

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\  
 Data File : BG031524.D  
 Acq On : 13 Dec 2017 12:50  
 Operator : SJ/JU  
 Sample : PB104960BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

Manual Integrations  
 APPROVED

Sohil  
 12/15/2017 7:47:48 PM

Quant Time: Dec 13 15:26:55 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 17:25:55 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 50538    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.92 | 136  | 216383   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.73 | 164  | 151008   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.47 | 188  | 437879   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.75 | 240  | 520805   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.04 | 264  | 524352   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.67  | 112 | 338696  | 118.79 | ng | 0.00 |
| 7) Phenol-d6             | 7.28  | 99  | 444879  | 112.40 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.27  | 82  | 367915  | 104.80 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.22 | 330 | 233548  | 132.01 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.35 | 172 | 1072044 | 104.21 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.07 | 244 | 2087903 | 91.21  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 54753   | 40.247 | ng | # 80   |
| 3) Pyridine                    | 3.92  | 79  | 147313  | 41.128 | ng | 85     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 67925   | 40.261 | ng | # 93   |
| 6) Aniline                     | 7.42  | 93  | 117335  | 22.510 | ng | 92     |
| 8) 2-Chlorophenol              | 7.68  | 128 | 172818  | 54.339 | ng | 85     |
| 9) Benzaldehyde                | 7.24  | 77  | 41504   | 18.090 | ng | 83     |
| 10) Phenol                     | 7.31  | 94  | 217802  | 53.565 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 148843  | 44.850 | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 180922m | 47.837 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146 | 182751  | 46.493 | ng | 92     |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 172335  | 46.026 | ng | 98     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 140994  | 45.537 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45  | 215737  | 57.864 | ng | 92     |
| 17) 2-Methylphenol             | 8.56  | 107 | 146305  | 52.785 | ng | 95     |
| 18) Hexachloroethane           | 9.19  | 117 | 62695   | 47.318 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 117761  | 37.800 | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.89  | 107 | 198661  | 48.114 | ng | 95     |
| 22) Acetophenone               | 8.93  | 105 | 232138  | 44.719 | ng | # 92   |
| 24) Nitrobenzene               | 9.32  | 77  | 178806  | 49.704 | ng | 91     |
| 25) Isophorone                 | 9.84  | 82  | 339038  | 51.102 | ng | # 91   |
| 26) 2-Nitrophenol              | 10.03 | 139 | 98423   | 55.330 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 10.09 | 122 | 166911  | 61.768 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93  | 213044  | 49.739 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 10.58 | 162 | 190692  | 59.896 | ng | 90     |
| 30) 1,2,4-Trichlorobenzene     | 10.78 | 180 | 201819  | 49.627 | ng | 96     |
| 31) Naphthalene                | 10.97 | 128 | 508539  | 47.839 | ng | 99     |
| 32) Benzoic acid               | 10.25 | 122 | 69709   | 44.961 | ng | 86     |
| 33) 4-Chloroaniline            | 11.10 | 127 | 51837   | 11.231 | ng | # 93   |
| 34) Hexachlorobutadiene        | 11.25 | 225 | 127389  | 47.225 | ng | 96     |
| 35) Caprolactam                | 11.85 | 113 | 79176m  | 63.334 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.21 | 107 | 194913  | 53.635 | ng | # 82   |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 407135  | 49.466 | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 251127  | 42.551 | ng | 95     |
| 40) Hexachlorocyclopentadiene  | 12.91 | 237 | 187822  | 88.112 | ng | 94     |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

Manual Integrations  
 APPROVED

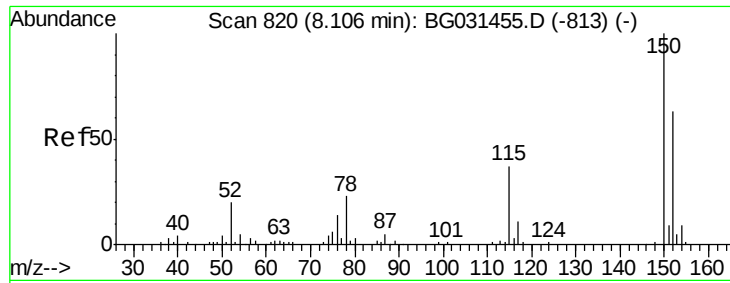
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 12/15/2017 7:47:48 PM

Quant Time: Dec 13 15:26:55 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 17:25:55 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.18 | 196  | 170559   | 56.565  | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.26 | 196  | 186911   | 57.545  | nq #  | 92       |
| 45) 1,1'-Biphenyl              | 13.56 | 154  | 537980   | 43.376  | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.61 | 162  | 448640   | 49.421  | nq    | 96       |
| 47) 2-Nitroaniline             | 13.82 | 65   | 126934   | 49.761  | nq #  | 81       |
| 48) Acenaphthylene             | 14.46 | 152  | 695387   | 47.607  | nq    | 98       |
| 49) Dimethylphthalate          | 14.18 | 163  | 646623   | 51.722  | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.30 | 165  | 143259   | 53.610  | nq #  | 75       |
| 51) Acenaphthene               | 14.79 | 154  | 434279   | 47.020  | nq    | 97       |
| 52) 3-Nitroaniline             | 14.65 | 138  | 50321    | 18.473  | nq #  | 85       |
| 53) 2,4-Dinitrophenol          | 14.86 | 184  | 136952   | 117.967 | nq #  | 48       |
| 54) Dibenzofuran               | 15.13 | 168  | 723610   | 49.097  | nq    | 100      |
| 55) 4-Nitrophenol              | 14.97 | 139  | 219877   | 117.711 | nq #  | 79       |
| 56) 2,4-Dinitrotoluene         | 15.10 | 165  | 218710   | 57.624  | nq #  | 72       |
| 57) Fluorene                   | 15.78 | 166  | 591214   | 50.063  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 190603   | 62.431  | nq #  | 90       |
| 59) Diethylphthalate           | 15.53 | 149  | 667640   | 53.277  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.76 | 204  | 350281   | 48.481  | nq    | 92       |
| 61) 4-Nitroaniline             | 15.81 | 138  | 162893   | 56.983  | nq    | 87       |
| 62) Azobenzene                 | 16.06 | 77   | 507178   | 48.857  | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.87 | 198  | 118898   | 45.182  | nq #  | 74       |
| 65) n-Nitrosodiphenylamine     | 15.98 | 169  | 577644   | 45.069  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.65 | 248  | 241130   | 47.357  | nq    | 97       |
| 67) Hexachlorobenzene          | 16.78 | 284  | 248591   | 47.280  | nq    | 96       |
| 68) Atrazine                   | 16.92 | 200  | 269279   | 57.459  | nq    | 96       |
| 69) Pentachlorophenol          | 17.14 | 266  | 218957   | 86.164  | nq    | 97       |
| 70) Phenanthrene               | 17.52 | 178  | 1100985  | 48.144  | nq    | 98       |
| 71) Anthracene                 | 17.61 | 178  | 1144626  | 50.608  | nq    | 99       |
| 72) Carbazole                  | 17.88 | 167  | 1099446  | 53.716  | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.41 | 149  | 1293738  | 54.735  | nq    | 99       |
| 74) Fluoranthene               | 19.52 | 202  | 1515766  | 52.963  | nq    | 97       |
| 76) Benzidine                  | 19.70 | 184  | 378157   | 31.201  | nq    | 98       |
| 77) Pyrene                     | 19.88 | 202  | 1541373  | 47.631  | nq    | 96       |
| 79) Butylbenzylphthalate       | 20.74 | 149  | 602200   | 53.045  | nq    | 86       |
| 80) Benzo(a)anthracene         | 21.73 | 228  | 1536527  | 48.879  | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.64 | 252  | 293549   | 26.831  | nq    | 98       |
| 82) Chrysene                   | 21.80 | 228  | 1475304  | 48.955  | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 847899   | 51.914  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.83 | 149  | 1425585  | 52.914  | nq #  | 94       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.83 | 276  | 1738507  | 53.980  | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 24.00 | 252  | 1571590  | 50.133  | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 24.06 | 252  | 1507713  | 47.129  | nq    | 98       |
| 89) Benzo(a)pyrene             | 24.89 | 252  | 1515907  | 50.975  | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.88 | 278  | 1443711  | 50.768  | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 30.00 | 276  | 1461340  | 52.269  | nq    | 98       |

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





#1

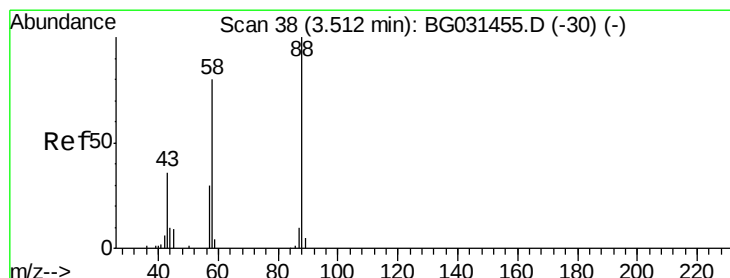
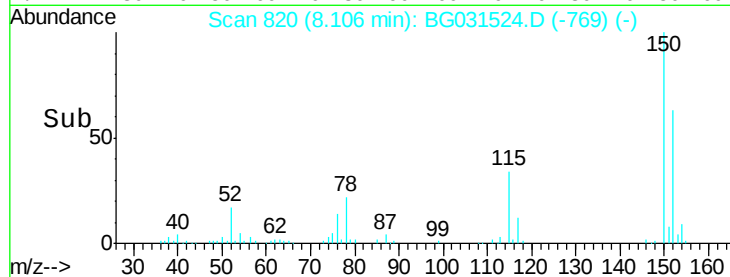
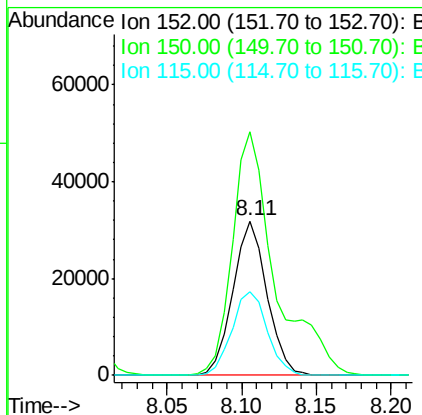
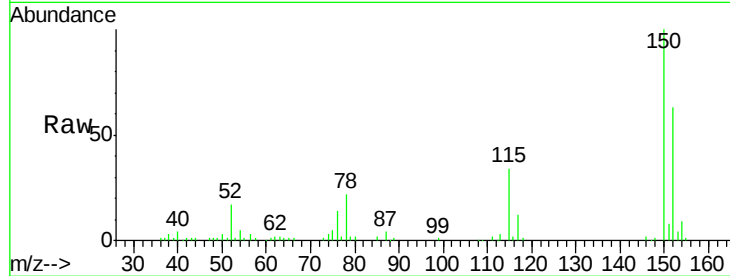
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 820  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.9 | 126.6 | 189.8 |
| 115     | 54.5  | 53.0  | 79.4  |

Manual Integrations  
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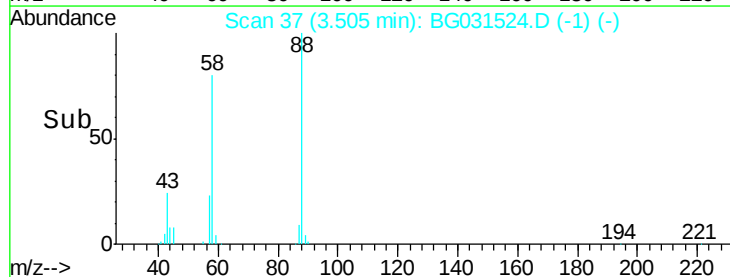
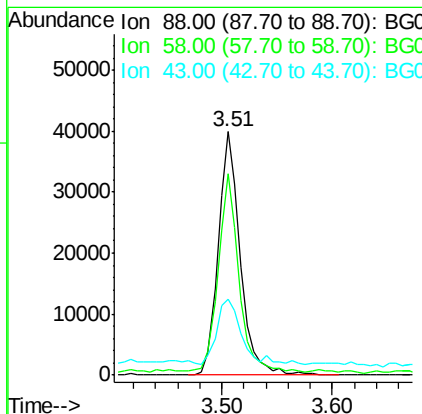
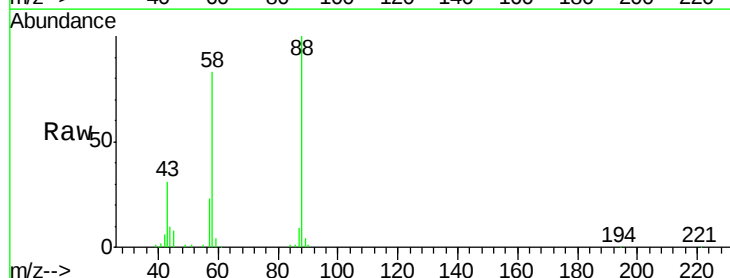
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12/15/2017 7:47:48 PM

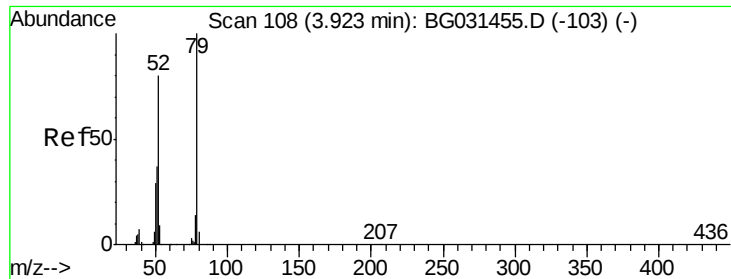


#2

1,4-Dioxane  
Concen: 40.247 ng  
RT: 3.51 min Scan# 37  
Delta R.T. -0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 76.4  | 79.6  | 119.4# |
| 43      | 28.4  | 27.4  | 41.0   |





#3

Pvridine

Concen: 41.128 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

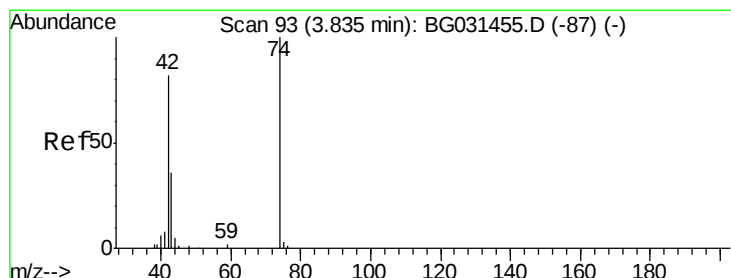
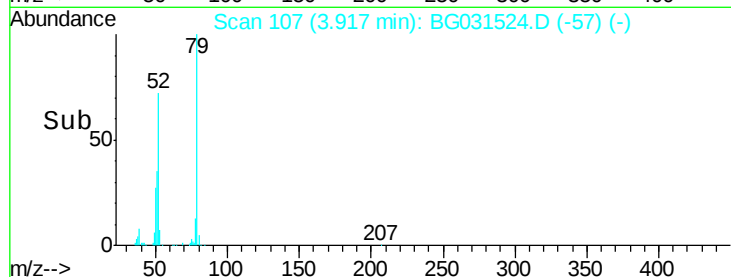
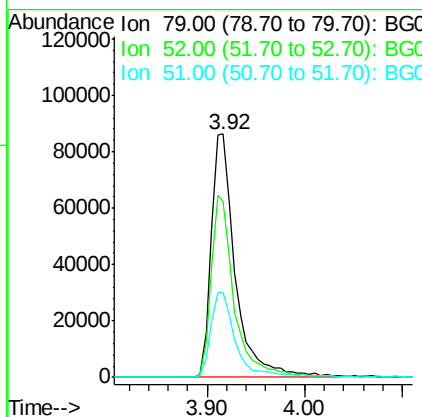
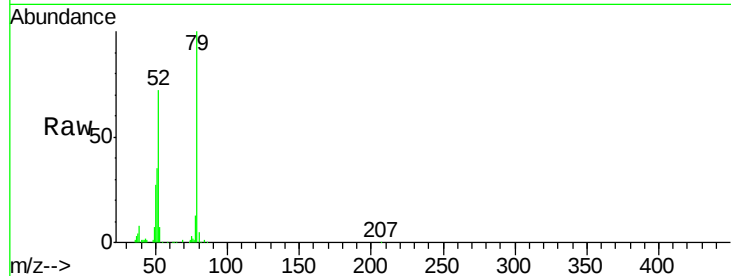
ClientSampleId :

PB104960BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 147313 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 71.9  | 69.9  | 104.9  |
| 51        | 35.0  | 34.0  | 51.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.261 ng

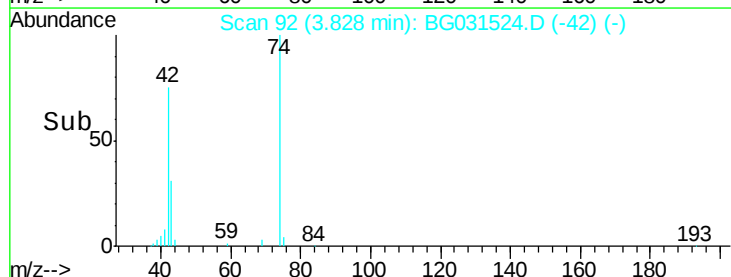
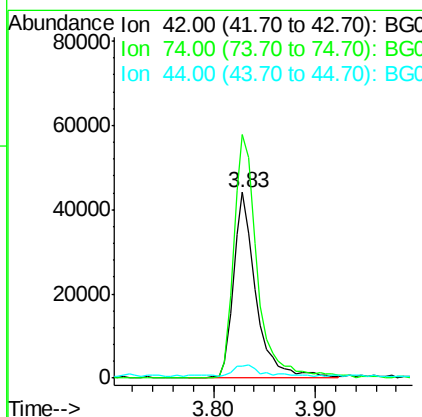
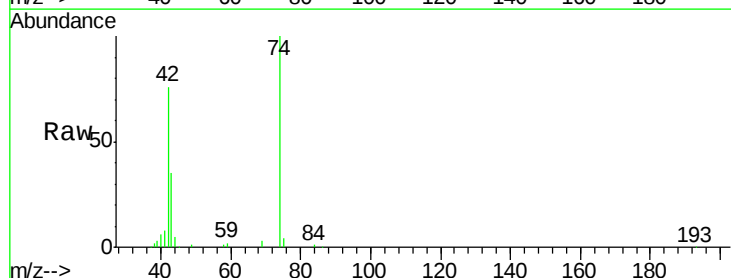
RT: 3.83 min Scan# 92

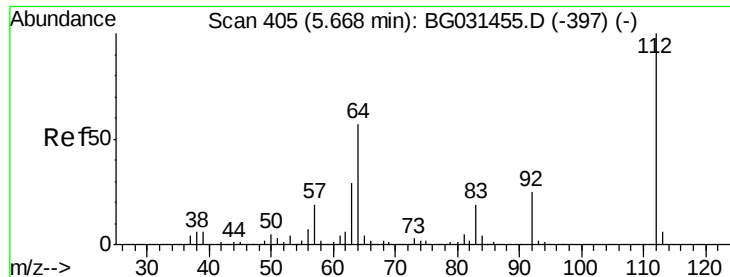
Delta R.T. -0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 67925 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 130.9 | 102.5 | 153.7 |
| 44        | 6.7   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 118.791 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

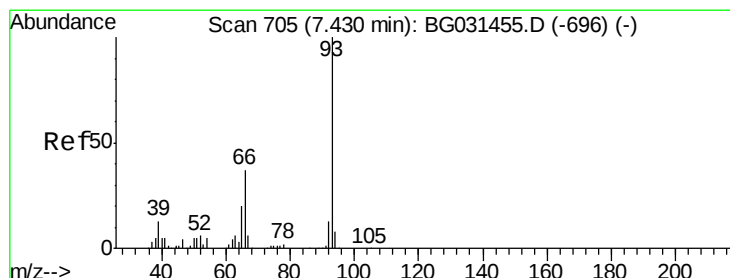
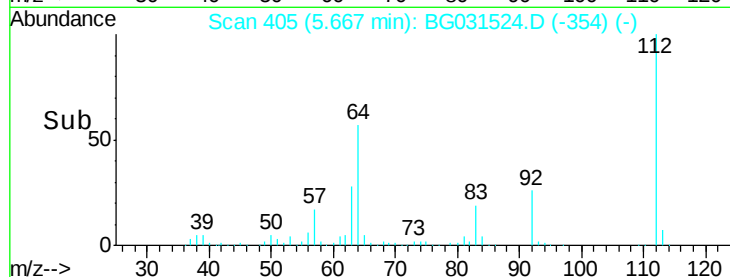
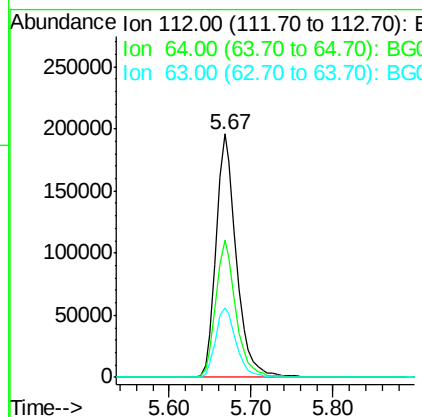
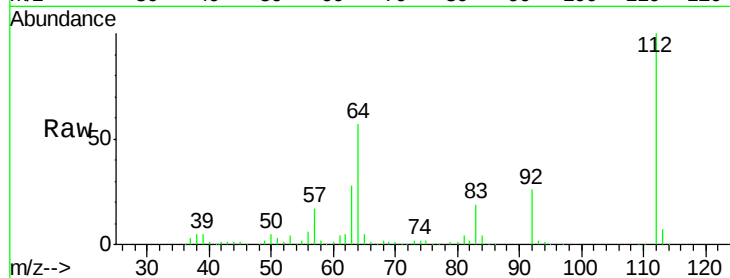
ClientSampled :

PB104960BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 338696 |       |       |
| 64      | 56.6 | 56.3  | 84.5   |       |       |
| 63      | 28.3 | 30.1  | 45.1   |       |       |

Manual Integrations  
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12/15/2017 7:47:48 PM



#6

Aniline

Concen: 22.510 ng

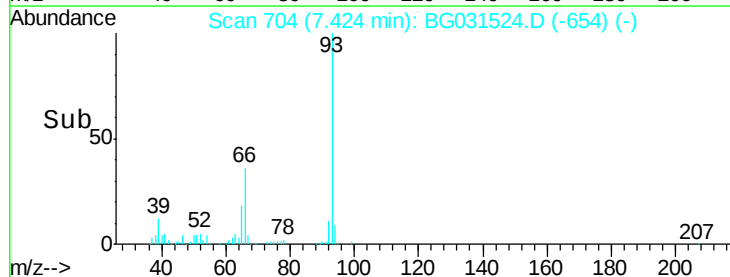
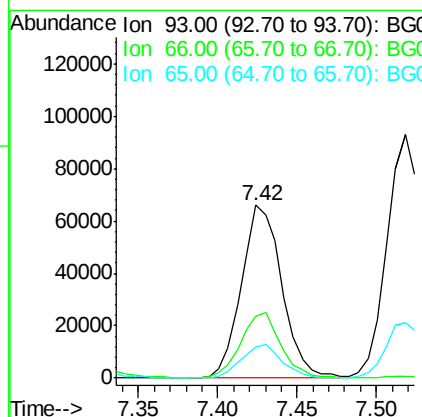
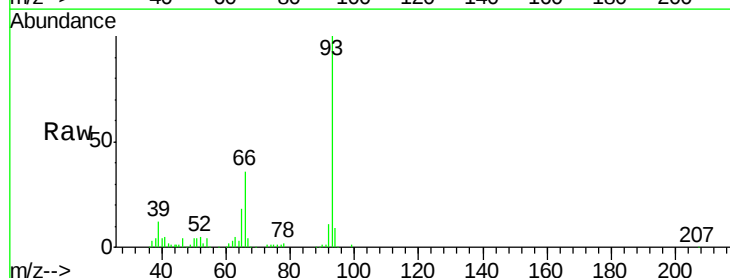
RT: 7.42 min Scan# 704

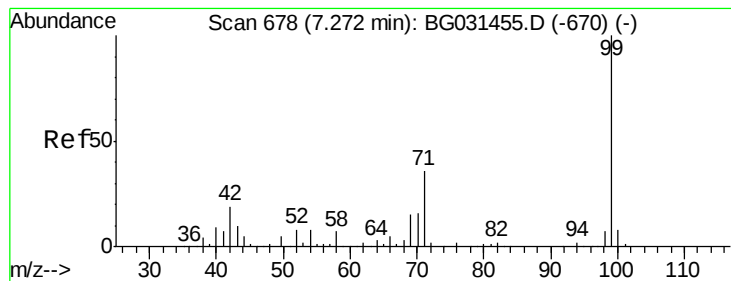
Delta R.T. -0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 117335 |       |       |
| 66      | 35.9 | 33.7  | 50.5   |       |       |
| 65      | 18.1 | 16.1  | 24.1   |       |       |





#7

Phenol-d6

Concen: 112.396 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

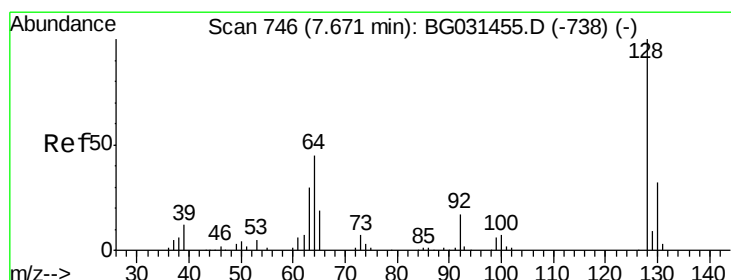
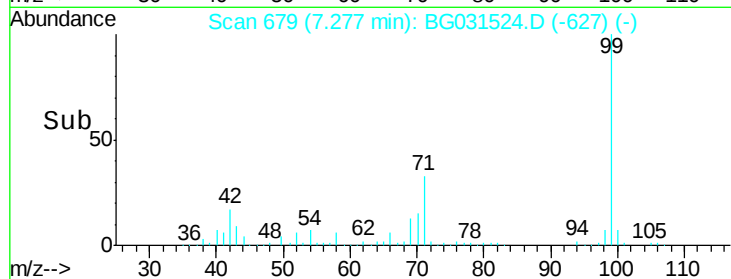
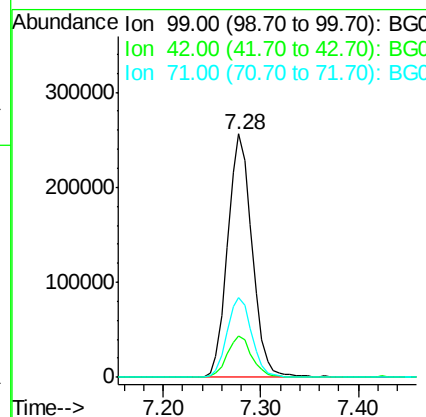
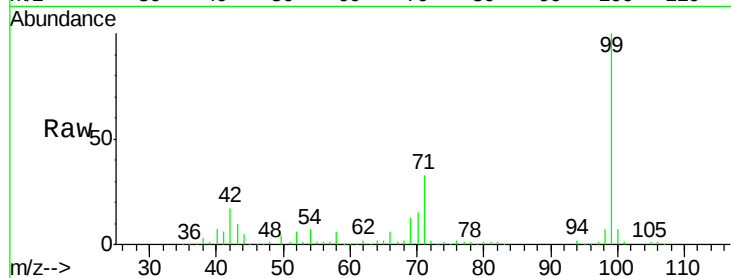
ClientSampleId :

PB104960BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 444879 |       |       |
| 42      | 17.0 | 14.1  | 21.1   |       |       |
| 71      | 33.0 | 26.1  | 39.1   |       |       |

Manual Integrations  
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12/15/2017 7:47:48 PM



#8

2-Chlorophenol

Concen: 54.339 ng

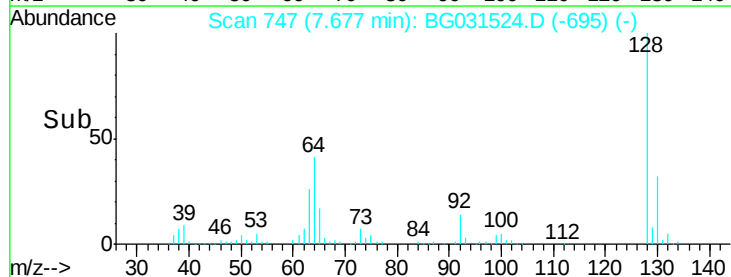
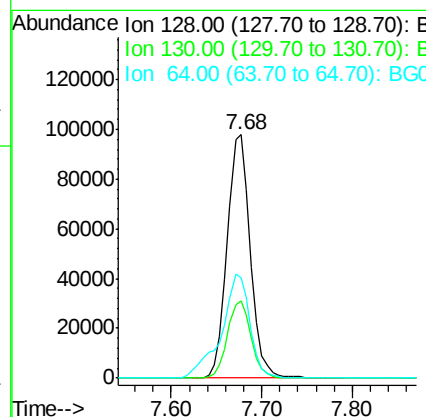
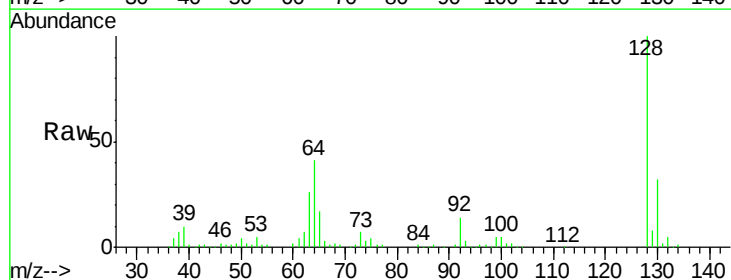
RT: 7.68 min Scan# 747

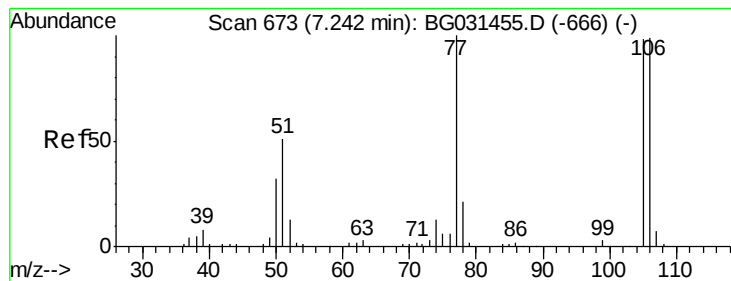
Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 172818 |       |       |
| 130     | 31.8 | 14.0  | 54.0   |       |       |
| 64      | 41.2 | 37.7  | 77.7   |       |       |





#9

Benzaldehyde

Concen: 18.090 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

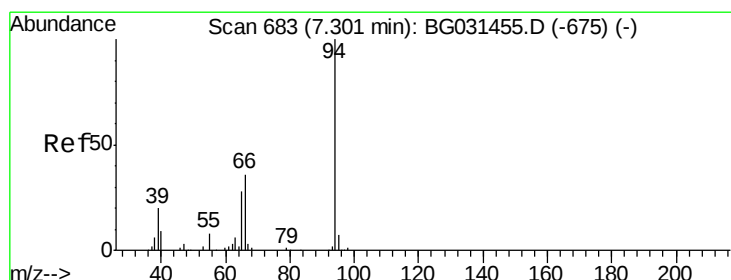
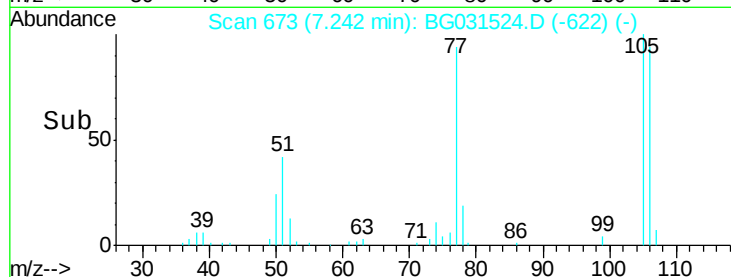
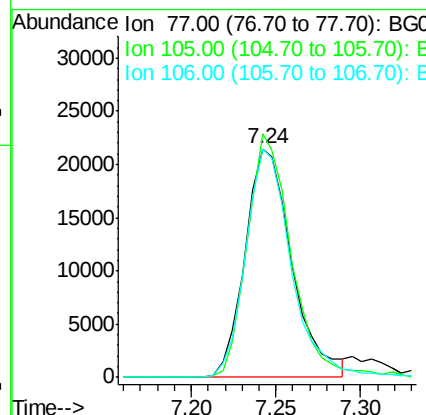
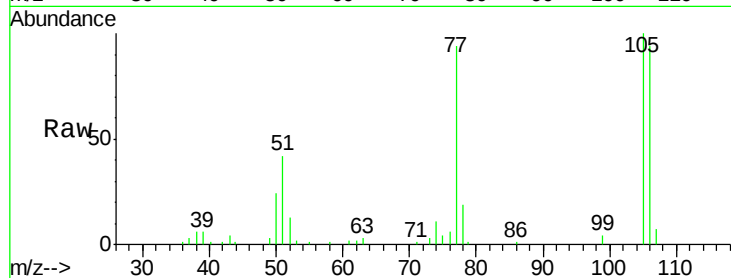
ClientSampleId :

