

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
 Data File : BG035175.D  
 Acq On : 15 Jun 2018 17:09  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:42:34 AM

Quant Time: Jun 16 00:06:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 08 17:16:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 44231    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.87 | 136  | 187583   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.68 | 164  | 138233   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.43 | 188  | 360022   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.70 | 240  | 376458   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.92 | 264  | 371207   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.63  | 112  | 204890   | 78.17 | ng    | -0.01    |
| 7) Phenol-d6                | 7.22  | 99   | 322831   | 83.45 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 338409   | 85.75 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.18 | 330  | 156600   | 88.50 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.31 | 172  | 804818   | 75.69 | ng    | -0.02    |
| 78) Terphenyl-d14           | 20.04 | 244  | 1335237  | 74.29 | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88   | 46594    | 37.260 | ng    | # 69   |
| 3) Pyridine                    | 3.95  | 79   | 134535   | 39.873 | ng    | # 71   |
| 4) n-Nitrosodimethylamine      | 3.86  | 42   | 49403    | 34.082 | ng    | # 67   |
| 6) Aniline                     | 7.39  | 93   | 199944   | 39.987 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128  | 110833   | 40.343 | ng    | 93     |
| 9) Benzaldehyde                | 7.20  | 77   | 109274   | 36.673 | ng    | 98     |
| 10) Phenol                     | 7.25  | 94   | 160481   | 40.088 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93   | 119355   | 38.412 | ng    | 91     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146  | 127995   | 39.048 | ng    | 95     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146  | 128977   | 38.116 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146  | 123358   | 38.811 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.30  | 79   | 142573   | 38.897 | ng    | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45   | 114538m  | 37.036 | ng    |        |
| 17) 2-Methylphenol             | 8.50  | 107  | 111092   | 42.091 | ng    | # 94   |
| 18) Hexachloroethane           | 9.15  | 117  | 46728    | 38.573 | ng    | 88     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70   | 127274   | 38.727 | ng    | # 85   |
| 20) 3+4-Methylphenols          | 8.82  | 107  | 160619   | 42.457 | ng    | 96     |
| 22) Acetophenone               | 8.88  | 105  | 226155   | 38.920 | ng    | # 90   |
| 24) Nitrobenzene               | 9.27  | 77   | 168250   | 41.636 | ng    | 90     |
| 25) Isophorone                 | 9.78  | 82   | 310863   | 37.310 | ng    | 100    |
| 26) 2-Nitrophenol              | 9.98  | 139  | 66307    | 47.603 | ng    | # 88   |
| 27) 2,4-Dimethylphenol         | 10.03 | 122  | 110718   | 37.816 | ng    | 87     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93   | 176919   | 39.514 | ng    | 94     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162  | 136755   | 42.927 | ng    | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180  | 154651   | 40.485 | ng    | 97     |
| 31) Naphthalene                | 10.92 | 128  | 378456   | 38.837 | ng    | 98     |
| 32) Benzoic acid               | 10.15 | 122  | 78961    | 40.264 | ng    | 97     |
| 33) 4-Chloroaniline            | 11.02 | 127  | 169487   | 40.056 | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.21 | 225  | 115195   | 38.775 | ng    | 96     |
| 35) Caprolactam                | 11.80 | 113  | 50390    | 42.799 | ng    | # 67   |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107  | 169070   | 42.574 | ng    | 94     |
| 37) 2-Methylnaphthalene        | 12.52 | 142  | 295450   | 39.990 | ng    | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 205312   | 39.875 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237  | 114475   | 35.454 | ng    | 92     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
 Data File : BG035175.D  
 Acq On : 15 Jun 2018 17:09  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC0040

Manual Integrations  
 APPROVED

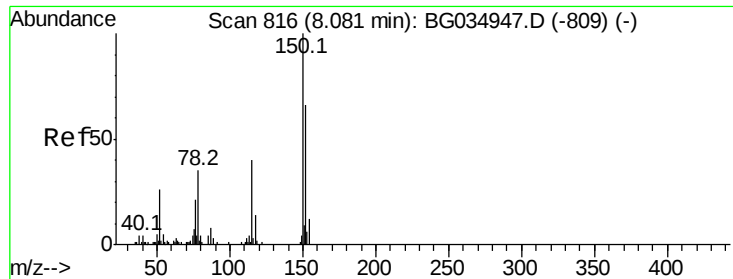
Sohil  
 6/18/2018 10:42:34 AM

Quant Time: Jun 16 00:06:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 08 17:16:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 129808   | 42.104 | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 143496   | 42.405 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 421473   | 37.918 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.57 | 162  | 324735   | 38.641 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 113883   | 45.891 | nq    | 89       |
| 48) Acenaphthylene             | 14.41 | 152  | 545041   | 38.679 | nq    | 98       |
| 49) Dimethylphthalate          | 14.14 | 163  | 462786   | 38.392 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 101551   | 46.178 | nq    | 94       |
| 51) Acenaphthene               | 14.75 | 154  | 364510   | 39.590 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 99485    | 46.103 | nq #  | 97       |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 43146    | 48.479 | nq #  | 63       |
| 54) Dibenzofuran               | 15.08 | 168  | 540137   | 39.171 | nq    | 94       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 67635    | 37.138 | nq    | 86       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 145840   | 49.923 | nq #  | 80       |
| 57) Fluorene                   | 15.74 | 166  | 449485   | 39.004 | nq    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 139618   | 42.472 | nq    | 94       |
| 59) Diethylphthalate           | 15.50 | 149  | 464776   | 37.791 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 266133   | 40.499 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.75 | 138  | 104631   | 45.212 | nq #  | 86       |
| 62) Azobenzene                 | 16.02 | 77   | 445962   | 37.004 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 71284    | 43.367 | nq    | 87       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 419722   | 38.821 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.62 | 248  | 174886   | 40.338 | nq    | 94       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 175189   | 39.700 | nq    | 95       |
| 68) Atrazine                   | 16.88 | 200  | 180942   | 39.244 | nq    | 95       |
| 69) Pentachlorophenol          | 17.07 | 266  | 106042   | 35.736 | nq    | 99       |
| 70) Phenanthrene               | 17.47 | 178  | 707276   | 38.674 | nq    | 98       |
| 71) Anthracene                 | 17.56 | 178  | 705957   | 38.536 | nq    | 97       |
| 72) Carbazole                  | 17.83 | 167  | 641818   | 37.760 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.38 | 149  | 754167   | 37.226 | nq #  | 98       |
| 74) Fluoranthene               | 19.48 | 202  | 905557   | 38.052 | nq    | 97       |
| 76) Benzidine                  | 19.65 | 184  | 509506   | 36.379 | nq    | 98       |
| 77) Pyrene                     | 19.84 | 202  | 921001   | 37.111 | nq    | 97       |
| 79) Butylbenzylphthalate       | 20.72 | 149  | 339625   | 37.687 | nq    | 94       |
| 80) Benzo(a)anthracene         | 21.68 | 228  | 910365   | 37.842 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 334065   | 36.910 | nq #  | 99       |
| 82) Chrysene                   | 21.74 | 228  | 843542   | 38.298 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.59 | 149  | 466866   | 36.664 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.81 | 149  | 797396   | 36.501 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.61 | 276  | 846141   | 32.801 | nq #  | 88       |
| 87) Benzo(b)fluoranthene       | 23.90 | 252  | 883585   | 38.652 | nq #  | 95       |
| 88) Benzo(k)fluoranthene       | 23.97 | 252  | 857224   | 38.334 | nq #  | 98       |
| 89) Benzo(a)pyrene             | 24.78 | 252  | 820183   | 38.129 | nq #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 28.68 | 278  | 715535m  | 33.697 | nq    |          |
| 91) Benzo(g,h,i)perylene       | 29.76 | 276  | 701184   | 33.742 | nq #  | 94       |

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





#1

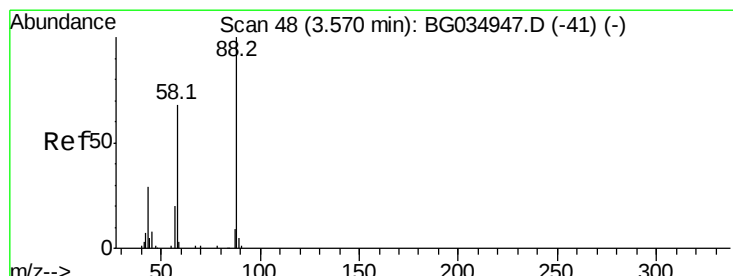
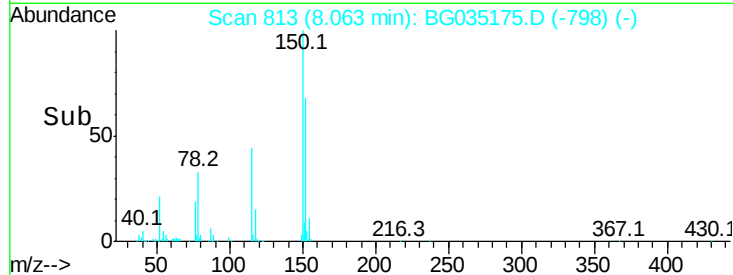
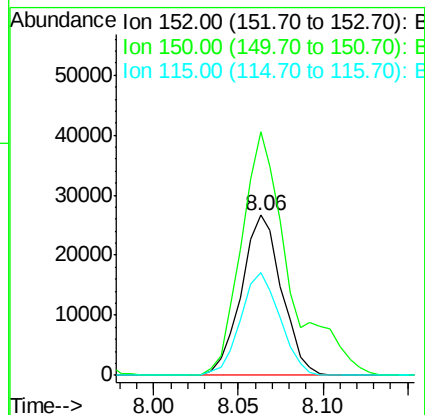
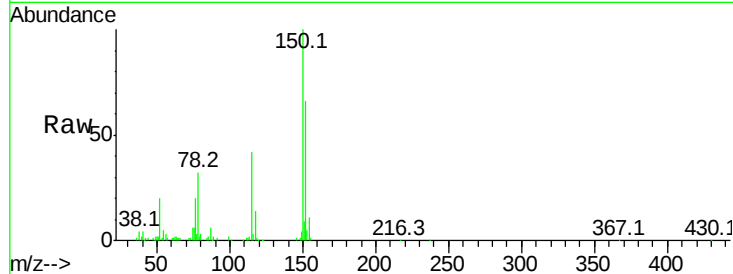
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.1 | 126.6 | 189.8 |
| 115     | 64.2  | 53.0  | 79.4  |

Manual Integrations  
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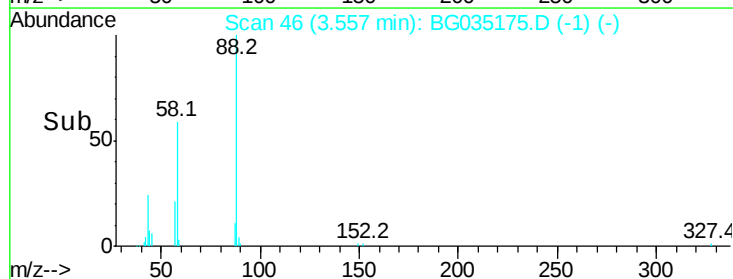
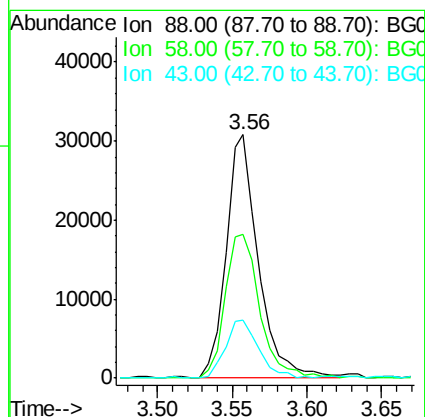
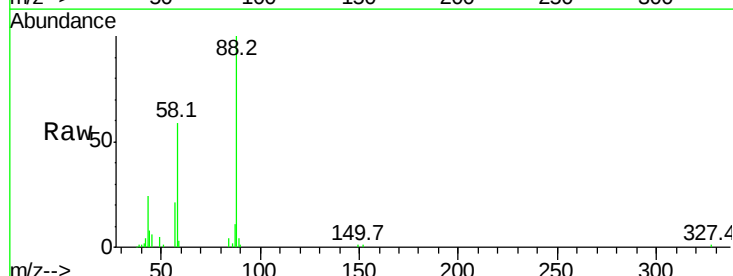
Sohil  
6/18/2018 10:42:34 AM

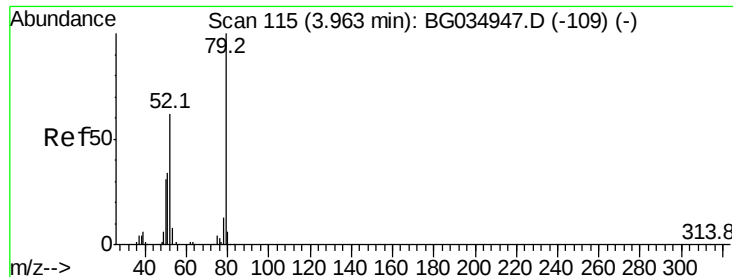


#2

1,4-Dioxane  
Concen: 37.260 ng  
RT: 3.56 min Scan# 46  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 63.7  | 79.6  | 119.4# |
| 43      | 24.5  | 27.4  | 41.0#  |





#3

Pvridine

Concen: 39.873 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

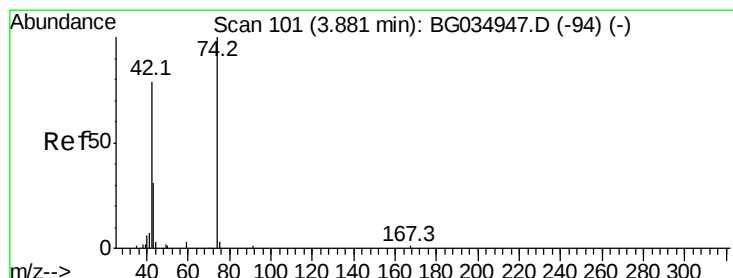
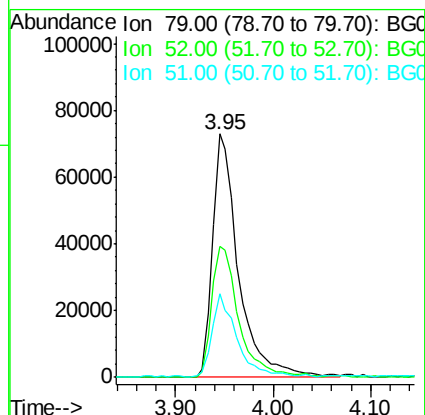
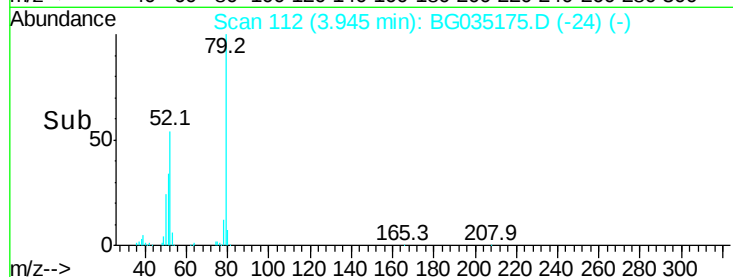
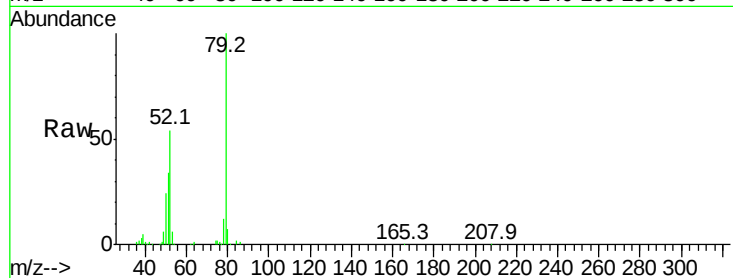
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 52      | 53.6  | 69.9  | 104.9# |
| 51      | 34.5  | 34.0  | 51.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 34.082 ng

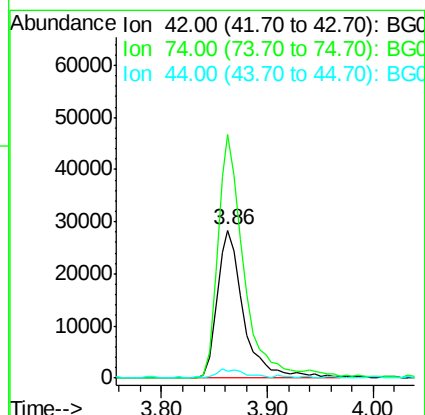
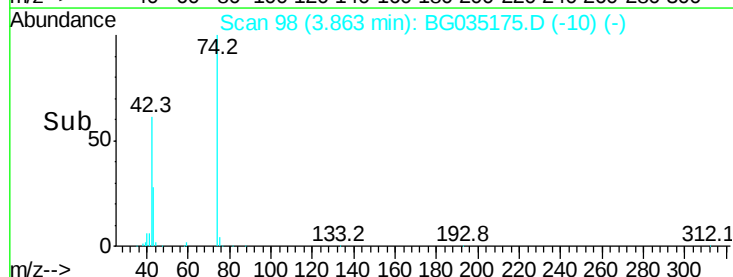
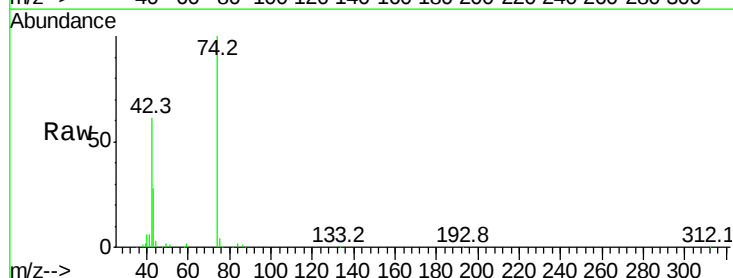
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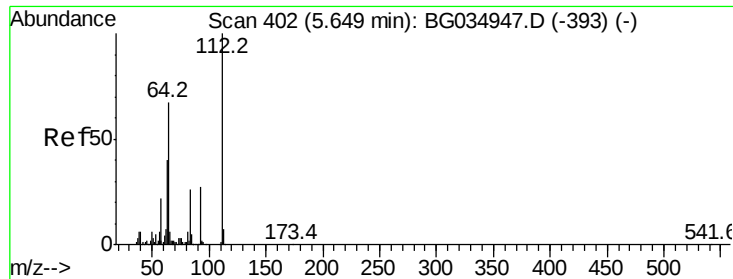
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 164.8 | 102.5 | 153.7# |
| 44      | 4.8   | 18.9  | 28.3#  |





#5

2-Fluorophenol

Concen: 78.175 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

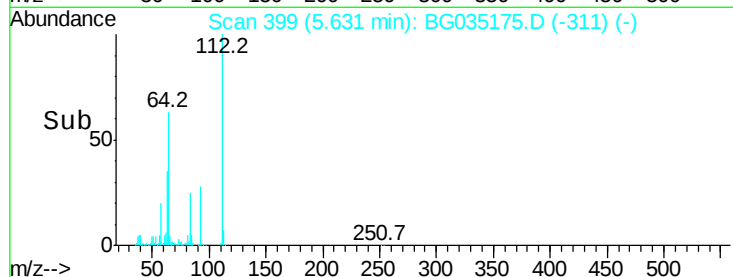
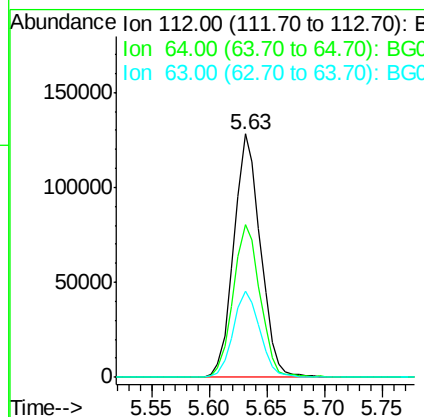
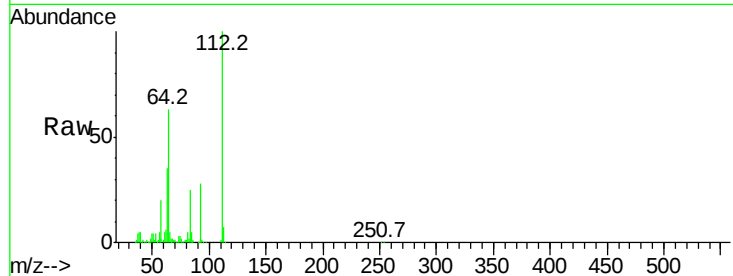
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 204890 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 62.9  | 56.3  | 84.5   |
| 63        | 35.5  | 30.1  | 45.1   |

Manual Integrations  
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6/18/2018 10:42:34 AM



#6

Aniline

Concen: 39.987 ng

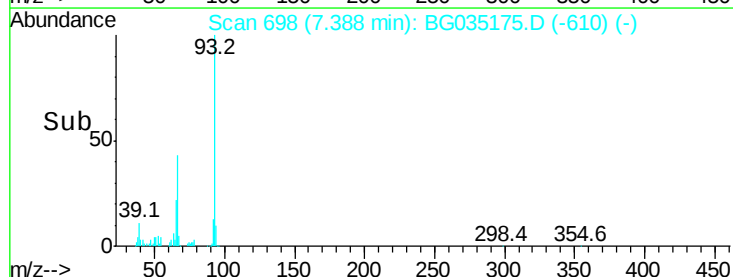
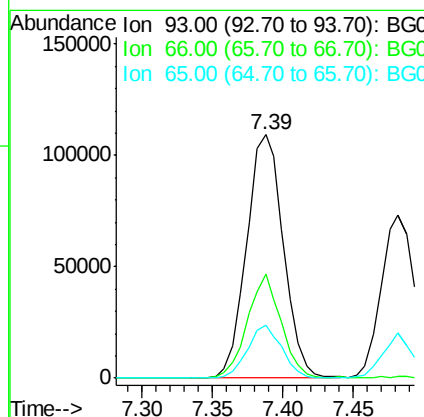
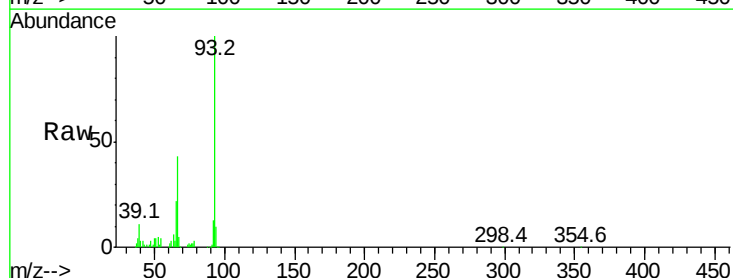
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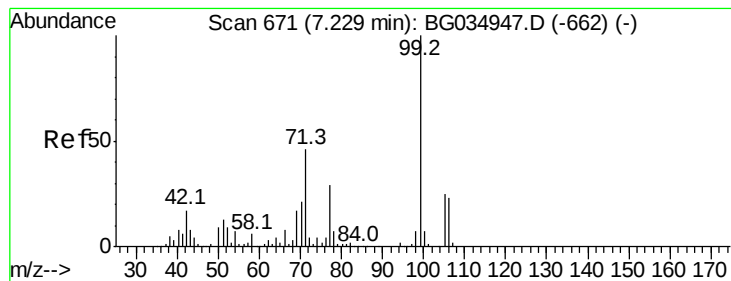
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 199944 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.8  | 33.7  | 50.5   |
| 65        | 21.7  | 16.1  | 24.1   |





#7

Phenol-d6

Concen: 83.455 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

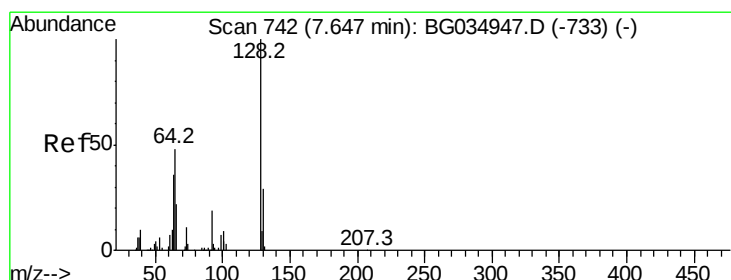
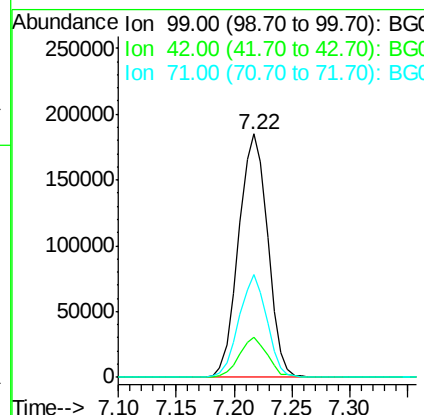
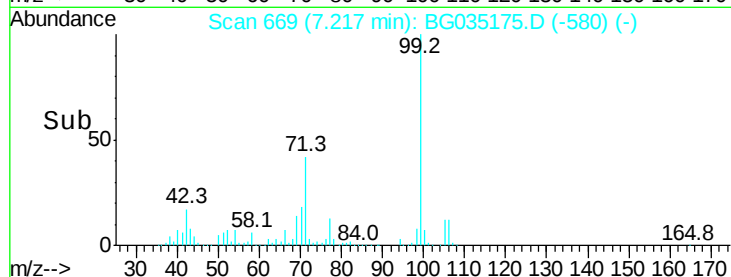
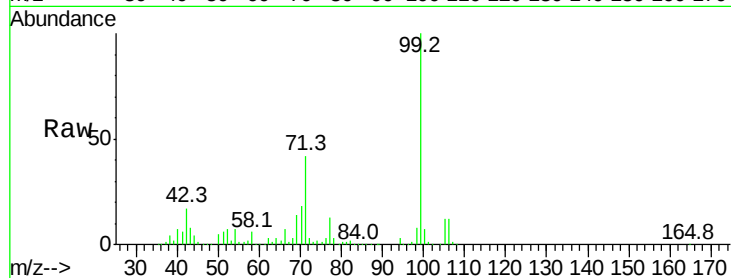
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 322831 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.6  | 14.1  | 21.1   |
| 71        | 42.4  | 26.1  | 39.1   |

Manual Integrations  
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6/18/2018 10:42:34 AM



#8

2-Chlorophenol

Concen: 40.343 ng

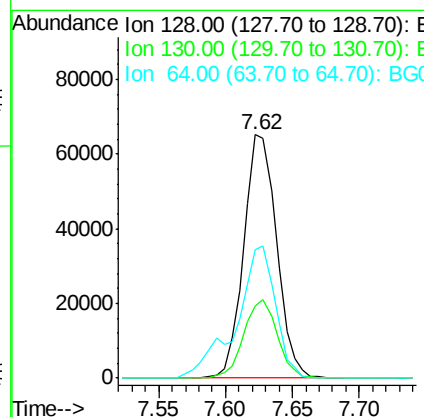
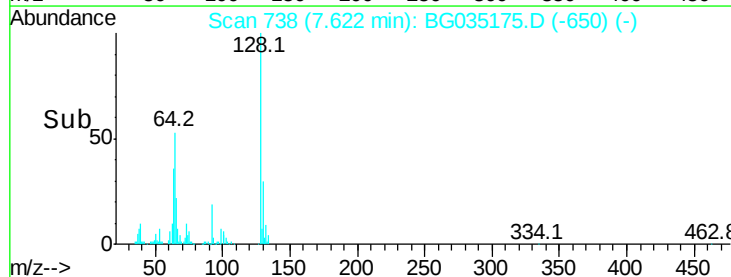
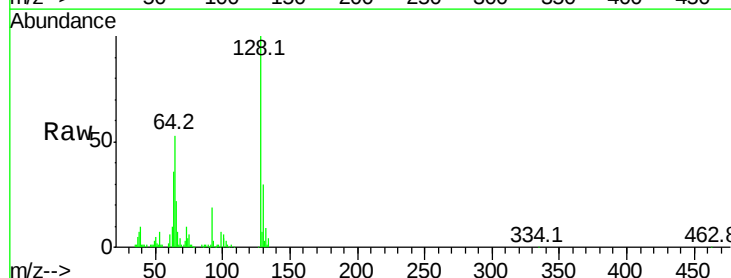
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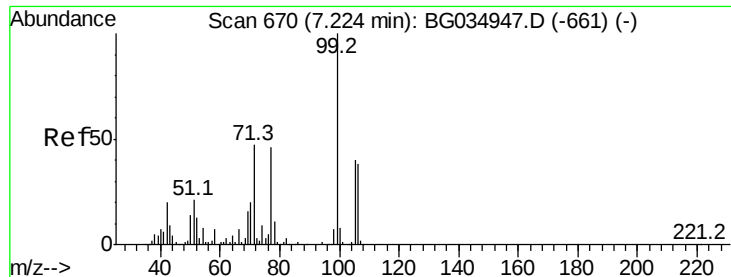
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 110833 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 29.7  | 14.0  | 54.0   |
| 64        | 52.7  | 37.7  | 77.7   |





#9

Benzaldehyde

Concen: 36.673 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

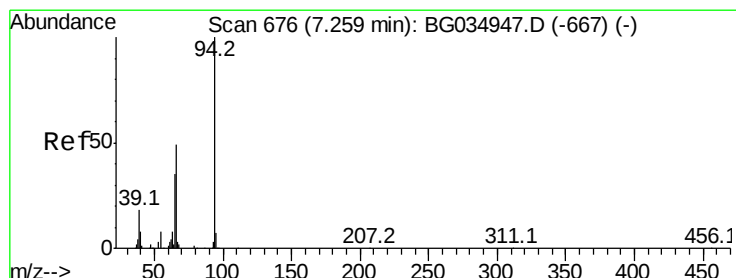
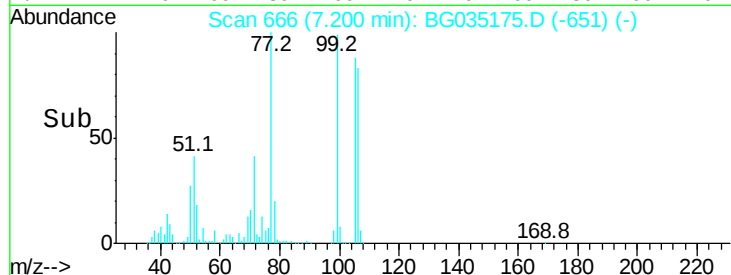
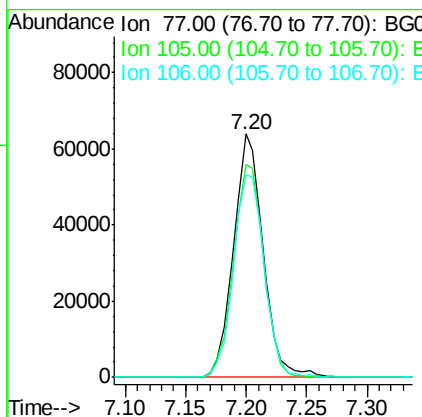
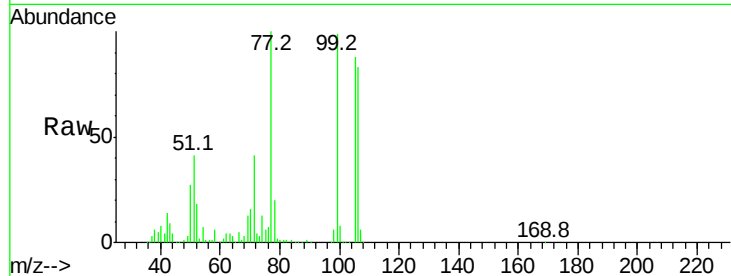
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 87.7  | 71.3  | 111.3 |
| 106     | 83.4  | 64.2  | 104.2 |

