

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\  
 Data File : BG043501.D  
 Acq On : 5 Nov 2019 10:46  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 11/6/2019 8:40:58 AM

Quant Time: Nov 06 00:54:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 42425    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 172062   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.64 | 164  | 122246   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.39 | 188  | 296379   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 318673   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.86 | 264  | 386918   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 196120  | 84.71 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 272750  | 81.88 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.18  | 82  | 261989  | 78.50 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 185842  | 79.89 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 702077  | 79.36 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.00 | 244 | 1343883 | 79.12 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 35868  | 39.755 | ng | 99     |
| 3) Pyridine                    | 3.88  | 79  | 97930  | 43.029 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.79  | 42  | 46264  | 40.285 | ng | 89     |
| 6) Aniline                     | 7.34  | 93  | 156790 | 40.860 | ng | 98     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 104819 | 41.013 | ng | 99     |
| 9) Benzaldehyde                | 7.15  | 77  | 69977  | 42.747 | ng | 90     |
| 10) Phenol                     | 7.23  | 94  | 125227 | 41.141 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 94140  | 40.002 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 132278 | 41.310 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 132229 | 40.815 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146 | 127854 | 40.418 | ng | 94     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 96718  | 41.343 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 127765 | 37.337 | ng | 96     |
| 17) 2-Methylphenol             | 8.47  | 107 | 88935  | 40.079 | ng | 94     |
| 18) Hexachloroethane           | 9.09  | 117 | 48100  | 41.151 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 83616  | 38.847 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 122047 | 40.110 | ng | 95     |
| 22) Acetophenone               | 8.84  | 105 | 173380 | 39.348 | ng | # 98   |
| 24) Nitrobenzene               | 9.22  | 77  | 125462 | 39.462 | ng | # 95   |
| 25) Isophorone                 | 9.74  | 82  | 236905 | 38.825 | ng | 99     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 62743  | 40.877 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 89939  | 40.882 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 134060 | 39.808 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 113245 | 40.176 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 139690 | 39.320 | ng | 96     |
| 31) Naphthalene                | 10.87 | 128 | 342577 | 39.224 | ng | 98     |
| 32) Benzoic acid               | 10.18 | 122 | 61947  | 38.974 | ng | 99     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 146738 | 40.987 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 103138 | 39.273 | ng | 93     |
| 35) Caprolactam                | 11.76 | 113 | 40500  | 41.719 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 121239 | 39.432 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 262318 | 39.144 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.69 | 142 | 247775 | 38.860 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 181831 | 40.191 | ng | 99     |

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 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 96856    | 40.755 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 106939   | 40.138 | nq    | 94       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 107344   | 39.852 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 372716   | 40.078 | nq    | 96       |
| 47) 2-Chloronaphthalene        | 13.52 | 162  | 280773   | 39.680 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 86332    | 40.822 | nq    | 95       |
| 49) Acenaphthylene             | 14.36 | 152  | 439307   | 39.891 | nq    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 379627   | 40.092 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 81856    | 39.792 | nq    | 96       |
| 52) Acenaphthene               | 14.71 | 154  | 270475   | 40.274 | nq    | 97       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 84250    | 42.420 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 49523    | 42.326 | nq    | 94       |
| 55) Dibenzofuran               | 15.04 | 168  | 431324   | 39.604 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 55795    | 41.922 | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 121117   | 41.199 | nq    | 93       |
| 58) Fluorene                   | 15.69 | 166  | 366414   | 40.114 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 112812m  | 39.420 | nq    |          |
| 60) Diethylphthalate           | 15.46 | 149  | 378998   | 39.835 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 212952   | 39.963 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 92128    | 44.916 | nq    | 100      |
| 63) Azobenzene                 | 15.97 | 77   | 304736   | 39.576 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 67832    | 38.890 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 320604   | 38.315 | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.57 | 248  | 153176   | 38.403 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 174856   | 38.191 | nq    | 99       |
| 69) Atrazine                   | 16.84 | 200  | 106199   | 36.525 | nq    | 93       |
| 70) Pentachlorophenol          | 17.05 | 266  | 74715    | 35.814 | nq    | 97       |
| 71) Phenanthrene               | 17.43 | 178  | 589020   | 38.810 | nq    | 100      |
| 72) Anthracene                 | 17.53 | 178  | 592236   | 39.002 | nq    | 98       |
| 73) Carbazole                  | 17.80 | 167  | 550321   | 40.021 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 669976   | 40.155 | nq    | 99       |
| 75) Fluoranthene               | 19.44 | 202  | 763407   | 38.583 | nq    | 98       |
| 77) Benzidine                  | 19.62 | 184  | 283512   | 44.206 | nq    | 98       |
| 78) Pyrene                     | 19.81 | 202  | 777109   | 39.396 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 308172   | 41.237 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 802652   | 40.210 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 328824   | 42.590 | nq    | 99       |
| 83) Chrysene                   | 21.71 | 228  | 788295   | 39.746 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 440347   | 41.480 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 758651   | 42.123 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.51 | 276  | 1047394  | 42.071 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 859928   | 39.241 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 867017   | 39.301 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.71 | 252  | 827117   | 39.526 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.57 | 278  | 861856   | 40.266 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.65 | 276  | 840497   | 39.809 | nq    | 98       |

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





#1

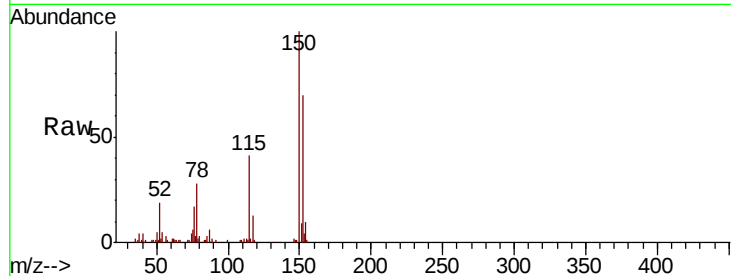
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 838  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 142.7 | 129.4 | 194.0 |
| 115     | 58.8  | 48.8  | 73.2  |

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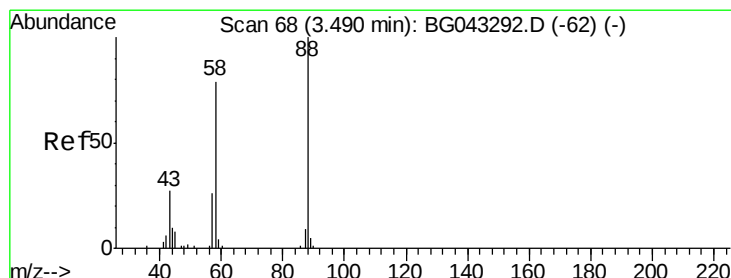
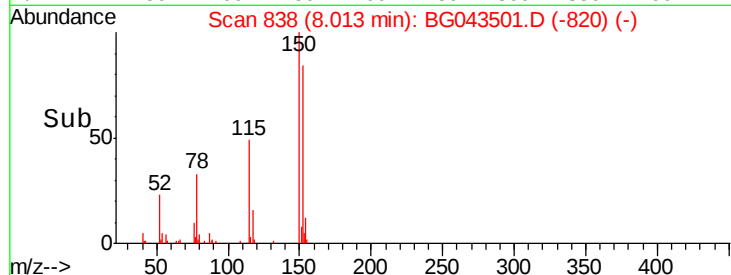
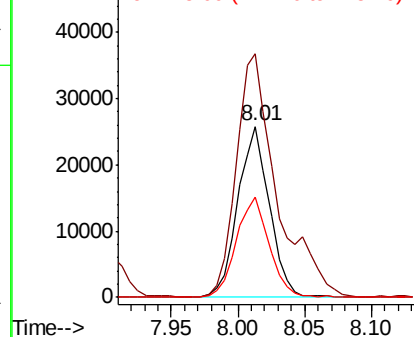


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

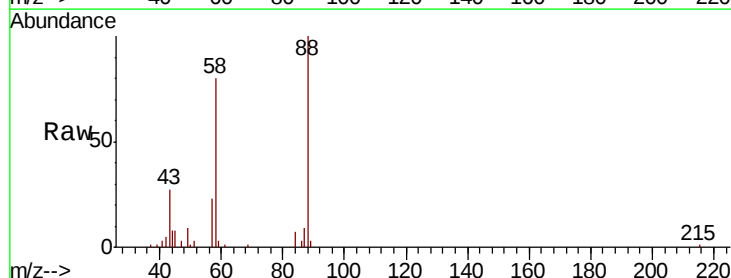
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 39.755 ng  
RT: 3.48 min Scan# 66  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.7  | 62.7  | 94.1  |
| 43      | 30.2  | 23.7  | 35.5  |

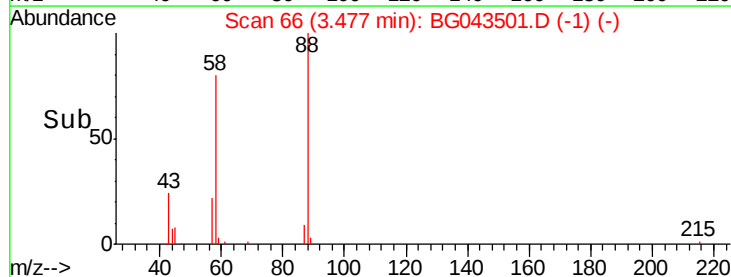
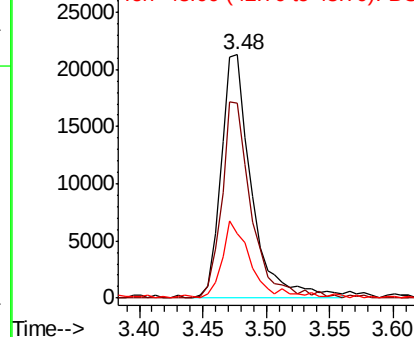


Abundance

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: 43.029 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

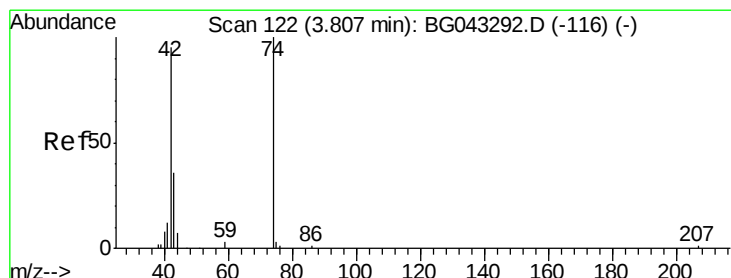
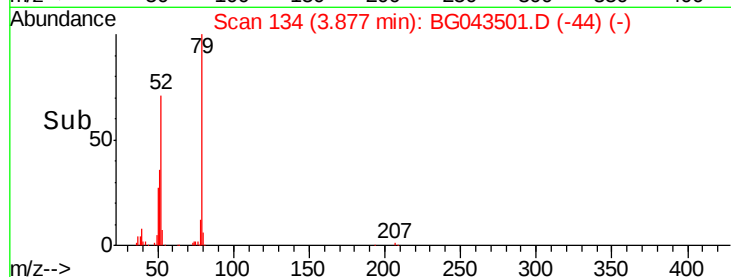
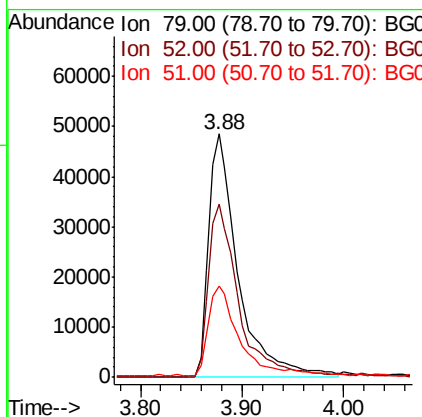
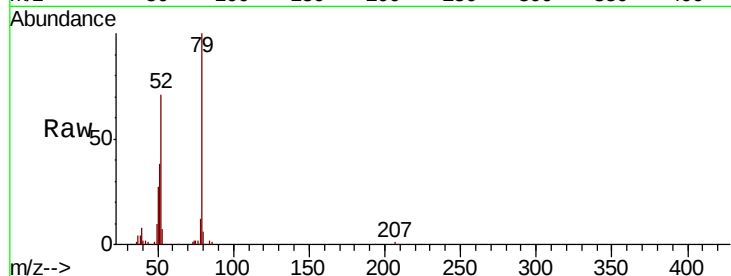
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 97930 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 71.4  | 56.5  | 84.7  |
| 51       | 37.6  | 33.2  | 49.8  |

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#4

n-Nitrosodimethylamine

Concen: 40.285 ng

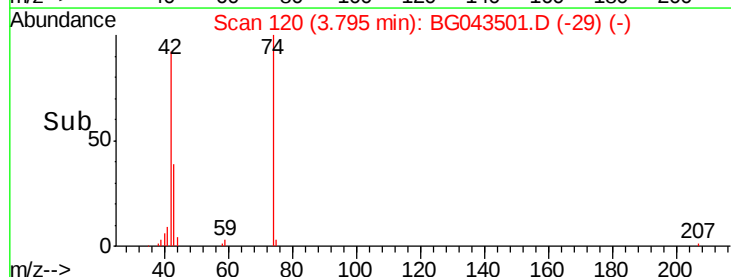
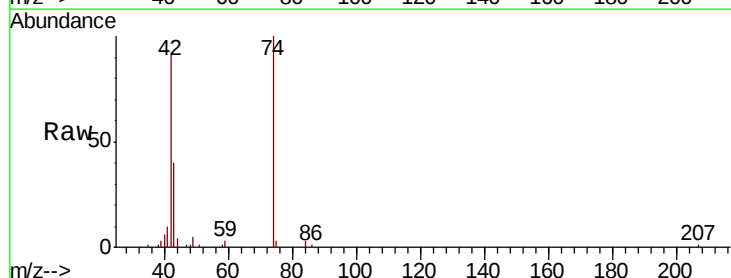
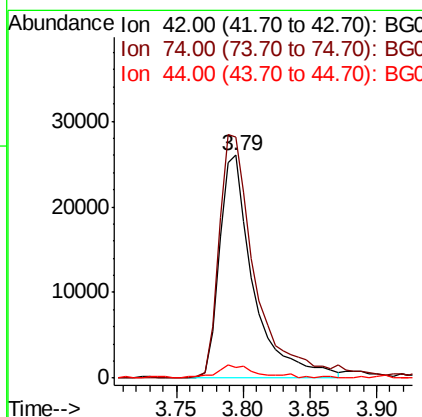
RT: 3.79 min Scan# 120

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 46264 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 108.3 | 97.3  | 145.9 |
| 44       | 4.6   | 4.4   | 6.6   |





#5

2-Fluorophenol

Concen: 84.709 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

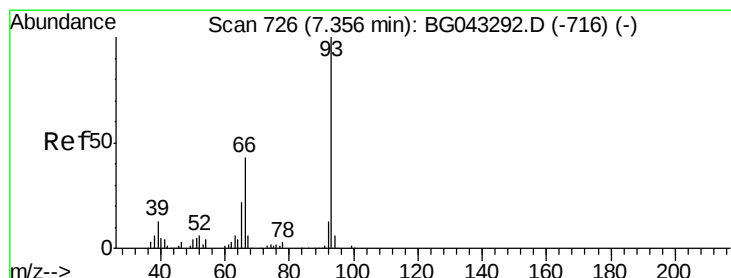
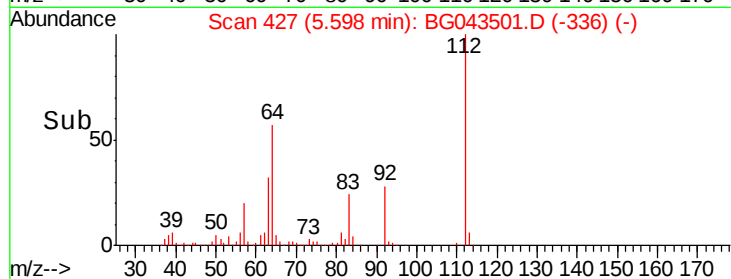
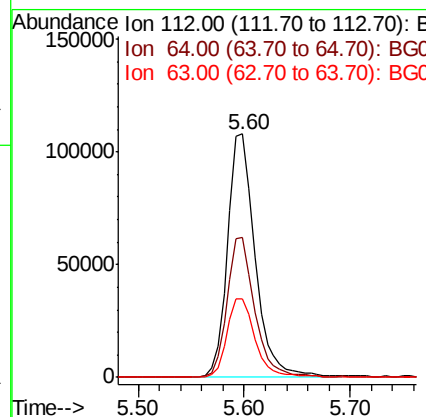
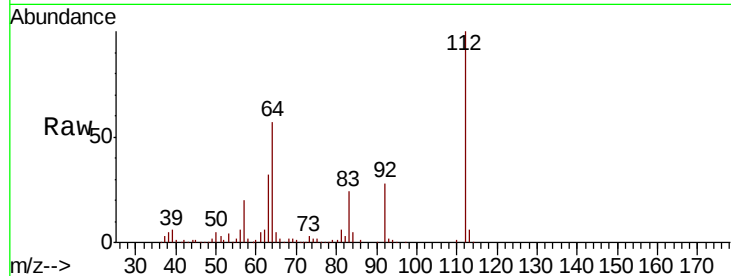
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 196120 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.4  | 50.0  | 75.0   |
| 63        | 32.4  | 26.6  | 40.0   |

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#6

Aniline

Concen: 40.860 ng

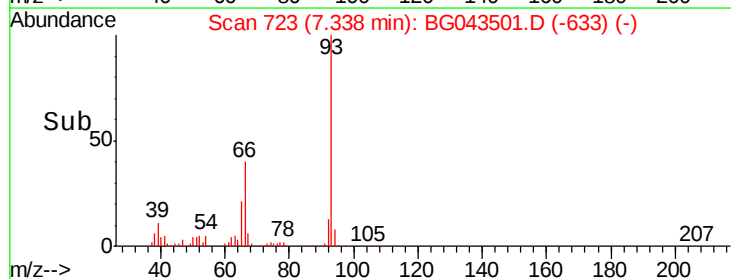
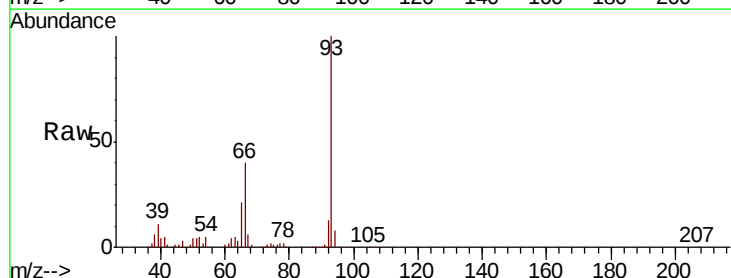
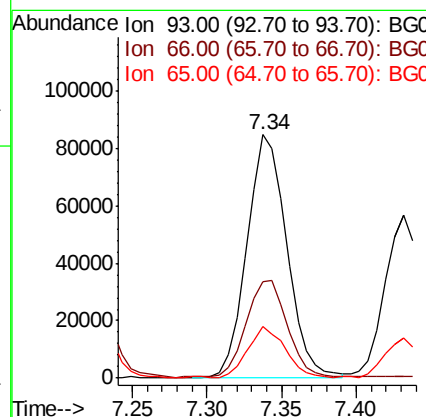
RT: 7.34 min Scan# 723

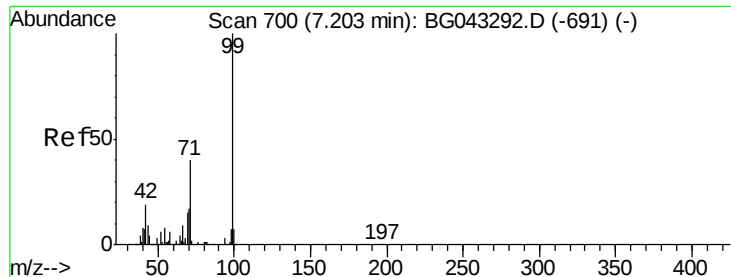
Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 156790 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.7  | 32.3  | 48.5   |
| 65        | 21.2  | 16.1  | 24.1   |





#7

Phenol-d6

Concen: 81.881 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

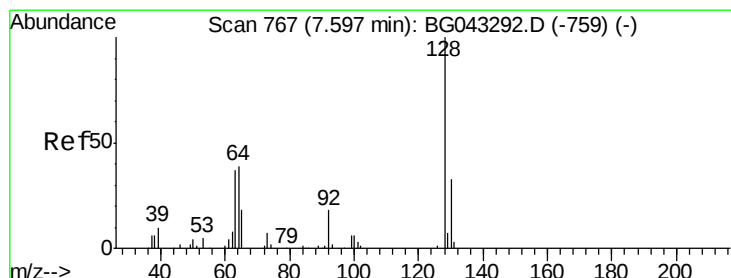
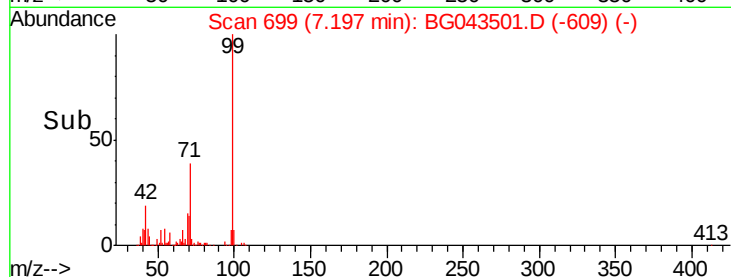
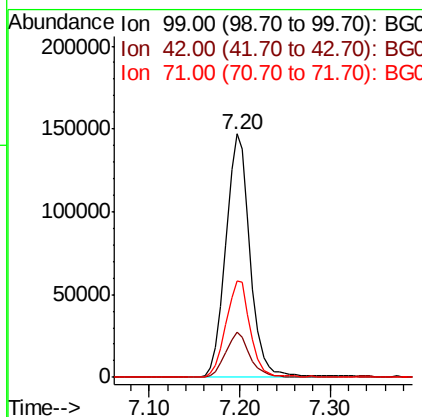
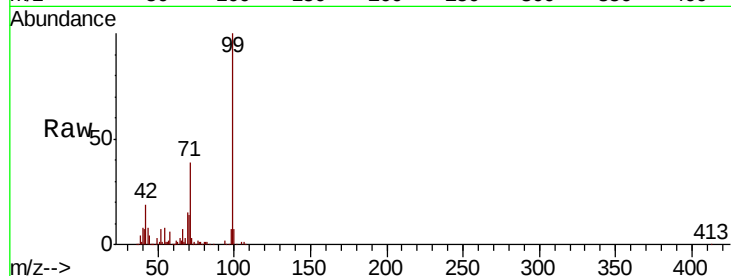
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 272750 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 18.7  | 14.6  | 21.8   |
| 71       | 39.5  | 32.5  | 48.7   |

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#8

2-Chlorophenol

Concen: 41.013 ng

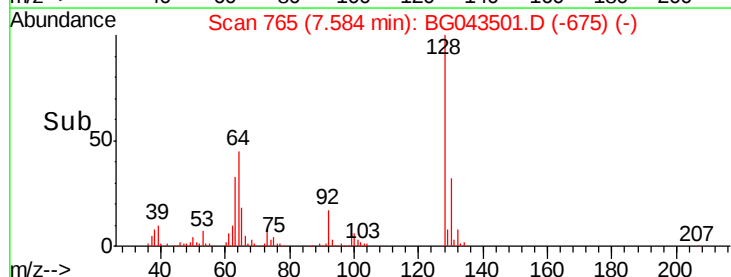
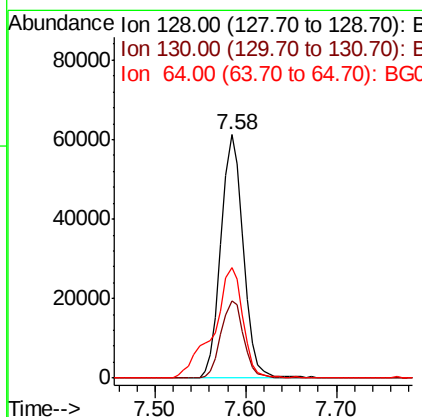
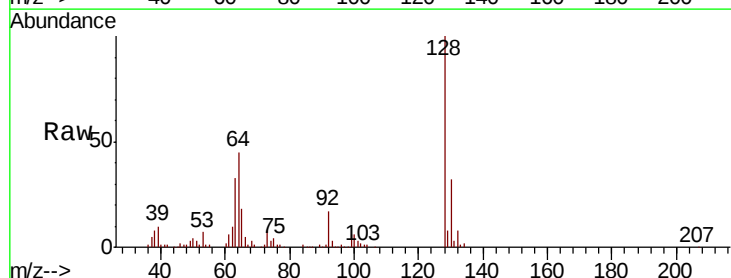
RT: 7.58 min Scan# 765

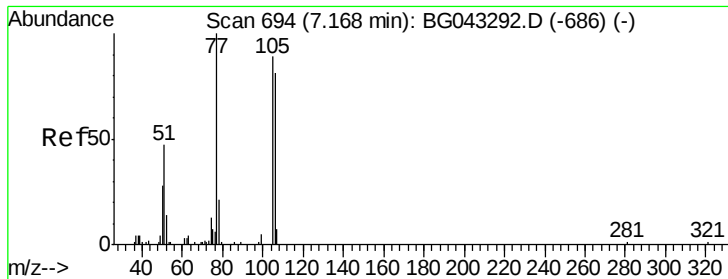
Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 104819 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.7  | 12.5  | 52.5   |
| 64       | 45.4  | 25.3  | 65.3   |





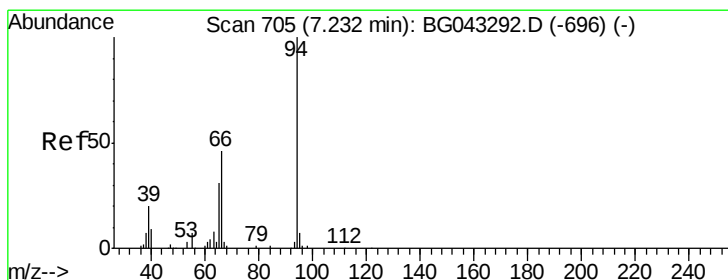
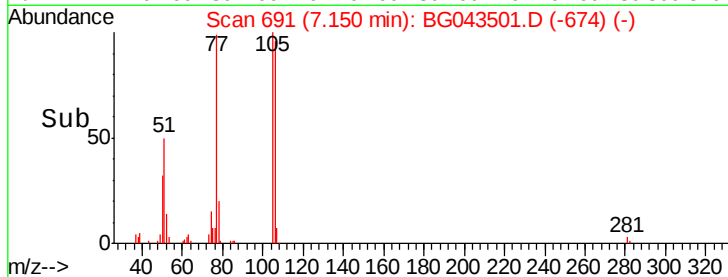
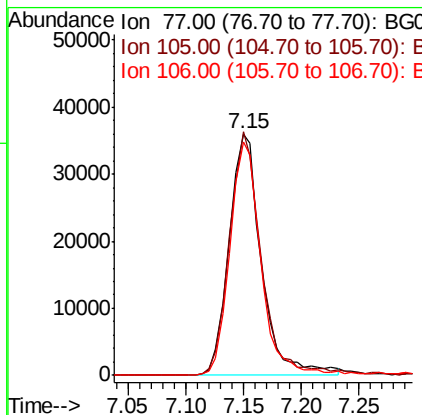
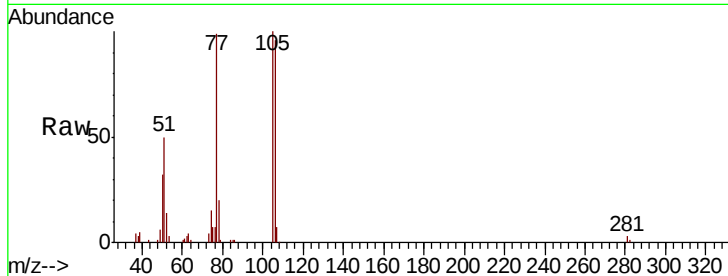
#9  
Benzaldehyde  
Concen: 42.747 ng  
RT: 7.15 min Scan# 691  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.9 | 68.6  | 108.6 |
| 106     | 96.8  | 69.9  | 109.9 |

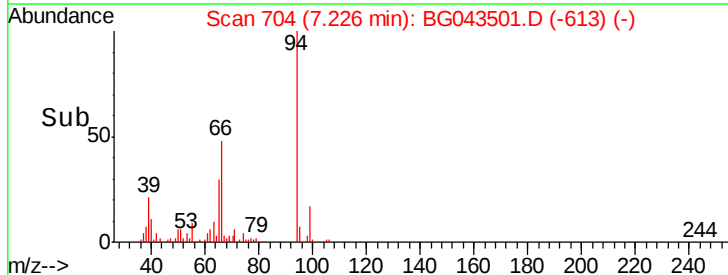
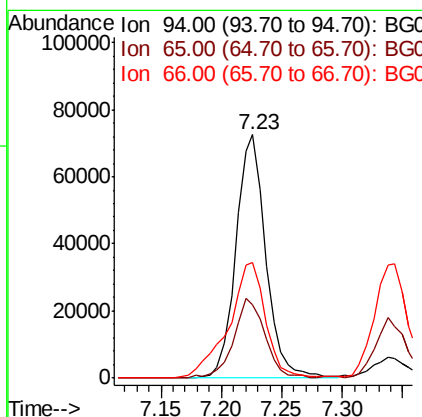
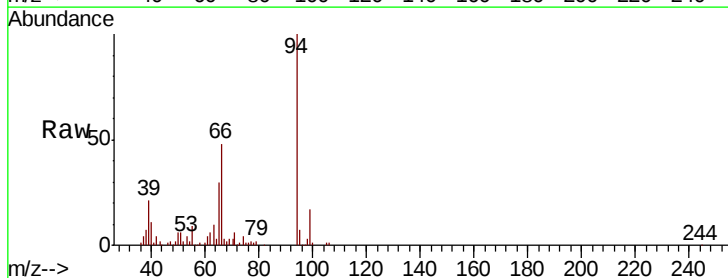
Manual Integrations  
APPROVED

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11/6/2019 8:40:58 AM



#10  
Phenol  
Concen: 41.141 ng  
RT: 7.23 min Scan# 704  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.3  | 12.6  | 52.6  |
| 66      | 47.7  | 30.7  | 70.7  |





