

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\  
 Data File : BG041210.D  
 Acq On : 12 Jun 2019 17:34  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:36:44 AM

Quant Time: Jun 13 14:26:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 09 23:08:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 39649    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 167805   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.73 | 164  | 127487   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.48 | 188  | 307240   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 311442   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.08 | 264  | 323409   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.64  | 112 | 177266  | 80.62 | ng | 0.00 |
| 7) Phenol-d6                | 7.25  | 99  | 273550  | 80.56 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.28  | 82  | 315771  | 83.54 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.23 | 330 | 147874  | 78.13 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.36 | 172 | 735279  | 83.06 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.07 | 244 | 1268440 | 86.44 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.51  | 88  | 37083  | 37.166 | ng | 95   |
| 3) Pyridine                    | 3.92  | 79  | 111319 | 37.705 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 55643  | 40.609 | ng | 89   |
| 6) Aniline                     | 7.43  | 93  | 178520 | 39.385 | ng | 98   |
| 8) 2-Chlorophenol              | 7.67  | 128 | 103928 | 39.646 | ng | 96   |
| 9) Benzaldehyde                | 7.24  | 77  | 83899  | 41.417 | ng | 90   |
| 10) Phenol                     | 7.28  | 94  | 146238 | 40.164 | ng | 100  |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 103096 | 39.031 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 129532 | 41.372 | ng | 92   |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146 | 130115 | 41.057 | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 126153 | 40.998 | ng | 96   |
| 15) Benzyl Alcohol             | 8.34  | 79  | 123241 | 39.233 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62  | 45  | 160446 | 37.173 | ng | 99   |
| 17) 2-Methylphenol             | 8.54  | 107 | 103109 | 39.112 | ng | 99   |
| 18) Hexachloroethane           | 9.19  | 117 | 50491  | 41.337 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 97736  | 37.400 | ng | # 98 |
| 20) 3+4-Methylphenols          | 8.87  | 107 | 142086 | 38.909 | ng | 99   |
| 22) Acetophenone               | 8.93  | 105 | 187766 | 39.889 | ng | 97   |
| 24) Nitrobenzene               | 9.33  | 77  | 159053 | 41.290 | ng | 97   |
| 25) Isophorone                 | 9.84  | 82  | 277528 | 38.580 | ng | 99   |
| 26) 2-Nitrophenol              | 10.03 | 139 | 68971  | 43.432 | ng | 92   |
| 27) 2,4-Dimethylphenol         | 10.08 | 122 | 101808 | 38.818 | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93  | 149285 | 38.451 | ng | 97   |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 134594 | 40.412 | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 10.78 | 180 | 158134 | 41.738 | ng | 97   |
| 31) Naphthalene                | 10.98 | 128 | 373061 | 41.407 | ng | 100  |
| 32) Benzoic acid               | 10.22 | 122 | 70870m | 36.995 | ng |      |
| 33) 4-Chloroaniline            | 11.09 | 127 | 169277 | 40.494 | ng | 95   |
| 34) Hexachlorobutadiene        | 11.24 | 225 | 121466 | 41.899 | ng | 99   |
| 35) Caprolactam                | 11.88 | 113 | 41431  | 37.671 | ng | 98   |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 149279 | 39.246 | ng | 95   |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 281945 | 40.632 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.79 | 142 | 263035 | 40.226 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 211706 | 41.201 | ng | 99   |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

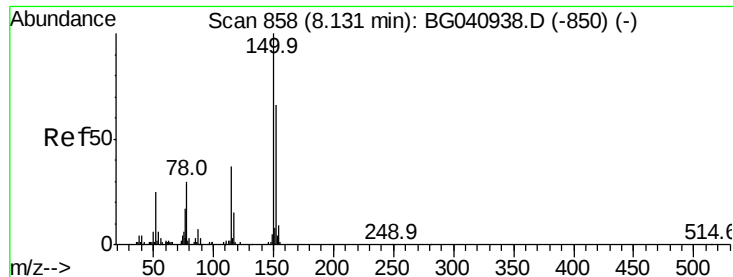
mohammad  
 6/14/2019 8:36:44 AM

Quant Time: Jun 13 14:26:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 09 23:08:34 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.90 | 237  | 95800    | 39.348 | nq    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.17 | 196  | 133551   | 40.177 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.25 | 196  | 135942   | 38.777 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.57 | 154  | 380891   | 40.362 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 331506   | 40.920 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 118898   | 40.910 | nq    | 95       |
| 49) Acenaphthylene             | 14.46 | 152  | 488811   | 40.089 | nq    | 99       |
| 50) Dimethylphthalate          | 14.19 | 163  | 419588   | 38.880 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 90282    | 38.801 | nq    | 98       |
| 52) Acenaphthene               | 14.80 | 154  | 291911   | 39.520 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.65 | 138  | 91051    | 39.133 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.86 | 184  | 31943    | 36.942 | nq    | 91       |
| 55) Dibenzofuran               | 15.13 | 168  | 504378   | 40.581 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.95 | 139  | 58658    | 36.755 | nq    | 88       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 130643   | 39.748 | nq    | 97       |
| 58) Fluorene                   | 15.78 | 166  | 392219   | 39.625 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 138547   | 40.214 | nq    | 97       |
| 60) Diethylphthalate           | 15.53 | 149  | 428722   | 38.927 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 254966   | 39.630 | nq    | 94       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 94835    | 38.500 | nq    | 98       |
| 63) Azobenzene                 | 16.06 | 77   | 389622   | 38.924 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 63845    | 40.429 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.99 | 169  | 350706   | 40.606 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.66 | 248  | 166318   | 40.112 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 175715   | 39.798 | nq    | 99       |
| 69) Atrazine                   | 16.93 | 200  | 134071   | 40.230 | nq    | 98       |
| 70) Pentachlorophenol          | 17.13 | 266  | 87177    | 39.153 | nq    | 95       |
| 71) Phenanthrene               | 17.52 | 178  | 657186   | 41.065 | nq    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 650426   | 41.208 | nq    | 100      |
| 73) Carbazole                  | 17.89 | 167  | 563901   | 41.637 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 693133   | 41.178 | nq    | 99       |
| 75) Fluoranthene               | 19.53 | 202  | 849589   | 42.980 | nq    | 99       |
| 77) Benzidine                  | 19.71 | 184  | 250625   | 33.734 | nq    | 97       |
| 78) Pyrene                     | 19.89 | 202  | 851349   | 42.051 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 328170   | 41.652 | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 842600   | 40.643 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 283902   | 38.935 | nq    | 98       |
| 83) Chrysene                   | 21.81 | 228  | 816862   | 41.174 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 447382   | 40.337 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.84 | 149  | 750378   | 40.623 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.91 | 276  | 805004m  | 33.124 | nq    |          |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 799629   | 40.764 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 828313   | 42.672 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 752899   | 40.230 | nq    | 94       |
| 91) Dibenzo(a,h)anthracene     | 28.97 | 278  | 600004m  | 32.085 | nq    |          |
| 92) Benzo(g,h,i)perylene       | 30.11 | 276  | 596079m  | 32.810 | nq    |          |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

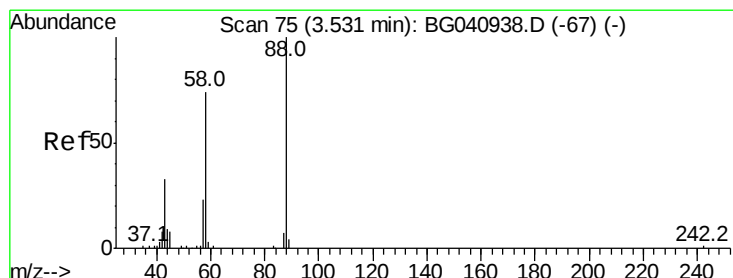
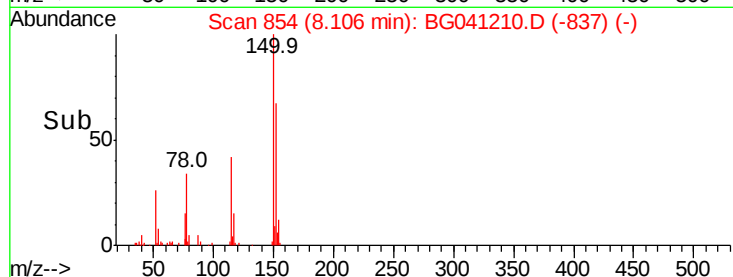
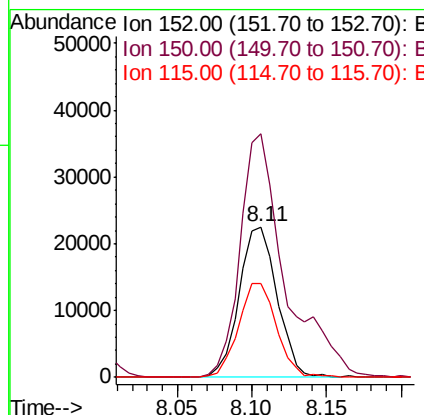
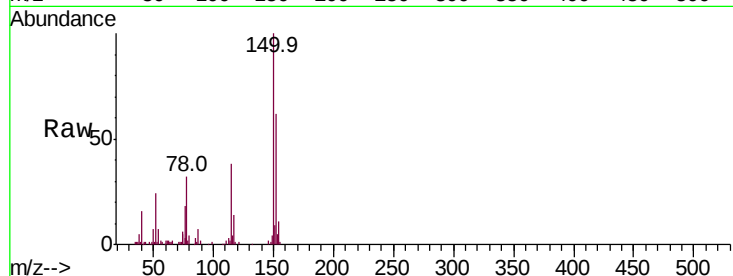
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 39649 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 162.0 | 120.6 | 180.8 |
| 115      | 62.3  | 45.1  | 67.7  |

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#2

1,4-Dioxane

Concen: 37.166 ng

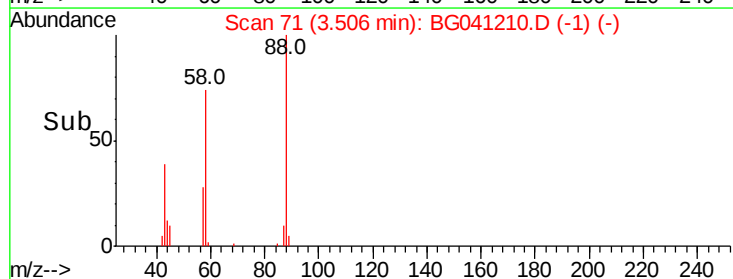
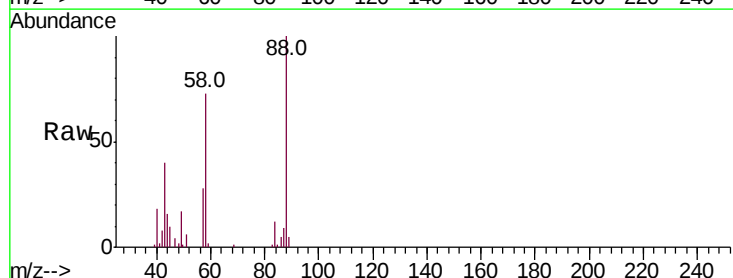
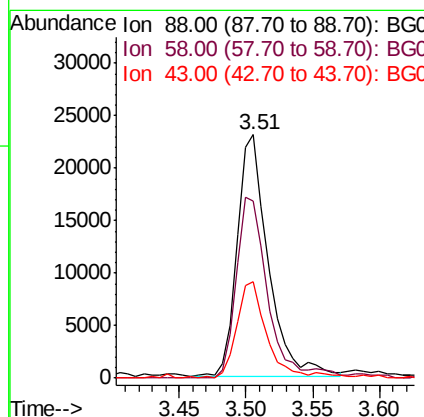
RT: 3.51 min Scan# 71

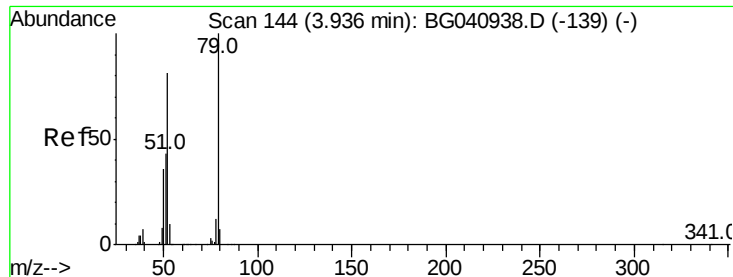
Delta R.T. 0.01 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 37083 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 58       | 76.3  | 59.0  | 88.6  |
| 43       | 39.8  | 27.2  | 40.8  |





#3

Pvridine

Concen: 37.705 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

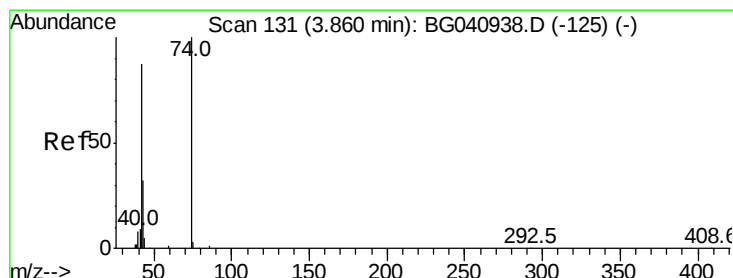
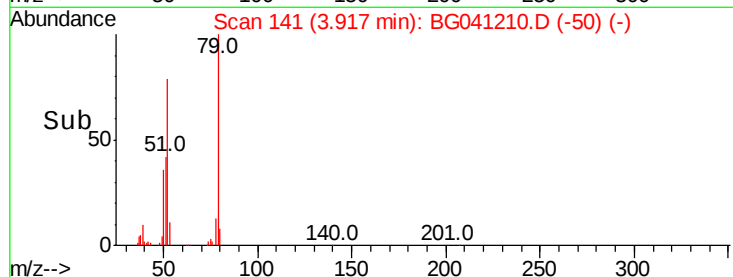
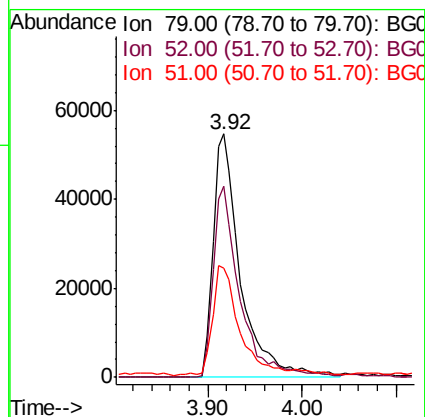
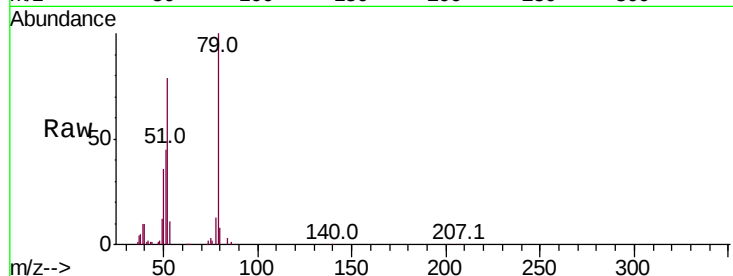
ClientSampleId :

SSTDCCC040

| Tot Ion   | 79    | Resp  | 111319 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 78.5  | 64.8  | 97.2   |
| 51        | 44.6  | 35.3  | 52.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.609 ng

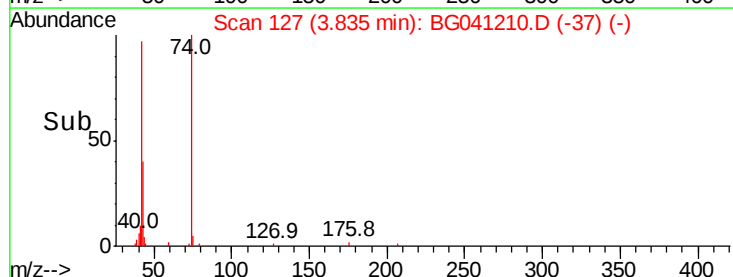
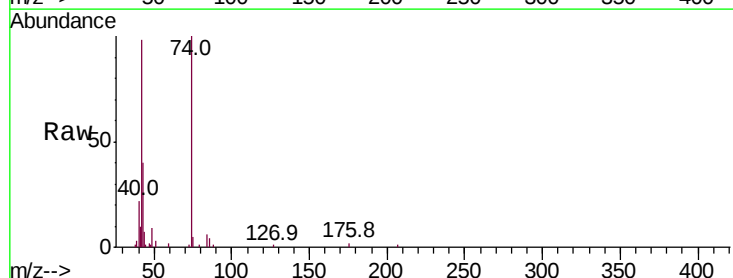
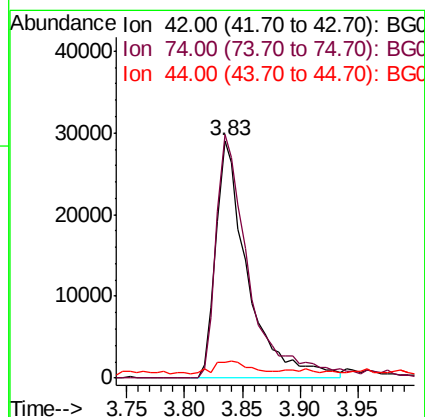
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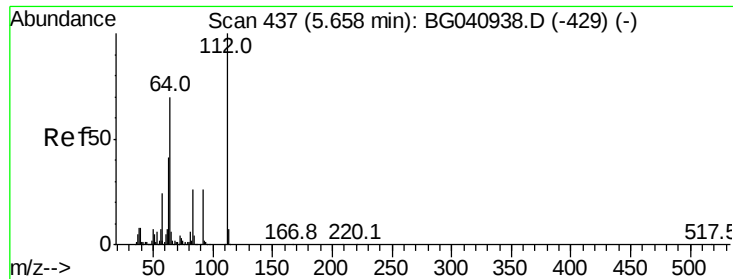
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

| Tgt Ion   | 42    | Resp  | 55643 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 102.4 | 91.8  | 137.6 |
| 44        | 6.9   | 6.0   | 9.0   |





#5

2-Fluorophenol

Concen: 80.619 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

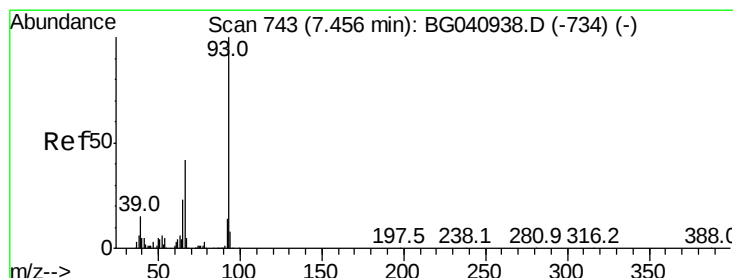
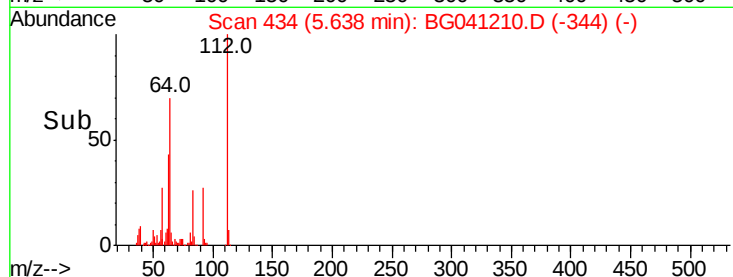
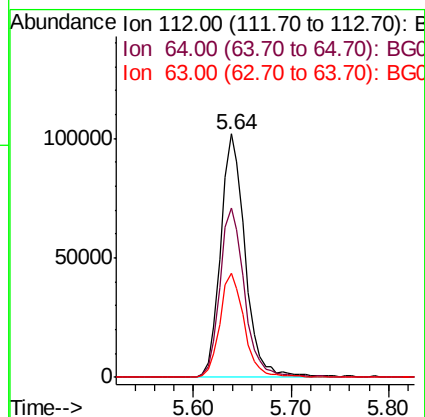
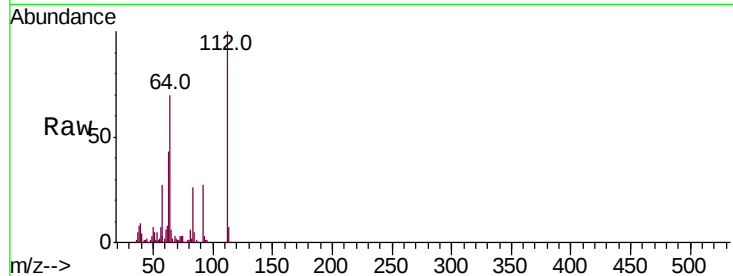
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 177266 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.6  | 56.2  | 84.2   |
| 63        | 42.8  | 32.8  | 49.2   |

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#6

Aniline

Concen: 39.385 ng

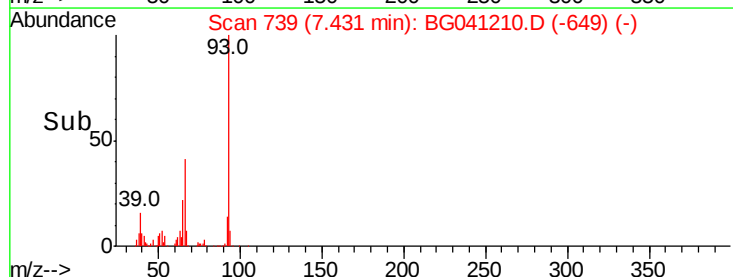
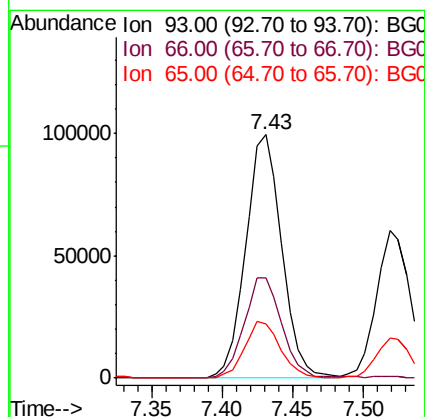
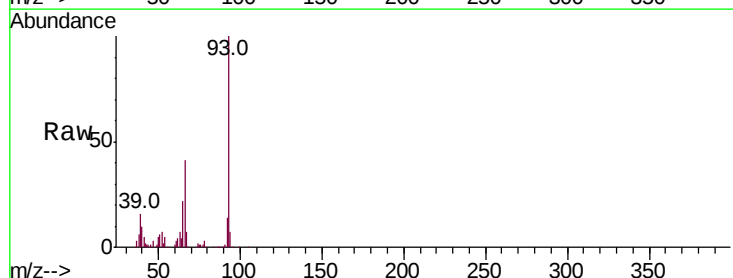
RT: 7.43 min Scan# 739

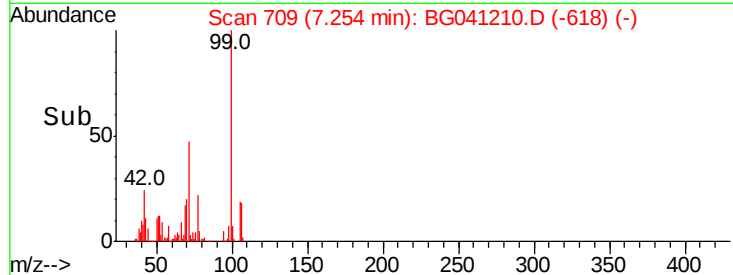
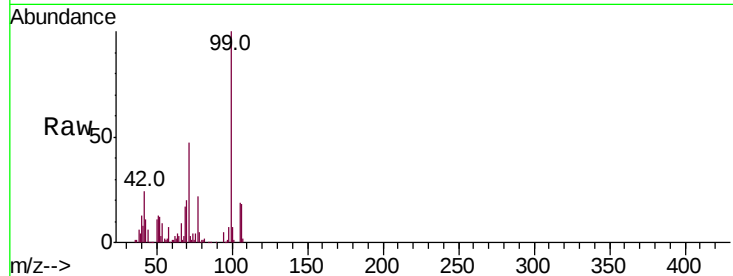
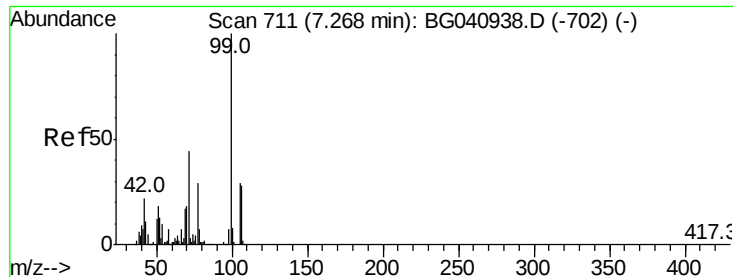
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 178520 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.4  | 33.8  | 50.8   |
| 65        | 22.1  | 18.3  | 27.5   |





#7

Phenol-d6

Concen: 80.555 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 273550 |       |       |
| 42      | 24.1  | 17.9   | 26.9  |       |
| 71      | 46.8  | 35.4   | 53.0  |       |

Instrument :

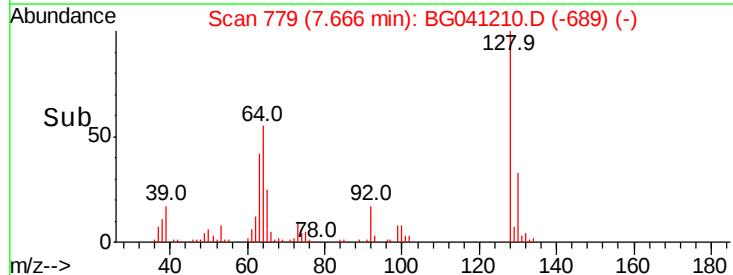
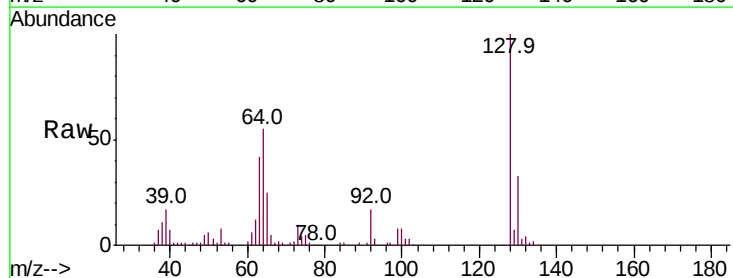
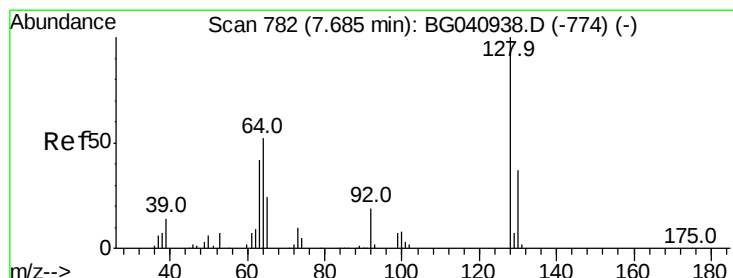
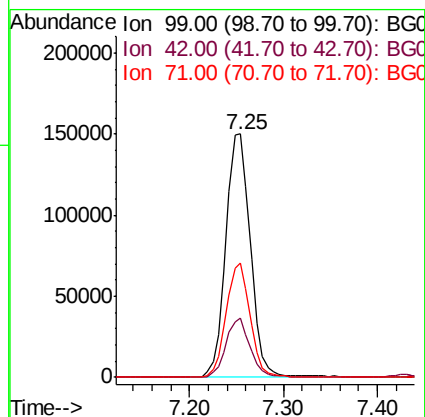
BNA\_G

ClientSampleId :

SSTDCCC040

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.646 ng

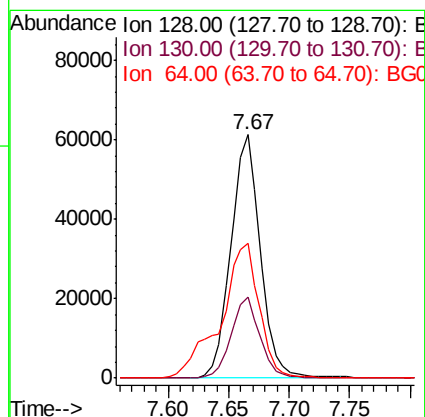
RT: 7.67 min Scan# 779

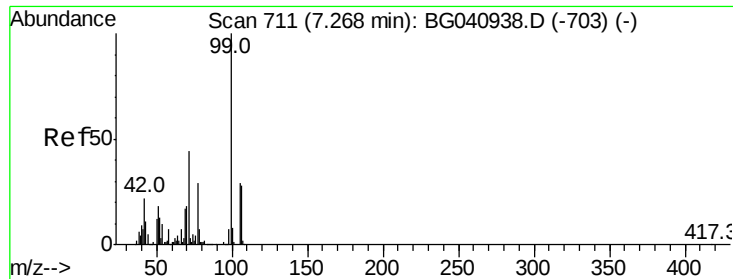
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 103928 |       |       |
| 130     | 33.2  | 16.6   | 56.6  |       |
| 64      | 55.4  | 37.8   | 77.8  |       |





#9

Benzaldehyde

Concen: 41.417 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

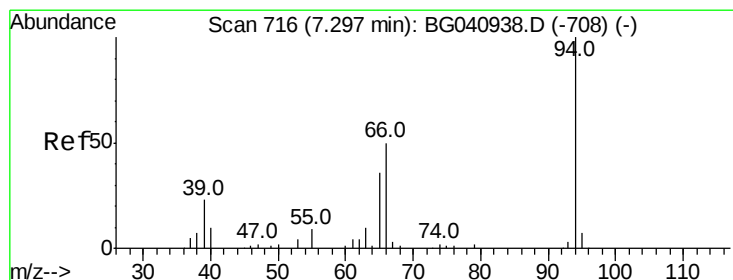
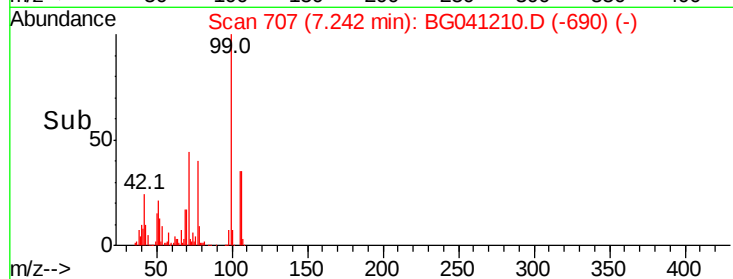
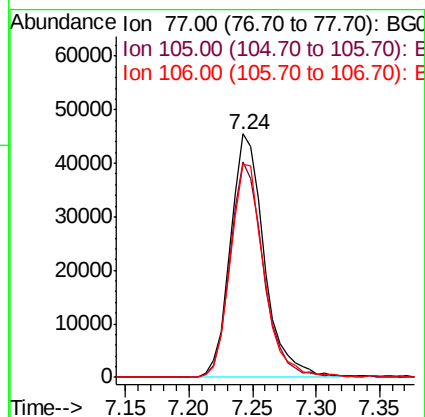
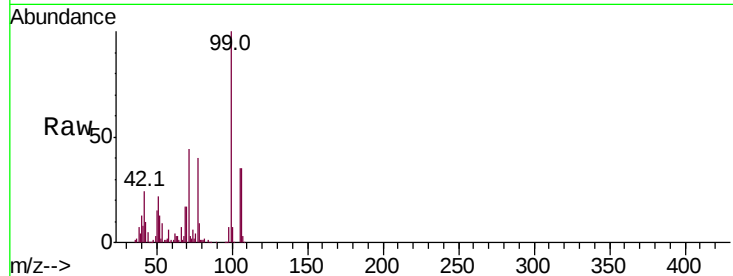
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 83899 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 88.4  | 78.9  | 118.9 |
| 106      | 87.7  | 76.7  | 116.7 |

