

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\  
 Data File : BG038502.D  
 Acq On : 12 Dec 2018 14:31  
 Operator : JU/SJ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Sohil  
 12/13/2018 3:06:52 PM

Quant Time: Dec 12 15:19:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 14:24:15 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 24667    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 101578   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 66949    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 169318   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 176937   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.03 | 264  | 186889   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 27815  | 20.10 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 38271  | 20.21 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 40990  | 21.42 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 18201  | 19.78 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 100780 | 20.63 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.04 | 244 | 172012 | 21.23 | ng | 0.00 |

## Target Compounds

|                                |       |     |       |        |    | Qvalue |
|--------------------------------|-------|-----|-------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 6236  | 9.532  | ng | 97     |
| 3) Pyridine                    | 3.90  | 79  | 14819 | 8.194  | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 7280  | 8.254  | ng | # 86   |
| 6) Aniline                     | 7.39  | 93  | 24824 | 10.274 | ng | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 16262 | 10.161 | ng | 94     |
| 9) Benzaldehyde                | 7.21  | 77  | 14556 | 12.312 | ng | 91     |
| 10) Phenol                     | 7.24  | 94  | 19814 | 9.754  | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 16171 | 10.002 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 18979 | 9.991  | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 20007 | 10.359 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 19203 | 10.523 | ng | 97     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 14367 | 9.636  | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 38418 | 10.476 | ng | 96     |
| 17) 2-Methylphenol             | 8.50  | 107 | 13583 | 9.997  | ng | 93     |
| 18) Hexachloroethane           | 9.15  | 117 | 7481  | 10.609 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 13409 | 10.040 | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 17734 | 9.464  | ng | 96     |
| 22) Acetophenone               | 8.89  | 105 | 26376 | 10.789 | ng | # 94   |
| 24) Nitrobenzene               | 9.28  | 77  | 20320 | 10.438 | ng | 96     |
| 25) Isophorone                 | 9.79  | 82  | 33146 | 9.592  | ng | # 96   |
| 26) 2-Nitrophenol              | 10.00 | 139 | 9230  | 9.299  | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 14812 | 10.491 | ng | 85     |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 20686 | 10.574 | ng | # 94   |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 15982 | 10.049 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 19740 | 10.049 | ng | 96     |
| 31) Naphthalene                | 10.93 | 128 | 50894 | 10.205 | ng | 97     |
| 32) Benzoic acid               | 10.19 | 122 | 2108m | 2.688  | ng |        |
| 33) 4-Chloroaniline            | 11.05 | 127 | 21032 | 9.978  | ng | 96     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 13026 | 9.974  | ng | # 87   |
| 35) Caprolactam                | 11.81 | 113 | 6127  | 9.404  | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 17354 | 9.612  | ng | 87     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 36048 | 10.419 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.75 | 142 | 35686 | 10.699 | ng | 93     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 24826 | 9.875  | ng | 99     |

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 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

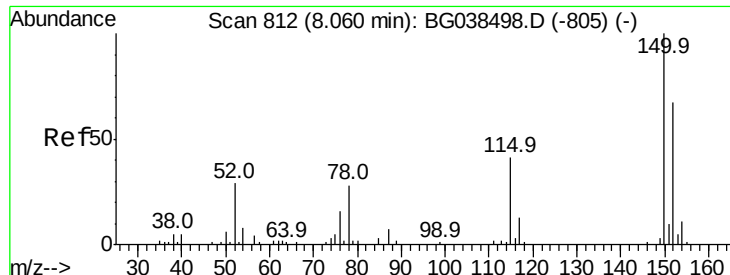
Sohil  
 12/13/2018 3:06:52 PM

Quant Time: Dec 12 15:19:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 14:24:15 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 11680    | 8.489  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 14810    | 9.642  | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 16164    | 9.974  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 56482    | 10.035 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 44079    | 10.200 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 13768    | 9.971  | nq    | 99       |
| 49) Acenaphthylene             | 14.42 | 152  | 65895    | 10.139 | nq    | 99       |
| 50) Dimethylphthalate          | 14.15 | 163  | 56332    | 10.275 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.28 | 165  | 12250    | 9.848  | nq    | 90       |
| 52) Acenaphthene               | 14.76 | 154  | 38929    | 10.030 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 12318    | 9.699  | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 4306     | 6.698  | nq    | 97       |
| 55) Dibenzofuran               | 15.10 | 168  | 67644    | 10.196 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 7994     | 8.289  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 17472    | 10.001 | nq    | 98       |
| 58) Fluorene                   | 15.74 | 166  | 50766    | 10.303 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 13593    | 9.273  | nq    | # 98     |
| 60) Diethylphthalate           | 15.50 | 149  | 68909    | 11.513 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 31793    | 10.395 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 13698    | 10.582 | nq    | 87       |
| 63) Azobenzene                 | 16.03 | 77   | 51083    | 10.158 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 10815    | 8.970  | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 50032    | 10.035 | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 20636    | 9.997  | nq    | 96       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 21351    | 9.981  | nq    | 97       |
| 69) Atrazine                   | 16.88 | 200  | 19713    | 10.620 | nq    | 97       |
| 70) Pentachlorophenol          | 17.09 | 266  | 9949     | 7.877  | nq    | 93       |
| 71) Phenanthrene               | 17.49 | 178  | 90159    | 10.294 | nq    | 98       |
| 72) Anthracene                 | 17.58 | 178  | 88841    | 10.237 | nq    | 99       |
| 73) Carbazole                  | 17.85 | 167  | 88548    | 10.334 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 100559   | 10.188 | nq    | 98       |
| 75) Fluoranthene               | 19.49 | 202  | 110142   | 10.105 | nq    | 96       |
| 77) Benzidine                  | 19.68 | 184  | 36605    | 6.576  | nq    | 95       |
| 78) Pyrene                     | 19.86 | 202  | 144319   | 12.844 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 43506    | 9.492  | nq    | 96       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 105610   | 9.753  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 40370    | 9.384  | nq    | 97       |
| 83) Chrysene                   | 21.77 | 228  | 101988   | 9.788  | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 61517    | 9.285  | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.81 | 149  | 103961   | 9.592  | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.80 | 276  | 115722   | 9.305  | nq    | # 59     |
| 88) Benzo(b)fluoranthene       | 23.96 | 252  | 100538   | 9.774  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 103410m  | 10.121 | nq    |          |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 98148    | 9.914  | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.86 | 278  | 97641    | 9.733  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.99 | 276  | 98291    | 10.163 | nq    | 97       |

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





#1

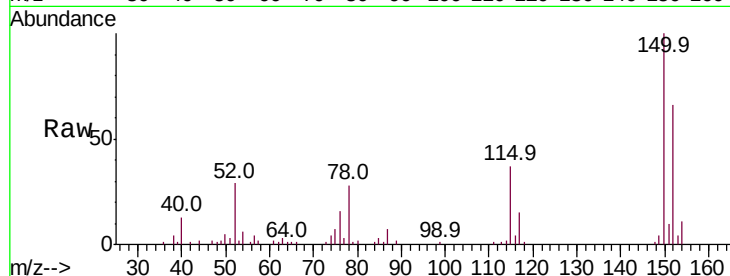
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.6 | 119.5 | 179.3 |
| 115     | 56.8  | 49.6  | 74.4  |

Manual Integrations  
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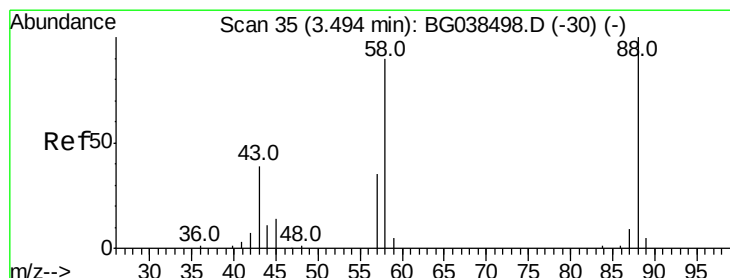
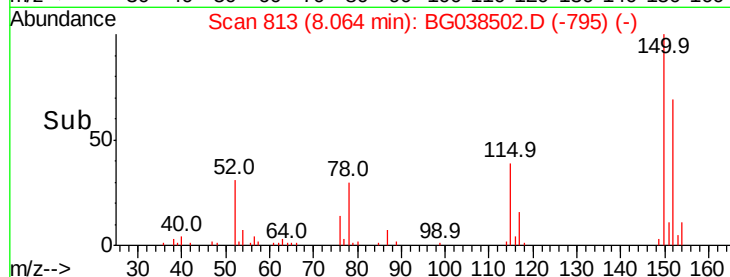
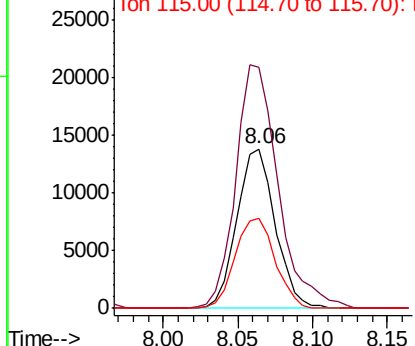


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

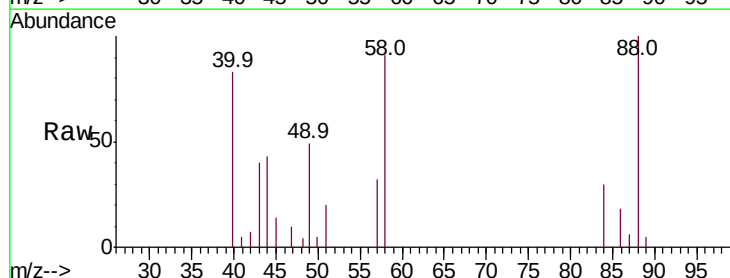
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 9.532 ng  
RT: 3.50 min Scan# 36  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.5  | 75.7  | 113.5 |
| 43      | 35.7  | 31.6  | 47.4  |

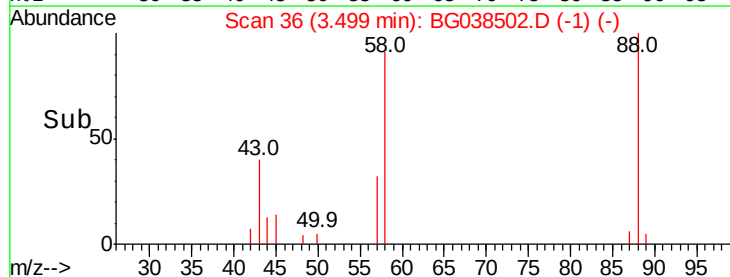
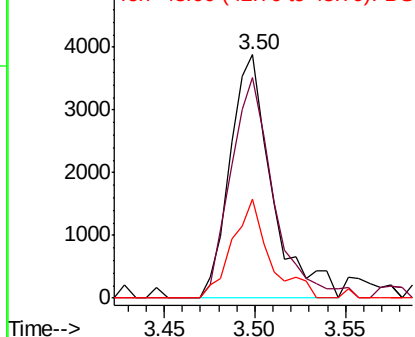


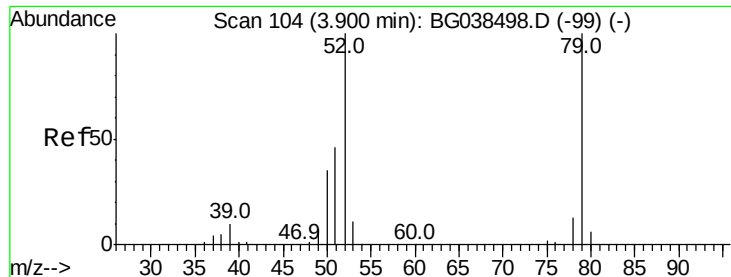
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





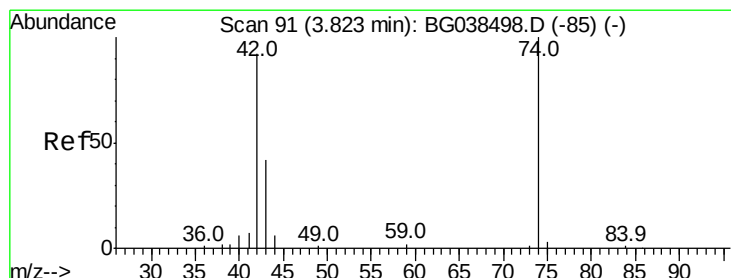
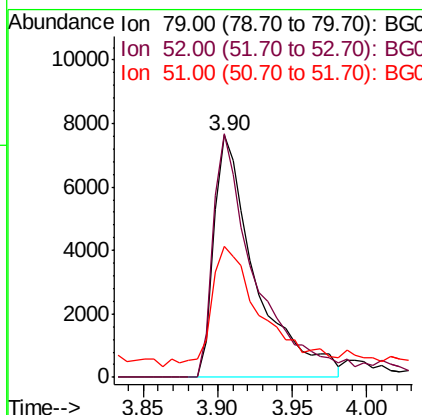
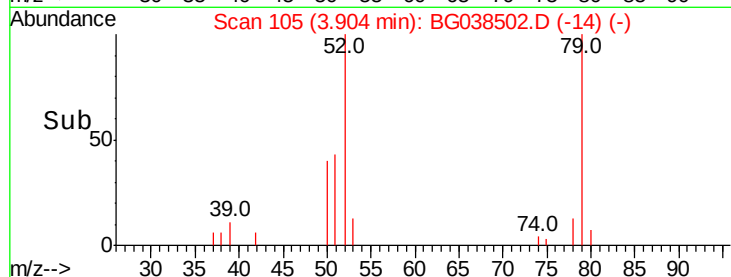
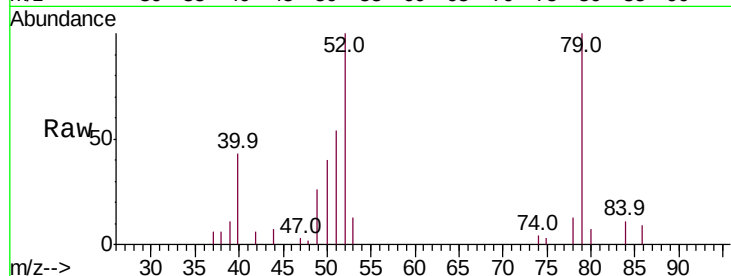
#3  
 Pvridine  
 Concen: 8.194 ng  
 RT: 3.90 min Scan# 105  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 100.5 | 80.2  | 120.2 |
| 51      | 54.2  | 38.0  | 57.0  |

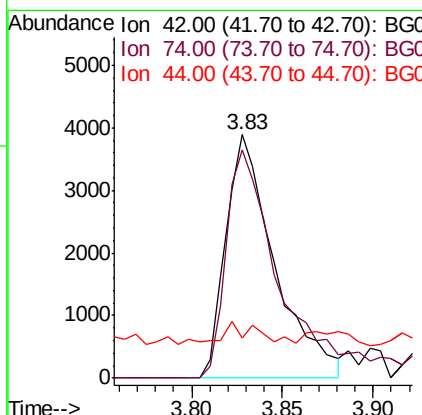
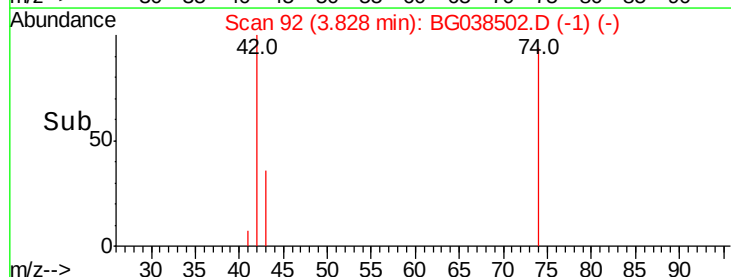
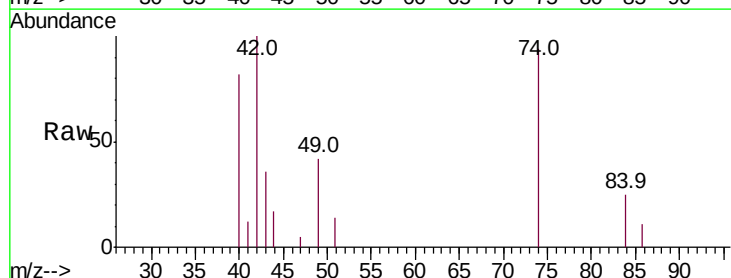
Manual Integrations  
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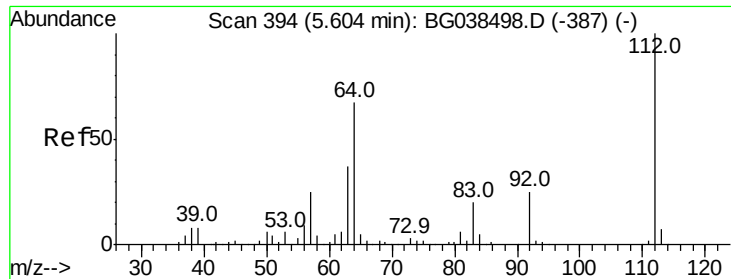
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#4  
 n-Nitrosodimethylamine  
 Concen: 8.254 ng  
 RT: 3.83 min Scan# 92  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 93.7  | 86.7  | 130.1 |
| 44      | 16.7  | 7.8   | 11.8# |





#5

2-Fluorophenol

Concen: 20.102 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

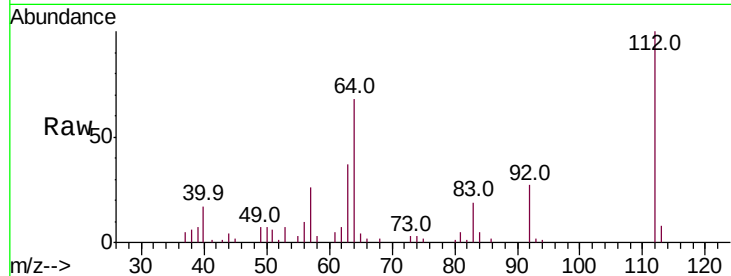
ClientSampled :

SSTDIC010

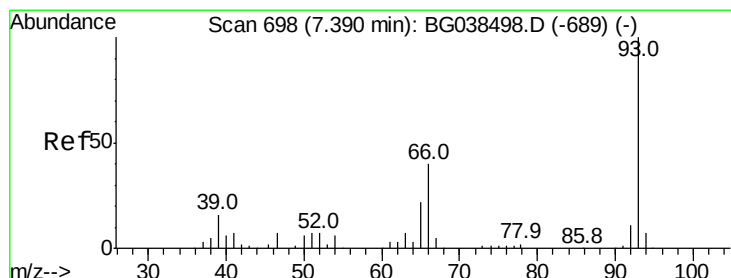
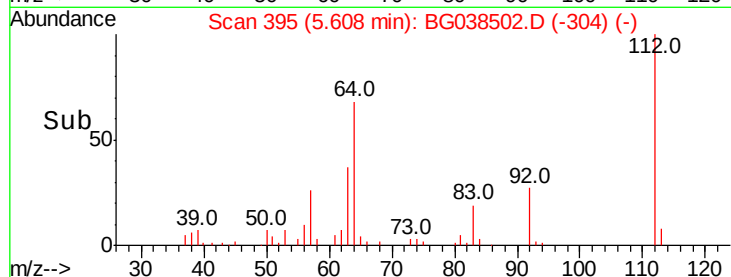
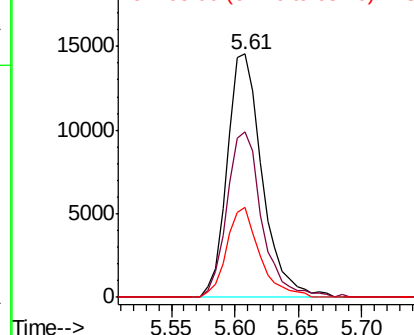
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 112   | Resp: | 27815 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 68.2  | 53.4  | 80.2  |
| 63        | 37.1  | 29.3  | 43.9  |

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Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.274 ng

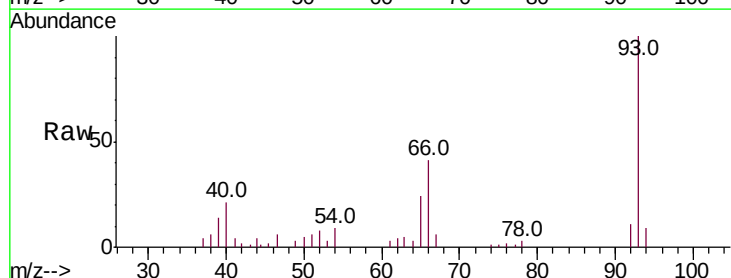
RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

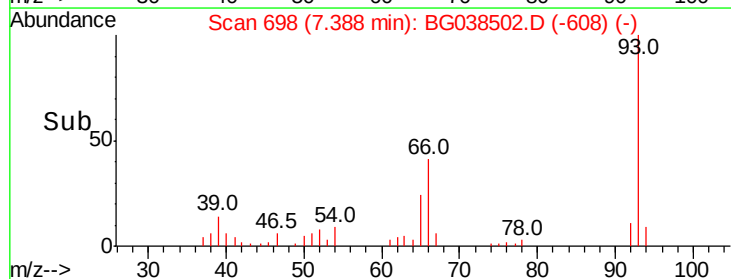
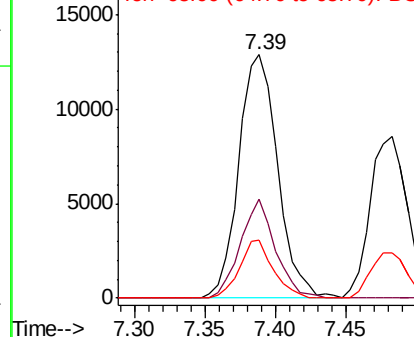
Lab File: BG038502.D

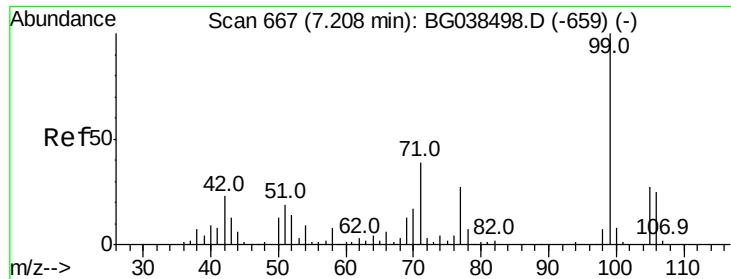
Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 24824 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 40.8  | 31.7  | 47.5  |
| 65        | 23.6  | 17.8  | 26.6  |



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 20.212 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

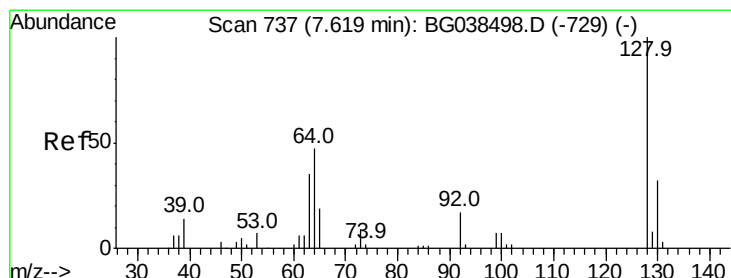
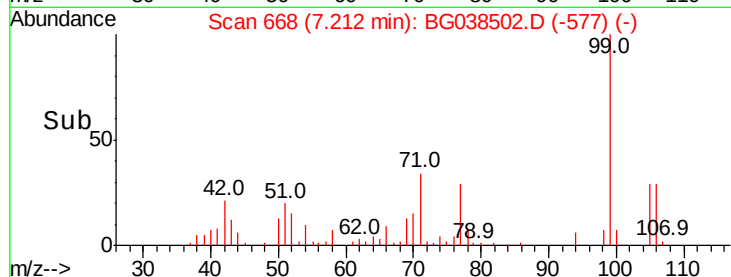
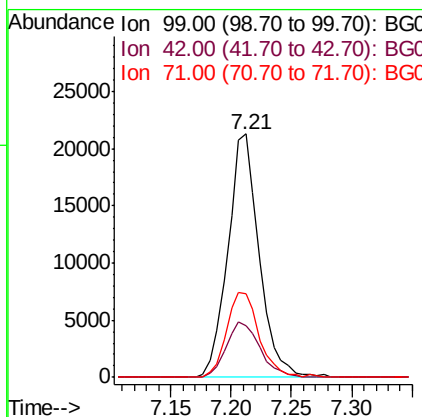
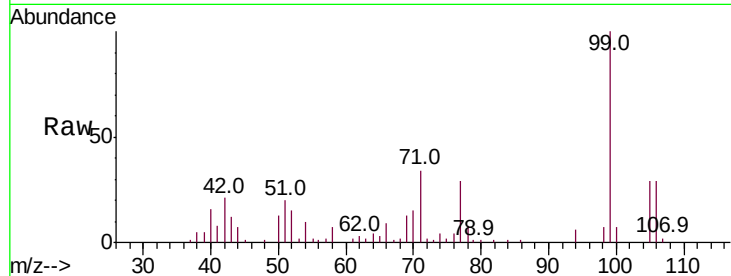
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 99    | Resp: | 38271 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 21.3  | 18.5  | 27.7  |
| 71        | 34.1  | 31.1  | 46.7  |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 10.161 ng

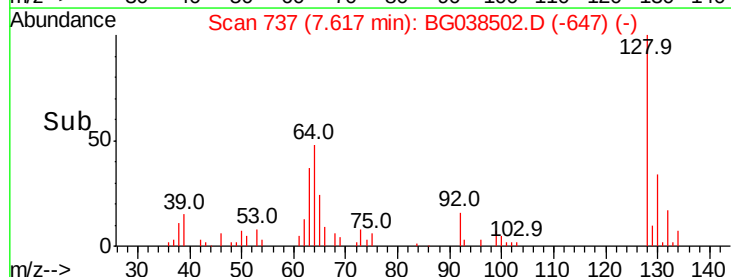
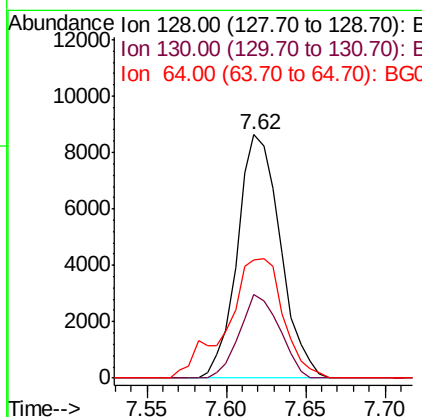
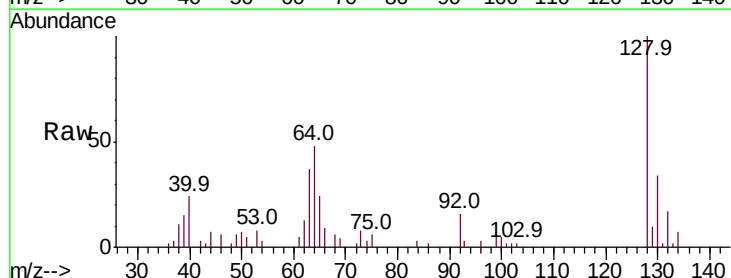
RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

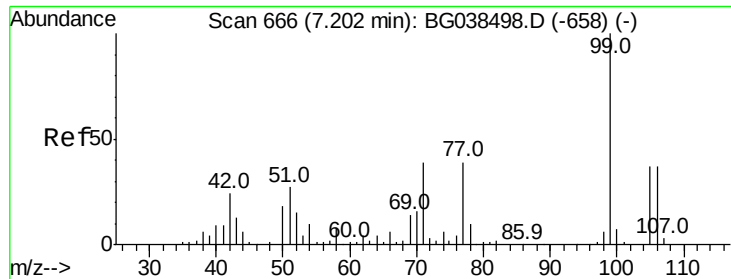
Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 16262 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 34.2  | 11.8  | 51.8  |
| 64        | 48.4  | 33.2  | 73.2  |







#9

Benzaldehyde

Concen: 12.312 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

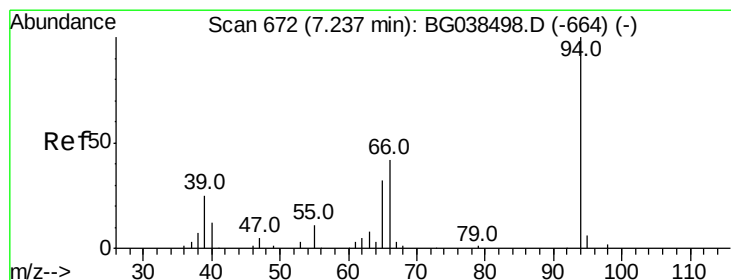
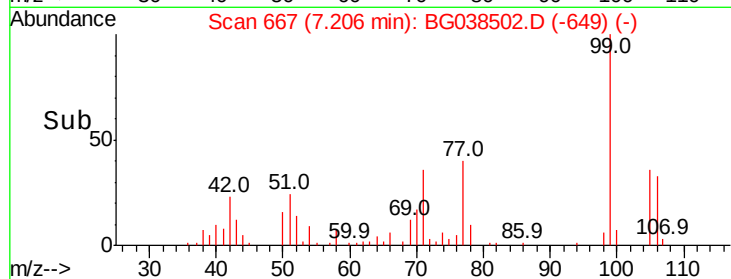
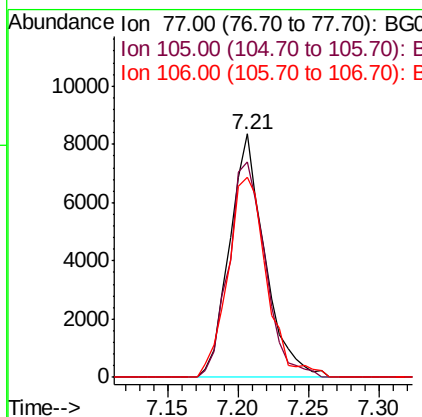
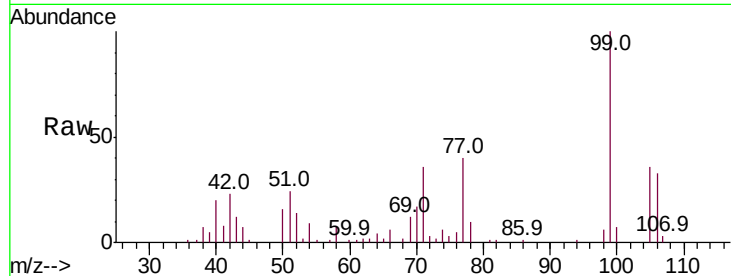
ClientSampleID :

SSTDICC010

Tot Ion: 77 Resp: 14556  
 Ion Ratio Lower Upper  
 77 100  
 105 88.7 74.0 114.0  
 106 82.4 73.9 113.9

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#10

Phenol

Concen: 9.754 ng

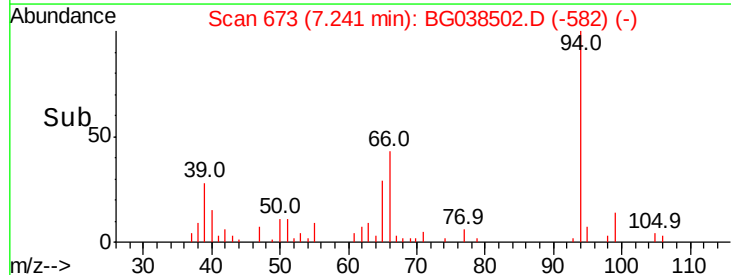
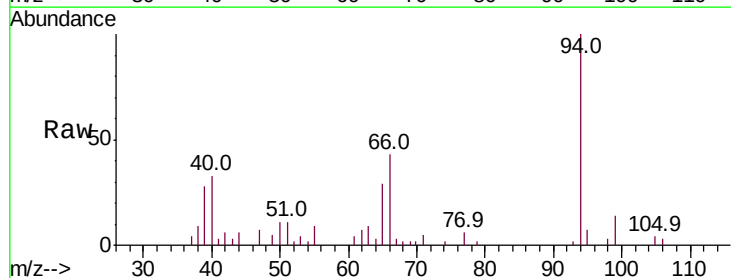
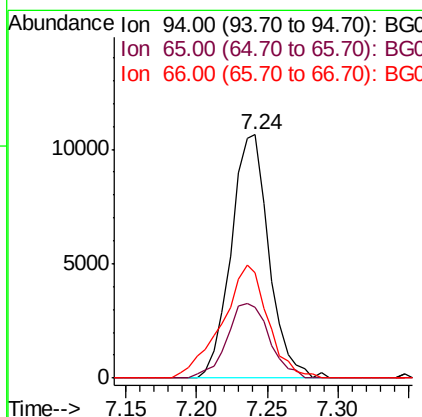
RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