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#10

Phenol

Concen: 40.088 ng

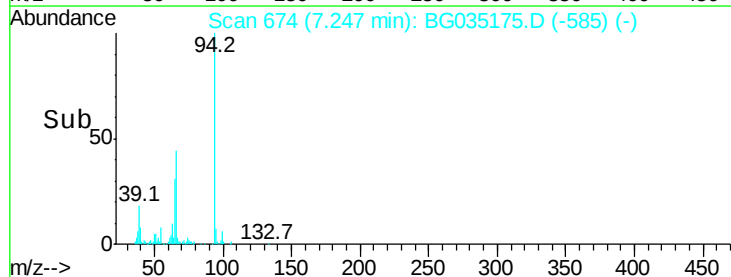
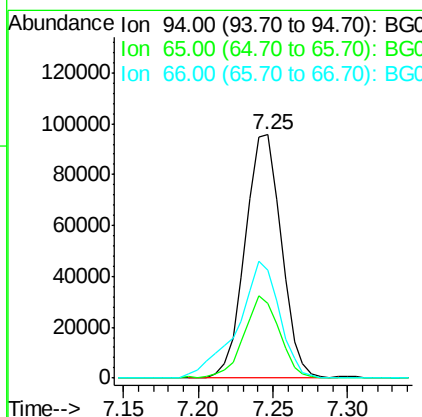
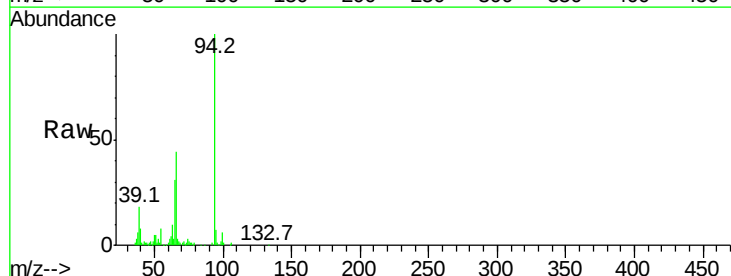
RT: 7.25 min Scan# 674

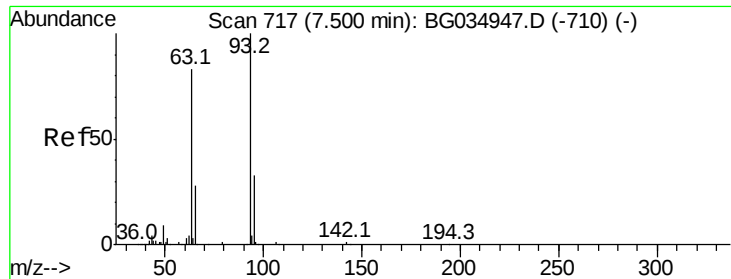
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.9  | 11.9  | 51.9  |
| 66      | 44.1  | 22.2  | 62.2  |





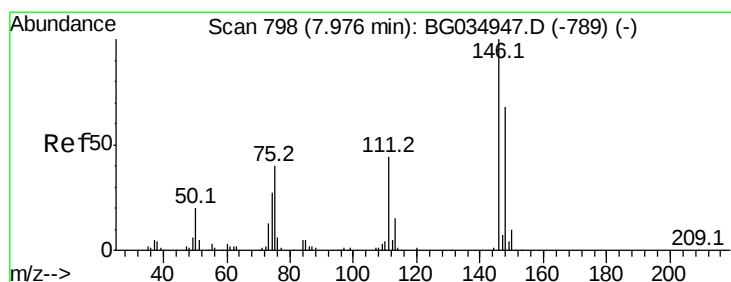
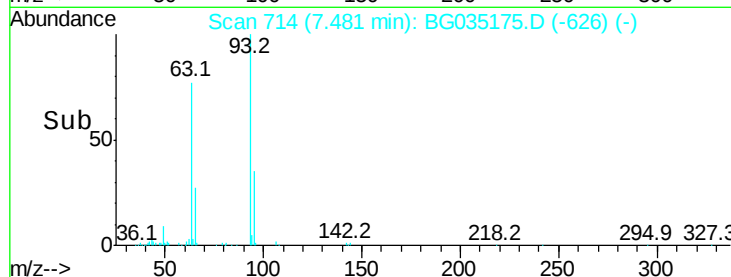
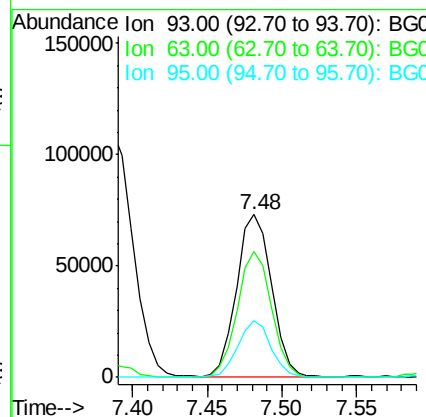
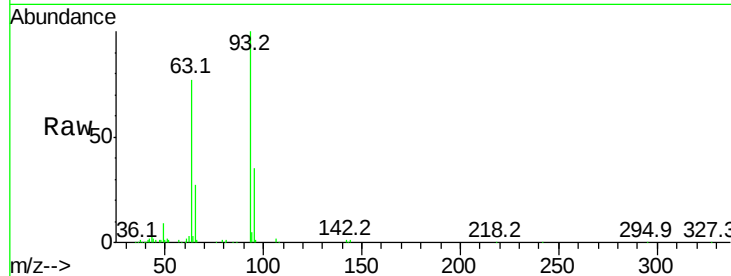
#11  
bis(2-Chloroethyl)ether  
Concen: 38.412 ng  
RT: 7.48 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.4  | 67.1  | 107.1 |
| 95      | 34.7  | 11.5  | 51.5  |

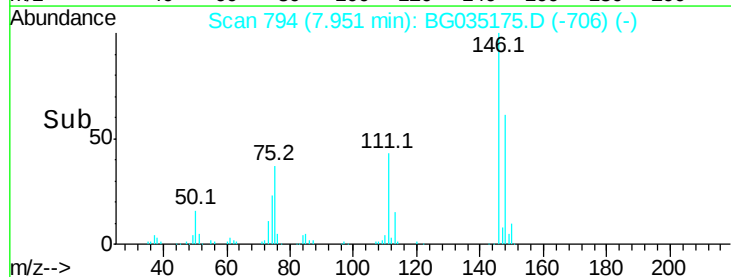
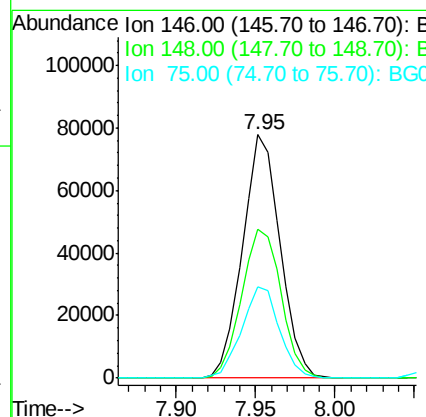
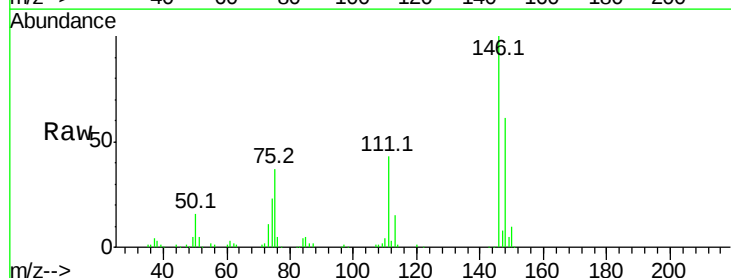
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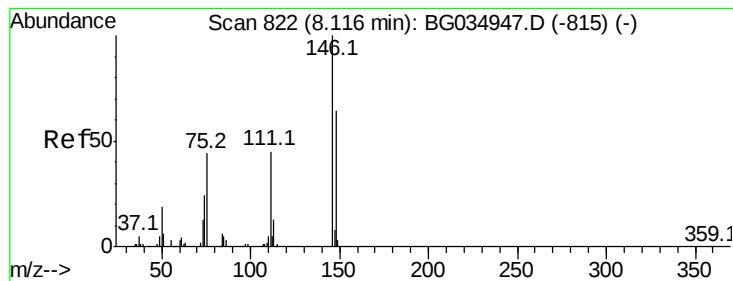
Sohil  
6/18/2018 10:42:34 AM



#12  
1,3-Dichlorobenzene  
Concen: 39.048 ng  
RT: 7.95 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.4  | 51.4  | 77.2  |
| 75      | 37.3  | 26.6  | 39.8  |





#13

1,4-Dichlorobenzene

Concen: 38.116 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

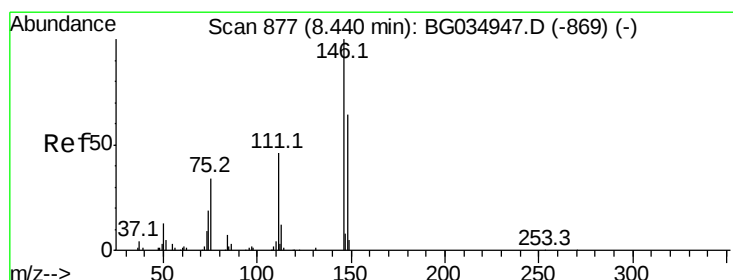
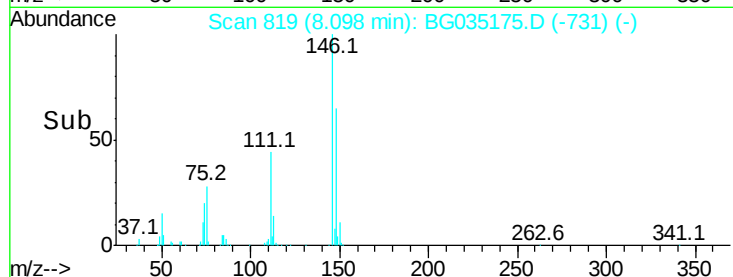
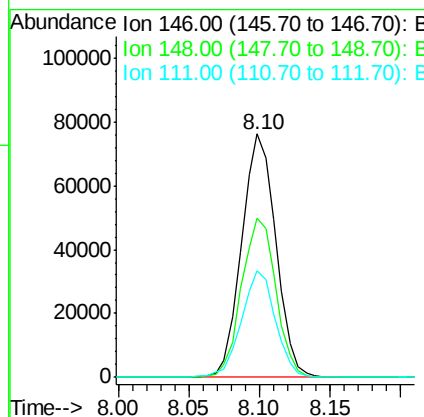
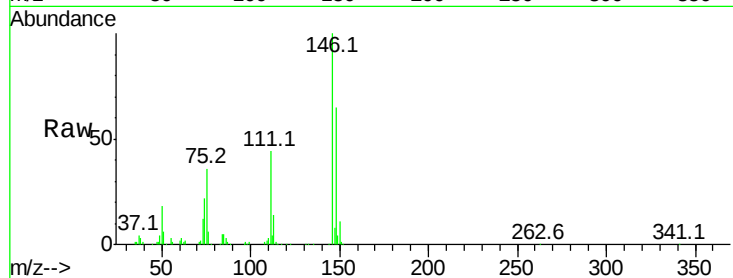
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 128977 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.3  | 53.7  | 80.5   |
| 111       | 43.6  | 35.2  | 52.8   |

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#14

1,2-Dichlorobenzene

Concen: 38.811 ng

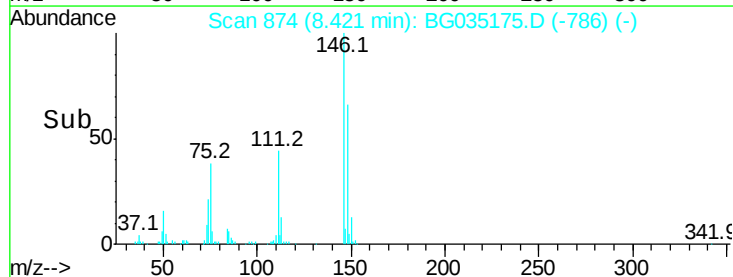
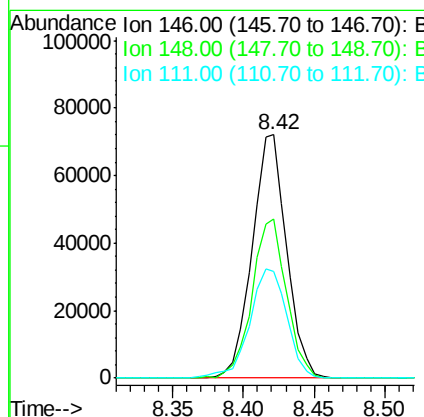
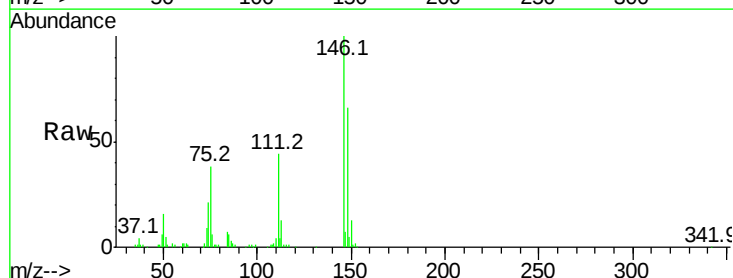
RT: 8.42 min Scan# 874

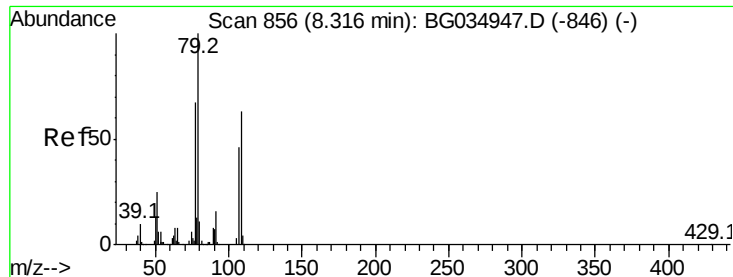
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 123358 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.6  | 49.3  | 73.9   |
| 111       | 43.8  | 34.3  | 51.5   |





#15

Benzyl Alcohol

Concen: 38.897 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

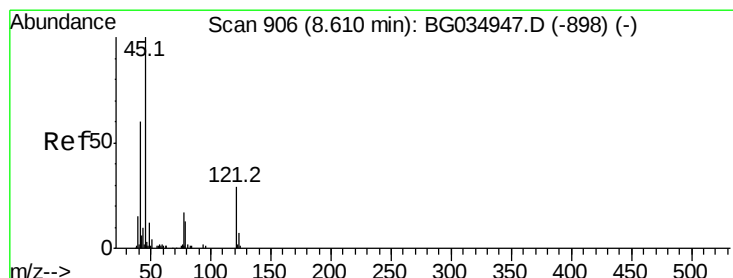
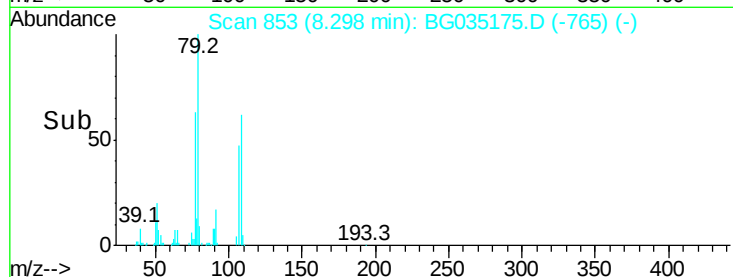
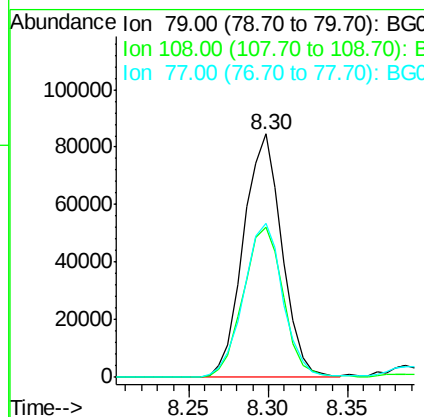
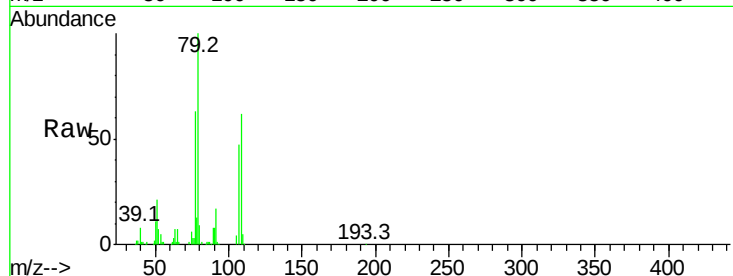
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 61.8  | 57.2  | 85.8  |
| 77      | 63.1  | 46.1  | 69.1  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.036 ng m

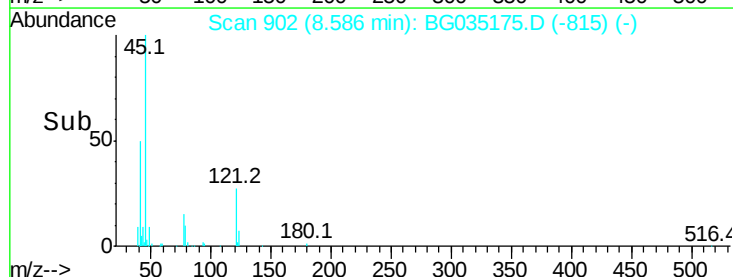
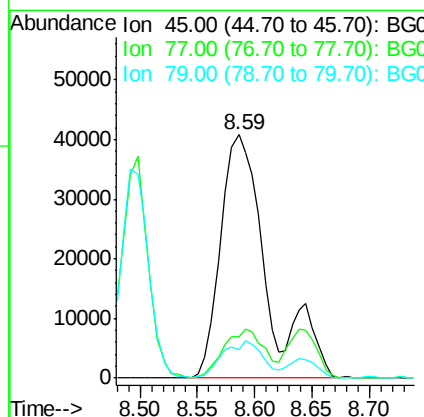
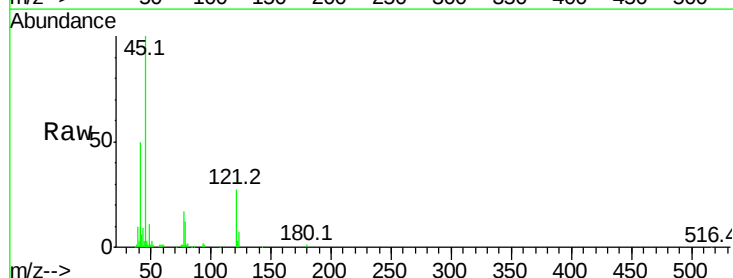
RT: 8.59 min Scan# 902

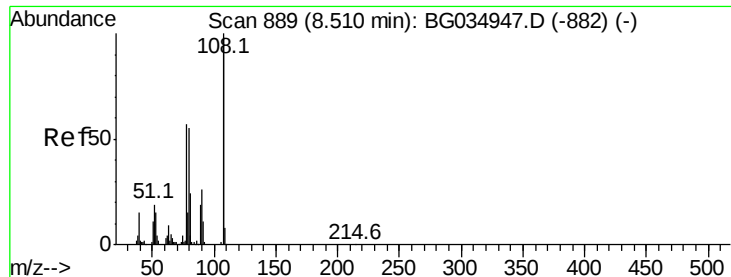
Delta R.T. -0.02 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.0  | 0.0   | 30.2  |
| 79      | 11.9  | 0.0   | 27.9  |





#17

2-Methylphenol

Concen: 42.091 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 111092

Ion Ratio Lower Upper

107 100

108 105.1 83.9 125.9

77 56.9 37.2 55.8#

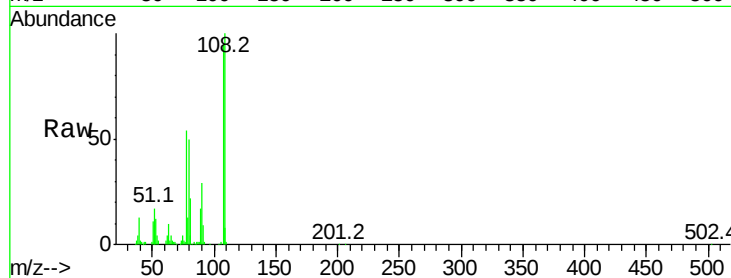
79 52.2 36.2 54.2

Manual Integrations

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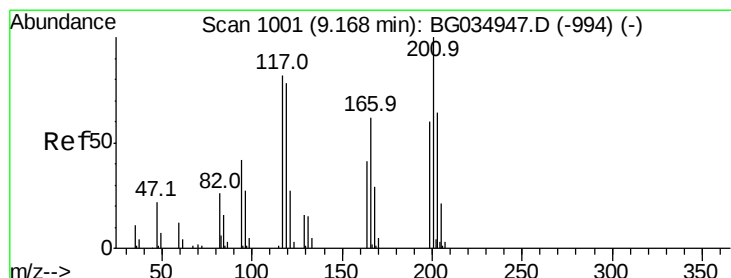
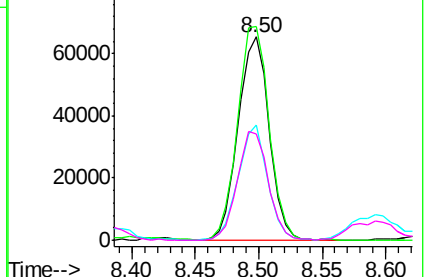
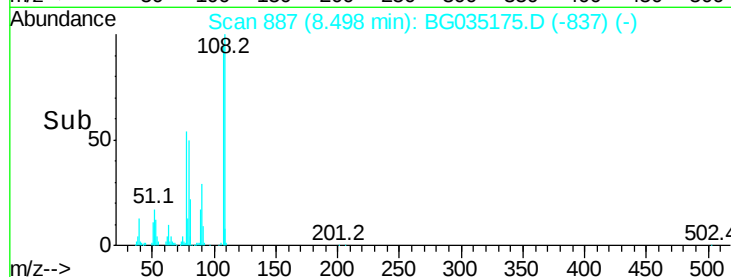


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.573 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

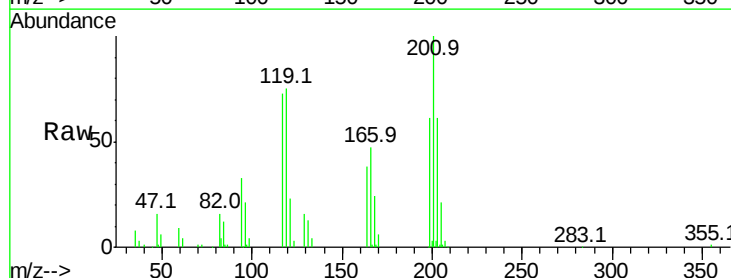
Tgt Ion:117 Resp: 46728

Ion Ratio Lower Upper

117 100

119 103.1 76.7 115.1

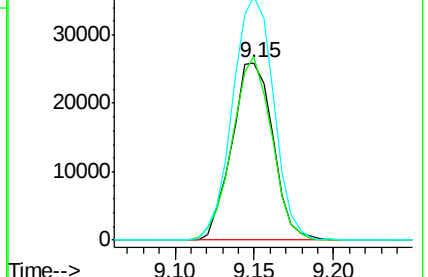
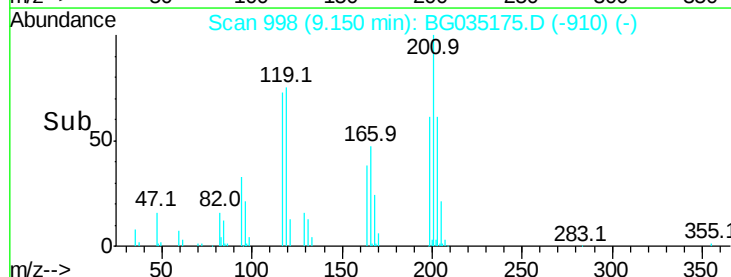
201 137.1 95.7 143.5

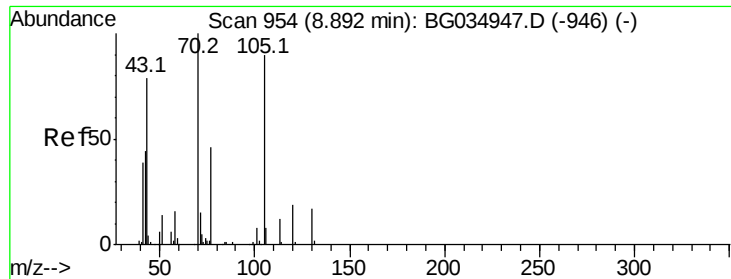


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





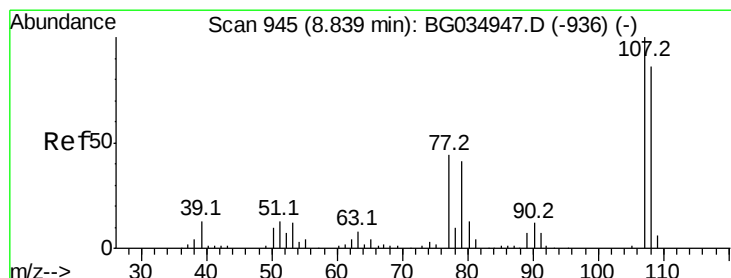
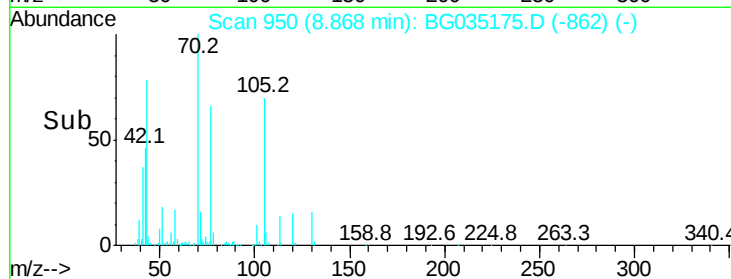
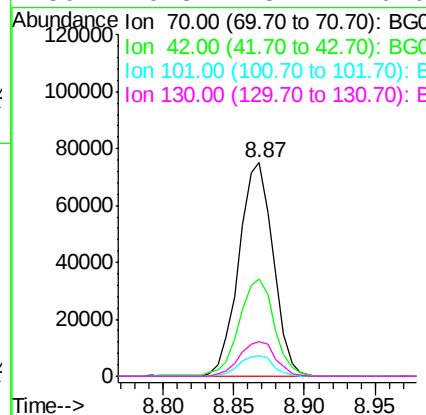
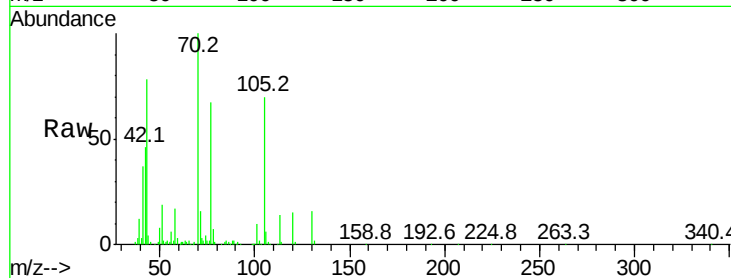
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.727 ng  
RT: 8.87 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.6  | 49.1  | 73.7# |
| 101     | 9.9   | 8.5   | 12.7  |
| 130     | 16.3  | 13.4  | 20.0  |

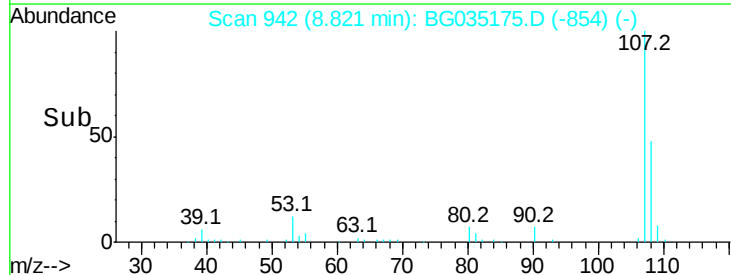
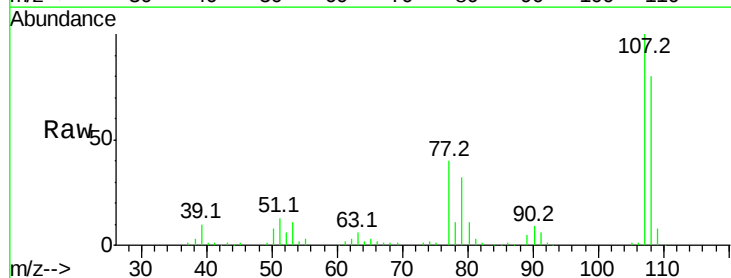
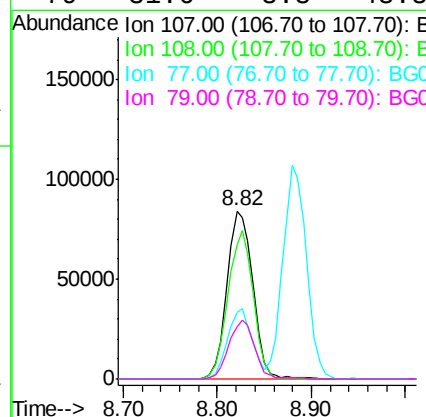
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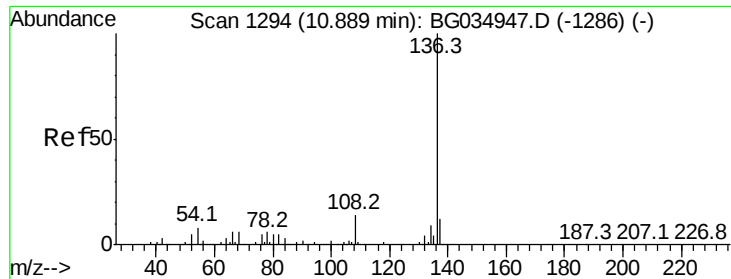
Sohil  
6/18/2018 10:42:34 AM



#20  
3+4-Methylphenols  
Concen: 42.457 ng  
RT: 8.82 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 80.1  | 61.6  | 101.6 |
| 77      | 39.8  | 13.9  | 53.9  |
| 79      | 31.6  | 8.8   | 48.8  |





