

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\  
 Data File : BG032343.D  
 Acq On : 27 Jan 2018 00:22  
 Operator : SJ/JU  
 Sample : PB105951BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

Manual Integrations  
 APPROVED

Sohil  
 1/27/2018 1:50:18 PM

Quant Time: Jan 27 03:05:55 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 24 14:02:41 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.72  | 152  | 35783    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.60 | 136  | 142685   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.36 | 164  | 101555   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.09 | 188  | 267047   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.42 | 240  | 342317   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.09 | 264  | 376736   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.15  | 112 | 246814  | 126.15 | ng | 0.00 |
| 7) Phenol-d6             | 7.84  | 99  | 303730  | 123.26 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.92  | 82  | 188335  | 89.30  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.83 | 330 | 236159  | 140.53 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.99 | 172 | 684386  | 83.56  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.63 | 244 | 1344040 | 86.69  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.80  | 88  | 20379  | 27.112  | ng | # 76   |
| 3) Pyridine                    | 4.26  | 79  | 58752  | 29.283  | ng | 89     |
| 4) n-Nitrosodimethylamine      | 4.17  | 42  | 36935  | 52.400  | ng | # 73   |
| 6) Aniline                     | 8.01  | 93  | 52275  | 16.819  | ng | 99     |
| 8) 2-Chlorophenol              | 8.27  | 128 | 97227  | 44.410  | ng | # 79   |
| 9) Benzaldehyde                | 7.82  | 77  | 40288  | 28.219  | ng | # 82   |
| 10) Phenol                     | 7.86  | 94  | 105652 | 43.527  | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 8.11  | 93  | 71411  | 36.722  | ng | # 80   |
| 12) 1,3-Dichlorobenzene        | 8.60  | 146 | 108729 | 37.946  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.76  | 146 | 111314 | 38.583  | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 9.09  | 146 | 107048 | 38.363  | ng | 94     |
| 15) Benzyl Alcohol             | 8.96  | 79  | 84895  | 47.426  | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.25  | 45  | 65124  | 32.953  | ng | 76     |
| 17) 2-Methylphenol             | 9.16  | 107 | 75390  | 40.641  | ng | 95     |
| 18) Hexachloroethane           | 9.84  | 117 | 36457  | 41.117  | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 9.53  | 70  | 60095  | 39.307  | ng | # 86   |
| 20) 3+4-Methylphenols          | 9.49  | 107 | 102051 | 39.712  | ng | 91     |
| 22) Acetophenone               | 9.56  | 105 | 129821 | 40.055  | ng | # 93   |
| 24) Nitrobenzene               | 9.96  | 77  | 92372  | 43.909  | ng | 89     |
| 25) Isophorone                 | 10.49 | 82  | 164201 | 41.812  | ng | # 82   |
| 26) 2-Nitrophenol              | 10.69 | 139 | 57880  | 46.433  | ng | # 84   |
| 27) 2,4-Dimethylphenol         | 10.73 | 122 | 95138  | 48.096  | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.97 | 93  | 97977  | 41.409  | ng | # 93   |
| 29) 2,4-Dichlorophenol         | 11.23 | 162 | 119971 | 49.290  | ng | 88     |
| 30) 1,2,4-Trichlorobenzene     | 11.45 | 180 | 132859 | 42.266  | ng | 99     |
| 31) Naphthalene                | 11.65 | 128 | 279942 | 39.605  | ng | 100    |
| 32) Benzoic acid               | 10.85 | 122 | 48592m | 32.525  | ng |        |
| 33) 4-Chloroaniline            | 11.75 | 127 | 53917  | 17.788  | ng | 92     |
| 34) Hexachlorobutadiene        | 11.92 | 225 | 101746 | 45.065  | ng | 99     |
| 35) Caprolactam                | 12.50 | 113 | 32723  | 44.315  | ng | # 50   |
| 36) 4-Chloro-3-methylphenol    | 12.83 | 107 | 107268 | 48.148  | ng | # 84   |
| 37) 2-Methylnaphthalene        | 13.22 | 142 | 241072 | 42.959  | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.58 | 216 | 187142 | 42.275  | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.55 | 237 | 268904 | 107.850 | ng | 94     |

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Manual Integrations  
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 1/27/2018 1:50:18 PM

Quant Time: Jan 27 03:05:55 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 24 14:02:41 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.80 | 196  | 115893   | 46.594  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.88 | 196  | 125855   | 43.714  | nq #  | 86       |
| 45) 1,1'-Biphenyl              | 14.19 | 154  | 347101   | 39.869  | nq    | 94       |
| 46) 2-Chloronaphthalene        | 14.25 | 162  | 270400   | 39.925  | nq    | 95       |
| 47) 2-Nitroaniline             | 14.43 | 65   | 63571    | 49.030  | nq #  | 83       |
| 48) Acenaphthylene             | 15.09 | 152  | 401120   | 38.893  | nq    | 99       |
| 49) Dimethylphthalate          | 14.79 | 163  | 365872   | 41.170  | nq #  | 98       |
| 50) 2,6-Dinitrotoluene         | 14.92 | 165  | 80783    | 43.794  | nq #  | 80       |
| 51) Acenaphthene               | 15.42 | 154  | 320164   | 46.947  | nq    | 99       |
| 52) 3-Nitroaniline             | 15.24 | 138  | 39356    | 23.623  | nq #  | 68       |
| 53) 2,4-Dinitrophenol          | 15.45 | 184  | 107193   | 112.724 | nq #  | 57       |
| 54) Dibenzofuran               | 15.75 | 168  | 433135   | 42.575  | nq    | 97       |
| 55) 4-Nitrophenol              | 15.53 | 139  | 118952   | 97.972  | nq #  | 79       |
| 56) 2,4-Dinitrotoluene         | 15.70 | 165  | 118492   | 47.713  | nq #  | 69       |
| 57) Fluorene                   | 16.40 | 166  | 348420   | 41.759  | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.96 | 232  | 134759   | 50.597  | nq #  | 84       |
| 59) Diethylphthalate           | 16.13 | 149  | 356224   | 41.347  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.37 | 204  | 224168   | 43.797  | nq    | 96       |
| 61) 4-Nitroaniline             | 16.40 | 138  | 66232    | 41.443  | nq #  | 78       |
| 62) Azobenzene                 | 16.67 | 77   | 227515   | 42.191  | nq    | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 16.45 | 198  | 79076    | 46.439  | nq #  | 70       |
| 65) n-Nitrosodiphenylamine     | 16.58 | 169  | 324151   | 40.002  | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 17.27 | 248  | 164215   | 43.219  | nq    | 94       |
| 67) Hexachlorobenzene          | 17.39 | 284  | 170890   | 40.653  | nq #  | 89       |
| 68) Atrazine                   | 17.51 | 200  | 153664   | 45.092  | nq    | 95       |
| 69) Pentachlorophenol          | 17.73 | 266  | 223072   | 83.021  | nq    | 99       |
| 70) Phenanthrene               | 18.13 | 178  | 605218   | 40.706  | nq    | 100      |
| 71) Anthracene                 | 18.22 | 178  | 623553   | 42.049  | nq    | 97       |
| 72) Carbazole                  | 18.48 | 167  | 540369   | 42.006  | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.99 | 149  | 612067   | 40.265  | nq    | 99       |
| 74) Fluoranthene               | 20.10 | 202  | 830240   | 44.599  | nq    | 93       |
| 76) Benzidine                  | 20.26 | 184  | 208711   | 24.382  | nq    | 98       |
| 77) Pyrene                     | 20.46 | 202  | 835173   | 38.810  | nq    | 99       |
| 79) Butylbenzylphthalate       | 21.31 | 149  | 288757   | 37.452  | nq #  | 74       |
| 80) Benzo(a)anthracene         | 22.40 | 228  | 901272   | 42.335  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.29 | 252  | 191132   | 24.034  | nq #  | 92       |
| 82) Chrysene                   | 22.47 | 228  | 845176   | 41.339  | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.24 | 149  | 401745   | 35.533  | nq #  | 98       |
| 84) Di-n-octyl phthalate       | 23.60 | 149  | 692703   | 38.576  | nq #  | 89       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.36 | 276  | 1141111  | 45.607  | nq #  | 87       |
| 87) Benzo(b)fluoranthene       | 24.92 | 252  | 962879   | 42.284  | nq #  | 95       |
| 88) Benzo(k)fluoranthene       | 25.00 | 252  | 927135   | 41.666  | nq #  | 96       |
| 89) Benzo(a)pyrene             | 25.93 | 252  | 936607   | 43.480  | nq #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 30.43 | 278  | 949923   | 45.762  | nq #  | 92       |
| 91) Benzo(g,h,i)perylene       | 31.71 | 276  | 949866   | 44.770  | nq #  | 92       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

ClientSampleId :

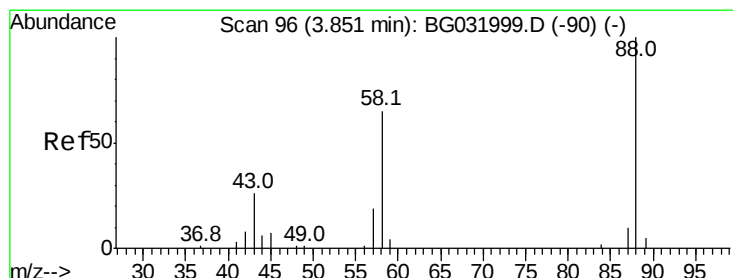
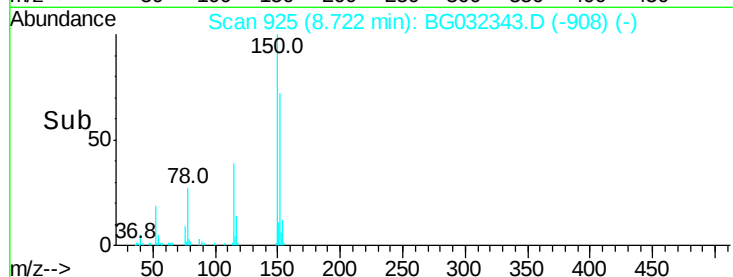
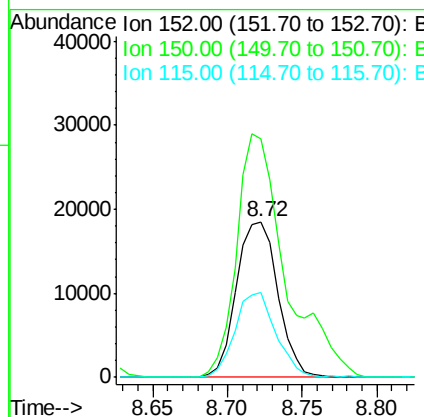
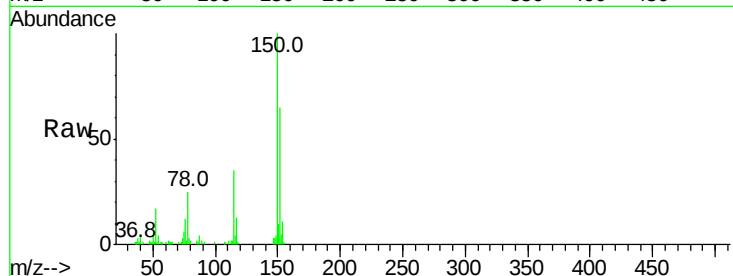
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.6 | 126.6 | 189.8 |
| 115     | 54.5  | 53.0  | 79.4  |

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#2

1,4-Dioxane

Concen: 27.112 ng

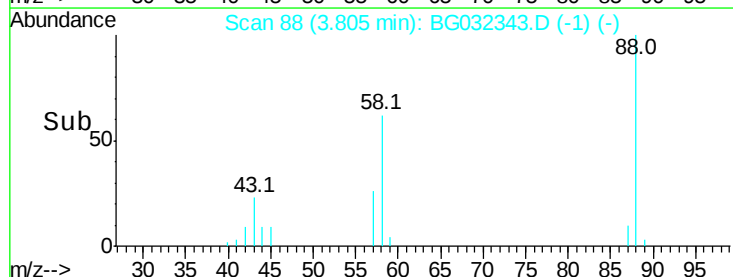
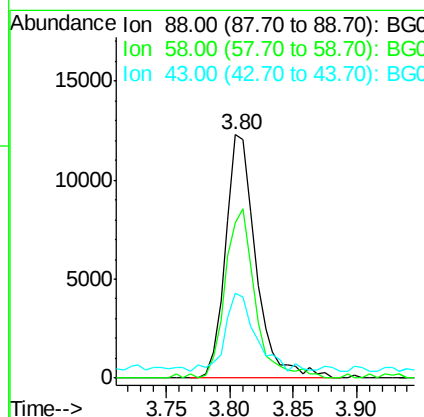
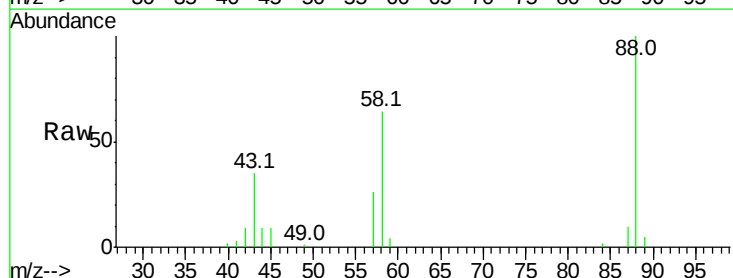
RT: 3.80 min Scan# 88

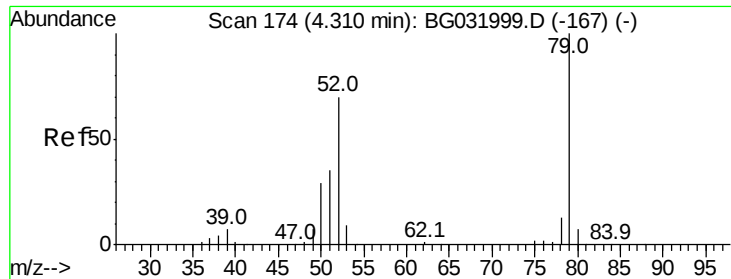
Delta R.T. -0.02 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 68.7  | 79.6  | 119.4# |
| 43      | 32.9  | 27.4  | 41.0   |





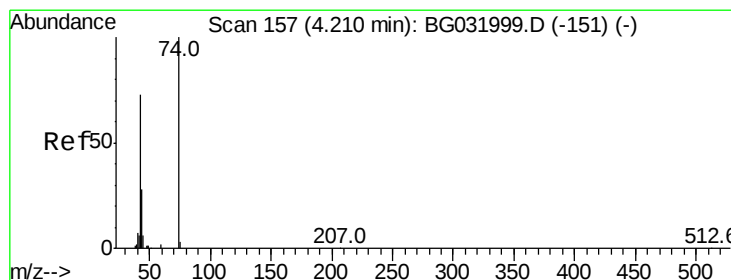
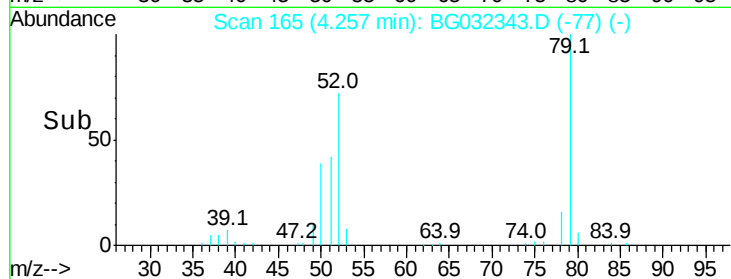
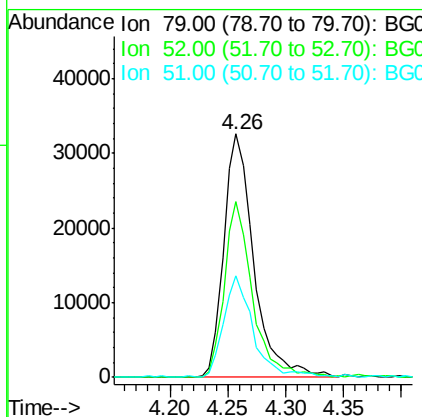
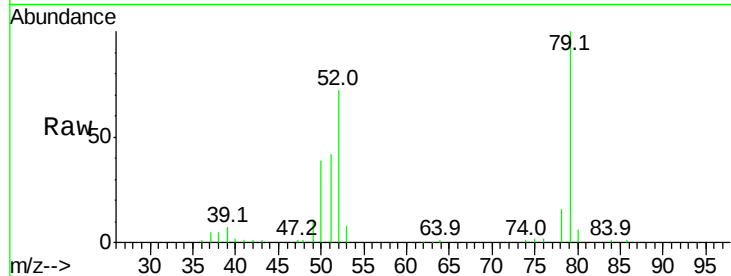
#3  
 Pvridine  
 Concen: 29.283 ng  
 RT: 4.26 min Scan# 165  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 72.2  | 69.9  | 104.9 |
| 51      | 41.8  | 34.0  | 51.0  |

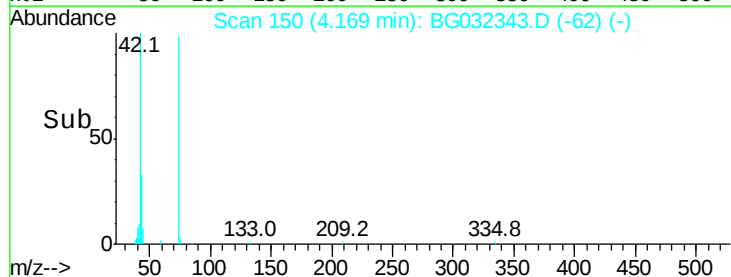
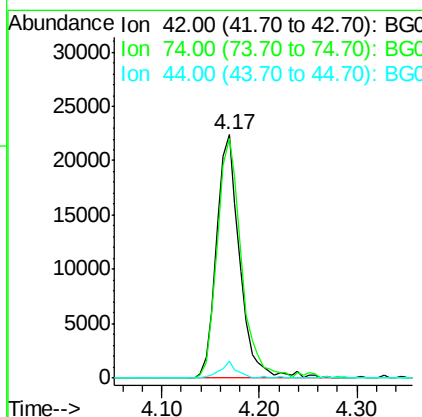
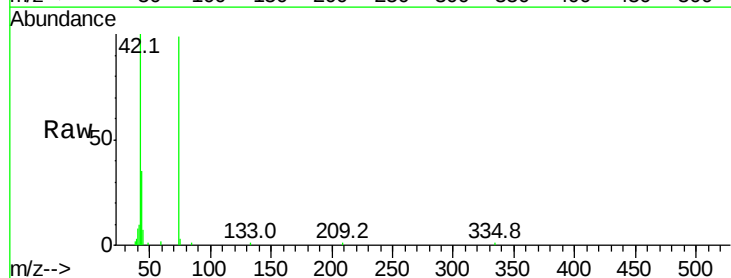
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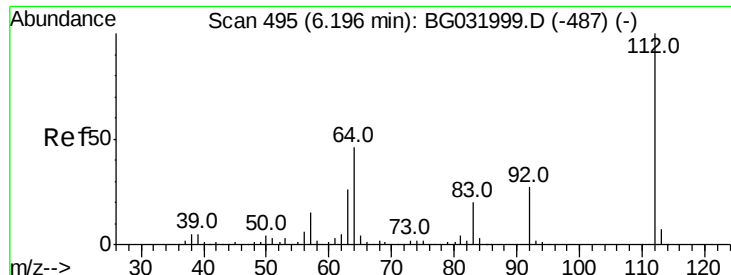
Sohil  
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#4  
 n-Nitrosodimethylamine  
 Concen: 52.400 ng  
 RT: 4.17 min Scan# 150  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 98.5  | 102.5 | 153.7# |
| 44      | 7.1   | 18.9  | 28.3#  |





#5

2-Fluorophenol

Concen: 126.151 ng

RT: 6.15 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

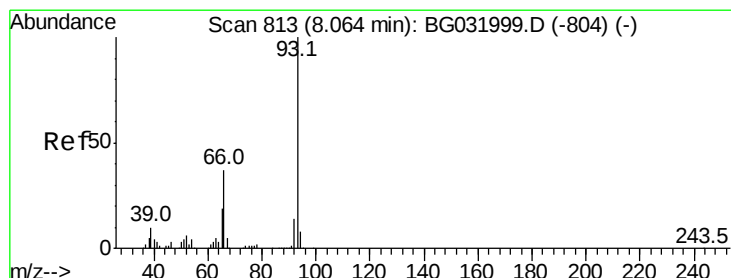
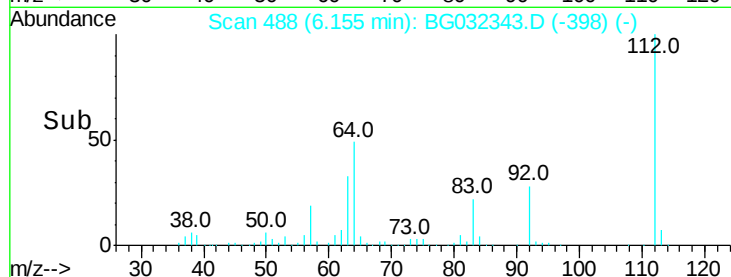
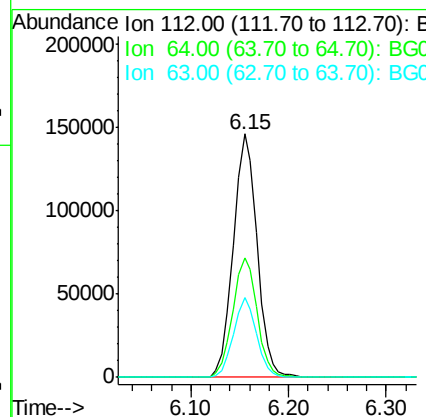
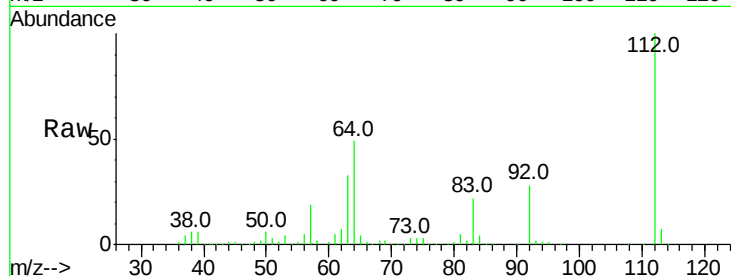
ClientSampleId :

PB105951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 246814 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 49.3  | 56.3  | 84.5#  |
| 63        | 32.5  | 30.1  | 45.1   |

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#6

Aniline

Concen: 16.819 ng

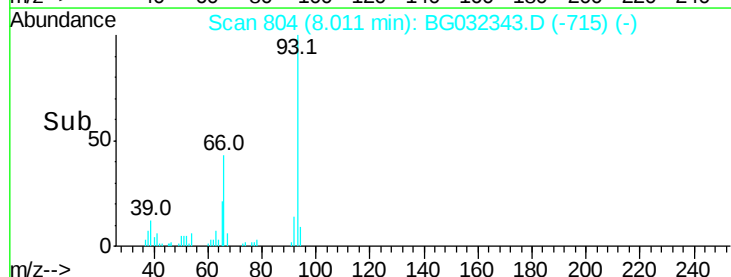
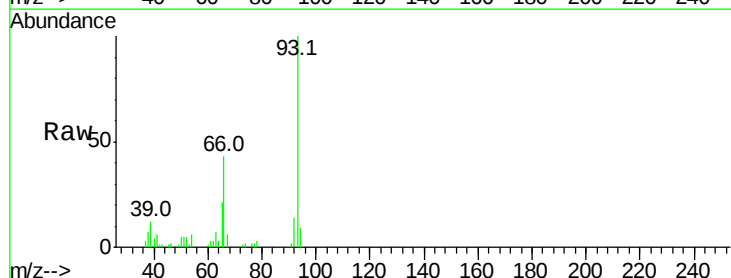
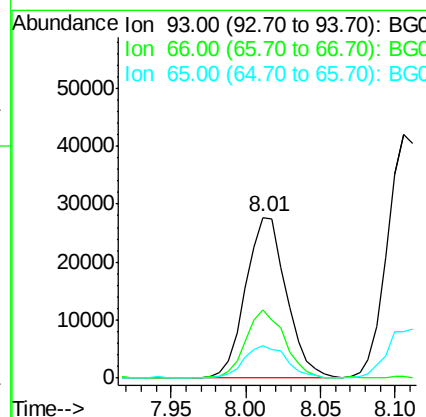
RT: 8.01 min Scan# 804

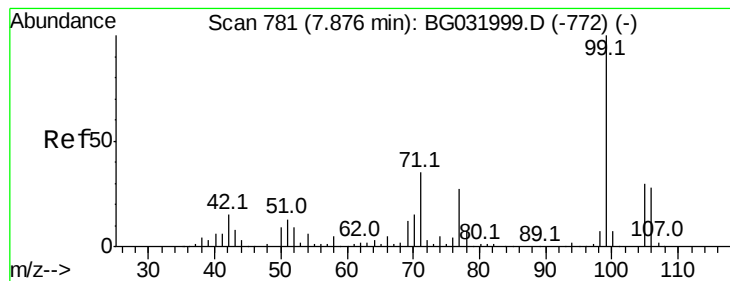
Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 52275 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 42.8  | 33.7  | 50.5  |
| 65        | 20.5  | 16.1  | 24.1  |





#7

Phenol-d6

Concen: 123.263 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

ClientSampleId :

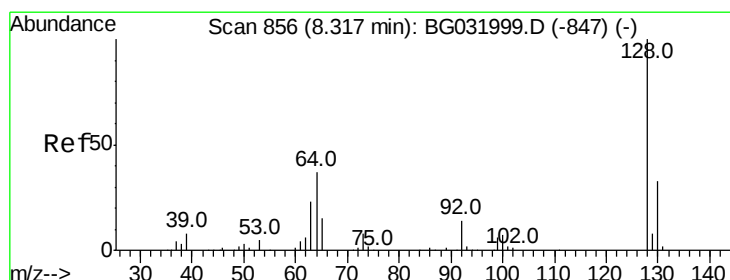
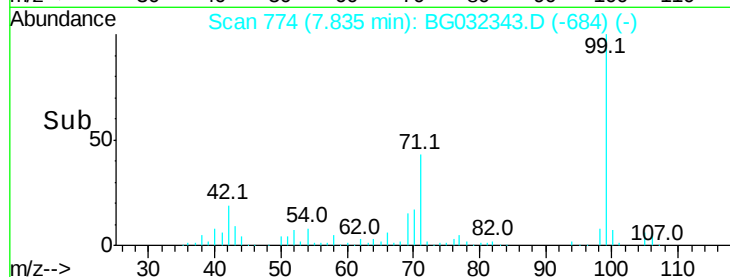
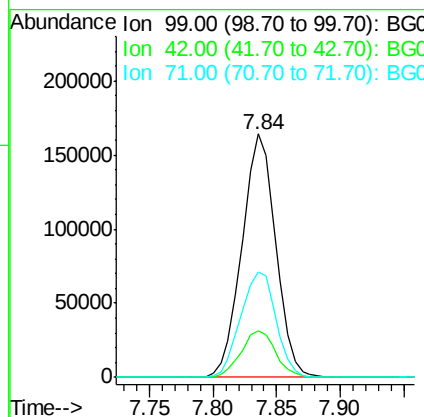
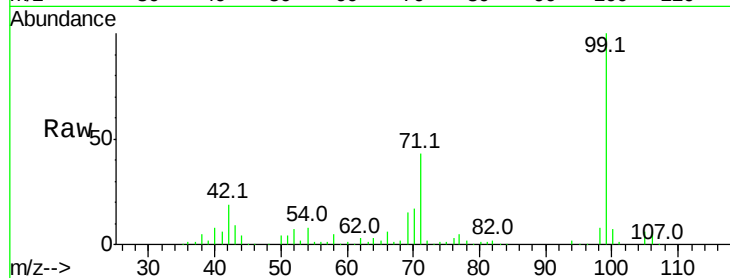
PB105951BS

Tot Ion: 99 Resp: 303730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 14.1  | 21.1  |
| 71  | 43.1  | 26.1  | 39.1  |

Manual Integrations  
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1/27/2018 1:50:18 PM



#8

2-Chlorophenol

Concen: 44.410 ng

RT: 8.27 min Scan# 848

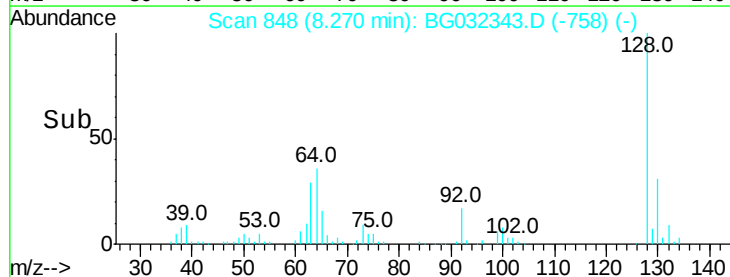
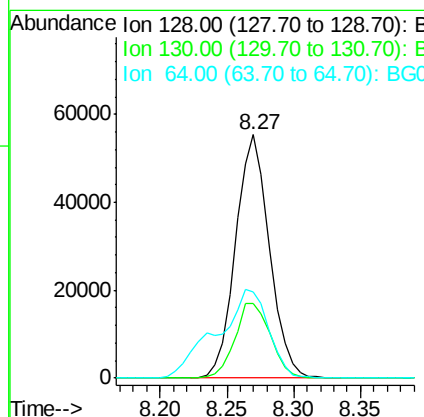
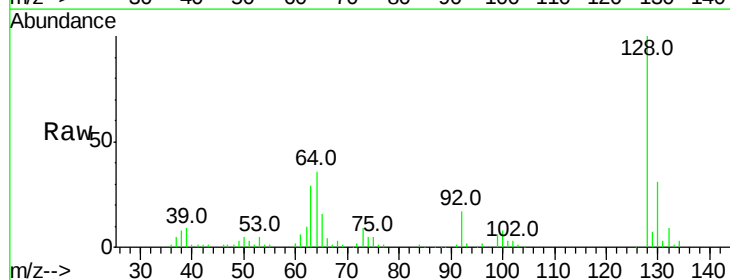
Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Tgt Ion: 128 Resp: 97227

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 30.8  | 14.0  | 54.0  |
| 64  | 35.6  | 37.7  | 77.7  |





#9

Benzaldehyde

Concen: 28.219 ng

RT: 7.82 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

ClientSampleId :

PB105951BS

Tot Ion: 77 Resp: 40288

Ion Ratio Lower Upper

77 100

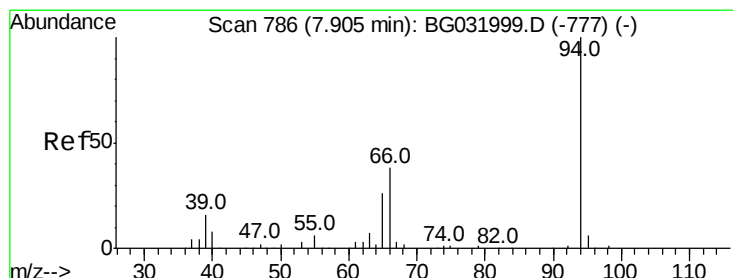
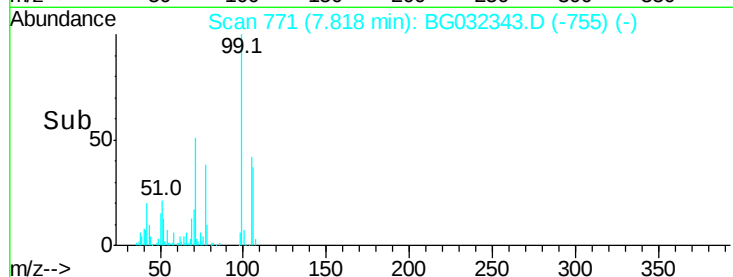
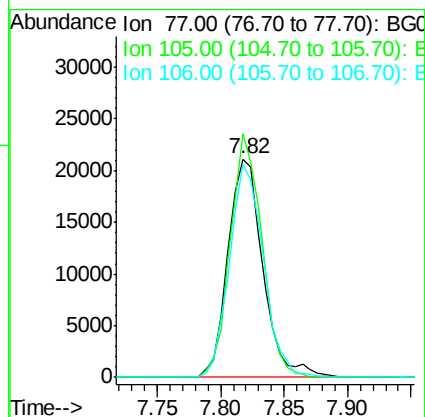
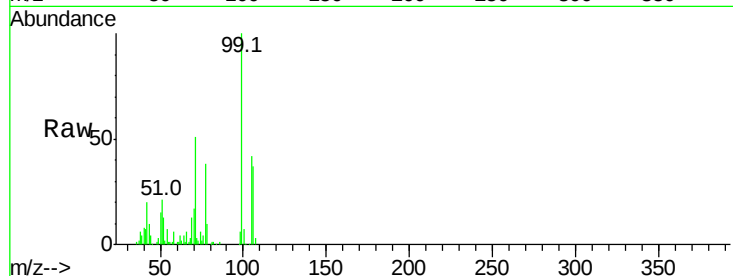
105 111.5 71.3 111.3#

