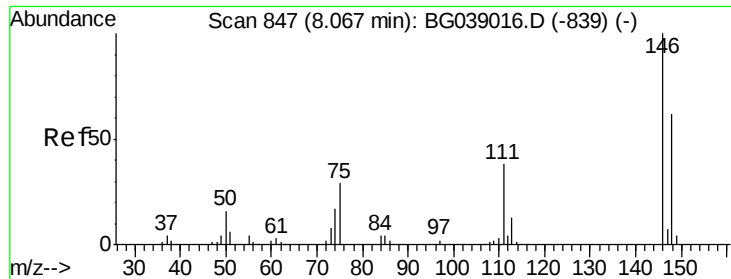
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#12  
1,3-Dichlorobenzene  
Concen: 32.443 ng  
RT: 7.90 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.1  | 49.1  | 73.7  |
| 75      | 27.0  | 23.9  | 35.9  |





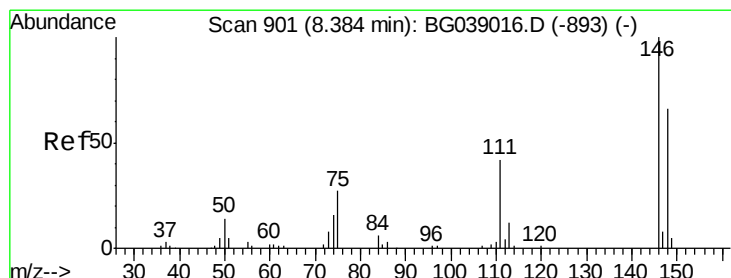
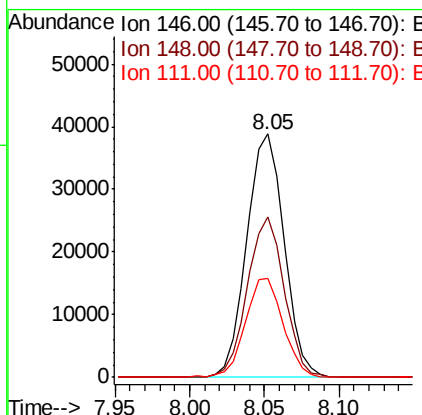
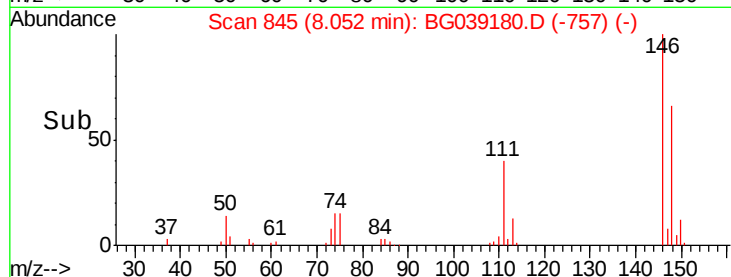
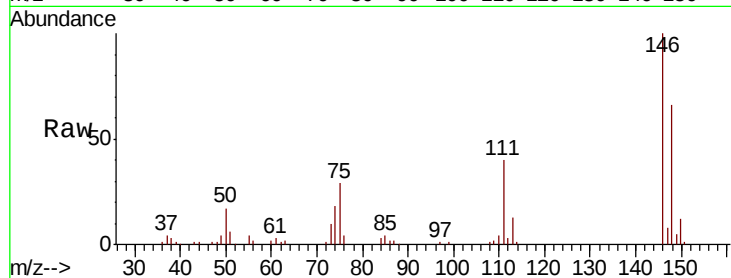
#13  
 1,4-Dichlorobenzene  
 Concen: 32.217 ng  
 RT: 8.05 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 49.8  | 74.6  |
| 111     | 40.4  | 30.6  | 45.8  |

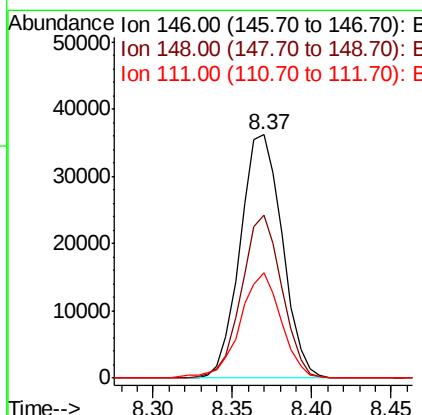
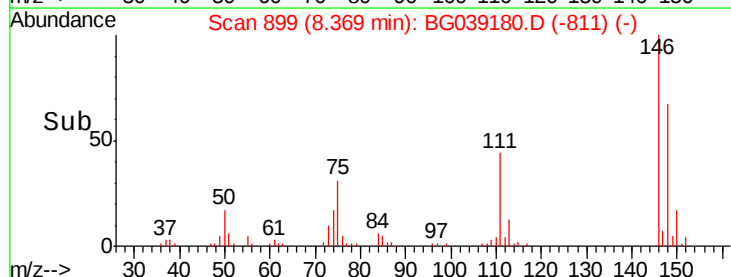
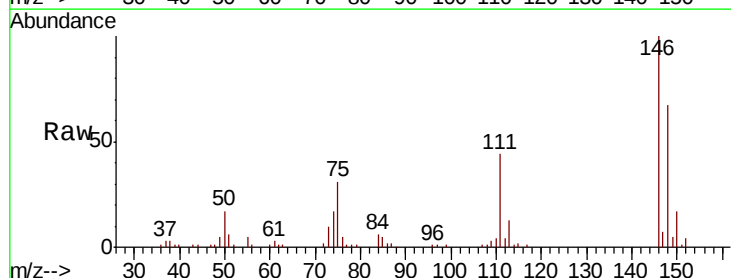
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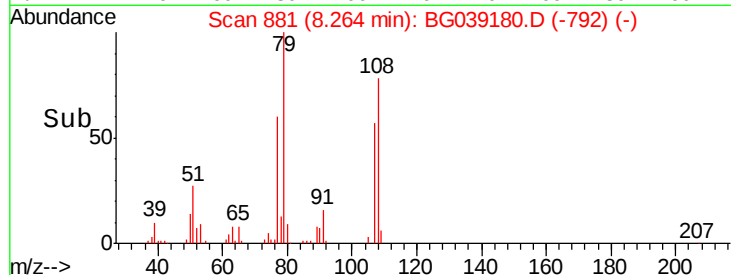
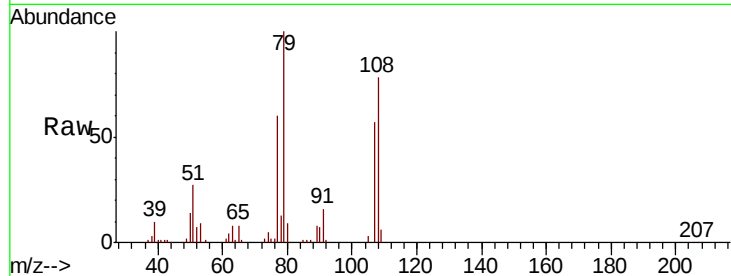
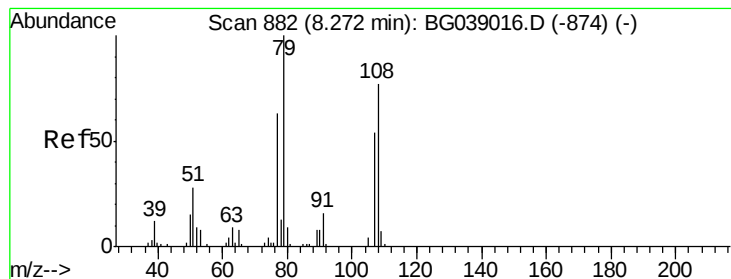
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#14  
 1,2-Dichlorobenzene  
 Concen: 33.538 ng  
 RT: 8.37 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.8  | 52.6  | 79.0  |
| 111     | 43.5  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 39.139 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 61843 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 77.6  | 62.0  | 93.0  |
| 77        | 59.6  | 50.1  | 75.1  |

Instrument :

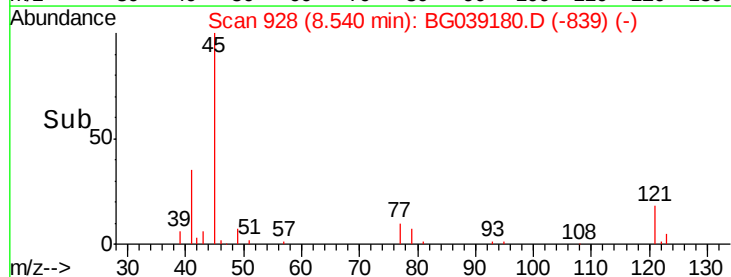
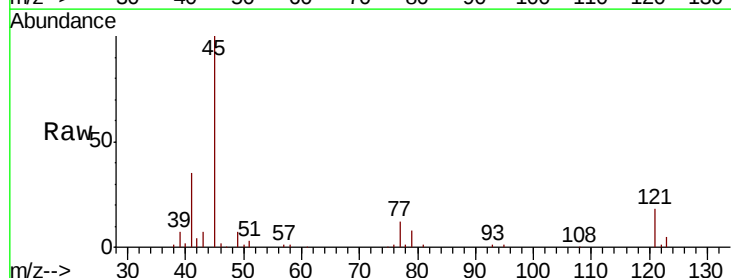
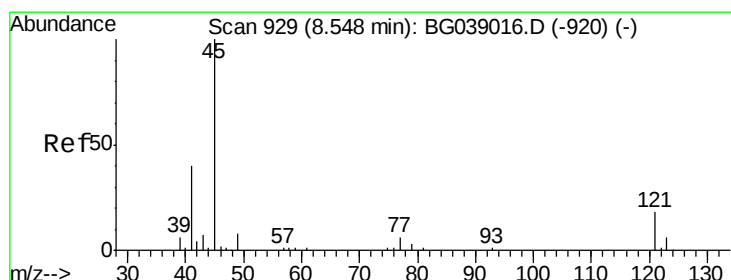
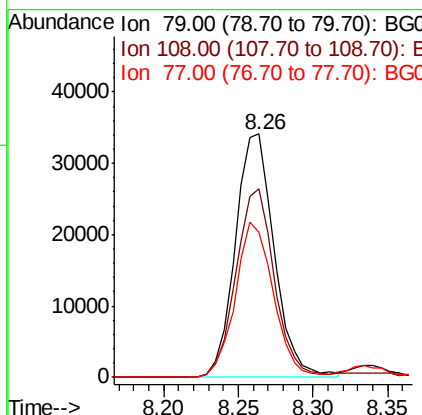
BNA\_G

ClientSampleId :

PB116427BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.599 ng

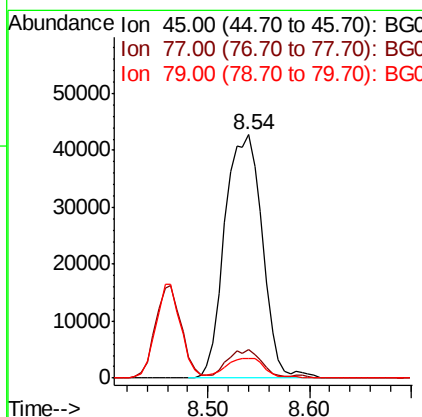
RT: 8.54 min Scan# 928

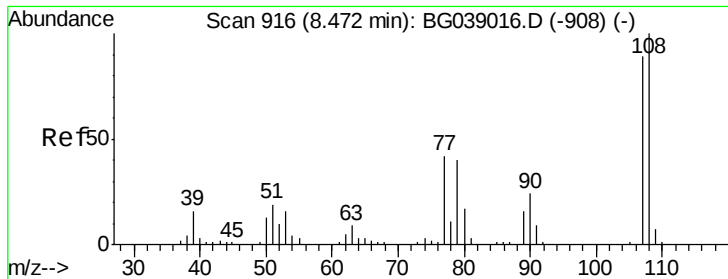
Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 109747 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.6  | 0.0   | 30.7   |
| 79        | 8.3   | 0.0   | 28.5   |





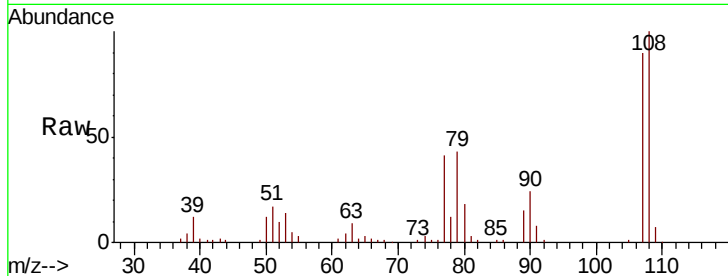
#17  
2-Methylphenol  
Concen: 43.228 ng  
RT: 8.46 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.5 | 90.3  | 135.5 |
| 77      | 45.6  | 38.3  | 57.5  |
| 79      | 47.5  | 35.8  | 53.6  |

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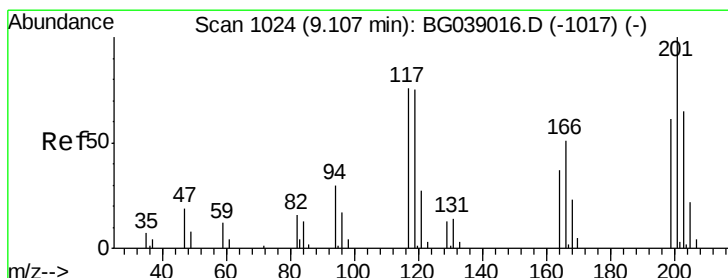
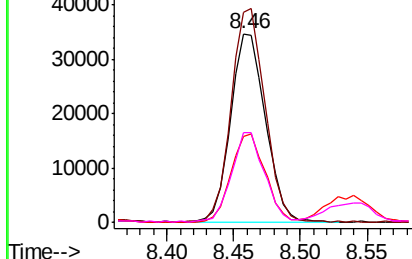
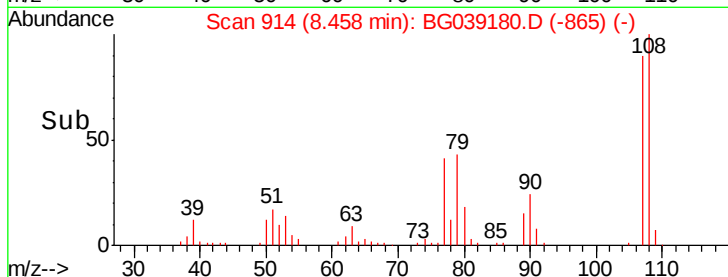
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

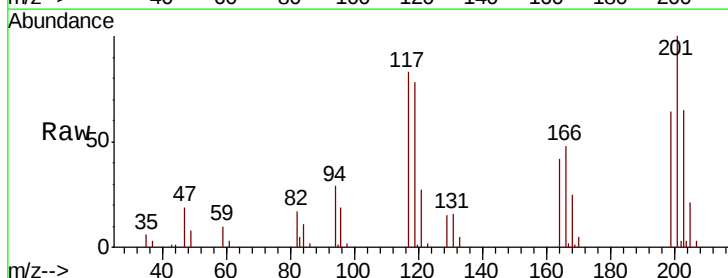
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 34.359 ng  
RT: 9.09 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 78.7  | 118.1 |
| 201     | 120.5 | 108.1 | 162.1 |

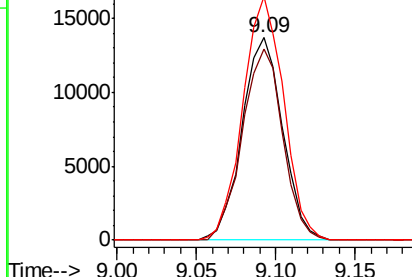
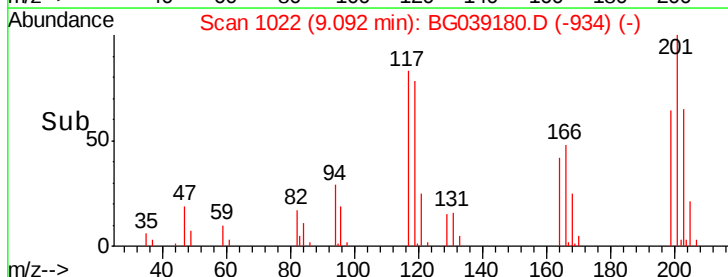


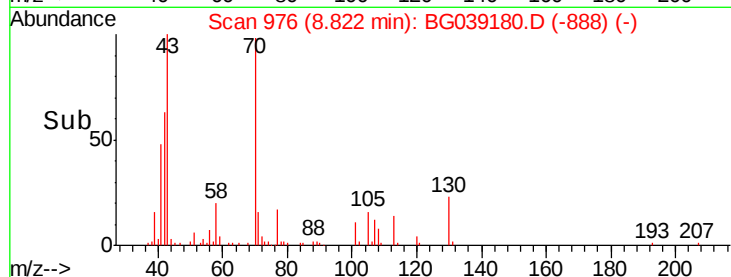
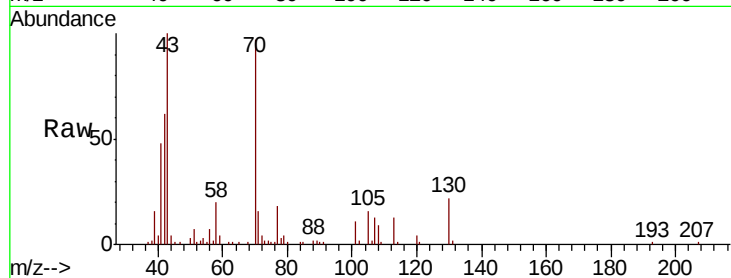
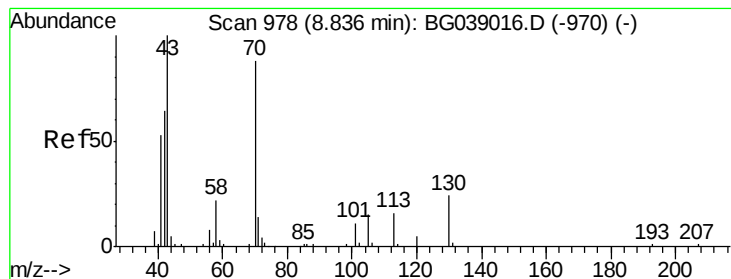
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.046 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

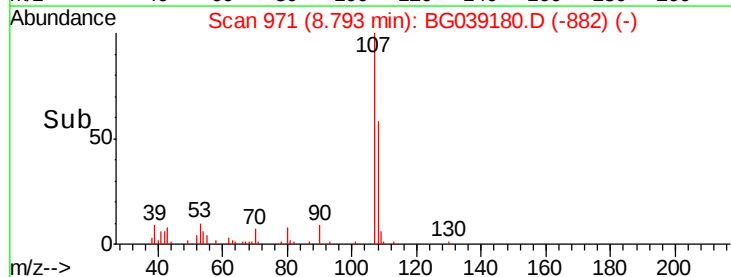
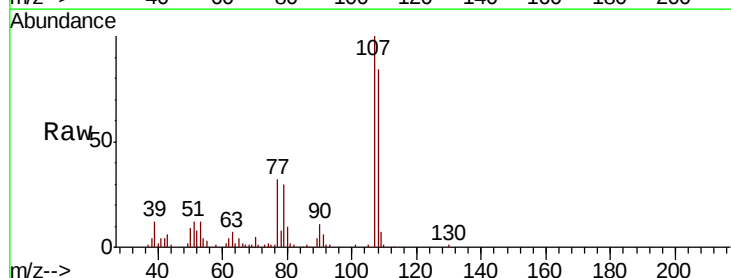
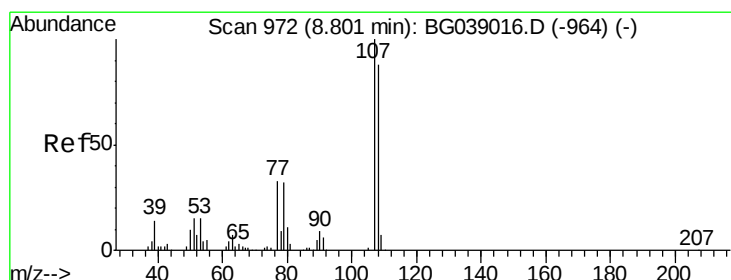
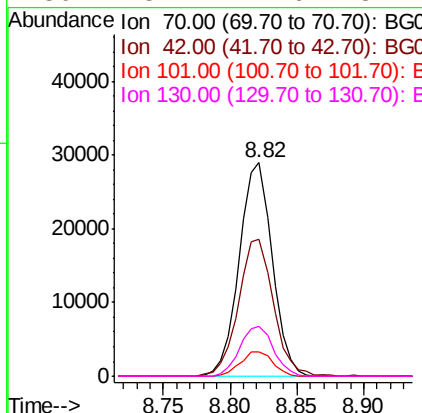
ClientSampleId :

PB116427BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       | 49665 |       |       |
| 42      | 64.0 | 59.0  | 88.4  |       |       |
| 101     | 11.2 | 10.4  | 15.6  |       |       |
| 130     | 23.1 | 21.6  | 32.4  |       |       |

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#20

3+4-Methylphenols

Concen: 42.266 ng

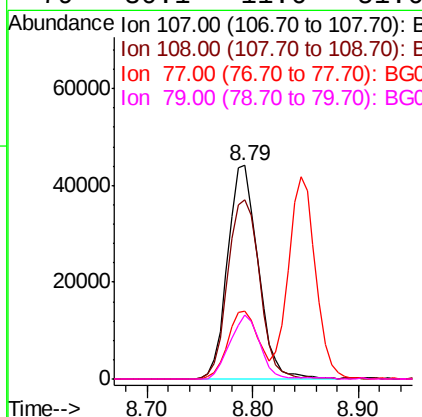
RT: 8.79 min Scan# 971

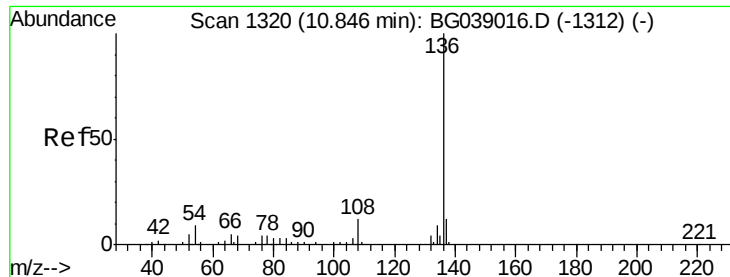
Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       | 88022 |       |       |
| 108     | 84.2 | 68.4  | 108.4 |       |       |
| 77      | 32.1 | 13.3  | 53.3  |       |       |
| 79      | 30.1 | 11.6  | 51.6  |       |       |





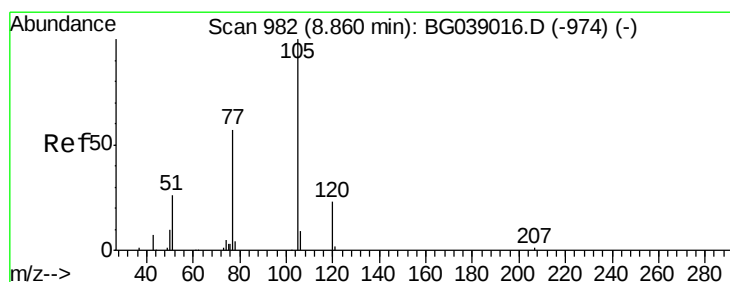
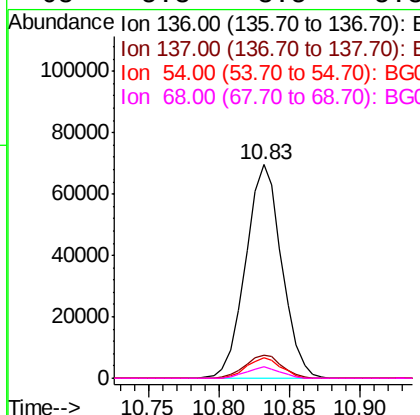
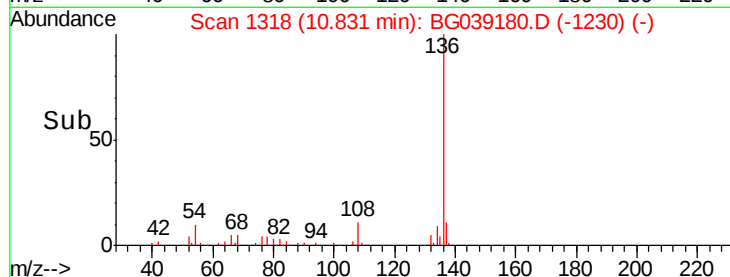
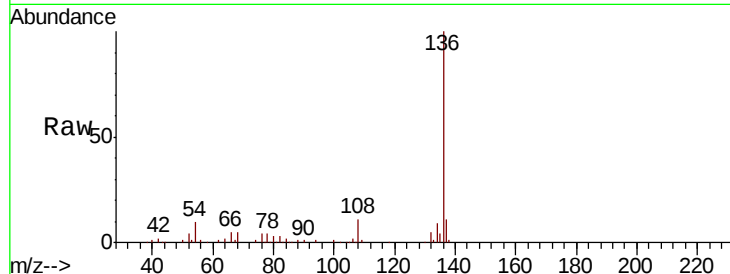
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1318  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampled :  
PB116427BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 124735 |       |       |
| 137     | 10.9  | 9.4    | 14.2  |       |
| 54      | 9.5   | 7.2    | 10.8  |       |
| 68      | 5.3   | 3.5    | 5.3#  |       |

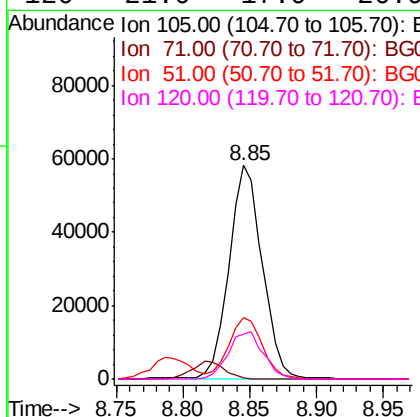
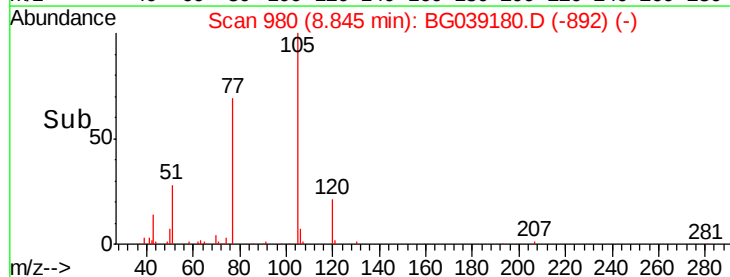
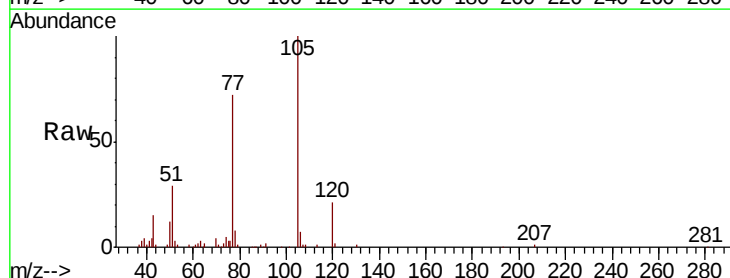
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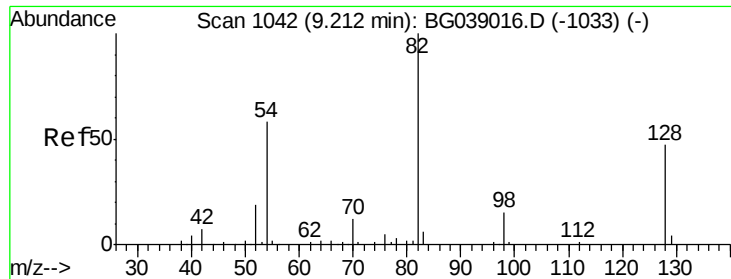
Sohil  
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#22  
Acetophenone  
Concen: 30.952 ng  
RT: 8.85 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 100826 |       |       |
| 71      | 0.7   | 0.6    | 1.0   |       |
| 51      | 29.1  | 26.6   | 39.8  |       |
| 120     | 21.0  | 17.9   | 26.9  |       |