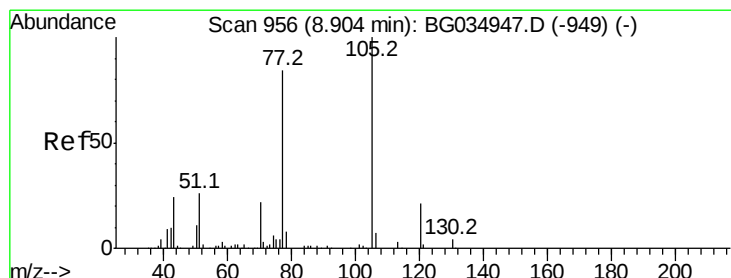
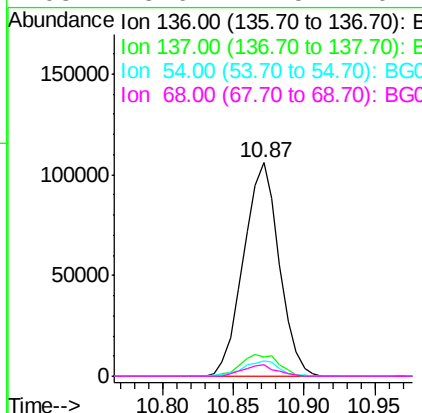
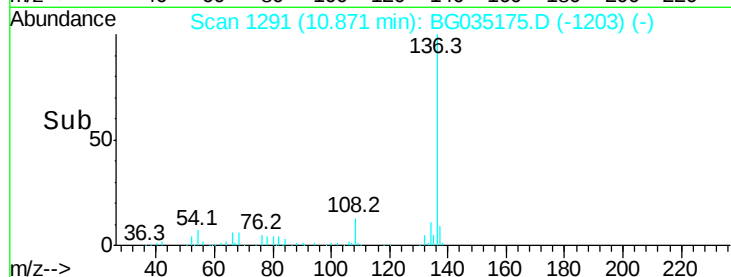
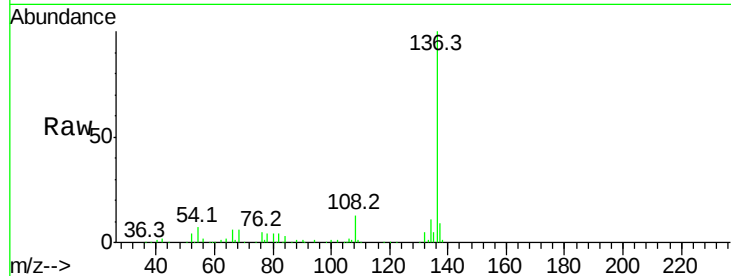
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 9.1   | 9.2  | 13.8# |       |
| 54      | 7.1   | 10.3 | 15.5# |       |
| 68      | 5.6   | 4.5  | 6.7   |       |

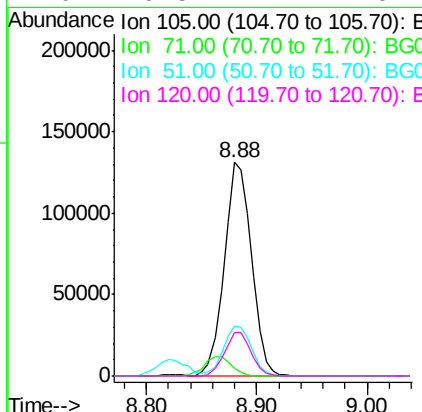
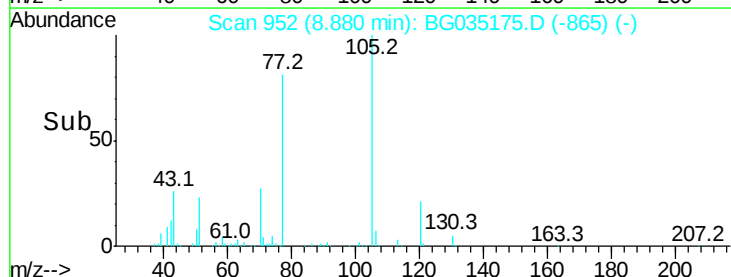
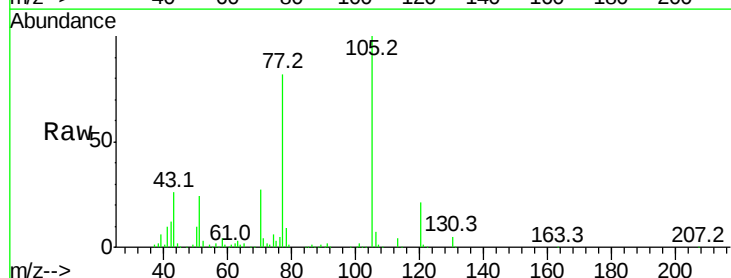
Manual Integrations  
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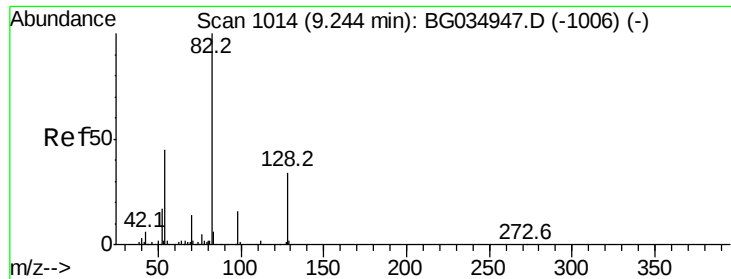
Sohil  
6/18/2018 10:42:34 AM



#22  
Acetophenone  
Concen: 38.920 ng  
RT: 8.88 min Scan# 952  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 3.8   | 3.0  | 4.4   |       |
| 51      | 23.6  | 26.1 | 39.1# |       |
| 120     | 20.5  | 17.4 | 26.2  |       |





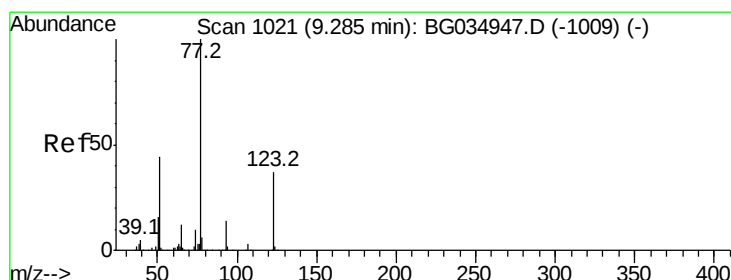
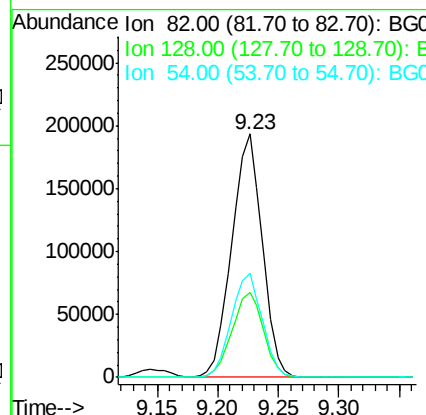
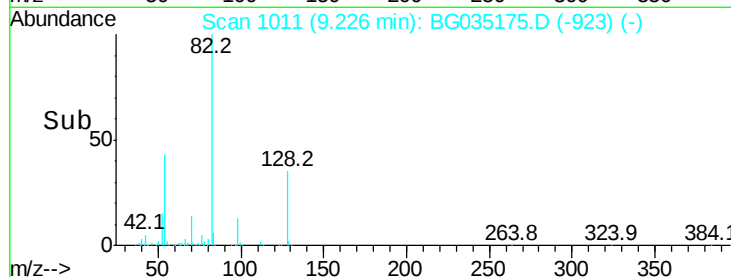
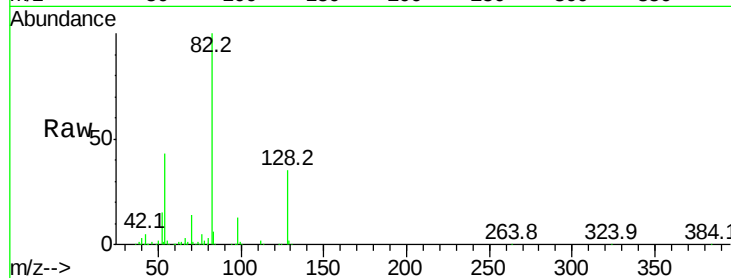
#23  
 Nitrobenzene-d5  
 Concen: 85.754 ng  
 RT: 9.23 min Scan# 1011  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.9  | 29.7  | 44.5  |
| 54      | 42.7  | 43.1  | 64.7# |

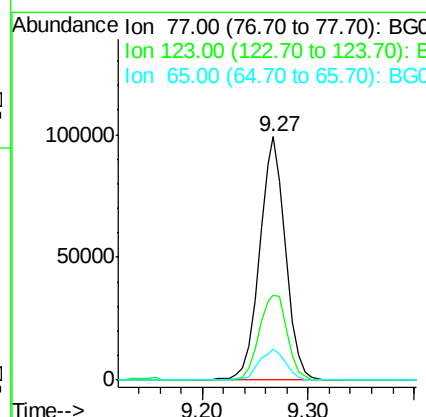
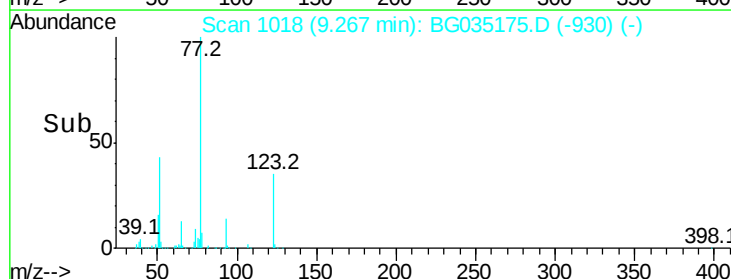
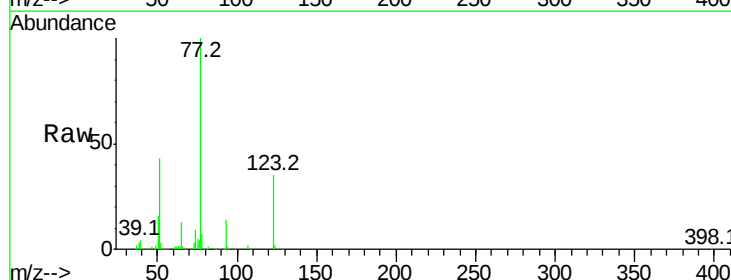
Manual Integrations  
 APPROVED

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 6/18/2018 10:42:34 AM



#24  
 Nitrobenzene  
 Concen: 41.636 ng  
 RT: 9.27 min Scan# 1018  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 34.7  | 33.0  | 49.6  |
| 65      | 13.0  | 13.0  | 19.6  |





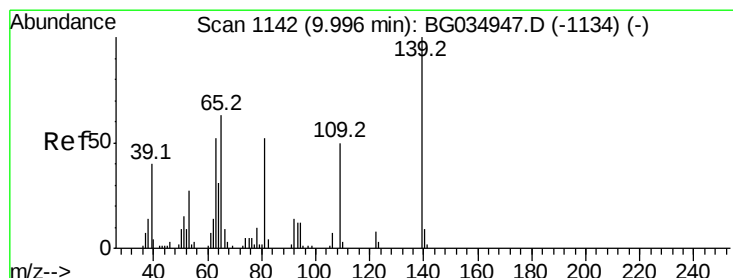
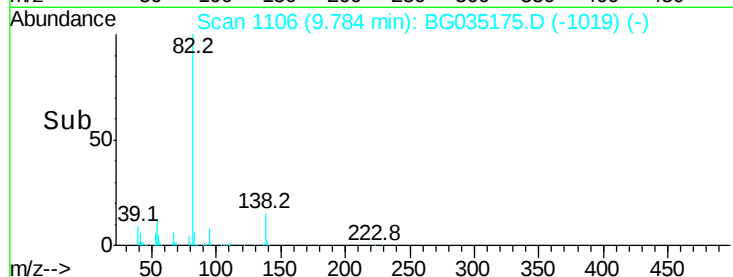
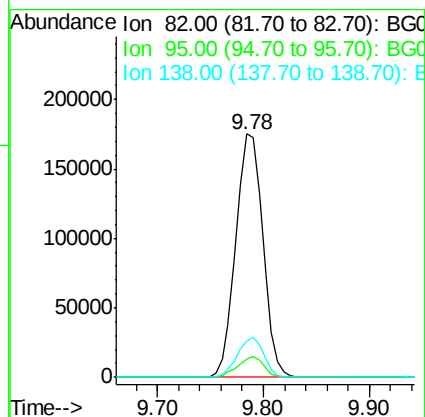
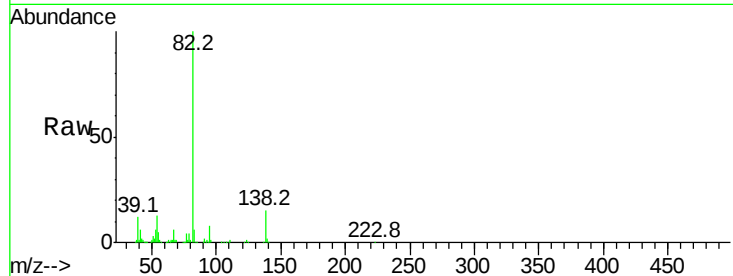
#25  
Isophorone  
Concen: 37.310 ng  
RT: 9.78 min Scan# 1106  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 95      | 7.6   | 6.2        | 9.2   |
| 138     | 15.0  | 12.1       | 18.1  |

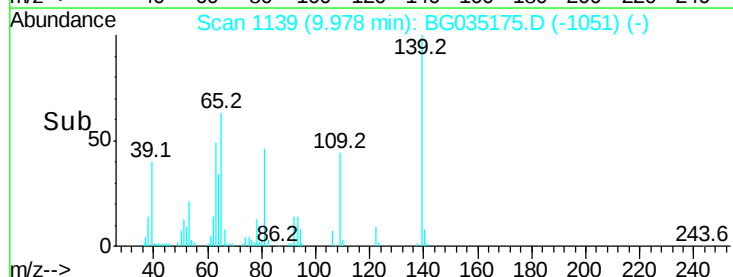
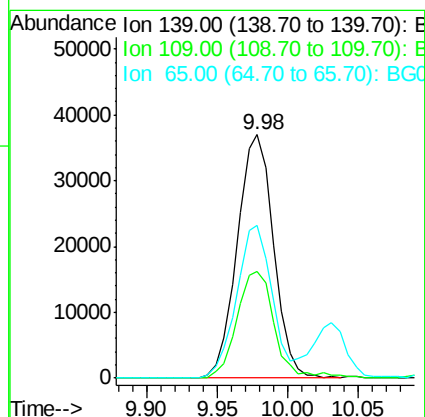
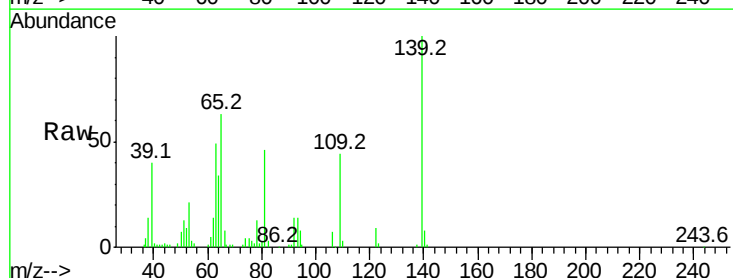
Manual Integrations  
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#26  
2-Nitrophenol  
Concen: 47.603 ng  
RT: 9.98 min Scan# 1139  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 139     | 100   |            |       |
| 109     | 43.6  | 24.2       | 36.2# |
| 65      | 63.0  | 47.4       | 71.0  |





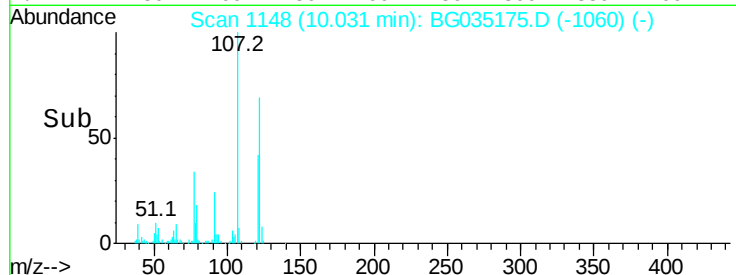
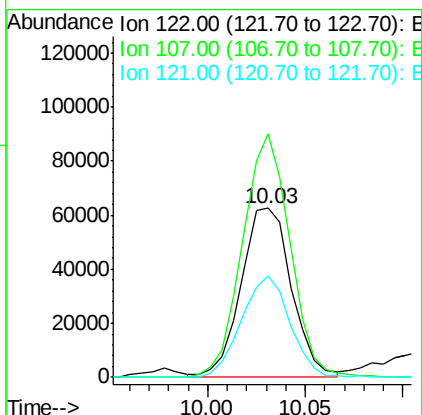
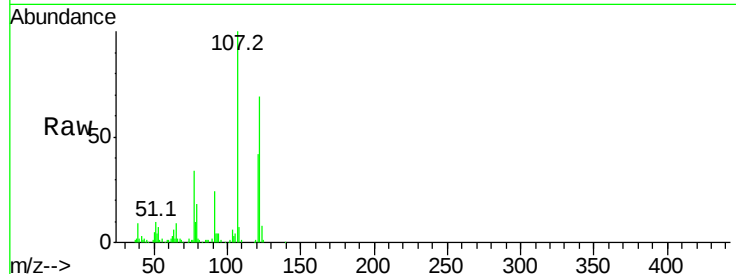
#27  
2,4-Dimethylphenol  
Concen: 37.816 ng  
RT: 10.03 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 144.1 | 100.2 | 150.2 |
| 121     | 60.0  | 44.4  | 66.6  |

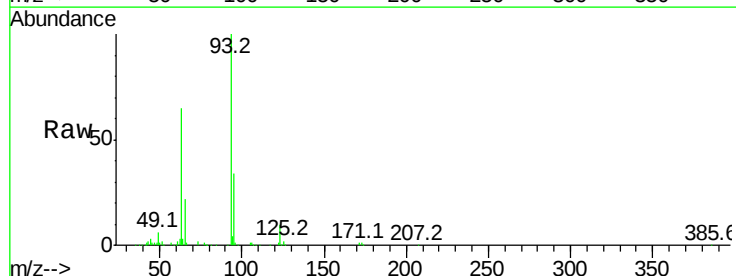
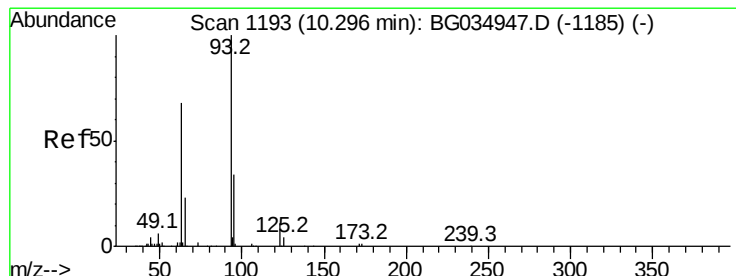
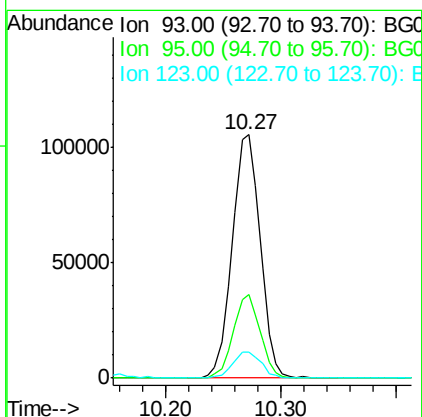
Manual Integrations  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 39.514 ng  
RT: 10.27 min Scan# 1189  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.4  | 24.3  | 36.5  |
| 123     | 10.5  | 8.4   | 12.6  |





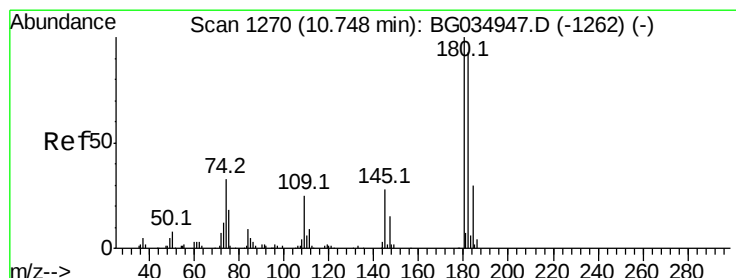
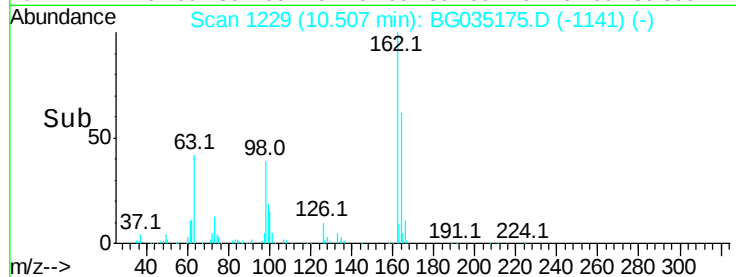
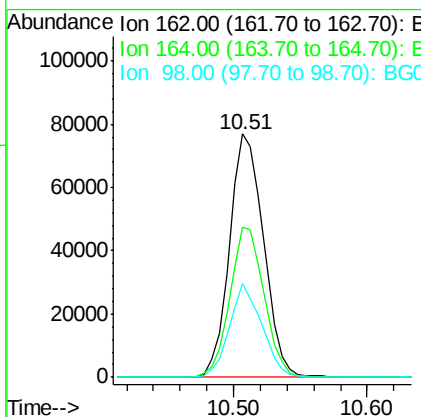
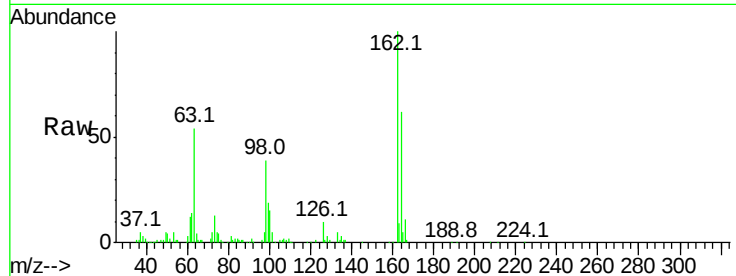
#29  
 2,4-Dichlorophenol  
 Concen: 42.927 ng  
 RT: 10.51 min Scan# 1229  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 61.9  | 48.0       | 88.0  |
| 98      | 38.5  | 21.1       | 61.1  |

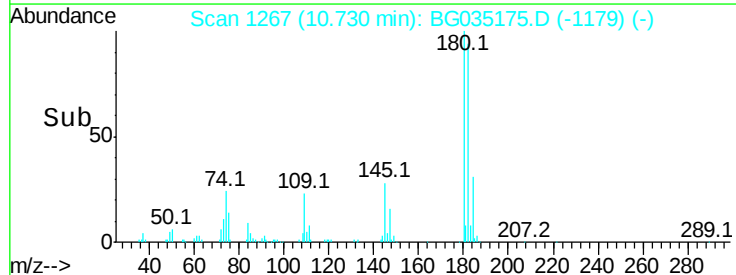
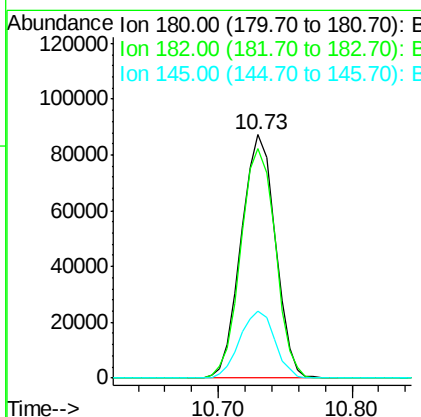
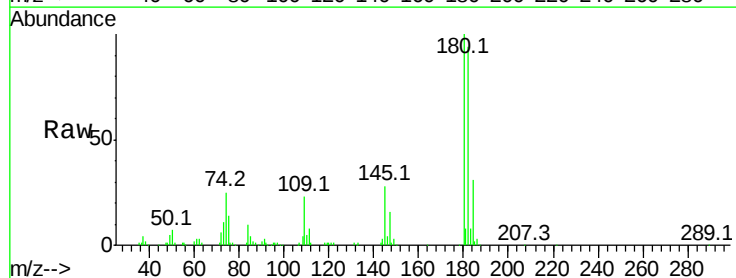
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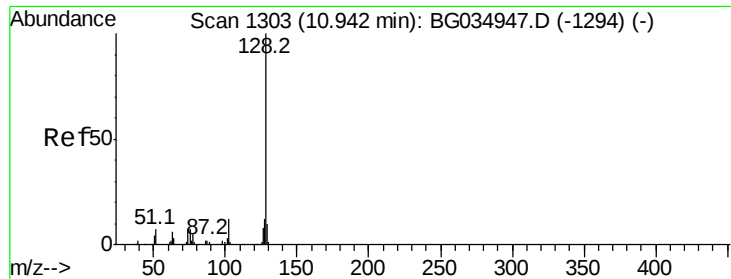
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.485 ng  
 RT: 10.73 min Scan# 1267  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 94.3  | 77.5       | 116.3 |
| 145     | 27.5  | 23.4       | 35.2  |





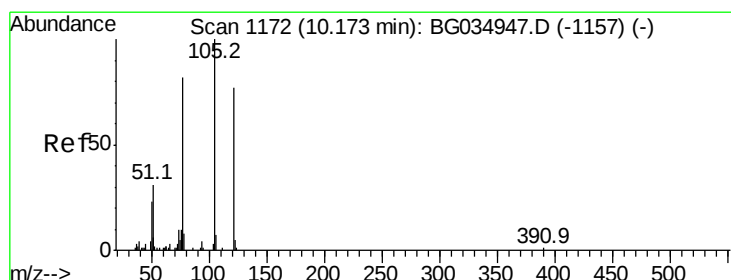
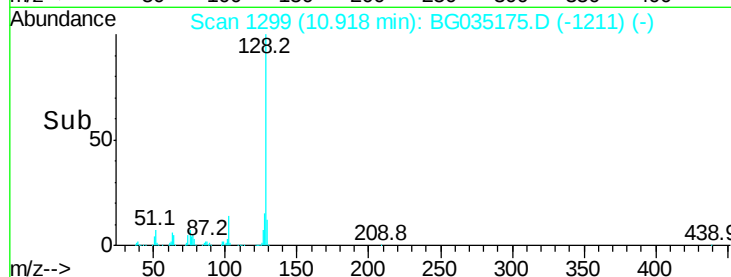
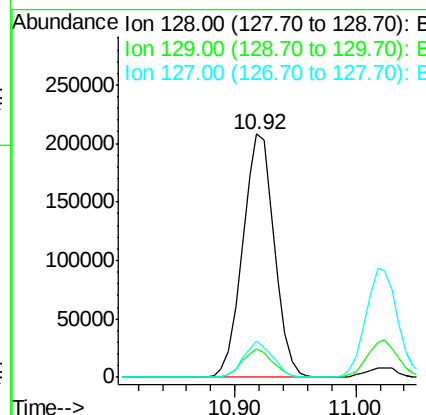
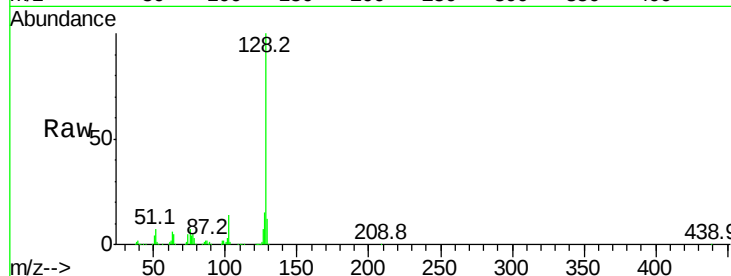
#31  
Naphthalene  
Concen: 38.837 ng  
RT: 10.92 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 8.6   | 12.8  |
| 127     | 14.8  | 11.6  | 17.4  |

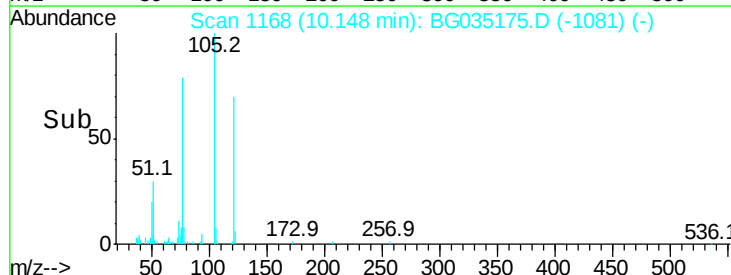
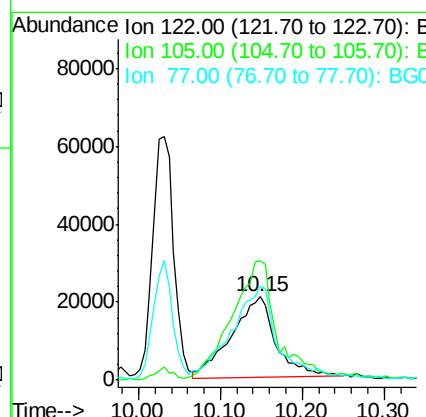
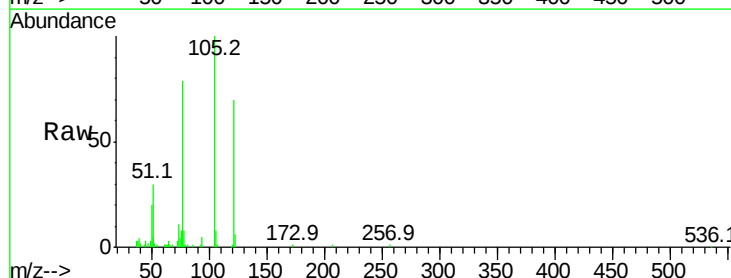
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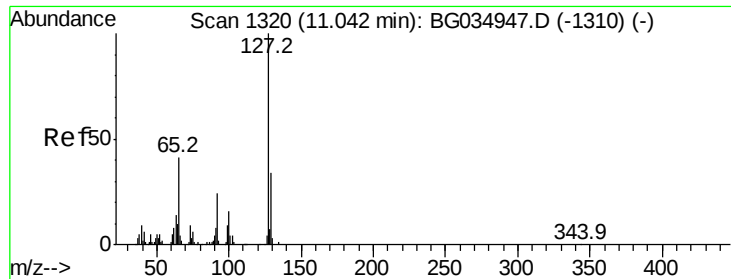
Sohil  
6/18/2018 10:42:34 AM



#32  
Benzoic acid  
Concen: 40.264 ng  
RT: 10.15 min Scan# 1168  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 143.7 | 123.5 | 163.5 |
| 77      | 113.5 | 85.7  | 125.7 |





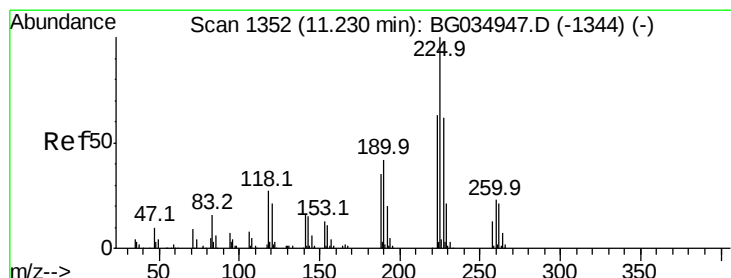
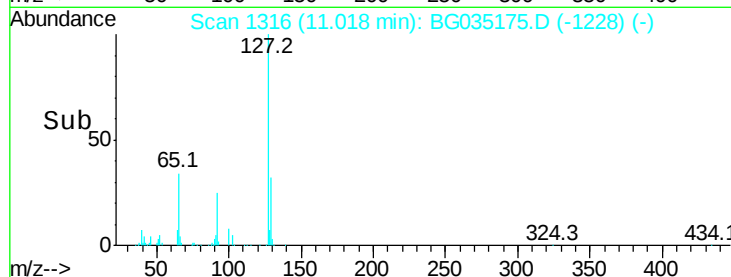
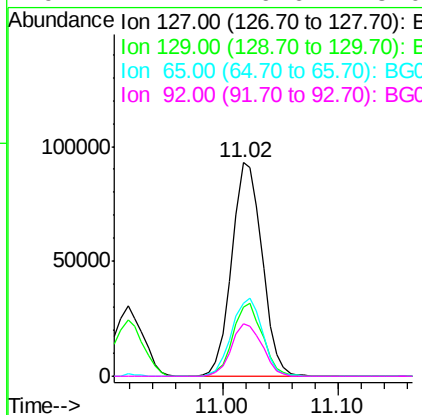
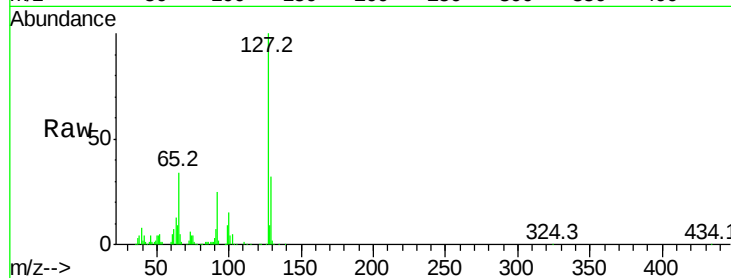
#33  
4-Chloroaniline  
Concen: 40.056 ng  
RT: 11.02 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.2  | 24.0       | 36.0  |
| 65      | 34.2  | 27.0       | 40.4  |
| 92      | 24.7  | 16.6       | 25.0  |