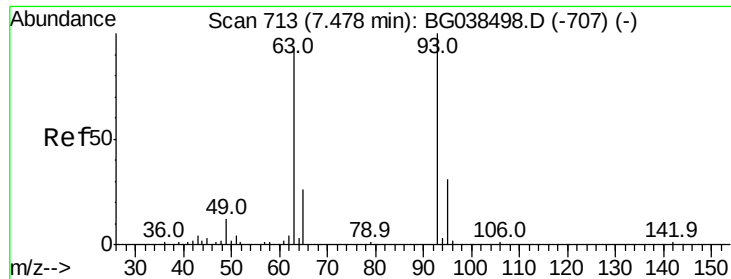
Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Tgt Ion: 94 Resp: 19814  
 Ion Ratio Lower Upper  
 94 100  
 65 29.0 12.6 52.6  
 66 43.4 24.1 64.1







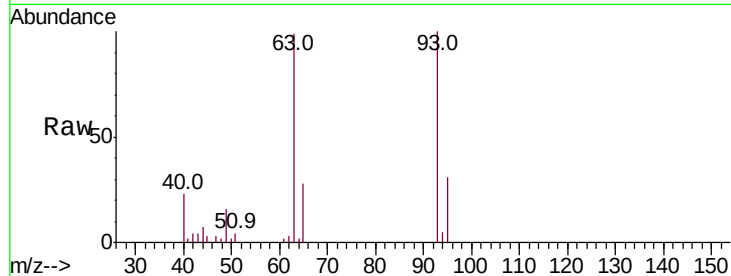
#11  
bis(2-Chloroethyl)ether  
Concen: 10.002 ng  
RT: 7.48 min Scan# 714  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 98.9  | 72.2  | 112.2 |
| 95      | 31.2  | 11.2  | 51.2  |

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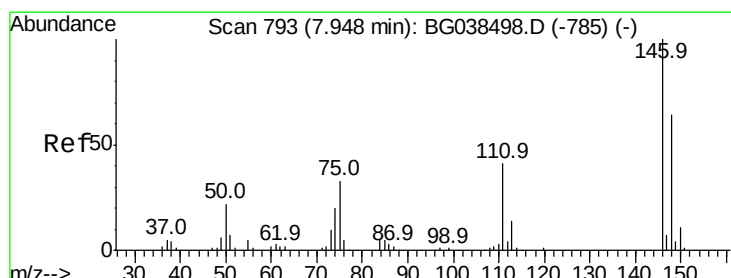
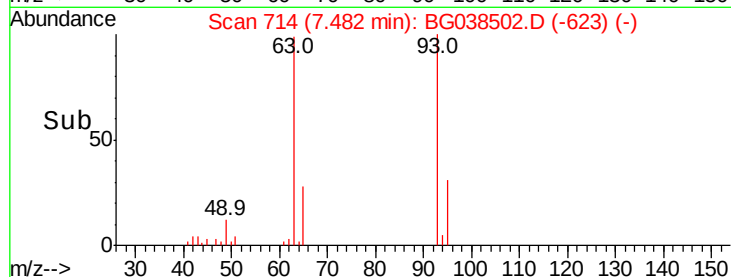
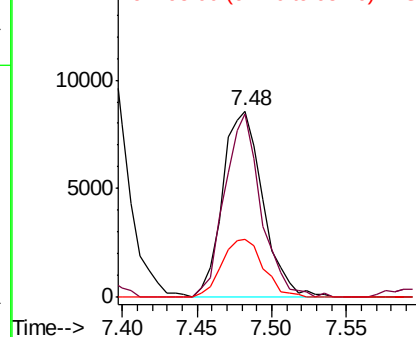


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12  
1,3-Dichlorobenzene  
Concen: 9.991 ng  
RT: 7.95 min Scan# 793  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

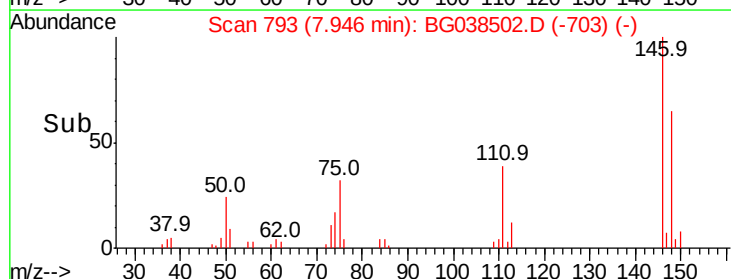
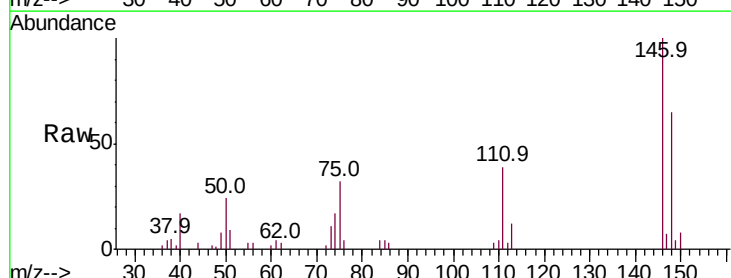
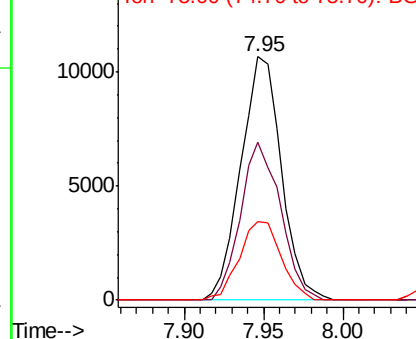
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.4  | 77.0  |
| 75      | 32.4  | 26.1  | 39.1  |

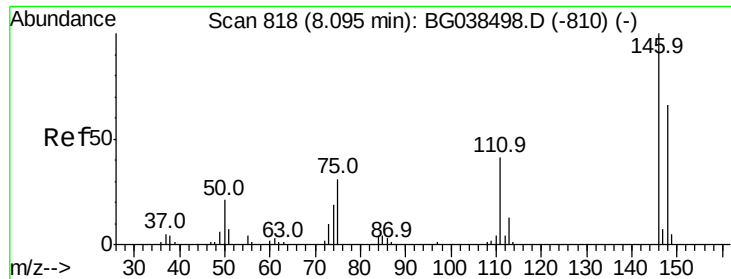
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC





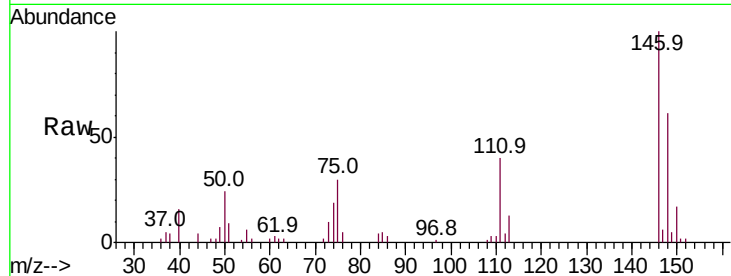
#13  
 1,4-Dichlorobenzene  
 Concen: 10.359 ng  
 RT: 8.10 min Scan# 819  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.8  | 52.4  | 78.6  |
| 111     | 39.6  | 33.0  | 49.4  |

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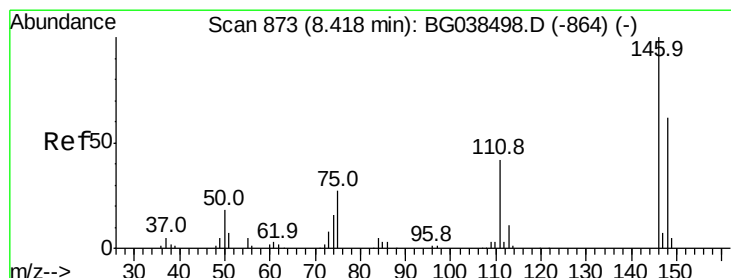
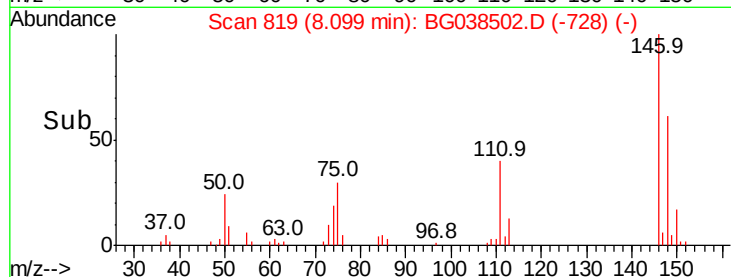
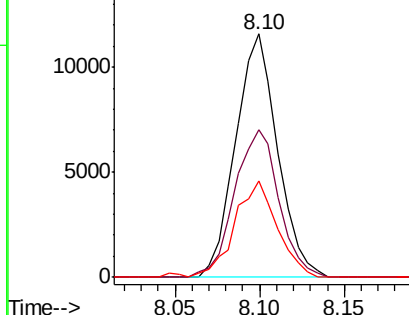


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 10.523 ng  
 RT: 8.42 min Scan# 873  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

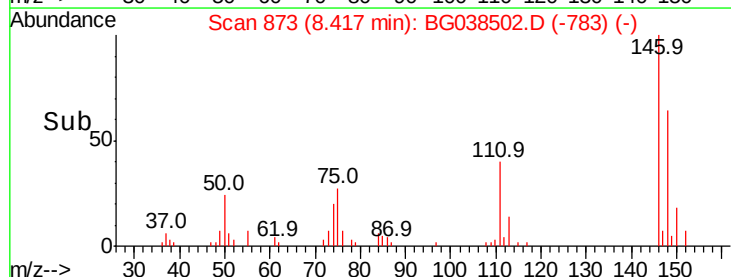
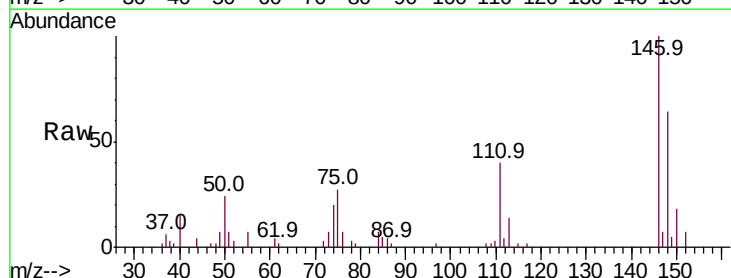
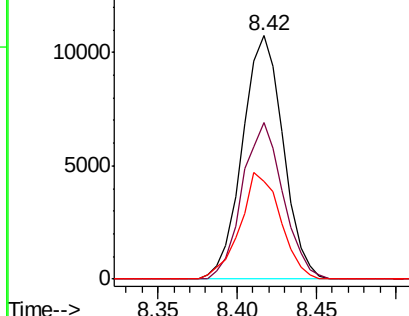
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 49.4  | 74.0  |
| 111     | 40.2  | 33.8  | 50.6  |

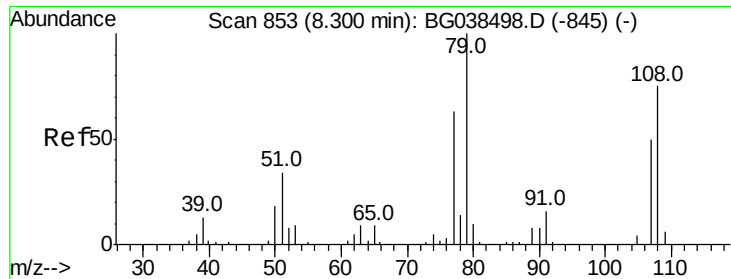
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.636 ng

RT: 8.30 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

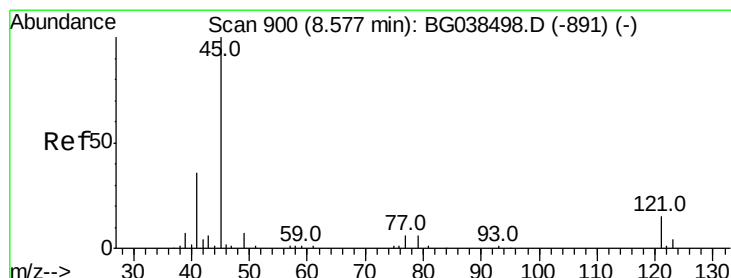
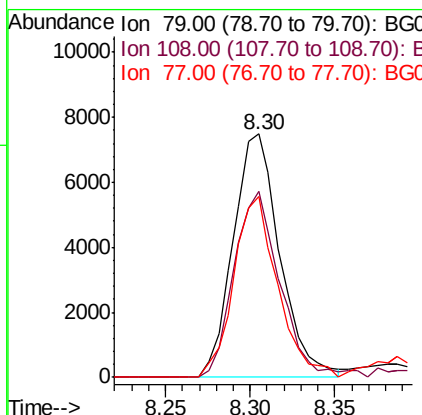
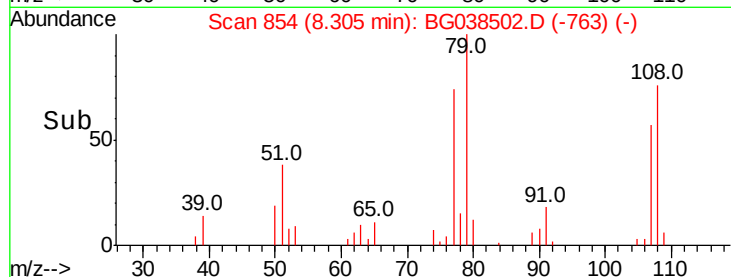
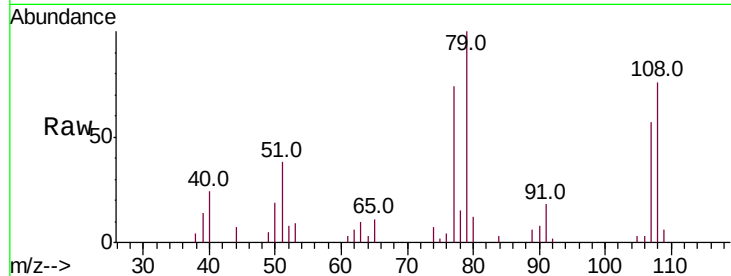
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 14367 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 76.3  | 60.2  | 90.4  |
| 77        | 74.3  | 50.7  | 76.1  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.476 ng

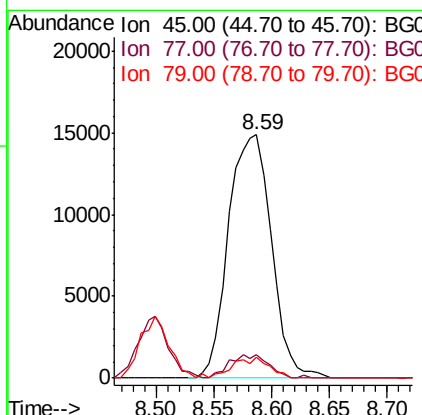
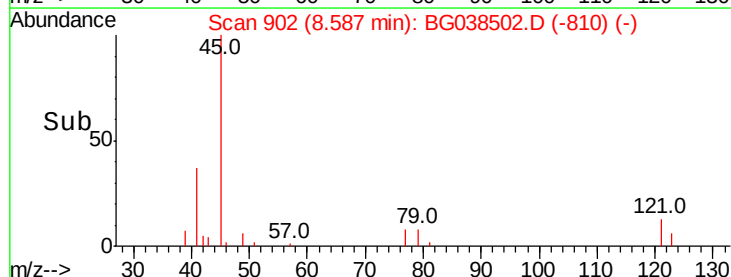
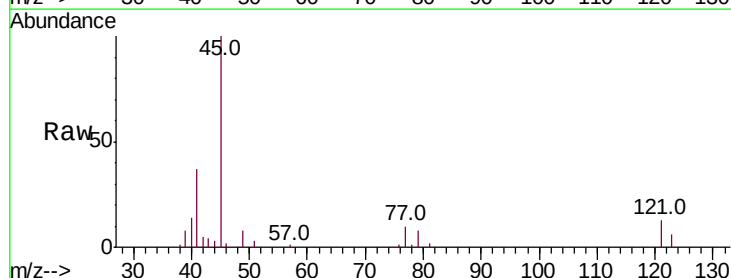
RT: 8.59 min Scan# 902

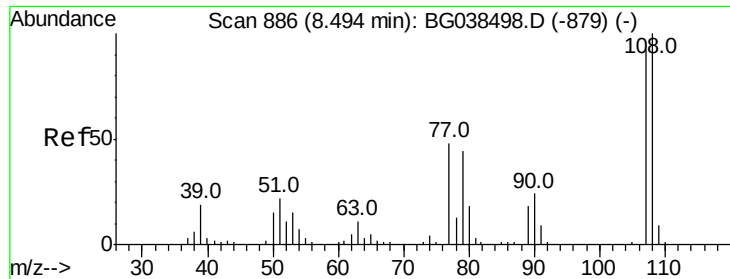
Delta R.T. 0.01 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 38418 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 9.7   | 0.0   | 28.2  |
| 79        | 8.4   | 0.0   | 27.2  |





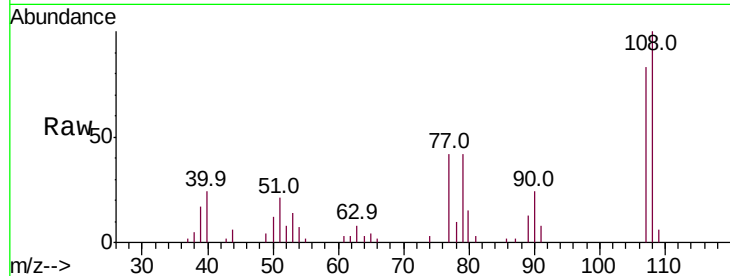
#17  
2-Methylphenol  
Concen: 9.997 ng  
RT: 8.50 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

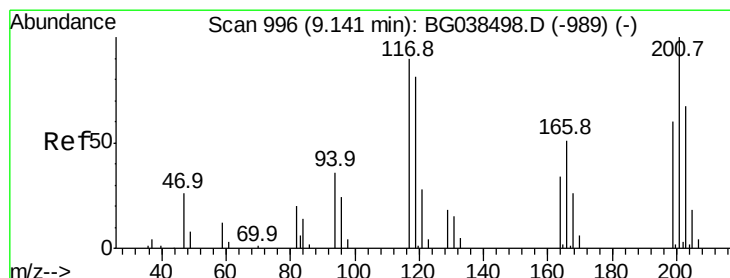
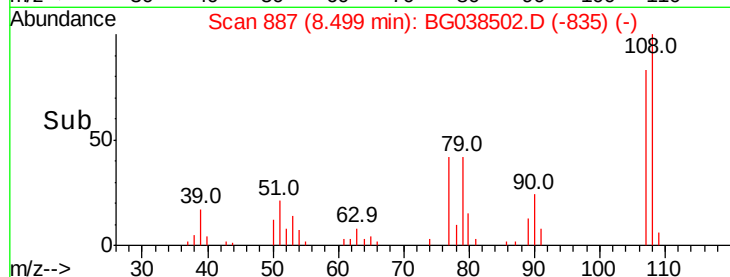
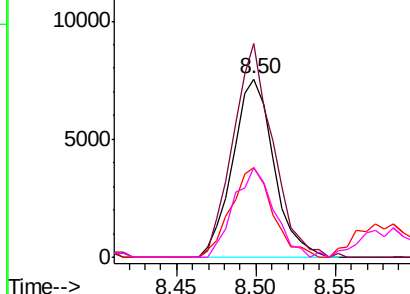
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 13583 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 120.0 | 87.1  | 130.7 |
| 77        | 50.4  | 42.0  | 63.0  |
| 79        | 50.3  | 38.2  | 57.2  |

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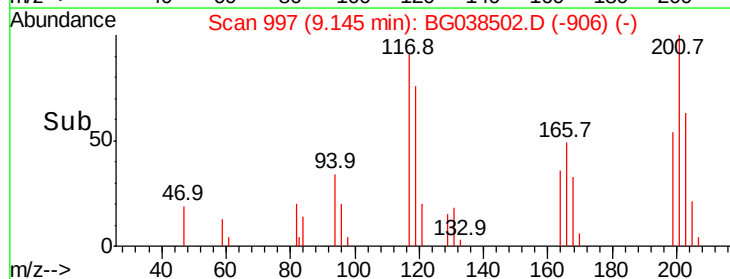
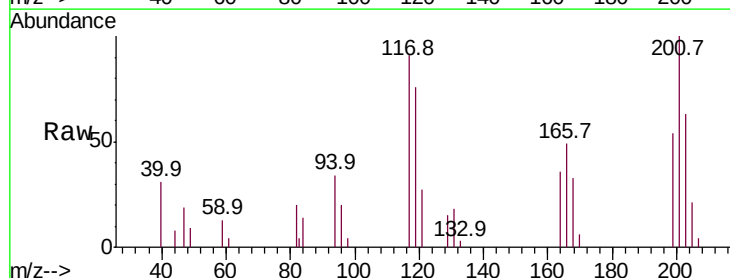
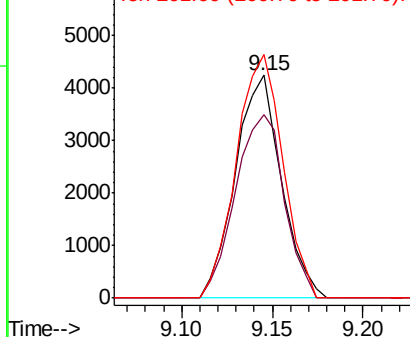
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

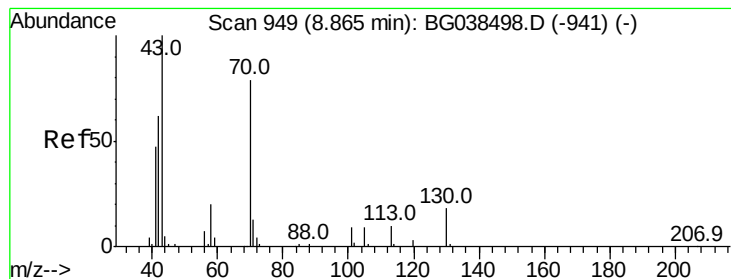


#18  
Hexachloroethane  
Concen: 10.609 ng  
RT: 9.15 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 7481  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 82.6  | 73.8  | 110.8 |
| 201       | 109.3 | 89.4  | 134.0 |

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: 10.040 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

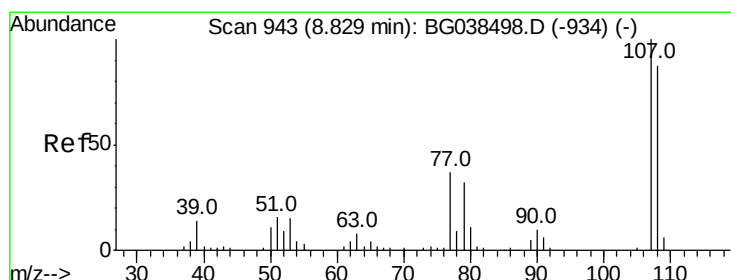
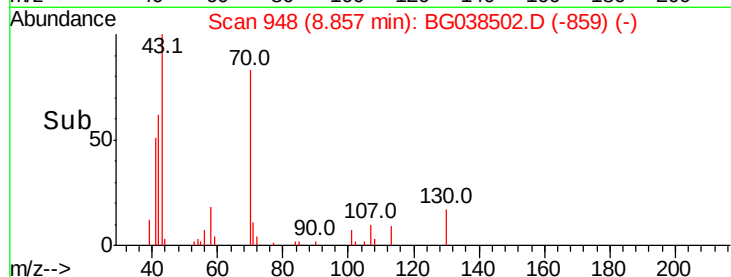
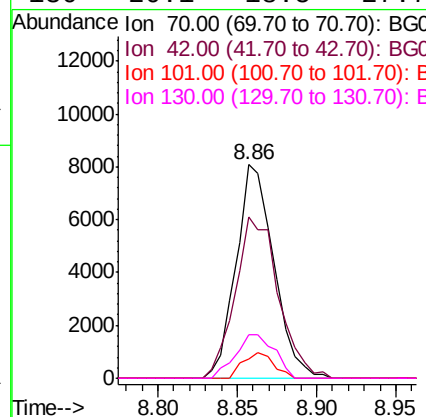
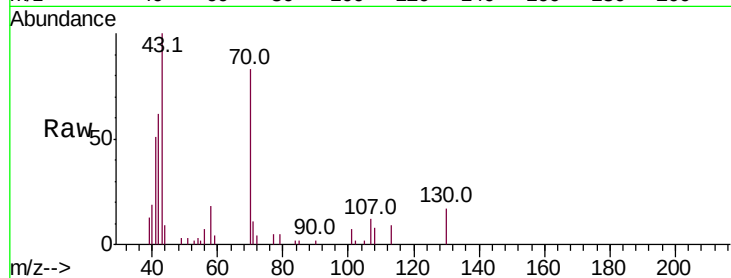
ClientSampleId :

SSTDICC010

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 75.7 | 63.6  | 95.4  |       |
| 101     | 8.8  | 9.2   | 13.8  |       |
| 130     | 20.1 | 18.5  | 27.7  |       |

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#20

3+4-Methylphenols

Concen: 9.464 ng

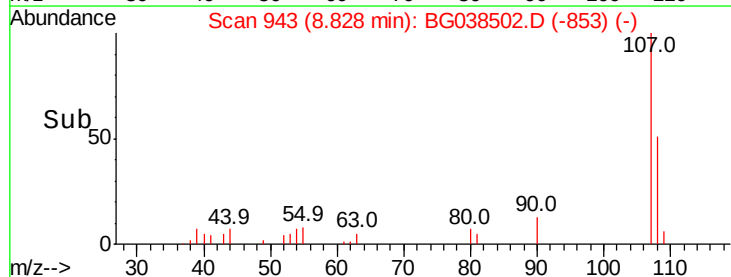
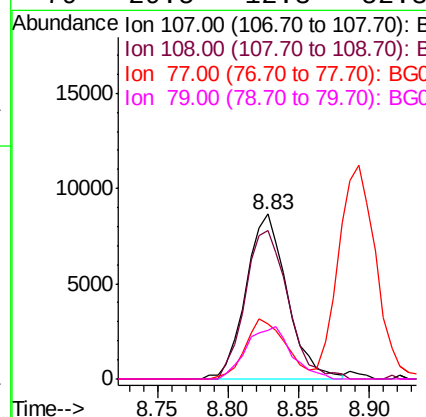
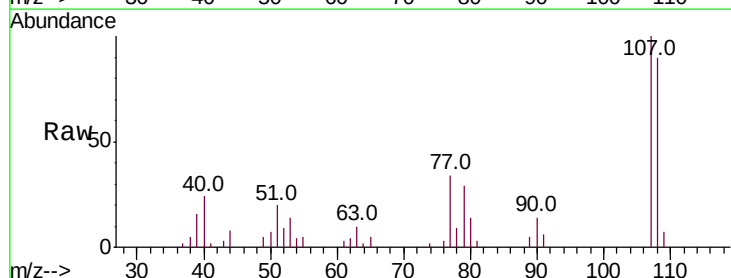
RT: 8.83 min Scan# 943

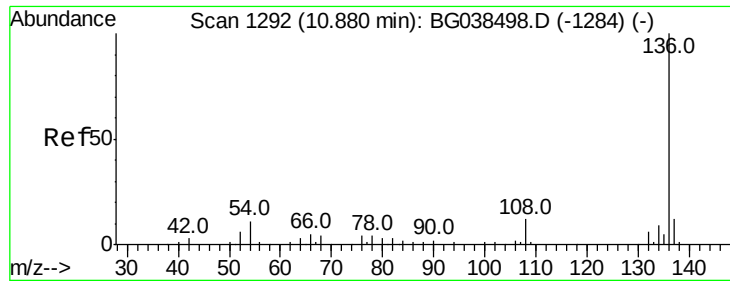
Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 90.0 | 66.7  | 106.7 |       |
| 77      | 33.8 | 17.3  | 57.3  |       |
| 79      | 29.5 | 12.3  | 52.3  |       |





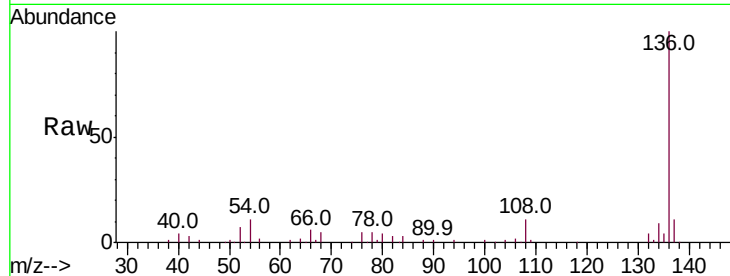
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 101578 |       |       |
| 137     | 10.6  | 9.3    | 13.9  |       |
| 54      | 11.4  | 8.5    | 12.7  |       |
| 68      | 5.4   | 3.5    | 5.3   |       |

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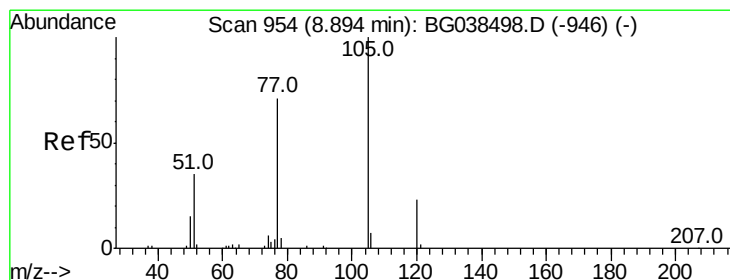
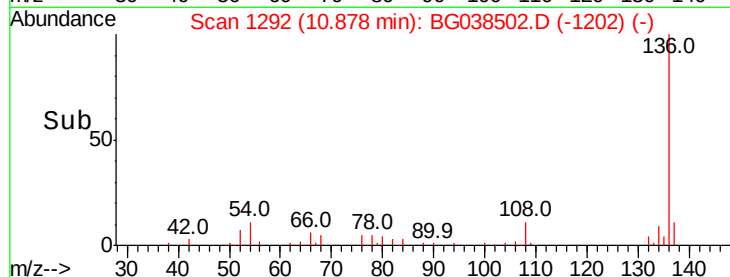
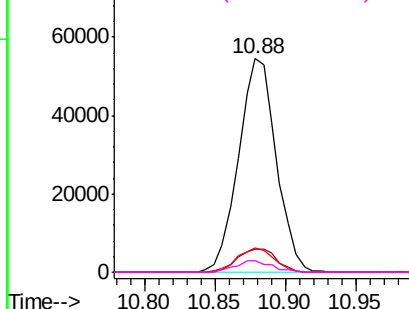
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 10.789 ng  
RT: 8.89 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 26376 |       |       |
| 71      | 0.0   | 0.4   | 0.6   |       |
| 51      | 33.7  | 30.6  | 46.0  |       |
| 120     | 21.3  | 18.6  | 28.0  |       |