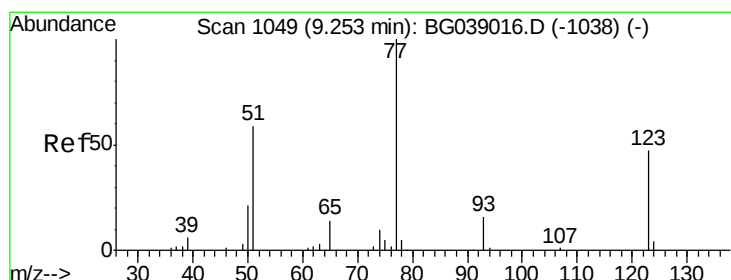
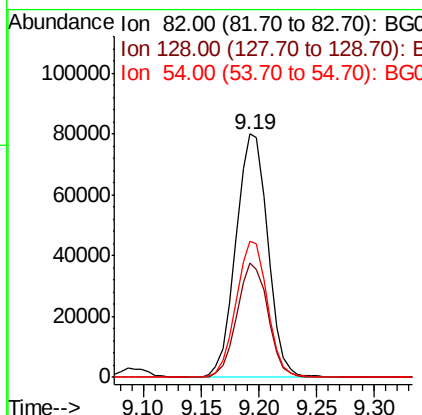
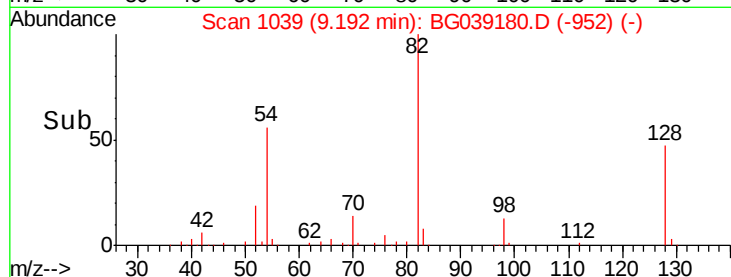
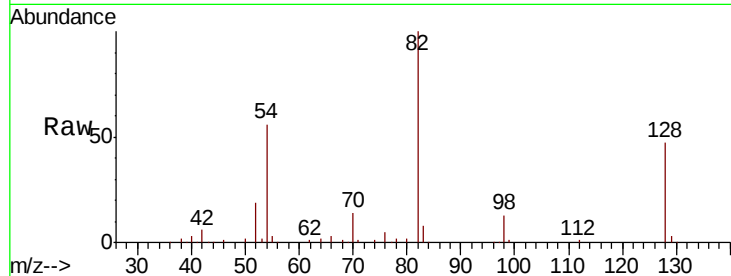
#23  
Nitrobenzene-d5  
Concen: 67.071 ng  
RT: 9.19 min Scan# 1039  
Delta R.T. -0.02 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampled :  
PB116427BS

| Tot Ion   | 82   | Resp  | 152891 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 46.7 | 37.3  | 55.9   |
| 54        | 55.7 | 46.4  | 69.6   |

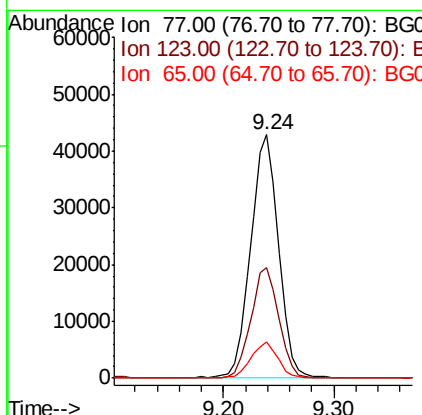
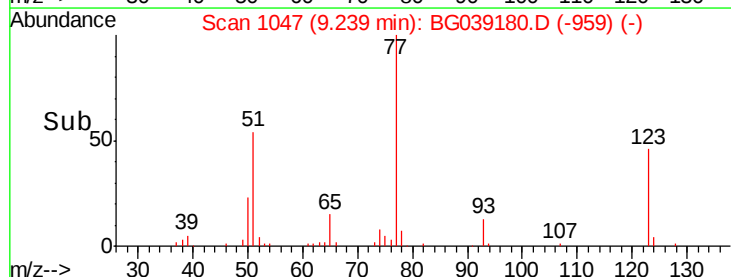
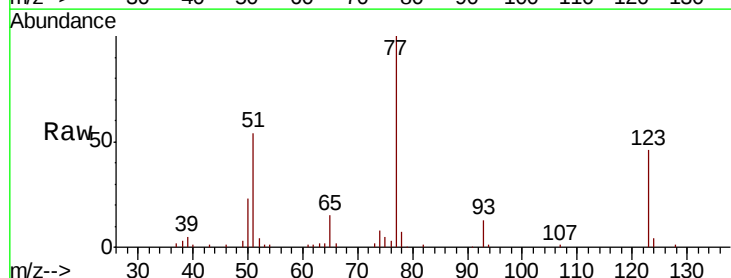
Manual Integrations  
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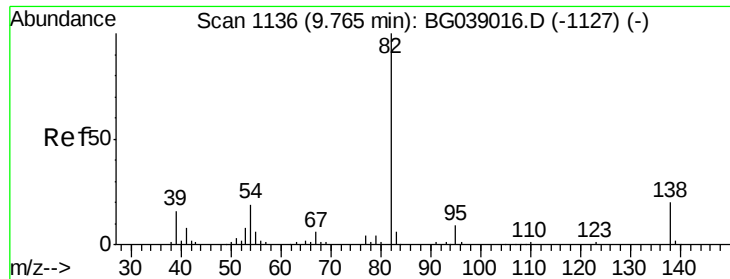
Sohil  
1/17/2019 2:09:25 PM



#24  
Nitrobenzene  
Concen: 32.959 ng  
RT: 9.24 min Scan# 1047  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion   | 77   | Resp  | 75940 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 100  |       |       |
| 123       | 45.6 | 37.6  | 56.4  |
| 65        | 14.9 | 11.0  | 16.6  |





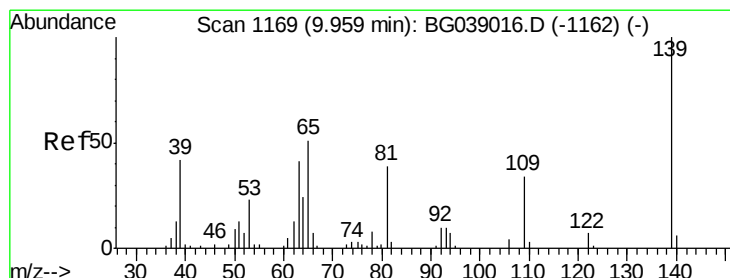
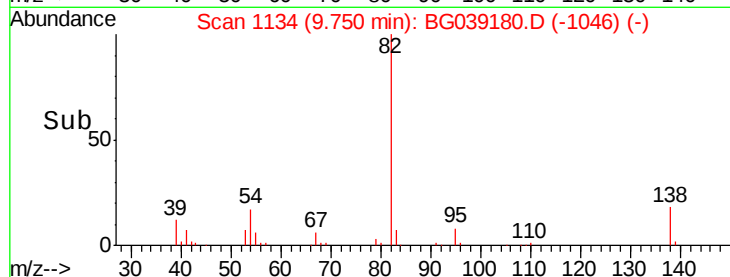
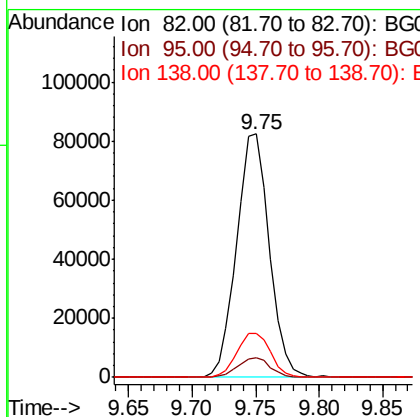
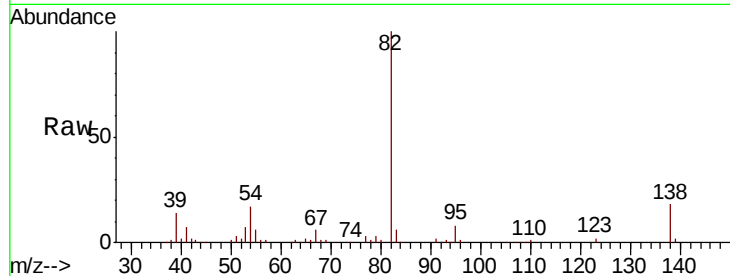
#25  
Isophorone  
Concen: 37.646 ng  
RT: 9.75 min Scan# 1134  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampled :  
PB116427BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 147821 |       |       |
| 95      | 7.9   | 7.0    | 10.6  |       |
| 138     | 18.1  | 16.2   | 24.4  |       |

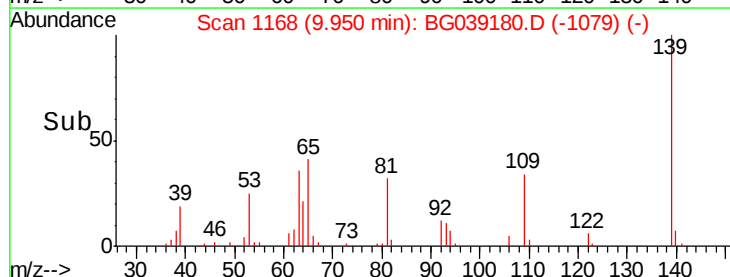
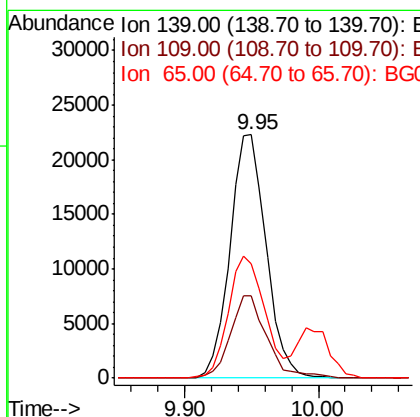
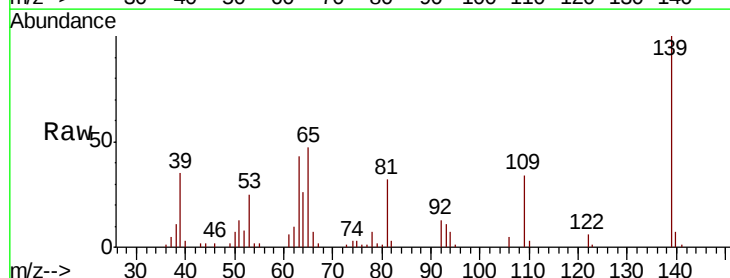
Manual Integrations  
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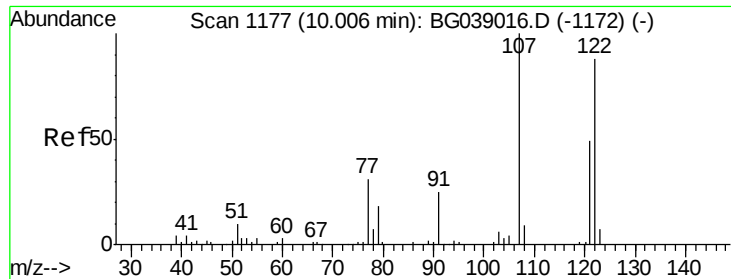
Sohil  
1/17/2019 2:09:25 PM



#26  
2-Nitrophenol  
Concen: 33.575 ng  
RT: 9.95 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 41843 |       |       |
| 109     | 33.9  | 27.3  | 40.9  |       |
| 65      | 47.0  | 40.6  | 61.0  |       |





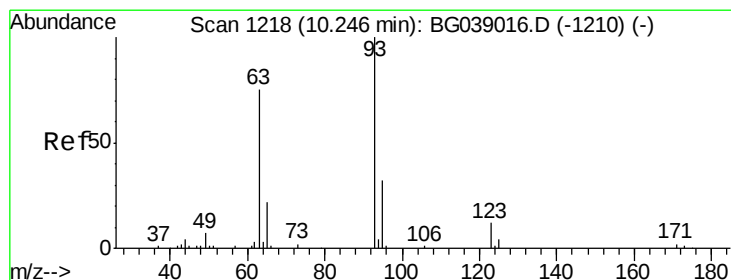
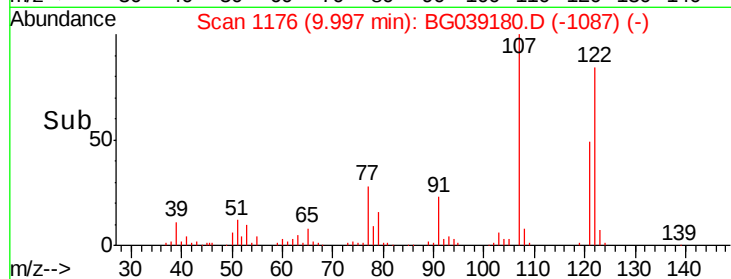
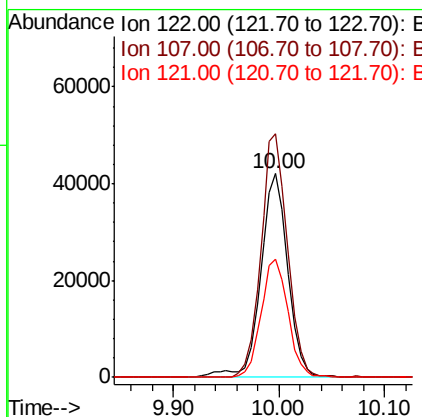
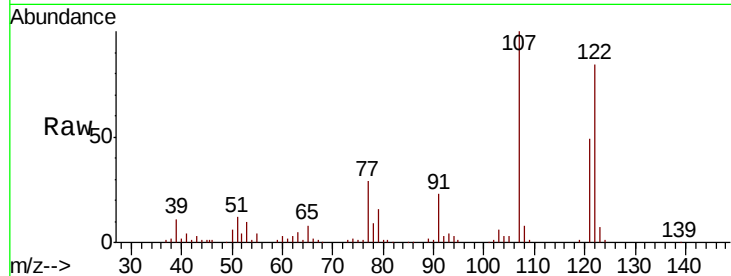
#27  
2,4-Dimethylphenol  
Concen: 42.683 ng  
RT: 10.00 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.4 | 88.8  | 133.2 |
| 121     | 58.3  | 43.1  | 64.7  |

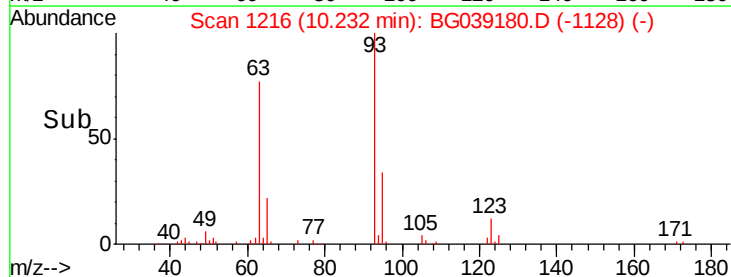
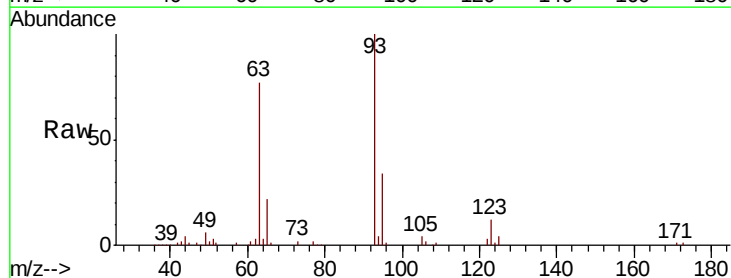
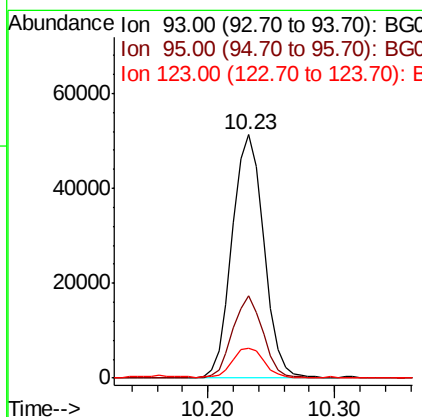
Manual Integrations  
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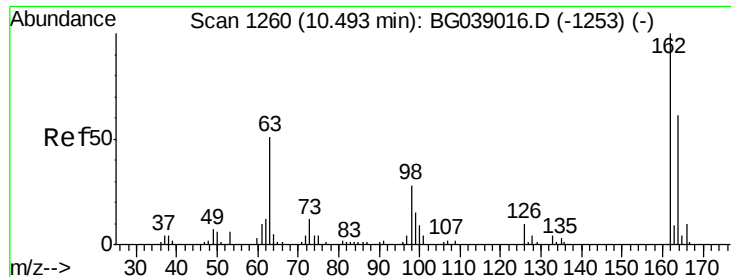
Sohil  
1/17/2019 2:09:25 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.732 ng  
RT: 10.23 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.8  | 25.6  | 38.4  |
| 123     | 12.2  | 10.1  | 15.1  |





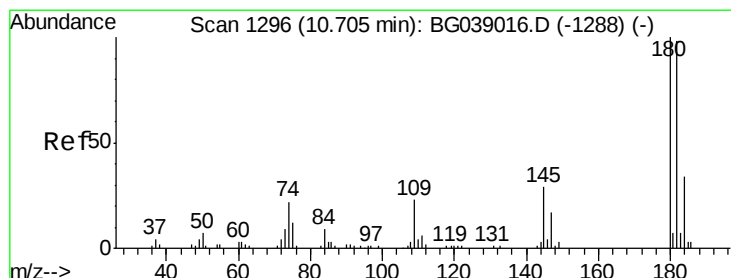
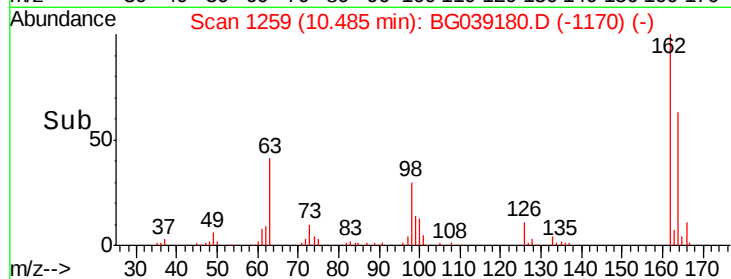
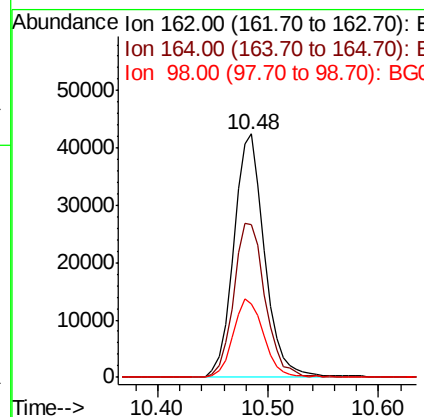
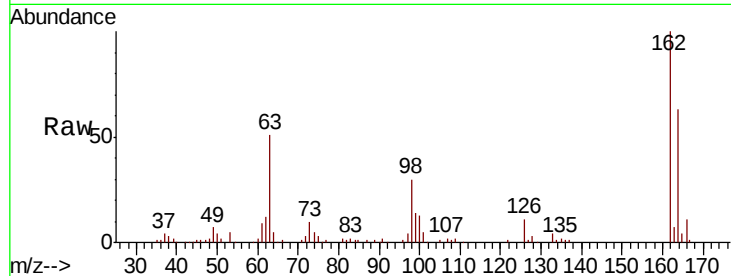
#29  
 2,4-Dichlorophenol  
 Concen: 38.058 ng  
 RT: 10.48 min Scan# 1259  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB116427BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 62.7  | 41.3       | 81.3  |
| 98      | 30.0  | 8.3        | 48.3  |

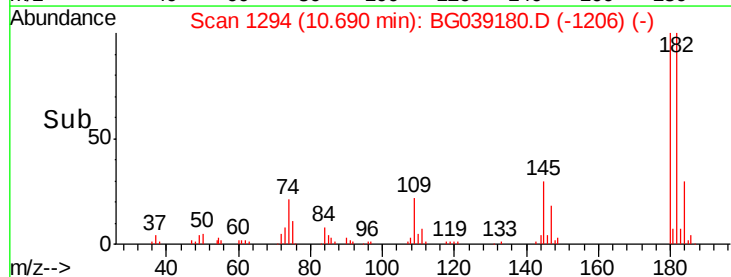
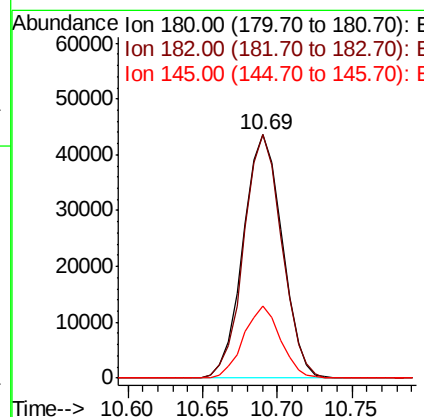
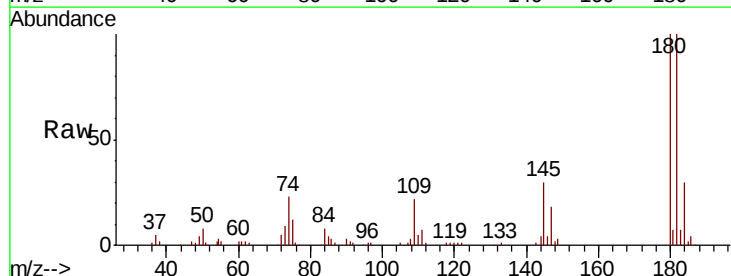
Manual Integrations  
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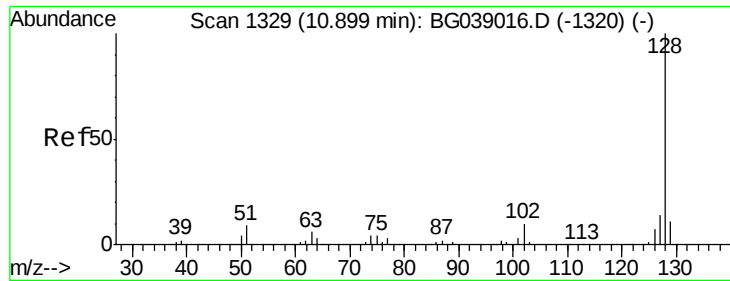
Sohil  
 1/17/2019 2:09:25 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 30.259 ng  
 RT: 10.69 min Scan# 1294  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 99.8  | 78.1       | 117.1 |
| 145     | 29.8  | 23.1       | 34.7  |





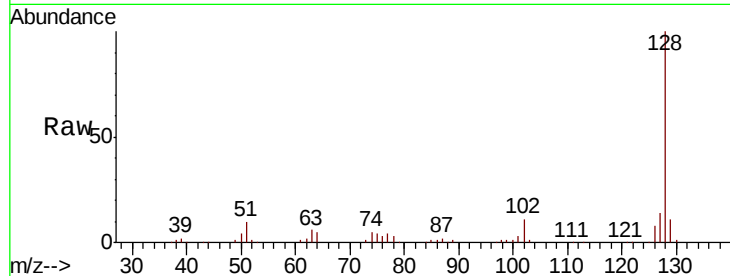
#31  
Naphthalene  
Concen: 34.644 ng  
RT: 10.88 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 128     | 100   |            |       |
| 129     | 11.1  | 9.1        | 13.7  |
| 127     | 13.8  | 11.2       | 16.8  |

Manual Integrations  
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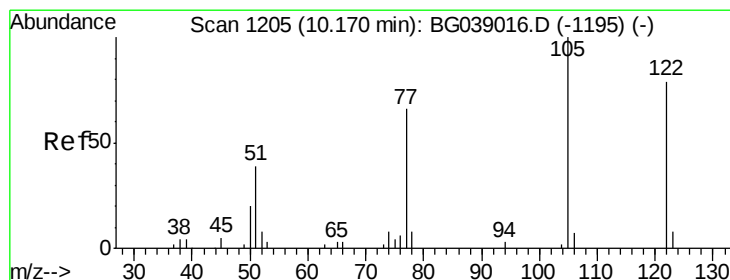
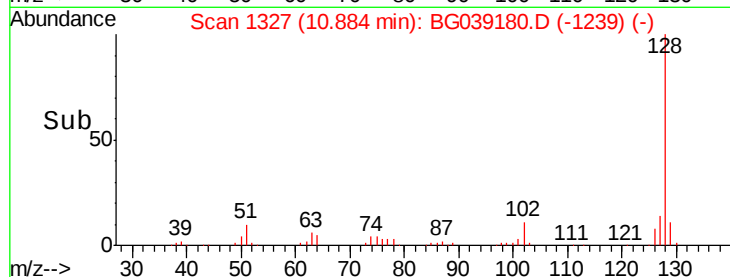
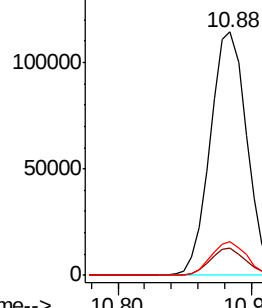


Abundance

Ion 128.00 (127.70 to 128.70): E

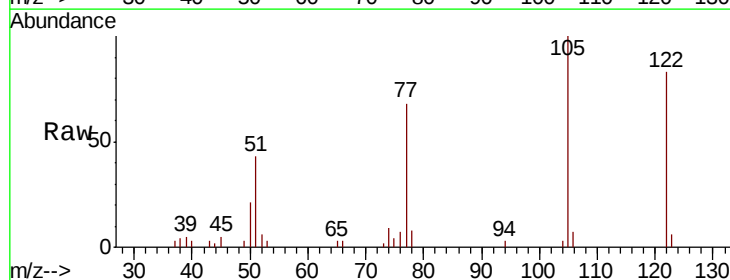
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 26.715 ng m  
RT: 10.16 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 122     | 100   |            |       |
| 105     | 121.0 | 106.4      | 146.4 |
| 77      | 82.8  | 63.6       | 103.6 |

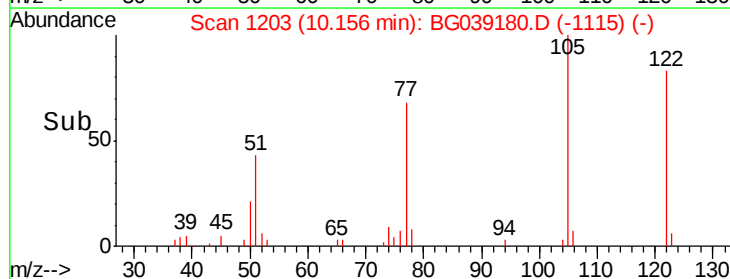
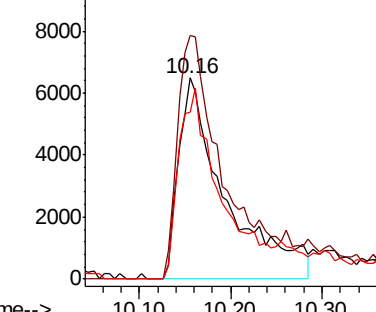