106 97.7 64.2 104.2

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#10

Phenol

Concen: 43.527 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

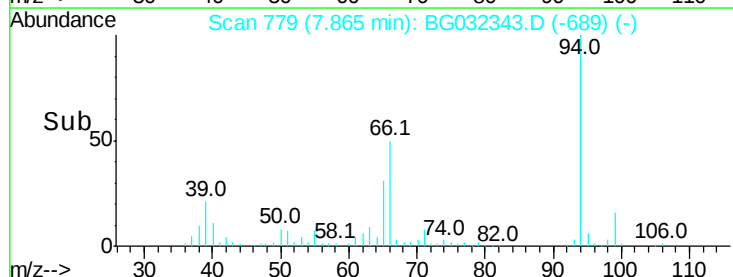
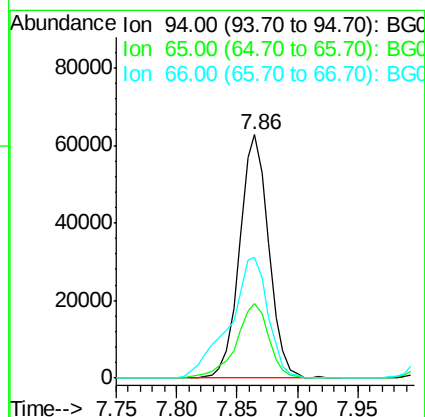
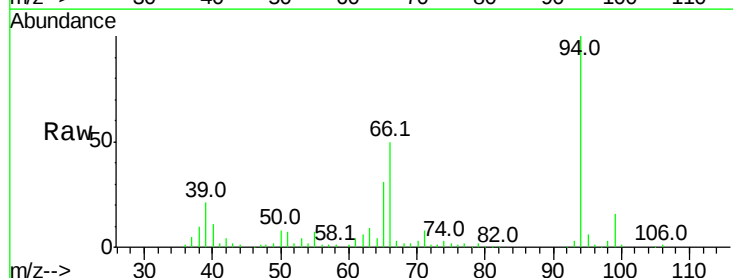
Tgt Ion: 94 Resp: 105652

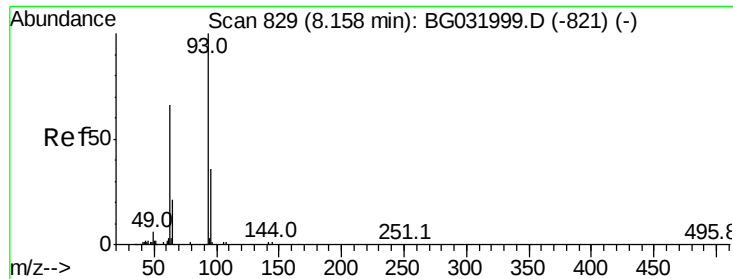
Ion Ratio Lower Upper

94 100

65 30.9 11.9 51.9

66 49.8 22.2 62.2





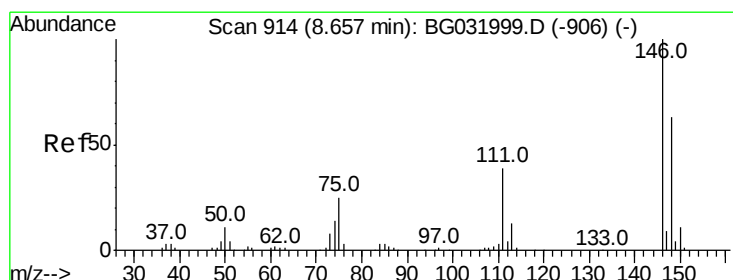
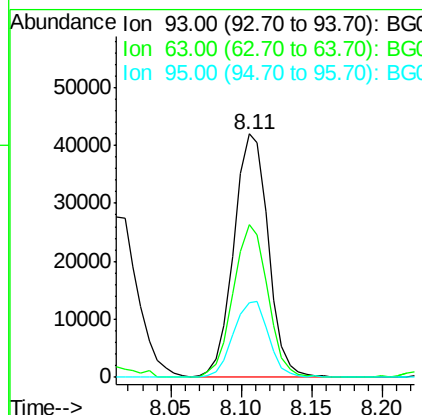
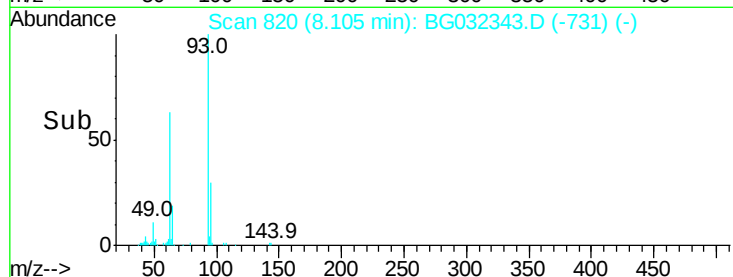
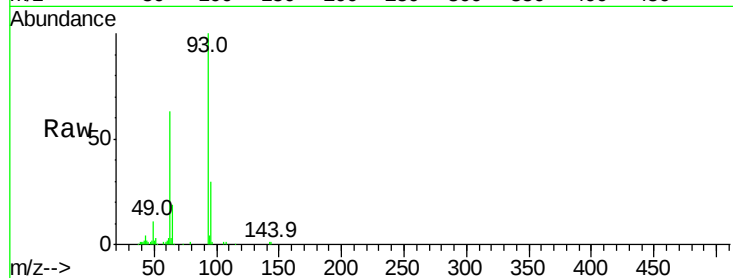
#11  
bis(2-Chloroethyl)ether  
Concen: 36.722 ng  
RT: 8.11 min Scan# 820  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 93      | 100   |       |        |
| 63      | 62.7  | 67.1  | 107.1# |
| 95      | 30.4  | 11.5  | 51.5   |

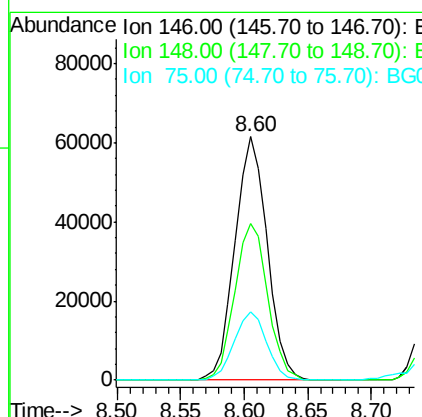
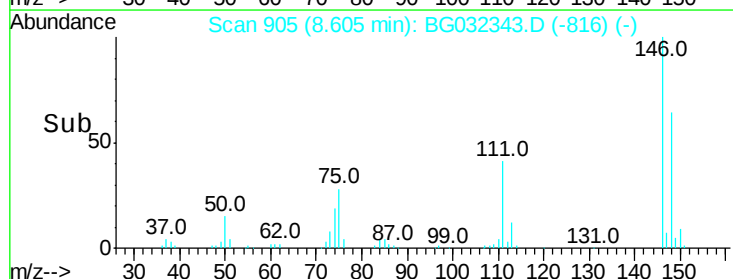
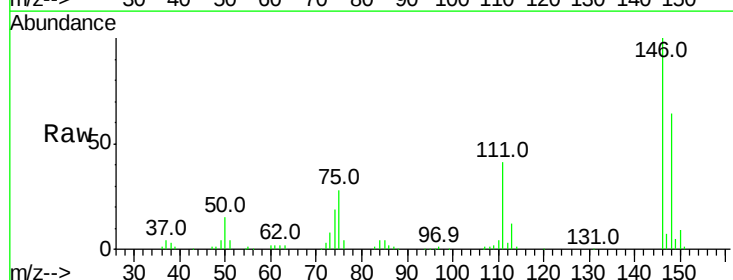
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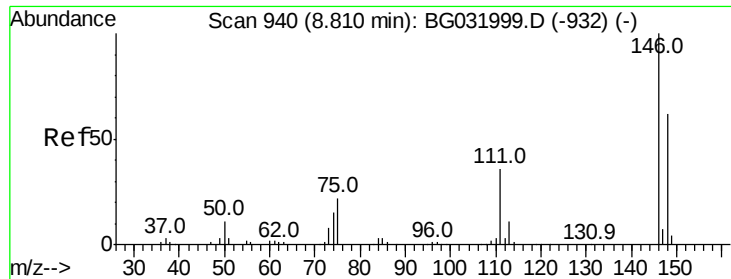
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#12  
1,3-Dichlorobenzene  
Concen: 37.946 ng  
RT: 8.60 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.4  | 77.2  |
| 75      | 28.1  | 26.6  | 39.8  |





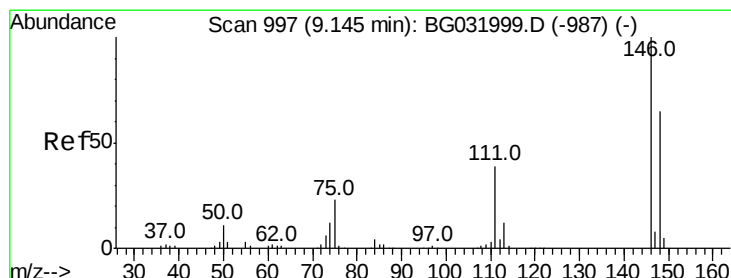
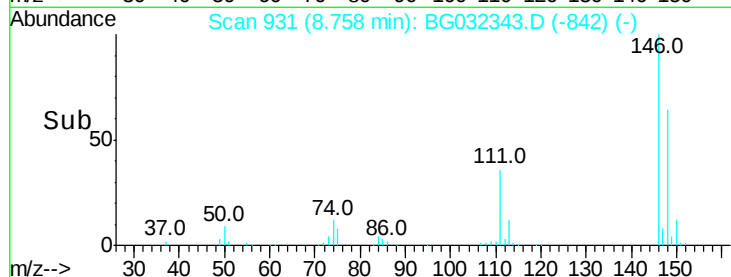
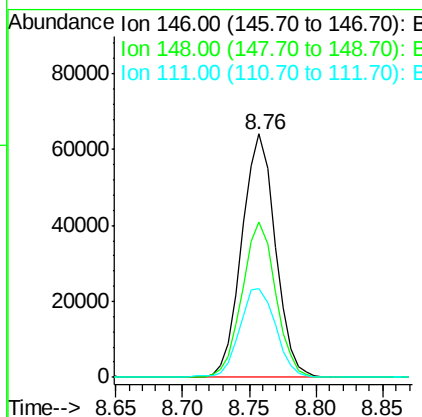
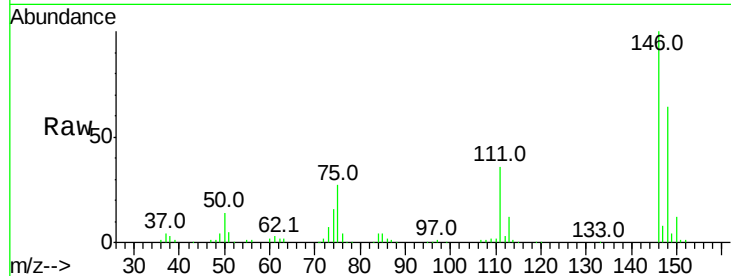
#13  
 1,4-Dichlorobenzene  
 Concen: 38.583 ng  
 RT: 8.76 min Scan# 931  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 53.7  | 80.5  |
| 111     | 36.3  | 35.2  | 52.8  |

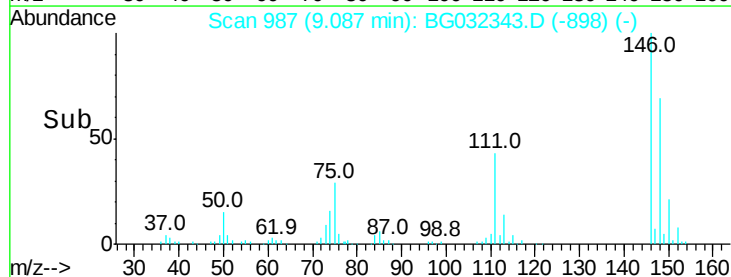
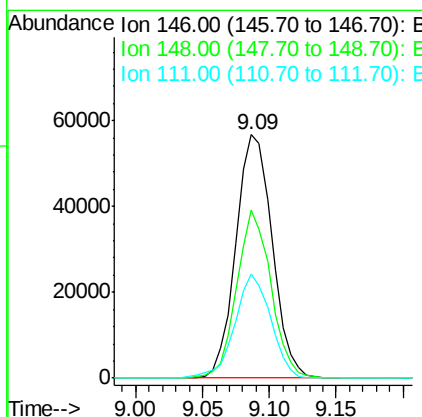
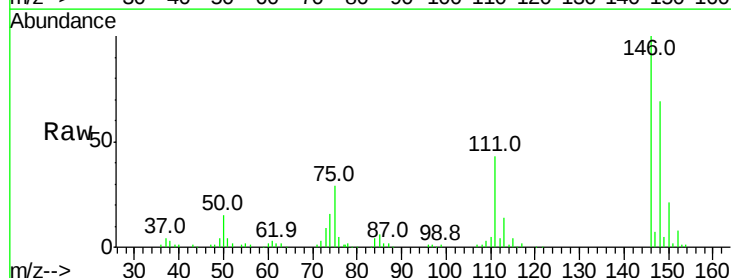
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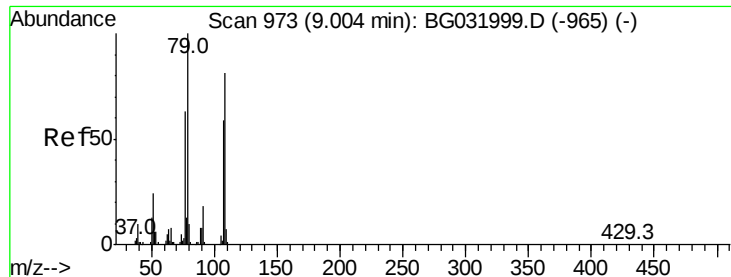
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#14  
 1,2-Dichlorobenzene  
 Concen: 38.363 ng  
 RT: 9.09 min Scan# 987  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.2  | 49.3  | 73.9  |
| 111     | 42.8  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 47.426 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

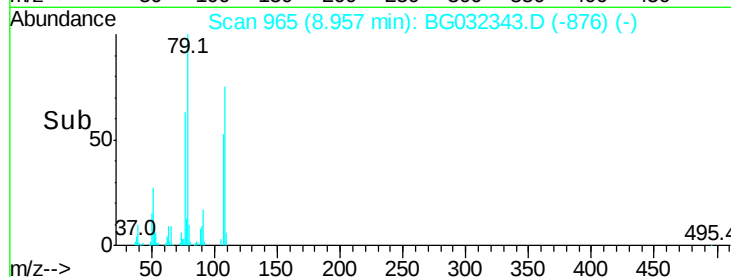
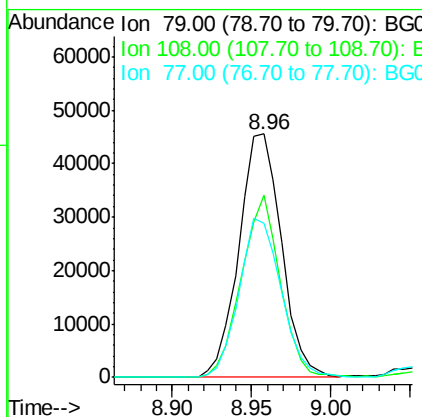
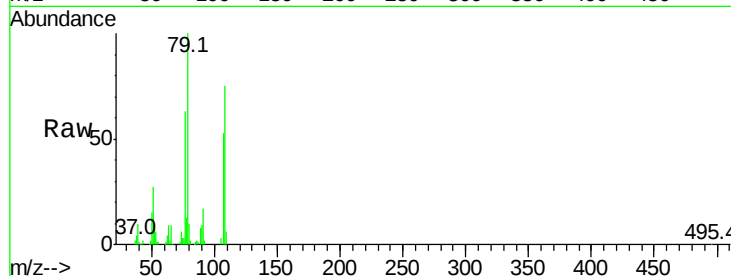
ClientSampleId :

PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 74.9  | 57.2  | 85.8  |
| 77      | 63.2  | 46.1  | 69.1  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.953 ng

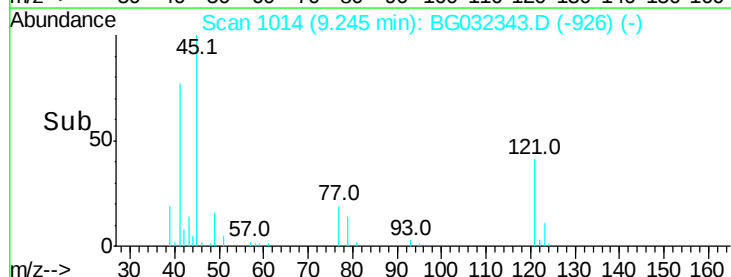
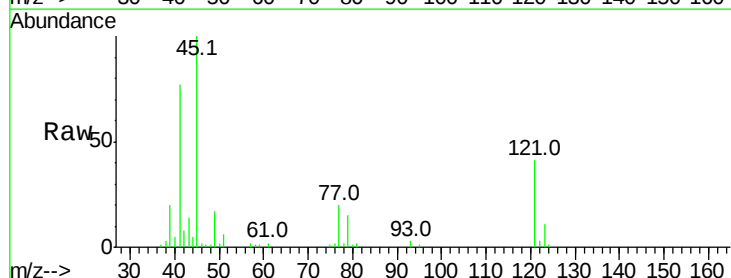
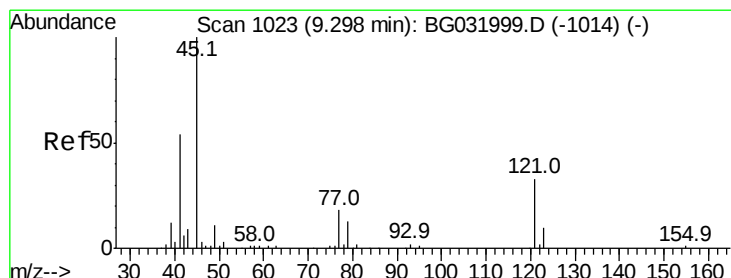
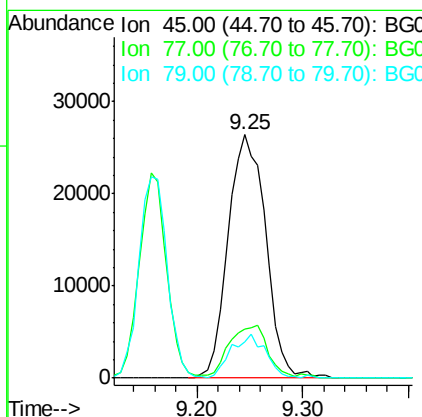
RT: 9.25 min Scan# 1014

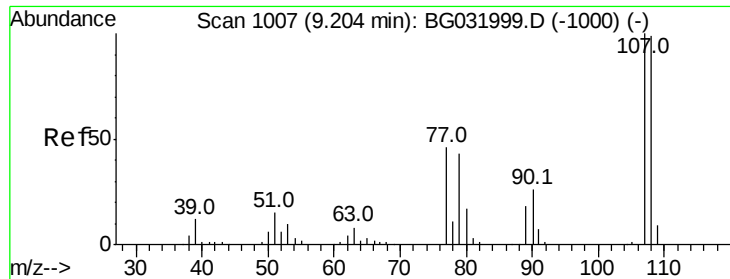
Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 20.4  | 0.0   | 30.2  |
| 79      | 15.1  | 0.0   | 27.9  |





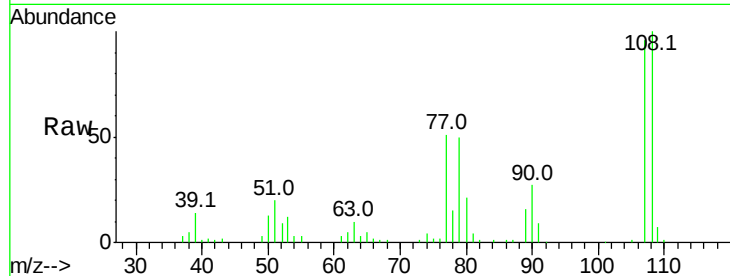
#17  
2-Methylphenol  
Concen: 40.641 ng  
RT: 9.16 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

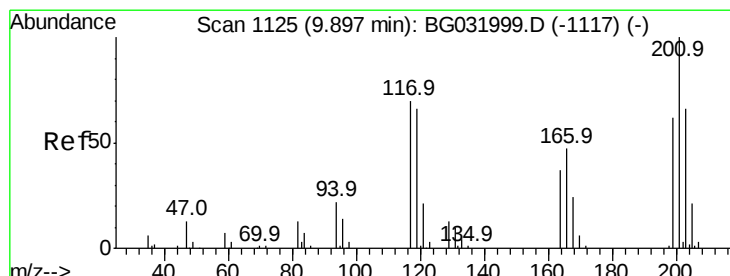
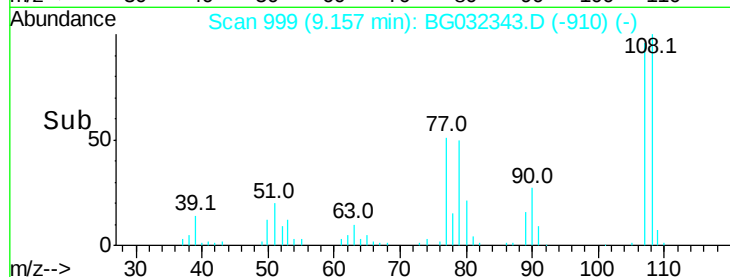
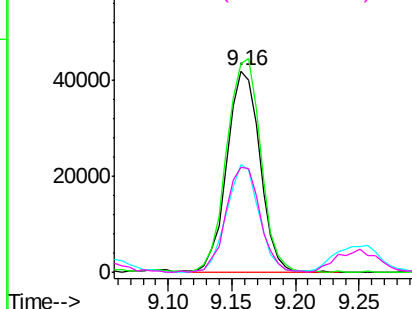
| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 107     | 100   |       | 75390 |       |       |
| 108     | 103.8 | 83.9  | 125.9 |       |       |
| 77      | 53.2  | 37.2  | 55.8  |       |       |
| 79      | 52.2  | 36.2  | 54.2  |       |       |

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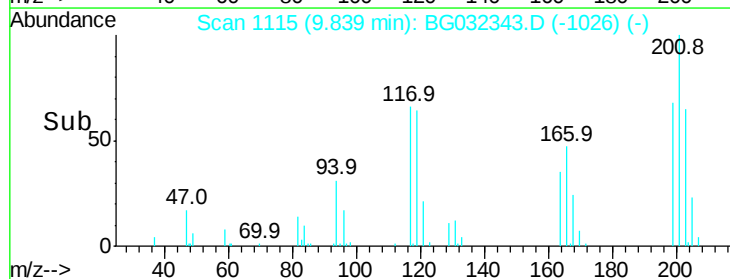
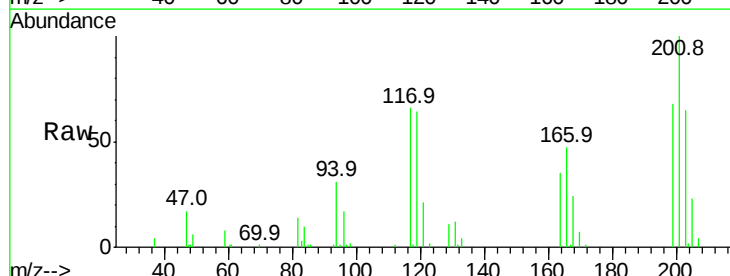
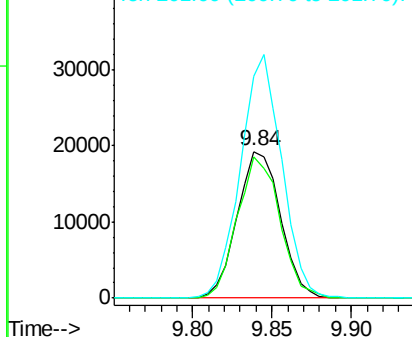
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

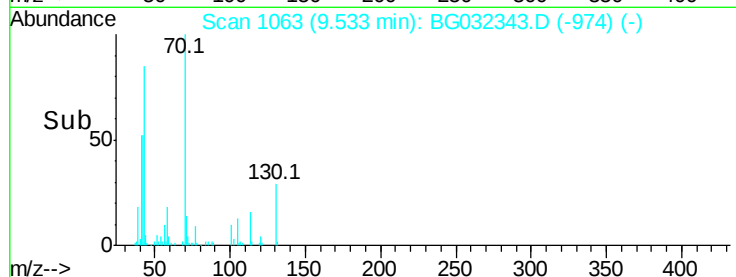
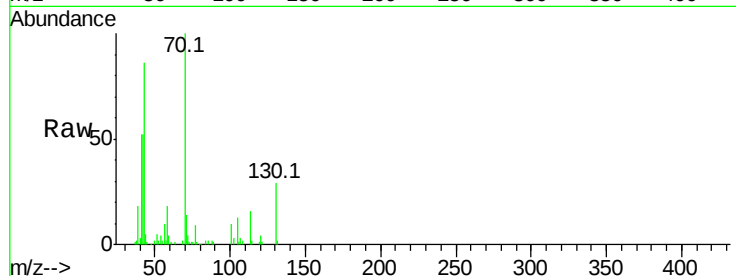
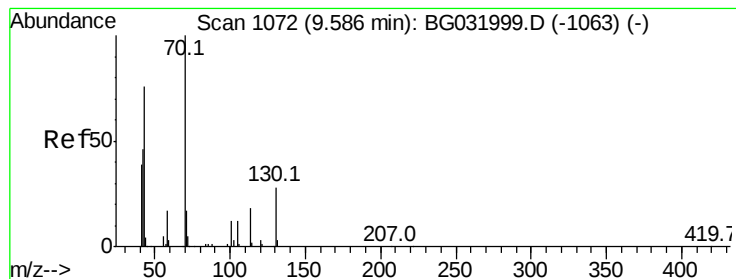


#18  
Hexachloroethane  
Concen: 41.117 ng  
RT: 9.84 min Scan# 1115  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 117     | 100   |       | 36457  |       |       |
| 119     | 96.3  | 76.7  | 115.1  |       |       |
| 201     | 150.7 | 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: 39.307 ng

RT: 9.53 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

ClientSampleId :

PB105951BS

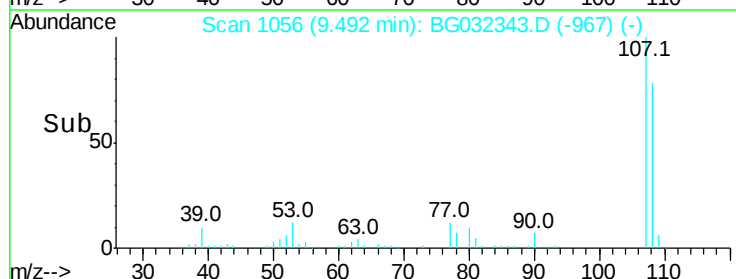
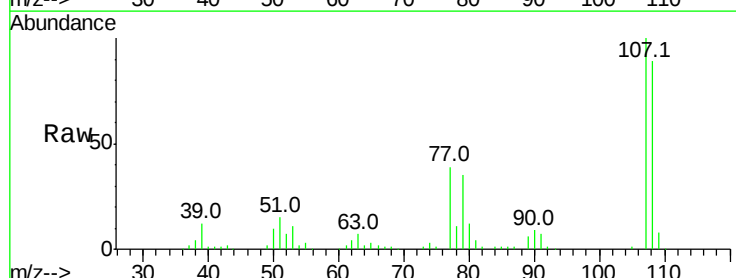
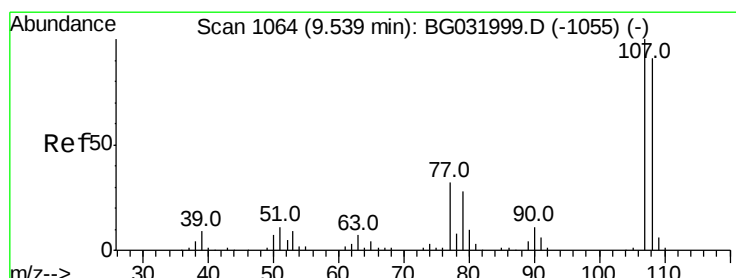
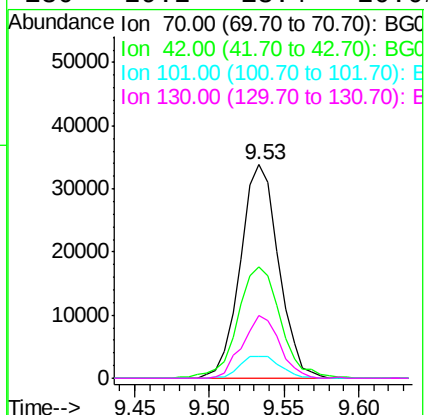
Tot Ion: 70 Resp: 60095

Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 70  | 100  |      |      |
| 42  | 51.9 | 49.1 | 73.7 |
| 101 | 10.3 | 8.5  | 12.7 |
| 130 | 29.2 | 13.4 | 20.0 |

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#20

3+4-Methylphenols

Concen: 39.712 ng

RT: 9.49 min Scan# 1056

Delta R.T. -0.01 min

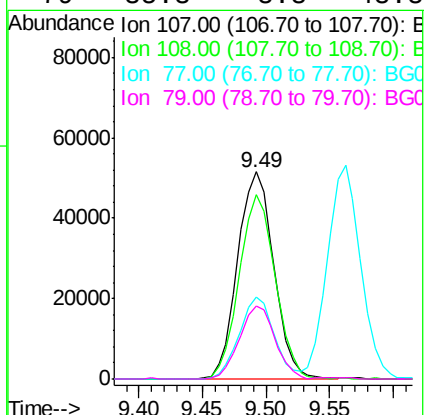
Lab File: BG032343.D

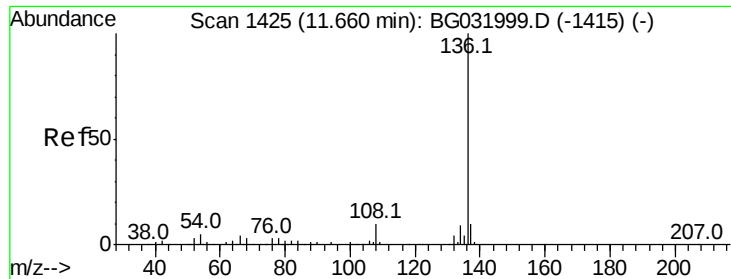
Acq: 27 Jan 2018 00:22

Tgt Ion: 107 Resp: 102051

Ion Ratio Lower Upper

|     |      |      |       |
|-----|------|------|-------|
| 107 | 100  |      |       |
| 108 | 88.7 | 61.6 | 101.6 |
| 77  | 39.4 | 13.9 | 53.9  |
| 79  | 35.3 | 8.8  | 48.8  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

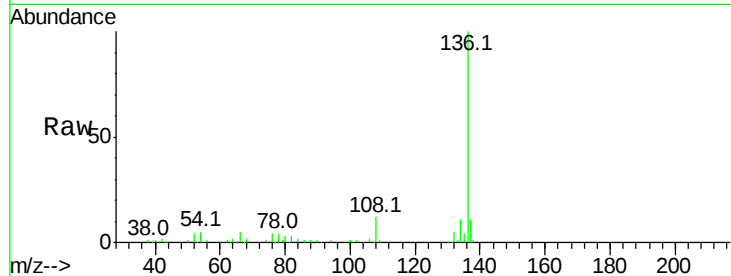
ClientSampleId :