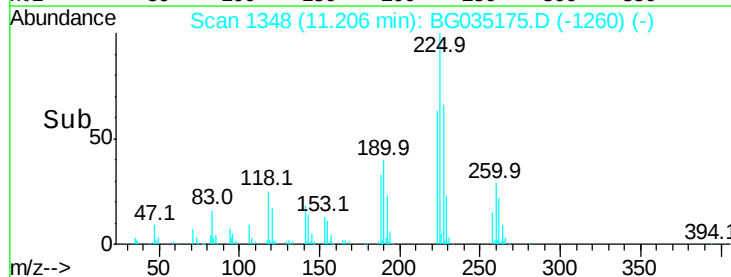
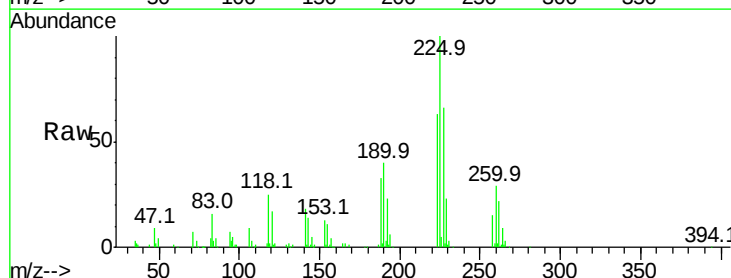
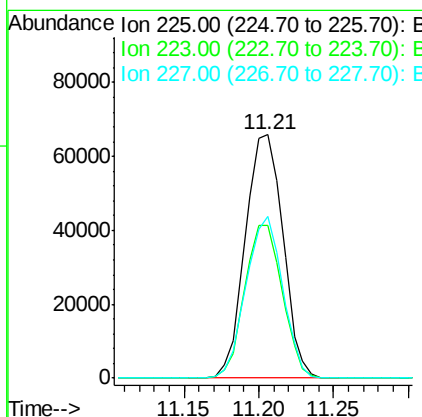
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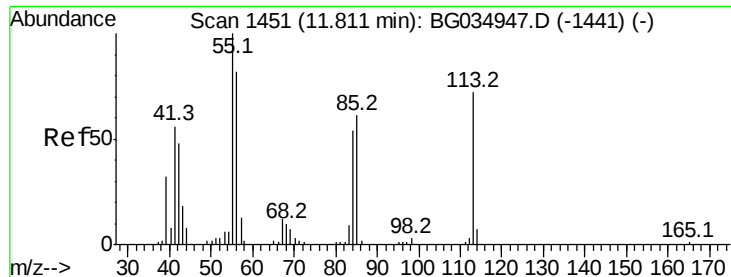
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 38.775 ng  
RT: 11.21 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 62.6  | 49.7       | 74.5  |
| 227     | 66.4  | 48.1       | 72.1  |





#35

Caprolactam

Concen: 42.799 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 50390

Ion Ratio Lower Upper

113 100

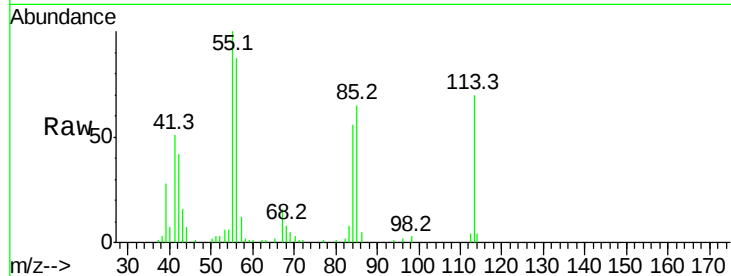
55 142.2 186.9 226.9#

56 123.4 130.9 170.9#

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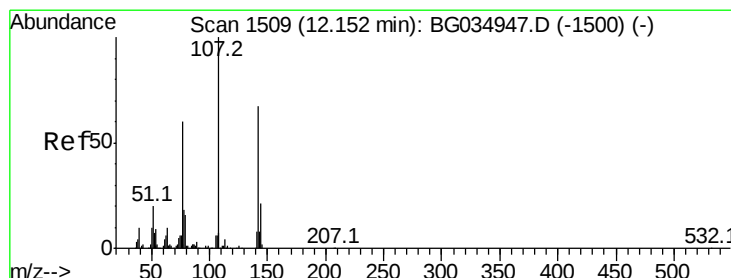
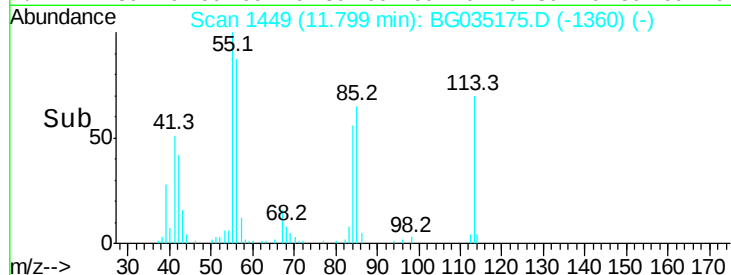
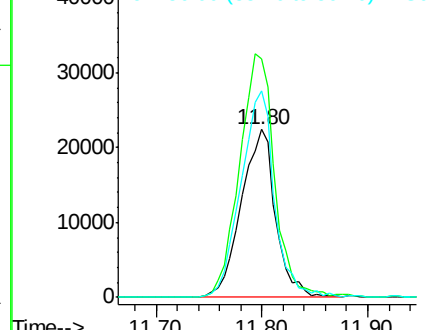
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.574 ng

RT: 12.13 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

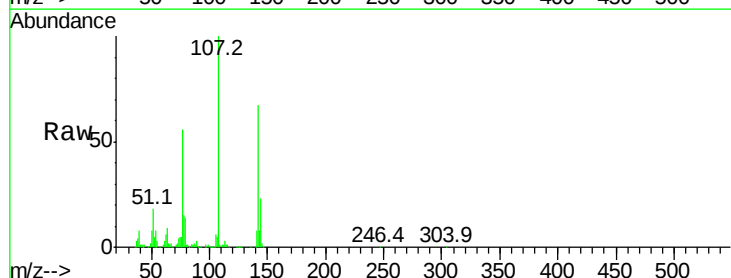
Tgt Ion:107 Resp: 169070

Ion Ratio Lower Upper

107 100

144 22.7 18.2 27.4

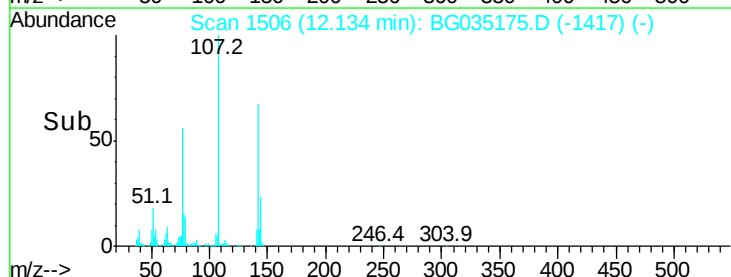
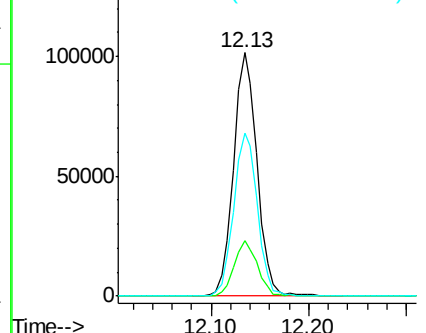
142 67.0 59.0 88.4

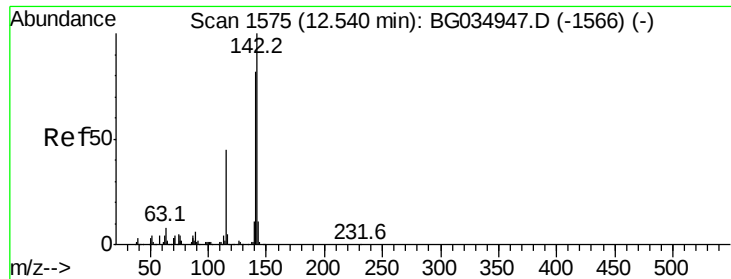


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





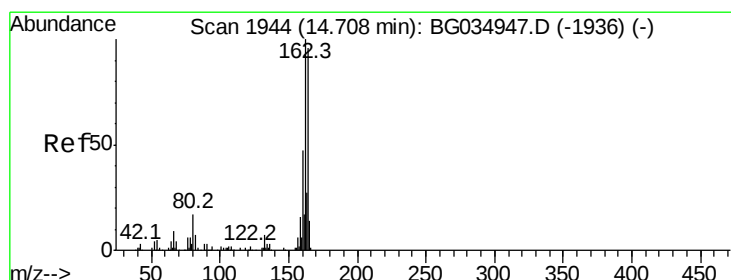
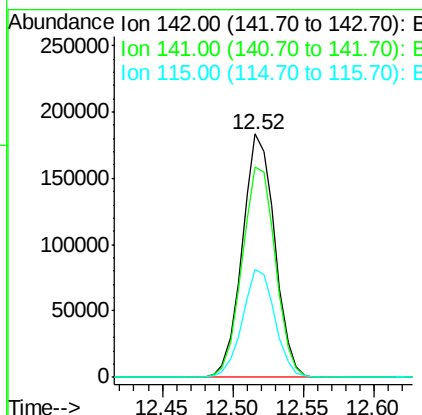
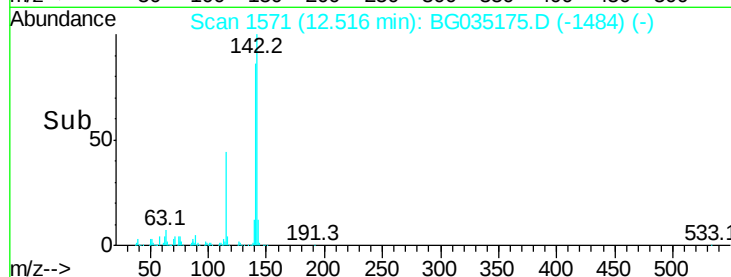
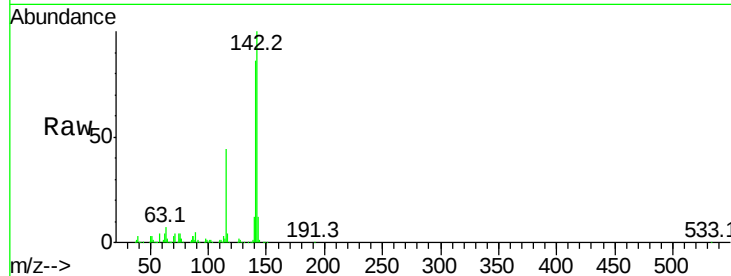
#37  
2-Methylnaphthalene  
Concen: 39.990 ng  
RT: 12.52 min Scan# 1571  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 295450 |       |       |
| 141     | 86.4  | 67.1   | 100.7 |       |
| 115     | 44.4  | 30.7   | 46.1  |       |

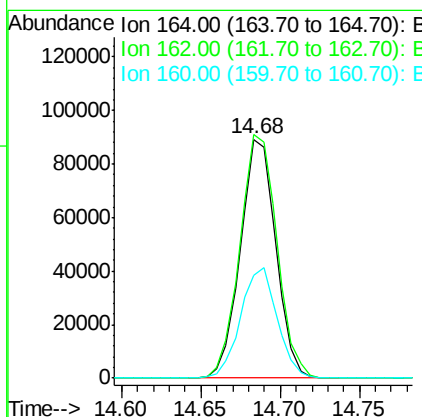
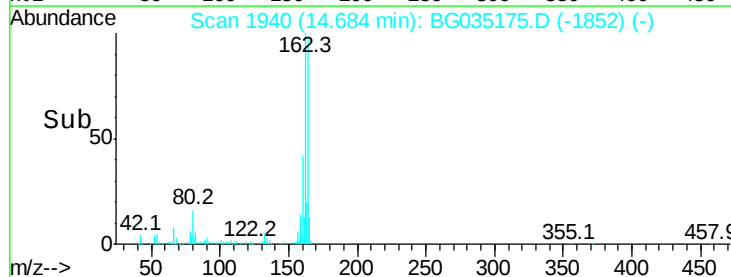
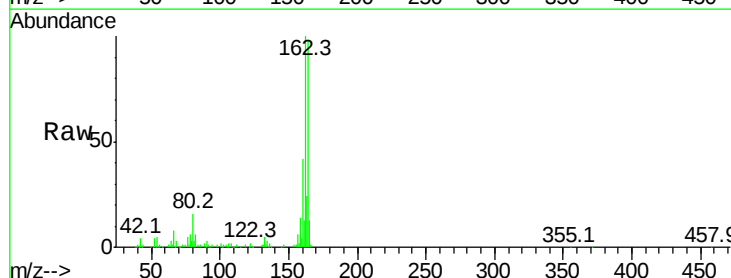
Manual Integrations  
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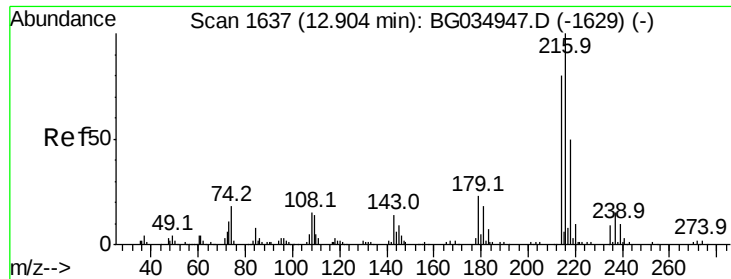
Sohil  
6/18/2018 10:42:34 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.68 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 138233 |       |       |
| 162     | 102.1 | 78.8   | 118.2 |       |
| 160     | 43.2  | 35.4   | 53.0  |       |





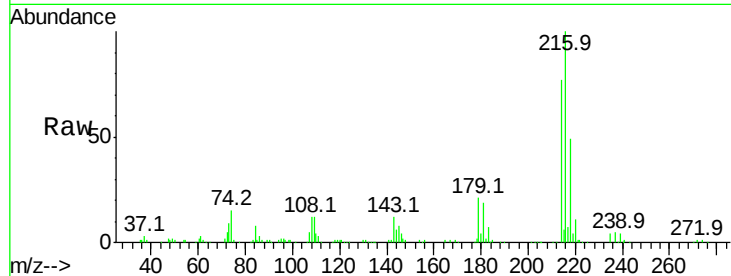
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.875 ng  
 RT: 12.89 min Scan# 1634  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

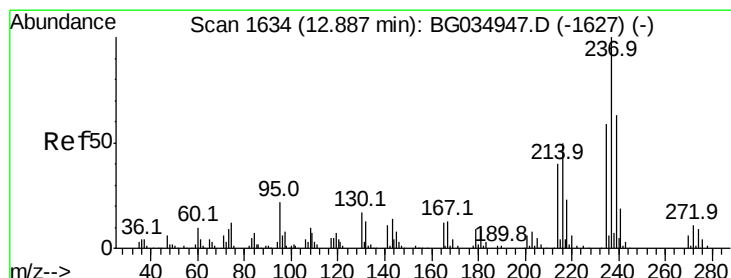
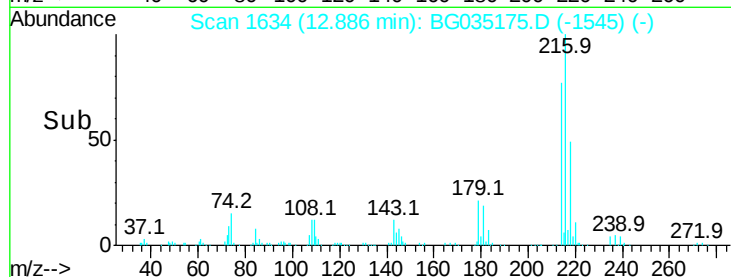
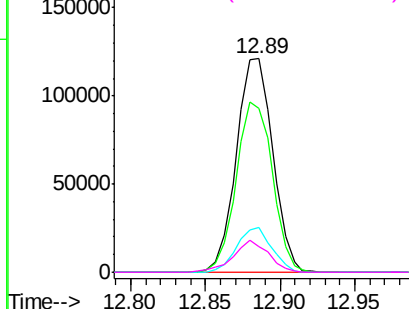
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 205312 |       |       |
| 214     | 79.0  | 63.0   | 94.4  |       |
| 179     | 20.1  | 17.0   | 25.6  |       |
| 108     | 14.4  | 12.8   | 19.2  |       |

Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:42:34 AM

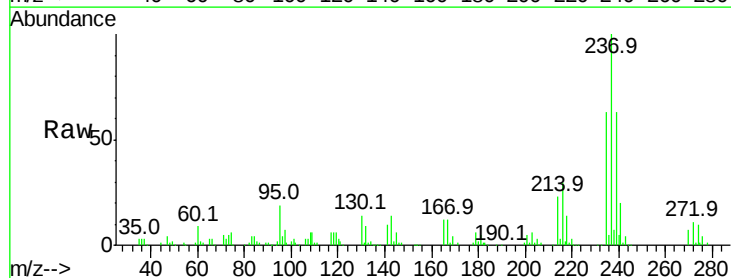


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

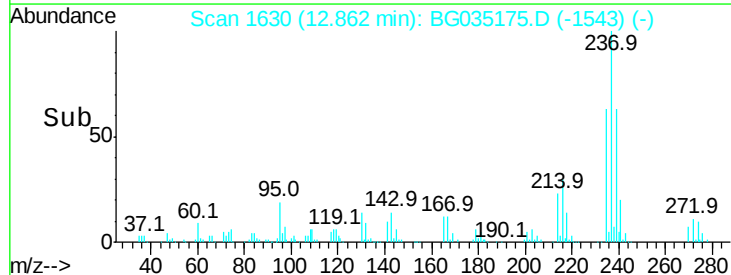
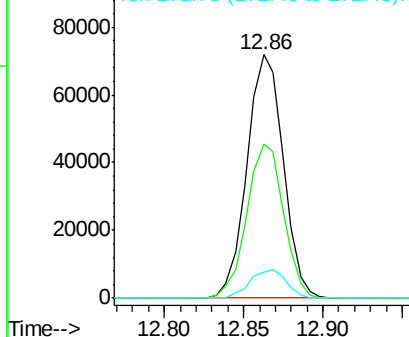


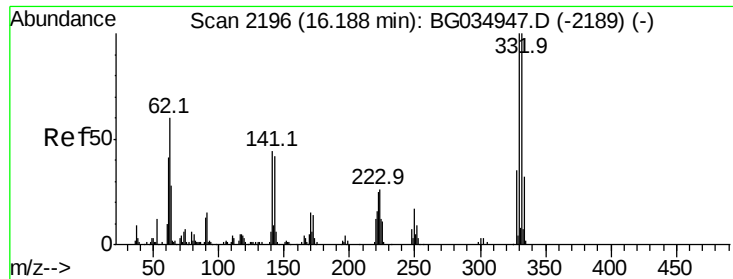
#40  
 Hexachlorocyclopentadiene  
 Concen: 35.454 ng  
 RT: 12.86 min Scan# 1630  
 Delta R.T. -0.02 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 114475 |       |       |
| 235     | 63.4  | 50.4   | 90.4  |       |
| 272     | 10.9  | 0.0    | 31.8  |       |



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





#41

2,4,6-Tribromophenol

Concen: 88.497 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

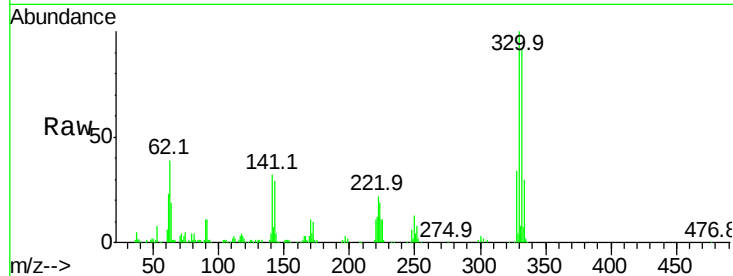
ClientSampleId :

SSTDCCC040

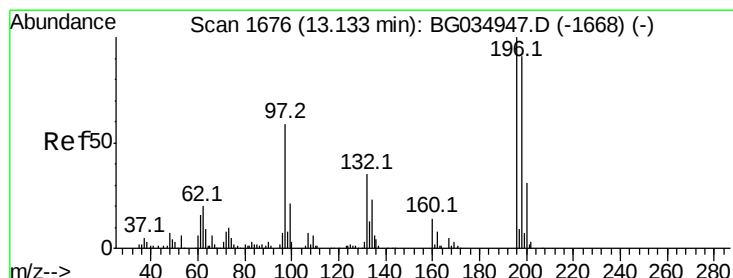
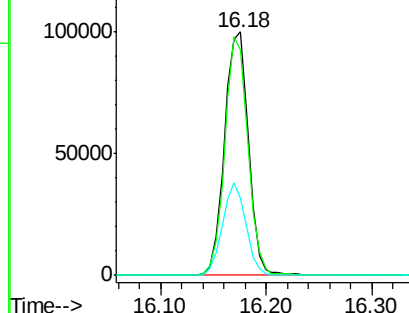
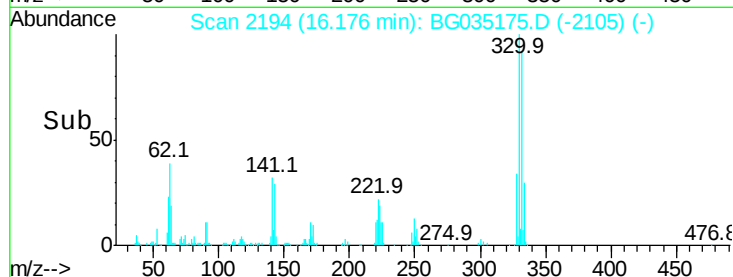
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 156600 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.8  | 77.0  | 115.6  |
| 141       | 37.0  | 25.2  | 37.8   |

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6/18/2018 10:42:34 AM



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



#42

2,4,6-Trichlorophenol

Concen: 42.104 ng

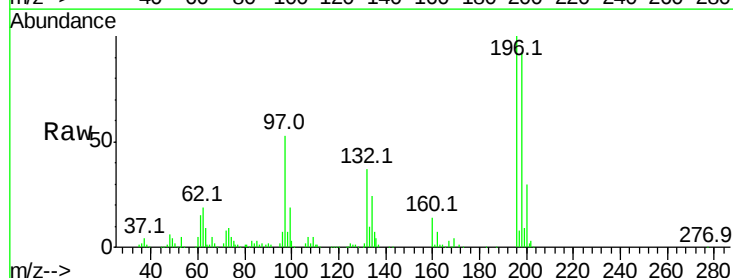
RT: 13.12 min Scan# 1673

Delta R.T. -0.01 min

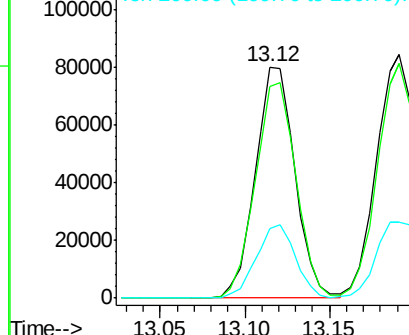
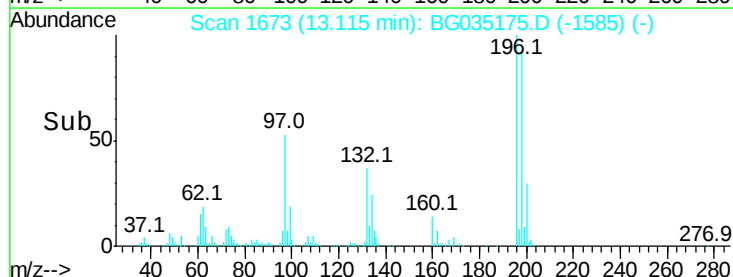
Lab File: BG035175.D

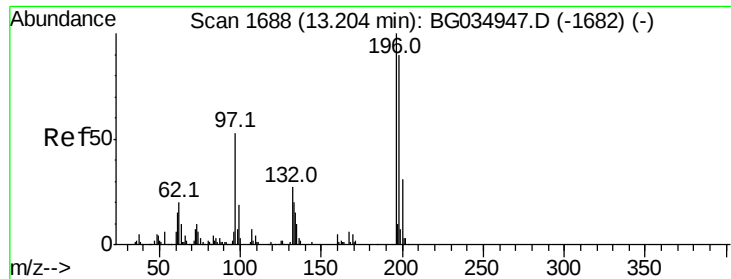
Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 129808 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 91.6  | 78.2  | 117.2  |
| 200       | 30.1  | 24.6  | 36.8   |



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





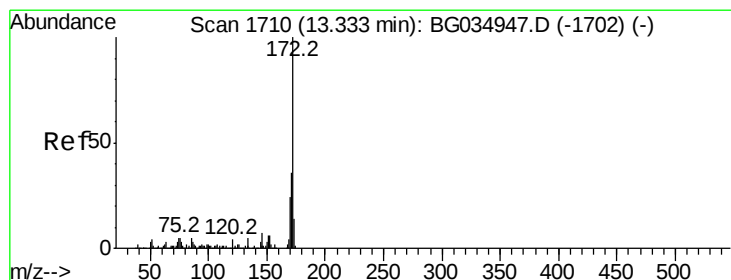
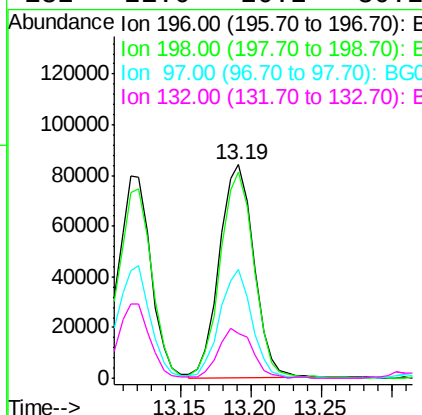
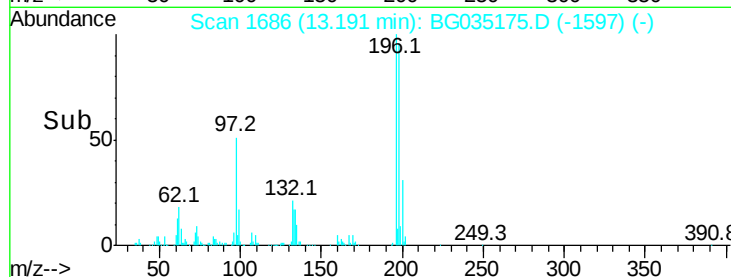
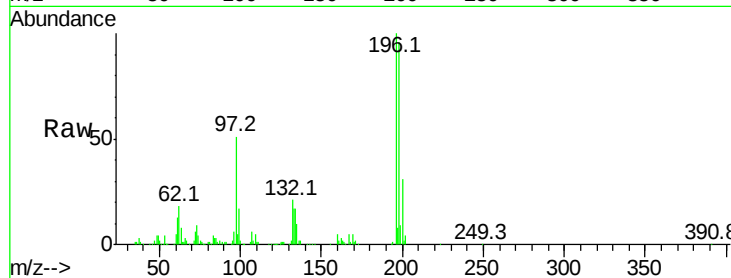
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.405 ng  
 RT: 13.19 min Scan# 1686  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 143496 |       |       |
| 198     | 96.2 | 76.2  | 114.4  |       |       |
| 97      | 51.0 | 38.7  | 58.1   |       |       |
| 132     | 21.0 | 20.2  | 30.2   |       |       |

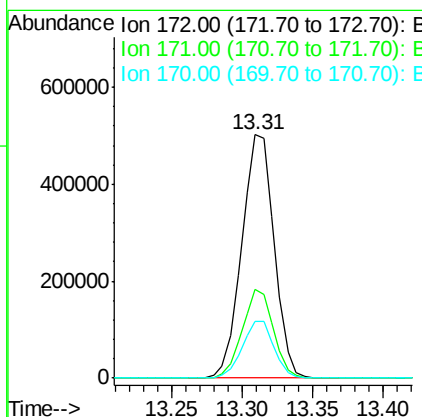
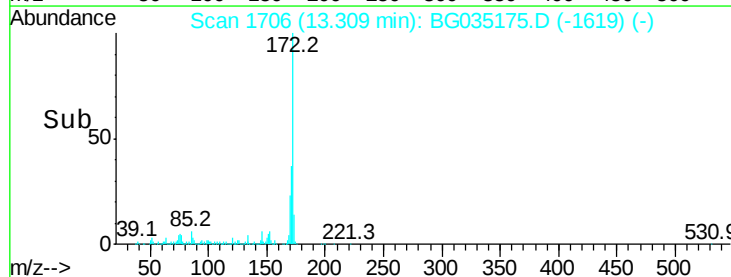
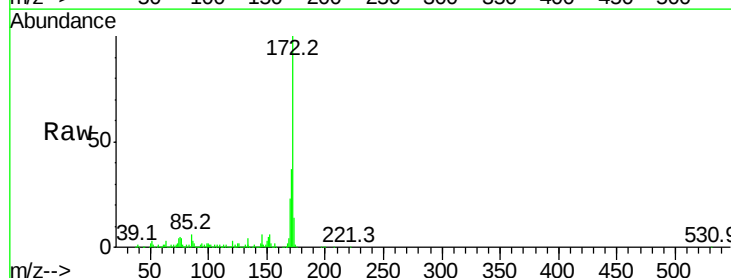
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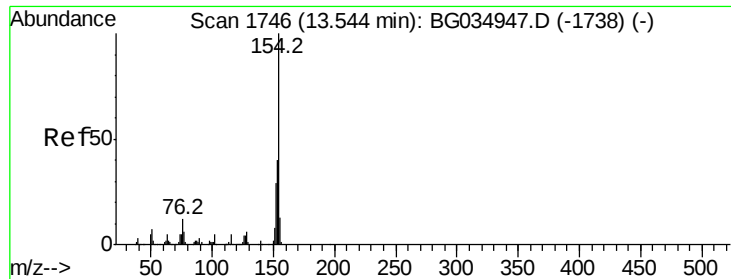
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#44  
 2-Fluorobiphenyl  
 Concen: 75.688 ng  
 RT: 13.31 min Scan# 1706  
 Delta R.T. -0.02 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 804818 |       |       |
| 171     | 36.5 | 30.0  | 45.0   |       |       |
| 170     | 23.1 | 19.5  | 29.3   |       |       |