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#10

Phenol

Concen: 40.164 ng

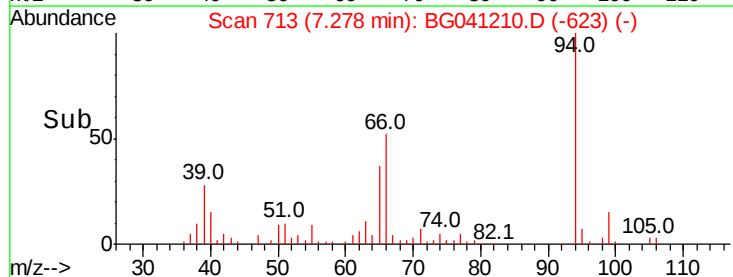
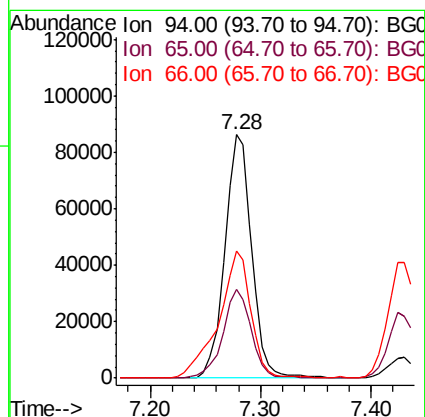
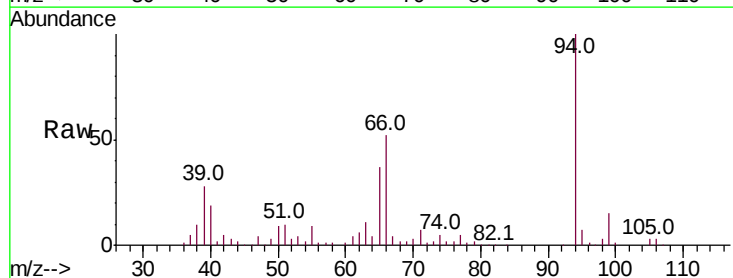
RT: 7.28 min Scan# 713

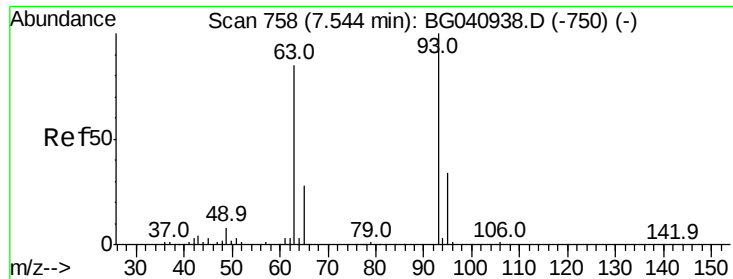
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 146238 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 36.5  | 17.0  | 57.0   |
| 66       | 52.3  | 32.4  | 72.4   |





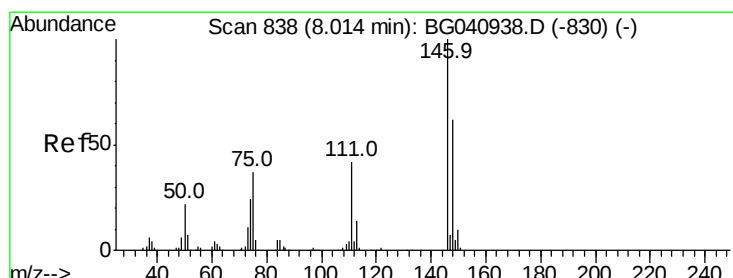
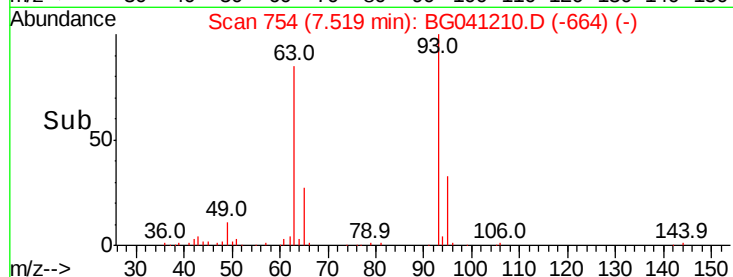
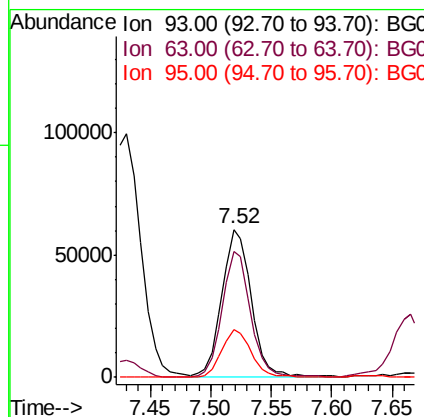
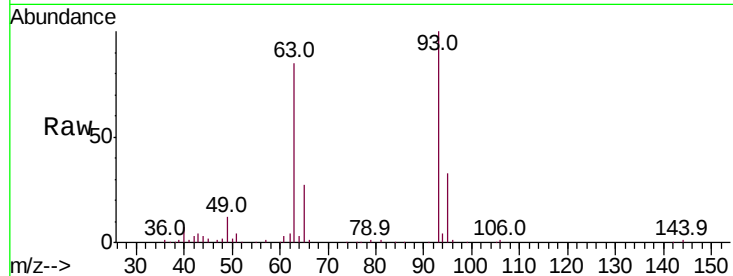
#11  
bis(2-Chloroethyl)ether  
Concen: 39.031 ng  
RT: 7.52 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 84.9  | 64.5  | 104.5 |
| 95      | 32.6  | 13.3  | 53.3  |

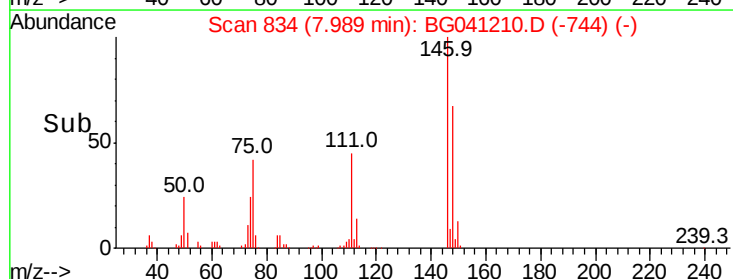
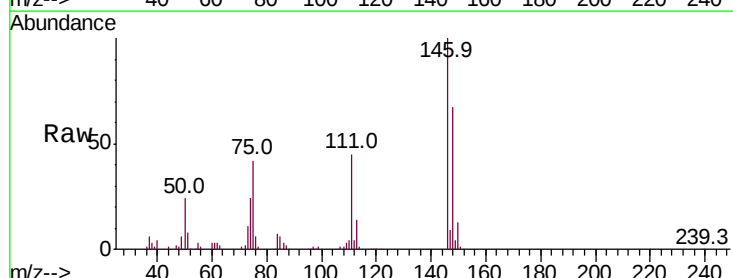
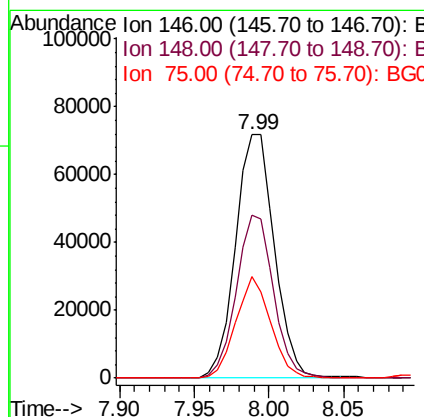
Manual Integrations  
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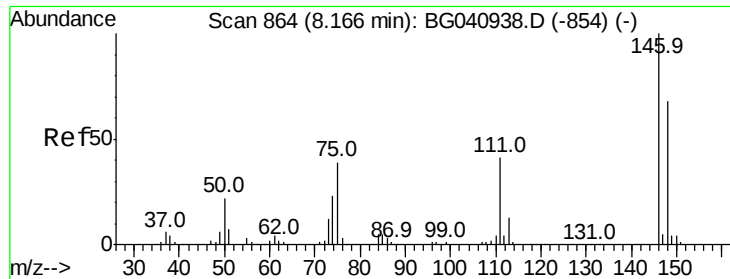
mohammad  
6/14/2019 8:36:44 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.372 ng  
RT: 7.99 min Scan# 834  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.9  | 49.2  | 73.8  |
| 75      | 41.8  | 29.4  | 44.0  |





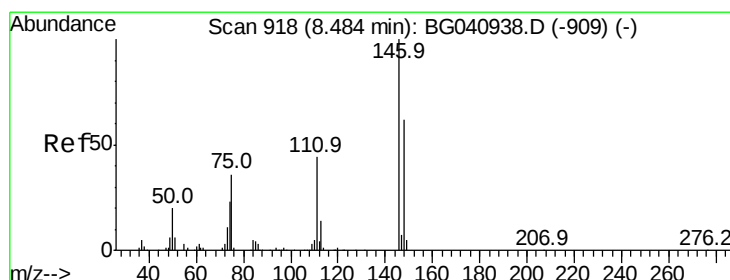
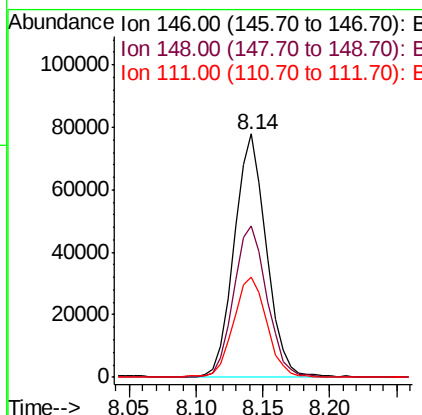
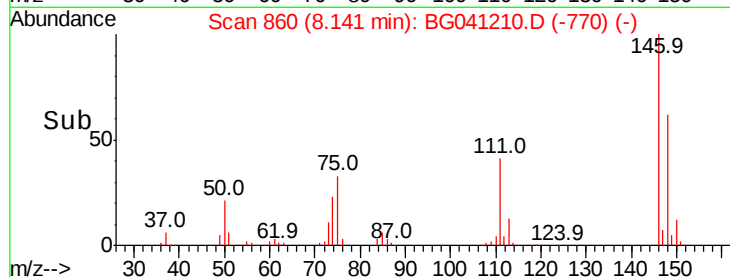
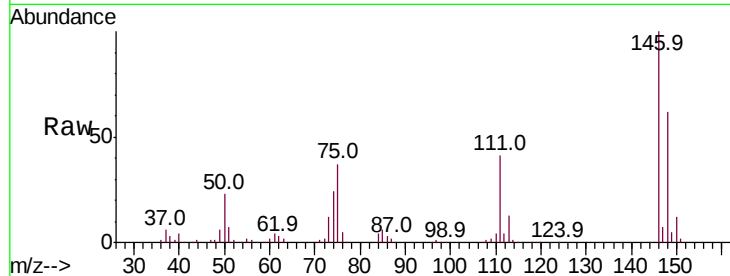
#13  
 1,4-Dichlorobenzene  
 Concen: 41.057 ng  
 RT: 8.14 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 54.2  | 81.4  |
| 111     | 41.0  | 32.9  | 49.3  |

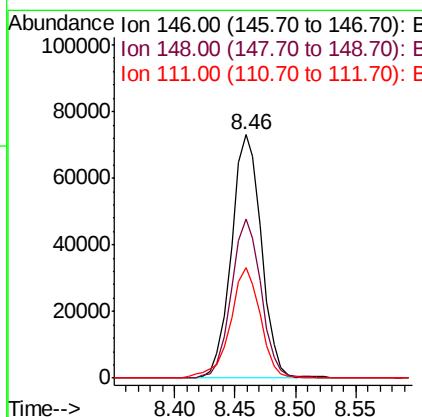
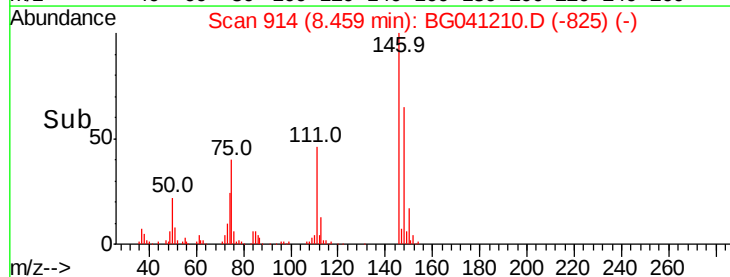
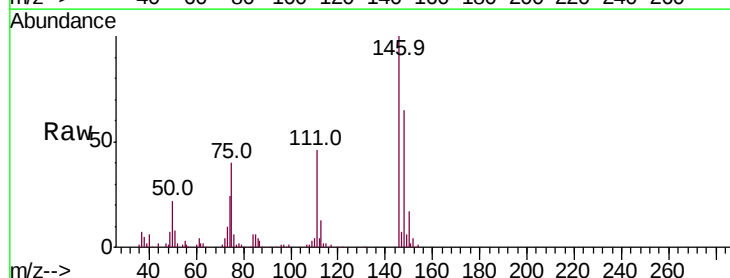
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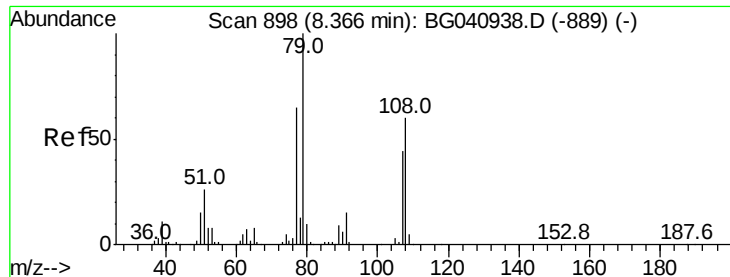
mohammad  
 6/14/2019 8:36:44 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 40.998 ng  
 RT: 8.46 min Scan# 914  
 Delta R.T. -0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.5  | 49.8  | 74.6  |
| 111     | 45.5  | 35.0  | 52.4  |





#15

Benzyl Alcohol

Concen: 39.233 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

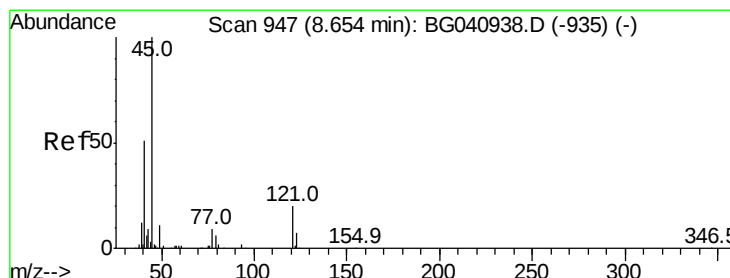
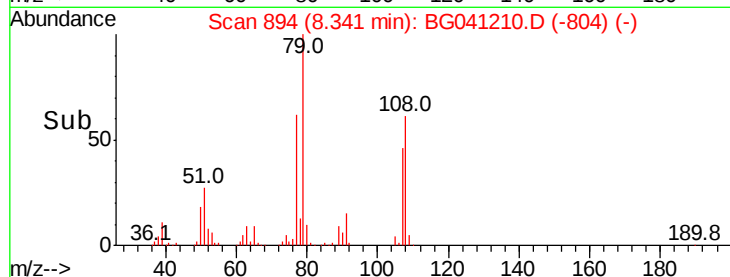
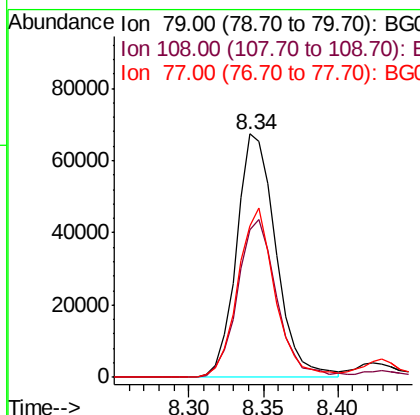
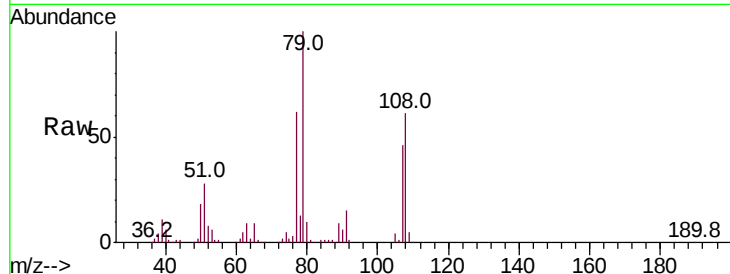
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 123241 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 60.5  | 48.3  | 72.5   |
| 77        | 62.3  | 52.3  | 78.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.173 ng

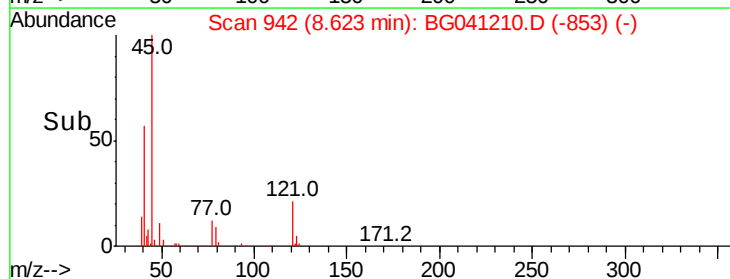
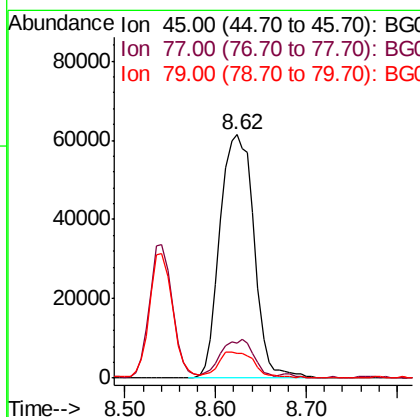
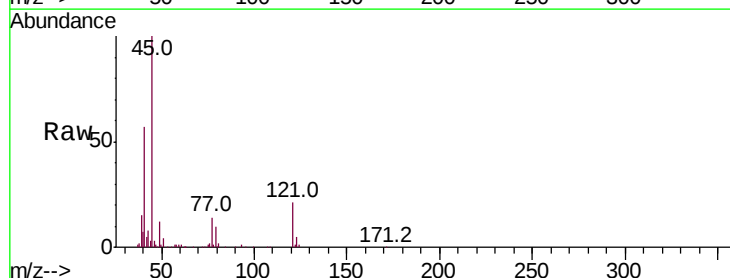
RT: 8.62 min Scan# 942

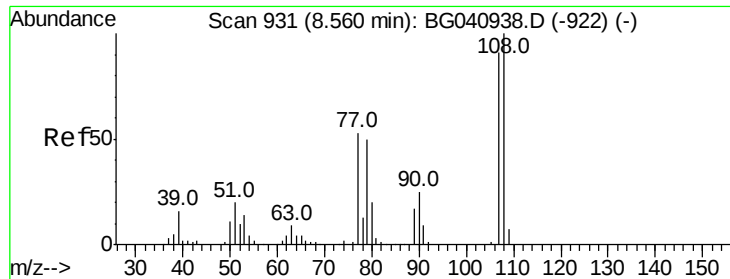
Delta R.T. -0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 160446 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.1  | 0.0   | 33.7   |
| 79        | 10.1  | 0.0   | 30.2   |





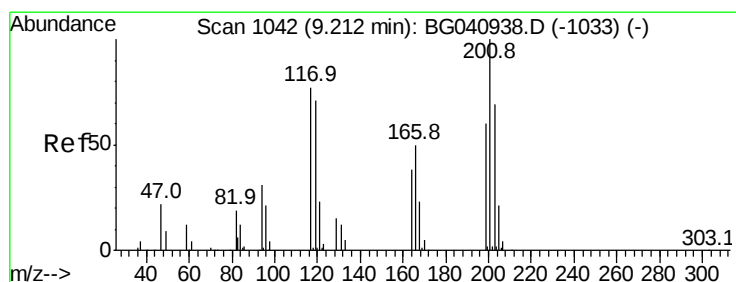
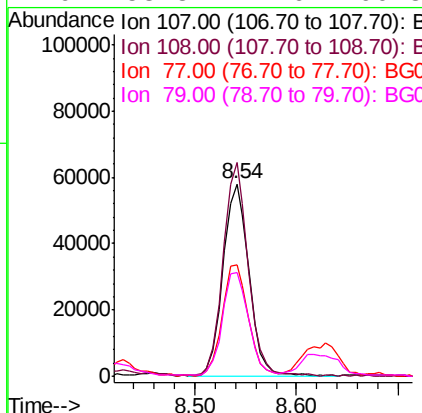
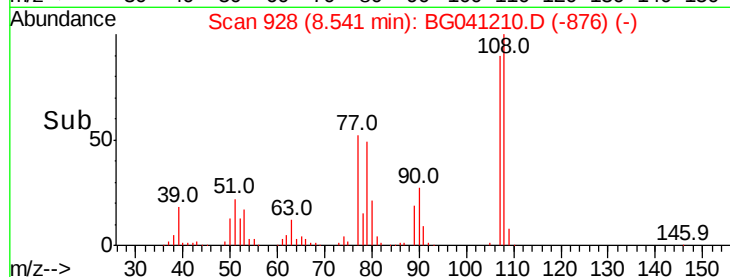
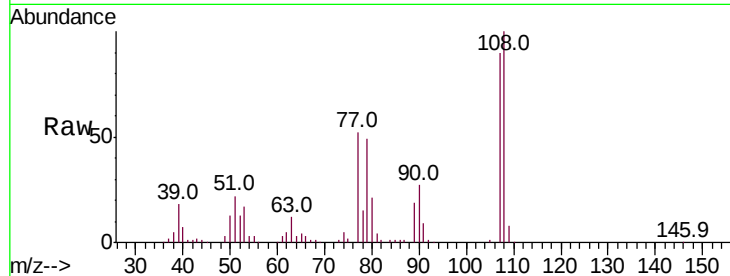
#17  
2-Methylphenol  
Concen: 39.112 ng  
RT: 8.54 min Scan# 928  
Delta R.T. 0.01 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.0 | 87.7 | 131.5 |       |
| 77      | 58.1  | 46.6 | 70.0  |       |
| 79      | 53.8  | 44.6 | 66.8  |       |

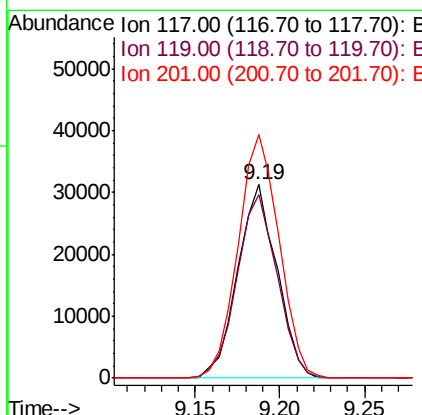
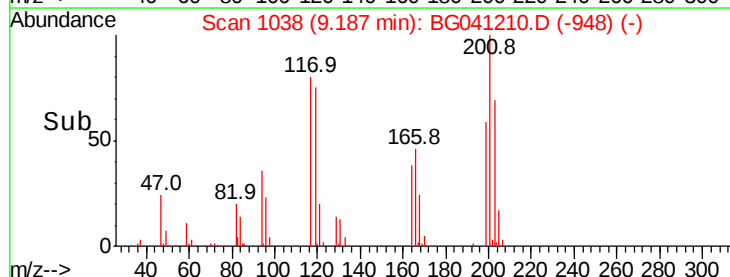
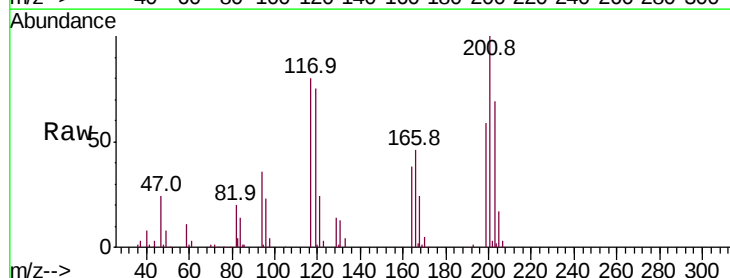
Manual Integrations  
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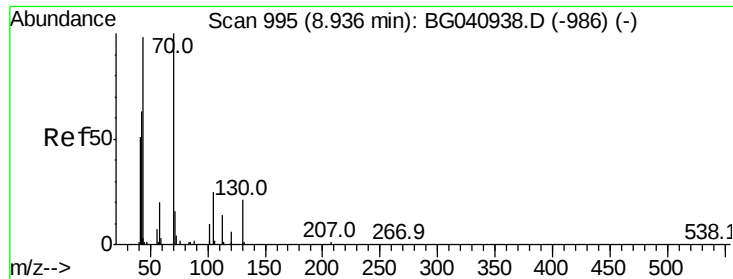
mohammad  
6/14/2019 8:36:44 AM



#18  
Hexachloroethane  
Concen: 41.337 ng  
RT: 9.19 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 94.6  | 75.0  | 112.6 |       |
| 201     | 128.9 | 103.5 | 155.3 |       |





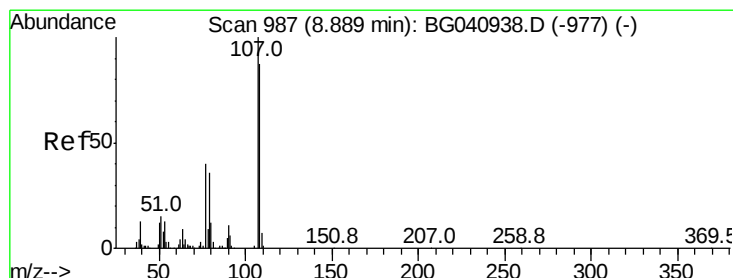
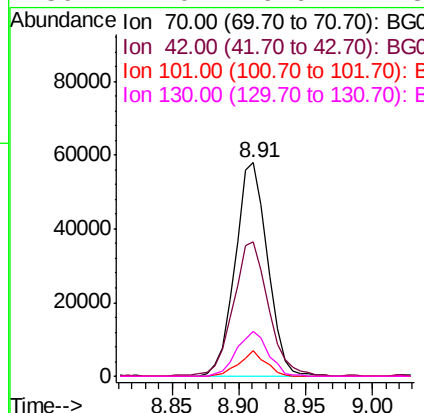
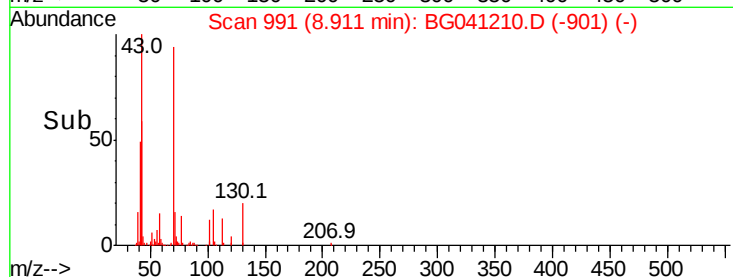
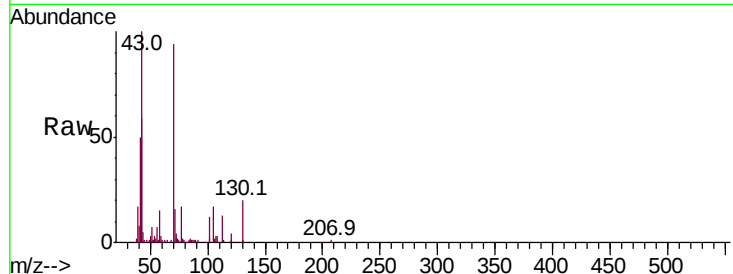
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.400 ng  
RT: 8.91 min Scan# 991  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 62.9 | 51.5  | 77.3  |       |
| 101     | 12.3 | 8.1   | 12.1  |       |
| 130     | 21.0 | 16.6  | 24.8  |       |

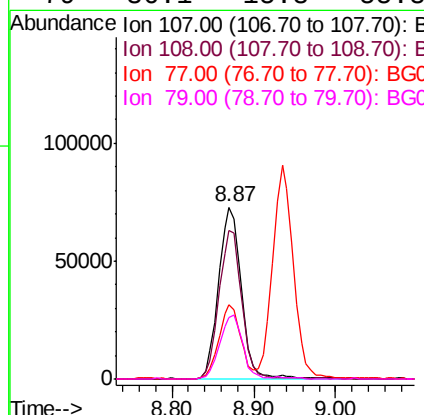
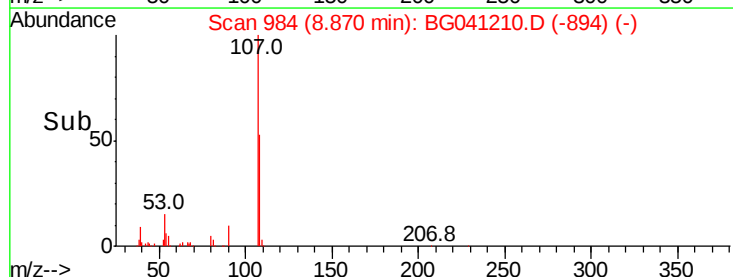
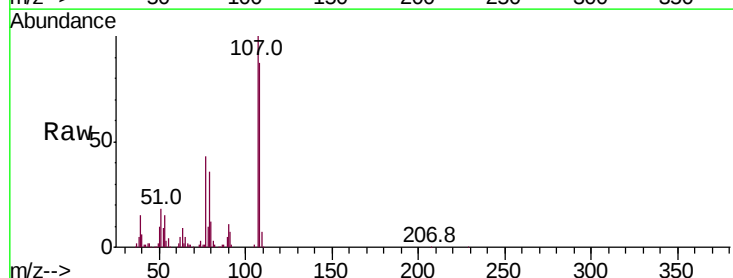
Manual Integrations  
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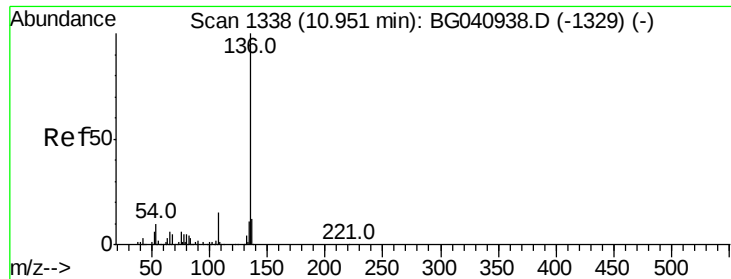
mohammad  
6/14/2019 8:36:44 AM



#20  
3+4-Methylphenols  
Concen: 38.909 ng  
RT: 8.87 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.7 | 66.8  | 106.8 |       |
| 77      | 43.1 | 20.5  | 60.5  |       |
| 79      | 36.1 | 15.8  | 55.8  |       |





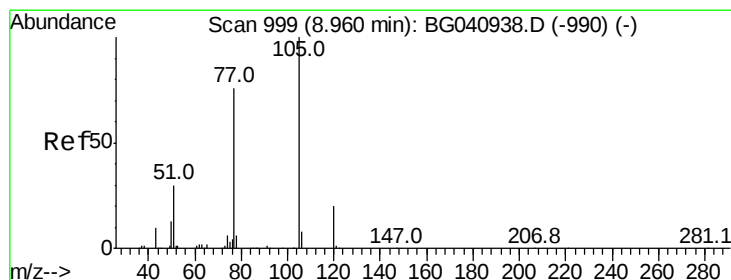
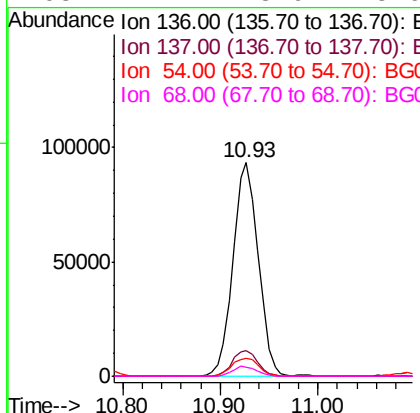
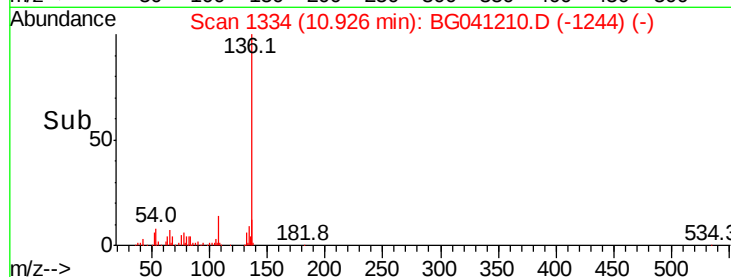
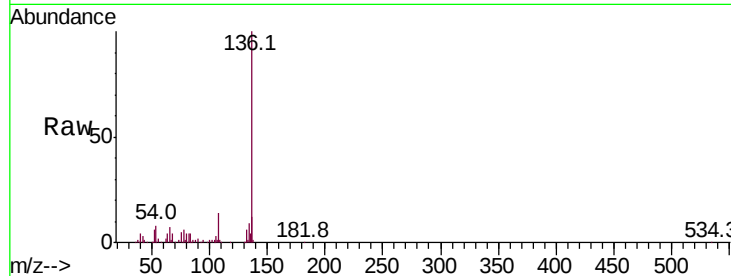
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 167805 |       |       |
| 137     | 12.1  | 9.5    | 14.3  |       |
| 54      | 8.4   | 7.6    | 11.4  |       |
| 68      | 4.1   | 3.9    | 5.9   |       |