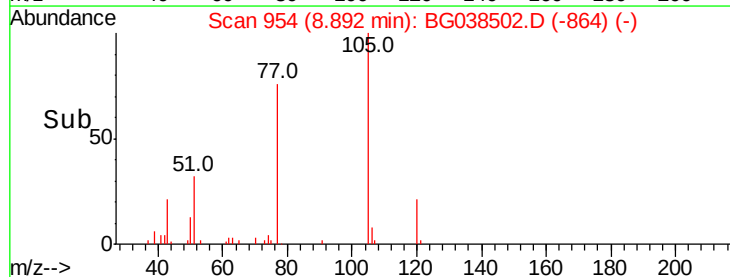
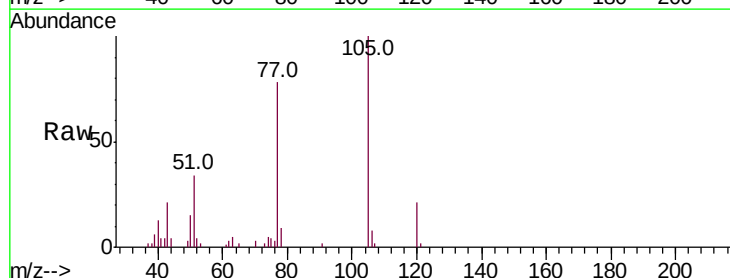
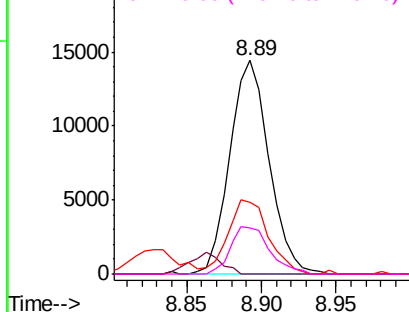
Abundance

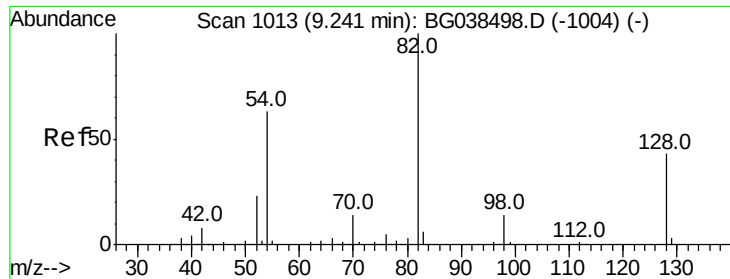
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





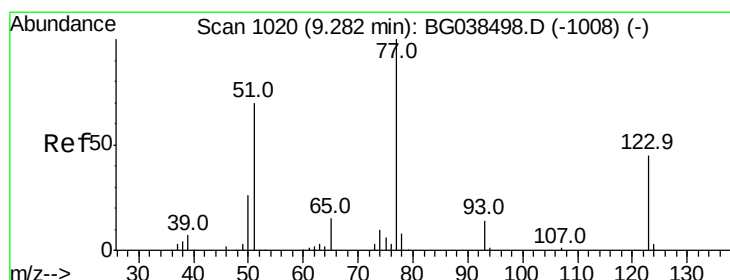
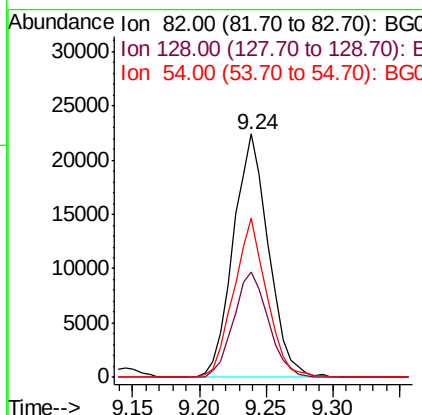
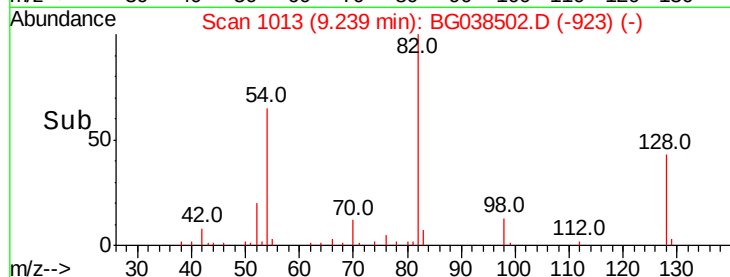
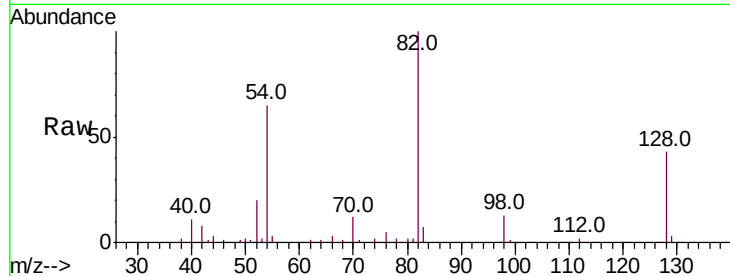
#23  
Nitrobenzene-d5  
Concen: 21.418 ng  
RT: 9.24 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.3  | 34.6  | 52.0  |
| 54      | 65.2  | 50.6  | 76.0  |

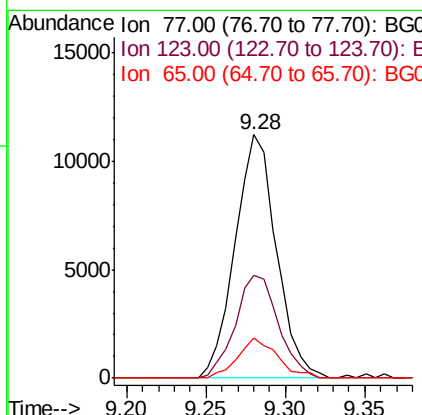
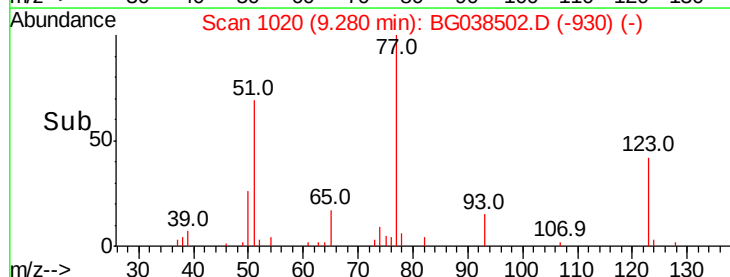
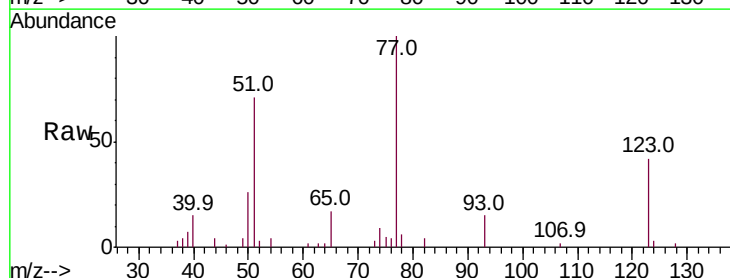
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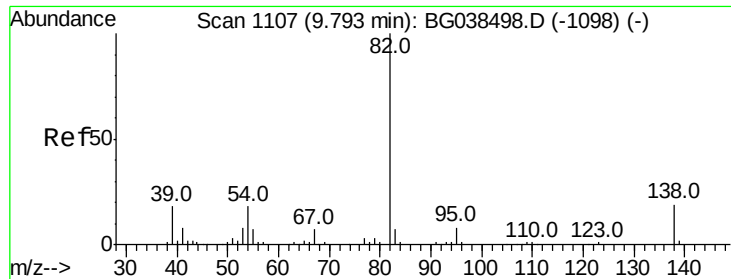


#24  
Nitrobenzene  
Concen: 10.438 ng  
RT: 9.28 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.2  | 35.9  | 53.9  |
| 65      | 16.7  | 12.0  | 18.0  |







#25

Isophorone

Concen: 9.592 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

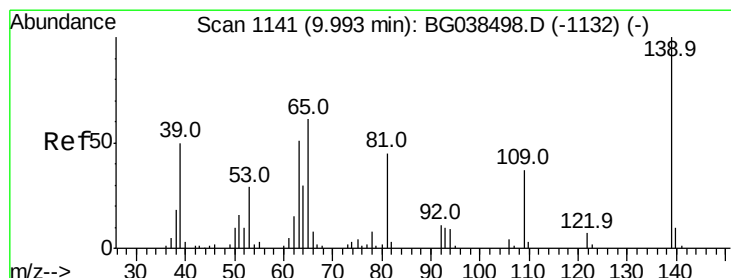
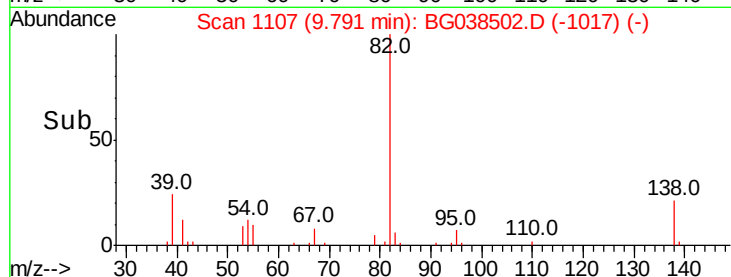
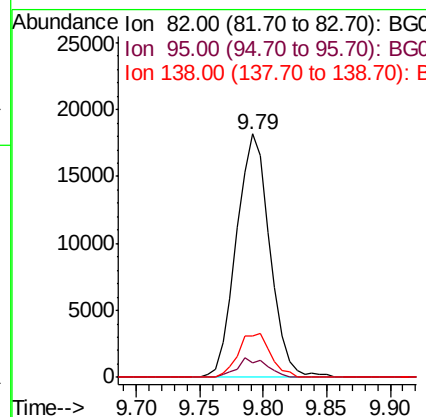
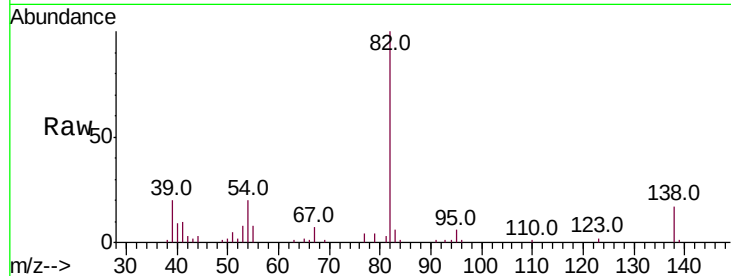
ClientSampleId :

SSTDICC010

| Tot Ion   | 82    | Resp  | 33146 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 6.0   | 6.1   | 9.1#  |
| 138       | 16.8  | 14.9  | 22.3  |

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#26

2-Nitrophenol

Concen: 9.299 ng

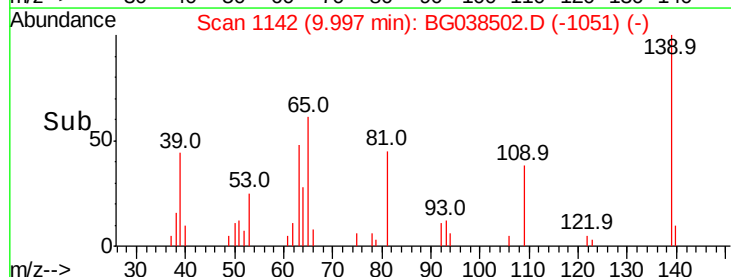
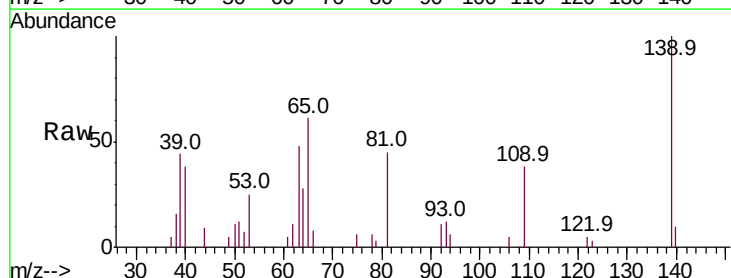
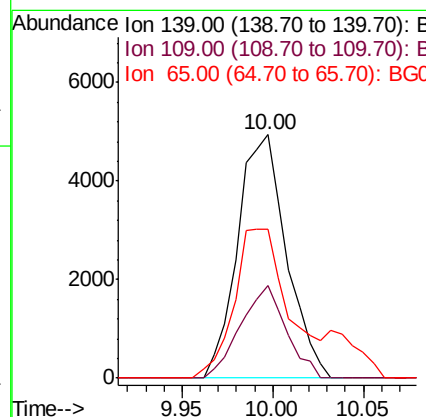
RT: 10.00 min Scan# 1142

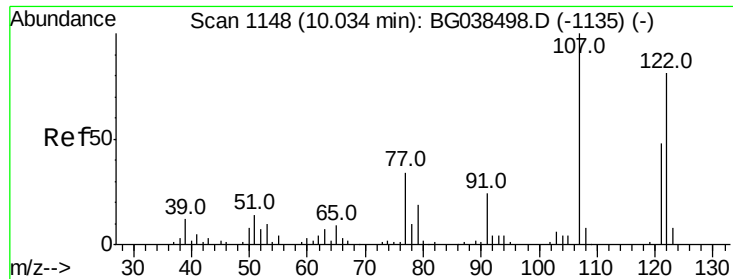
Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

| Tgt Ion   | 139   | Resp  | 9230 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 139       | 100   |       |      |
| 109       | 38.3  | 29.5  | 44.3 |
| 65        | 61.1  | 48.5  | 72.7 |





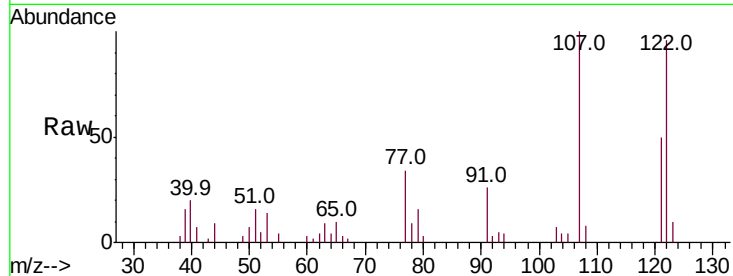
#27  
2,4-Dimethylphenol  
Concen: 10.491 ng  
RT: 10.04 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC010

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       | 14812 |       |       |
| 107     | 103.9 | 98.4  | 147.6 |       |       |
| 121     | 51.8  | 47.2  | 70.8  |       |       |

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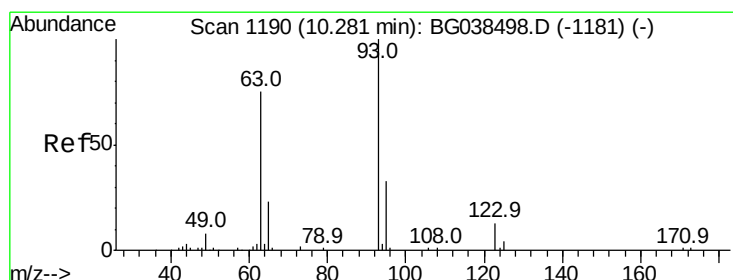
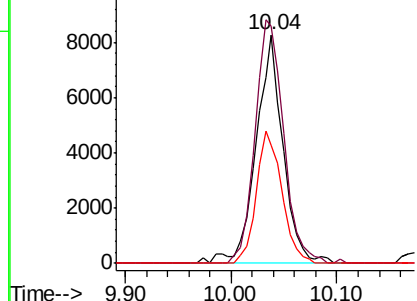
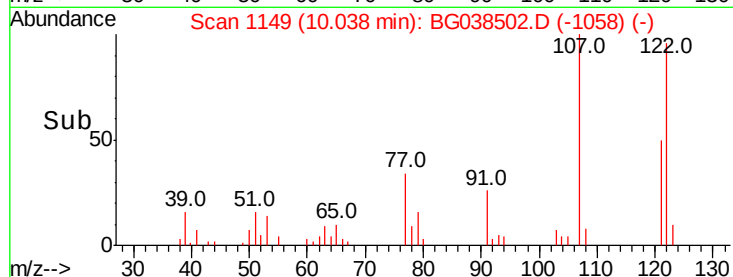


Abundance

Ion 122.00 (121.70 to 122.70): E

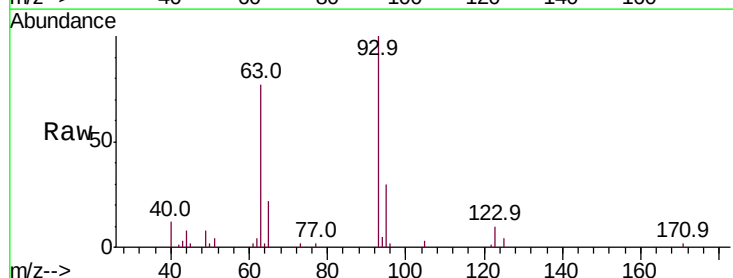
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.574 ng  
RT: 10.28 min Scan# 1190  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 20686 |       |       |
| 95      | 30.4 | 26.6  | 40.0  |       |       |
| 123     | 10.4 | 10.6  | 16.0  |       |       |

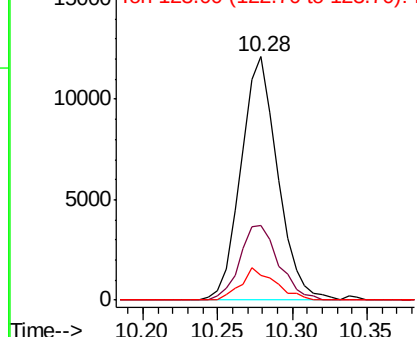
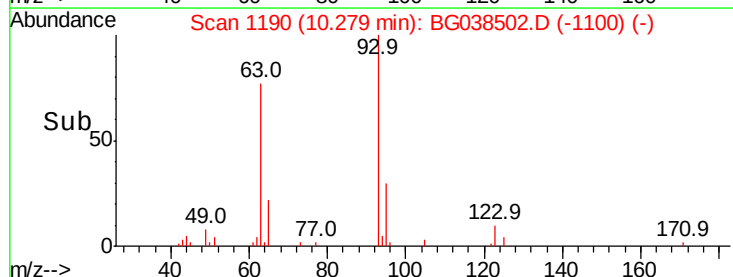


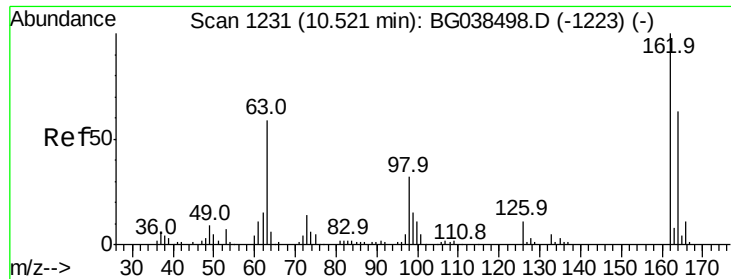
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





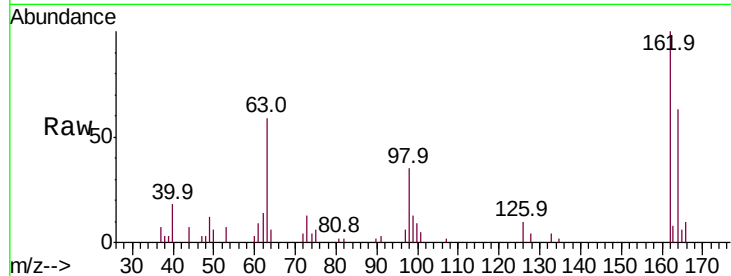
#29  
 2,4-Dichlorophenol  
 Concen: 10.049 ng  
 RT: 10.53 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.9  | 42.9  | 82.9  |
| 98      | 34.9  | 12.1  | 52.1  |

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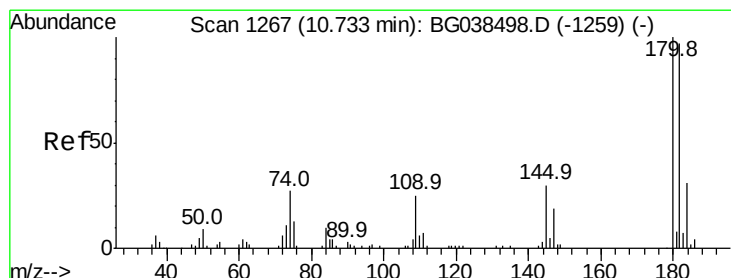
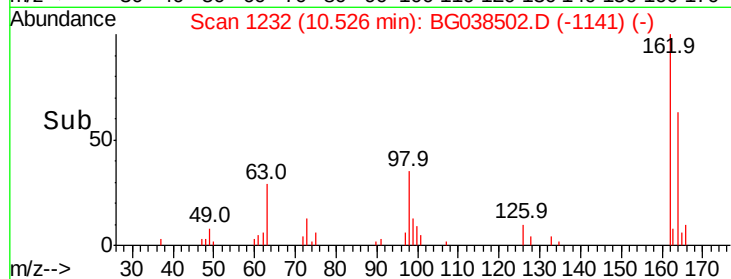
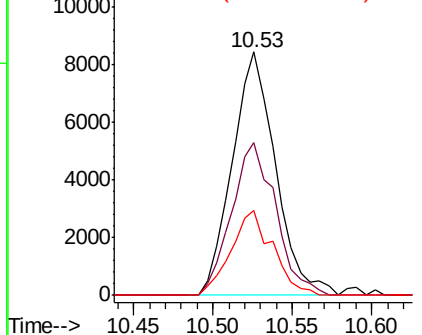


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 10.049 ng  
 RT: 10.74 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

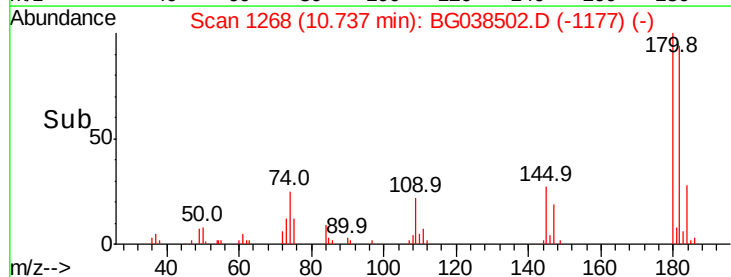
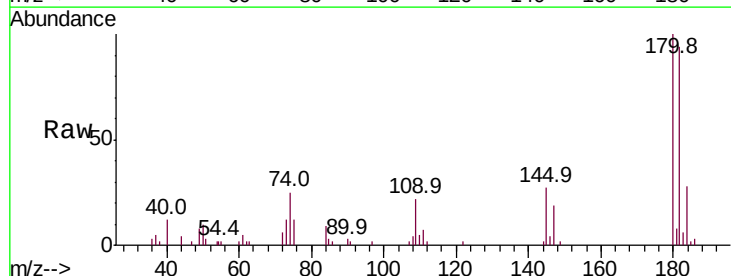
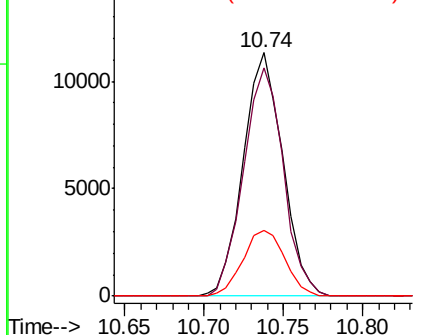
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.6  | 77.4  | 116.0 |
| 145     | 26.8  | 24.1  | 36.1  |

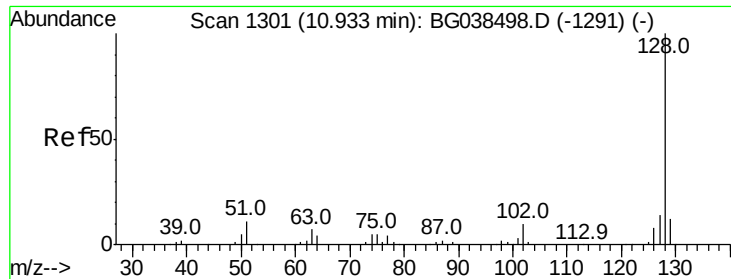
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





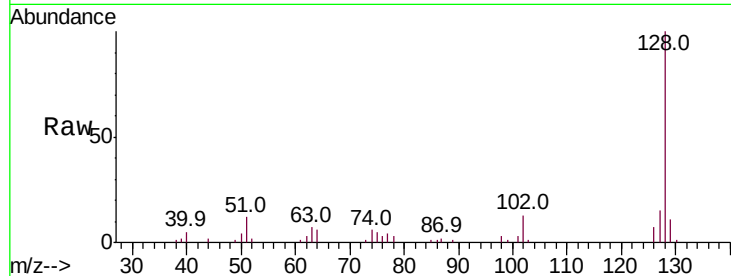
#31  
Naphthalene  
Concen: 10.205 ng  
RT: 10.93 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

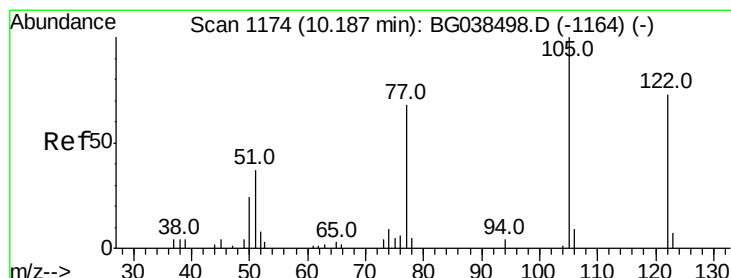
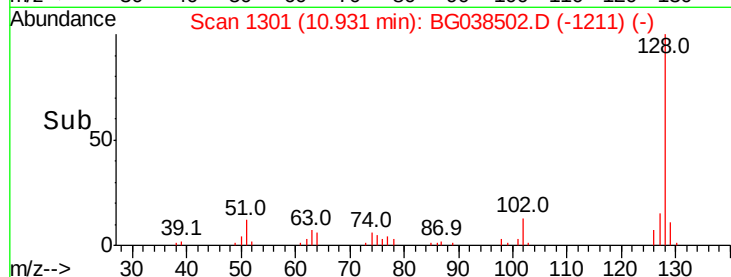
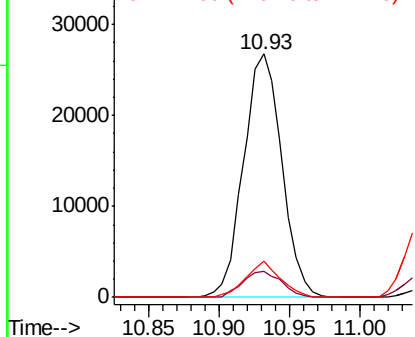
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.5   | 14.3  |
| 127     | 14.9  | 10.9  | 16.3  |

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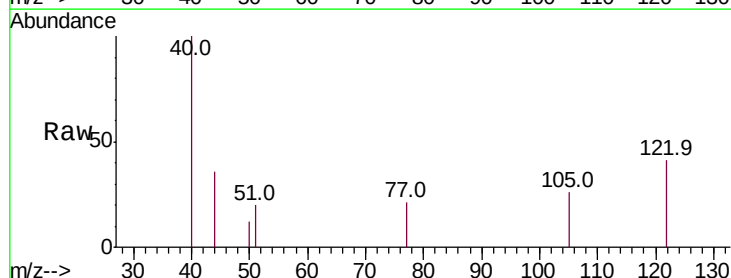


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

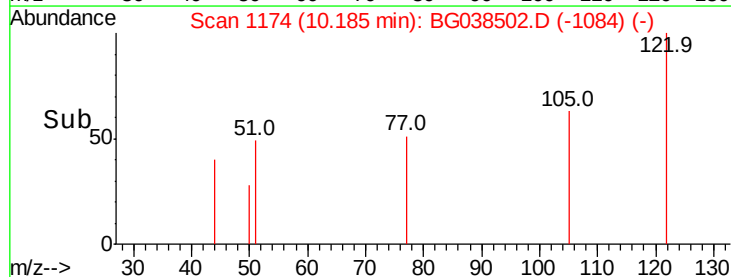
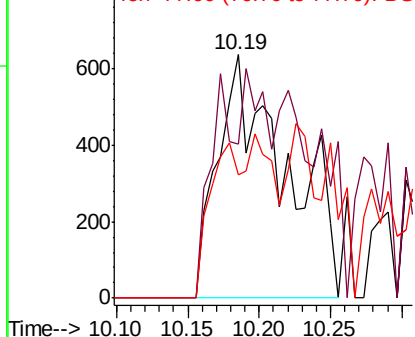


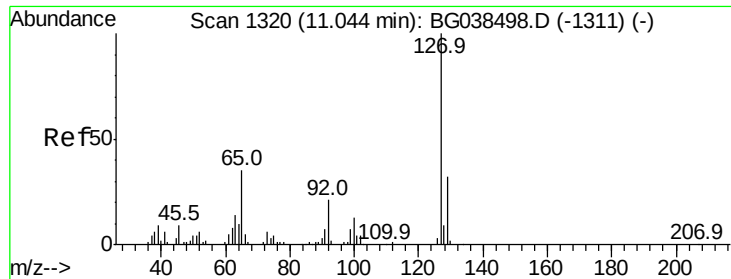
#32  
Benzoic acid  
Concen: 2.688 ng m  
RT: 10.19 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 63.1  | 116.7 | 156.7# |
| 77      | 50.7  | 72.5  | 112.5# |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BGC





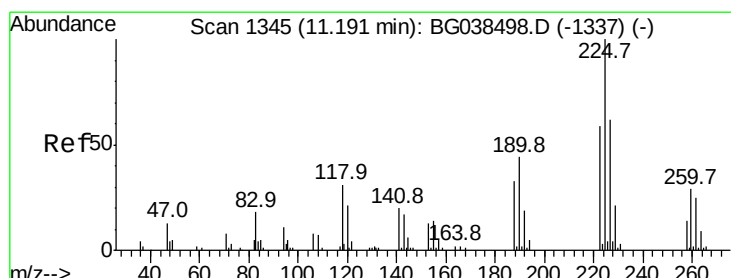
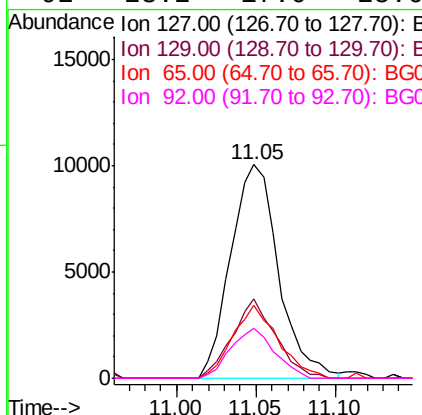
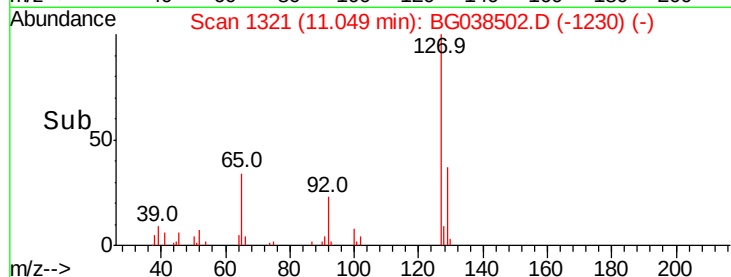
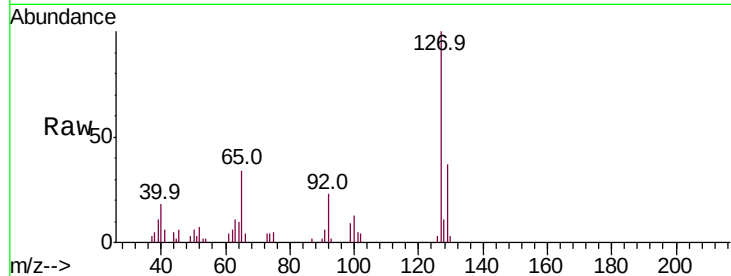
#33  
4-Chloroaniline  
Concen: 9.978 ng  
RT: 11.05 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 36.9  | 25.8  | 38.8  |
| 65      | 34.1  | 27.8  | 41.6  |
| 92      | 23.2  | 17.0  | 25.6  |