#45

1,1'-Biphenyl

Concen: 37.918 ng

RT: 13.52 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

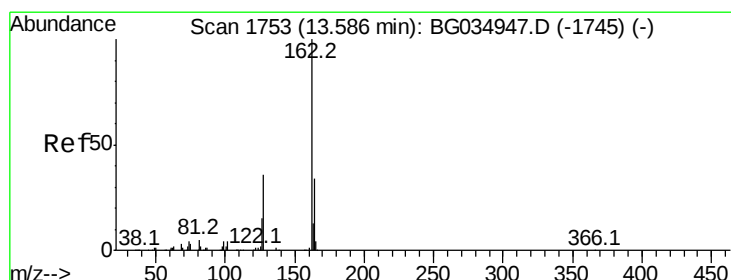
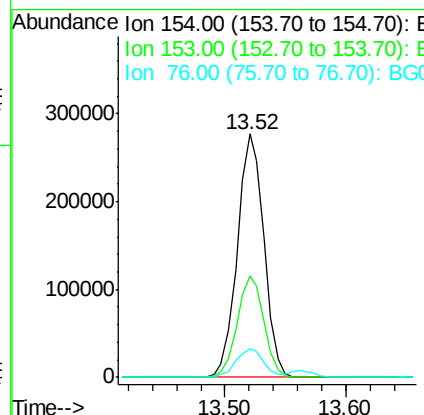
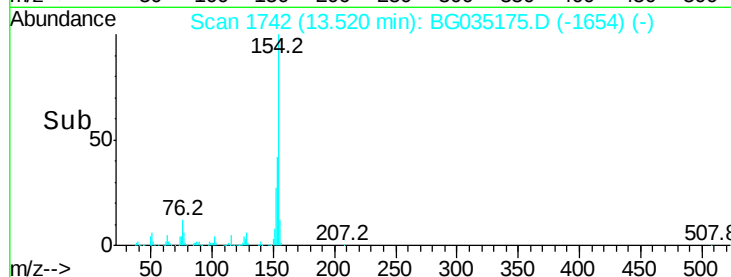
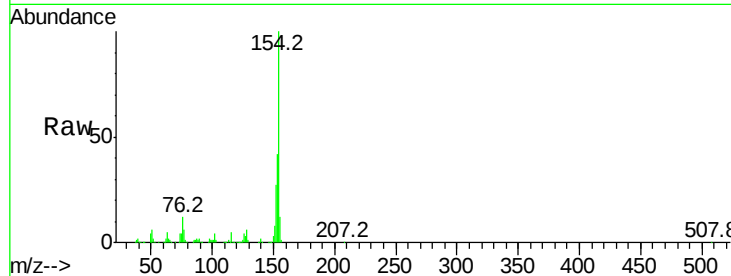
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 421473 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.9  | 19.8  | 59.8   |
| 76        | 11.7  | 0.0   | 31.9   |

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#46

2-Chloronaphthalene

Concen: 38.641 ng

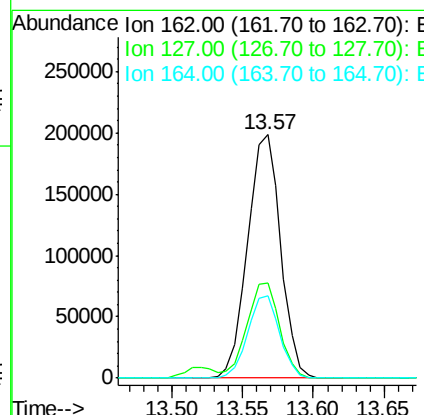
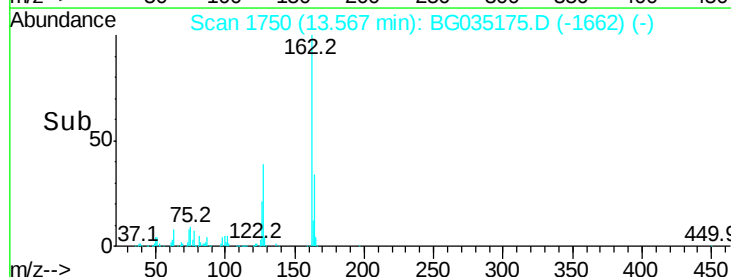
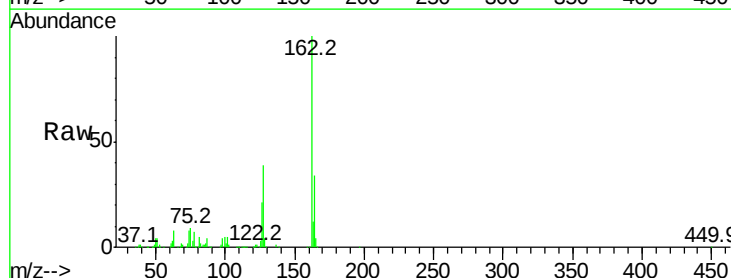
RT: 13.57 min Scan# 1750

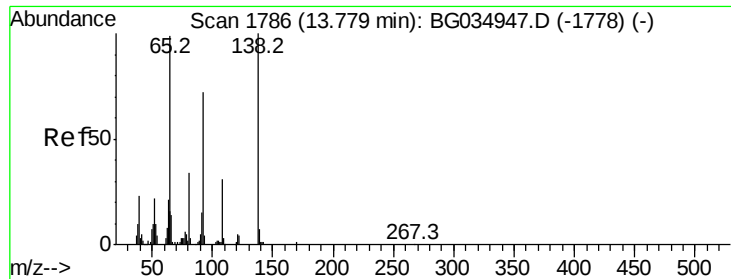
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 324735 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.0  | 30.7  | 46.1   |
| 164       | 33.8  | 26.0  | 39.0   |





#47

2-Nitroaniline

Concen: 45.891 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

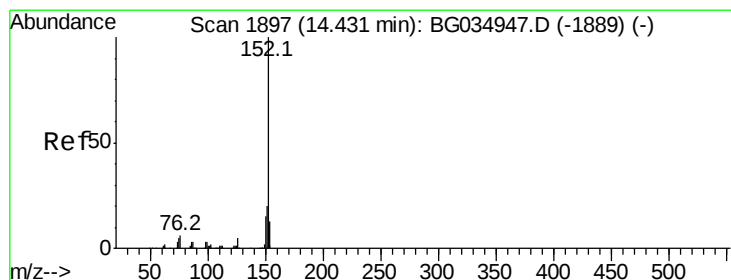
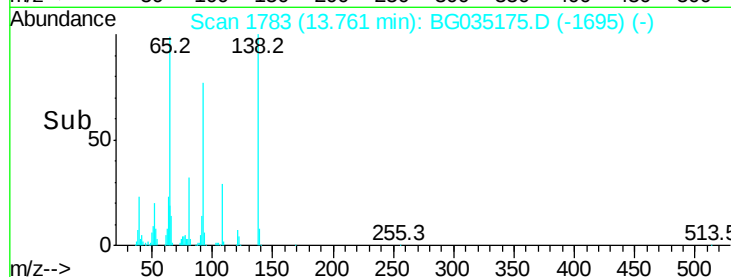
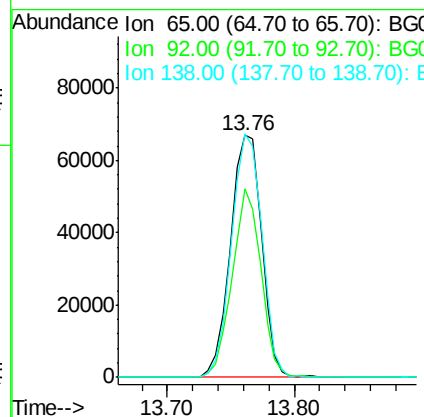
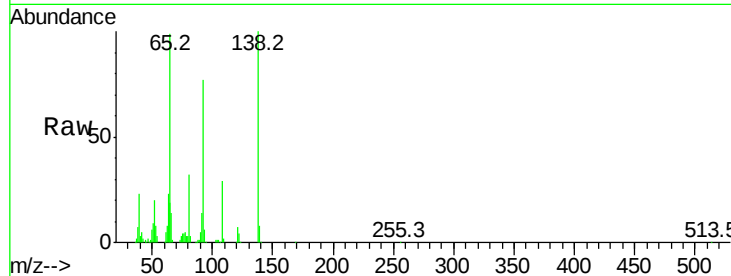
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 77.9  | 54.6  | 82.0  |
| 138     | 100.5 | 72.9  | 109.3 |

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#48

Acenaphthylene

Concen: 38.679 ng

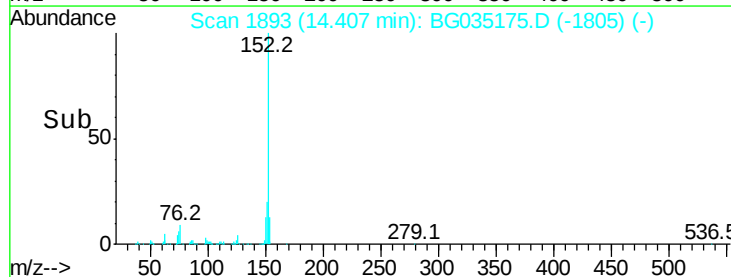
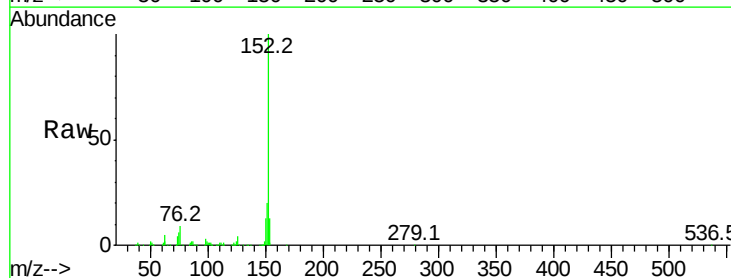
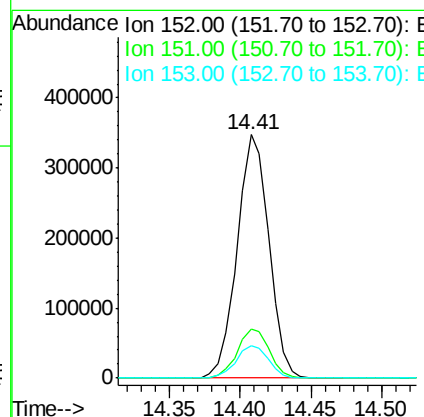
RT: 14.41 min Scan# 1893

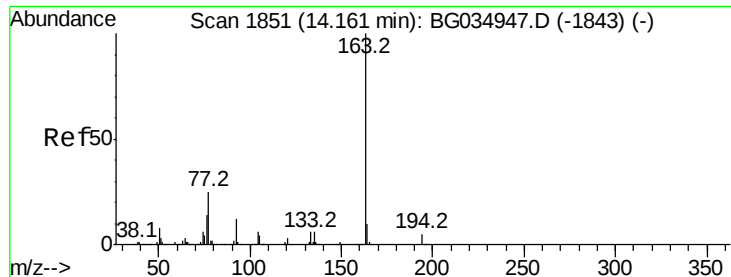
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 17.2  | 25.8  |
| 153     | 13.3  | 10.2  | 15.4  |





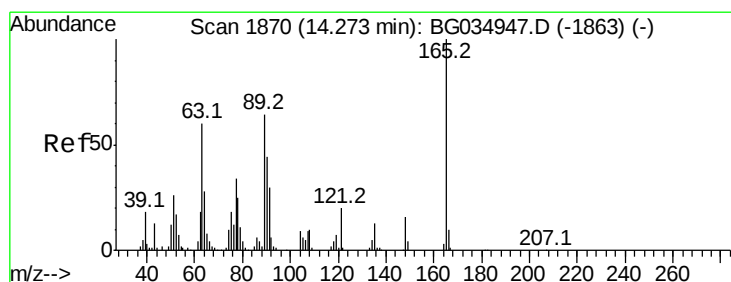
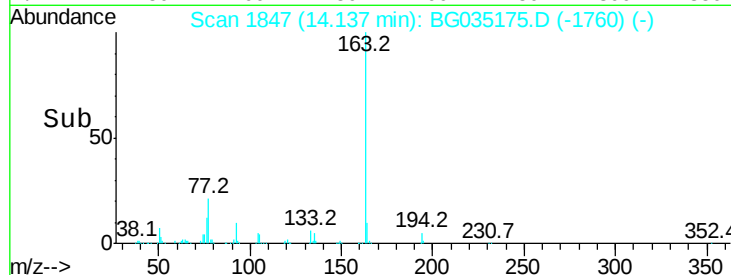
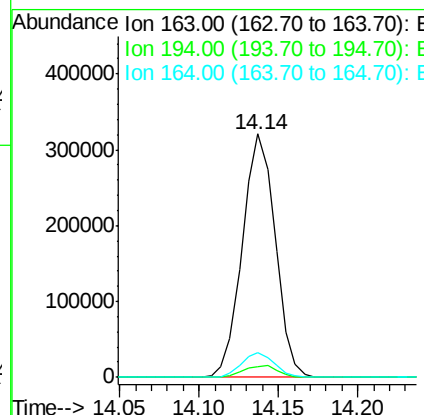
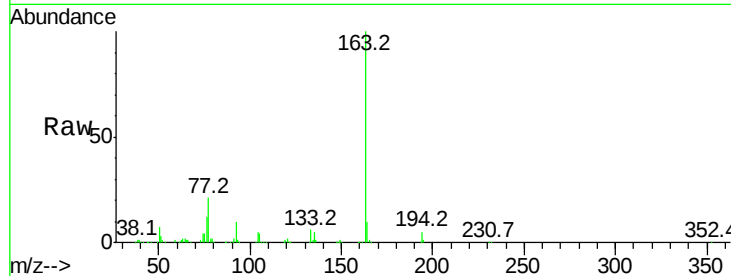
#49  
Dimethylphthalate  
Concen: 38.392 ng  
RT: 14.14 min Scan# 1847  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 4.5   | 3.4  | 5.2   |       |
| 164     | 10.0  | 8.2  | 12.4  |       |

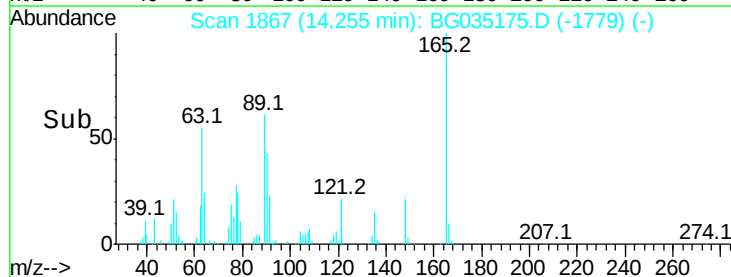
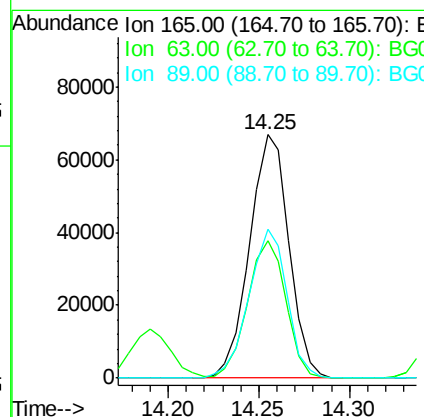
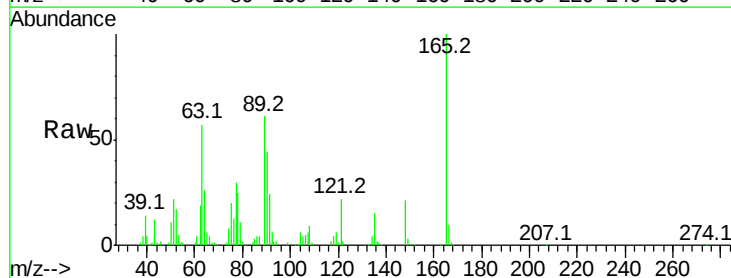
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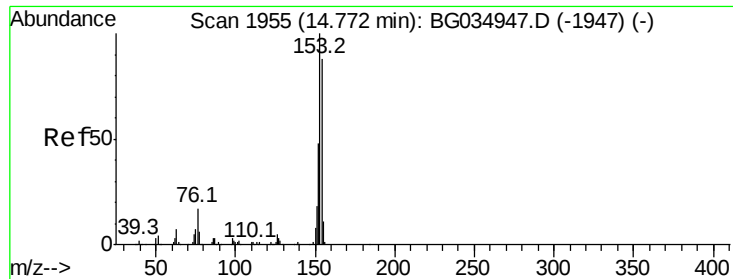
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#50  
2,6-Dinitrotoluene  
Concen: 46.178 ng  
RT: 14.25 min Scan# 1867  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 56.5  | 52.7 | 79.1  |       |
| 89      | 61.3  | 49.2 | 73.8  |       |





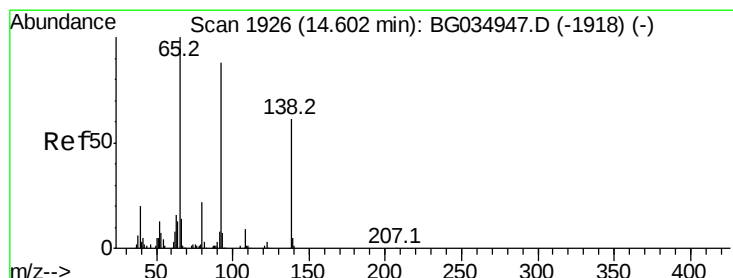
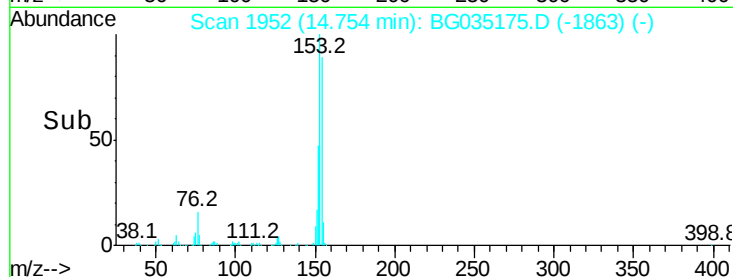
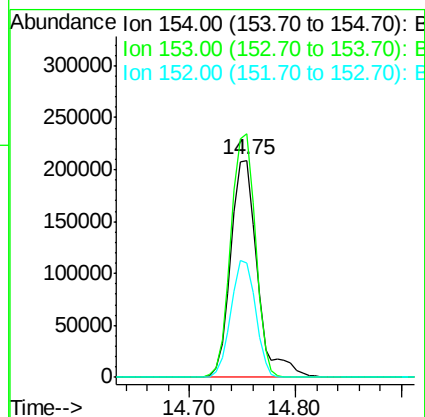
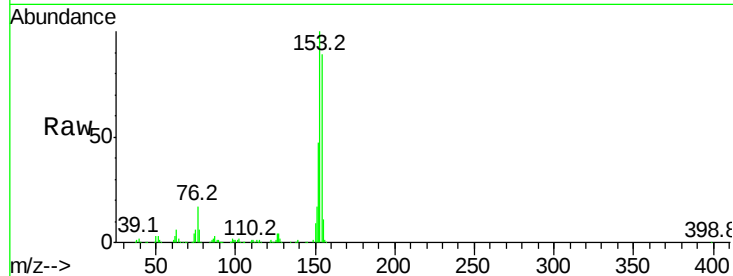
#51  
Acenaphthene  
Concen: 39.590 ng  
RT: 14.75 min Scan# 1952  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.2 | 90.4  | 135.6 |
| 152     | 52.9  | 41.6  | 62.4  |

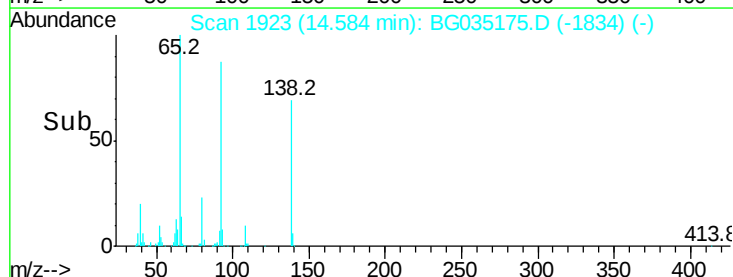
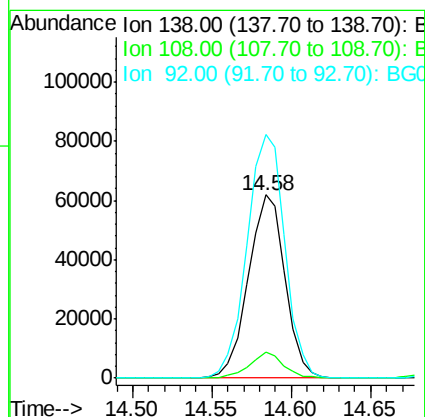
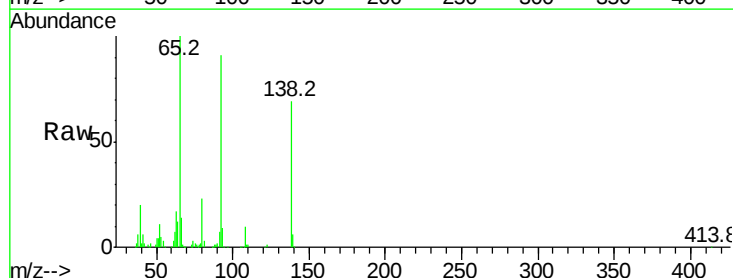
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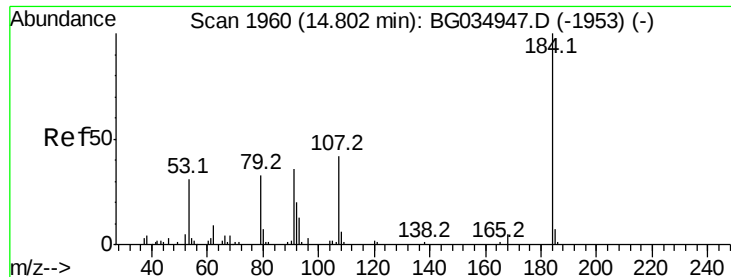
Sohil  
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#52  
3-Nitroaniline  
Concen: 46.103 ng  
RT: 14.58 min Scan# 1923  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 14.2  | 17.5  | 26.3# |
| 92      | 133.0 | 105.8 | 158.8 |





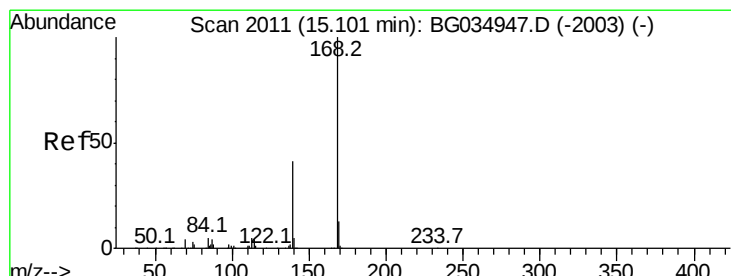
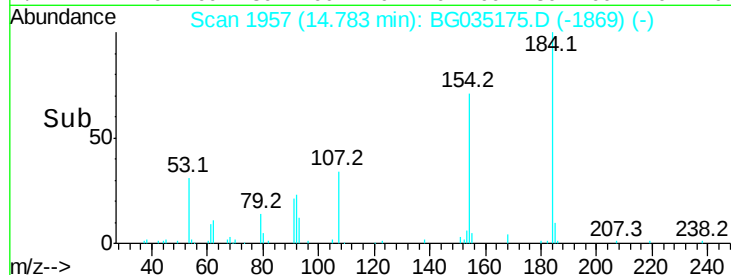
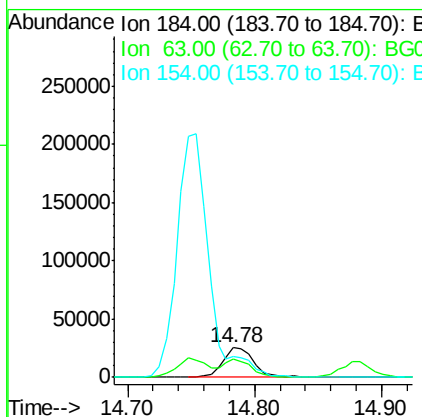
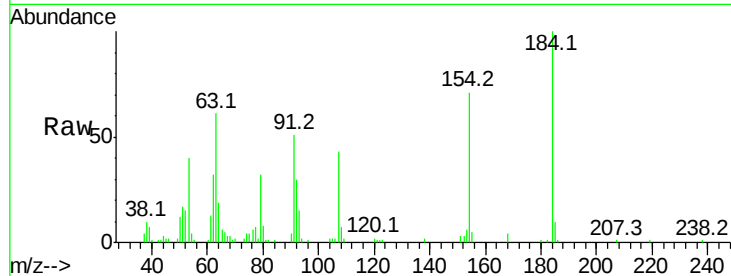
#53  
 2,4-Dinitrophenol  
 Concen: 48.479 ng  
 RT: 14.78 min Scan# 1957  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 60.6  | 59.8  | 89.8   |
| 154     | 70.9  | 101.8 | 152.8# |

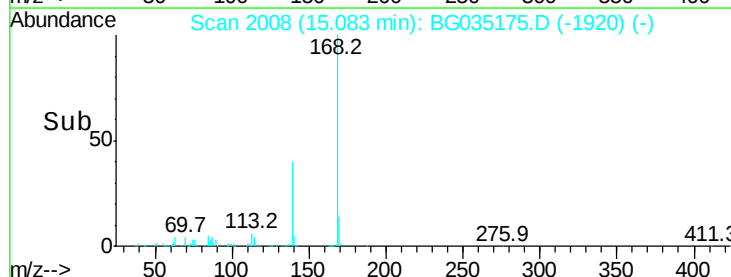
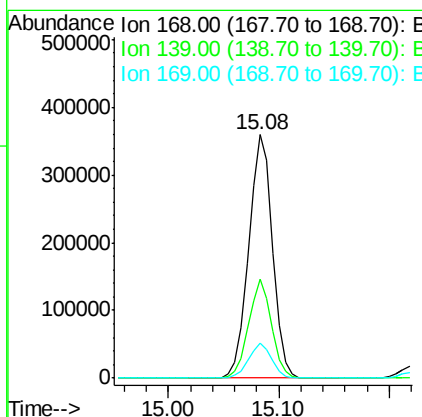
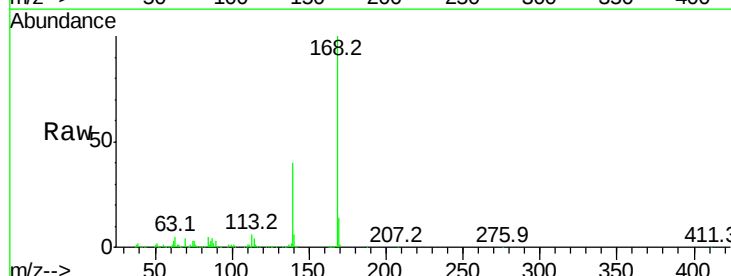
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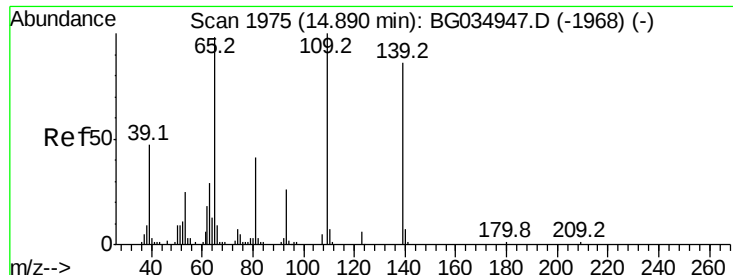
Sohil  
 6/18/2018 10:42:34 AM



#54  
 Dibenzofuran  
 Concen: 39.171 ng  
 RT: 15.08 min Scan# 2008  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.4  | 28.6  | 43.0  |
| 169     | 14.4  | 11.2  | 16.8  |





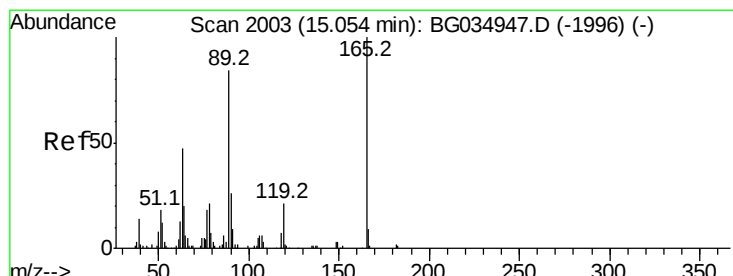
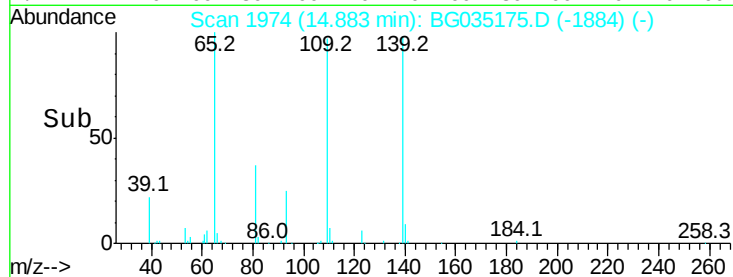
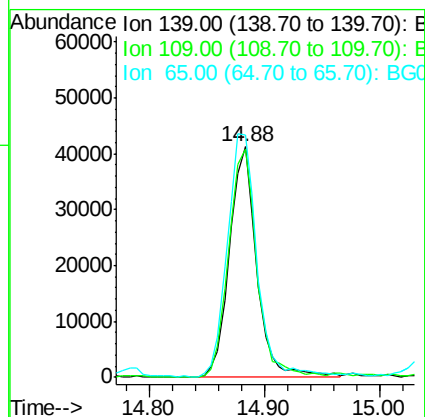
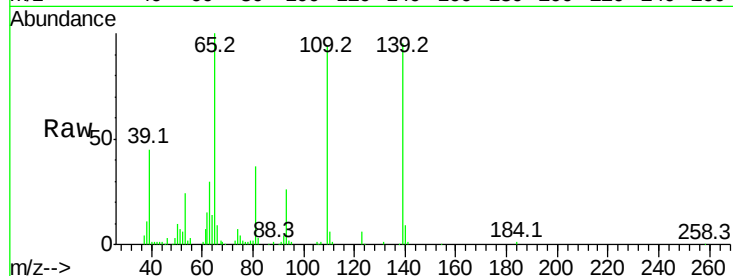
#55  
4-Nitrophenol  
Concen: 37.138 ng  
RT: 14.88 min Scan# 1974  
Delta R.T. -0.00 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 99.1  | 62.2  | 102.2 |
| 65      | 105.2 | 97.2  | 137.2 |

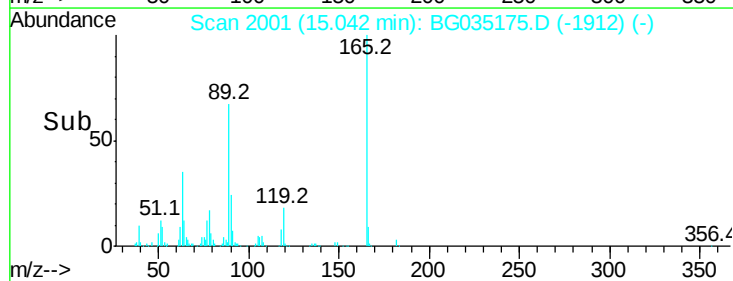
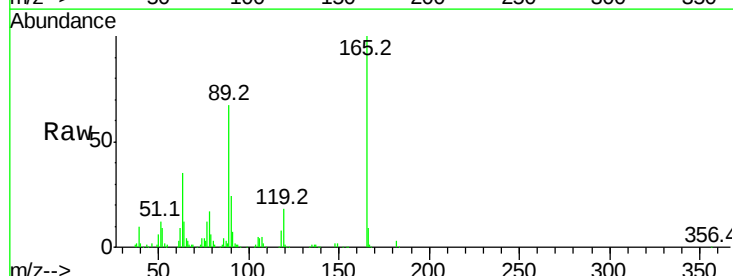
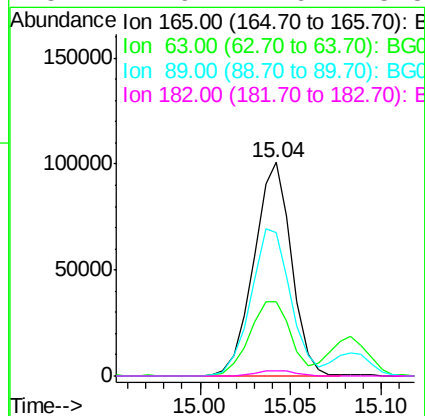
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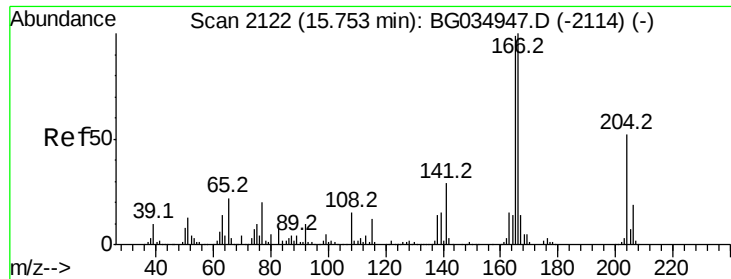
Sohil  
6/18/2018 10:42:34 AM