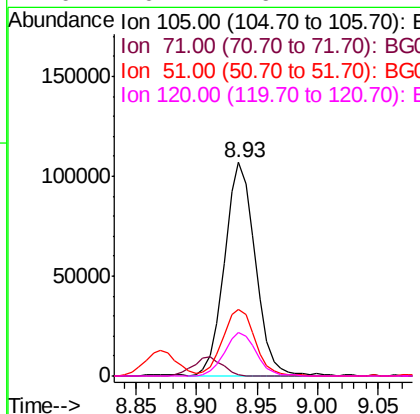
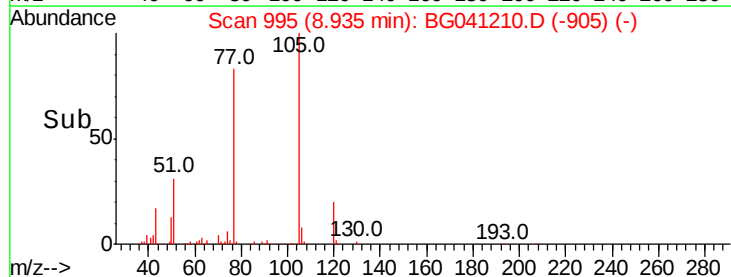
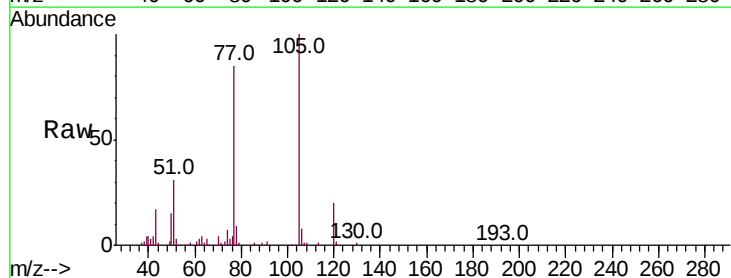
Manual Integrations  
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6/14/2019 8:36:44 AM



#22  
Acetophenone  
Concen: 39.889 ng  
RT: 8.93 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 187766 |       |       |
| 71      | 0.6   | 0.4    | 0.6   |       |
| 51      | 31.3  | 27.0   | 40.6  |       |
| 120     | 20.4  | 16.2   | 24.4  |       |





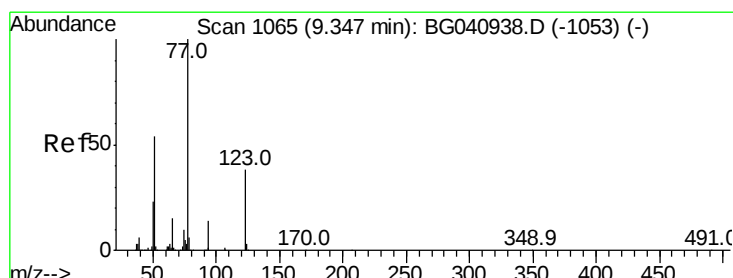
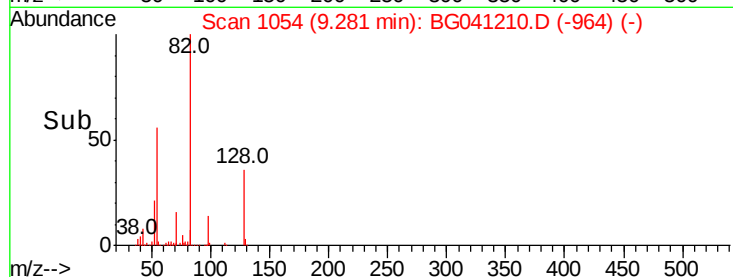
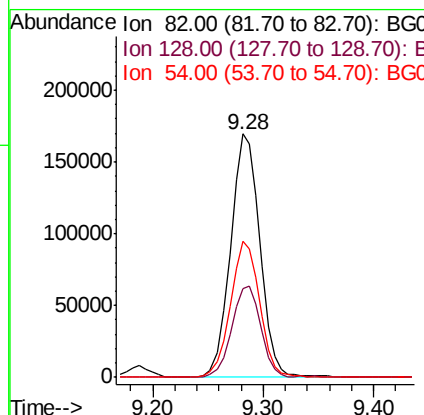
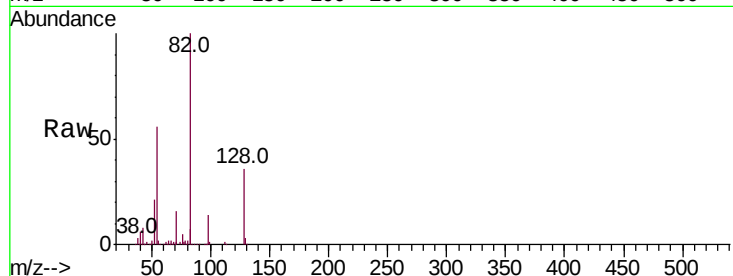
#23  
 Nitrobenzene-d5  
 Concen: 83.539 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.3  | 30.5  | 45.7  |
| 54      | 55.7  | 44.6  | 66.8  |

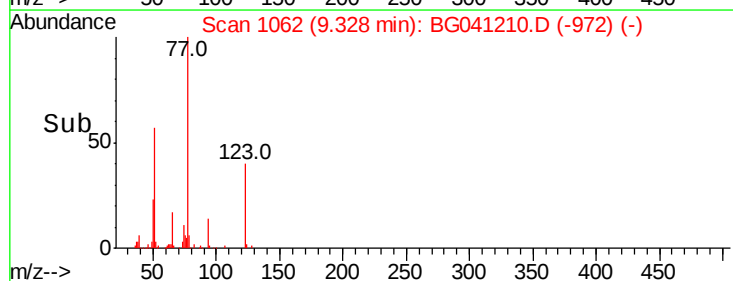
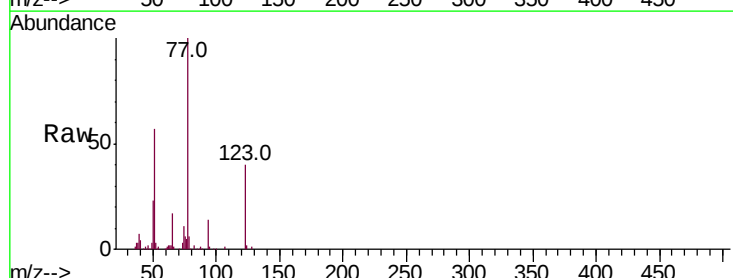
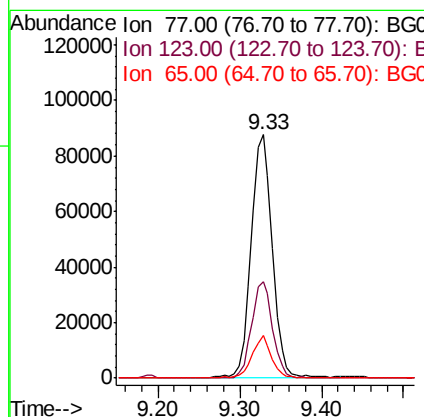
Manual Integrations  
 APPROVED

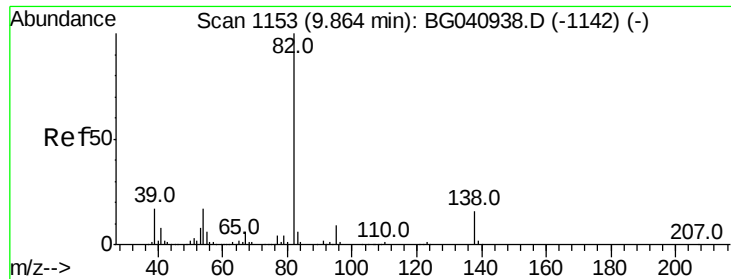
mohammad  
 6/14/2019 8:36:44 AM



#24  
 Nitrobenzene  
 Concen: 41.290 ng  
 RT: 9.33 min Scan# 1062  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.8  | 30.6  | 46.0  |
| 65      | 17.3  | 12.3  | 18.5  |





#25

Isophorone

Concen: 38.580 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

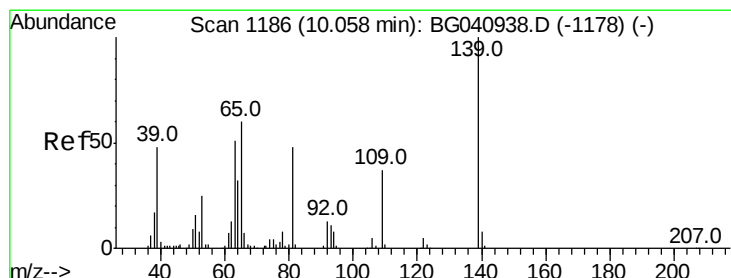
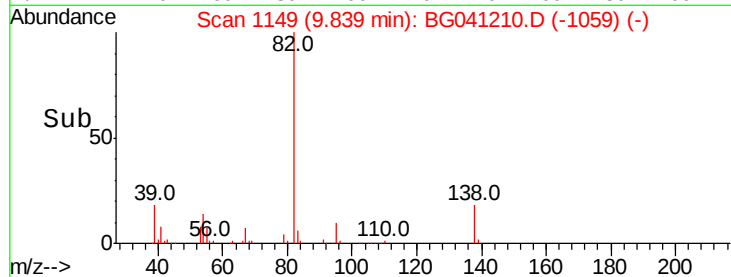
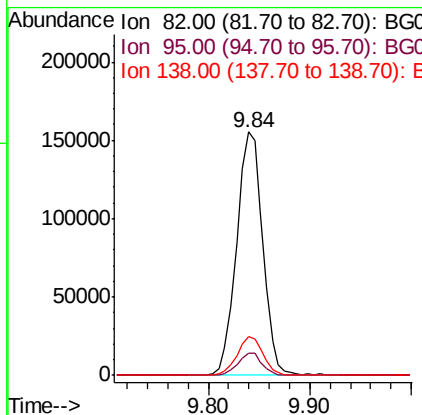
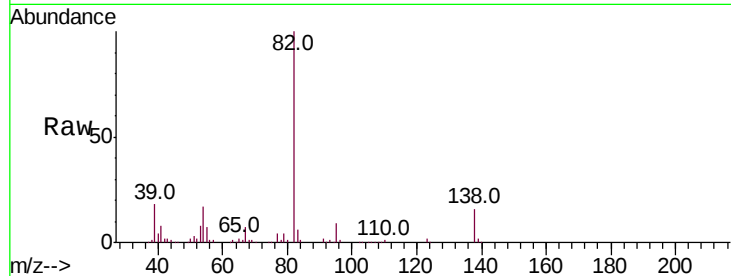
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 277528 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 9.0   | 7.0   | 10.4   |
| 138       | 16.0  | 12.6  | 19.0   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 43.432 ng

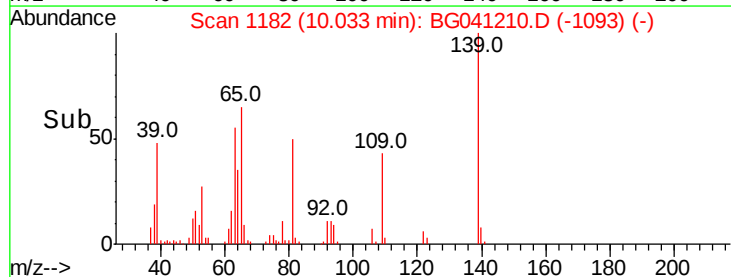
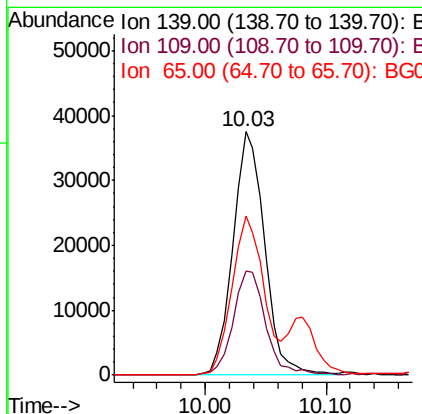
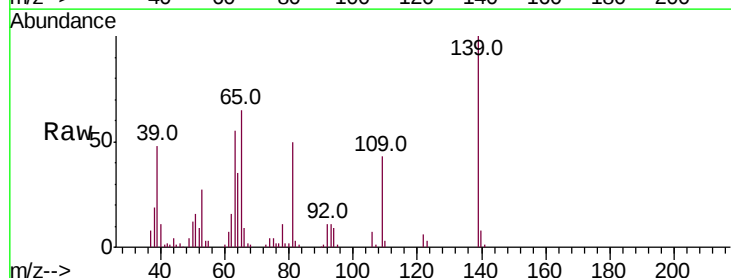
RT: 10.03 min Scan# 1182

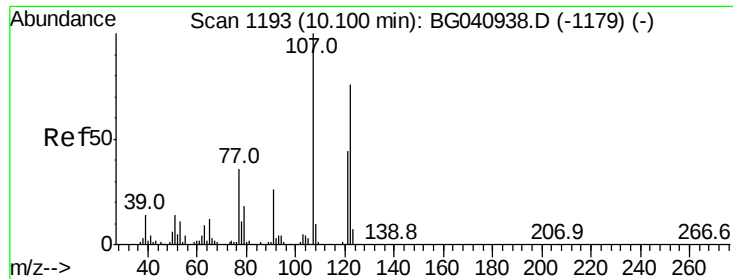
Delta R.T. -0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 68971 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 42.9  | 29.8  | 44.6  |
| 65        | 65.5  | 47.8  | 71.6  |





#27

2,4-Dimethylphenol

Concen: 38.818 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

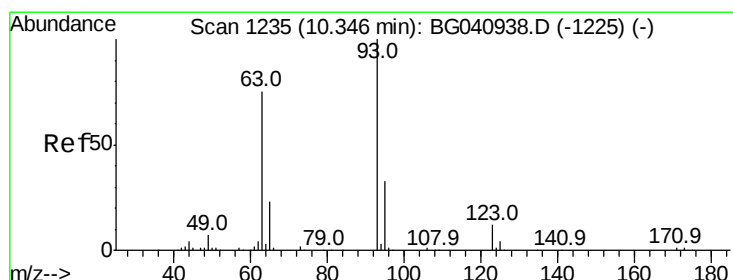
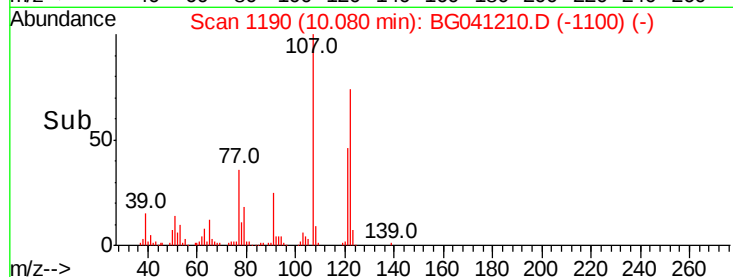
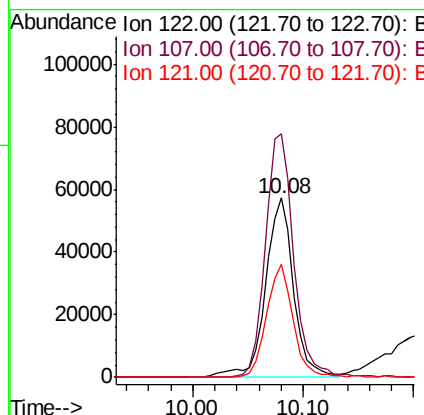
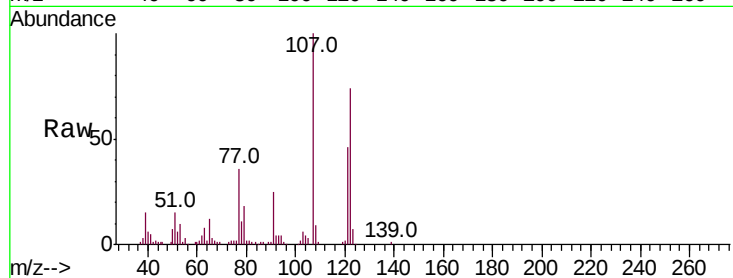
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 136.0 | 105.9 | 158.9 |
| 121     | 63.2  | 46.2  | 69.4  |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 38.451 ng

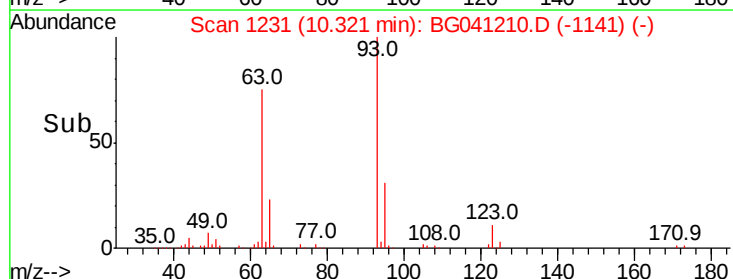
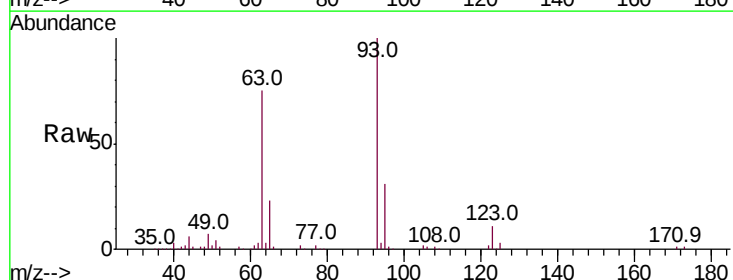
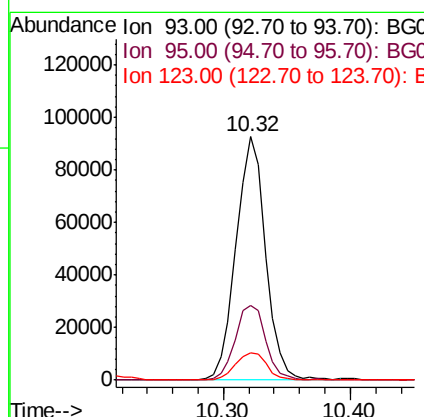
RT: 10.32 min Scan# 1231

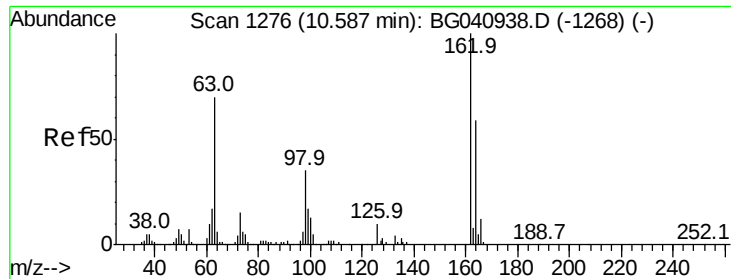
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.6  | 26.2  | 39.2  |
| 123     | 11.0  | 9.5   | 14.3  |





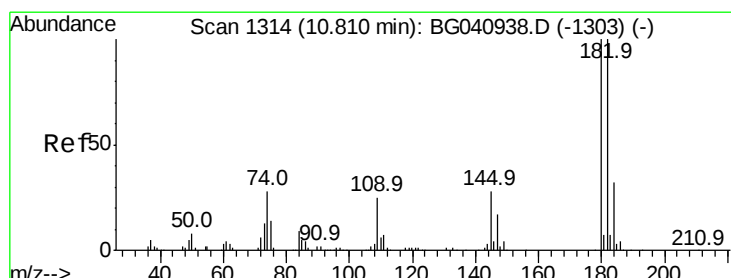
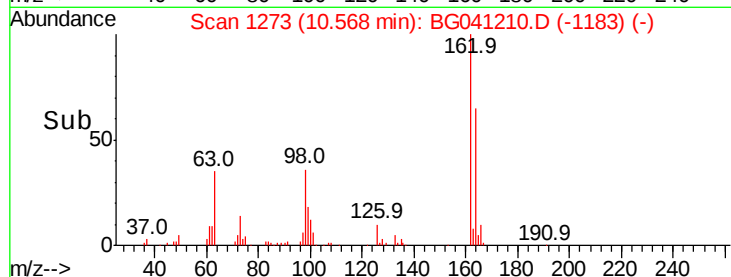
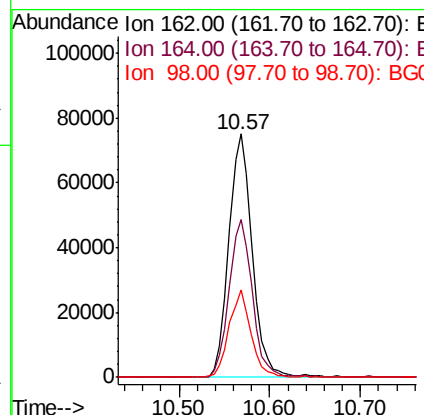
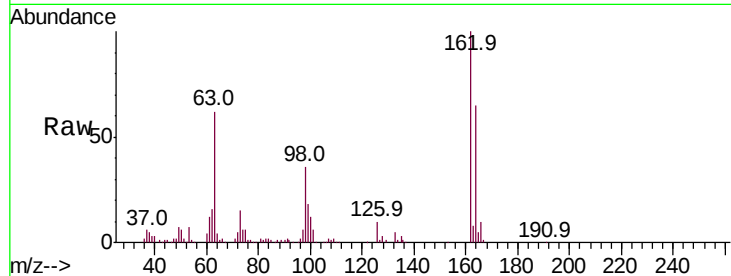
#29  
2,4-Dichlorophenol  
Concen: 40.412 ng  
RT: 10.57 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 134594 |       |       |
| 164     | 64.6  | 39.4   | 79.4  |       |
| 98      | 35.8  | 15.3   | 55.3  |       |

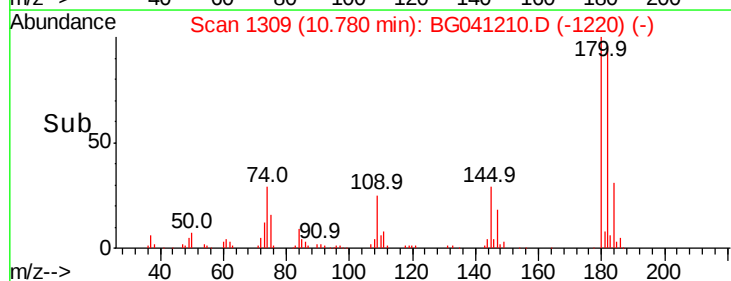
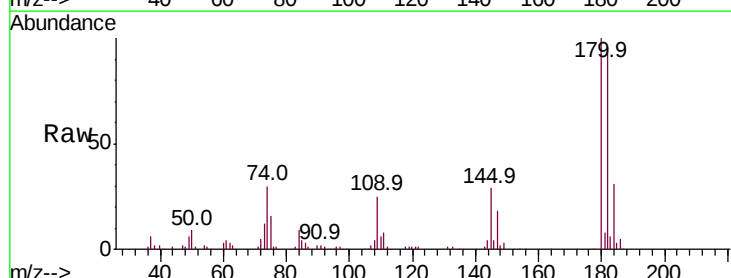
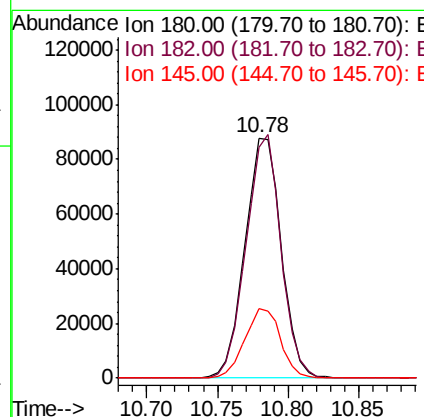
Manual Integrations  
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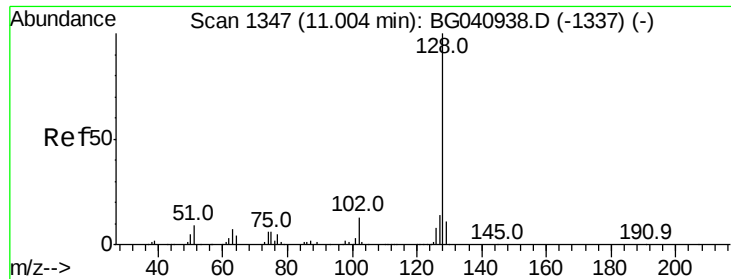
mohammad  
6/14/2019 8:36:44 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 41.738 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 158134 |       |       |
| 182     | 96.2  | 79.7   | 119.5 |       |
| 145     | 29.1  | 22.6   | 34.0  |       |





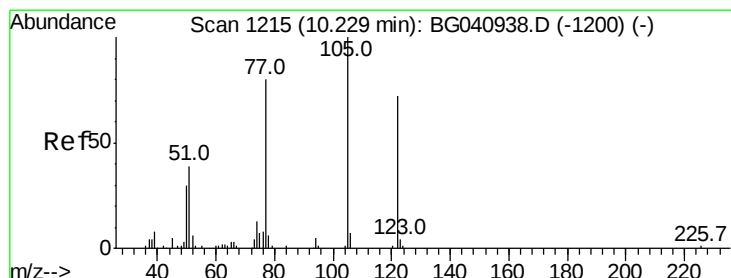
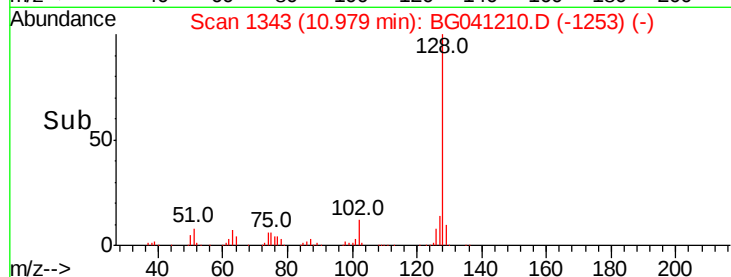
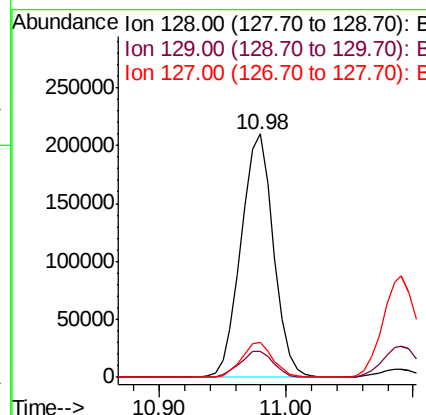
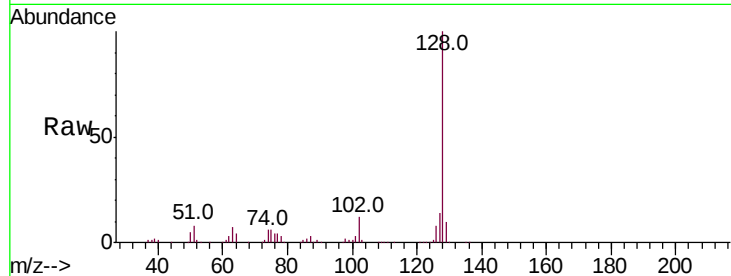
#31  
Naphthalene  
Concen: 41.407 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.5   | 12.7  |
| 127     | 14.4  | 11.4  | 17.2  |

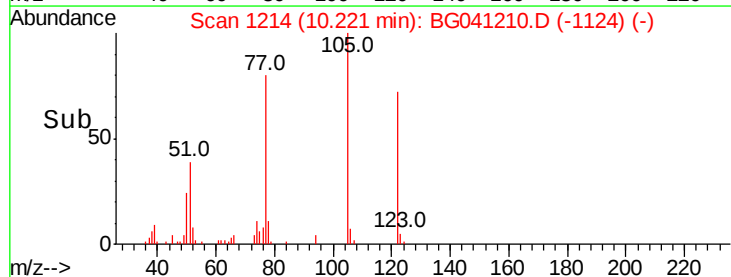
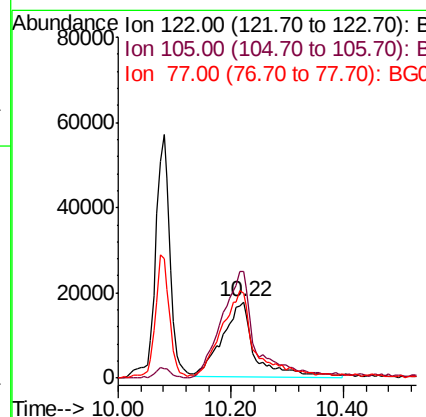
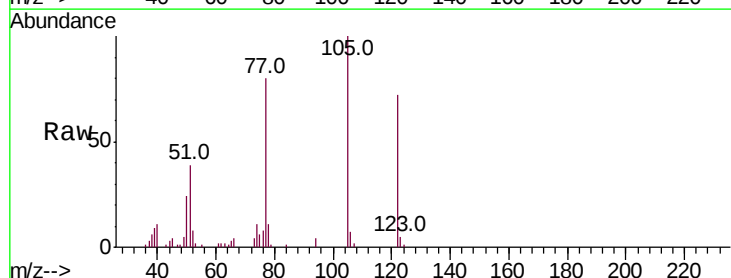
Manual Integrations  
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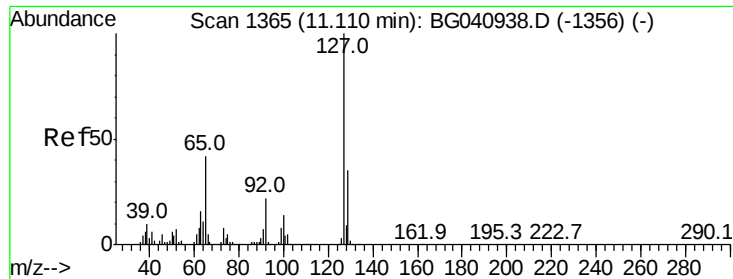
mohammad  
6/14/2019 8:36:44 AM



#32  
Benzoic acid  
Concen: 36.995 ng m  
RT: 10.22 min Scan# 1214  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 139.0 | 114.8 | 154.8 |
| 77      | 111.1 | 89.9  | 129.9 |





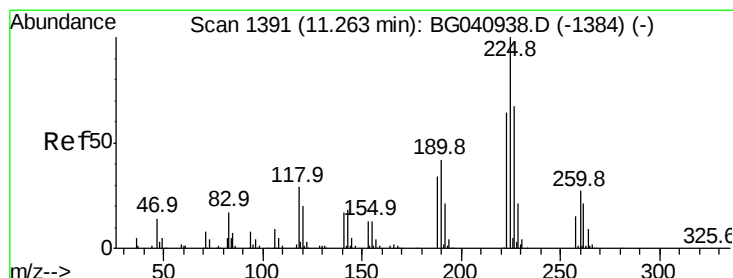
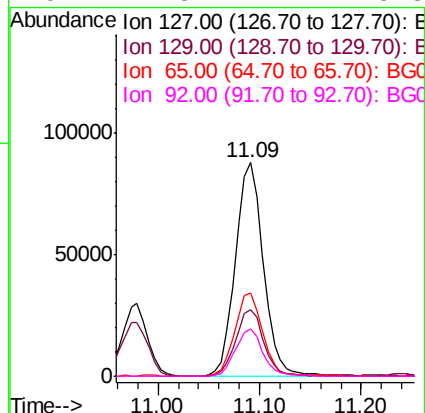
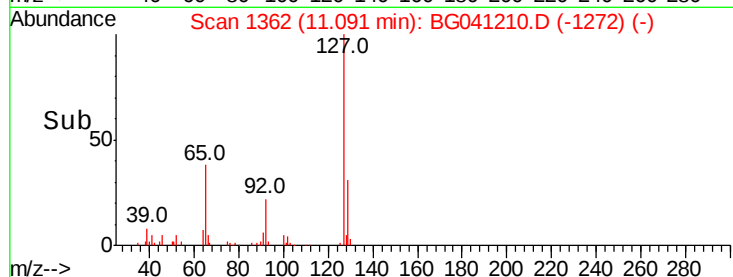
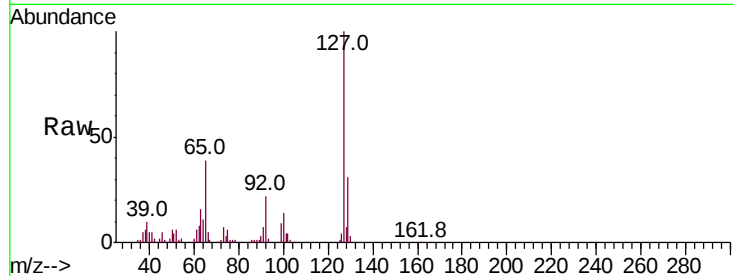
#33  
4-Chloroaniline  
Concen: 40.494 ng  
RT: 11.09 min Scan# 1362  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 30.9  | 27.7 | 41.5  |       |
| 65      | 38.7  | 33.2 | 49.8  |       |
| 92      | 22.3  | 17.2 | 25.8  |       |