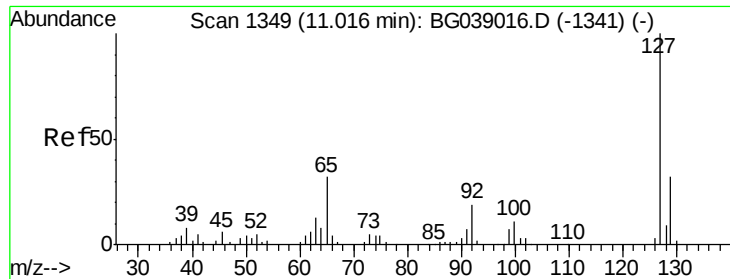
Abundance

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





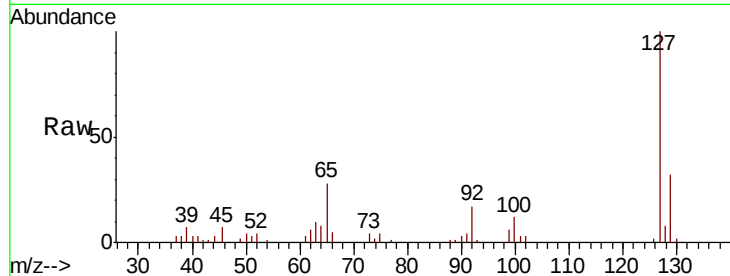
#33  
4-Chloroaniline  
Concen: 10.298 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampled :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.8  | 25.4  | 38.0  |
| 65      | 27.9  | 25.4  | 38.0  |
| 92      | 16.8  | 15.2  | 22.8  |

Manual Integrations  
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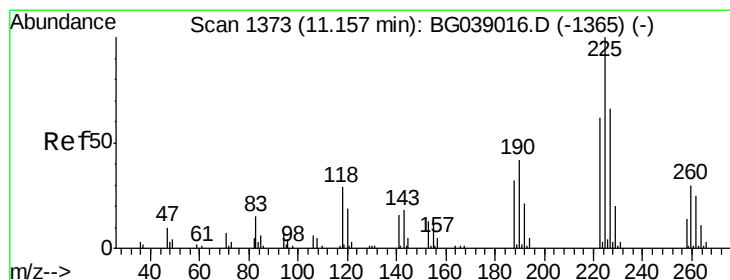
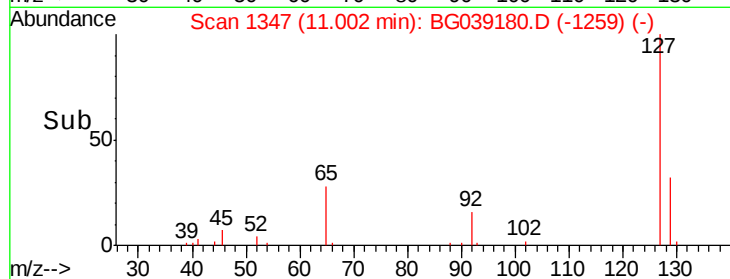
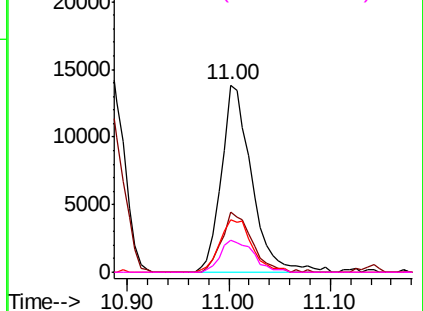
Abundance

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: 27.857 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

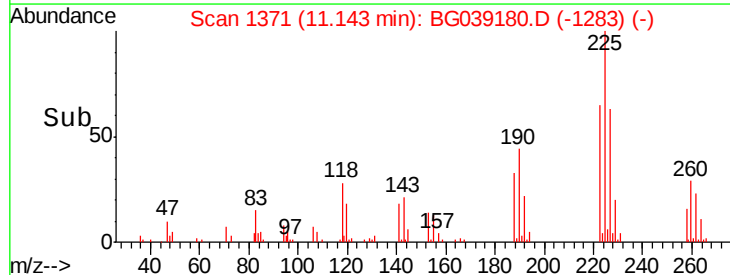
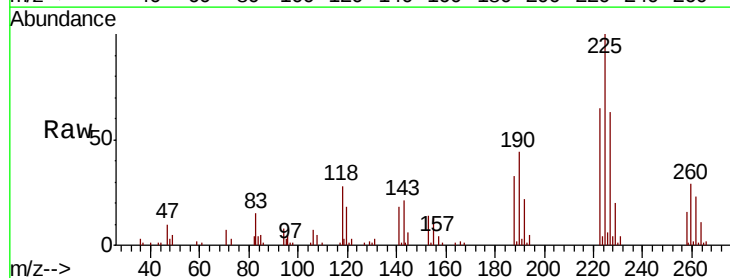
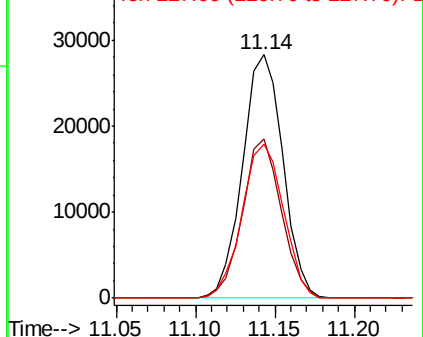
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 69.1  | 50.2  | 75.4  |
| 227     | 67.1  | 53.2  | 79.8  |

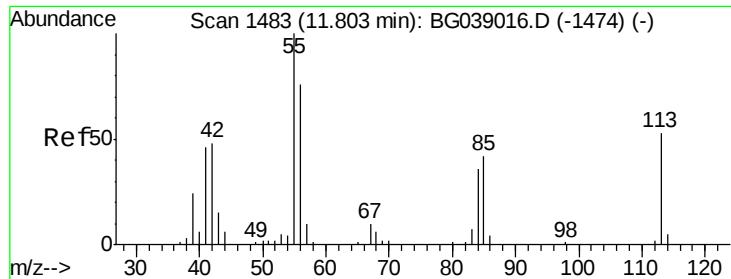
Abundance

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: 32.456 ng/mL

RT: 11.78 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

ClientSampleID :

PB116427BS

Tot Ion: 113 Resp: 28349

Ion Ratio Lower Upper

113 100

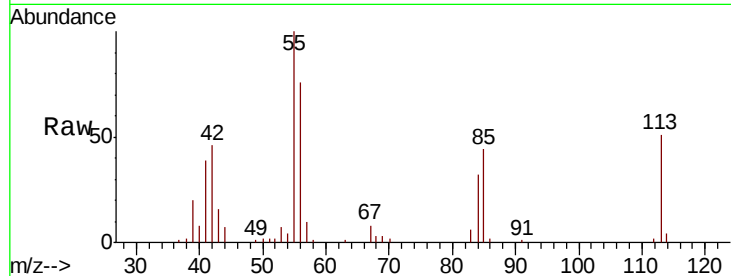
55 195.8 168.6 208.6

56 148.0 123.2 163.2

Manual Integrations  
APPROVED

Sohil

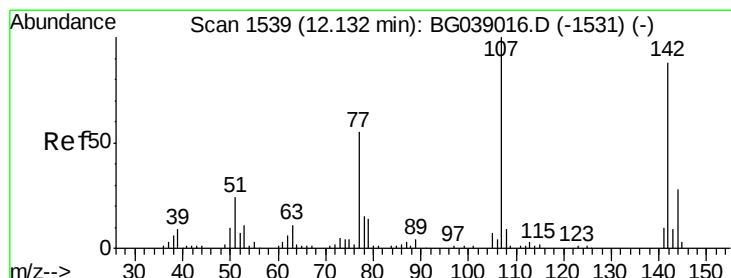
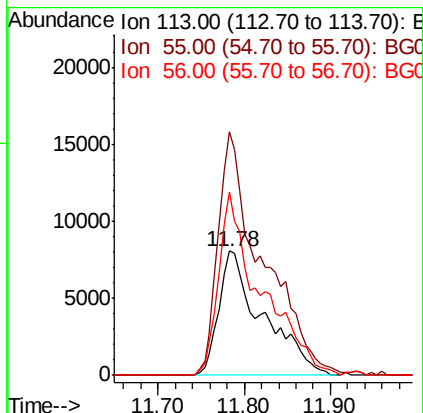
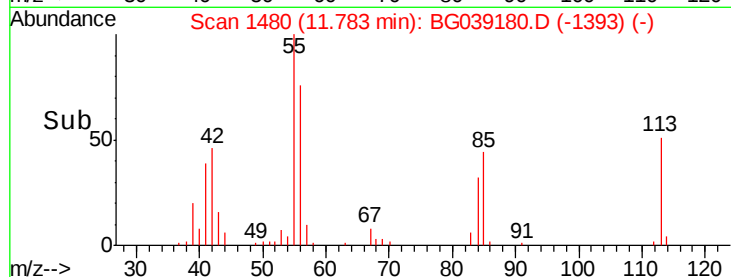
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039180.D (-1474) (-)

Ion 56.00 (55.70 to 56.70): BG039180.D (-1474) (-)



#36

4-Chloro-3-methylphenol

Concen: 38.665 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

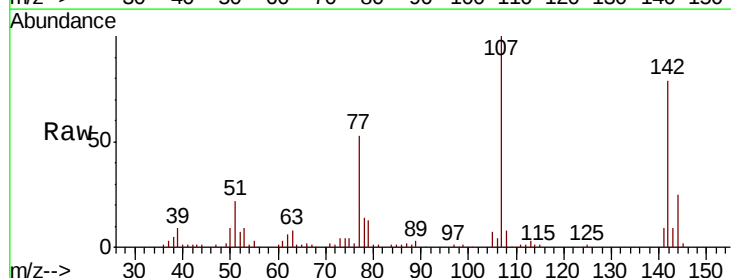
Tgt Ion: 107 Resp: 90079

Ion Ratio Lower Upper

107 100

144 24.9 22.6 34.0

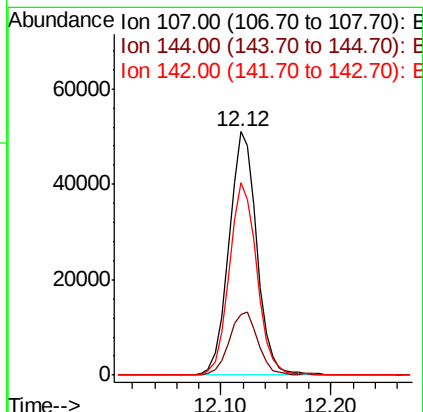
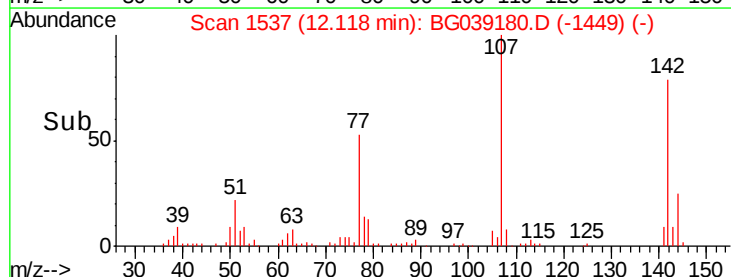
142 79.0 70.2 105.4

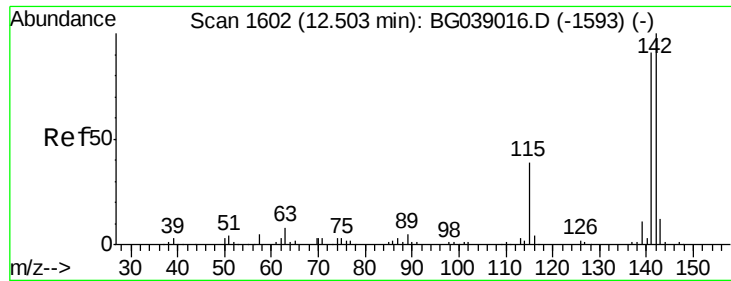


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





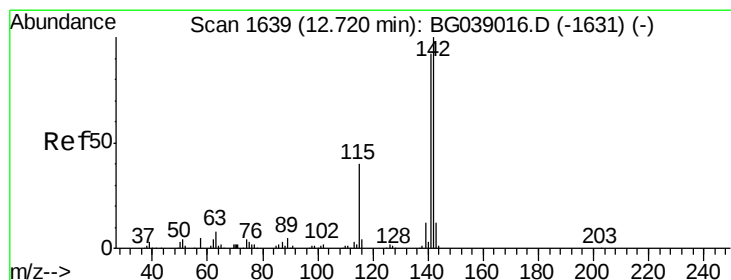
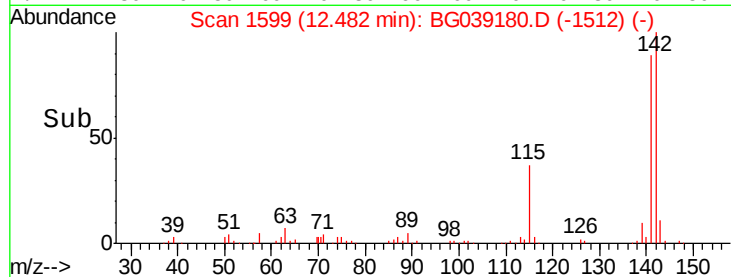
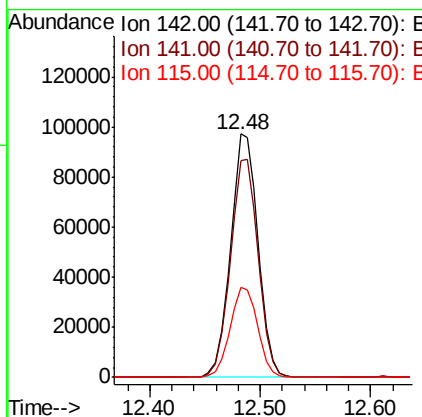
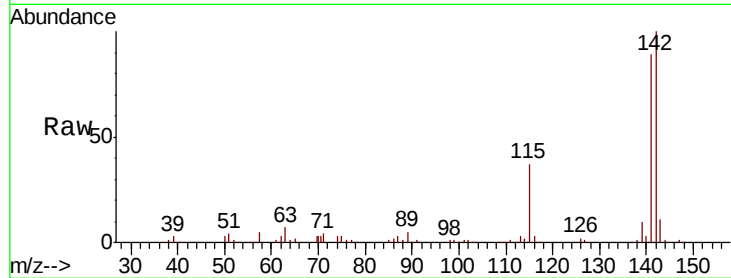
#37  
 2-Methylnaphthalene  
 Concen: 36.015 ng  
 RT: 12.48 min Scan# 1599  
 Delta R.T. -0.02 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 142     | 100  |       | 168924 |       |       |
| 141     | 89.0 | 72.6  | 109.0  |       |       |
| 115     | 36.8 | 31.1  | 46.7   |       |       |

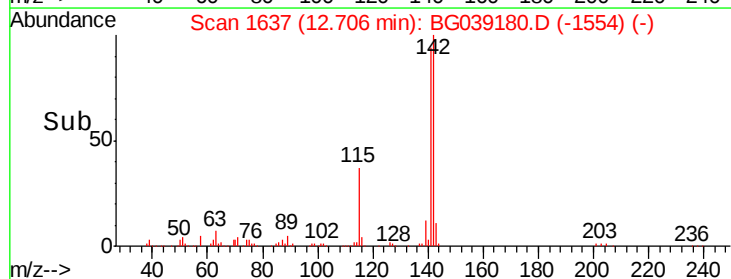
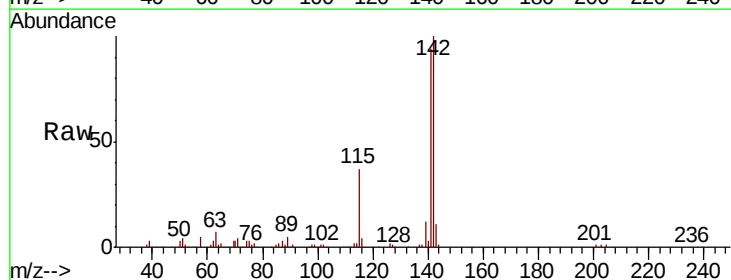
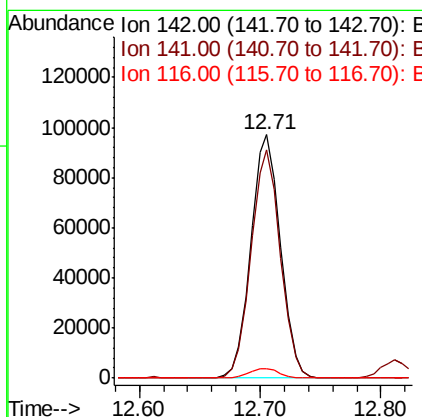
Manual Integrations  
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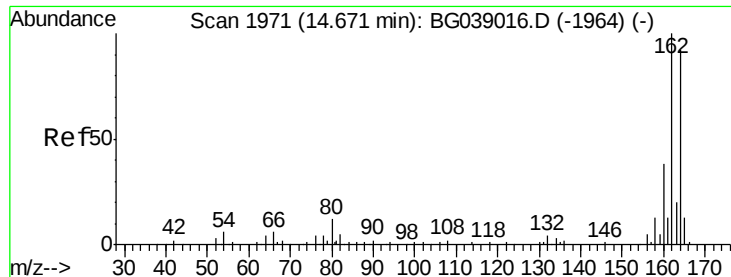
Sohil  
 1/17/2019 2:09:25 PM



#38  
 1-Methylnaphthalene  
 Concen: 36.598 ng  
 RT: 12.71 min Scan# 1637  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 142     | 100  |       | 164763 |       |       |
| 141     | 93.6 | 73.3  | 109.9  |       |       |
| 116     | 3.9  | 3.1   | 4.7    |       |       |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

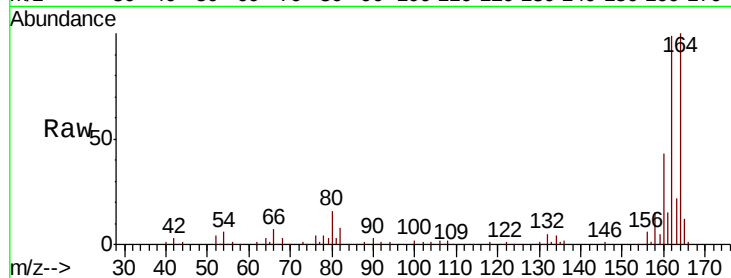
ClientSampleId :

PB116427BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 164   | Resp: | 90557 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 99.1  | 87.2  | 130.8 |
| 160       | 43.2  | 33.3  | 49.9  |

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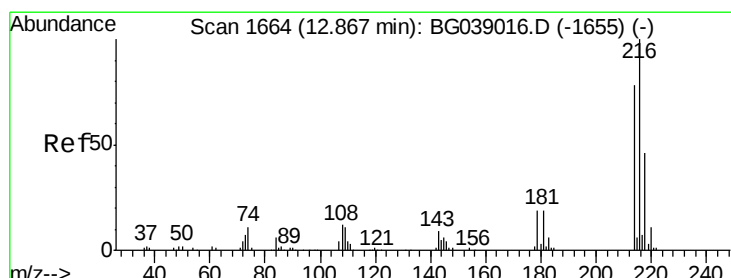
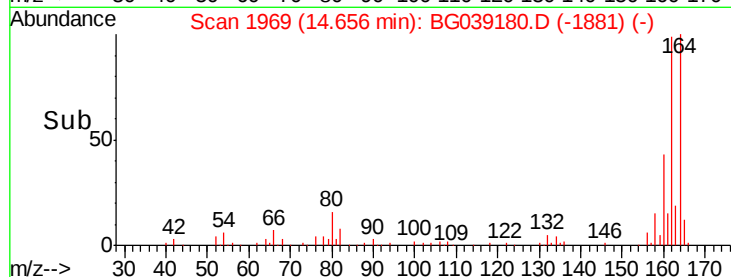
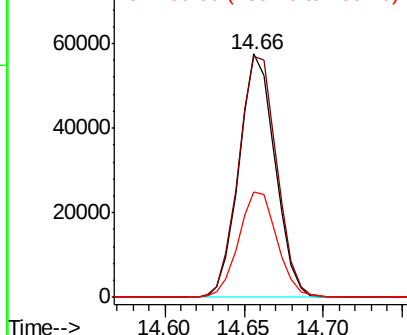


Abundance

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: 30.698 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 104403 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.7  | 63.4  | 95.2   |
| 179       | 19.6  | 15.5  | 23.3   |
| 108       | 12.9  | 11.4  | 17.2   |

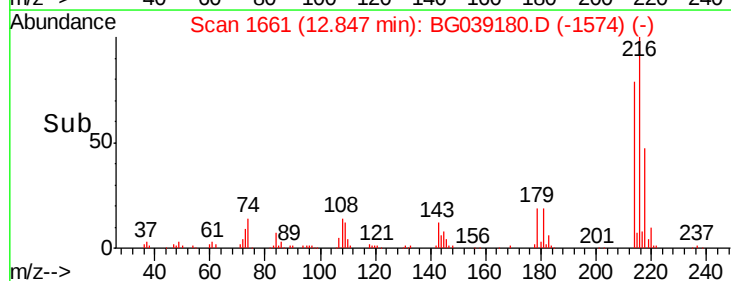
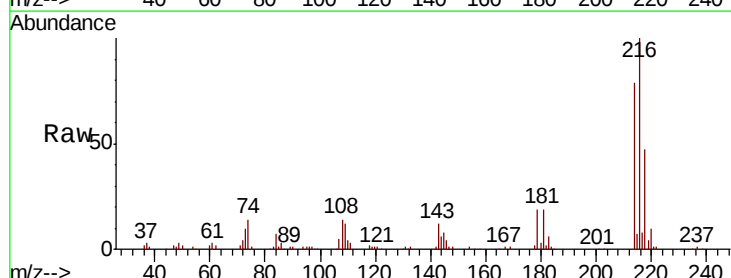
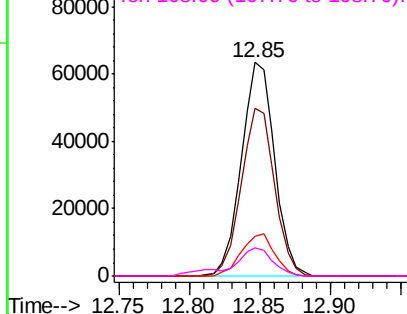
Abundance

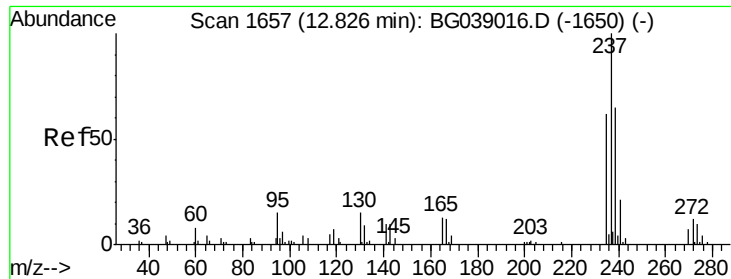
Ion 216.00 (215.70 to 216.70): E

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: 57.557 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

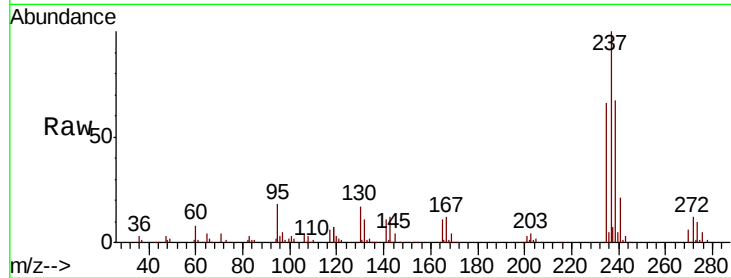
ClientSampleId :

PB116427BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 106927 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 66.4  | 41.7  | 81.7   |
| 272       | 11.7  | 0.0   | 32.1   |

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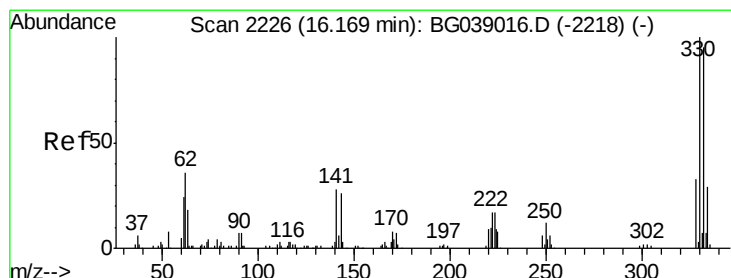
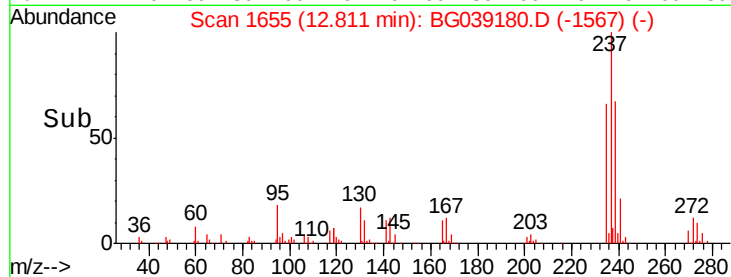
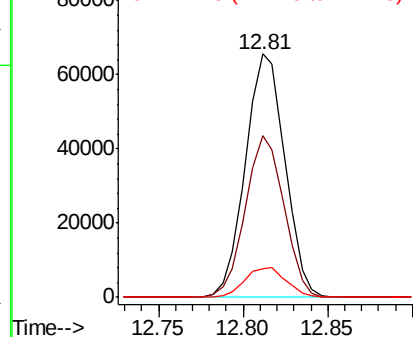


Abundance

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: 95.187 ng

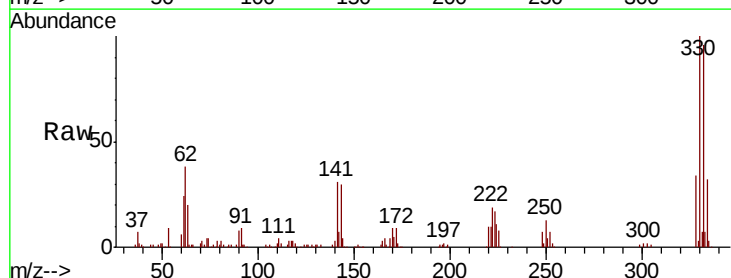
RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 144493 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.6  | 75.7  | 113.5  |
| 141       | 32.6  | 24.9  | 37.3   |

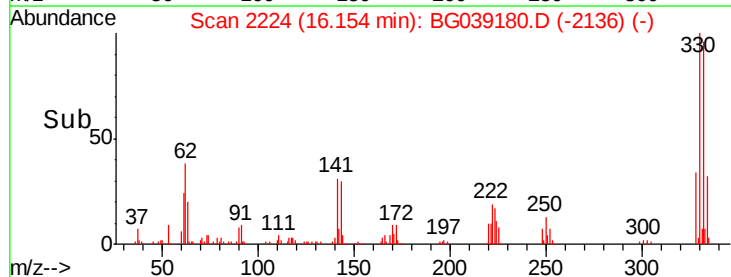
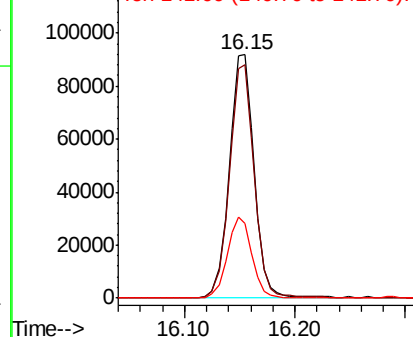