PB104960BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 41504 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 106.6 | 71.3  | 111.3 |
| 106      | 100.1 | 64.2  | 104.2 |

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#10

Phenol

Concen: 53.565 ng

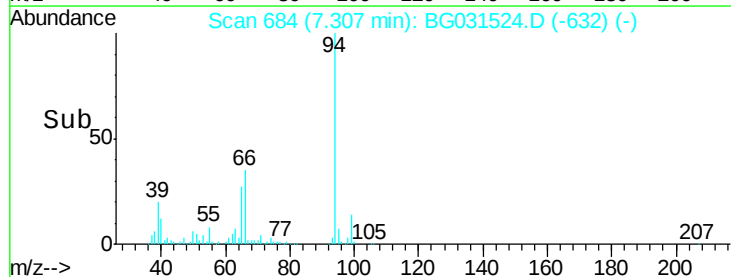
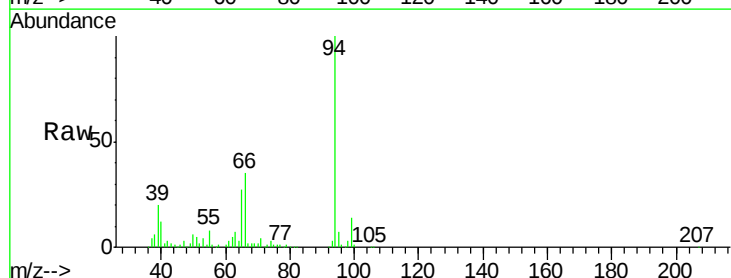
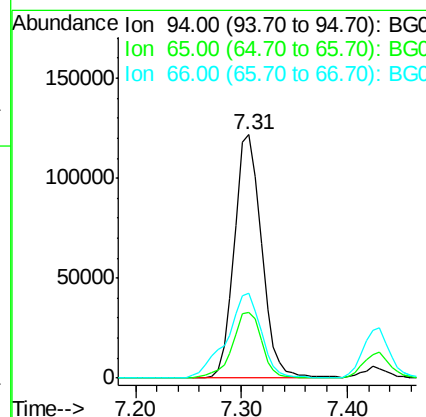
RT: 7.31 min Scan# 684

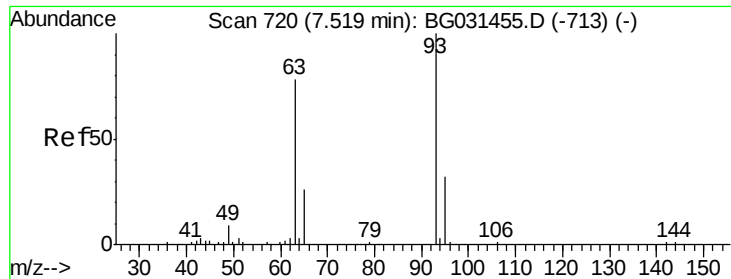
Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 217802 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 27.1  | 11.9  | 51.9   |
| 66       | 34.9  | 22.2  | 62.2   |





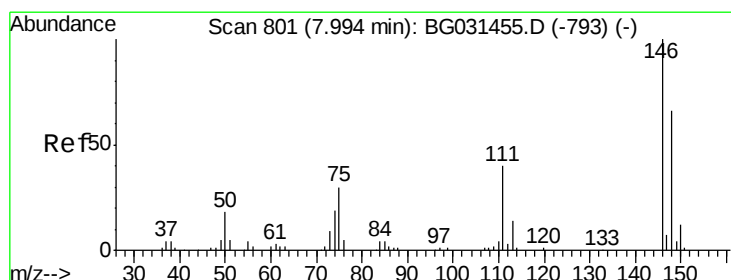
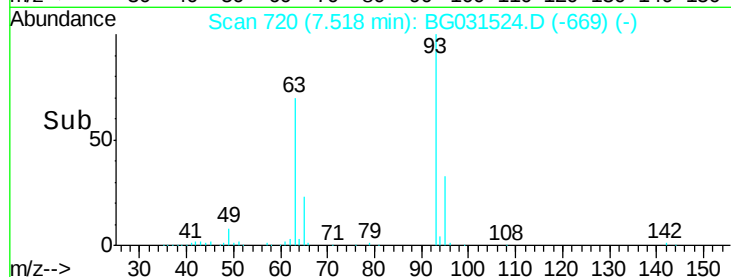
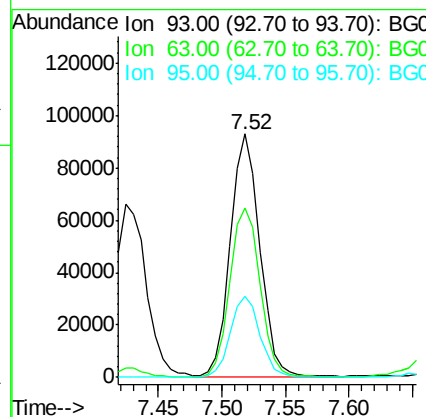
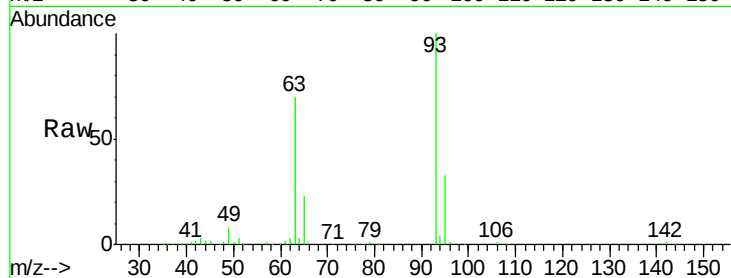
#11  
bis(2-Chloroethyl)ether  
Concen: 44.850 ng  
RT: 7.52 min Scan# 720  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 69.7  | 67.1  | 107.1 |
| 95      | 33.3  | 11.5  | 51.5  |

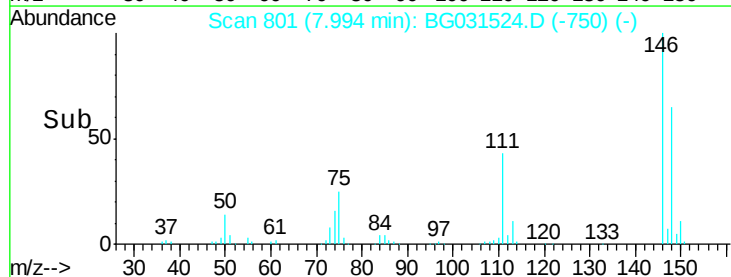
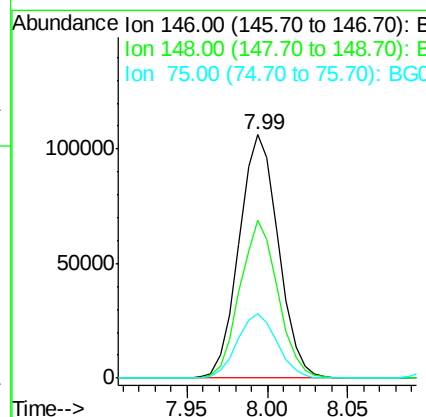
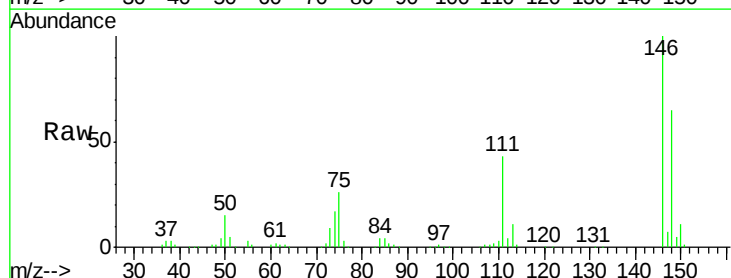
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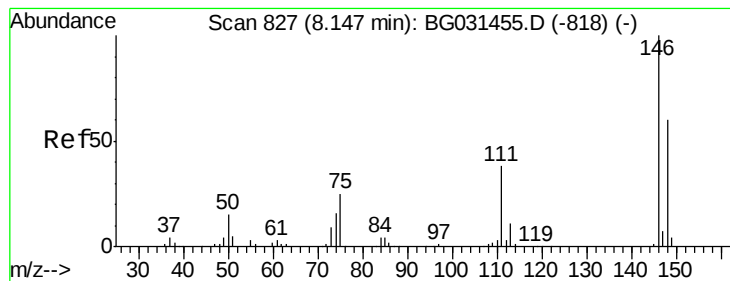
Sohil  
12/15/2017 7:47:48 PM



#12  
1,3-Dichlorobenzene  
Concen: 47.837 ng m  
RT: 7.99 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 51.4  | 77.2  |
| 75      | 26.3  | 26.6  | 39.8# |





#13

1,4-Dichlorobenzene

Concen: 46.493 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

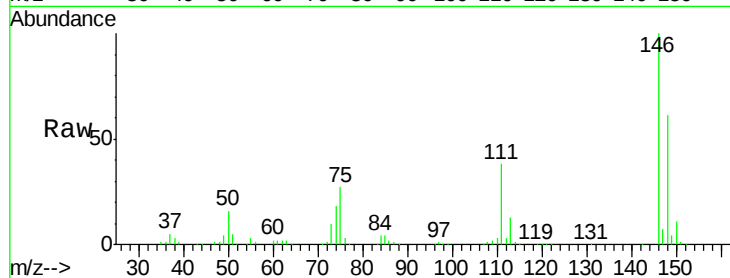
ClientSampled :

PB104960BS

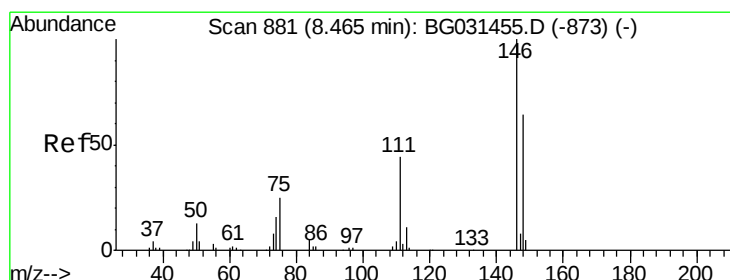
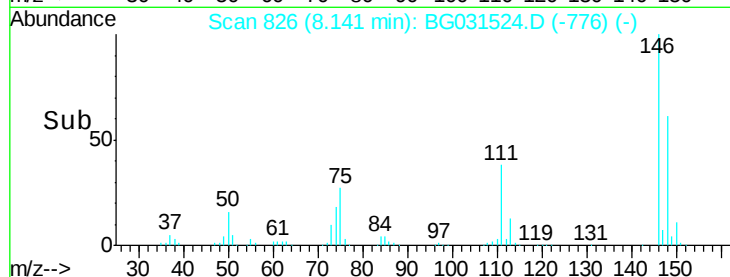
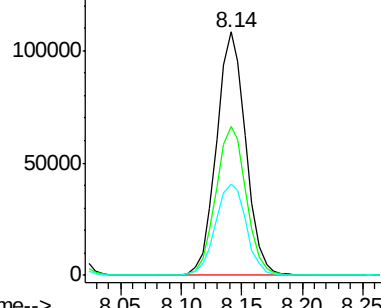
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 182751 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.3  | 53.7  | 80.5   |
| 111       | 37.6  | 35.2  | 52.8   |

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.026 ng

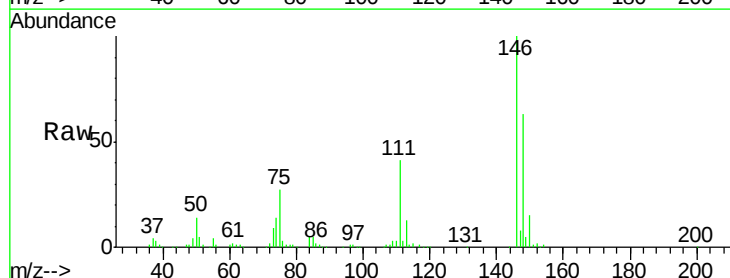
RT: 8.46 min Scan# 881

Delta R.T. -0.00 min

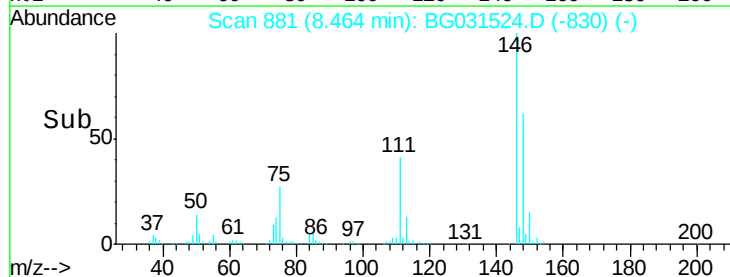
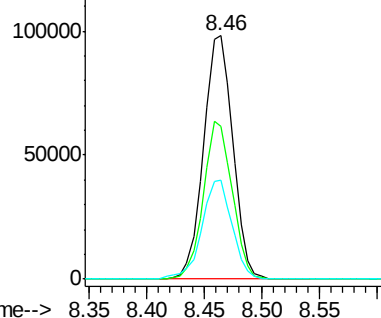
Lab File: BG031524.D

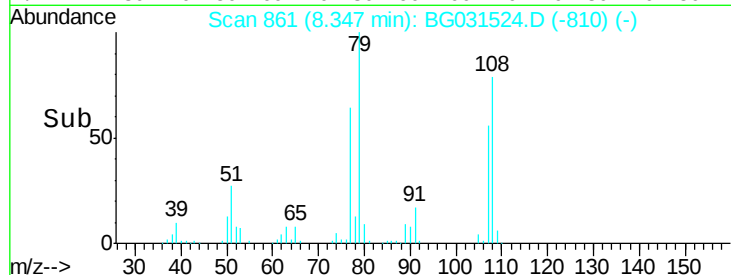
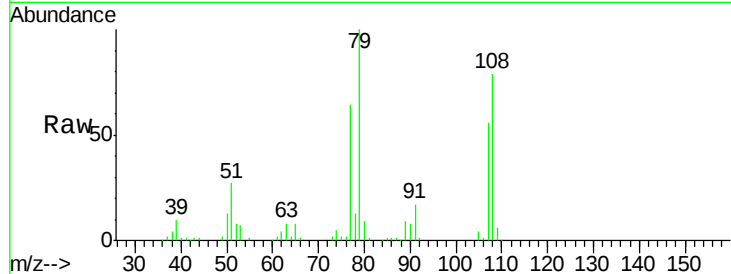
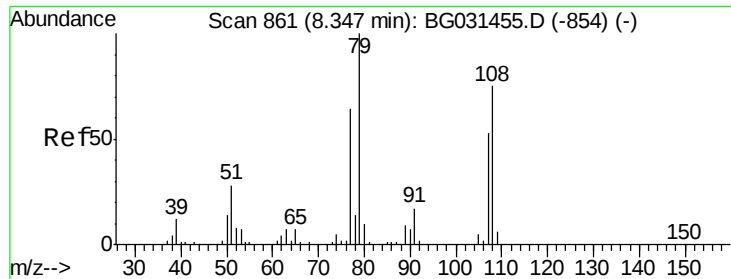
Acq: 13 Dec 2017 12:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 172335 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.8  | 49.3  | 73.9   |
| 111       | 40.9  | 34.3  | 51.5   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





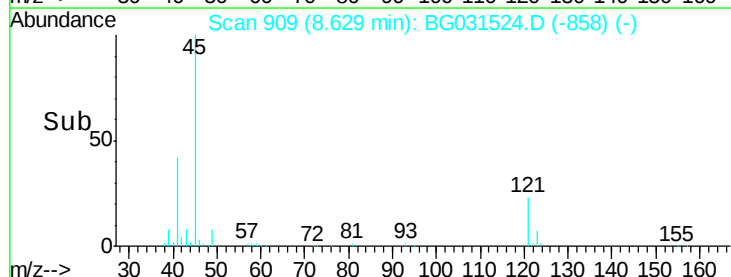
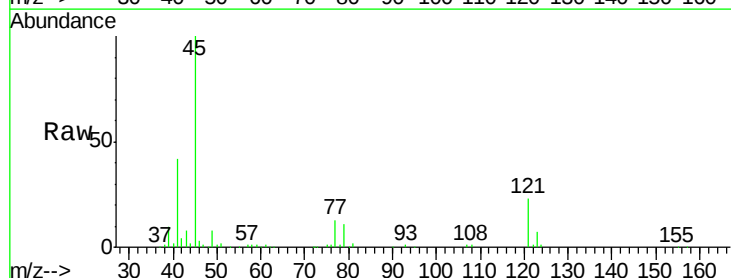
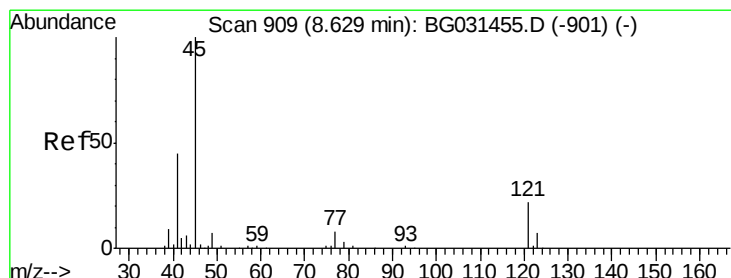
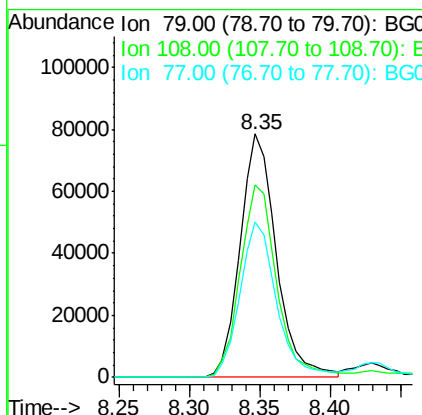
#15  
Benzyl Alcohol  
Concen: 45.537 ng  
RT: 8.35 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 78.9  | 57.2  | 85.8  |
| 77      | 63.5  | 46.1  | 69.1  |

Instrument :  
BNA\_G  
ClientSampled :  
PB104960BS

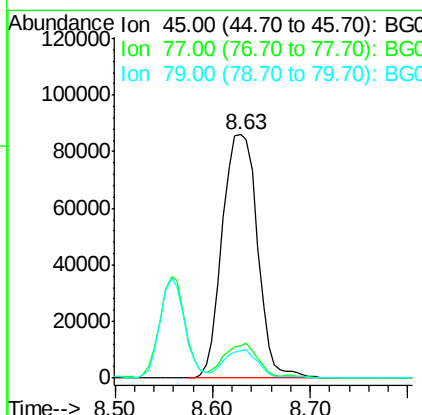
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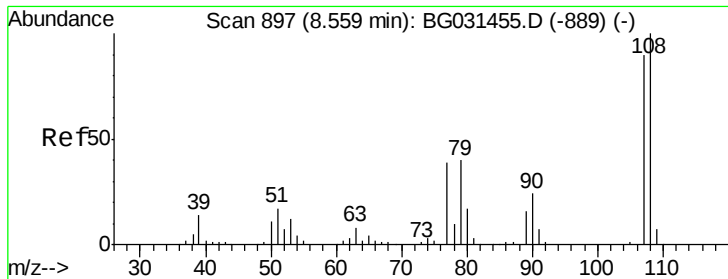
Sohil  
12/15/2017 7:47:48 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 57.864 ng  
RT: 8.63 min Scan# 909  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.3  | 0.0   | 30.2  |
| 79      | 11.0  | 0.0   | 27.9  |





#17

2-Methylphenol

Concen: 52.785 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

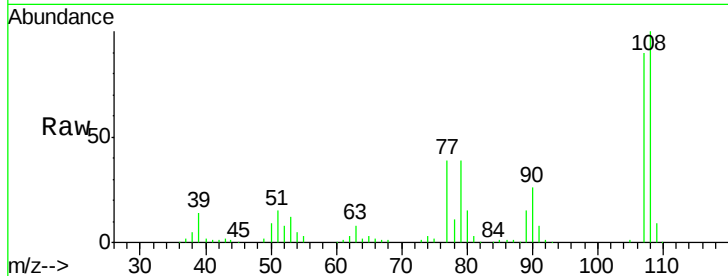
ClientSampled :

PB104960BS

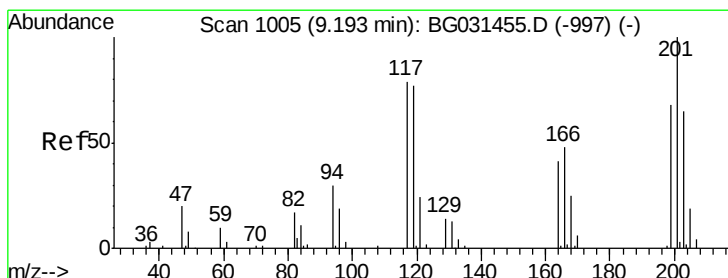
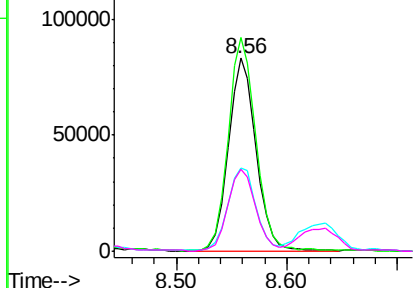
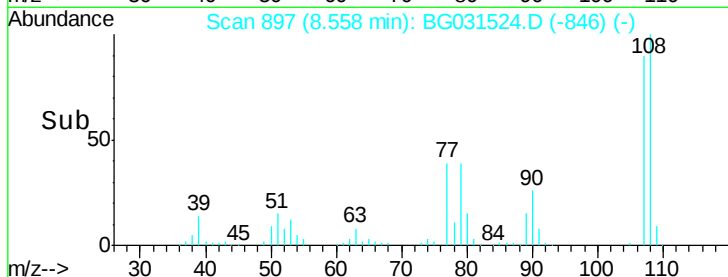
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 146305 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 110.6 | 83.9  | 125.9  |
| 77        | 43.0  | 37.2  | 55.8   |
| 79        | 42.6  | 36.2  | 54.2   |

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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: 47.318 ng

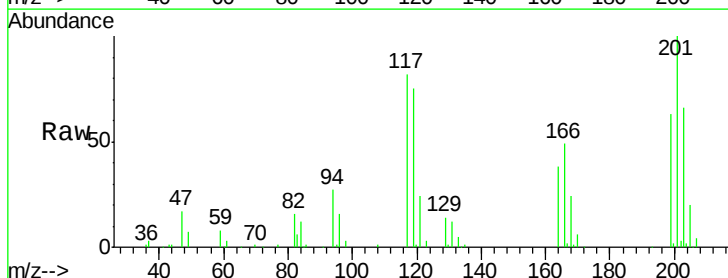
RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

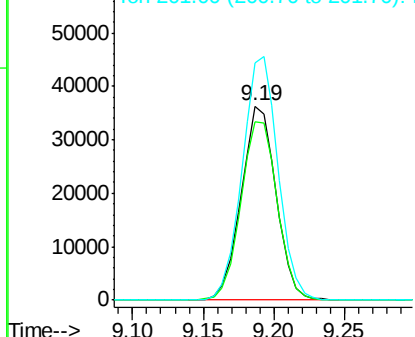
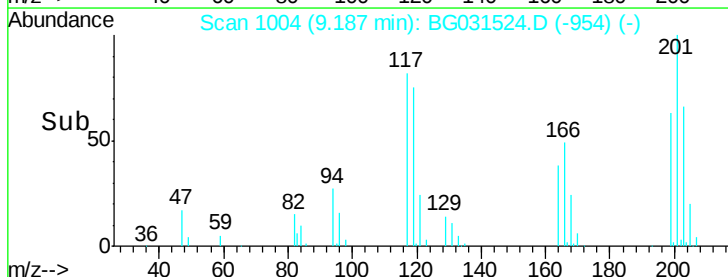
Lab File: BG031524.D

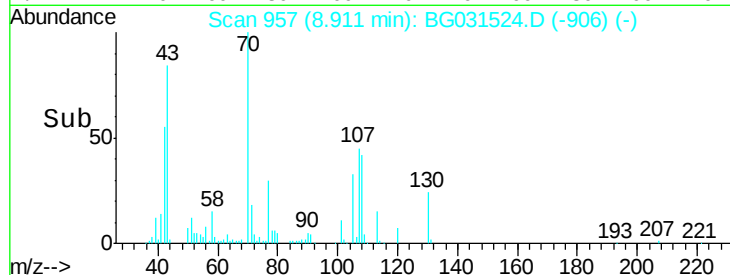
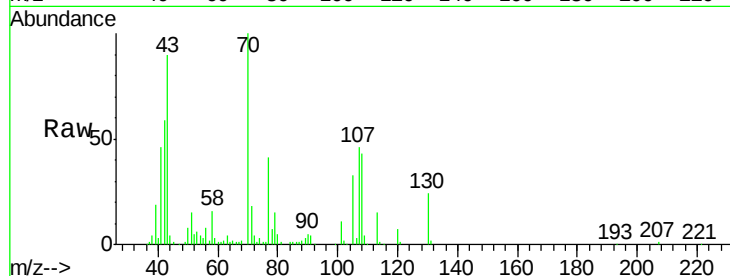
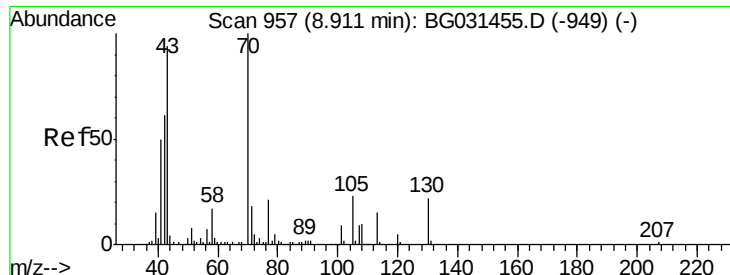
Acq: 13 Dec 2017 12:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 62695 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 91.9  | 76.7  | 115.1 |
| 201       | 122.3 | 95.7  | 143.5 |



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





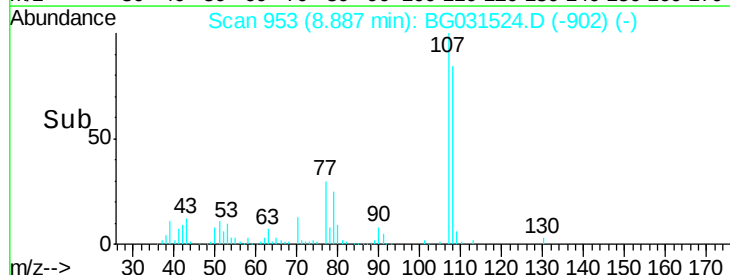
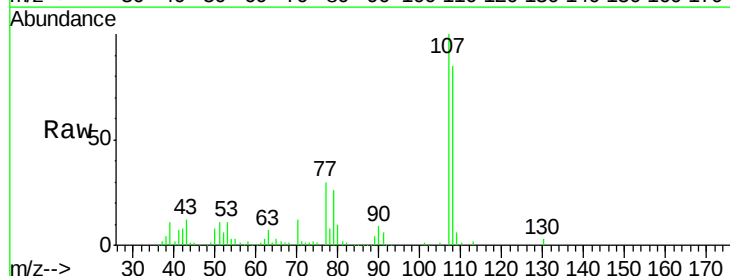
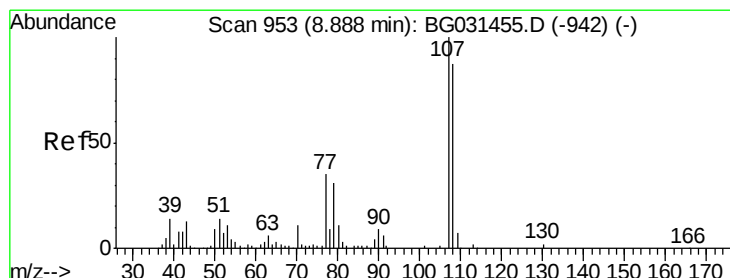
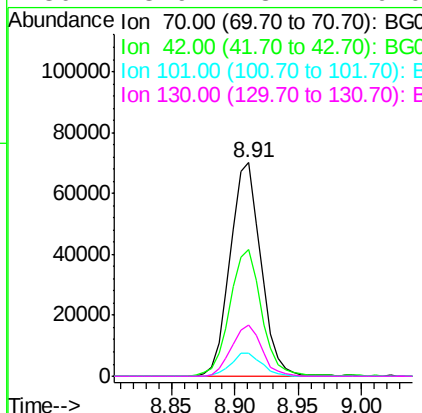
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.800 ng  
RT: 8.91 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 59.2 | 49.1  | 73.7  |       |
| 101     | 10.7 | 8.5   | 12.7  |       |
| 130     | 23.9 | 13.4  | 20.0  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

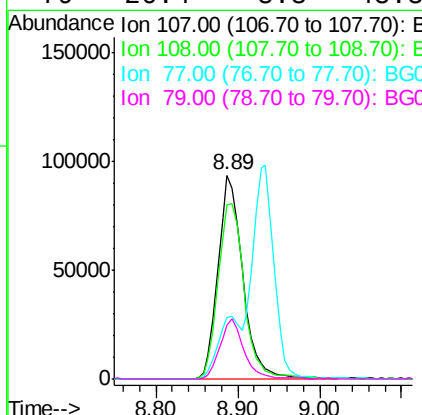
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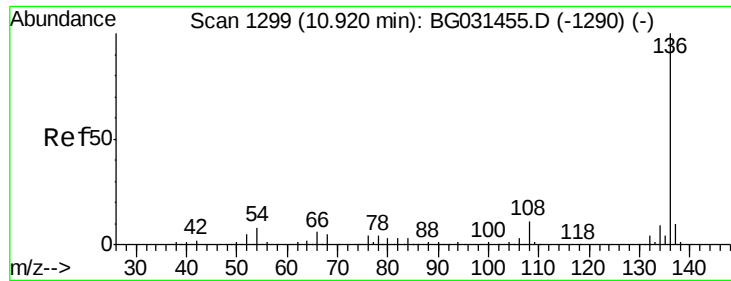
Sohil  
12/15/2017 7:47:48 PM



#20  
3+4-Methylphenols  
Concen: 48.114 ng  
RT: 8.89 min Scan# 953  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 85.4 | 61.6  | 101.6 |       |
| 77      | 30.3 | 13.9  | 53.9  |       |
| 79      | 26.4 | 8.8   | 48.8  |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

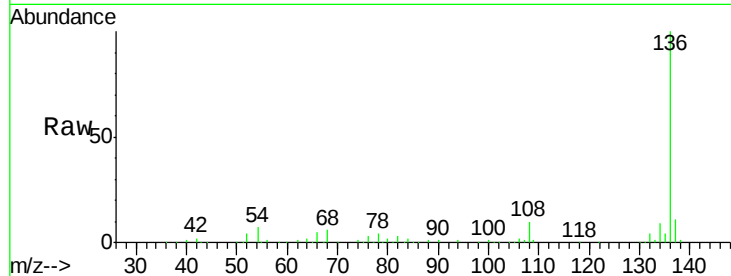
ClientSampleId :

PB104960BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 216383 |       |       |
| 137     | 10.9  | 9.2    | 13.8  |       |
| 54      | 6.9   | 10.3   | 15.5  |       |
| 68      | 5.7   | 4.5    | 6.7   |       |