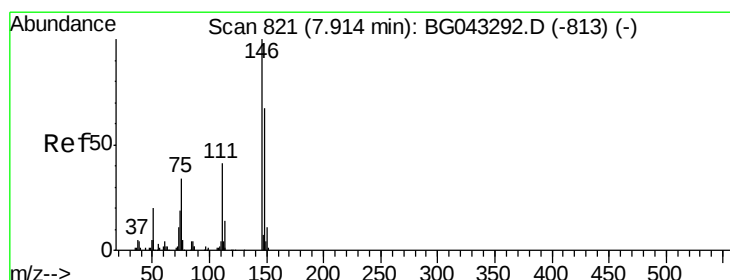
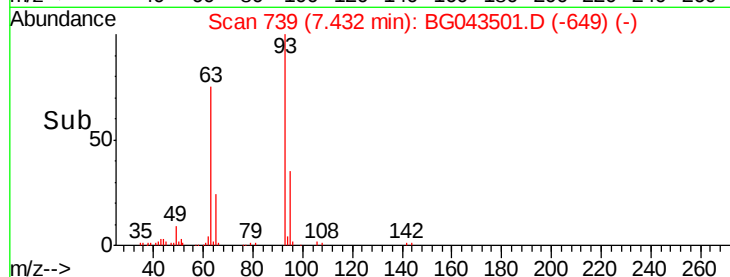
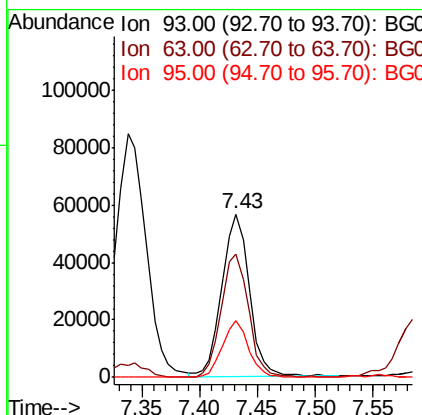
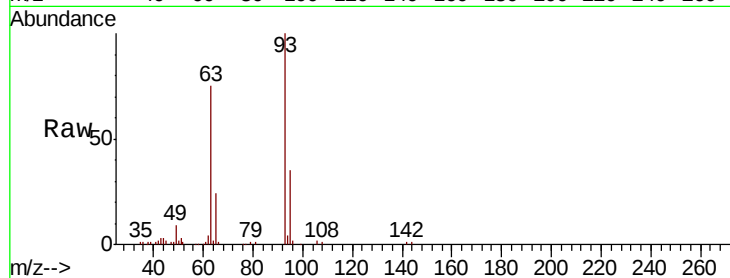
#11  
bis(2-Chloroethyl)ether  
Concen: 40.002 ng  
RT: 7.43 min Scan# 739  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.1  | 56.3  | 96.3  |
| 95      | 34.6  | 12.2  | 52.2  |

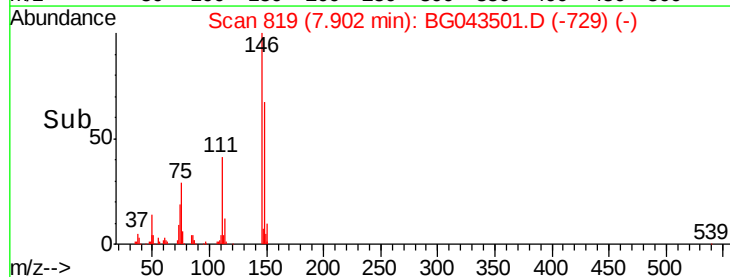
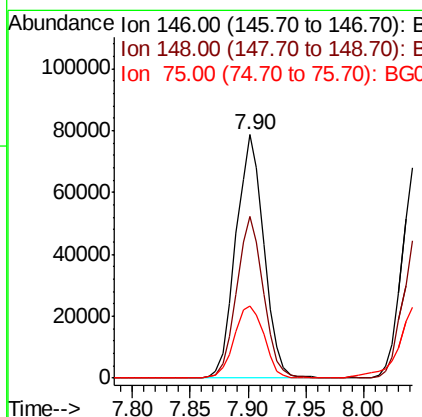
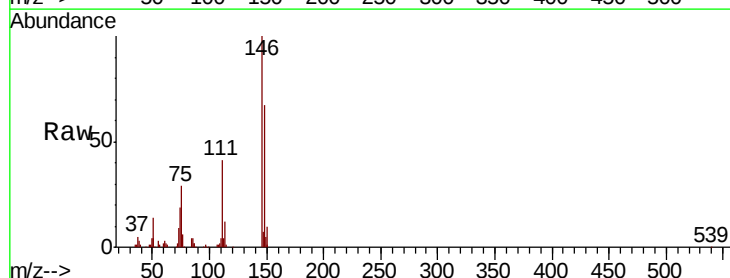
Manual Integrations  
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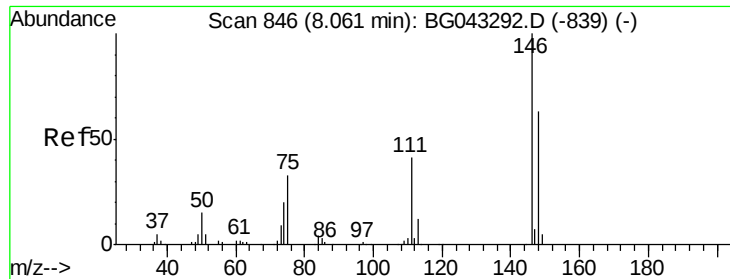
mohammad  
11/6/2019 8:40:58 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.310 ng  
RT: 7.90 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.6  | 50.3  | 75.5  |
| 75      | 29.4  | 24.6  | 37.0  |





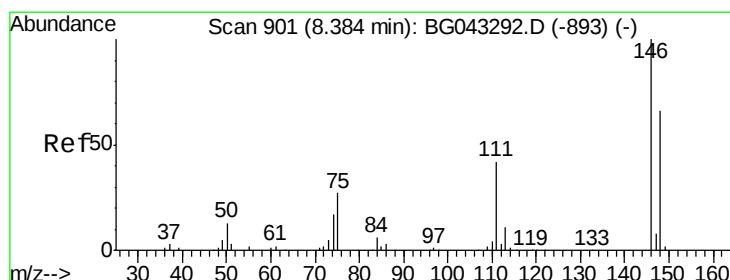
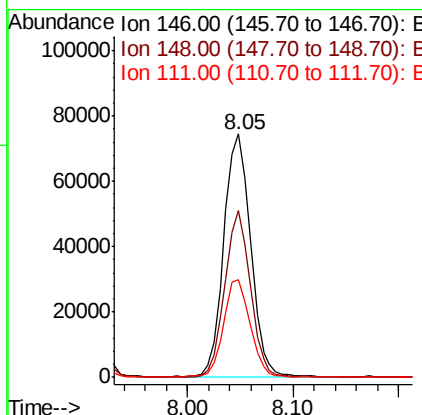
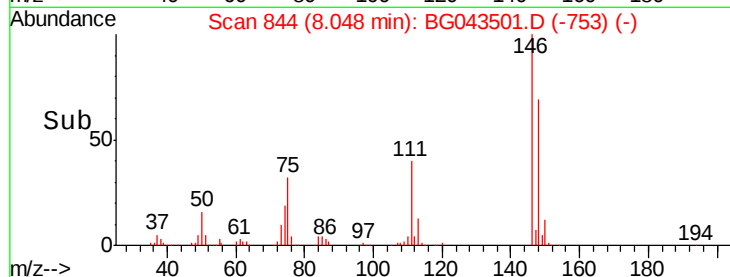
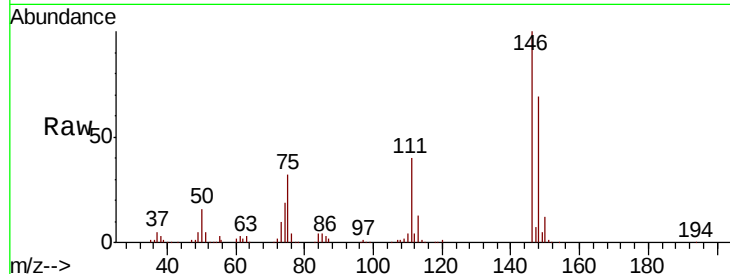
#13  
 1,4-Dichlorobenzene  
 Concen: 40.815 ng  
 RT: 8.05 min Scan# 844  
 Delta R.T. 0.01 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.6  | 50.7  | 76.1  |
| 111     | 40.4  | 33.4  | 50.2  |

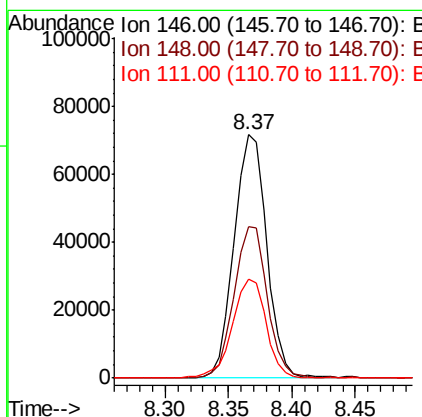
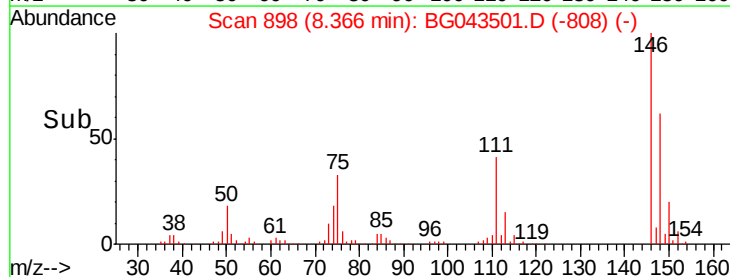
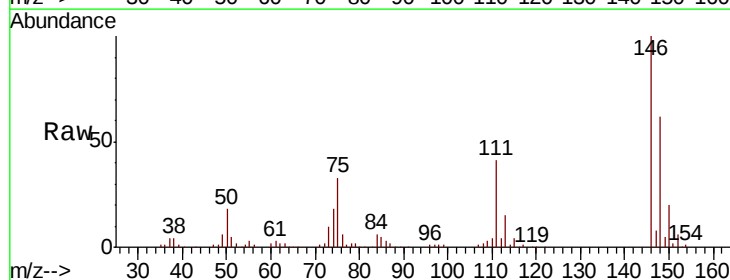
Manual Integrations  
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.418 ng  
 RT: 8.37 min Scan# 898  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 53.2  | 79.8  |
| 111     | 40.7  | 35.8  | 53.6  |





#15

Benzyl Alcohol

Concen: 41.343 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

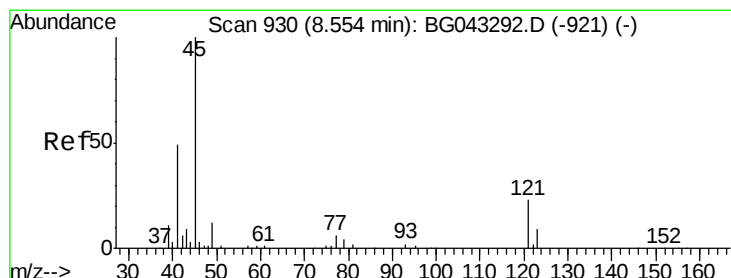
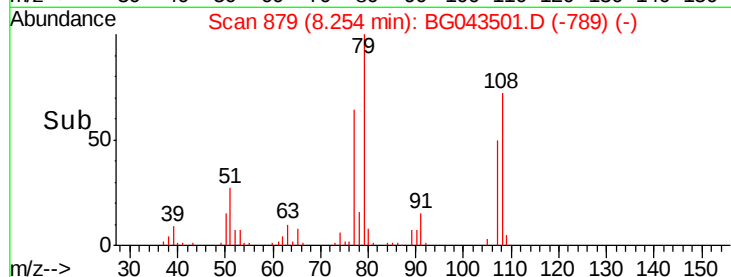
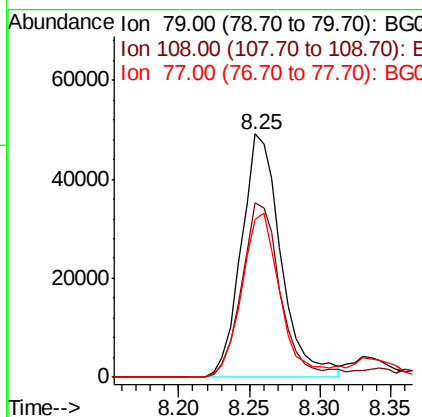
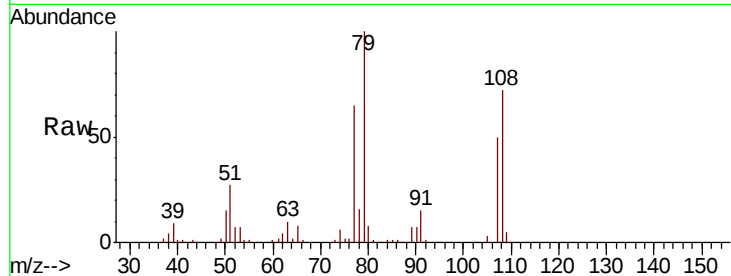
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 96718 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 71.7  | 53.6  | 80.4  |
| 77        | 64.7  | 49.6  | 74.4  |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.337 ng

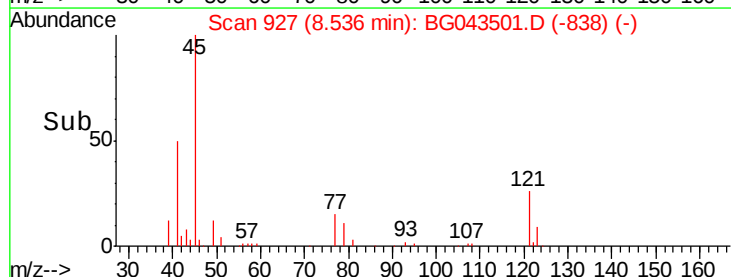
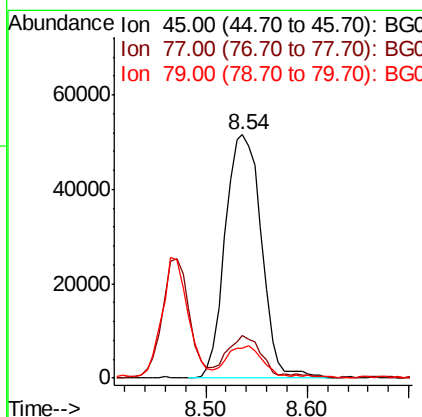
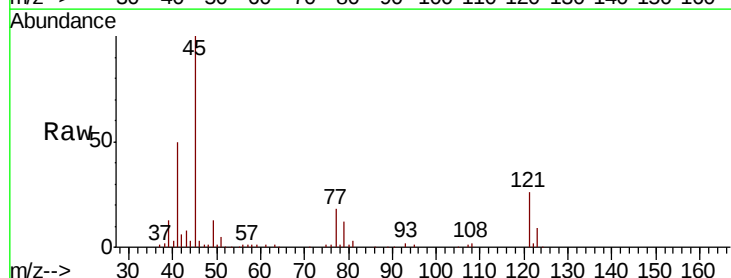
RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 127765 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 17.5  | 0.0   | 34.9   |
| 79        | 12.2  | 0.0   | 33.0   |





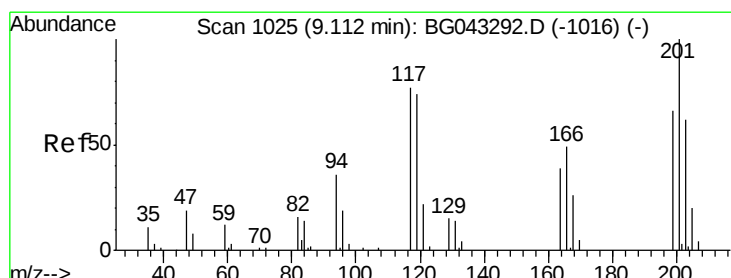
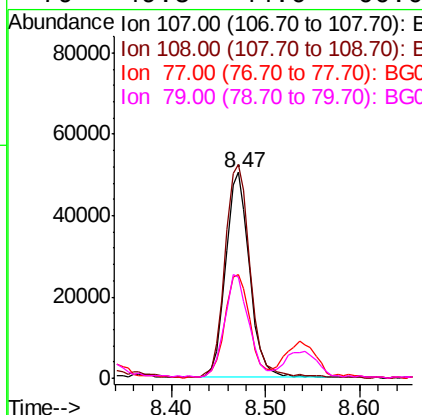
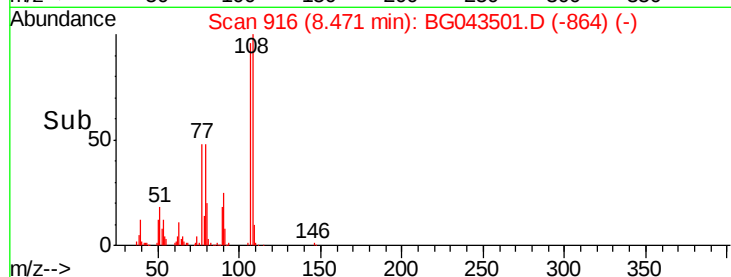
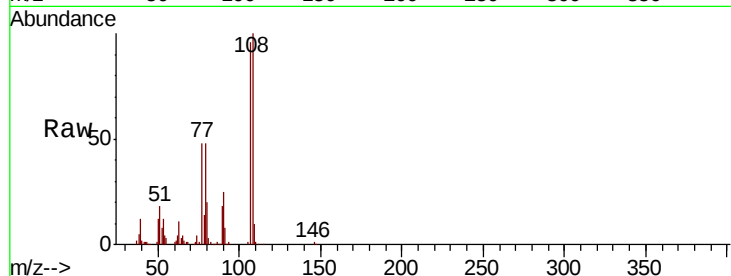
#17  
2-Methylphenol  
Concen: 40.079 ng  
RT: 8.47 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 103.8 | 90.2 | 135.4 |       |
| 77      | 50.3  | 40.2 | 60.2  |       |
| 79      | 49.5  | 44.0 | 66.0  |       |

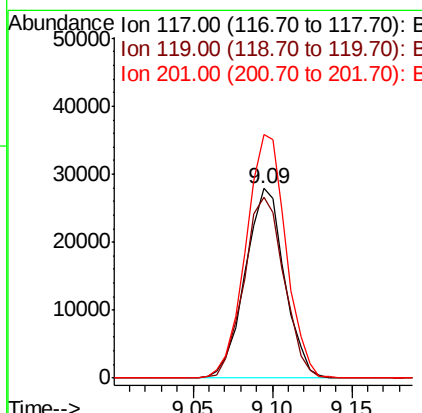
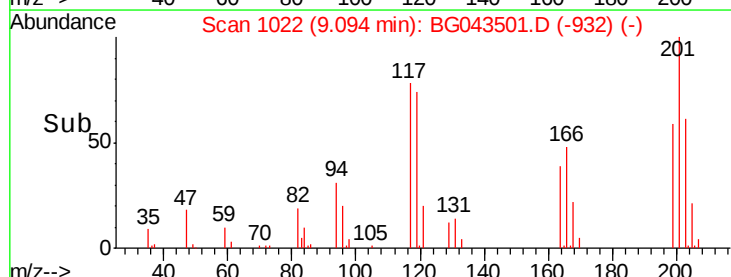
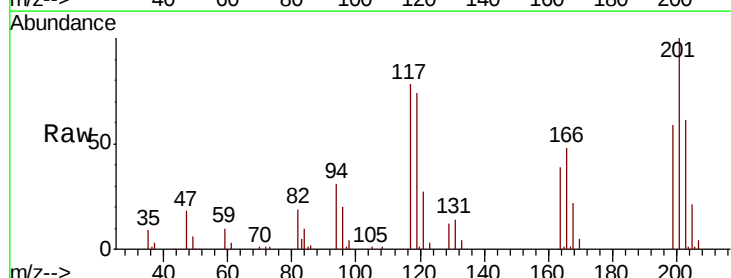
Manual Integrations  
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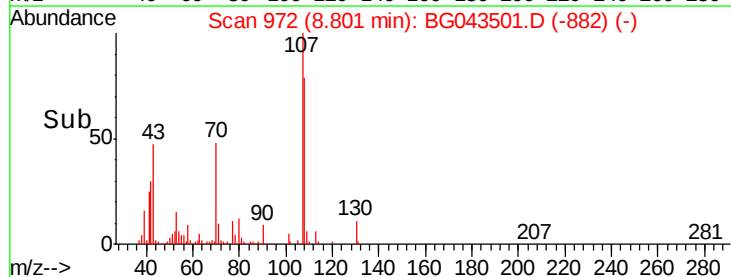
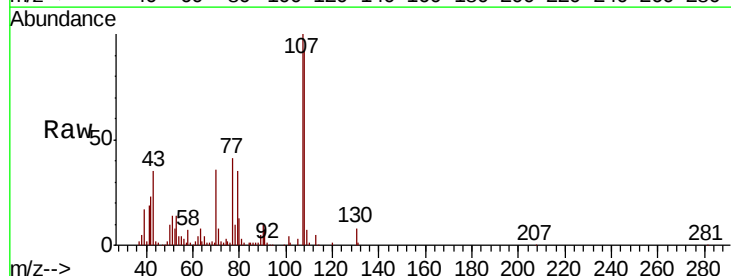
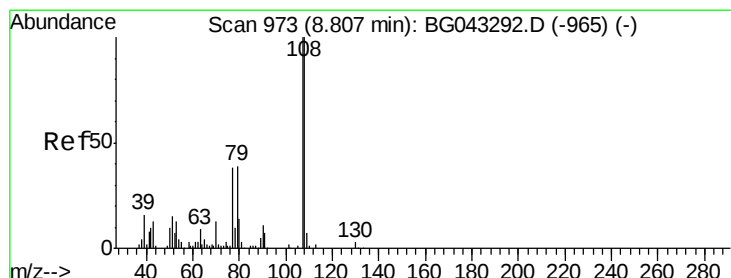
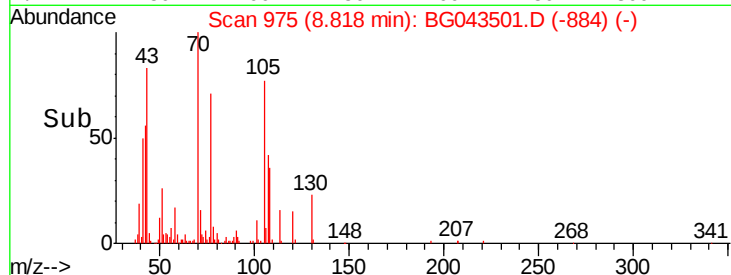
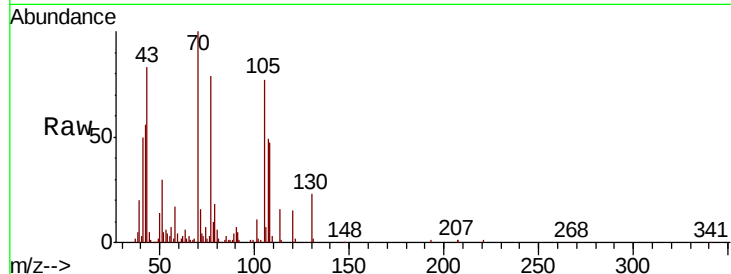
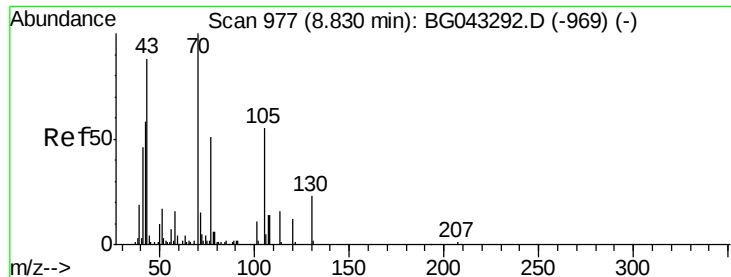
mohammad  
11/6/2019 8:40:58 AM



#18  
Hexachloroethane  
Concen: 41.151 ng  
RT: 9.09 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

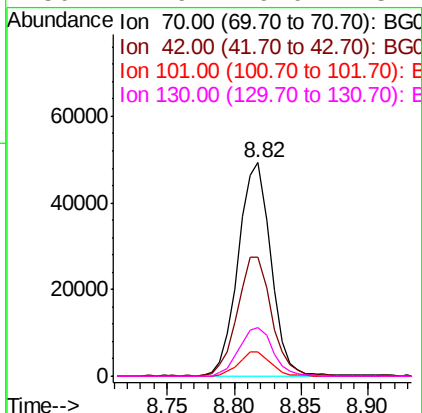
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 95.6  | 79.0  | 118.4 |       |
| 201     | 128.3 | 105.4 | 158.2 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.847 ng  
RT: 8.82 min Scan# 975  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 55.5 | 41.4  | 62.2 |       |       |
| 101     | 11.3 | 7.9   | 11.9 |       |       |
| 130     | 22.6 | 19.0  | 28.4 |       |       |



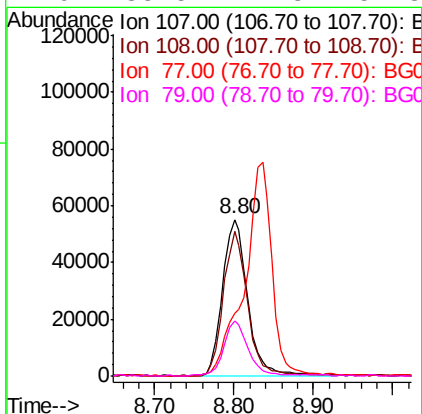
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

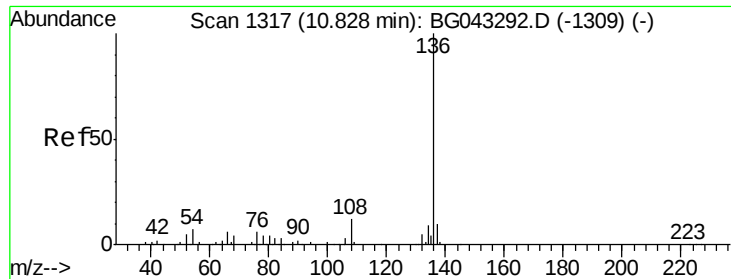
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#20  
3+4-Methylphenols  
Concen: 40.110 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 92.3 | 66.6  | 106.6 |       |       |
| 77      | 40.5 | 20.9  | 60.9  |       |       |
| 79      | 35.5 | 11.3  | 51.3  |       |       |





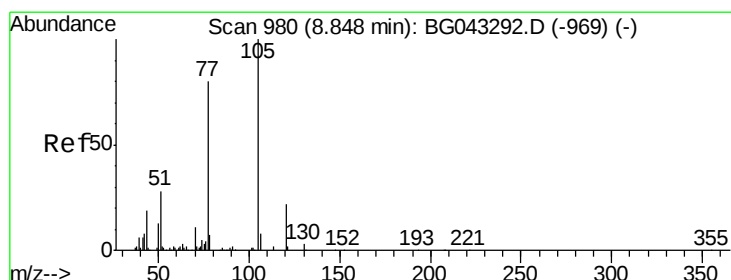
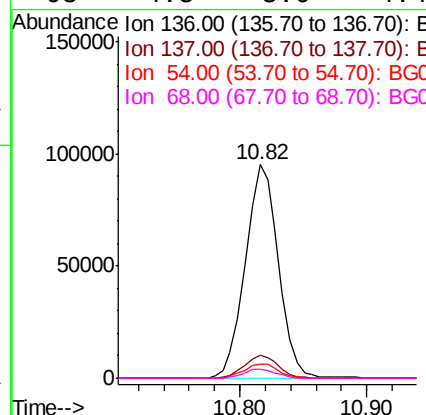
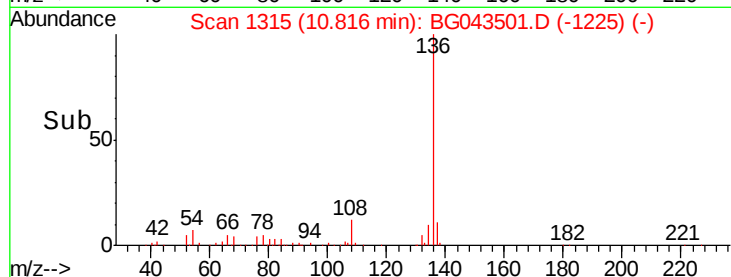
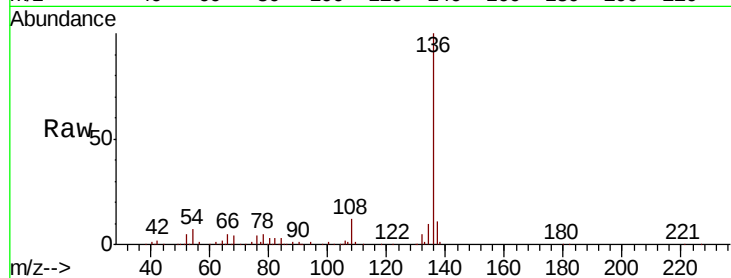
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 172062 |       |       |
| 137     | 10.9  | 8.7    | 13.1  |       |
| 54      | 6.5   | 5.4    | 8.2   |       |
| 68      | 4.5   | 3.0    | 4.4   |       |

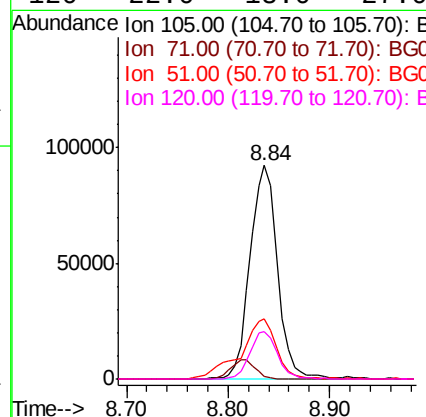
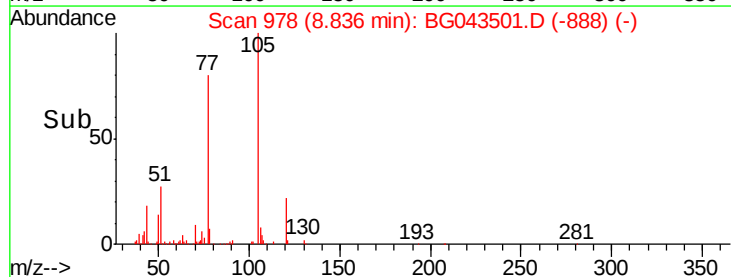
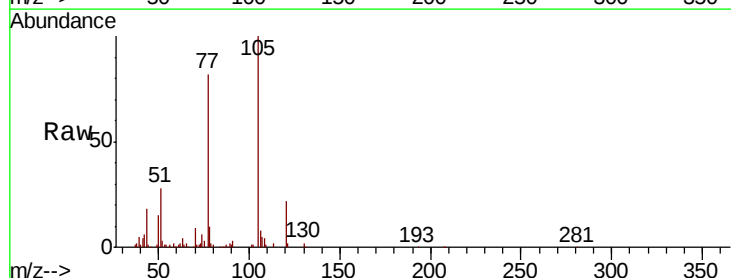
Manual Integrations  
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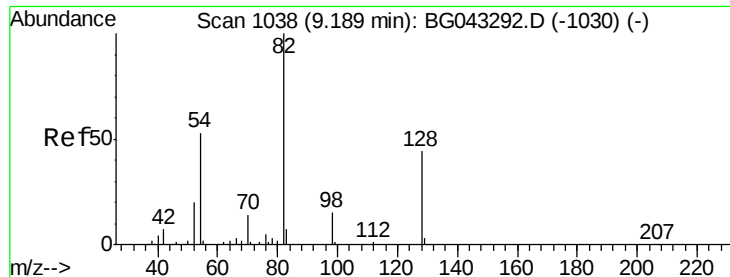
mohammad  
11/6/2019 8:40:58 AM



