

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\  
 Data File : BG041163.D  
 Acq On : 10 Jun 2019 15:05  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:39:53 AM

Quant Time: Jun 11 04:22:12 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  | 47527    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 204575   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.74 | 164  | 153234   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.48 | 188  | 374908   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 373453   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.09 | 264  | 400413   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.63  | 112 | 241909  | 91.78 | ng | 0.00 |
| 7) Phenol-d6                | 7.25  | 99  | 372462  | 91.50 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.29  | 82  | 415649  | 90.20 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.23 | 330 | 207785  | 91.34 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.36 | 172 | 946876  | 88.99 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.08 | 244 | 1435754 | 81.59 | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.50  | 88  | 49804   | 41.642 | ng | 99   |
| 3) Pyridine                    | 3.91  | 79  | 147184  | 41.589 | ng | 95   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 75957   | 46.245 | ng | 86   |
| 6) Aniline                     | 7.43  | 93  | 231716  | 42.647 | ng | 99   |
| 8) 2-Chlorophenol              | 7.66  | 128 | 139307  | 44.334 | ng | 92   |
| 9) Benzaldehyde                | 7.24  | 77  | 119244  | 49.108 | ng | 91   |
| 10) Phenol                     | 7.28  | 94  | 188967  | 43.297 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 136062  | 42.974 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 165187  | 44.015 | ng | 100  |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146 | 168572  | 44.375 | ng | 95   |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 161377  | 43.752 | ng | 93   |
| 15) Benzyl Alcohol             | 8.34  | 79  | 166609  | 44.247 | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62  | 45  | 214757  | 41.509 | ng | 97   |
| 17) 2-Methylphenol             | 8.53  | 107 | 135108  | 42.755 | ng | 99   |
| 18) Hexachloroethane           | 9.19  | 117 | 66316   | 45.294 | ng | 97   |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 133377  | 42.578 | ng | 99   |
| 20) 3+4-Methylphenols          | 8.87  | 107 | 187702  | 42.881 | ng | 99   |
| 22) Acetophenone               | 8.93  | 105 | 252698  | 44.034 | ng | # 99 |
| 24) Nitrobenzene               | 9.33  | 77  | 210748  | 44.877 | ng | 99   |
| 25) Isophorone                 | 9.84  | 82  | 377727  | 43.071 | ng | 98   |
| 26) 2-Nitrophenol              | 10.03 | 139 | 92588   | 47.824 | ng | 93   |
| 27) 2,4-Dimethylphenol         | 10.08 | 122 | 138323  | 43.261 | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93  | 202684  | 42.821 | ng | 98   |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 176161  | 43.386 | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 10.78 | 180 | 209138  | 45.278 | ng | 98   |
| 31) Naphthalene                | 10.98 | 128 | 484267  | 44.089 | ng | 99   |
| 32) Benzoic acid               | 10.23 | 122 | 105744m | 43.458 | ng |      |
| 33) 4-Chloroaniline            | 11.09 | 127 | 226726  | 44.488 | ng | 95   |
| 34) Hexachlorobutadiene        | 11.24 | 225 | 157368  | 44.527 | ng | 97   |
| 35) Caprolactam                | 11.89 | 113 | 52124   | 38.875 | ng | 94   |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 199237  | 42.965 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.58 | 142 | 365732  | 43.233 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.79 | 142 | 348823  | 43.758 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 276524  | 44.773 | ng | 100  |

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 Sample : SSTDCCC040  
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Instrument :  
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 SSTDCCC040EC

Manual Integrations  
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 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  | 135019   | 44.718 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.18 | 196  | 176448   | 44.162 | nq    | 94       |
| 44) 2,4,5-Trichlorophenol      | 13.25 | 196  | 179826   | 42.676 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 503032   | 44.349 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 442634   | 45.457 | nq    | 100      |
| 48) 2-Nitroaniline             | 13.83 | 65   | 160069   | 45.822 | nq    | 98       |
| 49) Acenaphthylene             | 14.47 | 152  | 644168   | 43.954 | nq    | 100      |
| 50) Dimethylphthalate          | 14.19 | 163  | 563689   | 43.457 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 125185   | 44.761 | nq    | 96       |
| 52) Acenaphthene               | 14.80 | 154  | 388196   | 43.724 | nq    | 95       |
| 53) 3-Nitroaniline             | 14.65 | 138  | 123499   | 44.160 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.86 | 184  | 46301    | 42.001 | nq    | 94       |
| 55) Dibenzofuran               | 15.14 | 168  | 662680   | 44.359 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 86753    | 45.225 | nq    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 178947   | 45.296 | nq    | # 98     |
| 58) Fluorene                   | 15.78 | 166  | 513689   | 43.177 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 178891   | 43.200 | nq    | 98       |
| 60) Diethylphthalate           | 15.54 | 149  | 569502   | 43.022 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 340028   | 43.971 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.82 | 138  | 133698   | 45.157 | nq    | 95       |
| 63) Azobenzene                 | 16.06 | 77   | 518766   | 43.117 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 95331    | 47.550 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 467638   | 44.372 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.67 | 248  | 221069   | 43.694 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.78 | 284  | 235420   | 43.697 | nq    | 98       |
| 69) Atrazine                   | 16.92 | 200  | 176449   | 43.390 | nq    | 97       |
| 70) Pentachlorophenol          | 17.12 | 266  | 117514   | 42.807 | nq    | 98       |
| 71) Phenanthrene               | 17.53 | 178  | 871268   | 44.615 | nq    | 99       |
| 72) Anthracene                 | 17.62 | 178  | 862198   | 44.766 | nq    | 99       |
| 73) Carbazole                  | 17.89 | 167  | 755331   | 45.705 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 922169   | 44.896 | nq    | 99       |
| 75) Fluoranthene               | 19.53 | 202  | 1085808  | 45.015 | nq    | 99       |
| 77) Benzidine                  | 19.71 | 184  | 432196   | 48.513 | nq    | 96       |
| 78) Pyrene                     | 19.89 | 202  | 1091096  | 44.944 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 430616   | 45.580 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 1098438  | 44.186 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 407414   | 46.596 | nq    | 100      |
| 83) Chrysene                   | 21.81 | 228  | 1046315  | 43.982 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 586309   | 44.085 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 989073   | 44.654 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.92 | 276  | 1212423  | 41.605 | nq    | # 98     |
| 88) Benzo(b)fluoranthene       | 24.03 | 252  | 1064769  | 43.842 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.10 | 252  | 1065538  | 44.336 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.94 | 252  | 1029724  | 44.440 | nq    | 96       |
| 91) Dibenzo(a,h)anthracene     | 28.99 | 278  | 999576   | 43.173 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 30.13 | 276  | 924168   | 41.086 | nq    | 96       |