Manual Integrations  
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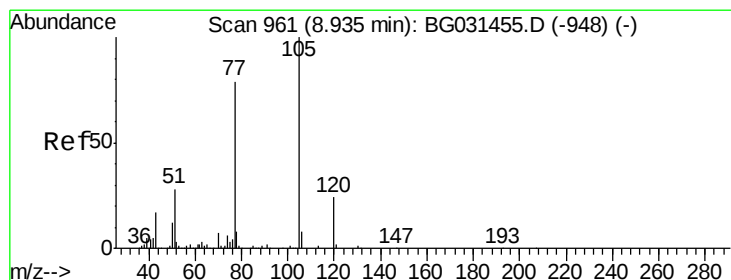
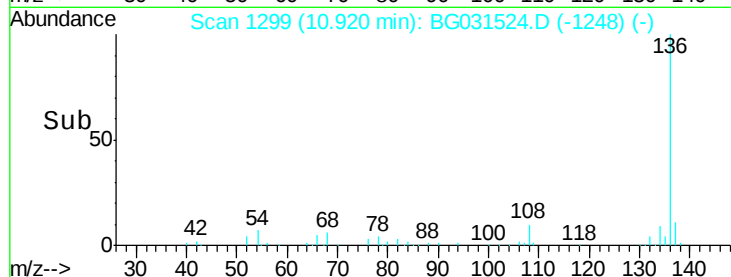
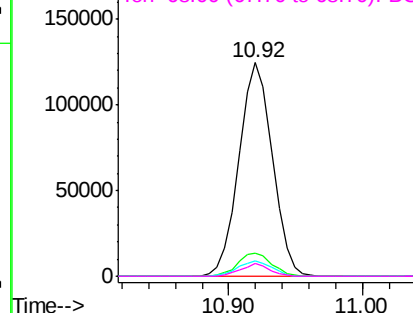


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.719 ng

RT: 8.93 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

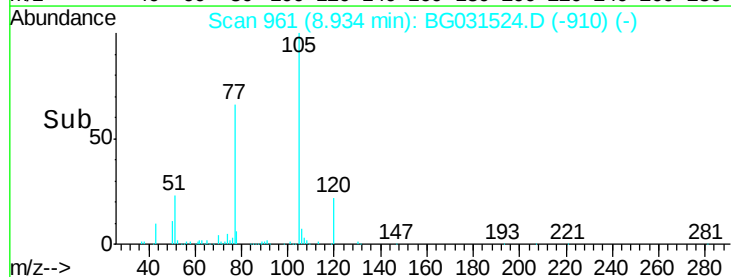
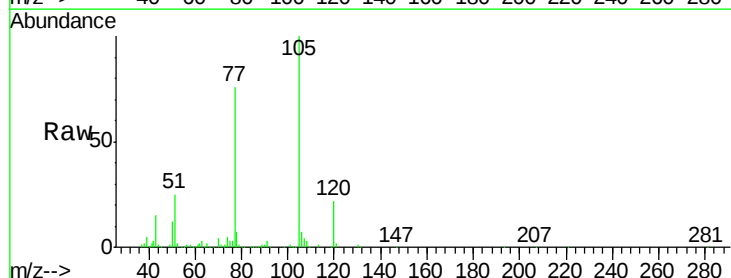
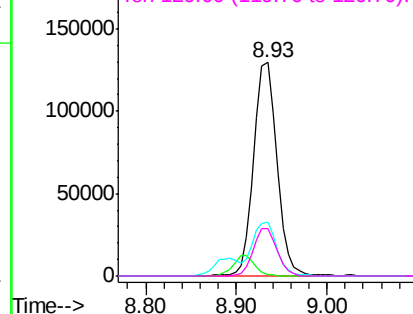
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 232138 |       |       |
| 71      | 0.7   | 3.0    | 4.4   |       |
| 51      | 25.1  | 26.1   | 39.1  |       |
| 120     | 22.1  | 17.4   | 26.2  |       |

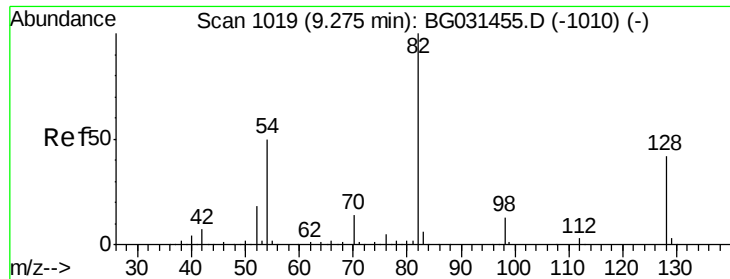
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





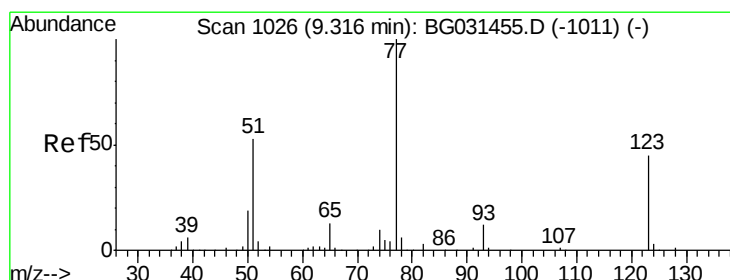
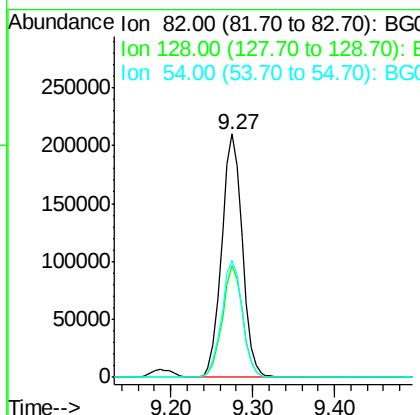
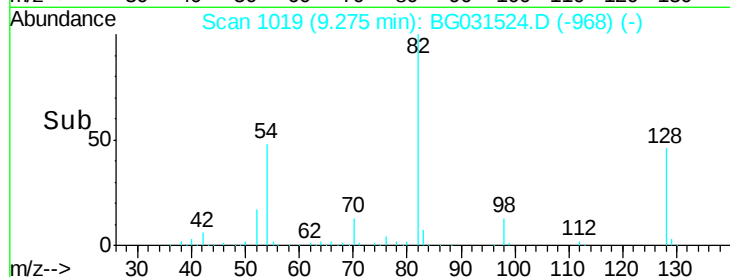
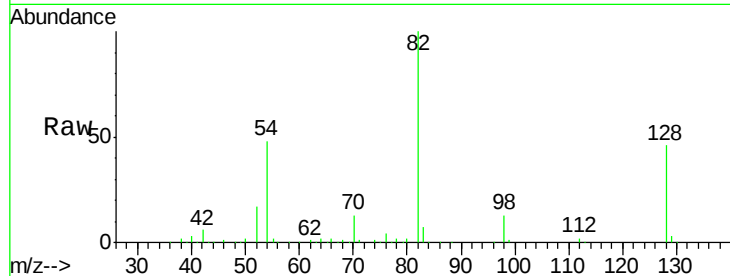
#23  
Nitrobenzene-d5  
Concen: 104.801 ng  
RT: 9.27 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 46.1  | 29.7 | 44.5  |       |
| 54      | 47.8  | 43.1 | 64.7  |       |

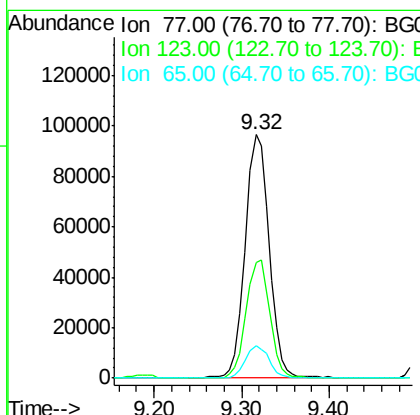
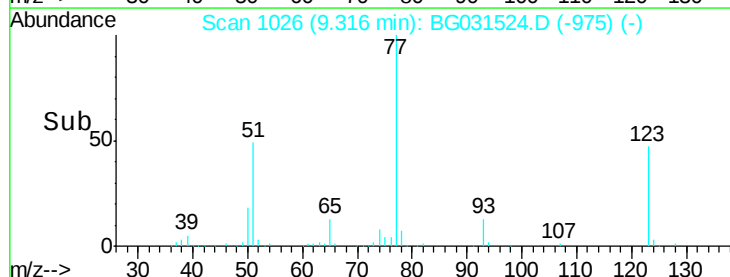
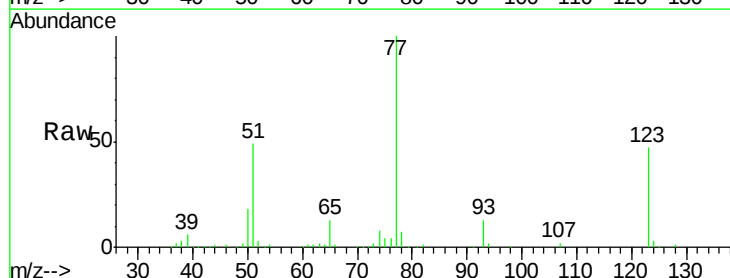
Manual Integrations  
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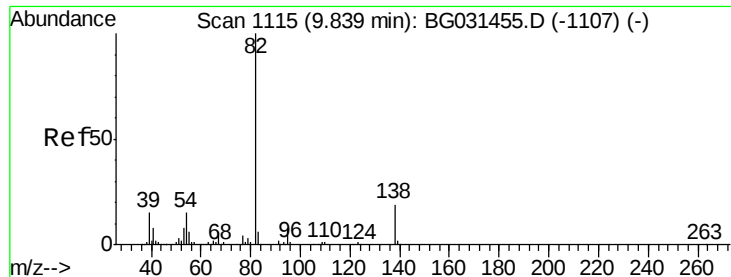
Sohil  
12/15/2017 7:47:48 PM



#24  
Nitrobenzene  
Concen: 49.704 ng  
RT: 9.32 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 47.2  | 33.0 | 49.6  |       |
| 65      | 13.4  | 13.0 | 19.6  |       |





#25

Isophorone

Concen: 51.102 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

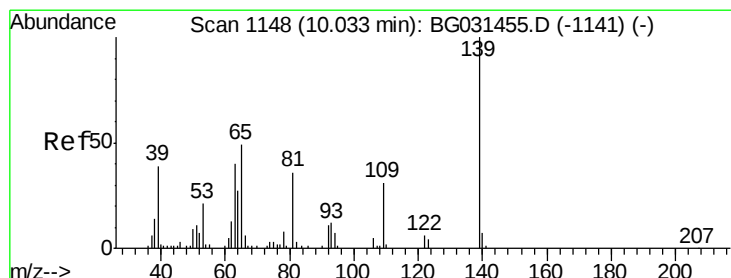
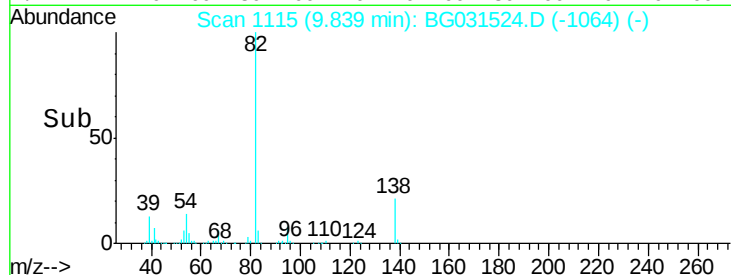
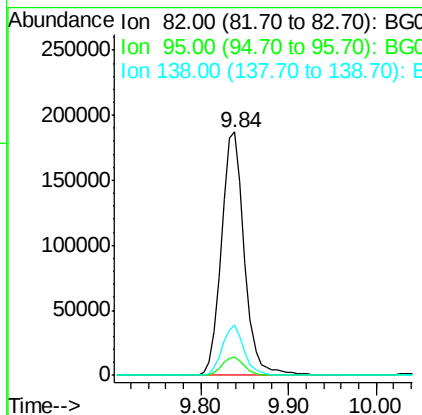
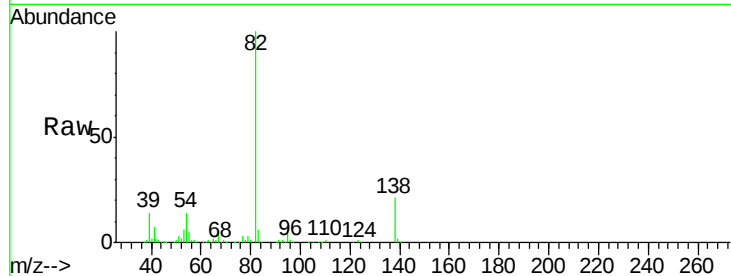
ClientSampleId :

PB104960BS

| Tot Ion   | 82    | Resp  | 339038 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.7   | 6.2   | 9.2    |
| 138       | 20.8  | 12.1  | 18.1#  |

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#26

2-Nitrophenol

Concen: 55.330 ng

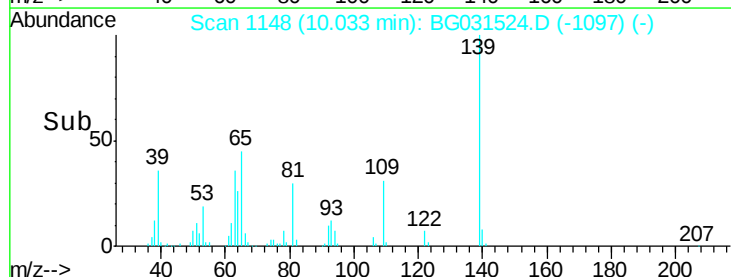
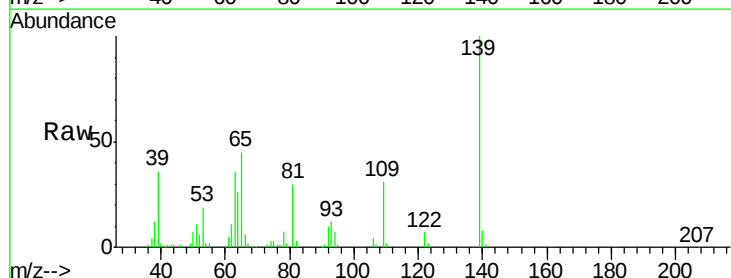
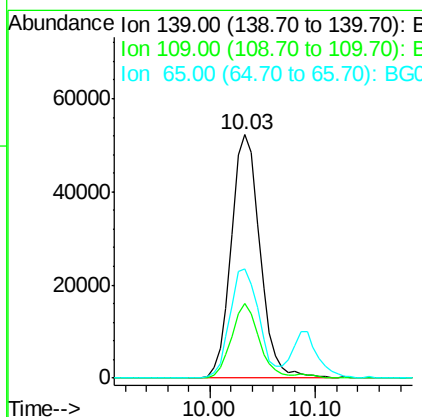
RT: 10.03 min Scan# 1148

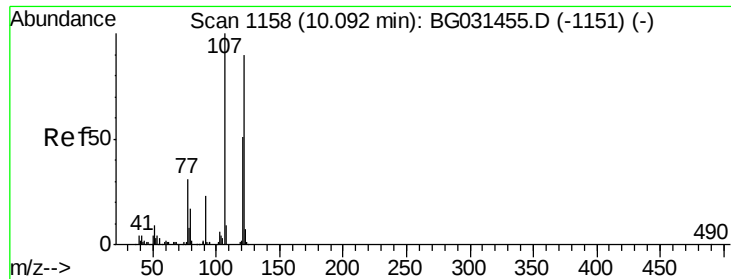
Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

| Tgt Ion   | 139   | Resp  | 98423 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 30.7  | 24.2  | 36.2  |
| 65        | 45.0  | 47.4  | 71.0# |





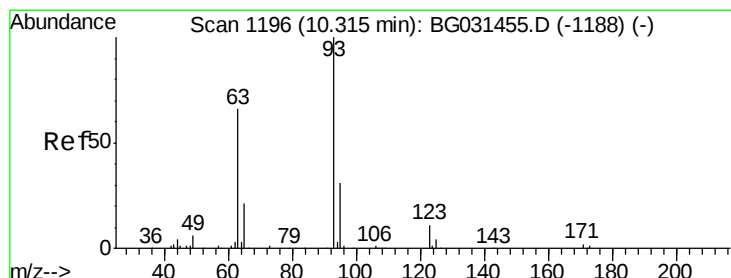
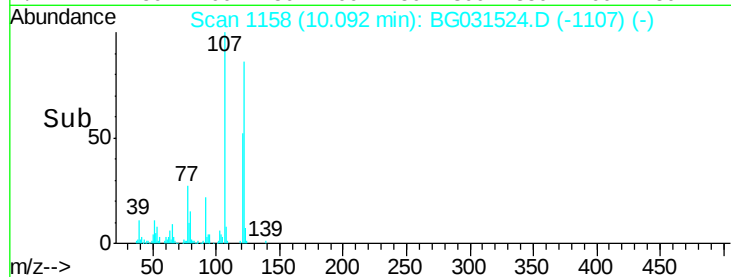
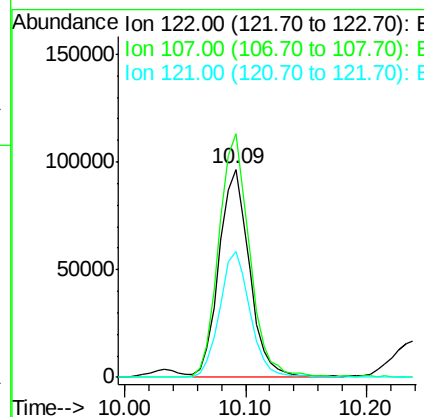
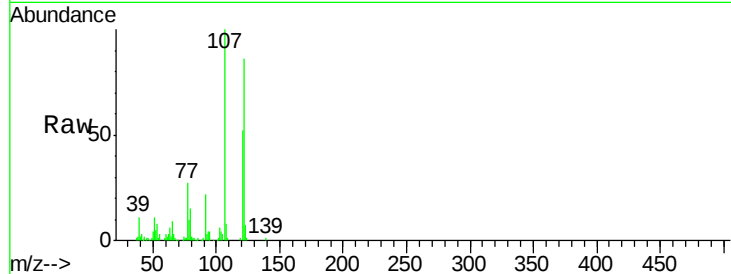
#27  
2,4-Dimethylphenol  
Concen: 61.768 ng  
RT: 10.09 min Scan# 1158  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.0 | 100.2 | 150.2 |
| 121     | 60.7  | 44.4  | 66.6  |

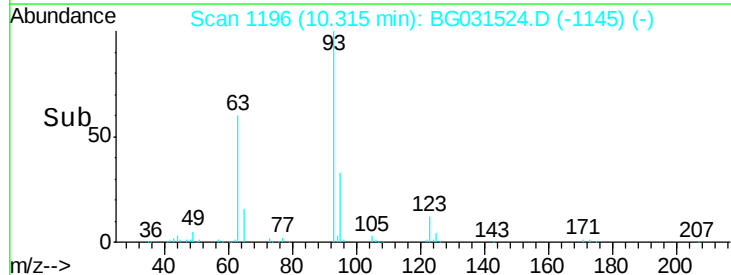
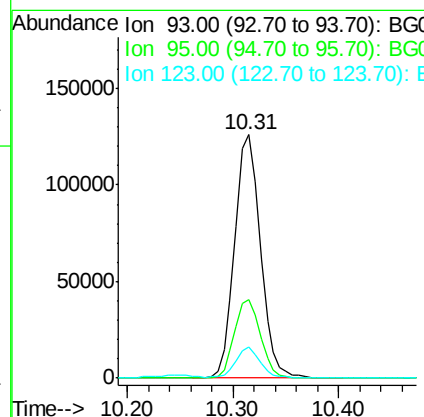
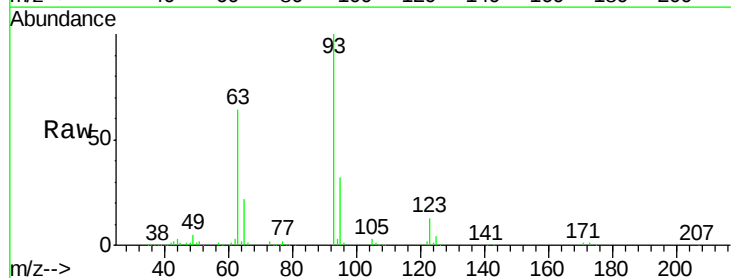
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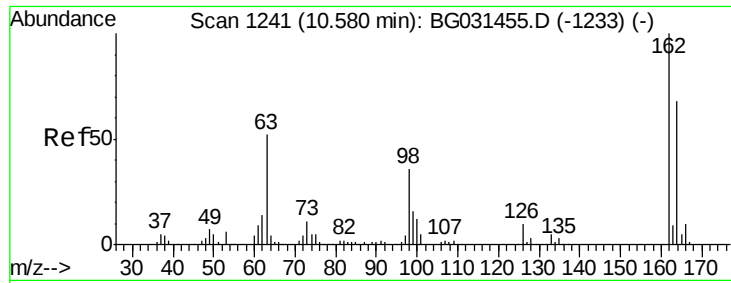
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#28  
bis(2-Chloroethoxy)methane  
Concen: 49.739 ng  
RT: 10.31 min Scan# 1196  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 24.3  | 36.5  |
| 123     | 12.6  | 8.4   | 12.6# |





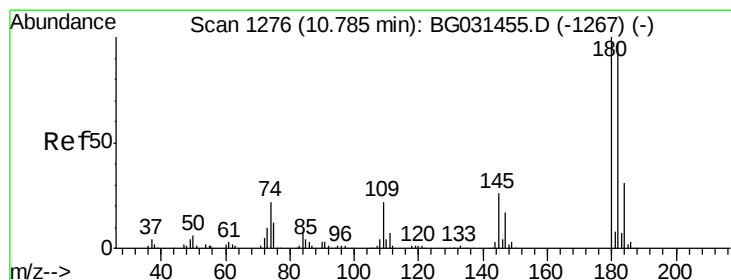
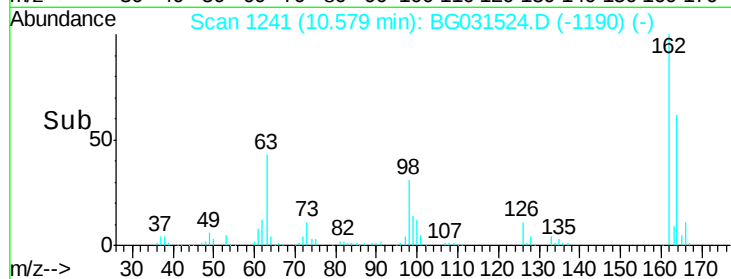
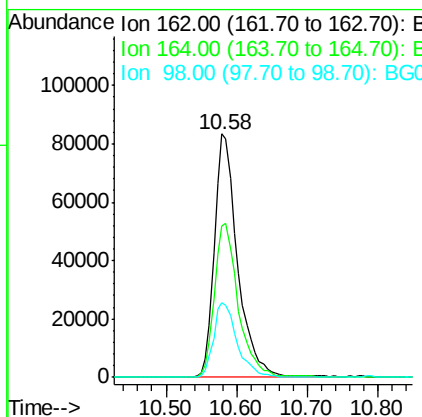
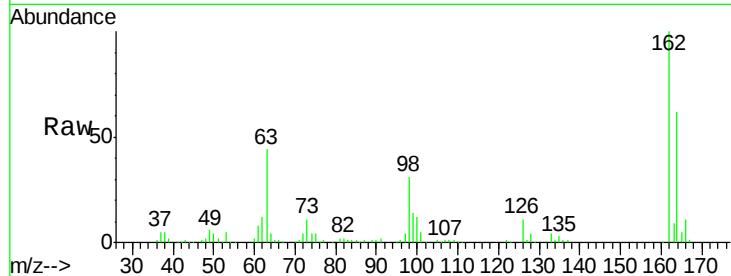
#29  
 2,4-Dichlorophenol  
 Concen: 59.896 ng  
 RT: 10.58 min Scan# 1241  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 190692 |       |       |
| 164     | 62.5  | 48.0   | 88.0  |       |
| 98      | 30.9  | 21.1   | 61.1  |       |

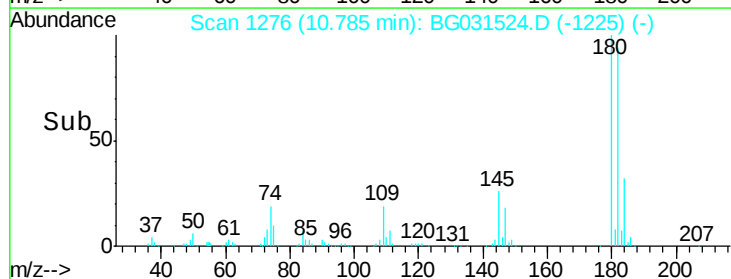
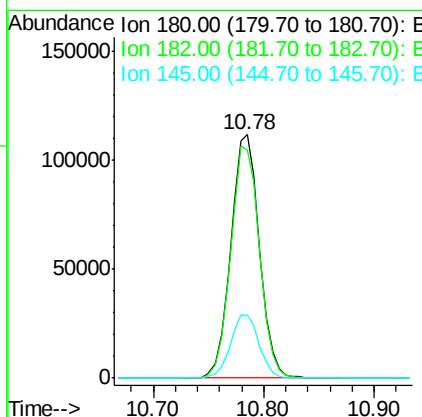
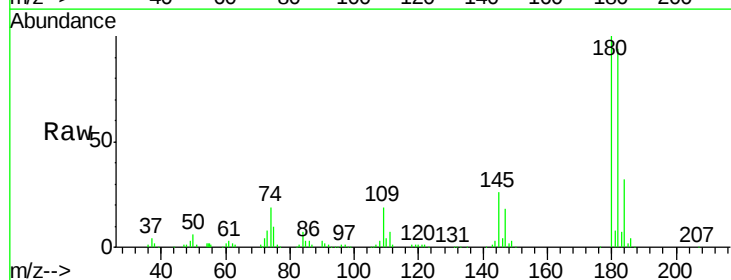
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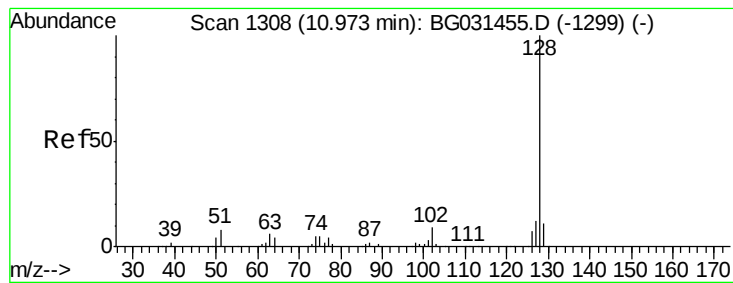
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 12/15/2017 7:47:48 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 49.627 ng  
 RT: 10.78 min Scan# 1276  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 201819 |       |       |
| 182     | 94.0  | 77.5   | 116.3 |       |
| 145     | 26.0  | 23.4   | 35.2  |       |





#31

Naphthalene

Concen: 47.839 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

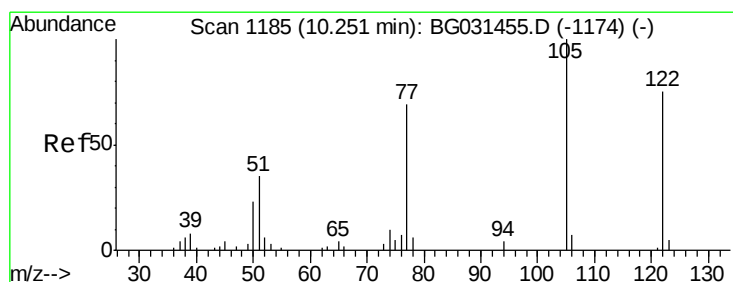
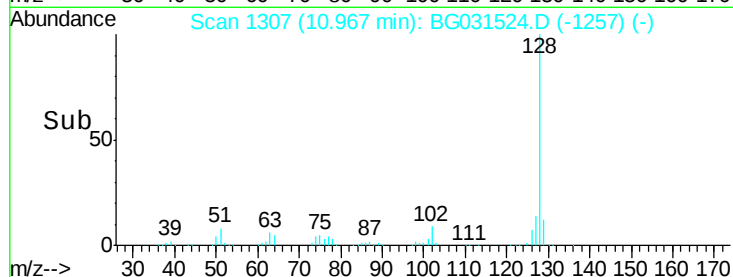
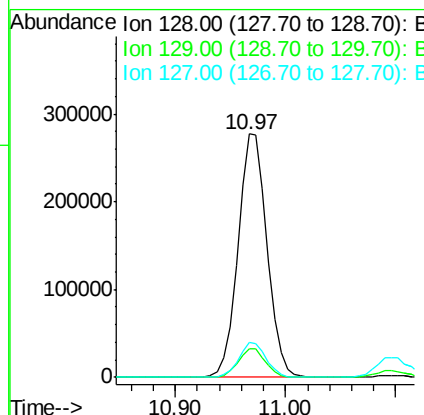
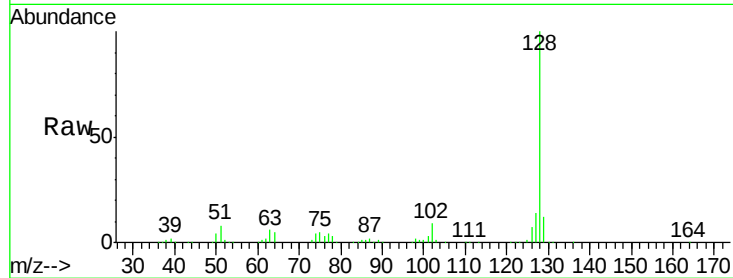
ClientSampleId :

PB104960BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 508539 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.6  | 8.6   | 12.8   |
| 127       | 14.3  | 11.6  | 17.4   |

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#32

Benzoic acid

Concen: 44.961 ng

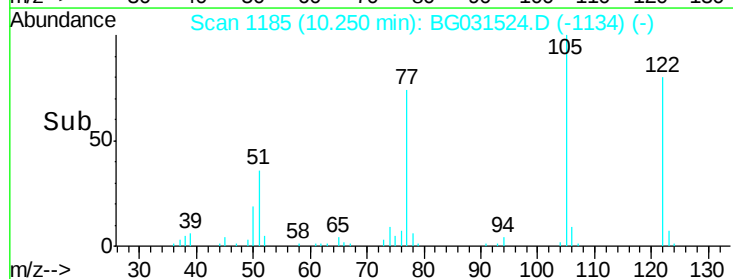
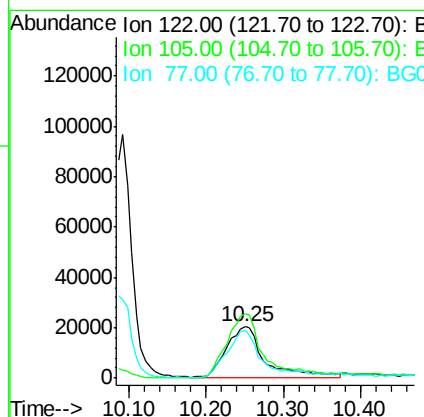
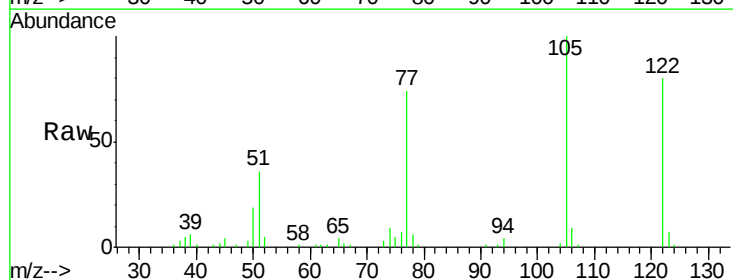
RT: 10.25 min Scan# 1185

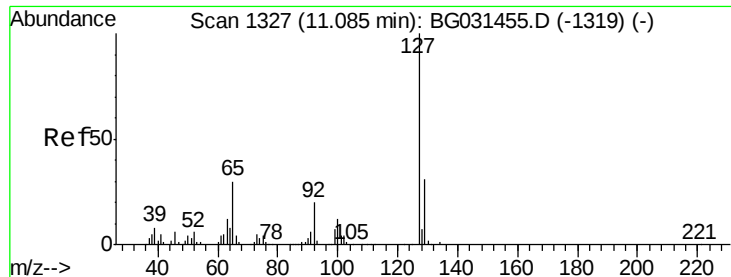
Delta R.T. 0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 69709 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 124.4 | 123.5 | 163.5 |
| 77        | 92.4  | 85.7  | 125.7 |