#22  
Acetophenone  
Concen: 39.348 ng  
RT: 8.84 min Scan# 978  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 173380 |       |       |
| 71      | 1.3   | 0.8    | 1.2   |       |
| 51      | 28.0  | 21.0   | 31.4  |       |
| 120     | 22.0  | 18.0   | 27.0  |       |





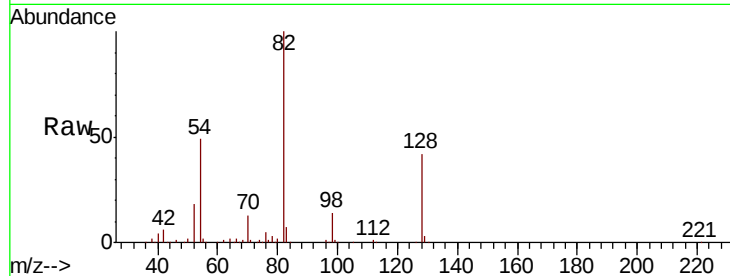
#23  
Nitrobenzene-d5  
Concen: 78.499 ng  
RT: 9.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 82   | Resp  | 261989 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 42.3 | 35.0  | 52.6   |
| 54        | 49.1 | 40.2  | 60.2   |

Manual Integrations  
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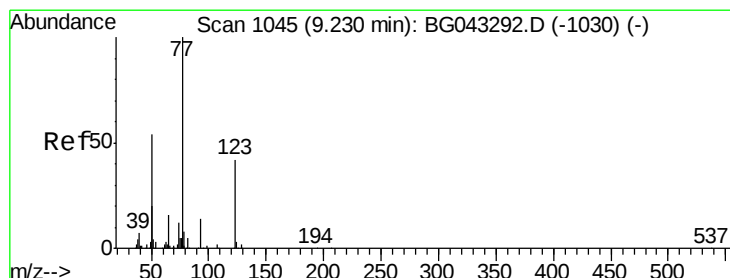
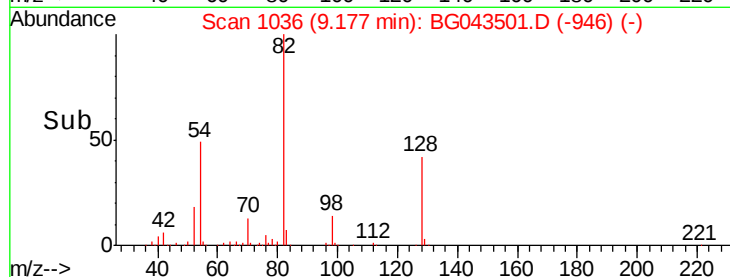
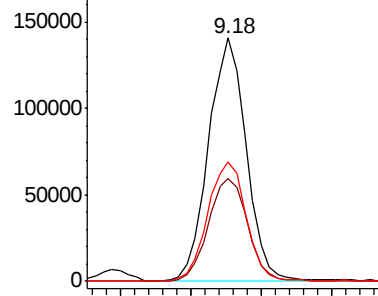


Abundance

Ion 82.00 (81.70 to 82.70): BGC

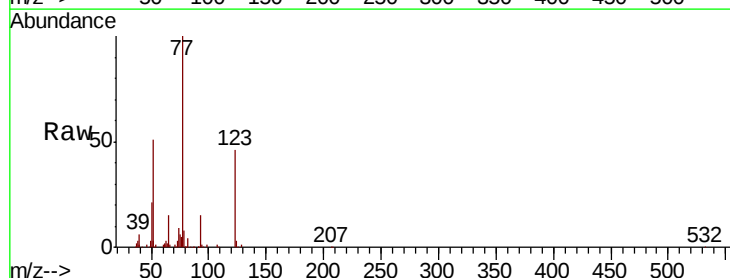
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24  
Nitrobenzene  
Concen: 39.462 ng  
RT: 9.22 min Scan# 1043  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion   | 77   | Resp  | 125462 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 100  |       |        |
| 123       | 46.1 | 35.0  | 52.6   |
| 65        | 15.2 | 9.5   | 14.3   |

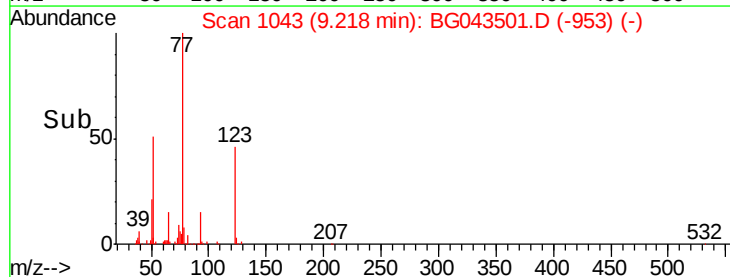
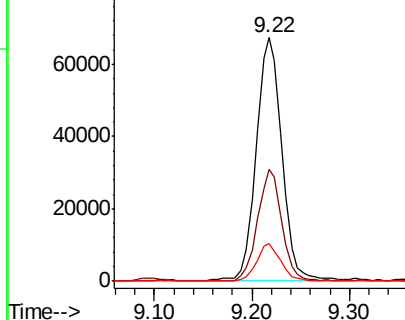


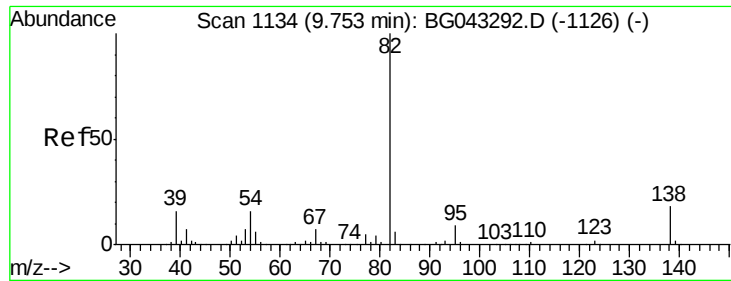
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.825 ng

RT: 9.74 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

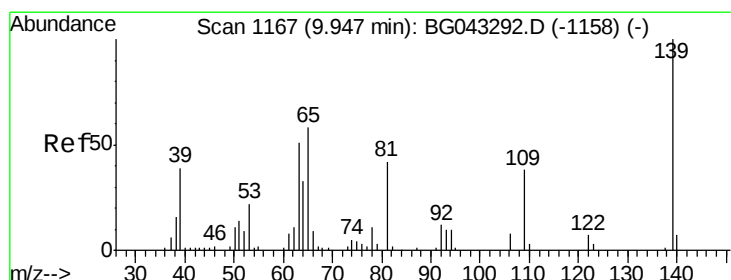
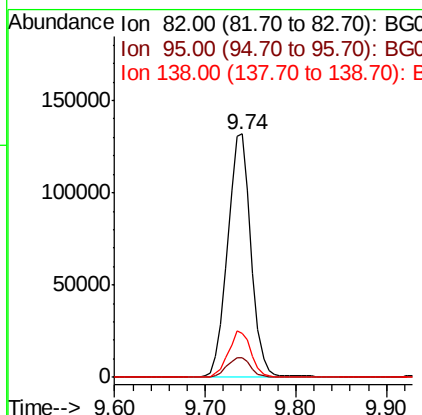
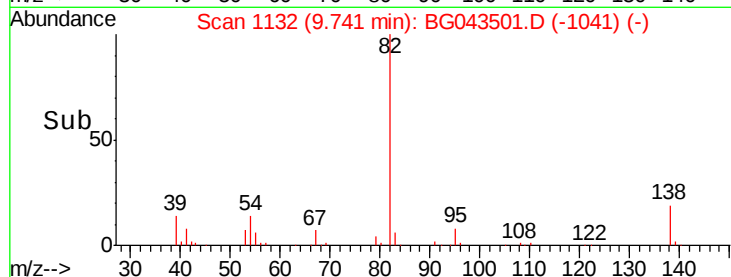
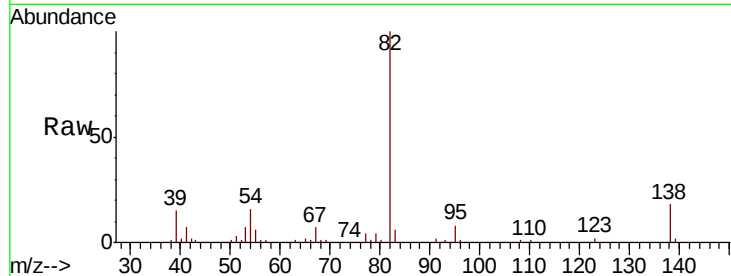
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 236905 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 8.0  | 6.6   | 9.8    |
| 138       | 18.2 | 15.2  | 22.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 40.877 ng

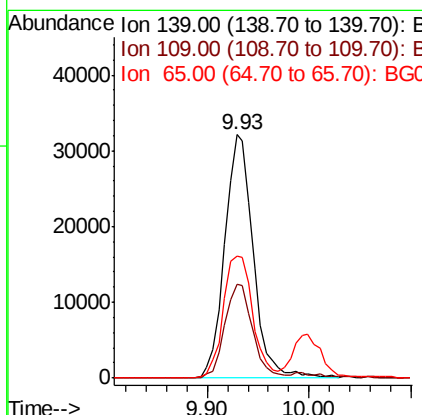
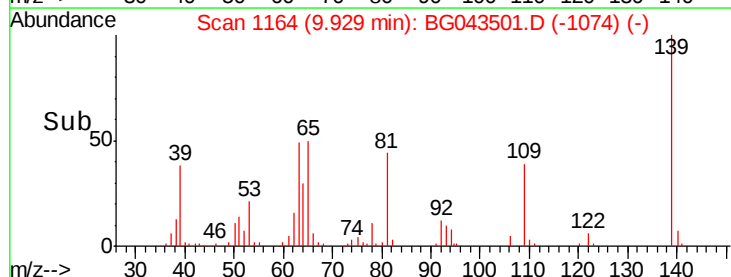
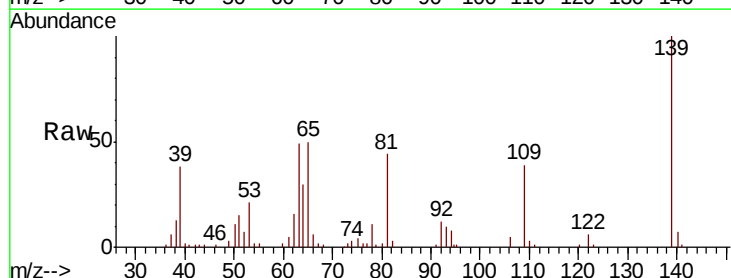
RT: 9.93 min Scan# 1164

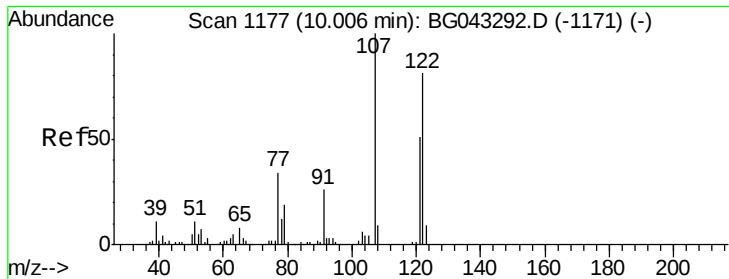
Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 62743 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 38.6 | 26.5  | 39.7  |
| 65        | 49.9 | 43.8  | 65.8  |





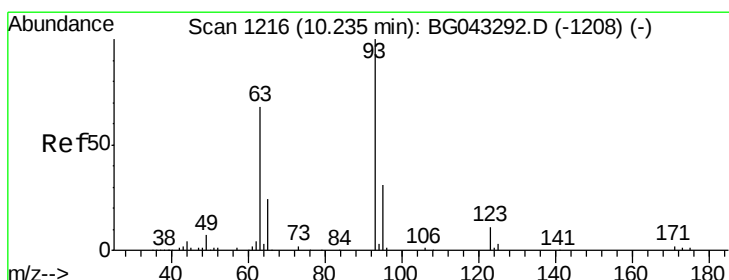
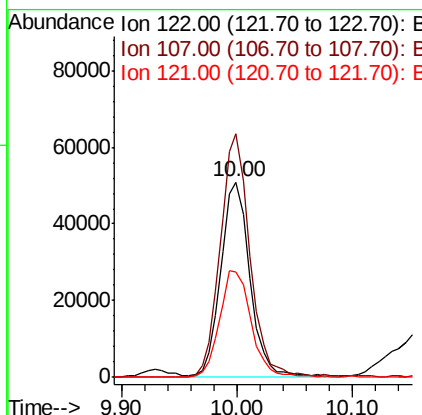
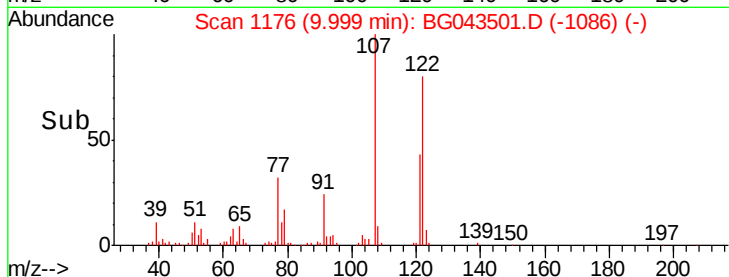
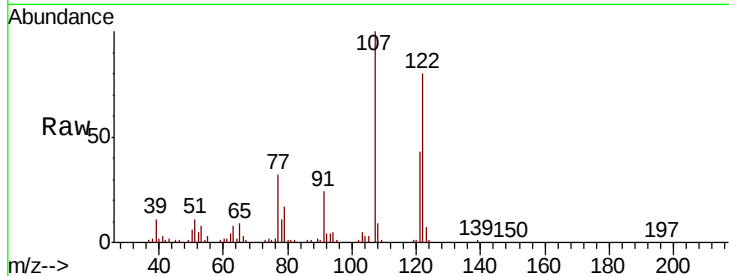
#27  
 2,4-Dimethylphenol  
 Concen: 40.882 ng  
 RT: 10.00 min Scan# 1176  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 107     | 124.7 | 104.4 | 156.6 |       |
| 121     | 54.1  | 47.2  | 70.8  |       |

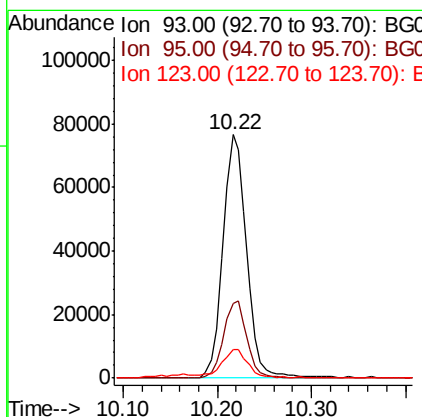
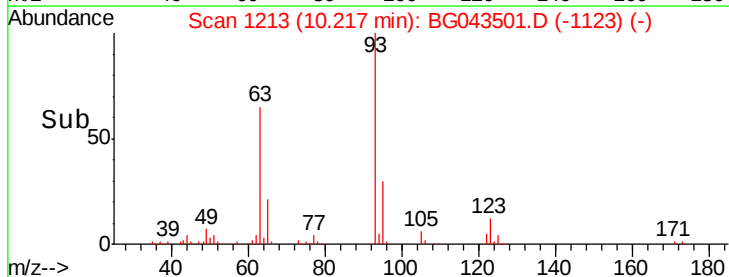
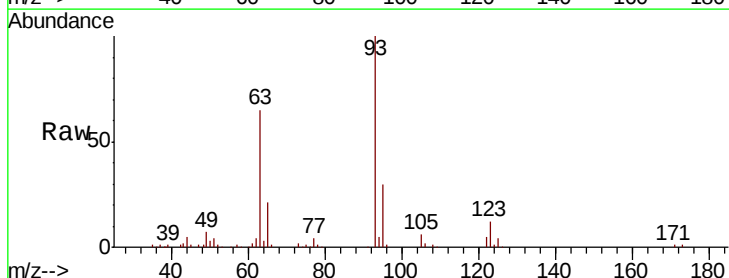
Manual Integrations  
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 11/6/2019 8:40:58 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.808 ng  
 RT: 10.22 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 93      | 100  |       |       |       |
| 95      | 30.5 | 26.0  | 39.0  |       |
| 123     | 11.7 | 10.6  | 15.8  |       |





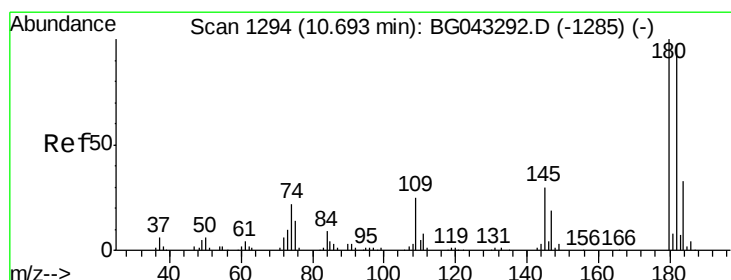
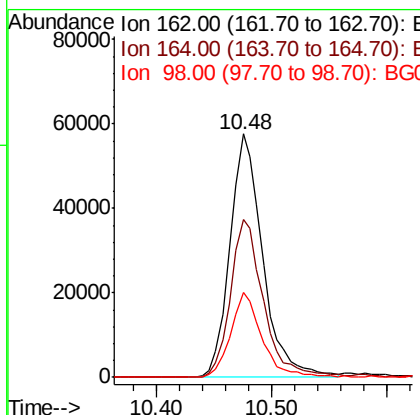
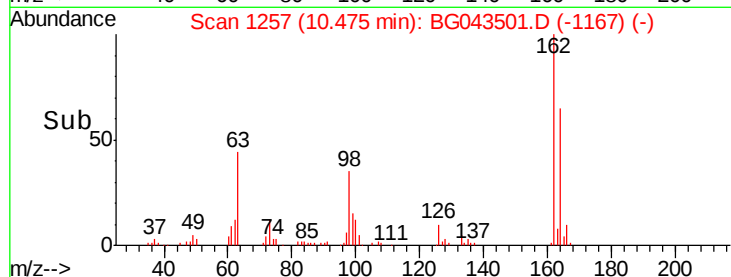
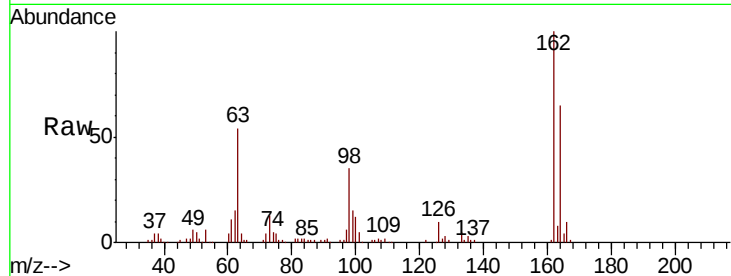
#29  
2,4-Dichlorophenol  
Concen: 40.176 ng  
RT: 10.48 min Scan# 1257  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 113245 |       |       |
| 164     | 65.0  | 48.9   | 88.9  |       |
| 98      | 35.0  | 15.1   | 55.1  |       |

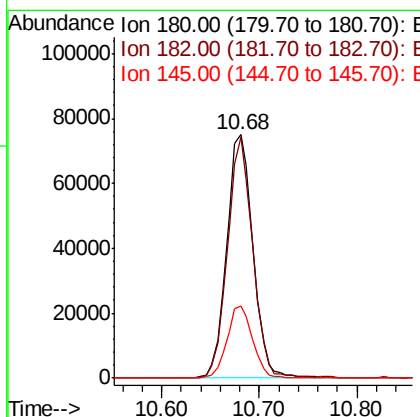
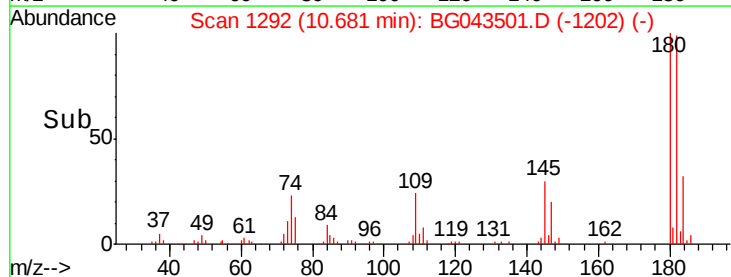
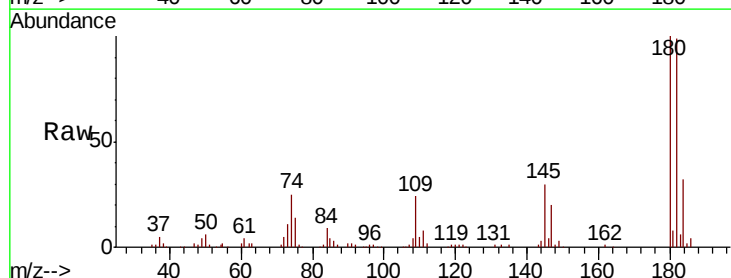
Manual Integrations  
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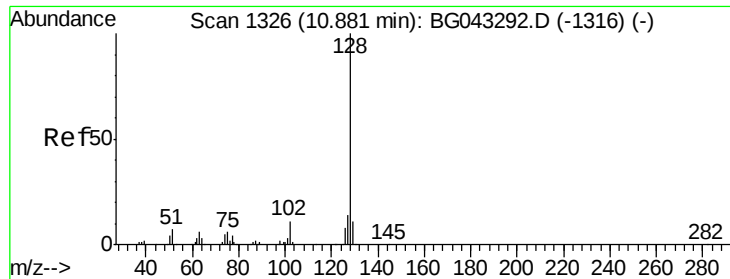
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.320 ng  
RT: 10.68 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 139690 |       |       |
| 182     | 99.0  | 75.1   | 112.7 |       |
| 145     | 29.8  | 23.9   | 35.9  |       |





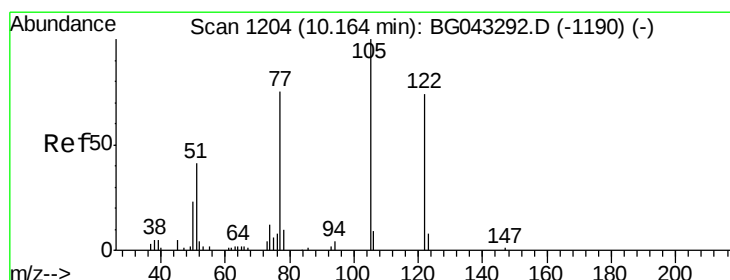
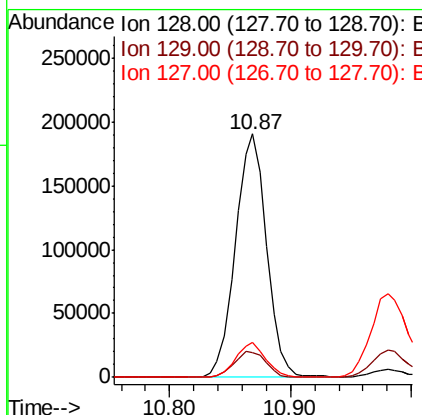
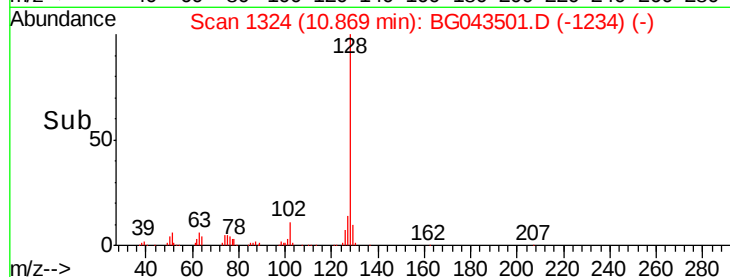
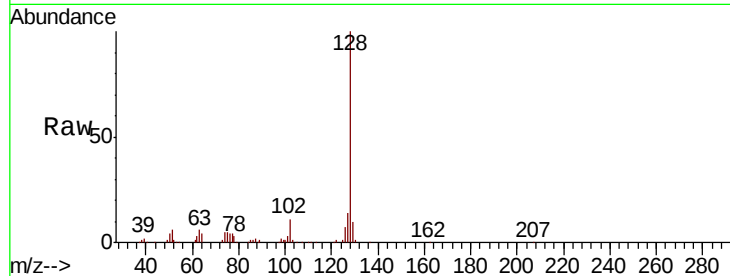
#31  
Naphthalene  
Concen: 39.224 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 9.4   | 14.0  |
| 127     | 14.2  | 11.1  | 16.7  |

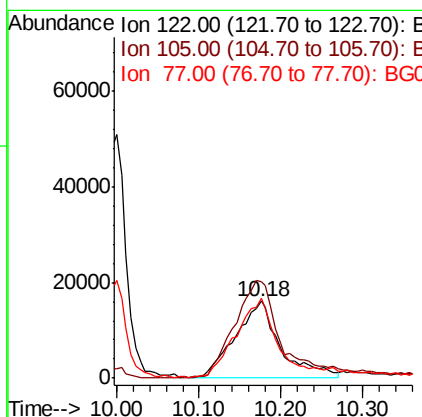
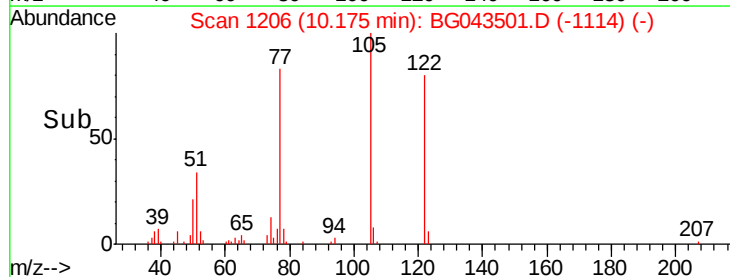
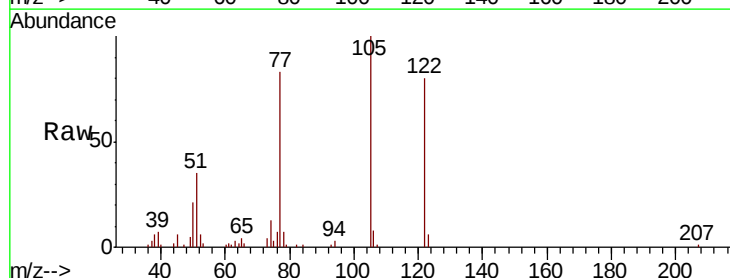
Manual Integrations  
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#32  
Benzoic acid  
Concen: 38.974 ng  
RT: 10.18 min Scan# 1206  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 124.9 | 103.3 | 143.3 |
| 77      | 104.0 | 84.9  | 124.9 |





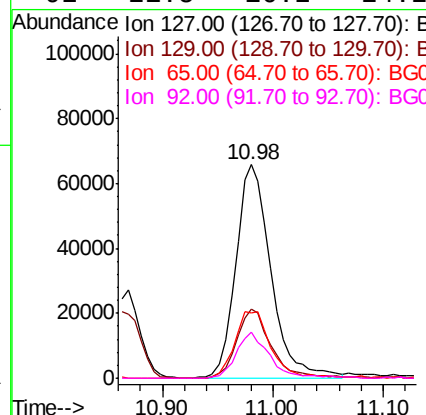
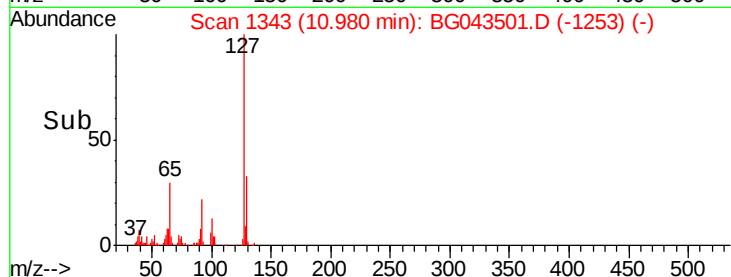
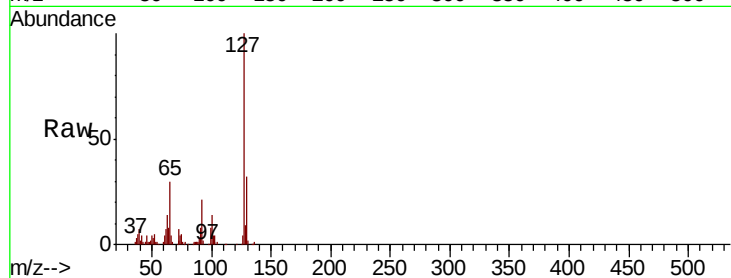
#33  
4-Chloroaniline  
Concen: 40.987 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.4 | 26.5  | 39.7 |       |       |
| 65      | 30.3 | 26.4  | 39.6 |       |       |
| 92      | 21.5 | 16.2  | 24.2 |       |       |