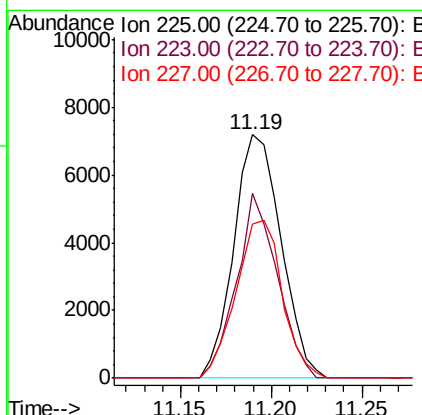
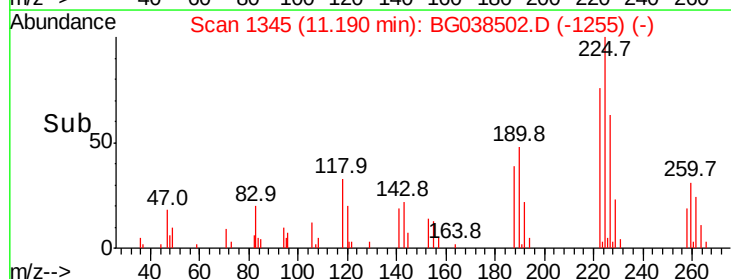
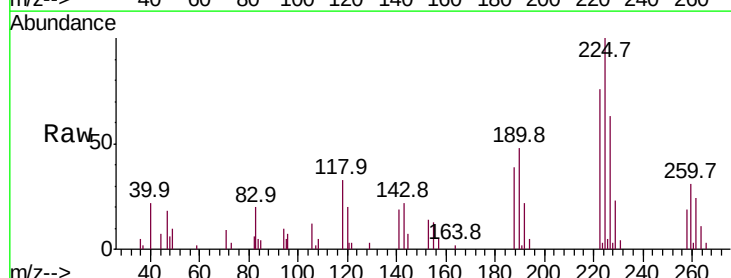
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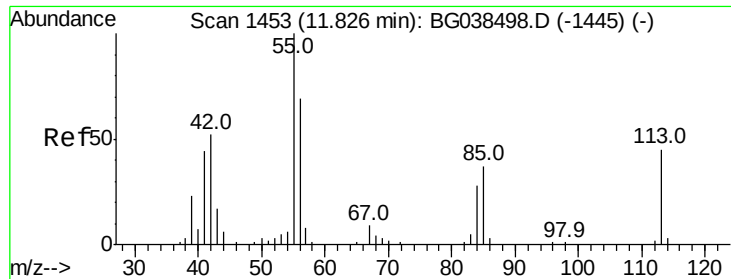
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#34  
Hexachlorobutadiene  
Concen: 9.974 ng  
RT: 11.19 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 75.4  | 45.0  | 67.6# |
| 227     | 63.6  | 50.6  | 75.8  |





#35

Caprolactam

Concen: 9.404 ng

RT: 11.81 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

Tot Ion:113 Resp: 6127  
Ion Ratio Lower Upper

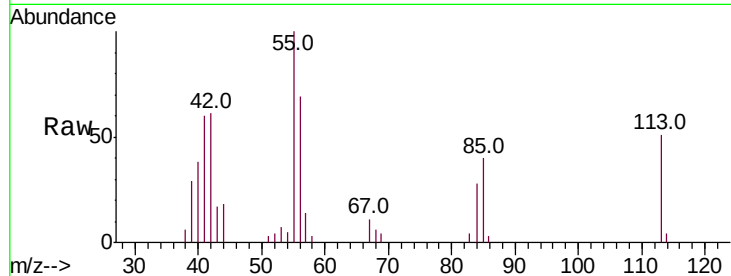
113 100

55 196.9 204.3 244.3#

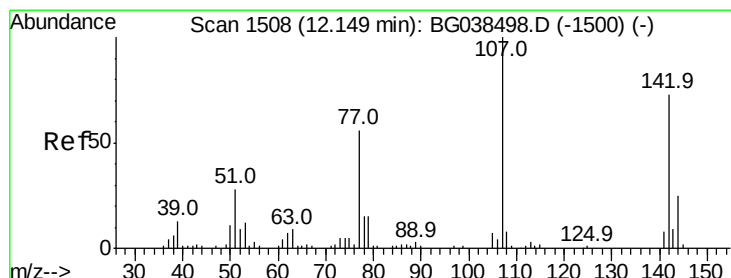
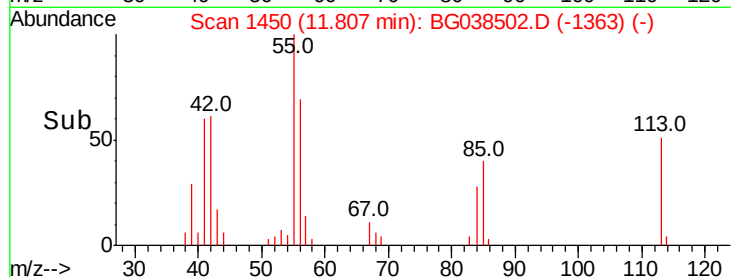
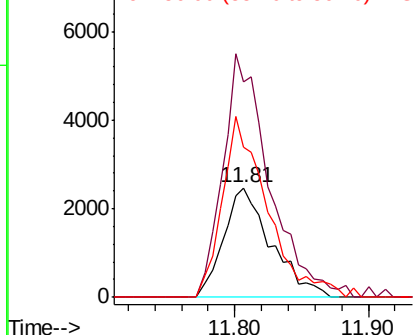
56 136.7 135.0 175.0

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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: 9.612 ng

RT: 12.15 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BG038502.D

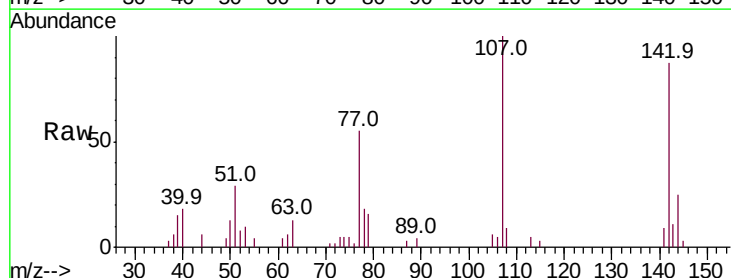
Acq: 12 Dec 2018 14:31

Tgt Ion:107 Resp: 17354  
Ion Ratio Lower Upper

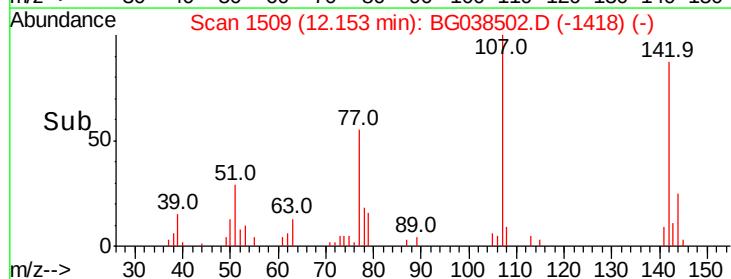
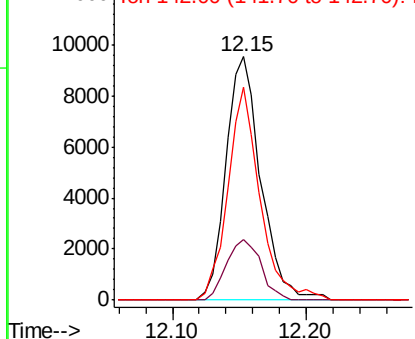
107 100

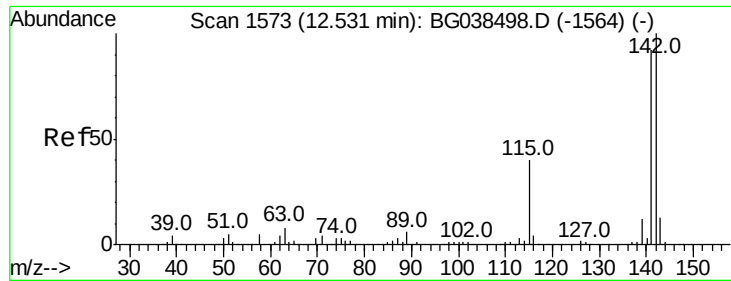
144 24.9 20.1 30.1

142 87.4 58.7 88.1



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





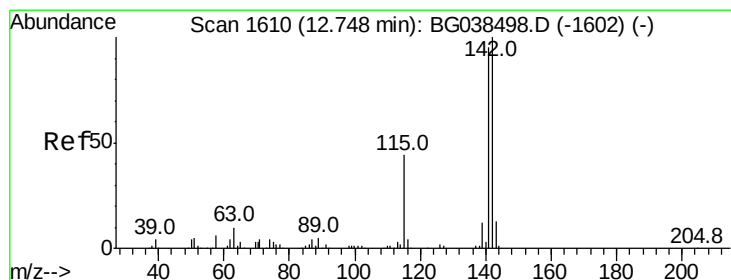
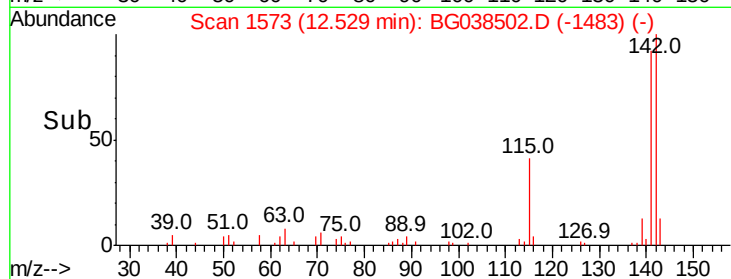
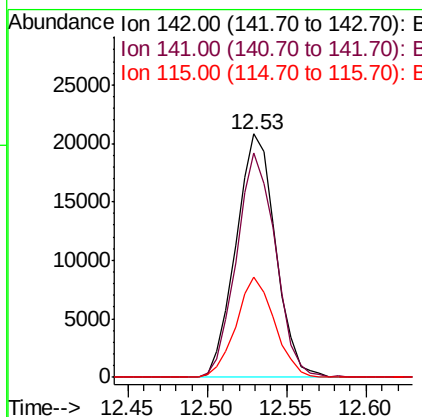
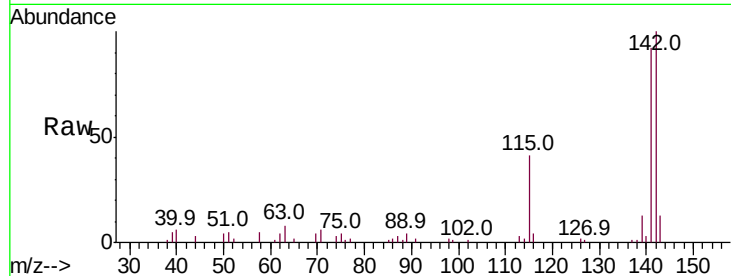
#37  
2-Methylnaphthalene  
Concen: 10.419 ng  
RT: 12.53 min Scan# 1573  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 73.5  | 110.3 |
| 115     | 40.9  | 31.7  | 47.5  |

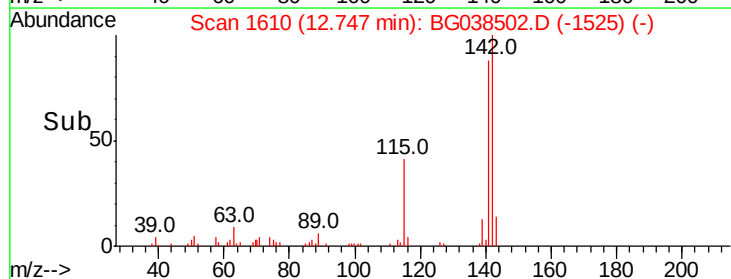
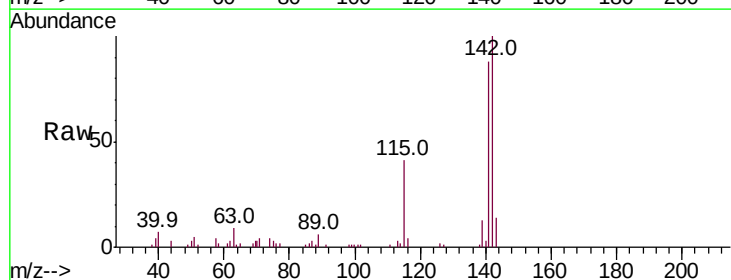
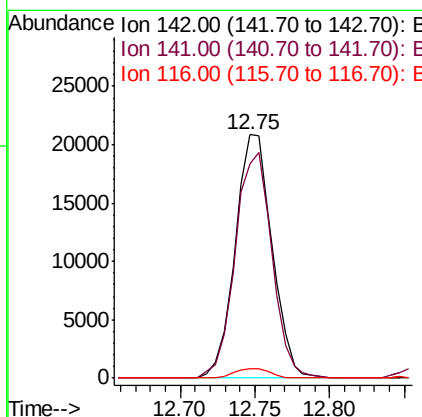
Manual Integrations  
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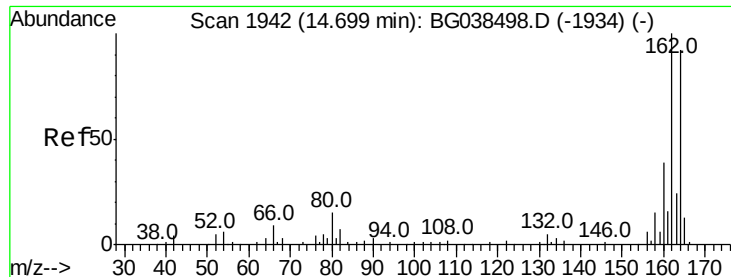
Sohil  
12/13/2018 3:06:52 PM



#38  
1-Methylnaphthalene  
Concen: 10.699 ng  
RT: 12.75 min Scan# 1610  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.0  | 75.8  | 113.8 |
| 116     | 3.9   | 3.6   | 5.4   |





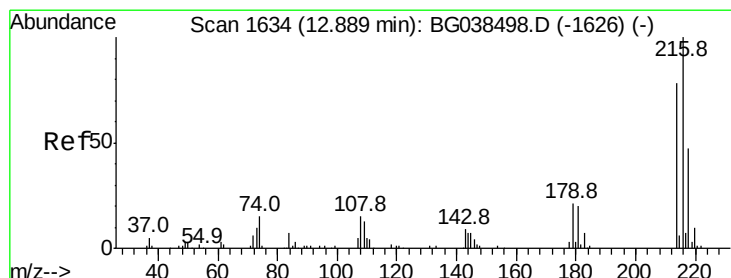
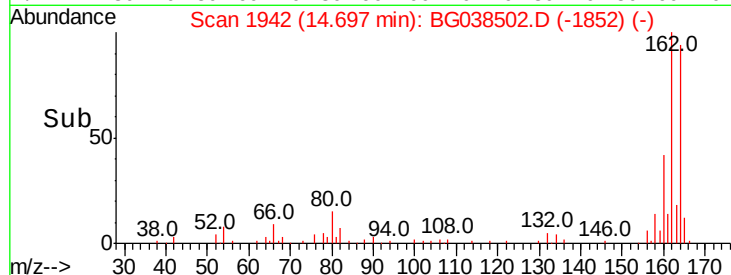
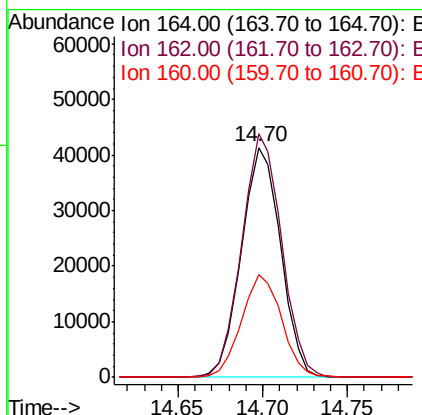
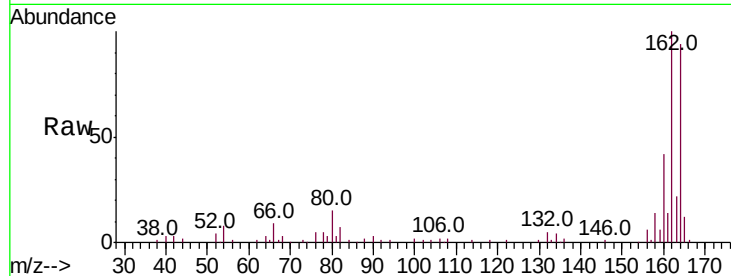
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.70 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.9 | 86.6  | 130.0 |
| 160     | 45.0  | 34.2  | 51.2  |

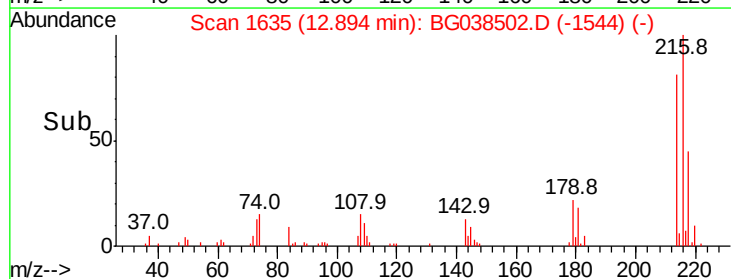
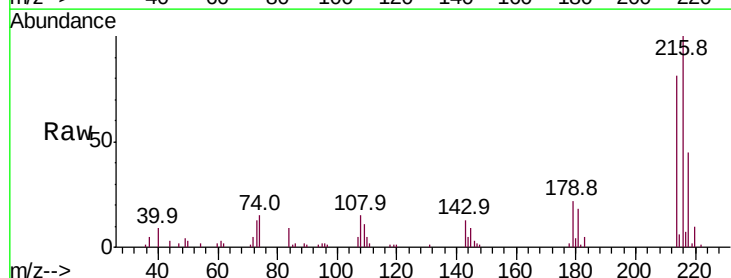
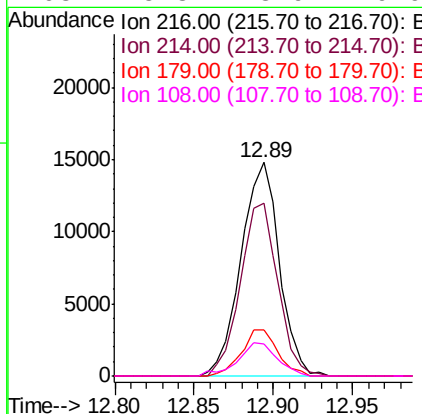
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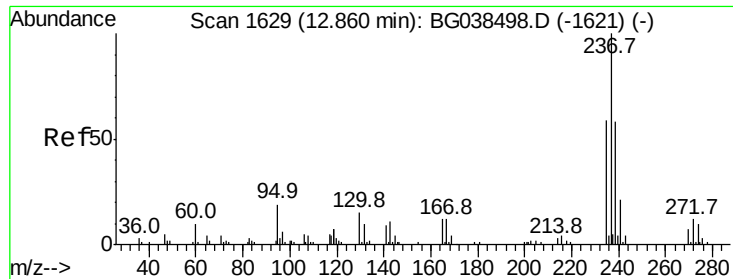


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 9.875 ng  
RT: 12.89 min Scan# 1635  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.0  | 64.1  | 96.1  |
| 179     | 20.4  | 16.4  | 24.6  |
| 108     | 15.8  | 13.9  | 20.9  |







#41

Hexachlorocyclopentadiene

Concen: 8.489 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

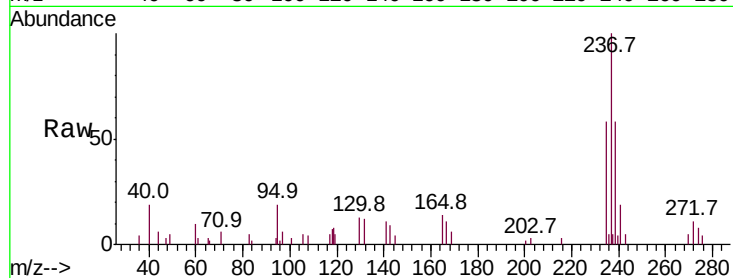
ClientSampleId :

SSTDIC010

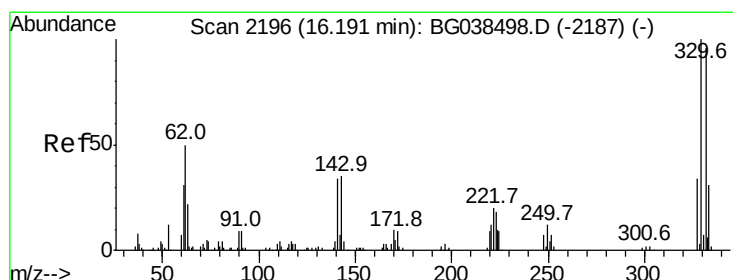
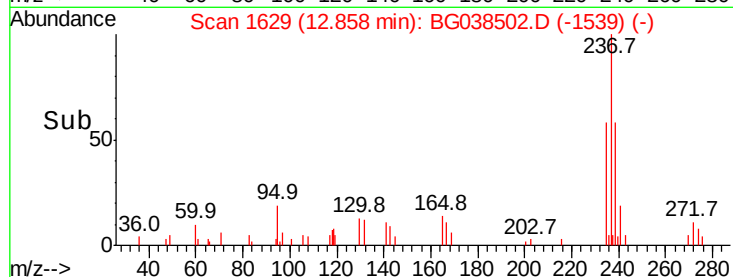
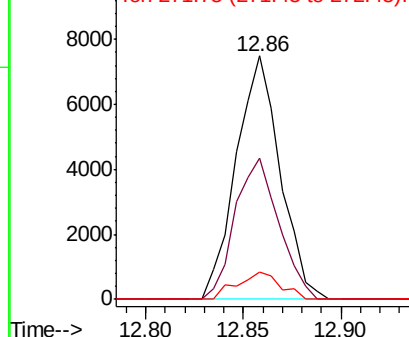
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 11680 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 58.2  | 38.8  | 78.8  |
| 272       | 11.1  | 0.0   | 32.0  |

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



#42

2,4,6-Tribromophenol

Concen: 19.781 ng

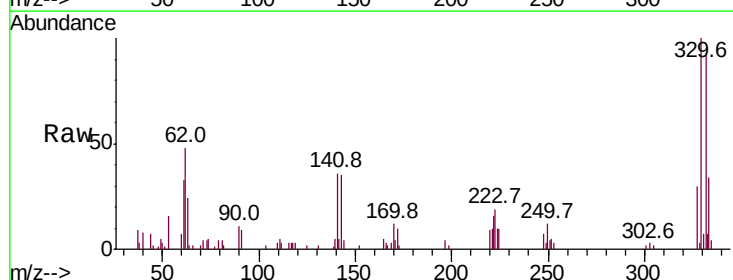
RT: 16.19 min Scan# 2196

Delta R.T. -0.00 min

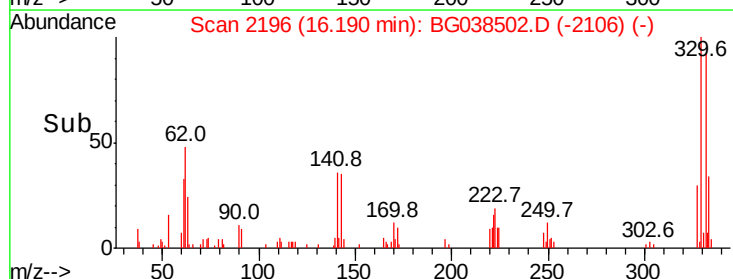
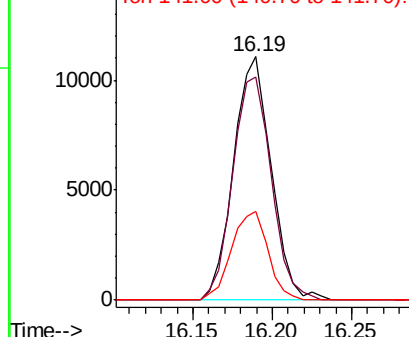
Lab File: BG038502.D

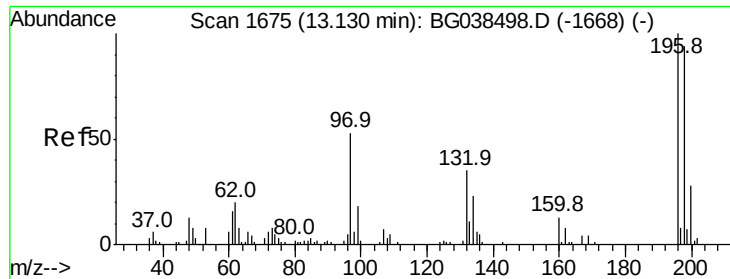
Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 18201 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 94.1  | 76.9  | 115.3 |
| 141       | 35.1  | 28.8  | 43.2  |



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





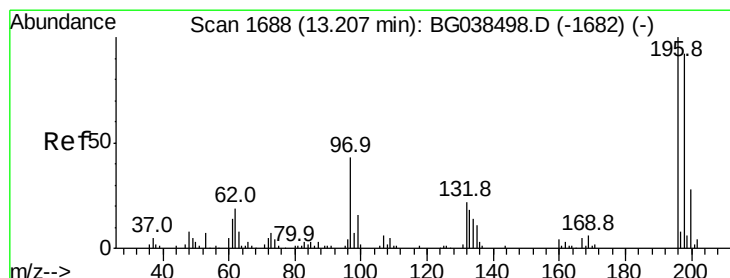
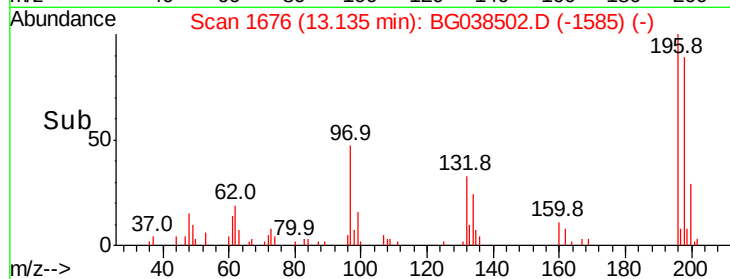
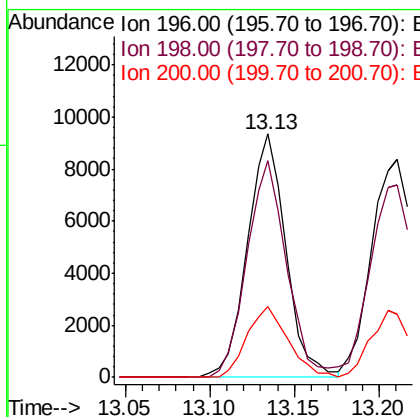
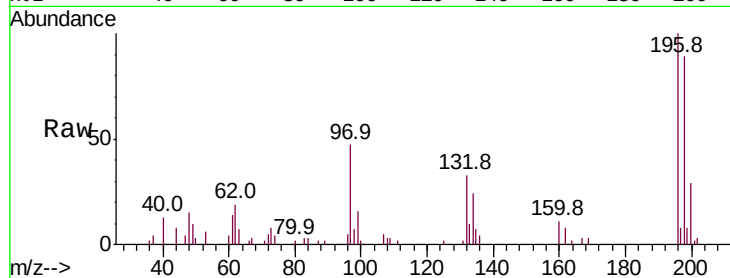
#43  
 2,4,6-Trichlorophenol  
 Concen: 9.642 ng  
 RT: 13.13 min Scan# 1676  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 14810 |       |       |
| 198     | 89.1  | 75.0  | 112.4 |       |
| 200     | 29.3  | 22.4  | 33.6  |       |

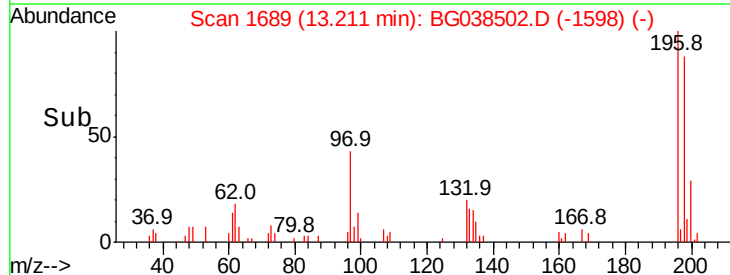
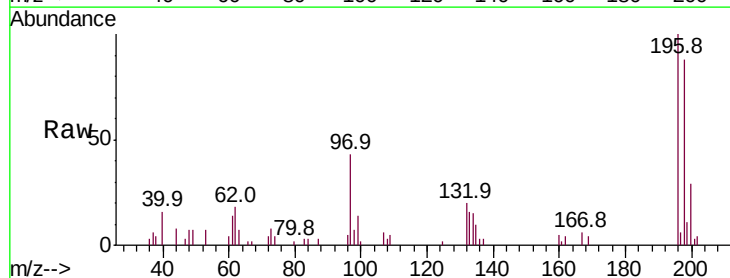
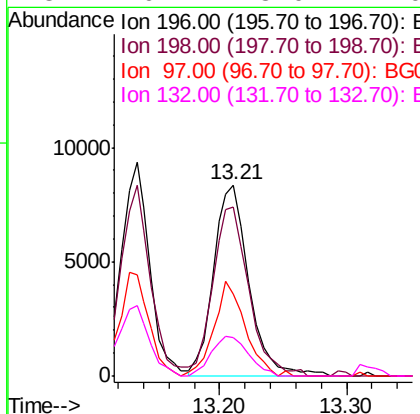
Manual Integrations  
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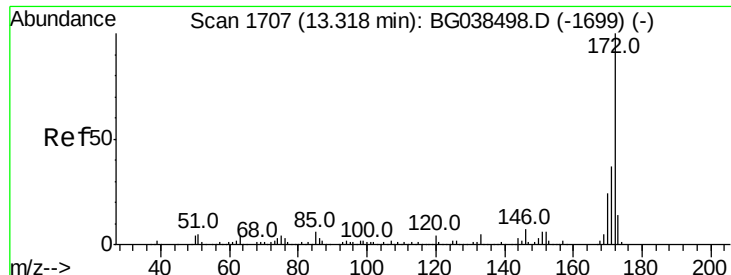
Sohil  
 12/13/2018 3:06:52 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 9.974 ng  
 RT: 13.21 min Scan# 1689  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 16164 |       |       |
| 198     | 88.3  | 74.0  | 111.0 |       |
| 97      | 43.1  | 35.1  | 52.7  |       |
| 132     | 20.4  | 18.0  | 27.0  |       |