PB105951BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 9.2  | 13.8  |       |
| 54      | 5.2   | 10.3 | 15.5  |       |
| 68      | 2.1   | 4.5  | 6.7   |       |

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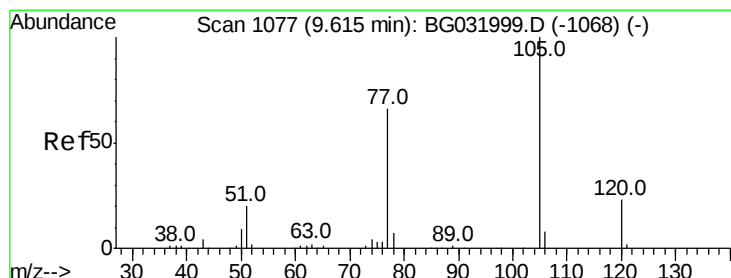
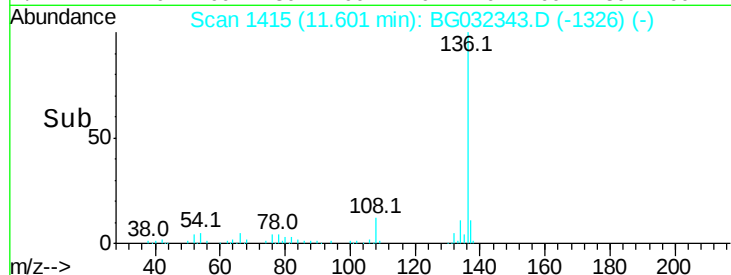
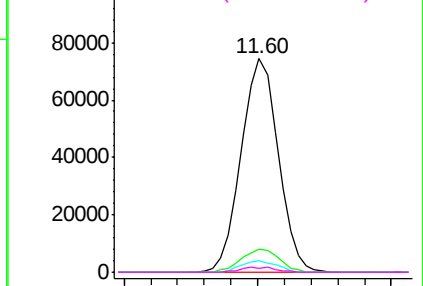


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.055 ng

RT: 9.56 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

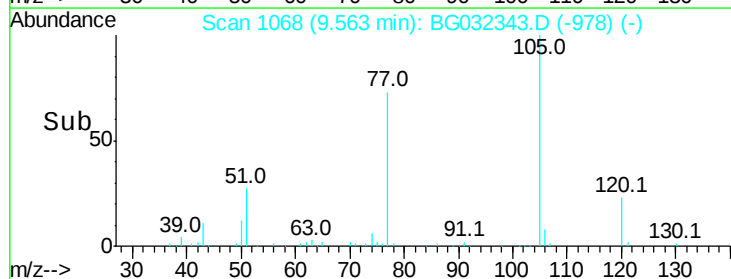
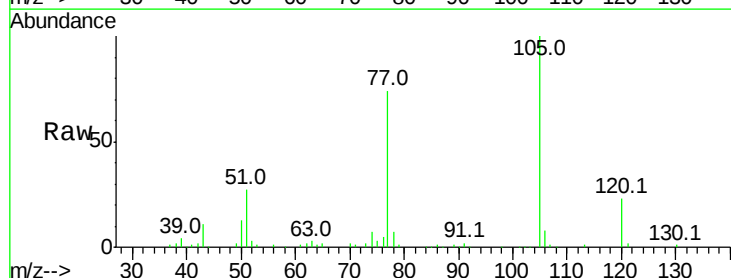
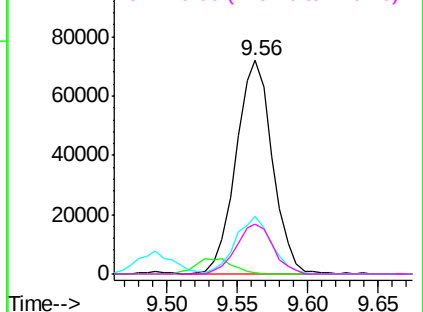
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.5   | 3.0  | 4.4   |       |
| 51      | 27.1  | 26.1 | 39.1  |       |
| 120     | 23.2  | 17.4 | 26.2  |       |

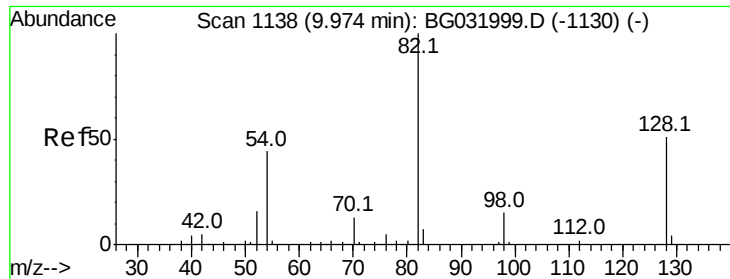
Abundance Ion 105.00 (104.70 to 105.70): E

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





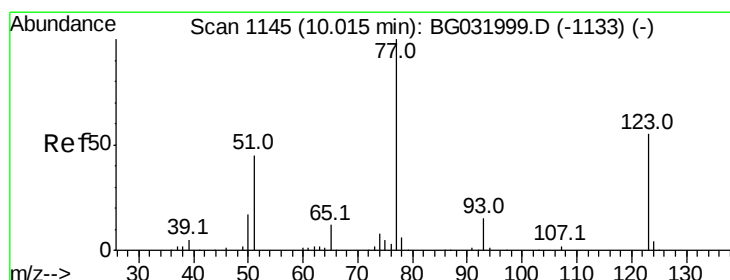
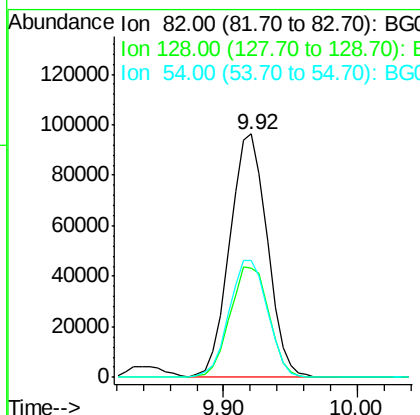
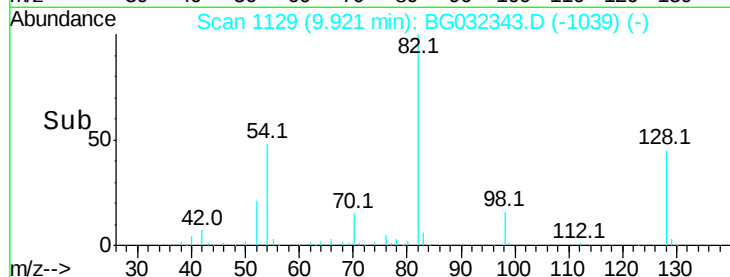
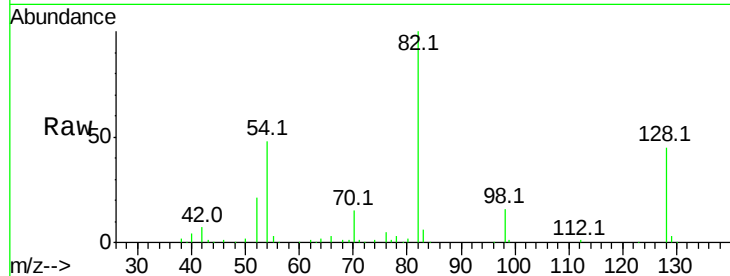
#23  
Nitrobenzene-d5  
Concen: 89.299 ng  
RT: 9.92 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 45.0  | 29.7 | 44.5# |       |
| 54      | 47.9  | 43.1 | 64.7  |       |

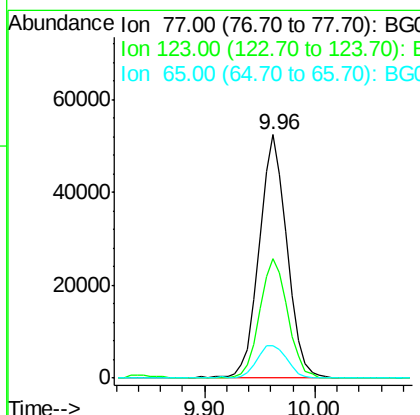
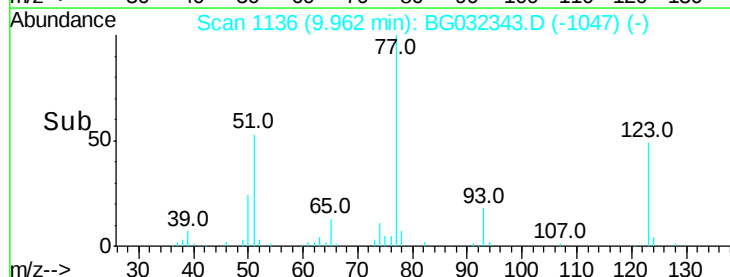
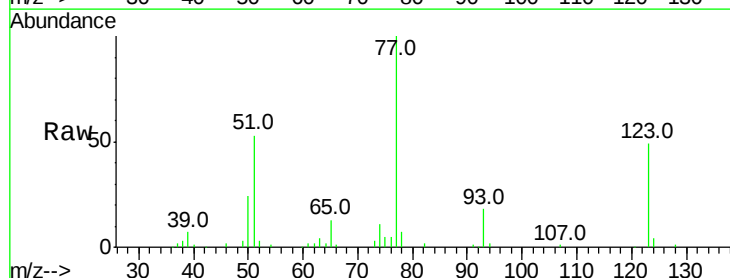
Manual Integrations  
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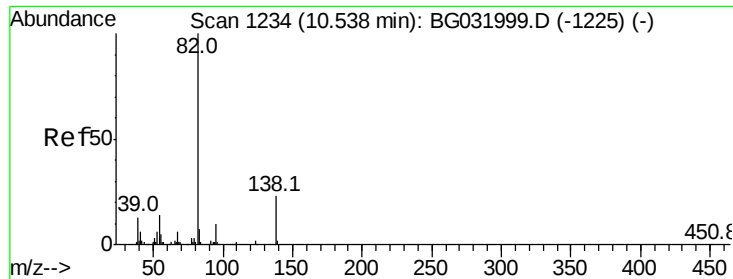
Sohil  
1/27/2018 1:50:18 PM



#24  
Nitrobenzene  
Concen: 43.909 ng  
RT: 9.96 min Scan# 1136  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 49.1  | 33.0 | 49.6  |       |
| 65      | 13.1  | 13.0 | 19.6  |       |





#25

Isophorone

Concen: 41.812 ng

RT: 10.49 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

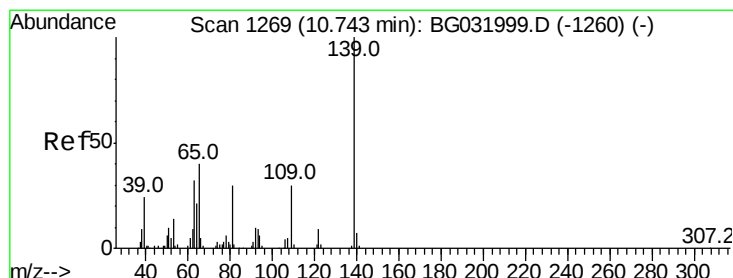
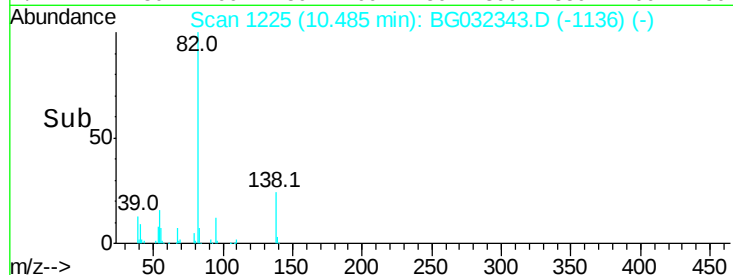
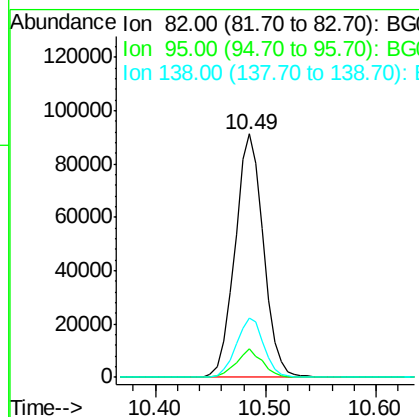
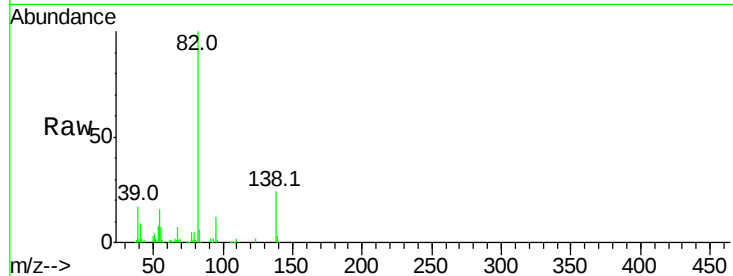
ClientSampleId :

PB105951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 164201 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 11.5  | 6.2   | 9.2#   |
| 138       | 24.2  | 12.1  | 18.1#  |

Manual Integrations  
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Sohil  
1/27/2018 1:50:18 PM



#26

2-Nitrophenol

Concen: 46.433 ng

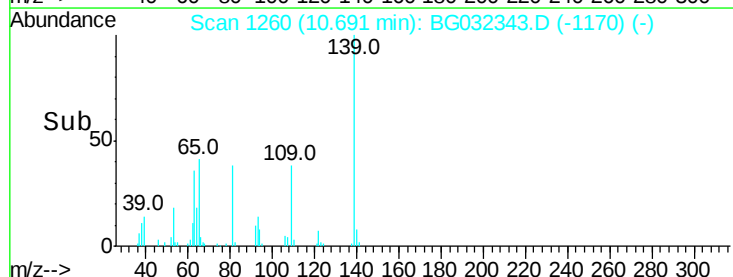
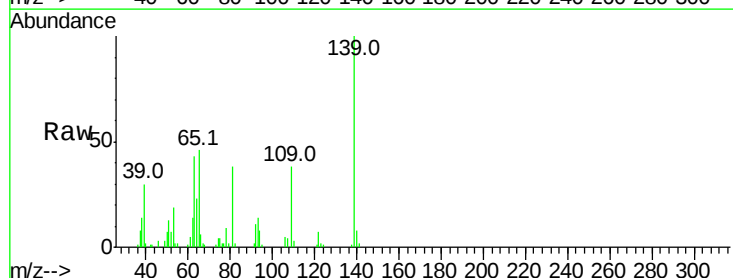
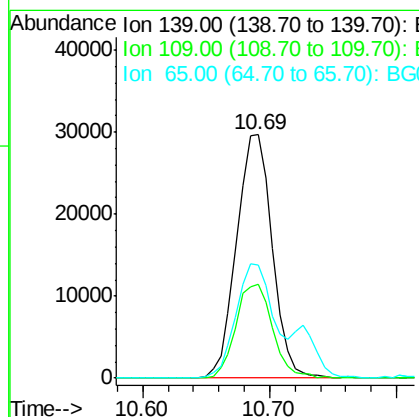
RT: 10.69 min Scan# 1260

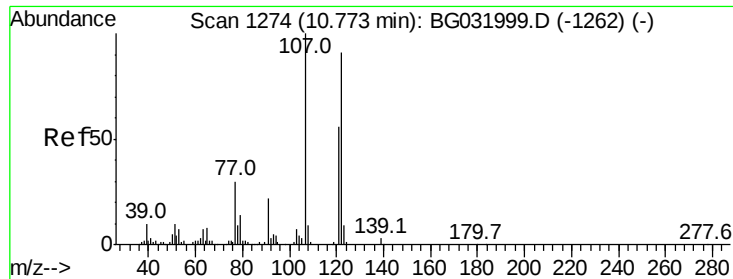
Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 57880 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 38.3  | 24.2  | 36.2# |
| 65        | 46.2  | 47.4  | 71.0# |





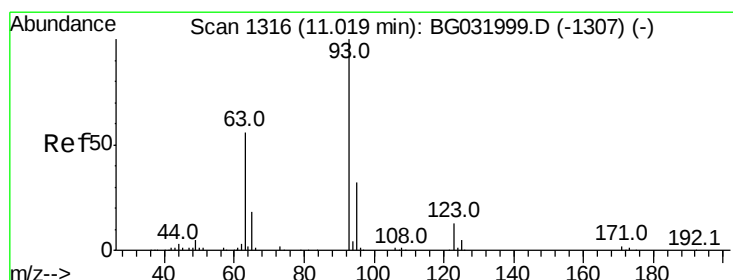
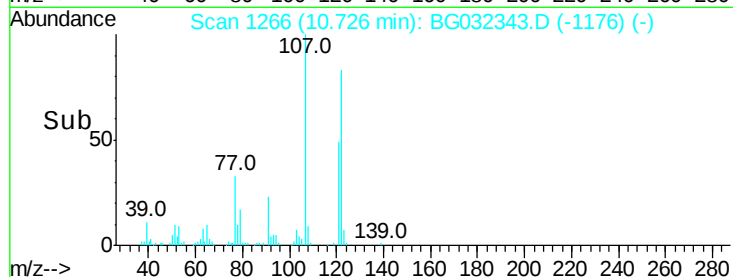
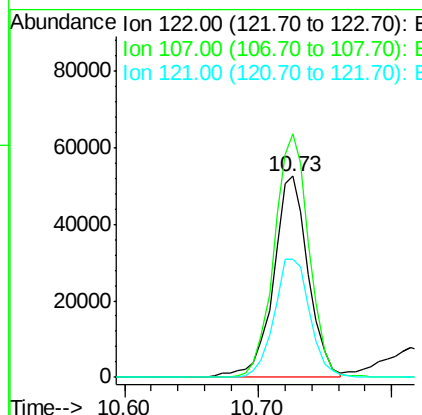
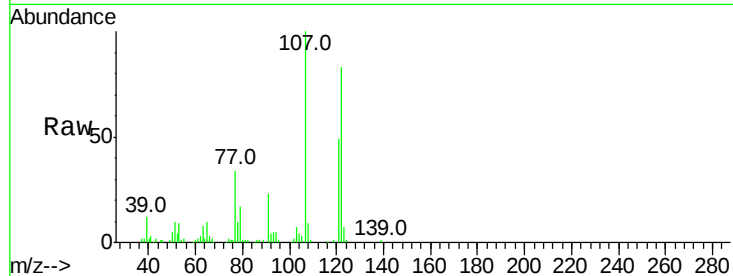
#27  
2,4-Dimethylphenol  
Concen: 48.096 ng  
RT: 10.73 min Scan# 1266  
Delta R.T. -0.00 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.0 | 100.2 | 150.2 |
| 121     | 59.0  | 44.4  | 66.6  |

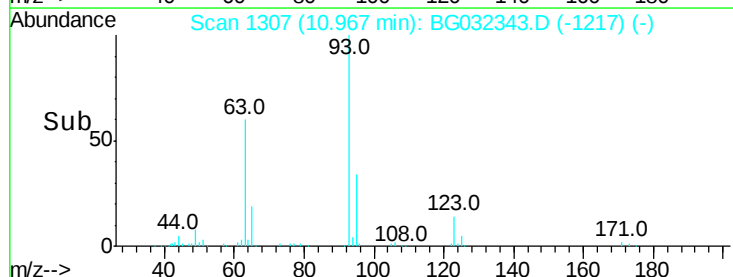
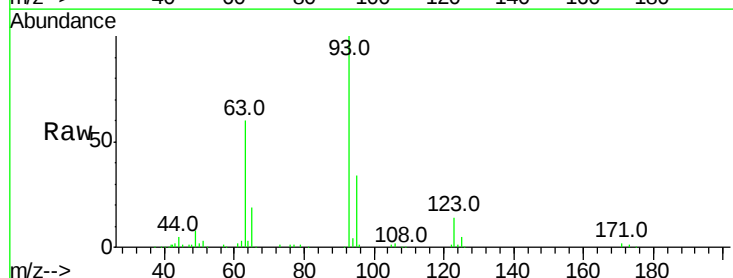
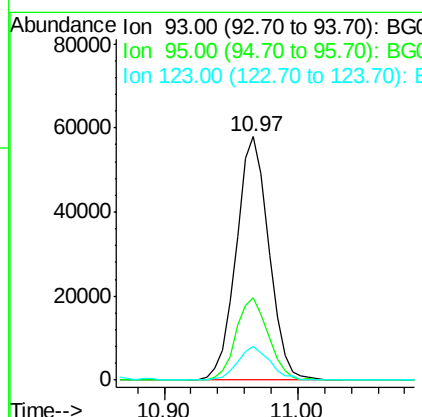
Manual Integrations  
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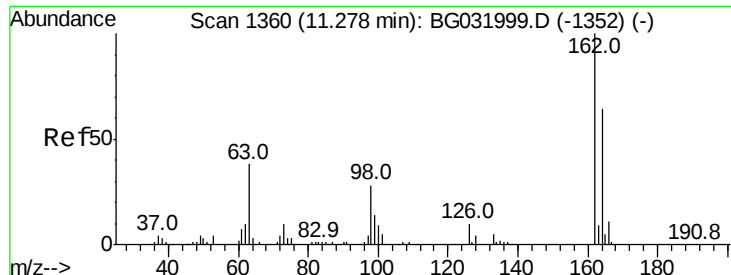
Sohil  
1/27/2018 1:50:18 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.409 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.00 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.7  | 24.3  | 36.5  |
| 123     | 13.9  | 8.4   | 12.6# |





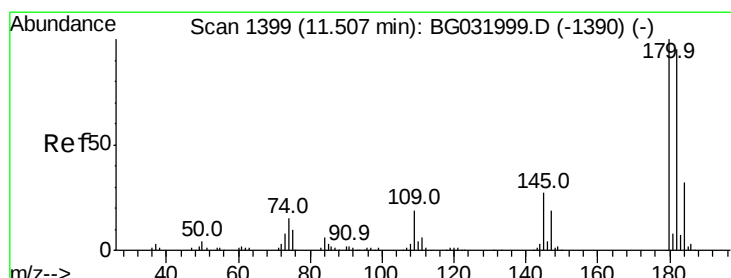
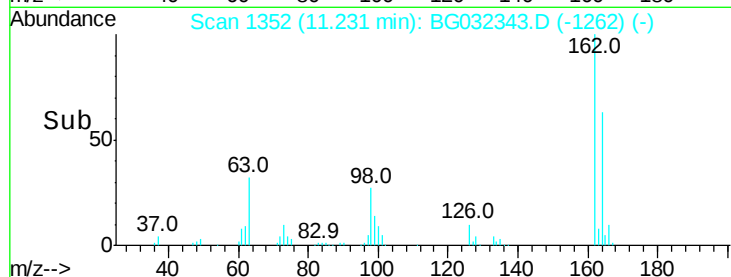
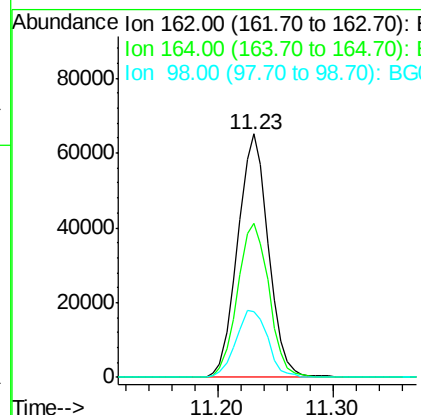
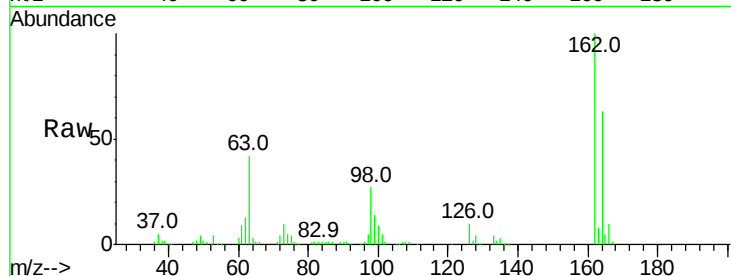
#29  
 2,4-Dichlorophenol  
 Concen: 49.290 ng  
 RT: 11.23 min Scan# 1352  
 Delta R.T. -0.00 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 119971 |       |       |
| 164     | 63.2  | 48.0   | 88.0  |       |
| 98      | 27.0  | 21.1   | 61.1  |       |

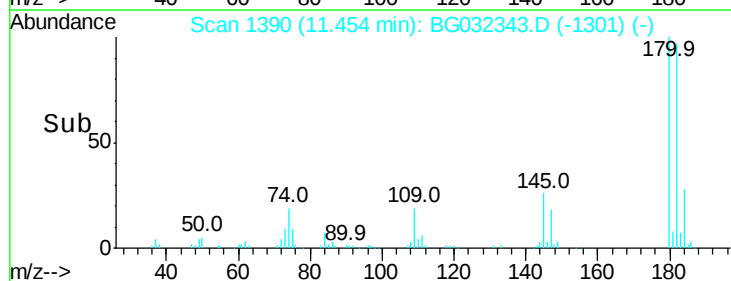
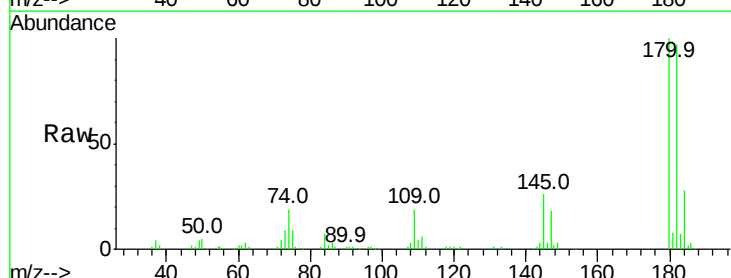
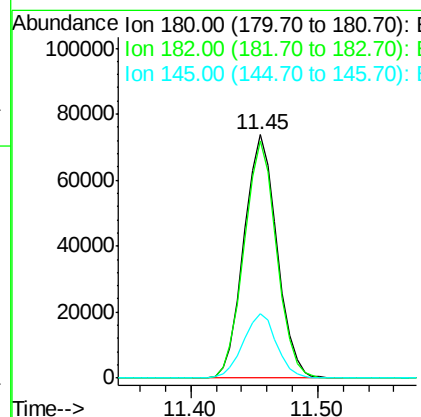
Manual Integrations  
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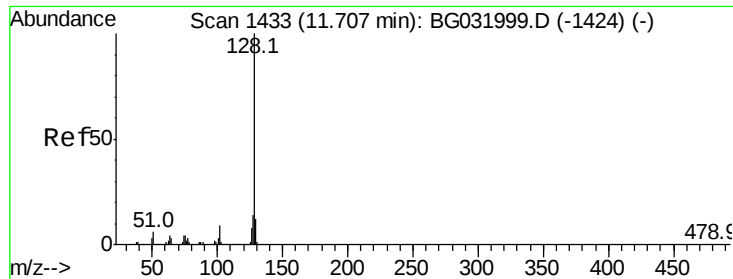
Sohil  
 1/27/2018 1:50:18 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.266 ng  
 RT: 11.45 min Scan# 1390  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 132859 |       |       |
| 182     | 97.2  | 77.5   | 116.3 |       |
| 145     | 26.3  | 23.4   | 35.2  |       |





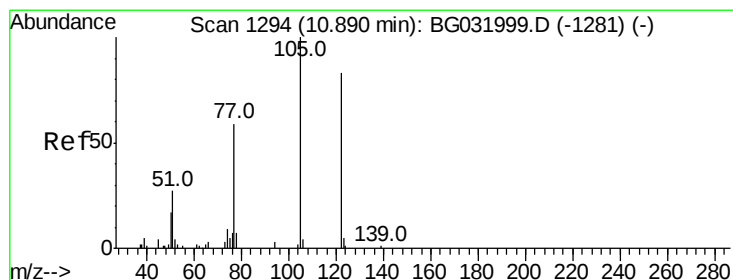
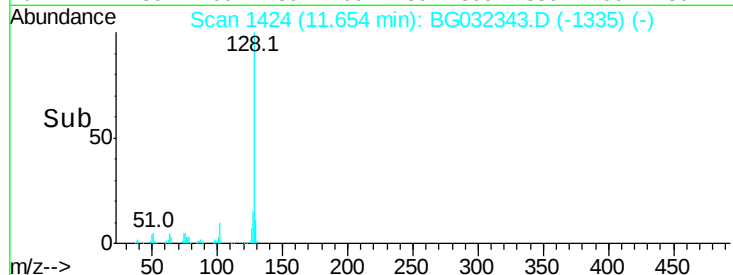
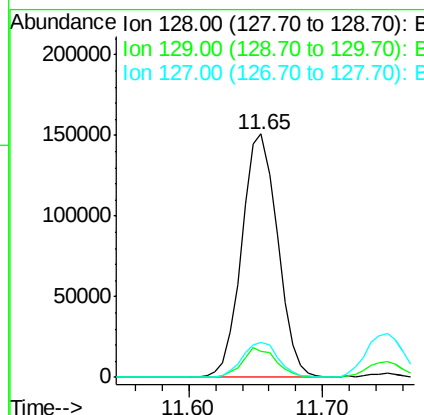
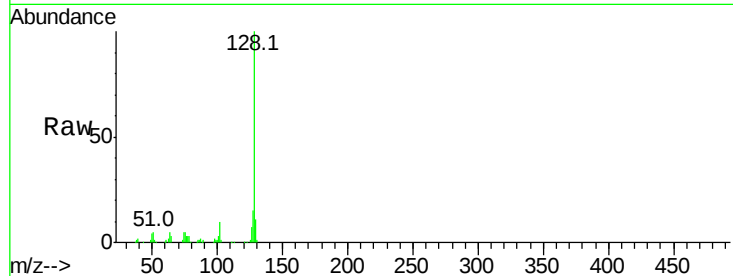
#31  
Naphthalene  
Concen: 39.605 ng  
RT: 11.65 min Scan# 1424  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 279942 |       |       |
| 129     | 10.8  |        | 8.6   | 12.8  |
| 127     | 14.6  |        | 11.6  | 17.4  |

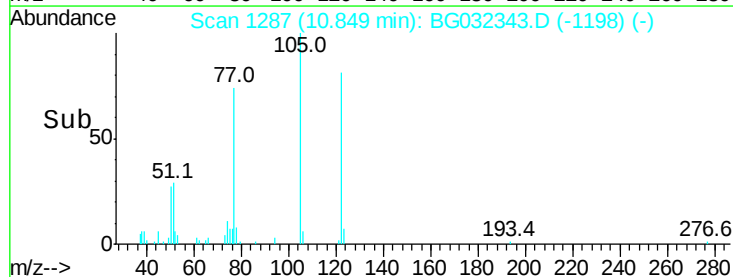
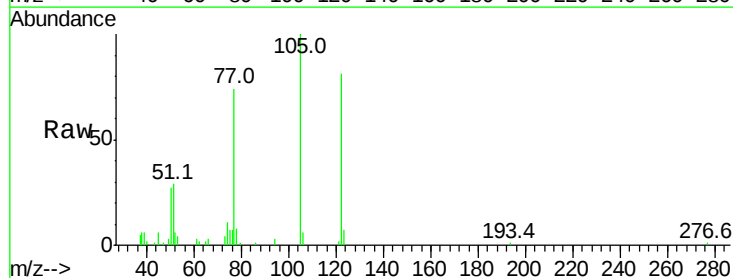
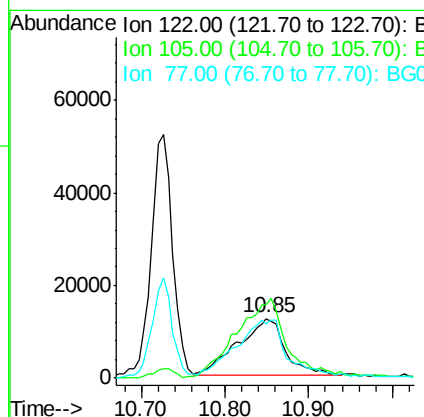
Manual Integrations  
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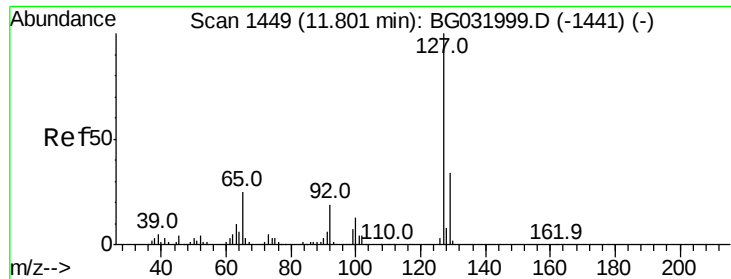
Sohil  
1/27/2018 1:50:18 PM