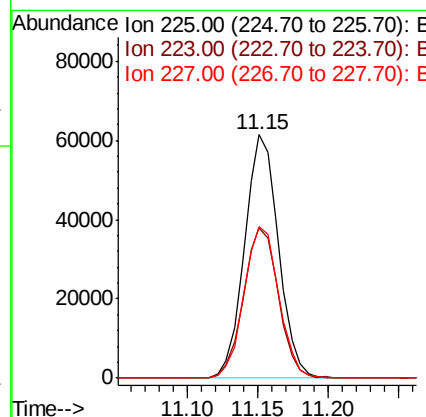
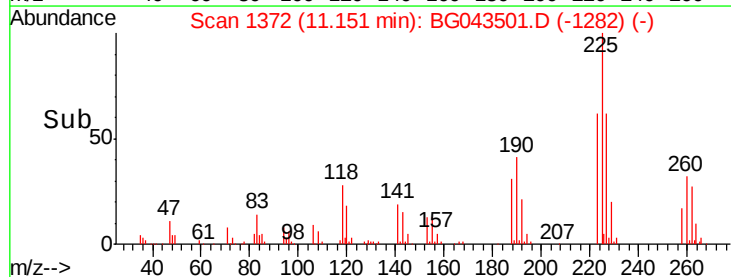
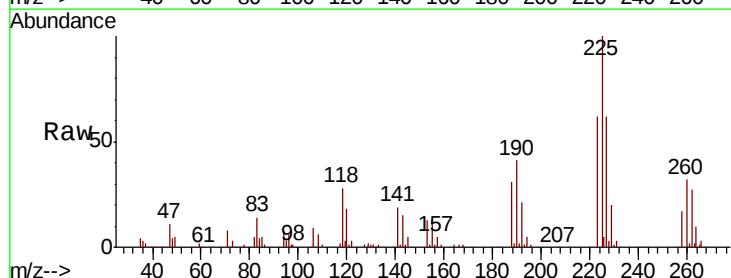
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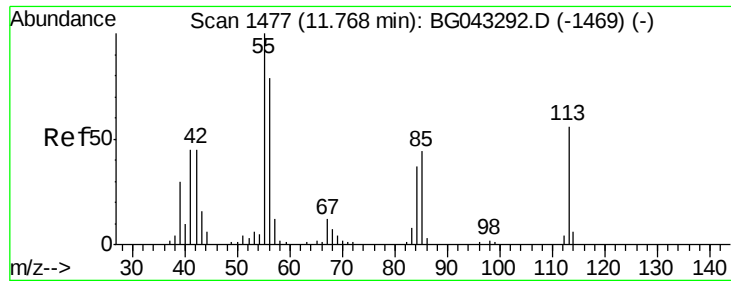
mohammad  
11/6/2019 8:40:58 AM



#34  
Hexachlorobutadiene  
Concen: 39.273 ng  
RT: 11.15 min Scan# 1372  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.7 | 52.7  | 79.1 |       |       |
| 227     | 62.2 | 54.8  | 82.2 |       |       |





#35

Caprolactam

Concen: 41.719 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

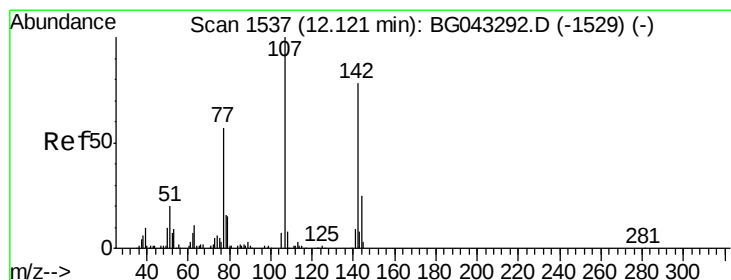
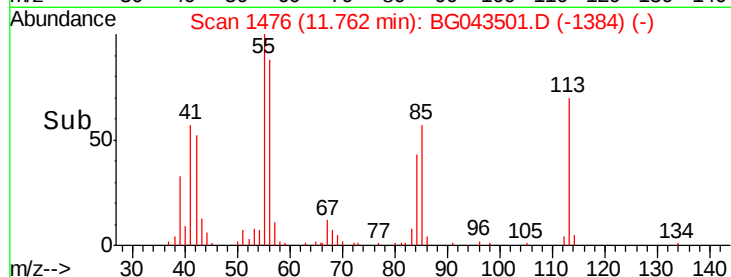
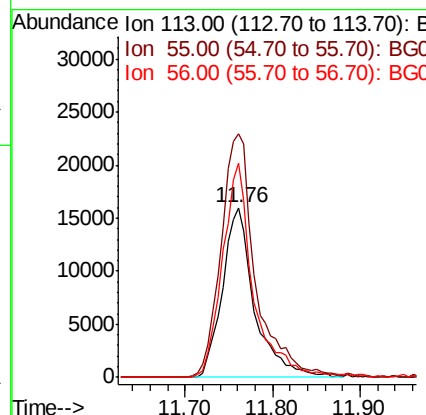
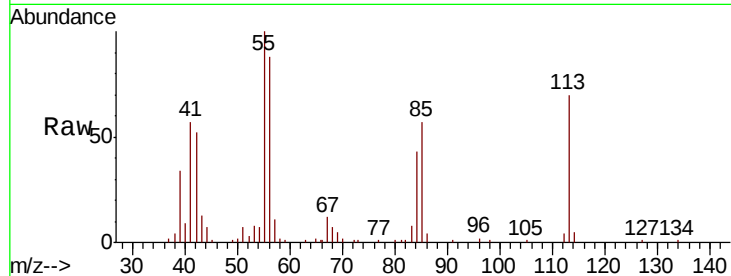
ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 40500  
 Ion Ratio Lower Upper  
 113 100  
 55 143.2 134.1 174.1  
 56 125.7 100.4 140.4

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#36

4-Chloro-3-methylphenol

Concen: 39.432 ng

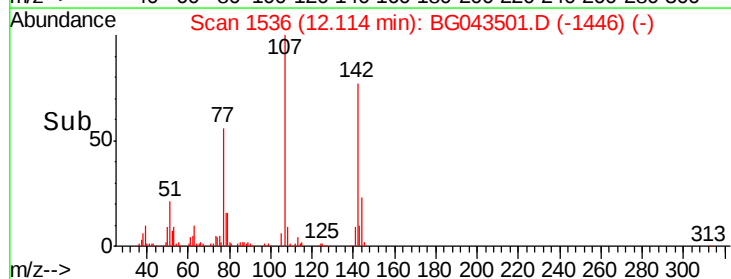
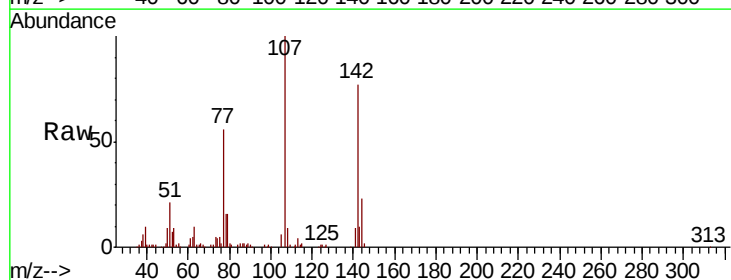
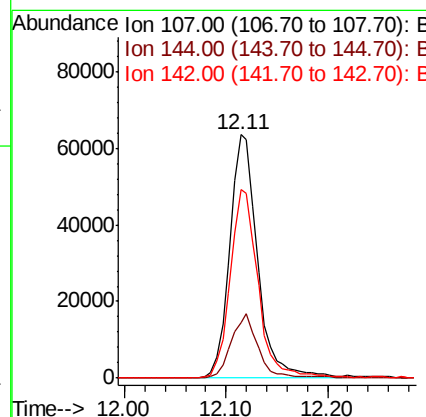
RT: 12.11 min Scan# 1536

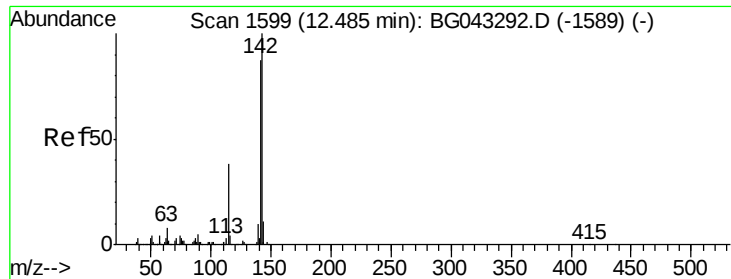
Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Tgt Ion:107 Resp: 121239  
 Ion Ratio Lower Upper  
 107 100  
 144 22.5 20.9 31.3  
 142 77.3 59.6 89.4





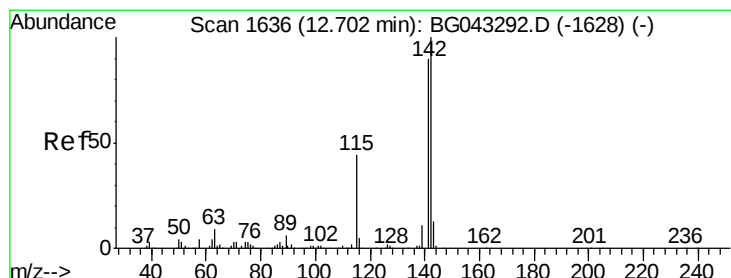
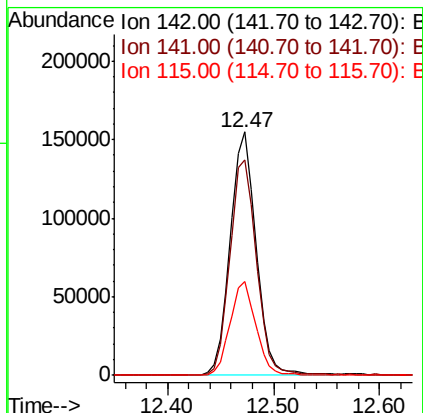
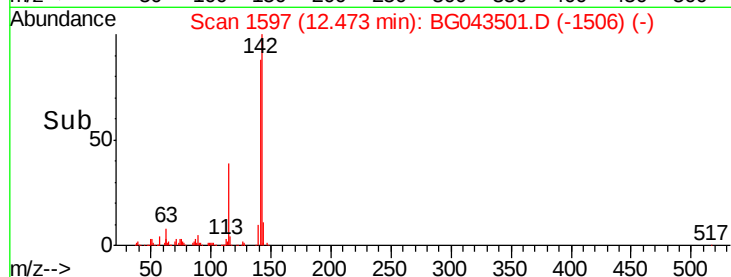
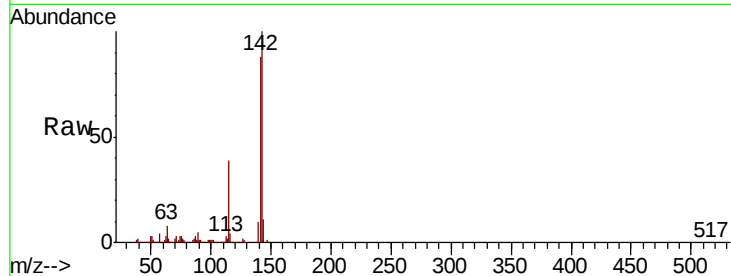
#37  
2-Methylnaphthalene  
Concen: 39.144 ng  
RT: 12.47 min Scan# 1597  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 72.2  | 108.2 |
| 115     | 38.6  | 33.2  | 49.8  |

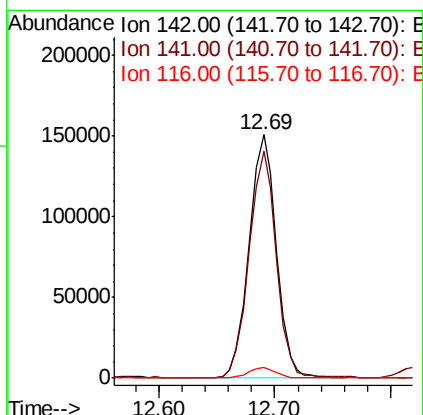
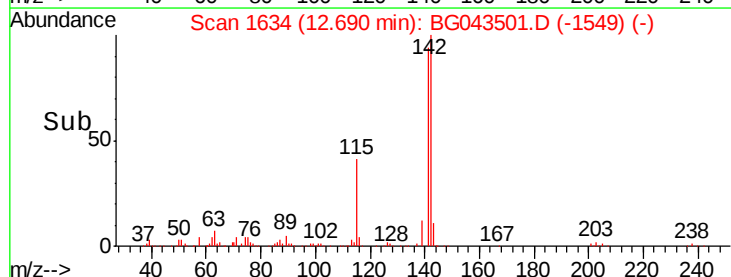
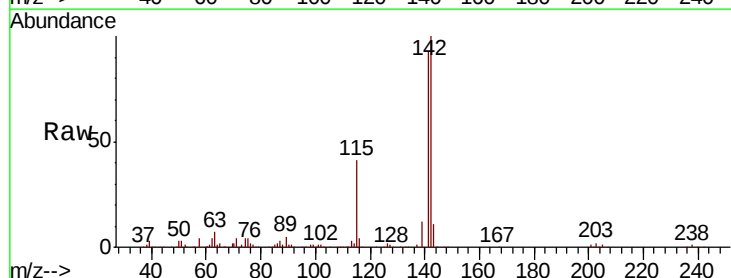
Manual Integrations  
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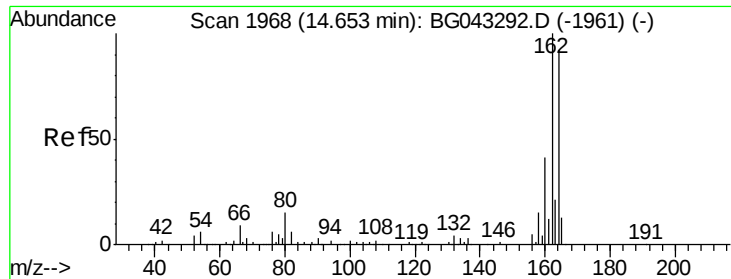
mohammad  
11/6/2019 8:40:58 AM



#38  
1-Methylnaphthalene  
Concen: 38.860 ng  
RT: 12.69 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.3  | 73.2  | 109.8 |
| 116     | 4.2   | 3.6   | 5.4   |





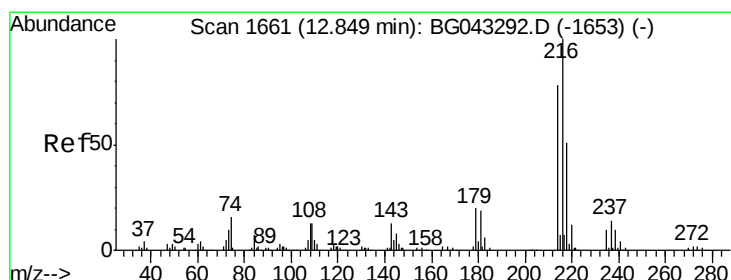
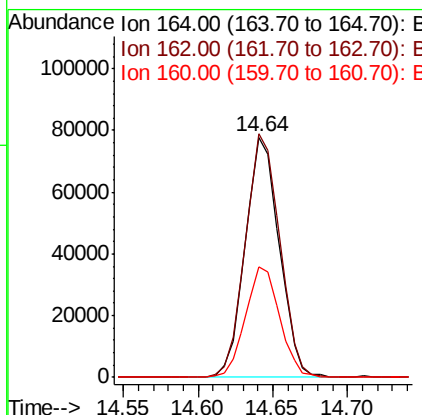
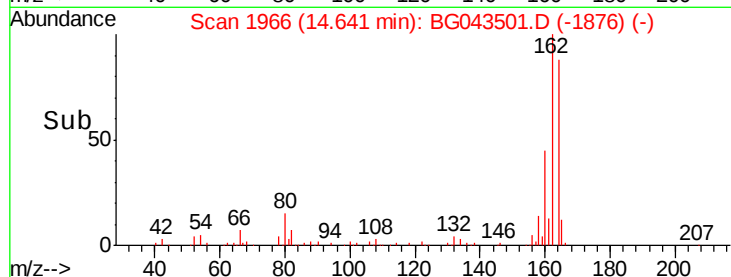
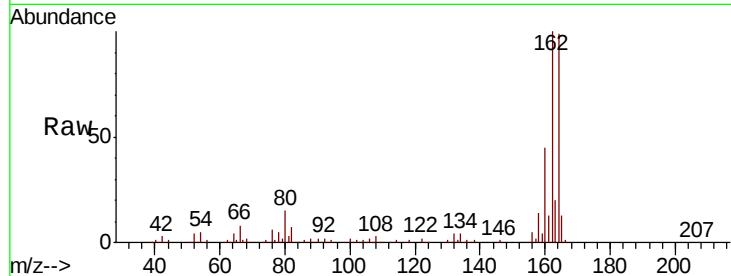
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.64 min Scan# 1966  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 83.5  | 125.3 |
| 160     | 46.1  | 36.5  | 54.7  |

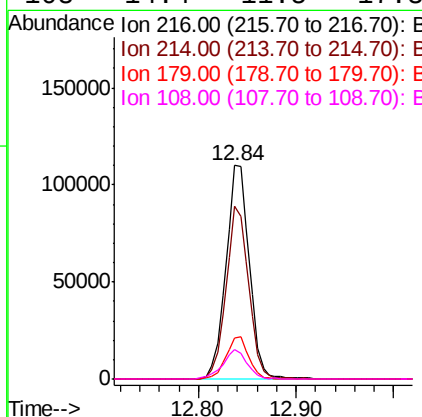
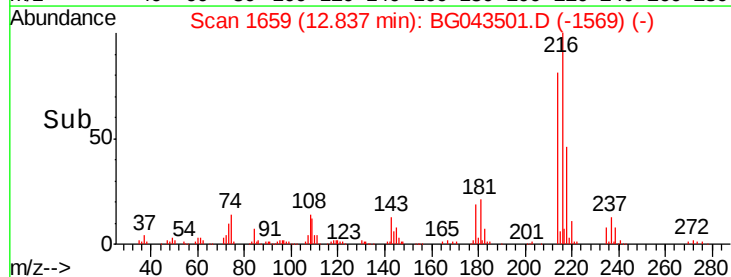
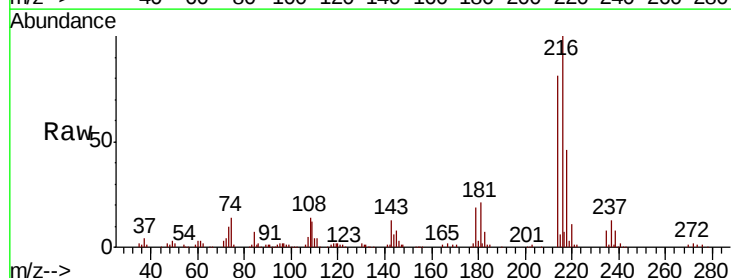
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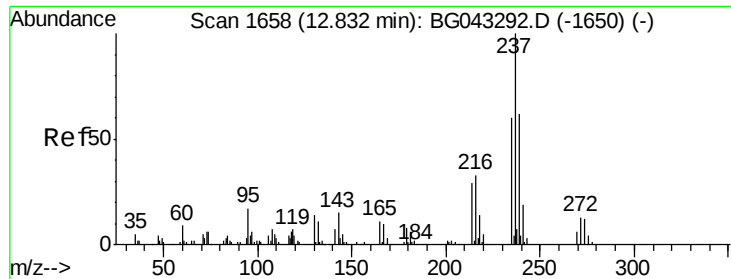
mohammad  
11/6/2019 8:40:58 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.191 ng  
RT: 12.84 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.2  | 61.7  | 92.5  |
| 179     | 19.1  | 15.8  | 23.8  |
| 108     | 14.4  | 11.5  | 17.3  |





#41

Hexachlorocyclopentadiene

Concen: 40.755 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

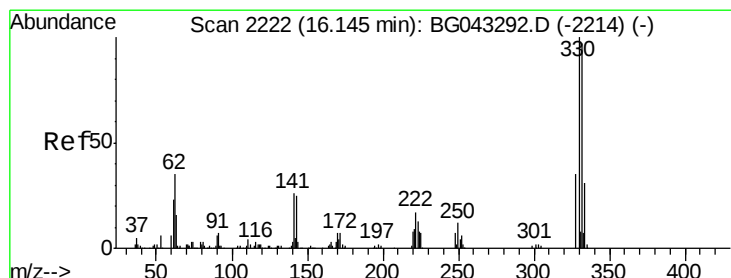
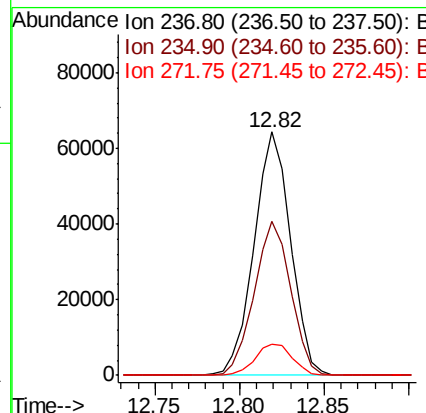
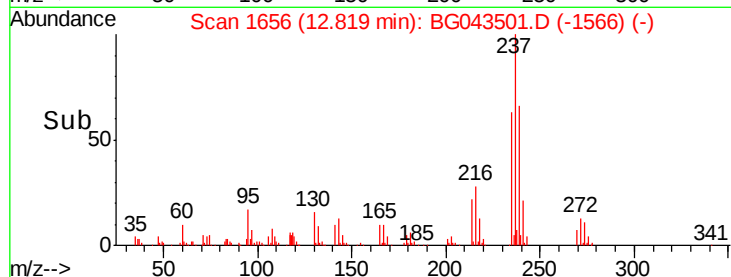
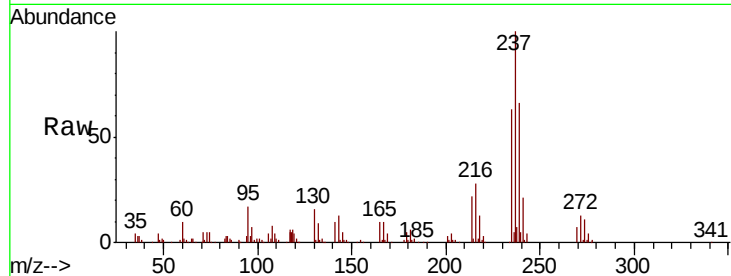
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 96856 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.2  | 41.6  | 81.6  |
| 272       | 12.9  | 0.0   | 32.5  |

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#42

2,4,6-Tribromophenol

Concen: 79.886 ng

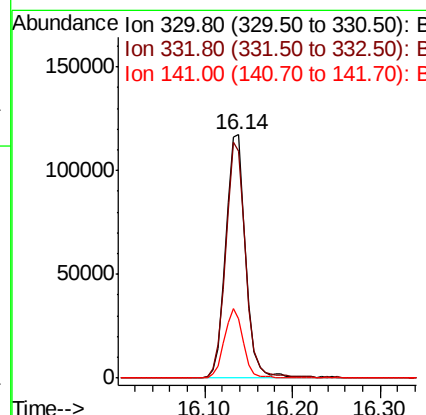
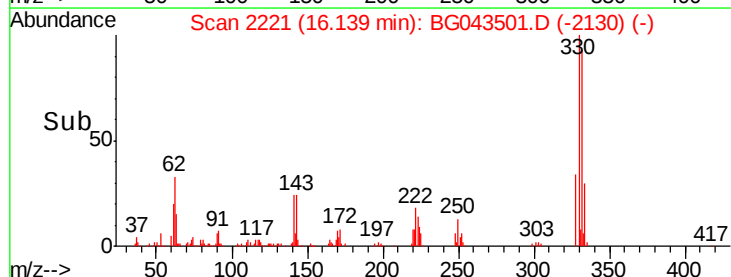
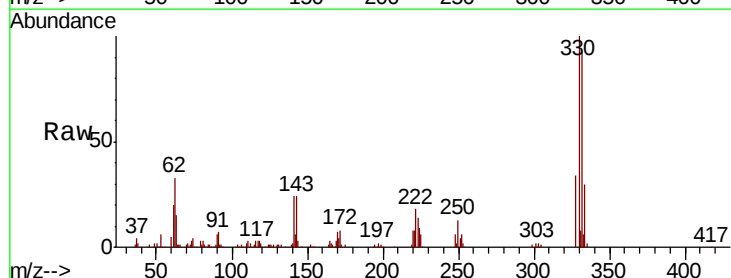
RT: 16.14 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 185842 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.7  | 77.4  | 116.0  |
| 141       | 27.3  | 22.8  | 34.2   |





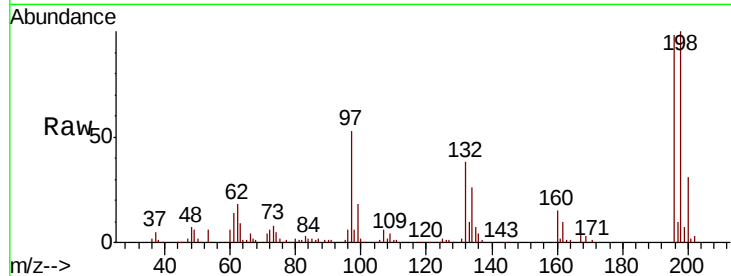
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.138 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 106939 |       |       |
| 198     | 101.8 | 75.8   | 113.6 |       |
| 200     | 31.7  | 23.9   | 35.9  |       |

Manual Integrations  
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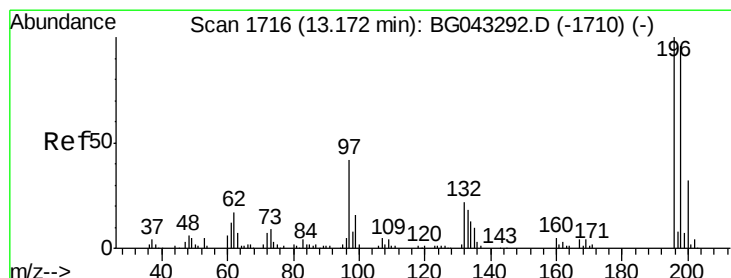
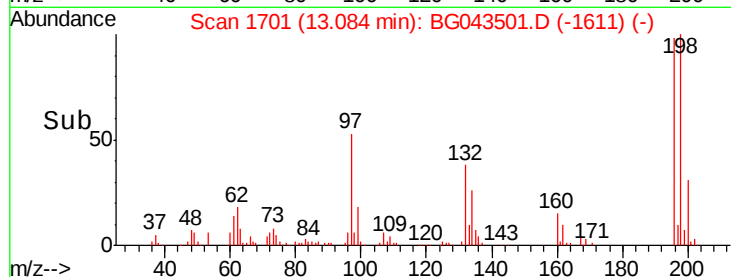
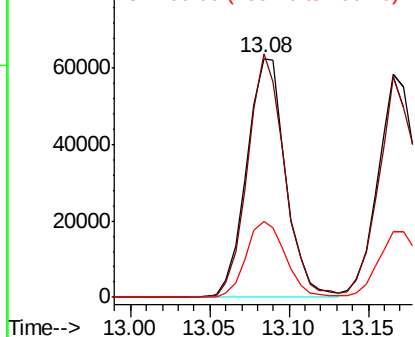


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.852 ng  
 RT: 13.17 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 107344 |       |       |
| 198     | 98.8  | 74.5   | 111.7 |       |
| 97      | 43.6  | 36.3   | 54.5  |       |
| 132     | 22.2  | 17.4   | 26.2  |       |

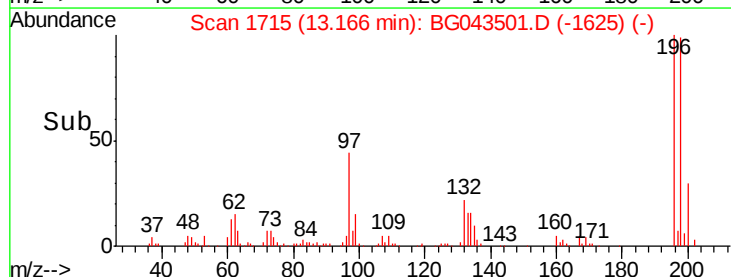
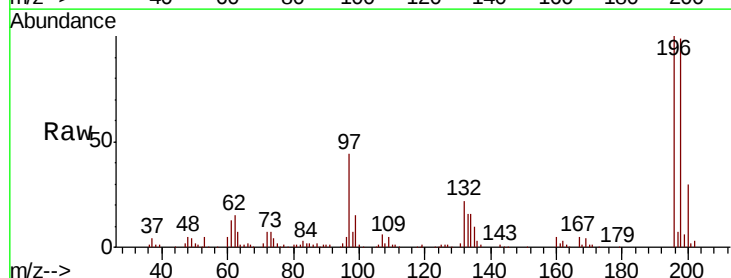
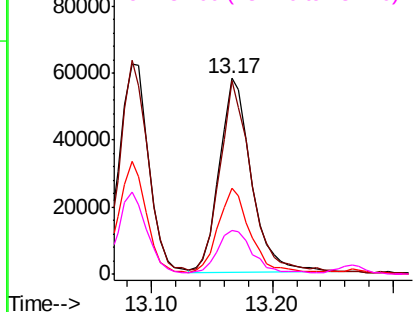
Abundance

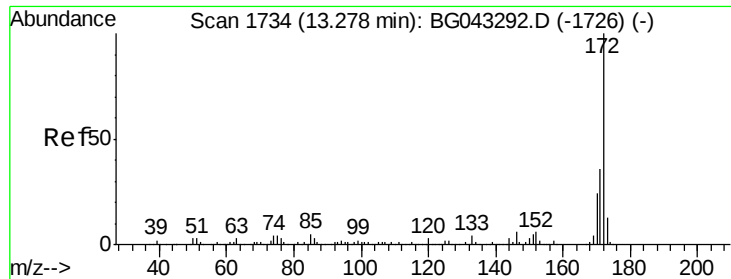
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





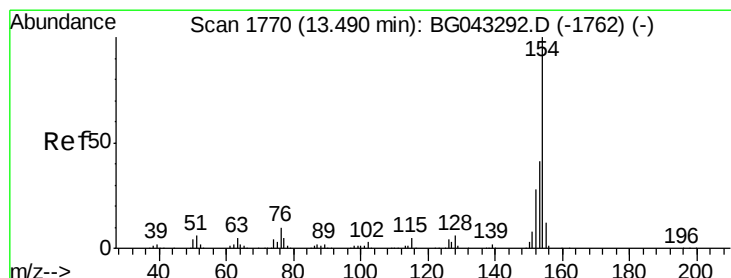
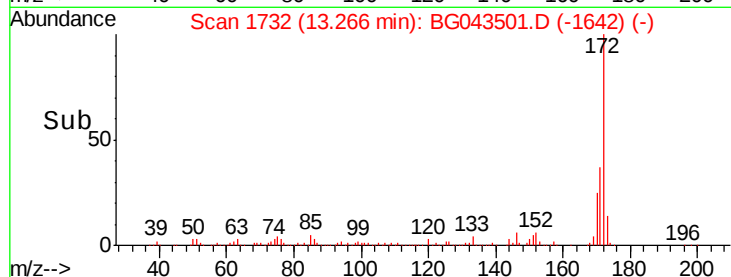
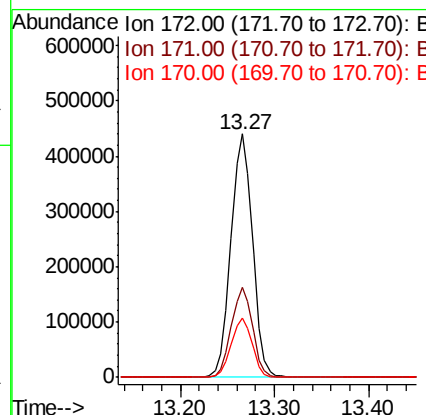
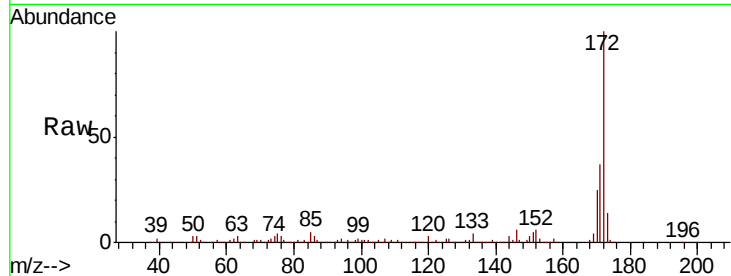
#45  
 2-Fluorobiphenyl  
 Concen: 79.359 ng  
 RT: 13.27 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 28.9  | 43.3  |
| 170     | 24.6  | 18.5  | 27.7  |