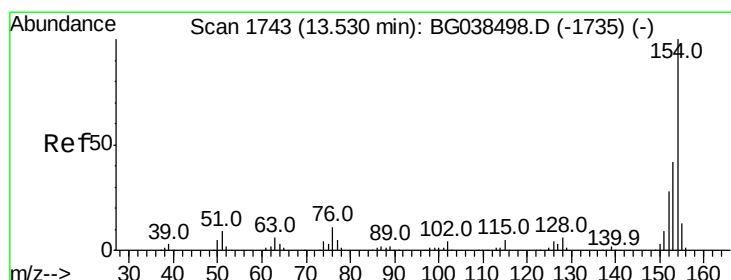
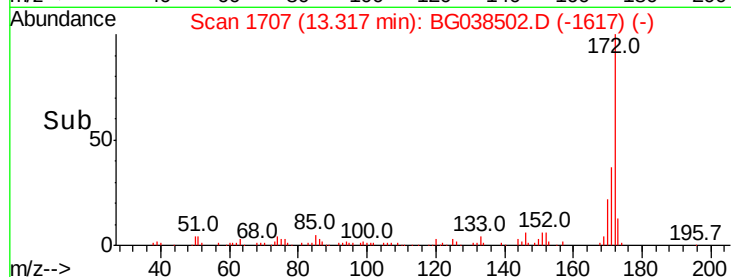
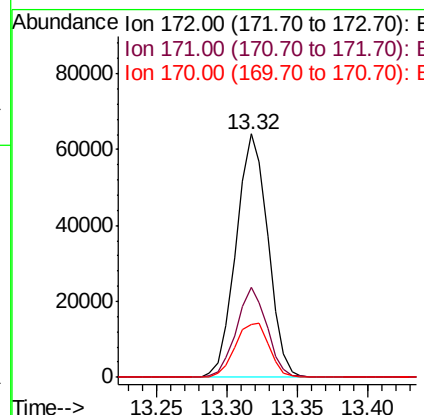
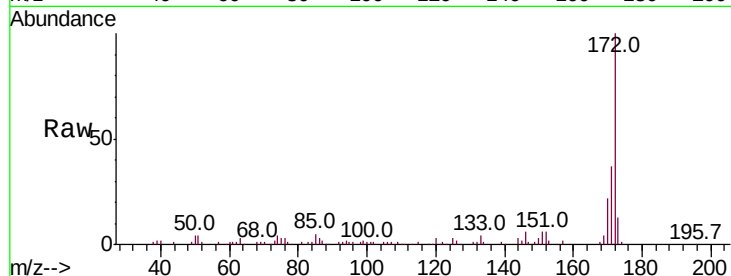
#45  
2-Fluorobiphenyl  
Concen: 20.627 ng  
RT: 13.32 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 37.0  | 29.8 | 44.6  |       |
| 170     | 22.0  | 19.5 | 29.3  |       |

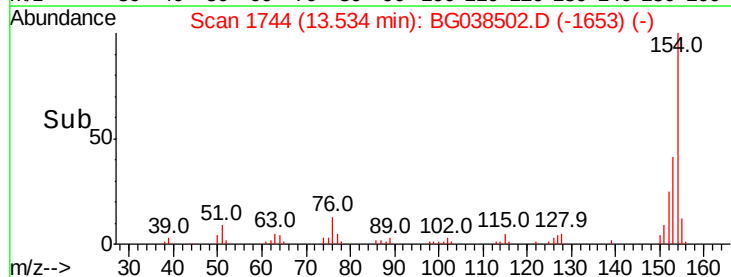
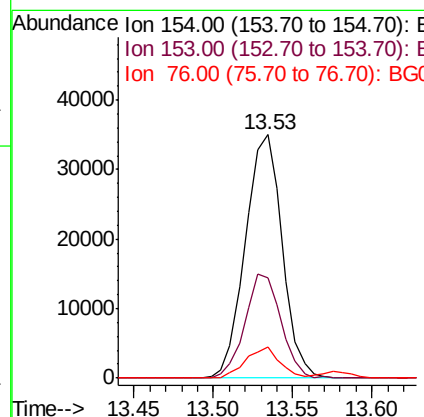
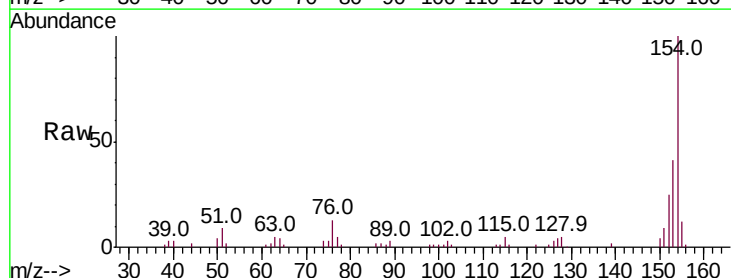
Manual Integrations  
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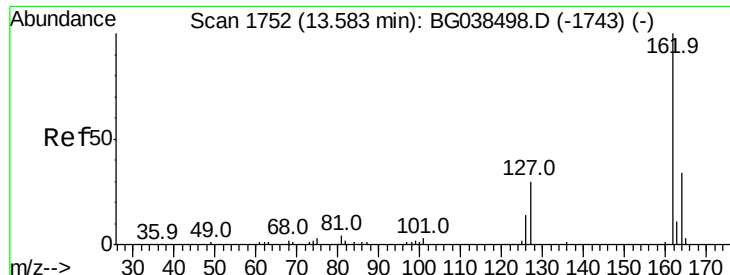
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#46  
1,1'-Biphenyl  
Concen: 10.035 ng  
RT: 13.53 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 41.4  | 22.1 | 62.1  |       |
| 76      | 12.9  | 0.0  | 31.2  |       |





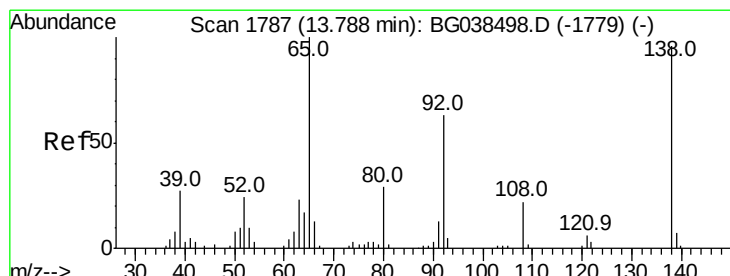
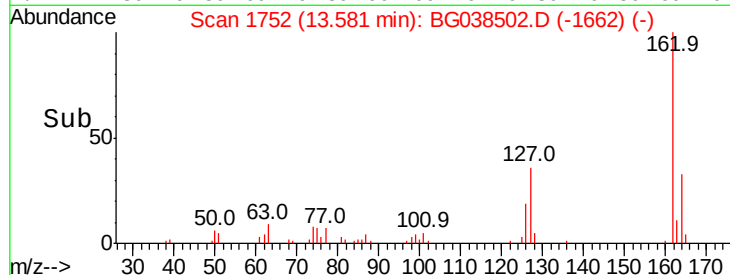
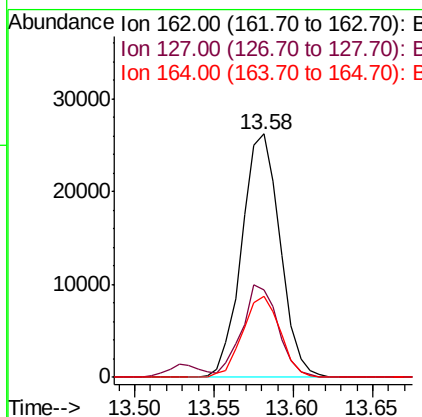
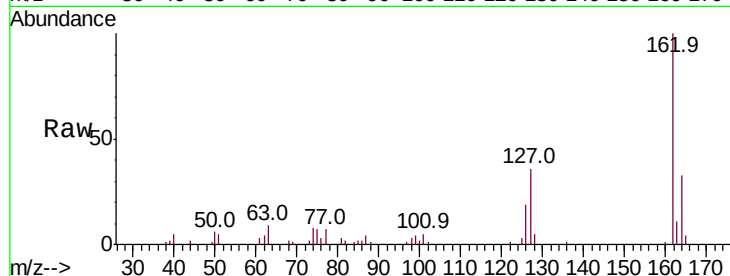
#47  
 2-Chloronaphthalene  
 Concen: 10.200 ng  
 RT: 13.58 min Scan# 1752  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 44079 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 35.8  | 27.8  | 41.8  |
| 164       | 33.1  | 26.9  | 40.3  |

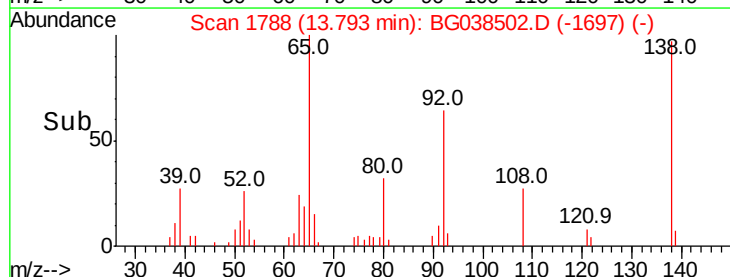
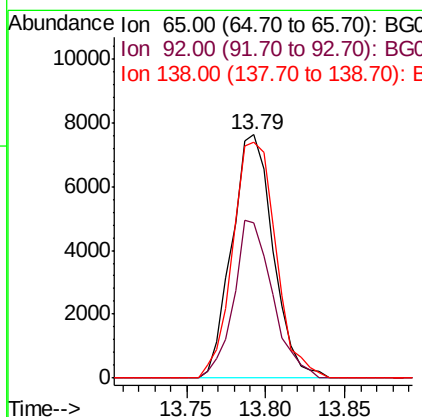
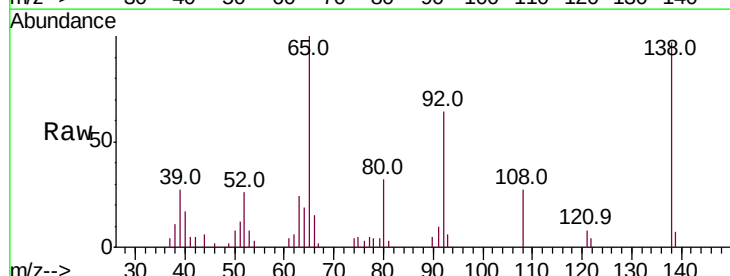
Manual Integrations  
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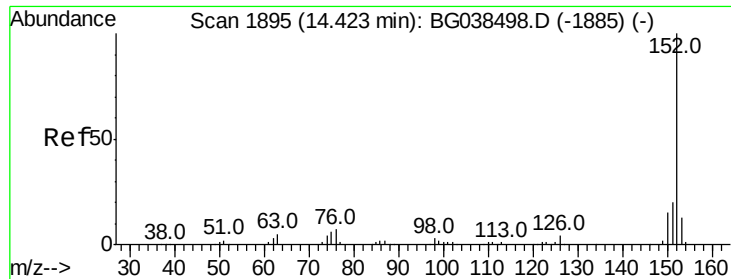
Sohil  
 12/13/2018 3:06:52 PM



#48  
 2-Nitroaniline  
 Concen: 9.971 ng  
 RT: 13.79 min Scan# 1788  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 13768 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 63.6  | 50.0  | 75.0  |
| 138       | 96.8  | 76.9  | 115.3 |





#49

Acenaphthylene

Concen: 10.139 ng

RT: 14.42 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

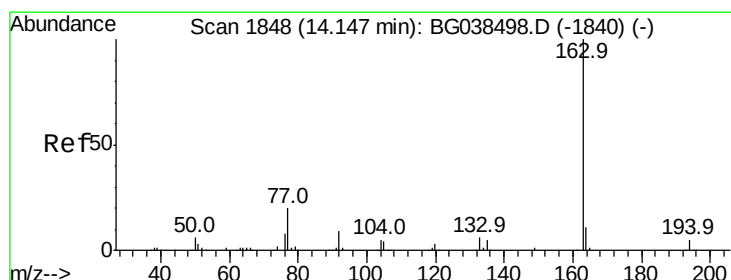
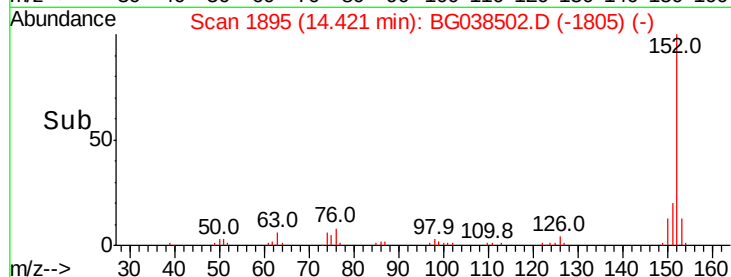
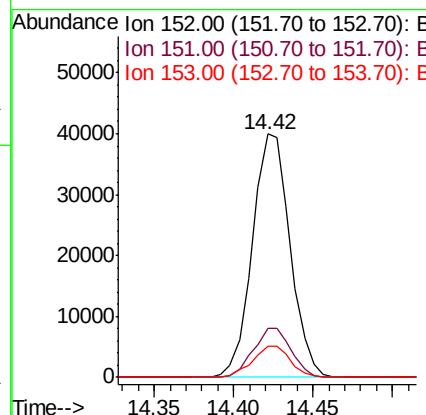
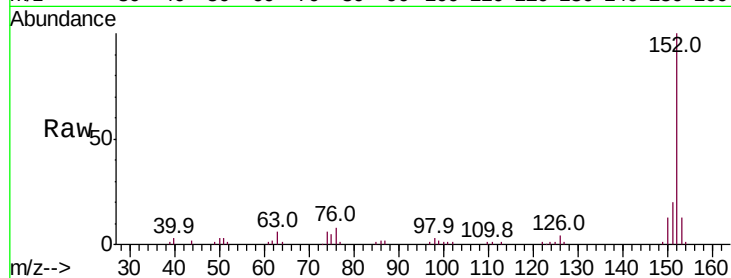
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 65895 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.1  | 16.4  | 24.6  |
| 153       | 12.8  | 10.4  | 15.6  |

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#50

Dimethylphthalate

Concen: 10.275 ng

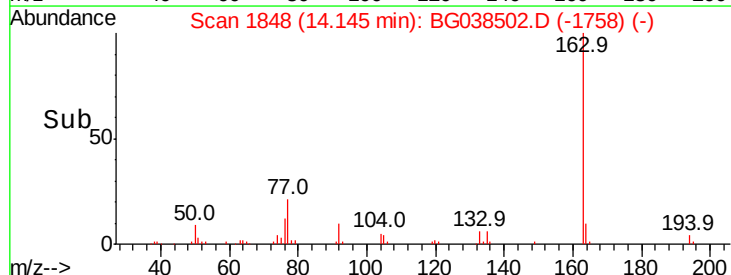
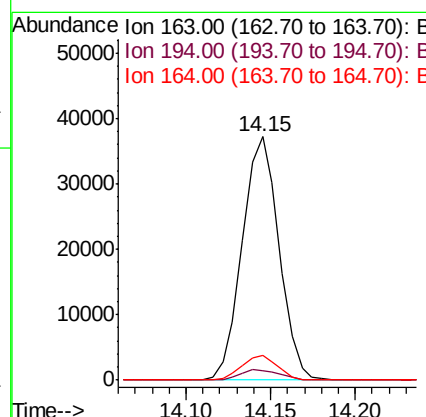
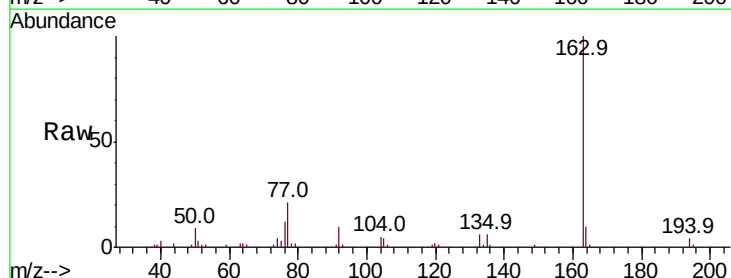
RT: 14.15 min Scan# 1848

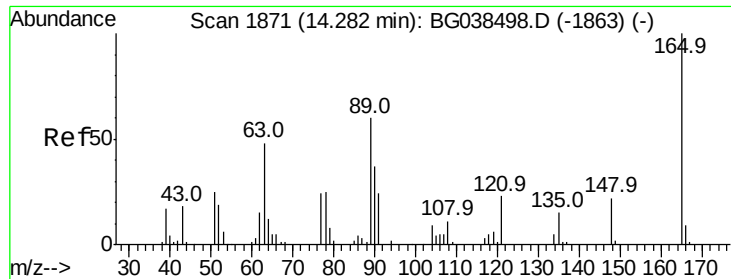
Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 56332 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.9   | 3.7   | 5.5   |
| 164       | 10.0  | 8.6   | 12.8  |





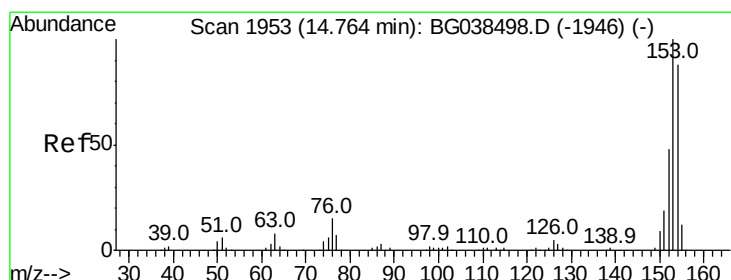
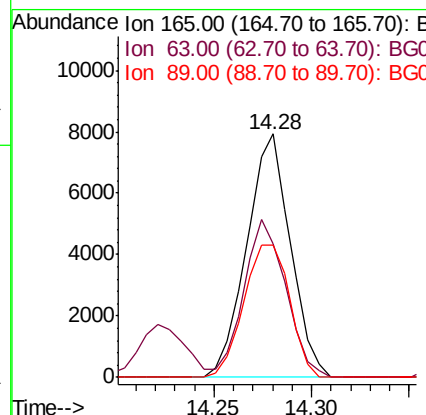
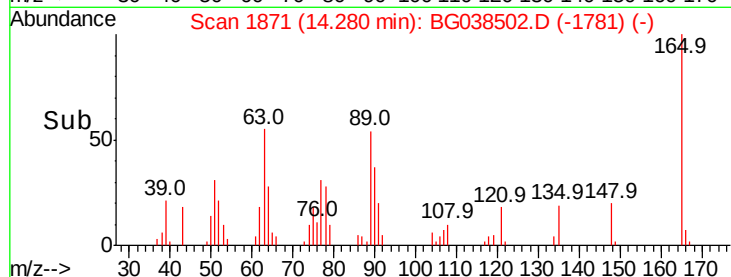
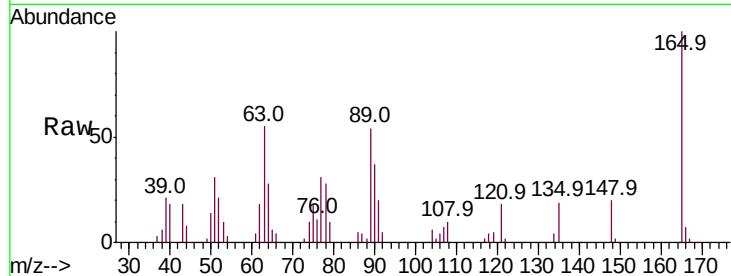
#51  
 2,6-Dinitrotoluene  
 Concen: 9.848 ng  
 RT: 14.28 min Scan# 1871  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.0  | 51.8  | 77.6  |
| 89      | 54.3  | 47.9  | 71.9  |

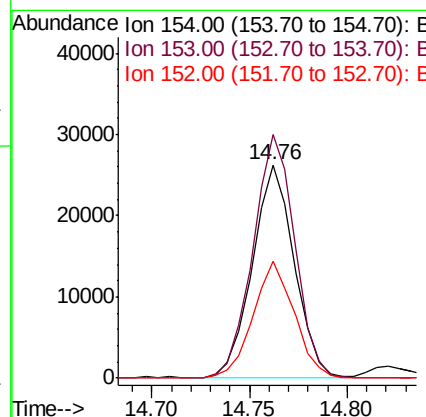
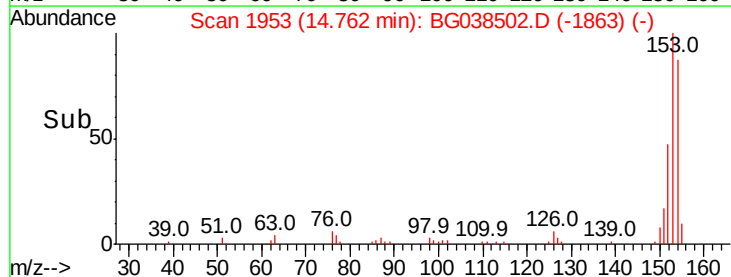
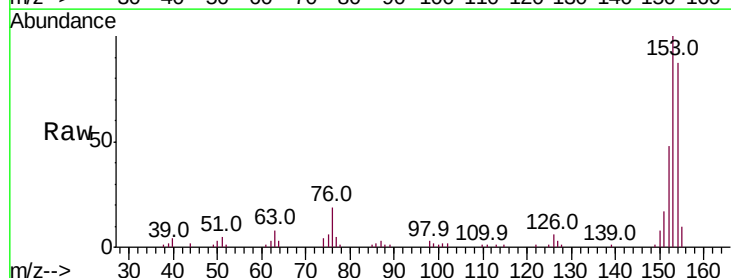
Manual Integrations  
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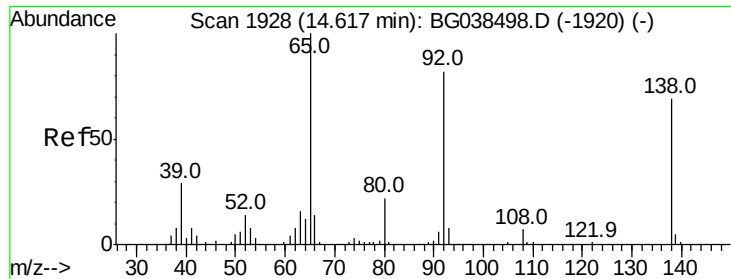
Sohil  
 12/13/2018 3:06:52 PM



#52  
 Acenaphthene  
 Concen: 10.030 ng  
 RT: 14.76 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.4 | 90.6  | 136.0 |
| 152     | 54.8  | 43.5  | 65.3  |





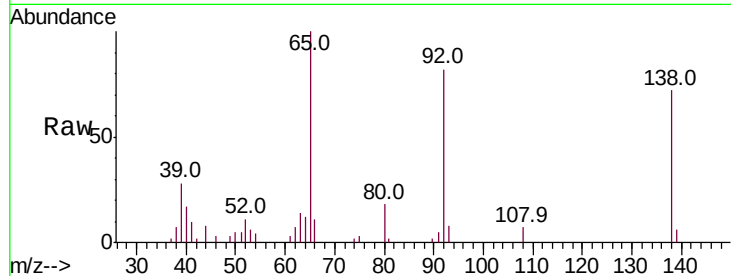
#53  
3-Nitroaniline  
Concen: 9.699 ng  
RT: 14.62 min Scan# 1928  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.4  | 7.9   | 11.9  |
| 92      | 114.4 | 95.3  | 142.9 |

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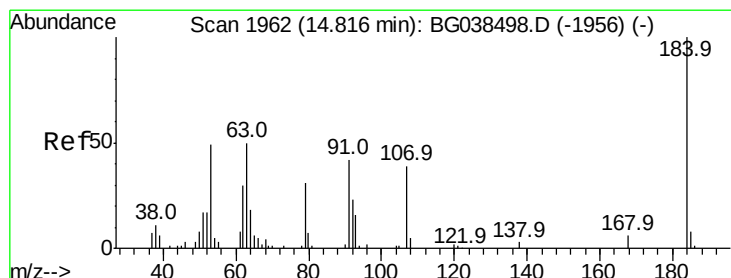
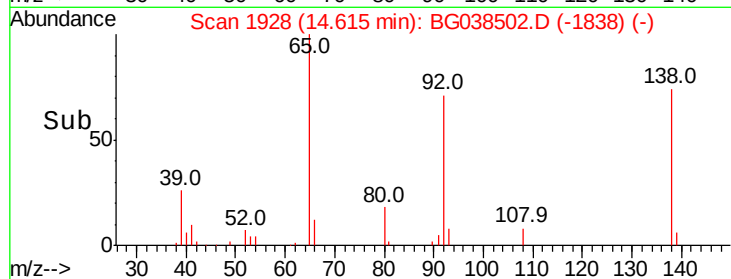
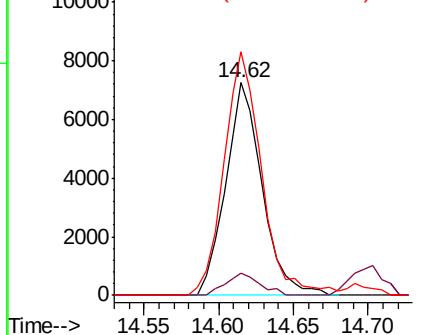


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54  
2,4-Dinitrophenol  
Concen: 6.698 ng  
RT: 14.82 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

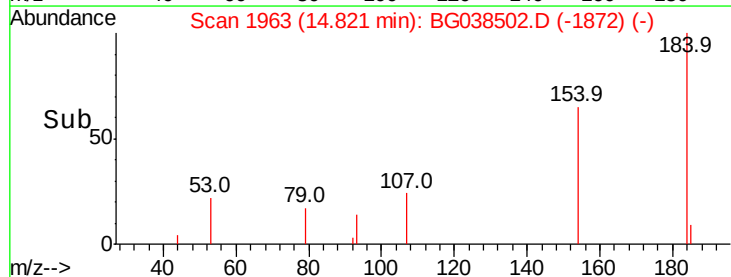
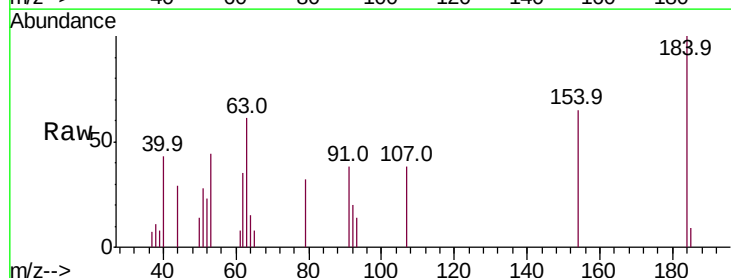
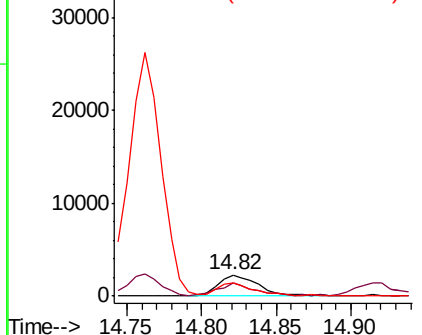
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 60.8  | 47.0  | 70.6  |
| 154     | 64.9  | 50.3  | 75.5  |

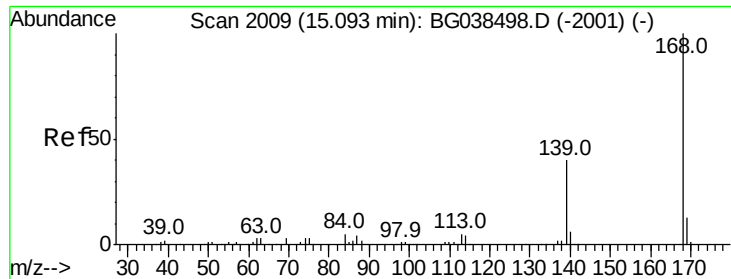
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





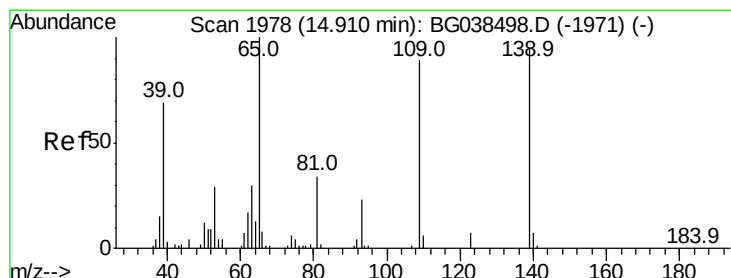
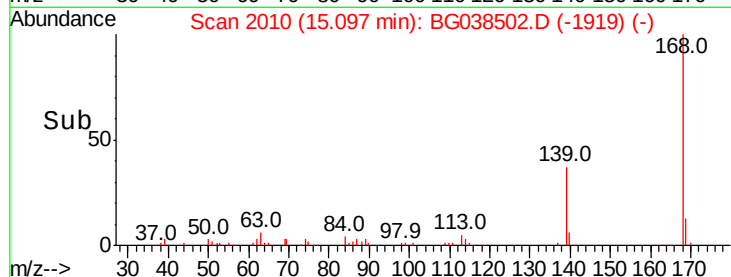
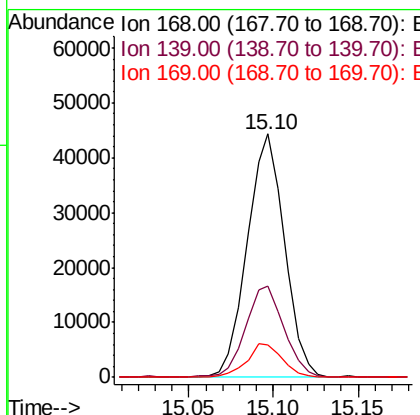
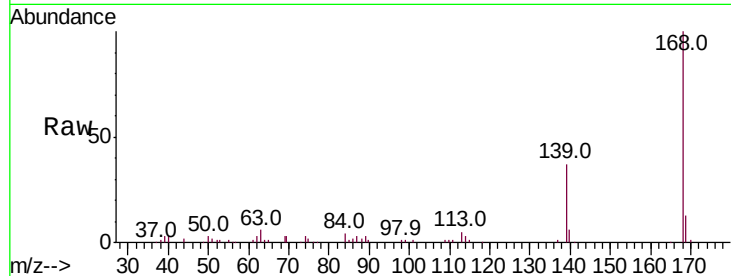
#55  
Dibenzenofuran  
Concen: 10.196 ng  
RT: 15.10 min Scan# 2010  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.4  | 32.2  | 48.2  |
| 169     | 13.4  | 10.6  | 16.0  |

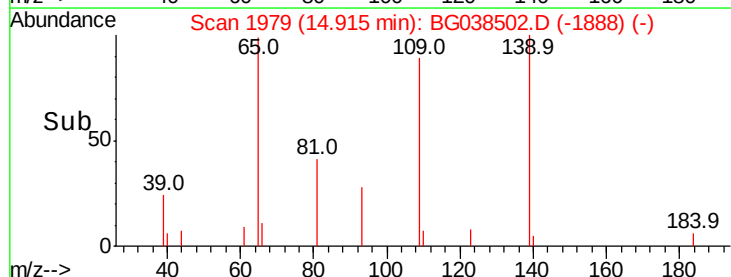
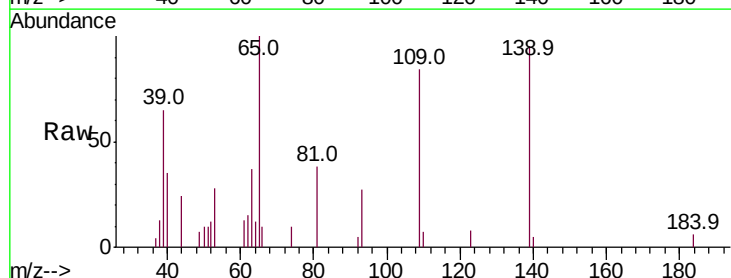
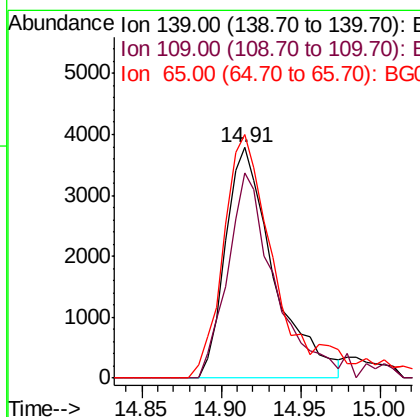
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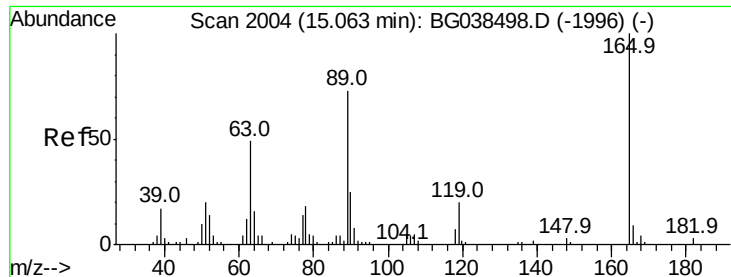


#56  
4-Nitrophenol  
Concen: 8.289 ng  
RT: 14.91 min Scan# 1979  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 89.2  | 73.6  | 113.6 |
| 65      | 105.6 | 84.8  | 124.8 |