#56  
2,4-Dinitrotoluene  
Concen: 49.923 ng  
RT: 15.04 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 34.9  | 42.0  | 63.0# |
| 89      | 67.1  | 66.9  | 100.3 |
| 182     | 2.6   | 2.6   | 3.8   |





#57

Fluorene

Concen: 39.004 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

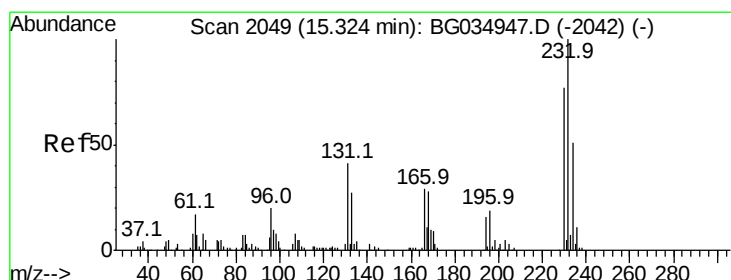
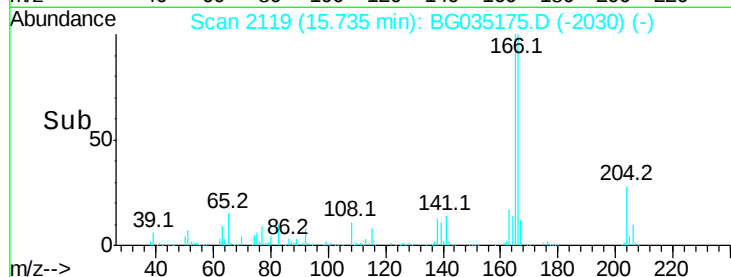
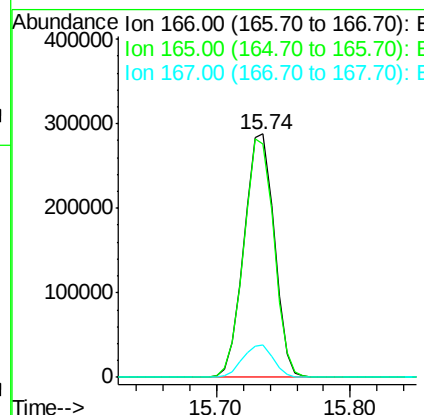
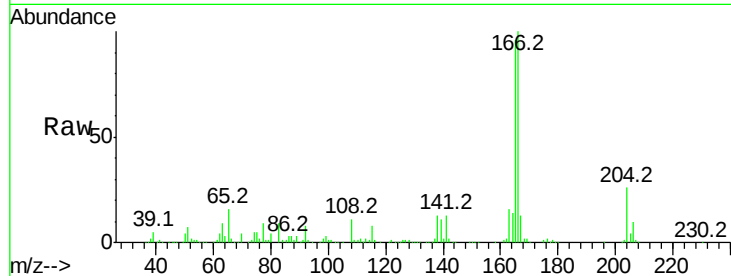
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 449485 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 95.6  | 80.6  | 121.0  |
| 167       | 13.2  | 10.4  | 15.6   |

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6/18/2018 10:42:34 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.472 ng

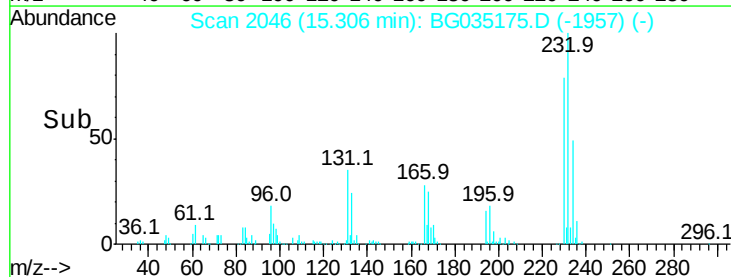
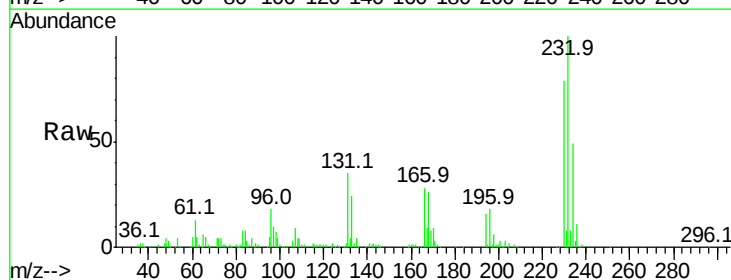
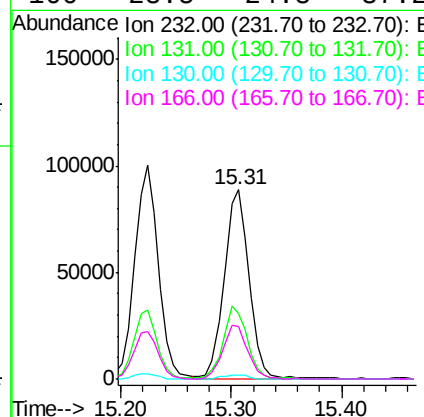
RT: 15.31 min Scan# 2046

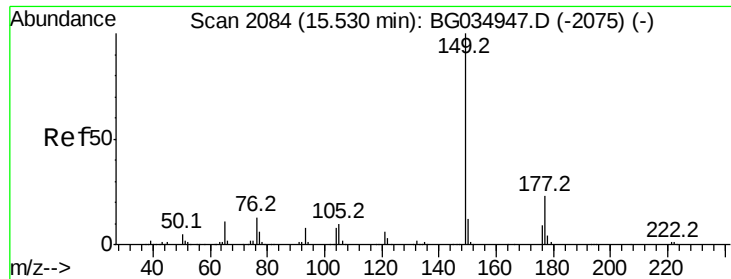
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 139618 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 37.3  | 33.5  | 50.3   |
| 130       | 2.2   | 2.2   | 3.2    |
| 166       | 28.5  | 24.8  | 37.2   |





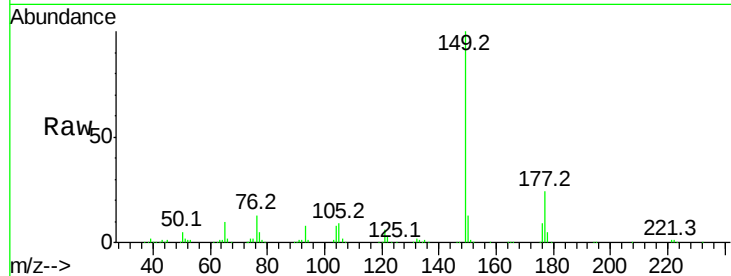
#59  
Diethylphthalate  
Concen: 37.791 ng  
RT: 15.50 min Scan# 2079  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

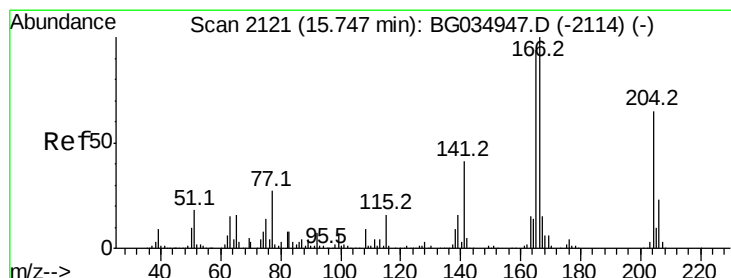
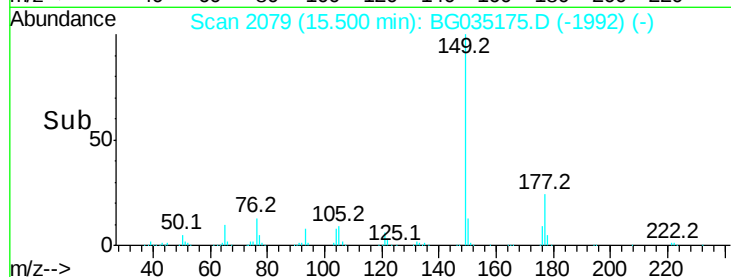
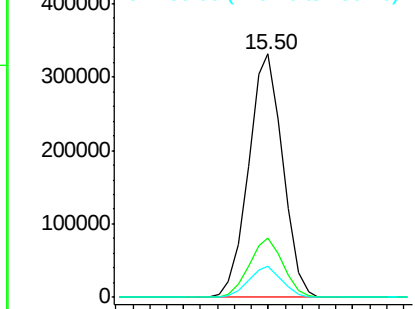
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 464776 |       |       |
| 177     | 24.5  | 18.5   | 27.7  |       |
| 150     | 12.7  | 10.2   | 15.2  |       |

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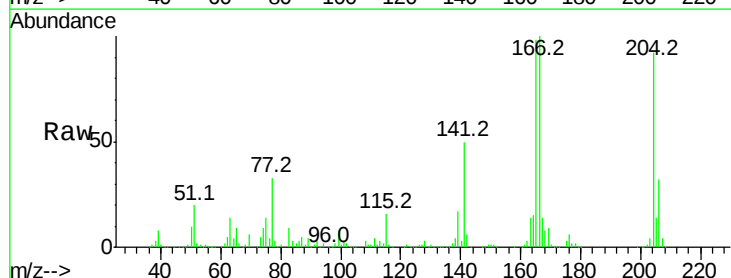


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

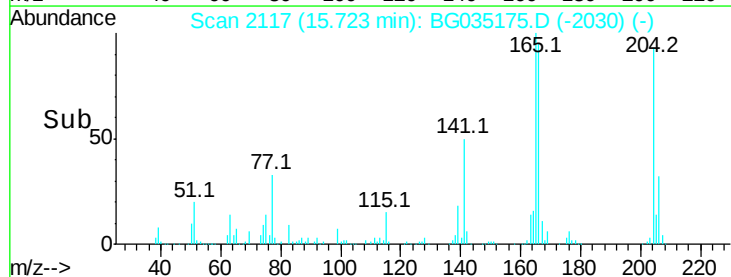
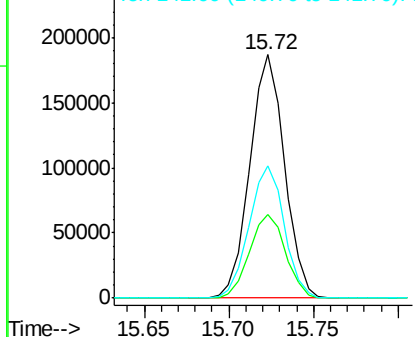


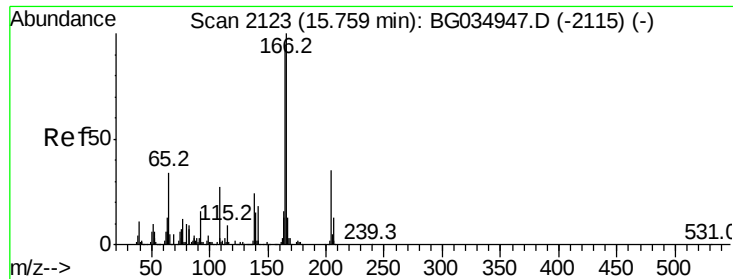
#60  
4-Chlorophenyl-phenylether  
Concen: 40.499 ng  
RT: 15.72 min Scan# 2117  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 266133 |       |       |
| 206     | 34.5  | 26.2   | 39.2  |       |
| 141     | 54.3  | 45.8   | 68.6  |       |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





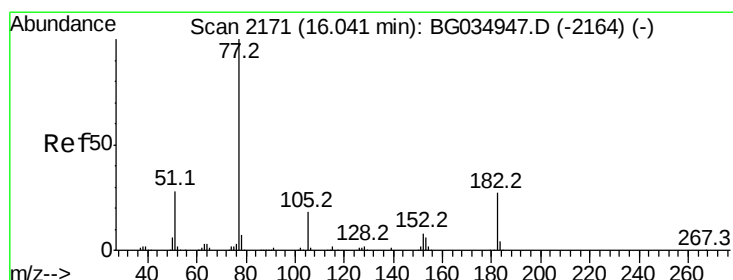
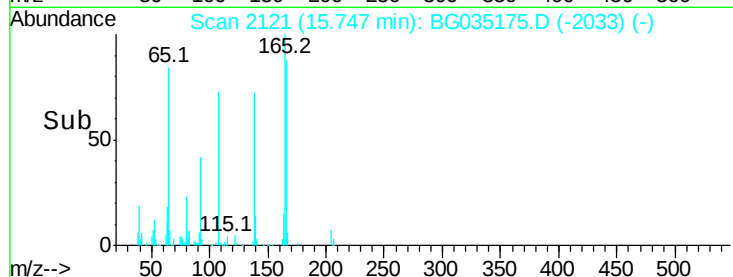
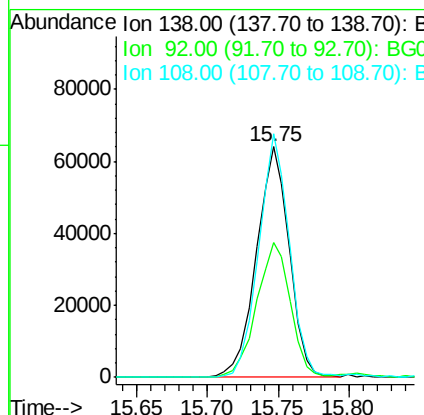
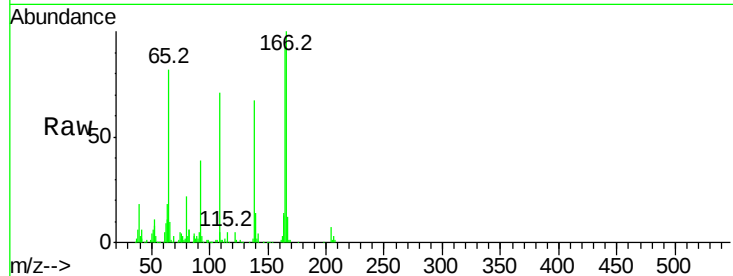
#61  
4-Nitroaniline  
Concen: 45.212 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 58.5  | 40.1  | 80.1   |
| 108     | 105.7 | 65.4  | 105.4# |

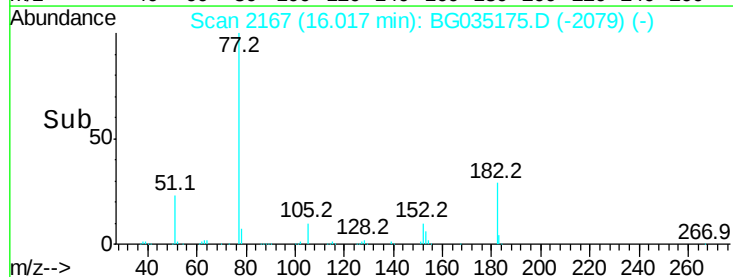
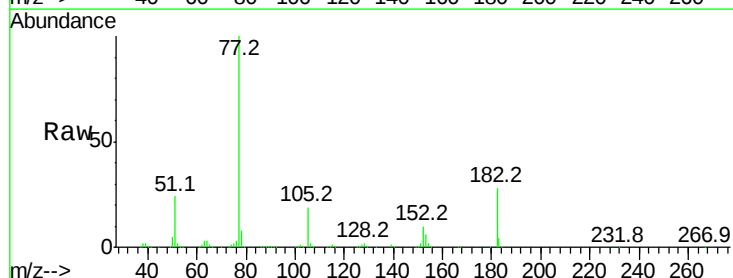
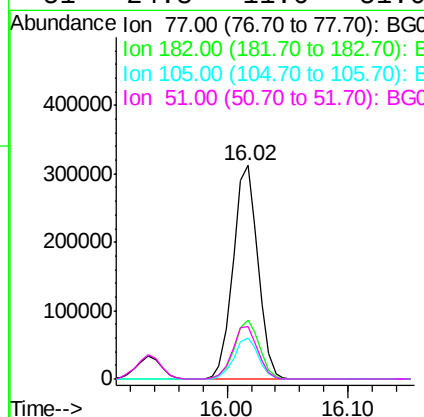
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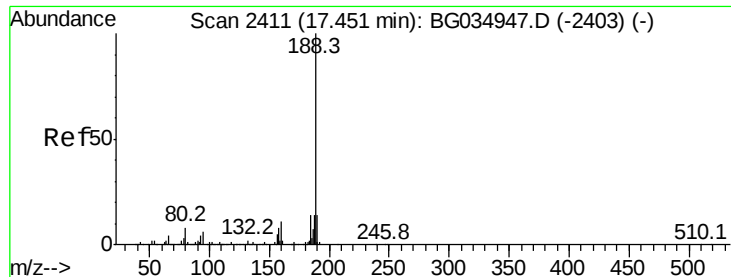
Sohil  
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#62  
Azobenzene  
Concen: 37.004 ng  
RT: 16.02 min Scan# 2167  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.9  | 7.4   | 47.4  |
| 105     | 19.3  | 0.3   | 40.3  |
| 51      | 24.3  | 11.6  | 51.6  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

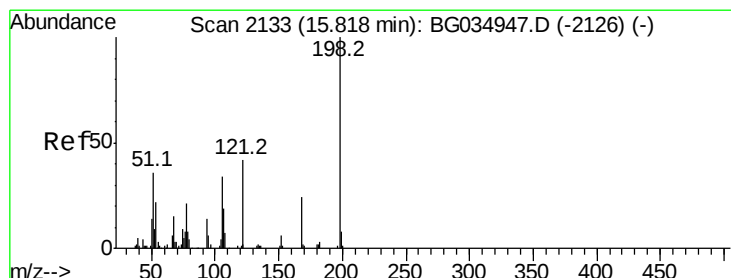
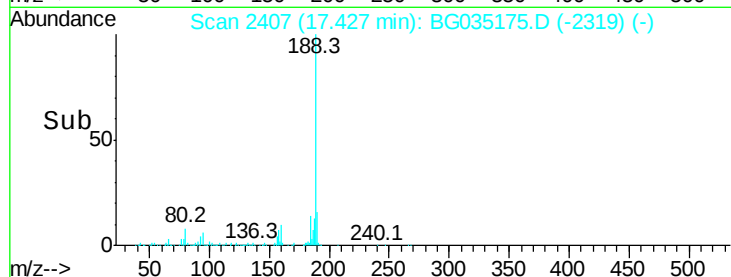
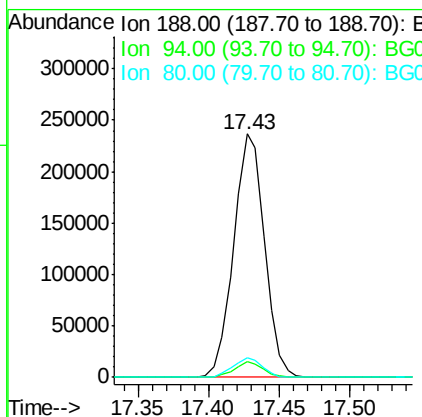
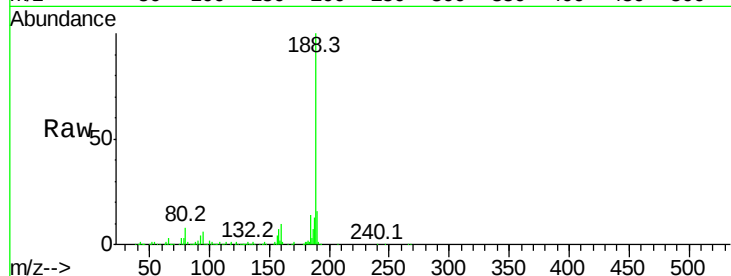
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 360022 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.3   | 6.9   | 10.3#  |
| 80        | 8.2   | 7.7   | 11.5   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.367 ng

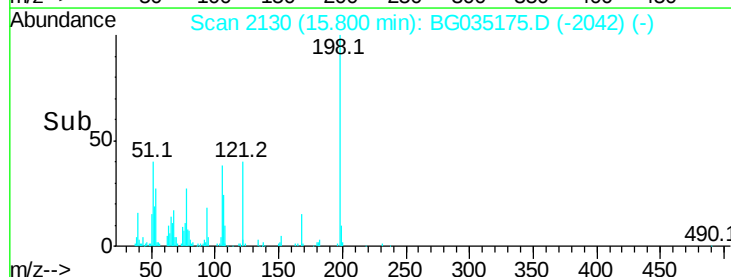
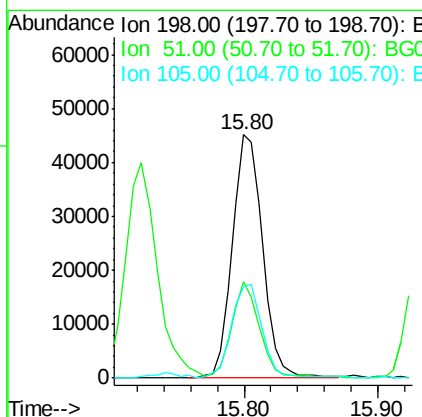
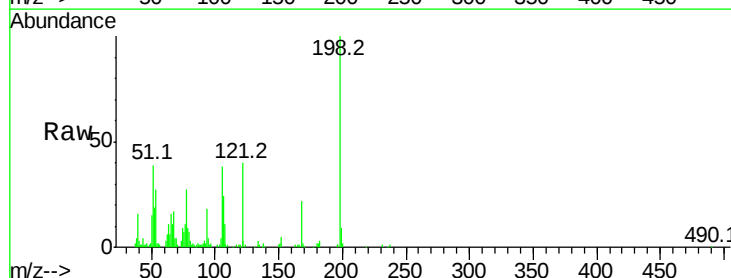
RT: 15.80 min Scan# 2130

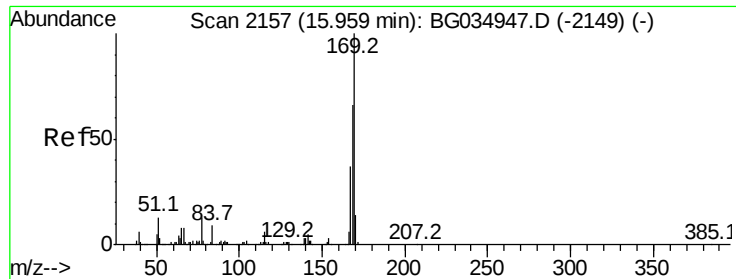
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 71284 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 39.5  | 30.6  | 70.6  |
| 105       | 37.7  | 23.8  | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 38.821 ng

RT: 15.93 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

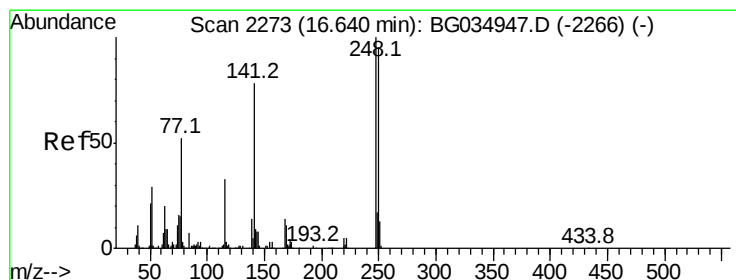
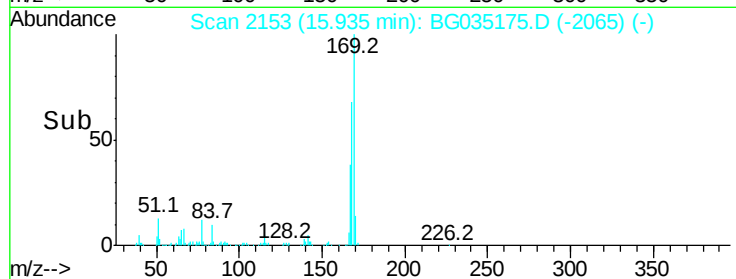
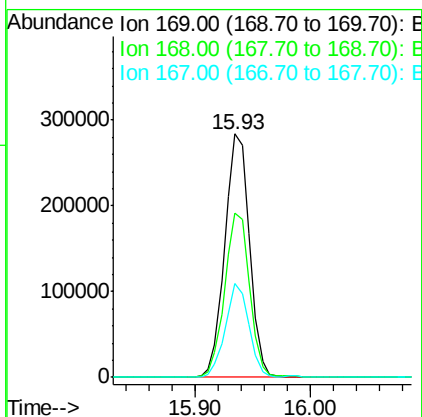
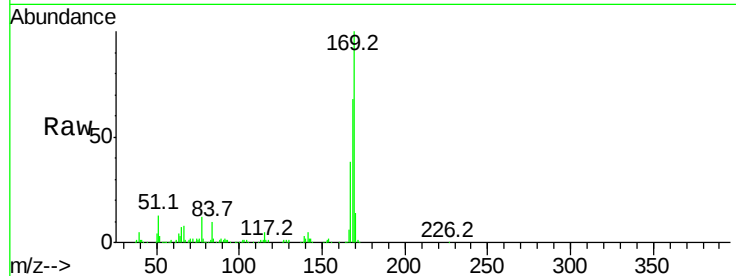
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 419722 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.7  | 55.7  | 83.5   |
| 167       | 38.4  | 30.1  | 45.1   |

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#66

4-Bromophenyl-phenylether

Concen: 40.338 ng

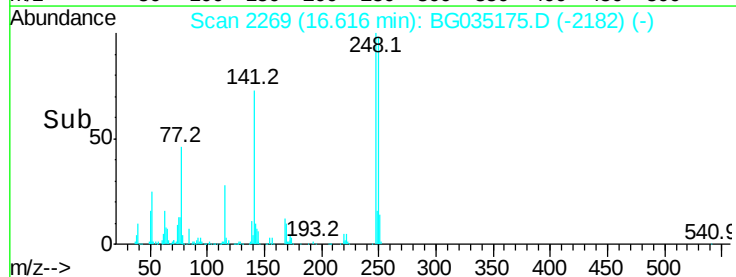
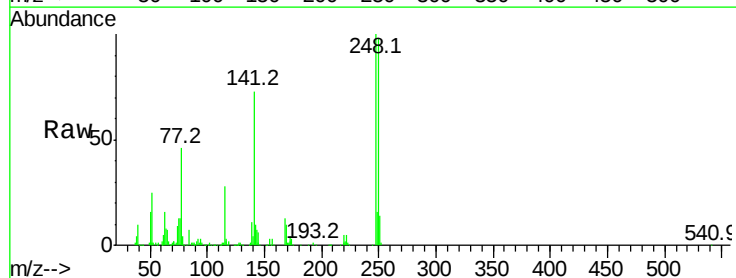
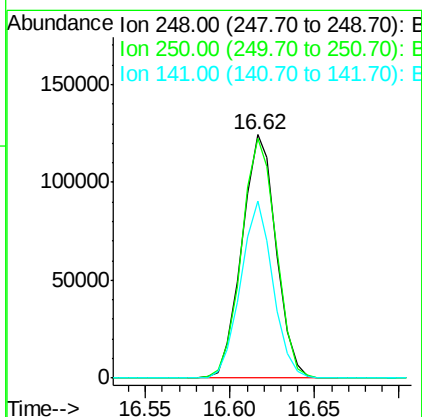
RT: 16.62 min Scan# 2269

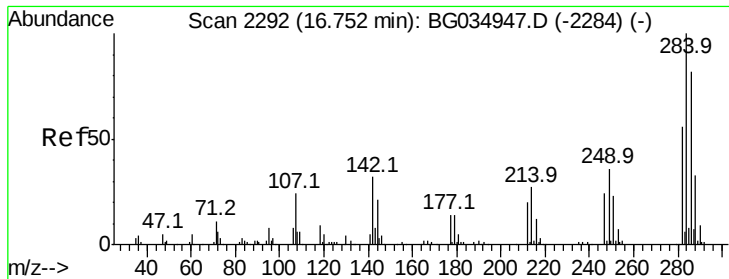
Delta R.T. -0.02 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 174886 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.3  | 77.1  | 115.7  |
| 141       | 72.8  | 50.8  | 76.2   |





#67

Hexachlorobenzene

Concen: 39.700 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

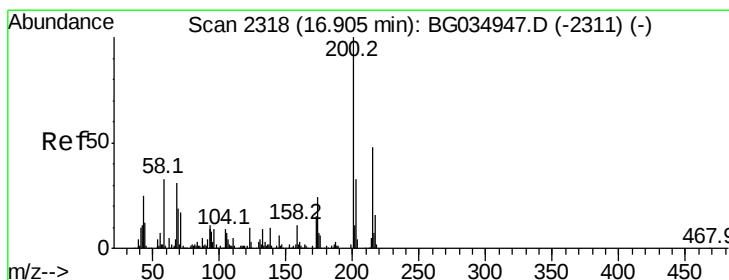
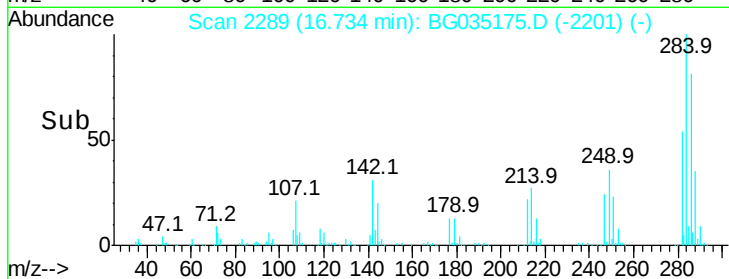
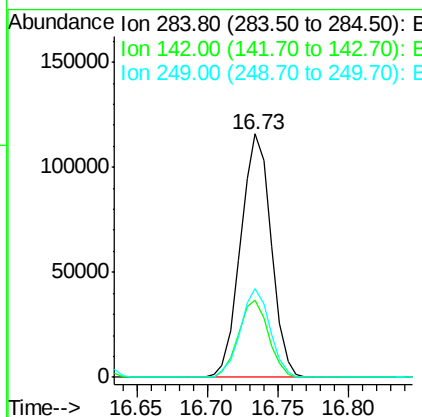
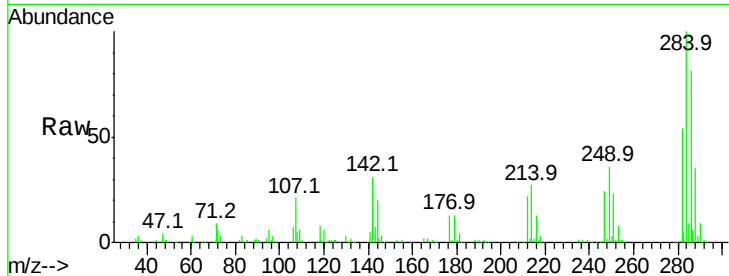
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 175189 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 31.5 | 26.8  | 40.2   |
| 249       | 36.4 | 26.3  | 39.5   |