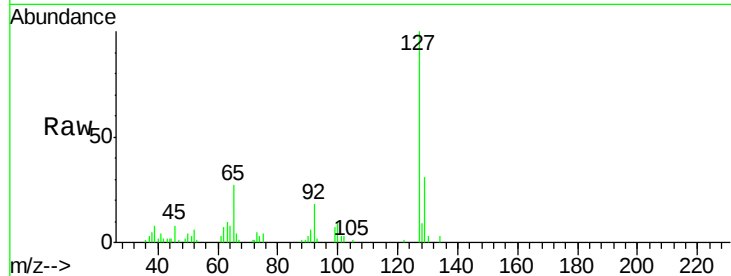
#33  
4-Chloroaniline  
Concen: 11.231 ng  
RT: 11.10 min Scan# 1329  
Delta R.T. 0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

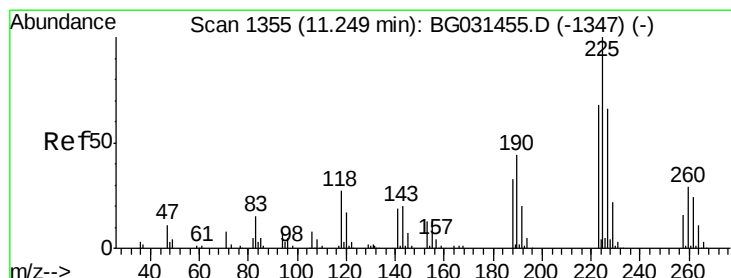
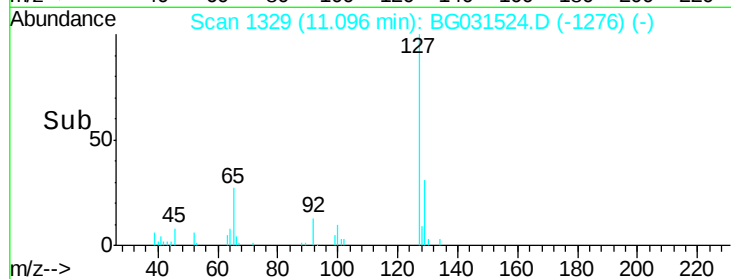
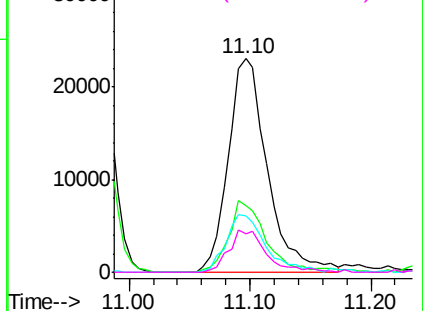
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.1  | 24.0  | 36.0  |
| 65      | 26.5  | 27.0  | 40.4  |
| 92      | 18.0  | 16.6  | 25.0  |

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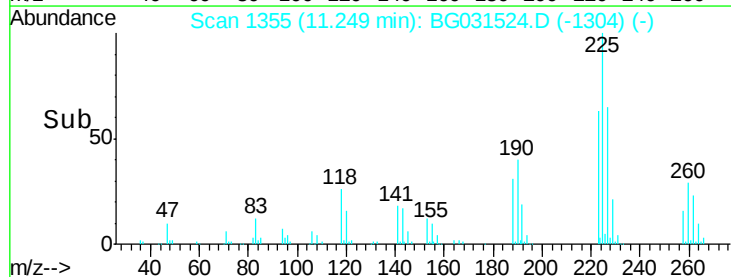
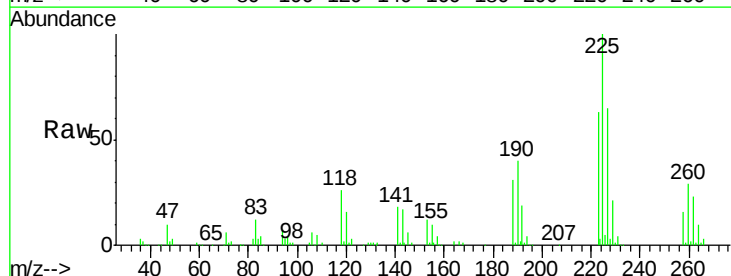
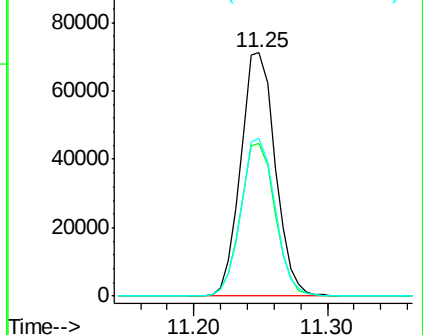
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

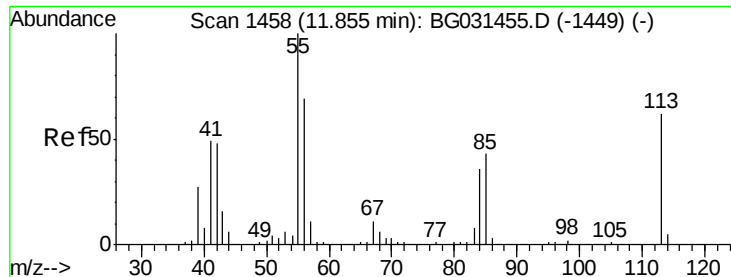


#34  
Hexachlorobutadiene  
Concen: 47.225 ng  
RT: 11.25 min Scan# 1355  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 49.7  | 74.5  |
| 227     | 65.1  | 48.1  | 72.1  |

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





#35

Caprolactam

Concen: 63.334 ng/mL

RT: 11.85 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

ClientSampleId :

PB104960BS

Tot Ion: 113 Resp: 79176

Ion Ratio Lower Upper

113 100

55 157.1 186.9 226.9#

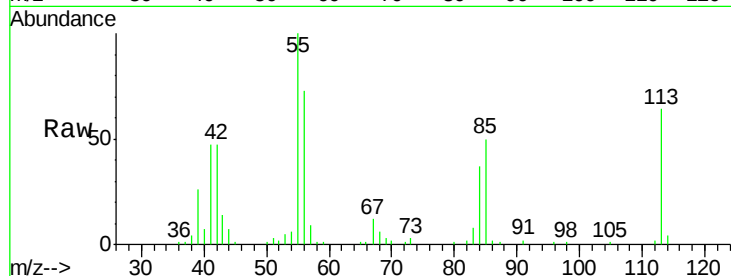
56 114.2 130.9 170.9#

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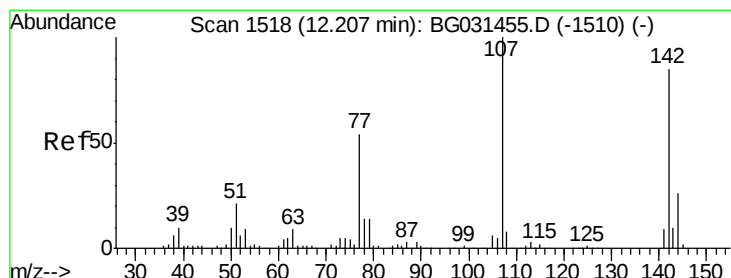
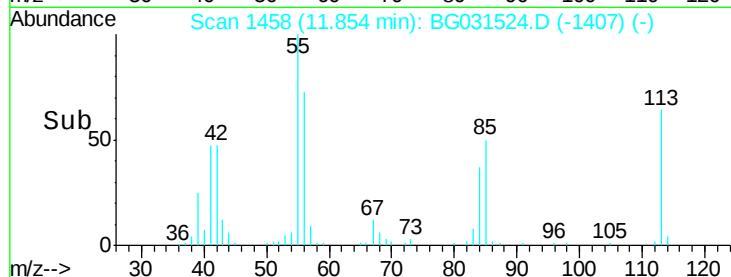
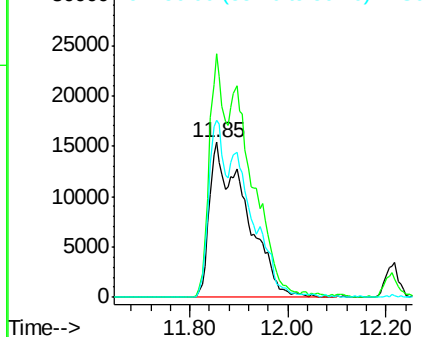
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 53.635 ng/mL

RT: 12.21 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

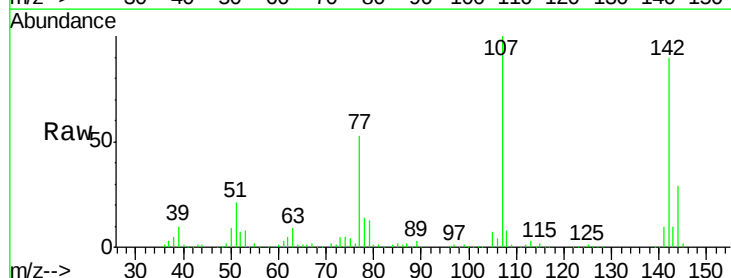
Tgt Ion: 107 Resp: 194913

Ion Ratio Lower Upper

107 100

144 29.4 18.2 27.4#

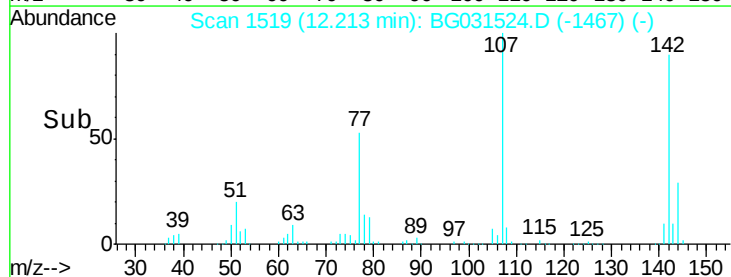
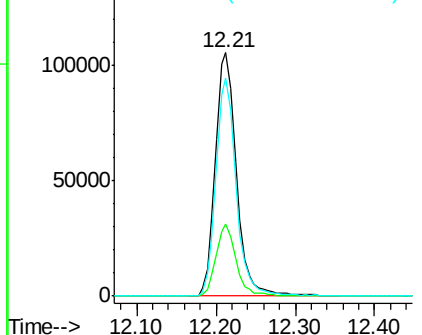
142 89.7 59.0 88.4#

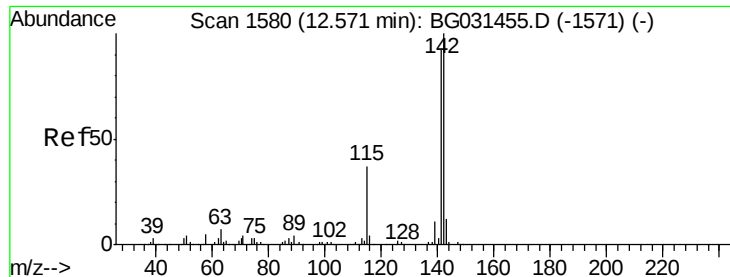


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





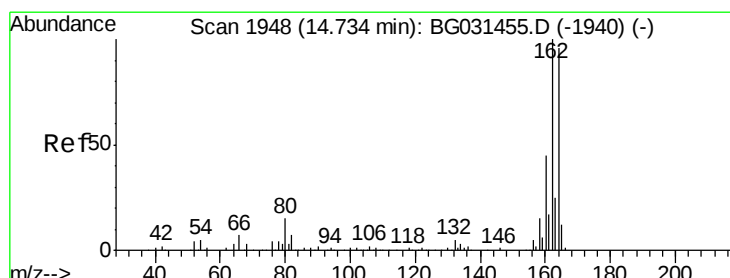
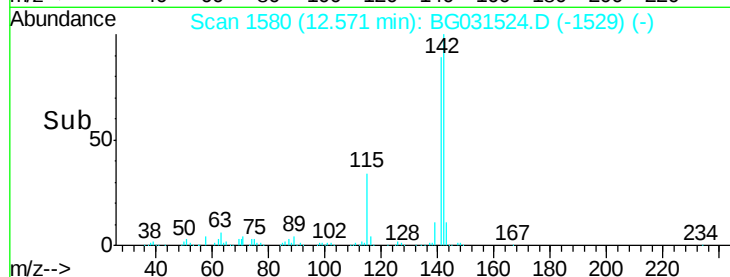
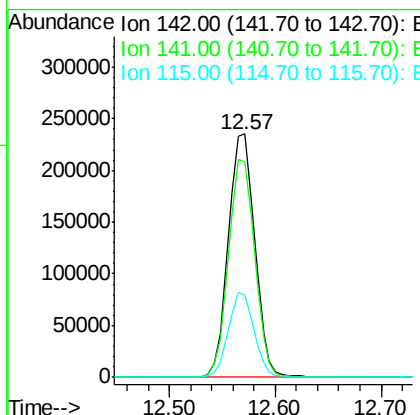
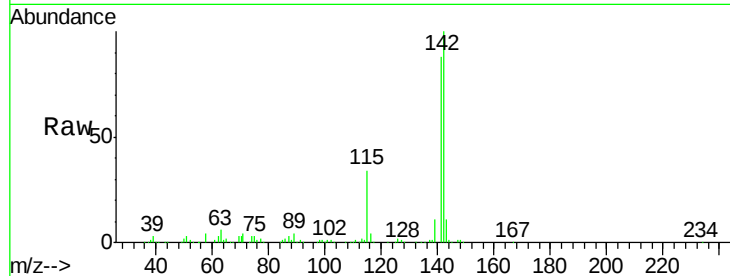
#37  
 2-Methylnaphthalene  
 Concen: 49.466 ng  
 RT: 12.57 min Scan# 1580  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.5  | 67.1  | 100.7 |
| 115     | 33.9  | 30.7  | 46.1  |

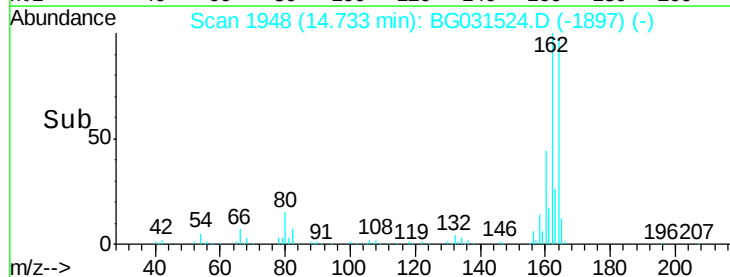
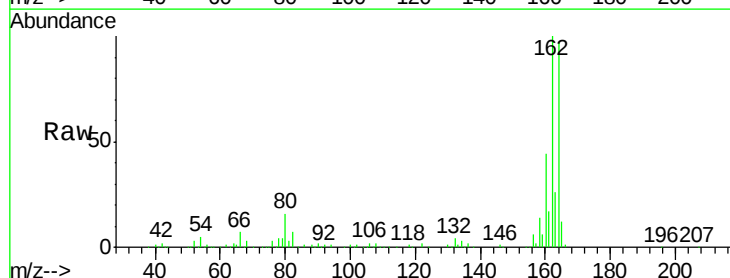
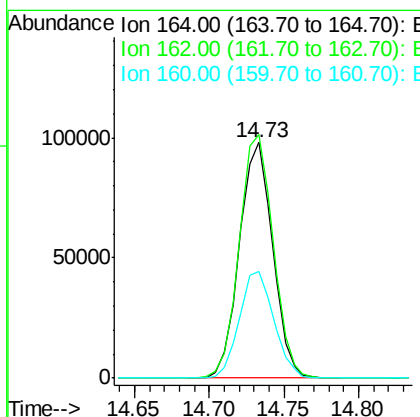
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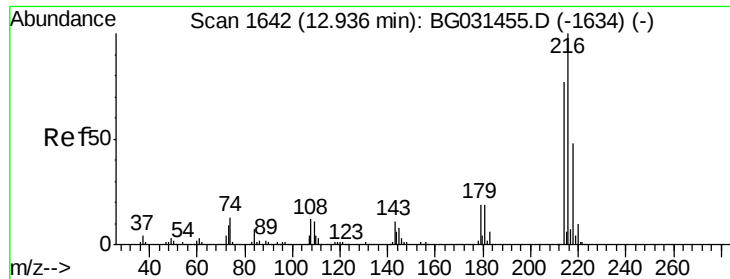
Sohil  
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#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.73 min Scan# 1948  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.4 | 78.8  | 118.2 |
| 160     | 45.5  | 35.4  | 53.0  |





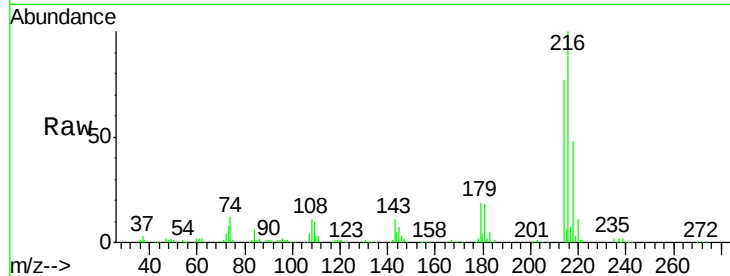
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.551 ng  
 RT: 12.94 min Scan# 1642  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

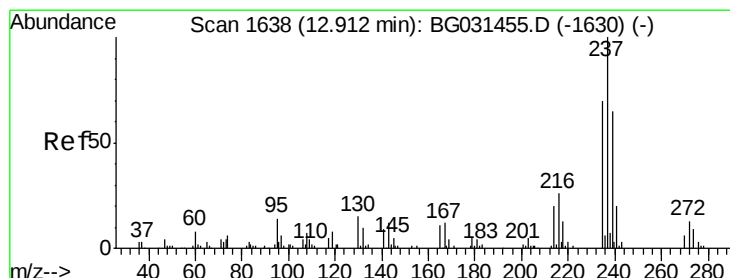
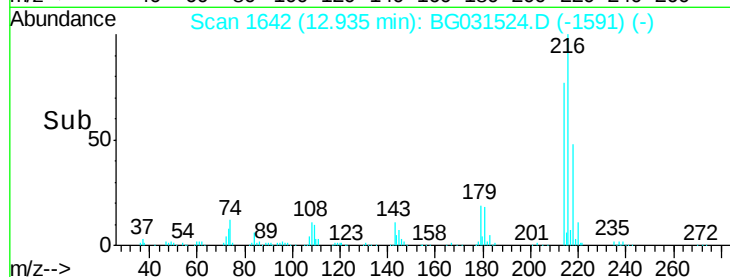
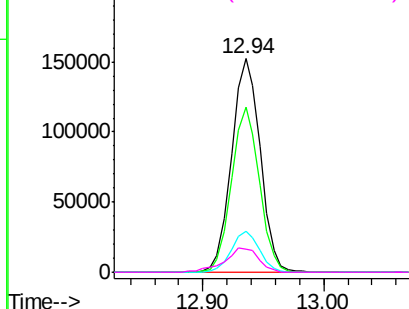
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 75.2  | 63.0  | 94.4  |
| 179     | 18.4  | 17.0  | 25.6  |
| 108     | 13.3  | 12.8  | 19.2  |

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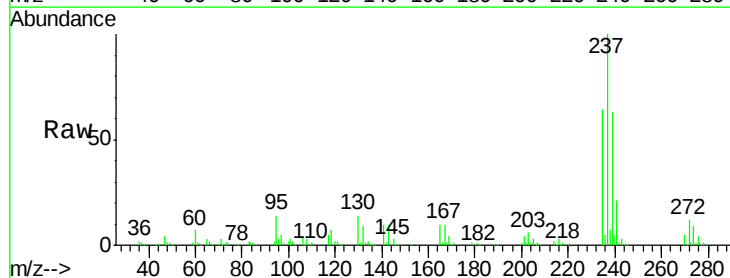


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

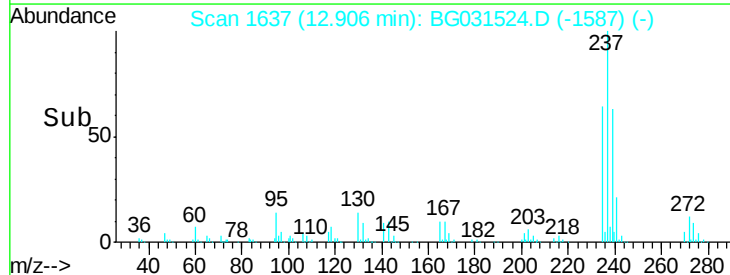
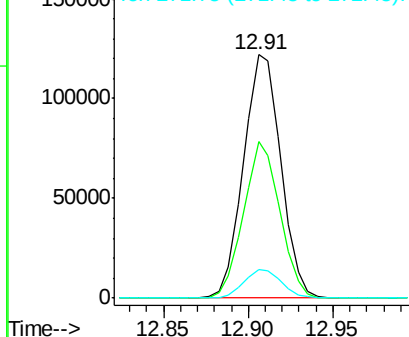


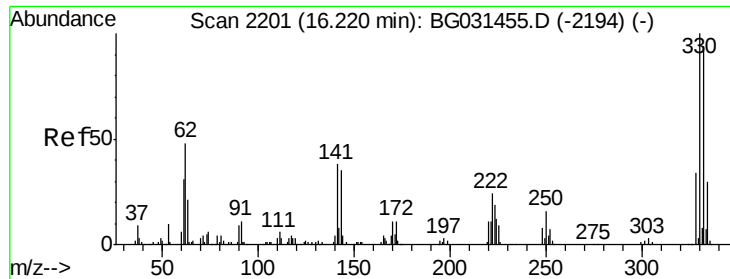
#40  
 Hexachlorocyclopentadiene  
 Concen: 88.112 ng  
 RT: 12.91 min Scan# 1637  
 Delta R.T. -0.01 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.4  | 50.4  | 90.4  |
| 272     | 11.8  | 0.0   | 31.8  |



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





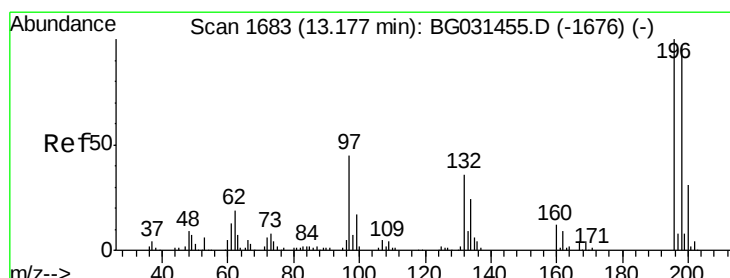
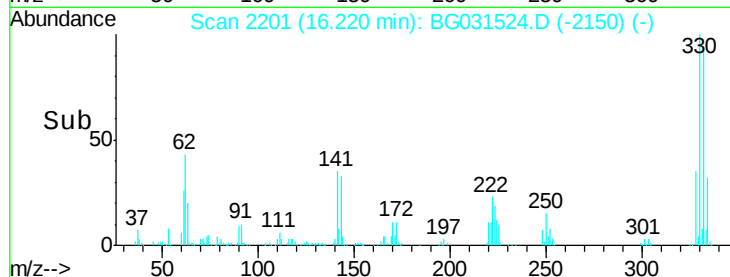
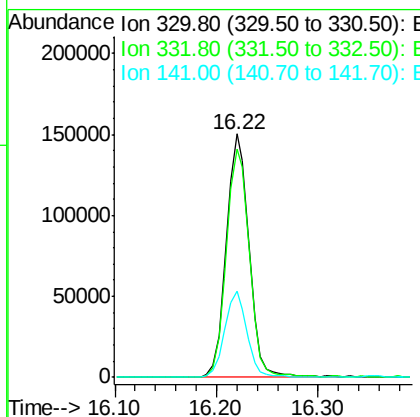
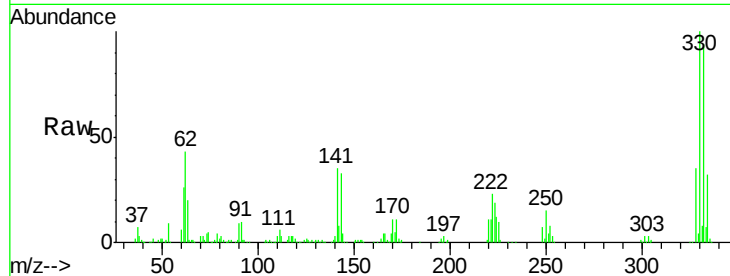
#41  
 2,4,6-Tribromophenol  
 Concen: 132.013 ng  
 RT: 16.22 min Scan# 2201  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 233548 |       |       |
| 332     | 95.1  | 77.0   | 115.6 |       |
| 141     | 34.5  | 25.2   | 37.8  |       |

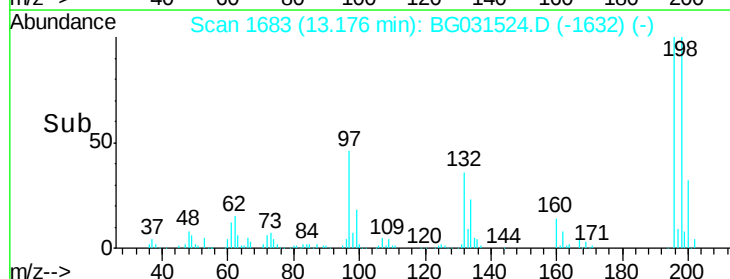
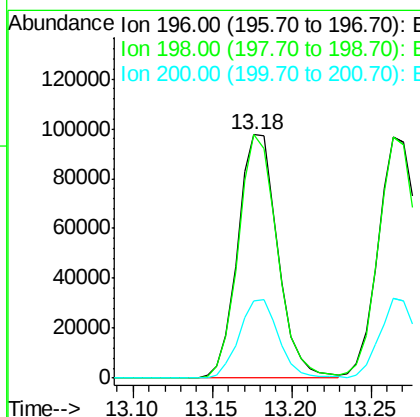
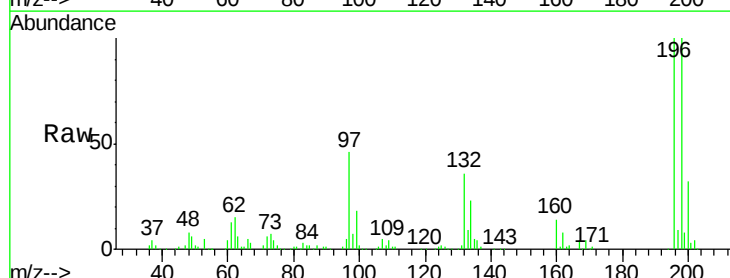
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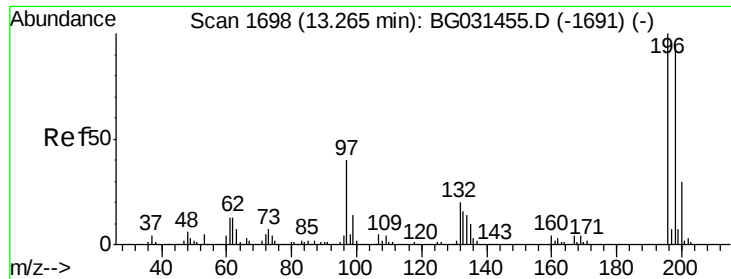
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#42  
 2,4,6-Trichlorophenol  
 Concen: 56.565 ng  
 RT: 13.18 min Scan# 1683  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 170559 |       |       |
| 198     | 99.9  | 78.2   | 117.2 |       |
| 200     | 31.5  | 24.6   | 36.8  |       |





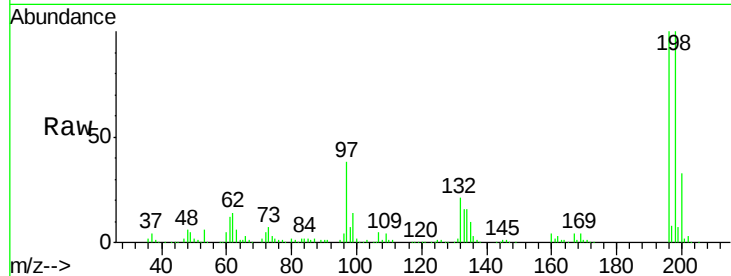
#43  
2,4,5-Trichlorophenol  
Concen: 57.545 ng  
RT: 13.26 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 186911 |       |       |
| 198     | 99.8  | 76.2   | 114.4 |       |
| 97      | 38.5  | 38.7   | 58.1  |       |
| 132     | 21.4  | 20.2   | 30.2  |       |

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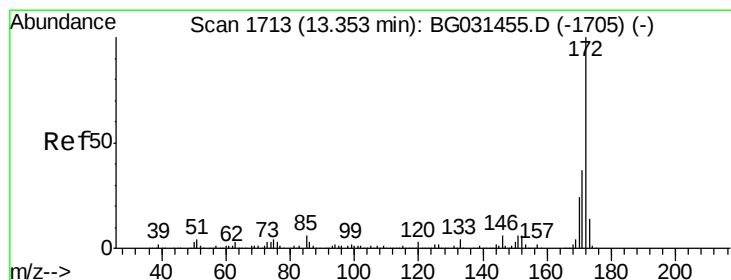
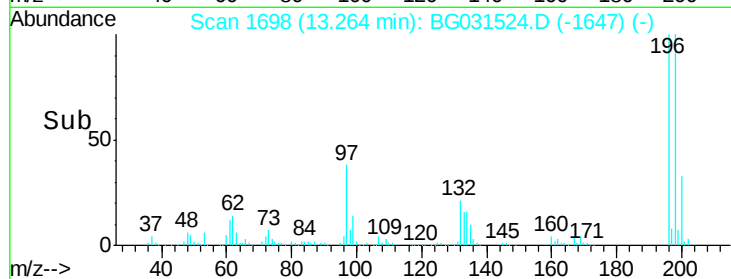
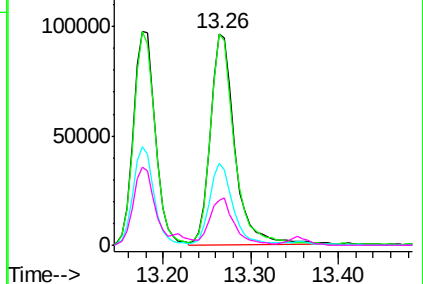
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 104.208 ng  
RT: 13.35 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

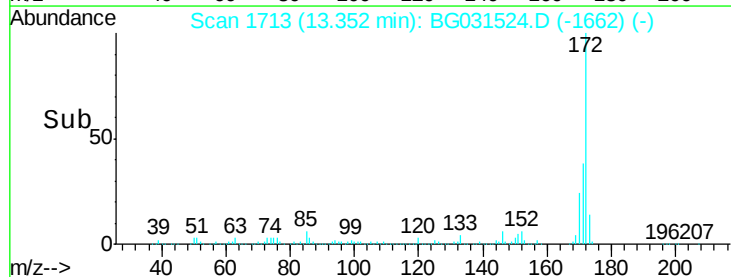
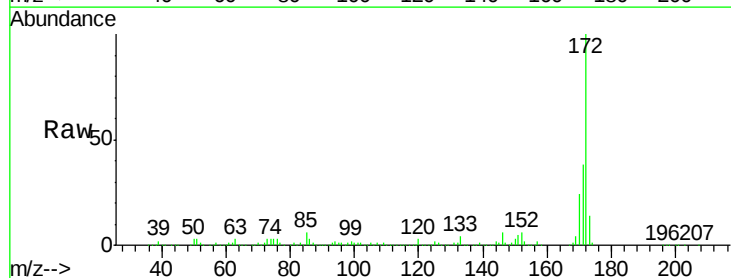
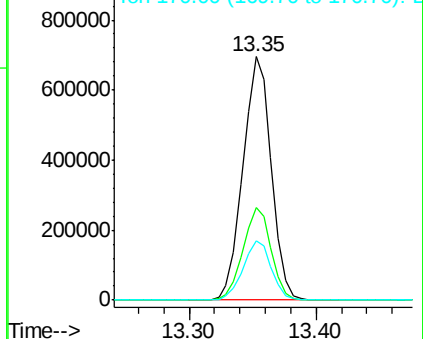
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1072044 |       |       |
| 171     | 38.1  | 30.0    | 45.0  |       |
| 170     | 24.2  | 19.5    | 29.3  |       |

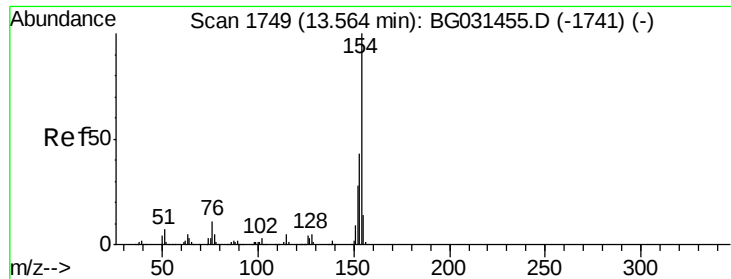
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