#32  
Benzoic acid  
Concen: 32.525 ng m  
RT: 10.85 min Scan# 1287  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 122     | 100   | 48592 |       |        |
| 105     | 123.3 |       | 123.5 | 163.5# |
| 77      | 91.0  |       | 85.7  | 125.7  |





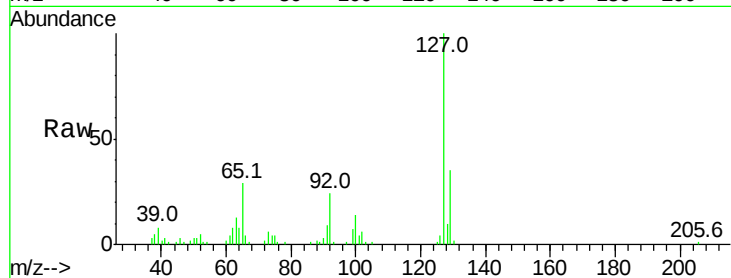
#33  
4-Chloroaniline  
Concen: 17.788 ng  
RT: 11.75 min Scan# 1440  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 35.2  | 24.0  | 36.0  |
| 65      | 28.8  | 27.0  | 40.4  |
| 92      | 23.6  | 16.6  | 25.0  |

Manual Integrations  
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1/27/2018 1:50:18 PM



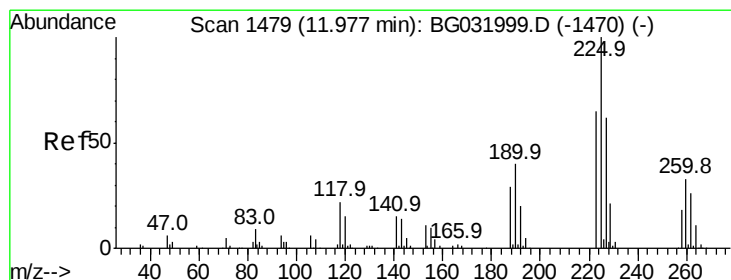
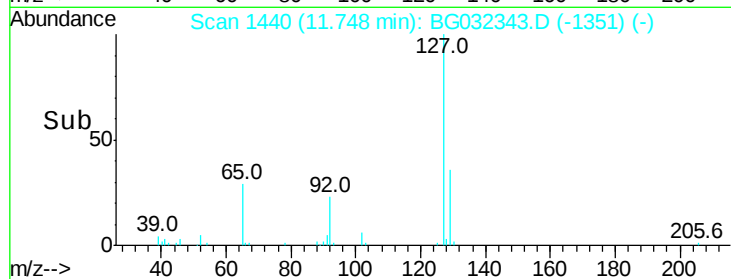
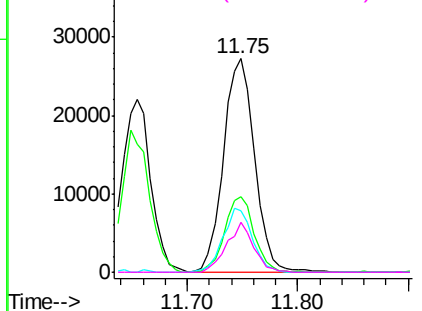
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 45.065 ng  
RT: 11.92 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

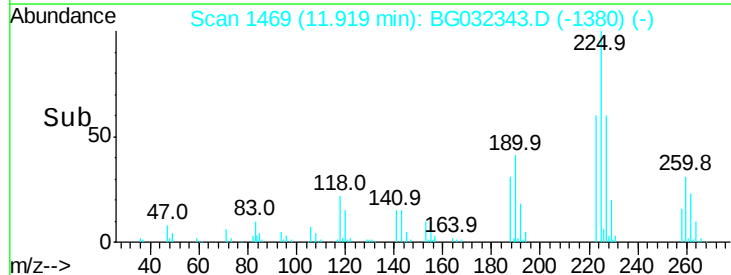
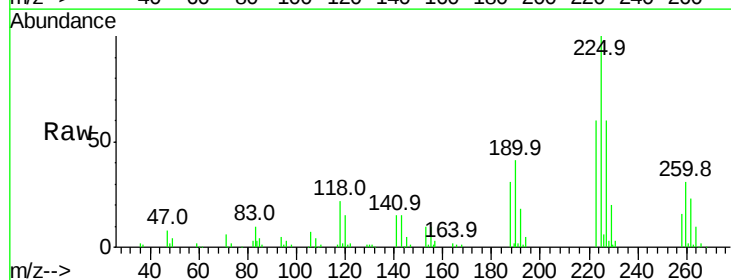
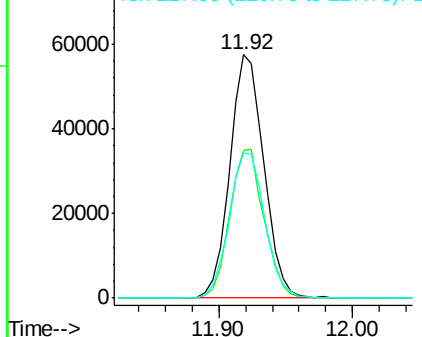
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.4  | 49.7  | 74.5  |
| 227     | 59.6  | 48.1  | 72.1  |

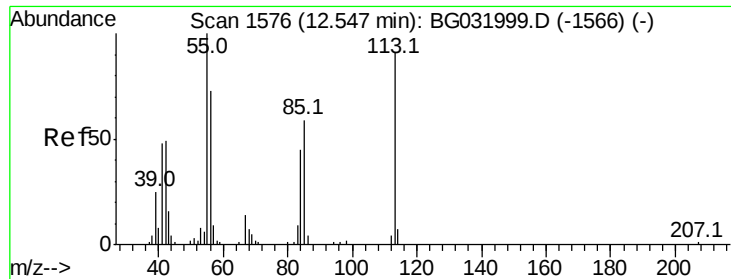
Abundance

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: 44.315 ng

RT: 12.50 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

ClientSampleId :

PB105951BS

Tot Ion:113 Resp: 32723

Ion Ratio Lower Upper

113 100

55 111.8 186.9 226.9#

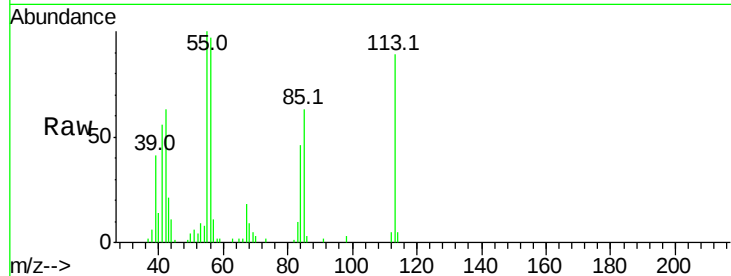
56 108.2 130.9 170.9#

Manual Integrations

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Sohil

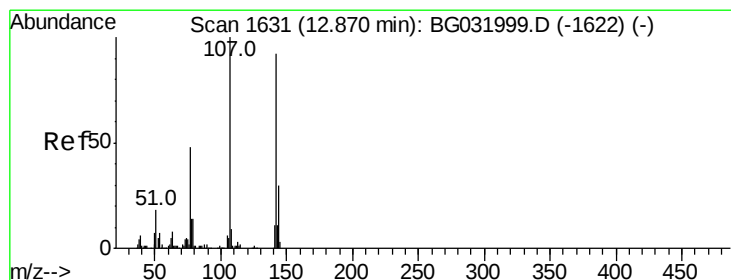
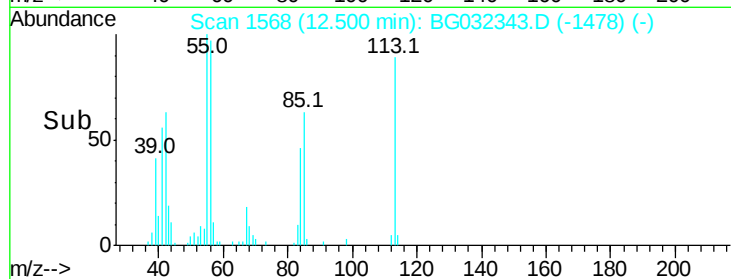
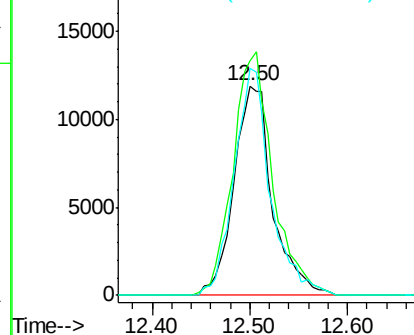
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.148 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

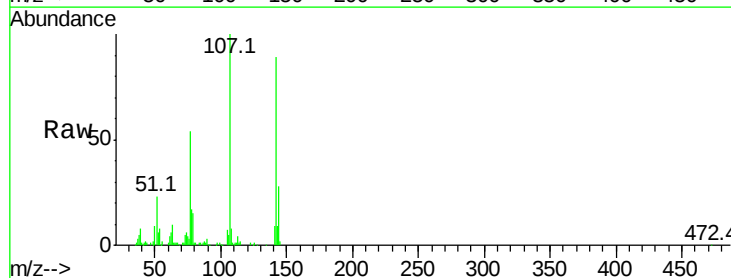
Tgt Ion:107 Resp: 107268

Ion Ratio Lower Upper

107 100

144 28.1 18.2 27.4#

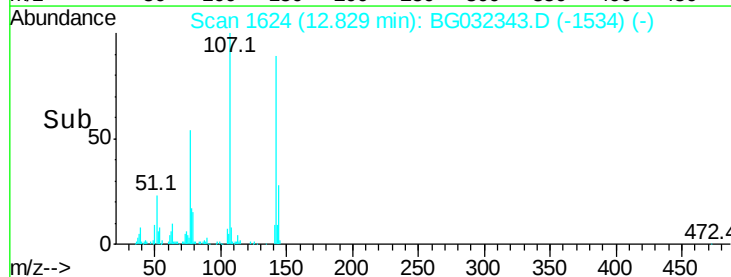
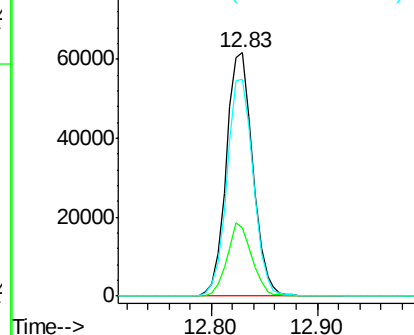
142 89.0 59.0 88.4#

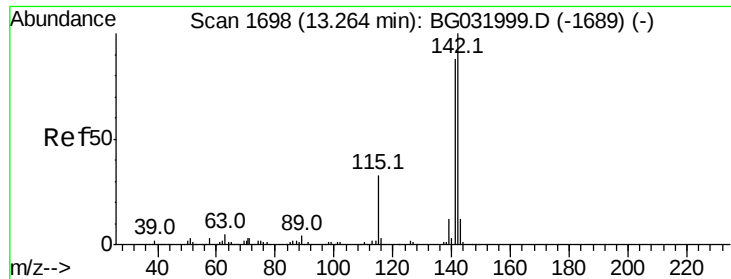


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





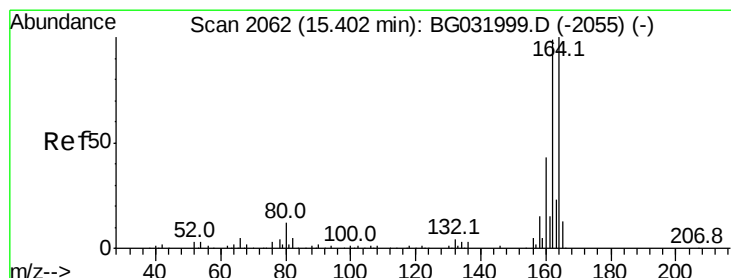
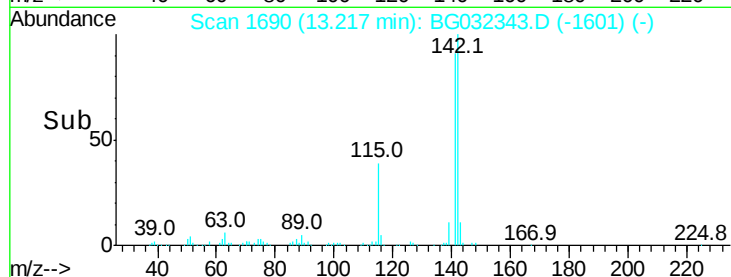
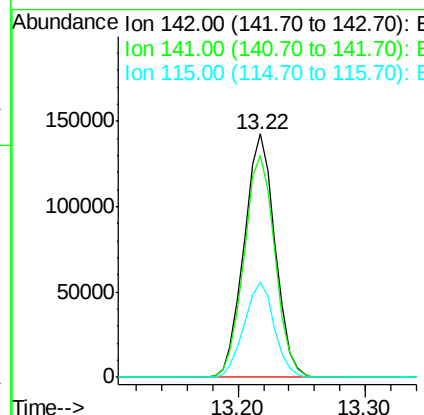
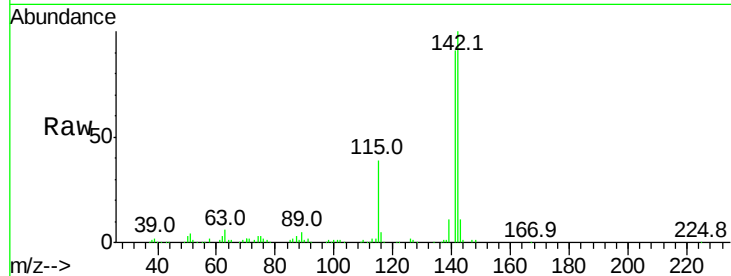
#37  
2-Methylnaphthalene  
Concen: 42.959 ng  
RT: 13.22 min Scan# 1690  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 67.1  | 100.7 |
| 115     | 38.9  | 30.7  | 46.1  |

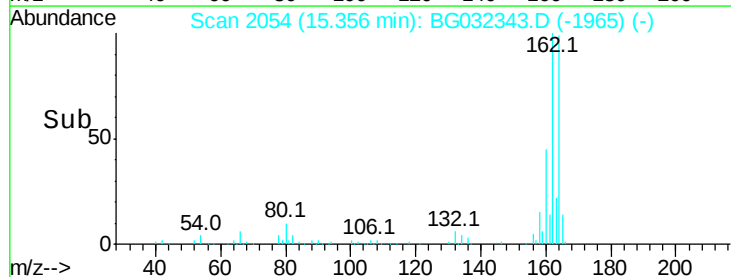
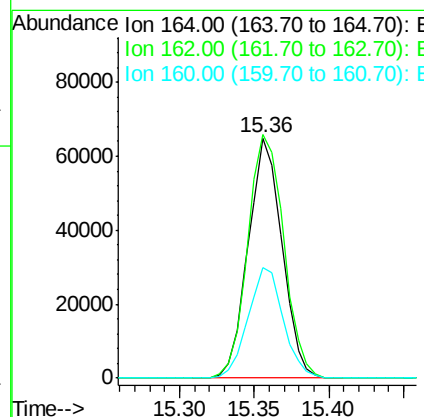
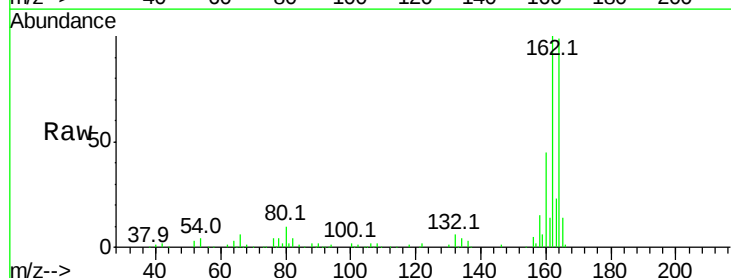
Manual Integrations  
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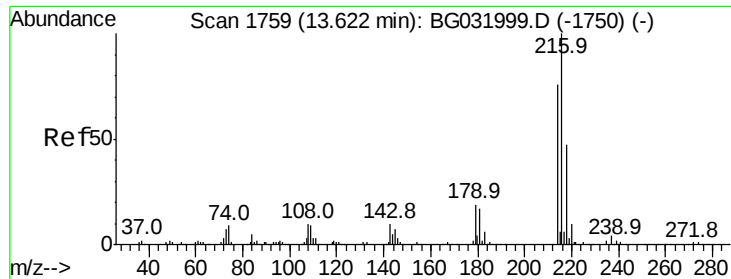
Sohil  
1/27/2018 1:50:18 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.36 min Scan# 2054  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.5 | 78.8  | 118.2 |
| 160     | 46.1  | 35.4  | 53.0  |





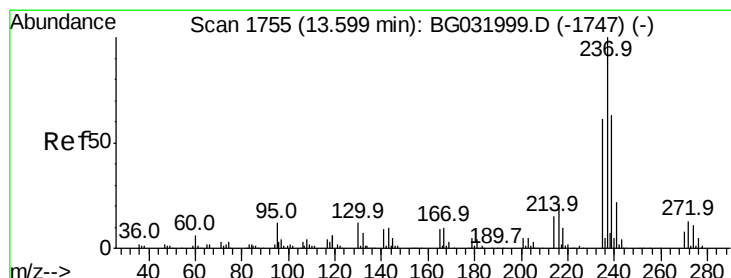
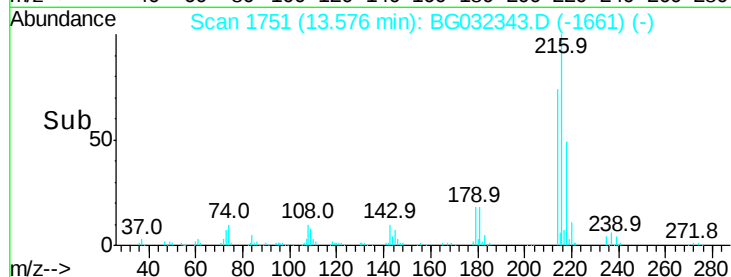
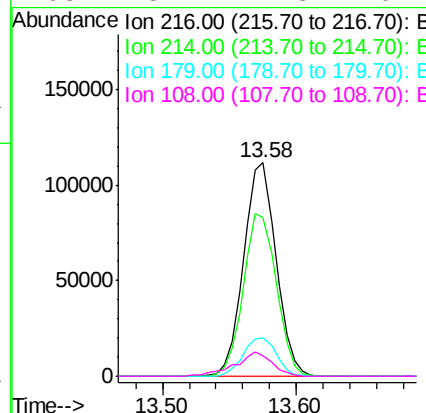
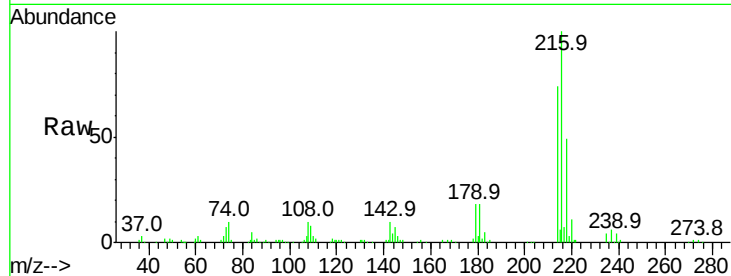
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.275 ng  
 RT: 13.58 min Scan# 1751  
 Delta R.T. -0.00 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 187142 |       |       |
| 214     | 77.6  | 63.0   | 94.4  |       |
| 179     | 18.5  | 17.0   | 25.6  |       |
| 108     | 13.1  | 12.8   | 19.2  |       |

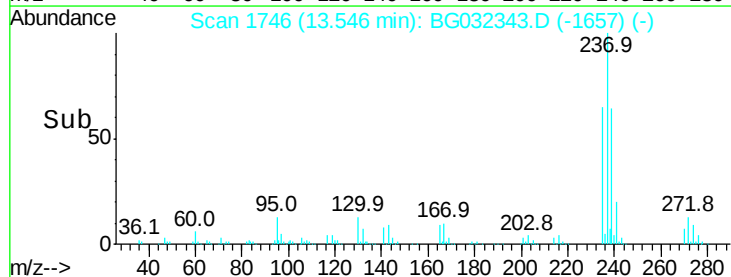
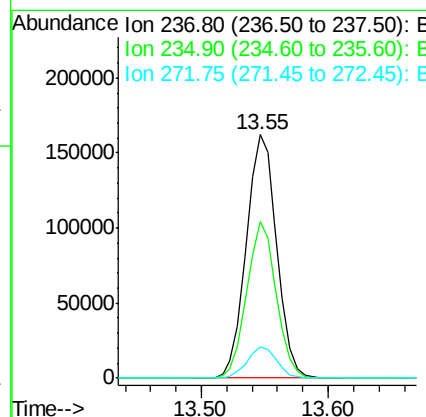
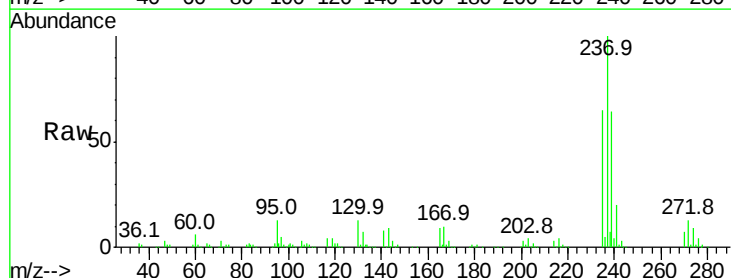
Manual Integrations  
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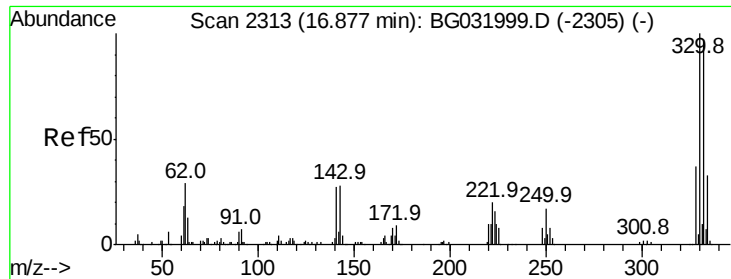
Sohil  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 107.850 ng  
 RT: 13.55 min Scan# 1746  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 268904 |       |       |
| 235     | 64.5  | 50.4   | 90.4  |       |
| 272     | 12.6  | 0.0    | 31.8  |       |





#41

2,4,6-Tribromophenol

Concen: 140.529 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

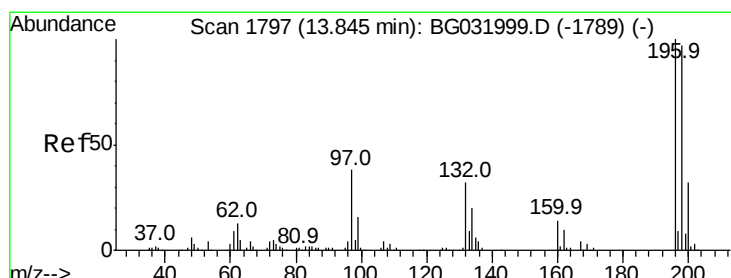
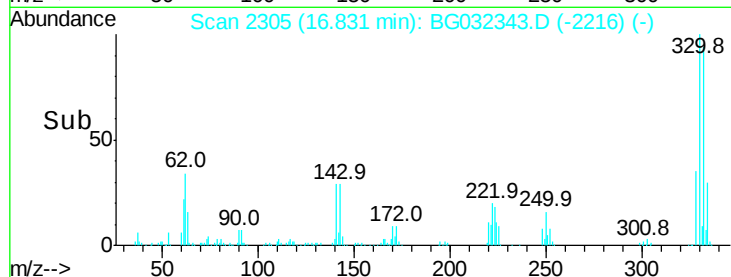
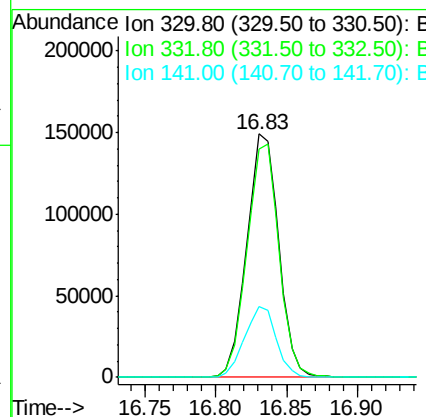
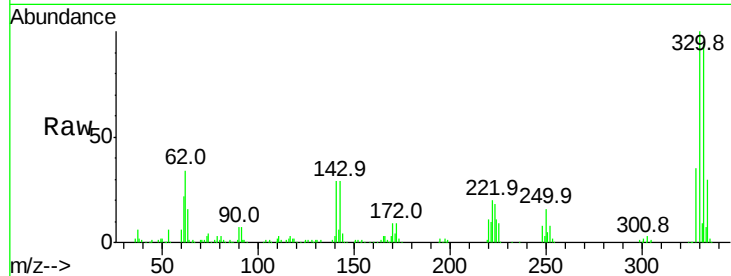
ClientSampleId :

PB105951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 236159 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.1  | 77.0  | 115.6  |
| 141       | 29.0  | 25.2  | 37.8   |

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#42

2,4,6-Trichlorophenol

Concen: 46.594 ng

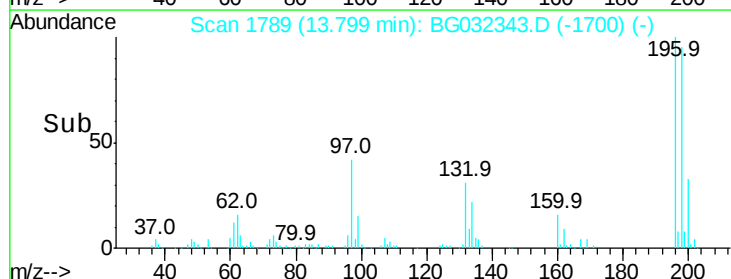
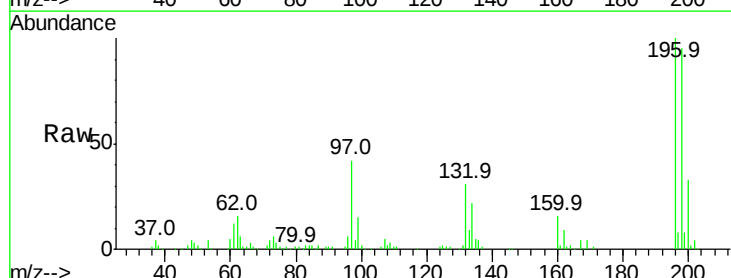
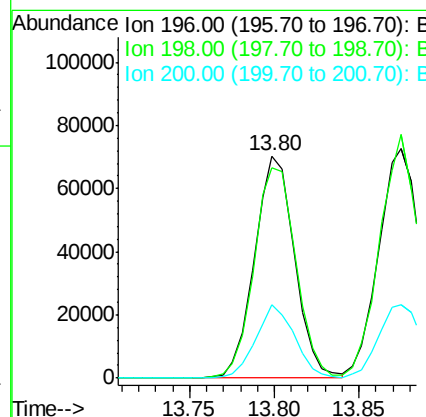
RT: 13.80 min Scan# 1789

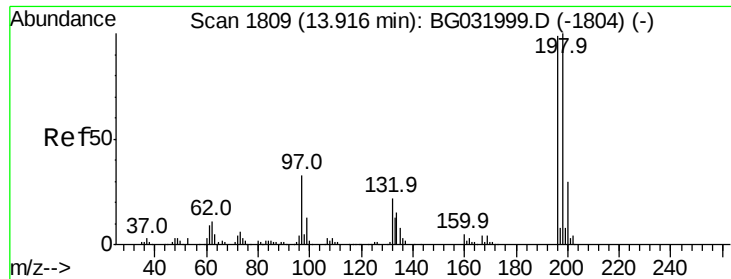
Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 115893 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.7  | 78.2  | 117.2  |
| 200       | 33.0  | 24.6  | 36.8   |





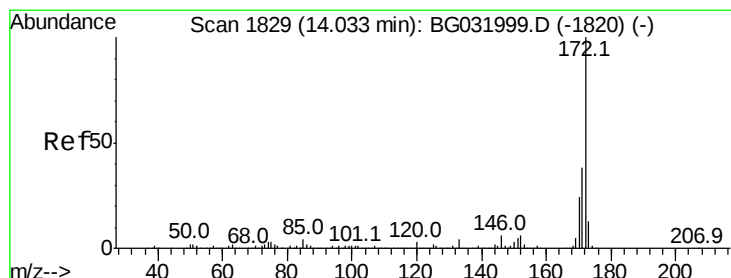
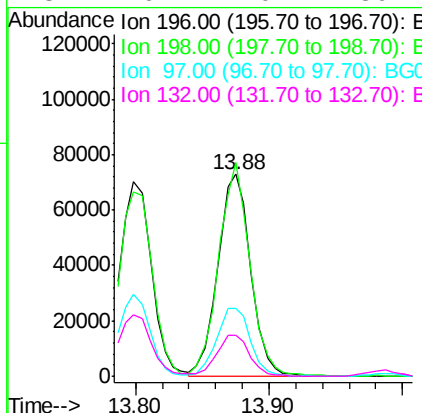
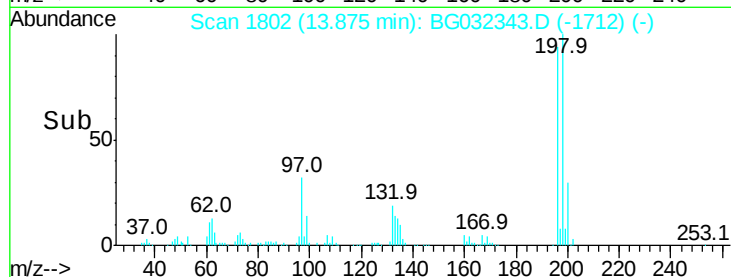
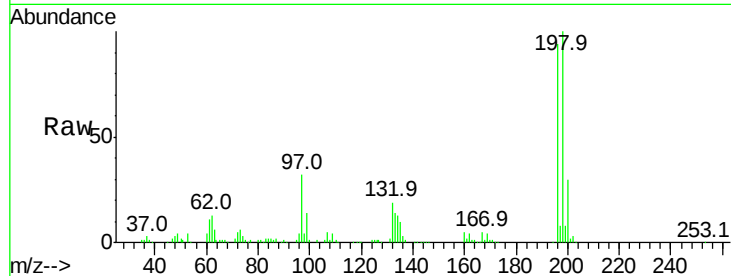
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.714 ng  
 RT: 13.88 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 125855 |       |       |
| 198     | 105.9 | 76.2   | 114.4 |       |
| 97      | 33.7  | 38.7   | 58.1  |       |
| 132     | 20.2  | 20.2   | 30.2  |       |