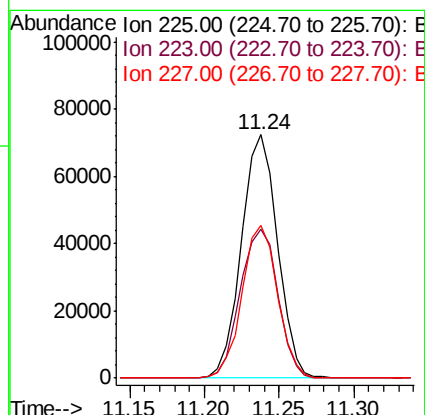
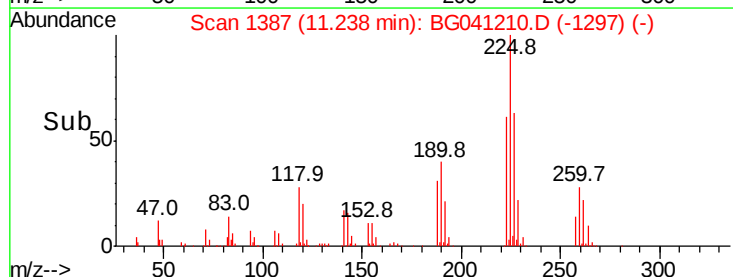
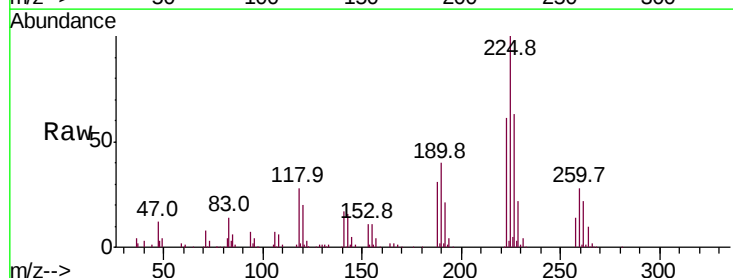
Manual Integrations  
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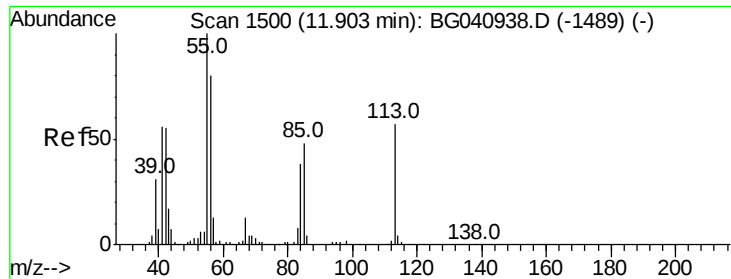
mohammad  
6/14/2019 8:36:44 AM



#34  
Hexachlorobutadiene  
Concen: 41.899 ng  
RT: 11.24 min Scan# 1387  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 60.9  | 48.8 | 73.2  |       |
| 227     | 62.6  | 51.4 | 77.0  |       |





#35

Caprolactam

Concen: 37.671 ng

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 41431

Ion Ratio Lower Upper

113 100

55 172.3 155.9 195.9

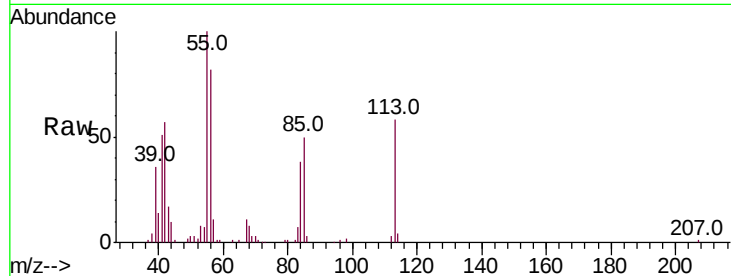
56 141.0 119.9 159.9

Manual Integrations

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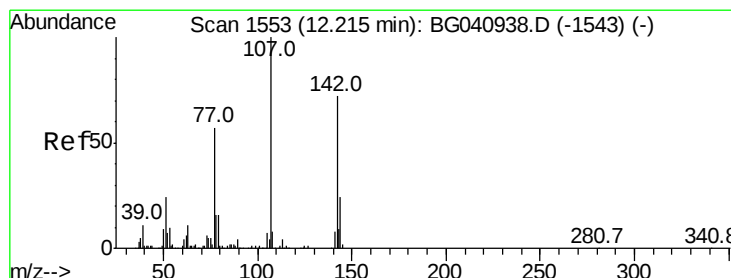
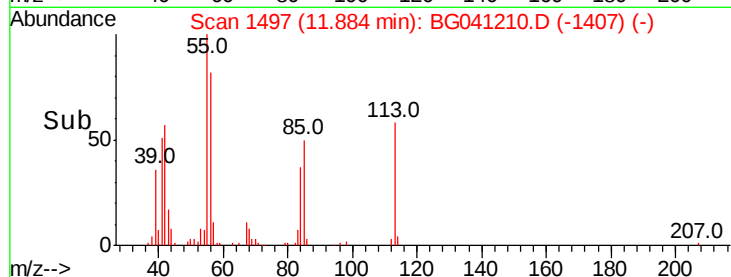
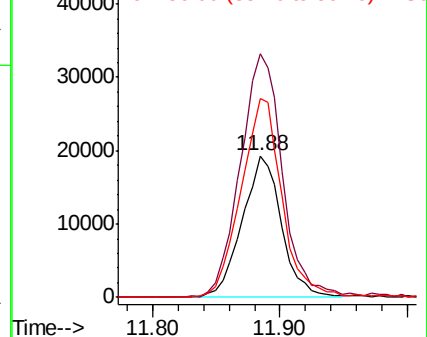
6/14/2019 8:36:44 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.246 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

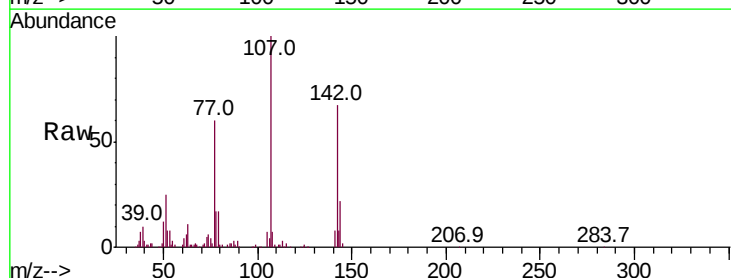
Tgt Ion:107 Resp: 149279

Ion Ratio Lower Upper

107 100

144 22.3 19.4 29.0

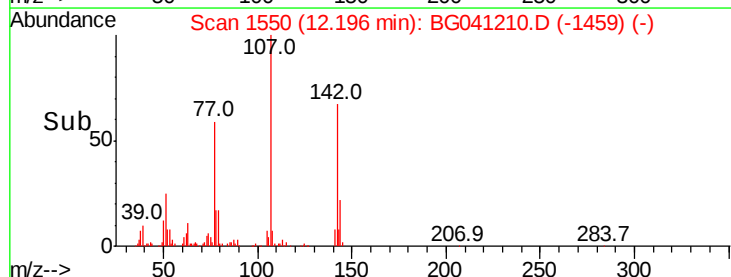
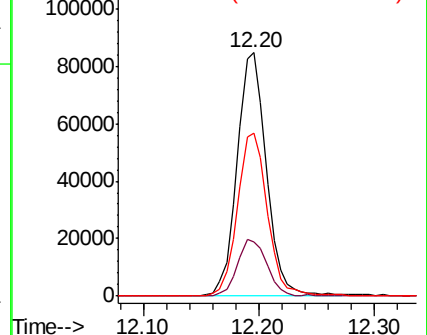
142 67.1 57.3 85.9

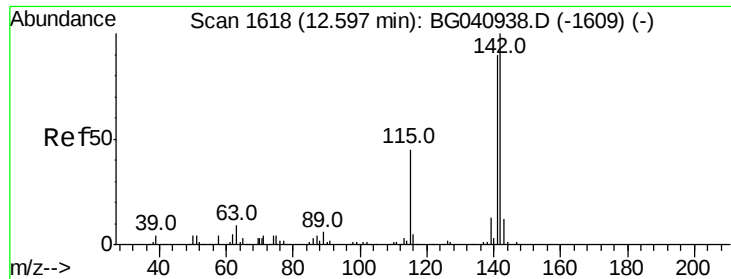


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





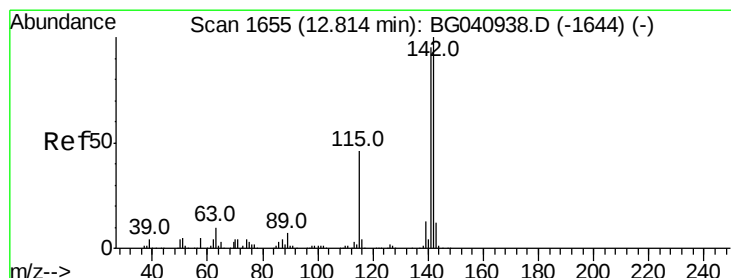
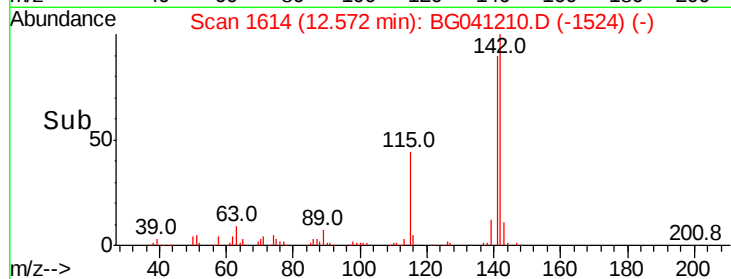
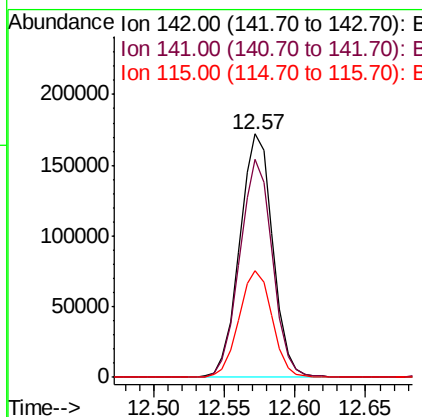
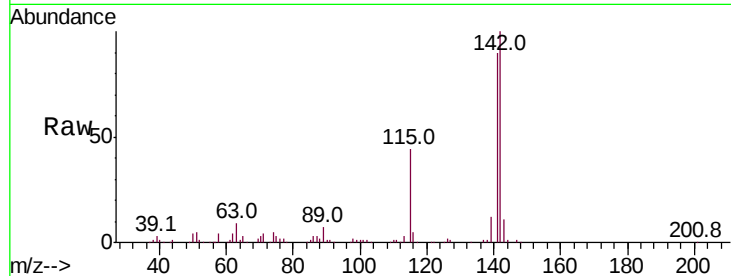
#37  
2-Methylnaphthalene  
Concen: 40.632 ng  
RT: 12.57 min Scan# 1614  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 281945 |       |       |
| 141     | 89.7  | 72.2   | 108.4 |       |
| 115     | 43.8  | 36.2   | 54.4  |       |

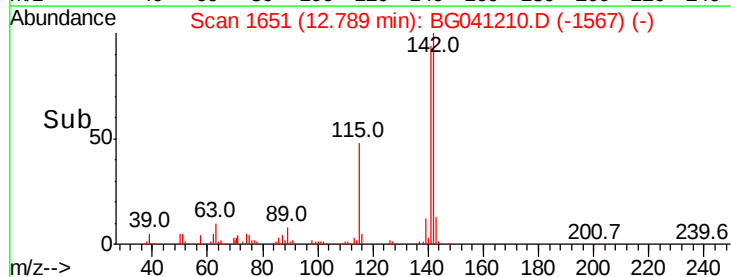
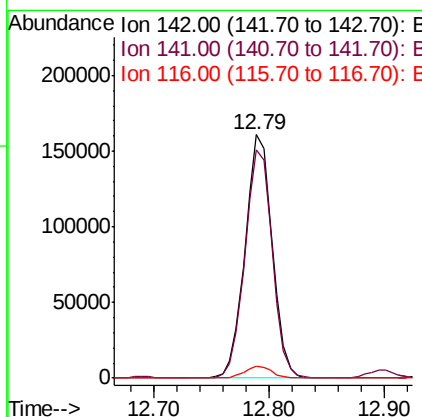
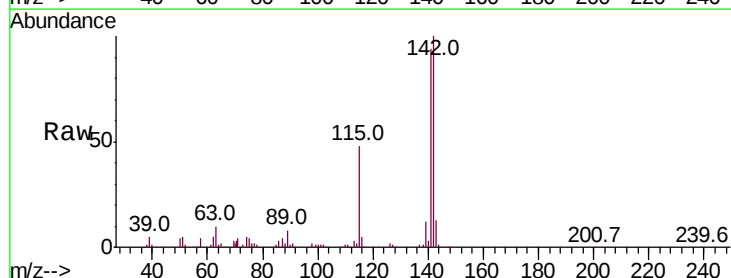
Manual Integrations  
APPROVED

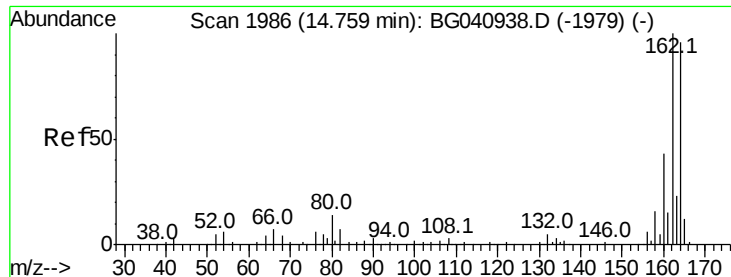
mohammad  
6/14/2019 8:36:44 AM



#38  
1-Methylnaphthalene  
Concen: 40.226 ng  
RT: 12.79 min Scan# 1651  
Delta R.T. -0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 263035 |       |       |
| 141     | 93.8  | 75.7   | 113.5 |       |
| 116     | 4.8   | 3.4    | 5.2   |       |





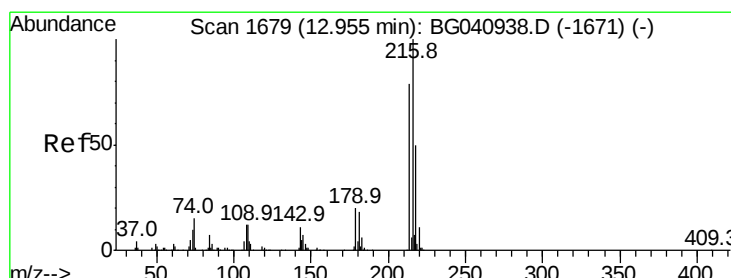
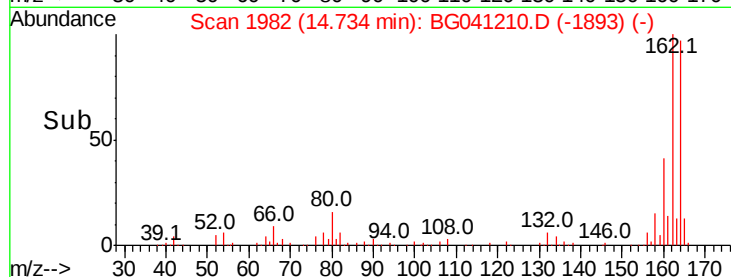
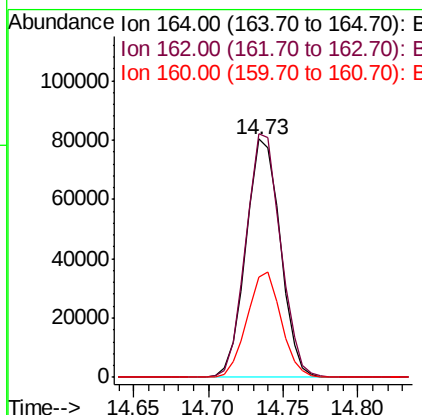
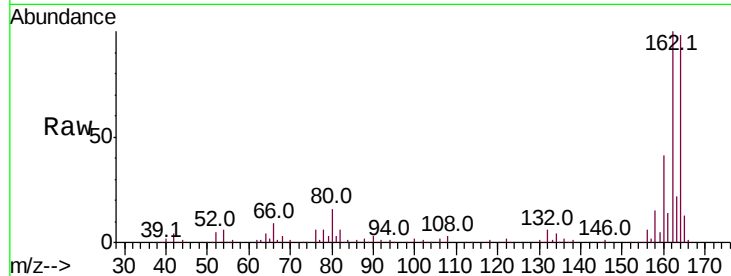
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.73 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.3 | 83.0  | 124.4 |
| 160     | 42.2  | 35.6  | 53.4  |

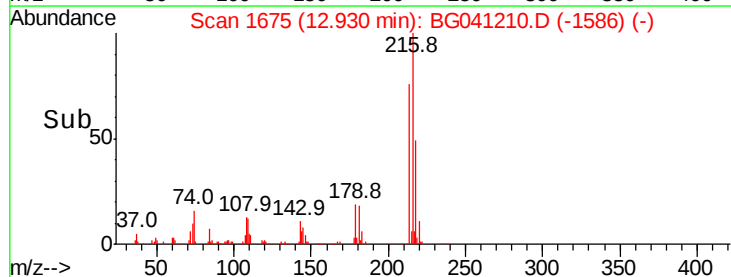
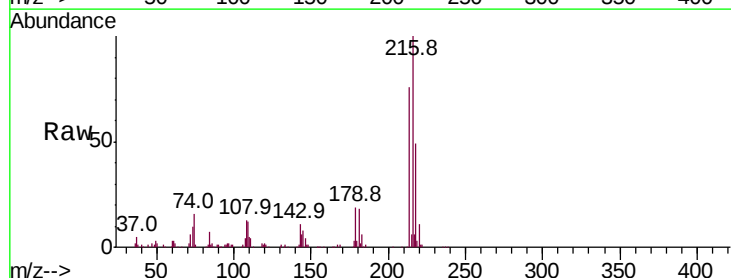
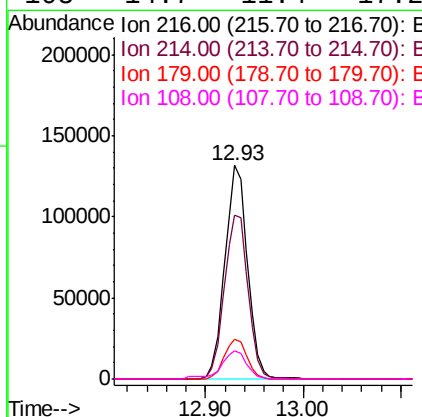
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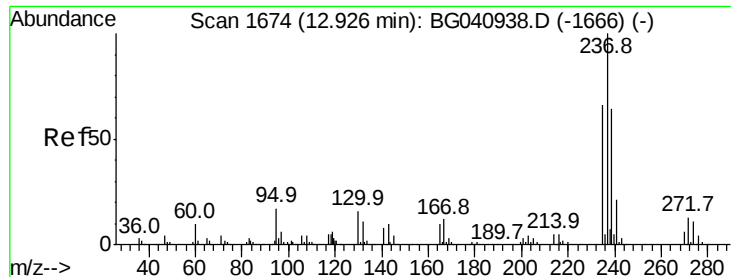
mohammad  
6/14/2019 8:36:44 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.201 ng  
RT: 12.93 min Scan# 1675  
Delta R.T. -0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.2  | 63.4  | 95.2  |
| 179     | 18.9  | 15.2  | 22.8  |
| 108     | 14.7  | 11.4  | 17.2  |





#41

Hexachlorocyclopentadiene

Concen: 39.348 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

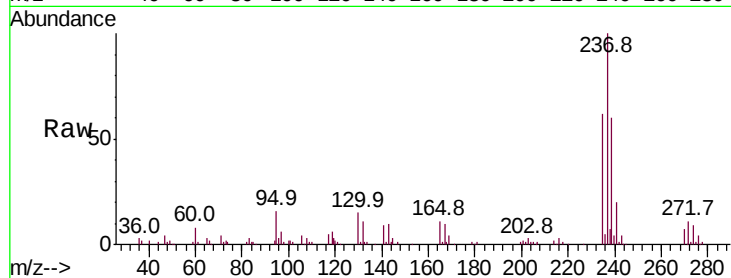
ClientSampleId :

SSTDCCC040

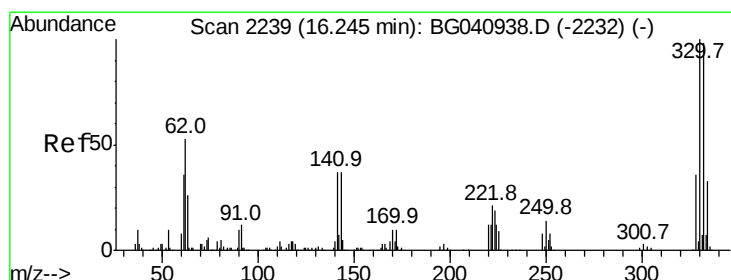
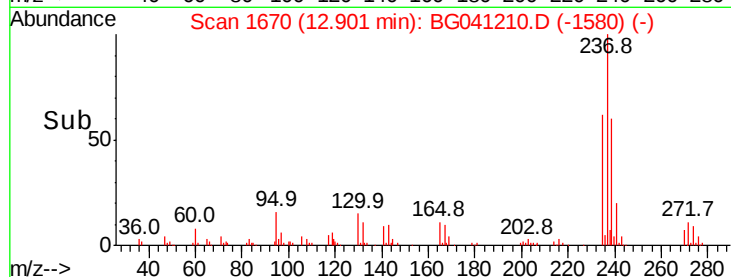
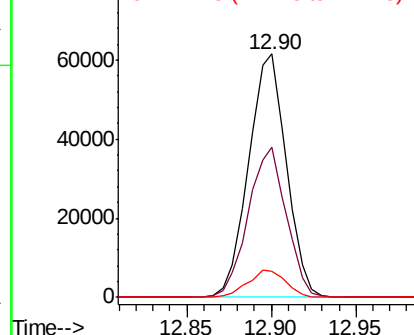
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 95800 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 61.8  | 45.5  | 85.5  |
| 272       | 10.7  | 0.0   | 32.9  |

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



#42

2,4,6-Tribromophenol

Concen: 78.131 ng

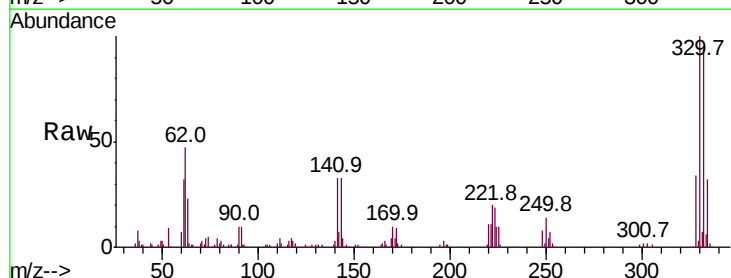
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

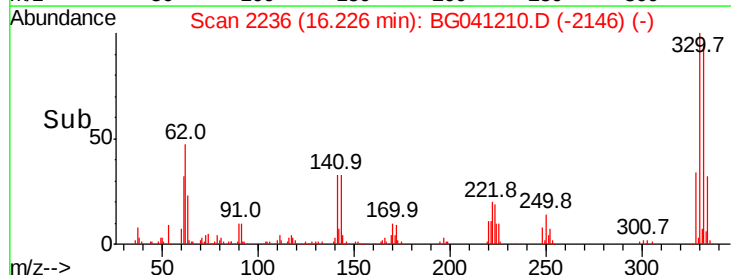
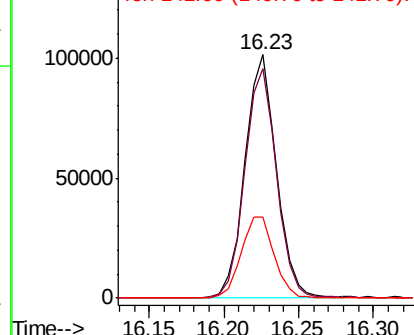
Lab File: BG041210.D

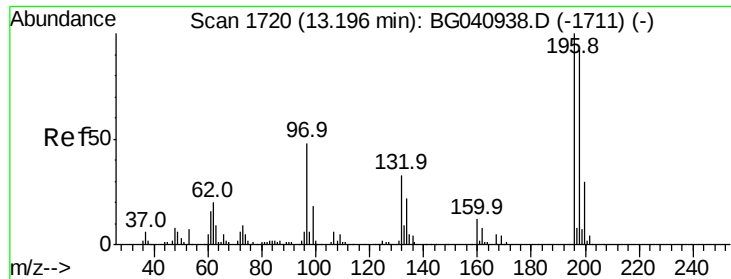
Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 147874 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.4  | 78.5  | 117.7  |
| 141       | 35.2  | 28.7  | 43.1   |



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





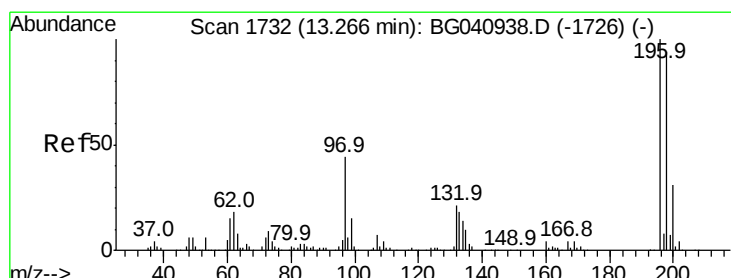
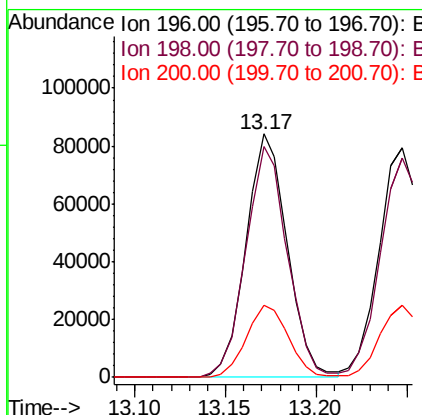
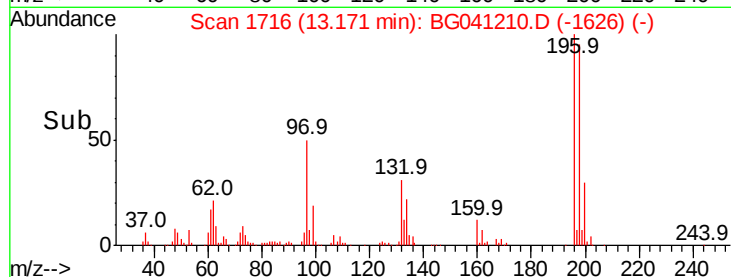
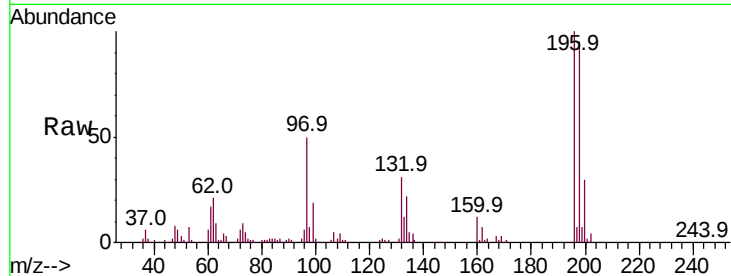
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.177 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 133551 |       |       |
| 198     | 94.9  | 73.8   | 110.6 |       |
| 200     | 29.8  | 24.1   | 36.1  |       |

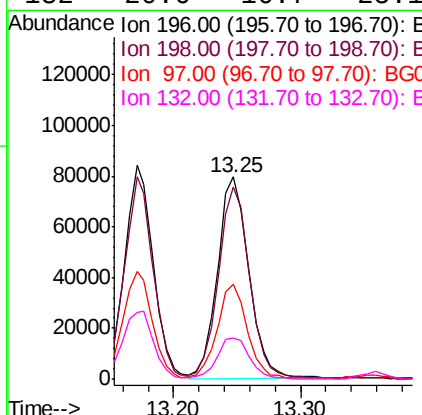
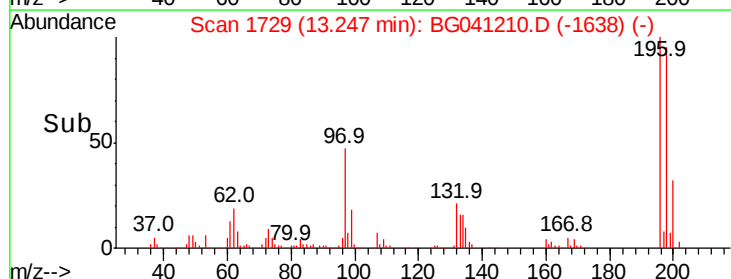
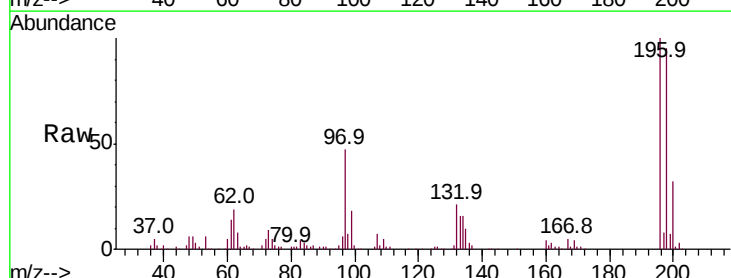
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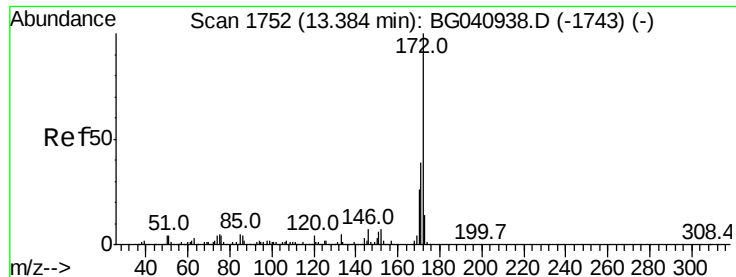
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 38.777 ng  
 RT: 13.25 min Scan# 1729  
 Delta R.T. 0.01 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 135942 |       |       |
| 198     | 95.2  | 75.1   | 112.7 |       |
| 97      | 47.3  | 35.6   | 53.4  |       |
| 132     | 20.6  | 16.7   | 25.1  |       |