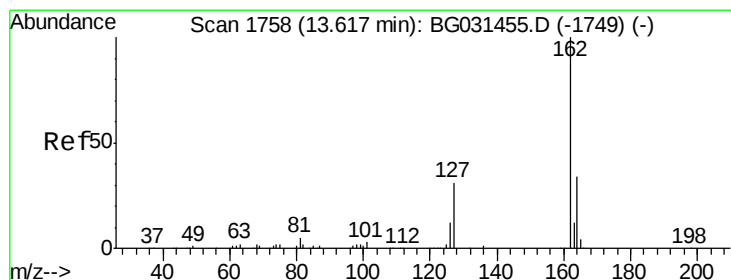
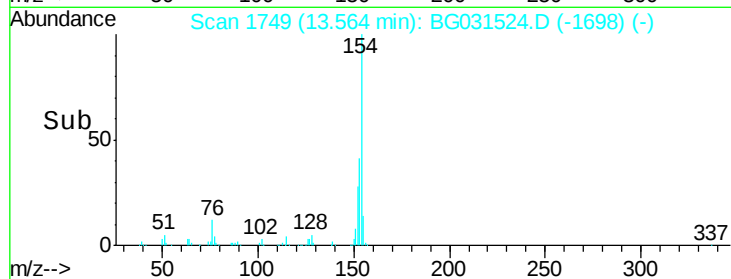
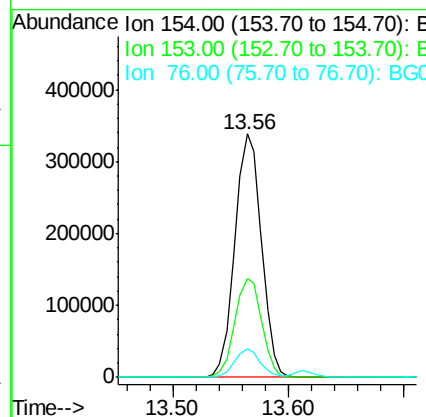
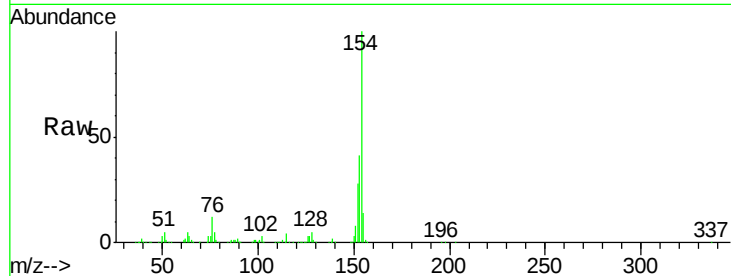
#45  
 1,1'-Biphenyl  
 Concen: 43.376 ng  
 RT: 13.56 min Scan# 1749  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.8  | 19.8 | 59.8  |       |
| 76      | 11.9  | 0.0  | 31.9  |       |

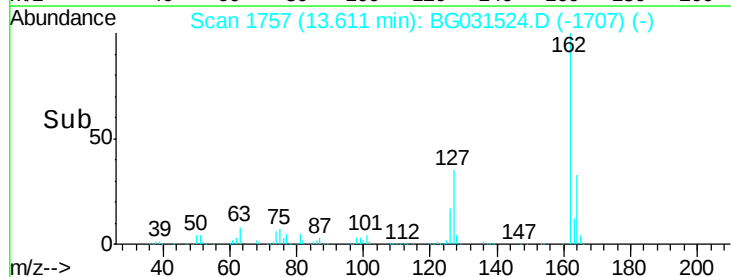
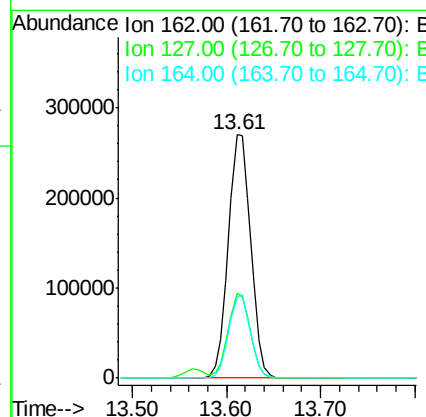
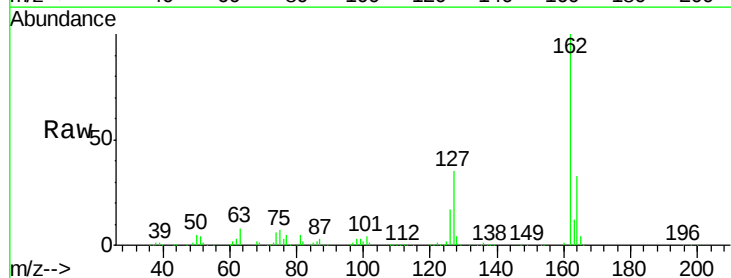
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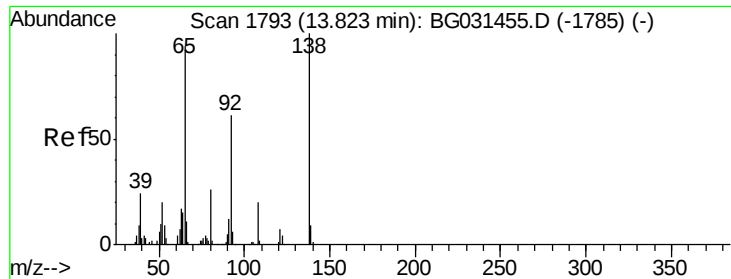
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#46  
 2-Chloronaphthalene  
 Concen: 49.421 ng  
 RT: 13.61 min Scan# 1757  
 Delta R.T. -0.01 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 34.8  | 30.7 | 46.1  |       |
| 164     | 33.3  | 26.0 | 39.0  |       |





#47

2-Nitroaniline

Concen: 49.761 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

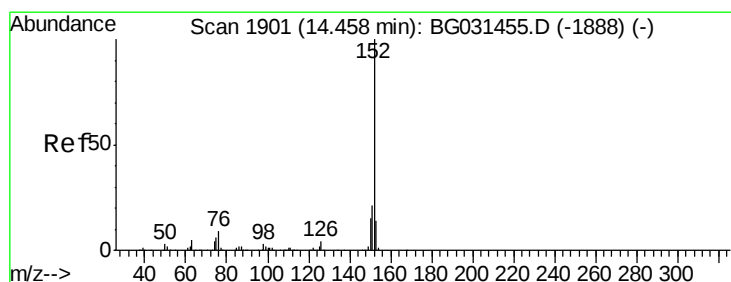
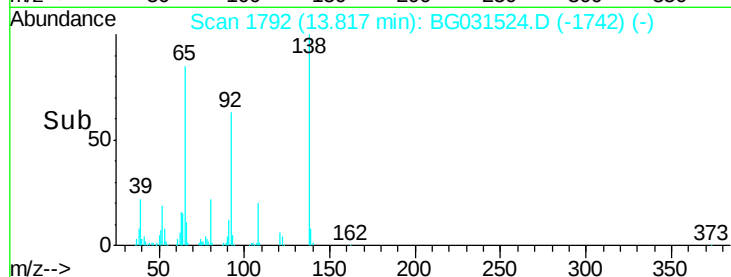
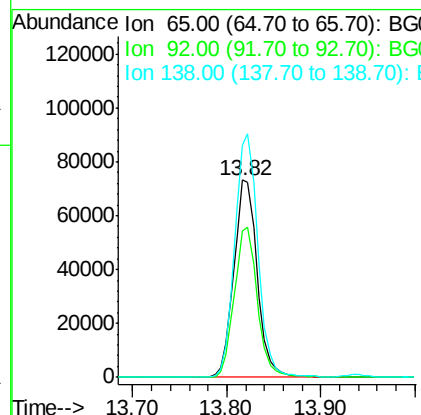
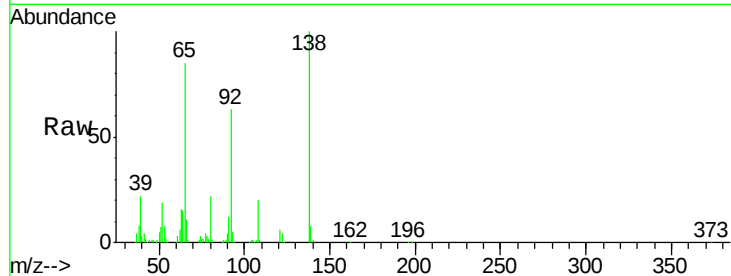
ClientSampleId :

PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.1  | 54.6  | 82.0  |
| 138     | 117.4 | 72.9  | 109.3 |

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#48

Acenaphthylene

Concen: 47.607 ng

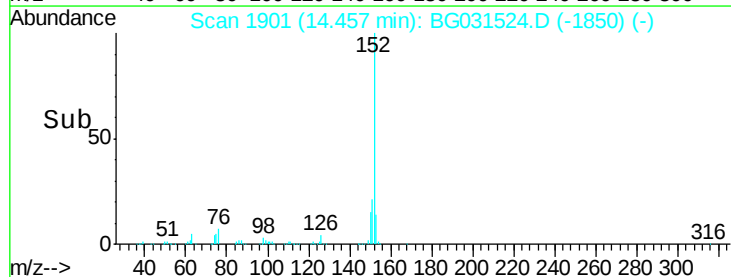
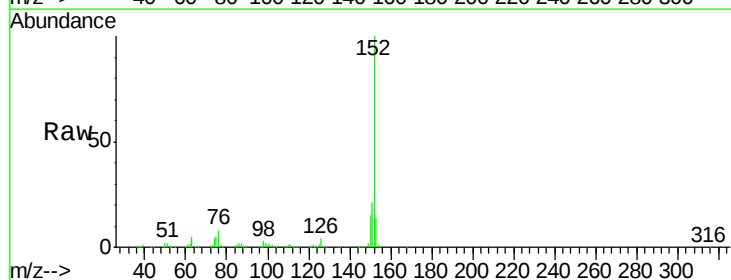
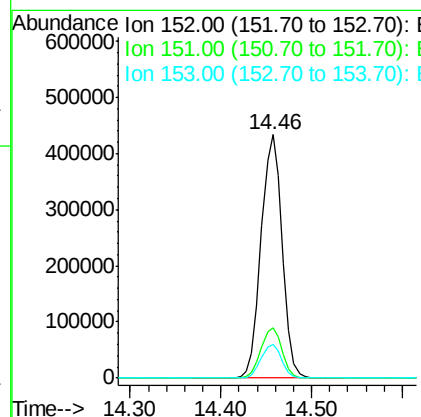
RT: 14.46 min Scan# 1901

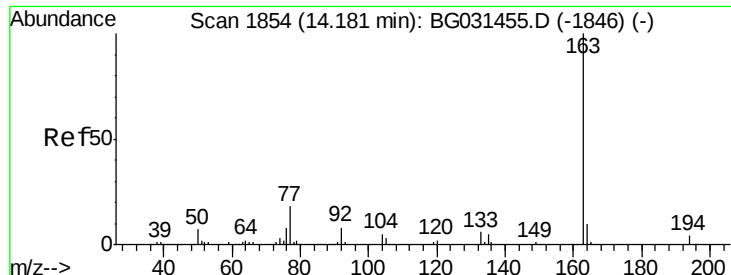
Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 17.2  | 25.8  |
| 153     | 13.9  | 10.2  | 15.4  |





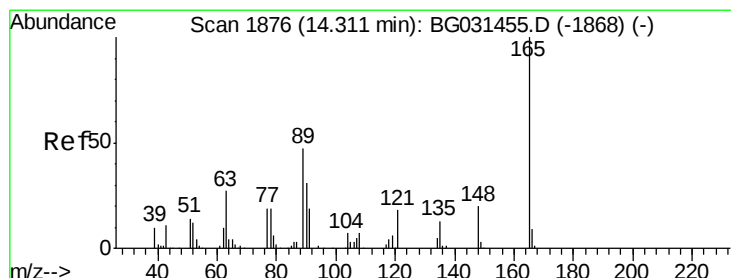
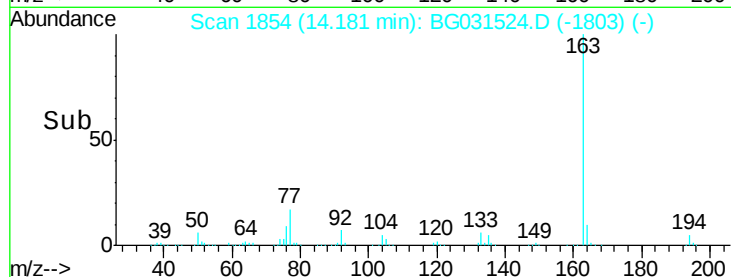
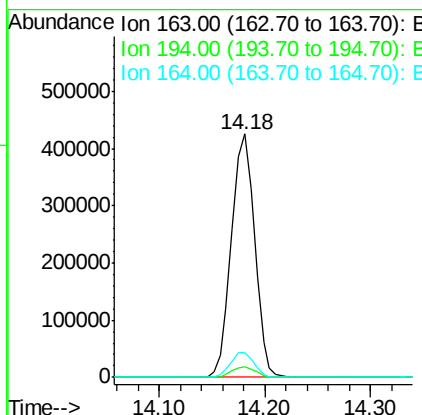
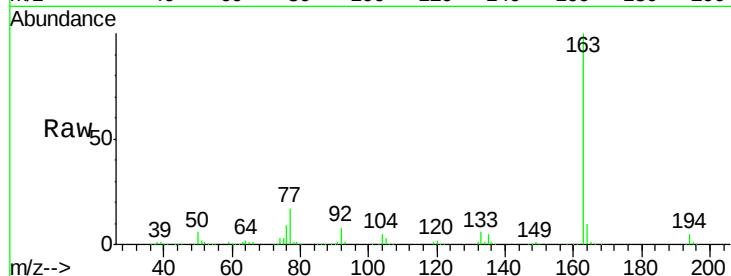
#49  
Dimethylphthalate  
Concen: 51.722 ng  
RT: 14.18 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampled :  
PB104960BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 646623 |       |       |
| 194     | 4.6   |        | 3.4   | 5.2   |
| 164     | 10.2  |        | 8.2   | 12.4  |

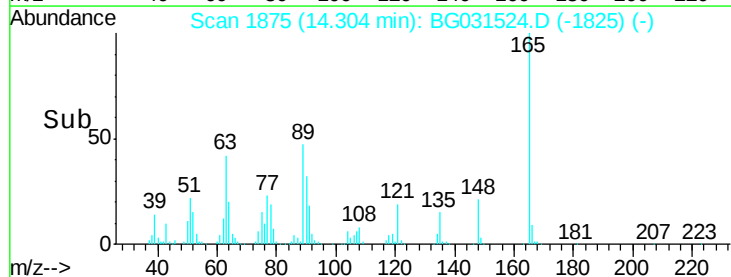
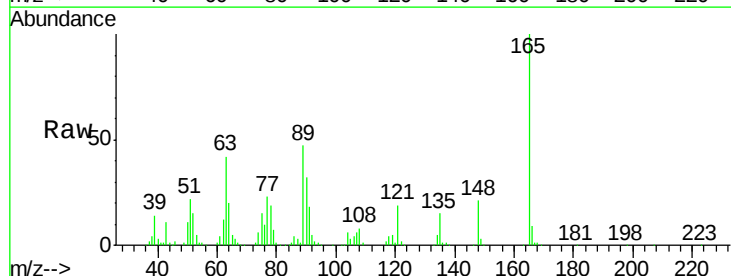
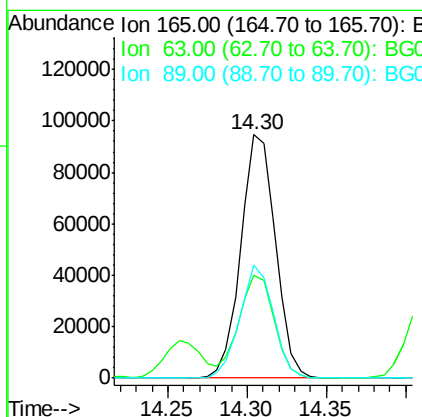
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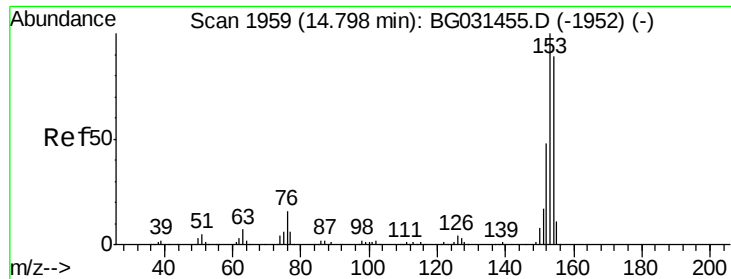
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#50  
2,6-Dinitrotoluene  
Concen: 53.610 ng  
RT: 14.30 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 143259 |       |       |
| 63      | 42.3  |        | 52.7  | 79.1# |
| 89      | 46.6  |        | 49.2  | 73.8# |





#51

Acenaphthene

Concen: 47.020 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

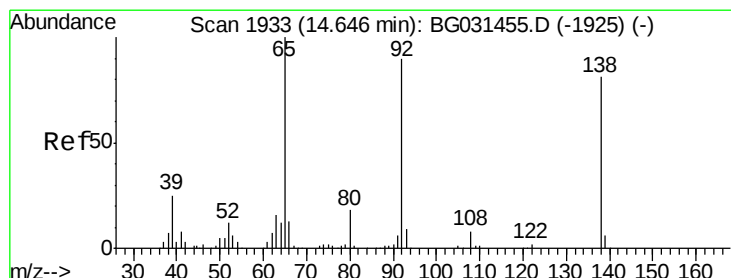
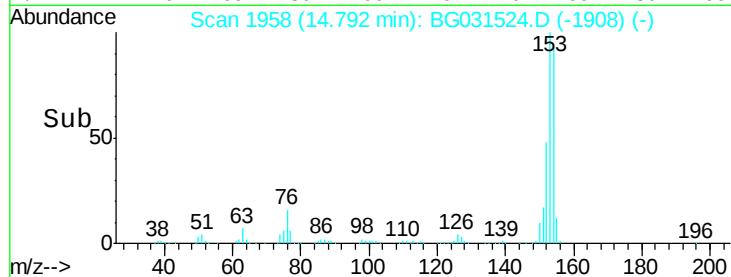
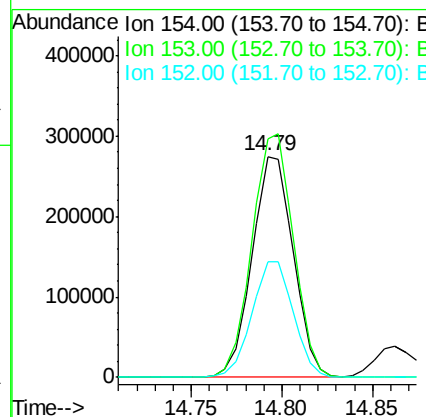
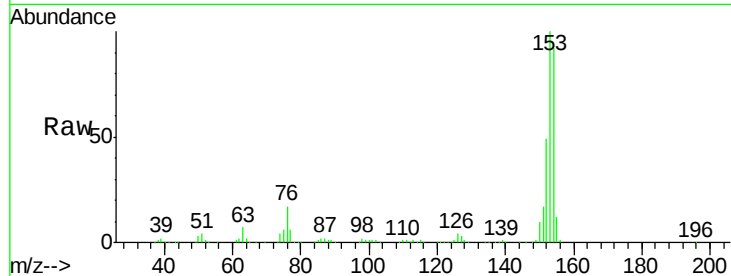
ClientSampleId :

PB104960BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 434279 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 108.2 | 90.4  | 135.6  |
| 152       | 52.5  | 41.6  | 62.4   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 18.473 ng

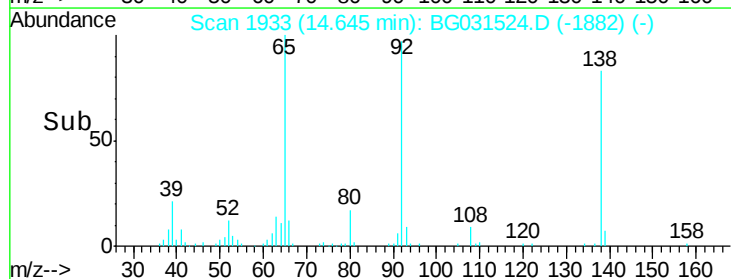
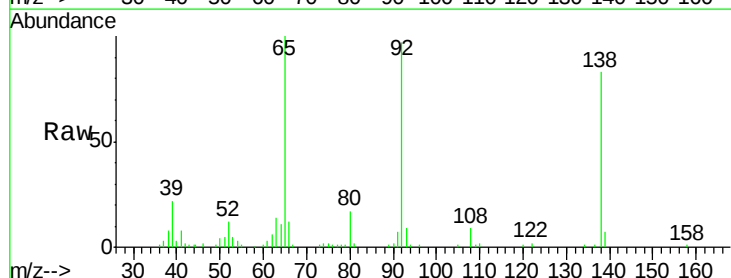
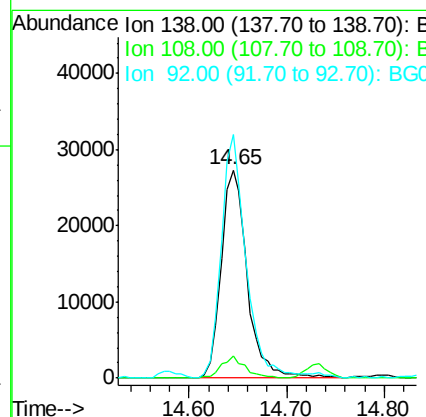
RT: 14.65 min Scan# 1933

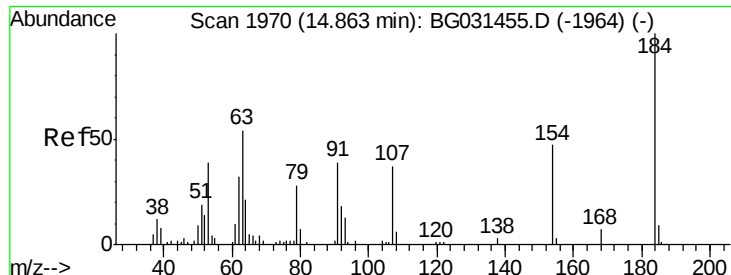
Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 50321 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.4  | 17.5  | 26.3# |
| 92        | 116.8 | 105.8 | 158.8 |





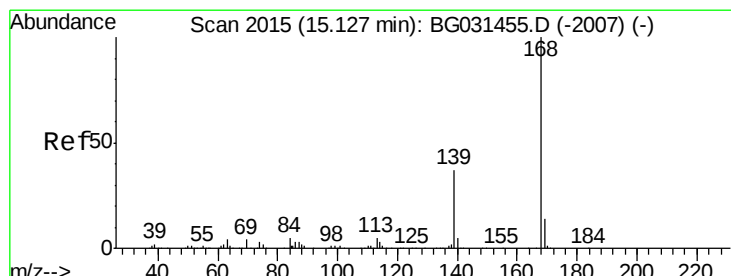
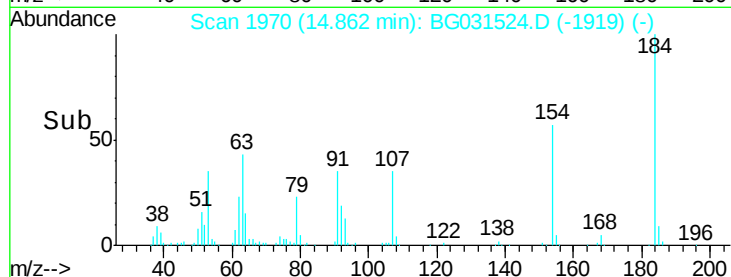
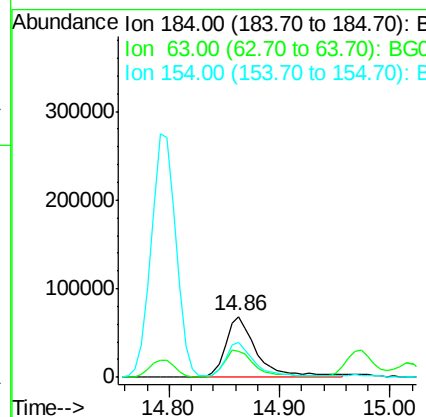
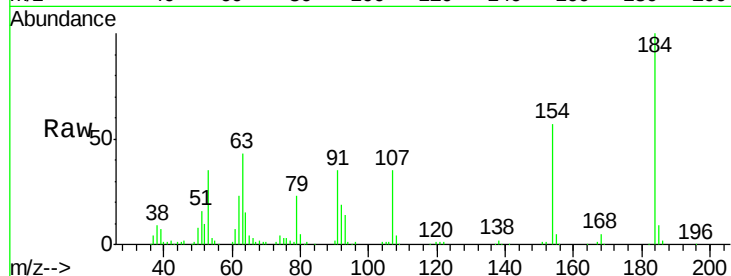
#53  
 2,4-Dinitrophenol  
 Concen: 117.967 ng  
 RT: 14.86 min Scan# 1970  
 Delta R.T. 0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 184     | 100   |       |        |       |
| 63      | 42.9  | 59.8  | 89.8#  |       |
| 154     | 57.1  | 101.8 | 152.8# |       |

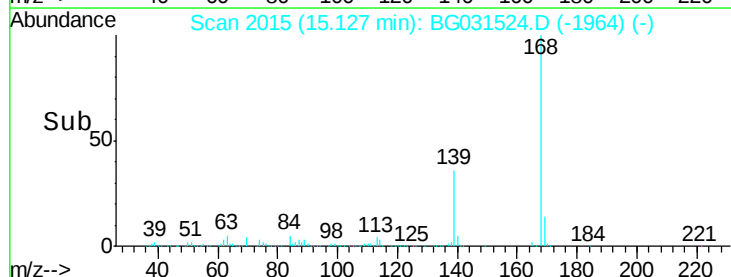
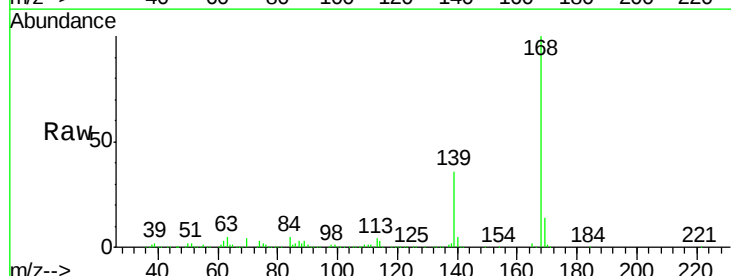
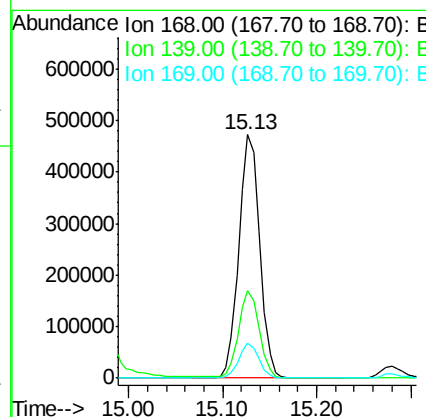
Manual Integrations  
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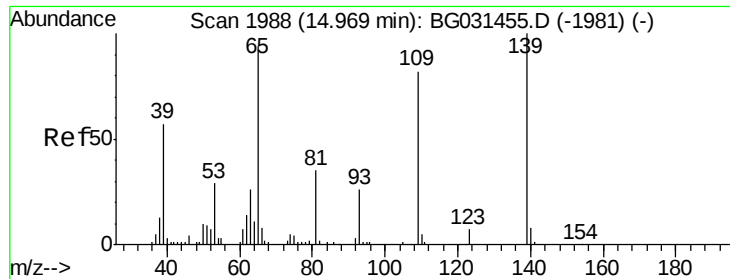
Sohil  
 12/15/2017 7:47:48 PM



#54  
 Dibenzofuran  
 Concen: 49.097 ng  
 RT: 15.13 min Scan# 2015  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 35.9  | 28.6 | 43.0  |       |
| 169     | 14.4  | 11.2 | 16.8  |       |





#55

4-Nitrophenol

Concen: 117.711 ng

RT: 14.97 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

ClientSampleId :

PB104960BS

Tot Ion:139 Resp: 219877

Ion Ratio Lower Upper

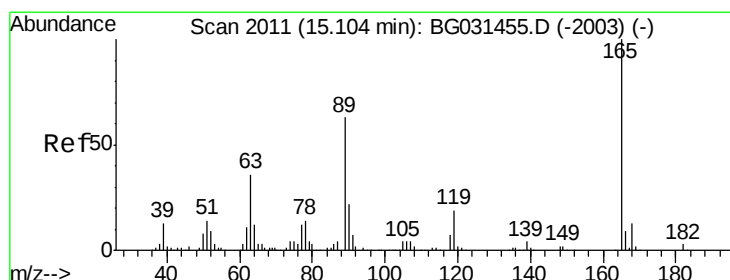
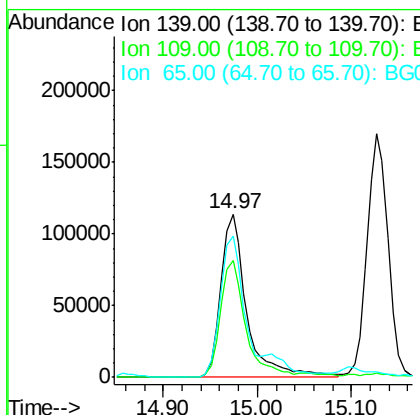
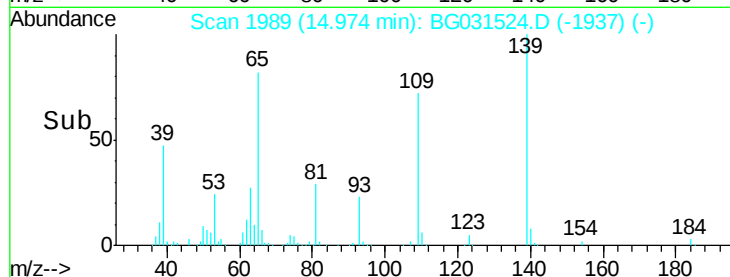
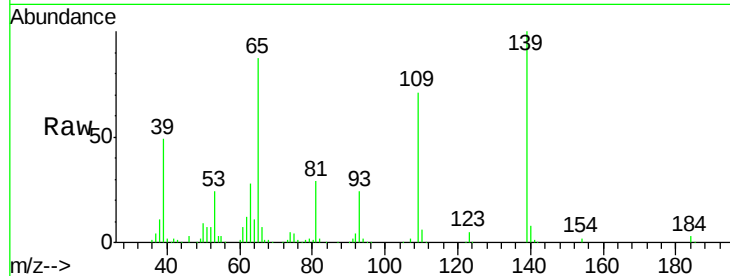
139 100

109 71.4 62.2 102.2

65 86.5 97.2 137.2#

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#56

2,4-Dinitrotoluene

Concen: 57.624 ng

RT: 15.10 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Tgt Ion:165 Resp: 218710

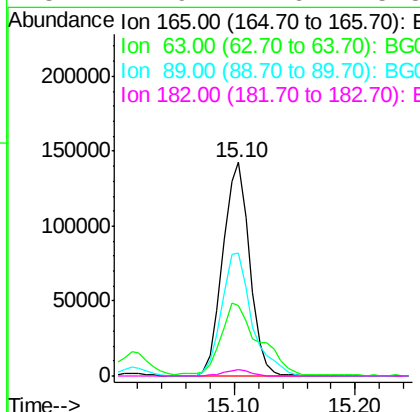
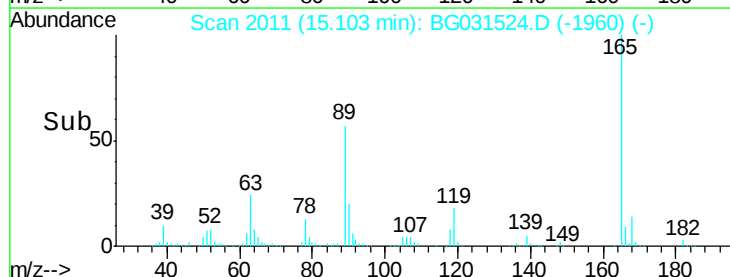
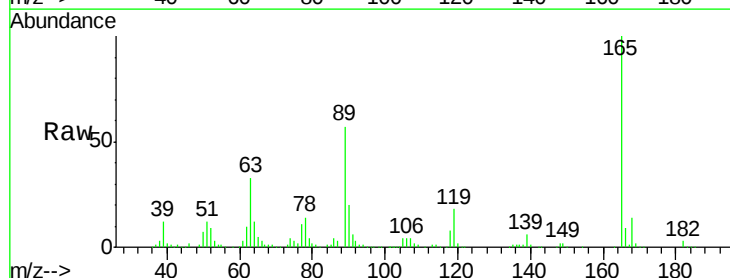
Ion Ratio Lower Upper