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

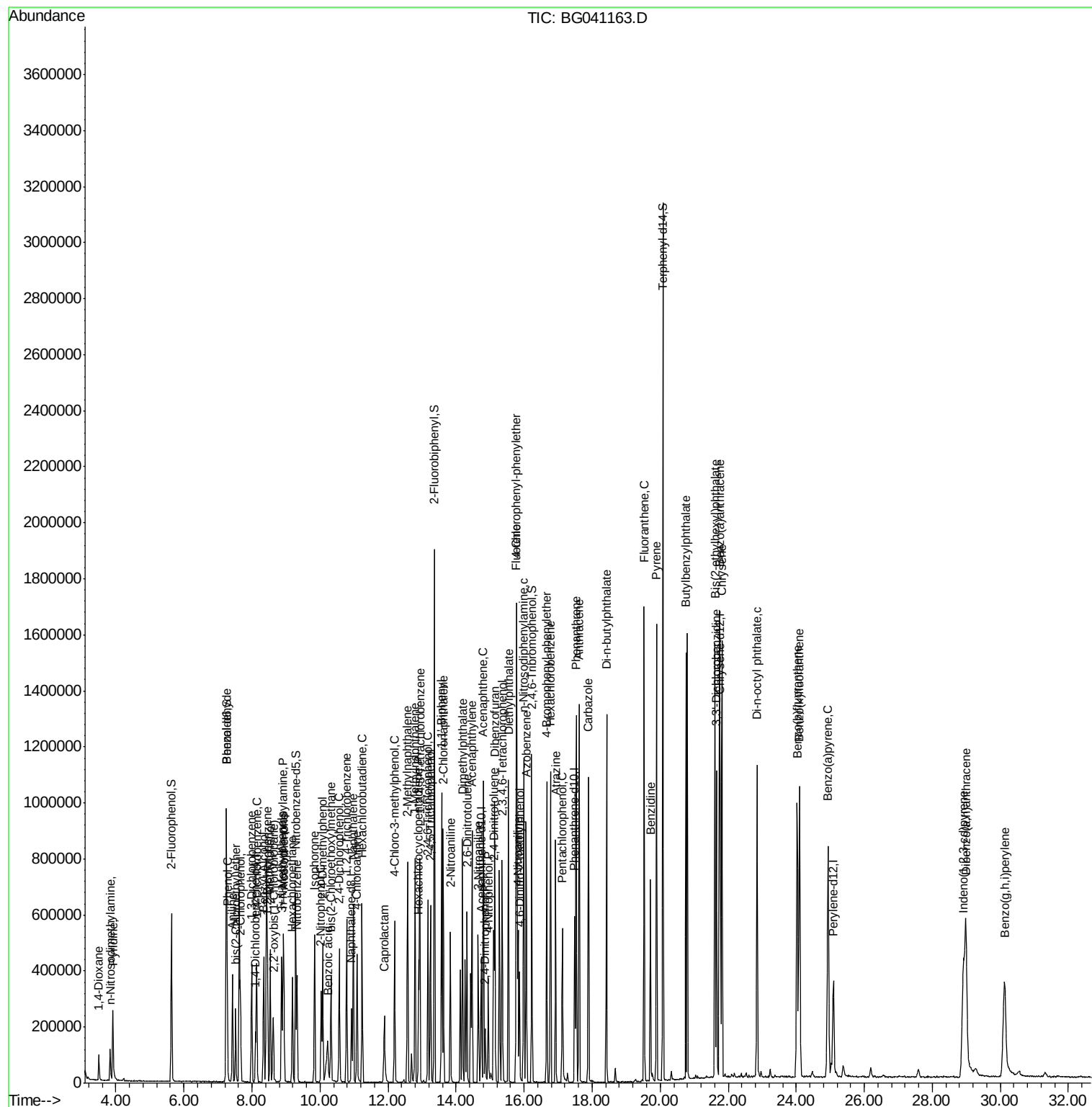
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\  
Data File : BG041163.D  
Acq On : 10 Jun 2019 15:05  
Operator : HP/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

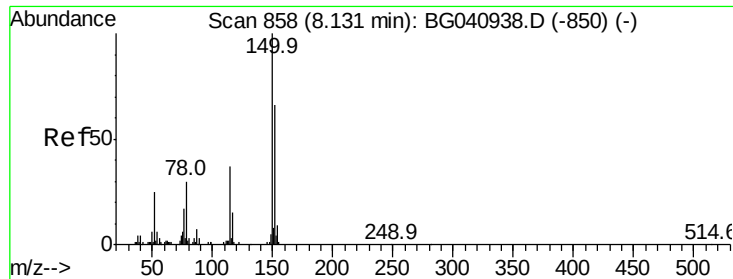
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Manual Integrations  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Jun 09 23:08:34 2019  
Response via : Initial Calibration





#1

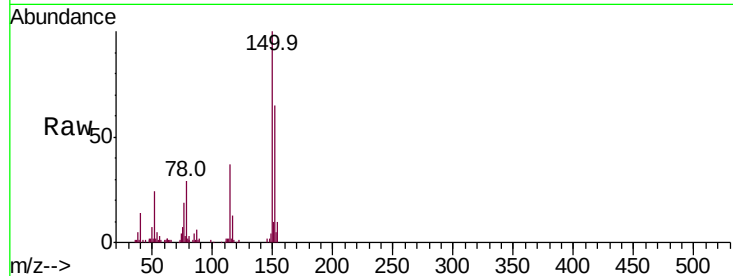
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.1 | 120.6 | 180.8 |
| 115     | 56.4  | 45.1  | 67.7  |