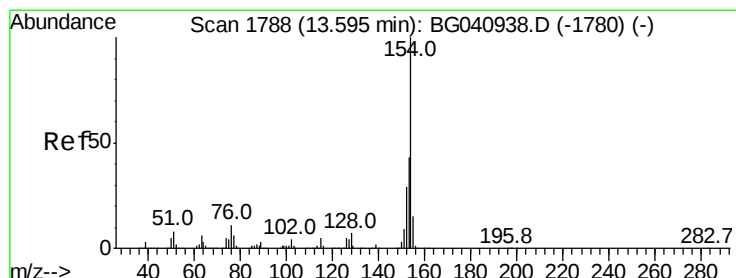
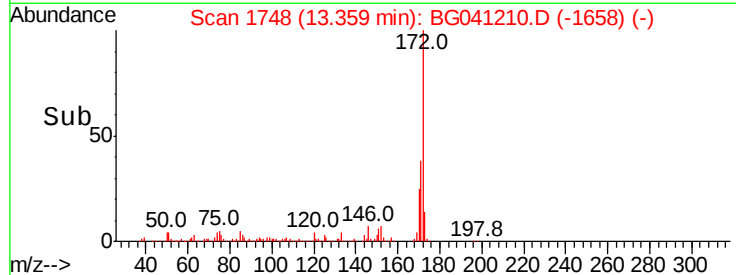
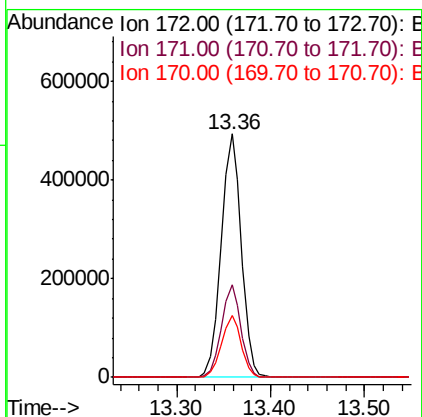
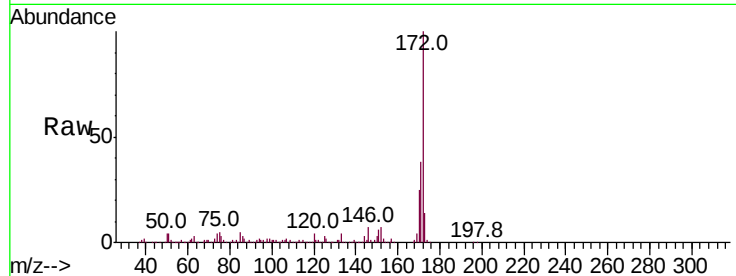
#45  
2-Fluorobiphenyl  
Concen: 83.058 ng  
RT: 13.36 min Scan# 1748  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.9  | 31.1  | 46.7  |
| 170     | 25.2  | 20.5  | 30.7  |

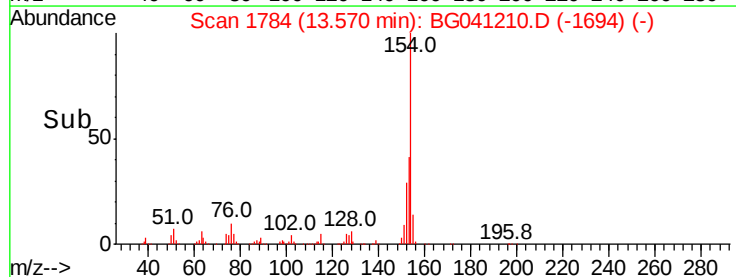
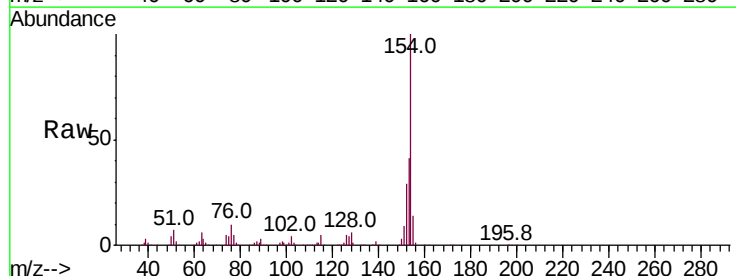
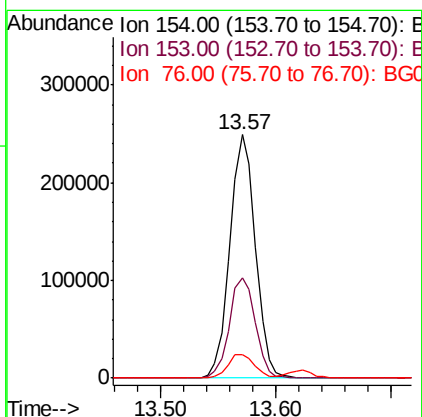
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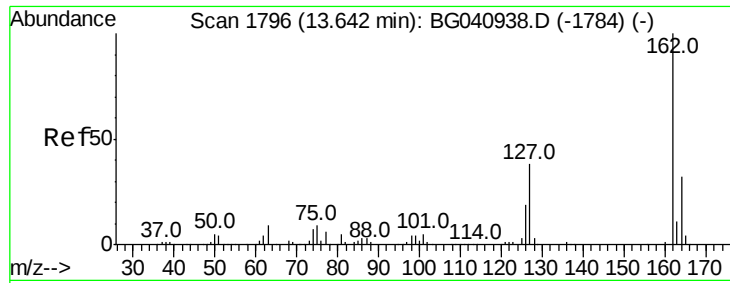
mohammad  
6/14/2019 8:36:44 AM



#46  
1,1'-Biphenyl  
Concen: 40.362 ng  
RT: 13.57 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 23.3  | 63.3  |
| 76      | 9.8   | 0.0   | 31.1  |





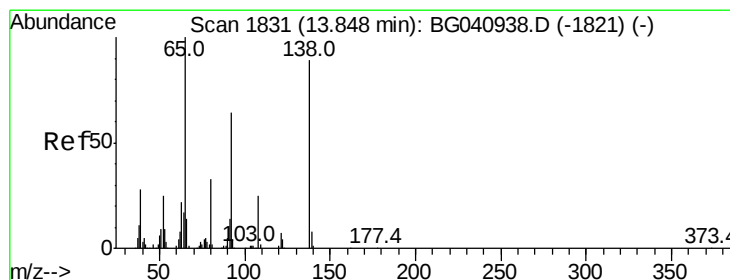
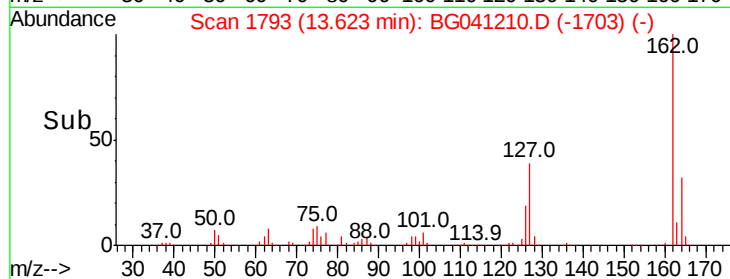
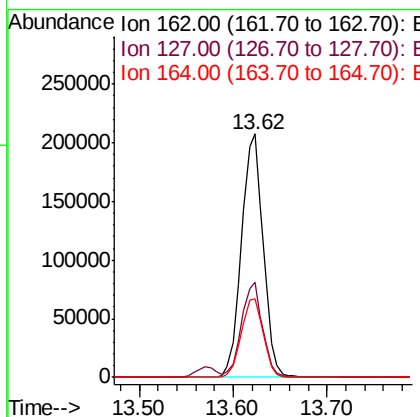
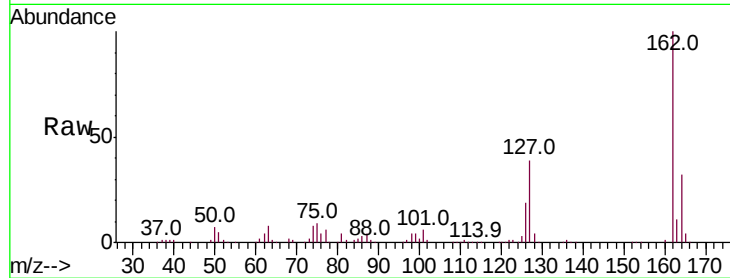
#47  
 2-Chloronaphthalene  
 Concen: 40.920 ng  
 RT: 13.62 min Scan# 1793  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 331506 |       |       |
| 127     | 39.0  |        | 30.5  | 45.7  |
| 164     | 32.5  |        | 25.8  | 38.6  |

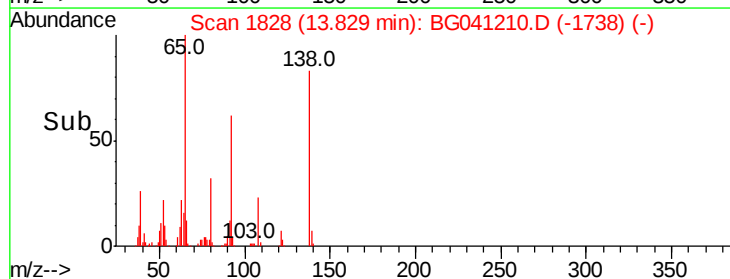
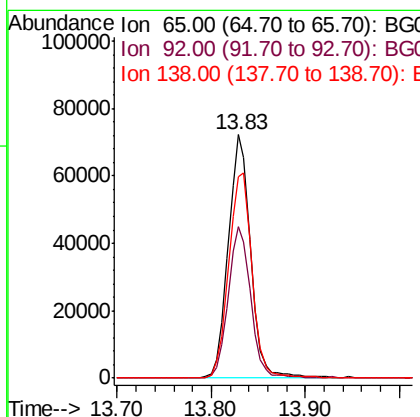
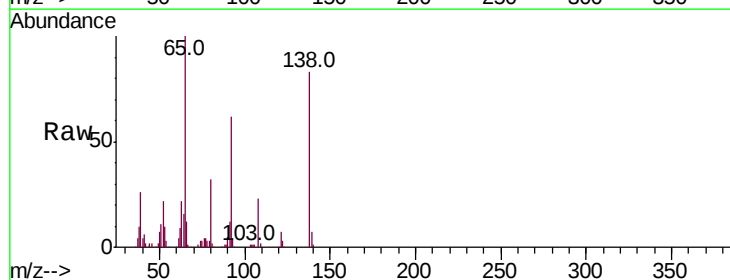
Manual Integrations  
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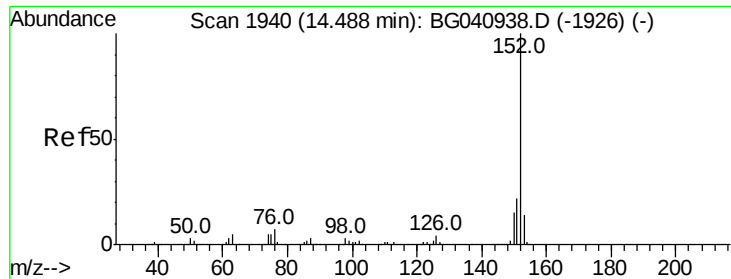
mohammad  
 6/14/2019 8:36:44 AM



#48  
 2-Nitroaniline  
 Concen: 40.910 ng  
 RT: 13.83 min Scan# 1828  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 118898 |       |       |
| 92      | 62.2  |        | 51.0  | 76.6  |
| 138     | 82.9  |        | 71.2  | 106.8 |





#49

Acenaphthylene

Concen: 40.089 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

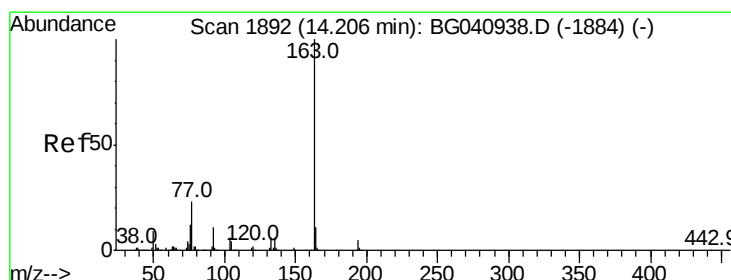
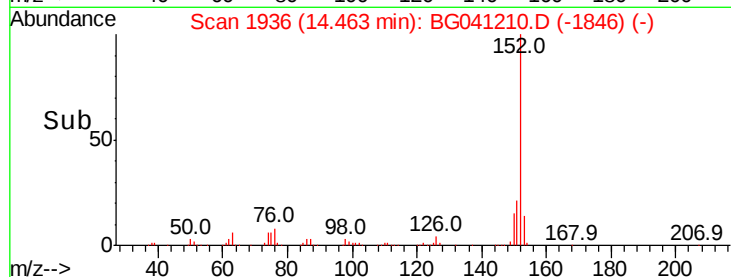
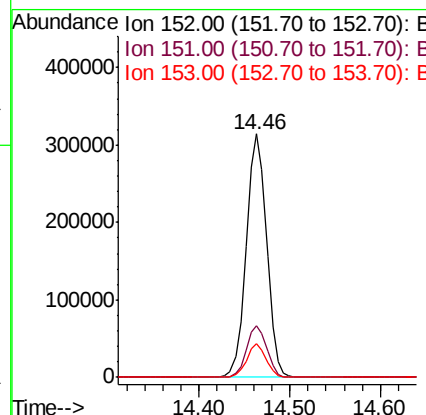
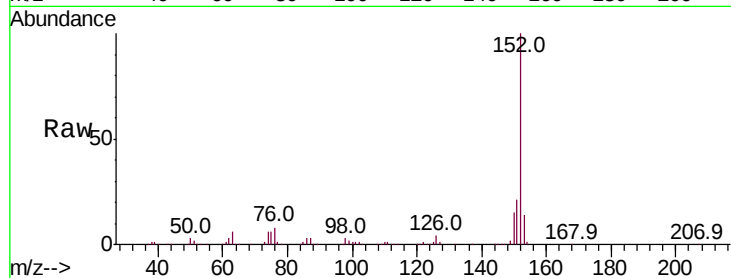
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 488811 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.0  | 17.4  | 26.0   |
| 153       | 13.7  | 11.0  | 16.4   |

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#50

Dimethylphthalate

Concen: 38.880 ng

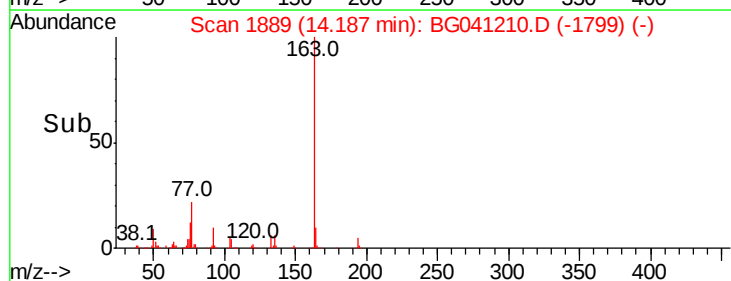
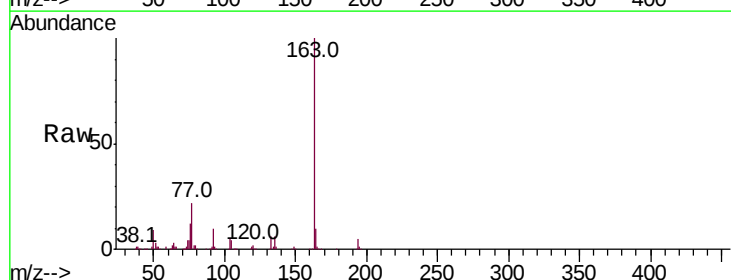
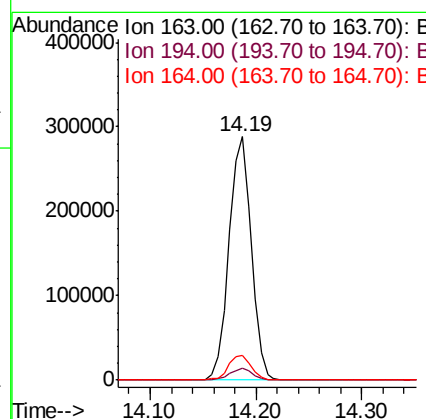
RT: 14.19 min Scan# 1889

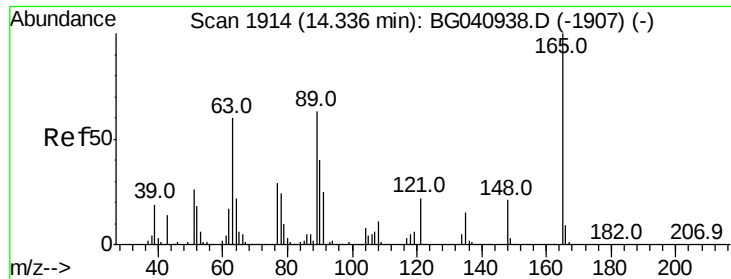
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 419588 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.9   | 3.8   | 5.8    |
| 164       | 10.3  | 8.7   | 13.1   |





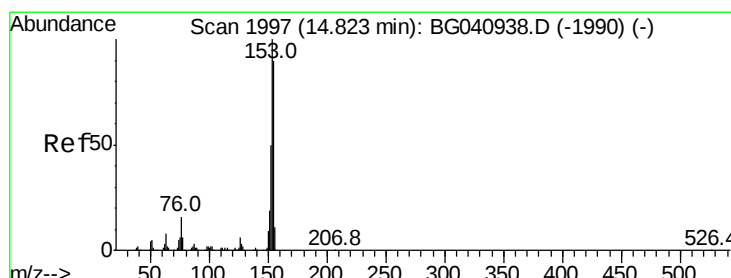
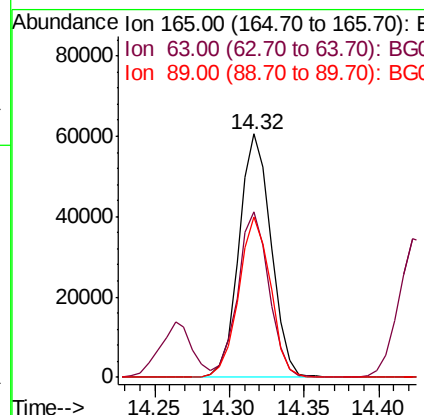
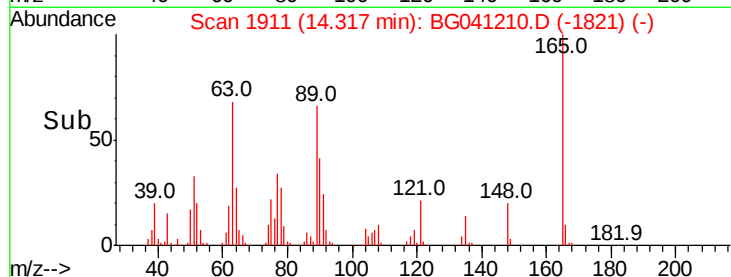
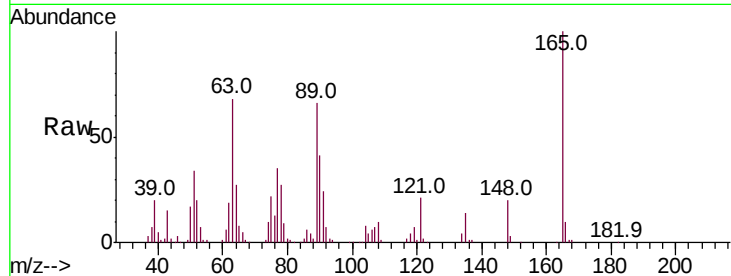
#51  
 2,6-Dinitrotoluene  
 Concen: 38.801 ng  
 RT: 14.32 min Scan# 1911  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 68.1  | 53.6  | 80.4  |
| 89      | 65.8  | 50.4  | 75.6  |

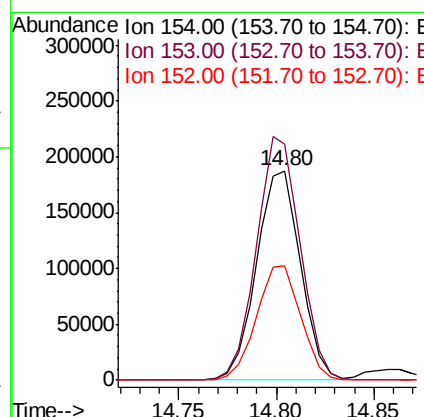
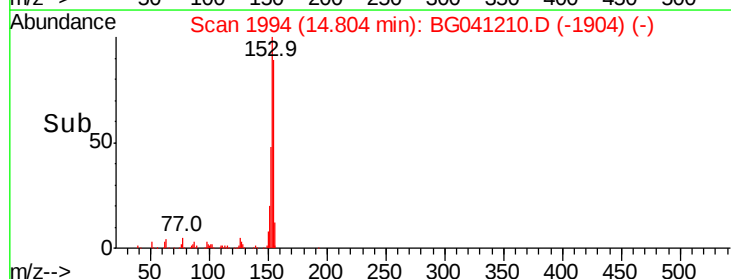
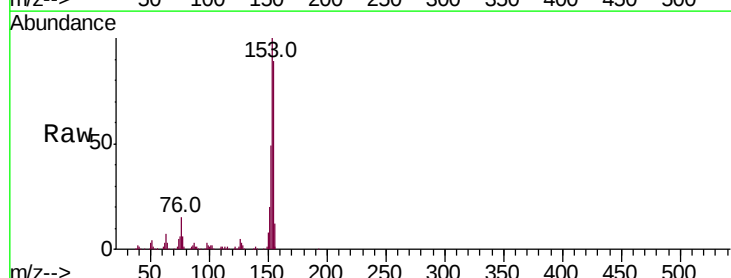
Manual Integrations  
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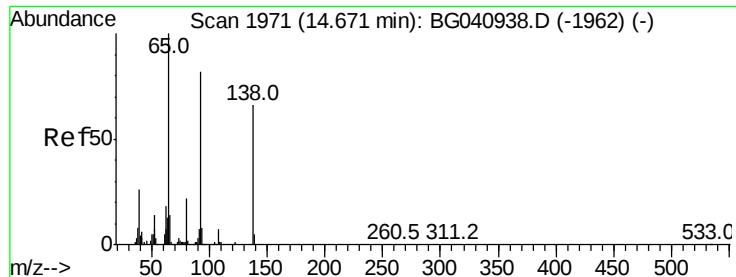
mohammad  
 6/14/2019 8:36:44 AM



#52  
 Acenaphthene  
 Concen: 39.520 ng  
 RT: 14.80 min Scan# 1994  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.4 | 88.6  | 133.0 |
| 152     | 54.5  | 44.2  | 66.4  |





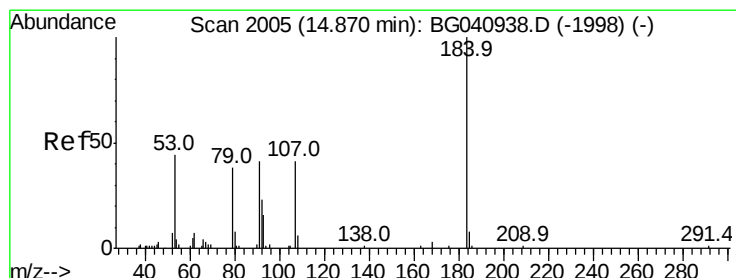
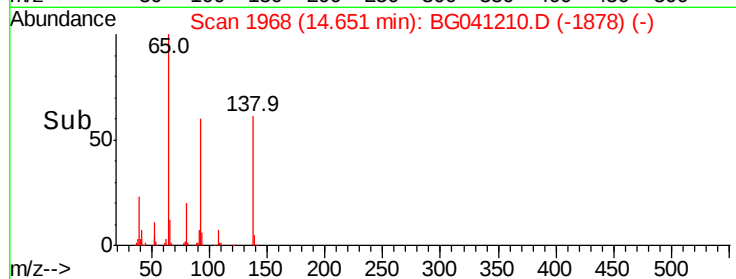
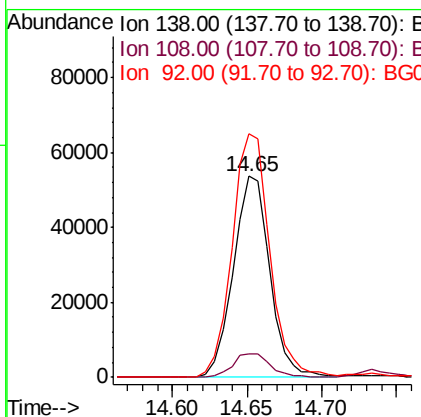
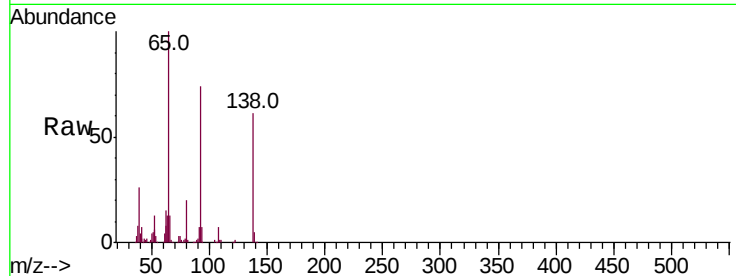
#53  
3-Nitroaniline  
Concen: 39.133 ng  
RT: 14.65 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.4  | 8.5   | 12.7  |
| 92      | 121.0 | 99.0  | 148.6 |

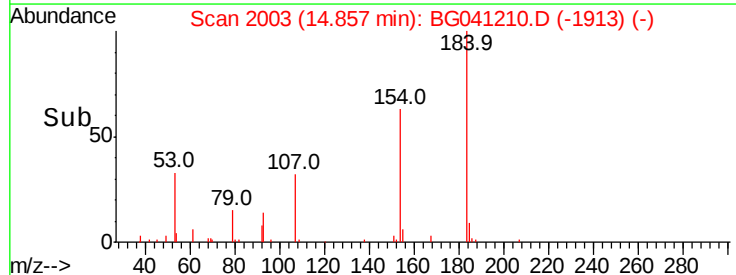
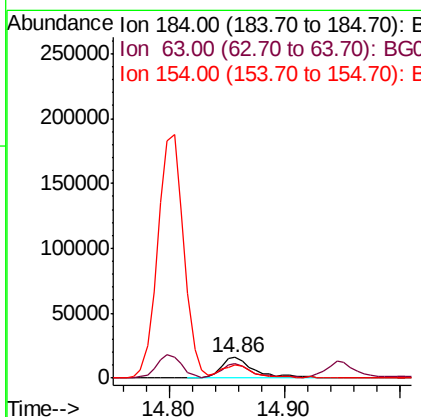
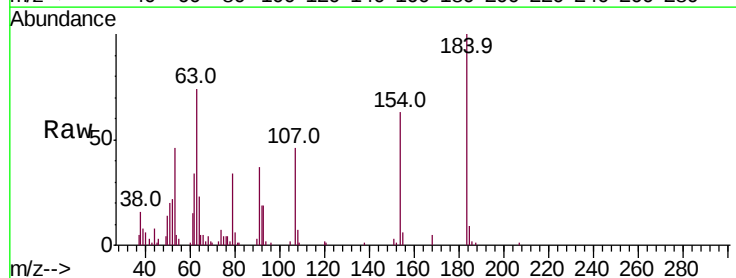
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#54  
2,4-Dinitrophenol  
Concen: 36.942 ng  
RT: 14.86 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 73.8  | 49.8  | 74.6  |
| 154     | 63.1  | 52.2  | 78.4  |





#55

Dibenzofuran

Concen: 40.581 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

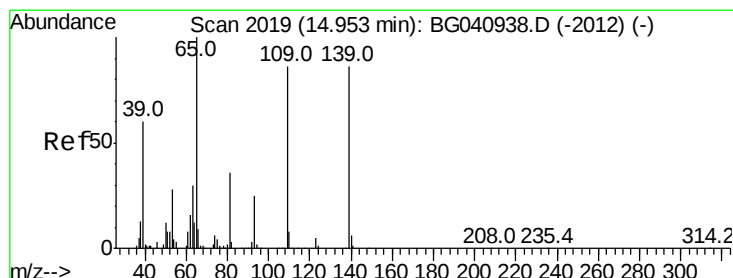
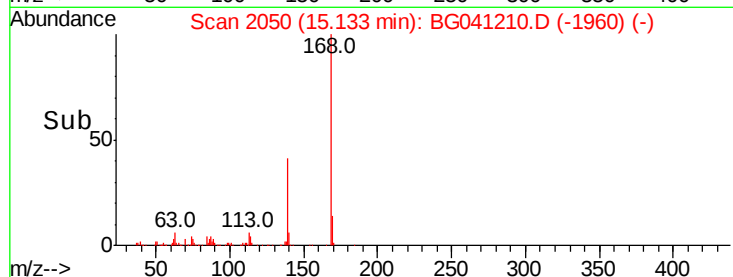
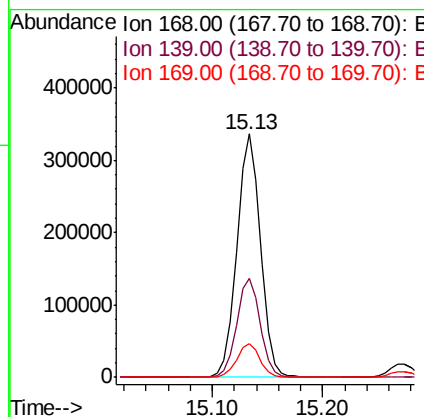
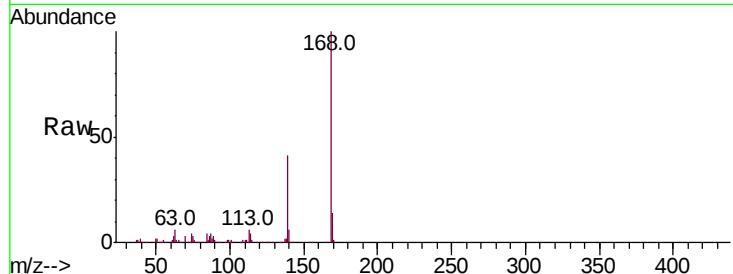
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 504378 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 40.6  | 32.8  | 49.2   |
| 169       | 13.7  | 11.3  | 16.9   |

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#56

4-Nitrophenol

Concen: 36.755 ng

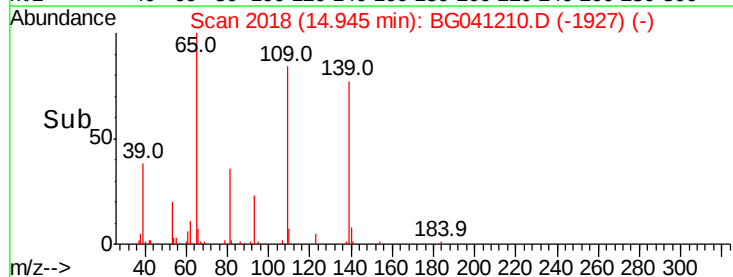
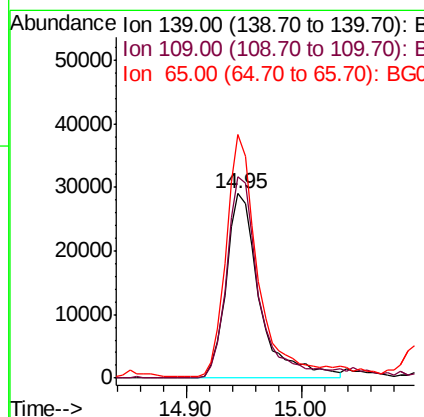
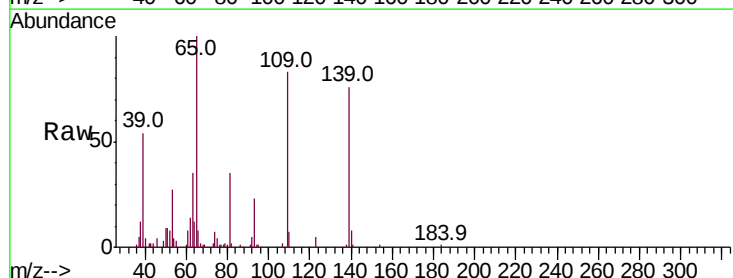
RT: 14.95 min Scan# 2018

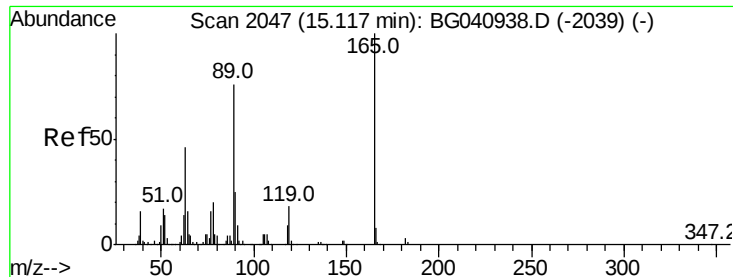
Delta R.T. 0.01 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 58658 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 109.2 | 79.6  | 119.6 |
| 65        | 131.9 | 96.9  | 136.9 |