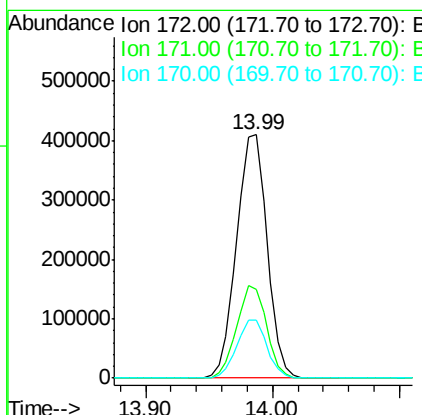
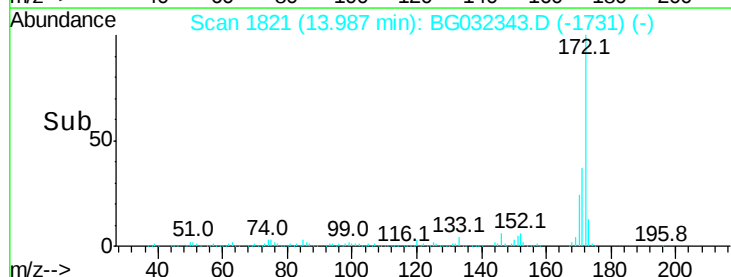
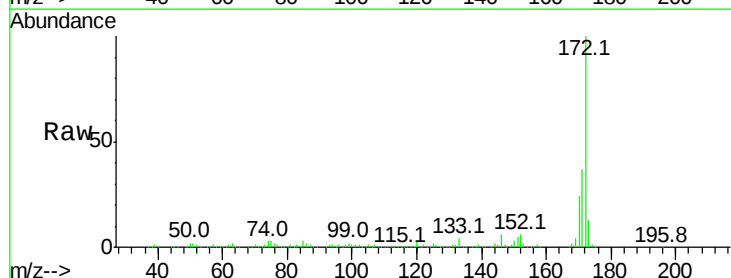
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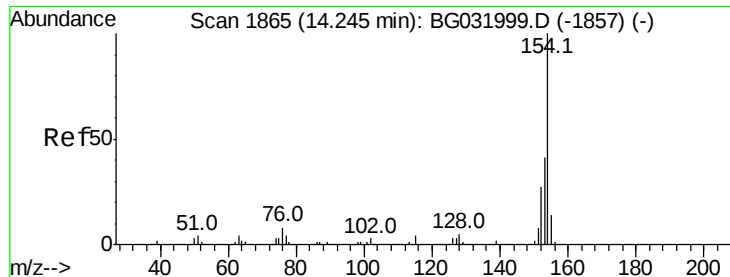
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#44  
 2-Fluorobiphenyl  
 Concen: 83.561 ng  
 RT: 13.99 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 684386 |       |       |
| 171     | 36.6  | 30.0   | 45.0  |       |
| 170     | 23.6  | 19.5   | 29.3  |       |





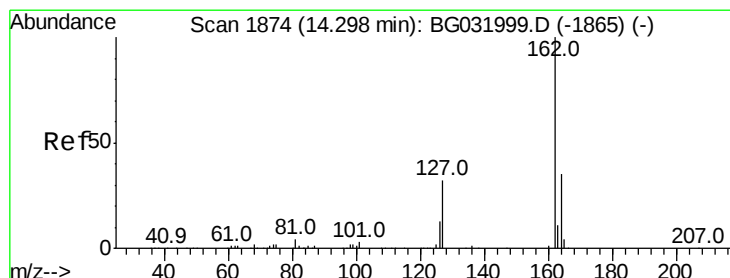
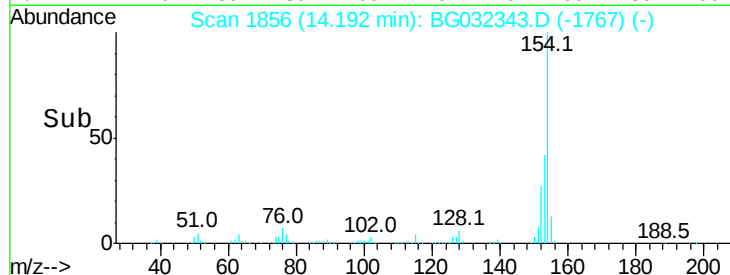
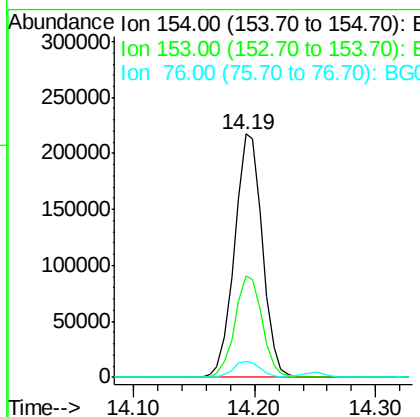
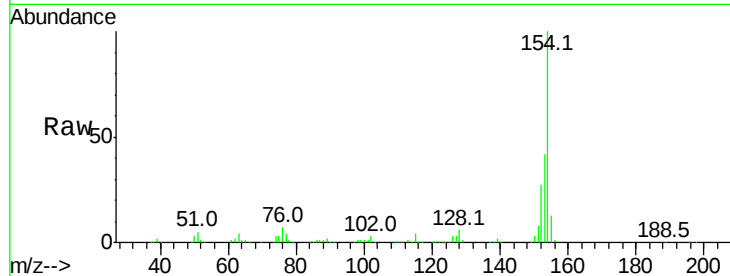
#45  
 1,1'-Biphenyl  
 Concen: 39.869 ng  
 RT: 14.19 min Scan# 1856  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.9  | 19.8  | 59.8  |
| 76      | 6.7   | 0.0   | 31.9  |

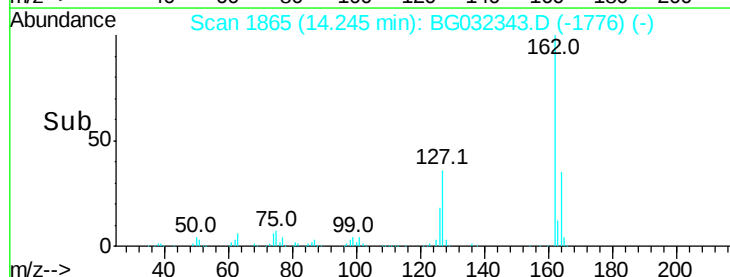
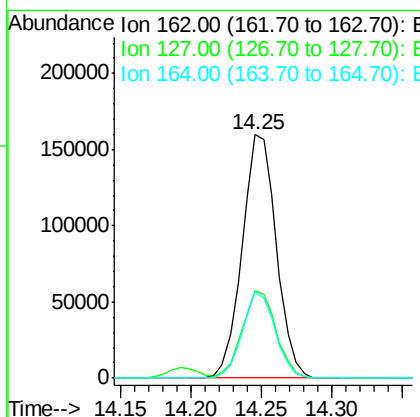
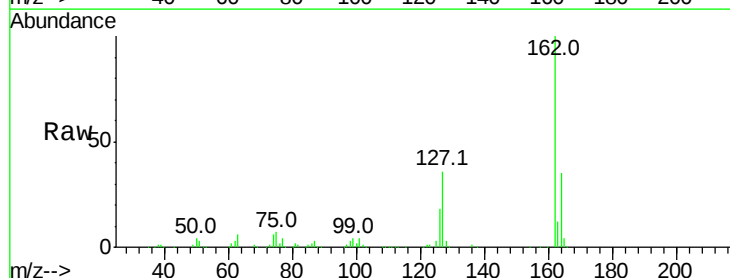
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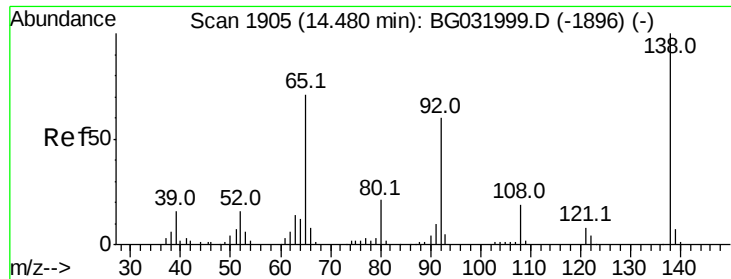
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#46  
 2-Chloronaphthalene  
 Concen: 39.925 ng  
 RT: 14.25 min Scan# 1865  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.0  | 30.7  | 46.1  |
| 164     | 35.5  | 26.0  | 39.0  |





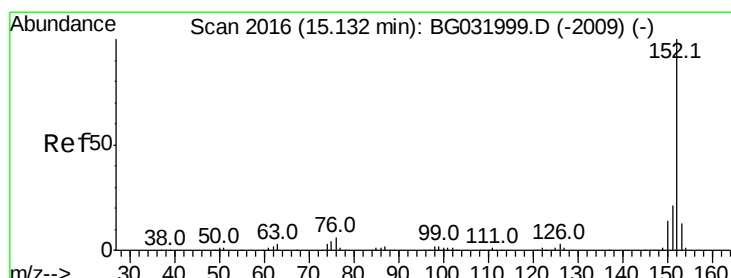
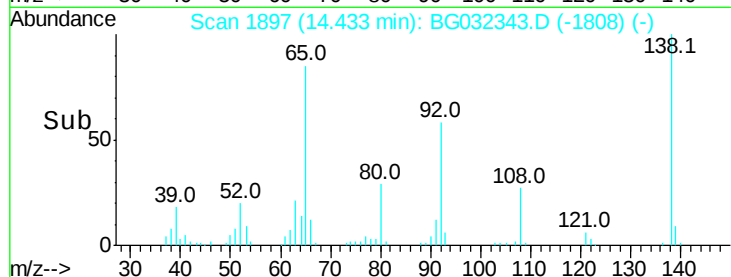
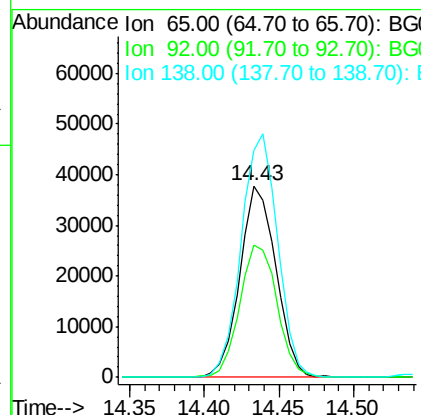
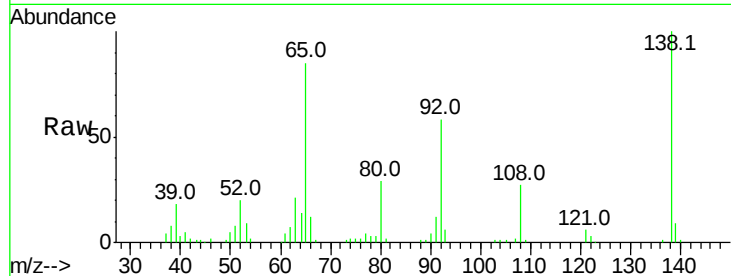
#47  
2-Nitroaniline  
Concen: 49.030 ng  
RT: 14.43 min Scan# 1897  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

Tot Ion: 65 Resp: 63571  
Ion Ratio Lower Upper  
65 100  
92 68.8 54.6 82.0  
138 118.2 72.9 109.3#

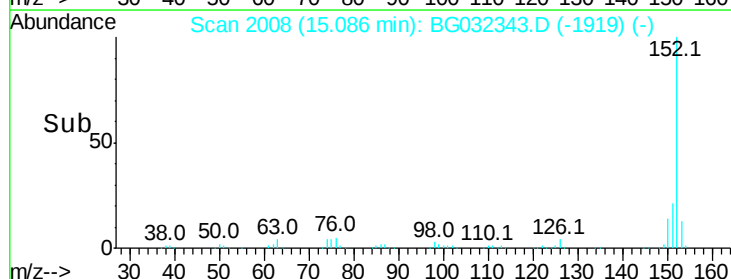
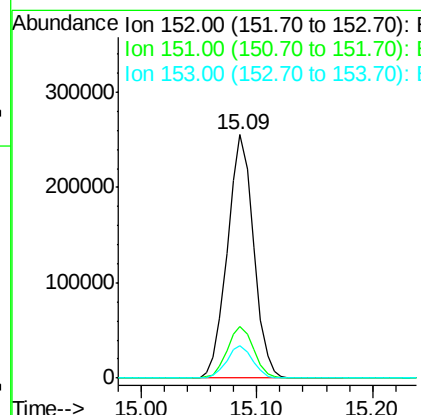
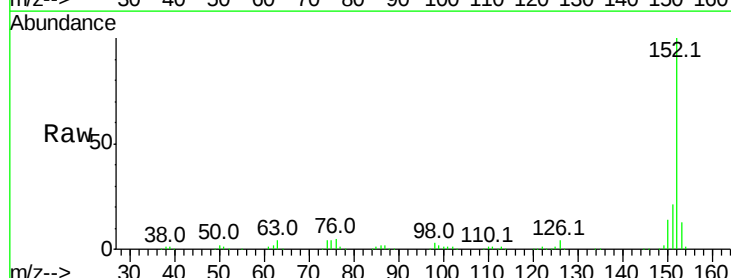
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#48  
Acenaphthylene  
Concen: 38.893 ng  
RT: 15.09 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Tgt Ion:152 Resp: 401120  
Ion Ratio Lower Upper  
152 100  
151 21.0 17.2 25.8  
153 13.4 10.2 15.4





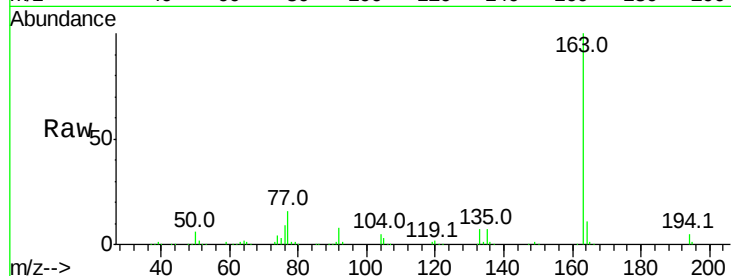
#49  
Dimethylphthalate  
Concen: 41.170 ng  
RT: 14.79 min Scan# 1957  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

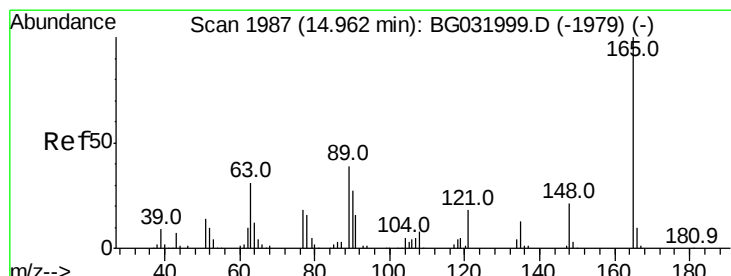
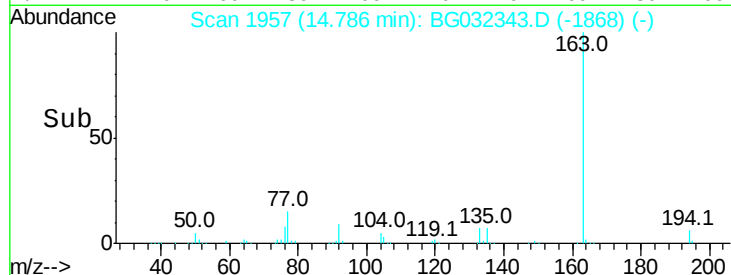
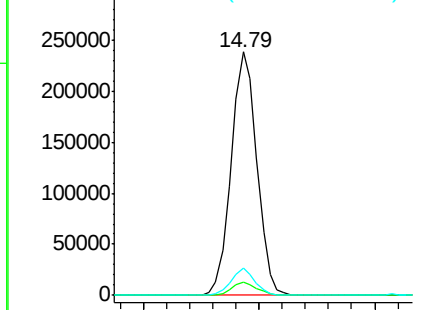
Tot Ion:163 Resp: 365872  
Ion Ratio Lower Upper  
163 100  
194 5.4 3.4 5.2#  
164 11.0 8.2 12.4

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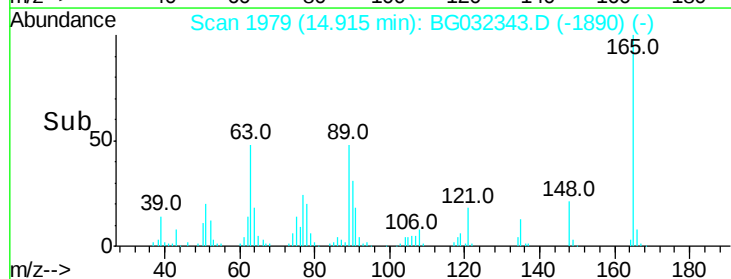
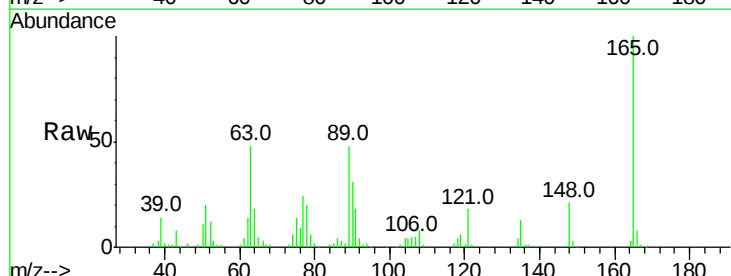
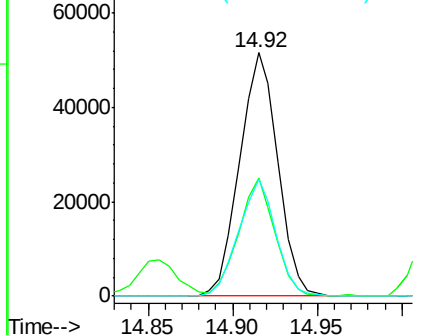
Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

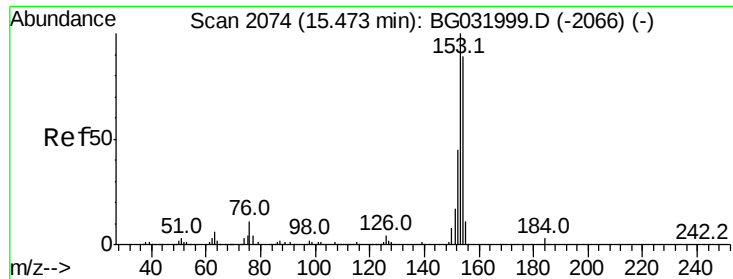


#50  
2,6-Dinitrotoluene  
Concen: 43.794 ng  
RT: 14.92 min Scan# 1979  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Tgt Ion:165 Resp: 80783  
Ion Ratio Lower Upper  
165 100  
63 48.3 52.7 79.1#  
89 48.0 49.2 73.8#

Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 46.947 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

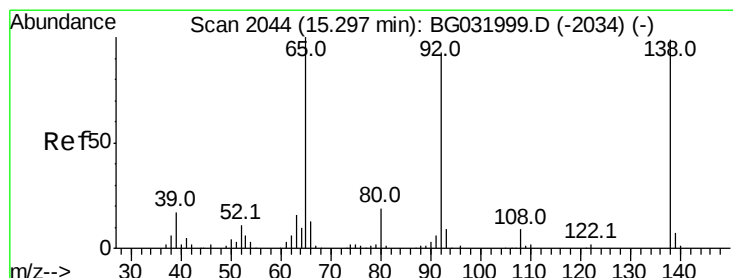
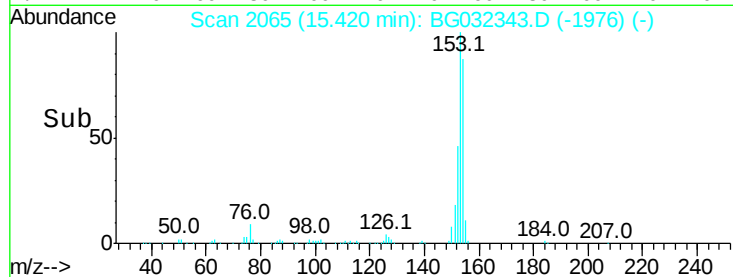
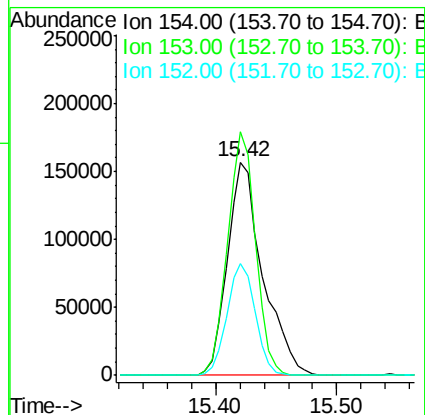
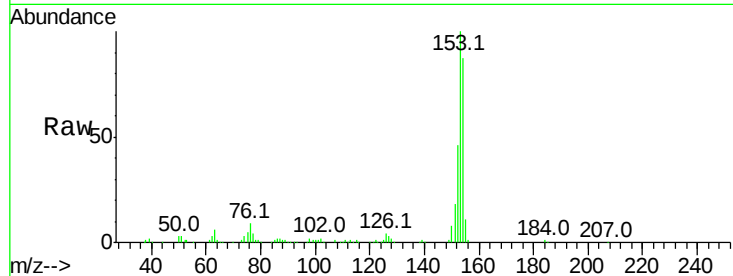
ClientSampleId :

PB105951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 320164 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.4 | 90.4  | 135.6  |
| 152       | 52.7  | 41.6  | 62.4   |

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#52

3-Nitroaniline

Concen: 23.623 ng

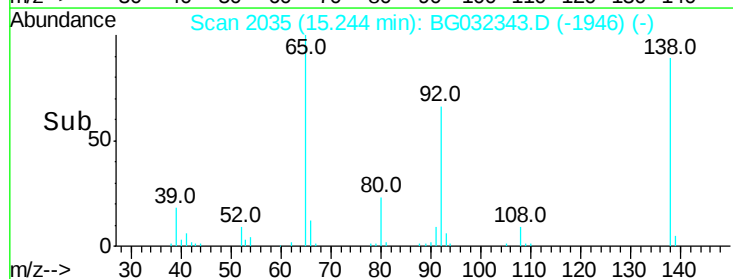
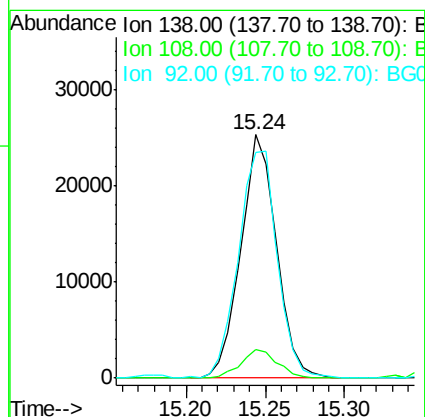
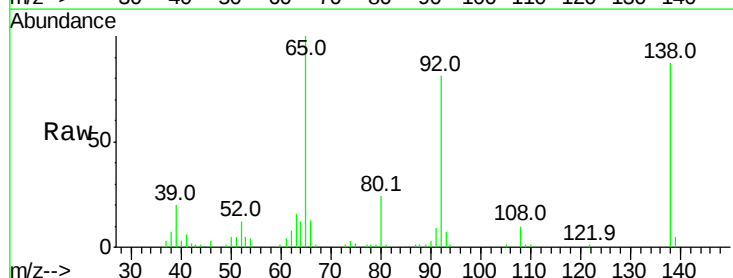
RT: 15.24 min Scan# 2035

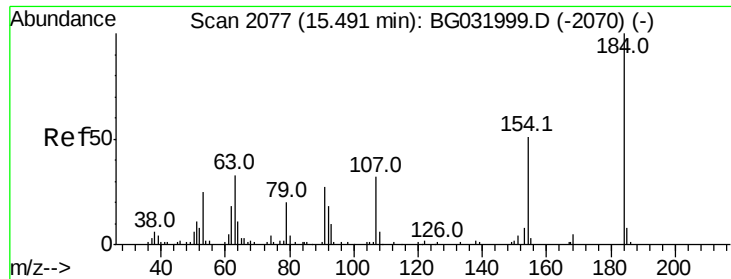
Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 39356  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.9  | 17.5  | 26.3#  |
| 92        | 92.6  | 105.8 | 158.8# |





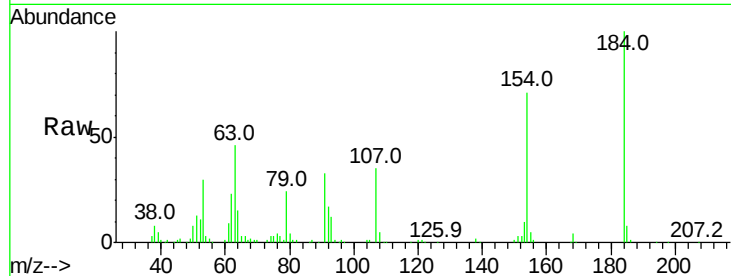
#53  
 2,4-Dinitrophenol  
 Concen: 112.724 ng  
 RT: 15.45 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB105951BS

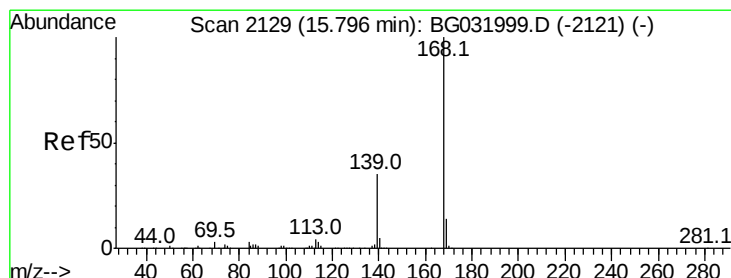
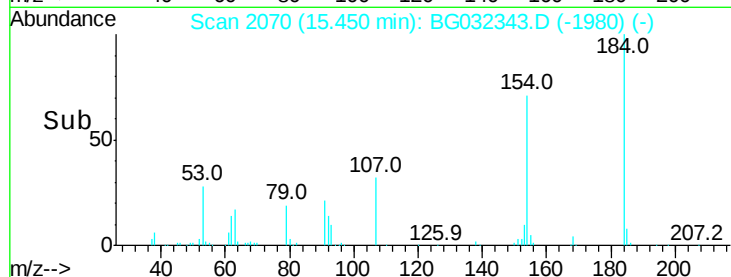
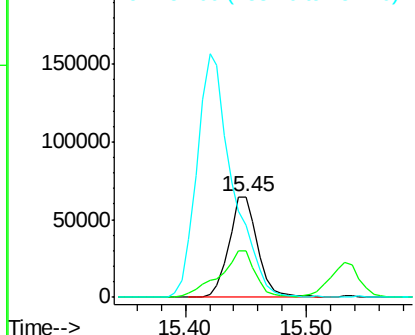
| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 184     | 100   |       |        |       |
| 63      | 46.5  | 59.8  | 89.8#  |       |
| 154     | 71.2  | 101.8 | 152.8# |       |

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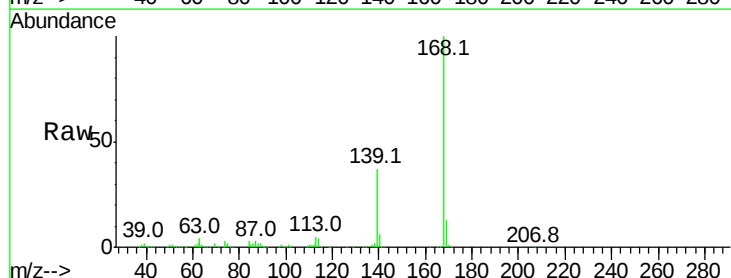


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BGO  
 Ion 154.00 (153.70 to 154.70): E

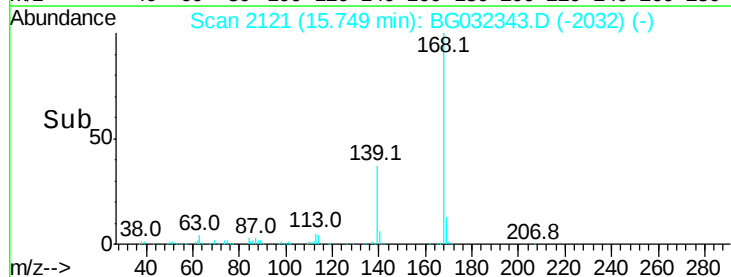
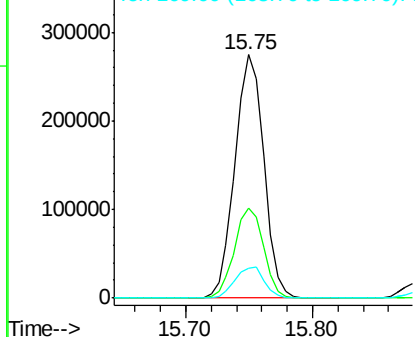


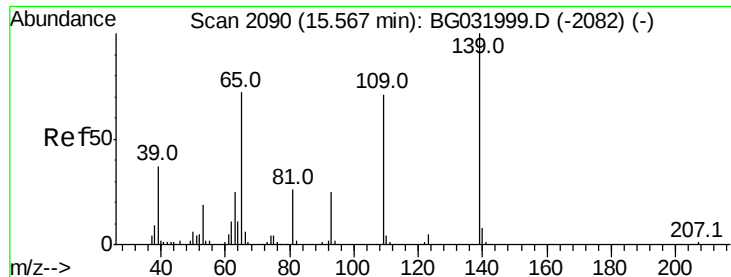
#54  
 Dibenzofuran  
 Concen: 42.575 ng  
 RT: 15.75 min Scan# 2121  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 37.2  | 28.6 | 43.0  |       |
| 169     | 12.5  | 11.2 | 16.8  |       |



Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 169.00 (168.70 to 169.70): E





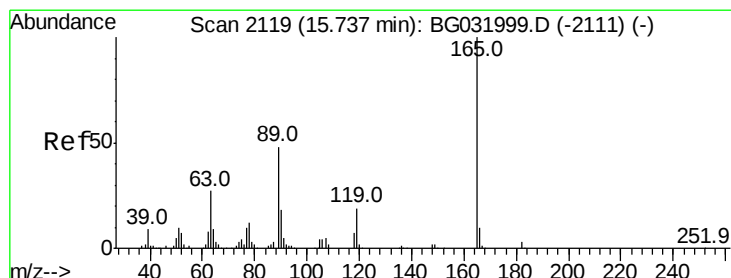
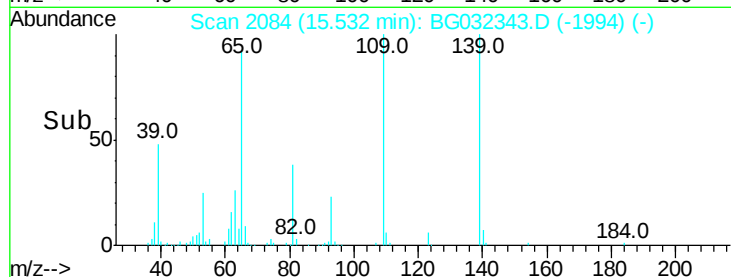
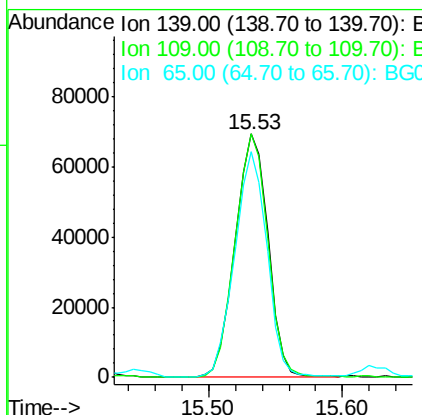
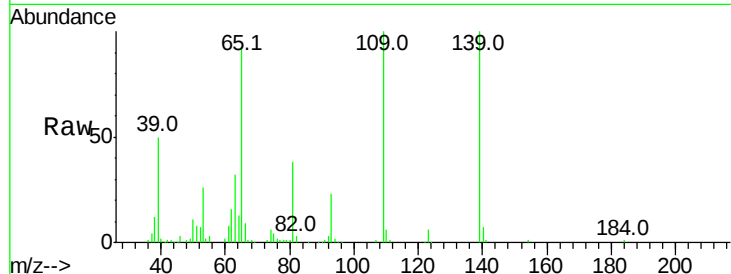
#55  
4-Nitrophenol  
Concen: 97.972 ng  
RT: 15.53 min Scan# 2084  
Delta R.T. -0.00 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 100.0 | 62.2 | 102.2 |       |
| 65      | 92.8  | 97.2 | 137.2 |       |