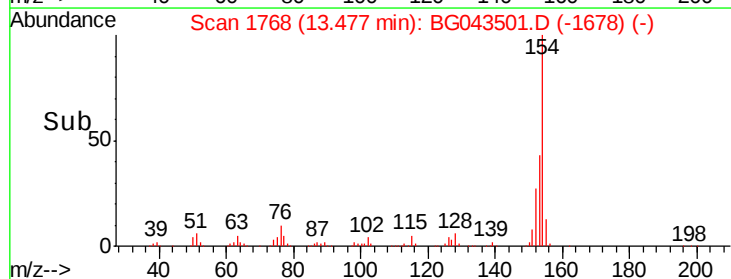
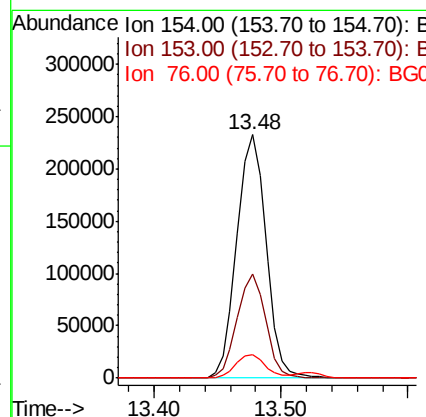
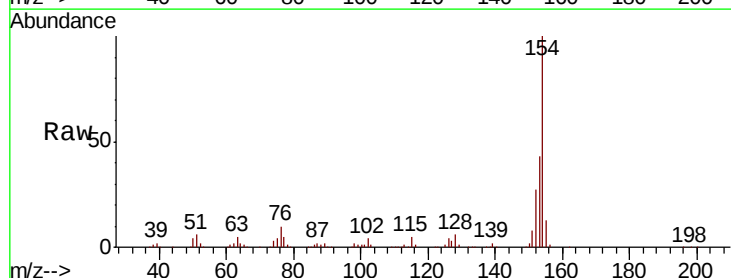
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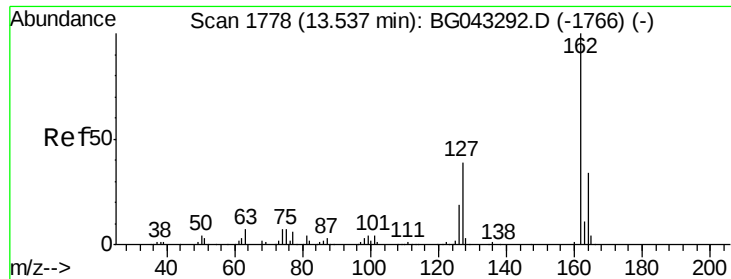
mohammad  
 11/6/2019 8:40:58 AM



#46  
 1,1'-Biphenyl  
 Concen: 40.078 ng  
 RT: 13.48 min Scan# 1768  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.8  | 19.9  | 59.9  |
| 76      | 9.6   | 0.0   | 29.4  |





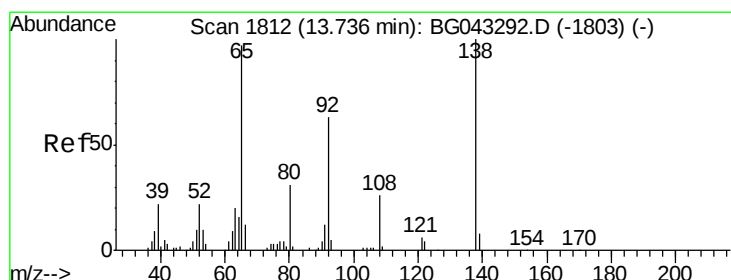
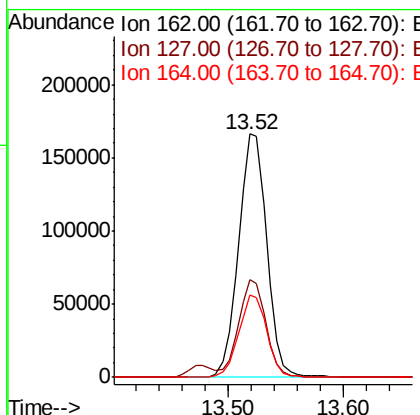
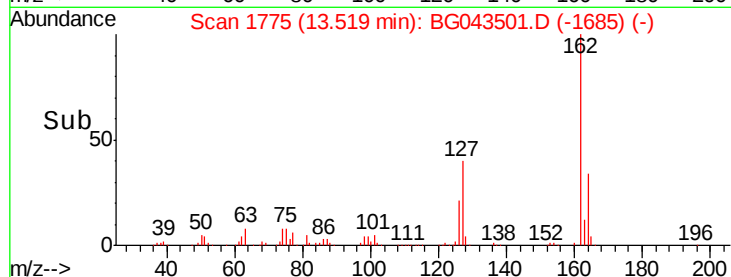
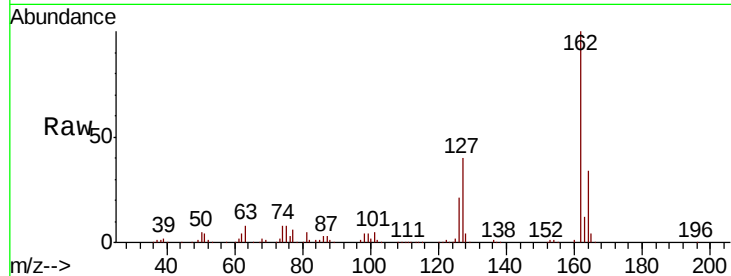
#47  
2-Chloronaphthalene  
Concen: 39.680 ng  
RT: 13.52 min Scan# 1775  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.1  | 31.2  | 46.8  |
| 164     | 33.6  | 25.8  | 38.8  |

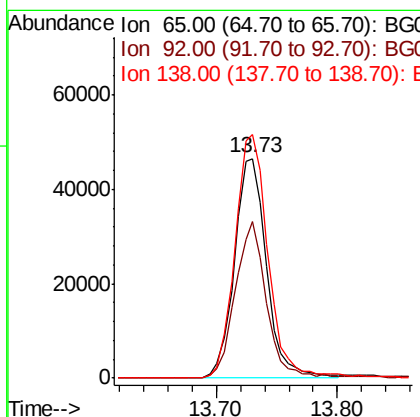
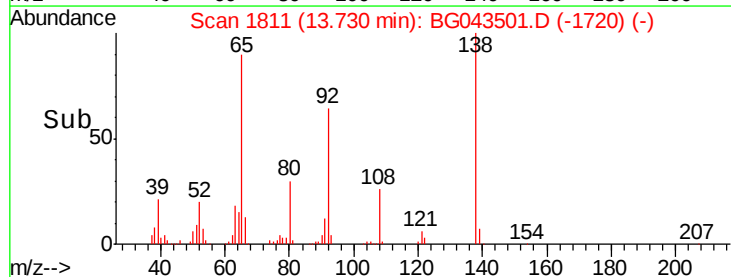
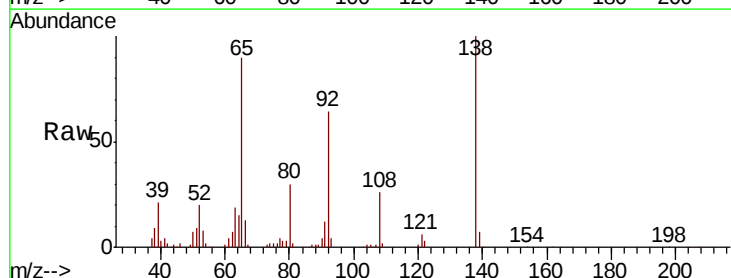
Manual Integrations  
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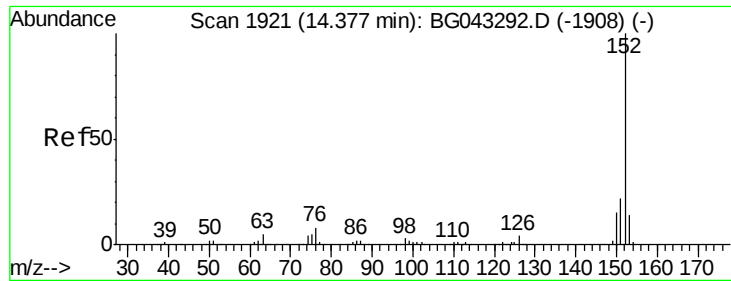
mohammad  
11/6/2019 8:40:58 AM



#48  
2-Nitroaniline  
Concen: 40.822 ng  
RT: 13.73 min Scan# 1811  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.5  | 56.2  | 84.2  |
| 138     | 110.9 | 82.6  | 123.8 |





#49

Acenaphthylene

Concen: 39.891 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

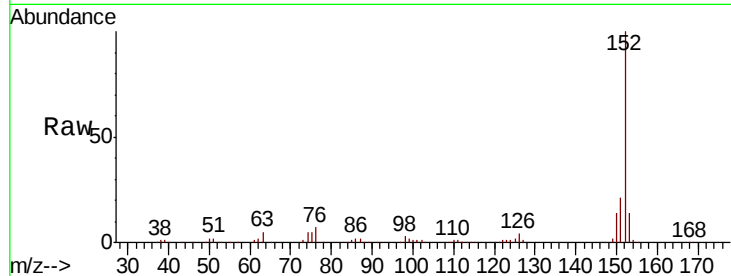
ClientSampleId :

SSTDCCC040

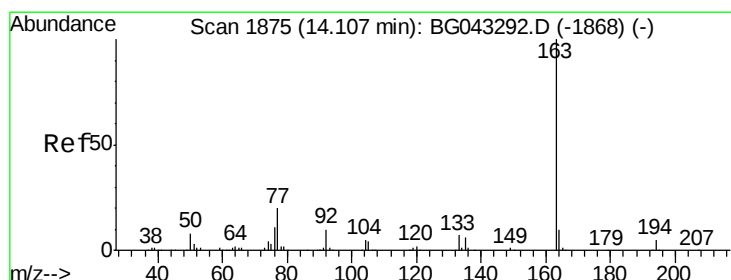
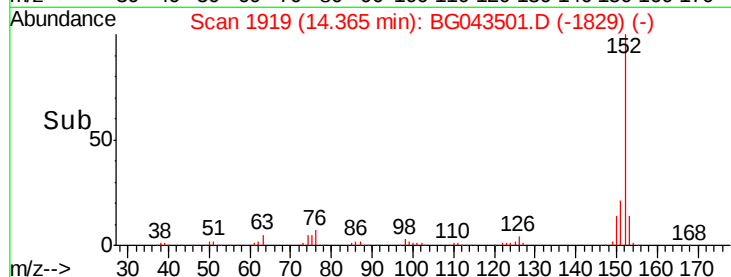
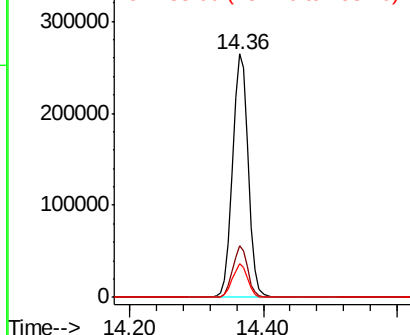
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 439307 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.0  | 16.2  | 24.4   |
| 153       | 13.6  | 10.6  | 15.8   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.092 ng

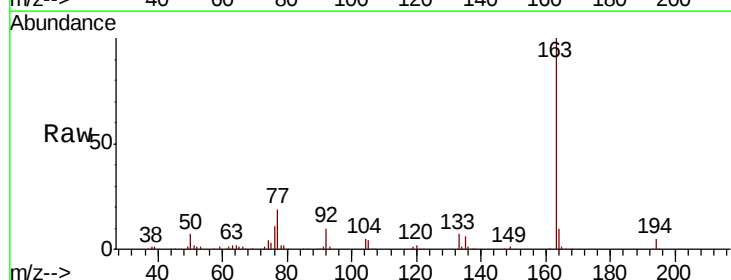
RT: 14.10 min Scan# 1874

Delta R.T. 0.01 min

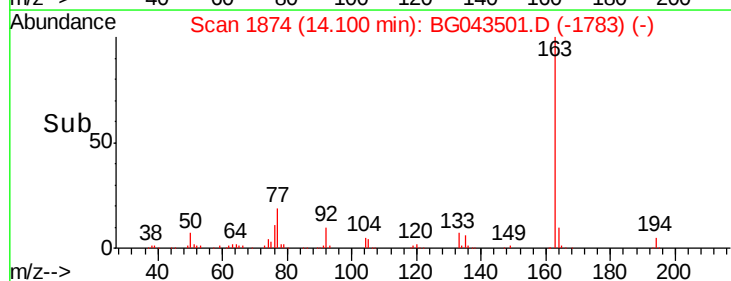
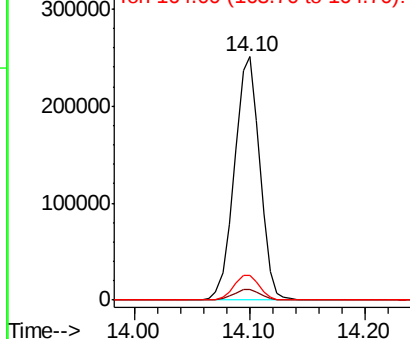
Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 379627 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.8   | 5.6    |
| 164       | 10.0  | 8.9   | 13.3   |



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





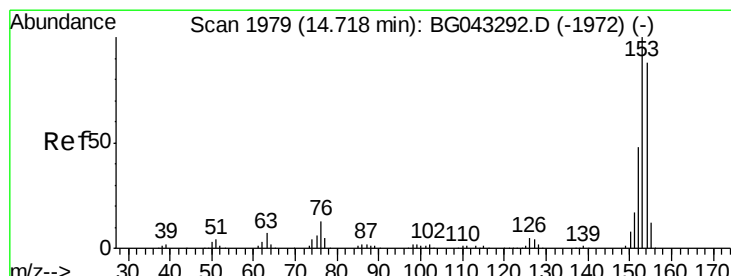
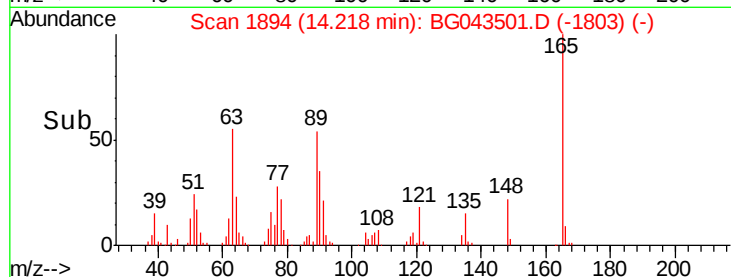
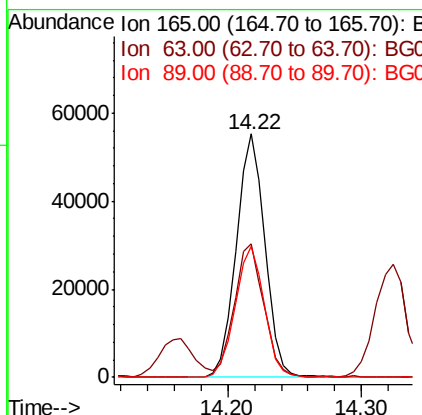
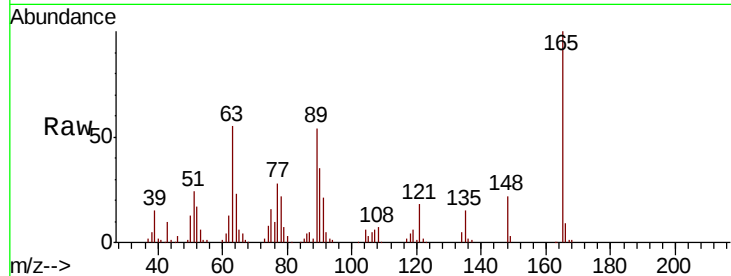
#51  
2,6-Dinitrotoluene  
Concen: 39.792 ng  
RT: 14.22 min Scan# 1894  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.0  | 46.6  | 69.8  |
| 89      | 54.0  | 45.1  | 67.7  |

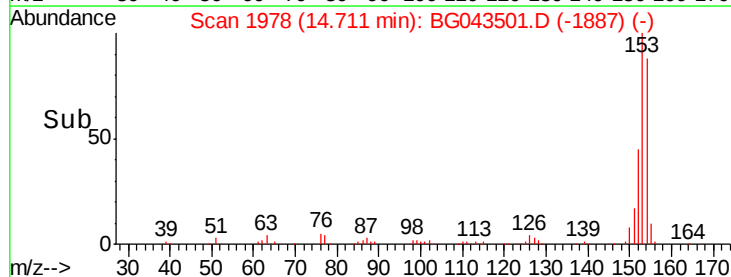
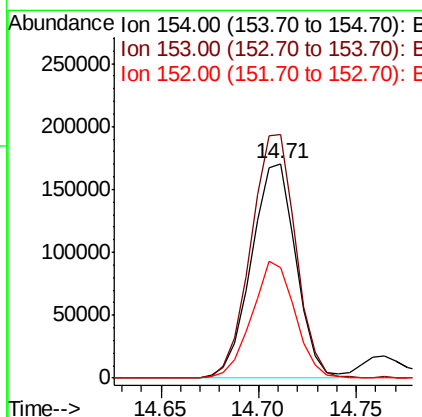
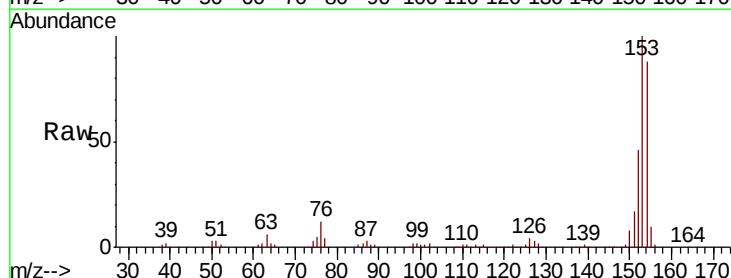
Manual Integrations  
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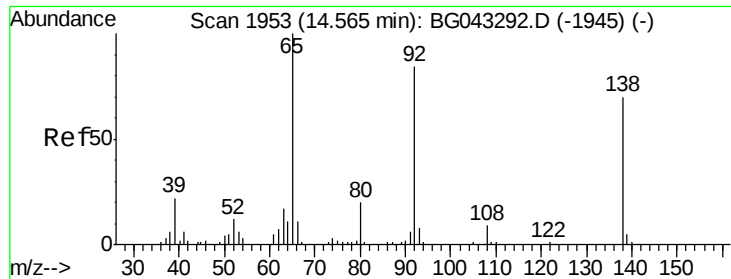
mohammad  
11/6/2019 8:40:58 AM



#52  
Acenaphthene  
Concen: 40.274 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.6 | 88.2  | 132.2 |
| 152     | 51.8  | 40.0  | 60.0  |





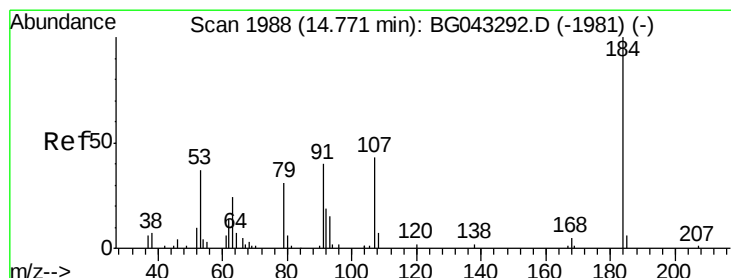
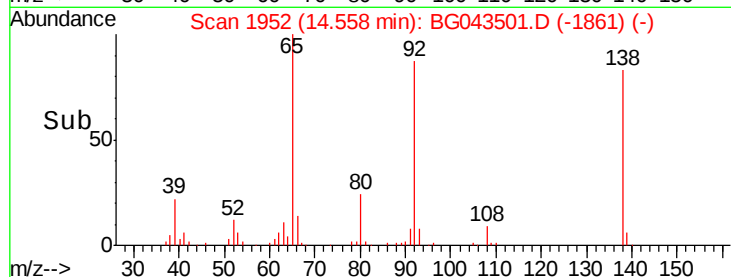
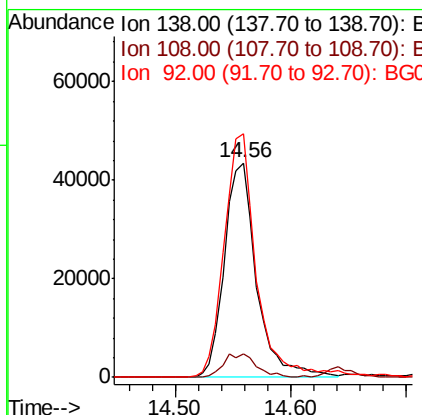
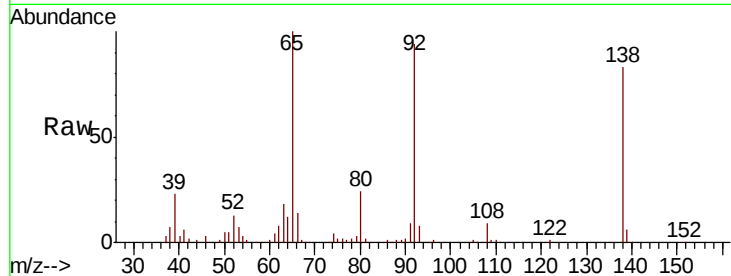
#53  
3-Nitroaniline  
Concen: 42.420 ng  
RT: 14.56 min Scan# 1952  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.0  | 8.0   | 12.0  |
| 92      | 113.6 | 90.9  | 136.3 |

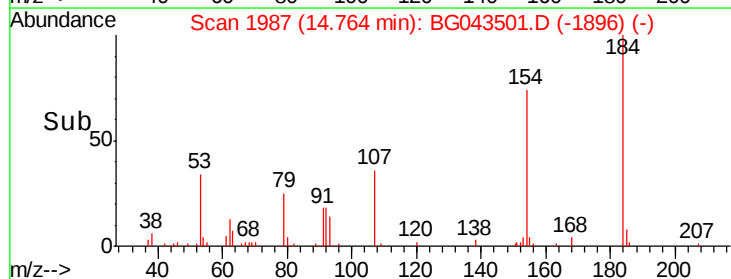
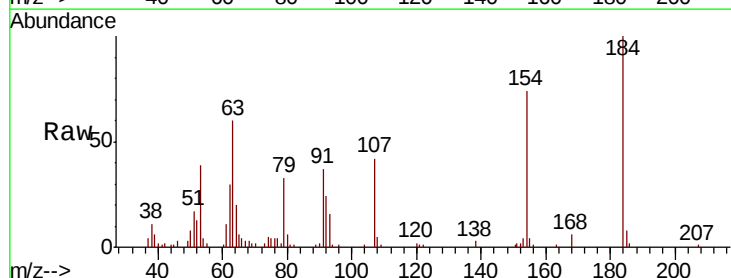
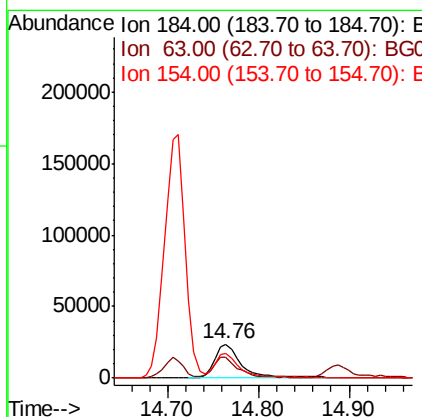
Manual Integrations  
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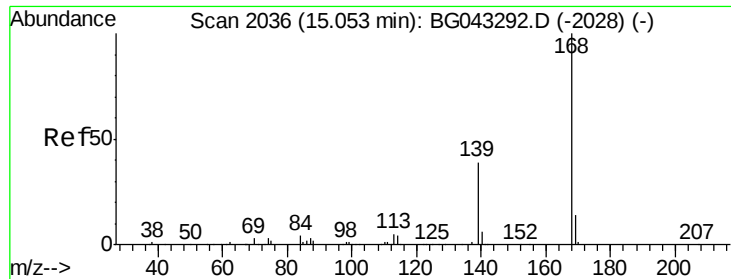
mohammad  
11/6/2019 8:40:58 AM



#54  
2,4-Dinitrophenol  
Concen: 42.326 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 60.1  | 51.3  | 76.9  |
| 154     | 74.3  | 55.4  | 83.0  |





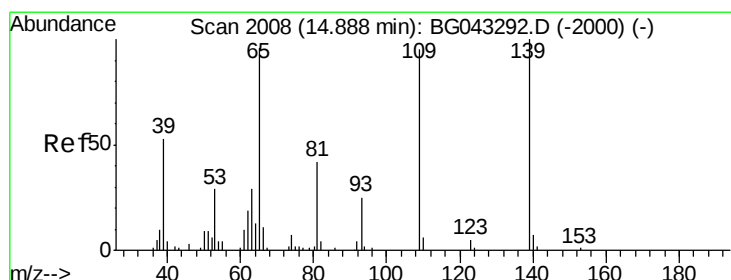
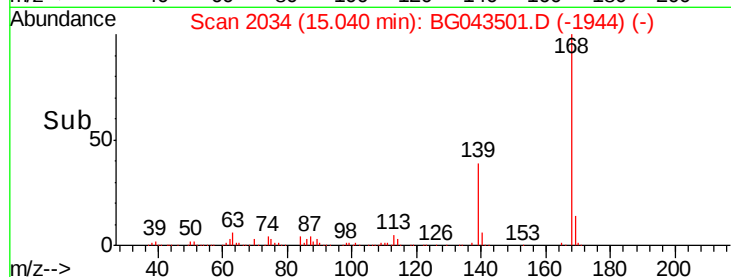
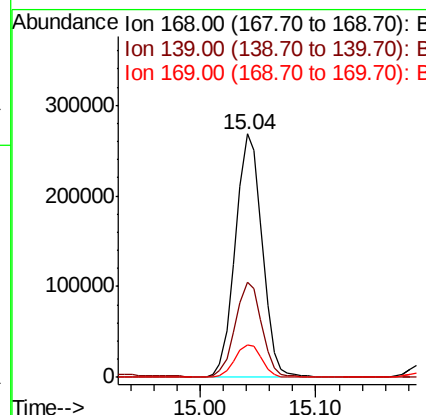
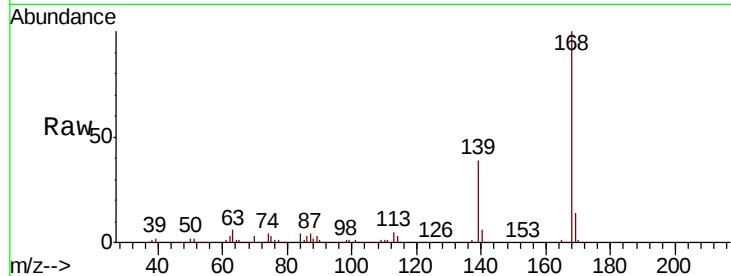
#55  
Dibenzenofuran  
Concen: 39.604 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.1  | 31.0  | 46.6  |
| 169     | 13.6  | 11.7  | 17.5  |

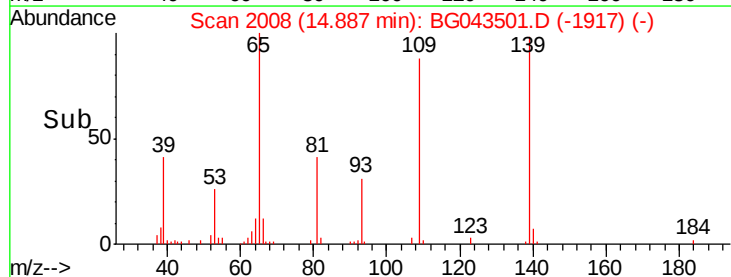
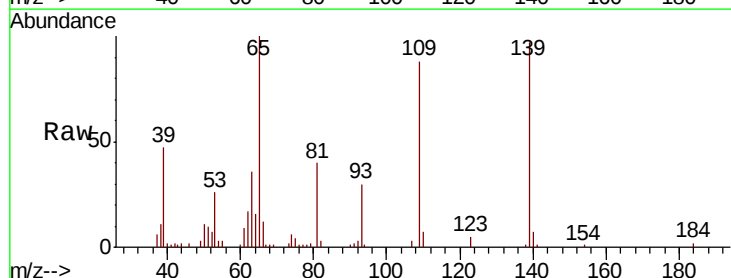
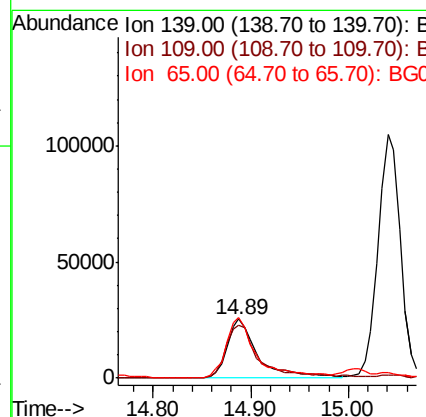
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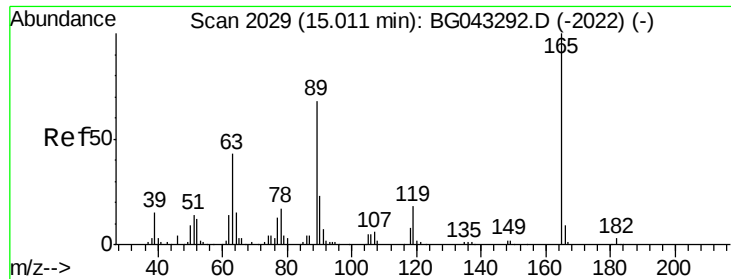
mohammad  
11/6/2019 8:40:58 AM