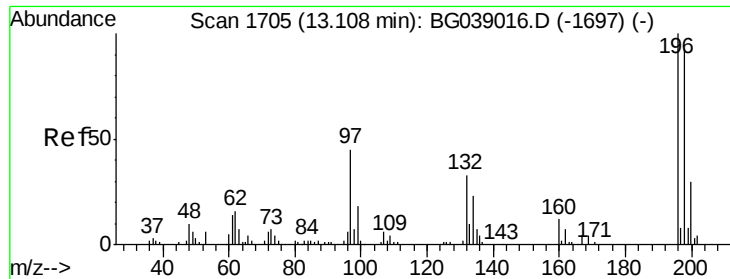
Abundance

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





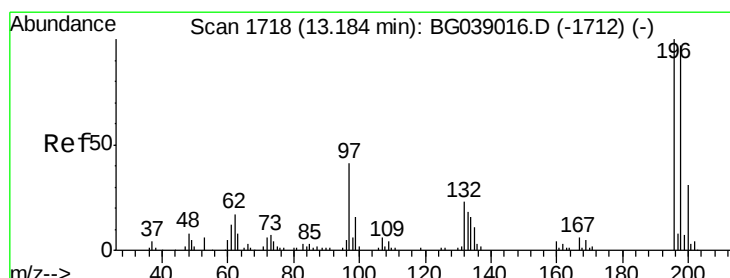
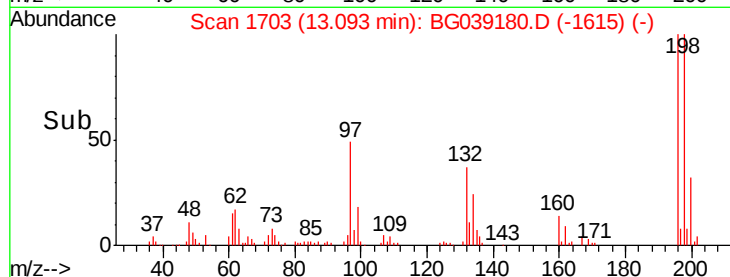
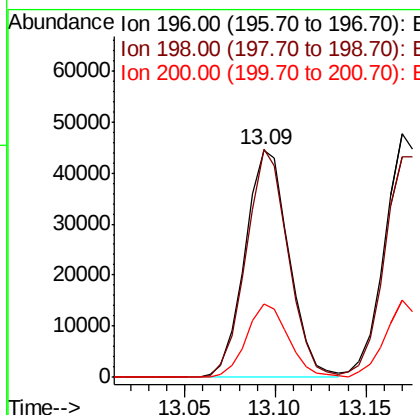
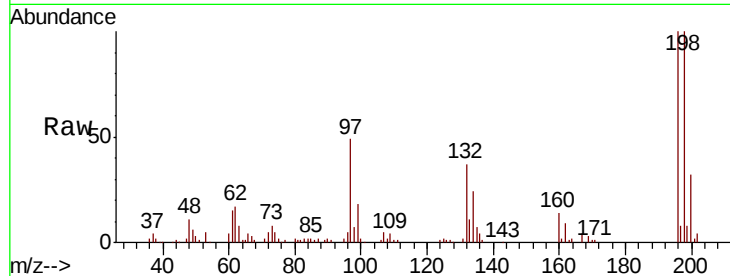
#43  
 2,4,6-Trichlorophenol  
 Concen: 34.980 ng  
 RT: 13.09 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.1 | 74.5  | 111.7 |
| 200     | 32.4  | 23.8  | 35.6  |

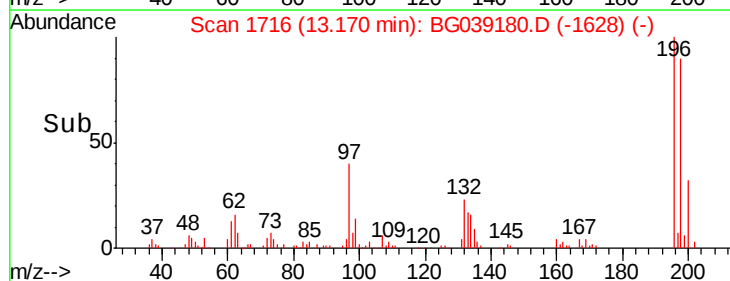
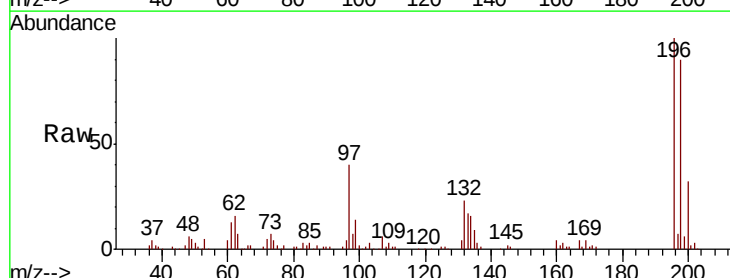
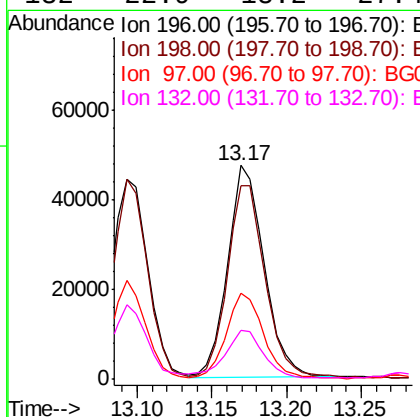
Manual Integrations  
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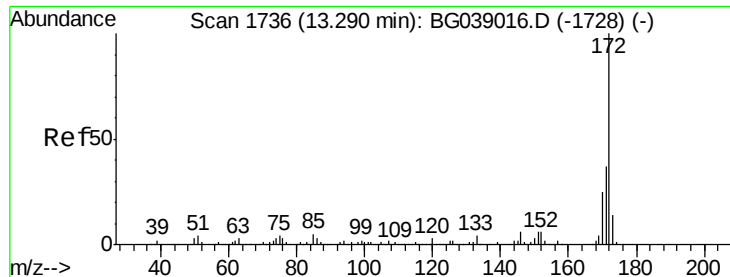
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 1/17/2019 2:09:25 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 36.007 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 90.5  | 78.1  | 117.1 |
| 97      | 40.0  | 33.2  | 49.8  |
| 132     | 22.9  | 18.2  | 27.4  |





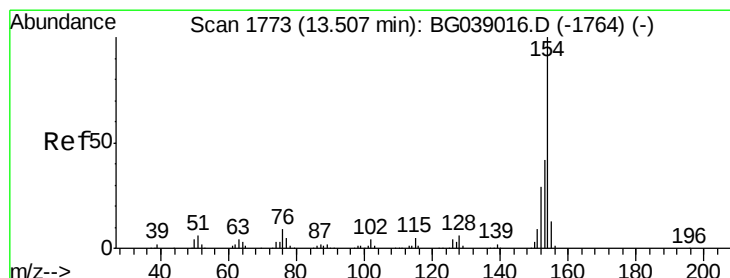
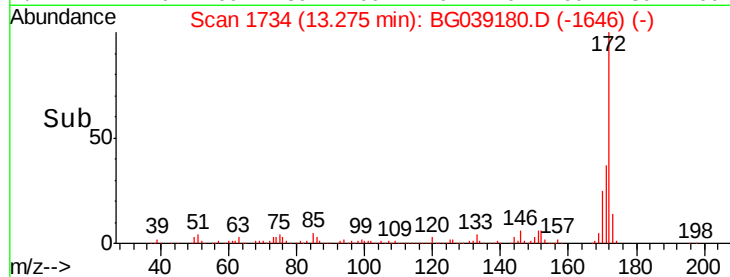
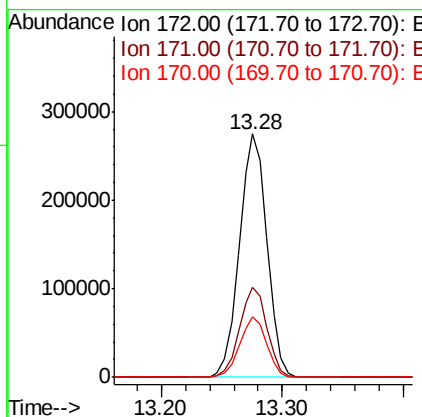
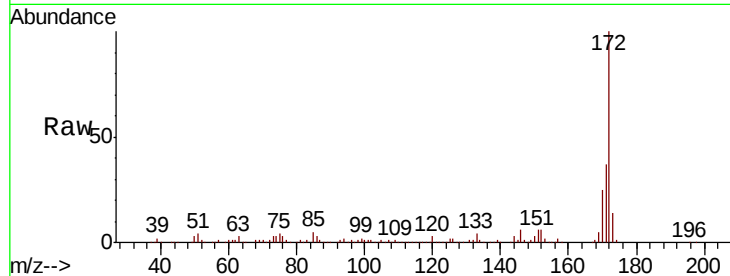
#45  
2-Fluorobiphenyl  
Concen: 65.705 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.0  | 29.4  | 44.0  |
| 170     | 24.8  | 20.1  | 30.1  |

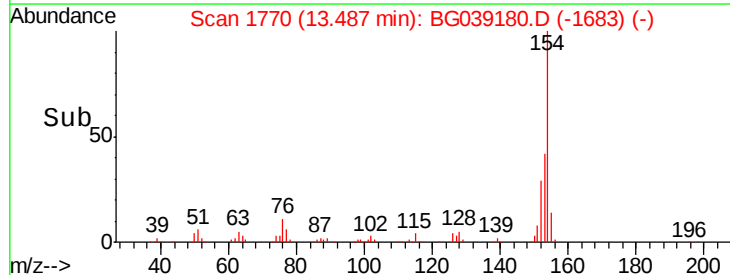
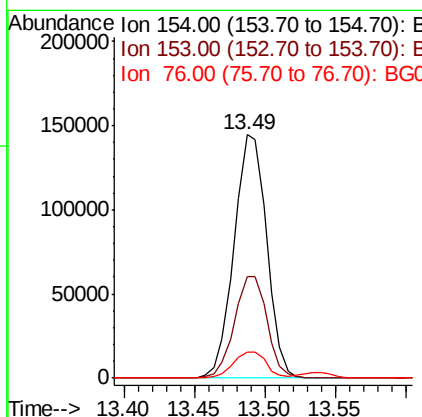
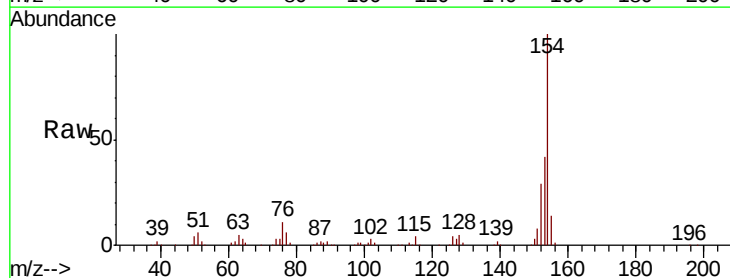
Manual Integrations  
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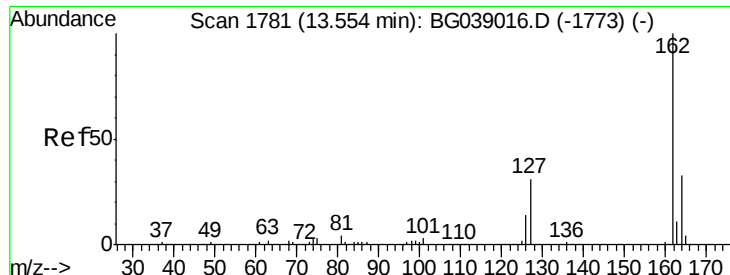
Sohil  
1/17/2019 2:09:25 PM



#46  
1,1'-Biphenyl  
Concen: 32.435 ng  
RT: 13.49 min Scan# 1770  
Delta R.T. -0.02 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 22.4  | 62.4  |
| 76      | 10.5  | 0.0   | 29.4  |





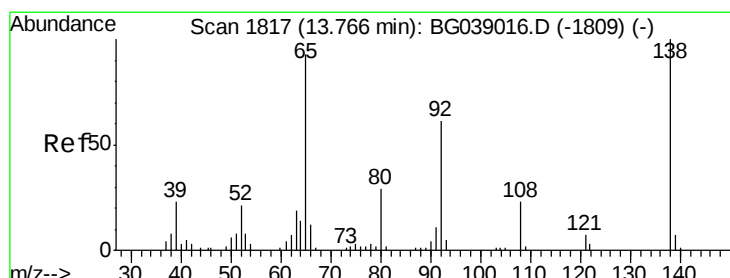
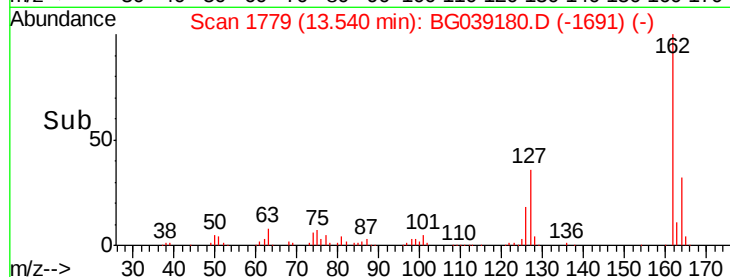
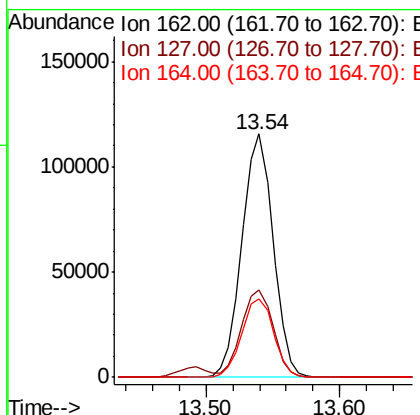
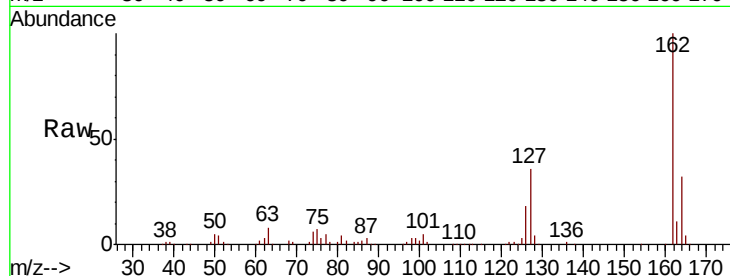
#47  
 2-Chloronaphthalene  
 Concen: 32.181 ng  
 RT: 13.54 min Scan# 1779  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 35.9  | 28.4       | 42.6  |
| 164     | 32.4  | 26.3       | 39.5  |

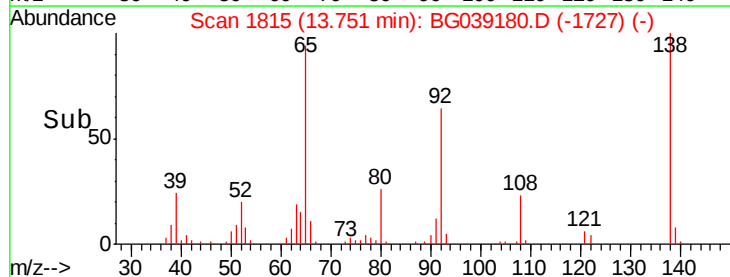
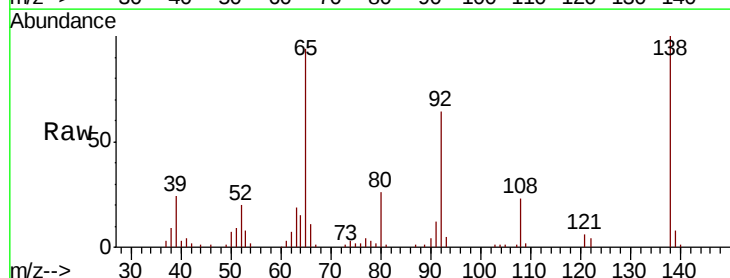
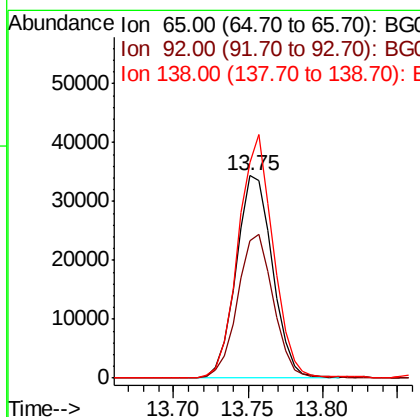
Manual Integrations  
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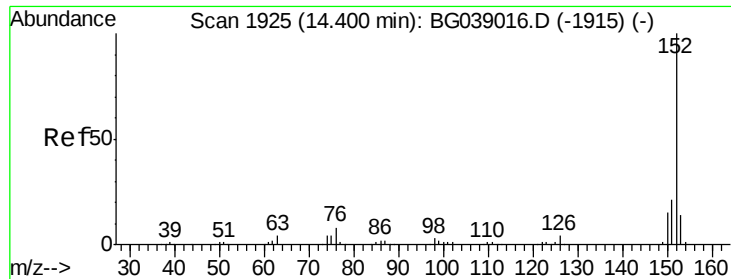
Sohil  
 1/17/2019 2:09:25 PM



#48  
 2-Nitroaniline  
 Concen: 35.878 ng  
 RT: 13.75 min Scan# 1815  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 68.0  | 52.2       | 78.4  |
| 138     | 106.7 | 86.0       | 129.0 |





#49

Acenaphthylene

Concen: 35.996 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

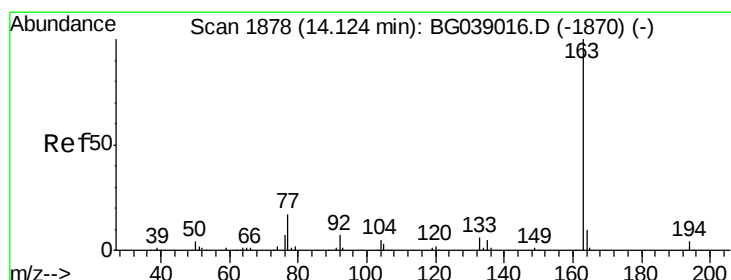
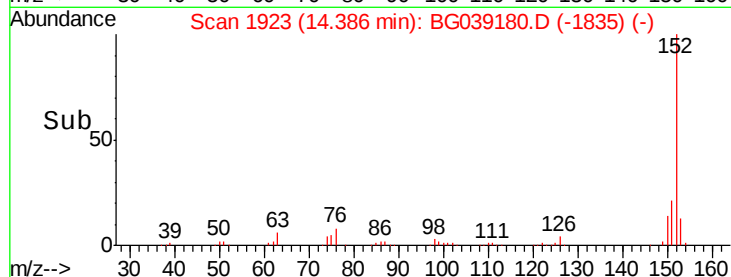
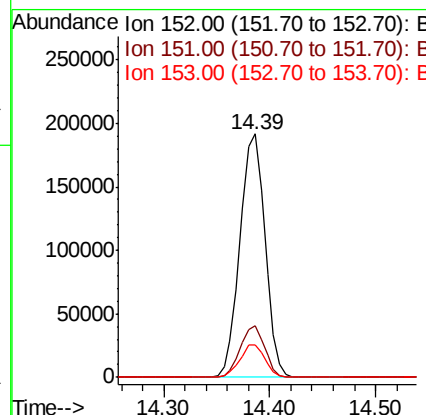
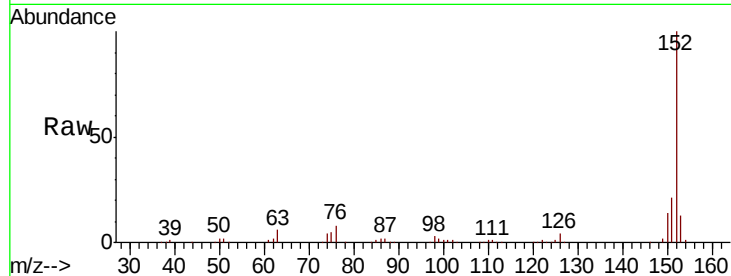
ClientSampled :

PB116427BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 314167 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.0  | 17.0  | 25.4   |
| 153       | 13.4  | 11.2  | 16.8   |

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#50

Dimethylphthalate

Concen: 34.037 ng

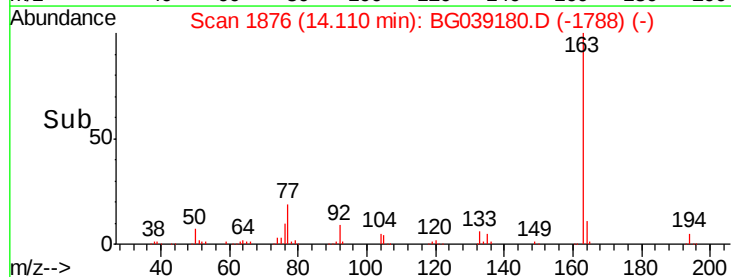
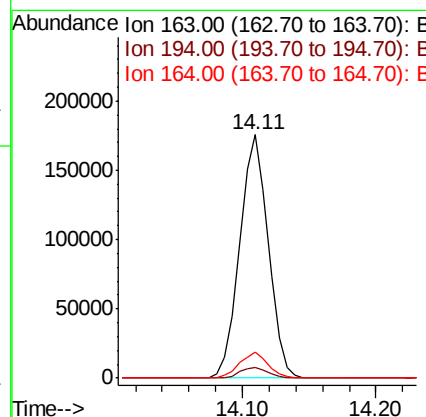
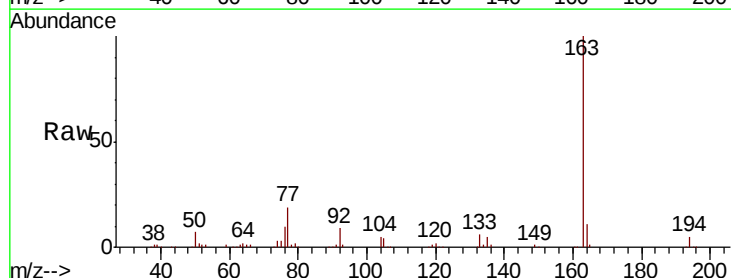
RT: 14.11 min Scan# 1876

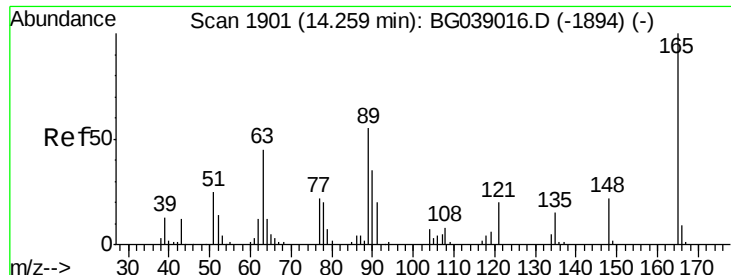
Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 260465 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.6   | 5.4    |
| 164       | 10.6  | 8.2   | 12.2   |





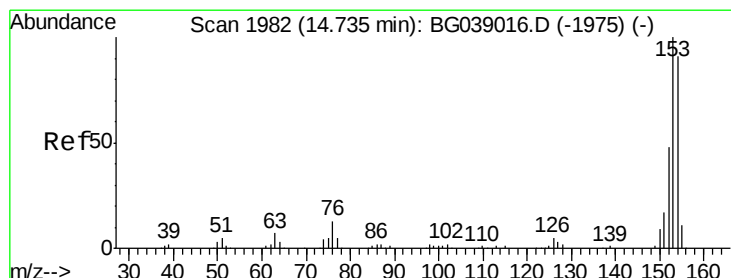
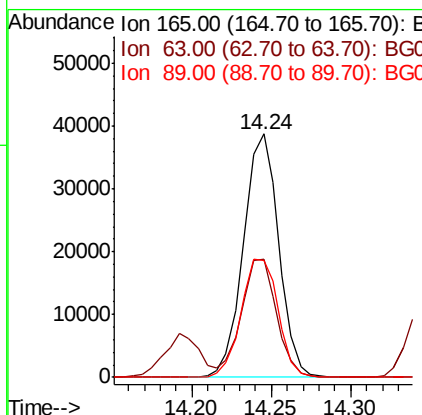
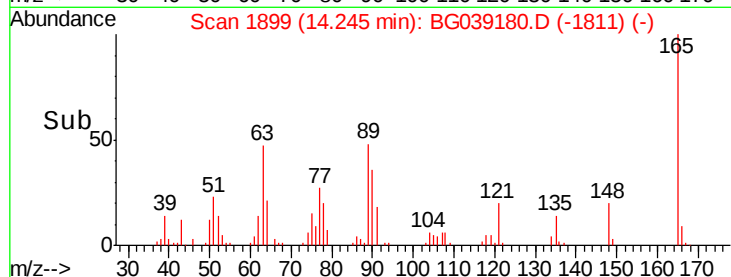
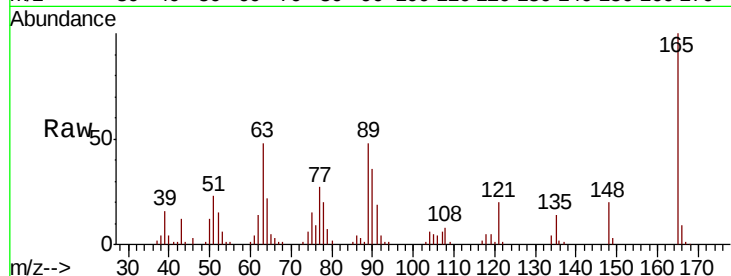
#51  
2,6-Dinitrotoluene  
Concen: 34.879 ng  
RT: 14.24 min Scan# 1899  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampled :  
PB116427BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 59675 |       |       |
| 63      | 48.4  |       | 43.6  | 65.4  |
| 89      | 48.3  |       | 43.7  | 65.5  |

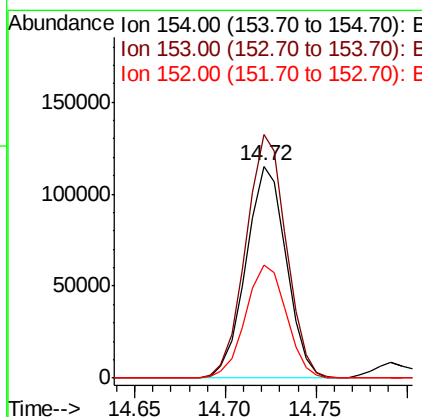
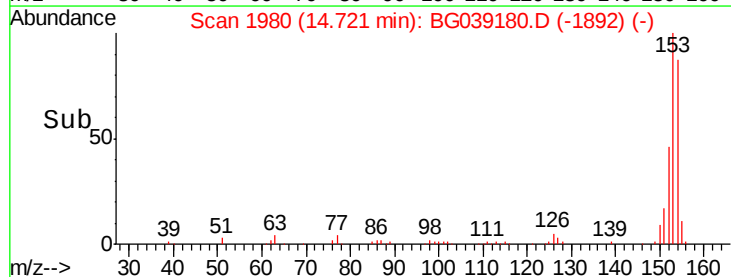
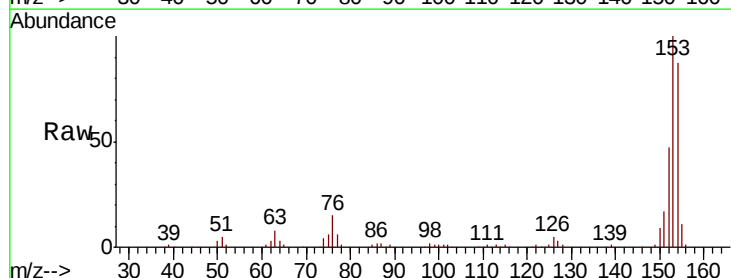
Manual Integrations  
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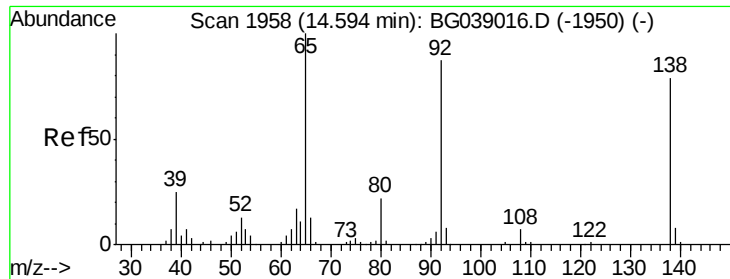
Sohil  
1/17/2019 2:09:25 PM