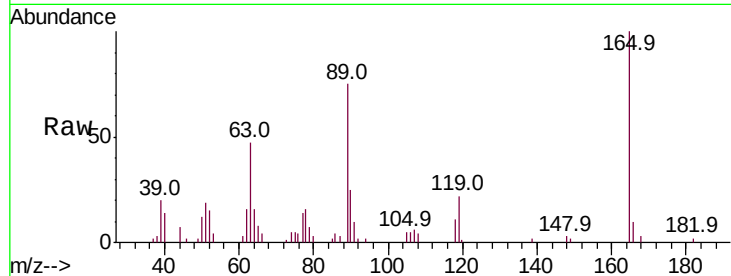
#57  
2,4-Dinitrotoluene  
Concen: 10.001 ng  
RT: 15.06 min Scan# 2004  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.2  | 39.0  | 58.4  |
| 89      | 74.6  | 58.0  | 87.0  |
| 182     | 2.4   | 2.3   | 3.5   |

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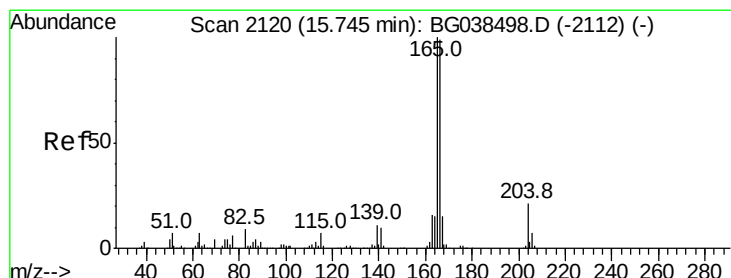
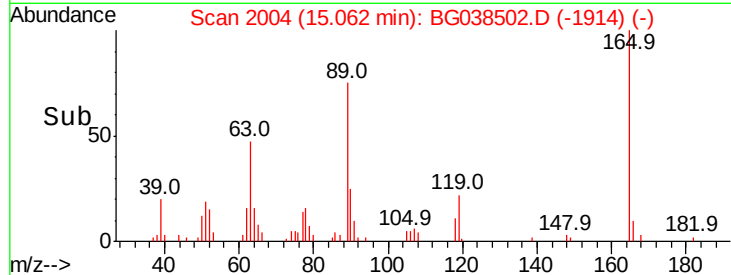
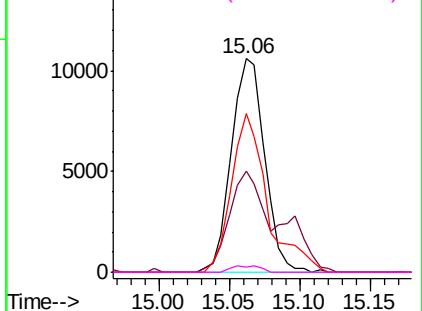
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 10.303 ng  
RT: 15.74 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

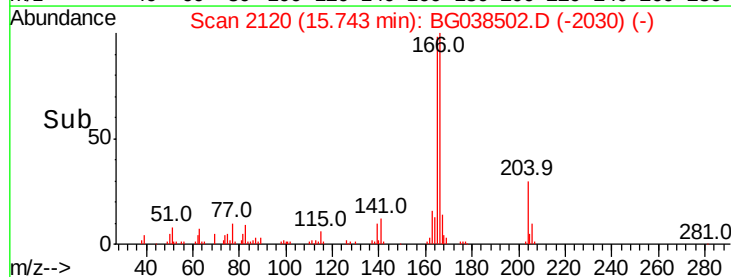
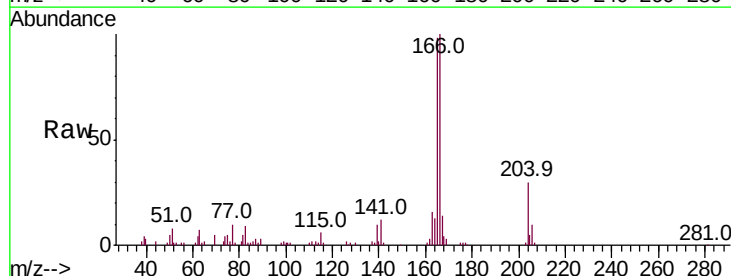
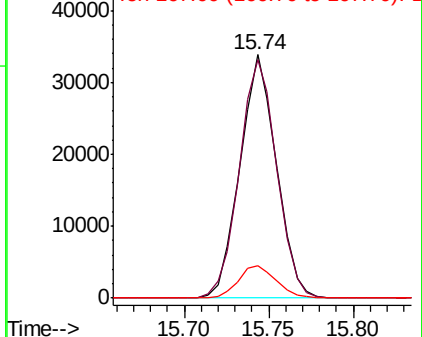
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.9  | 80.6  | 120.8 |
| 167     | 13.5  | 12.0  | 18.0  |

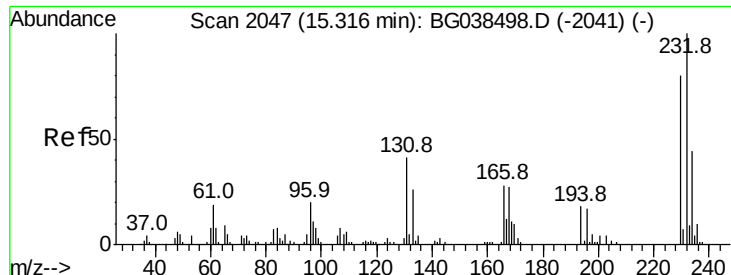
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





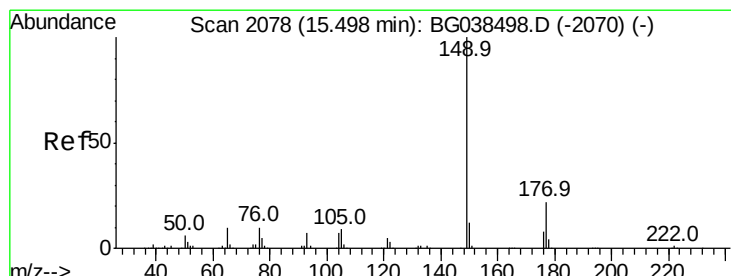
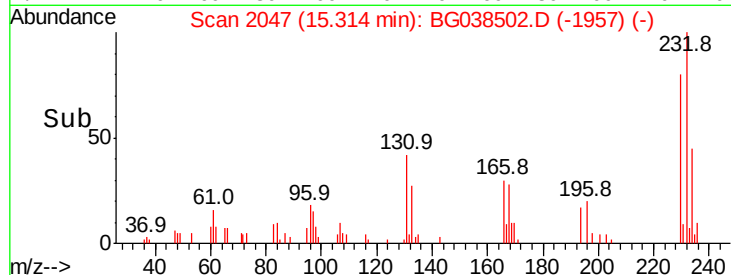
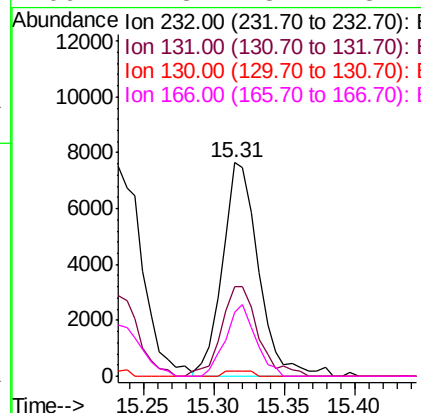
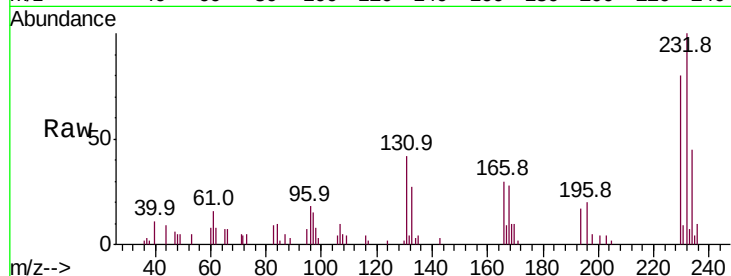
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 9.273 ng  
 RT: 15.31 min Scan# 2047  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 232   | Resp: | 13593 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 42.7  | 33.0  | 49.4  |
| 130       | 1.8   | 2.0   | 3.0   |
| 166       | 27.8  | 23.1  | 34.7  |

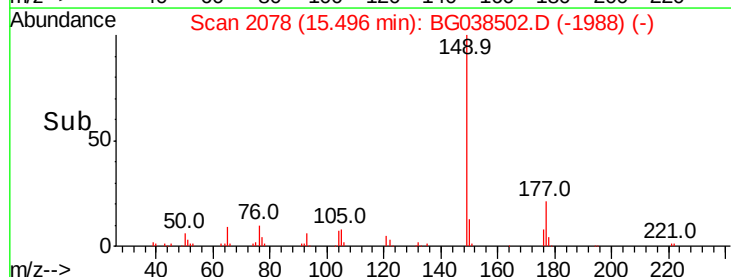
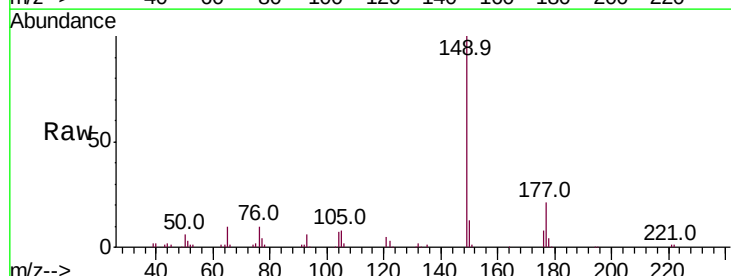
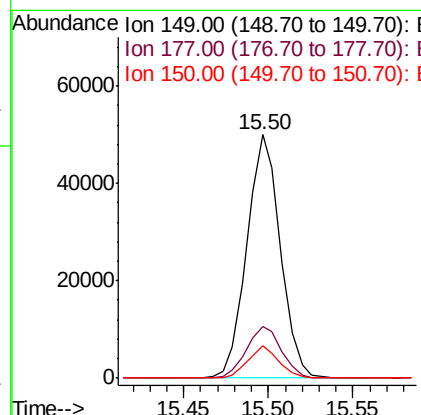
Manual Integrations  
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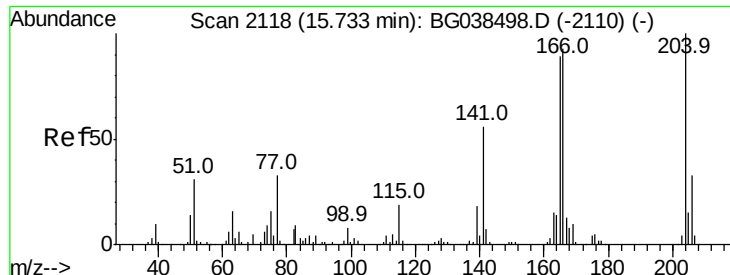
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 12/13/2018 3:06:52 PM



#60  
 Diethylphthalate  
 Concen: 11.513 ng  
 RT: 15.50 min Scan# 2078  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 68909 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 177       | 21.1  | 17.7  | 26.5  |
| 150       | 13.1  | 9.9   | 14.9  |





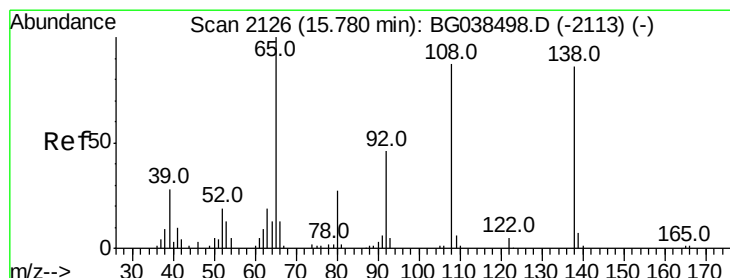
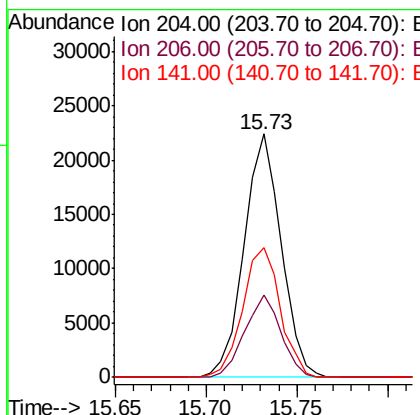
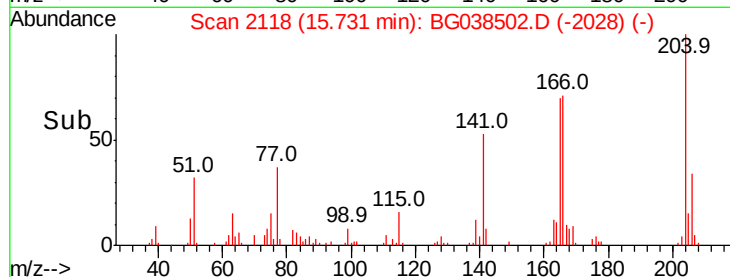
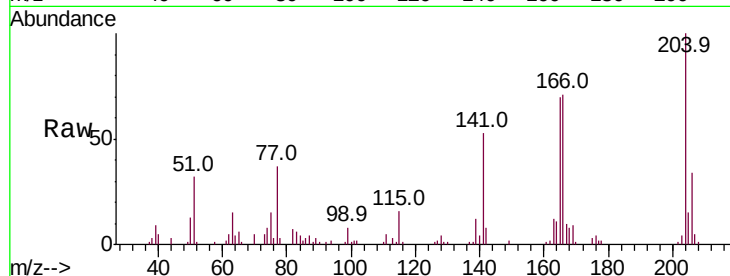
#61  
4-Chlorophenyl-phenylether  
Concen: 10.395 ng  
RT: 15.73 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 26.0  | 39.0  |
| 141     | 53.1  | 44.4  | 66.6  |

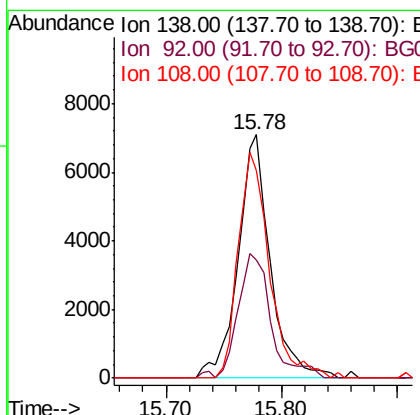
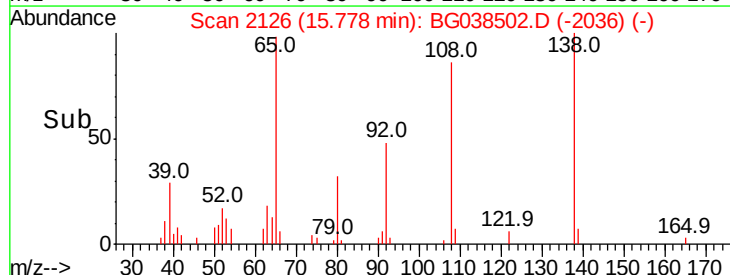
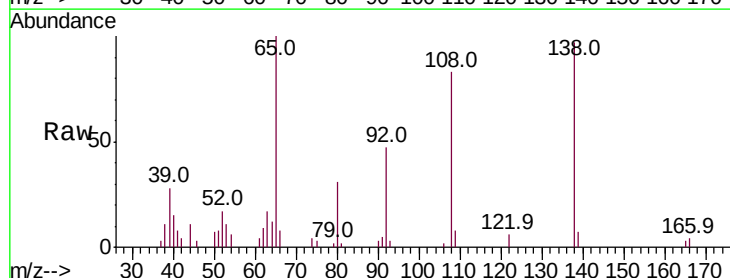
Manual Integrations  
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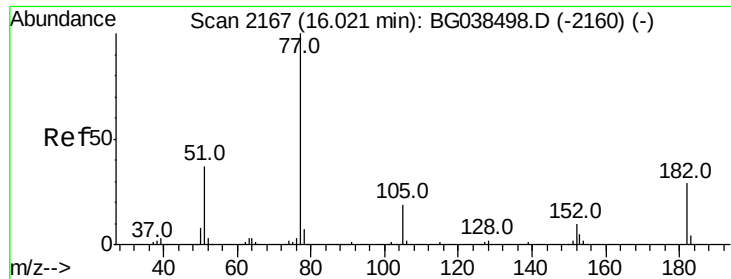
Sohil  
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#62  
4-Nitroaniline  
Concen: 10.582 ng  
RT: 15.78 min Scan# 2126  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.4  | 33.3  | 73.3  |
| 108     | 85.6  | 81.4  | 121.4 |





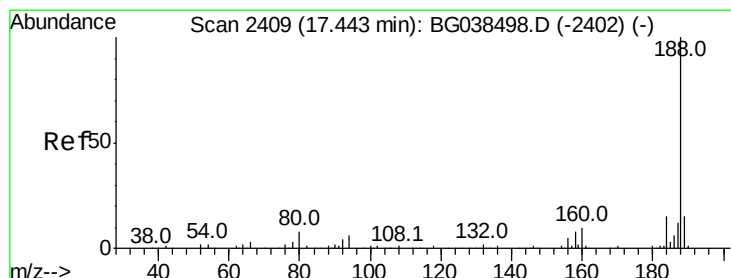
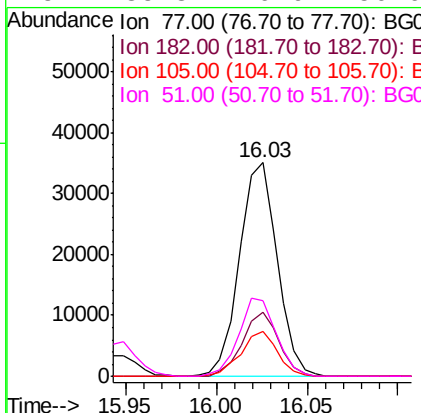
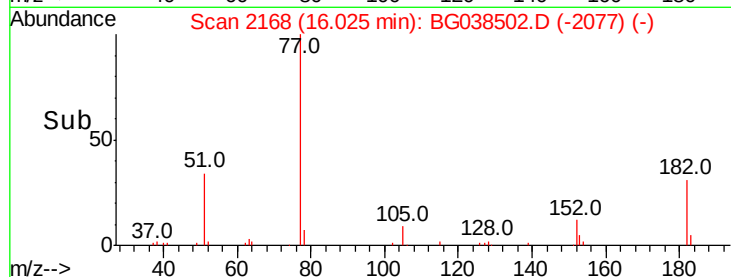
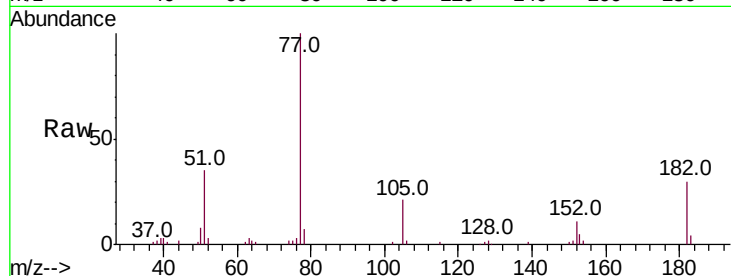
#63  
Azobenzene  
Concen: 10.158 ng  
RT: 16.03 min Scan# 2168  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.7  | 8.7   | 48.7  |
| 105     | 20.7  | 0.0   | 38.7  |
| 51      | 35.3  | 16.6  | 56.6  |

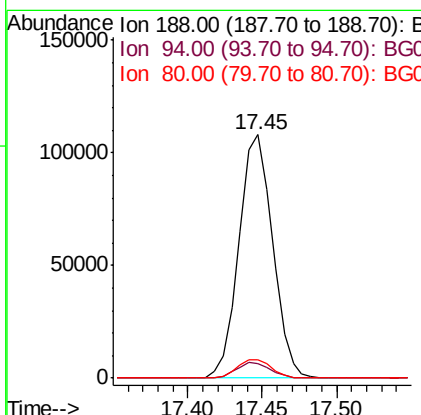
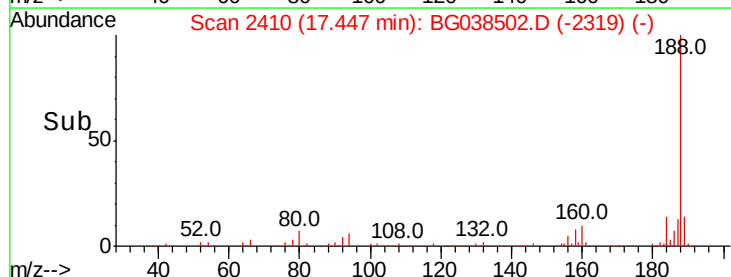
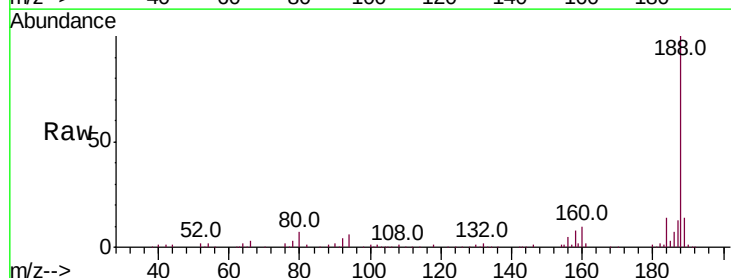
Manual Integrations  
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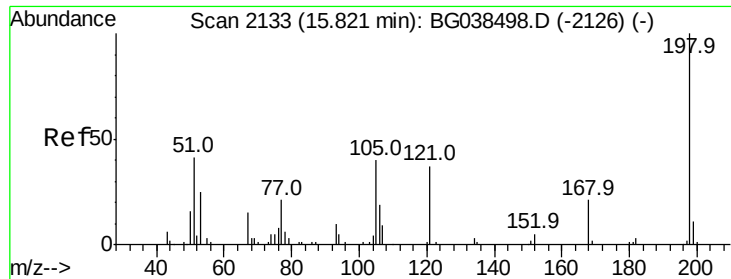
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12/13/2018 3:06:52 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2410  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.1   | 5.1   | 7.7   |
| 80      | 7.4   | 6.1   | 9.1   |





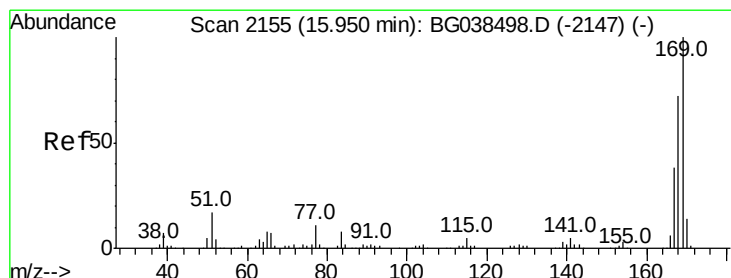
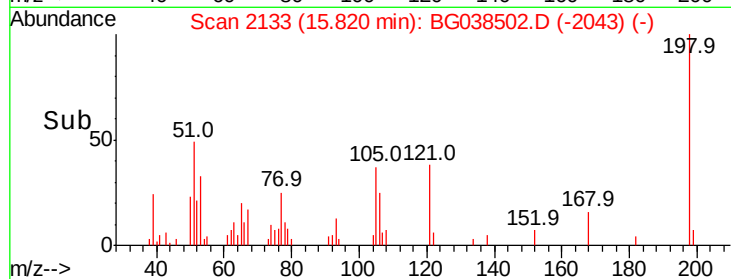
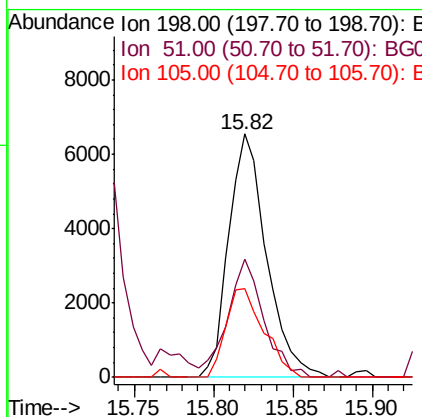
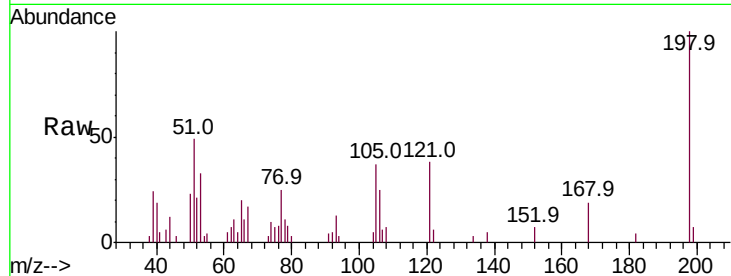
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.970 ng  
 RT: 15.82 min Scan# 2133  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 10815 |       |       |
| 51      | 48.5  | 28.6  | 68.6  |       |
| 105     | 36.6  | 20.4  | 60.4  |       |

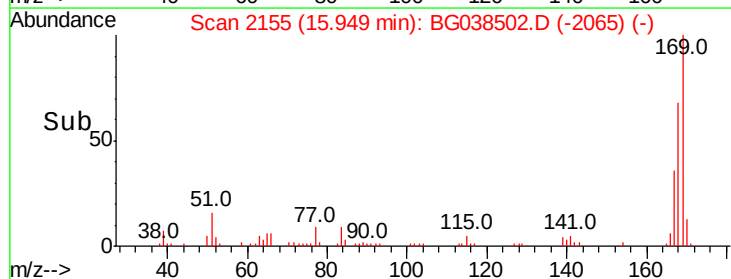
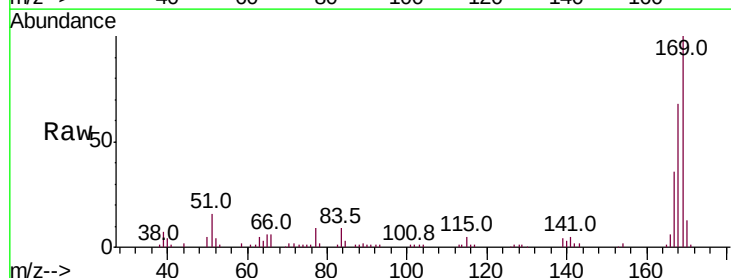
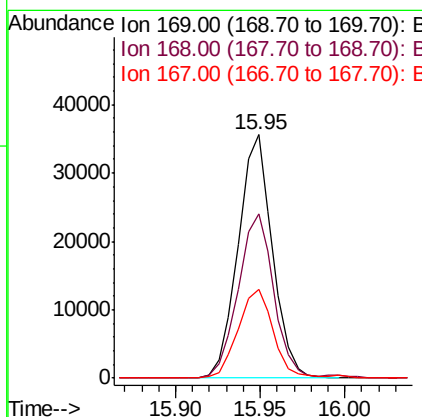
Manual Integrations  
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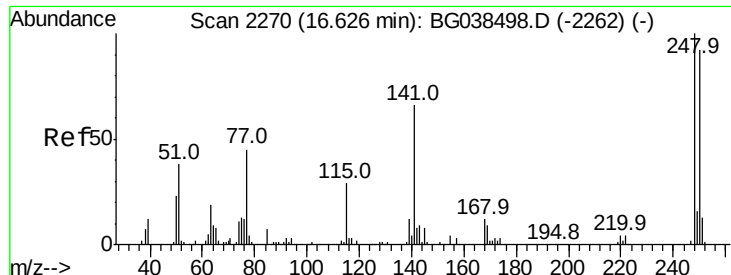
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#66  
 n-Nitrosodiphenylamine  
 Concen: 10.035 ng  
 RT: 15.95 min Scan# 2155  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 50032 |       |       |
| 168     | 67.6  | 57.5  | 86.3  |       |
| 167     | 36.4  | 30.2  | 45.2  |       |





#67

4-Bromophenyl-phenylether

Concen: 9.997 ng

RT: 16.62 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

Tot Ion:248 Resp: 20636

Ion Ratio Lower Upper

248 100

250 95.8 73.4 110.2

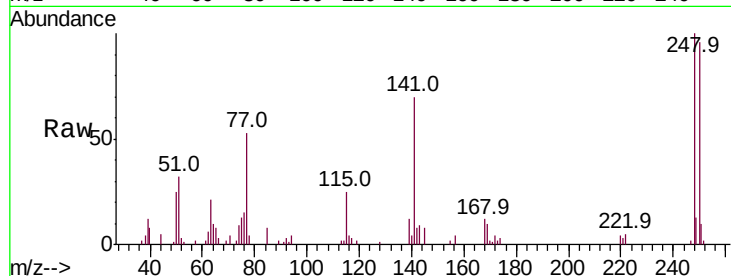
141 69.5 52.9 79.3

Manual Integrations

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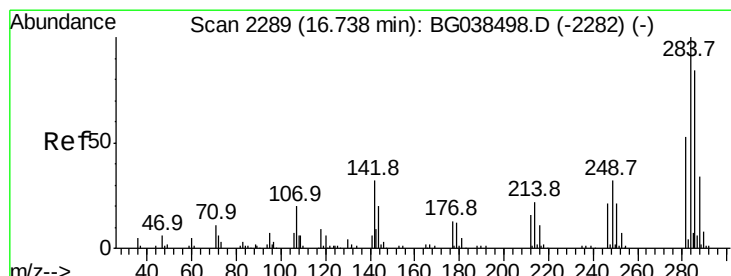
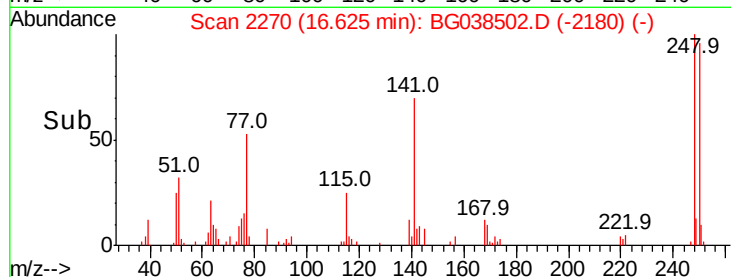
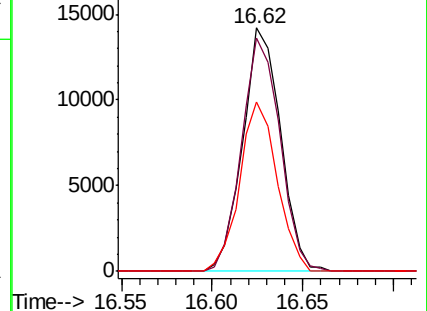
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 9.981 ng

RT: 16.74 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

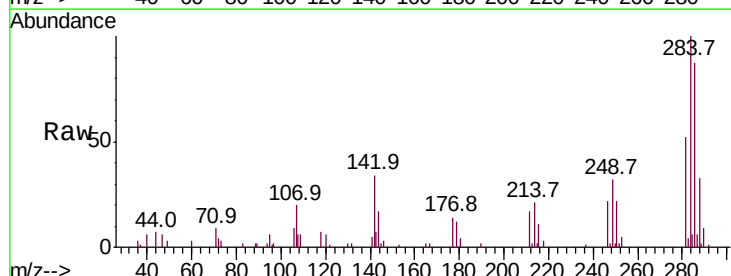
Tgt Ion:284 Resp: 21351

Ion Ratio Lower Upper

284 100

142 34.0 25.8 38.6

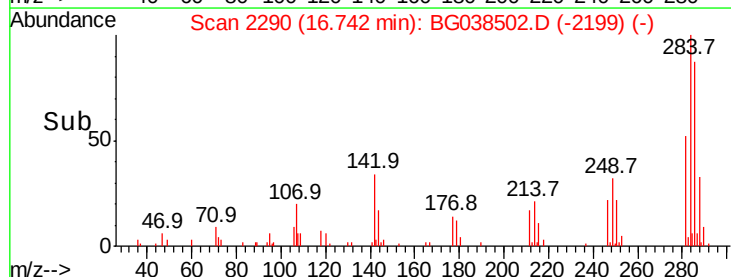
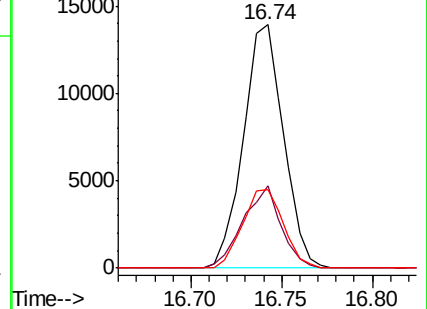
249 34.9 27.0 40.4