#56  
4-Nitrophenol  
Concen: 41.922 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 90.8  | 87.2  | 127.2 |
| 65      | 103.1 | 83.8  | 123.8 |





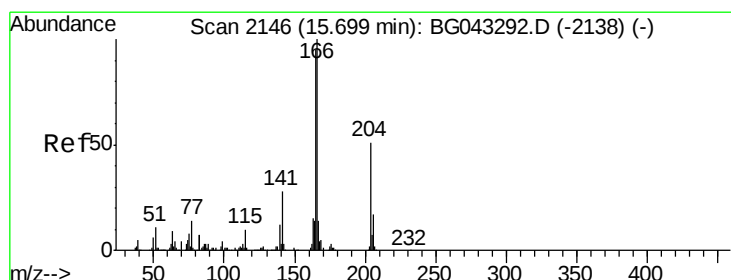
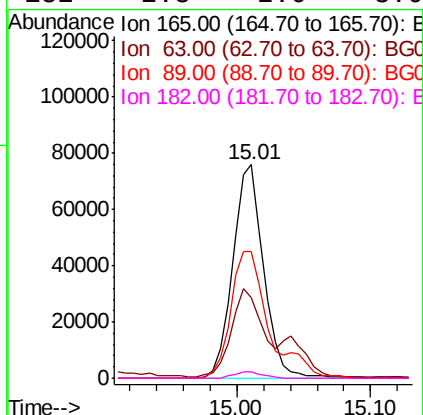
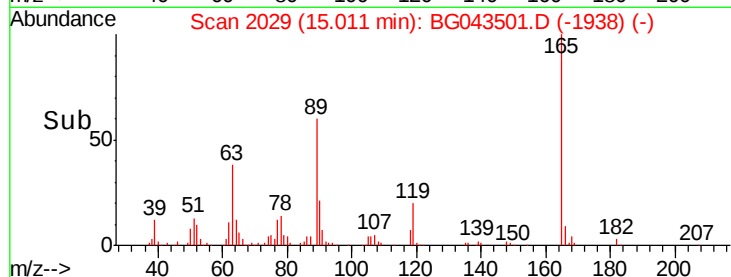
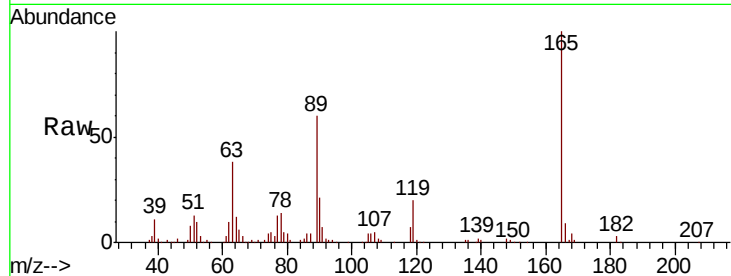
#57  
2,4-Dinitrotoluene  
Concen: 41.199 ng  
RT: 15.01 min Scan# 2029  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.9  | 33.2  | 49.8  |
| 89      | 59.6  | 52.2  | 78.4  |
| 182     | 2.8   | 2.0   | 3.0   |

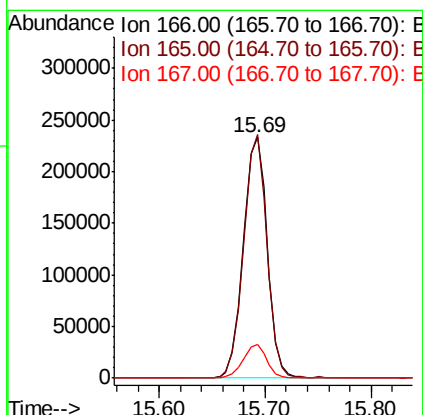
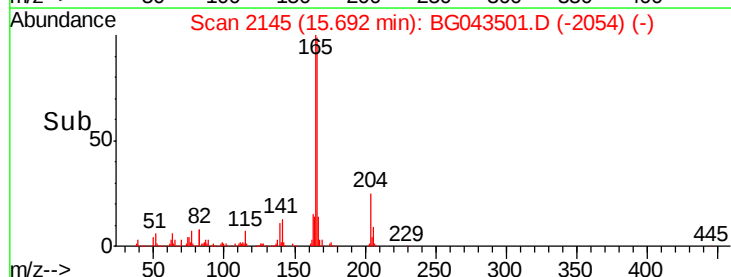
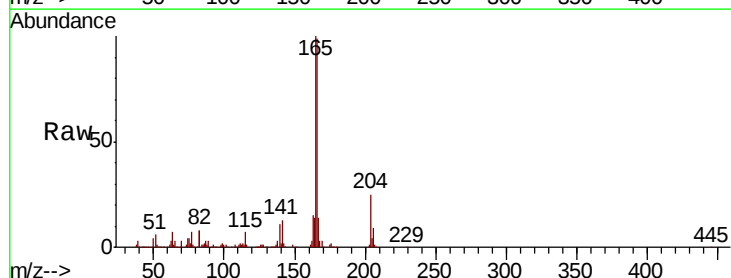
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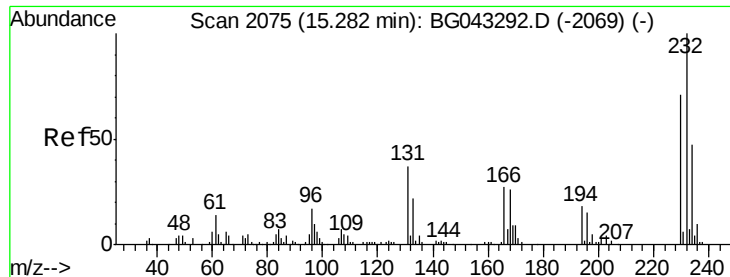
mohammad  
11/6/2019 8:40:58 AM



#58  
Fluorene  
Concen: 40.114 ng  
RT: 15.69 min Scan# 2146  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 101.1 | 79.0  | 118.6 |
| 167     | 14.0  | 10.5  | 15.7  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.420 ng

RT: 15.28 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

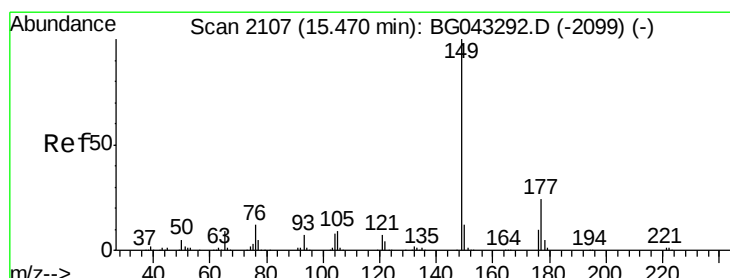
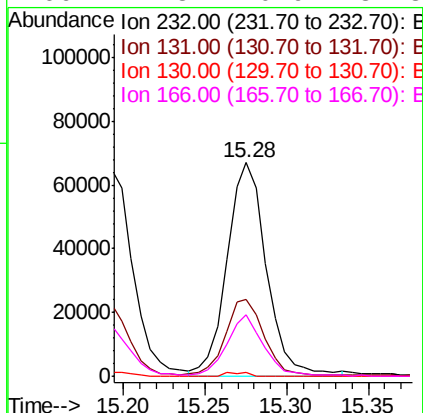
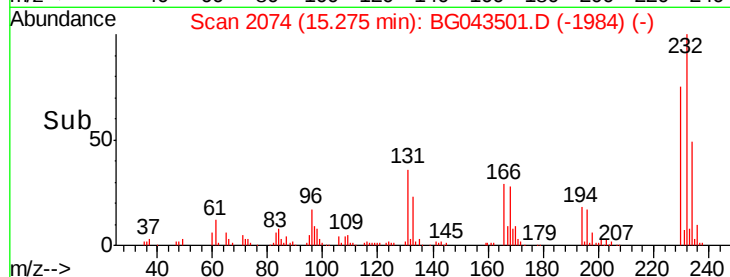
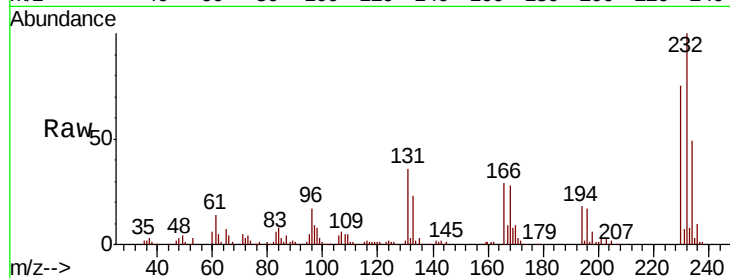
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 31.3  | 26.9 | 40.3  |       |
| 130     | 1.7   | 1.8  | 2.6   |       |
| 166     | 21.8  | 20.9 | 31.3  |       |

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#60

Diethylphthalate

Concen: 39.835 ng

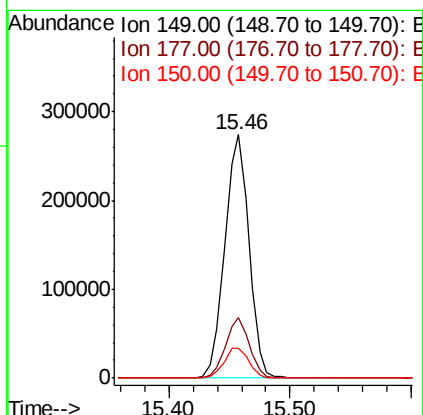
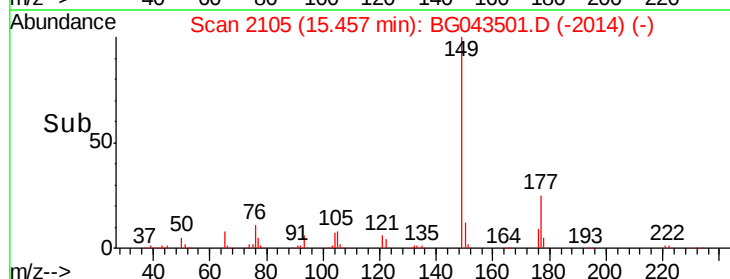
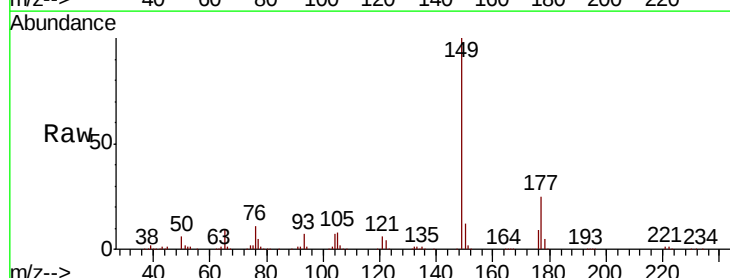
RT: 15.46 min Scan# 2105

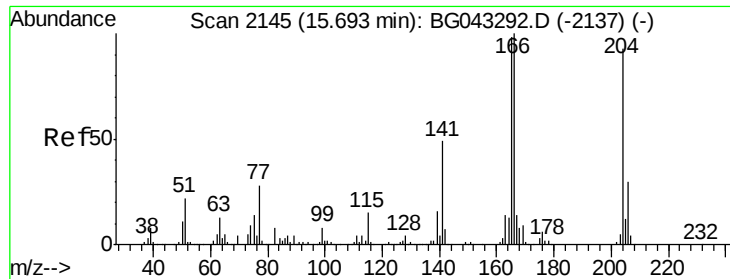
Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 177     | 24.6  | 19.6 | 29.4  |       |
| 150     | 12.4  | 10.8 | 16.2  |       |





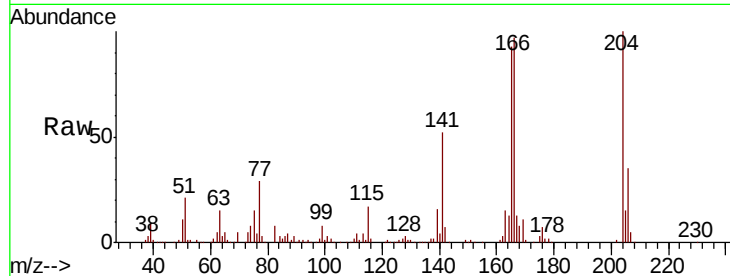
#61  
4-Chlorophenyl-phenylether  
Concen: 39.963 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.0  | 28.4  | 42.6  |
| 141     | 52.1  | 43.0  | 64.6  |

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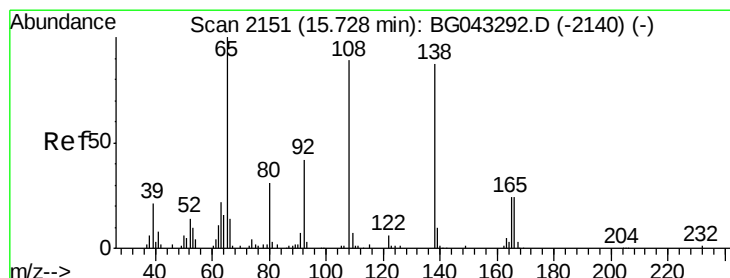
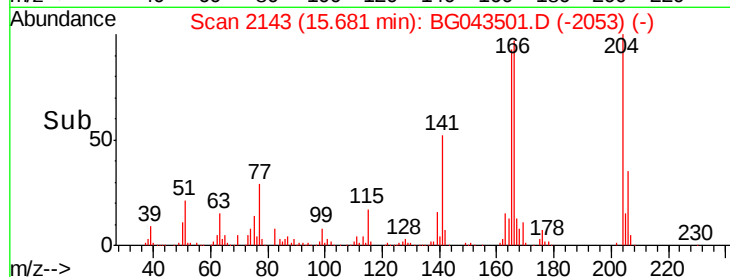
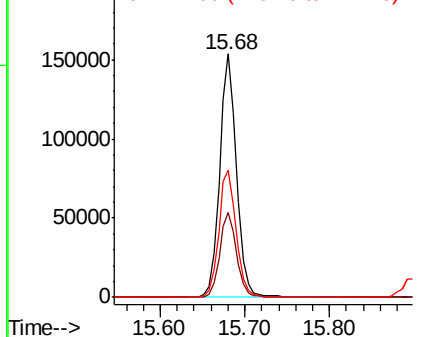


Abundance

Ion 204.00 (203.70 to 204.70): E

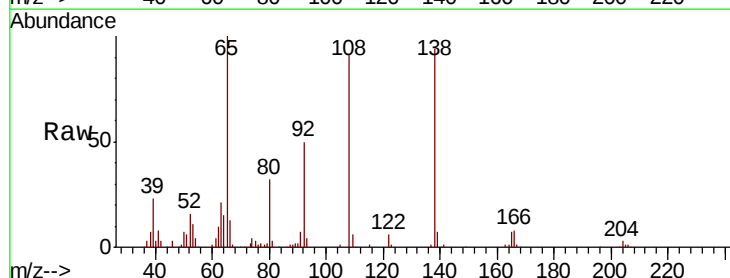
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 44.916 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.1  | 33.4  | 73.4  |
| 108     | 97.7  | 78.0  | 118.0 |

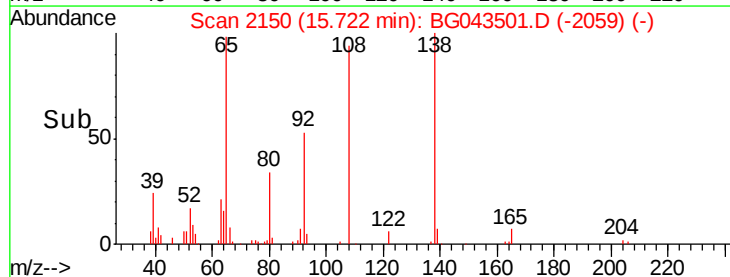
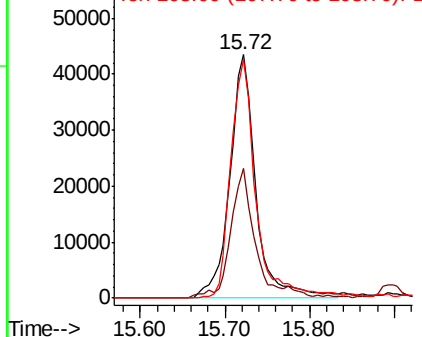


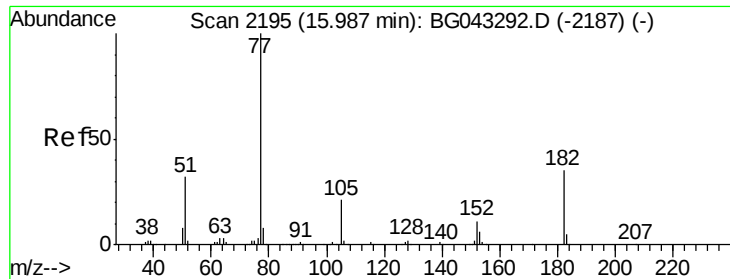
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





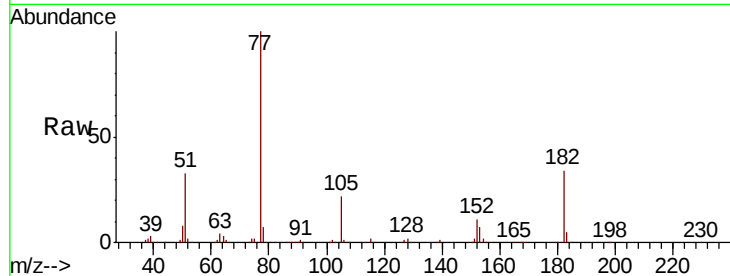
#63  
Azobenzene  
Concen: 39.576 ng  
RT: 15.97 min Scan# 2193  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 33.9  | 13.7  | 53.7  |
| 105     | 21.6  | 0.4   | 40.4  |
| 51      | 33.5  | 11.0  | 51.0  |

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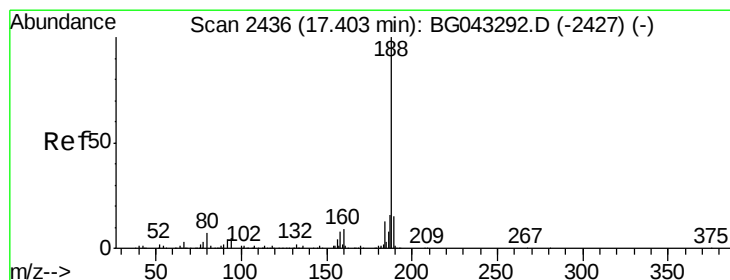
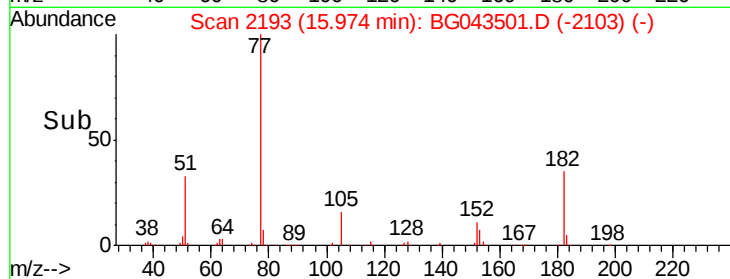
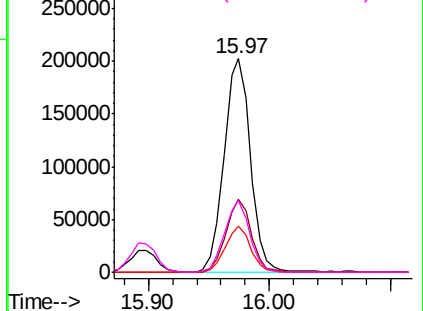
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2434  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

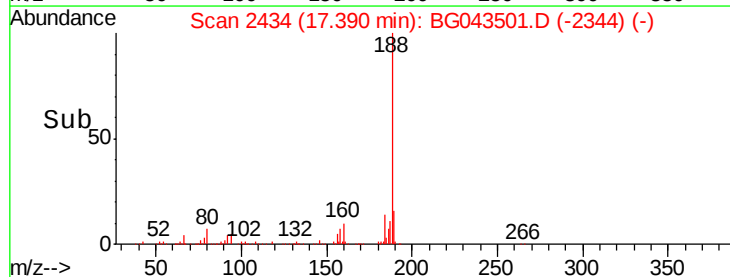
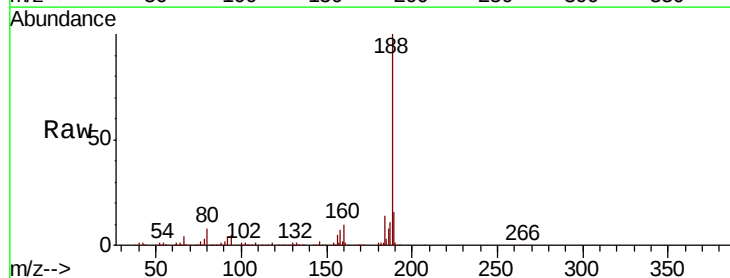
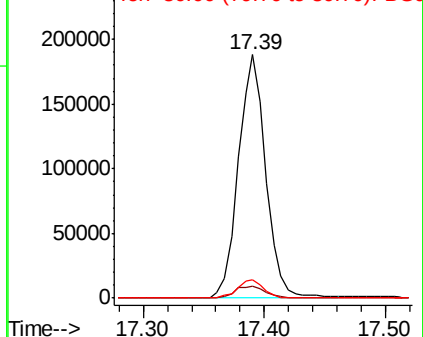
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.0   | 4.2   | 6.4   |
| 80      | 7.6   | 4.5   | 6.7#  |

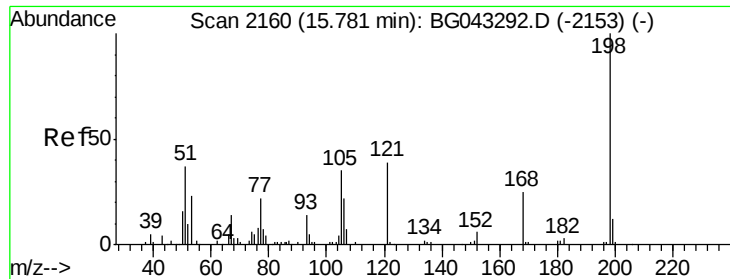
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.890 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 67832

Ion Ratio Lower Upper

198 100

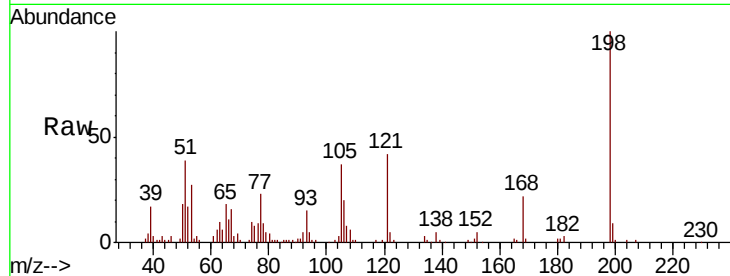
51 38.6 13.2 53.2

105 37.4 15.8 55.8

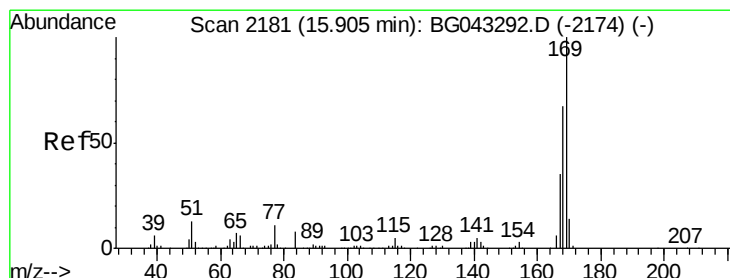
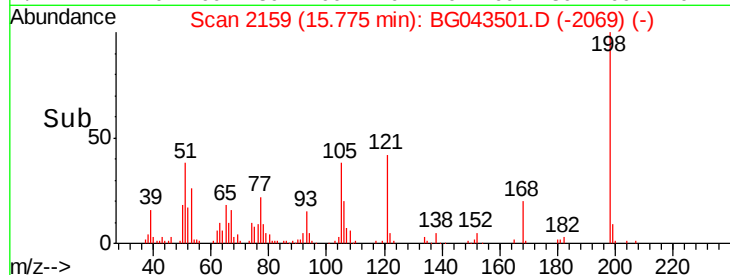
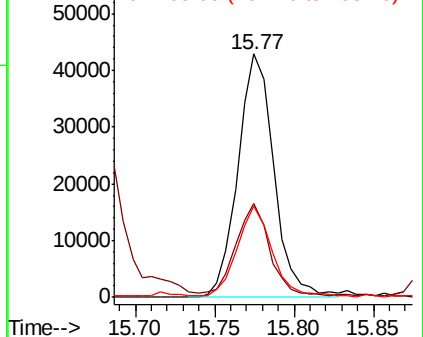
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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.315 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

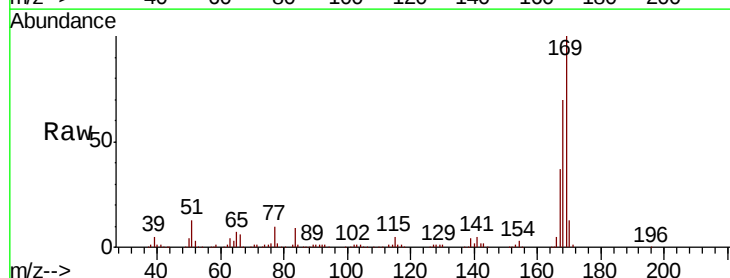
Tgt Ion:169 Resp: 320604

Ion Ratio Lower Upper

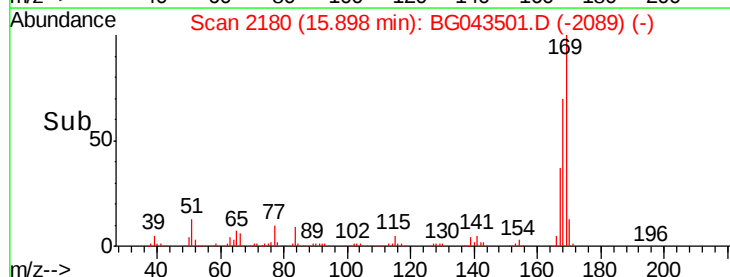
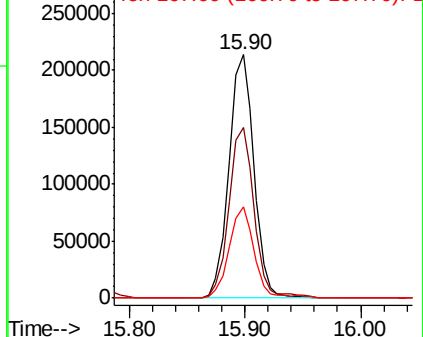
169 100

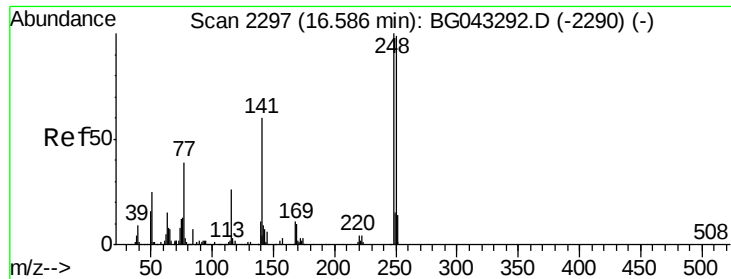
168 70.3 53.8 80.6

167 37.3 27.5 41.3



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





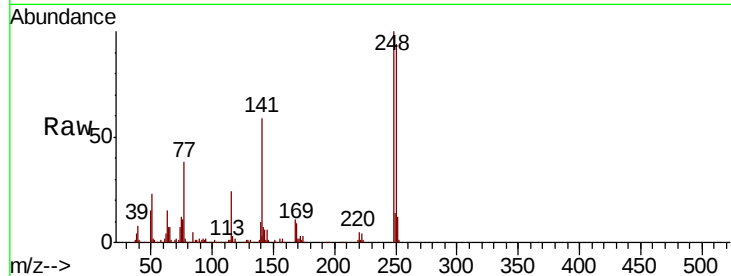
#67  
4-Bromophenyl-phenylether  
Concen: 38.403 ng  
RT: 16.57 min Scan# 2295  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.4  | 77.0  | 115.4 |
| 141     | 58.7  | 47.5  | 71.3  |

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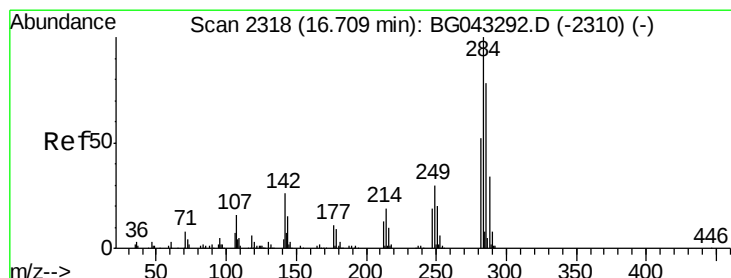
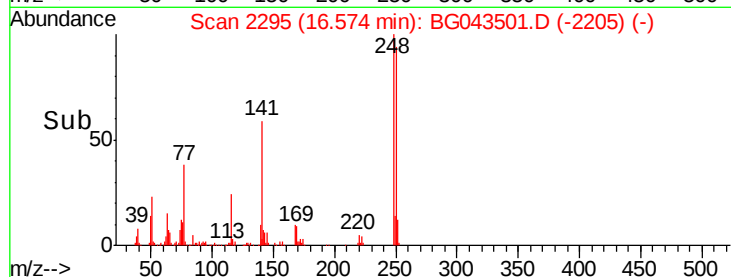
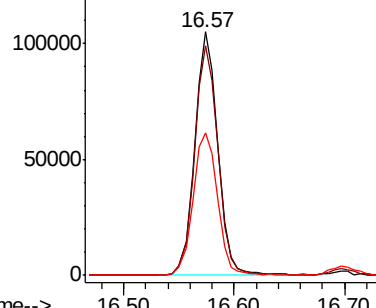


Abundance

Ion 248.00 (247.70 to 248.70): E

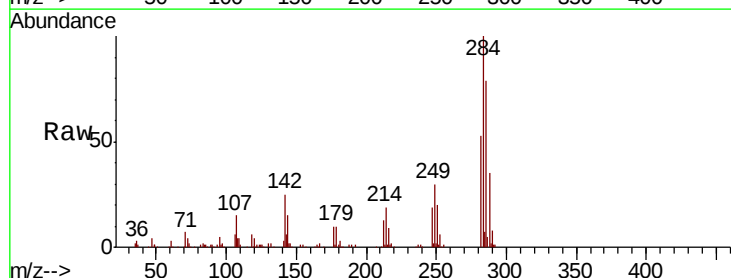
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 38.191 ng  
RT: 16.70 min Scan# 2317  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 24.6  | 19.8  | 29.8  |
| 249     | 30.1  | 23.8  | 35.6  |