#52  
Acenaphthene  
Concen: 33.862 ng  
RT: 14.72 min Scan# 1980  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 177568 |       |       |
| 153     | 114.9 |        | 87.9  | 131.9 |
| 152     | 53.6  |        | 42.2  | 63.2  |





#53

3-Nitroaniline

Concen: 16.320 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

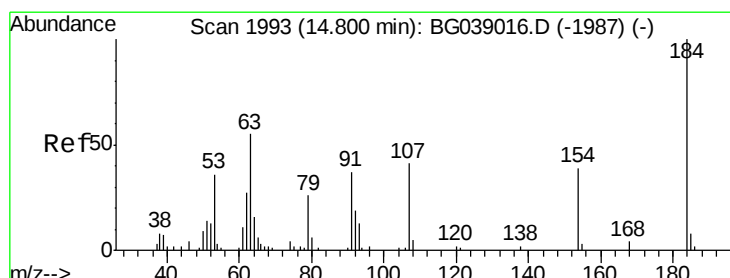
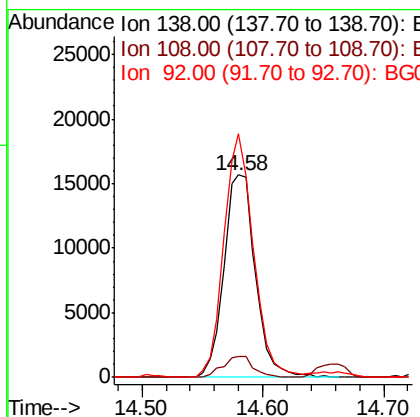
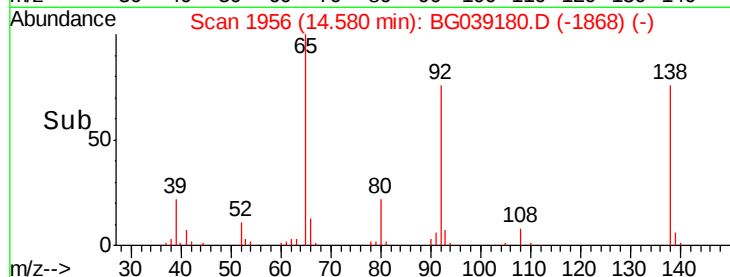
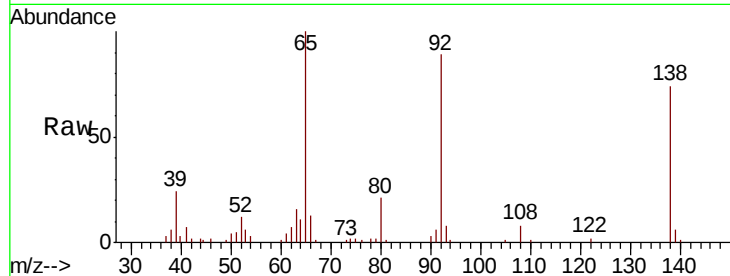
ClientSampleId :

PB116427BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 138   | Resp: | 28325 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.3  | 7.4   | 11.0  |
| 92        | 120.2 | 88.2  | 132.4 |

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#54

2,4-Dinitrophenol

Concen: 30.090 ng

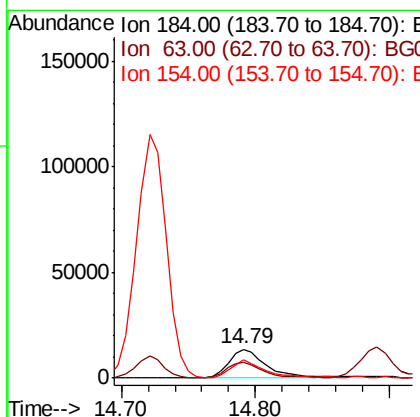
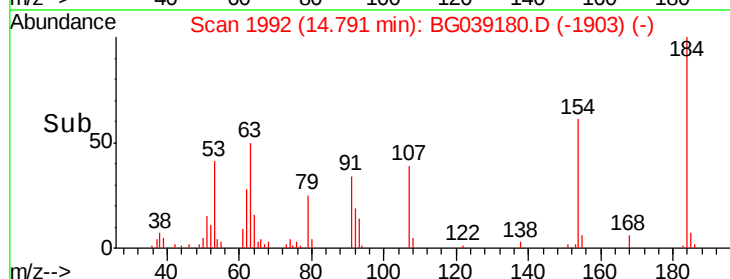
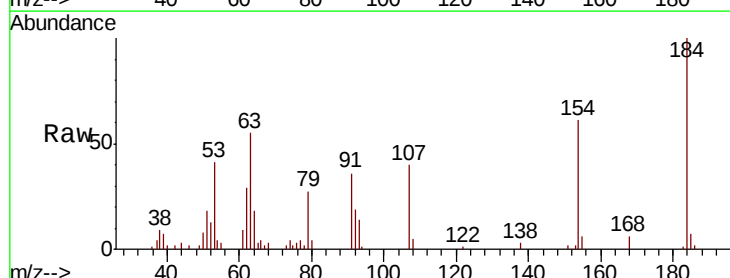
RT: 14.79 min Scan# 1992

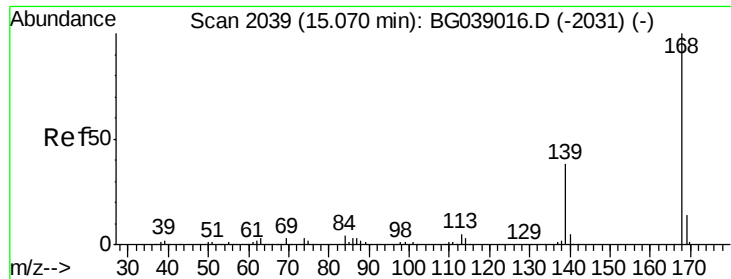
Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 27093 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 63        | 54.6  | 44.0  | 66.0  |
| 154       | 60.7  | 46.1  | 69.1  |





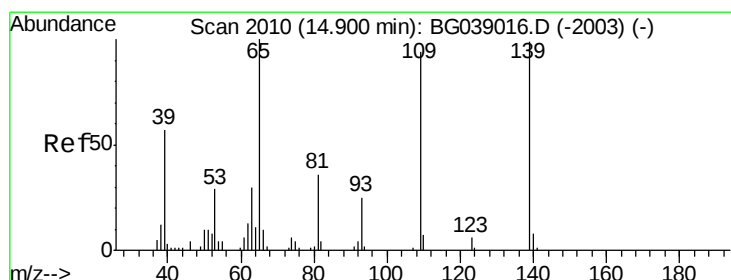
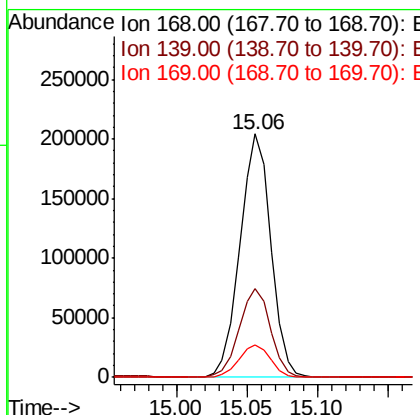
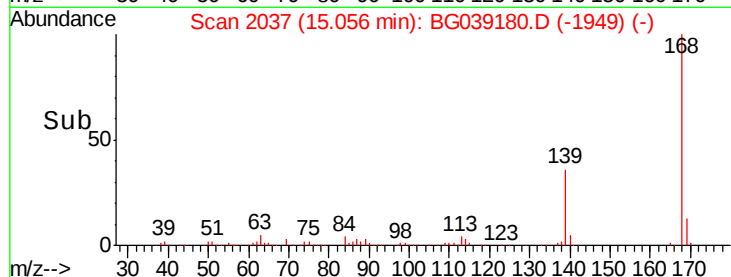
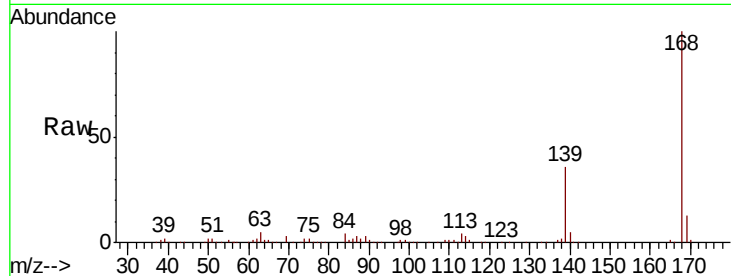
#55  
Dibenzenofuran  
Concen: 33.631 ng  
RT: 15.06 min Scan# 2037  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 311467 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 36.4  | 30.1  | 45.1   |
| 169       | 13.4  | 10.9  | 16.3   |

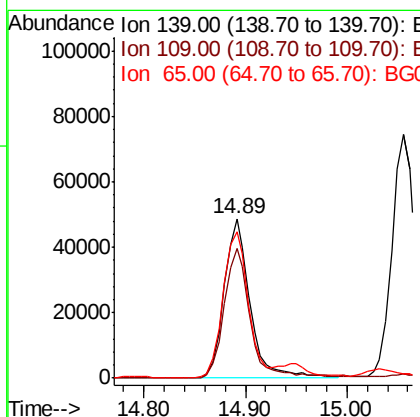
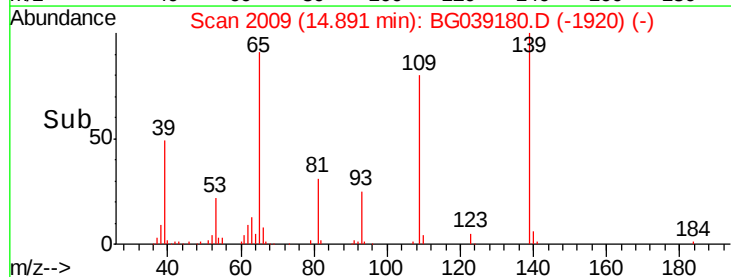
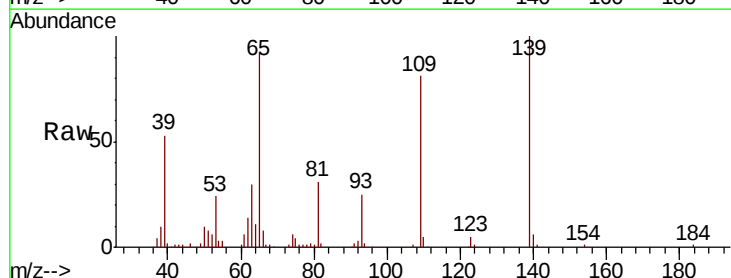
Manual Integrations  
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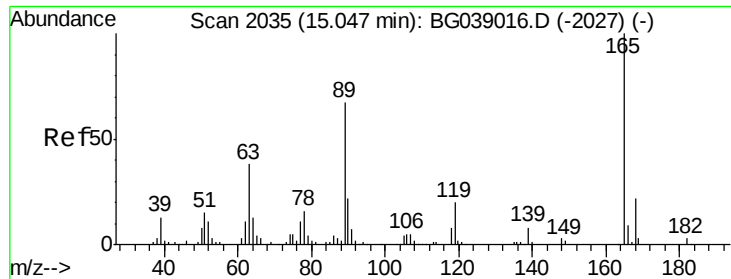
Sohil  
1/17/2019 2:09:25 PM



#56  
4-Nitrophenol  
Concen: 69.229 ng  
RT: 14.89 min Scan# 2009  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 86454 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 81.0  | 75.6  | 115.6 |
| 65        | 91.8  | 81.2  | 121.2 |





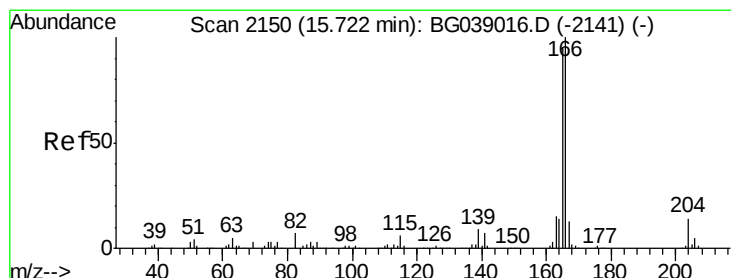
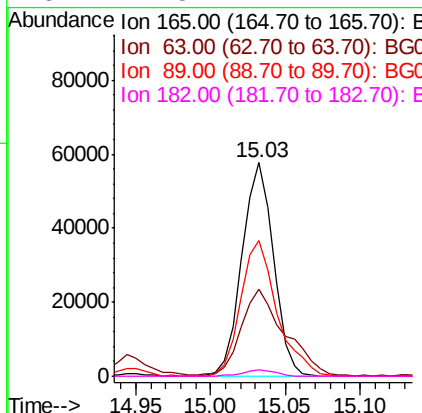
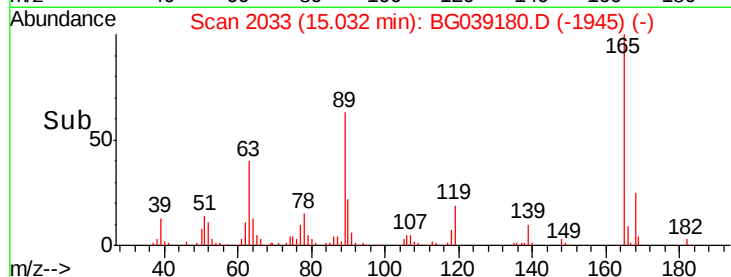
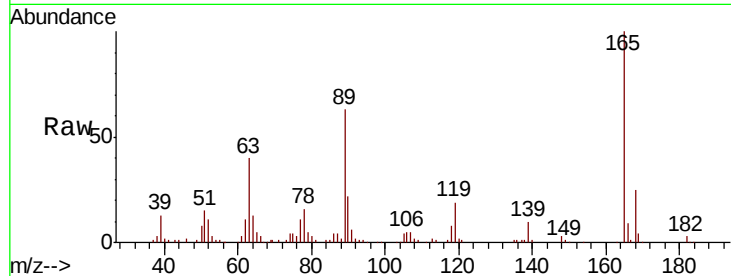
#57  
 2,4-Dinitrotoluene  
 Concen: 34.418 ng  
 RT: 15.03 min Scan# 2033  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 84482 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 40.5  | 30.2  | 45.4  |
| 89        | 63.4  | 53.2  | 79.8  |
| 182       | 2.8   | 2.7   | 4.1   |

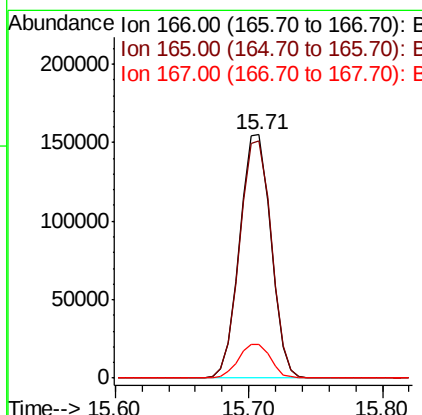
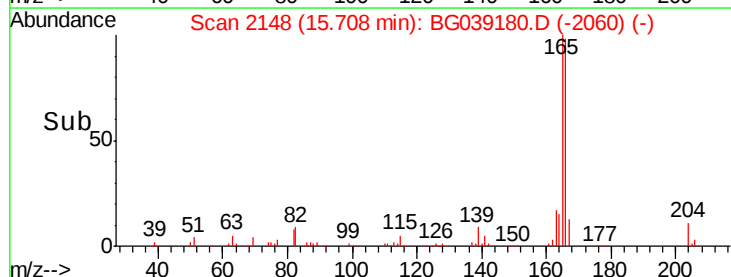
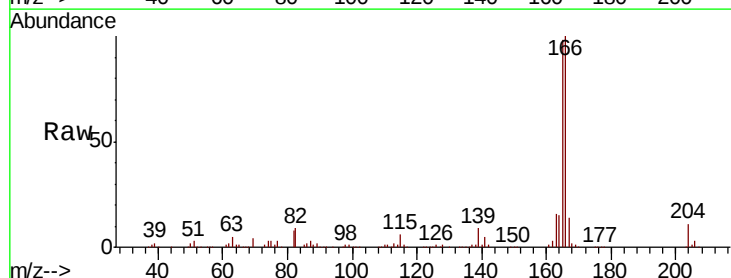
Manual Integrations  
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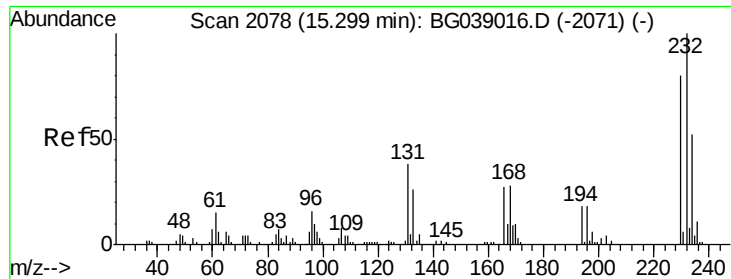
Sohil  
 1/17/2019 2:09:25 PM



#58  
 Fluorene  
 Concen: 36.032 ng  
 RT: 15.71 min Scan# 2148  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 251183 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.6  | 76.2  | 114.2  |
| 167       | 14.0  | 10.6  | 16.0   |





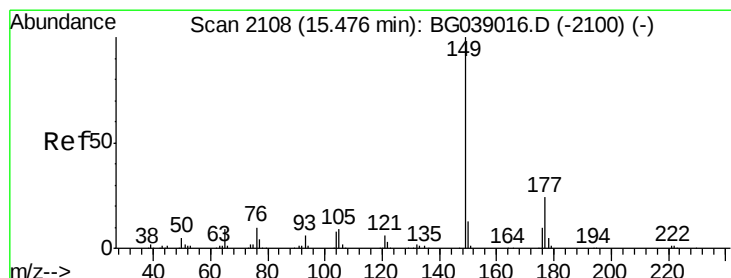
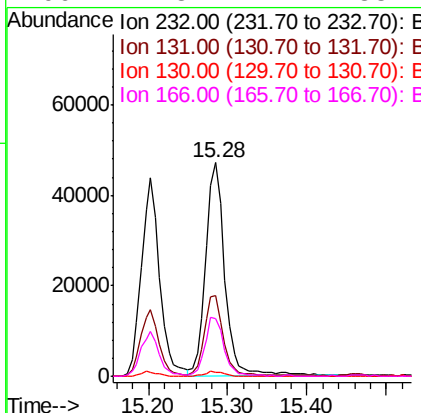
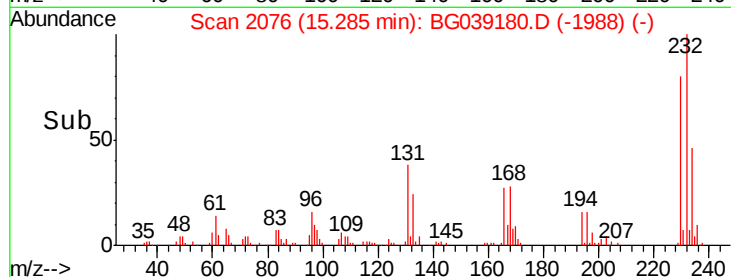
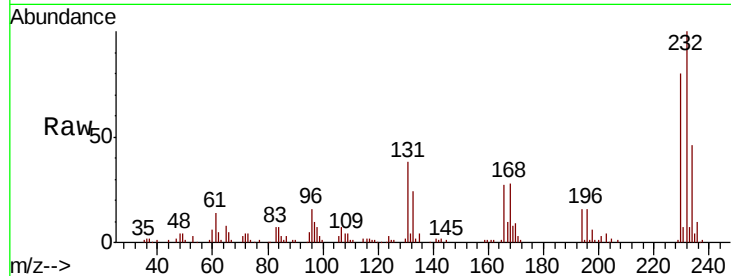
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.096 ng  
RT: 15.28 min Scan# 2076  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 79219 |       |       |
| 131     | 35.6  |       | 30.9  | 46.3  |
| 130     | 2.0   |       | 1.9   | 2.9   |
| 166     | 27.8  |       | 22.1  | 33.1  |

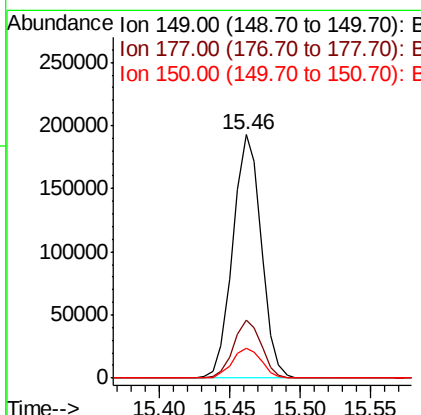
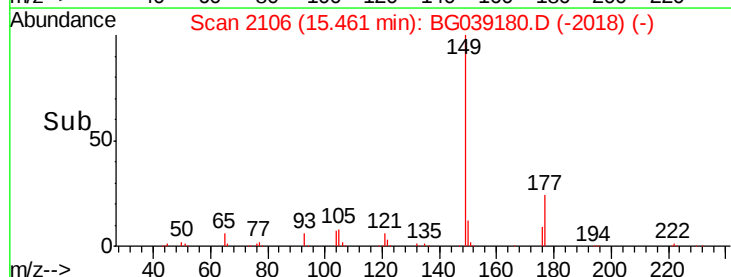
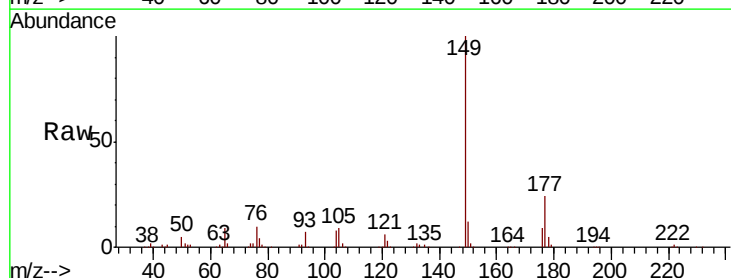
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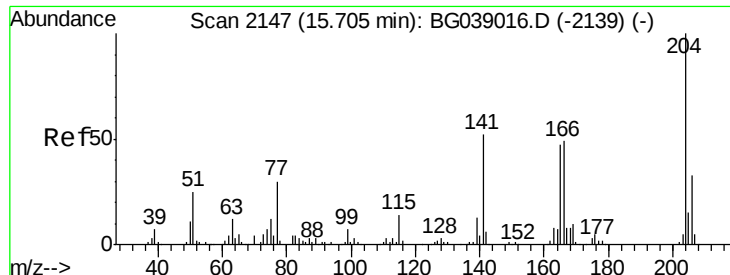
Sohil  
1/17/2019 2:09:25 PM



#60  
Diethylphthalate  
Concen: 34.234 ng  
RT: 15.46 min Scan# 2106  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 269917 |       |       |
| 177     | 23.7  |        | 19.0  | 28.6  |
| 150     | 12.4  |        | 10.2  | 15.4  |





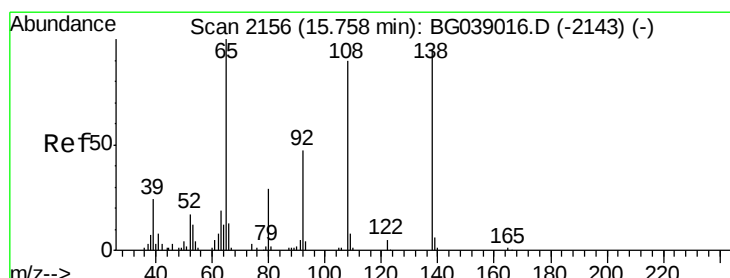
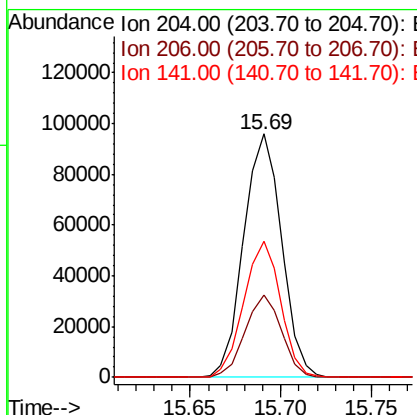
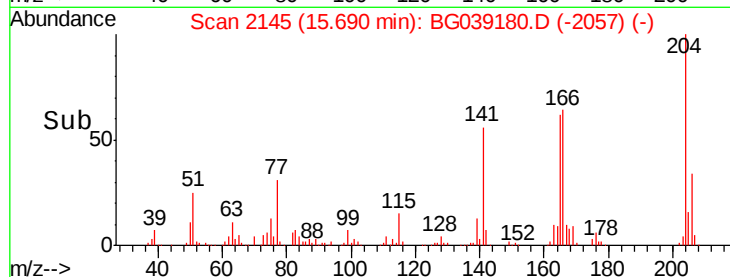
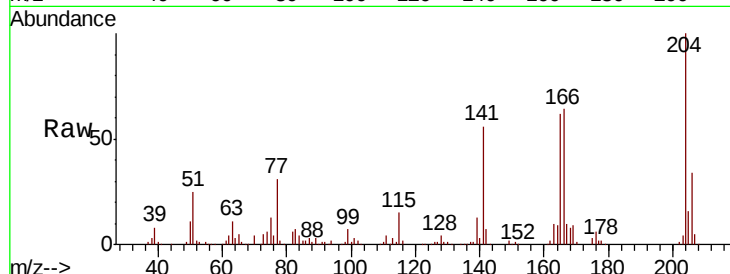
#61  
4-Chlorophenyl-phenylether  
Concen: 31.996 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.7  | 26.6  | 39.8  |
| 141     | 56.0  | 41.4  | 62.0  |