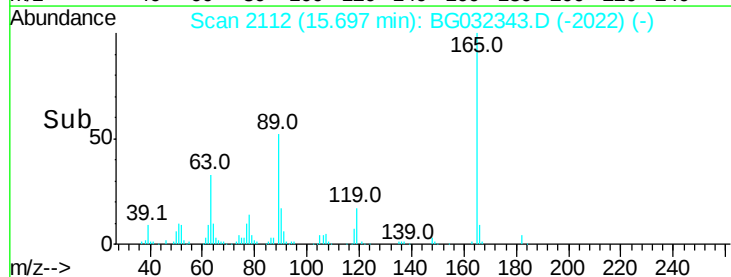
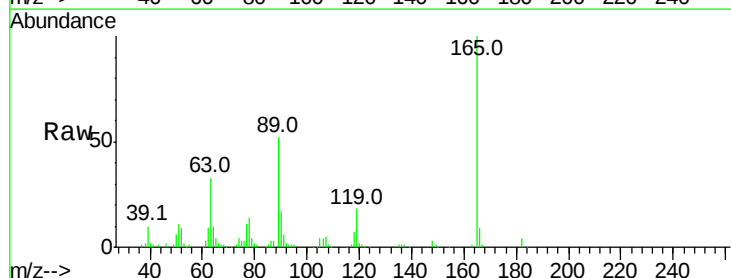
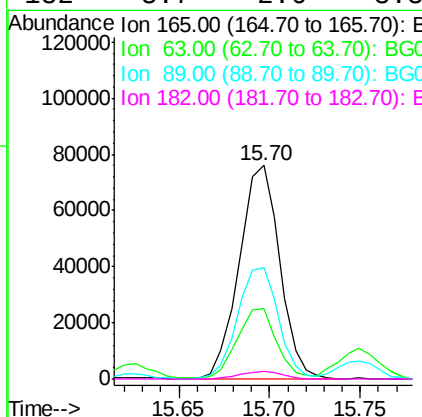
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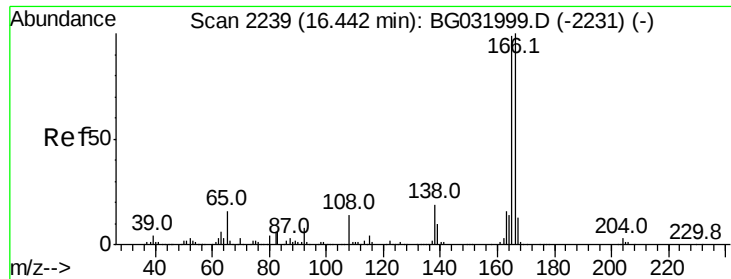
Sohil  
1/27/2018 1:50:18 PM



#56  
2,4-Dinitrotoluene  
Concen: 47.713 ng  
RT: 15.70 min Scan# 2112  
Delta R.T. -0.00 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 33.1  | 42.0 | 63.0  |       |
| 89      | 52.2  | 66.9 | 100.3 |       |
| 182     | 3.7   | 2.6  | 3.8   |       |





#57

Fluorene

Concen: 41.759 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

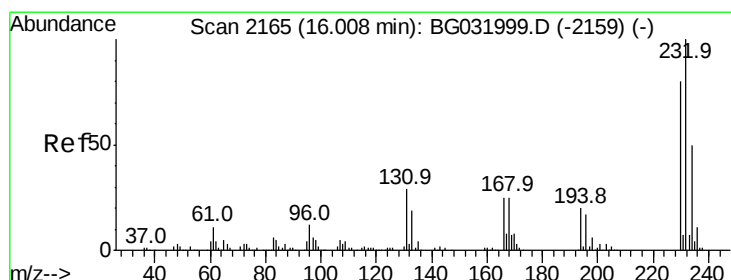
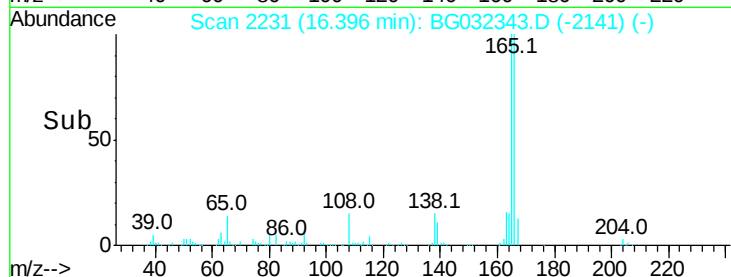
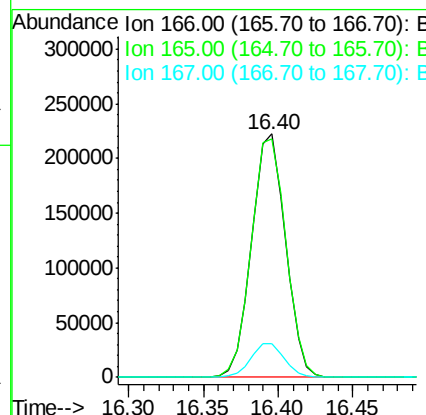
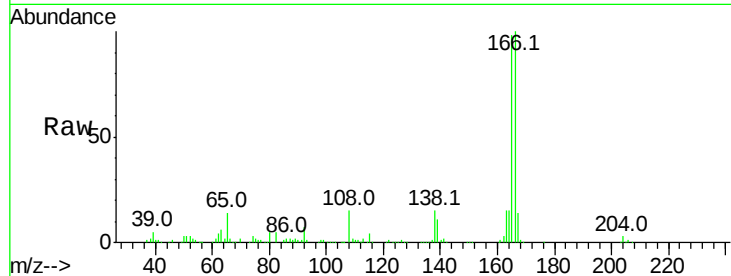
ClientSampleId :

PB105951BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 348420 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.8  | 80.6  | 121.0  |
| 167       | 13.9  | 10.4  | 15.6   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.597 ng

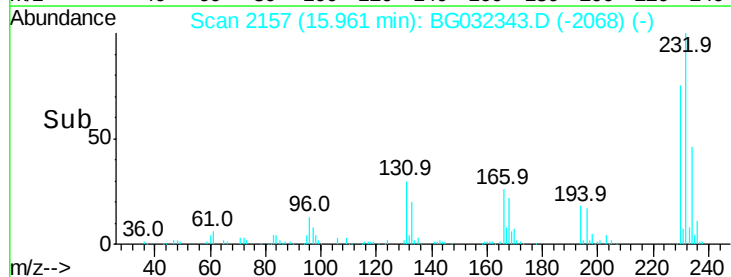
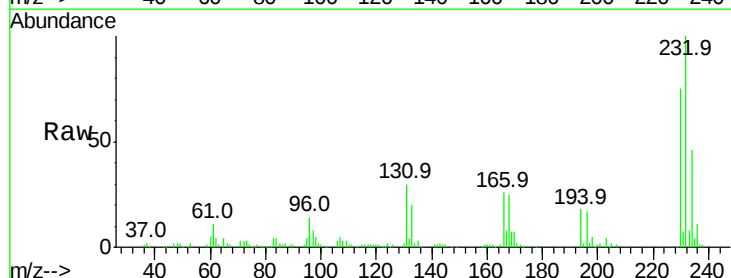
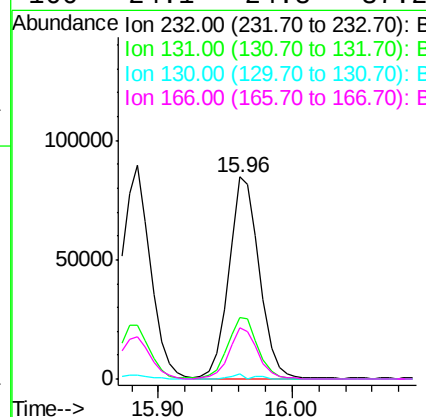
RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 134759 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 29.9  | 33.5  | 50.3#  |
| 130       | 1.6   | 2.2   | 3.2#   |
| 166       | 24.1  | 24.8  | 37.2#  |





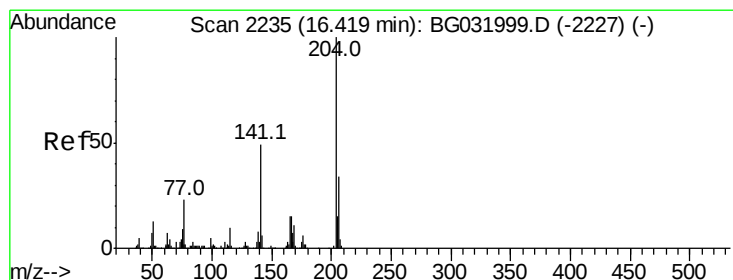
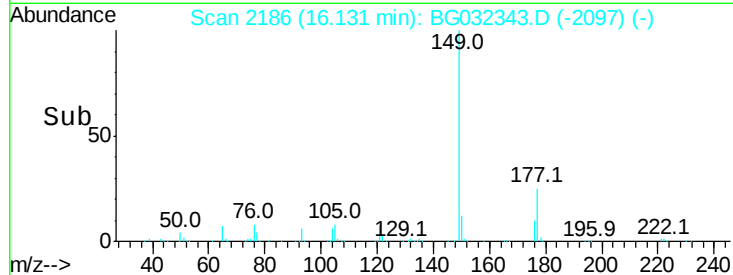
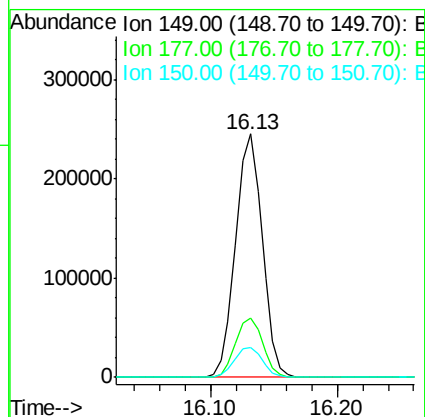
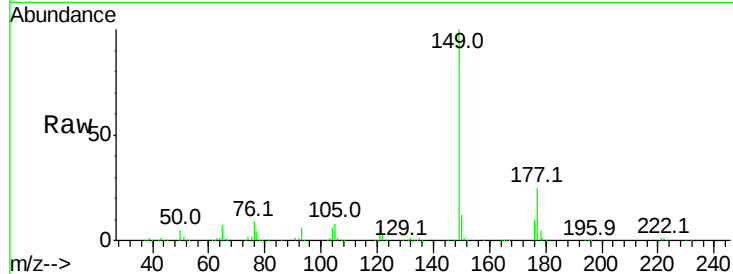
#59  
Diethylphthalate  
Concen: 41.347 ng  
RT: 16.13 min Scan# 2186  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.6  | 18.5  | 27.7  |
| 150     | 12.3  | 10.2  | 15.2  |

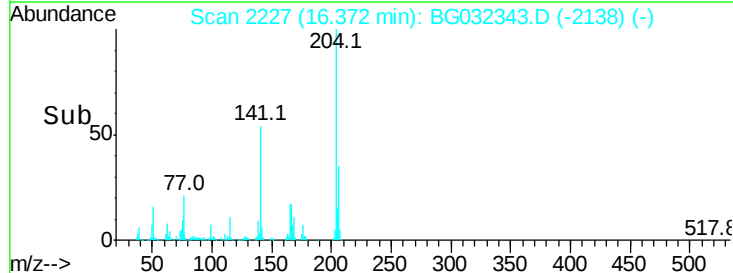
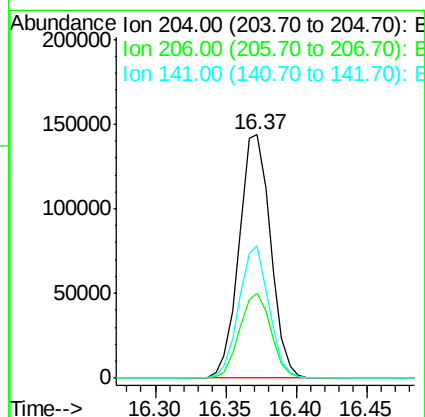
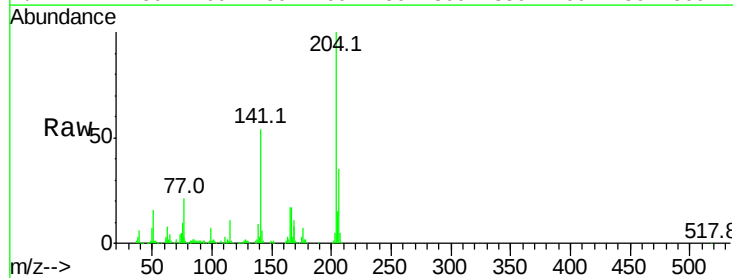
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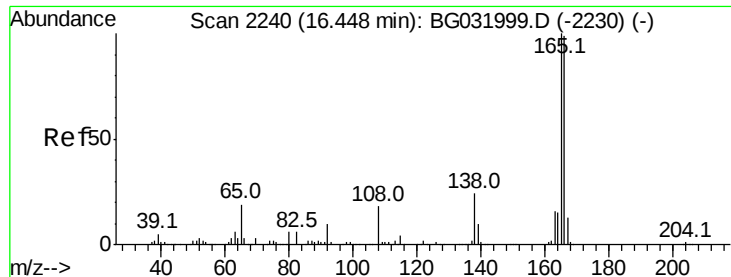
Sohil  
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#60  
4-Chlorophenyl-phenylether  
Concen: 43.797 ng  
RT: 16.37 min Scan# 2227  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.1  | 26.2  | 39.2  |
| 141     | 54.1  | 45.8  | 68.6  |





#61

4-Nitroaniline

Concen: 41.443 ng

RT: 16.40 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

ClientSampleId :

PB105951BS

Tot Ion:138 Resp: 66232

Ion Ratio Lower Upper

138 100

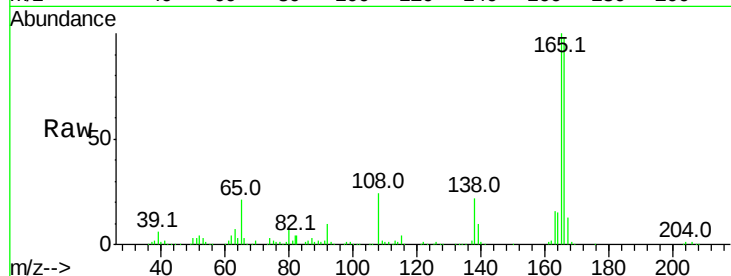
92 46.4 40.1 80.1

108 108.6 65.4 105.4#

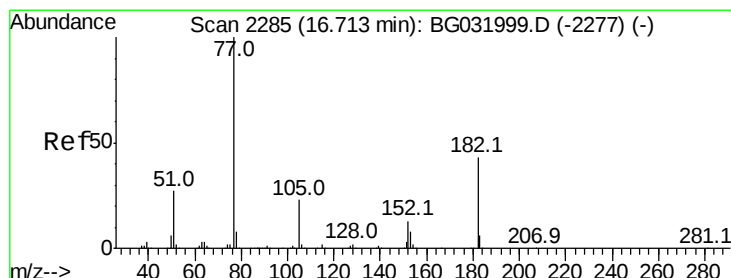
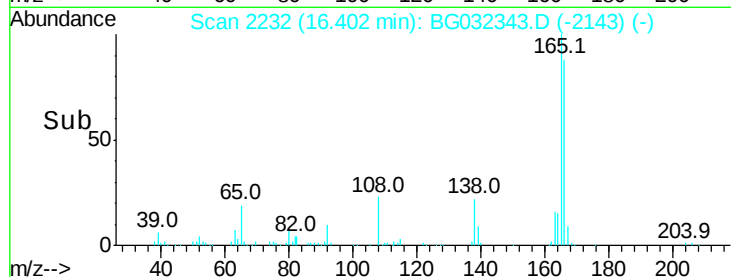
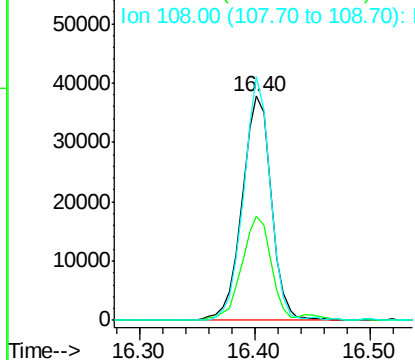
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Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.191 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Tgt Ion: 77 Resp: 227515

Ion Ratio Lower Upper

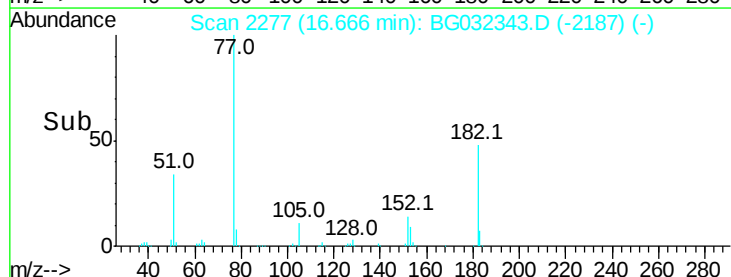
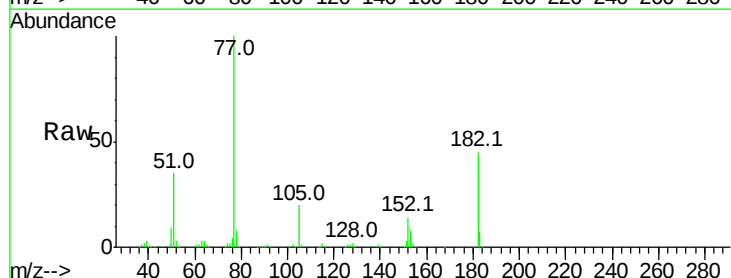
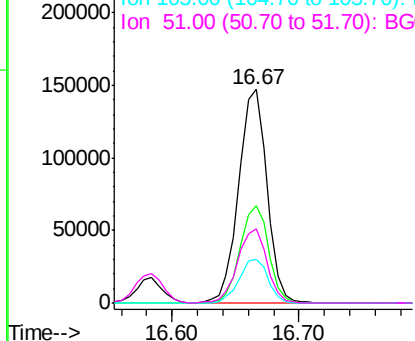
77 100

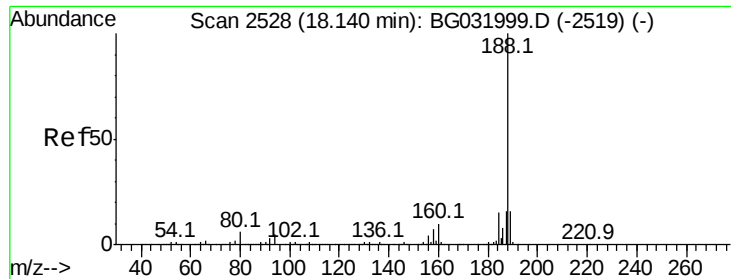
182 45.5 7.4 47.4

105 20.2 0.3 40.3

51 34.9 11.6 51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC





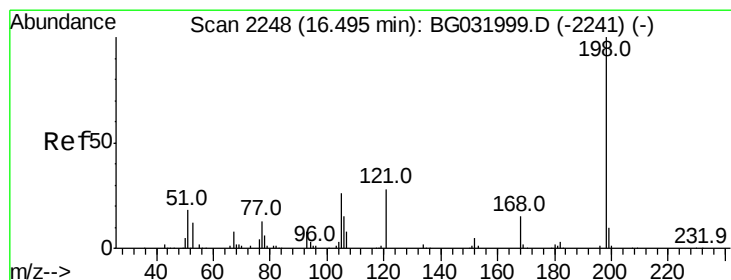
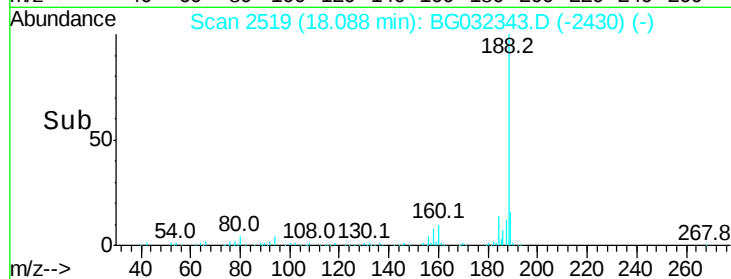
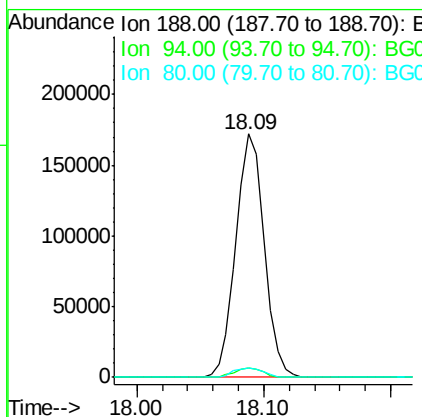
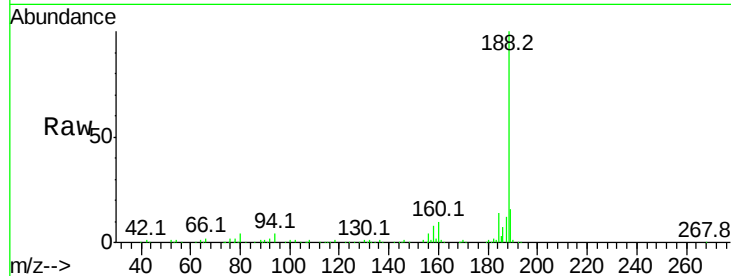
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 18.09 min Scan# 2519  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 267047 |       |       |
| 94      | 4.0   | 6.9    | 10.3# |       |
| 80      | 4.0   | 7.7    | 11.5# |       |

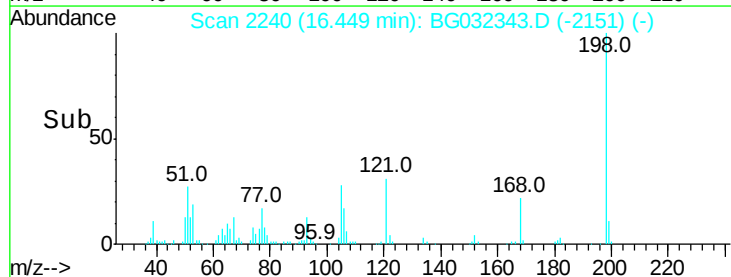
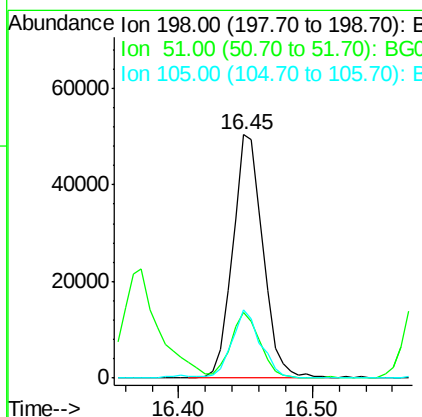
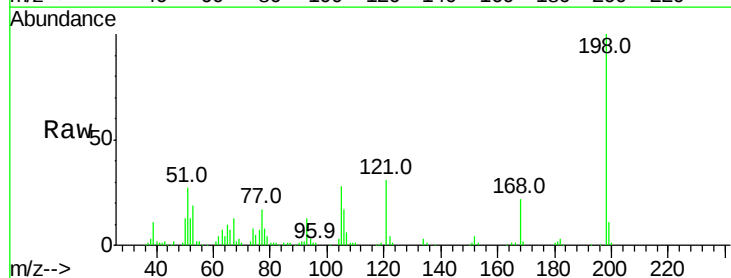
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 1/27/2018 1:50:18 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 46.439 ng  
 RT: 16.45 min Scan# 2240  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 79076 |       |       |
| 51      | 26.9  | 30.6  | 70.6# |       |
| 105     | 27.9  | 23.8  | 63.8  |       |





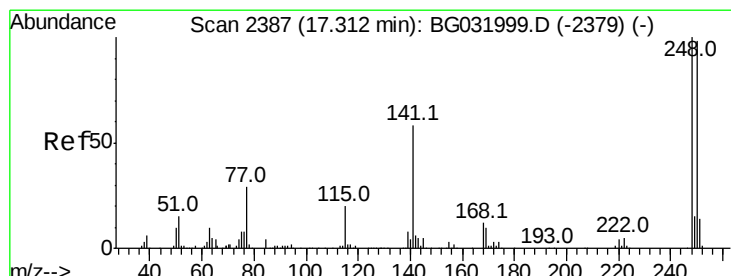
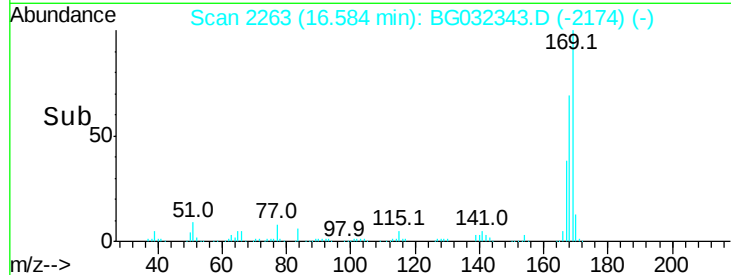
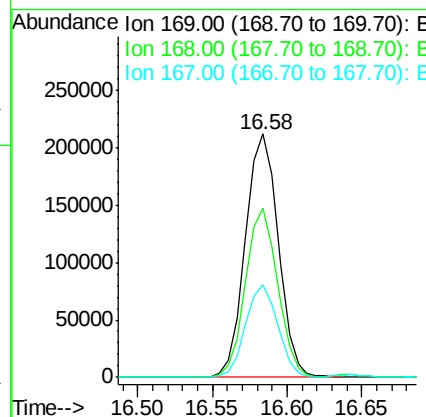
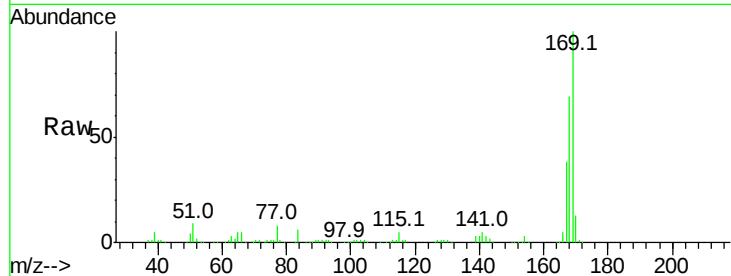
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.002 ng  
 RT: 16.58 min Scan# 2263  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.5  | 55.7  | 83.5  |
| 167     | 37.9  | 30.1  | 45.1  |

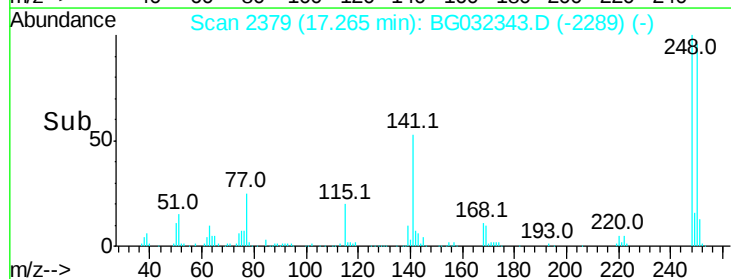
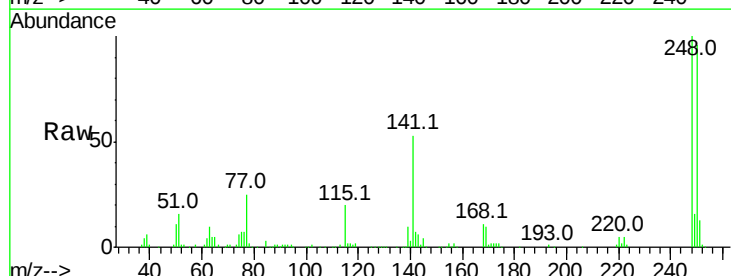
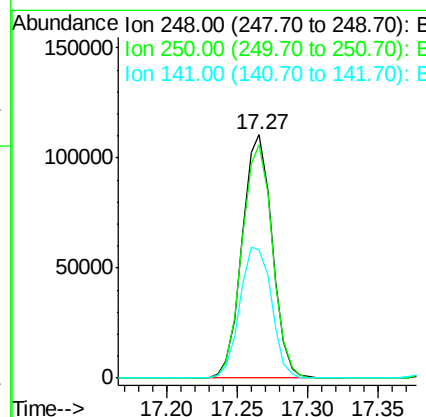
Manual Integrations  
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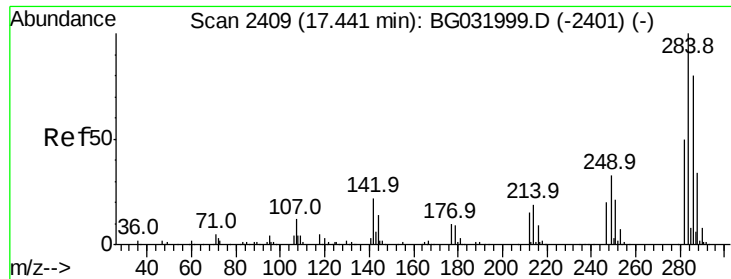
Sohil  
 1/27/2018 1:50:18 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 43.219 ng  
 RT: 17.27 min Scan# 2379  
 Delta R.T. -0.00 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.0  | 77.1  | 115.7 |
| 141     | 53.0  | 50.8  | 76.2  |





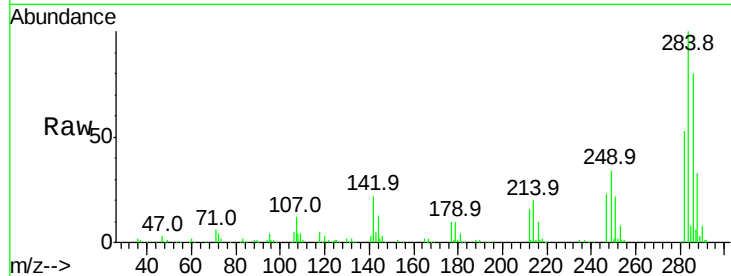
#67  
Hexachlorobenzene  
Concen: 40.653 ng  
RT: 17.39 min Scan# 2401  
Delta R.T. -0.00 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampled :  
PB105951BS

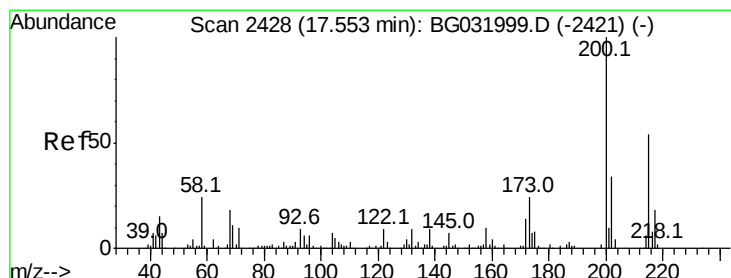
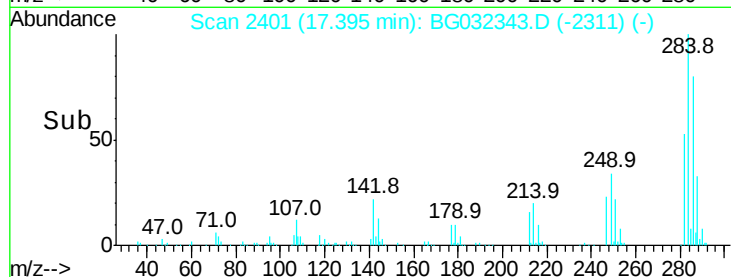
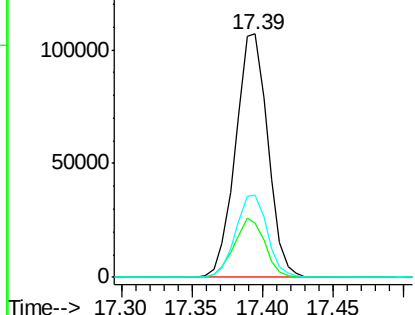
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 22.5  | 26.8 | 40.2# |       |
| 249     | 33.8  | 26.3 | 39.5  |       |

Manual Integrations  
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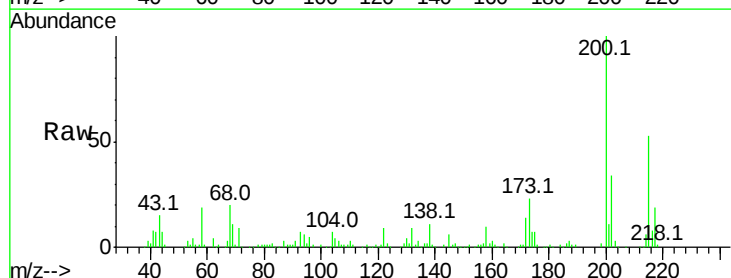