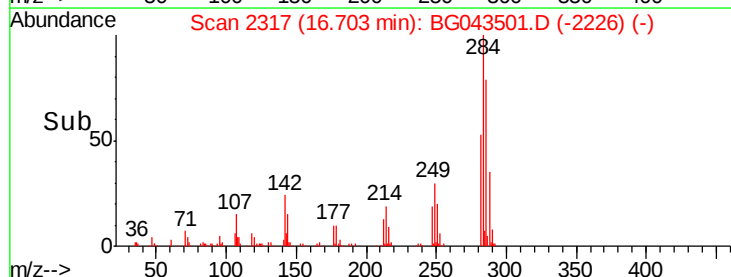
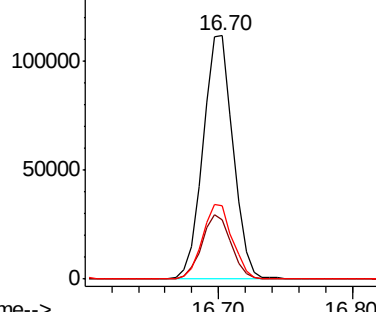


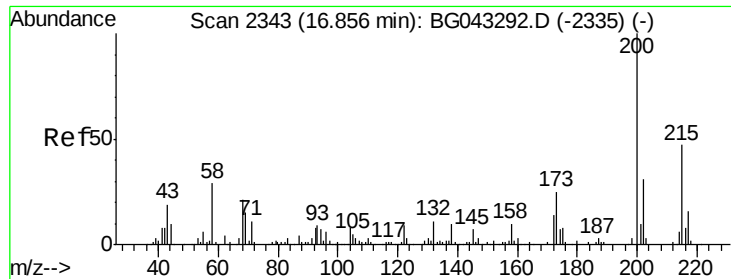
Abundance

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





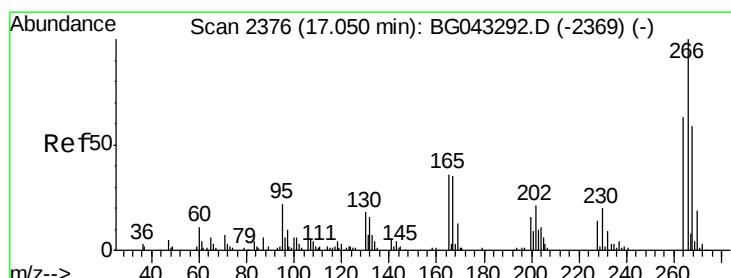
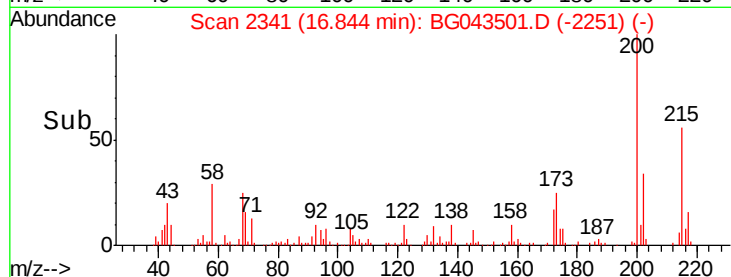
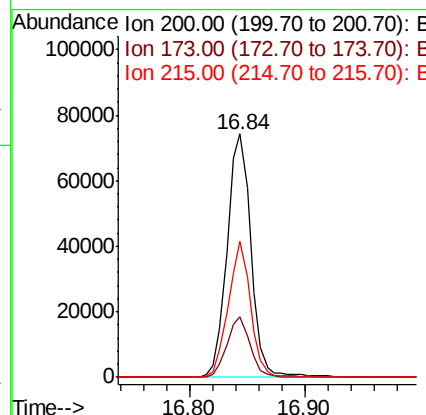
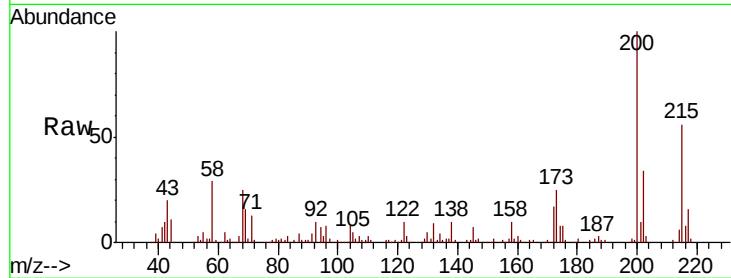
#69  
Atrazine  
Concen: 36.525 ng  
RT: 16.84 min Scan# 2341  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.1  | 4.7        | 44.7  |
| 215     | 55.9  | 28.5       | 68.5  |

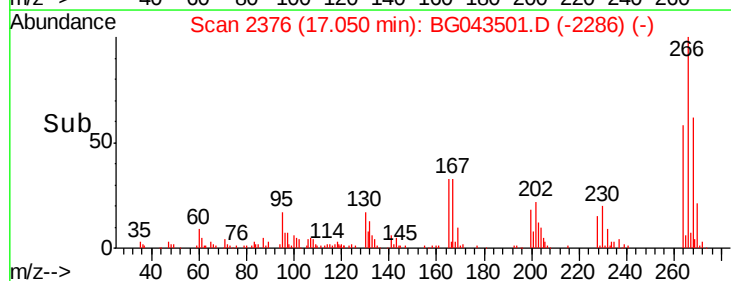
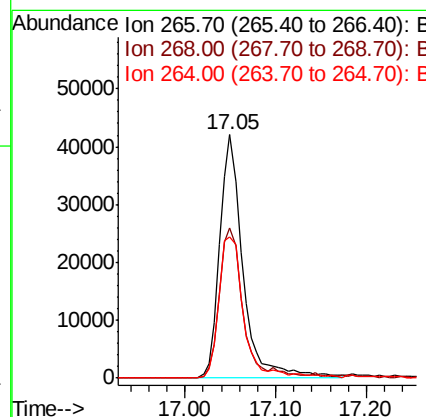
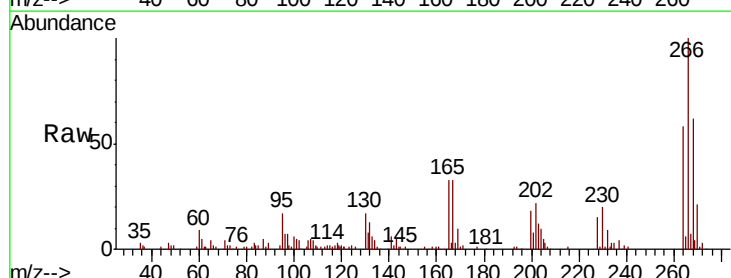
Manual Integrations  
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#70  
Pentachlorophenol  
Concen: 35.814 ng  
RT: 17.05 min Scan# 2376  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 61.5  | 50.4       | 75.6  |
| 264     | 57.9  | 48.9       | 73.3  |





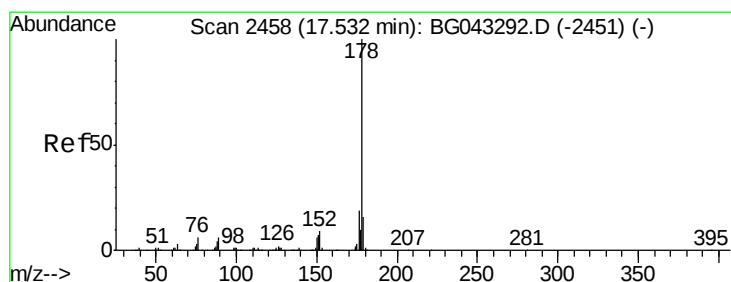
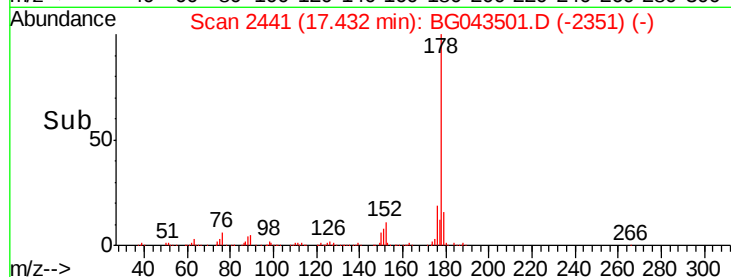
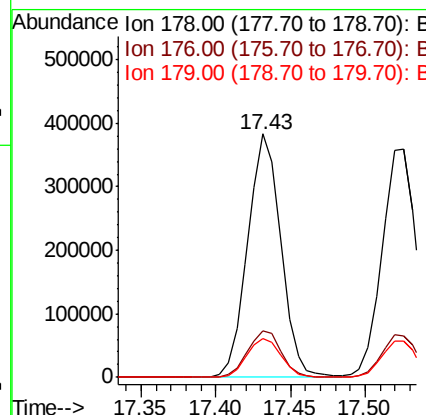
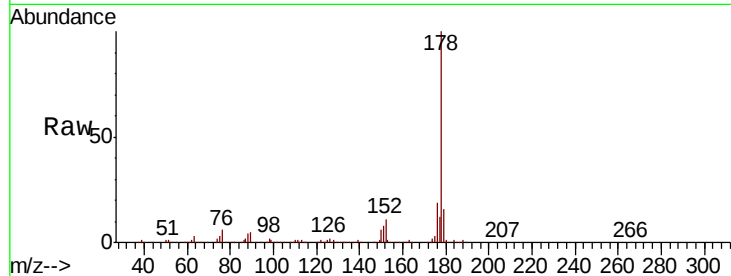
#71  
Phenanthrene  
Concen: 38.810 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.4  | 23.0  |
| 179     | 15.9  | 13.0  | 19.6  |

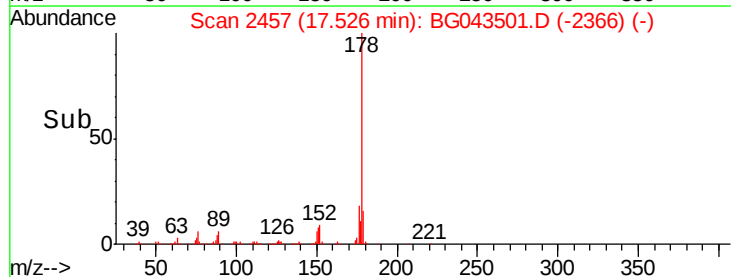
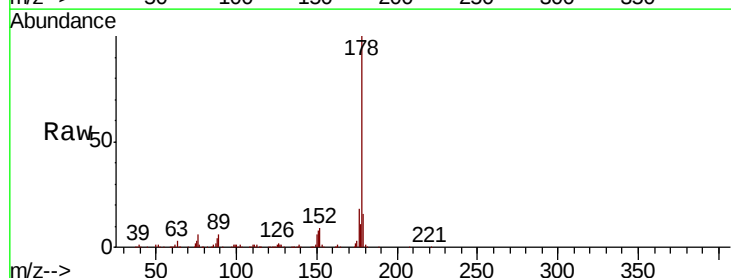
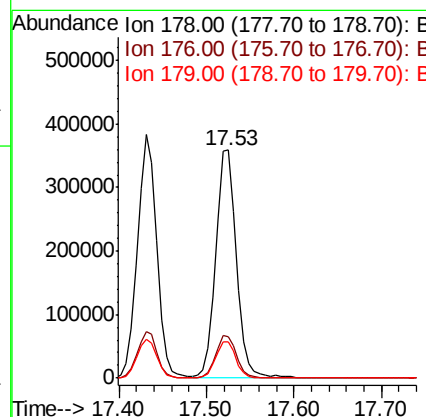
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#72  
Anthracene  
Concen: 39.002 ng  
RT: 17.53 min Scan# 2457  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.3  | 15.5  | 23.3  |
| 179     | 16.2  | 13.7  | 20.5  |





#73

Carbazole

Concen: 40.021 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

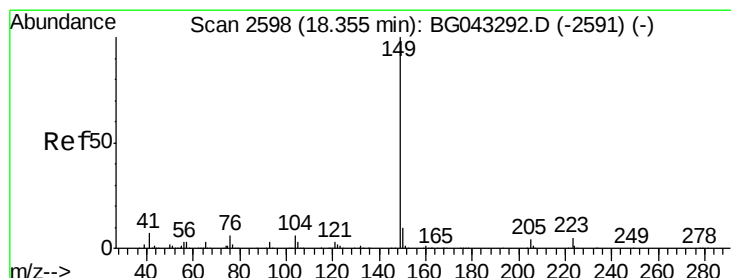
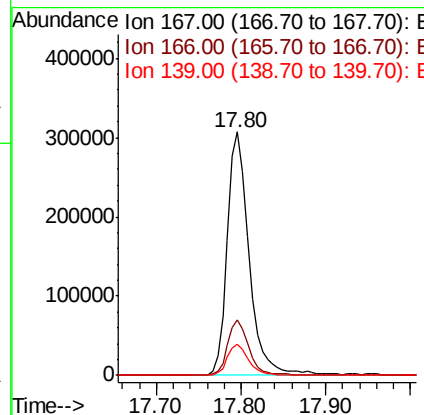
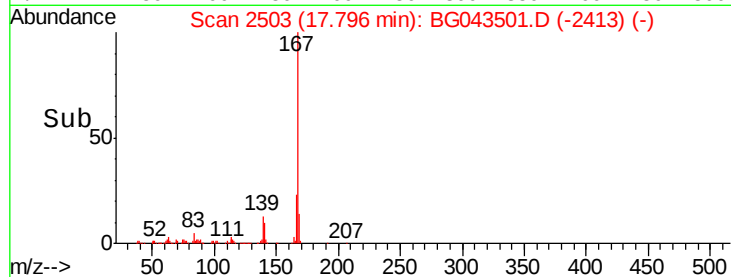
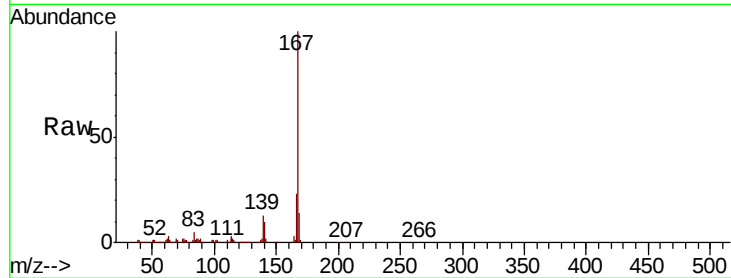
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 550321 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.8  | 18.7  | 28.1   |
| 139       | 12.8  | 10.0  | 15.0   |

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#74

Di-n-butylphthalate

Concen: 40.155 ng

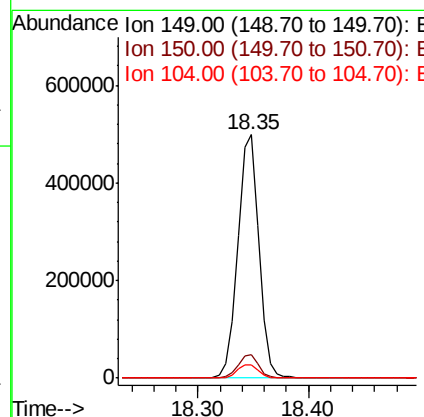
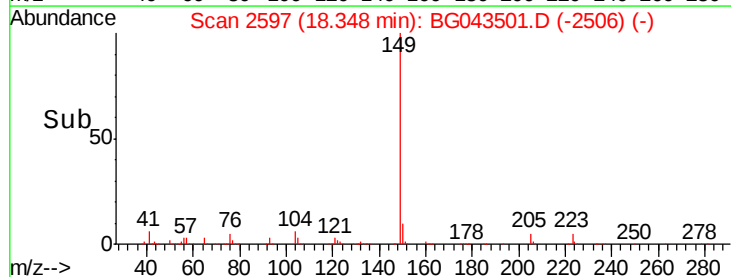
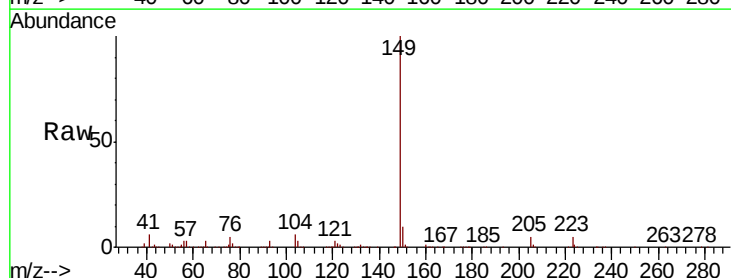
RT: 18.35 min Scan# 2597

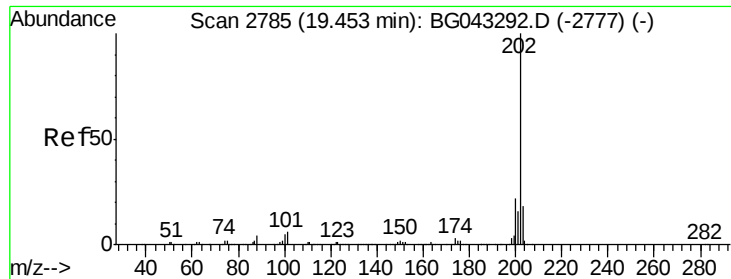
Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 669976 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 8.0   | 12.0   |
| 104       | 5.6   | 4.4   | 6.6    |





#75

Fluoranthene

Concen: 38.583 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

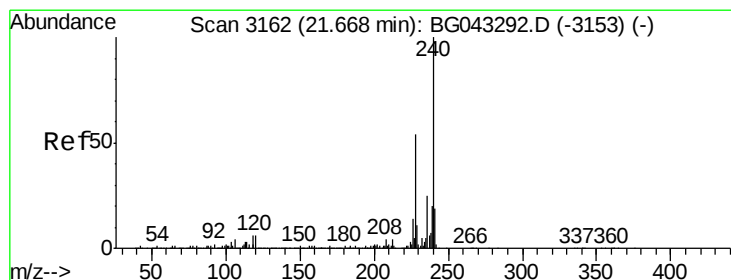
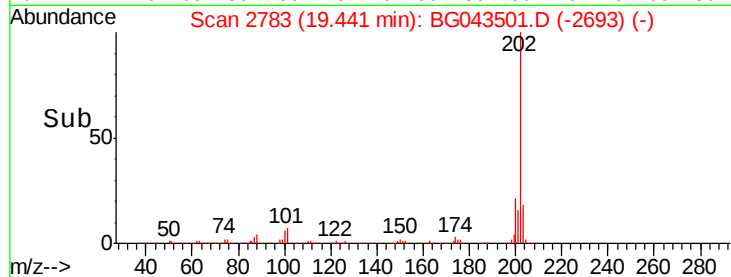
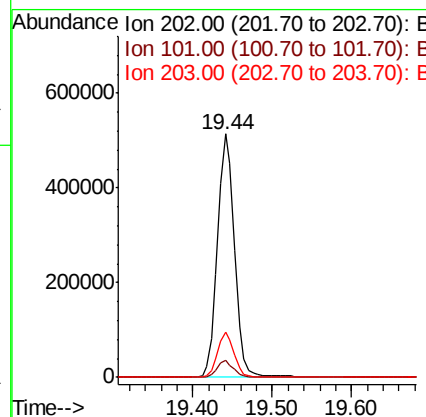
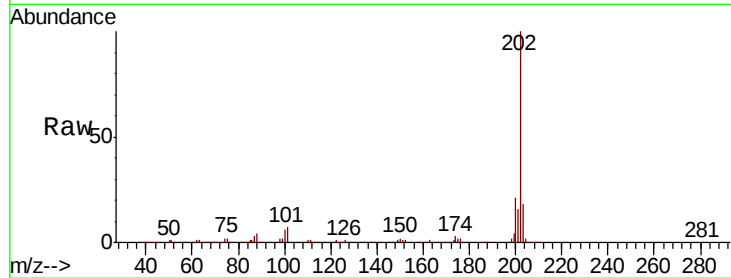
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 7.1   | 0.0        | 26.3  |
| 203     | 18.5  | 0.0        | 37.9  |

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#76

Chrysene-d12

Concen: 20.000 ng

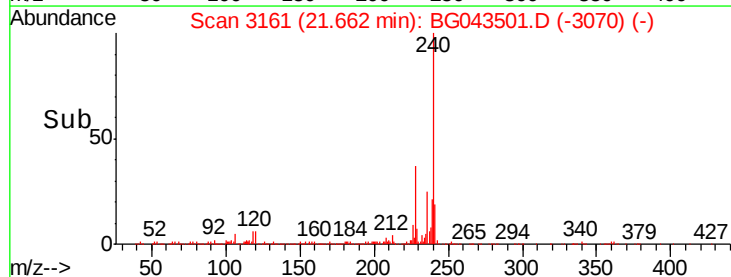
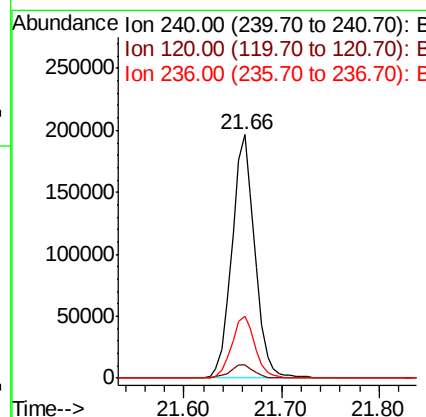
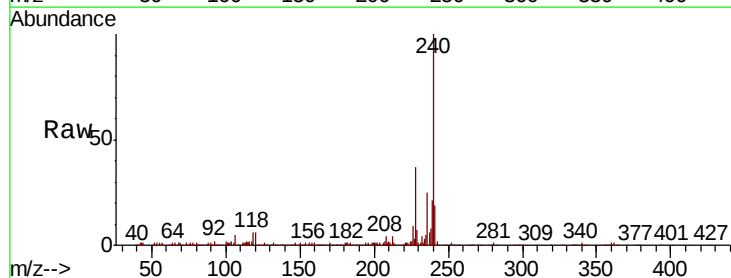
RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 5.6   | 4.6        | 6.8   |
| 236     | 25.2  | 19.8       | 29.8  |





#77

Benzidine

Concen: 44.206 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

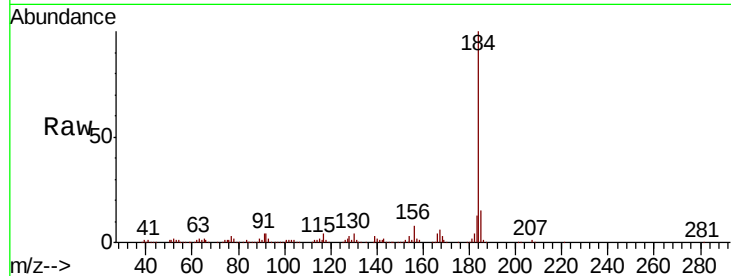
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 283512 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.0  | 11.0  | 16.4   |
| 183       | 13.0  | 10.0  | 15.0   |

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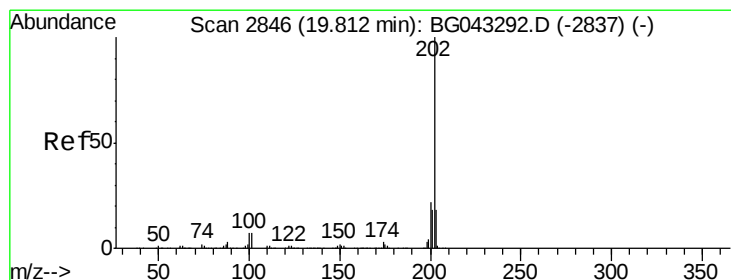
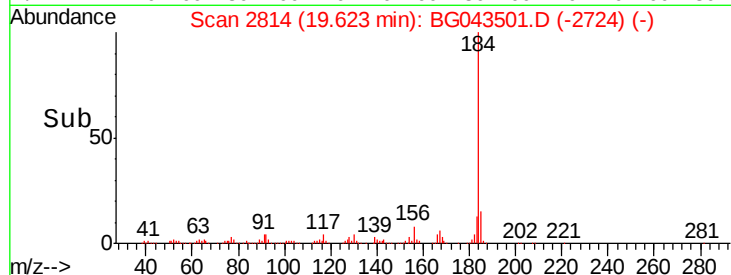
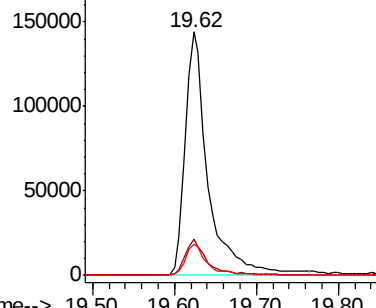


Abundance

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: 39.396 ng

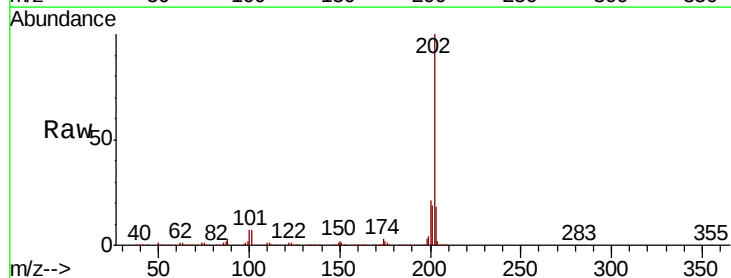
RT: 19.81 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 777109 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.0  | 17.0  | 25.4   |
| 203       | 17.7  | 14.7  | 22.1   |

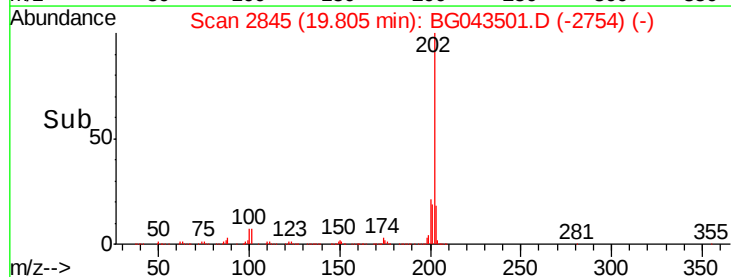
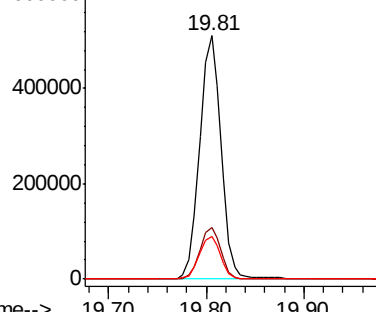


Abundance

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





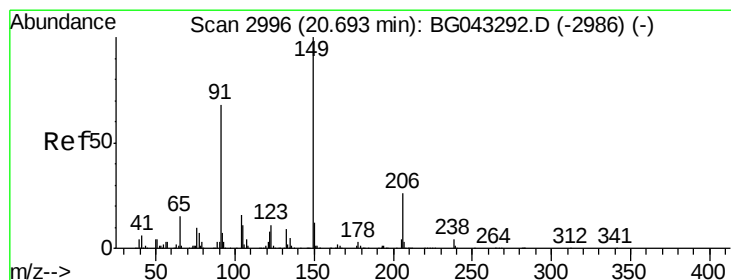
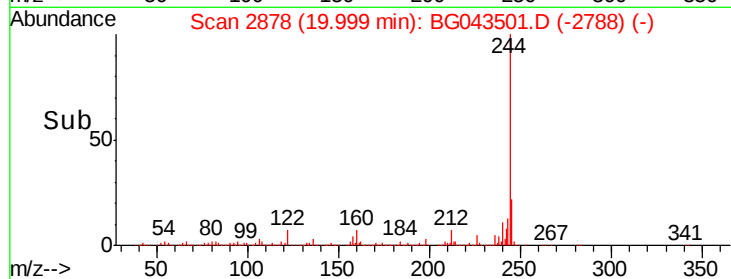
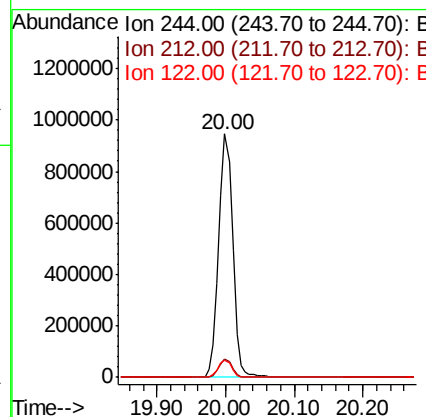
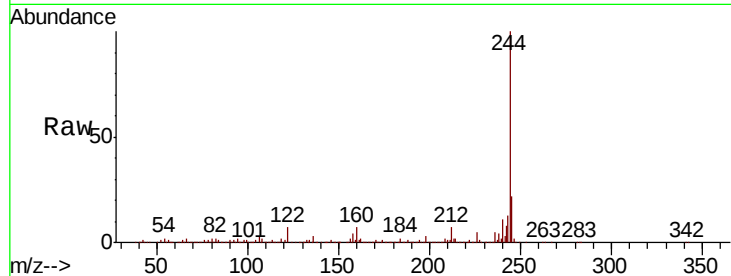
#79  
 Terphenyl-d14  
 Concen: 79.116 ng  
 RT: 20.00 min Scan# 2878  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 5.8   | 8.6   |
| 122     | 7.1   | 5.4   | 8.2   |