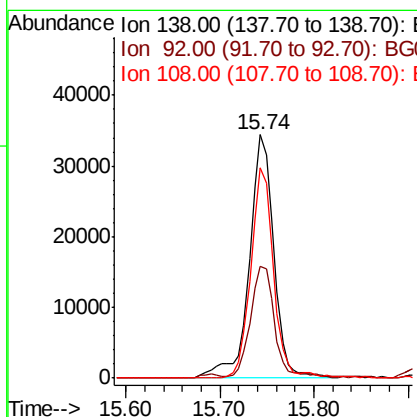
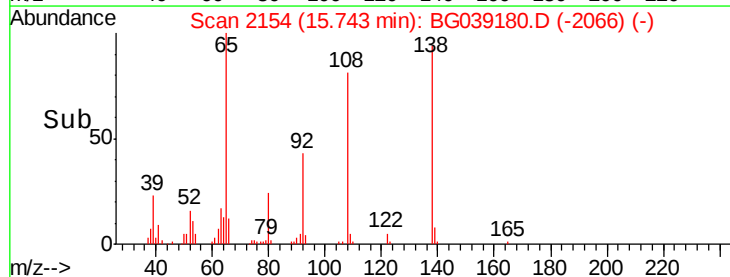
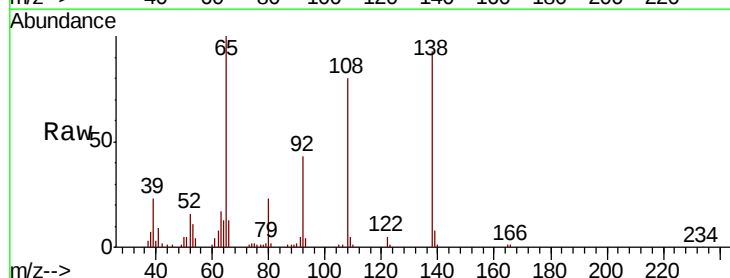
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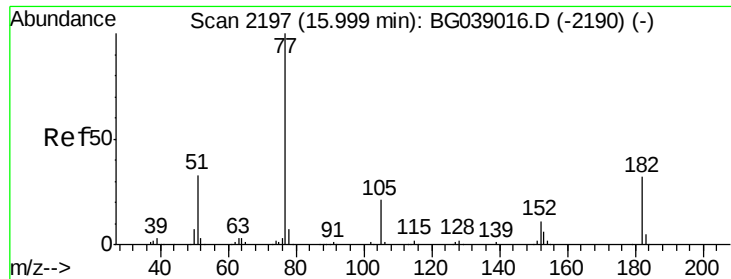
Sohil  
1/17/2019 2:09:25 PM



#62  
4-Nitroaniline  
Concen: 34.410 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.0  | 29.7  | 69.7  |
| 108     | 86.6  | 75.7  | 115.7 |





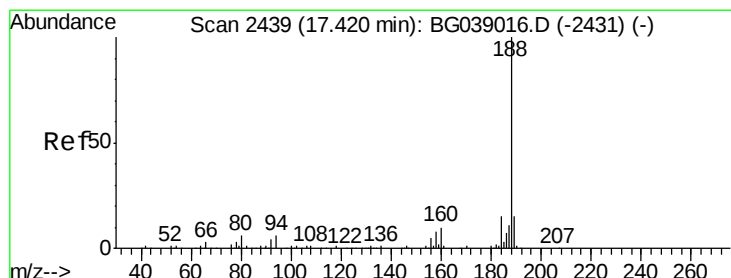
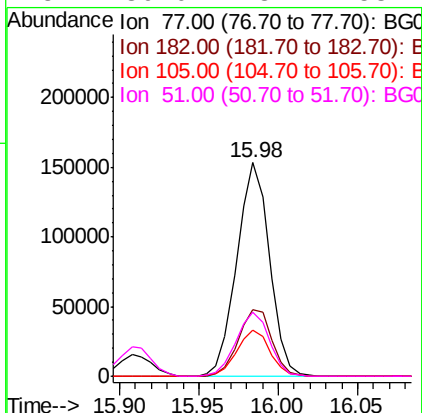
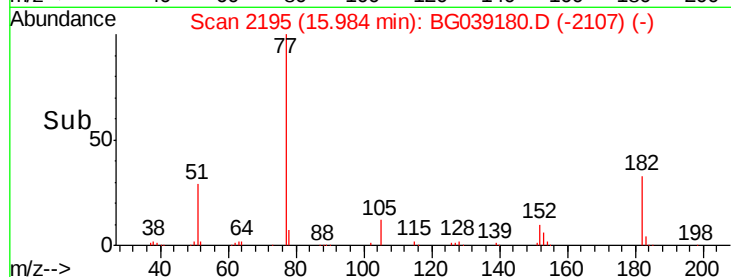
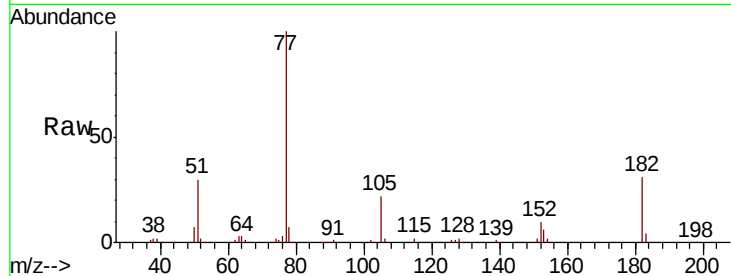
#63  
Azobenzene  
Concen: 35.378 ng  
RT: 15.98 min Scan# 2195  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 31.0 | 12.2  | 52.2 |       |       |
| 105     | 21.8 | 1.2   | 41.2 |       |       |
| 51      | 30.0 | 13.4  | 53.4 |       |       |

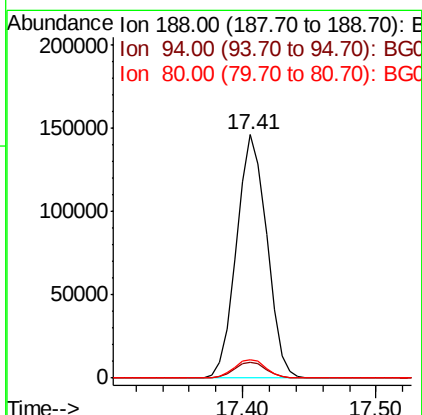
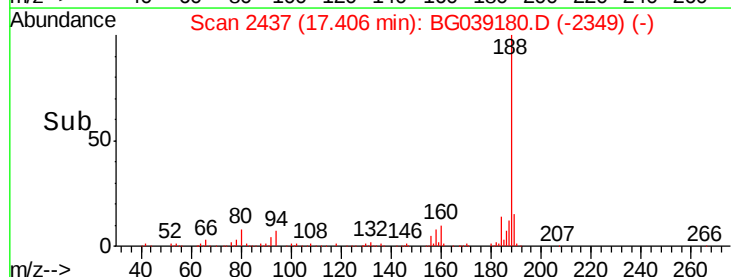
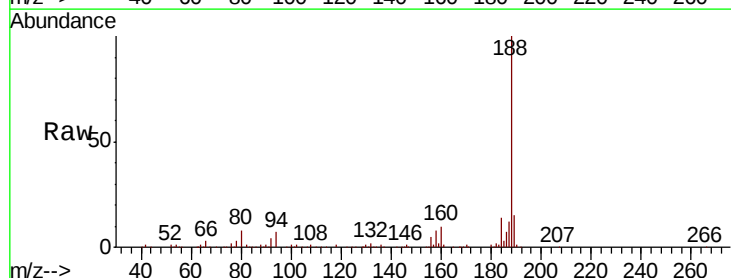
Manual Integrations  
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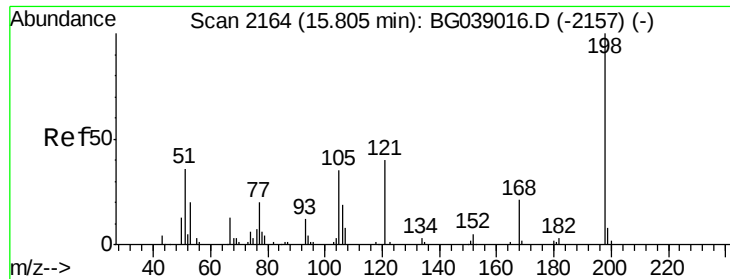
Sohil  
1/17/2019 2:09:25 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2437  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 188     | 100 |       |      |       |       |
| 94      | 6.6 | 5.0   | 7.4  |       |       |
| 80      | 7.7 | 4.7   | 7.1  |       |       |





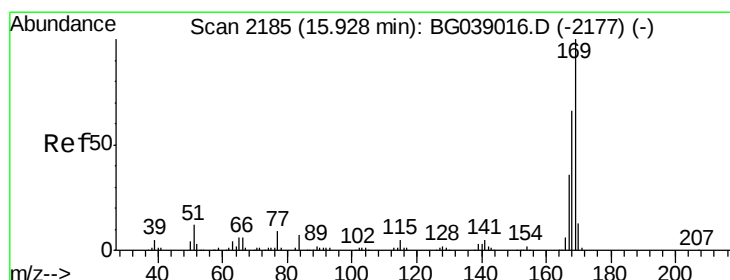
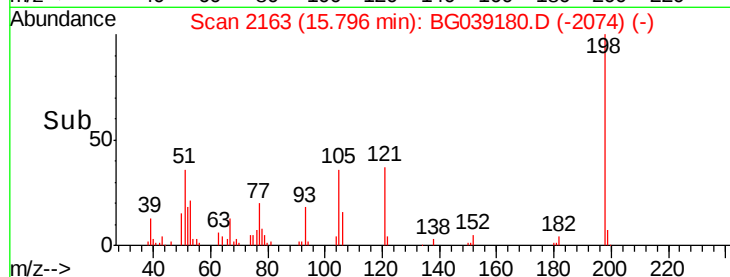
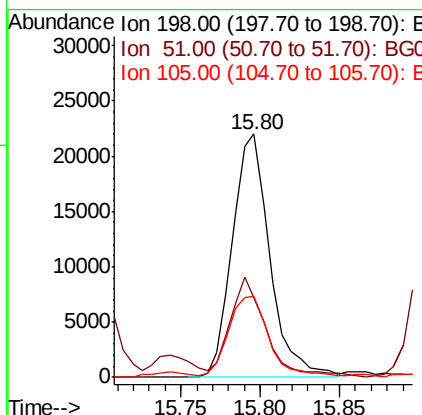
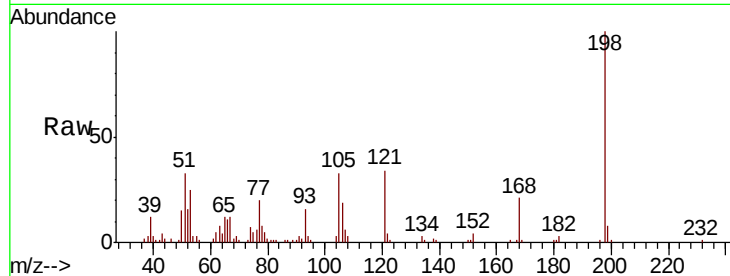
#65  
4,6-Dinitro-2-methylphenol  
Concen: 21.190 ng  
RT: 15.80 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 36159 |       |       |
| 51      | 32.9  |       | 20.8  | 60.8  |
| 105     | 33.3  |       | 16.1  | 56.1  |

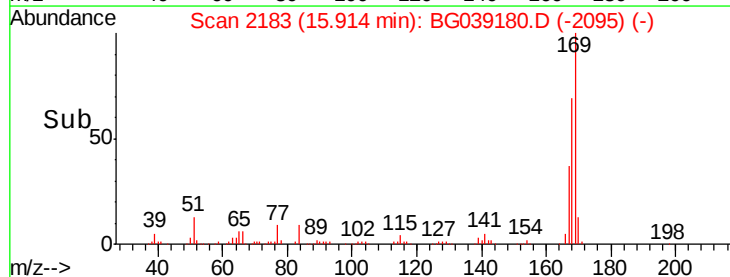
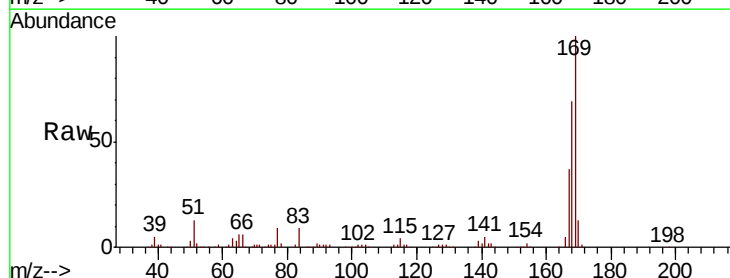
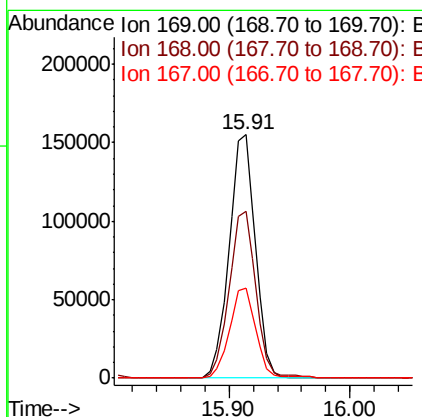
Manual Integrations  
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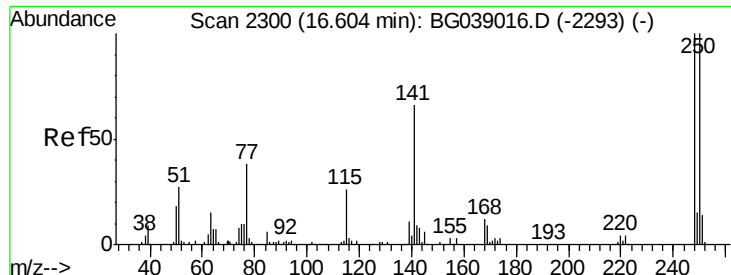
Sohil  
1/17/2019 2:09:25 PM



#66  
n-Nitrosodiphenylamine  
Concen: 34.208 ng  
RT: 15.91 min Scan# 2183  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 233576 |       |       |
| 168     | 68.7  |        | 53.2  | 79.8  |
| 167     | 37.1  |        | 29.1  | 43.7  |





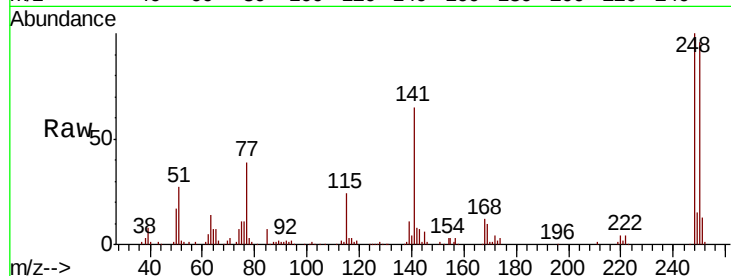
#67  
 4-Bromophenyl-phenylether  
 Concen: 31.175 ng  
 RT: 16.59 min Scan# 2298  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.2  | 79.9  | 119.9 |
| 141     | 64.8  | 52.7  | 79.1  |

Manual Integrations  
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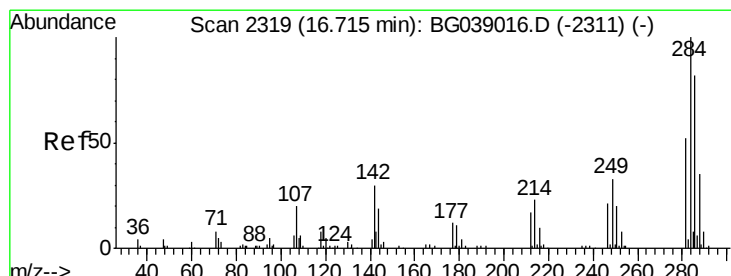
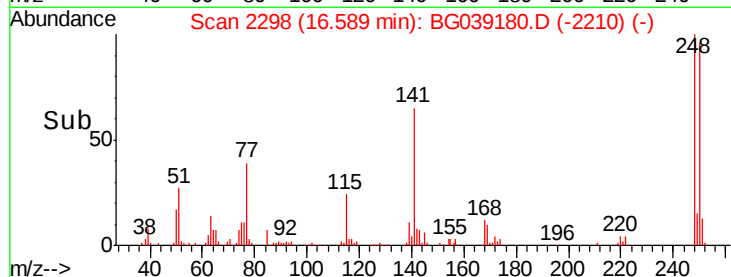
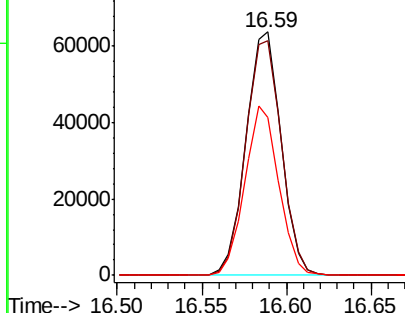


Abundance

Ion 248.00 (247.70 to 248.70): E

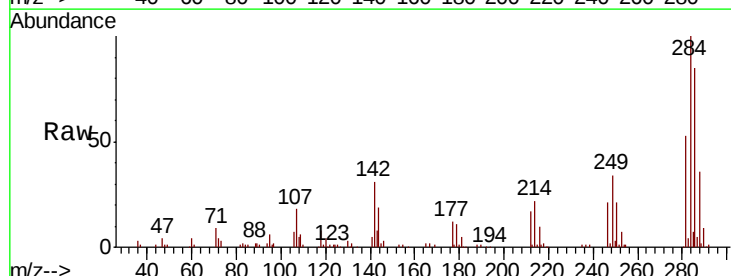
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 30.788 ng  
 RT: 16.70 min Scan# 2317  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.7  | 24.3  | 36.5  |
| 249     | 36.9  | 27.8  | 41.8  |

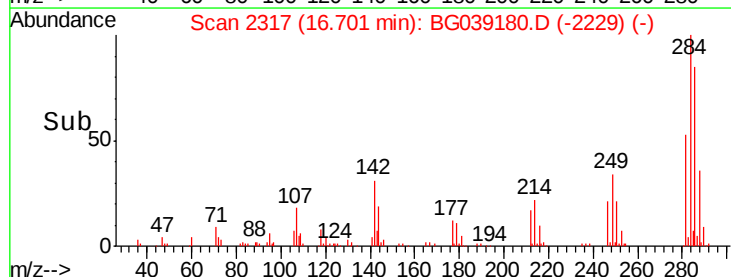
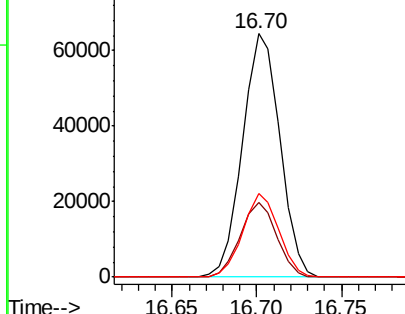


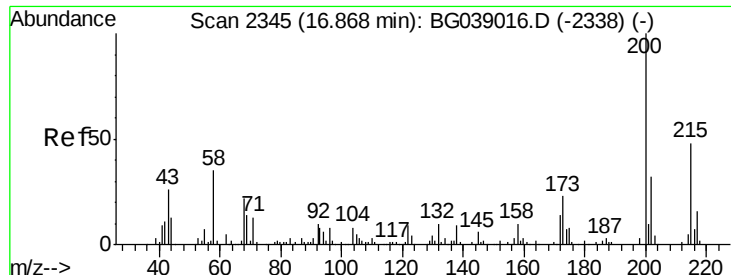
Abundance

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





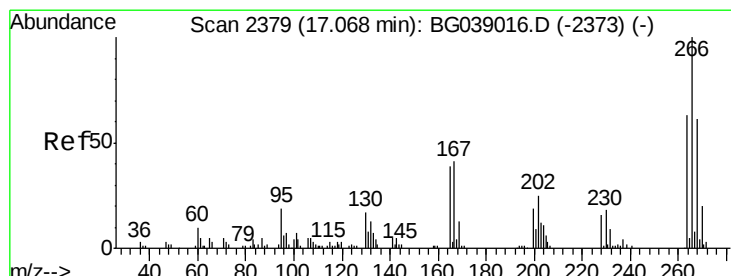
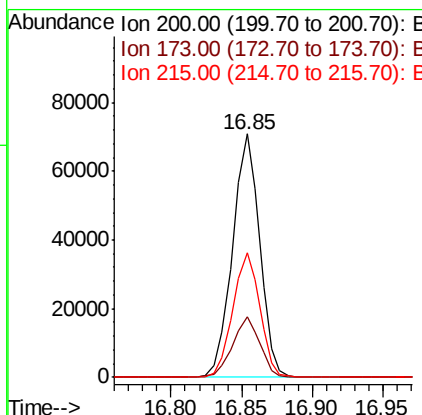
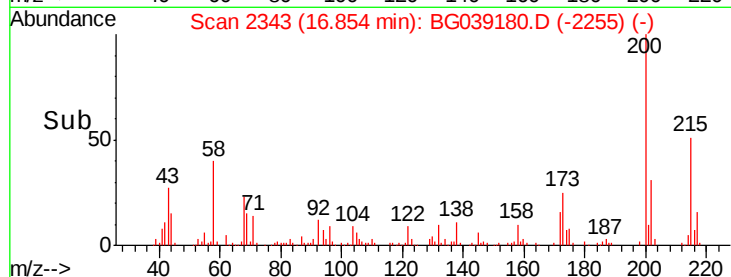
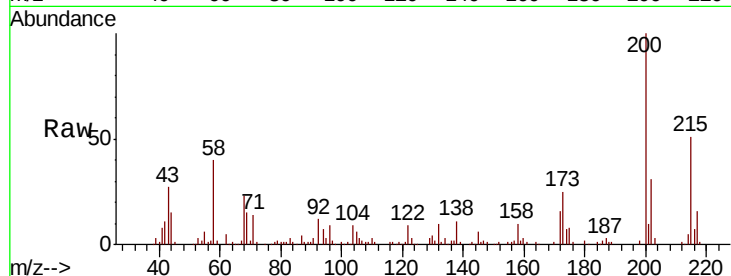
#69  
 Atrazine  
 Concen: 32.662 ng  
 RT: 16.85 min Scan# 2343  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 94745 |       |       |
| 173     | 24.8  | 2.6   | 42.6  |       |
| 215     | 51.1  | 28.0  | 68.0  |       |

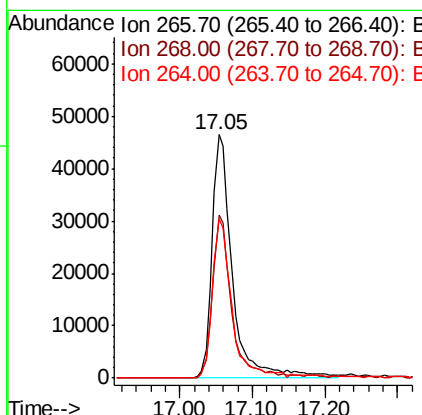
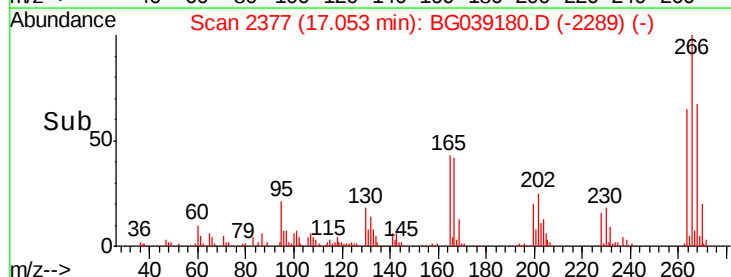
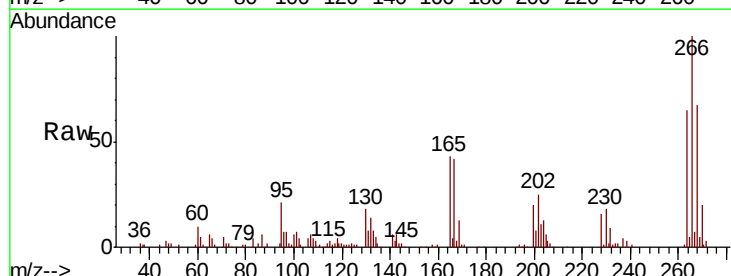
Manual Integrations  
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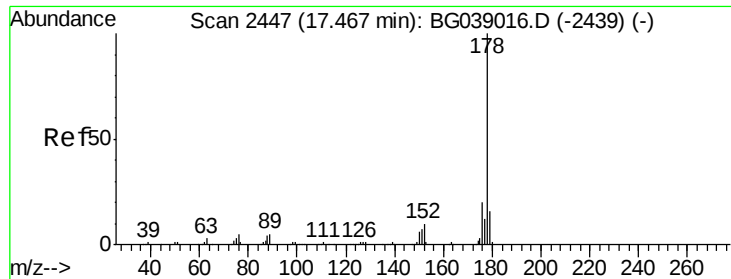
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#70  
 Pentachlorophenol  
 Concen: 48.197 ng  
 RT: 17.05 min Scan# 2377  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 91248 |       |       |
| 268     | 71.4  | 52.0  | 78.0  |       |
| 264     | 65.3  | 54.6  | 81.8  |       |





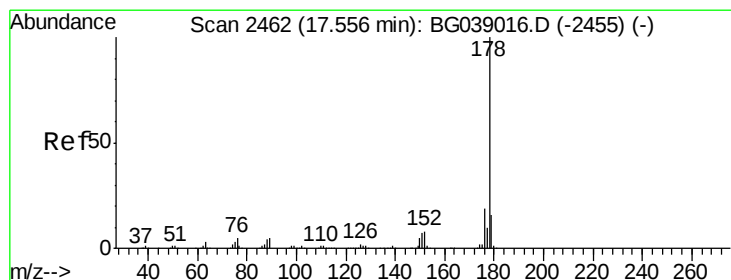
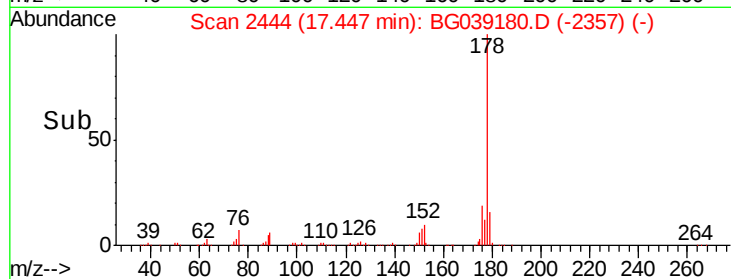
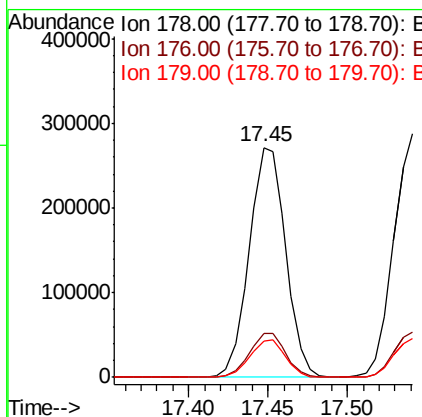
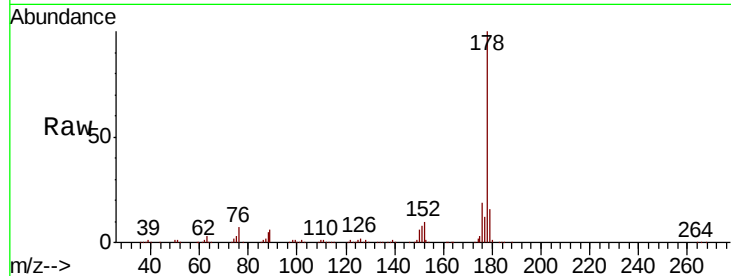
#71  
Phenanthrene  
Concen: 35.630 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. -0.02 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.7  | 23.5  |
| 179     | 16.0  | 12.9  | 19.3  |