Manual Integrations  
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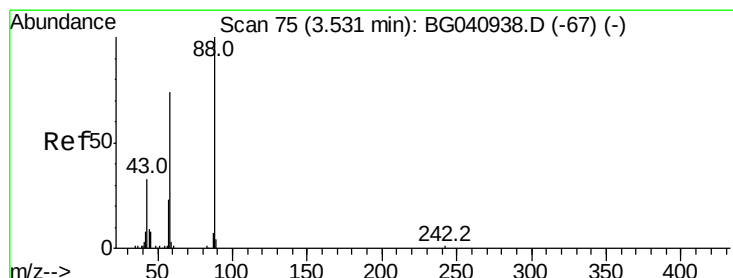
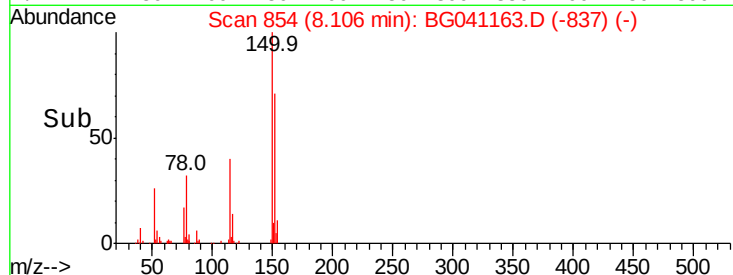
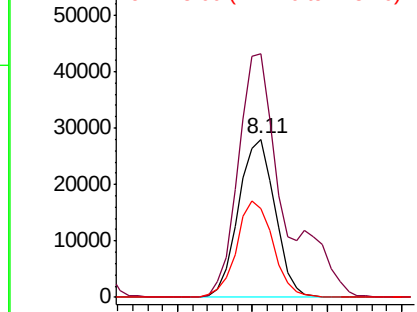


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

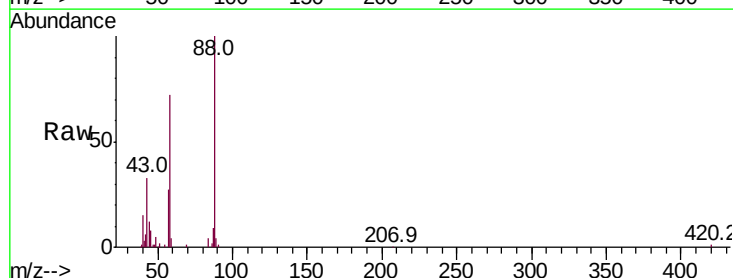
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 41.642 ng  
RT: 3.50 min Scan# 70  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.4  | 59.0  | 88.6  |
| 43      | 34.2  | 27.2  | 40.8  |

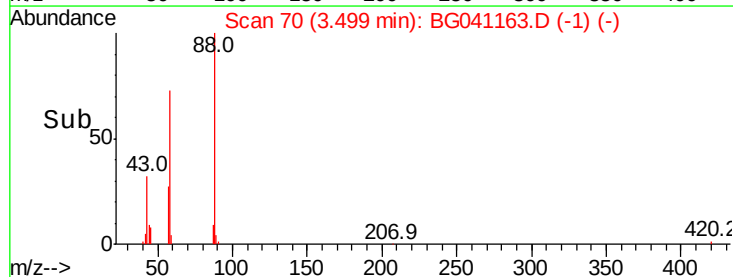
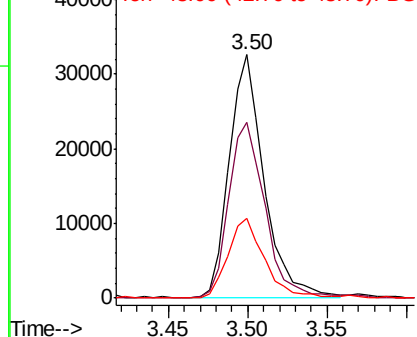


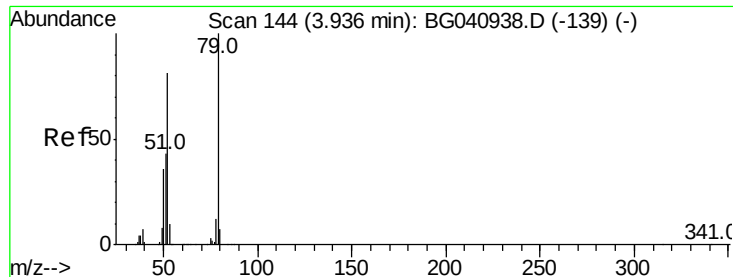
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.589 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