#57

2,4-Dinitrotoluene

Concen: 39.748 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

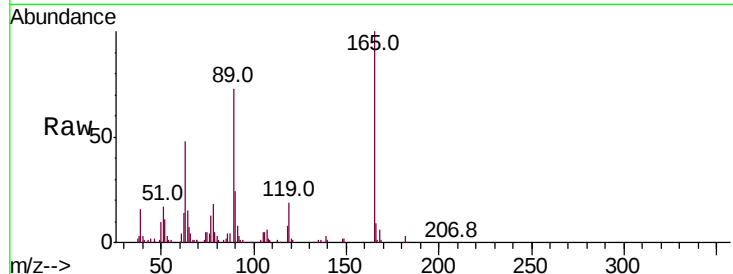
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 47.9  | 37.3 | 55.9  |       |
| 89      | 72.9  | 61.0 | 91.6  |       |
| 182     | 2.9   | 2.2  | 3.2   |       |

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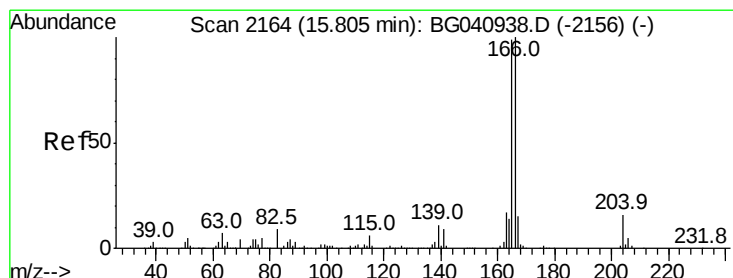
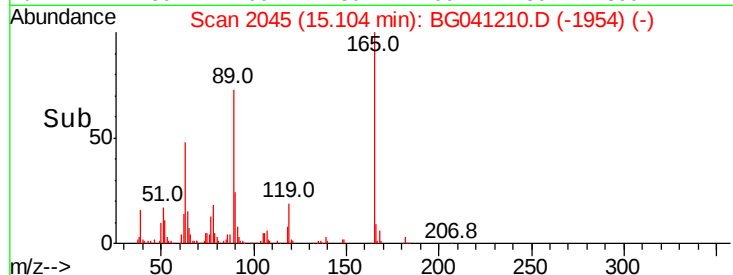
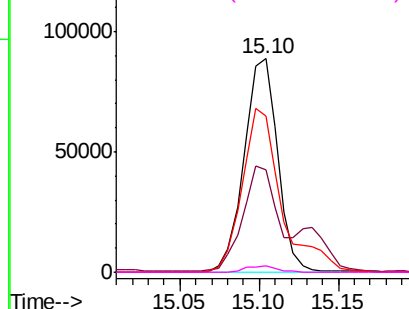


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.625 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041210.D

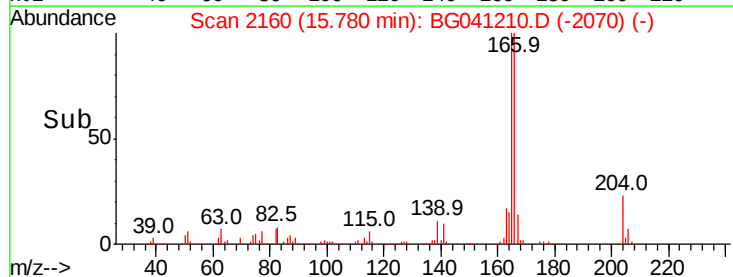
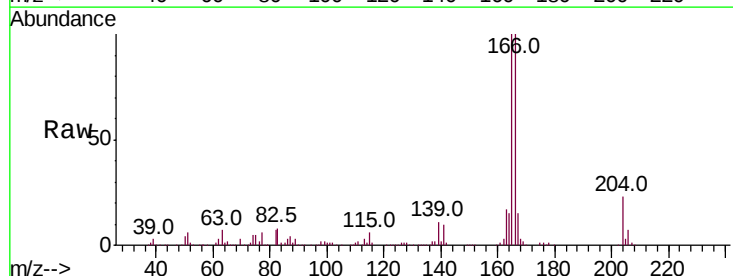
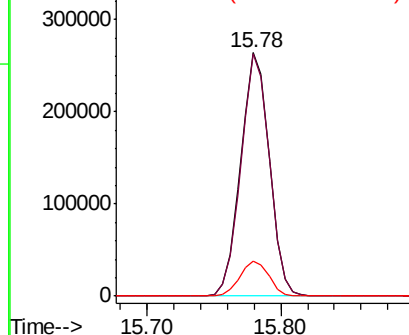
Acq: 12 Jun 2019 17:34

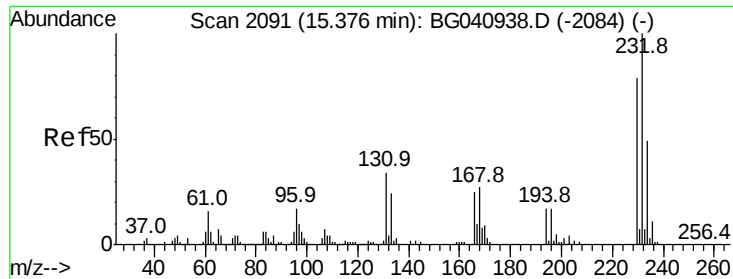
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 99.5  | 79.2 | 118.8 |       |
| 167     | 14.5  | 11.8 | 17.6  |       |

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





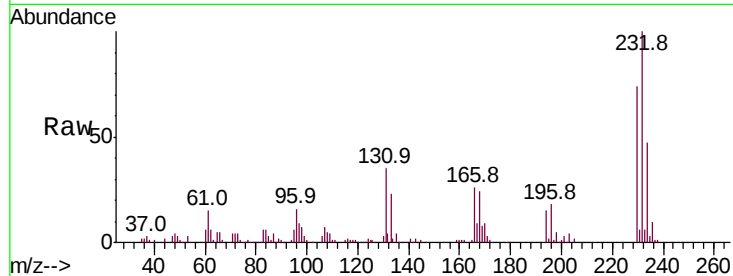
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.214 ng  
 RT: 15.36 min Scan# 2088  
 Delta R.T. 0.01 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

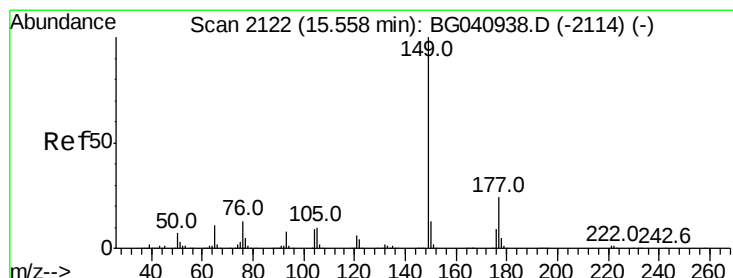
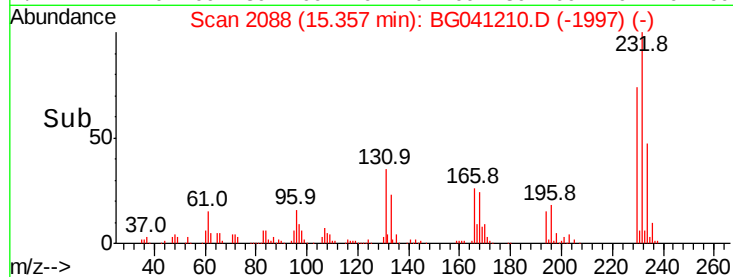
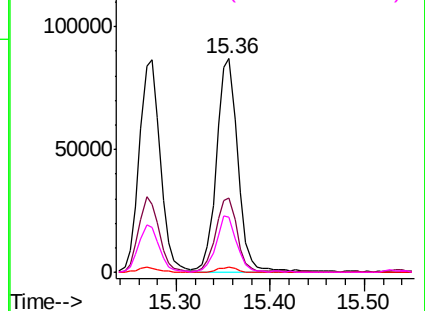
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 138547 |       |       |
| 131     | 35.6  | 30.3   | 45.5  |       |
| 130     | 2.2   | 1.8    | 2.8   |       |
| 166     | 25.5  | 21.3   | 31.9  |       |

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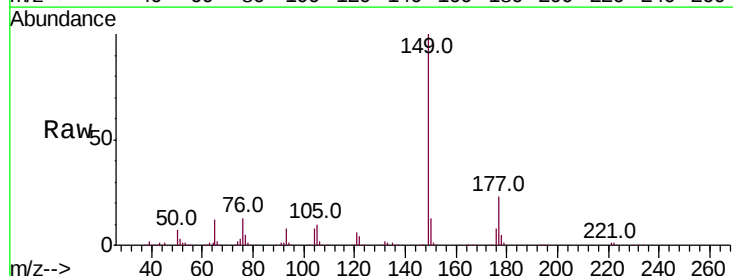


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

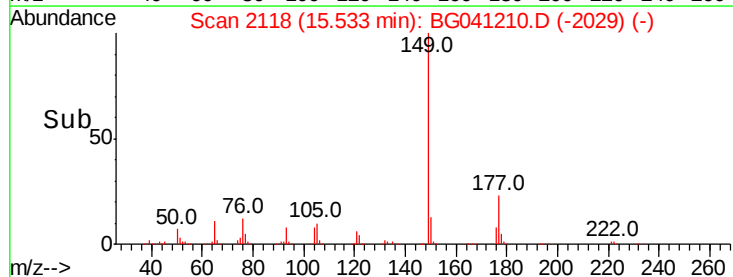
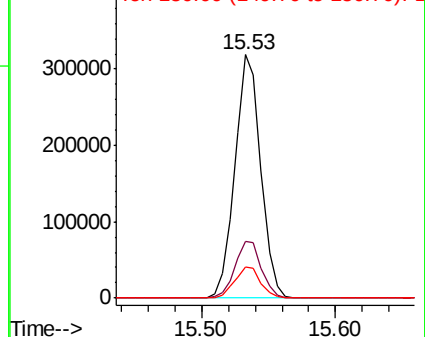


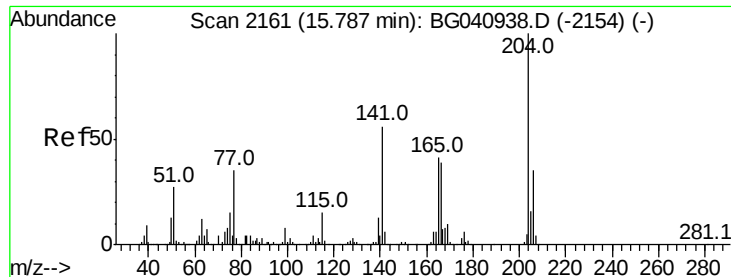
#60  
 Diethylphthalate  
 Concen: 38.927 ng  
 RT: 15.53 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 428722 |       |       |
| 177     | 23.4  | 19.4   | 29.0  |       |
| 150     | 12.8  | 10.3   | 15.5  |       |



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





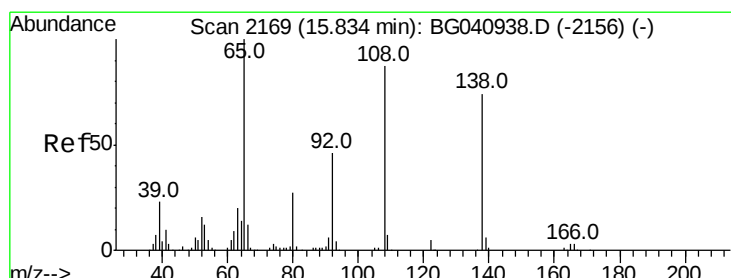
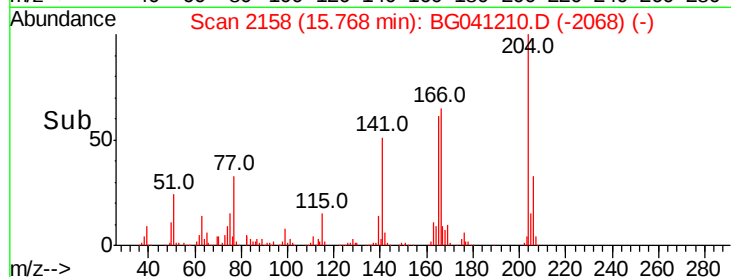
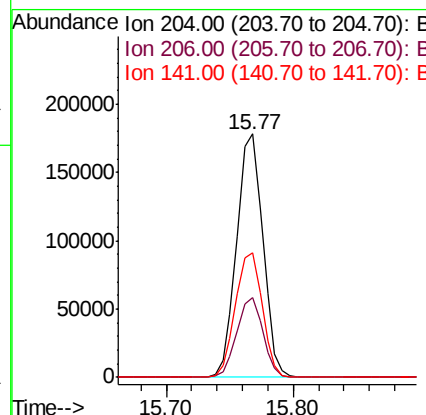
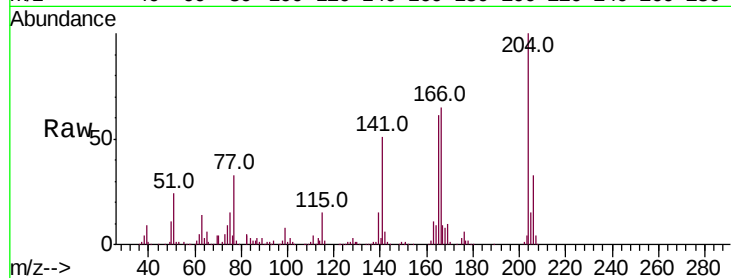
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.630 ng  
 RT: 15.77 min Scan# 2158  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 27.6  | 41.4  |
| 141     | 51.4  | 45.1  | 67.7  |

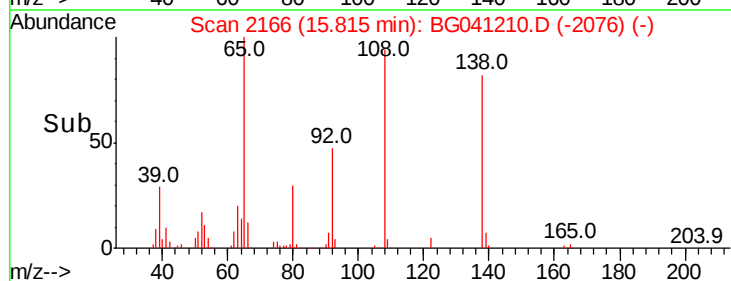
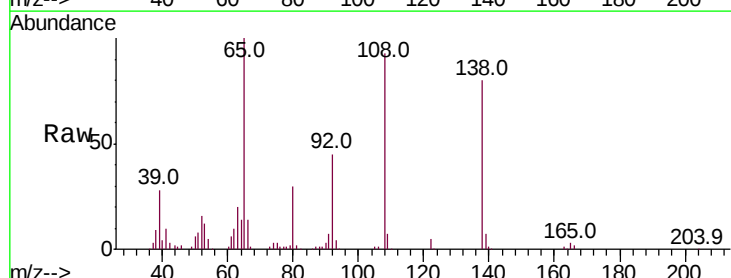
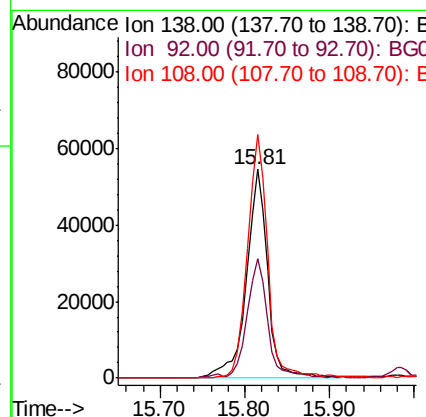
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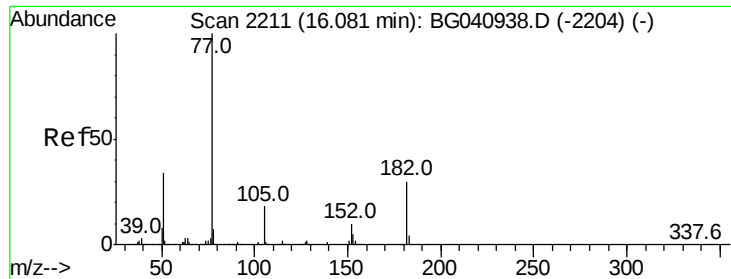
mohammad  
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#62  
 4-Nitroaniline  
 Concen: 38.500 ng  
 RT: 15.81 min Scan# 2166  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.2  | 42.4  | 82.4  |
| 108     | 116.7 | 96.9  | 136.9 |





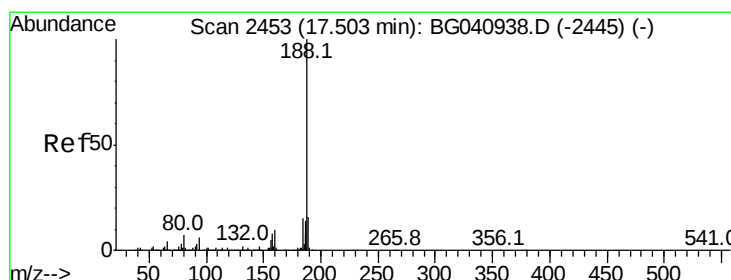
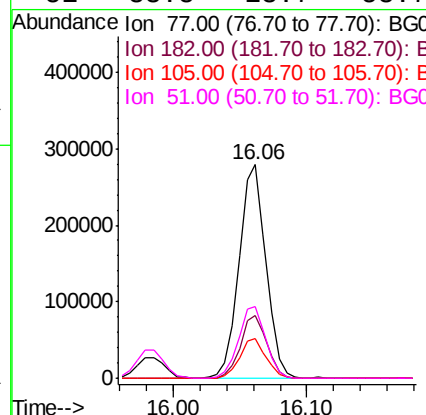
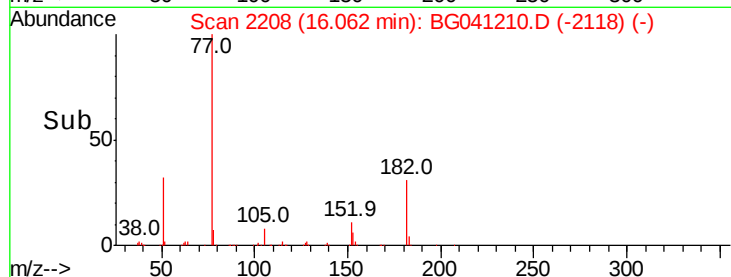
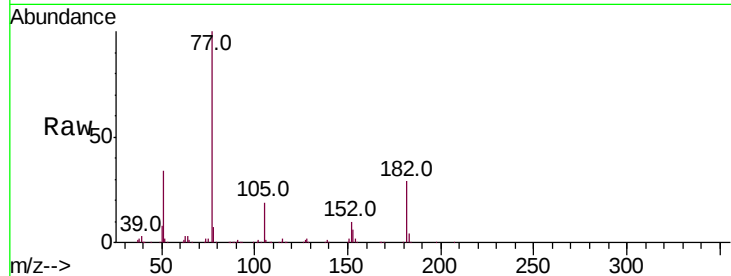
#63  
Azobenzene  
Concen: 38.924 ng  
RT: 16.06 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 29.2 | 9.6   | 49.6  |       |
| 105     | 18.8 | 0.0   | 37.5  |       |
| 51      | 33.8 | 13.7  | 53.7  |       |

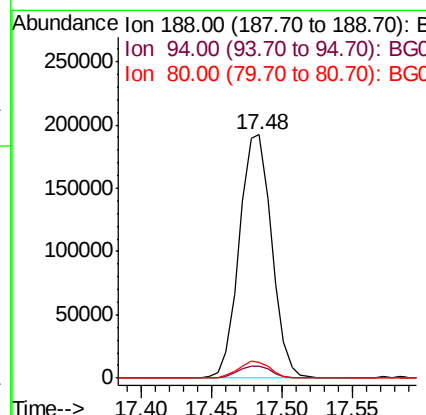
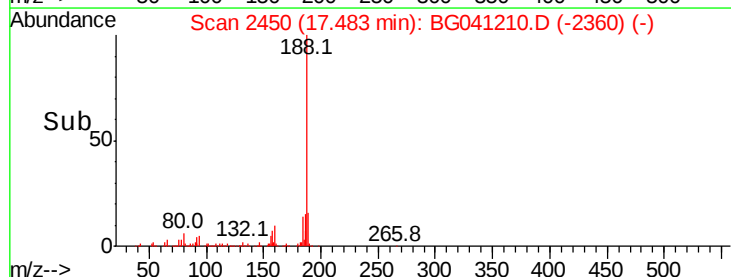
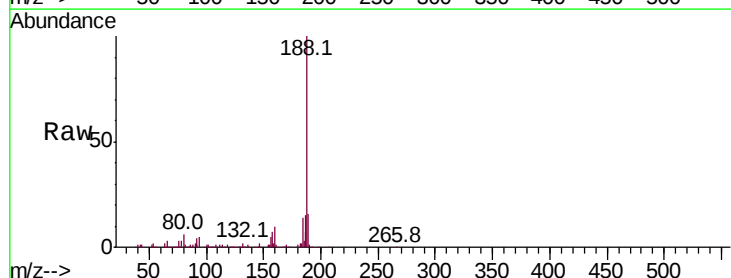
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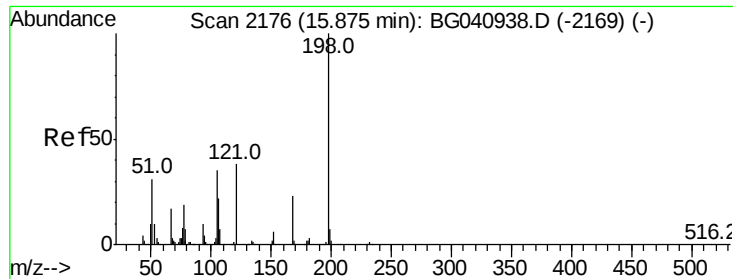
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 5.0 | 4.7   | 7.1   |       |
| 80      | 6.4 | 5.8   | 8.8   |       |





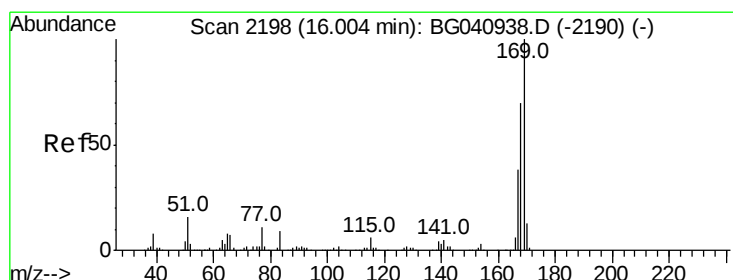
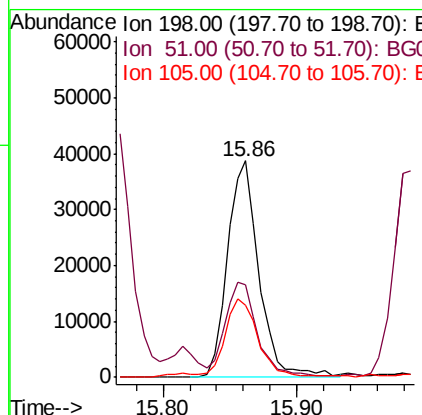
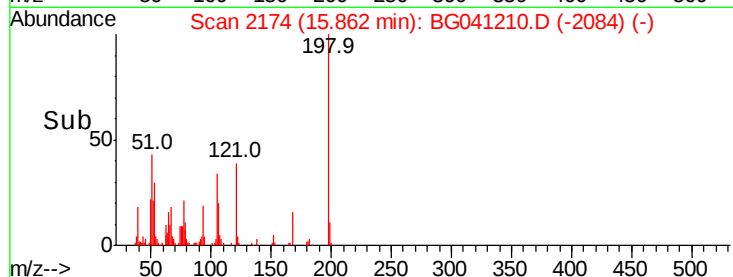
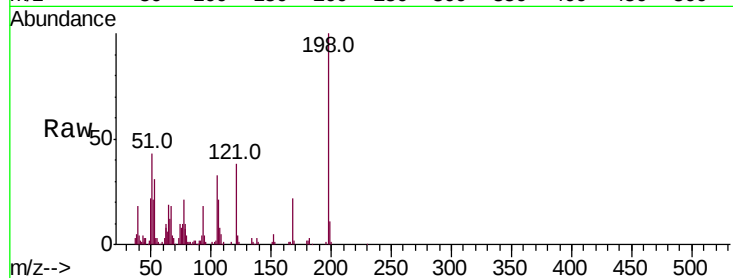
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.429 ng  
RT: 15.86 min Scan# 2174  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 43.0  | 21.6  | 61.6  |
| 105     | 33.2  | 17.5  | 57.5  |

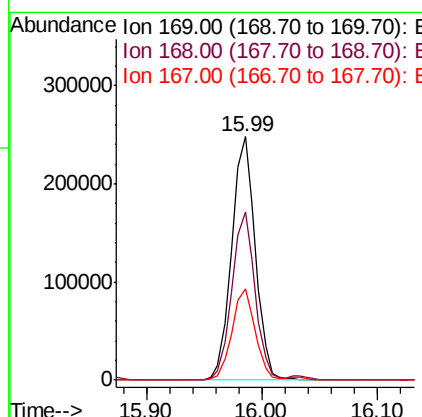
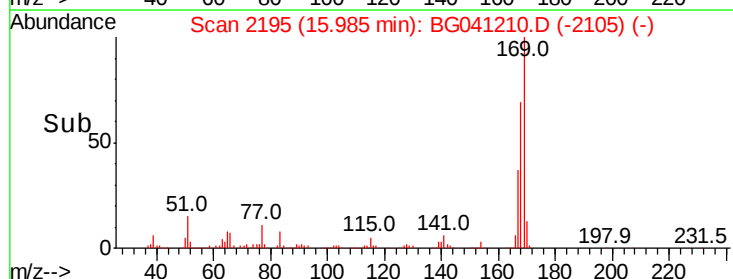
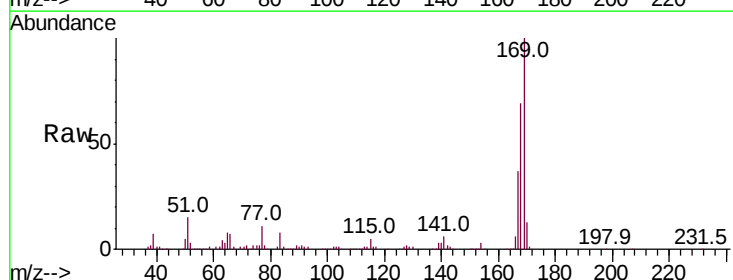
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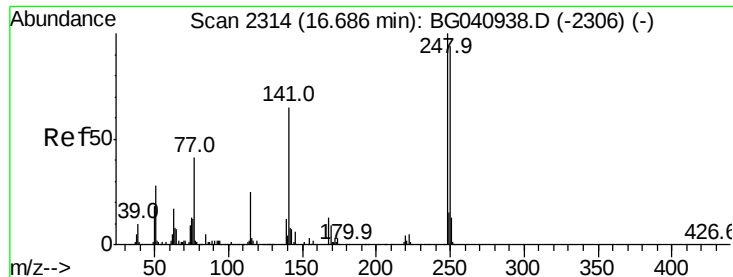
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#66  
n-Nitrosodiphenylamine  
Concen: 40.606 ng  
RT: 15.99 min Scan# 2195  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.9  | 55.7  | 83.5  |
| 167     | 37.5  | 30.2  | 45.2  |





#67

4-Bromophenyl-phenylether

Concen: 40.112 ng

RT: 16.66 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

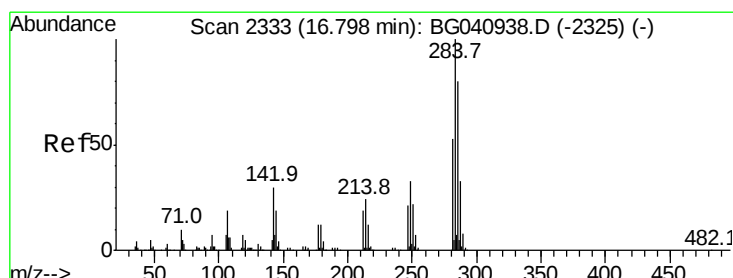
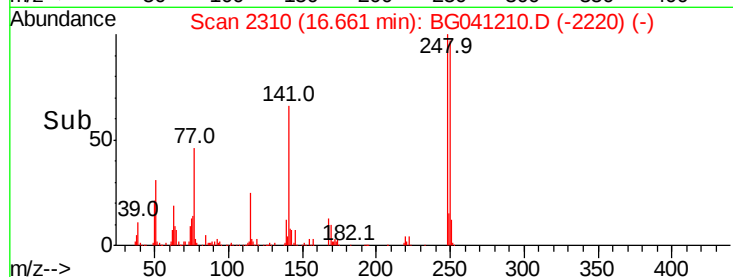
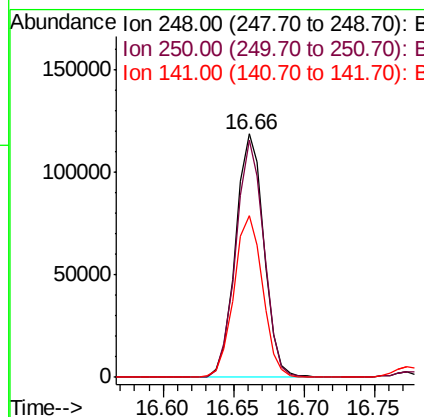
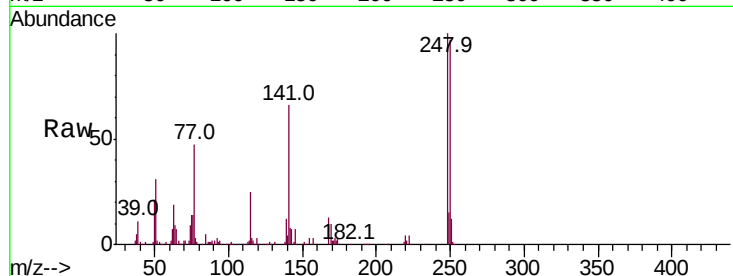
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 166318 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.4  | 75.0  | 112.4  |
| 141       | 66.3  | 52.4  | 78.6   |

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#68

Hexachlorobenzene

Concen: 39.798 ng

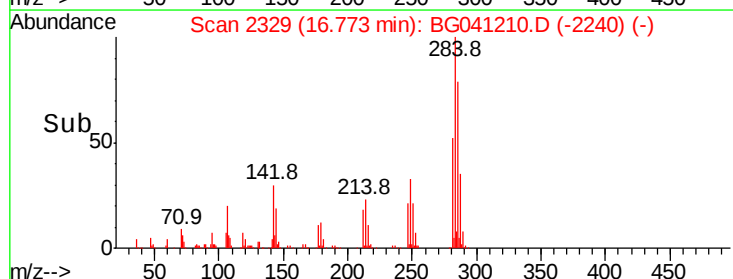
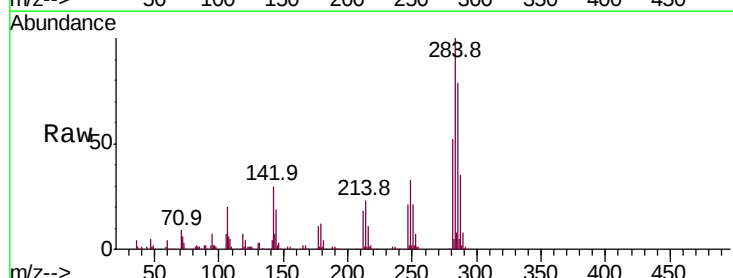
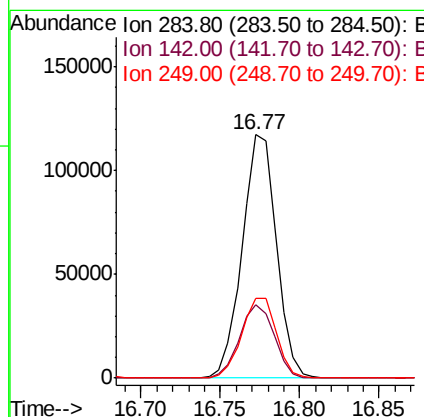
RT: 16.77 min Scan# 2329