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#68

Atrazine

Concen: 39.244 ng

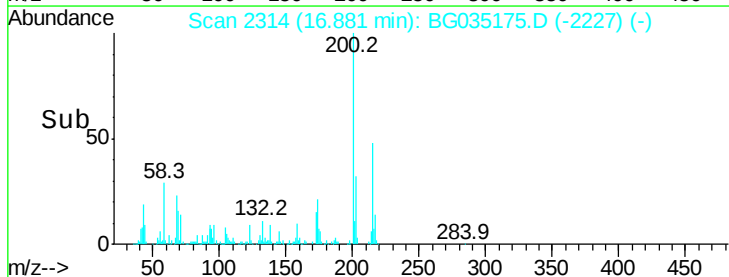
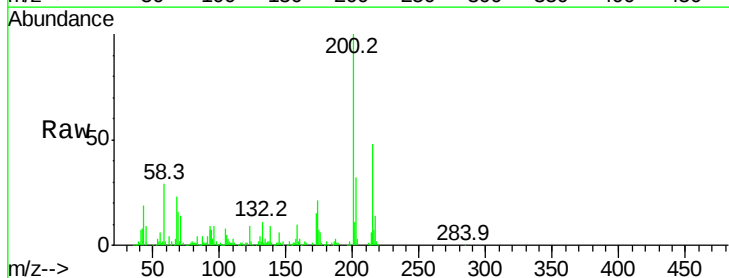
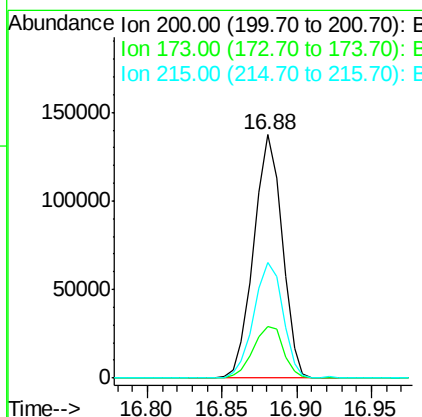
RT: 16.88 min Scan# 2314

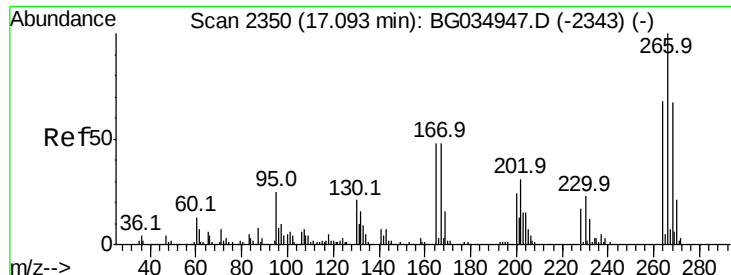
Delta R.T. -0.02 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 180942 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 21.2 | 5.2   | 45.2   |
| 215       | 47.6 | 30.4  | 70.4   |





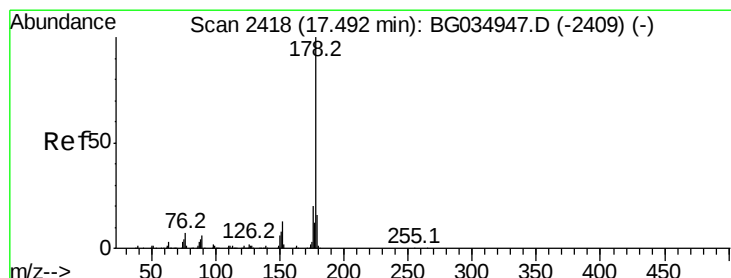
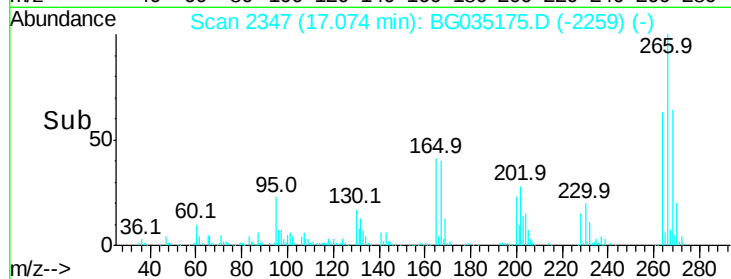
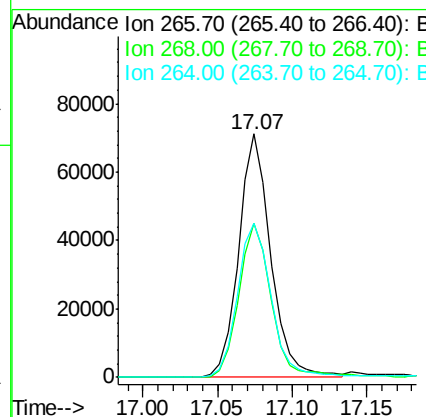
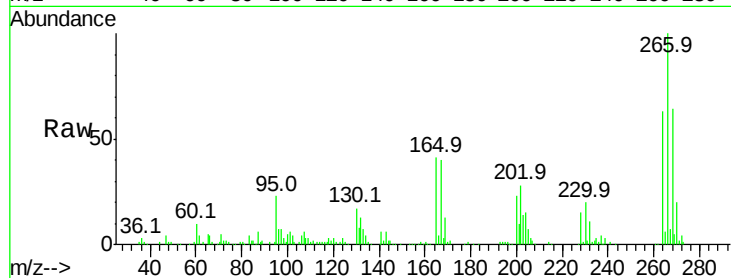
#69  
 Pentachlorophenol  
 Concen: 35.736 ng  
 RT: 17.07 min Scan# 2347  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 266   | Resp: | 106042 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 63.5  | 51.1  | 76.7   |
| 264       | 63.2  | 49.6  | 74.4   |

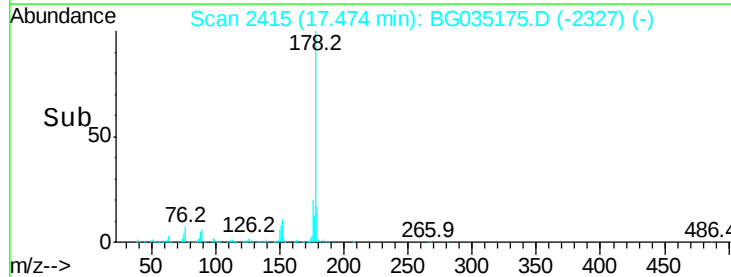
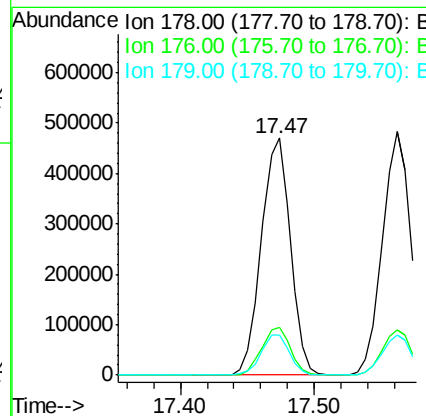
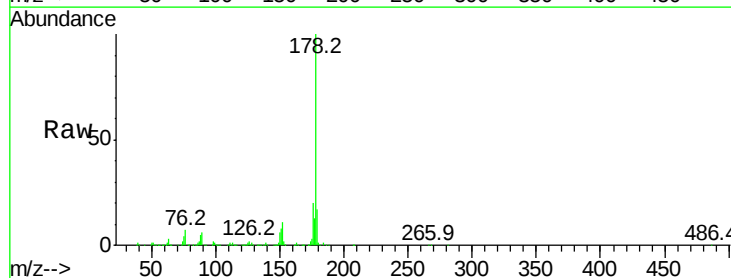
Manual Integrations  
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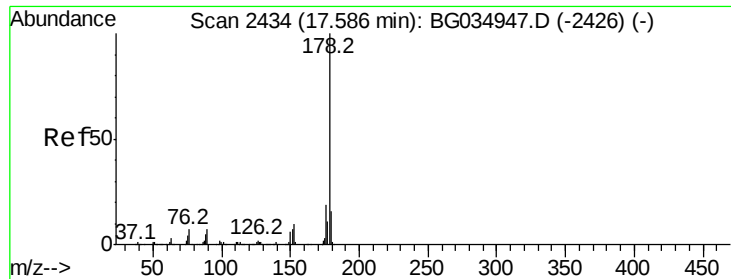
Sohil  
 6/18/2018 10:42:34 AM



#70  
 Phenanthrene  
 Concen: 38.674 ng  
 RT: 17.47 min Scan# 2415  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 707276 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 20.0  | 15.7  | 23.5   |
| 179       | 16.9  | 12.5  | 18.7   |





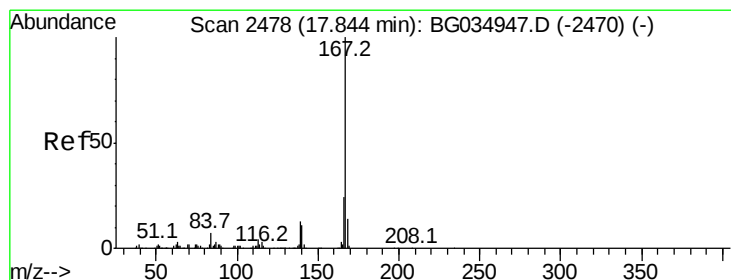
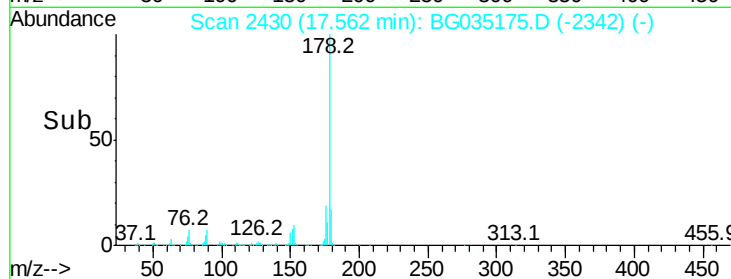
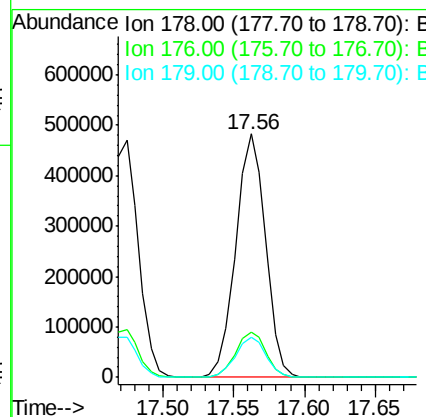
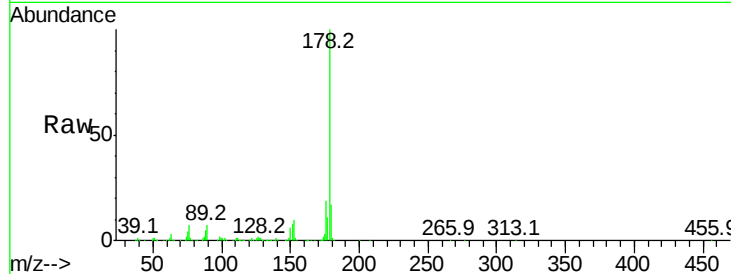
#71  
 Anthracene  
 Concen: 38.536 ng  
 RT: 17.56 min Scan# 2430  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 16.0  | 24.0  |
| 179     | 16.5  | 12.5  | 18.7  |

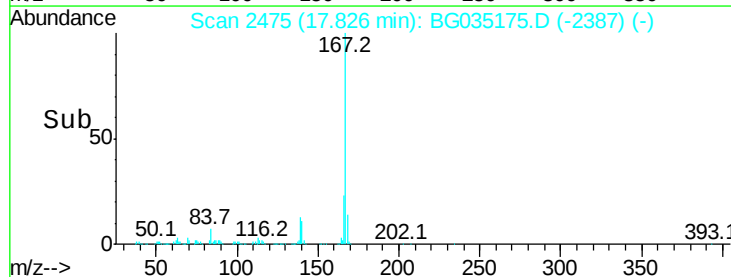
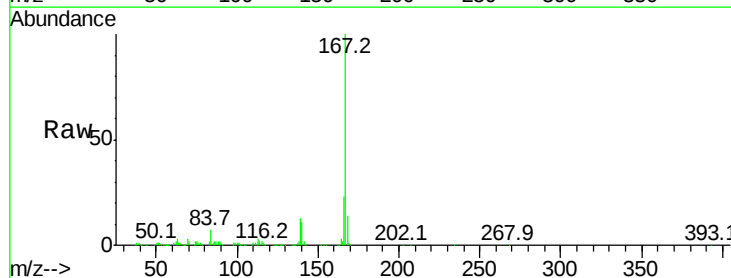
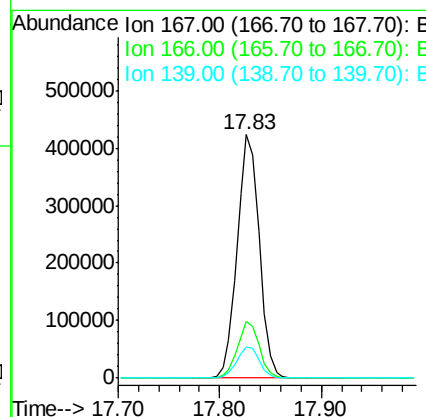
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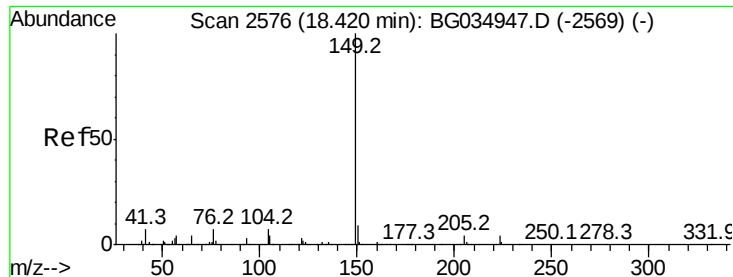
Sohil  
 6/18/2018 10:42:34 AM



#72  
 Carbazole  
 Concen: 37.760 ng  
 RT: 17.83 min Scan# 2475  
 Delta R.T. -0.01 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.2  | 18.2  | 27.4  |
| 139     | 12.7  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 37.226 ng

RT: 18.38 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

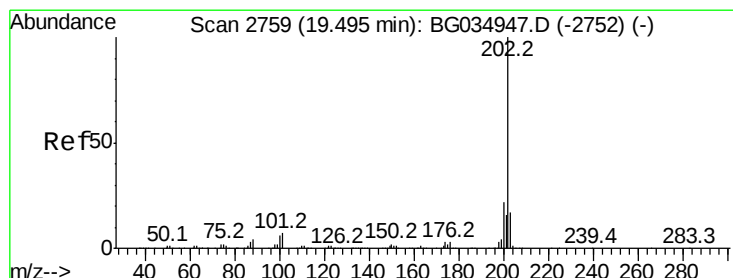
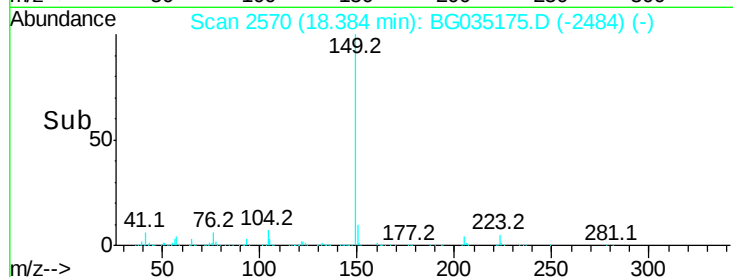
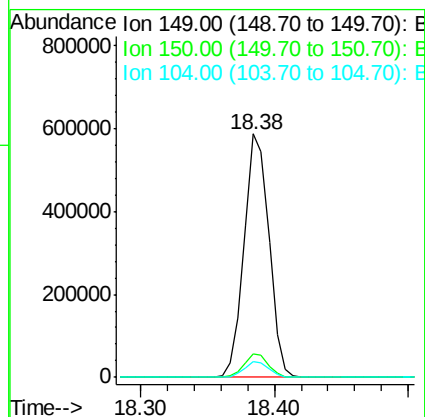
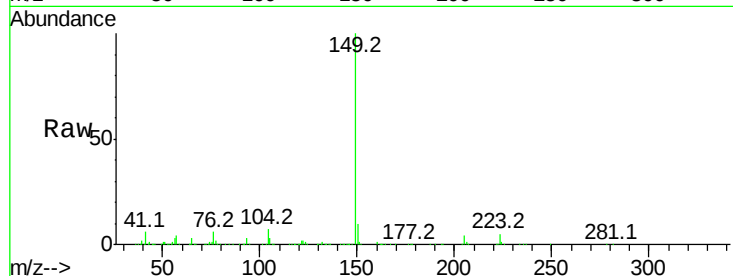
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 754167 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.8   | 7.8   | 11.6   |
| 104       | 6.6   | 3.9   | 5.9#   |

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#74

Fluoranthene

Concen: 38.052 ng

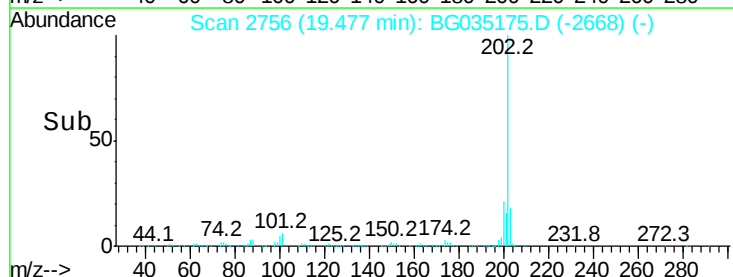
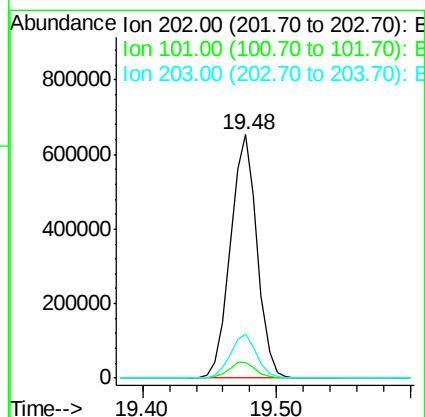
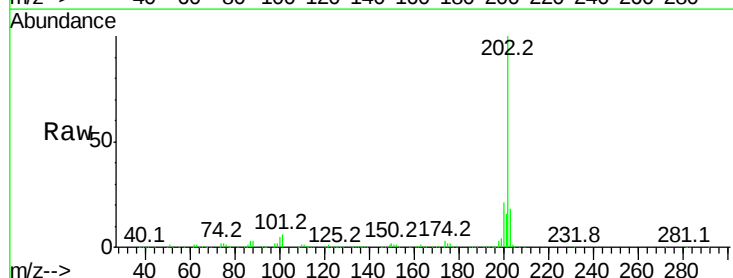
RT: 19.48 min Scan# 2756

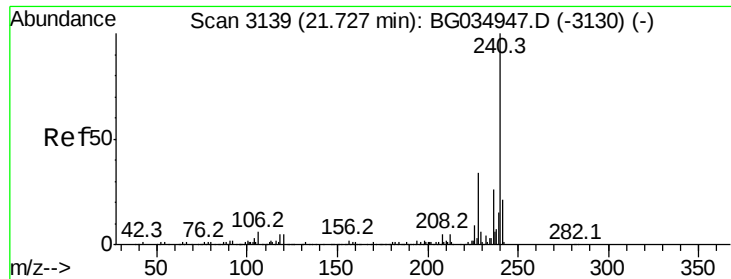
Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 905557 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.3   | 0.0   | 28.9   |
| 203       | 18.1  | 0.0   | 37.5   |





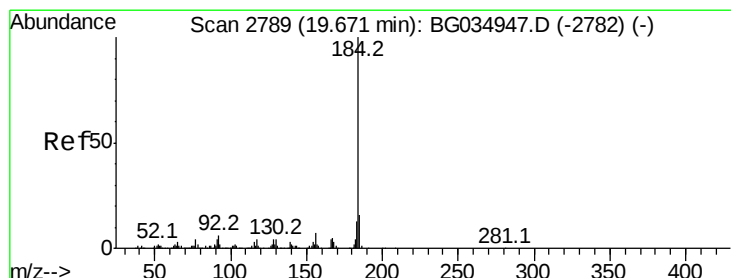
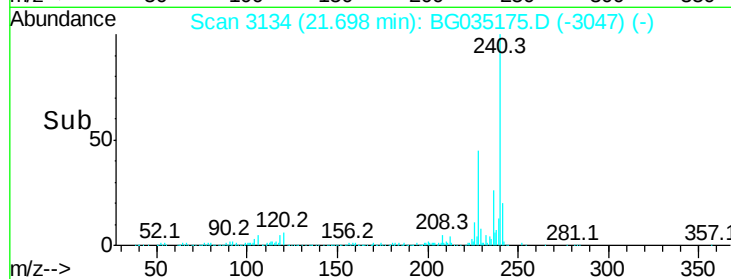
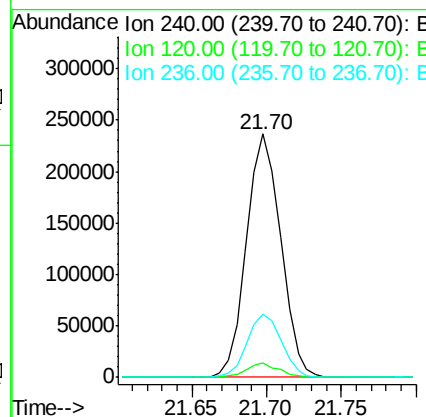
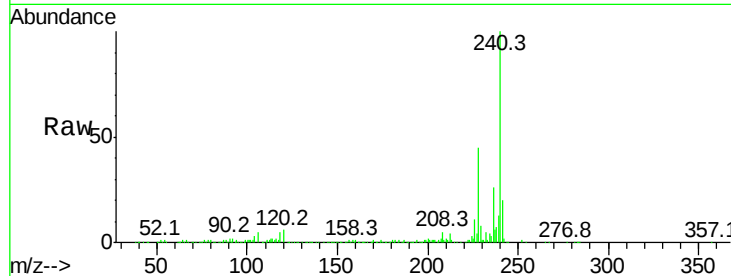
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.70 min Scan# 3134  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.7   | 6.8   | 10.2# |
| 236     | 25.8  | 20.9  | 31.3  |

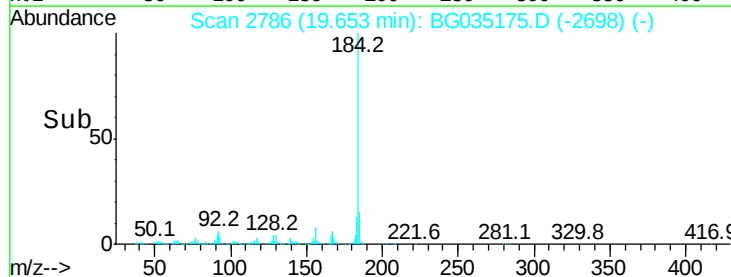
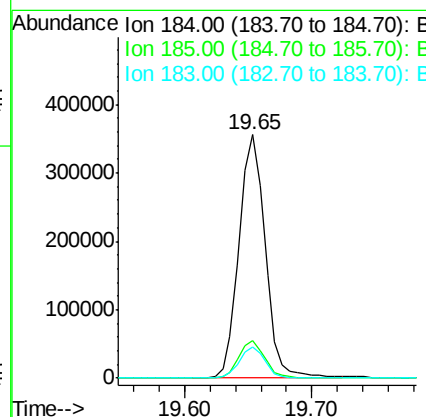
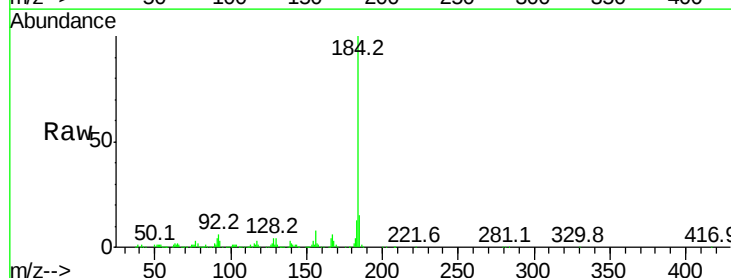
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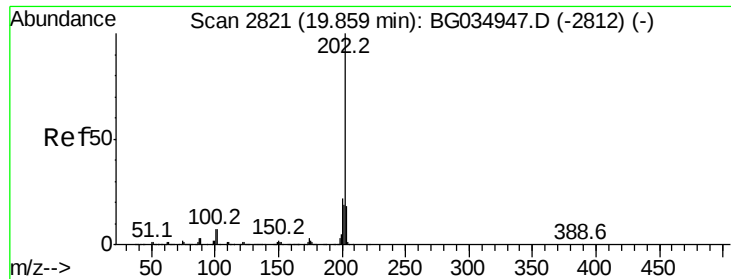
Sohil  
6/18/2018 10:42:34 AM



#76  
Benzidine  
Concen: 36.379 ng  
RT: 19.65 min Scan# 2786  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.5  | 11.1  | 16.7  |
| 183     | 12.9  | 10.6  | 16.0  |





#77

Pvrene

Concen: 37.111 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

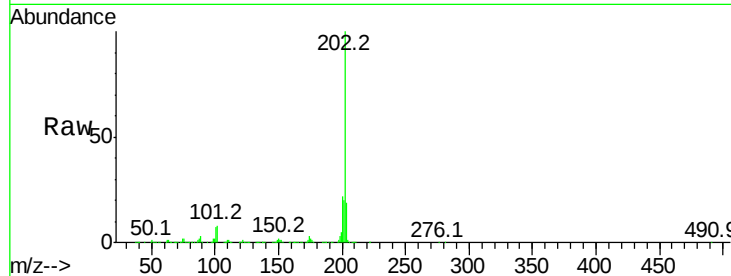
ClientSampleId :

SSTDCCC040

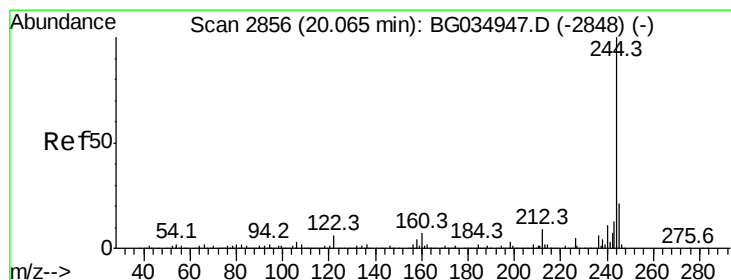
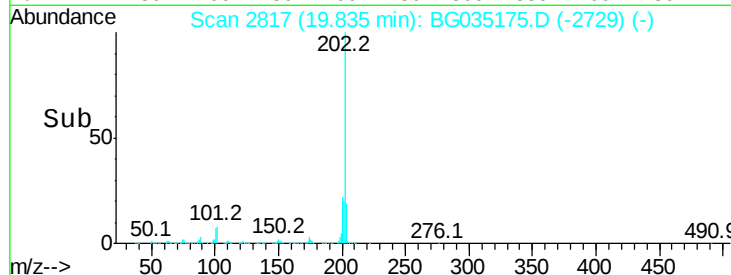
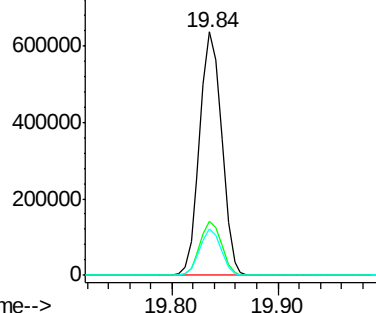
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 921001 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.2  | 16.9  | 25.3   |
| 203       | 18.9  | 13.9  | 20.9   |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.295 ng

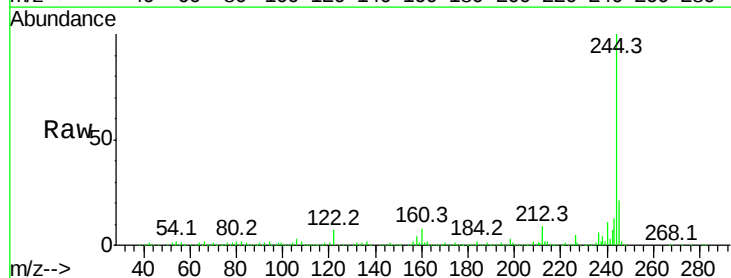
RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

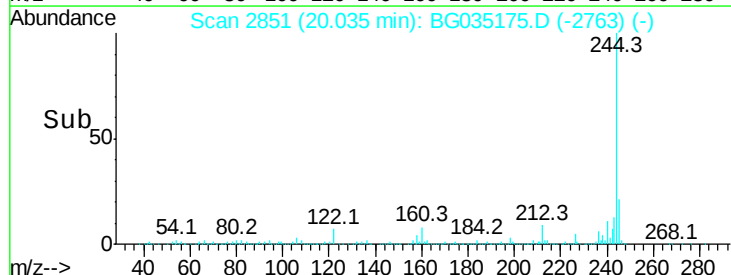
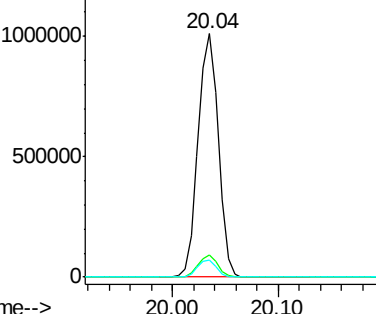
Lab File: BG035175.D

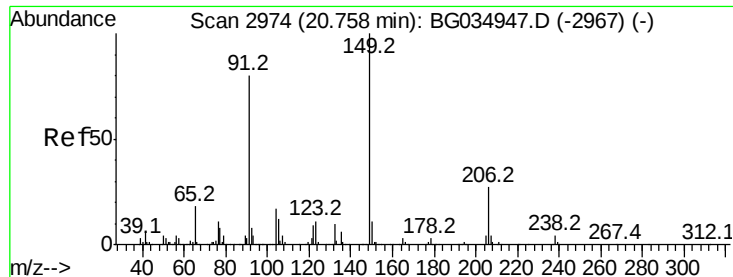
Acq: 15 Jun 2018 17:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1335237 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 9.2   | 5.8   | 8.8#    |
| 122       | 6.9   | 7.0   | 10.4#   |



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





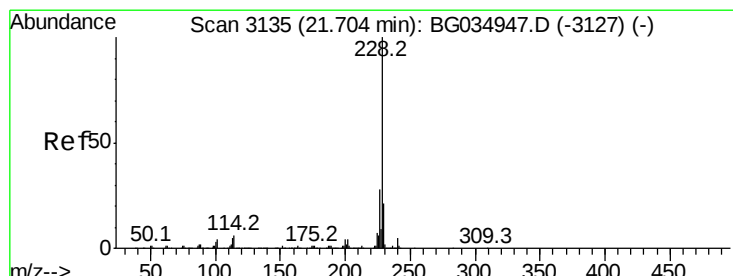
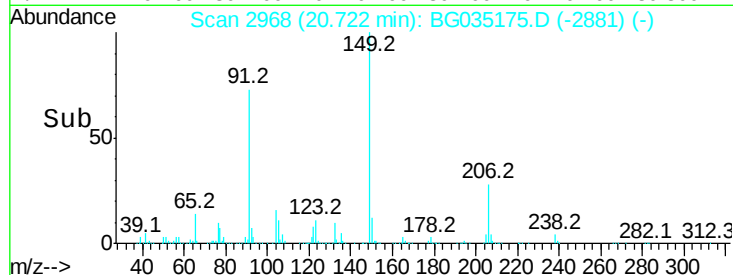
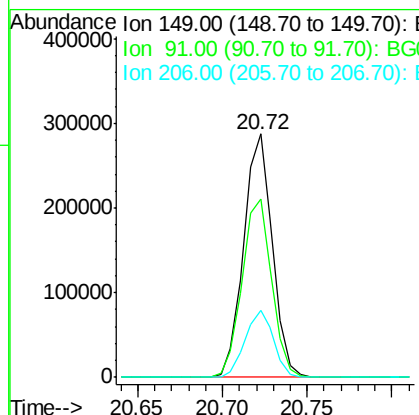
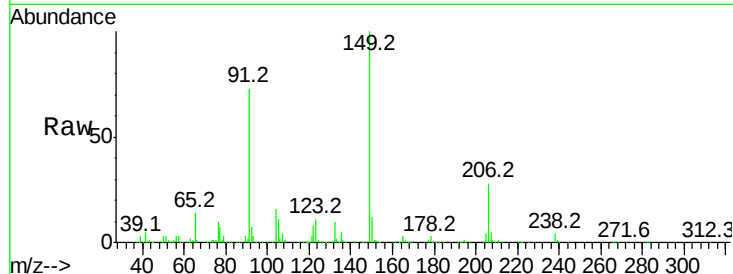
#79  
Butylbenzylphthalate  
Concen: 37.687 ng  
RT: 20.72 min Scan# 2968  
Delta R.T. -0.02 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 339625 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 73.1  | 62.2  | 93.2   |
| 206       | 27.7  | 18.6  | 27.8   |