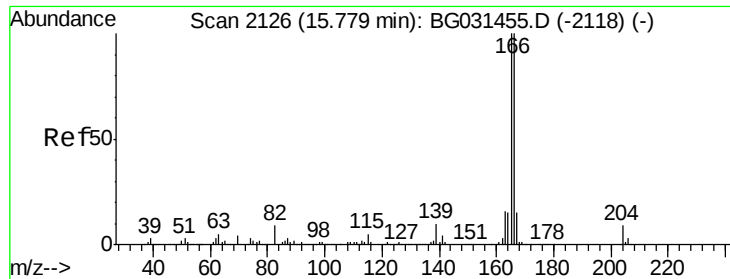
165 100

63 33.2 42.0 63.0#

89 57.4 66.9 100.3#

182 2.9 2.6 3.8





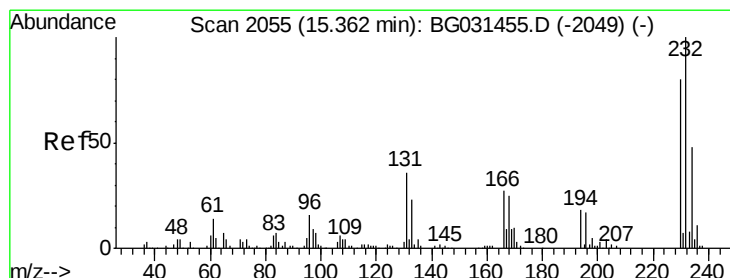
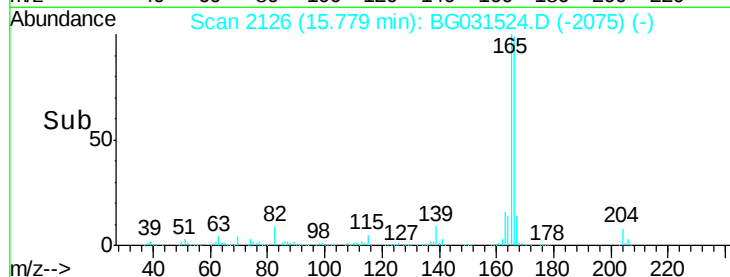
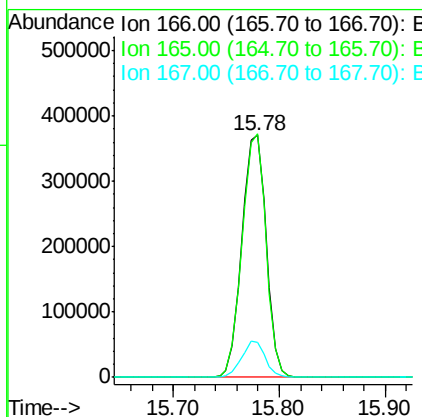
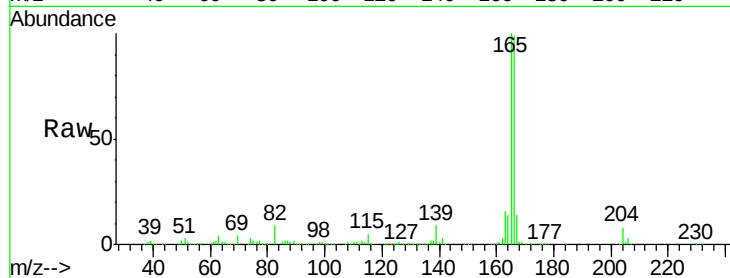
#57  
 Fluorene  
 Concen: 50.063 ng  
 RT: 15.78 min Scan# 2126  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.6 | 80.6  | 121.0 |
| 167     | 14.6  | 10.4  | 15.6  |

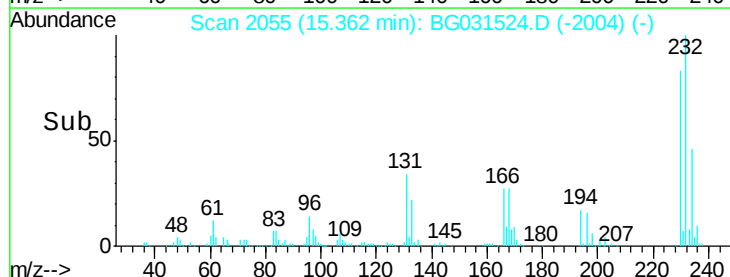
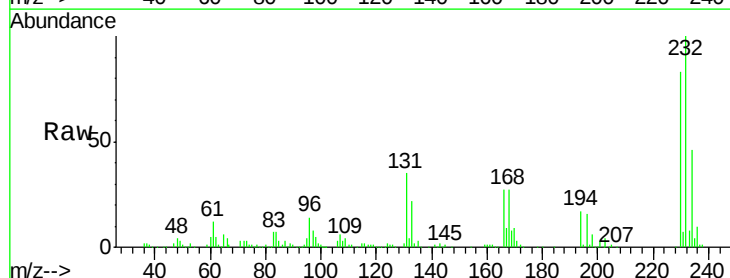
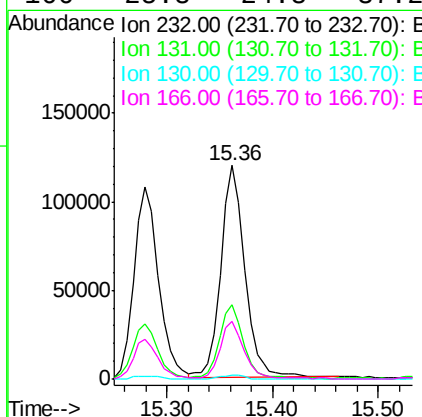
Manual Integrations  
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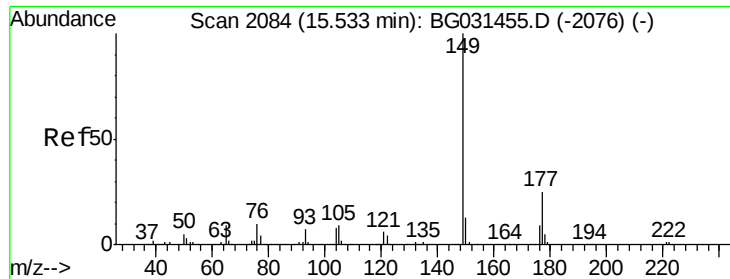
Sohil  
 12/15/2017 7:47:48 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 62.431 ng  
 RT: 15.36 min Scan# 2055  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 34.8  | 33.5  | 50.3  |
| 130     | 1.8   | 2.2   | 3.2#  |
| 166     | 25.8  | 24.8  | 37.2  |





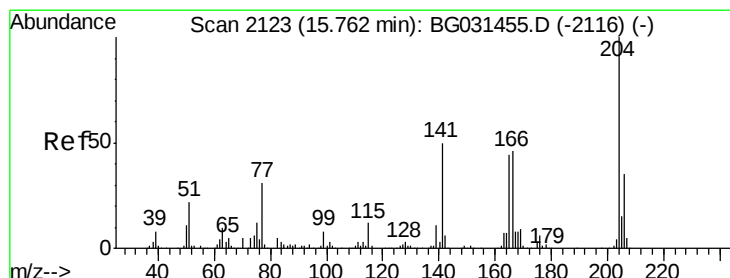
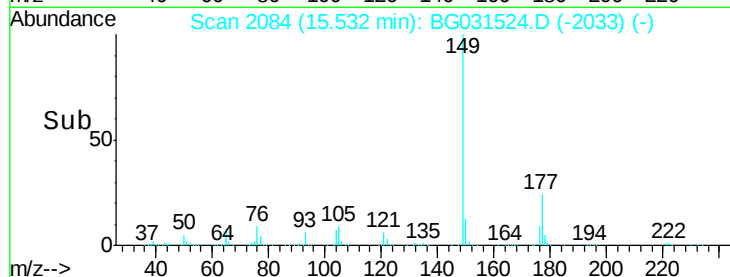
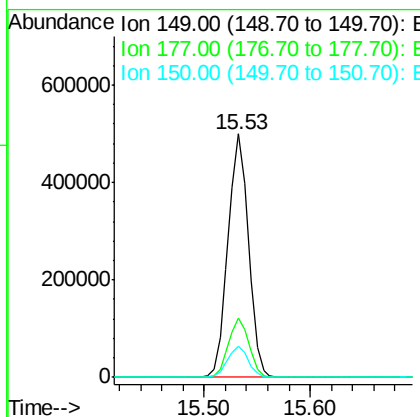
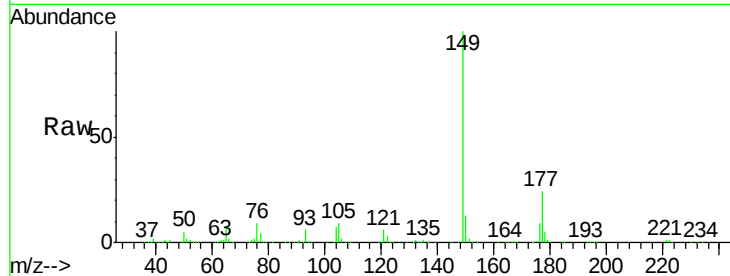
#59  
Diethylphthalate  
Concen: 53.277 ng  
RT: 15.53 min Scan# 2084  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.5  | 18.5  | 27.7  |
| 150     | 12.9  | 10.2  | 15.2  |

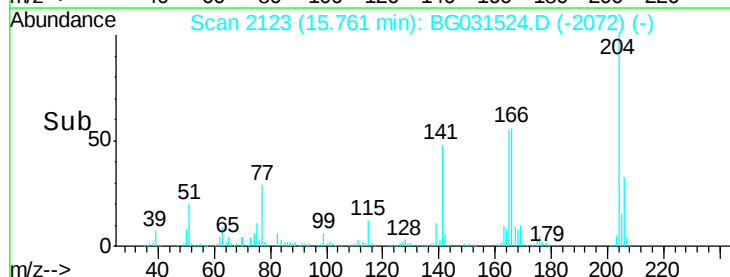
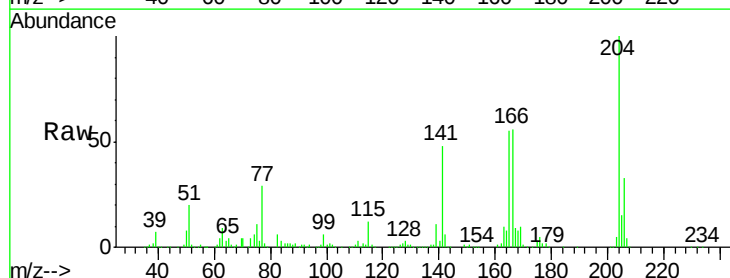
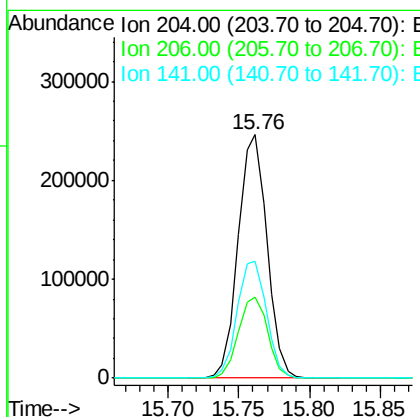
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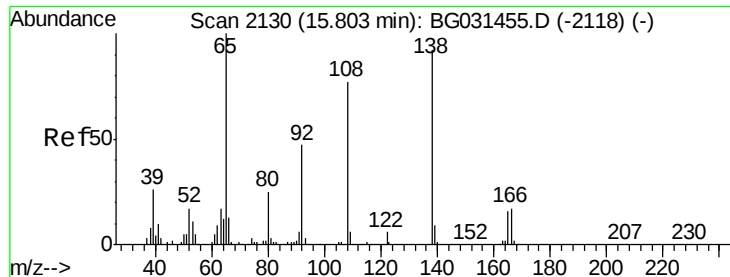
Sohil  
12/15/2017 7:47:48 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.481 ng  
RT: 15.76 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 26.2  | 39.2  |
| 141     | 47.9  | 45.8  | 68.6  |





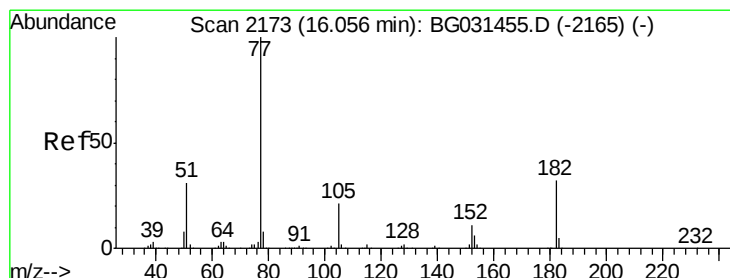
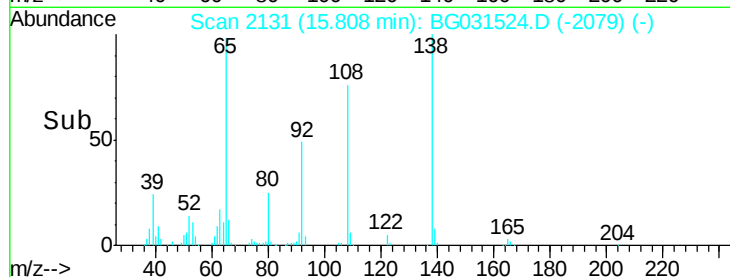
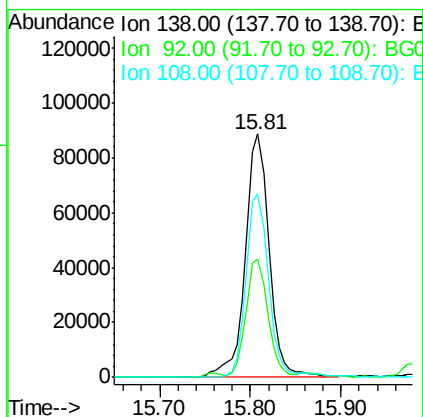
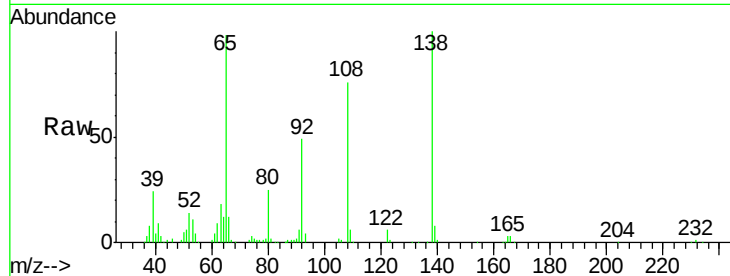
#61  
4-Nitroaniline  
Concen: 56.983 ng  
RT: 15.81 min Scan# 2131  
Delta R.T. 0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.6  | 40.1  | 80.1  |
| 108     | 75.6  | 65.4  | 105.4 |

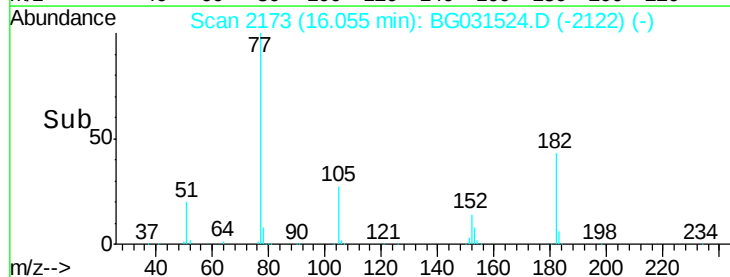
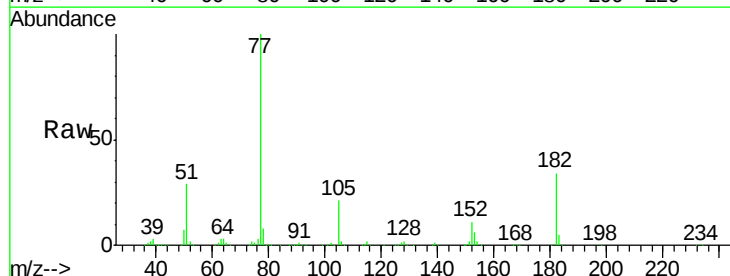
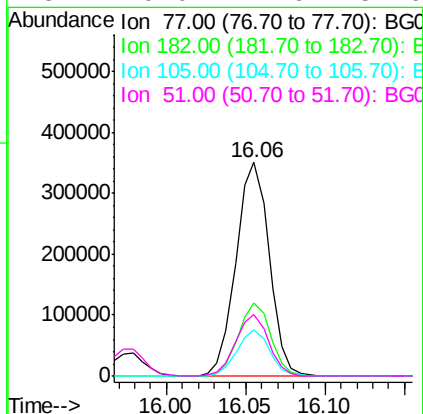
Manual Integrations  
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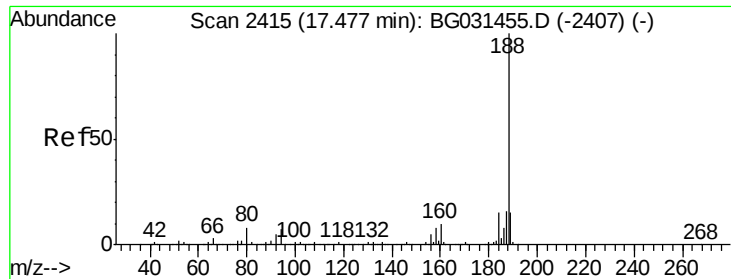
Sohil  
12/15/2017 7:47:48 PM



#62  
Azobenzene  
Concen: 48.857 ng  
RT: 16.06 min Scan# 2173  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 34.0  | 7.4   | 47.4  |
| 105     | 21.5  | 0.3   | 40.3  |
| 51      | 29.0  | 11.6  | 51.6  |





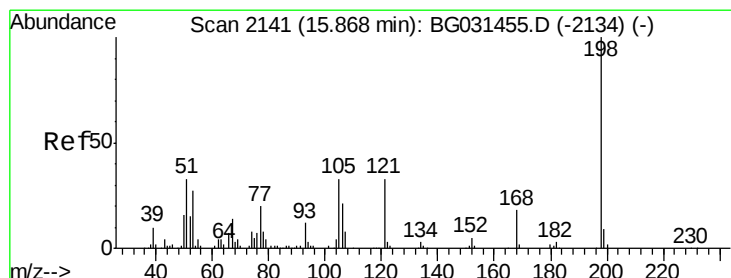
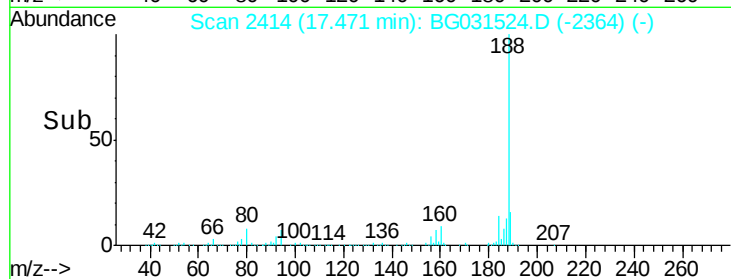
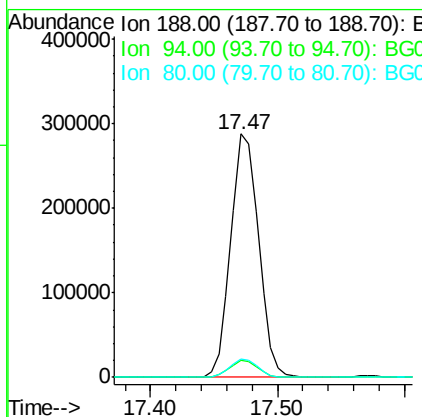
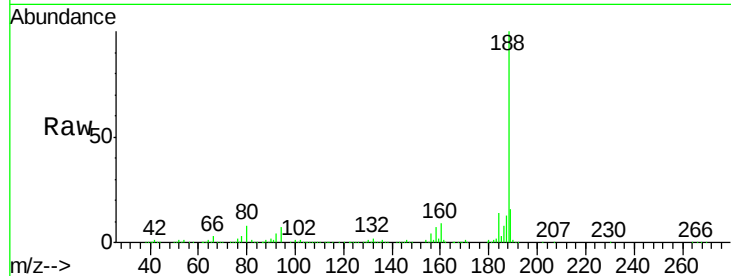
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.47 min Scan# 2414  
Delta R.T. -0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 437879 |       |       |
| 94      | 7.1   |        | 6.9   | 10.3  |
| 80      | 7.7   |        | 7.7   | 11.5  |

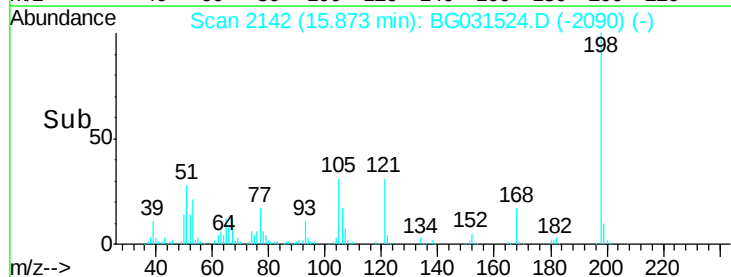
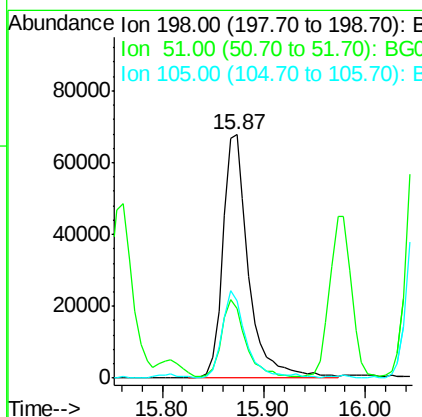
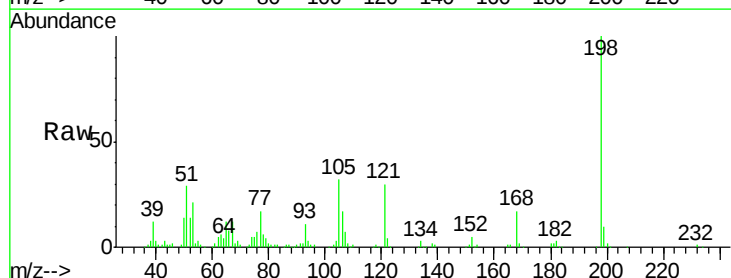
Manual Integrations  
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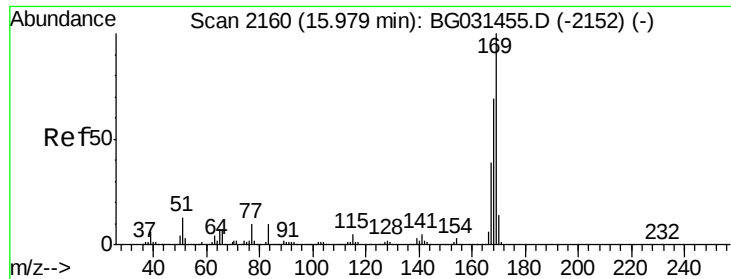
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.182 ng  
RT: 15.87 min Scan# 2142  
Delta R.T. 0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 118898 |       |       |
| 51      | 28.8  |        | 30.6  | 70.6# |
| 105     | 31.8  |        | 23.8  | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 45.069 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

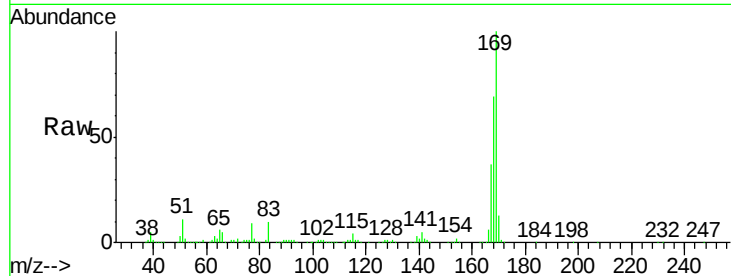
ClientSampled :

PB104960BS

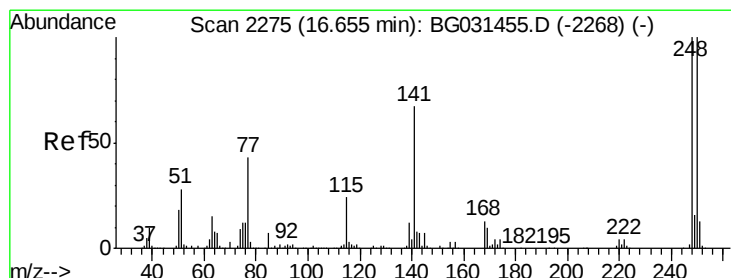
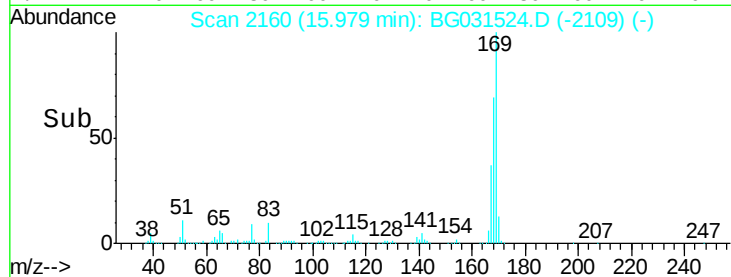
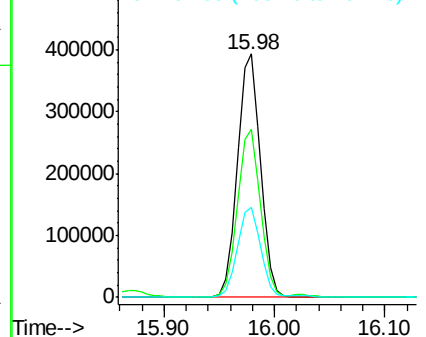
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 577644 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.3  | 55.7  | 83.5   |
| 167       | 37.1  | 30.1  | 45.1   |

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12/15/2017 7:47:48 PM



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



#66

4-Bromophenyl-phenylether

Concen: 47.357 ng

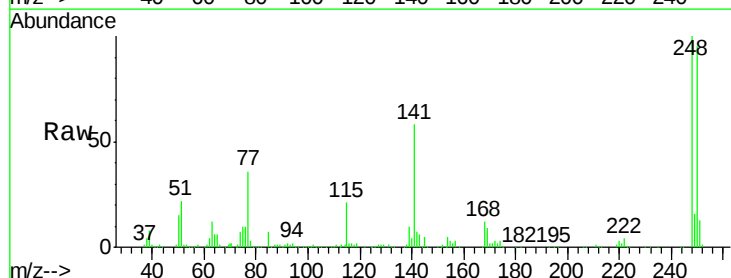
RT: 16.65 min Scan# 2275

Delta R.T. -0.00 min

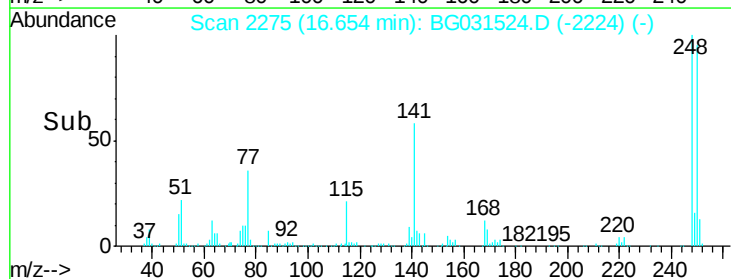
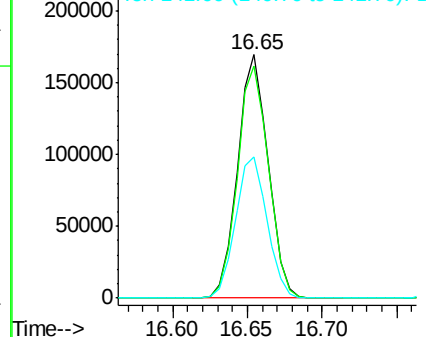
Lab File: BG031524.D

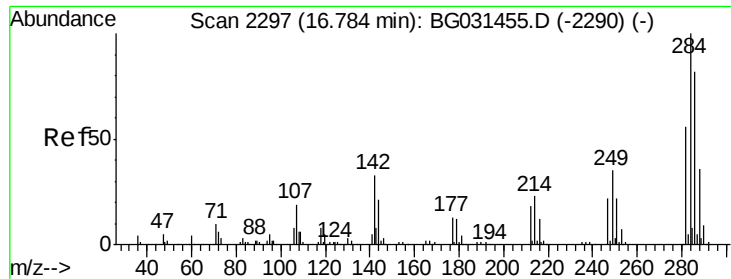
Acq: 13 Dec 2017 12:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 241130 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.4  | 77.1  | 115.7  |
| 141       | 58.1  | 50.8  | 76.2   |



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





#67

Hexachlorobenzene

Concen: 47.280 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

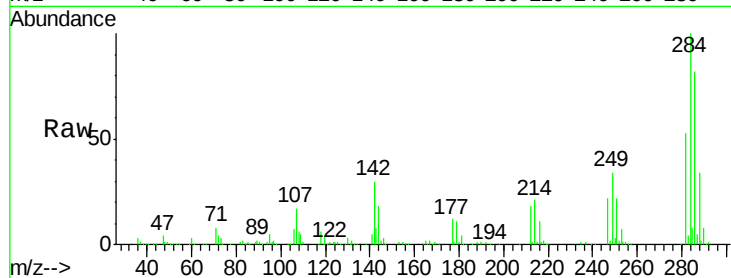
ClientSampleId :

PB104960BS

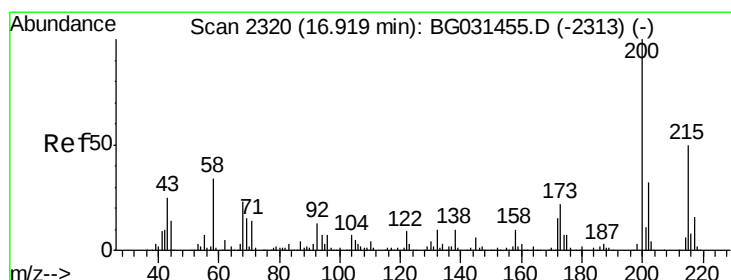
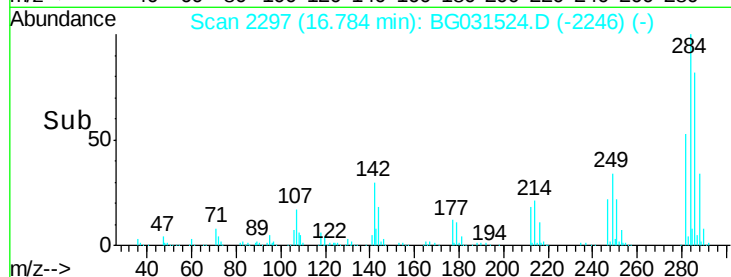
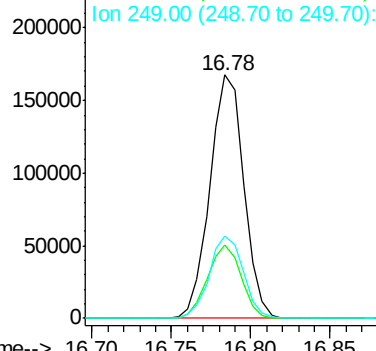
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 248591 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 30.1  | 26.8  | 40.2   |
| 249       | 33.9  | 26.3  | 39.5   |

Manual Integrations  
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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