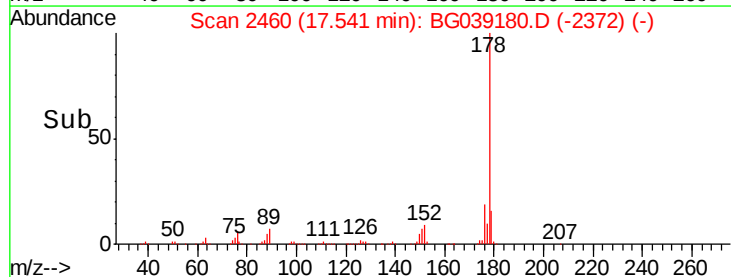
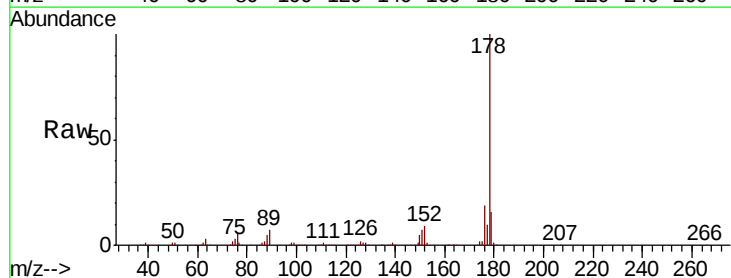
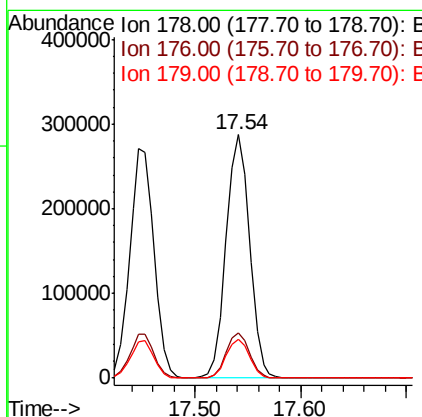
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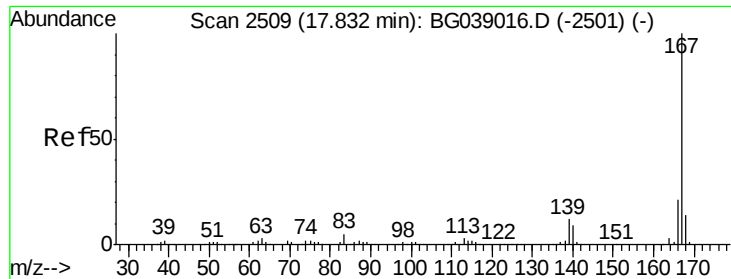
Sohil  
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#72  
Anthracene  
Concen: 36.711 ng  
RT: 17.54 min Scan# 2460  
Delta R.T. -0.01 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 14.9  | 22.3  |
| 179     | 15.9  | 13.0  | 19.4  |





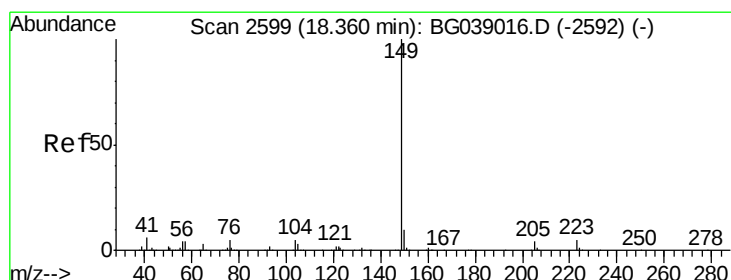
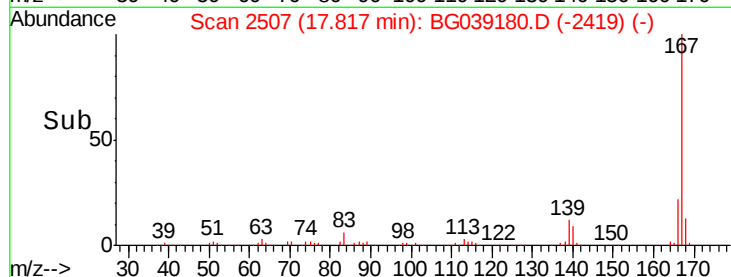
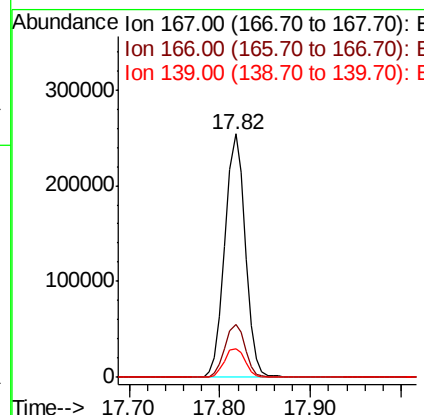
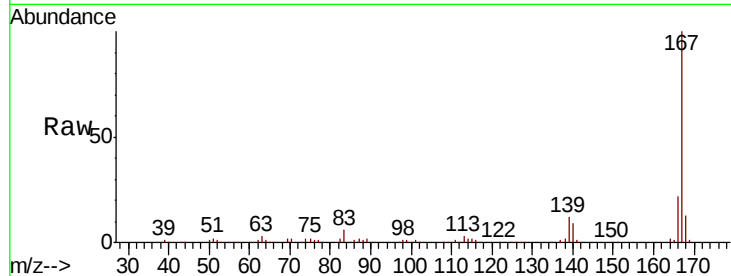
#73  
 Carbazole  
 Concen: 33.404 ng  
 RT: 17.82 min Scan# 2507  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 396950 |       |       |
| 166     | 21.6  | 16.9   | 25.3  |       |
| 139     | 11.8  | 10.0   | 15.0  |       |

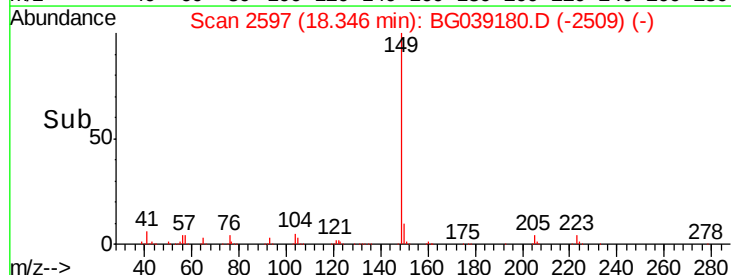
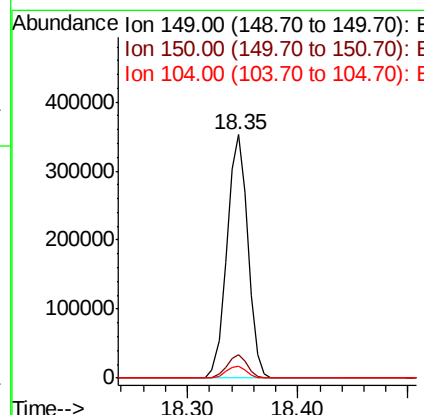
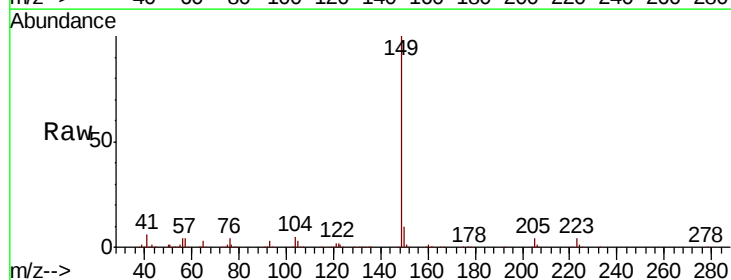
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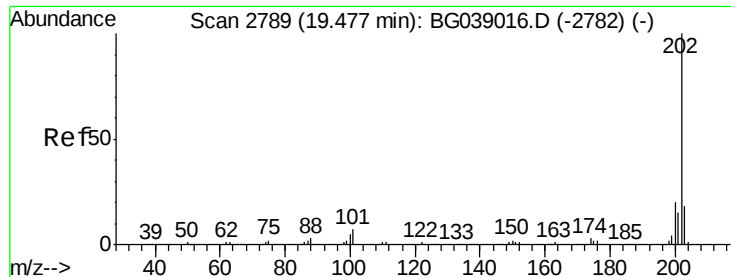
Sohil  
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#74  
 Di-n-butylphthalate  
 Concen: 35.353 ng  
 RT: 18.35 min Scan# 2597  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 467351 |       |       |
| 150     | 9.7   | 7.9    | 11.9  |       |
| 104     | 5.0   | 4.2    | 6.2   |       |





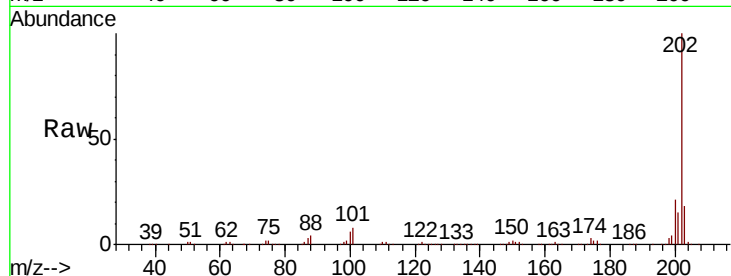
#75  
 Fluoranthene  
 Concen: 35.379 ng  
 RT: 19.46 min Scan# 2786  
 Delta R.T. -0.02 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 8.2   | 0.0        | 26.9  |
| 203     | 18.0  | 0.0        | 38.1  |

Manual Integrations  
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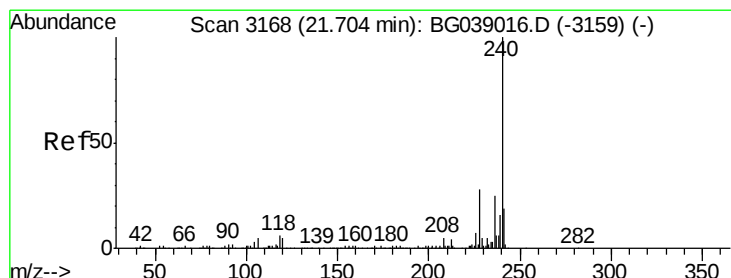
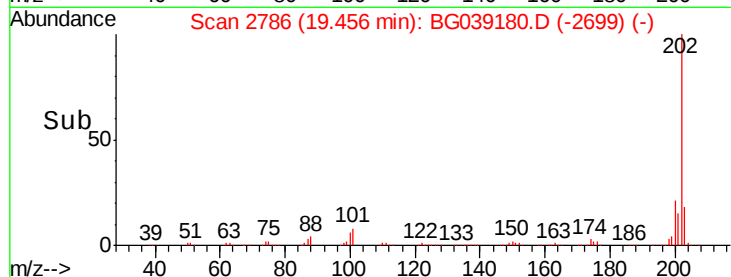
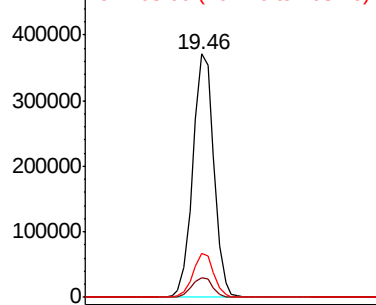


Abundance

Ion 202.00 (201.70 to 202.70): E

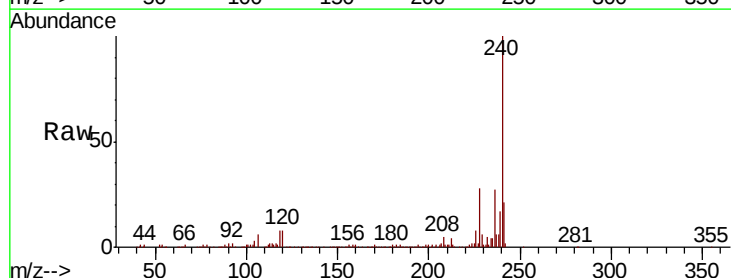
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.68 min Scan# 3165  
 Delta R.T. -0.02 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 8.1   | 4.3        | 6.5#  |
| 236     | 26.7  | 20.1       | 30.1  |

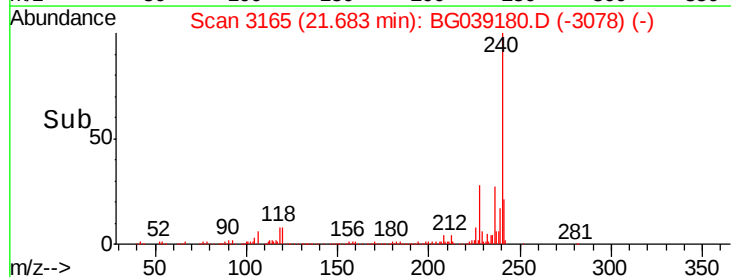
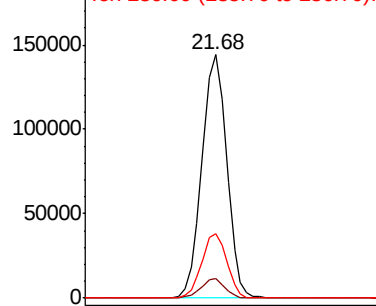


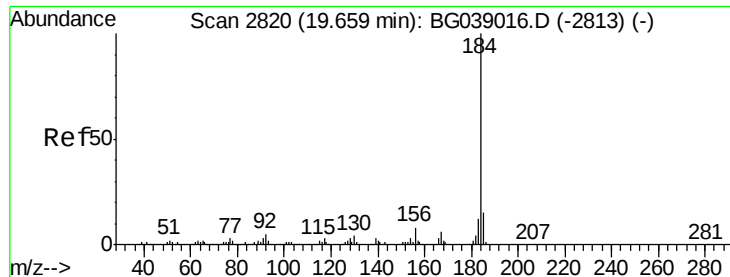
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.456 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

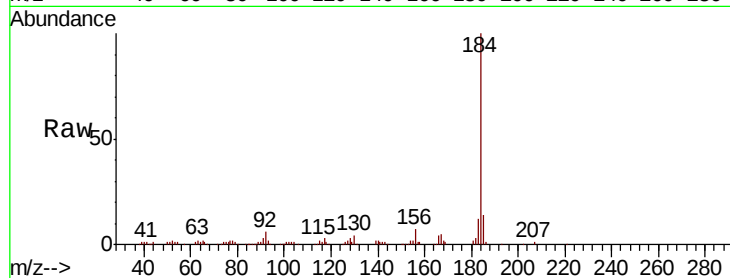
ClientSampleId :

PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.3  | 12.1  | 18.1  |
| 183     | 12.0  | 9.5   | 14.3  |

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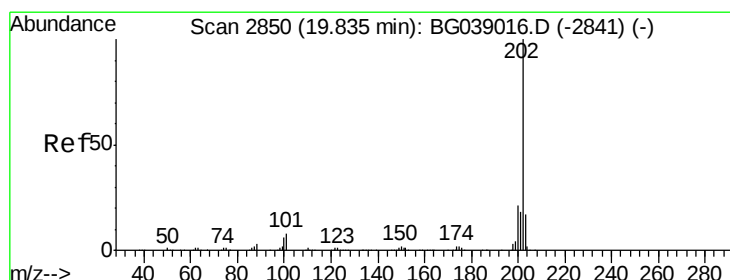
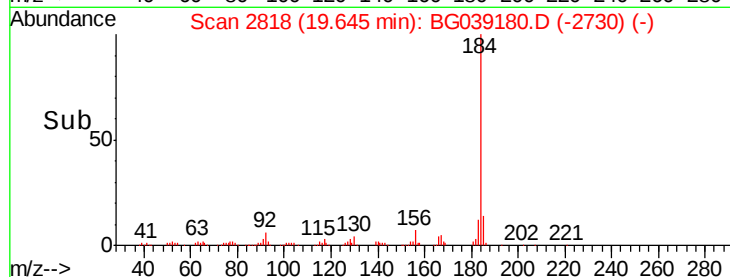
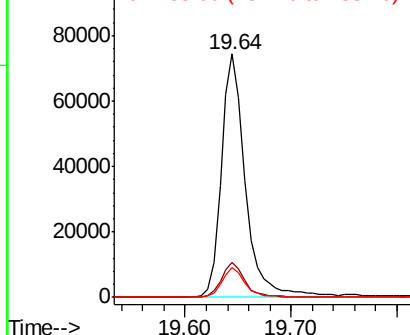


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.382 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

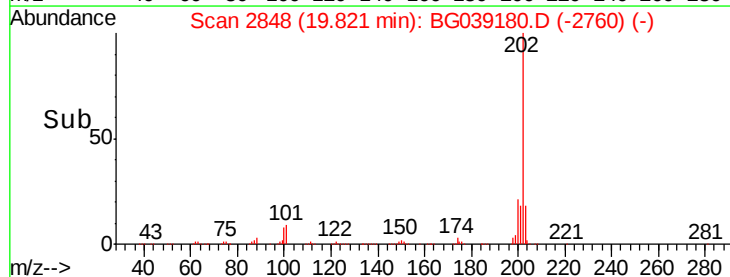
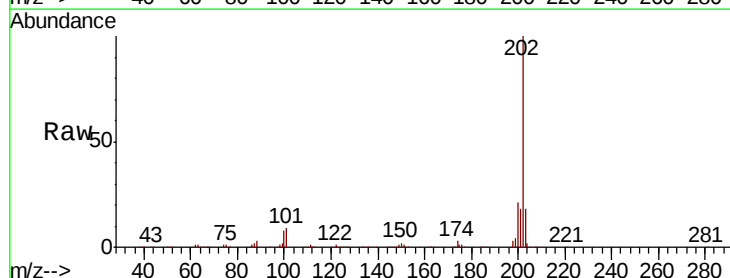
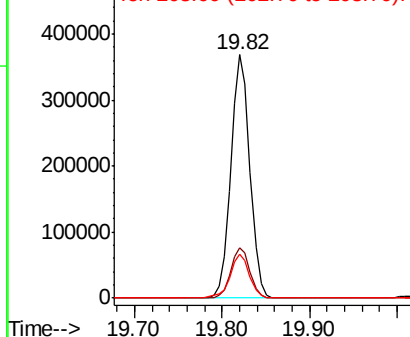
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.9  | 17.0  | 25.6  |
| 203     | 17.8  | 14.0  | 21.0  |

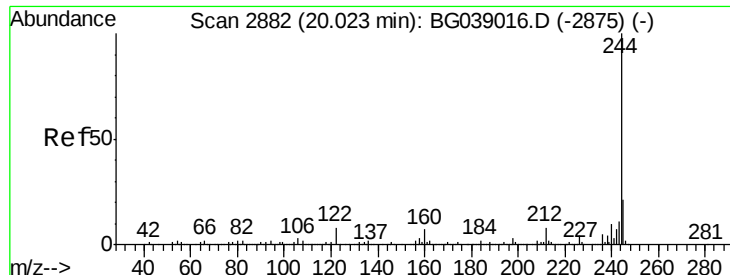
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





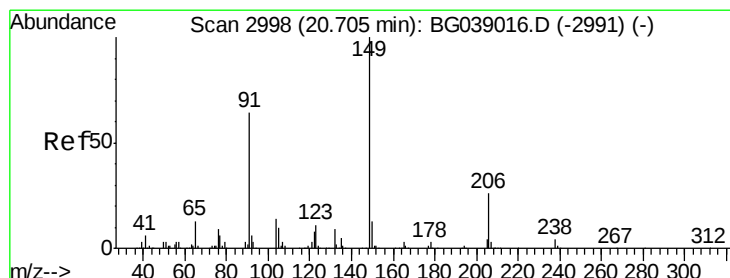
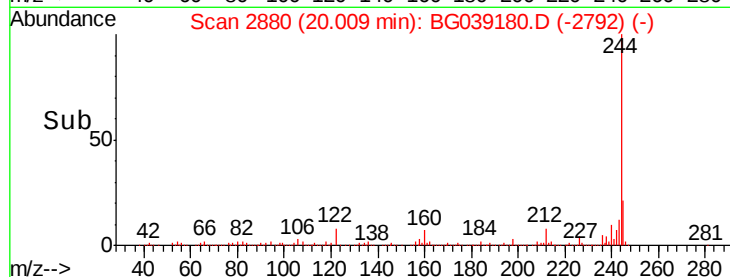
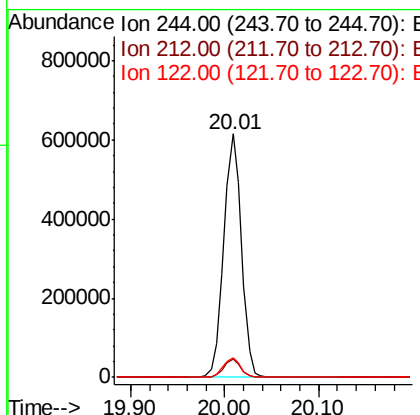
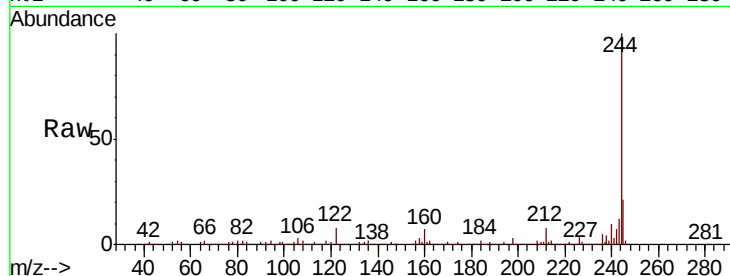
#79  
 Terphenyl-d14  
 Concen: 63.506 ng  
 RT: 20.01 min Scan# 2880  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.8   | 6.1        | 9.1   |
| 122     | 8.0   | 6.1        | 9.1   |

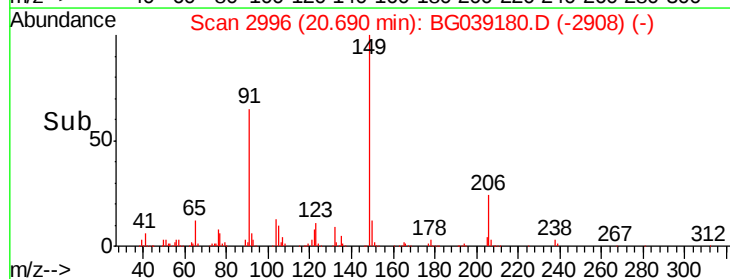
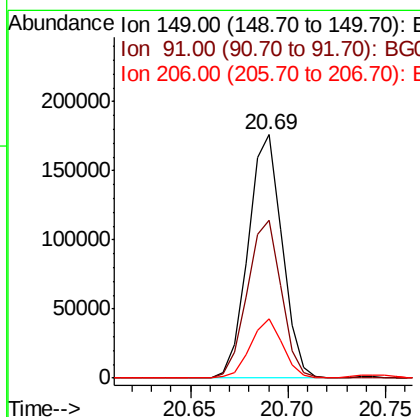
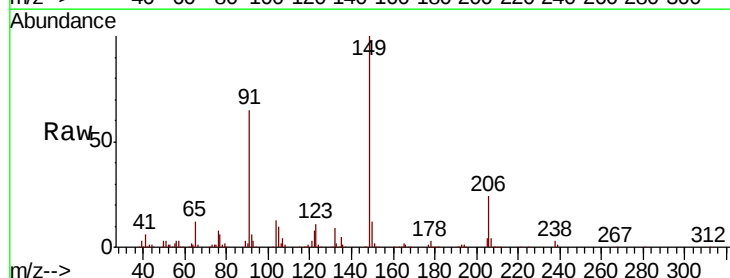
Manual Integrations  
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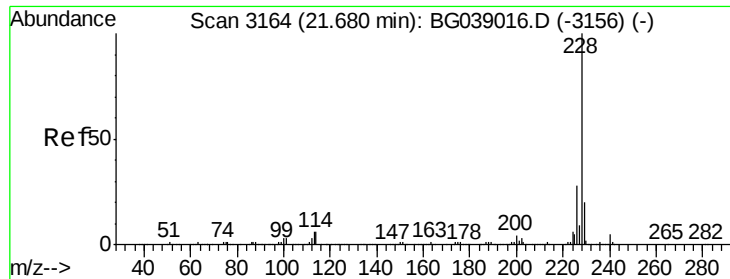
Sohil  
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#80  
 Butylbenzylphthalate  
 Concen: 37.598 ng  
 RT: 20.69 min Scan# 2996  
 Delta R.T. -0.01 min  
 Lab File: BG039180.D  
 Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 64.7  | 51.4       | 77.0  |
| 206     | 24.4  | 20.4       | 30.6  |





#81

Benzo(a)anthracene

Concen: 36.792 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

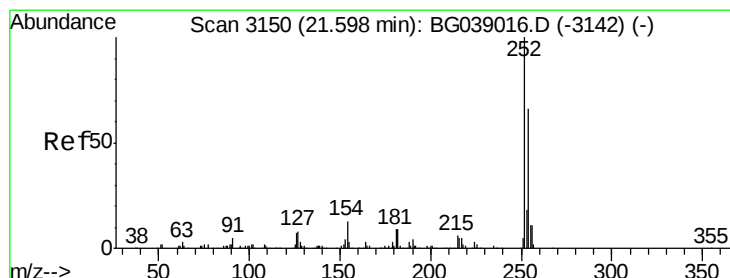
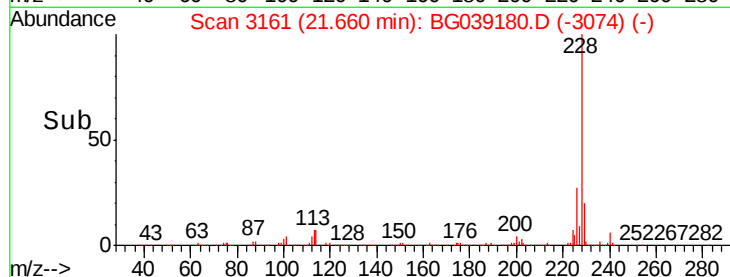
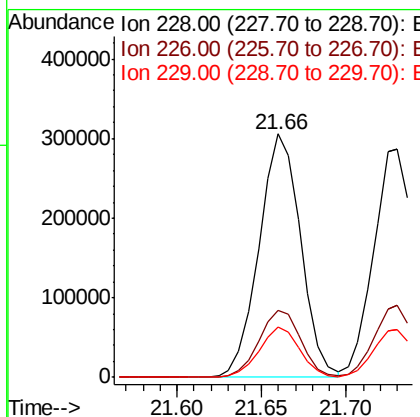
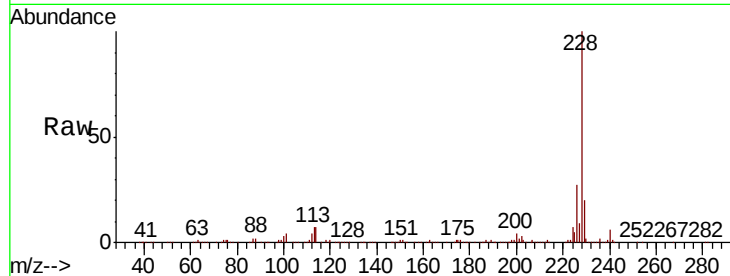
ClientSampleId :

PB116427BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 523501 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.3  | 22.4  | 33.6   |
| 229       | 20.4  | 16.2  | 24.2   |

Manual Integrations  
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#82

3,3'-Dichlorobenzidine

Concen: 16.169 ng

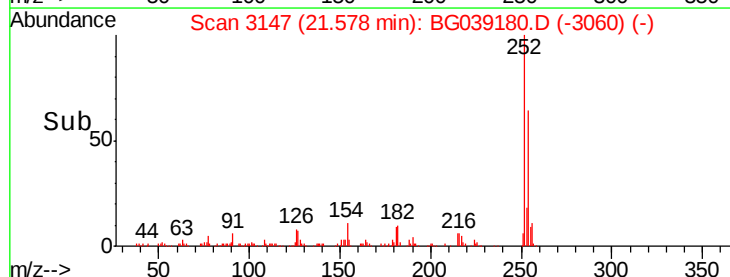
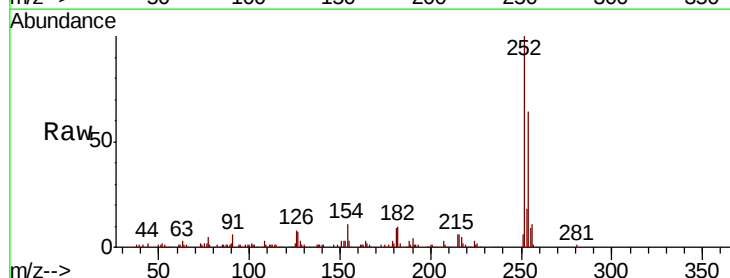
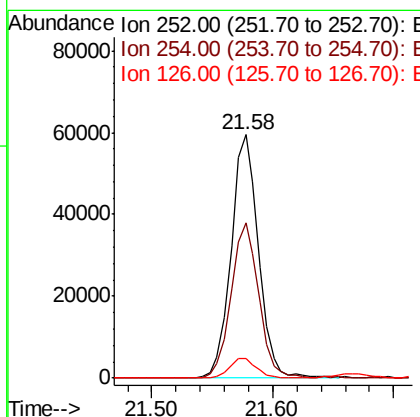
RT: 21.58 min Scan# 3147