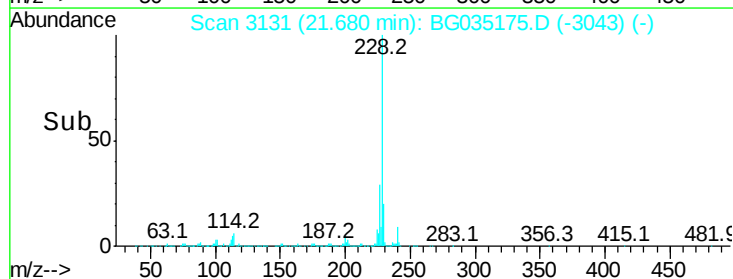
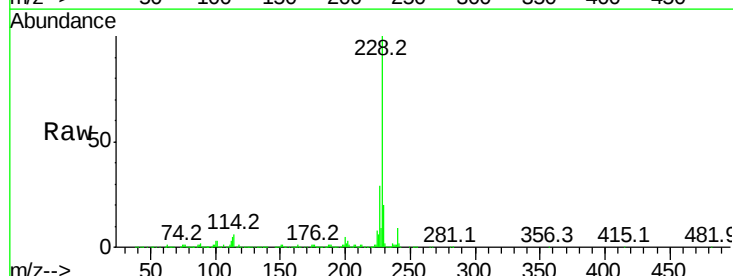
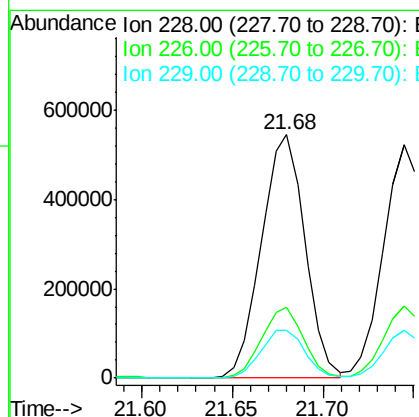
Manual Integrations  
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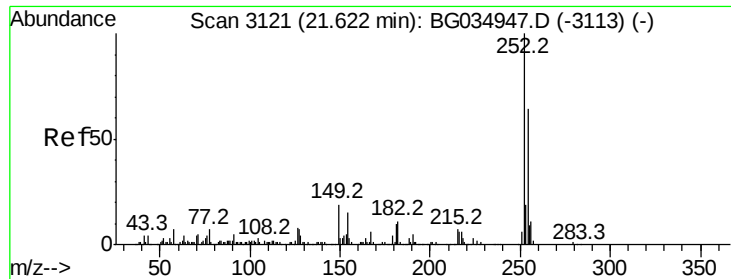
Sohil  
6/18/2018 10:42:34 AM



#80  
Benzo(a)anthracene  
Concen: 37.842 ng  
RT: 21.68 min Scan# 3131  
Delta R.T. -0.01 min  
Lab File: BG035175.D  
Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 910365 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.0  | 22.7  | 34.1   |
| 229       | 19.8  | 16.2  | 24.2   |





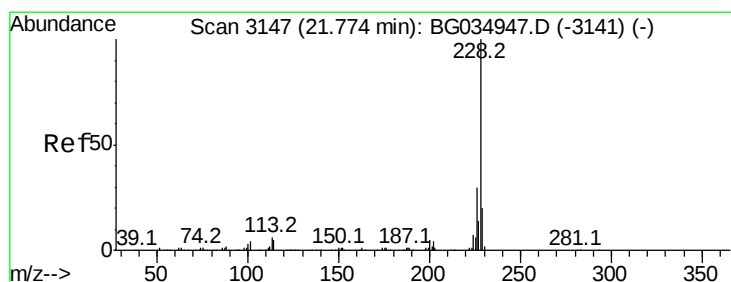
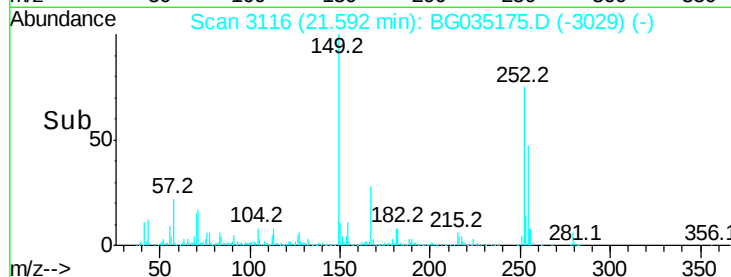
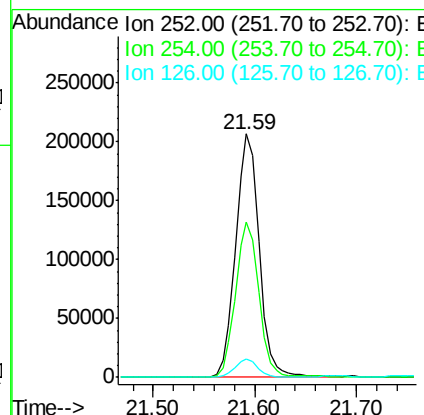
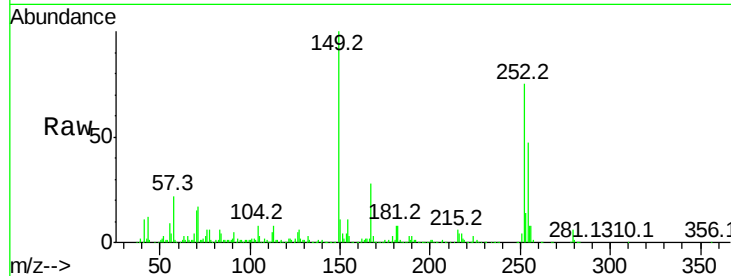
#81  
 3,3'-Dichlorobenzidine  
 Concen: 36.910 ng  
 RT: 21.59 min Scan# 3116  
 Delta R.T. -0.02 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 63.6  | 50.8       | 76.2  |
| 126     | 7.3   | 7.4        | 11.2# |

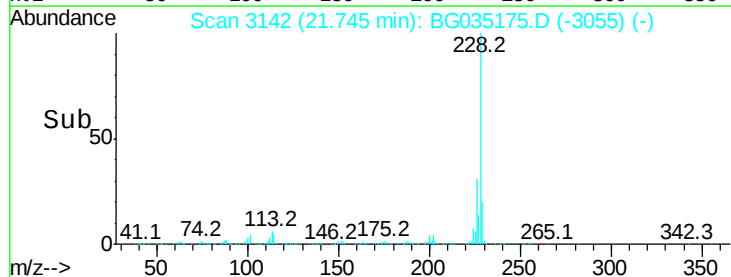
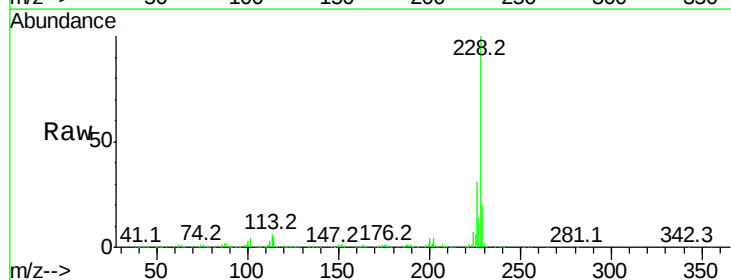
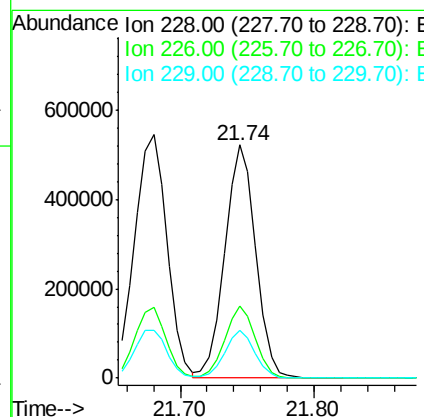
Manual Integrations  
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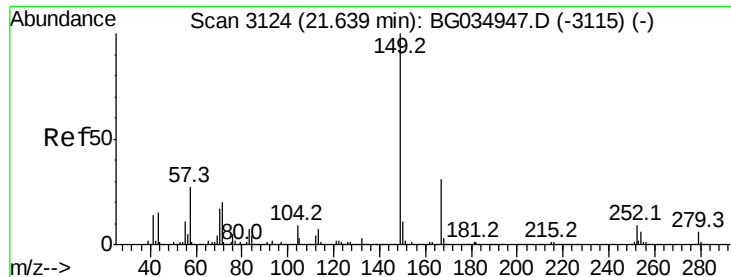
Sohil  
 6/18/2018 10:42:34 AM



#82  
 Chrysene  
 Concen: 38.298 ng  
 RT: 21.74 min Scan# 3142  
 Delta R.T. -0.02 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.0  | 24.9       | 37.3  |
| 229     | 20.4  | 15.0       | 22.4  |





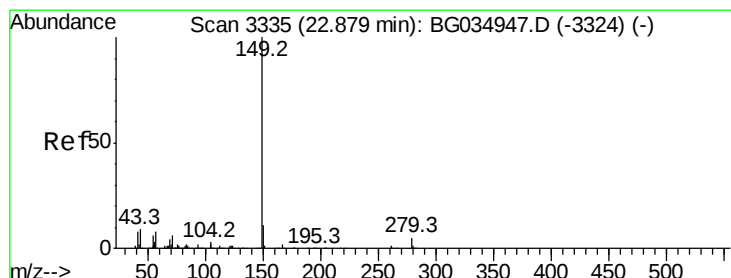
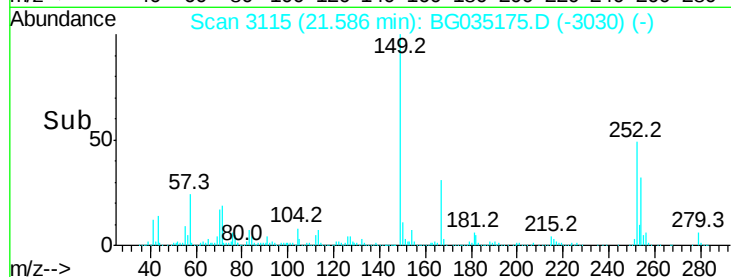
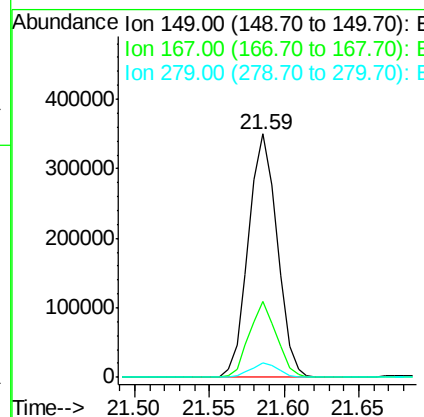
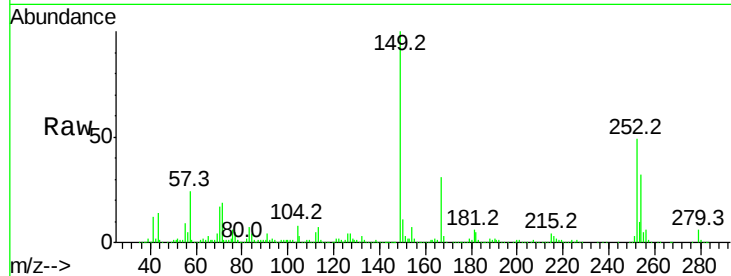
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 36.664 ng  
 RT: 21.59 min Scan# 3115  
 Delta R.T. -0.03 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 31.1  | 24.3       | 36.5       |
| 279     | 5.9   | 4.0        | 6.0        |

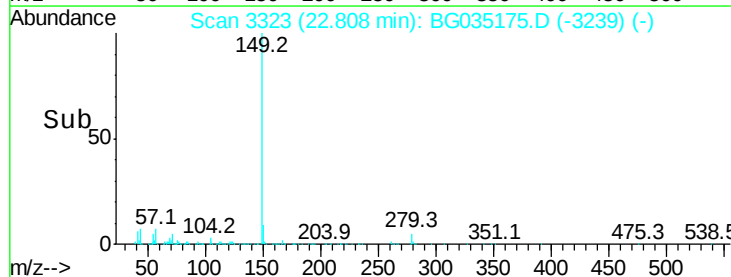
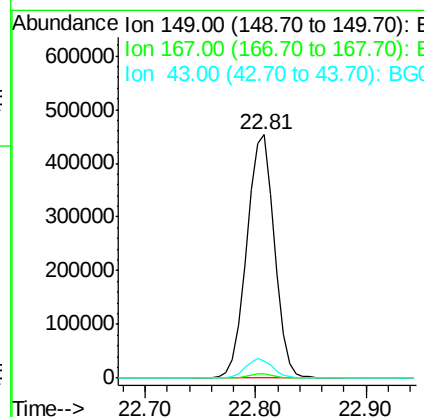
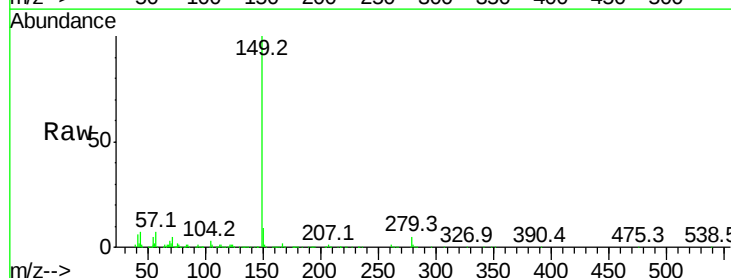
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#84  
 Di-n-octyl phthalate  
 Concen: 36.501 ng  
 RT: 22.81 min Scan# 3323  
 Delta R.T. -0.04 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 1.7   | 1.4        | 2.0        |
| 43      | 7.8   | 8.9        | 13.3#      |





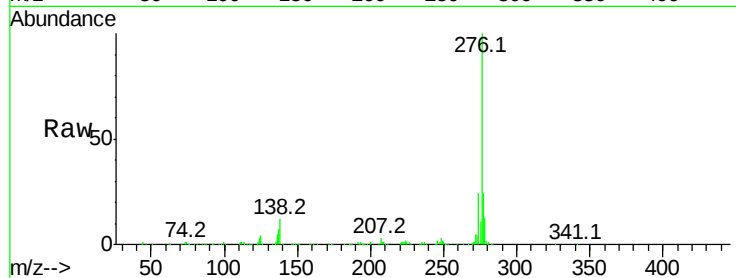
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.801 ng  
 RT: 28.61 min Scan# 4310  
 Delta R.T. -0.05 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

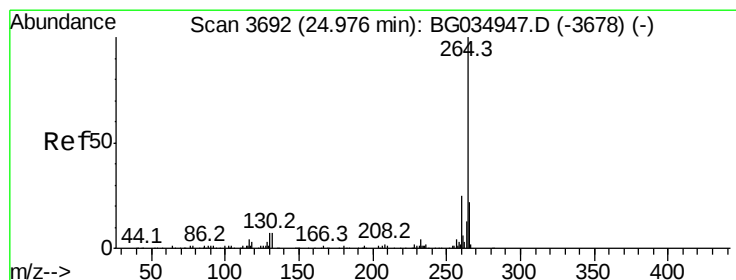
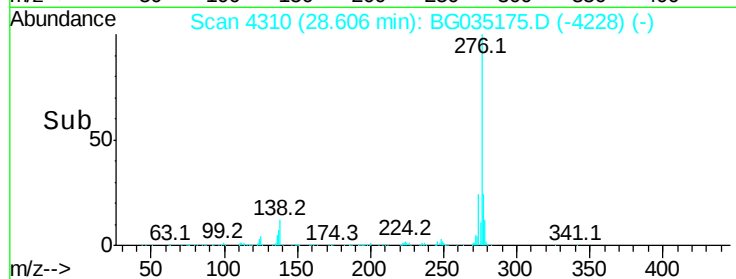
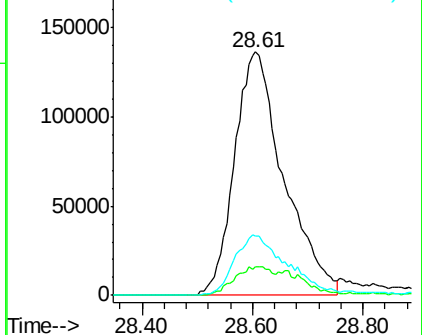
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 9.1   | 16.0  | 24.0# |
| 277     | 26.3  | 20.0  | 30.0  |

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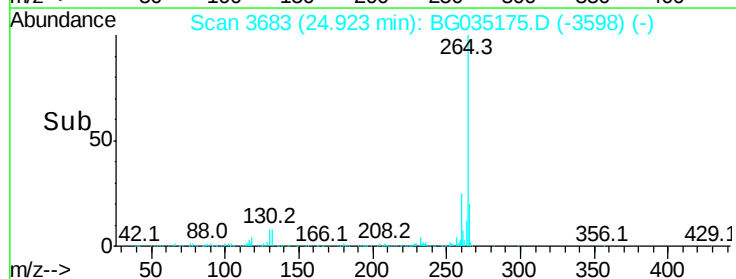
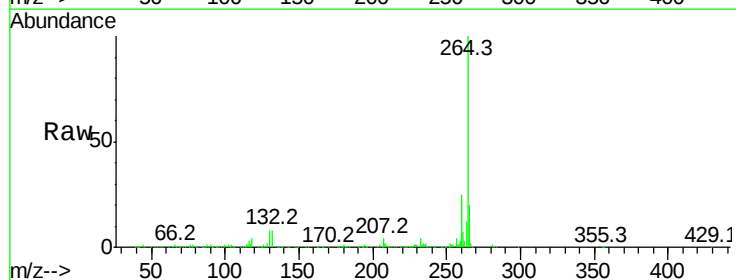
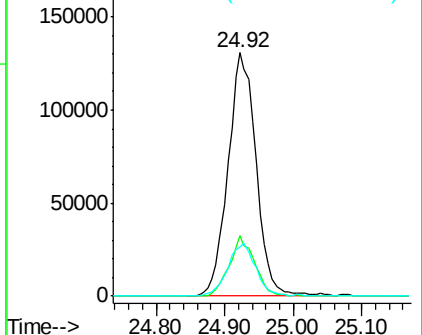
Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

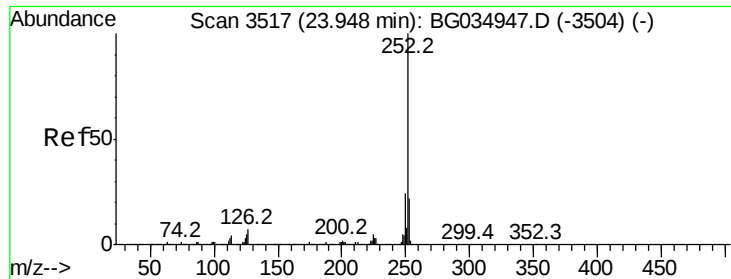


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.92 min Scan# 3683  
 Delta R.T. -0.03 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 17.4  | 26.0  |
| 265     | 20.4  | 17.7  | 26.5  |

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





#87

Benzo(b)fluoranthene

Concen: 38.652 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.02 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

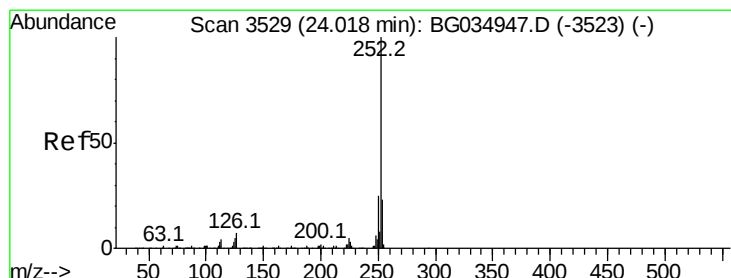
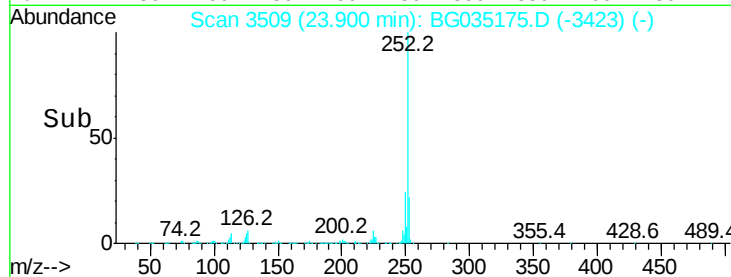
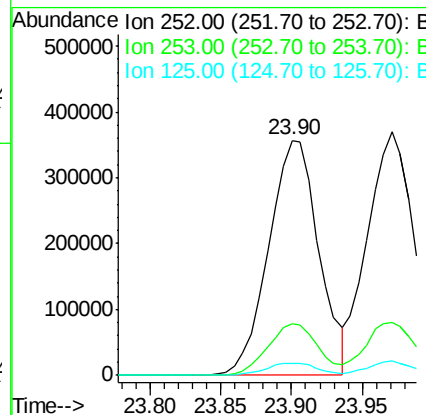
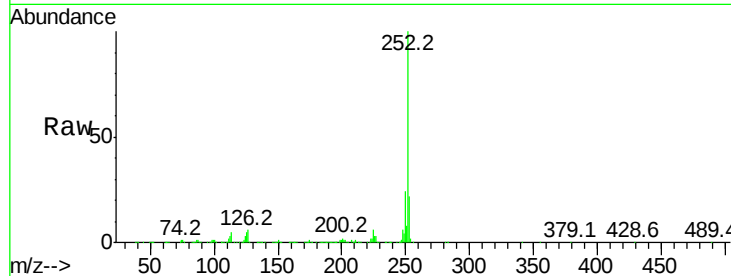
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 21.8  | 18.2       | 27.4  |
| 125     | 4.9   | 7.2        | 10.8  |

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#88

Benzo(k)fluoranthene

Concen: 38.334 ng

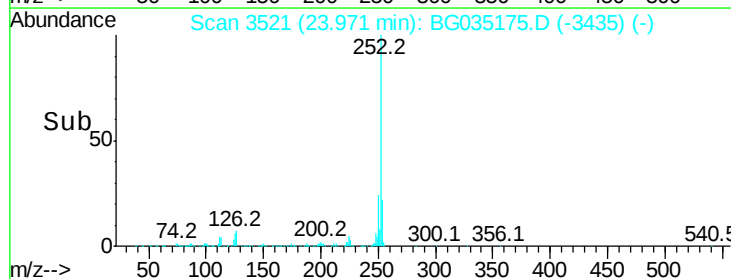
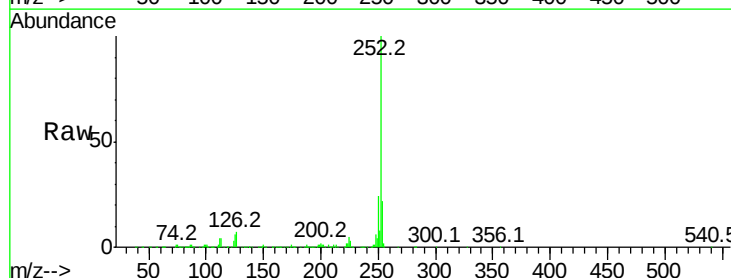
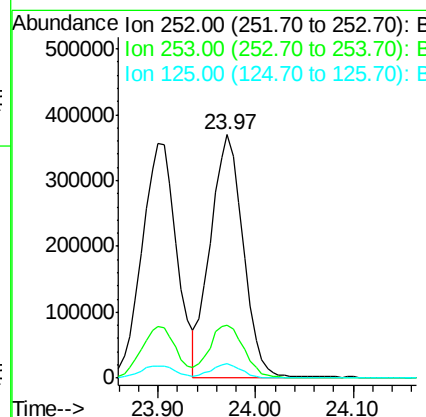
RT: 23.97 min Scan# 3521

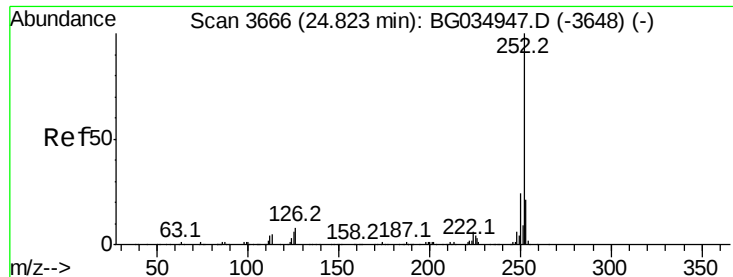
Delta R.T. -0.02 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 22.0  | 17.4       | 26.2  |
| 125     | 5.8   | 6.6        | 9.8   |





#89

Benzo(a)pyrene

Concen: 38.129 ng

RT: 24.78 min Scan# 3658

Delta R.T. -0.03 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

Instrument :

BNA\_G

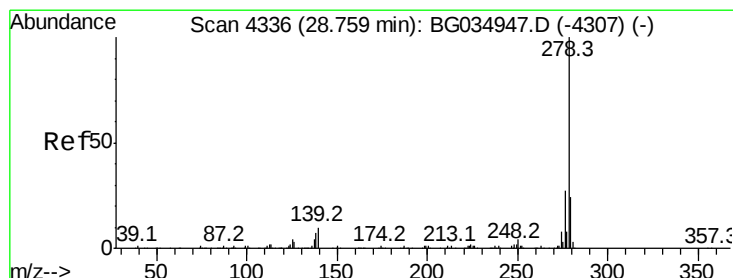
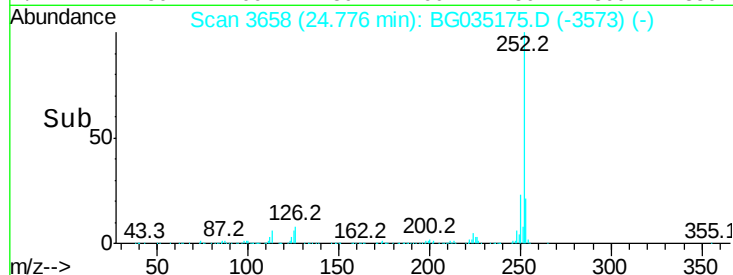
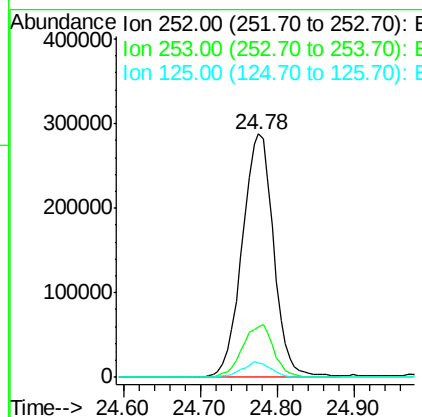
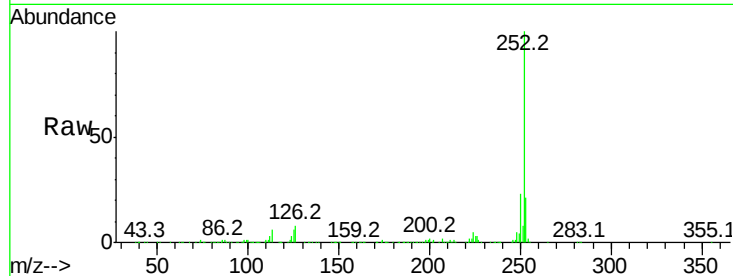
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 820183 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.9  | 18.3  | 27.5   |
| 125       | 5.8   | 7.3   | 10.9#  |

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#90

Dibenzo(a,h)anthracene

Concen: 33.697 ng m

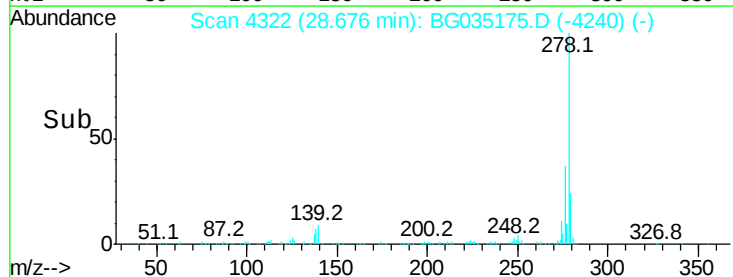
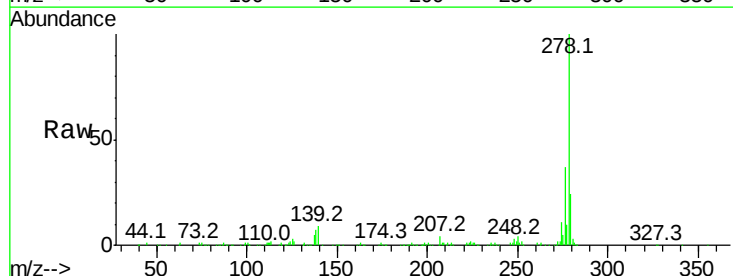
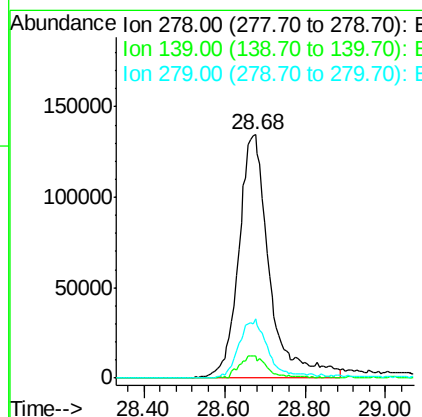
RT: 28.68 min Scan# 4322

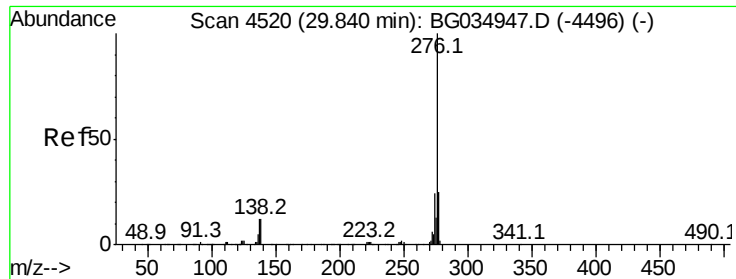
Delta R.T. -0.05 min

Lab File: BG035175.D

Acq: 15 Jun 2018 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 715535 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 9.3   | 9.8   | 14.6#  |
| 279       | 24.4  | 18.4  | 27.6   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 33.742 ng  
 RT: 29.76 min Scan# 4506  
 Delta R.T. -0.05 min  
 Lab File: BG035175.D  
 Acq: 15 Jun 2018 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 21.8  | 18.3  | 27.5  |
| 138     | 12.8  | 13.9  | 20.9  |

Manual Integrations  
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