#68

Atrazine

Concen: 57.459 ng

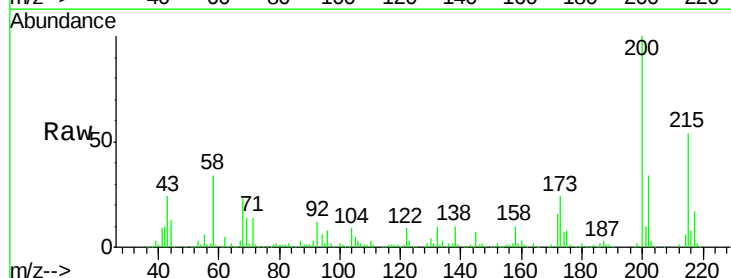
RT: 16.92 min Scan# 2320

Delta R.T. -0.00 min

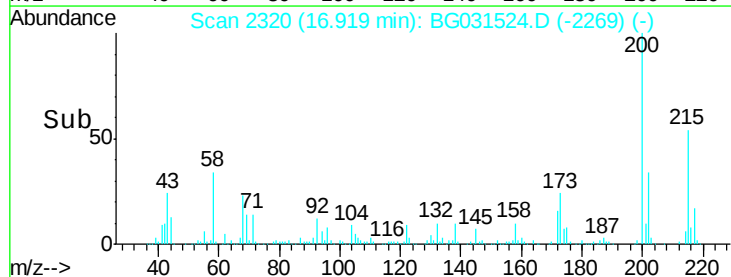
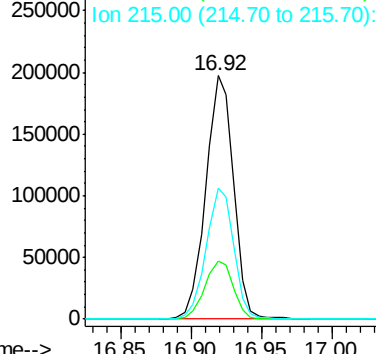
Lab File: BG031524.D

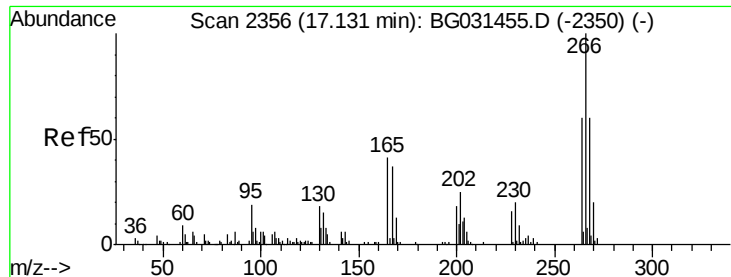
Acq: 13 Dec 2017 12:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 269279 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.0  | 5.2   | 45.2   |
| 215       | 53.6  | 30.4  | 70.4   |



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





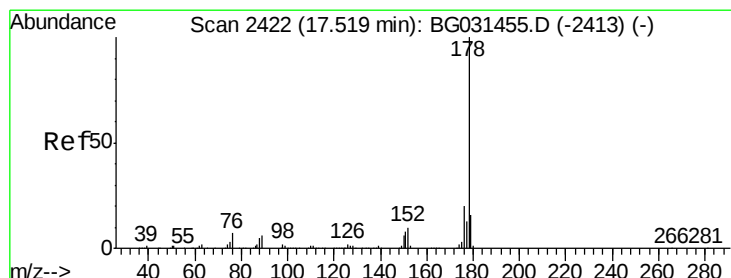
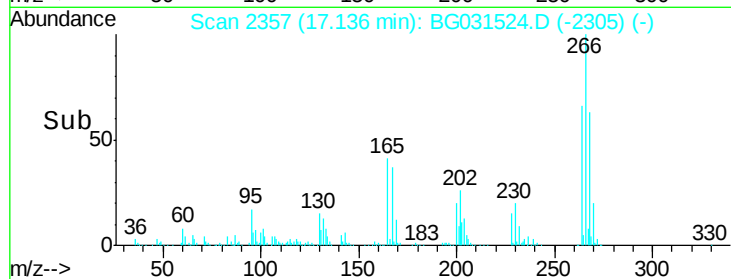
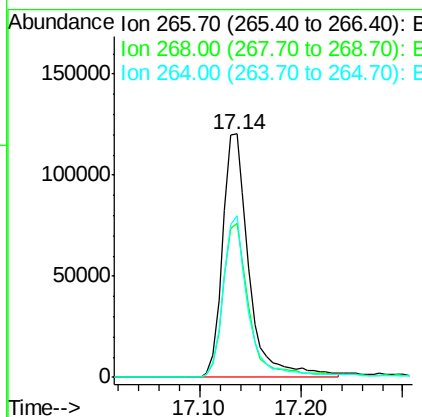
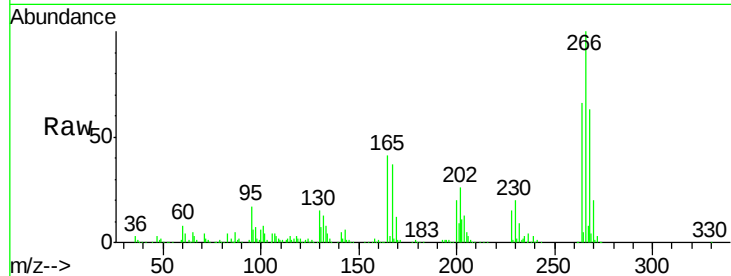
#69  
 Pentachlorophenol  
 Concen: 86.164 ng  
 RT: 17.14 min Scan# 2357  
 Delta R.T. 0.01 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 51.1  | 76.7  |
| 264     | 66.2  | 49.6  | 74.4  |

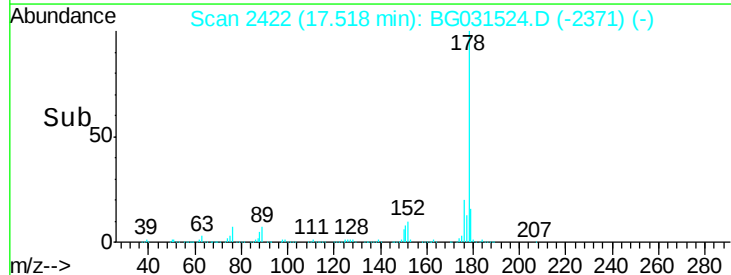
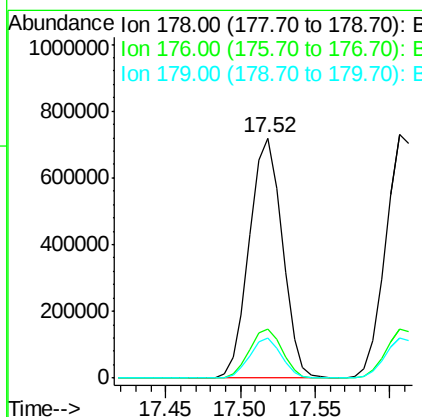
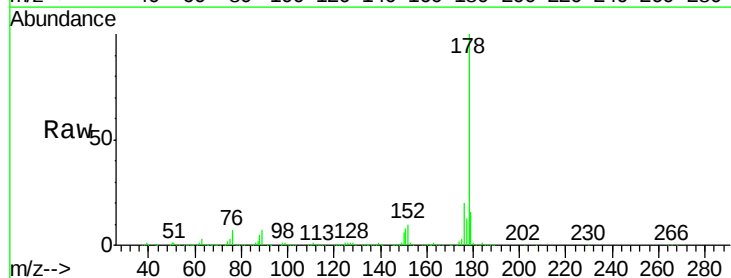
Manual Integrations  
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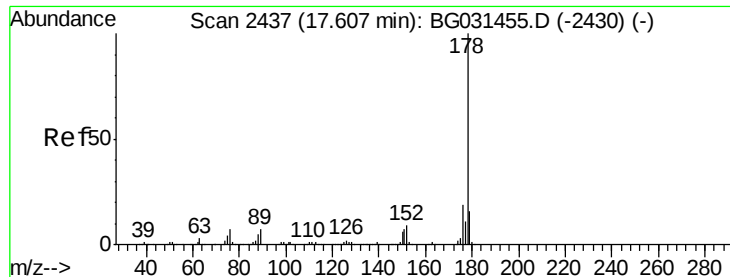
Sohil  
 12/15/2017 7:47:48 PM



#70  
 Phenanthrene  
 Concen: 48.144 ng  
 RT: 17.52 min Scan# 2422  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.3  | 15.7  | 23.5  |
| 179     | 16.5  | 12.5  | 18.7  |





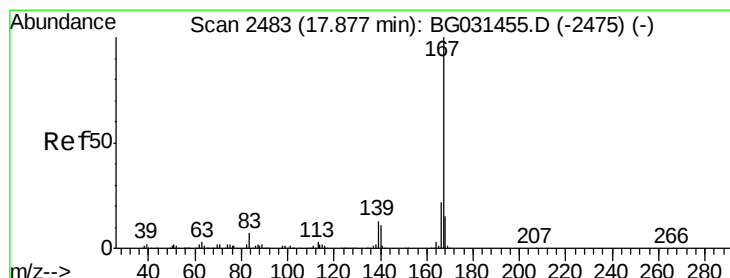
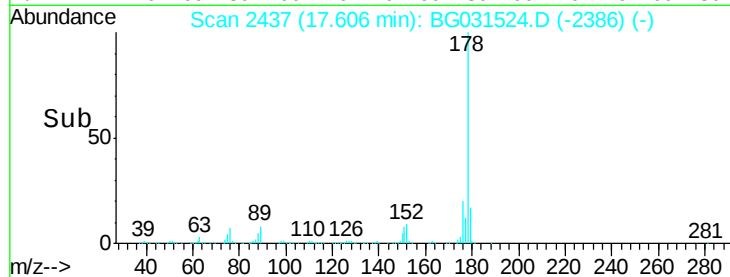
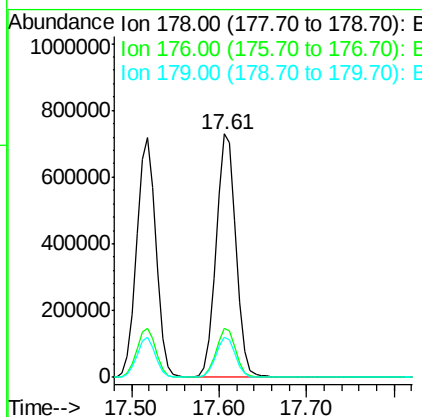
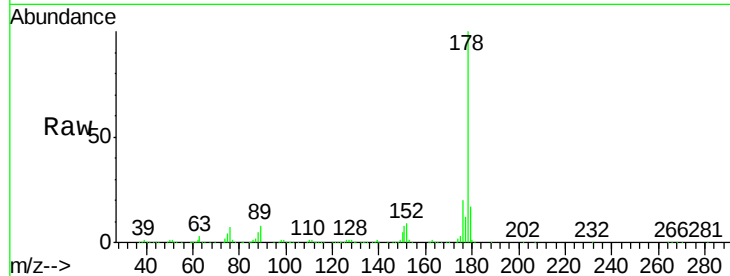
#71  
 Anthracene  
 Concen: 50.608 ng  
 RT: 17.61 min Scan# 2437  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 20.1 | 16.0  | 24.0  |       |
| 179     | 16.6 | 12.5  | 18.7  |       |

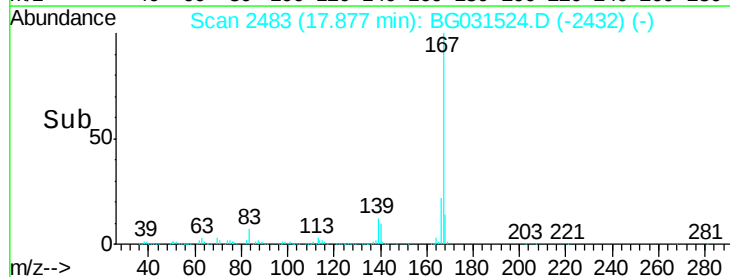
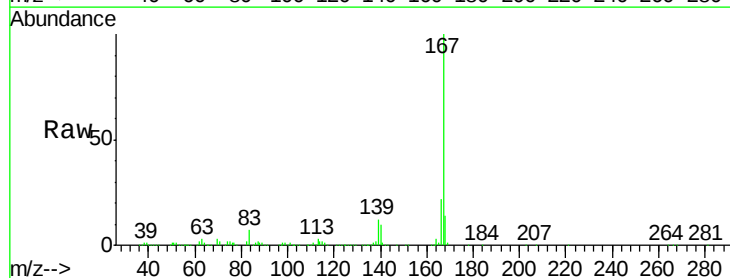
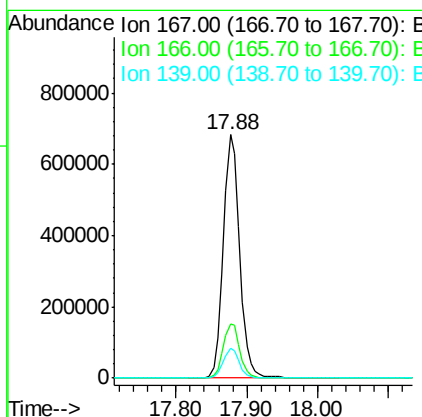
Manual Integrations  
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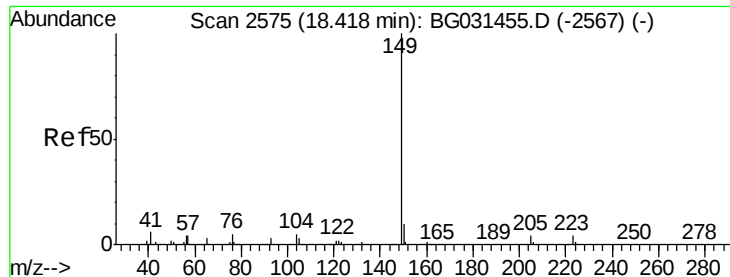
Sohil  
 12/15/2017 7:47:48 PM



#72  
 Carbazole  
 Concen: 53.716 ng  
 RT: 17.88 min Scan# 2483  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 22.3 | 18.2  | 27.4  |       |
| 139     | 12.3 | 9.4   | 14.2  |       |





#73

Di-n-butylphthalate

Concen: 54.735 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

ClientSampleId :

PB104960BS

Tot Ion:149 Resp: 1293738

Ion Ratio Lower Upper

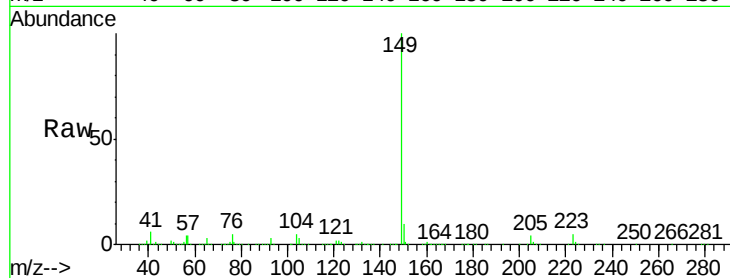
149 100

150 10.2 7.8 11.6

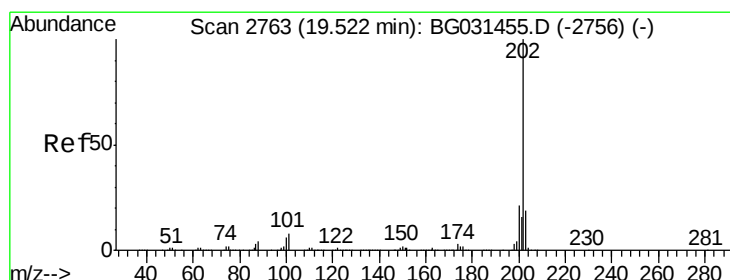
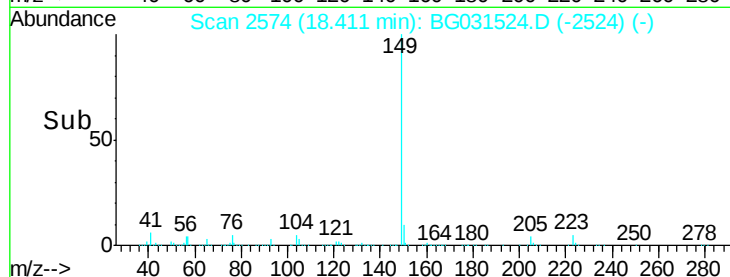
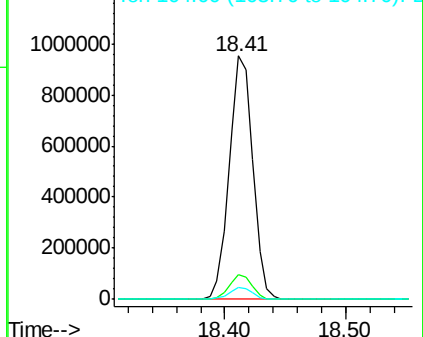
104 4.9 3.9 5.9

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.963 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

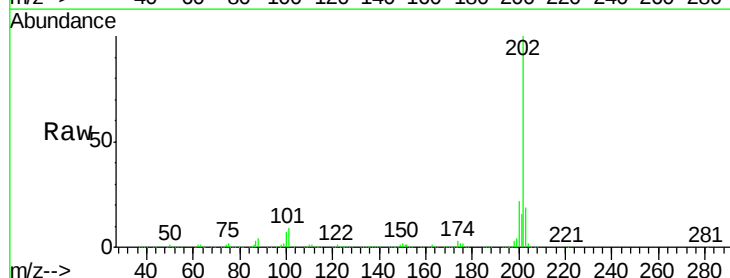
Tgt Ion:202 Resp: 1515766

Ion Ratio Lower Upper

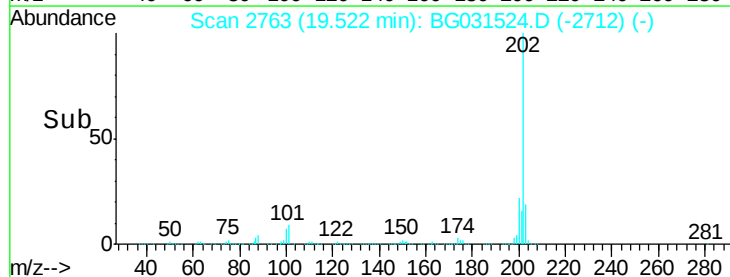
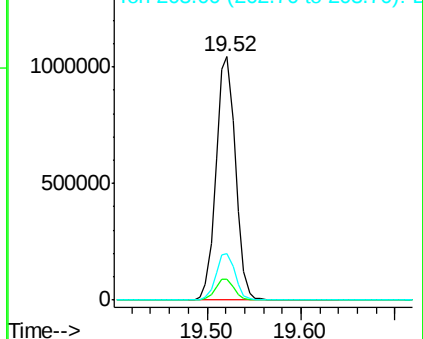
202 100

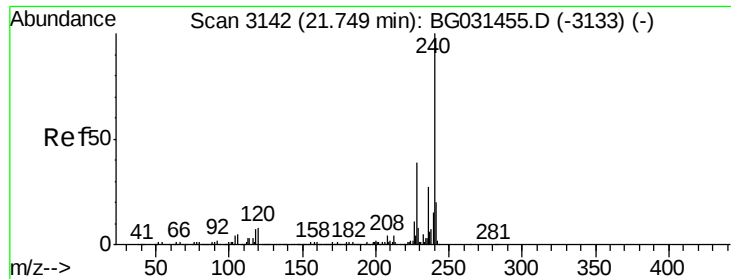
101 8.8 0.0 28.9

203 19.3 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

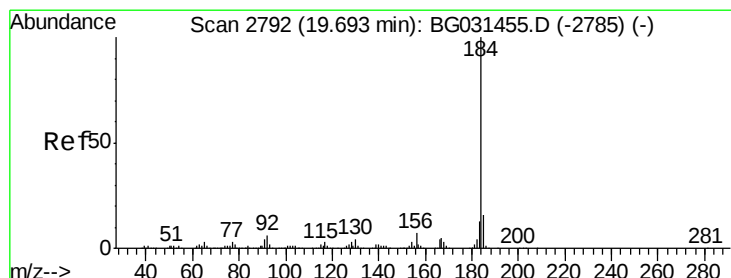
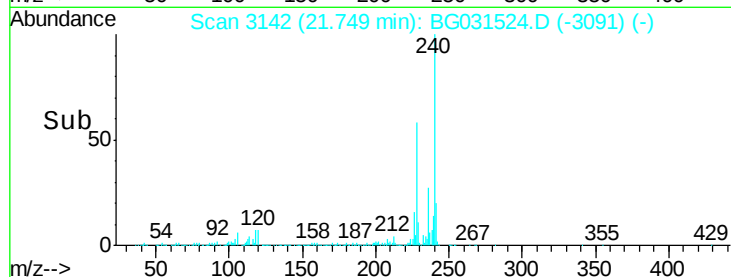
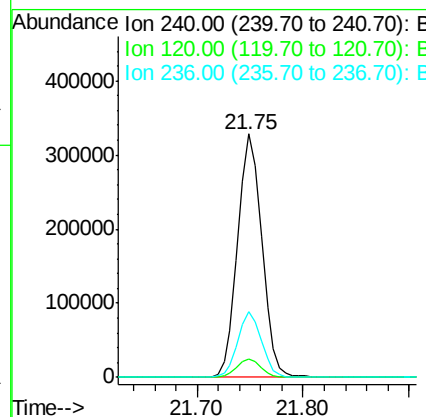
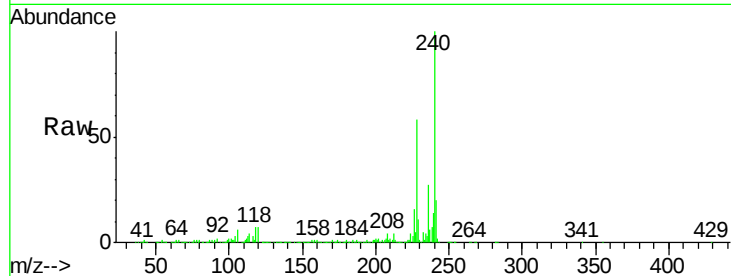
ClientSampleId :

PB104960BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 520805 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.5   | 6.8   | 10.2   |
| 236       | 26.8  | 20.9  | 31.3   |

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#76

Benzidine

Concen: 31.201 ng

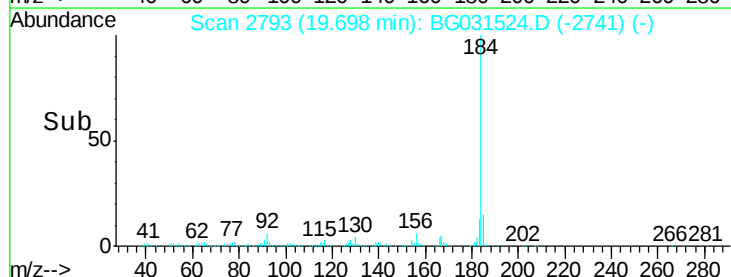
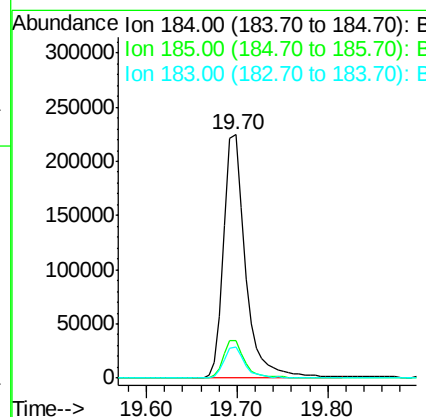
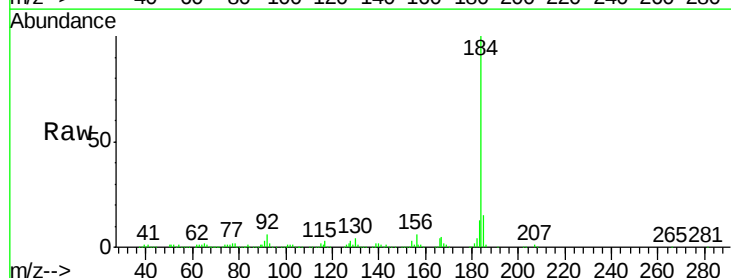
RT: 19.70 min Scan# 2793

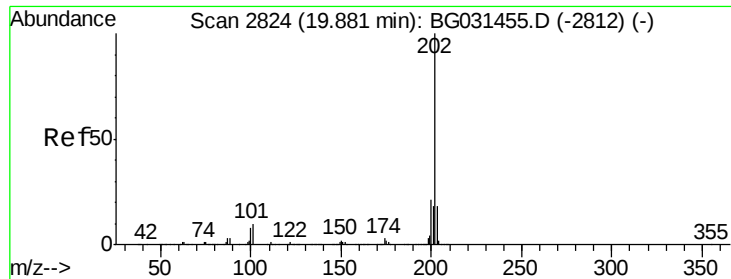
Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 378157 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.2  | 11.1  | 16.7   |
| 183       | 12.7  | 10.6  | 16.0   |





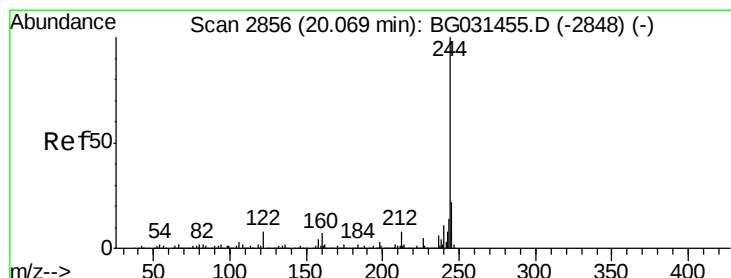
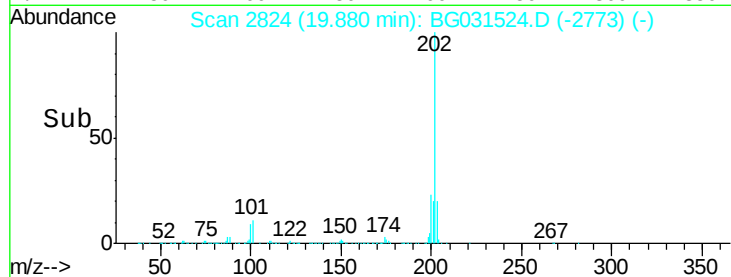
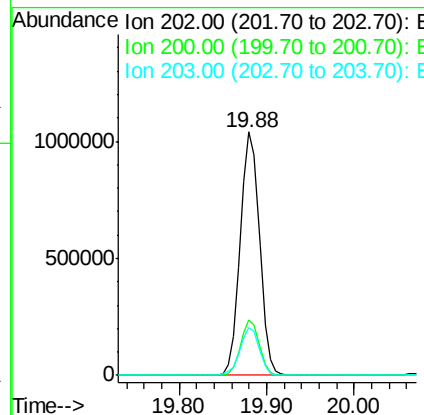
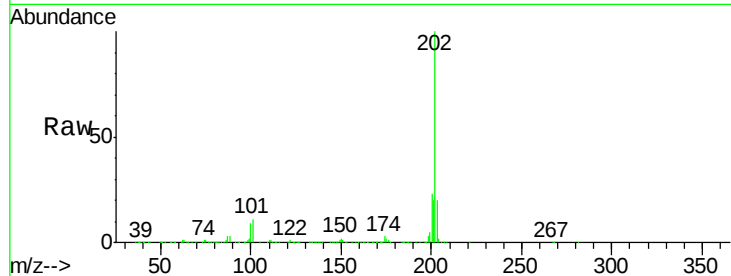
#77  
Pvrene  
Concen: 47.631 ng  
RT: 19.88 min Scan# 2824  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.8  | 16.9  | 25.3  |
| 203     | 19.7  | 13.9  | 20.9  |

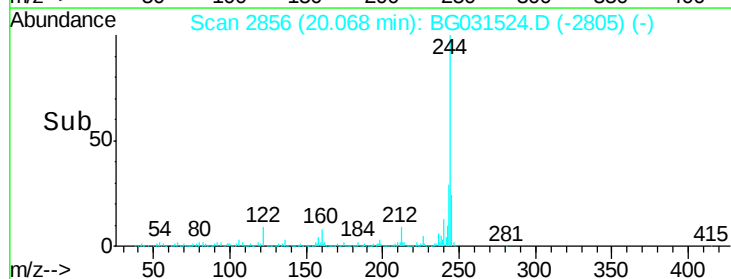
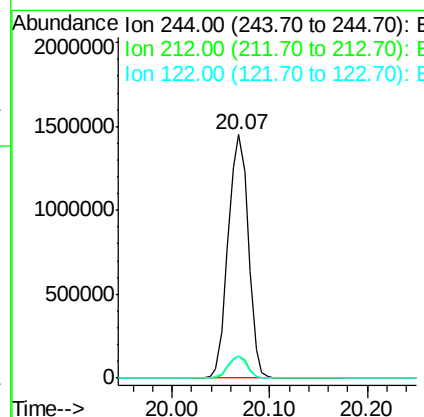
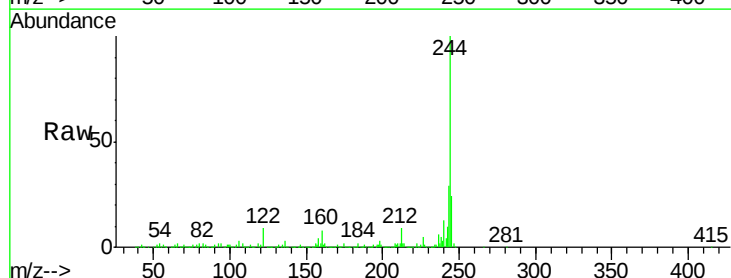
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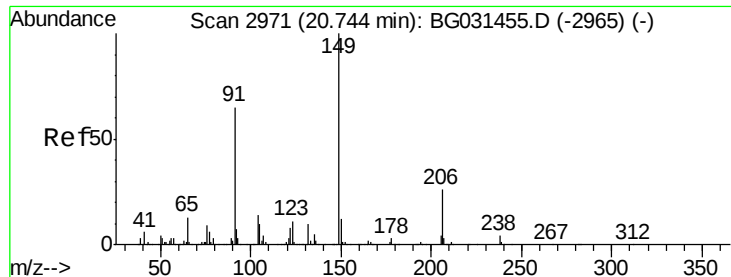
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#78  
Terphenyl-d14  
Concen: 91.211 ng  
RT: 20.07 min Scan# 2856  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.3   | 5.8   | 8.8#  |
| 122     | 9.2   | 7.0   | 10.4  |





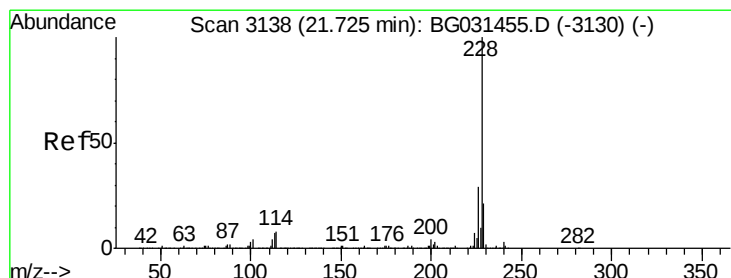
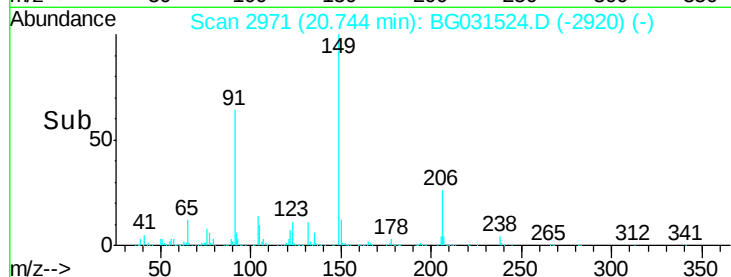
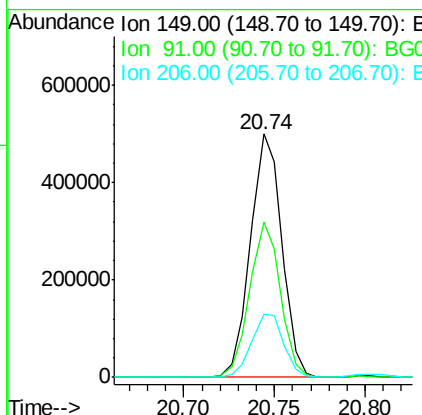
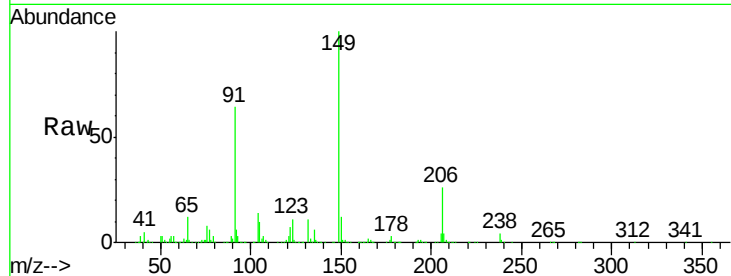
#79  
Butylbenzylphthalate  
Concen: 53.045 ng  
RT: 20.74 min Scan# 2971  
Delta R.T. -0.00 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 63.7  | 62.2  | 93.2  |
| 206     | 26.1  | 18.6  | 27.8  |