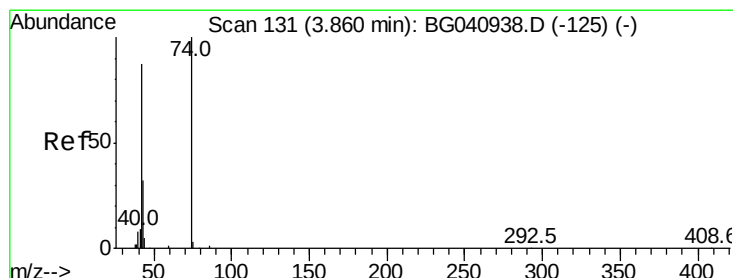
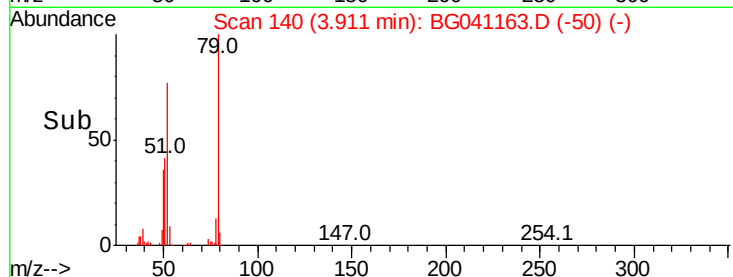
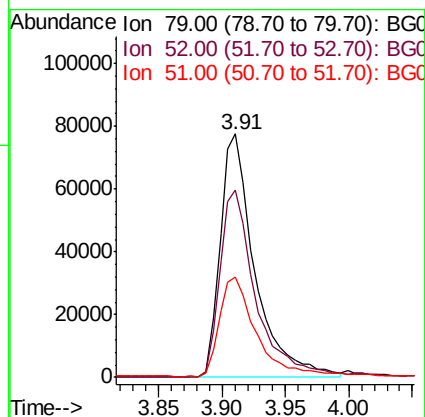
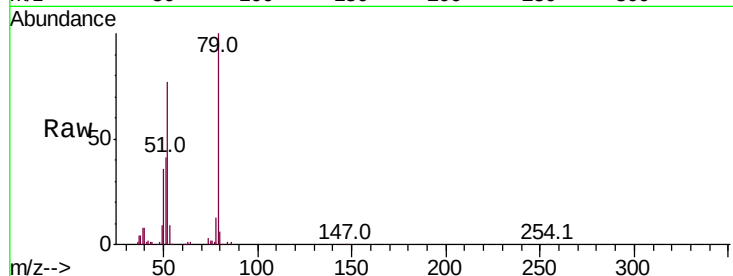
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 147184 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 76.9  | 64.8  | 97.2   |
| 51        | 41.3  | 35.3  | 52.9   |

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#4

n-Nitrosodimethylamine

Concen: 46.245 ng

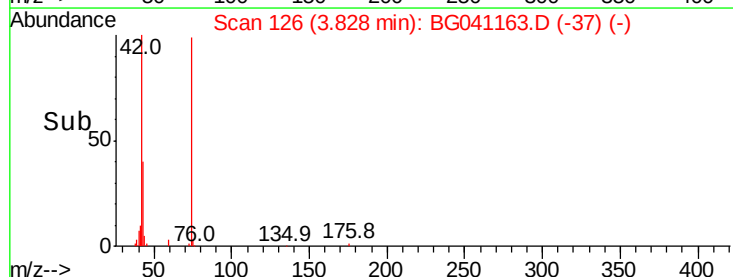
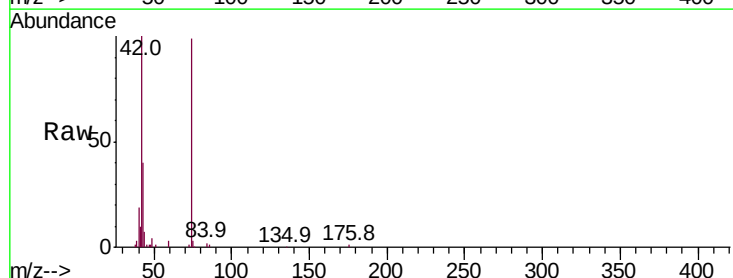
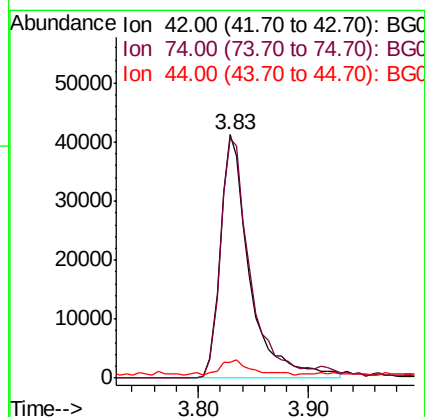
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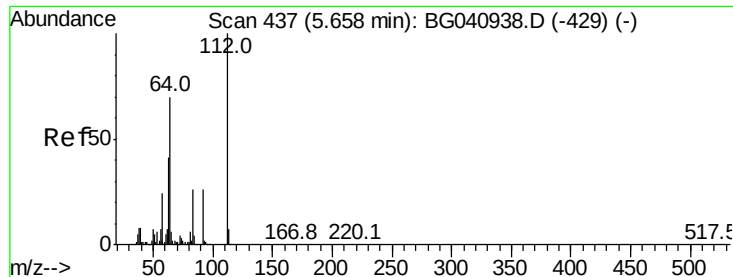
Delta R.T. -0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 75957 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 98.7  | 91.8  | 137.6 |
| 44        | 6.6   | 6.0   | 9.0   |





#5

2-Fluorophenol

Concen: 91.782 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

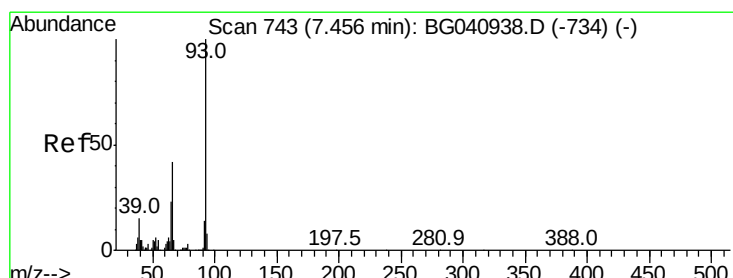
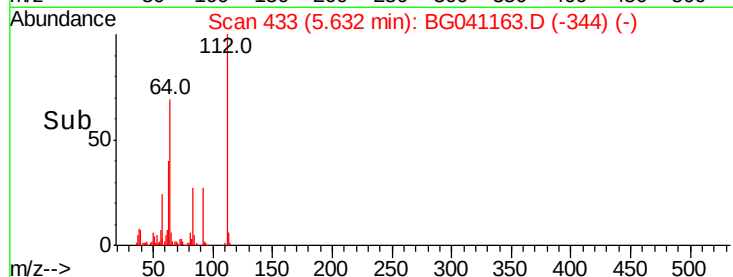
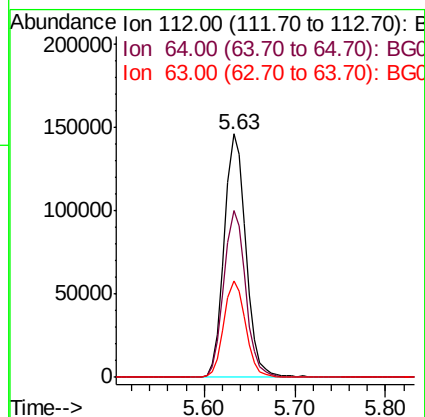
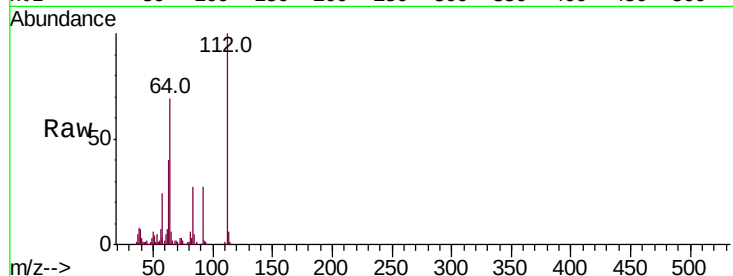
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 241909 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 68.5  | 56.2  | 84.2   |
| 63        | 39.6  | 32.8  | 49.2   |