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

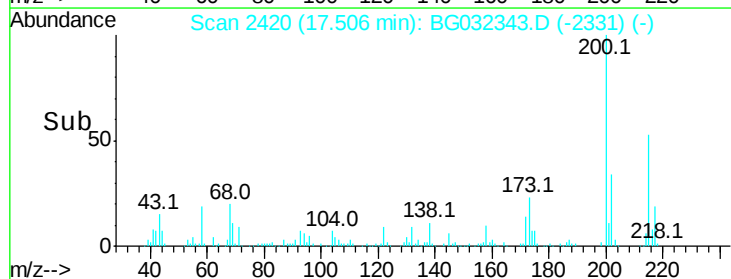
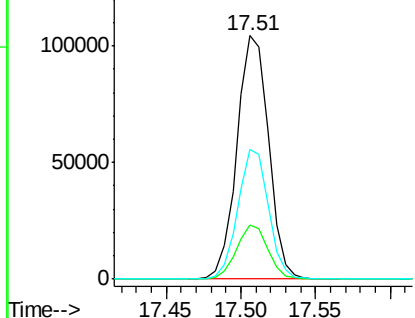


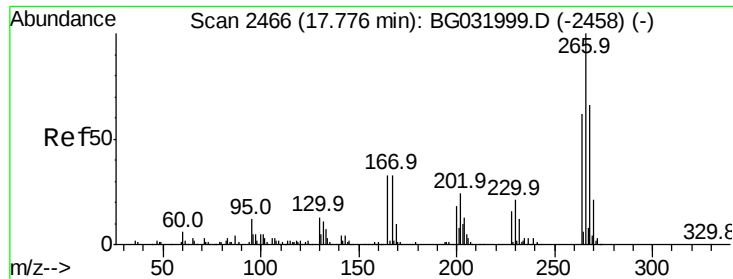
#68  
Atrazine  
Concen: 45.092 ng  
RT: 17.51 min Scan# 2420  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 22.5  | 5.2  | 45.2  |       |
| 215     | 53.3  | 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





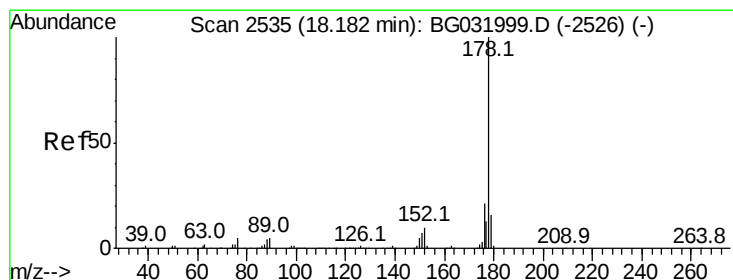
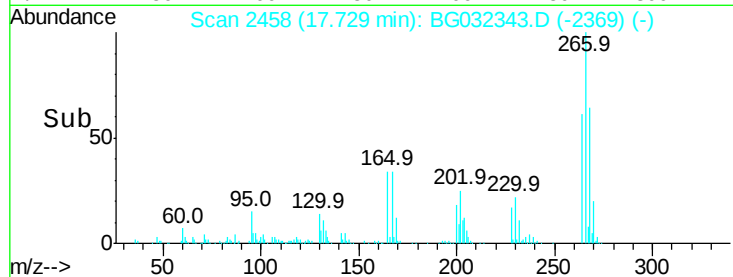
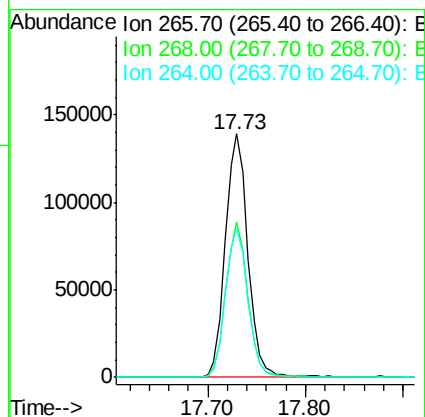
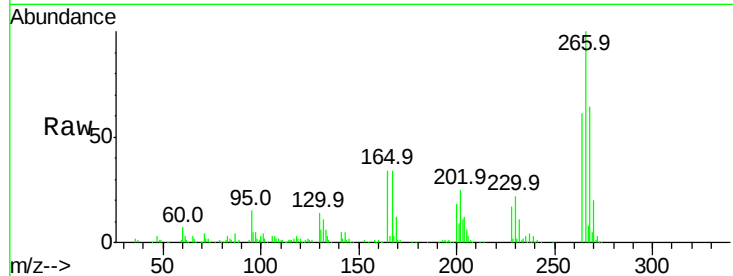
#69  
 Pentachlorophenol  
 Concen: 83.021 ng  
 RT: 17.73 min Scan# 2458  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 223072 |       |       |
| 268     | 63.8  | 51.1   | 76.7  |       |
| 264     | 61.0  | 49.6   | 74.4  |       |

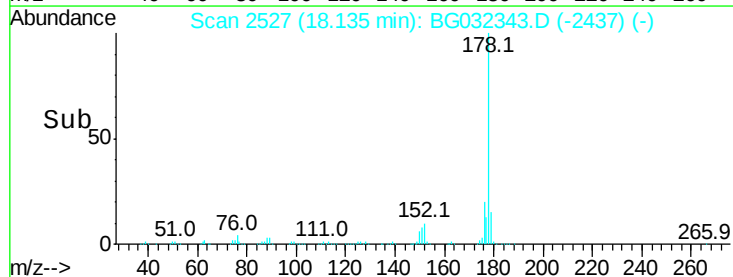
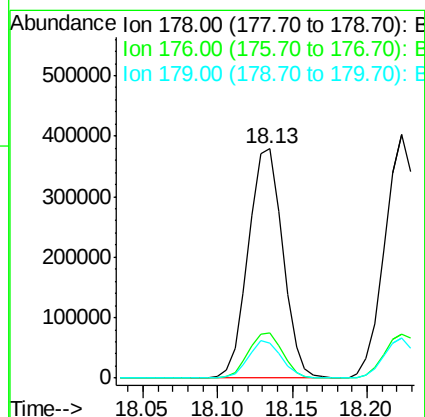
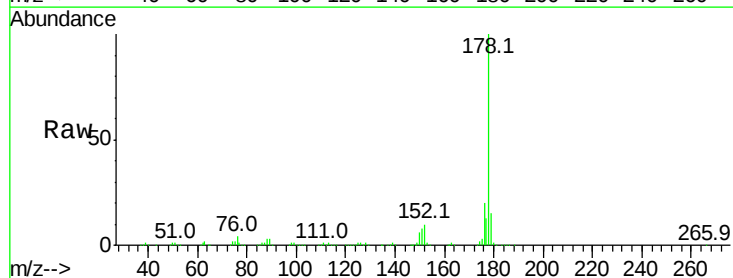
Manual Integrations  
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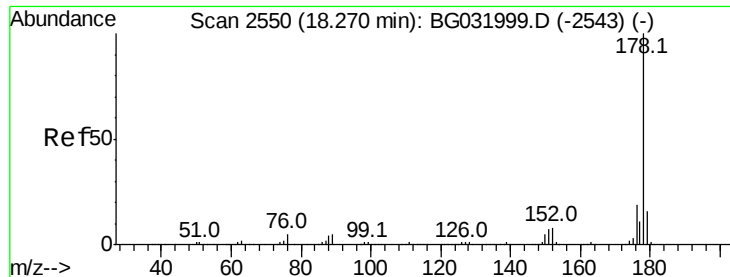
Sohil  
 1/27/2018 1:50:18 PM



#70  
 Phenanthrene  
 Concen: 40.706 ng  
 RT: 18.13 min Scan# 2527  
 Delta R.T. -0.00 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 605218 |       |       |
| 176     | 19.8  | 15.7   | 23.5  |       |
| 179     | 15.4  | 12.5   | 18.7  |       |





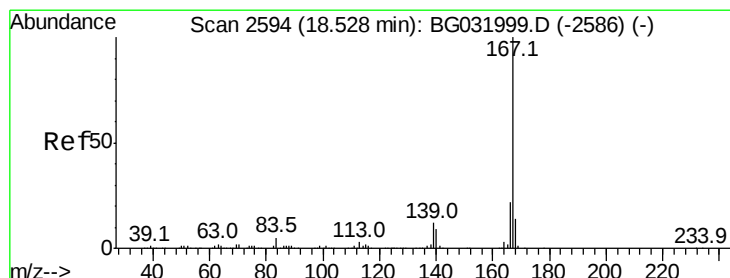
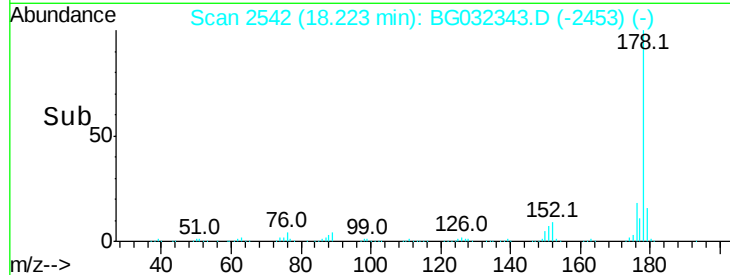
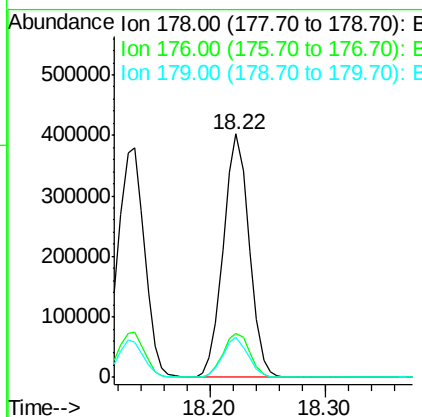
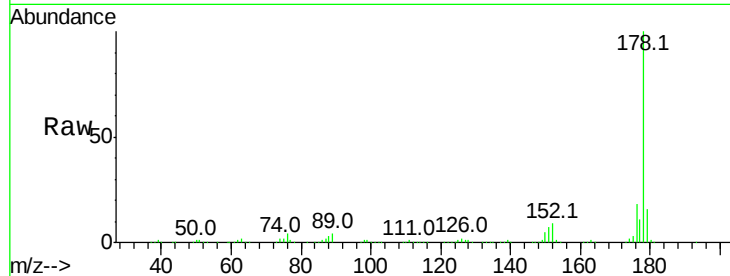
#71  
 Anthracene  
 Concen: 42.049 ng  
 RT: 18.22 min Scan# 2542  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 16.0  | 24.0  |
| 179     | 16.3  | 12.5  | 18.7  |

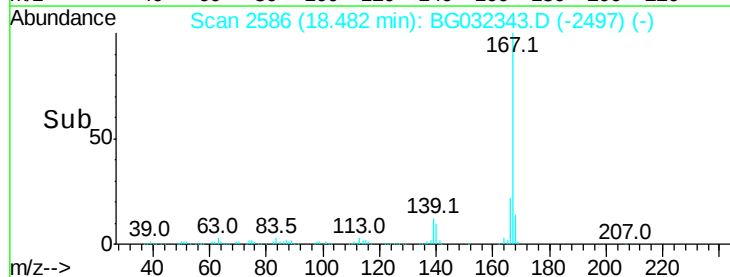
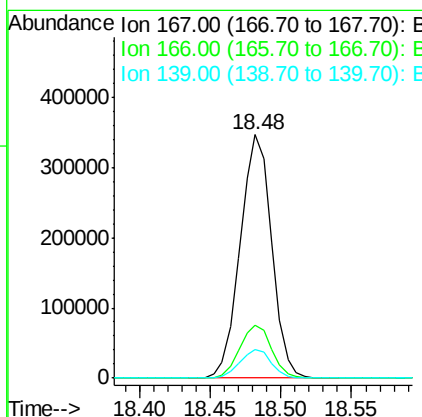
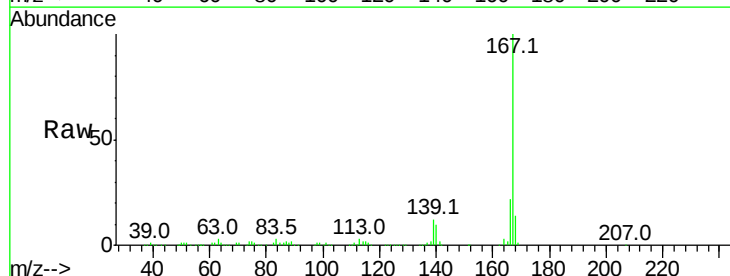
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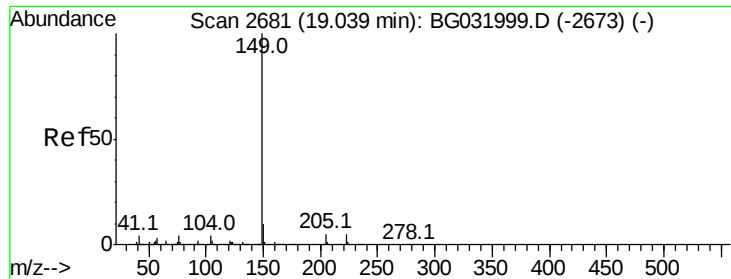
Sohil  
 1/27/2018 1:50:18 PM



#72  
 Carbazole  
 Concen: 42.006 ng  
 RT: 18.48 min Scan# 2586  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 18.2  | 27.4  |
| 139     | 11.8  | 9.4   | 14.2  |





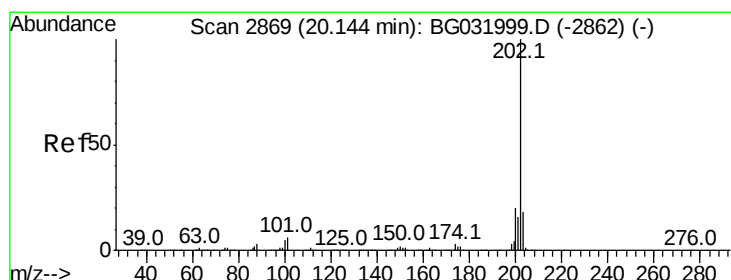
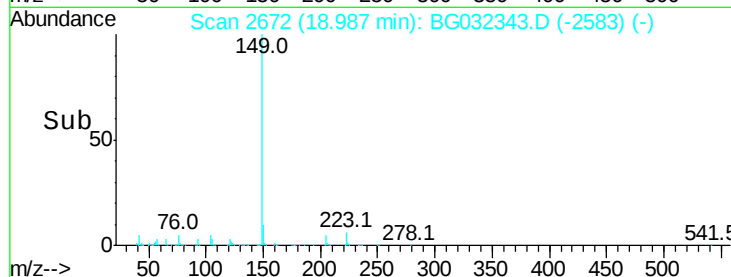
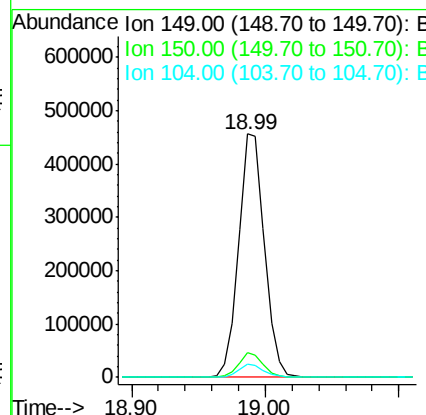
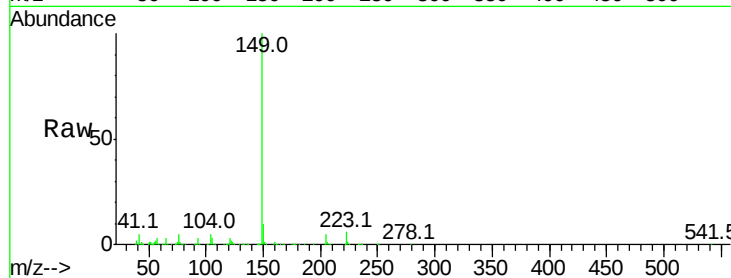
#73  
Di-n-butylphthalate  
Concen: 40.265 ng  
RT: 18.99 min Scan# 2672  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 7.8   | 11.6  |
| 104     | 5.5   | 3.9   | 5.9   |

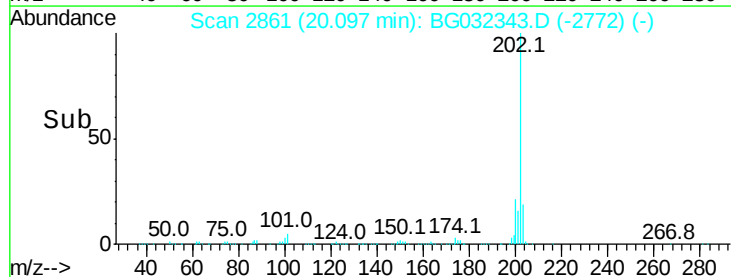
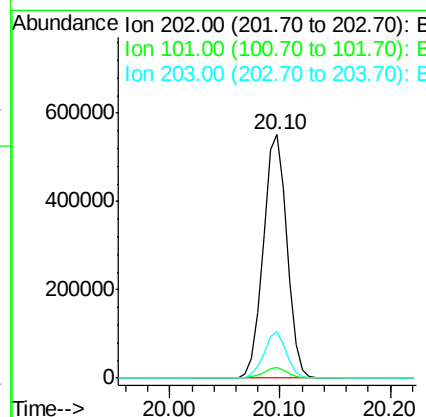
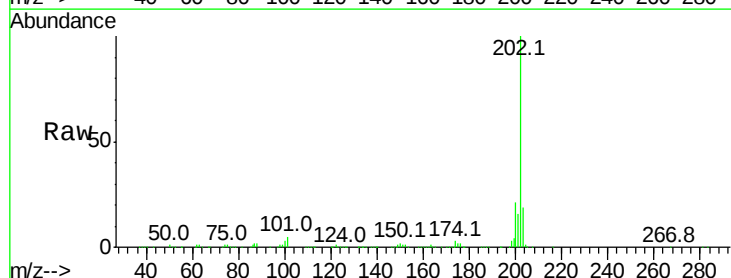
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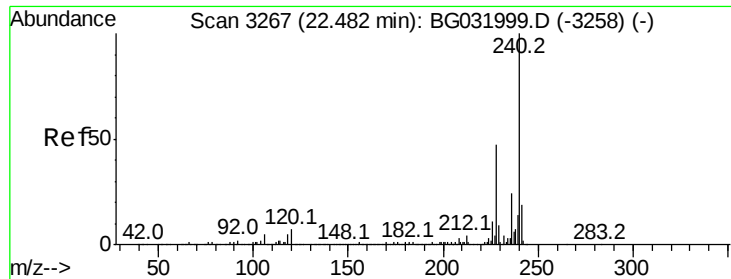
Sohil  
1/27/2018 1:50:18 PM



#74  
Fluoranthene  
Concen: 44.599 ng  
RT: 20.10 min Scan# 2861  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 4.5   | 0.0   | 28.9  |
| 203     | 19.3  | 0.0   | 37.5  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

ClientSampled :

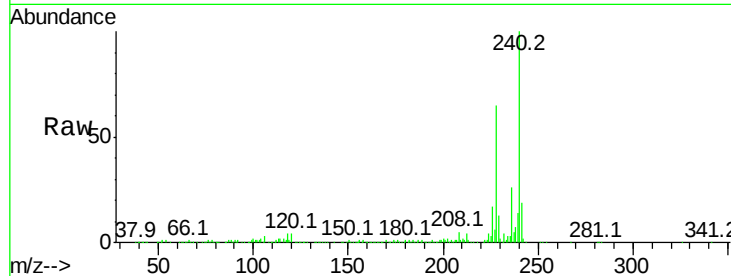
PB105951BS

Tot Ion:240 Resp: 342317  
Ion Ratio Lower Upper

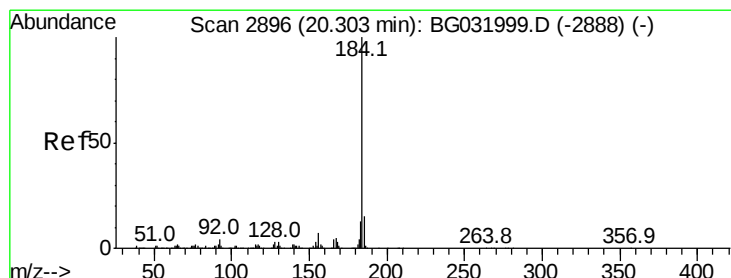
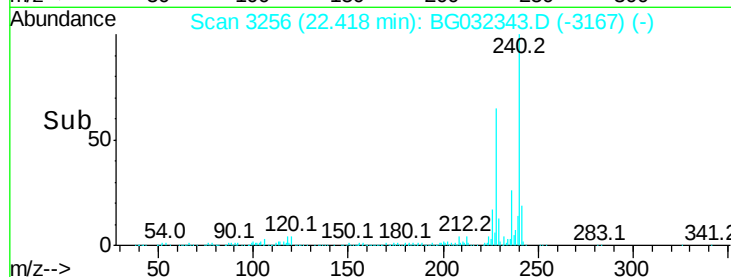
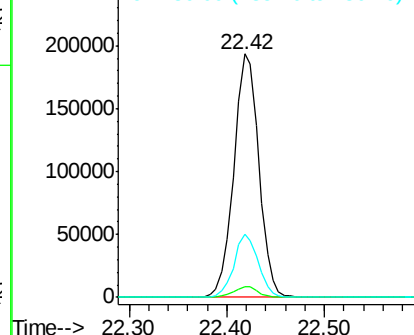
|     |      |      |       |
|-----|------|------|-------|
| 240 | 100  |      |       |
| 120 | 4.2  | 6.8  | 10.2# |
| 236 | 25.7 | 20.9 | 31.3  |

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



#76

Benzidine

Concen: 24.382 ng

RT: 20.26 min Scan# 2888

Delta R.T. -0.01 min

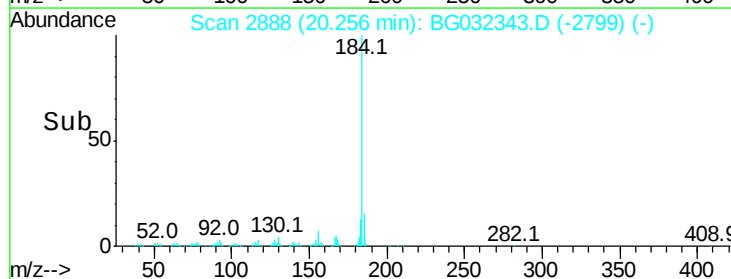
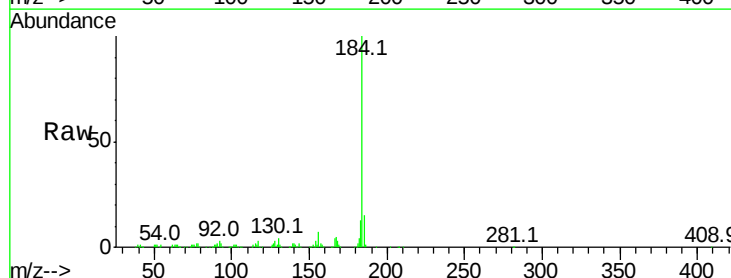
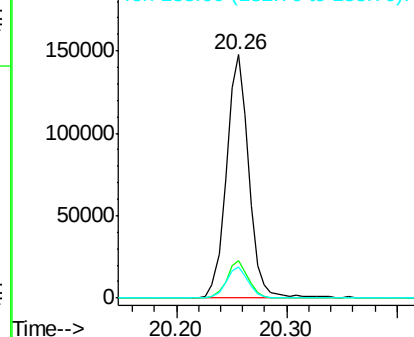
Lab File: BG032343.D

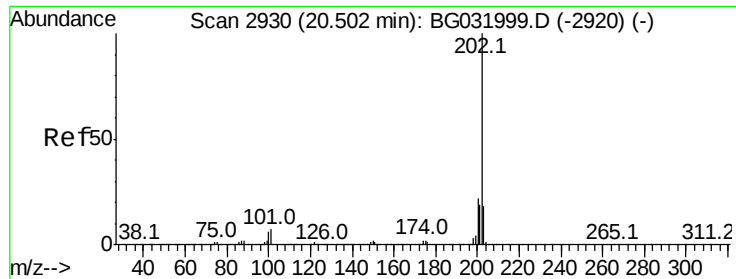
Acq: 27 Jan 2018 00:22

Tgt Ion:184 Resp: 208711  
Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 184 | 100  |      |      |
| 185 | 15.2 | 11.1 | 16.7 |
| 183 | 12.6 | 10.6 | 16.0 |

Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.810 ng

RT: 20.46 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

Instrument :

BNA\_G

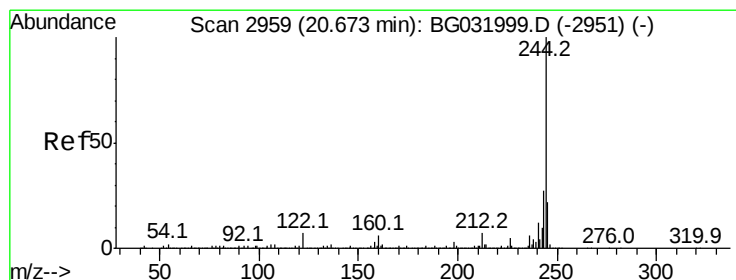
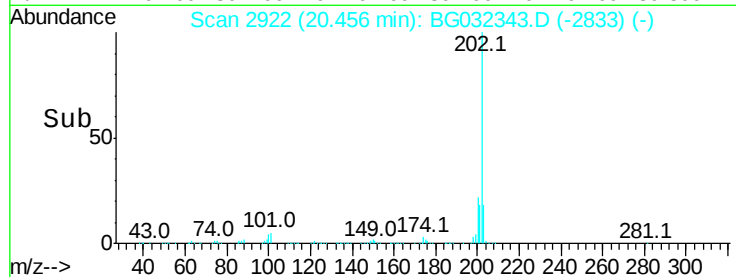
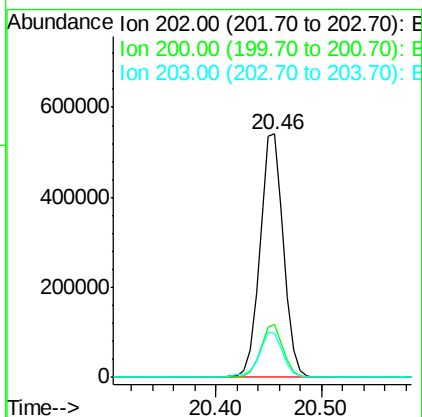
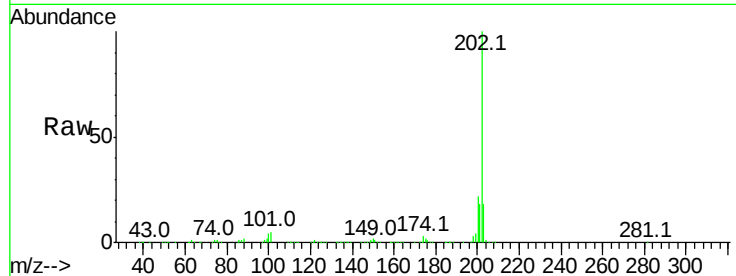
ClientSampleId :

PB105951BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 835173 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.8 | 16.9  | 25.3   |
| 203       | 17.9 | 13.9  | 20.9   |

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#78

Terphenyl-d14

Concen: 86.694 ng

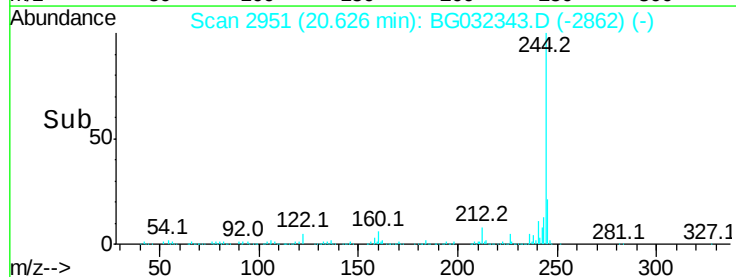
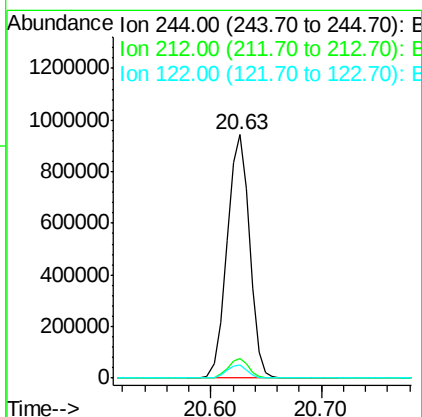
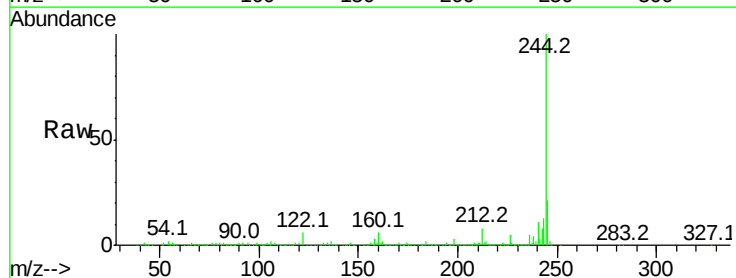
RT: 20.63 min Scan# 2951

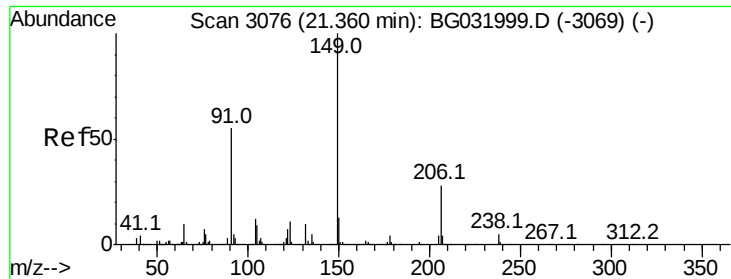
Delta R.T. -0.01 min

Lab File: BG032343.D

Acq: 27 Jan 2018 00:22

|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 244 | Resp: | 1344040 |
| Ion Ratio |     | Lower | Upper   |
| 244       | 100 |       |         |
| 212       | 7.8 | 5.8   | 8.8     |
| 122       | 5.6 | 7.0   | 10.4#   |





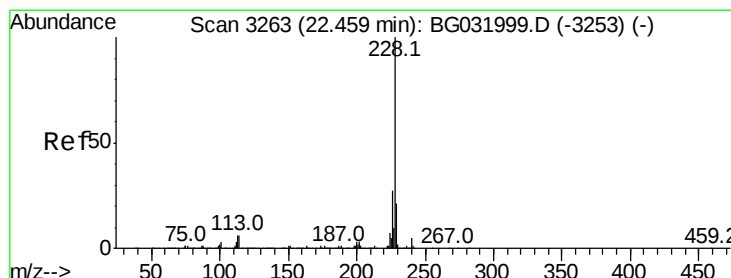
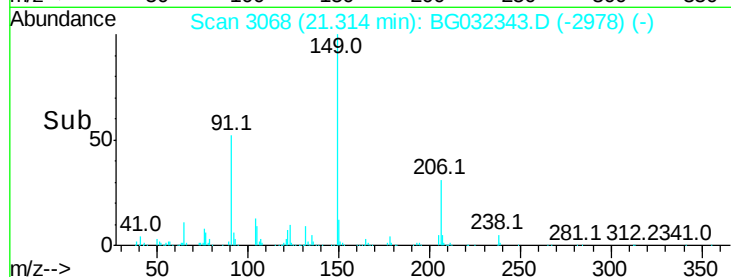
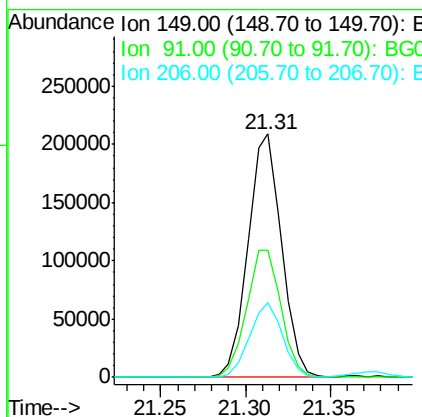
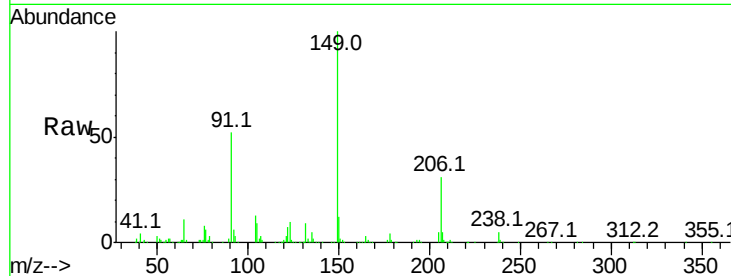
#79  
Butylbenzylphthalate  
Concen: 37.452 ng  
RT: 21.31 min Scan# 3068  
Delta R.T. -0.00 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampled :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 52.2  | 62.2  | 93.2# |
| 206     | 30.5  | 18.6  | 27.8# |