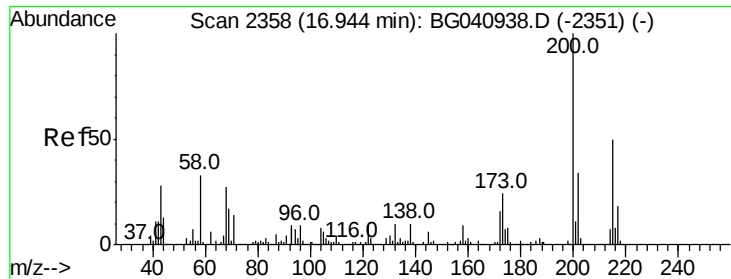
Delta R.T. -0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 175715 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 30.0  | 23.9  | 35.9   |
| 249       | 32.6  | 26.8  | 40.2   |





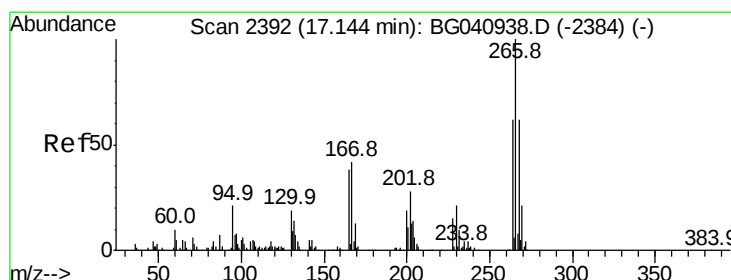
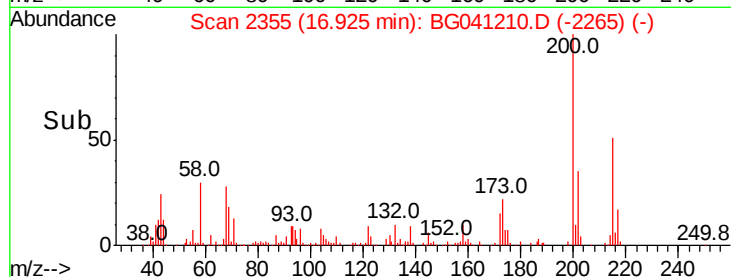
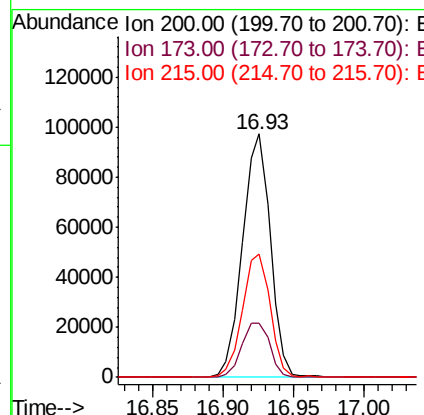
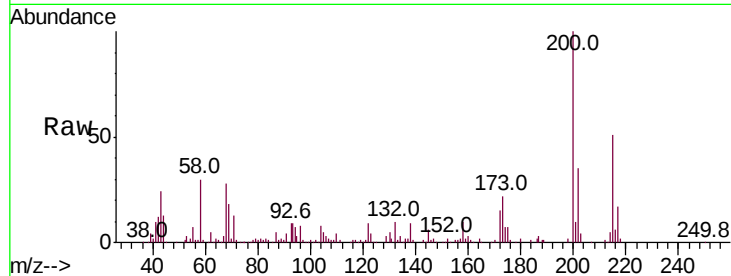
#69  
Atrazine  
Concen: 40.230 ng  
RT: 16.93 min Scan# 2355  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.4  | 3.6   | 43.6  |
| 215     | 50.7  | 29.6  | 69.6  |

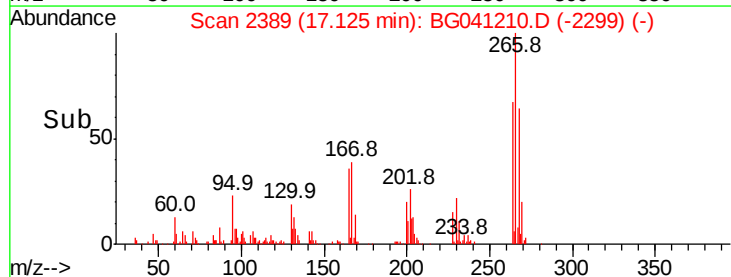
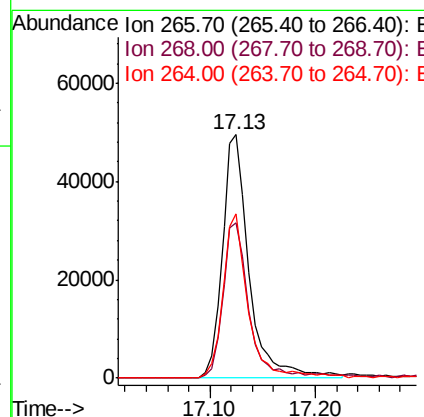
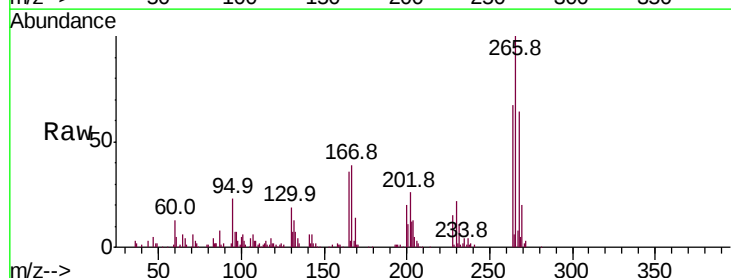
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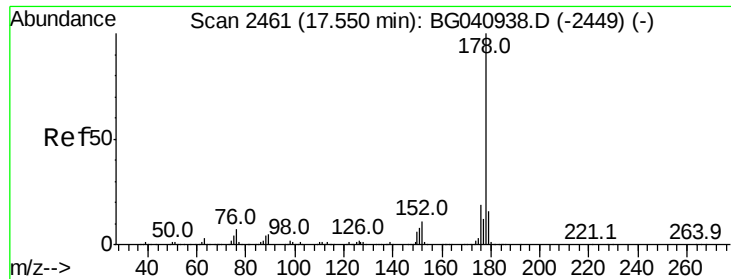
mohammad  
6/14/2019 8:36:44 AM



#70  
Pentachlorophenol  
Concen: 39.153 ng  
RT: 17.13 min Scan# 2389  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.6  | 53.1  | 79.7  |
| 264     | 67.3  | 49.9  | 74.9  |





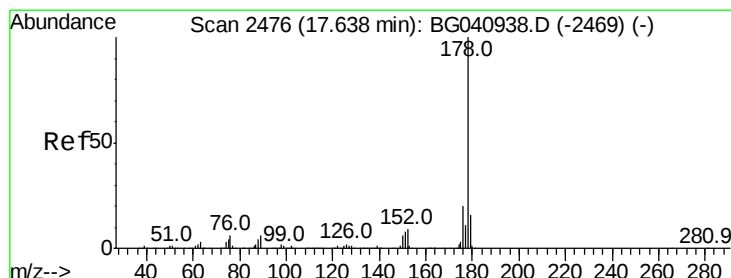
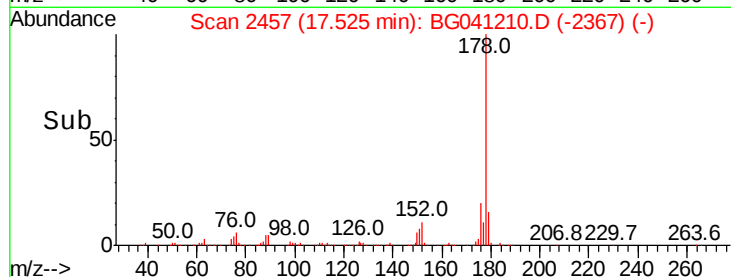
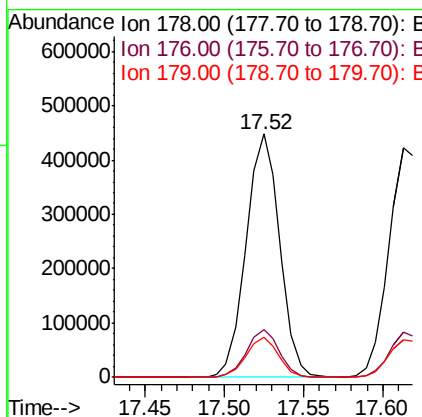
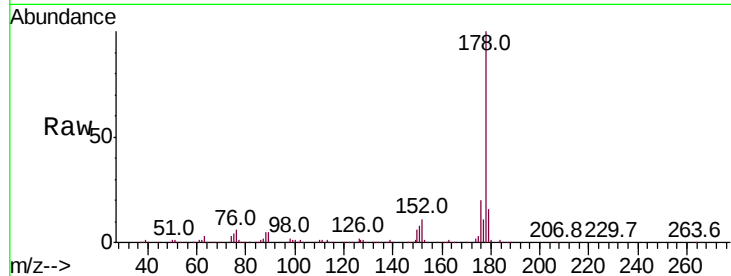
#71  
Phenanthrene  
Concen: 41.065 ng  
RT: 17.52 min Scan# 2457  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.5  | 23.3  |
| 179     | 16.4  | 12.7  | 19.1  |

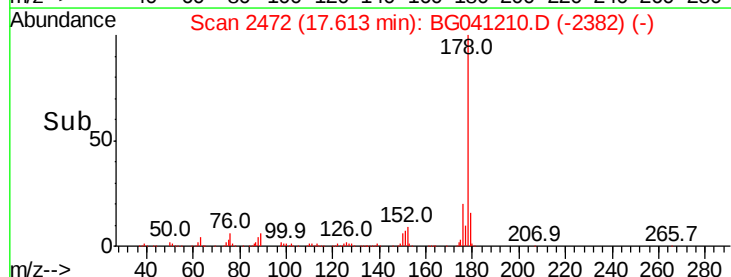
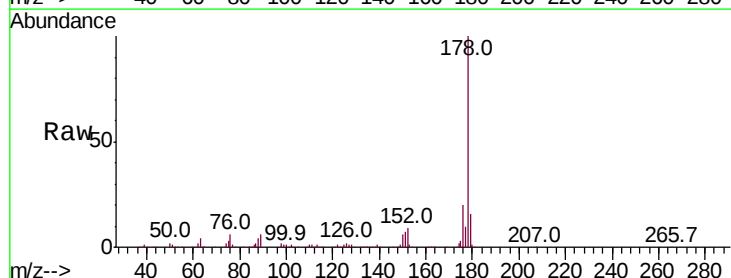
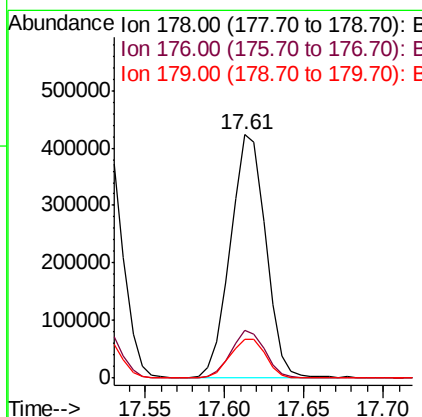
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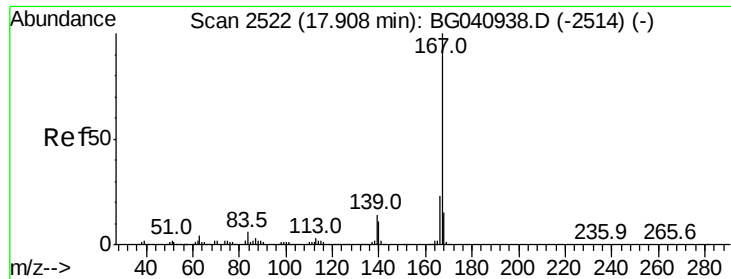
mohammad  
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#72  
Anthracene  
Concen: 41.208 ng  
RT: 17.61 min Scan# 2472  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.6  | 23.4  |
| 179     | 16.2  | 13.0  | 19.4  |





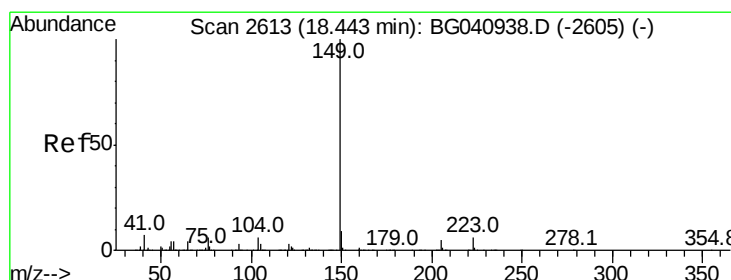
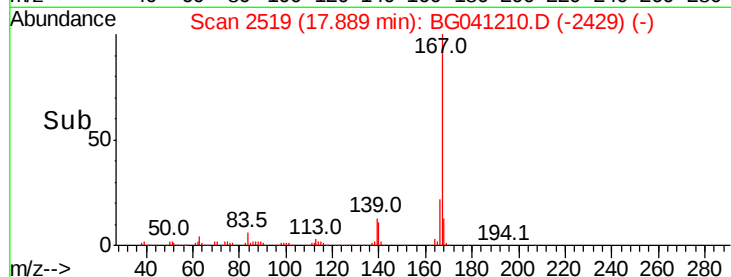
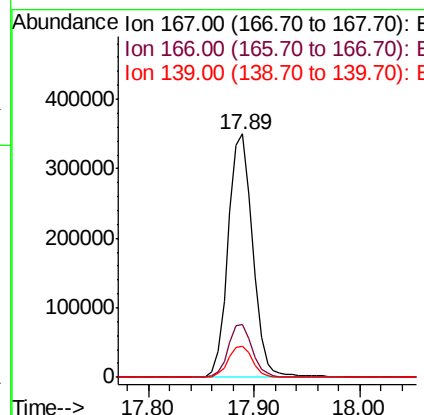
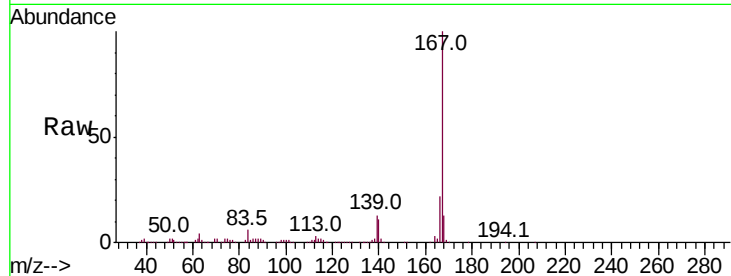
#73  
 Carbazole  
 Concen: 41.637 ng  
 RT: 17.89 min Scan# 2519  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 563901 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.8  | 18.2  | 27.4   |
| 139       | 13.0  | 10.8  | 16.2   |

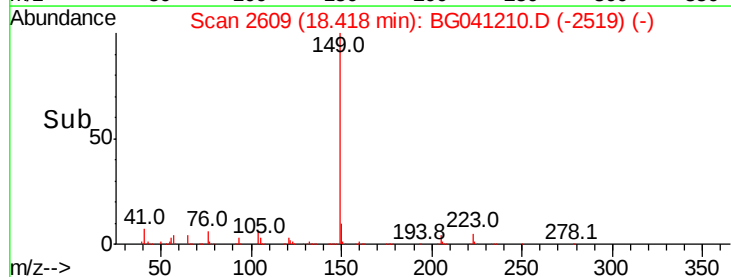
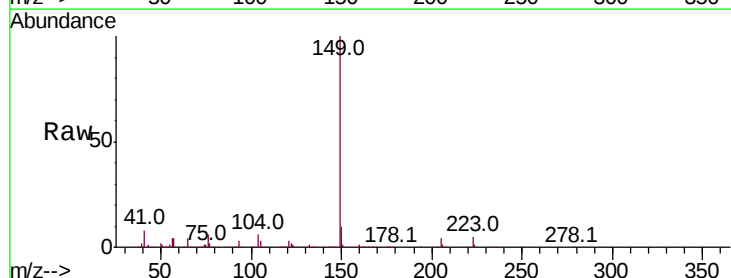
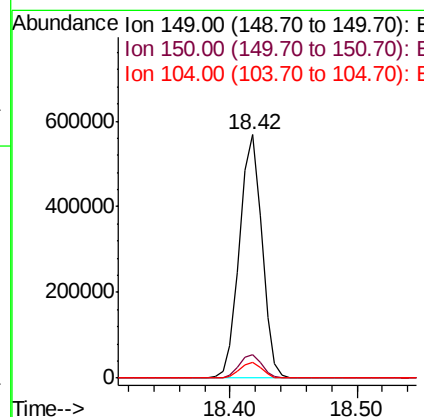
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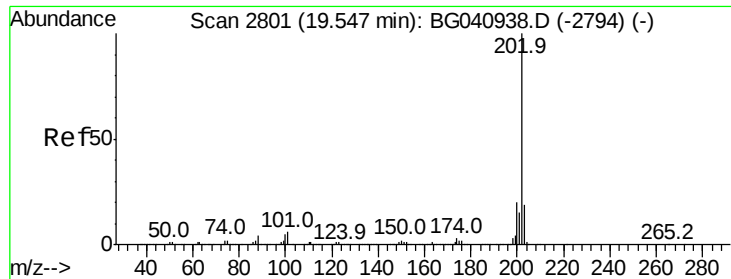
mohammad  
 6/14/2019 8:36:44 AM



#74  
 Di-n-butylphthalate  
 Concen: 41.178 ng  
 RT: 18.42 min Scan# 2609  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 693133 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.8   | 7.4   | 11.2   |
| 104       | 6.4   | 5.0   | 7.4    |





#75

Fluoranthene

Concen: 42.980 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

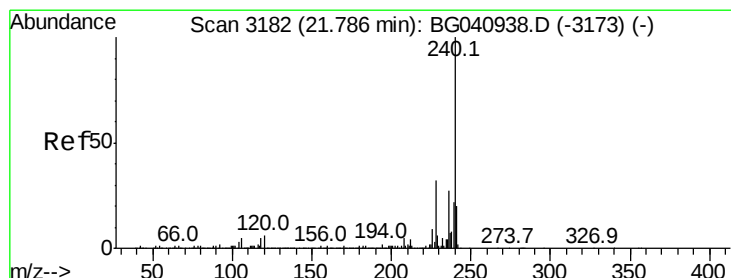
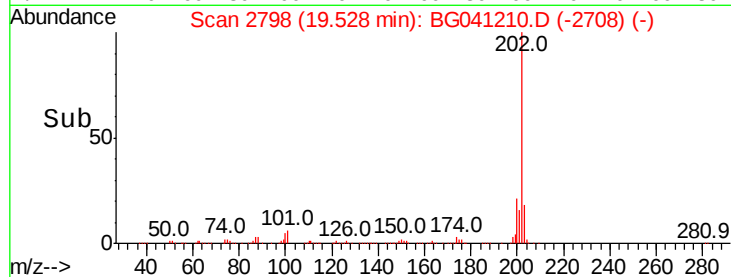
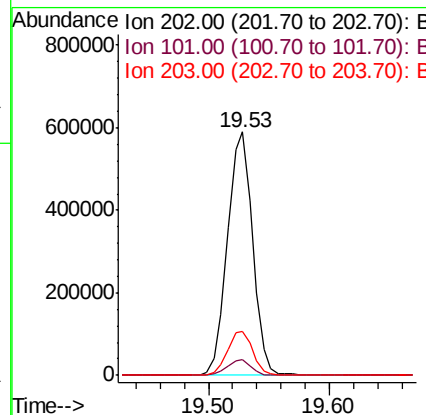
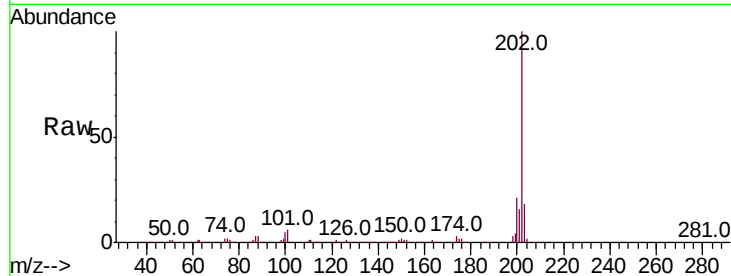
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 6.3   | 0.0  | 26.2  |       |
| 203     | 18.0  | 0.0  | 38.7  |       |

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#76

Chrysene-d12

Concen: 20.000 ng

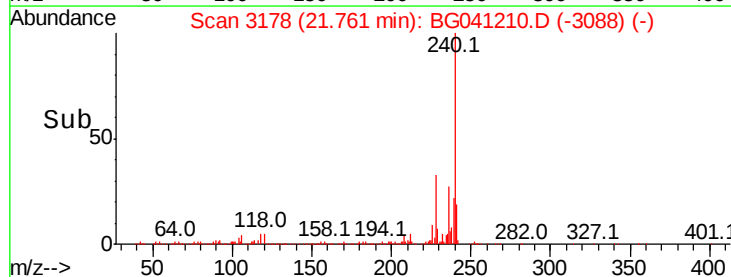
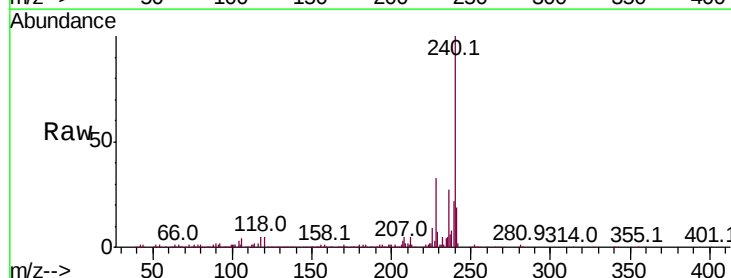
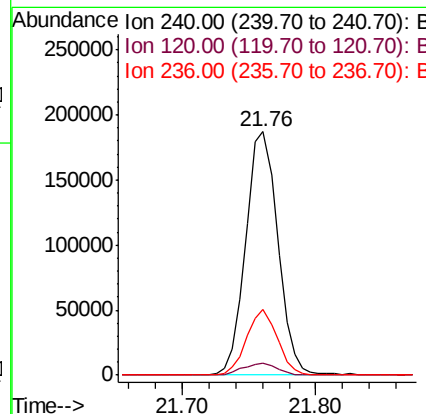
RT: 21.76 min Scan# 3178

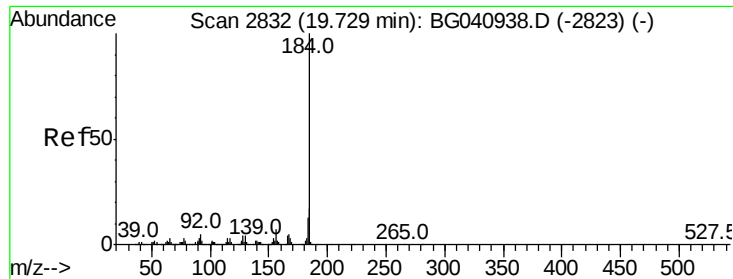
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   |      |       |       |
| 120     | 4.7   | 4.5  | 6.7   |       |
| 236     | 27.1  | 21.3 | 31.9  |       |





#77

Benzidine

Concen: 33.734 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

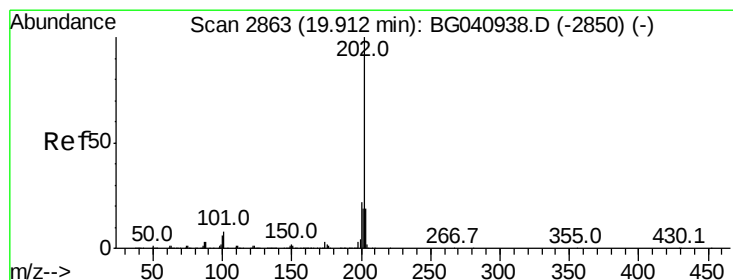
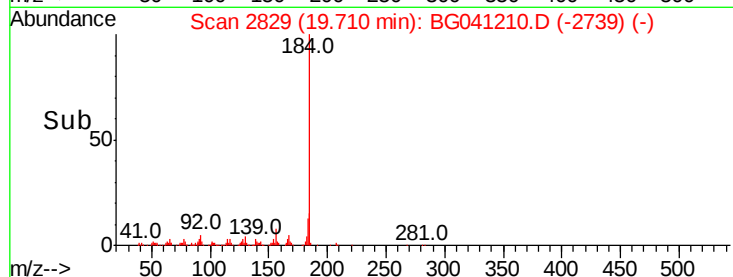
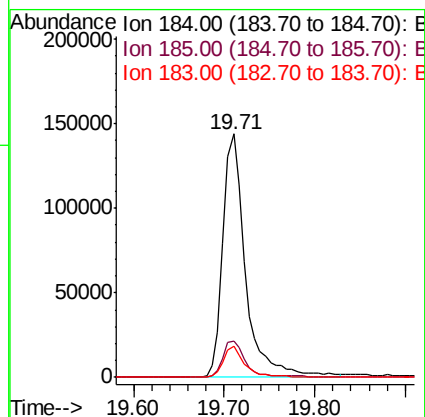
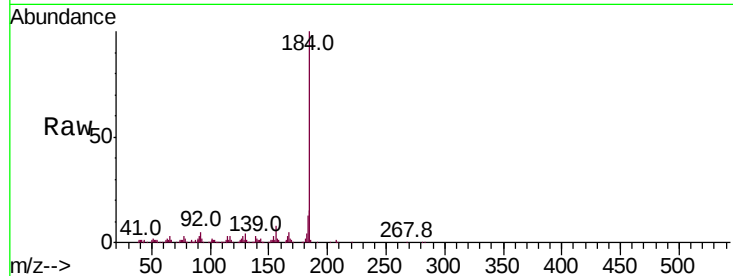
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.7  | 13.3 | 19.9  |       |
| 183     | 12.8  | 10.7 | 16.1  |       |

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#78

Pyrene

Concen: 42.051 ng

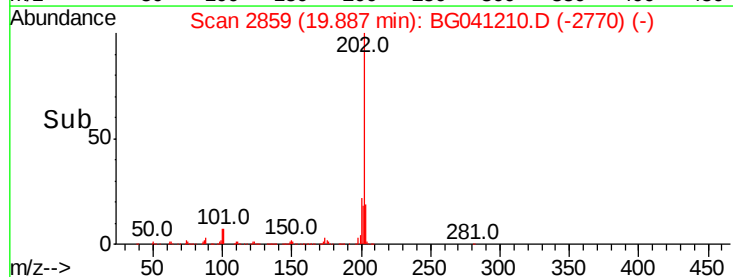
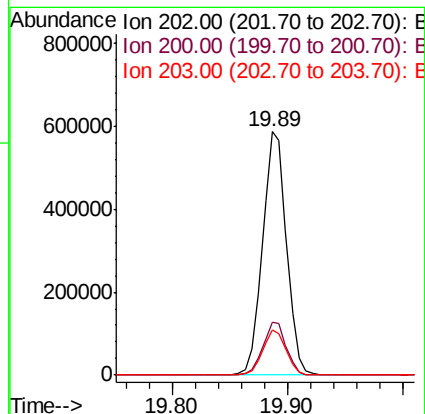
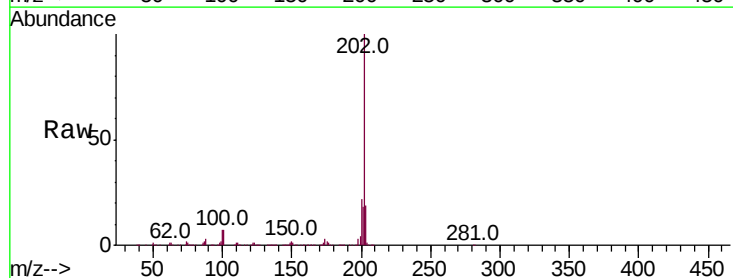
RT: 19.89 min Scan# 2859

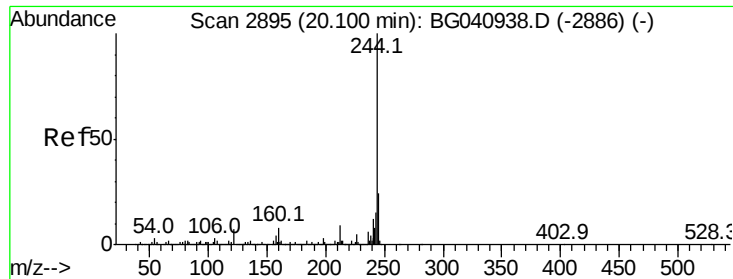
Delta R.T. -0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 21.9  | 17.5 | 26.3  |       |
| 203     | 18.7  | 15.6 | 23.4  |       |





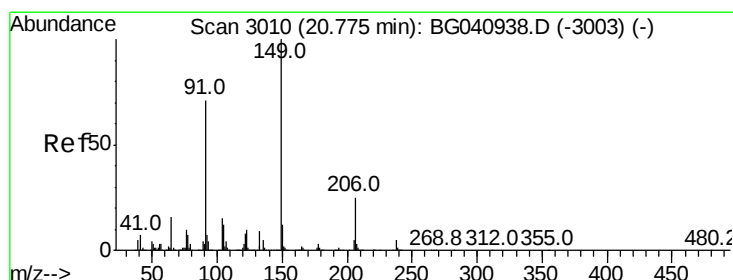
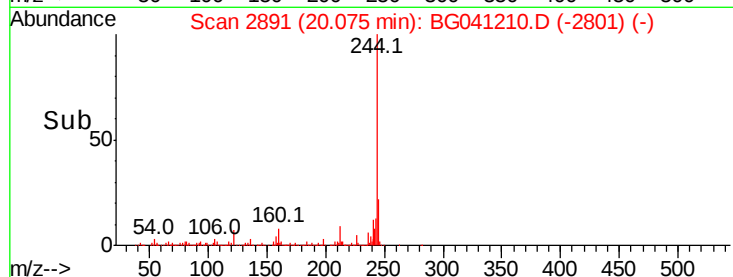
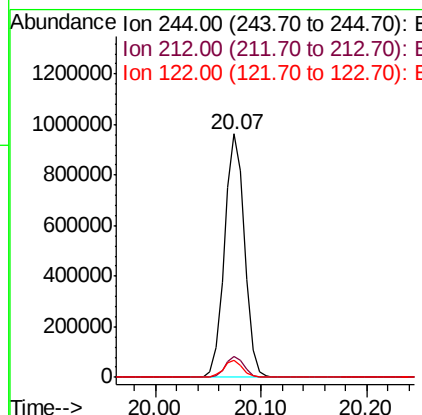
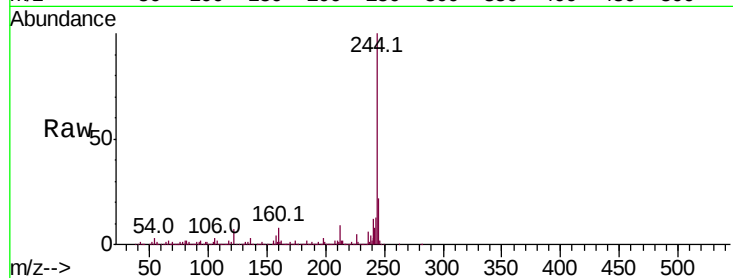
#79  
 Terphenyl-d14  
 Concen: 86.439 ng  
 RT: 20.07 min Scan# 2891  
 Delta R.T. 0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.7   | 7.0   | 10.4  |
| 122     | 7.1   | 5.4   | 8.0   |