Manual Integrations  
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#6

Aniline

Concen: 42.647 ng

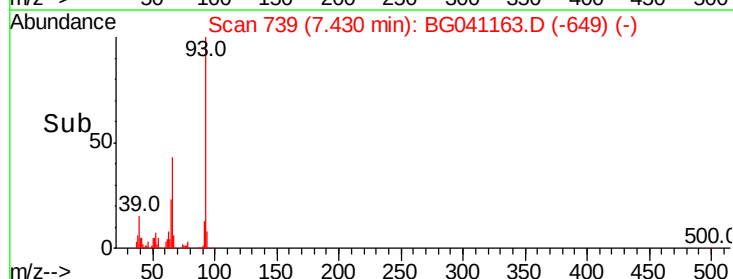
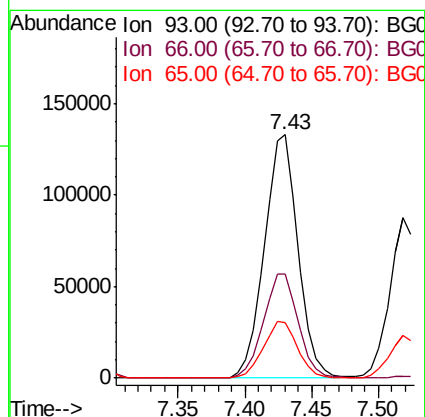
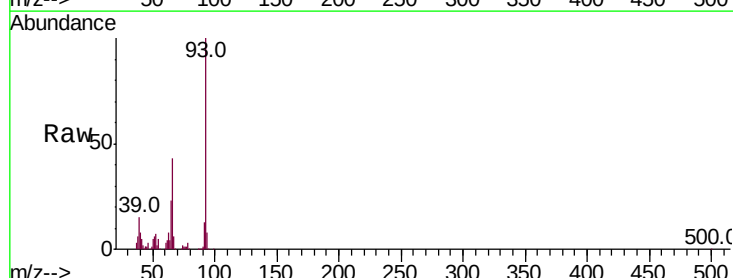
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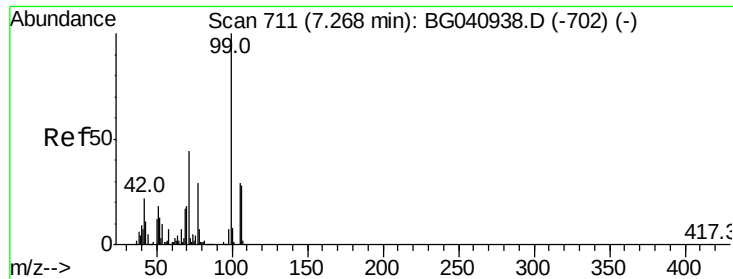
Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 231716 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.9  | 33.8  | 50.8   |
| 65        | 22.8  | 18.3  | 27.5   |





#7

Phenol-d6

Concen: 91.502 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

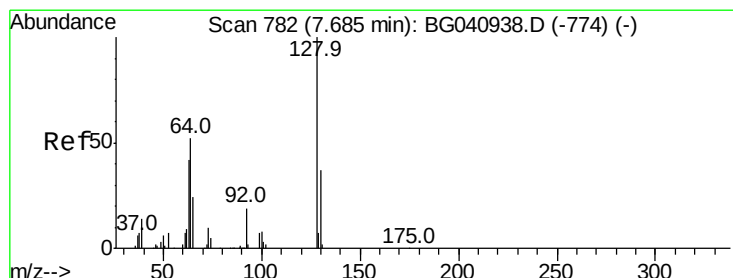
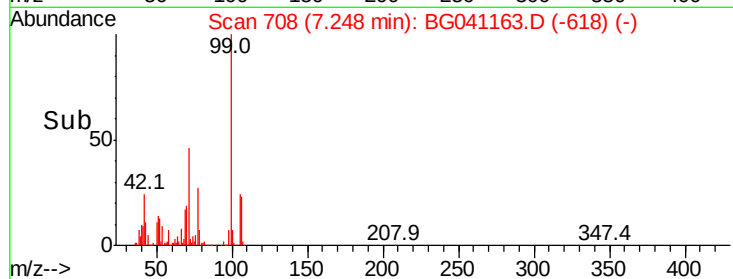
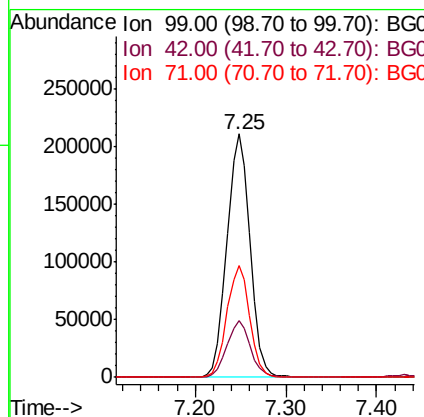
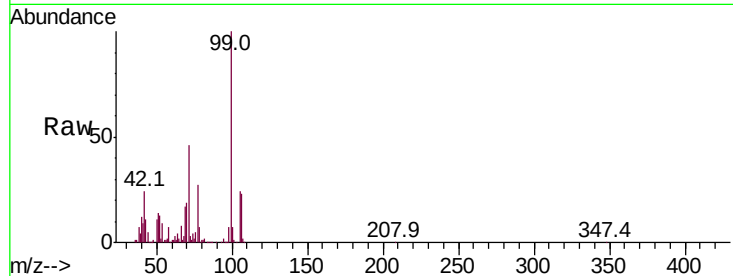
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 372462 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 23.5  | 17.9  | 26.9   |
| 71        | 45.9  | 35.4  | 53.0   |