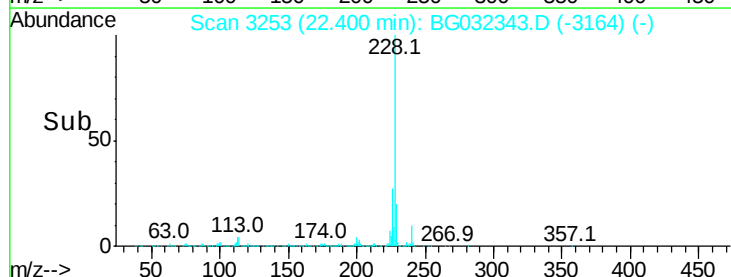
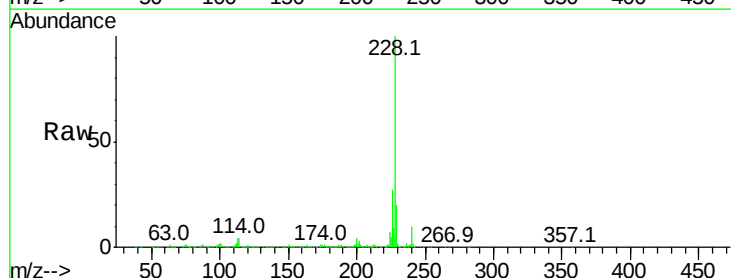
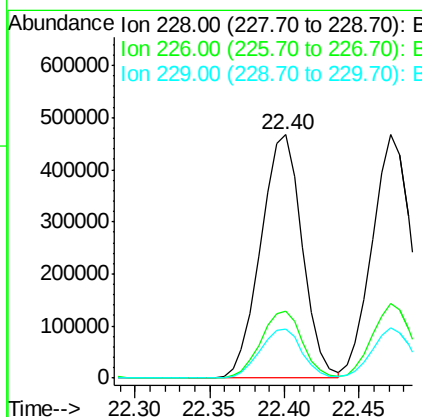
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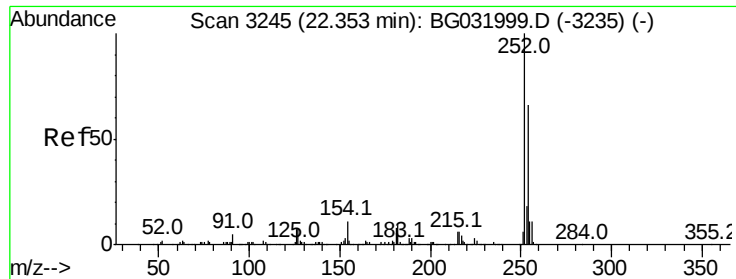
Sohil  
1/27/2018 1:50:18 PM



#80  
Benzo(a)anthracene  
Concen: 42.335 ng  
RT: 22.40 min Scan# 3253  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.4  | 22.7  | 34.1  |
| 229     | 19.9  | 16.2  | 24.2  |





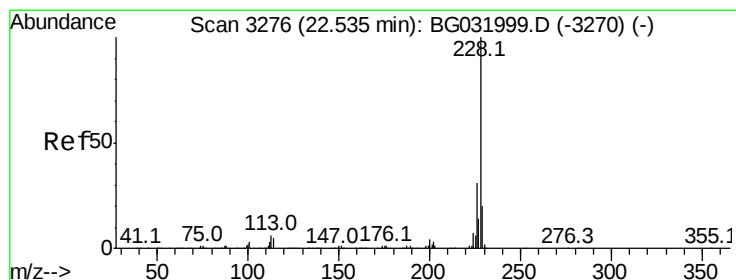
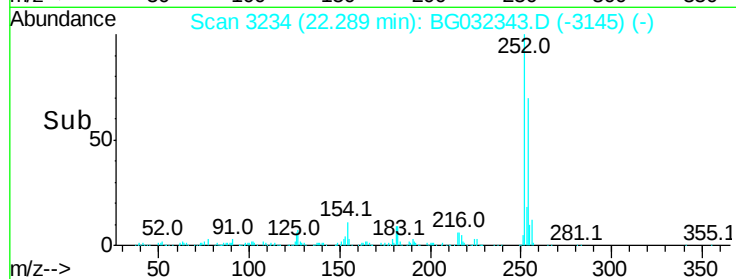
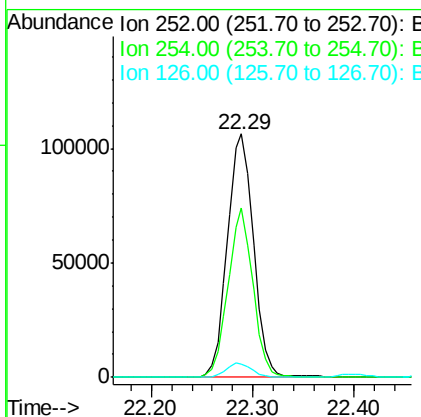
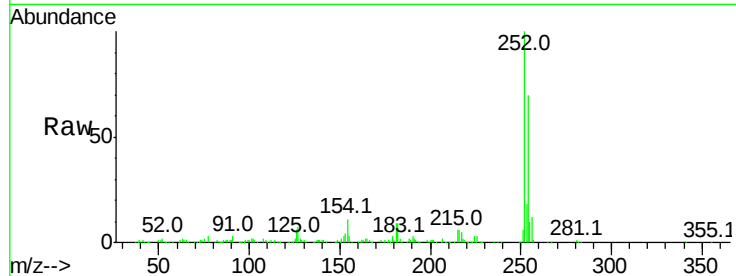
#81  
 3,3'-Dichlorobenzidine  
 Concen: 24.034 ng  
 RT: 22.29 min Scan# 3234  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 69.7  | 50.8       | 76.2  |
| 126     | 5.7   | 7.4        | 11.2# |

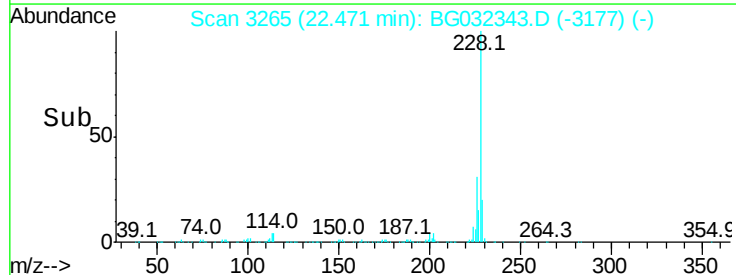
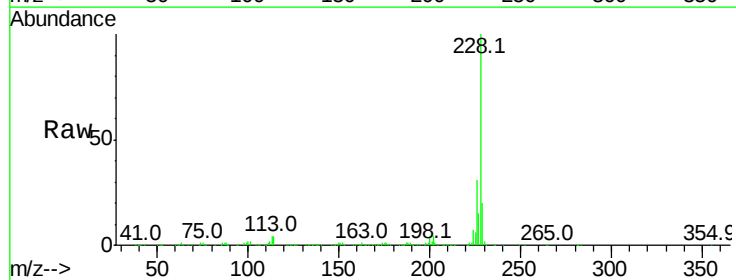
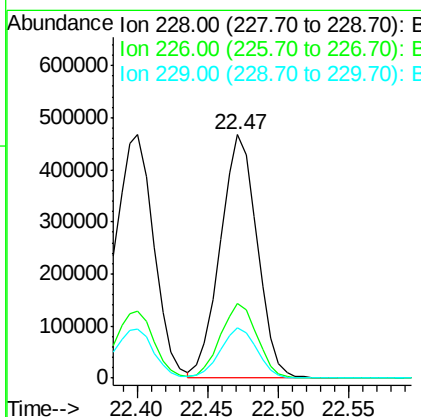
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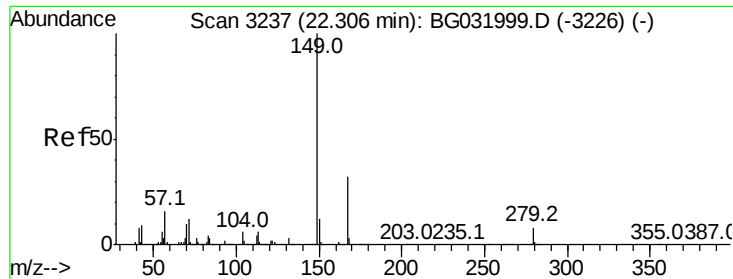
Sohil  
 1/27/2018 1:50:18 PM



#82  
 Chrysene  
 Concen: 41.339 ng  
 RT: 22.47 min Scan# 3265  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.8  | 24.9       | 37.3  |
| 229     | 20.5  | 15.0       | 22.4  |





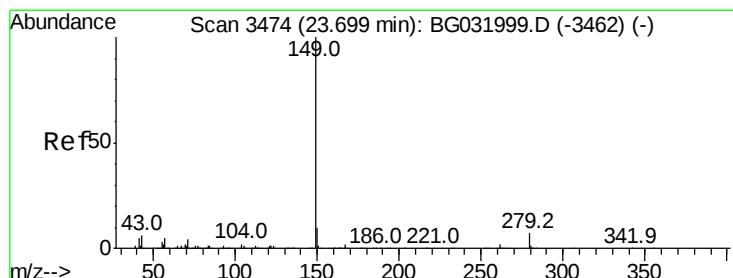
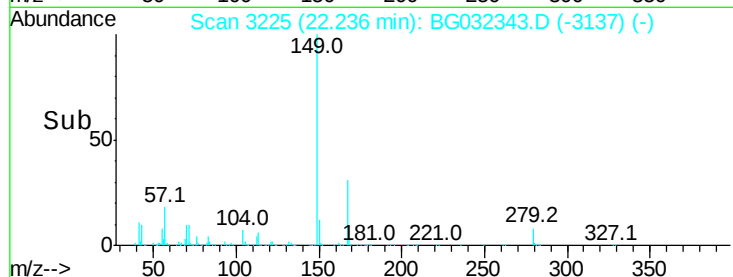
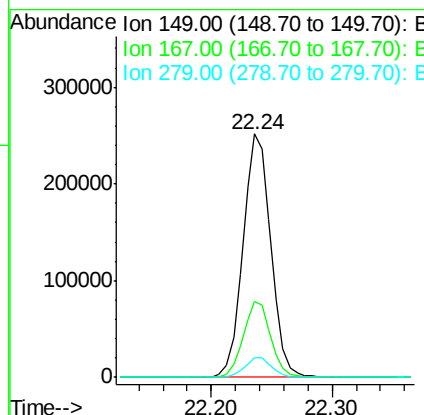
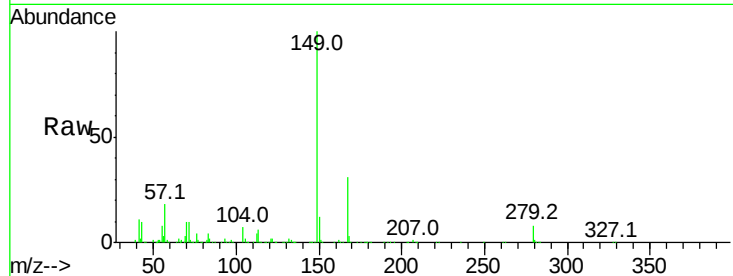
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.533 ng  
 RT: 22.24 min Scan# 3225  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 31.1  | 24.3       | 36.5  |
| 279     | 8.1   | 4.0        | 6.0   |

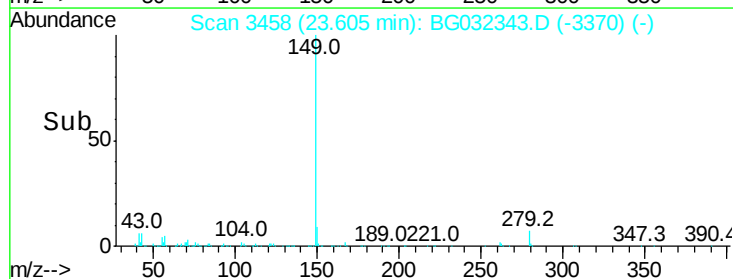
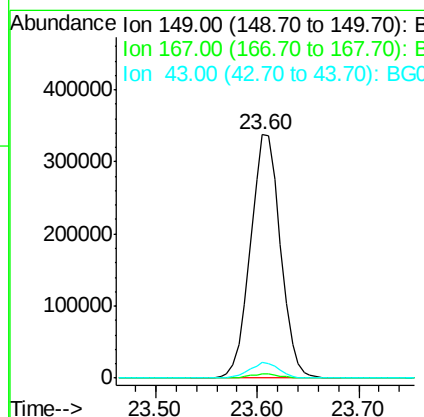
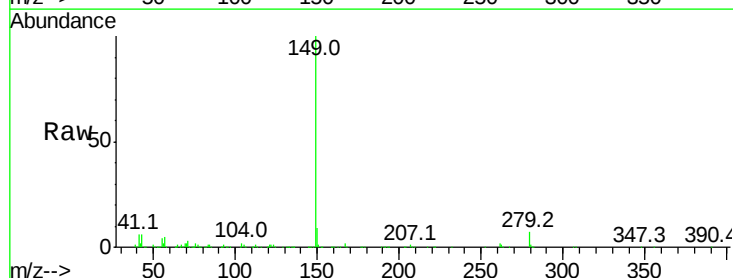
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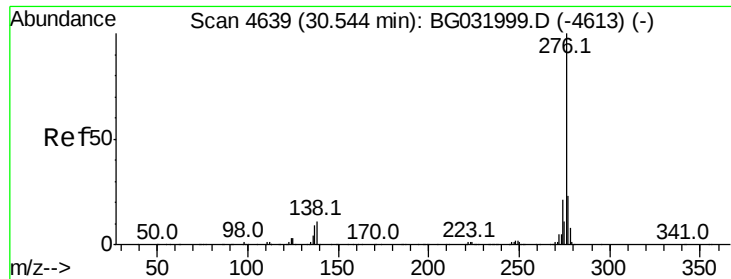
Sohil  
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#84  
 Di-n-octyl phthalate  
 Concen: 38.576 ng  
 RT: 23.60 min Scan# 3458  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.8   | 1.4        | 2.0   |
| 43      | 6.2   | 8.9        | 13.3  |





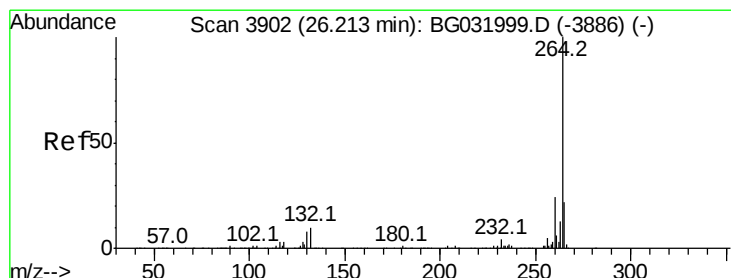
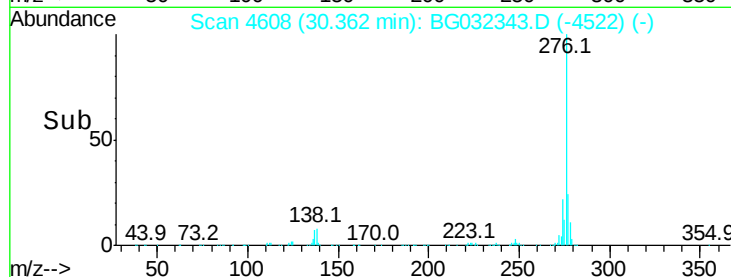
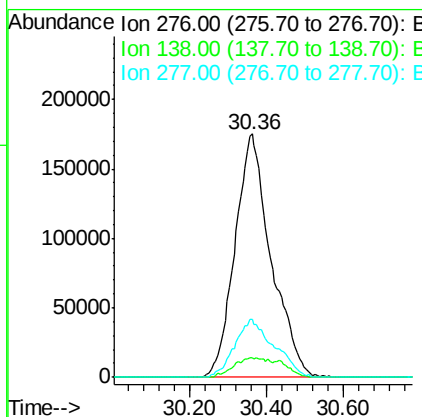
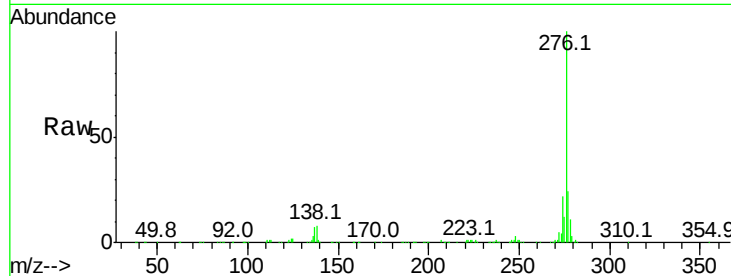
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 45.607 ng  
RT: 30.36 min Scan# 4608  
Delta R.T. -0.02 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

Tot Ion:276 Resp: 1141111  
Ion Ratio Lower Upper  
276 100  
138 7.9 16.0 24.0#  
277 26.0 20.0 30.0

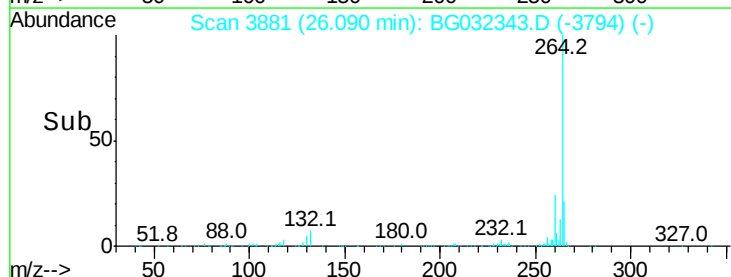
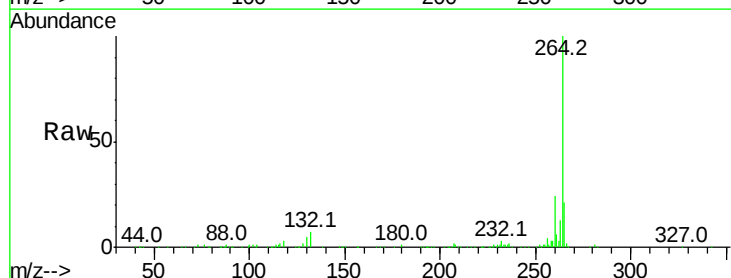
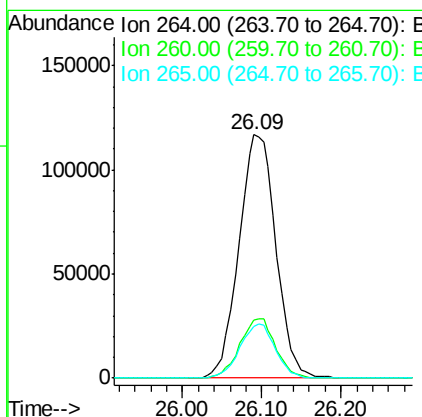
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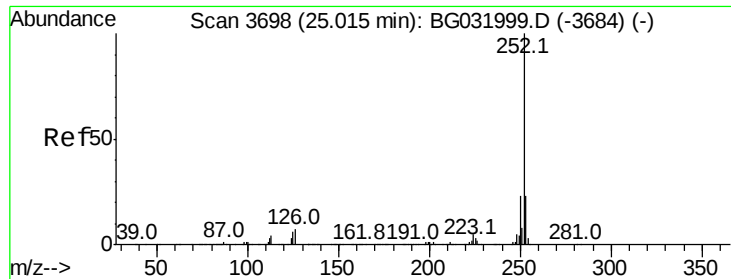
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 26.09 min Scan# 3881  
Delta R.T. -0.02 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Tgt Ion:264 Resp: 376736  
Ion Ratio Lower Upper  
264 100  
260 24.1 17.4 26.0  
265 21.4 17.7 26.5





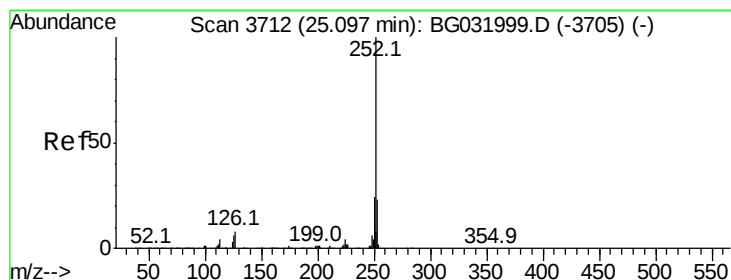
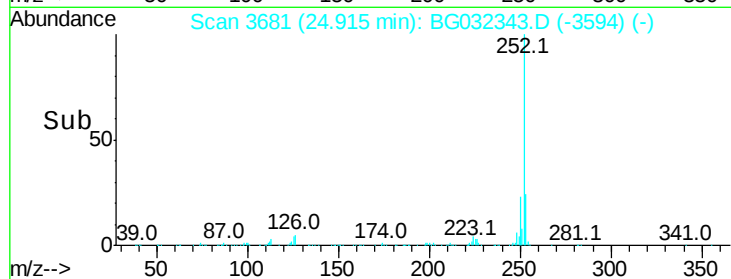
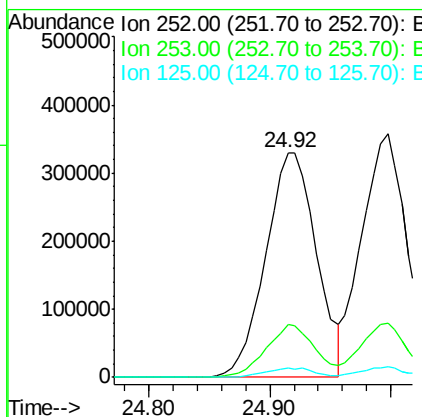
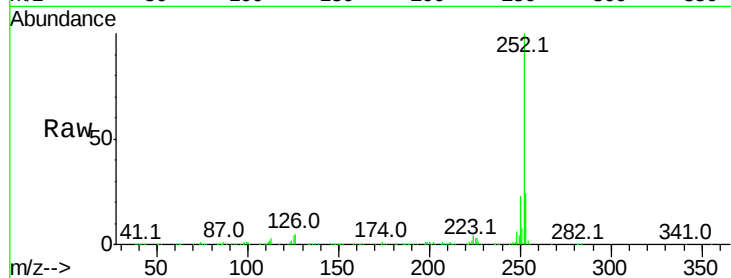
#87  
Benzo(b)fluoranthene  
Concen: 42.284 ng  
RT: 24.92 min Scan# 3681  
Delta R.T. -0.02 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 18.2  | 27.4  |
| 125     | 4.0   | 7.2   | 10.8  |

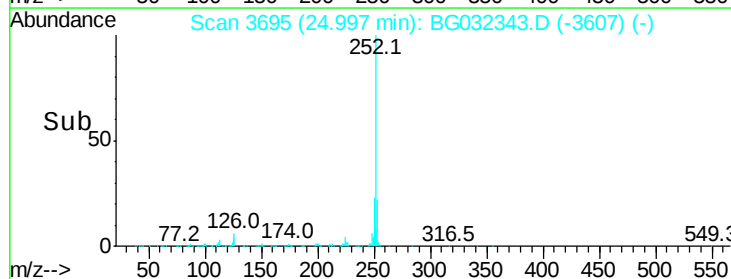
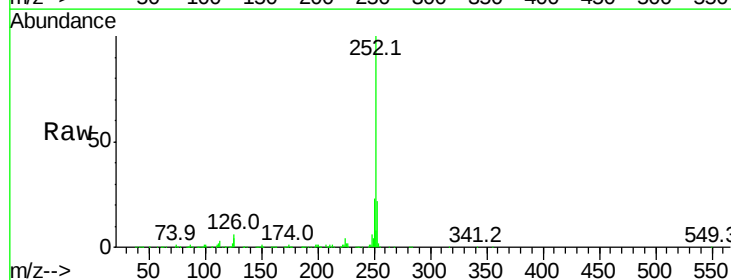
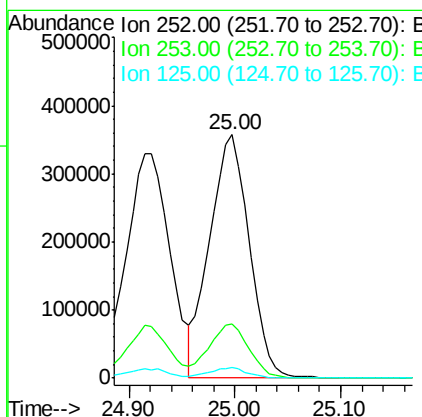
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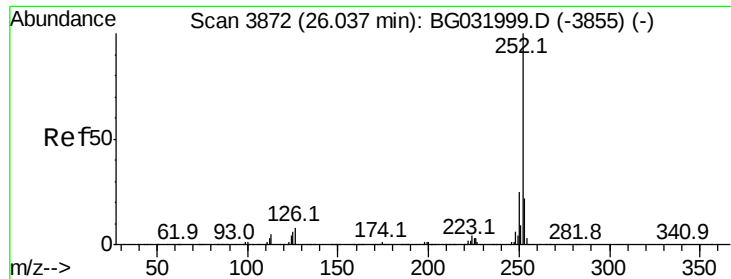
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#88  
Benzo(k)fluoranthene  
Concen: 41.666 ng  
RT: 25.00 min Scan# 3695  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.4  | 26.2  |
| 125     | 4.2   | 6.6   | 9.8   |





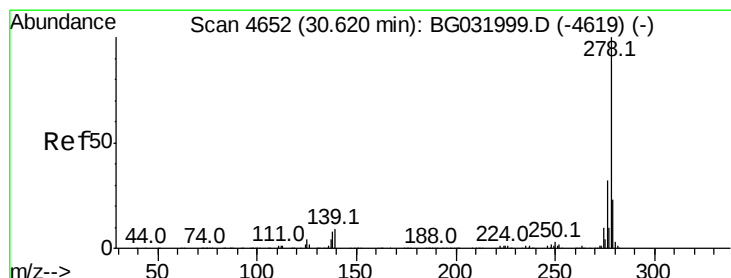
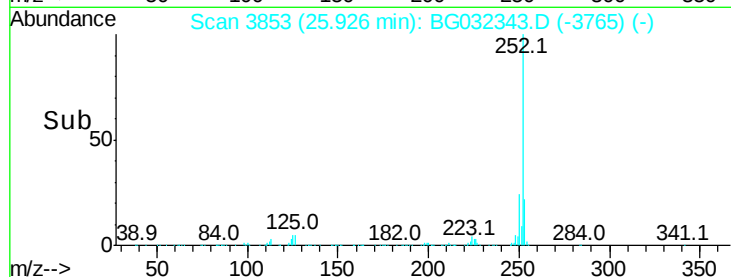
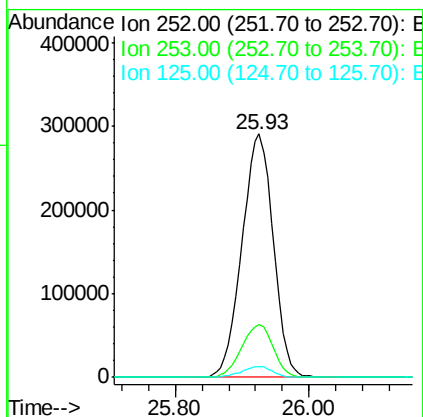
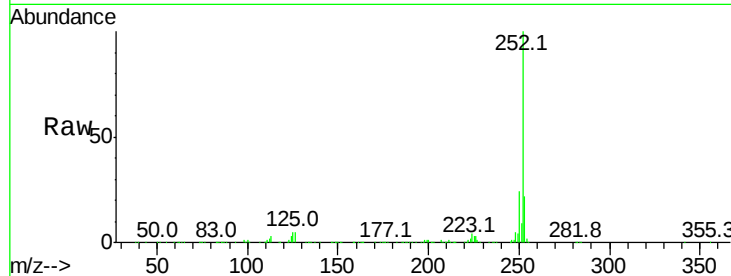
#89  
Benzo(a)pyrene  
Concen: 43.480 ng  
RT: 25.93 min Scan# 3853  
Delta R.T. -0.01 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 18.3  | 27.5  |
| 125     | 4.5   | 7.3   | 10.9# |

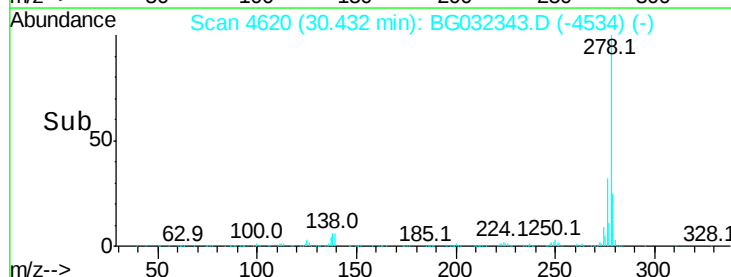
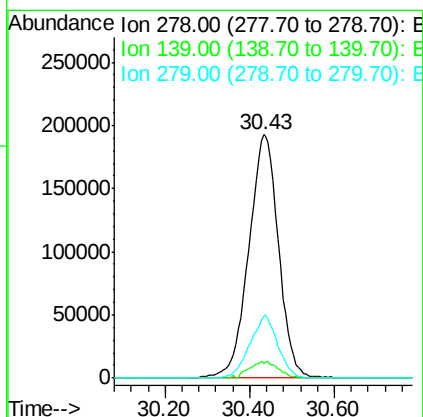
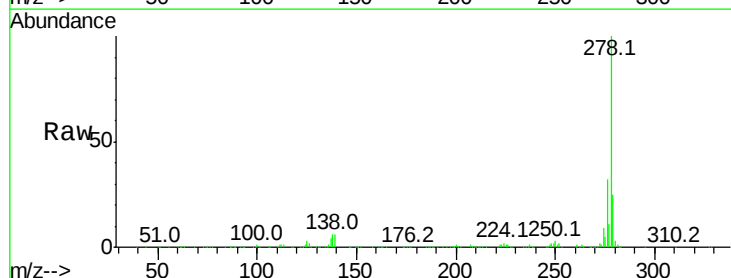
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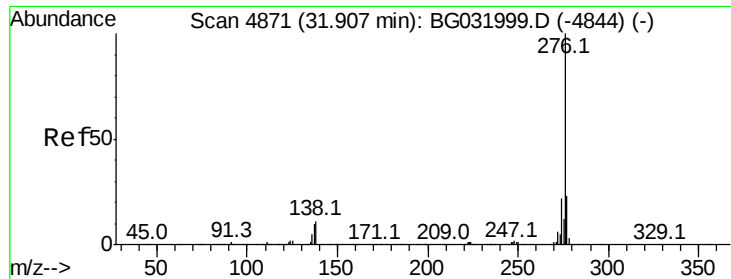
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#90  
Dibenzo(a,h)anthracene  
Concen: 45.762 ng  
RT: 30.43 min Scan# 4620  
Delta R.T. -0.02 min  
Lab File: BG032343.D  
Acq: 27 Jan 2018 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 6.2   | 9.8   | 14.6# |
| 279     | 25.3  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 44.770 ng  
 RT: 31.71 min Scan# 4837  
 Delta R.T. -0.01 min  
 Lab File: BG032343.D  
 Acq: 27 Jan 2018 00:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105951BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 18.3  | 27.5  |
| 138     | 9.8   | 13.9  | 20.9  |

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