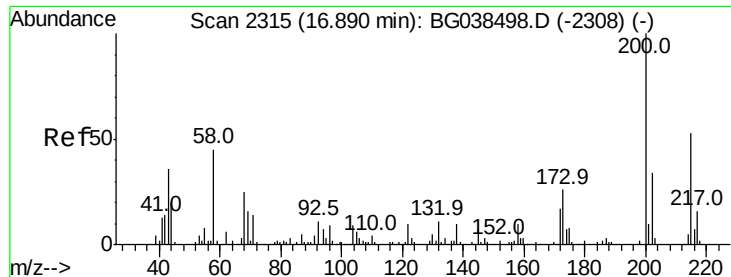


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





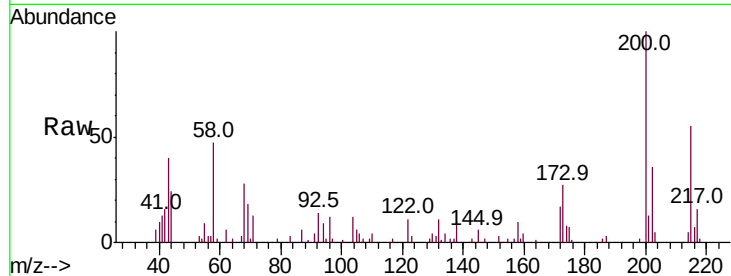
#69  
Atrazine  
Concen: 10.620 ng  
RT: 16.88 min Scan# 2314  
Delta R.T. -0.01 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

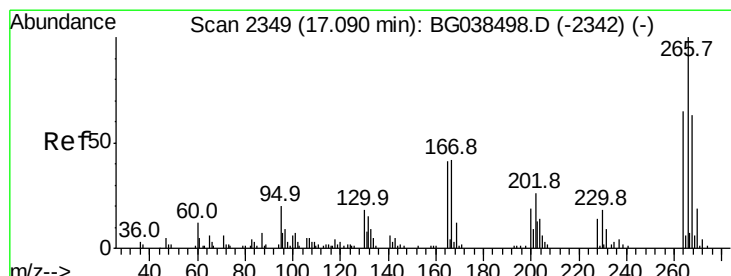
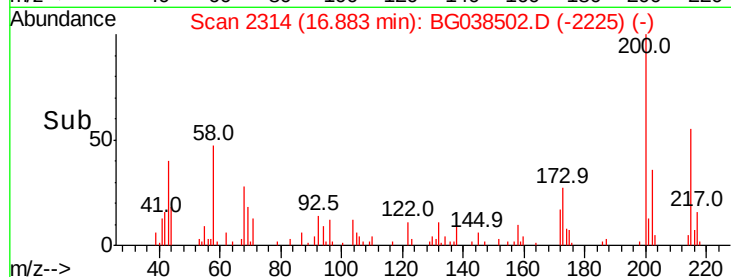
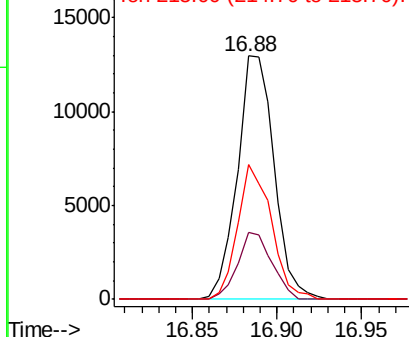
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.3  | 5.9   | 45.9  |
| 215     | 55.5  | 33.1  | 73.1  |

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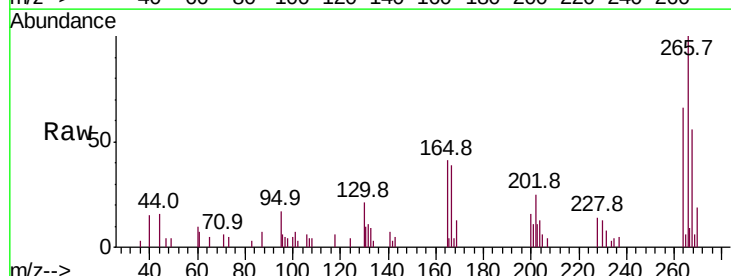


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

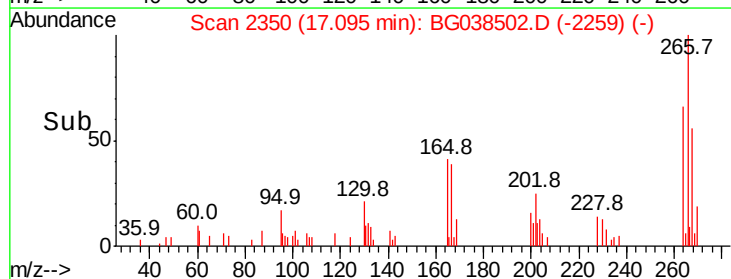
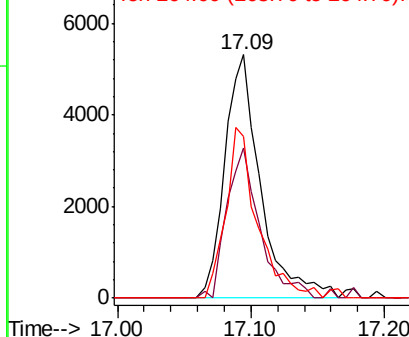


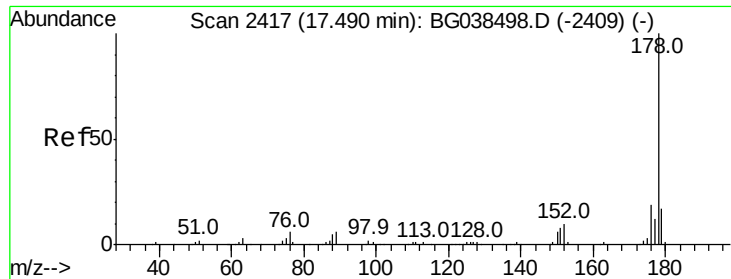
#70  
Pentachlorophenol  
Concen: 7.877 ng  
RT: 17.09 min Scan# 2350  
Delta R.T. 0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.5  | 55.0  | 82.6  |
| 264     | 66.3  | 56.7  | 85.1  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 10.294 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

Tot Ion:178 Resp: 90159

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

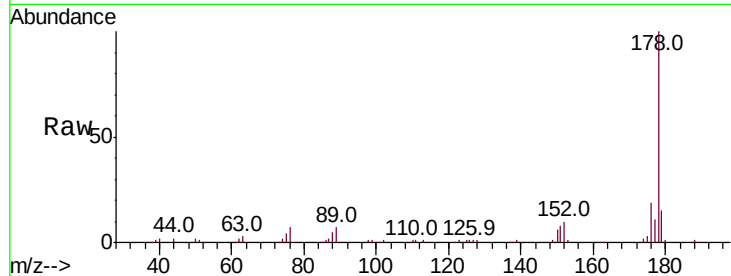
179 15.2 13.2 19.8

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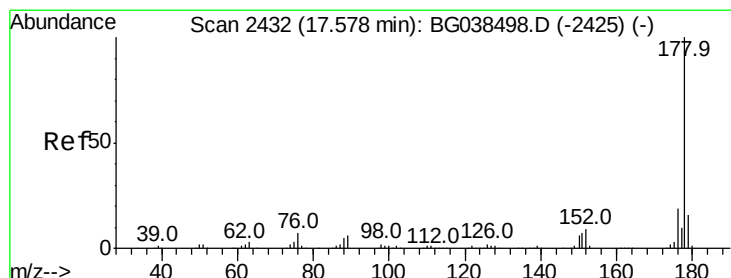
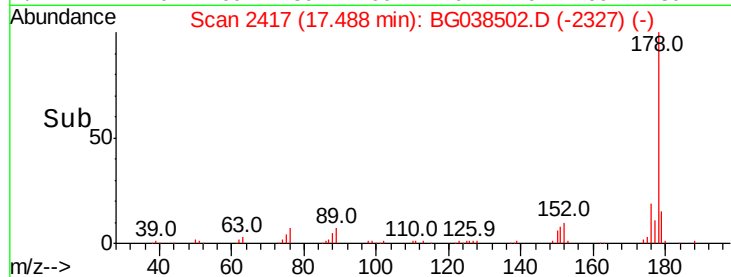
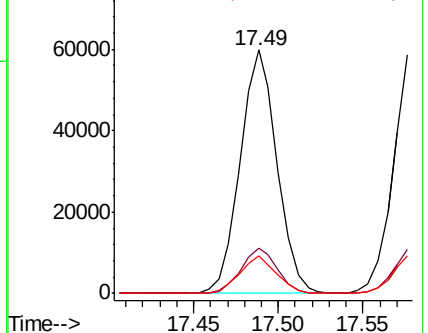
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 10.237 ng

RT: 17.58 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Tgt Ion:178 Resp: 88841

Ion Ratio Lower Upper

178 100

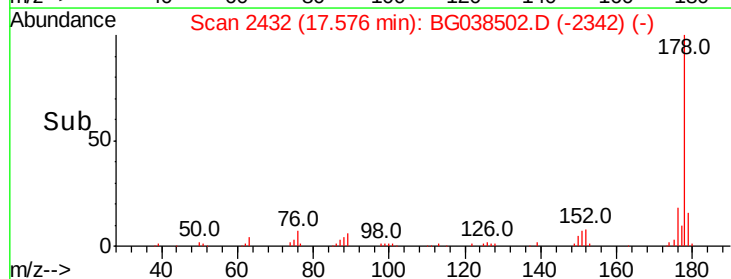
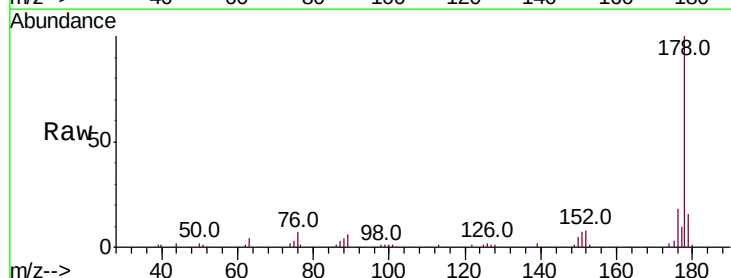
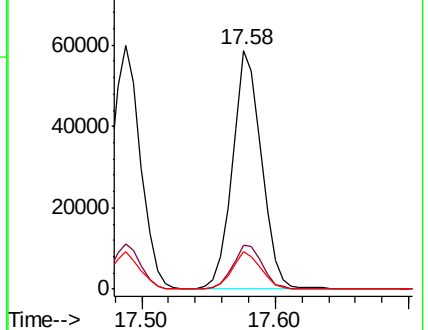
176 18.4 15.1 22.7

179 15.6 12.9 19.3

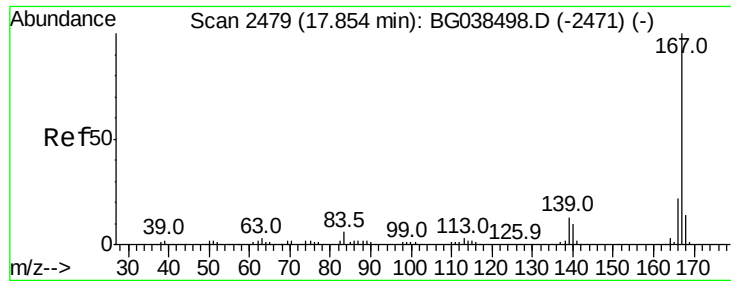
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







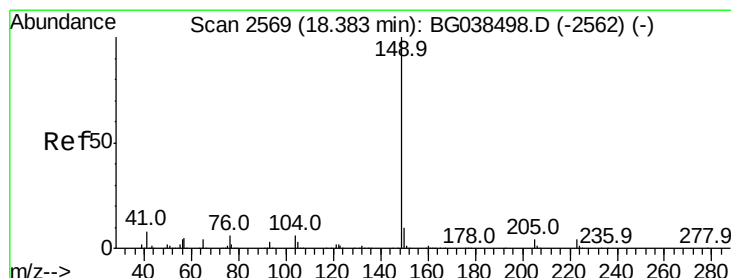
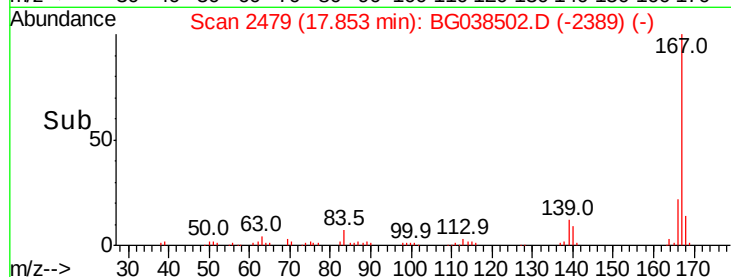
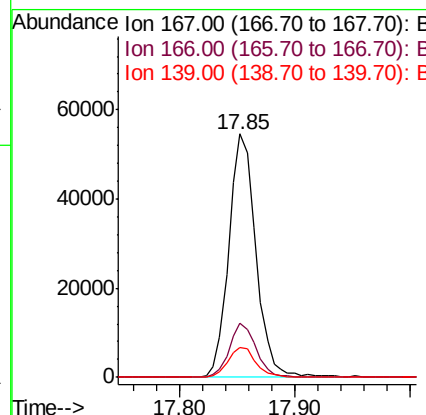
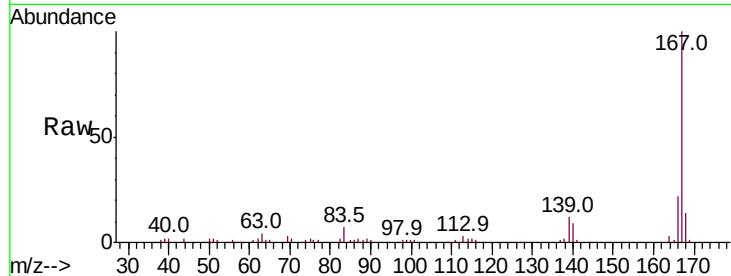
#73  
 Carbazole  
 Concen: 10.334 ng  
 RT: 17.85 min Scan# 2479  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.9  | 26.9  |
| 139     | 12.4  | 10.2  | 15.2  |

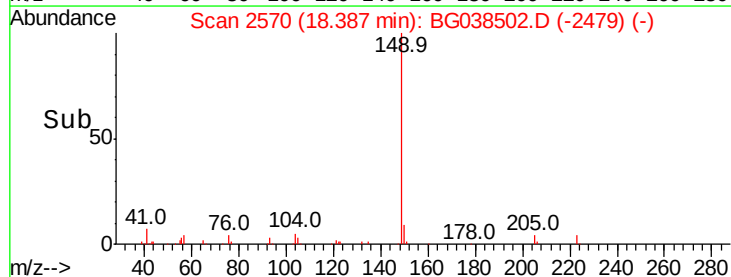
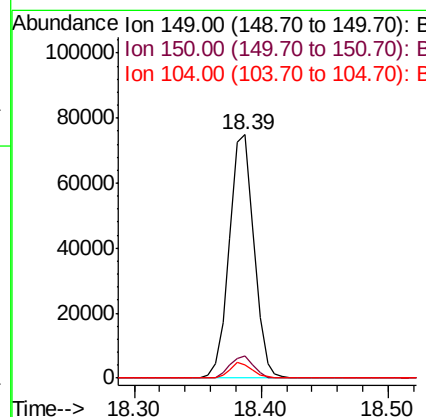
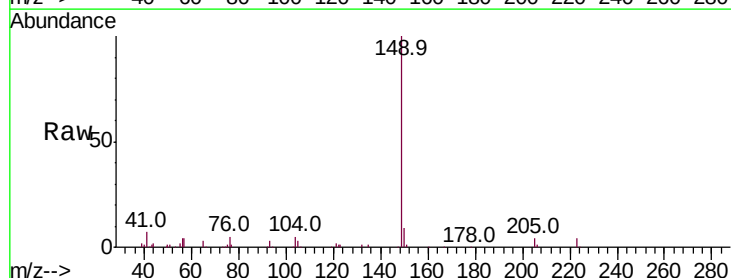
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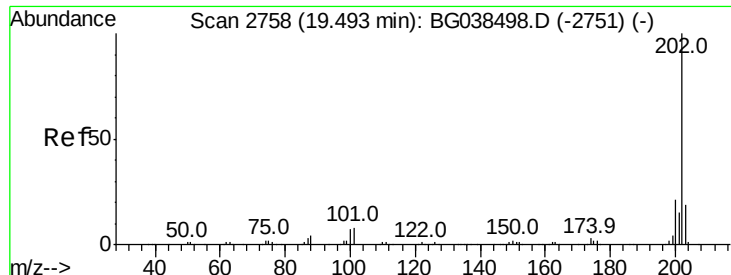
Sohil  
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#74  
 Di-n-butylphthalate  
 Concen: 10.188 ng  
 RT: 18.39 min Scan# 2570  
 Delta R.T. 0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.6   | 11.4  |
| 104     | 5.2   | 5.0   | 7.4   |





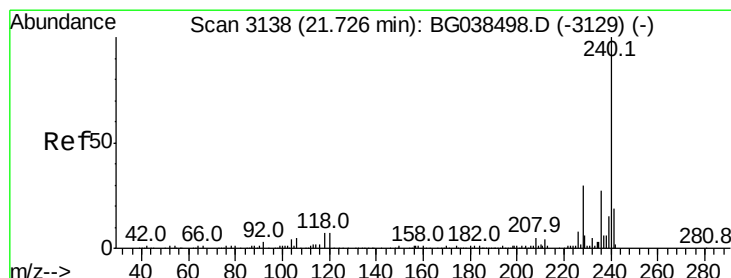
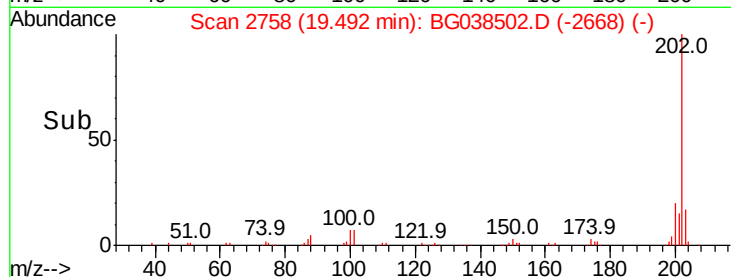
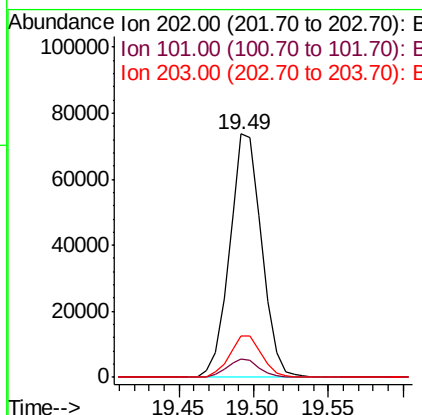
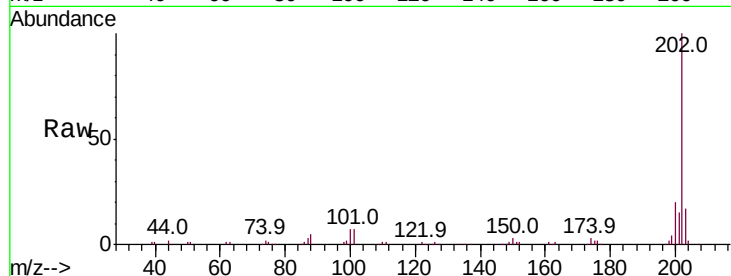
#75  
 Fluoranthene  
 Concen: 10.105 ng  
 RT: 19.49 min Scan# 2758  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 110142 |       |       |
| 101     | 7.4   | 0.0    | 28.1  |       |
| 203     | 16.9  | 0.0    | 39.0  |       |

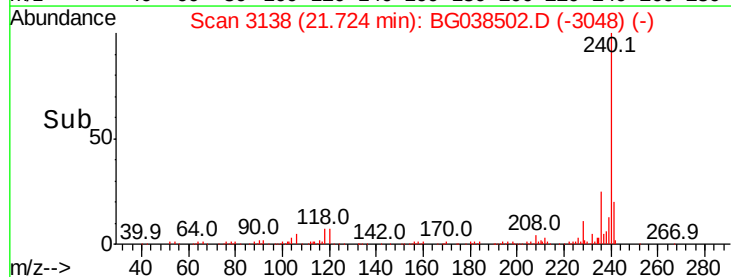
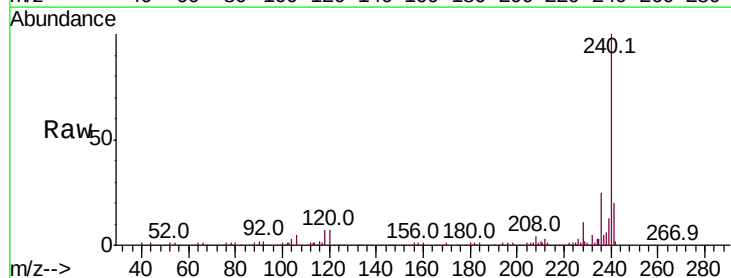
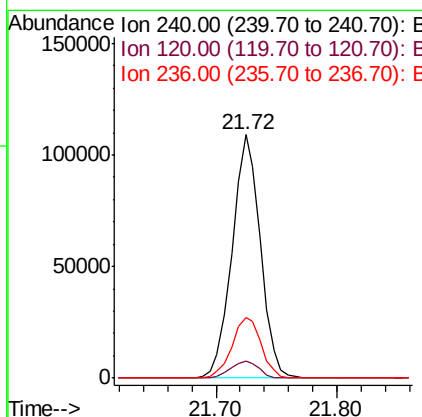
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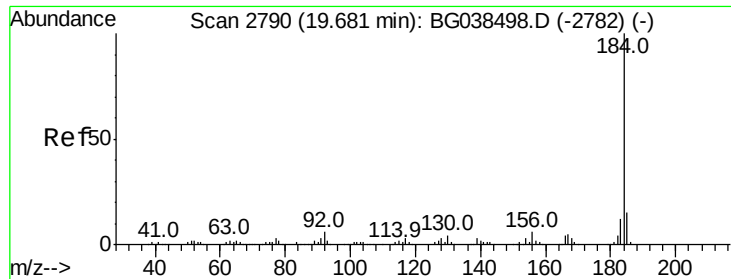
Sohil  
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3138  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 176937 |       |       |
| 120     | 7.1   | 5.3    | 7.9   |       |
| 236     | 24.8  | 21.4   | 32.2  |       |





#77

Benzidine

Concen: 6.576 ng

RT: 19.68 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

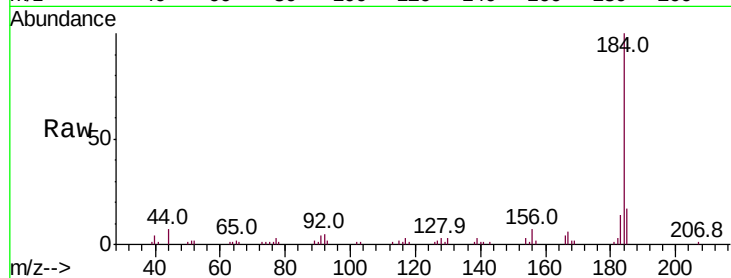
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 36605 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 17.0  | 12.2  | 18.2  |
| 183       | 14.0  | 9.6   | 14.4  |

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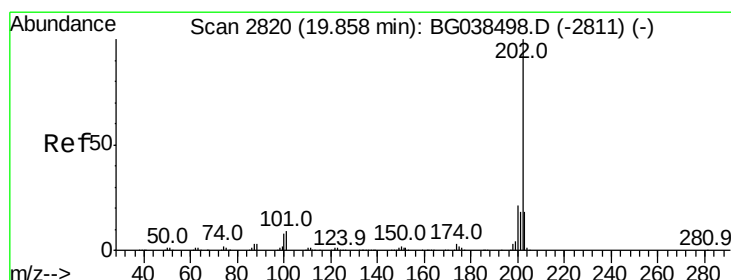
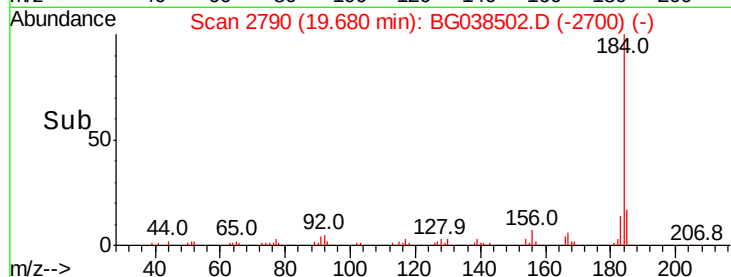
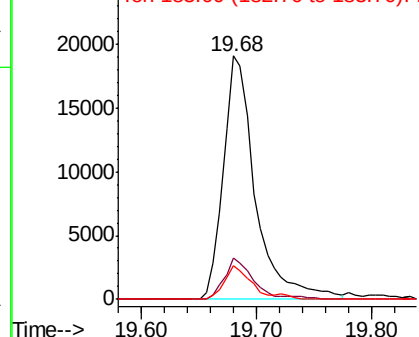


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 12.844 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

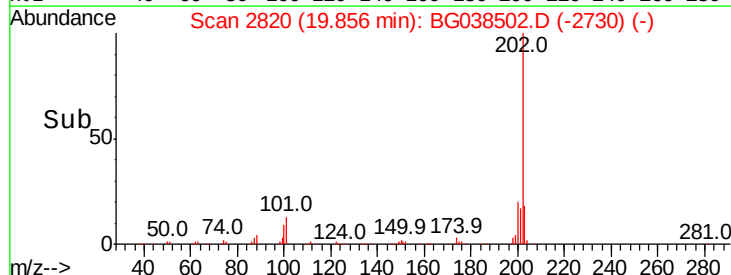
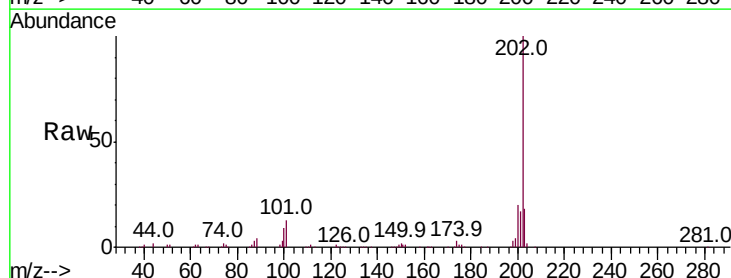
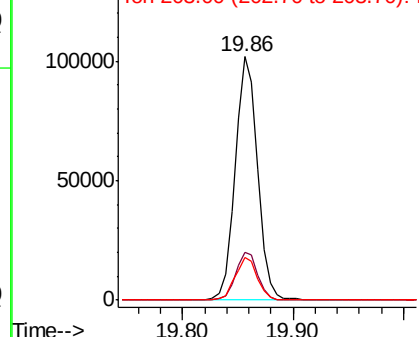
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 144319 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 19.9  | 16.6  | 25.0   |
| 203       | 17.6  | 14.6  | 21.8   |

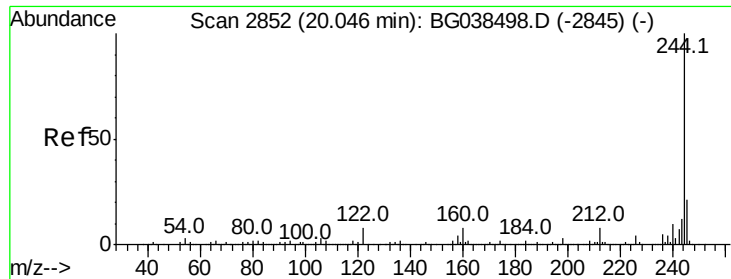
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 21.226 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

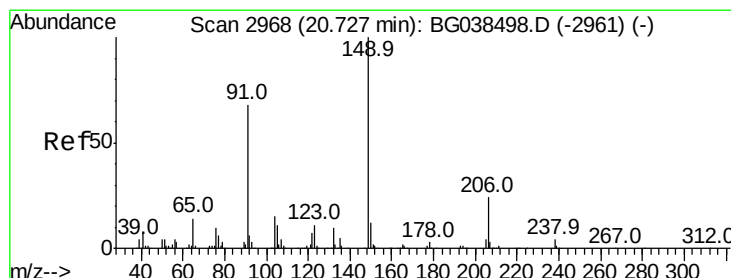
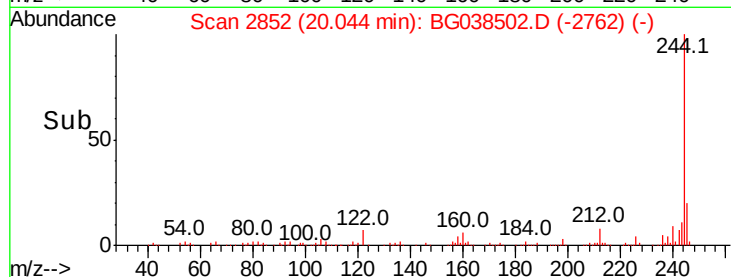
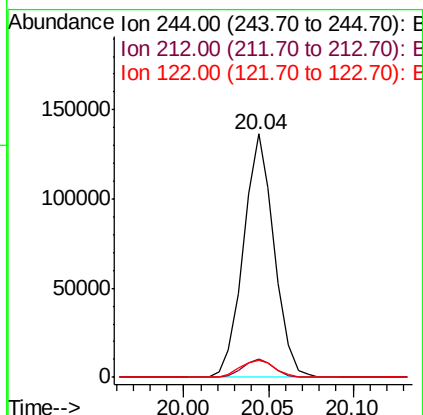
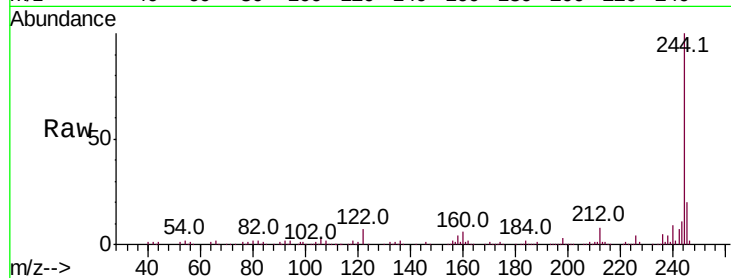
ClientSampleId :

SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.6   | 6.2   | 9.2   |
| 122     | 7.0   | 6.3   | 9.5   |