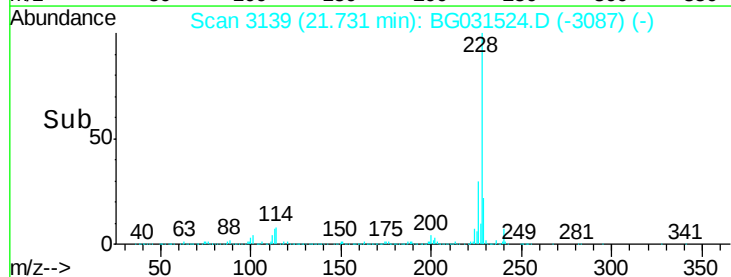
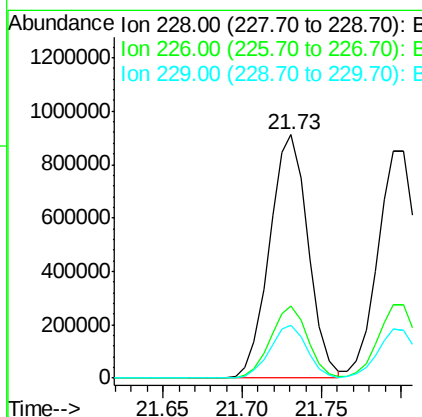
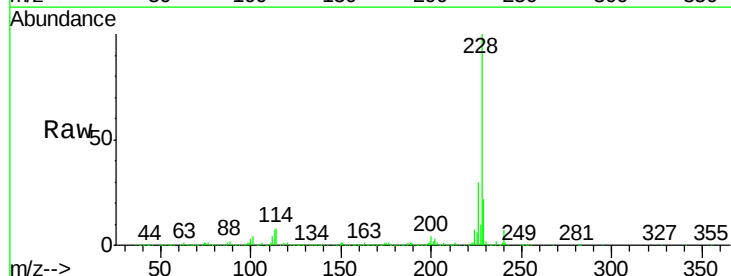
Manual Integrations  
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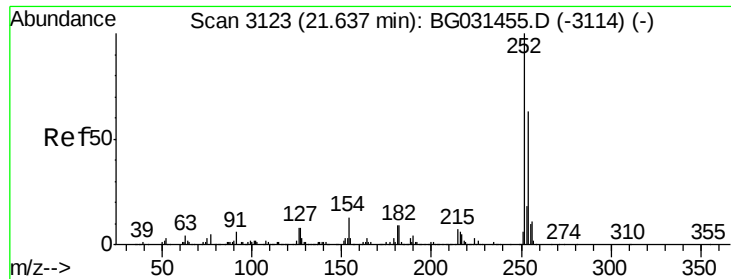
Sohil  
12/15/2017 7:47:48 PM



#80  
Benzo(a)anthracene  
Concen: 48.879 ng  
RT: 21.73 min Scan# 3139  
Delta R.T. 0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.6  | 22.7  | 34.1  |
| 229     | 21.5  | 16.2  | 24.2  |





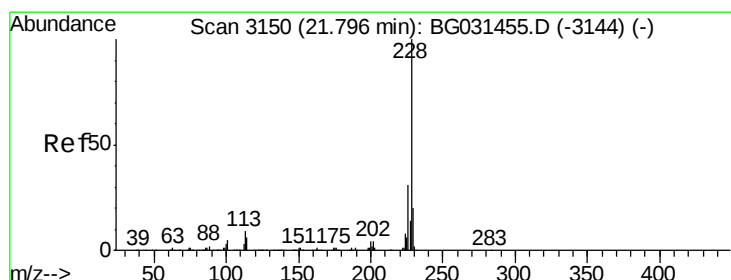
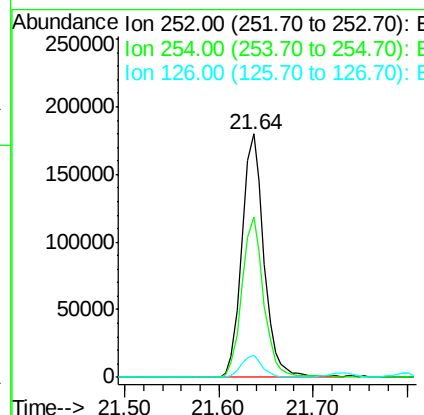
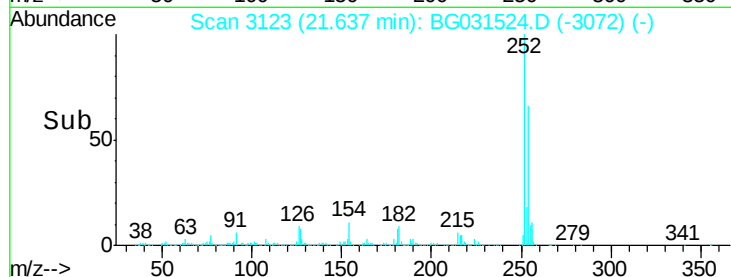
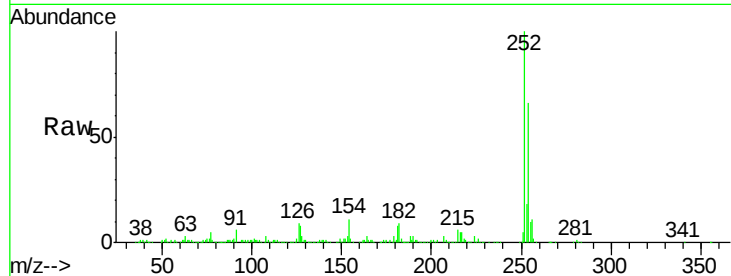
#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.831 ng  
 RT: 21.64 min Scan# 3123  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.6  | 50.8  | 76.2  |
| 126     | 9.0   | 7.4   | 11.2  |

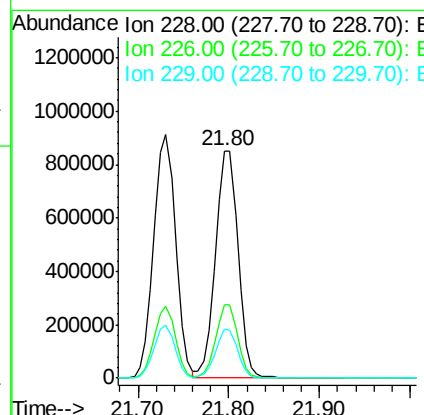
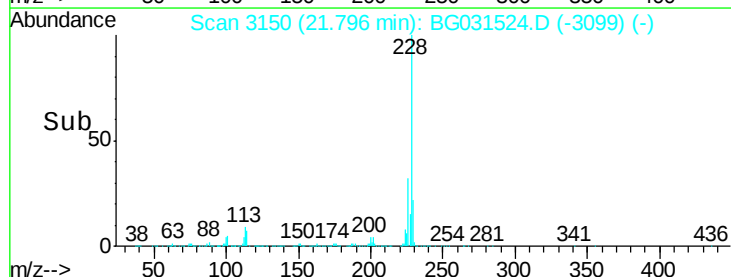
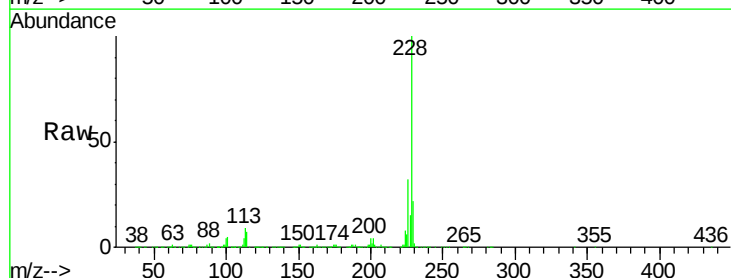
Manual Integrations  
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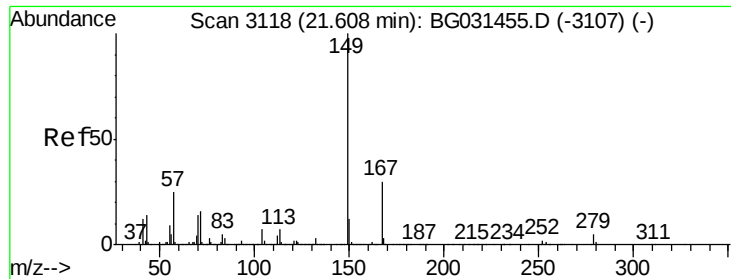
Sohil  
 12/15/2017 7:47:48 PM



#82  
 Chrysene  
 Concen: 48.955 ng  
 RT: 21.80 min Scan# 3150  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.0  | 24.9  | 37.3  |
| 229     | 21.8  | 15.0  | 22.4  |





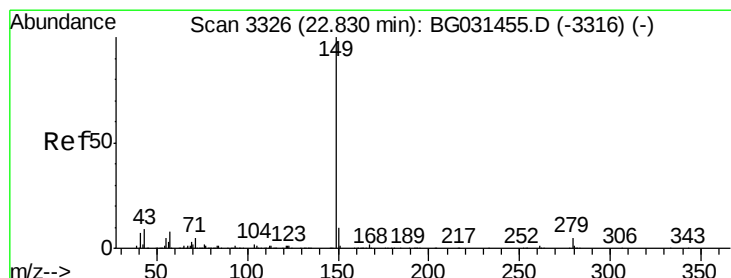
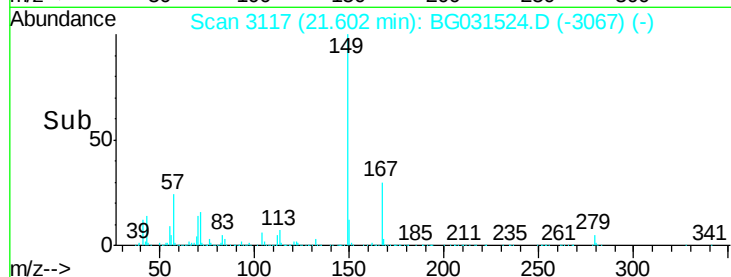
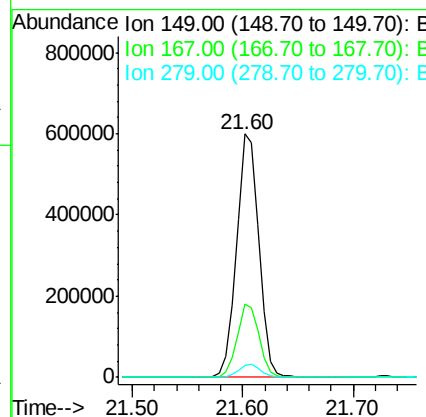
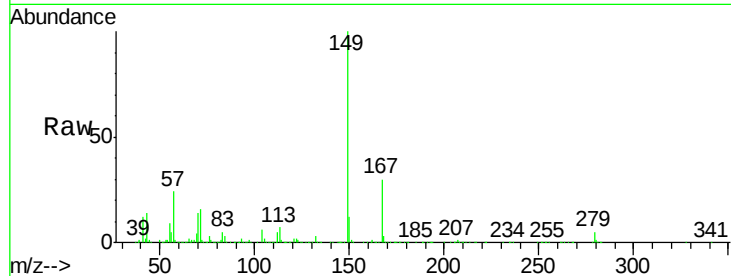
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 51.914 ng  
 RT: 21.60 min Scan# 3117  
 Delta R.T. -0.01 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.9  | 24.3  | 36.5  |
| 279     | 5.0   | 4.0   | 6.0   |

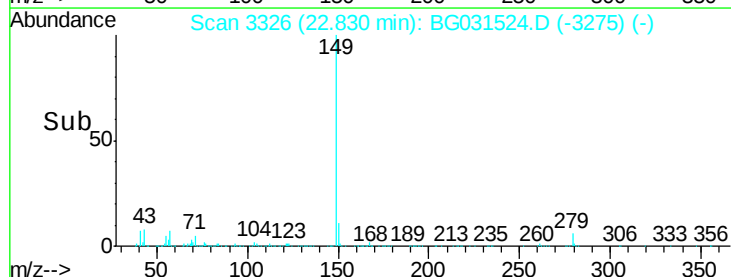
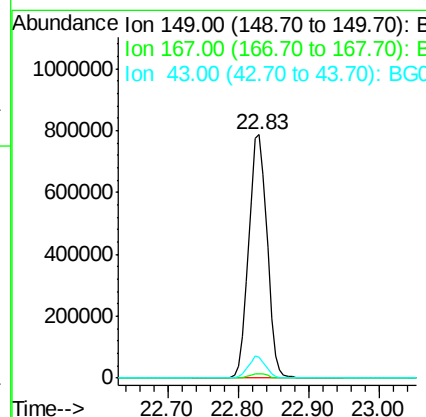
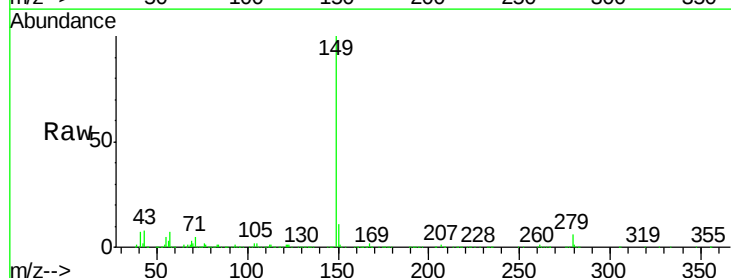
Manual Integrations  
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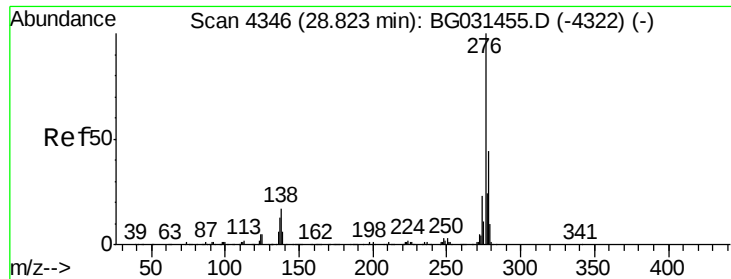
Sohil  
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#84  
 Di-n-octyl phthalate  
 Concen: 52.914 ng  
 RT: 22.83 min Scan# 3326  
 Delta R.T. -0.00 min  
 Lab File: BG031524.D  
 Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 8.4   | 8.9   | 13.3# |





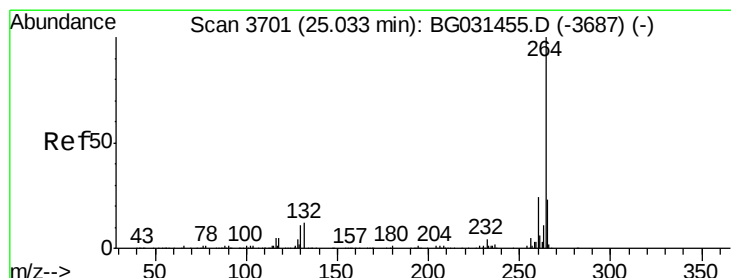
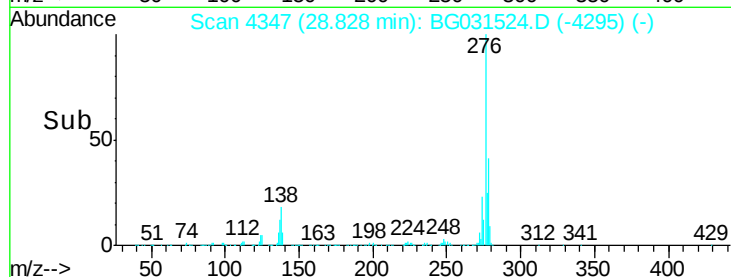
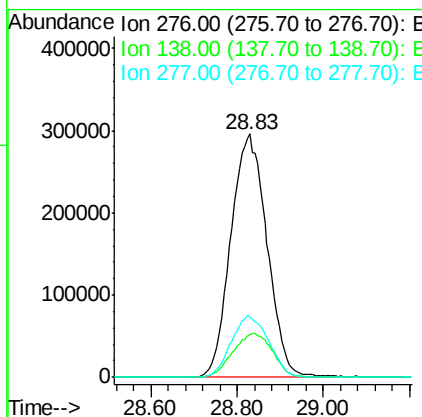
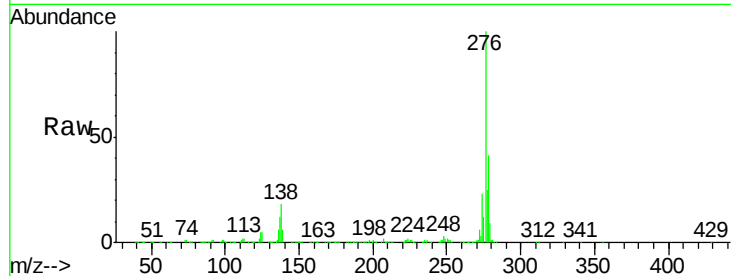
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 53.980 ng  
RT: 28.83 min Scan# 4347  
Delta R.T. 0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.8  | 16.0  | 24.0  |
| 277     | 26.3  | 20.0  | 30.0  |

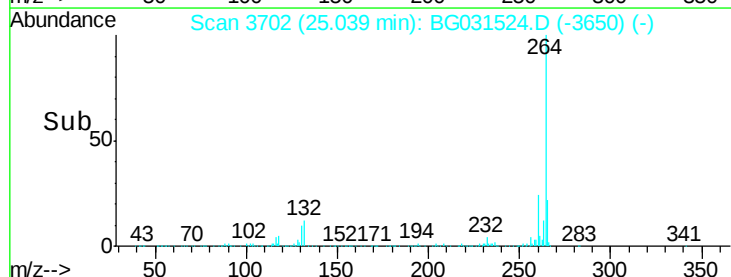
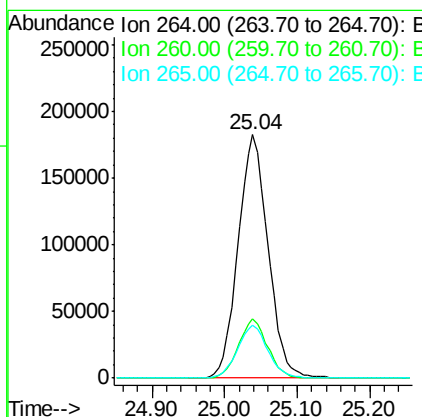
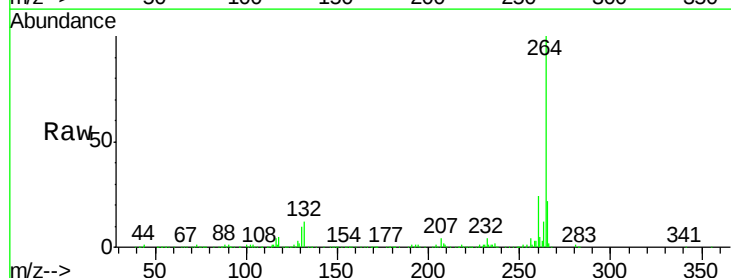
Manual Integrations  
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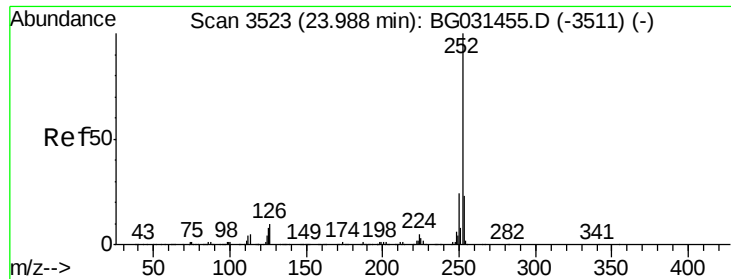
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.04 min Scan# 3702  
Delta R.T. 0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 17.4  | 26.0  |
| 265     | 21.9  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 50.133 ng

RT: 24.00 min Scan# 3525

Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

Instrument :

BNA\_G

ClientSampleId :

PB104960BS

Tot Ion:252 Resp: 1571590

Ion Ratio Lower Upper

252 100

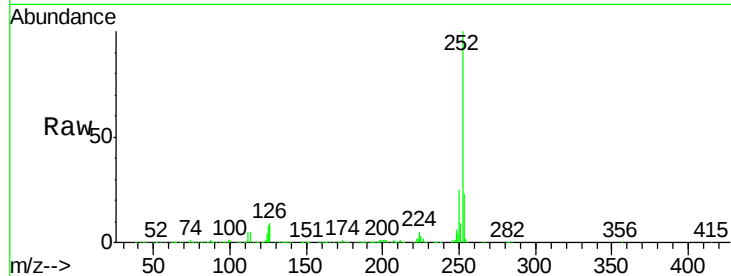
253 23.2 18.2 27.4

125 7.6 7.2 10.8

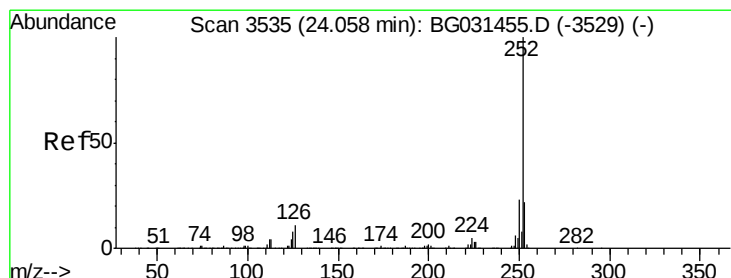
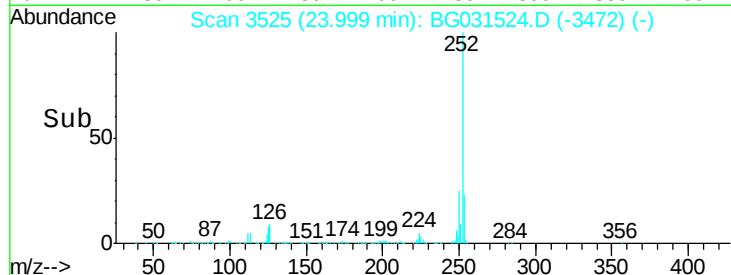
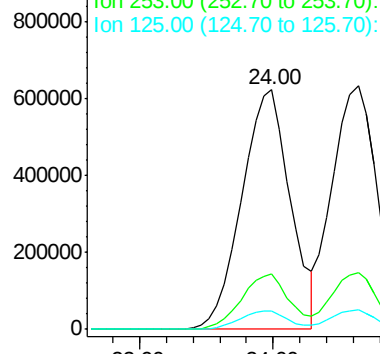
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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.129 ng

RT: 24.06 min Scan# 3536

Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

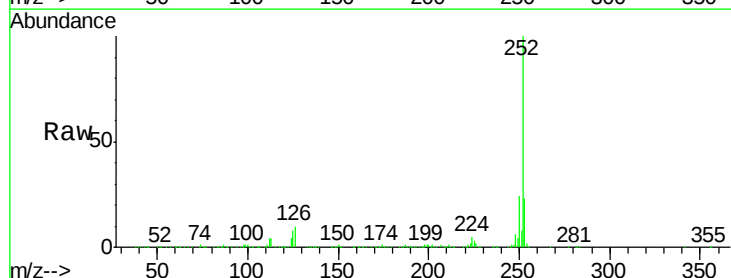
Tgt Ion:252 Resp: 1507713

Ion Ratio Lower Upper

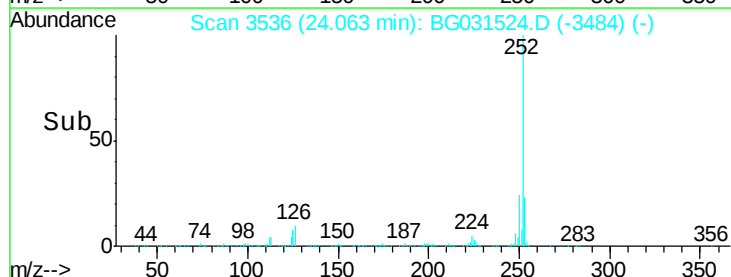
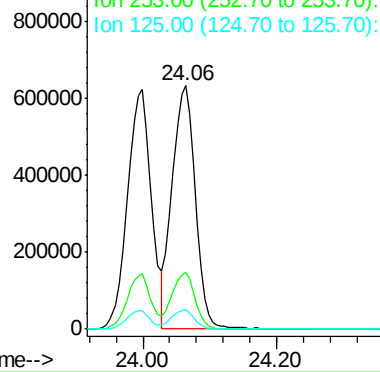
252 100

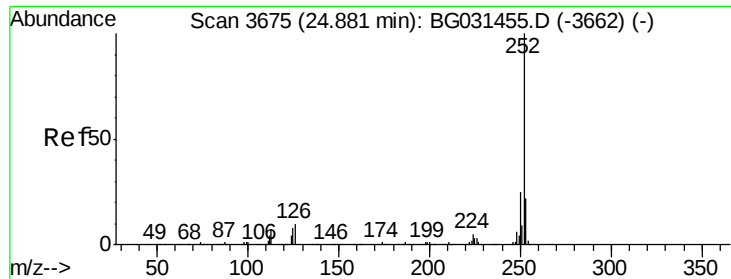
253 23.2 17.4 26.2

125 7.9 6.6 9.8



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





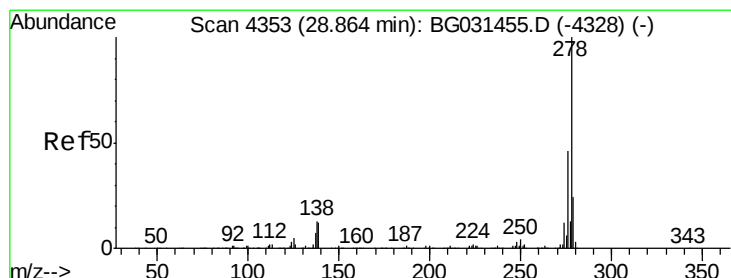
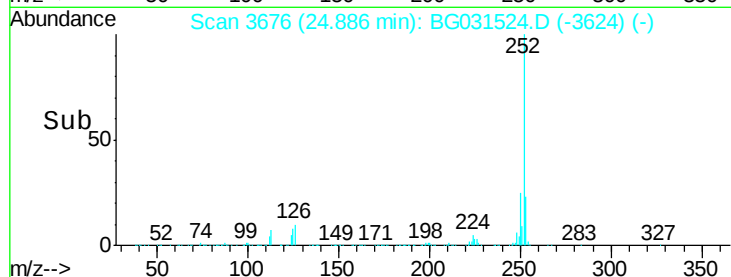
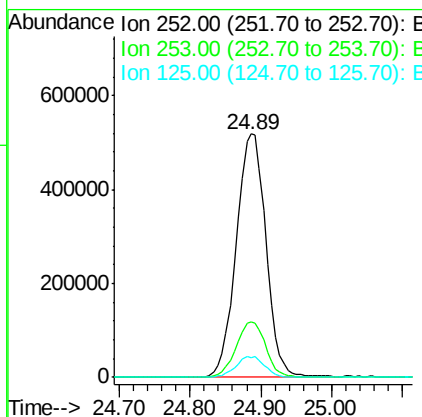
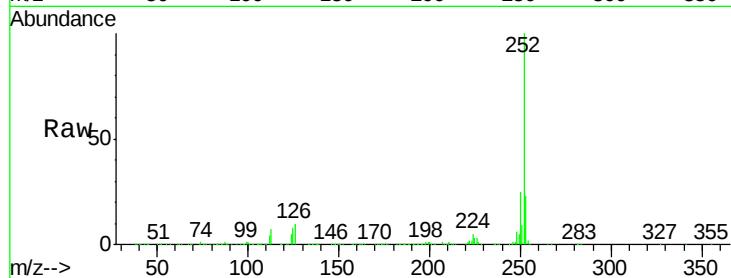
#89  
Benzo(a)pyrene  
Concen: 50.975 ng  
RT: 24.89 min Scan# 3676  
Delta R.T. 0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB104960BS

Tot Ion:252 Resp: 1515907  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.3 27.5  
125 8.3 7.3 10.9

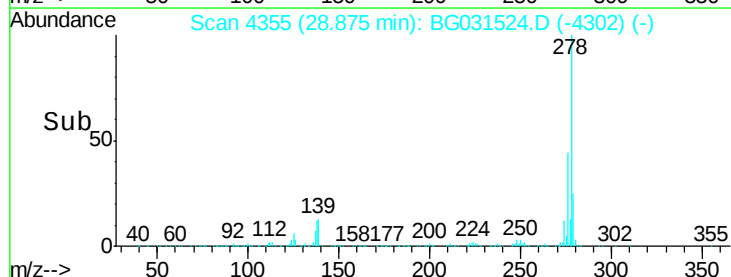
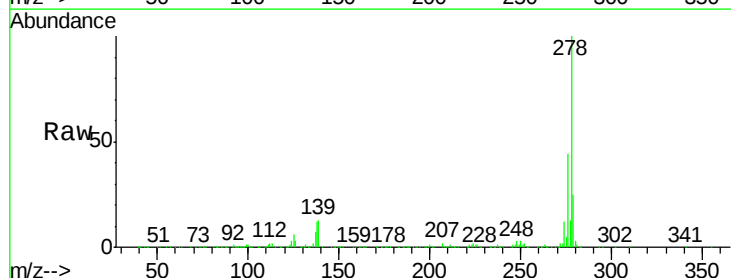
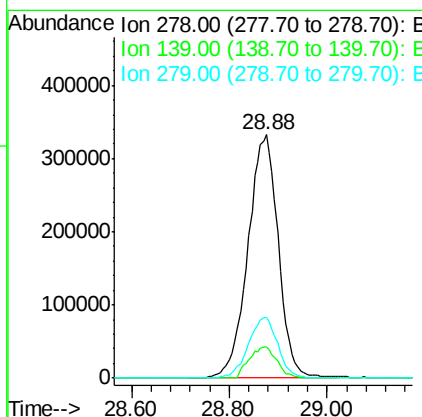
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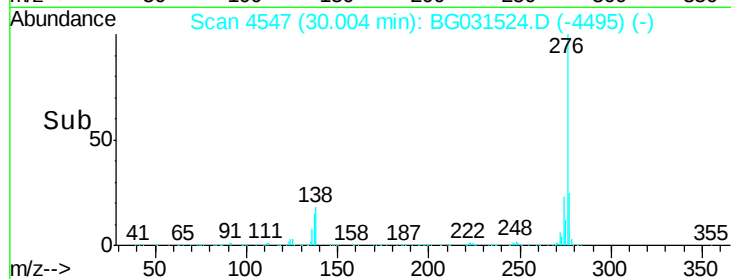
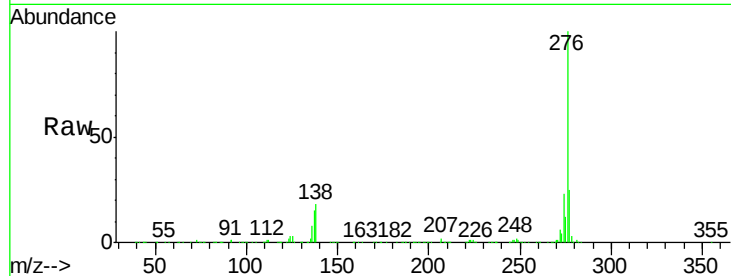
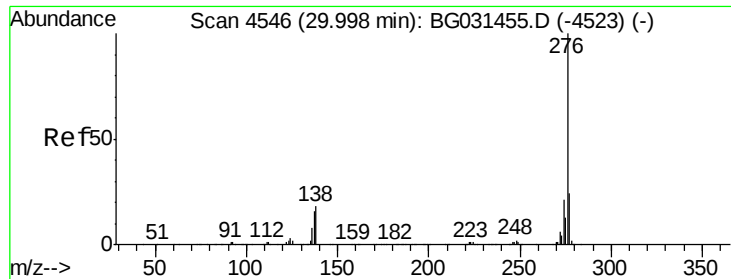
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#90  
Dibenzo(a,h)anthracene  
Concen: 50.768 ng  
RT: 28.88 min Scan# 4355  
Delta R.T. 0.01 min  
Lab File: BG031524.D  
Acq: 13 Dec 2017 12:50

Tgt Ion:278 Resp: 1443711  
Ion Ratio Lower Upper  
278 100  
139 12.6 9.8 14.6  
279 24.7 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 52.269 ng

RT: 30.00 min Scan# 4547

Delta R.T. 0.01 min

Lab File: BG031524.D

Acq: 13 Dec 2017 12:50

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 276   | Resp: | 1461340 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 277      | 24.7  | 18.3  | 27.5    |
| 138      | 17.6  | 13.9  | 20.9    |

Instrument :

BNA\_G

ClientSampleId :

PB104960BS

Manual Integrations  
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