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#8

2-Chlorophenol

Concen: 44.334 ng

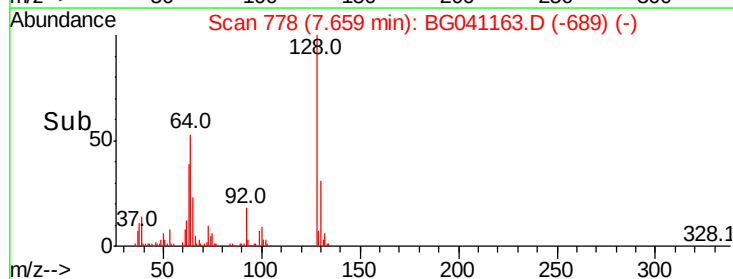
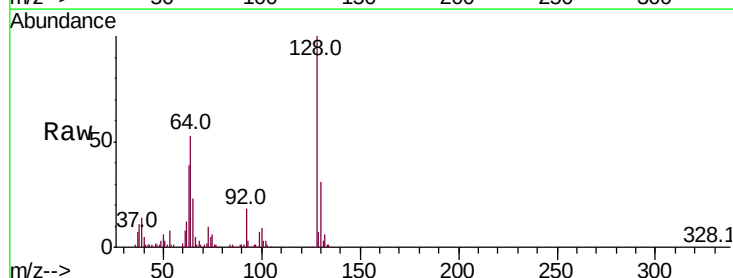
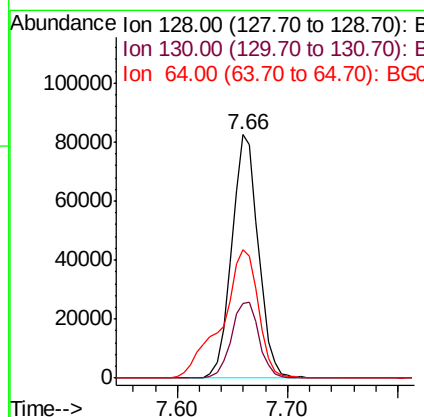
RT: 7.66 min Scan# 778

Delta R.T. -0.01 min

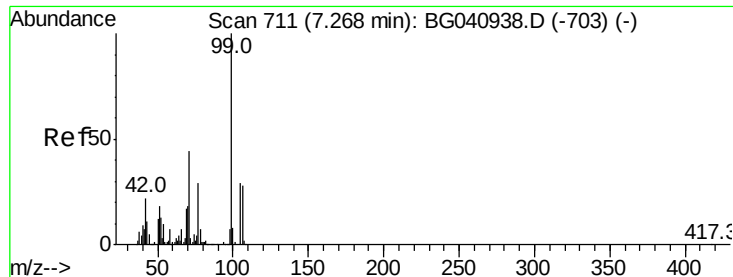
Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 139307 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 30.8  | 16.6  | 56.6   |
| 64        | 52.9  | 37.8  | 77.8   |







#9

Benzaldehyde

Concen: 49.108 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

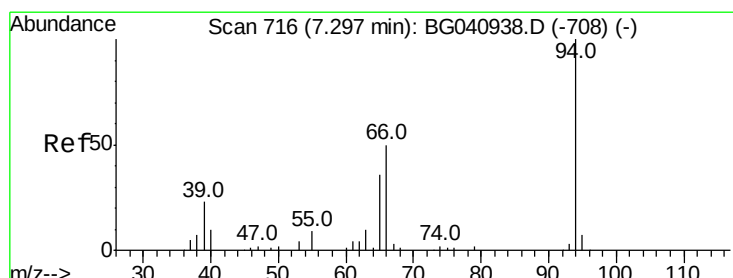
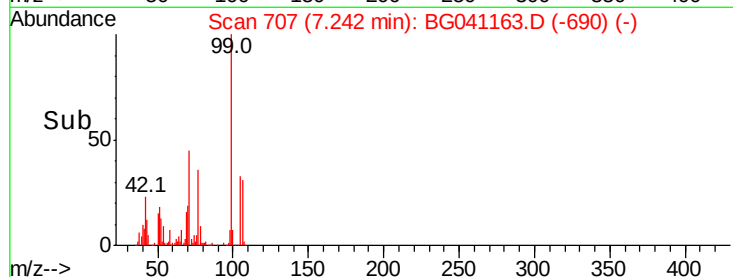
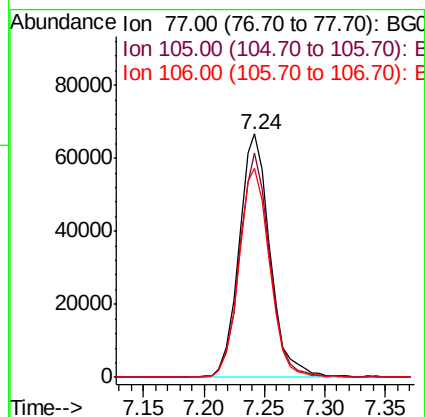
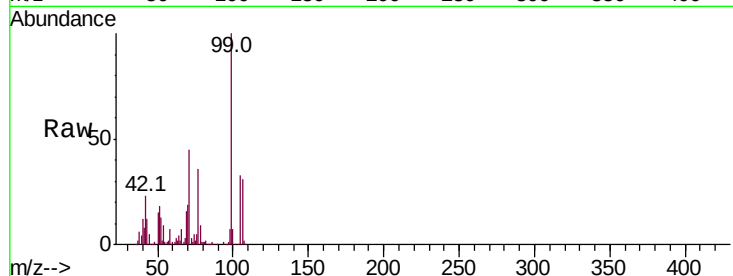
ClientSampleId :

SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 119244 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 92.1  | 78.9  | 118.9  |
| 106      | 85.7  | 76.7  | 116.7  |

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#10

Phenol

Concen: 43.297 ng

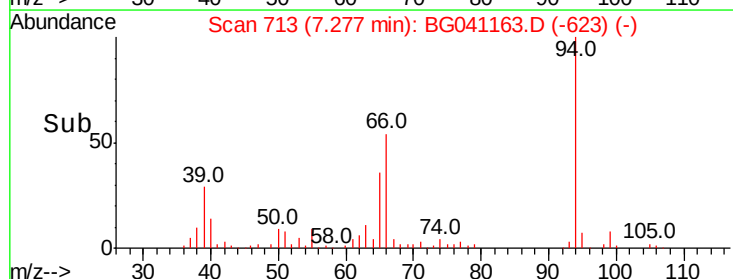
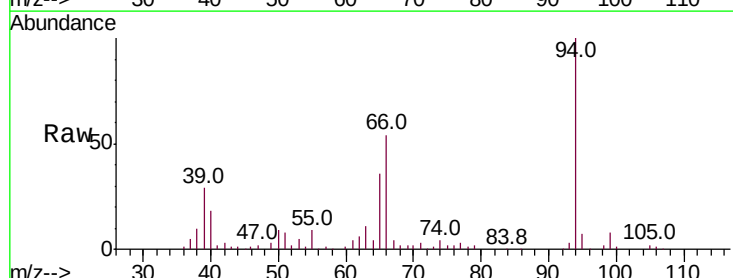
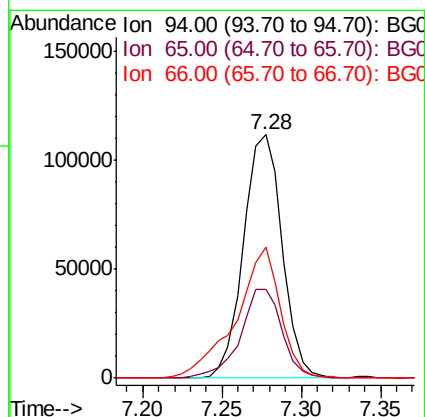
RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

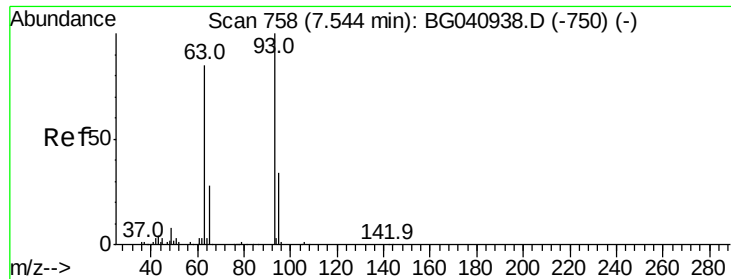
Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 188967 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 36.3  | 17.0  | 57.0   |
| 66       | 53.9  | 32.4  | 72.4   |







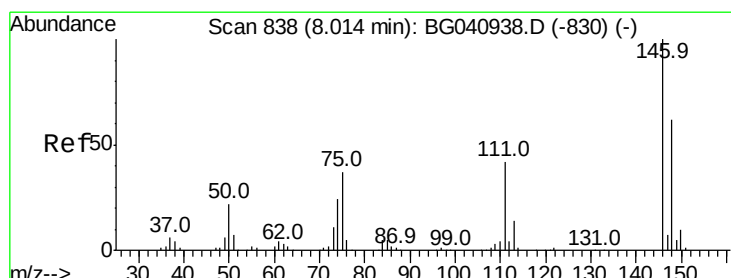
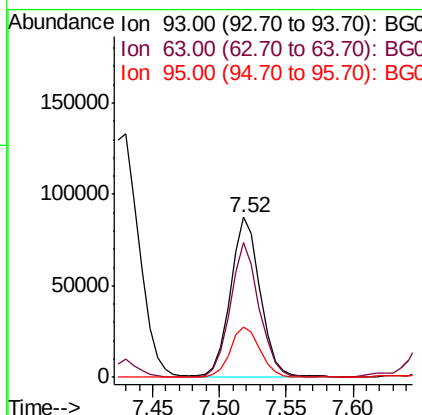
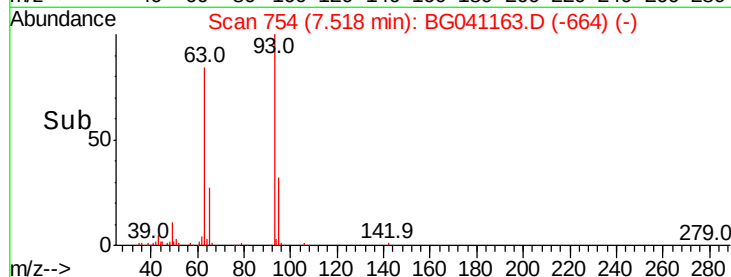
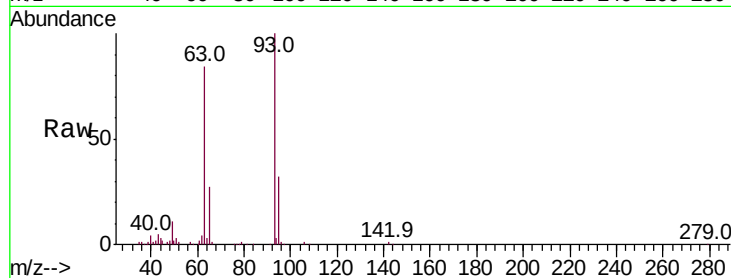
#11  
bis(2-Chloroethyl)ether  
Concen: 42.974 ng  
RT: 7.52 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 84.0  | 64.5  | 104.5 |
| 95      | 31.6  | 13.3  | 53.3  |