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#80

Butylbenzylphthalate

Concen: 9.492 ng

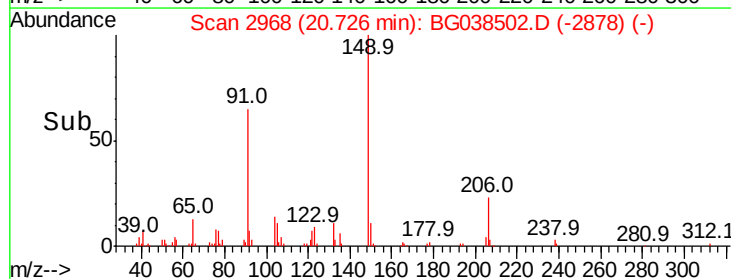
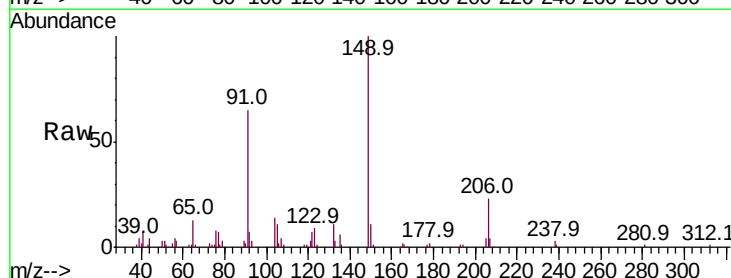
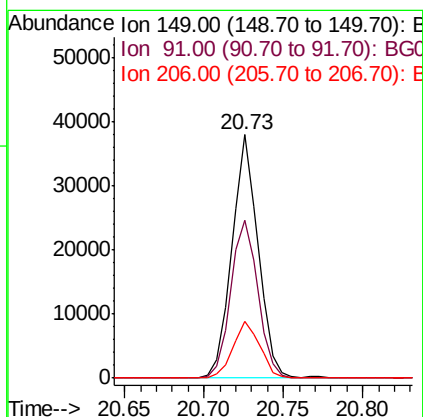
RT: 20.73 min Scan# 2968

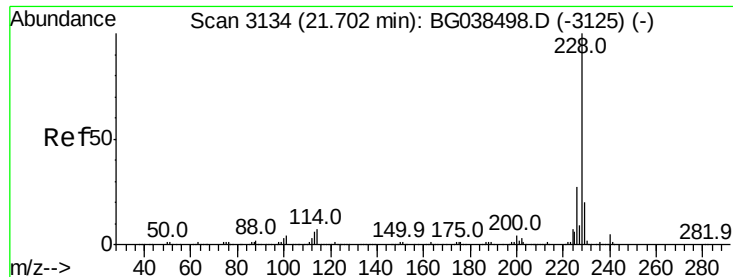
Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 64.6  | 54.5  | 81.7  |
| 206     | 23.1  | 19.0  | 28.6  |





#81

Benzo(a)anthracene

Concen: 9.753 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

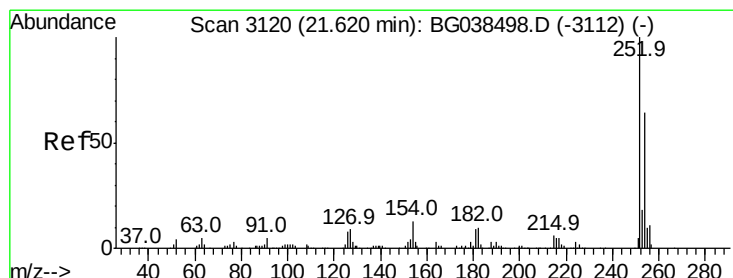
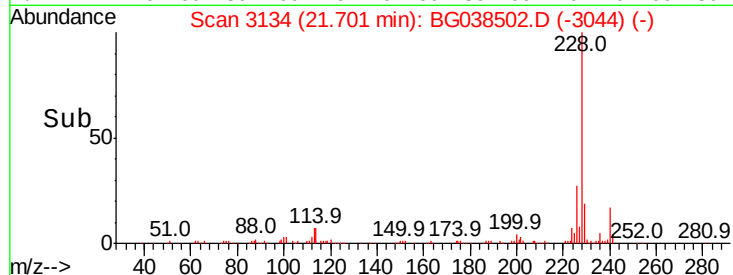
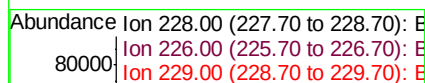
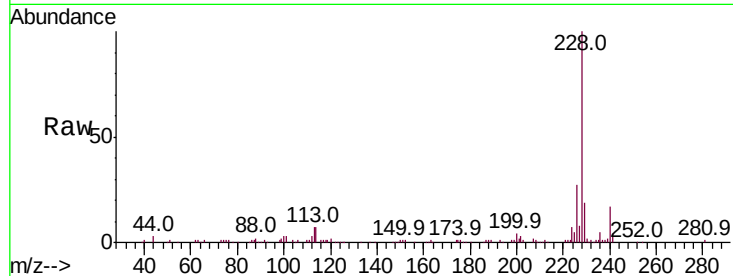
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 105610 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.1  | 21.8  | 32.8   |
| 229       | 19.1  | 15.8  | 23.6   |

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#82

3,3'-Dichlorobenzidine

Concen: 9.384 ng

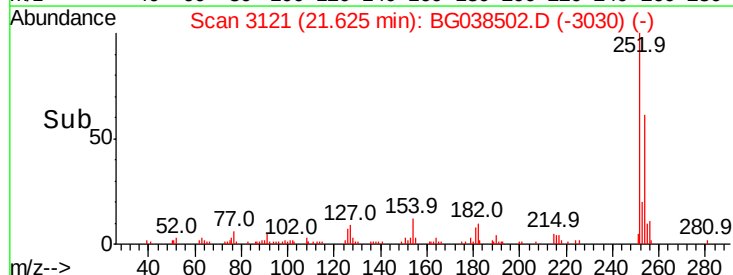
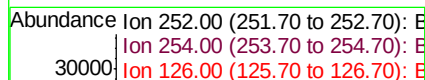
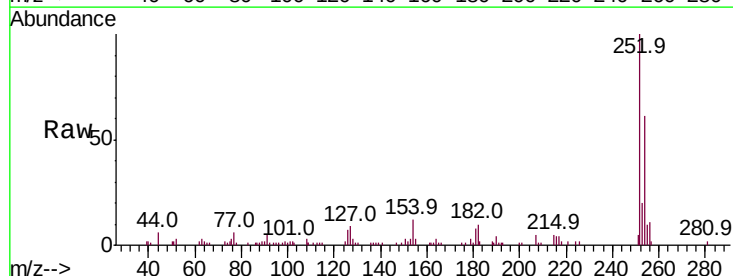
RT: 21.62 min Scan# 3121

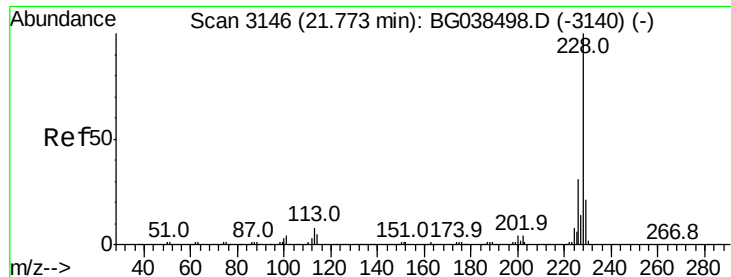
Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 40370 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 61.3  | 50.9  | 76.3  |
| 126       | 7.4   | 6.3   | 9.5   |





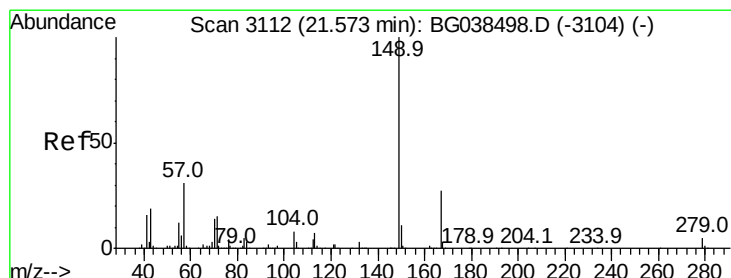
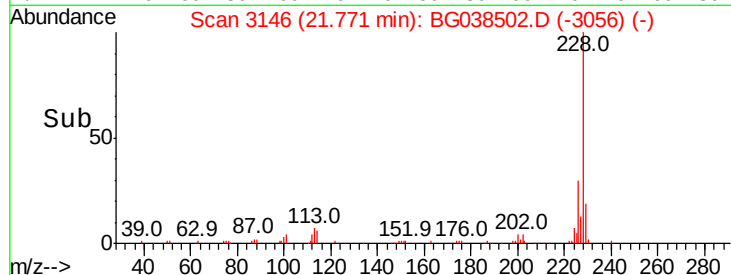
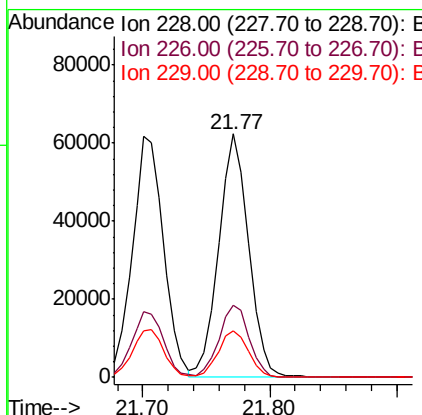
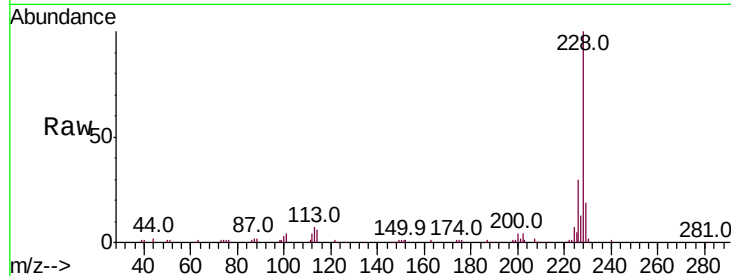
#83  
 Chrysene  
 Concen: 9.788 ng  
 RT: 21.77 min Scan# 3146  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 25.0  | 37.4  |
| 229     | 19.2  | 16.5  | 24.7  |

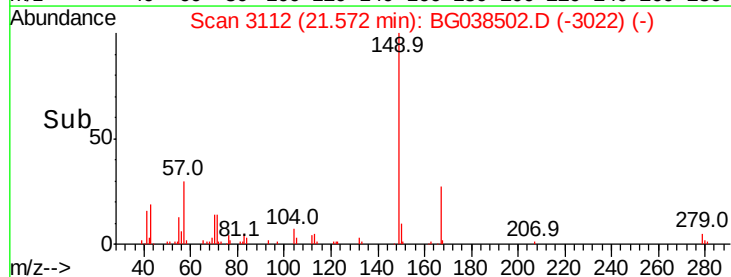
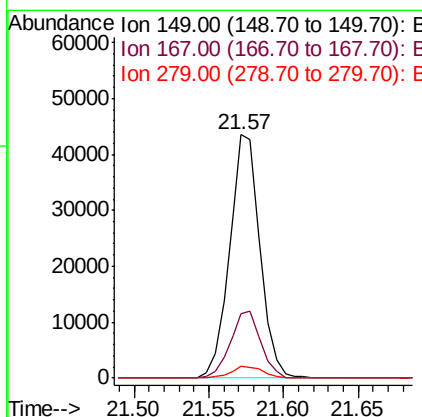
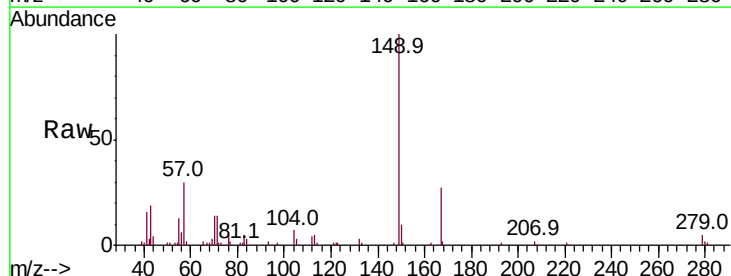
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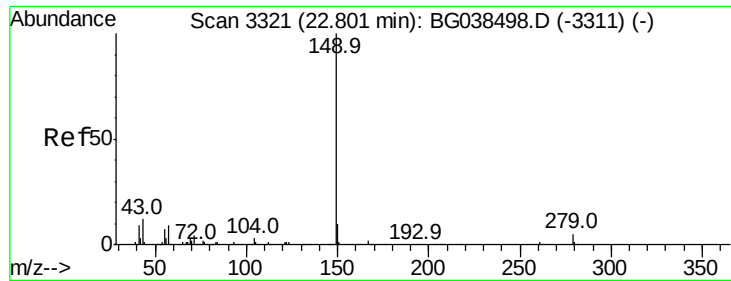
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 9.285 ng  
 RT: 21.57 min Scan# 3112  
 Delta R.T. -0.00 min  
 Lab File: BG038502.D  
 Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.5  | 21.9  | 32.9  |
| 279     | 4.9   | 4.2   | 6.2   |





#85

Di-n-octyl phthalate

Concen: 9.592 ng

RT: 22.81 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

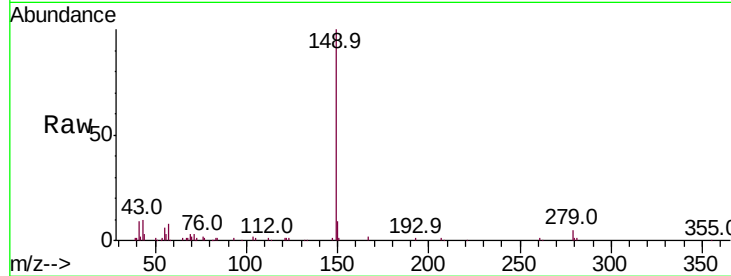
ClientSampleId :

SSTDIC010

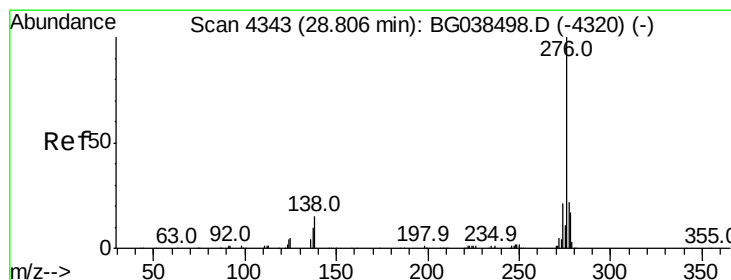
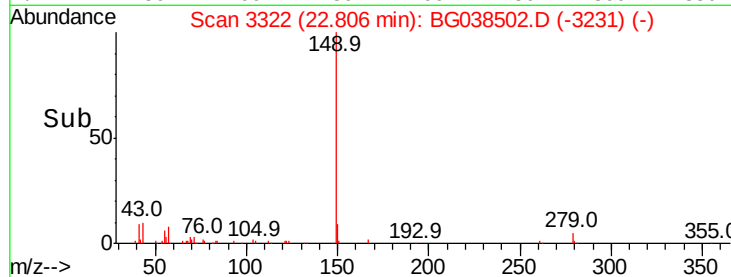
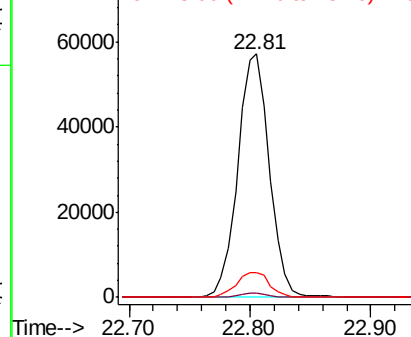
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 103961 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 10.9  | 9.3   | 13.9   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.305 ng

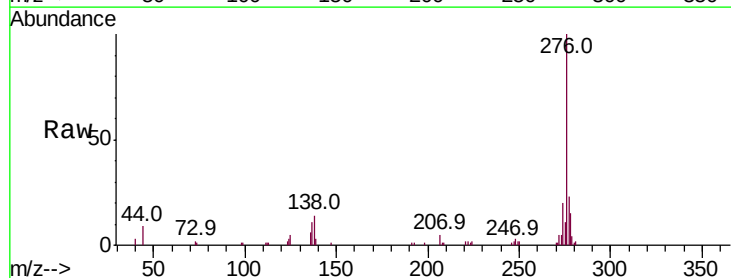
RT: 28.80 min Scan# 4342

Delta R.T. -0.01 min

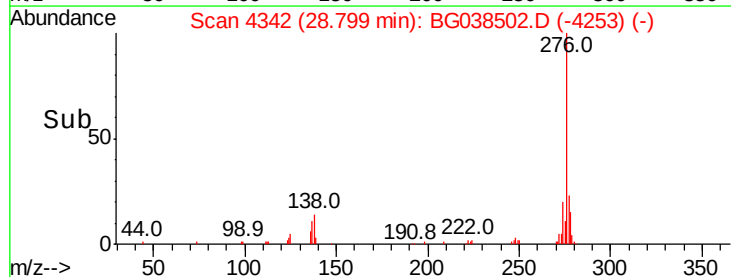
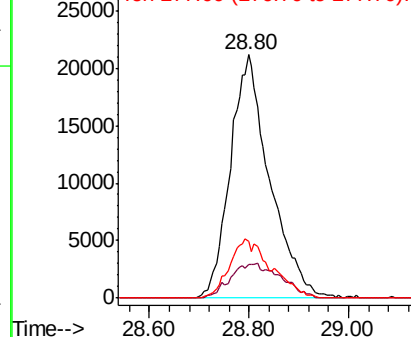
Lab File: BG038502.D

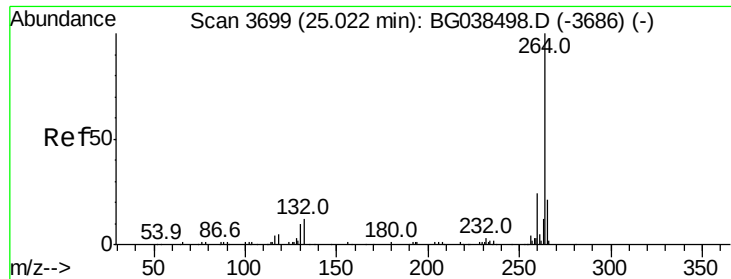
Acq: 12 Dec 2018 14:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 115722 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 0.0   | 14.4  | 21.6#  |
| 277       | 13.3  | 0.0   | 0.0#   |



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

Instrument :

BNA\_G

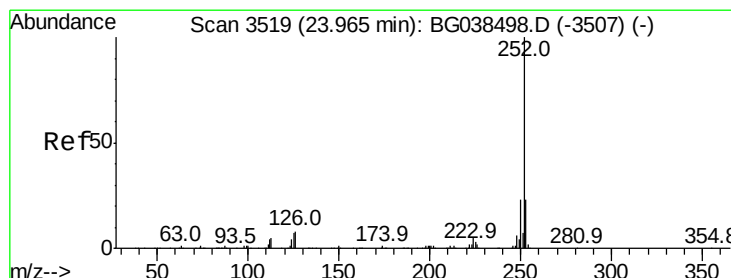
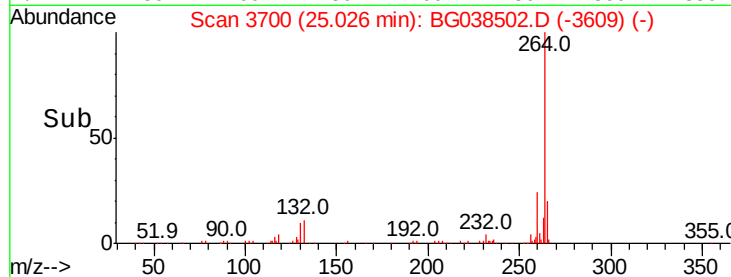
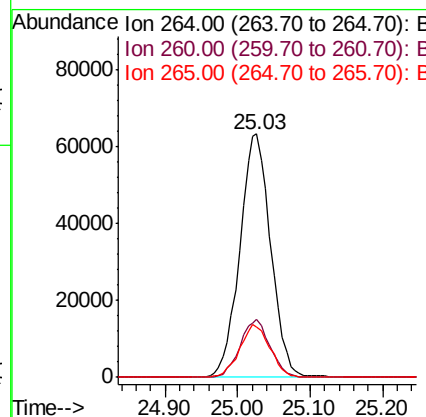
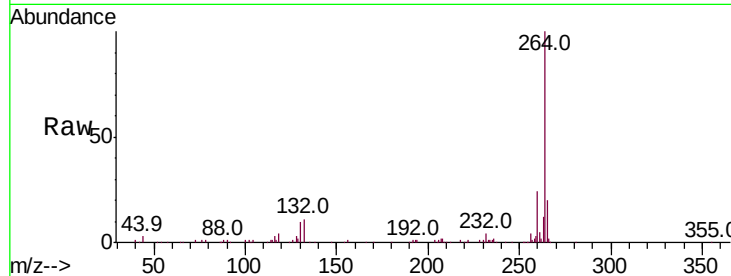
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 186889 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.1  | 18.9  | 28.3   |
| 265       | 20.5  | 17.0  | 25.4   |

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#88

Benzo(b)fluoranthene

Concen: 9.774 ng

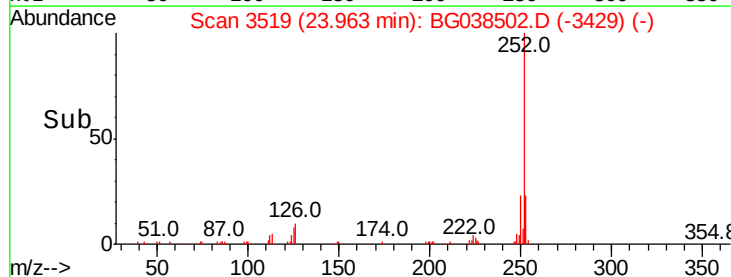
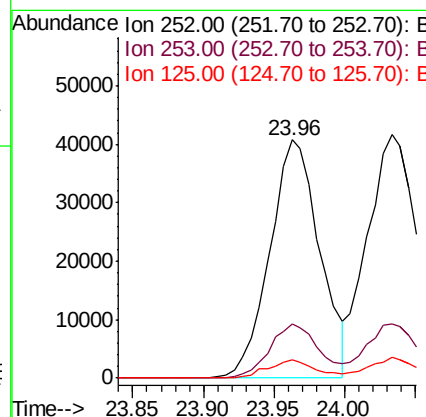
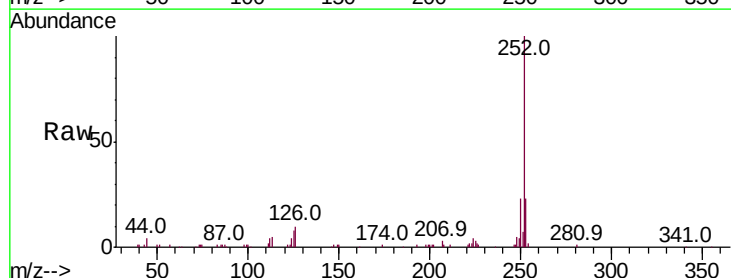
RT: 23.96 min Scan# 3519

Delta R.T. -0.00 min

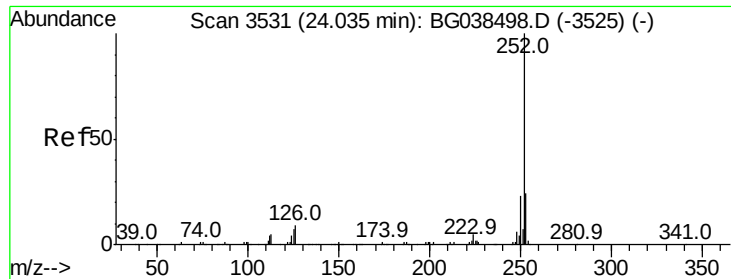
Lab File: BG038502.D

Acq: 12 Dec 2018 14:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 100538 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.6  | 18.1  | 27.1   |
| 125       | 7.7   | 5.5   | 8.3    |







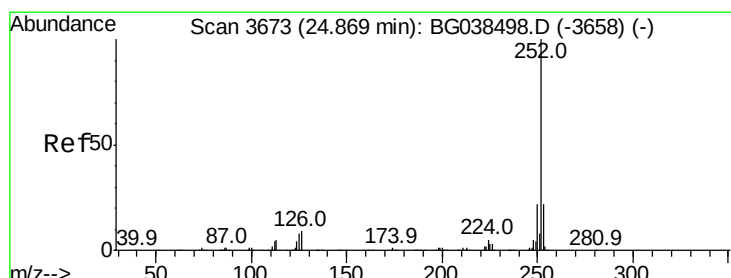
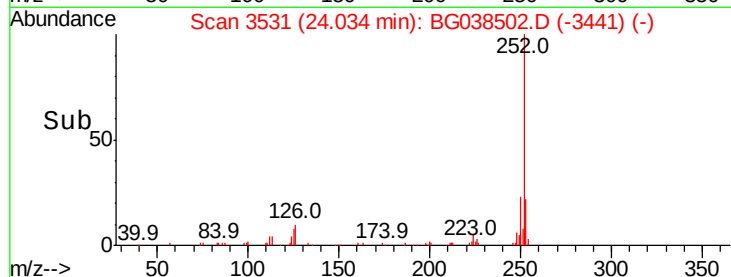
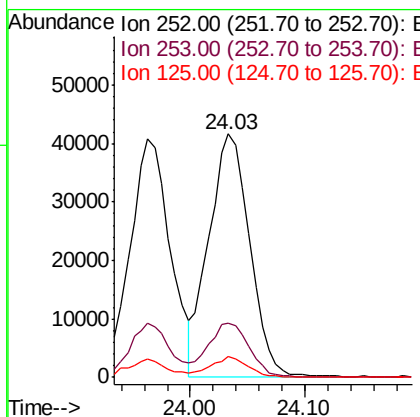
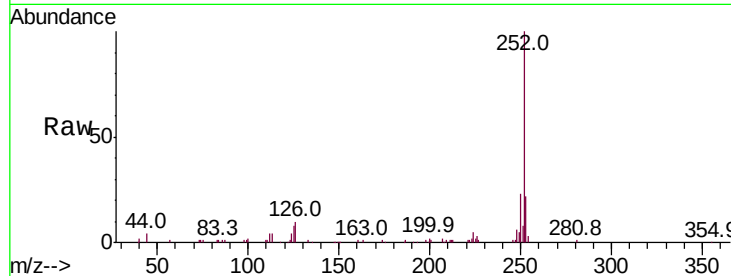
#89  
Benzo(k)fluoranthene  
Concen: 10.121 ng m  
RT: 24.03 min Scan# 3531  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.9  | 28.3  |
| 125     | 8.3   | 5.4   | 8.2   |

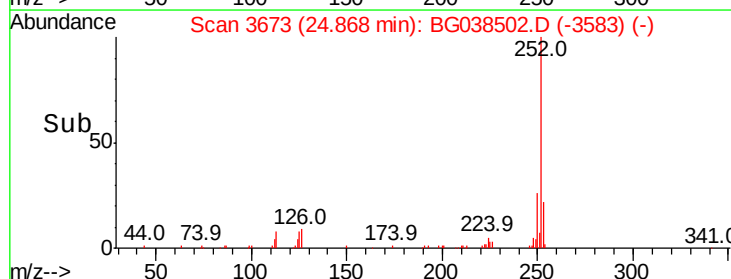
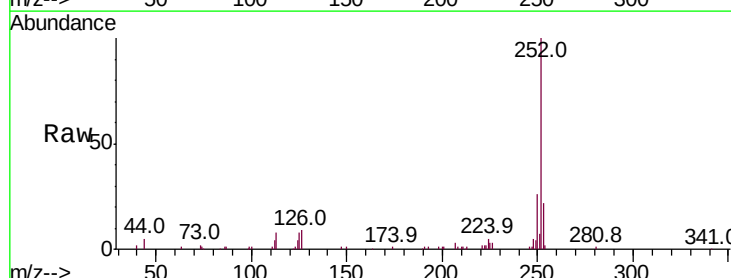
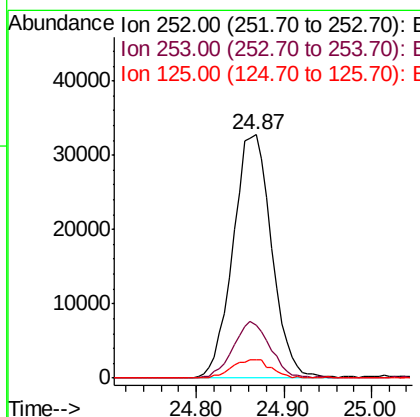
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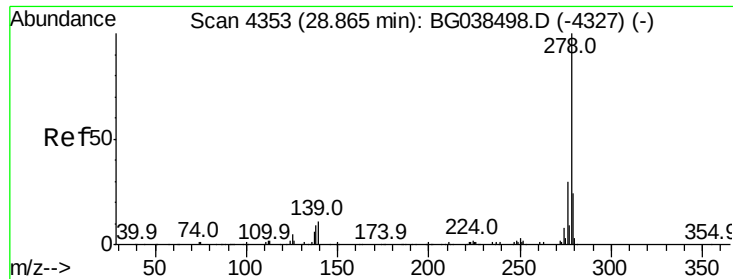
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#90  
Benzo(a)pyrene  
Concen: 9.914 ng  
RT: 24.87 min Scan# 3673  
Delta R.T. -0.00 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.4  | 26.0  |
| 125     | 7.7   | 6.4   | 9.6   |





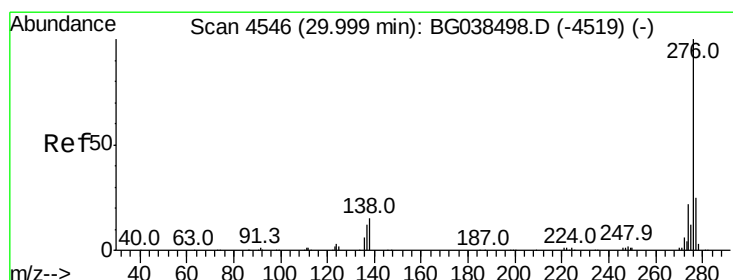
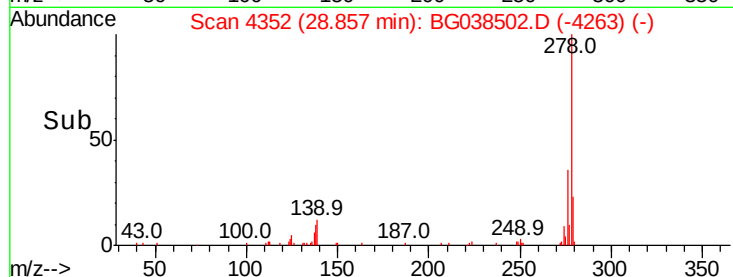
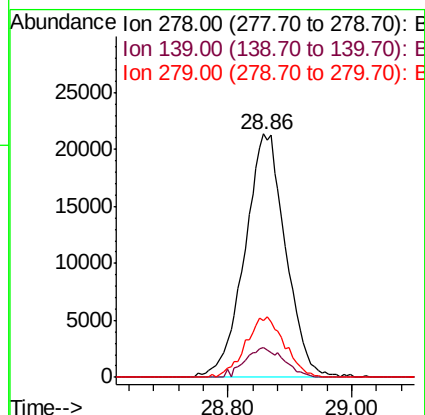
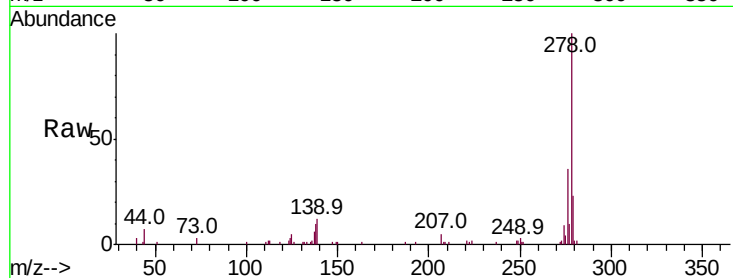
#91  
Dibenzo(a,h)anthracene  
Concen: 9.733 ng  
RT: 28.86 min Scan# 4352  
Delta R.T. -0.01 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

|             |       |       |
|-------------|-------|-------|
| Tot Ion:278 | Resp: | 97641 |
| Ion Ratio   | Lower | Upper |
| 278 100     |       |       |
| 139 12.2    | 8.6   | 12.8  |
| 279 23.2    | 19.0  | 28.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 10.163 ng  
RT: 29.99 min Scan# 4545  
Delta R.T. -0.01 min  
Lab File: BG038502.D  
Acq: 12 Dec 2018 14:31

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:276 | Resp: | 98291 |
| Ion Ratio   | Lower | Upper |
| 276 100     |       |       |
| 277 22.2    | 19.8  | 29.8  |
| 138 14.4    | 11.8  | 17.6  |