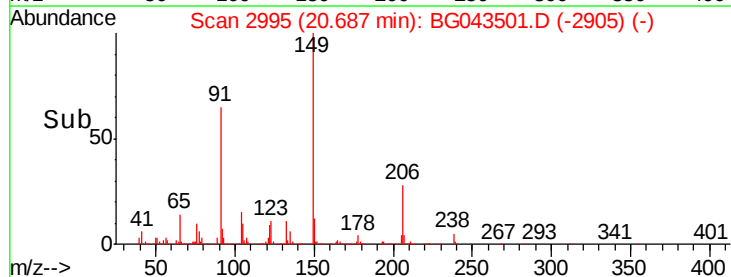
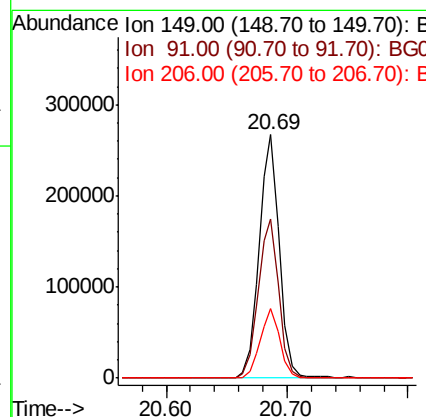
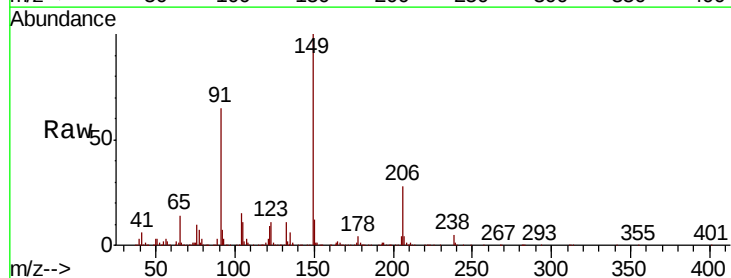
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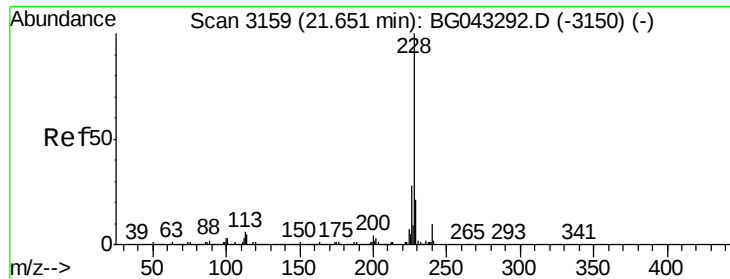
mohammad  
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#80  
 Butylbenzylphthalate  
 Concen: 41.237 ng  
 RT: 20.69 min Scan# 2995  
 Delta R.T. -0.00 min  
 Lab File: BG043501.D  
 Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.1  | 51.2  | 76.8  |
| 206     | 28.4  | 22.5  | 33.7  |





#81

Benzo(a)anthracene

Concen: 40.210 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

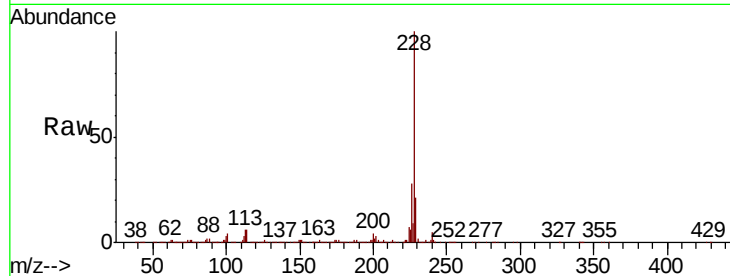
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 802652 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.8  | 22.2  | 33.2   |
| 229       | 21.2  | 17.0  | 25.4   |

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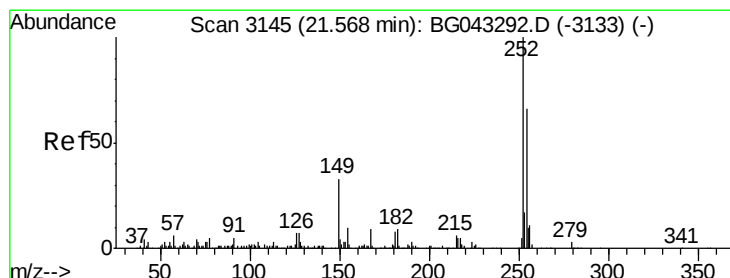
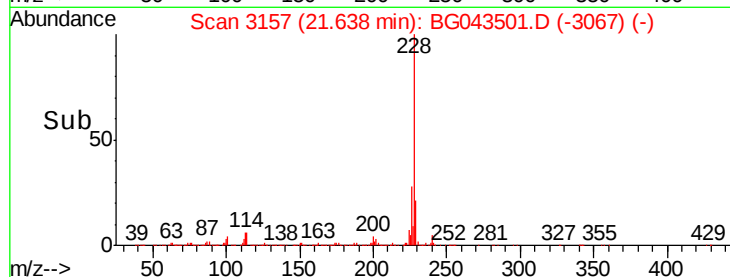
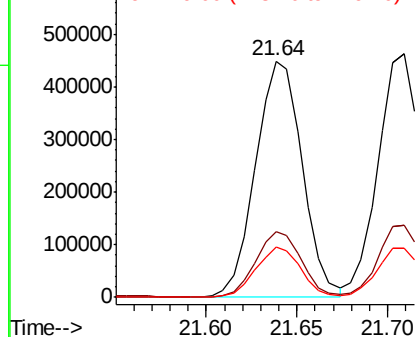


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.590 ng

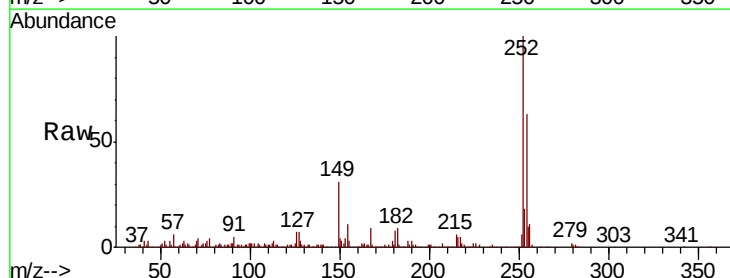
RT: 21.56 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 328824 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.0  | 50.8  | 76.2   |
| 126       | 6.7   | 6.1   | 9.1    |

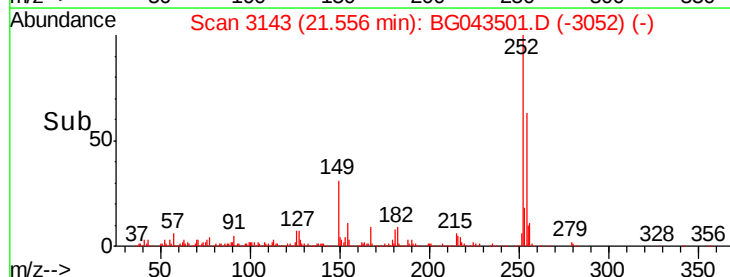
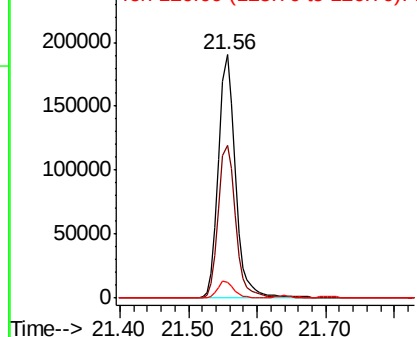


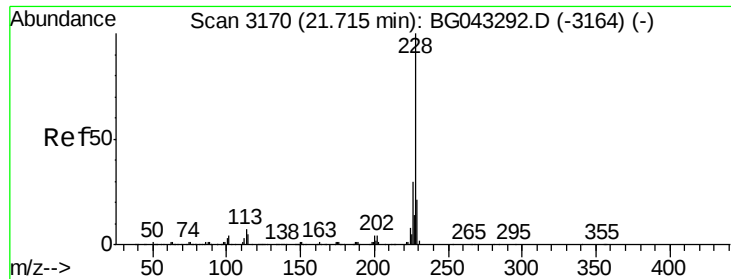
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.746 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

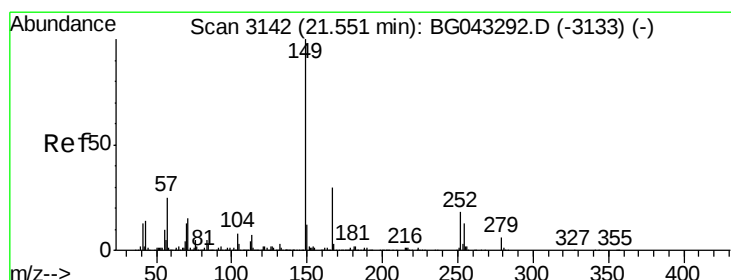
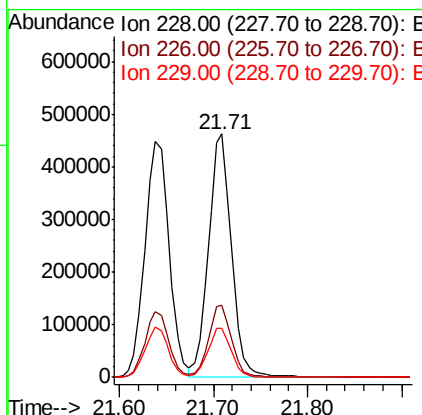
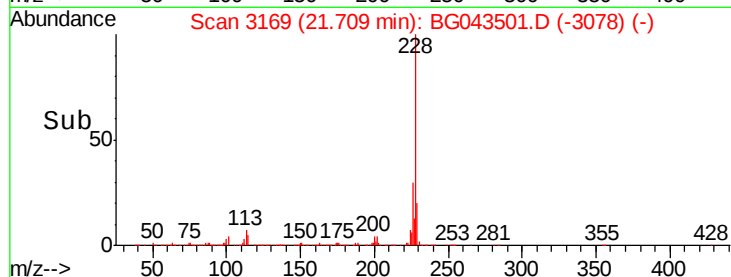
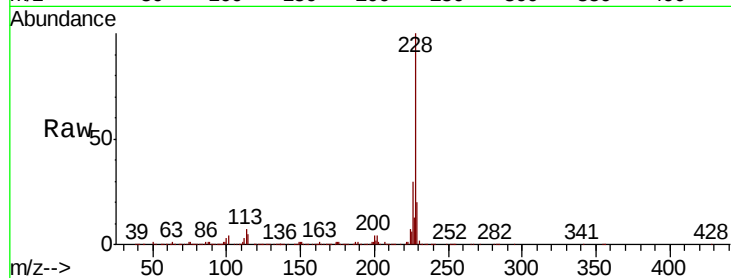
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 788295 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.9  | 25.1  | 37.7   |
| 229       | 20.4  | 17.0  | 25.4   |

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.480 ng

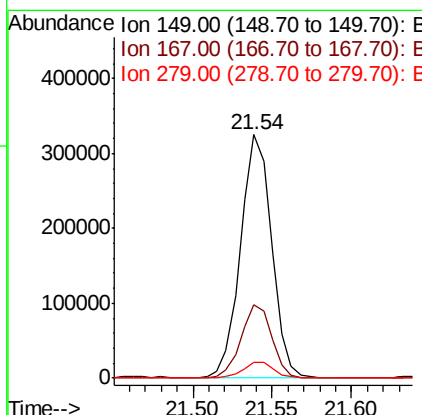
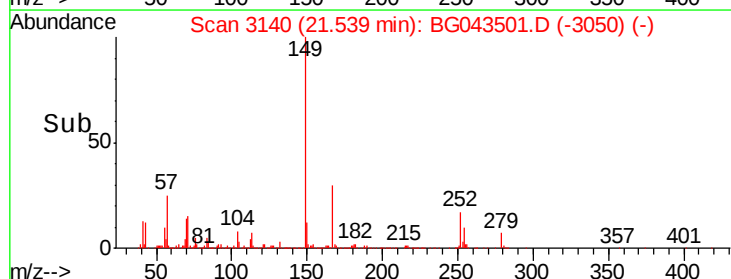
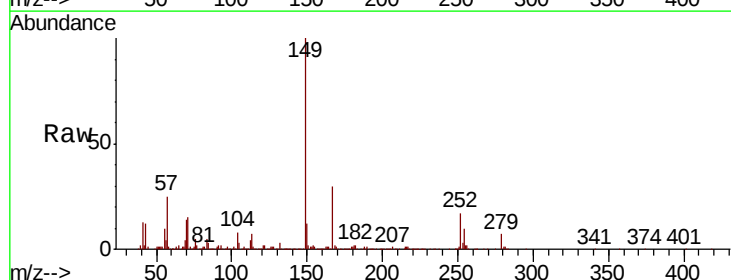
RT: 21.54 min Scan# 3140

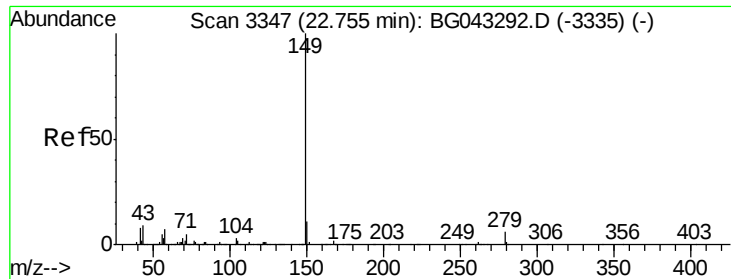
Delta R.T. -0.00 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 440347 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 30.0  | 24.0  | 36.0   |
| 279       | 6.7   | 5.4   | 8.2    |





#85

Di-n-octyl phthalate

Concen: 42.123 ng

RT: 22.74 min Scan# 3345

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

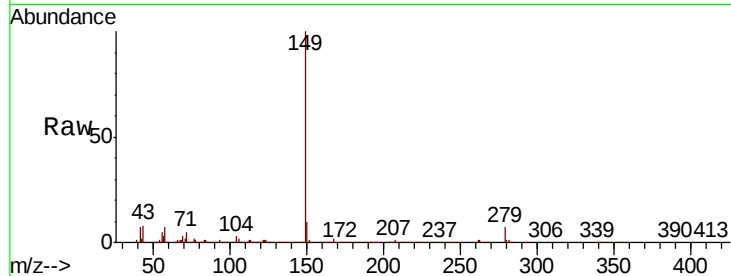
ClientSampleId :

SSTDCCC040

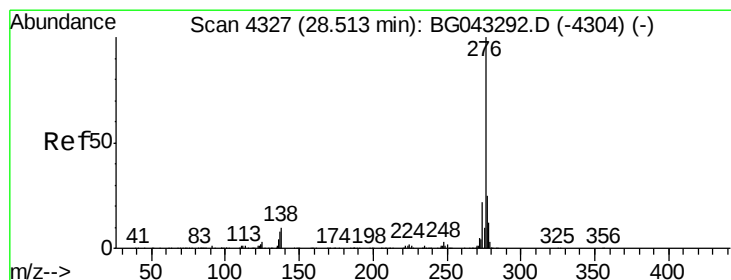
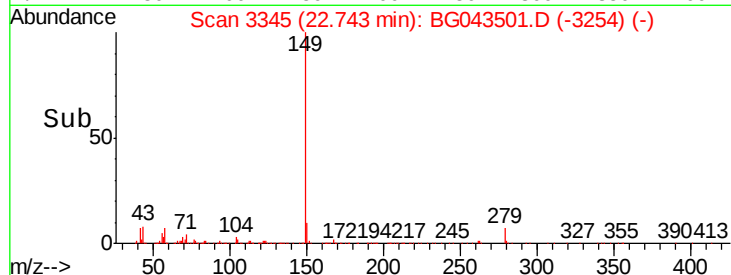
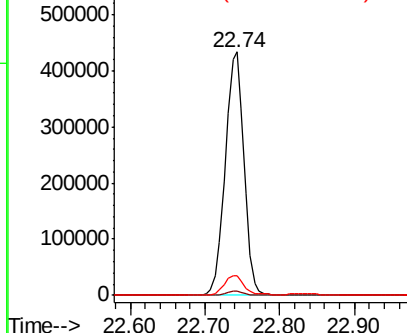
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 758651 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.2    |
| 43        | 8.6   | 7.0   | 10.6   |

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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: 42.071 ng

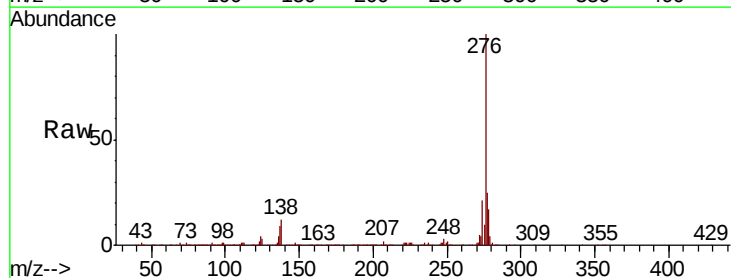
RT: 28.51 min Scan# 4326

Delta R.T. 0.01 min

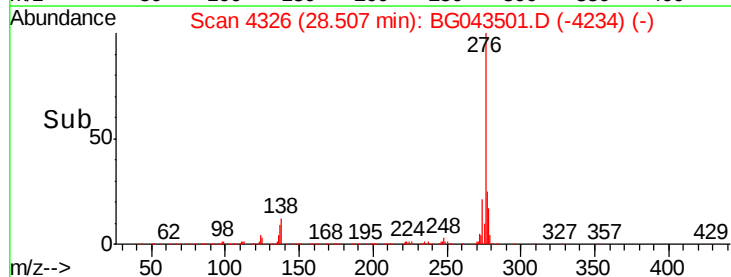
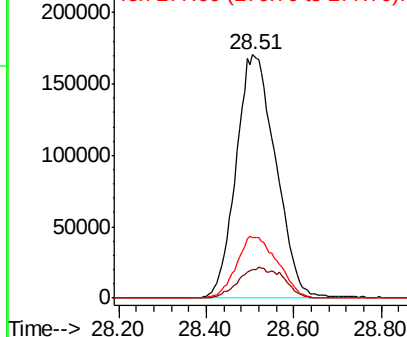
Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1047394 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 9.3   | 6.8   | 10.2    |
| 277       | 26.2  | 20.9  | 31.3    |



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





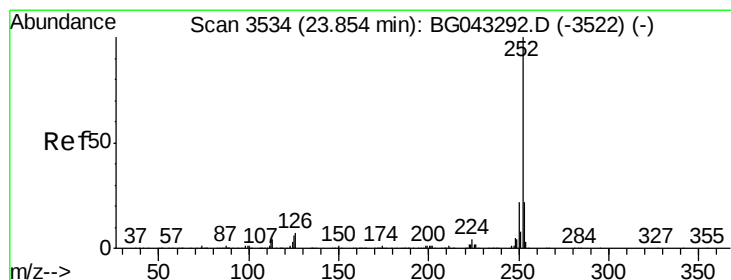
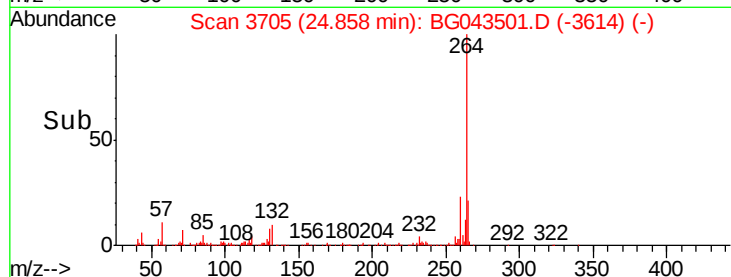
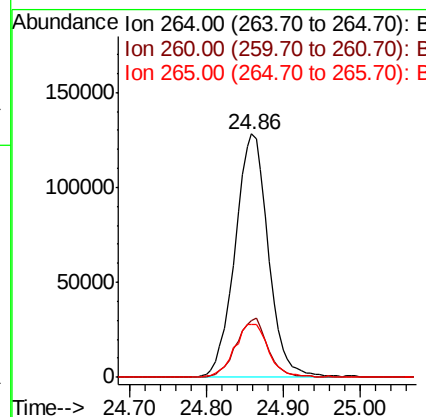
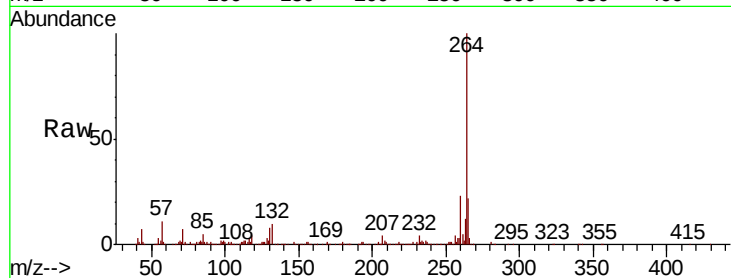
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.86 min Scan# 3705  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 17.5  | 26.3  |
| 265     | 21.7  | 17.4  | 26.0  |

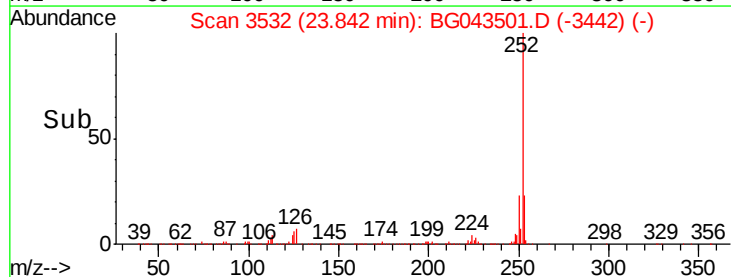
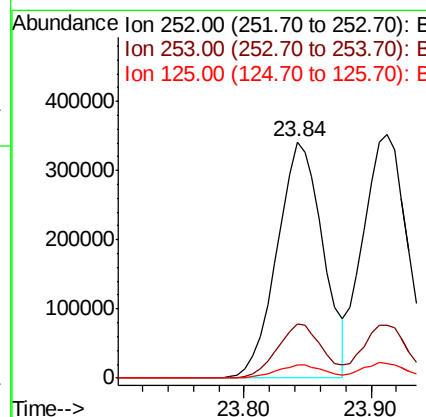
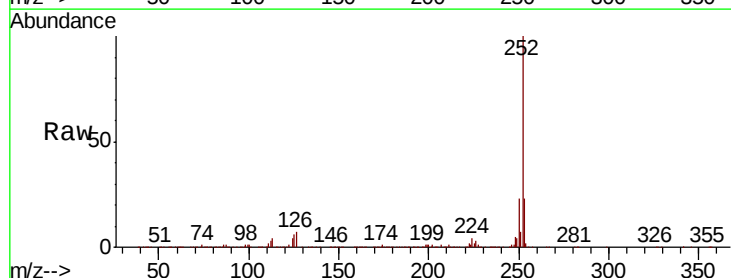
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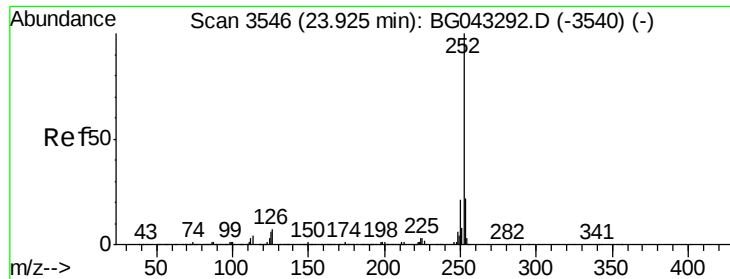
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#88  
Benzo(b)fluoranthene  
Concen: 39.241 ng  
RT: 23.84 min Scan# 3532  
Delta R.T. -0.00 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.7  | 26.5  |
| 125     | 5.7   | 4.5   | 6.7   |





#89

Benzo(k)fluoranthene

Concen: 39.301 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

Instrument :

BNA\_G

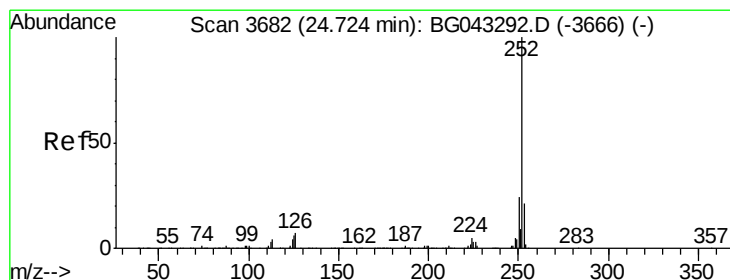
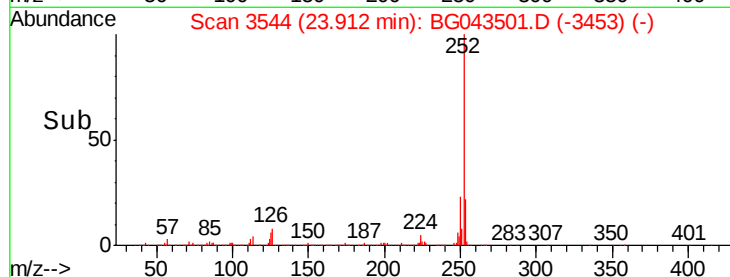
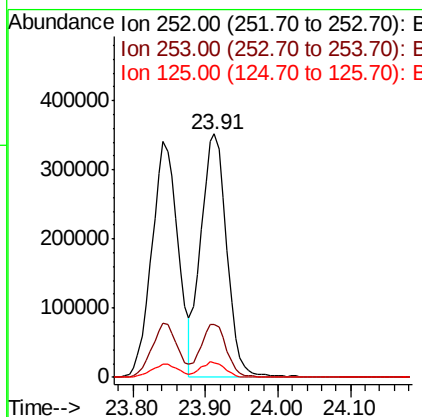
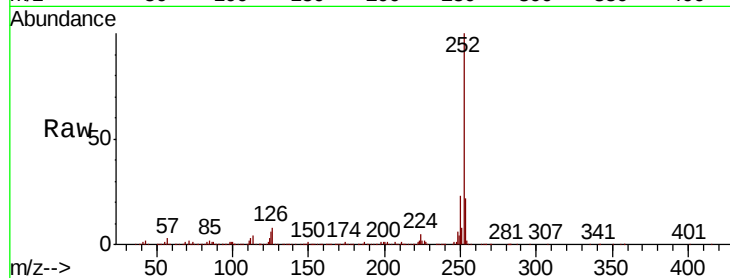
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 867017 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.3  | 25.9   |
| 125       | 5.7   | 4.6   | 6.8    |

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#90

Benzo(a)pyrene

Concen: 39.526 ng

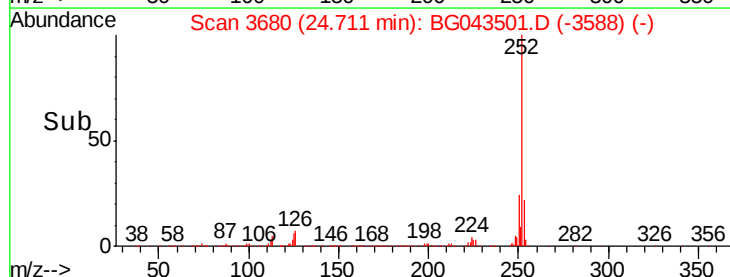
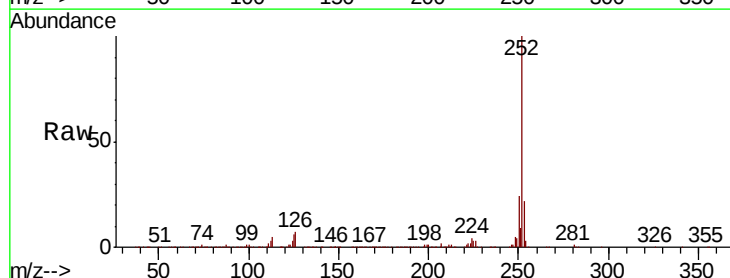
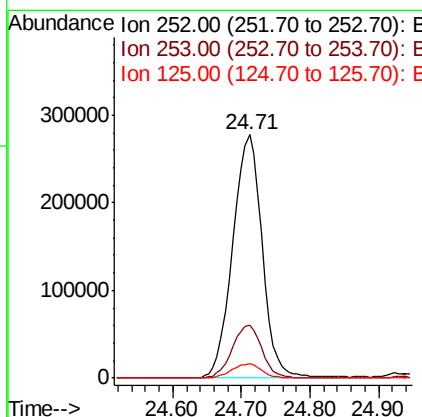
RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG043501.D

Acq: 5 Nov 2019 10:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 827117 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.8  | 26.8   |
| 125       | 6.1   | 5.4   | 8.2    |





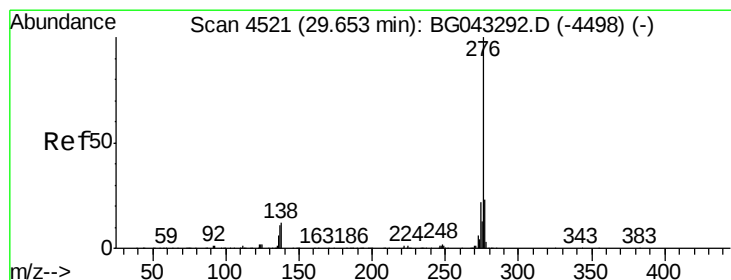
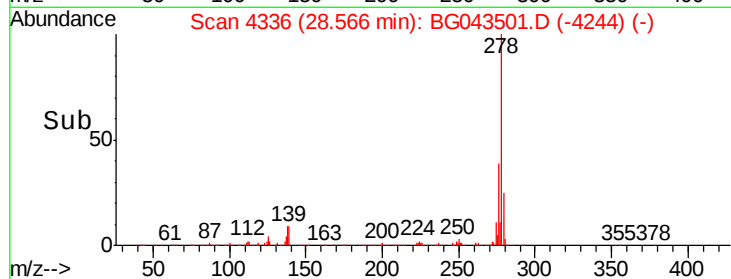
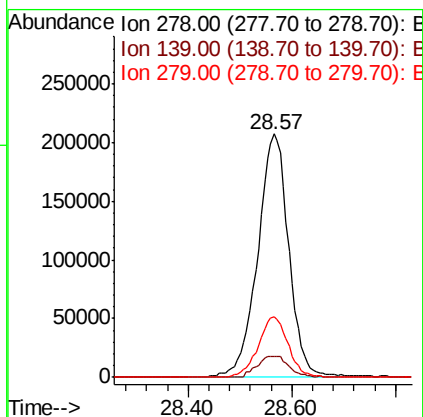
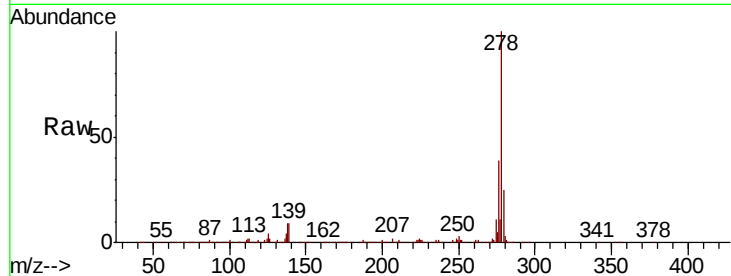
#91  
Dibenzo(a,h)anthracene  
Concen: 40.266 ng  
RT: 28.57 min Scan# 4336  
Delta R.T. 0.01 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.8   | 7.4   | 11.0  |
| 279     | 24.6  | 19.1  | 28.7  |

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#92  
Benzo(g,h,i)perylene  
Concen: 39.809 ng  
RT: 29.65 min Scan# 4520  
Delta R.T. 0.02 min  
Lab File: BG043501.D  
Acq: 5 Nov 2019 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.8  | 18.9  | 28.3  |
| 138     | 11.5  | 8.9   | 13.3  |