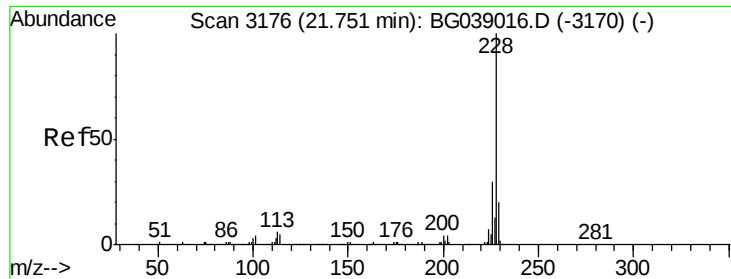
Delta R.T. -0.02 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 93739 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 63.7  | 53.0  | 79.6  |
| 126       | 8.3   | 6.0   | 9.0   |





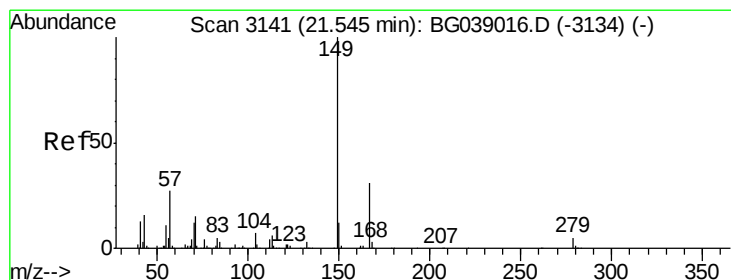
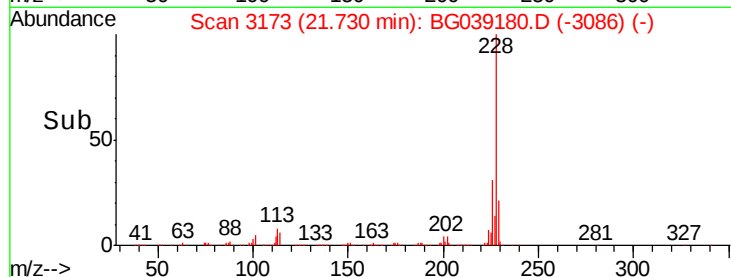
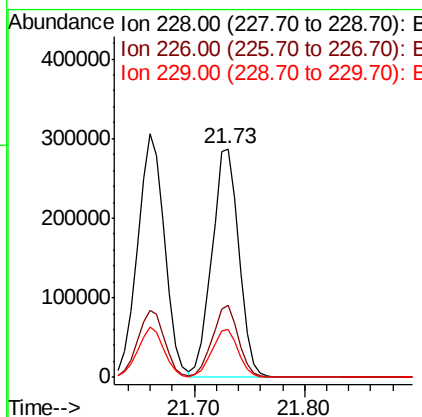
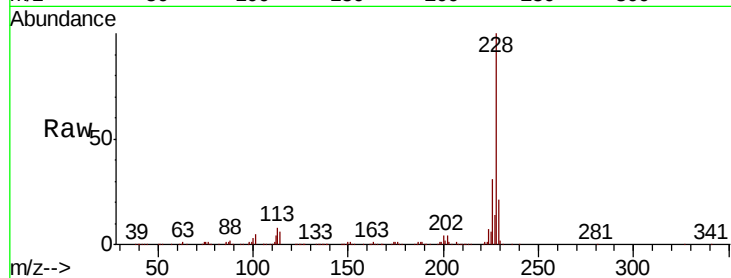
#83  
Chrysene  
Concen: 35.681 ng  
RT: 21.73 min Scan# 3173  
Delta R.T. -0.02 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.5  | 24.1  | 36.1  |
| 229     | 21.0  | 16.0  | 24.0  |

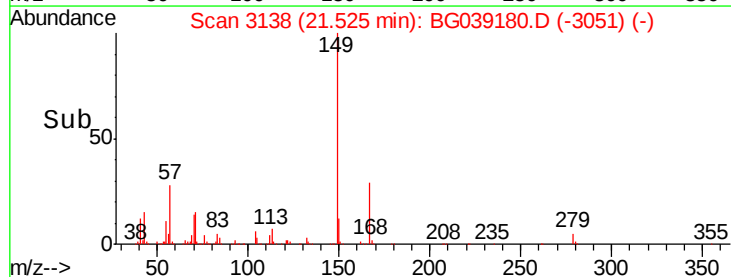
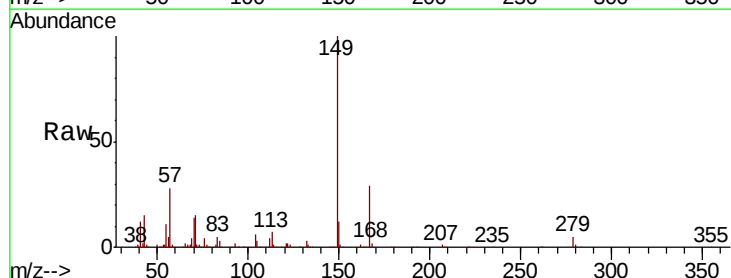
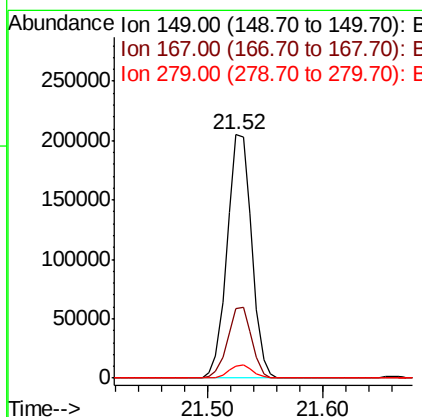
Manual Integrations  
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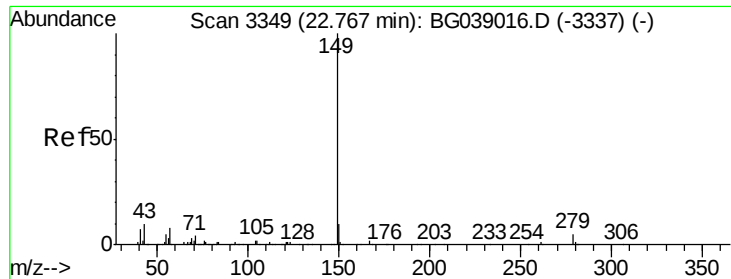
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 38.167 ng  
RT: 21.52 min Scan# 3138  
Delta R.T. -0.02 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.7  | 25.0  | 37.4  |
| 279     | 5.0   | 4.3   | 6.5   |





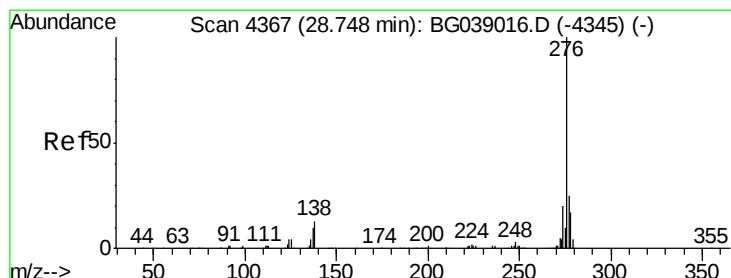
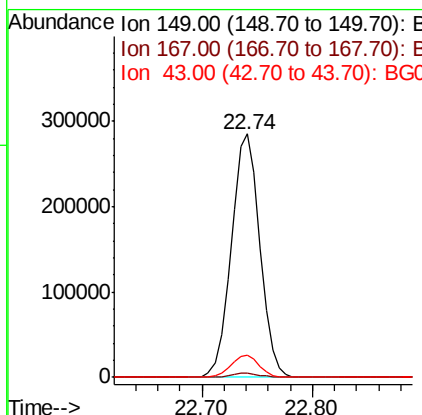
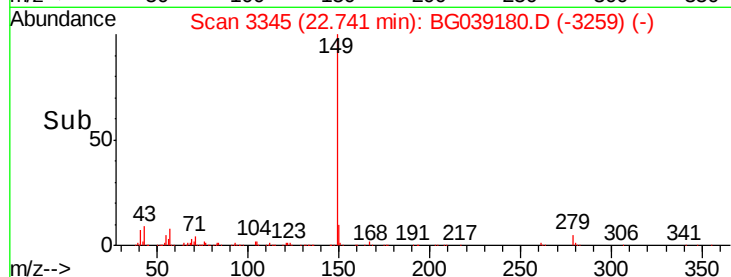
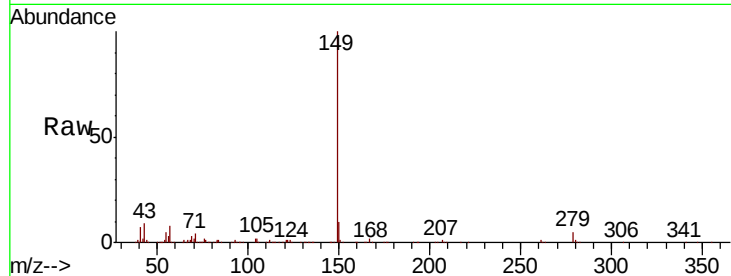
#85  
Di-n-octyl phthalate  
Concen: 38.648 ng  
RT: 22.74 min Scan# 3345  
Delta R.T. -0.03 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 514088 |       |       |
| 167     | 1.7   |        | 1.3   | 1.9   |
| 43      | 9.2   |        | 7.5   | 11.3  |

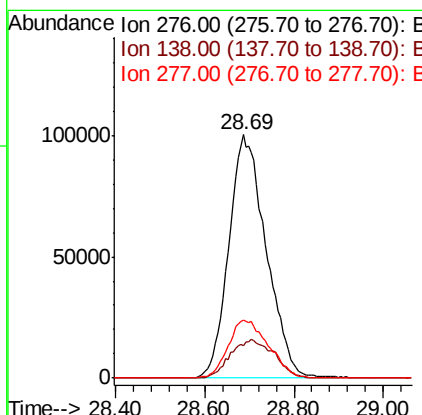
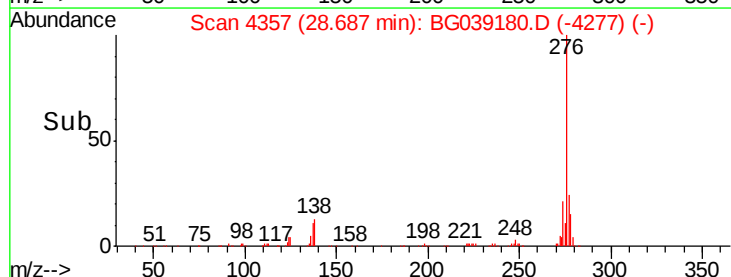
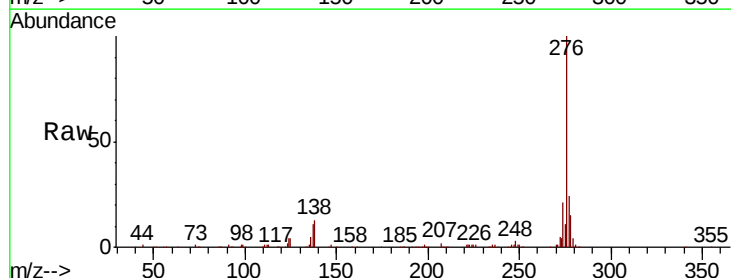
Manual Integrations  
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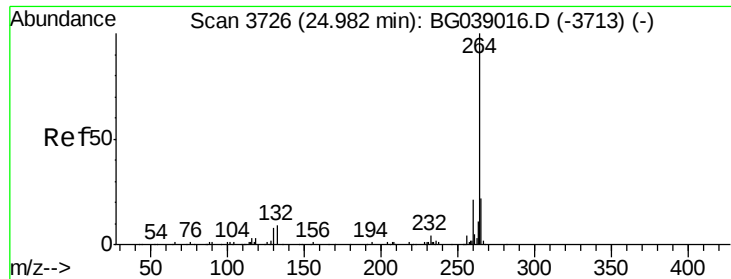
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 36.107 ng  
RT: 28.69 min Scan# 4357  
Delta R.T. -0.06 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 583871 |       |       |
| 138     | 18.5  |        | 8.0   | 12.0# |
| 277     | 25.6  |        | 20.3  | 30.5  |





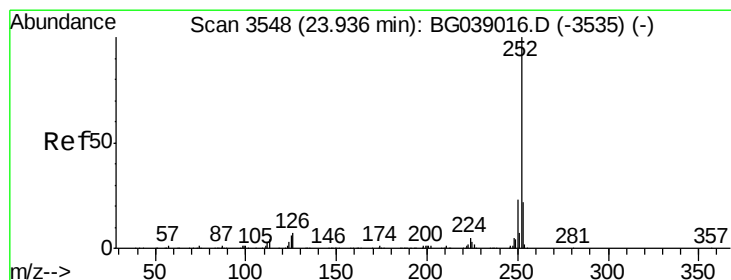
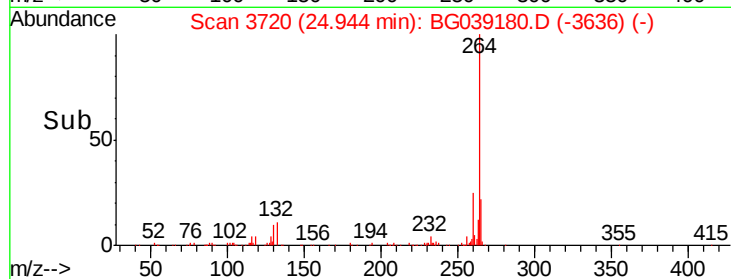
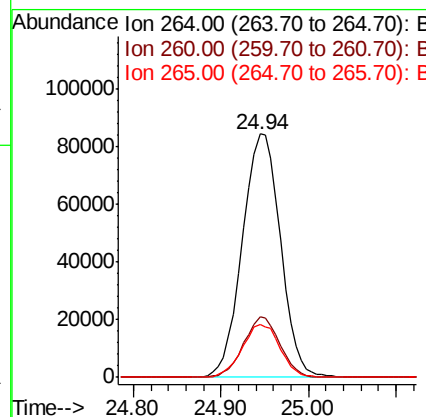
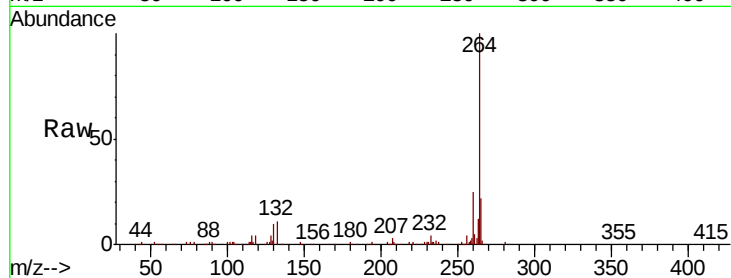
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.94 min Scan# 3720  
Delta R.T. -0.04 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 17.0  | 25.6  |
| 265     | 21.6  | 17.2  | 25.8  |

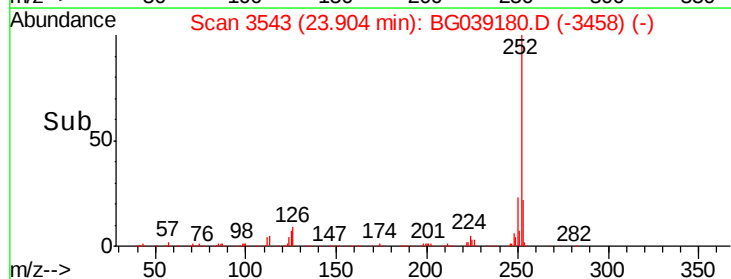
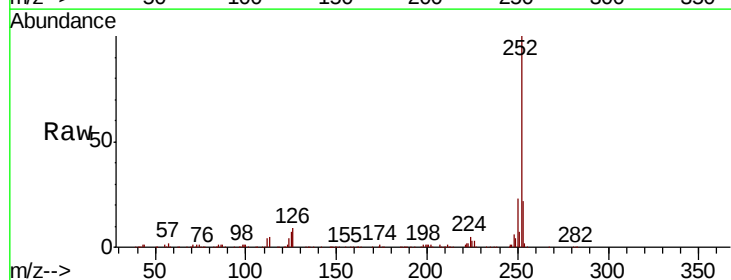
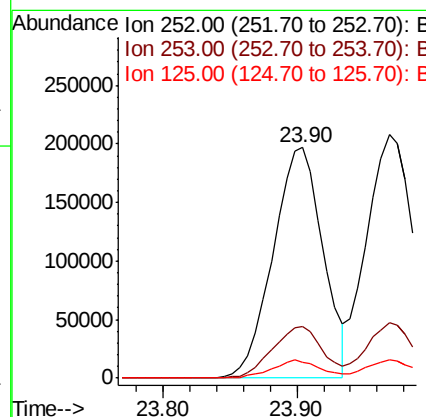
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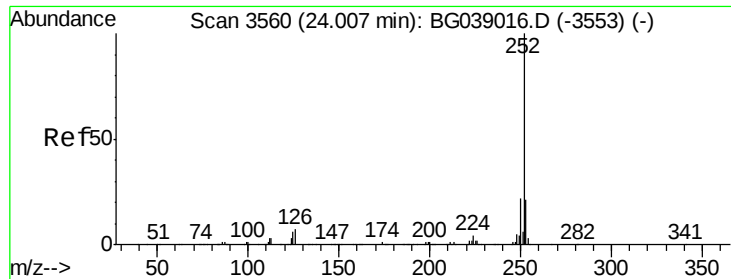
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#88  
Benzo(b)fluoranthene  
Concen: 36.969 ng  
RT: 23.90 min Scan# 3543  
Delta R.T. -0.03 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.6  |
| 125     | 7.0   | 4.9   | 7.3   |





#89

Benzo(k)fluoranthene

Concen: 37.345 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.04 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

Instrument :

BNA\_G

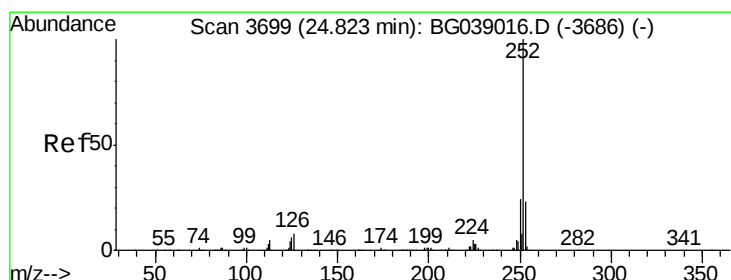
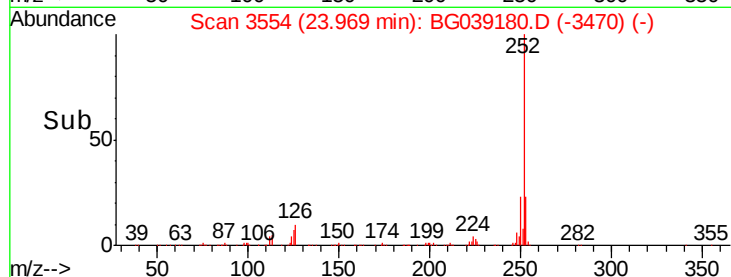
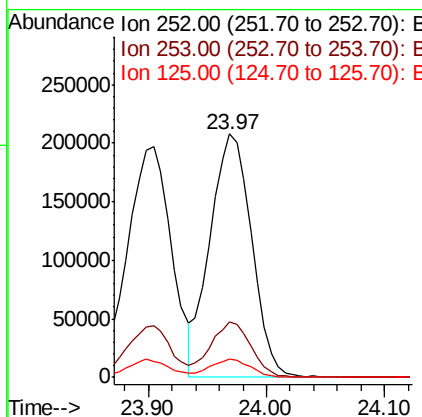
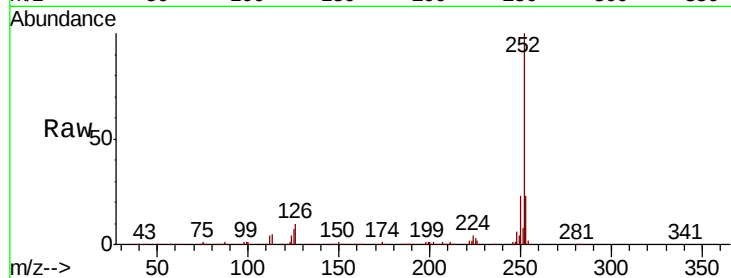
ClientSampleID :

PB116427BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 510124 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.6  | 17.1  | 25.7   |
| 125       | 7.4   | 4.6   | 7.0#   |

Manual Integrations  
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#90

Benzo(a)pyrene

Concen: 37.767 ng

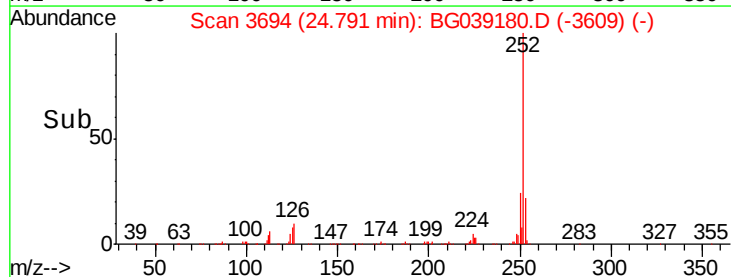
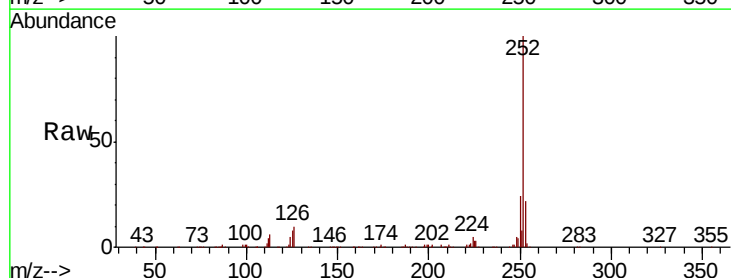
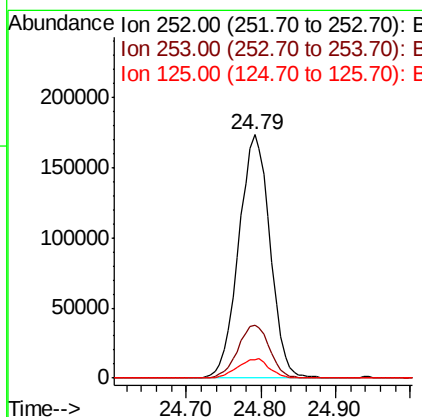
RT: 24.79 min Scan# 3694

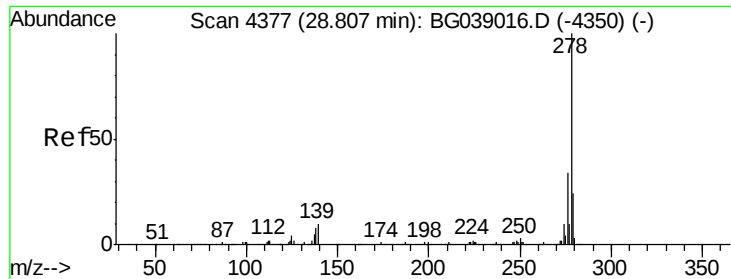
Delta R.T. -0.03 min

Lab File: BG039180.D

Acq: 17 Jan 2019 6:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 504344 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.6  | 18.3  | 27.5   |
| 125       | 7.6   | 4.9   | 7.3#   |





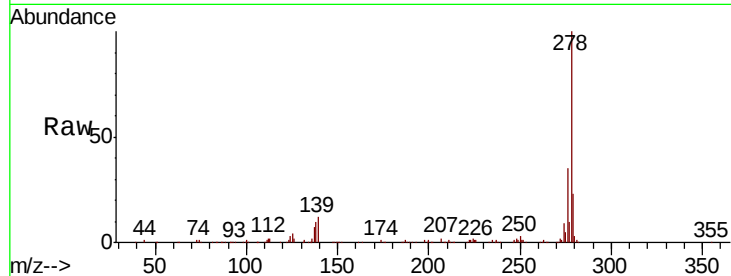
#91  
Dibenzo(a,h)anthracene  
Concen: 36.543 ng  
RT: 28.75 min Scan# 4368  
Delta R.T. -0.06 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB116427BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.7  | 7.9   | 11.9  |
| 279     | 23.2  | 19.3  | 28.9  |

Manual Integrations  
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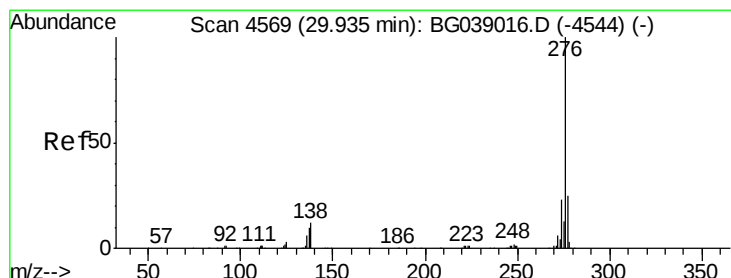
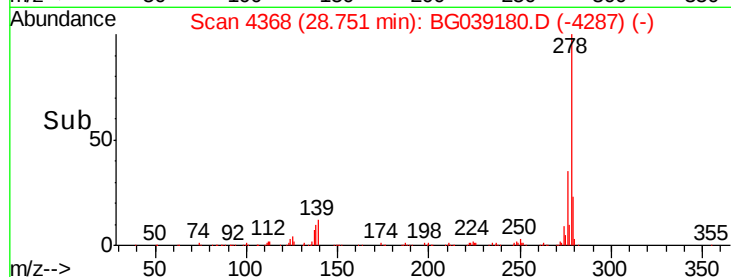
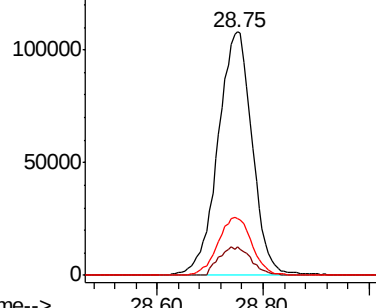


Abundance

Ion 278.00 (277.70 to 278.70): E

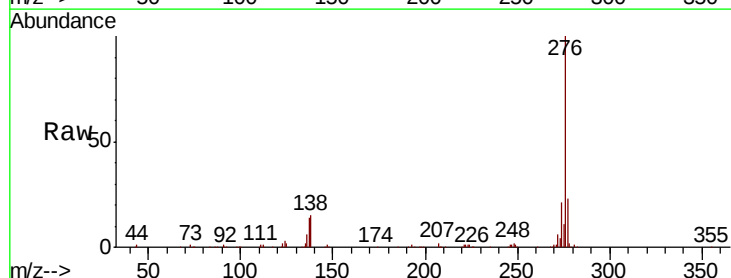
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 37.259 ng  
RT: 29.87 min Scan# 4558  
Delta R.T. -0.07 min  
Lab File: BG039180.D  
Acq: 17 Jan 2019 6:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 20.3  | 30.5  |
| 138     | 15.0  | 9.4   | 14.2# |



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