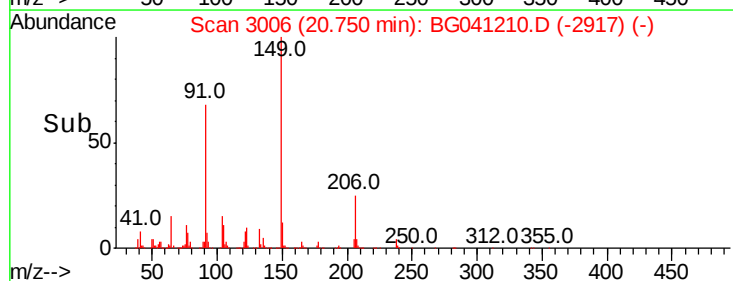
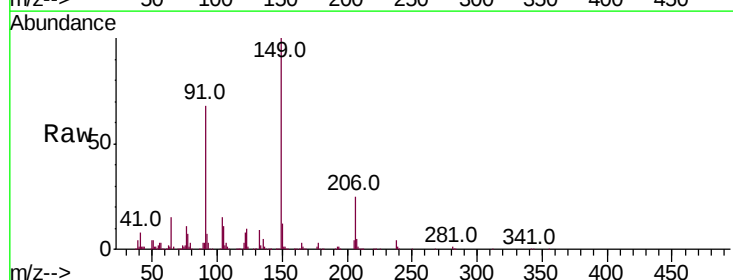
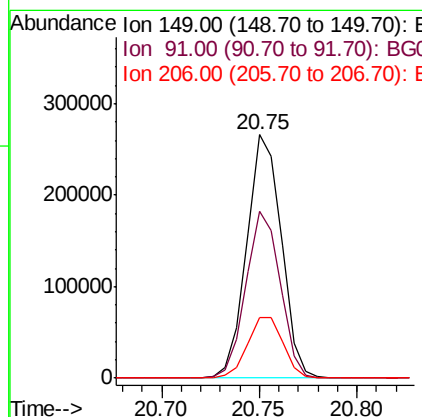
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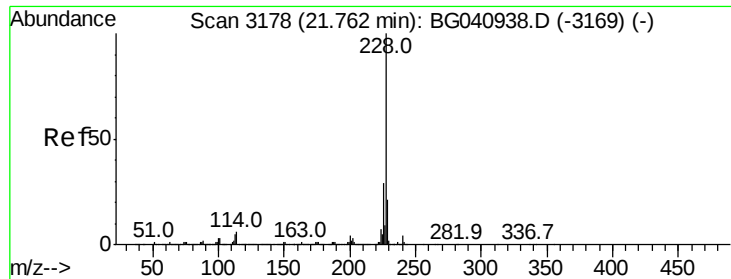
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#80  
 Butylbenzylphthalate  
 Concen: 41.652 ng  
 RT: 20.75 min Scan# 3006  
 Delta R.T. -0.00 min  
 Lab File: BG041210.D  
 Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.4  | 56.5  | 84.7  |
| 206     | 25.0  | 20.3  | 30.5  |





#81

Benzo(a)anthracene

Concen: 40.643 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

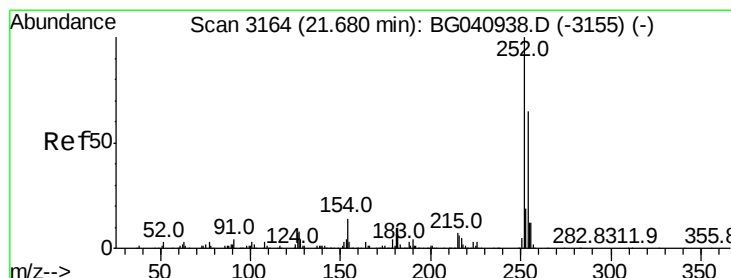
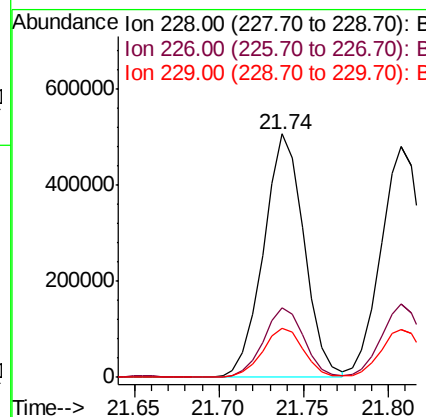
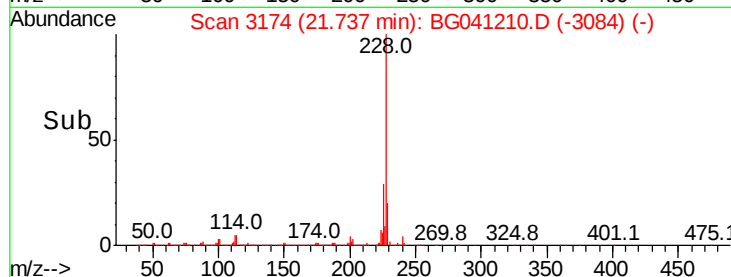
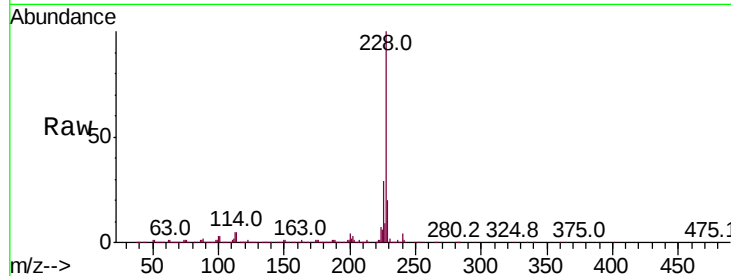
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 842600 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.5  | 23.5  | 35.3   |
| 229       | 20.4  | 16.7  | 25.1   |

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#82

3,3'-Dichlorobenzidine

Concen: 38.935 ng

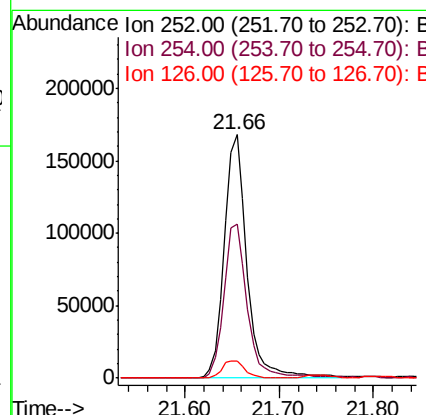
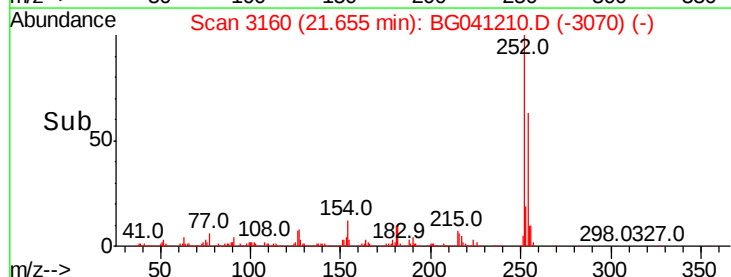
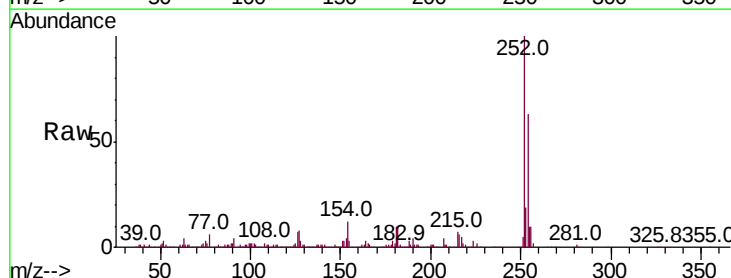
RT: 21.66 min Scan# 3160

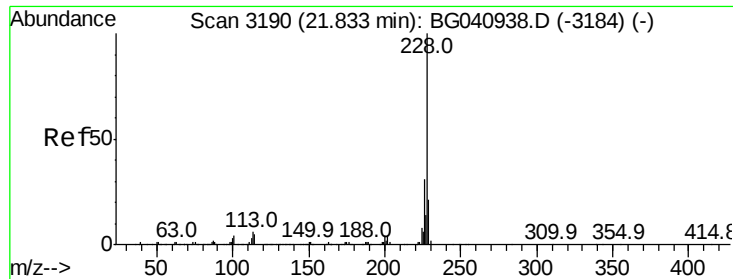
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 283902 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.3  | 52.1  | 78.1   |
| 126       | 6.8   | 5.5   | 8.3    |





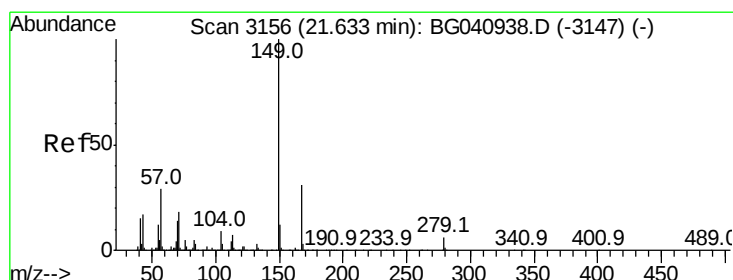
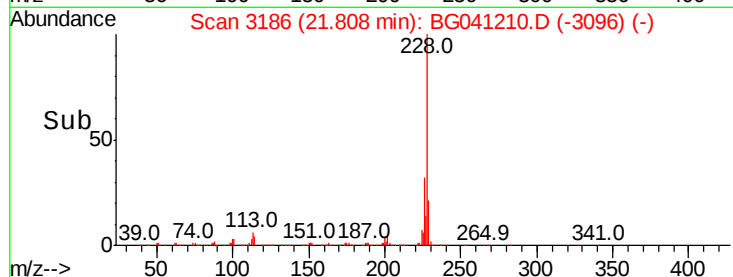
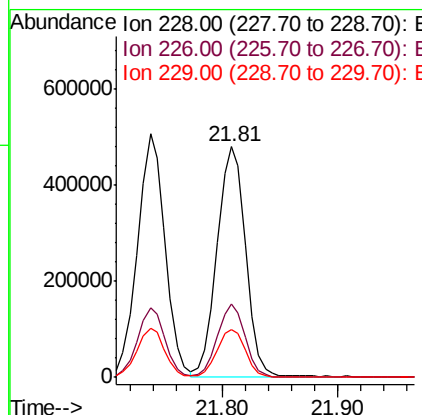
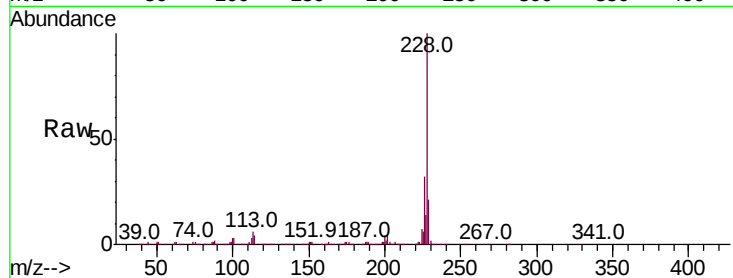
#83  
Chrysene  
Concen: 41.174 ng  
RT: 21.81 min Scan# 3186  
Delta R.T. 0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.1  | 24.6  | 37.0  |
| 229     | 20.7  | 16.6  | 24.8  |

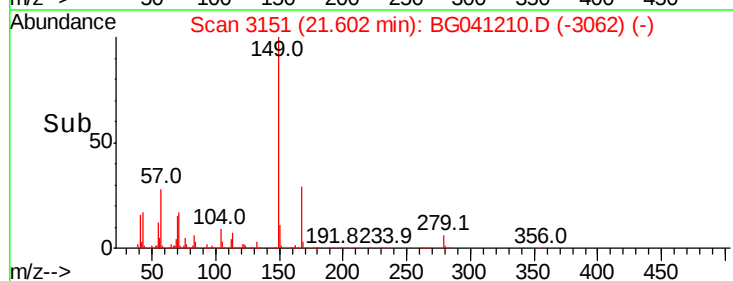
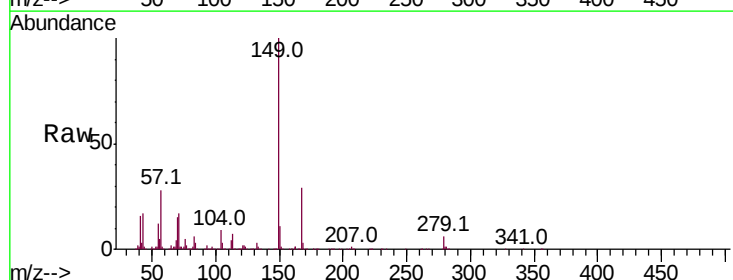
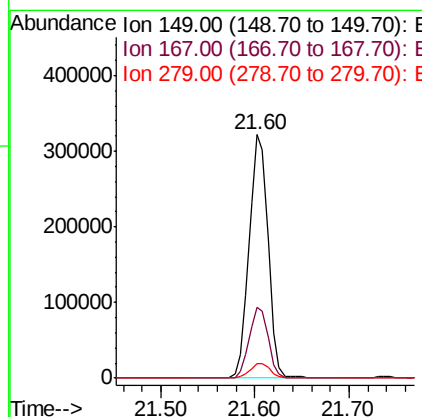
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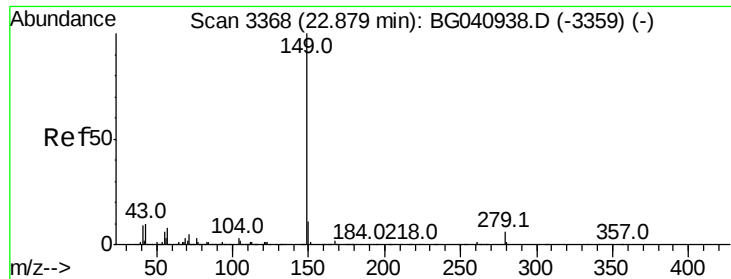
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.337 ng  
RT: 21.60 min Scan# 3151  
Delta R.T. -0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.3  | 24.6  | 37.0  |
| 279     | 5.8   | 5.0   | 7.6   |





#85

Di-n-octyl phthalate

Concen: 40.623 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

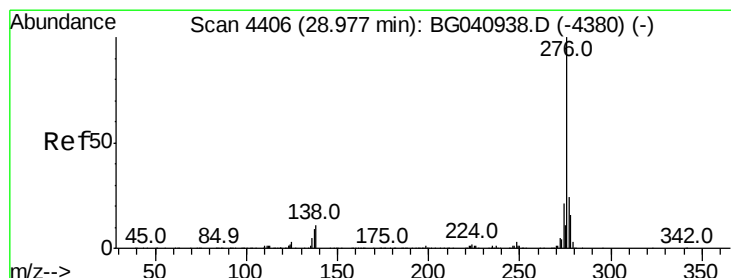
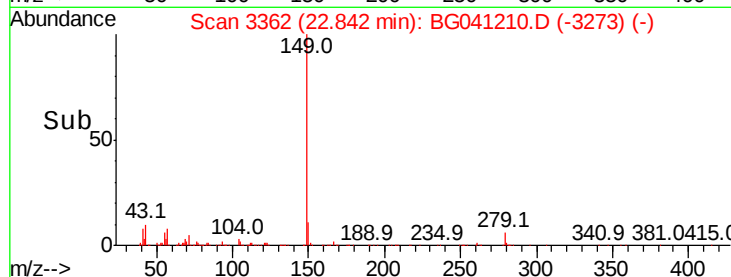
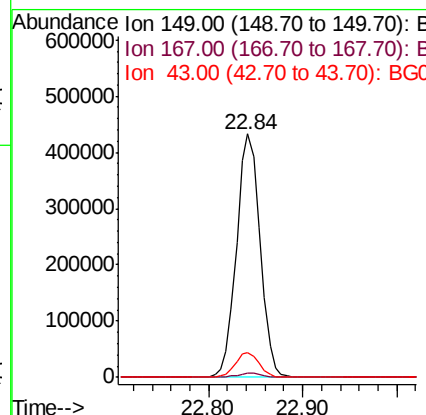
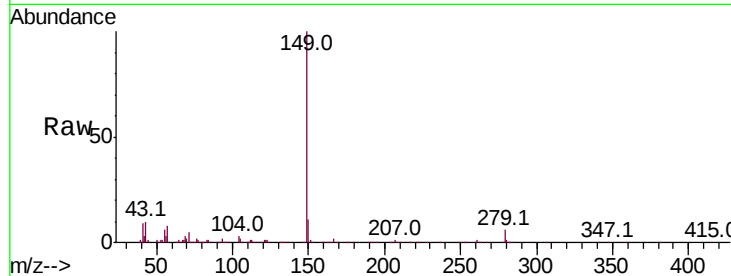
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 750378 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.4   | 2.0    |
| 43        | 10.3  | 8.1   | 12.1   |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 33.124 ng m

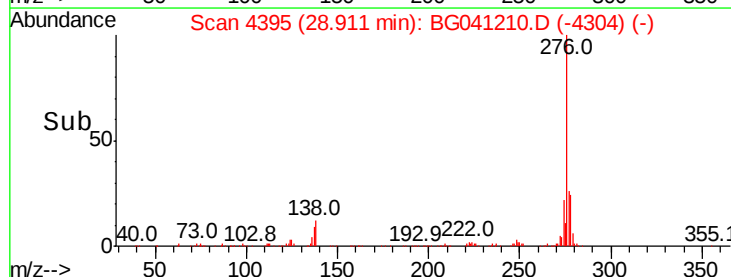
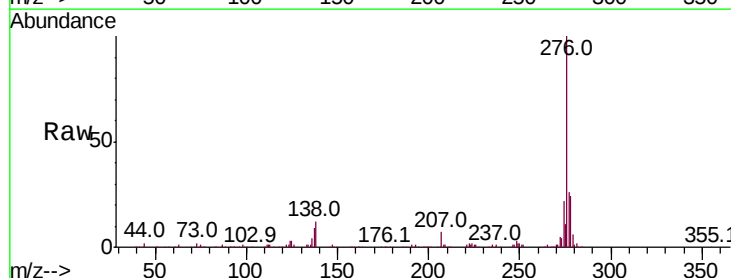
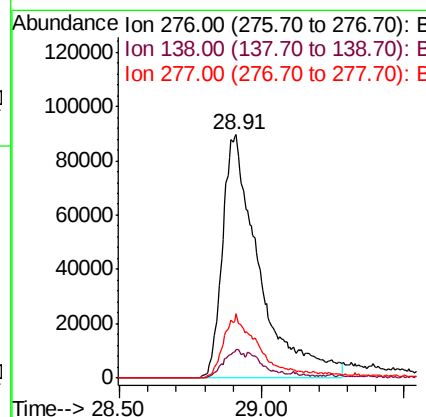
RT: 28.91 min Scan# 4395

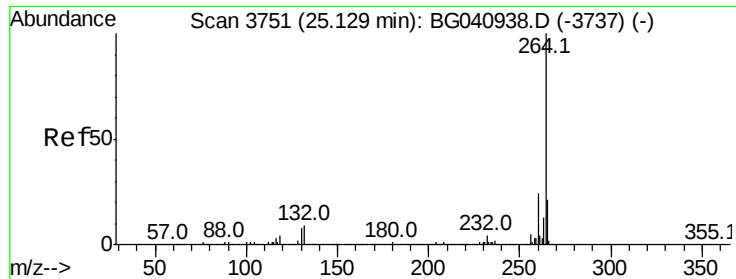
Delta R.T. 0.01 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 805004 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 6.2   | 5.7   | 8.5    |
| 277       | 23.2  | 20.8  | 31.2   |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

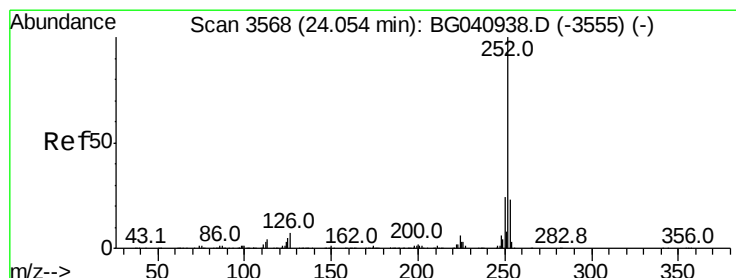
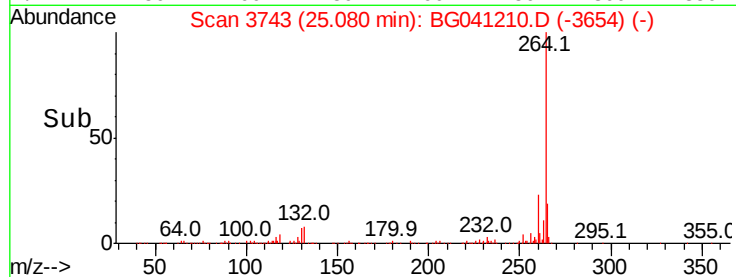
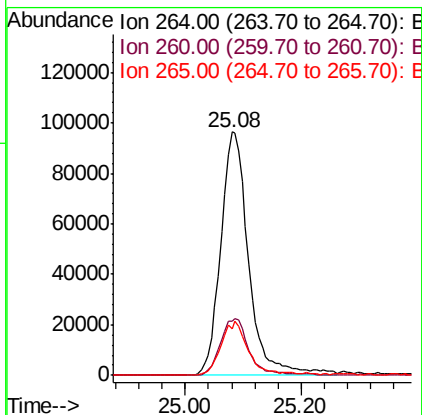
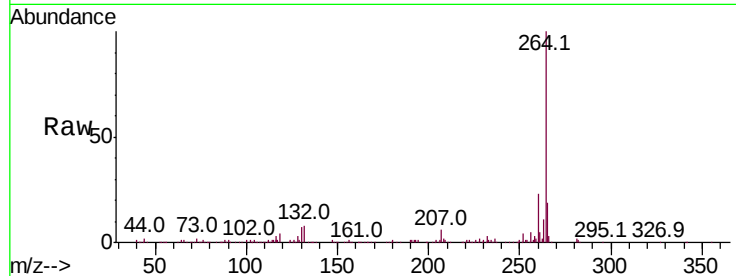
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 323409 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.5  | 19.0  | 28.4   |
| 265       | 19.3  | 17.0  | 25.4   |

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#88

Benzo(b)fluoranthene

Concen: 40.764 ng

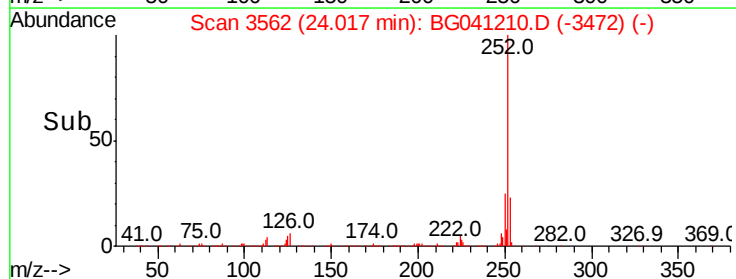
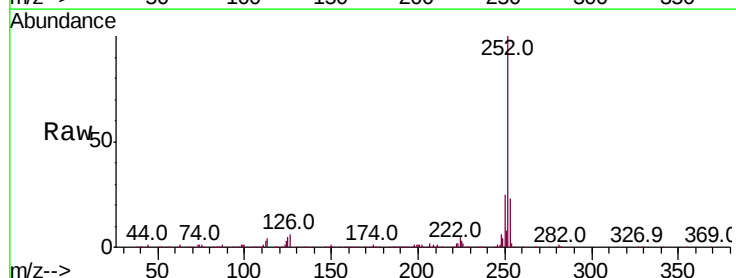
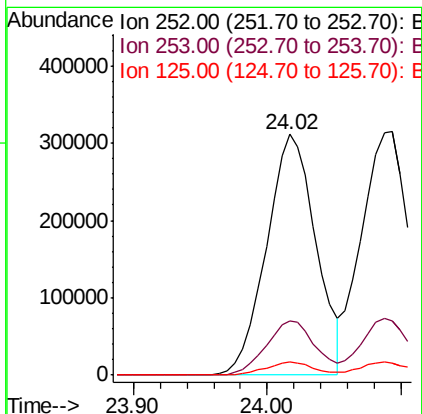
RT: 24.02 min Scan# 3562

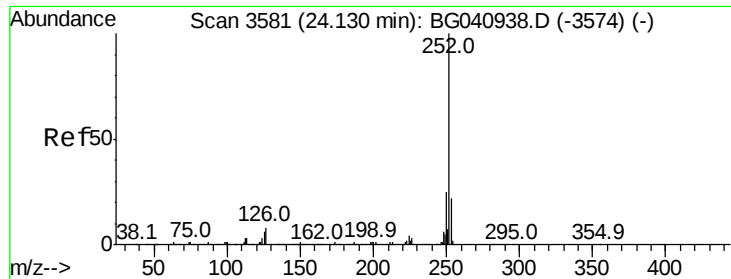
Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 799629 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.7  | 18.4  | 27.6   |
| 125       | 5.2   | 4.3   | 6.5    |





#89

Benzo(k)fluoranthene

Concen: 42.672 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

Instrument :

BNA\_G

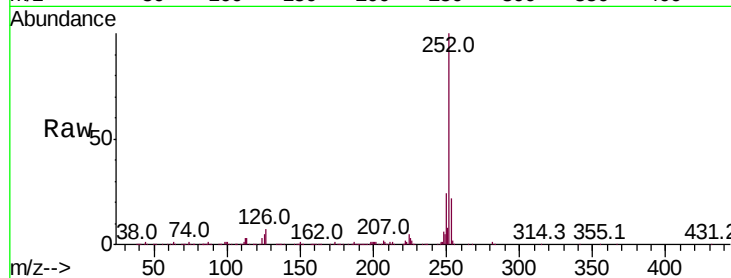
ClientSampleId :

SSTDCCC040

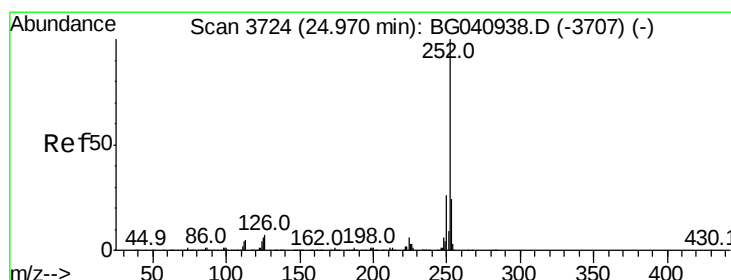
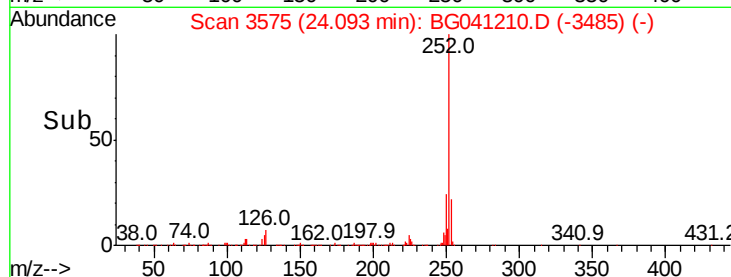
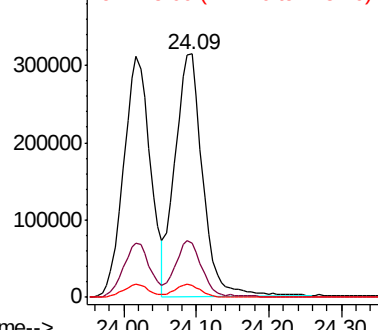
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 828313 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.8  | 26.6   |
| 125       | 5.2   | 4.7   | 7.1    |

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



#90

Benzo(a)pyrene

Concen: 40.230 ng

RT: 24.93 min Scan# 3717

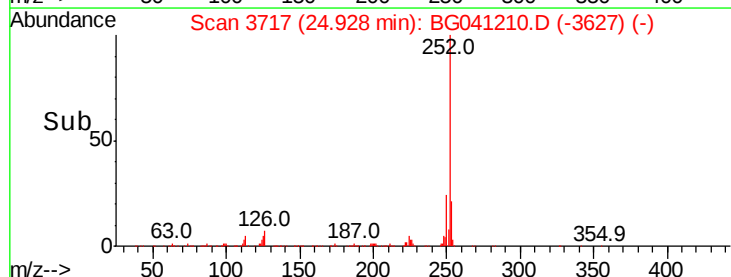
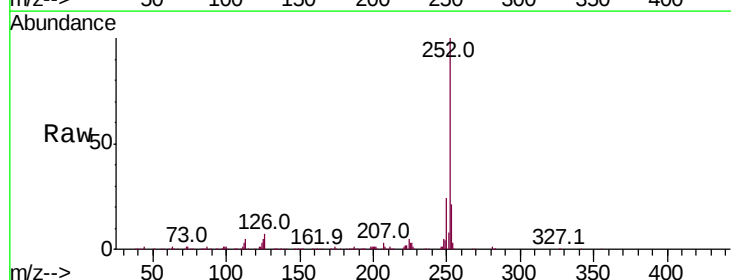
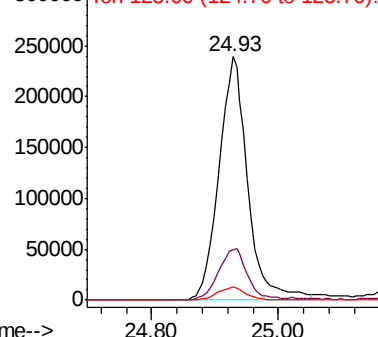
Delta R.T. 0.00 min

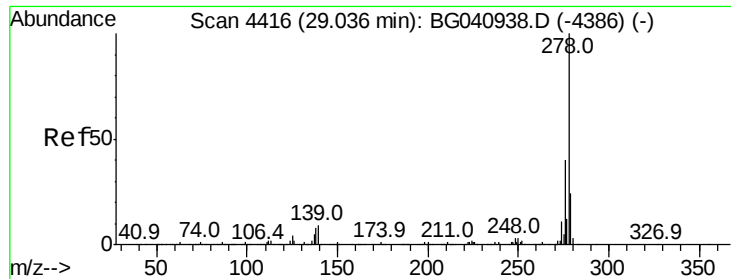
Lab File: BG041210.D

Acq: 12 Jun 2019 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 752899 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.9  | 19.5  | 29.3   |
| 125       | 5.3   | 5.1   | 7.7    |

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





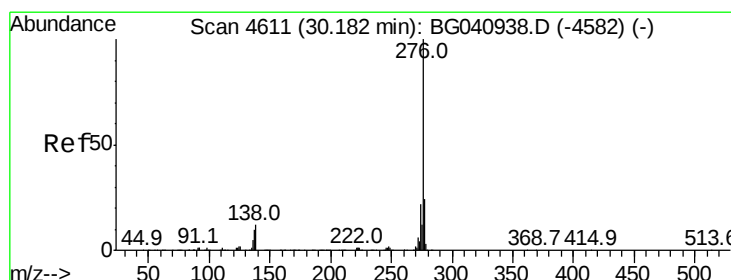
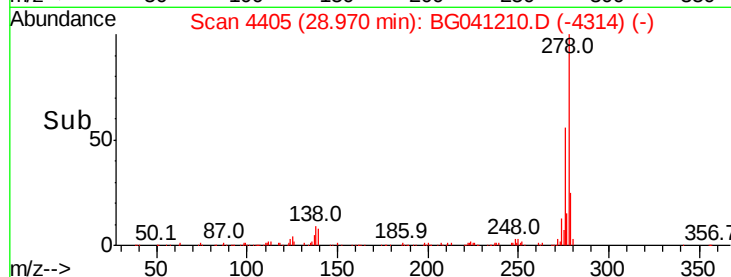
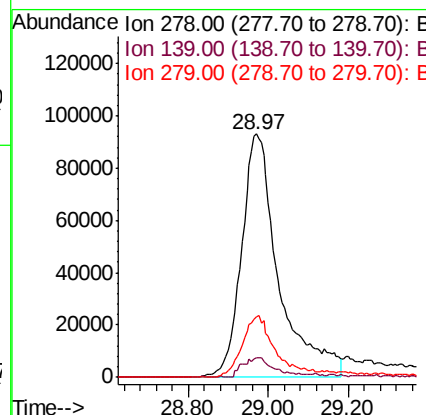
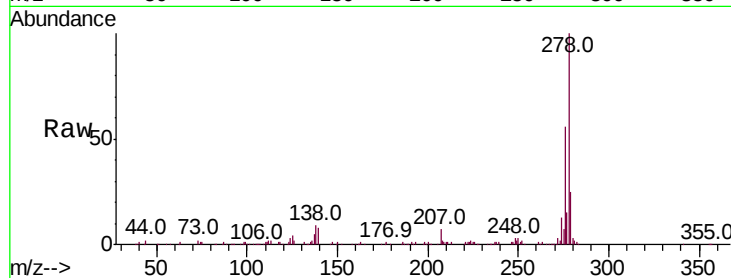
#91  
Dibenzo(a,h)anthracene  
Concen: 32.085 ng m  
RT: 28.97 min Scan# 4405  
Delta R.T. 0.01 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.2   | 7.1   | 10.7  |
| 279     | 24.8  | 19.4  | 29.2  |

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#92  
Benzo(g,h,i)perylene  
Concen: 32.810 ng m  
RT: 30.11 min Scan# 4599  
Delta R.T. -0.00 min  
Lab File: BG041210.D  
Acq: 12 Jun 2019 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 19.4  | 29.0  |
| 138     | 10.1  | 9.7   | 14.5  |