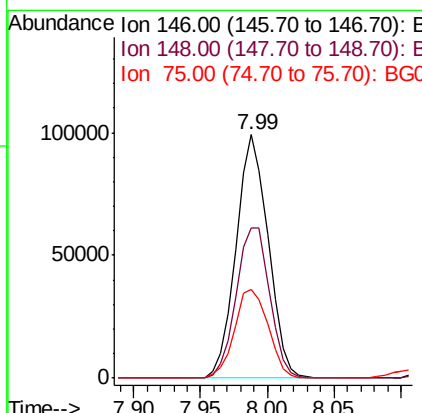
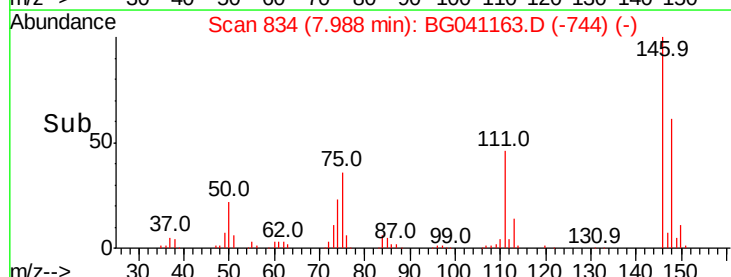
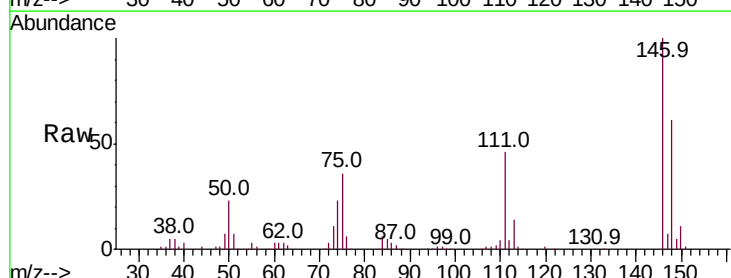
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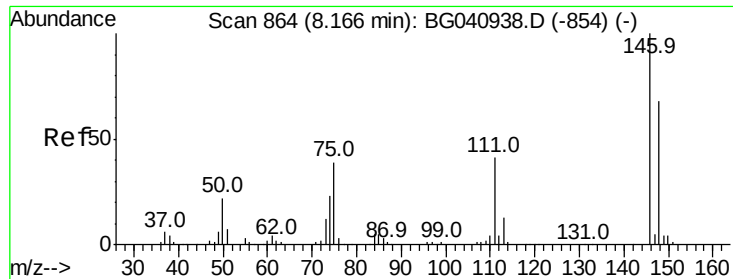
mohammad  
6/14/2019 8:39:53 AM



#12  
1,3-Dichlorobenzene  
Concen: 44.015 ng  
RT: 7.99 min Scan# 834  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.5  | 49.2  | 73.8  |
| 75      | 36.3  | 29.4  | 44.0  |





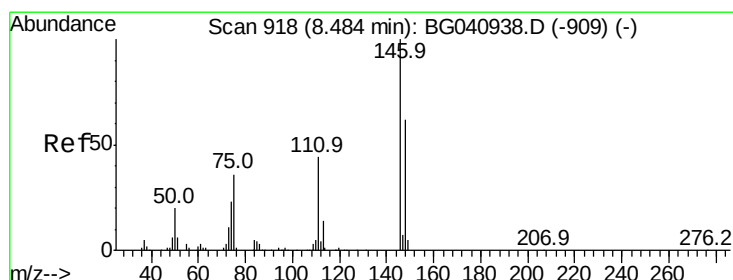
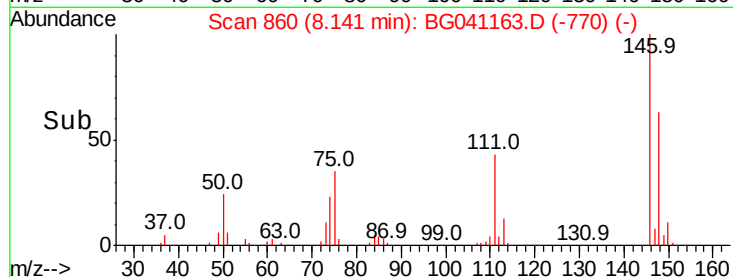
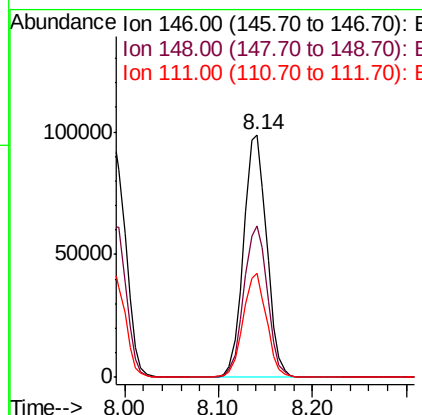
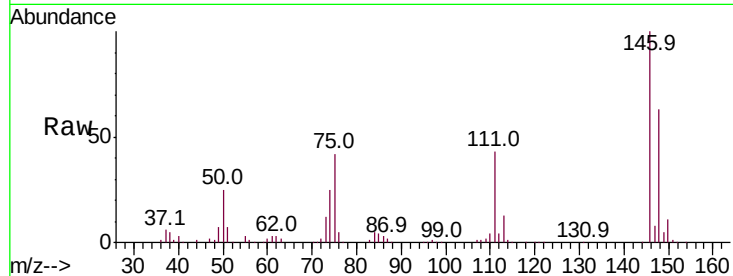
#13  
 1,4-Dichlorobenzene  
 Concen: 44.375 ng  
 RT: 8.14 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 54.2  | 81.4  |
| 111     | 42.8  | 32.9  | 49.3  |

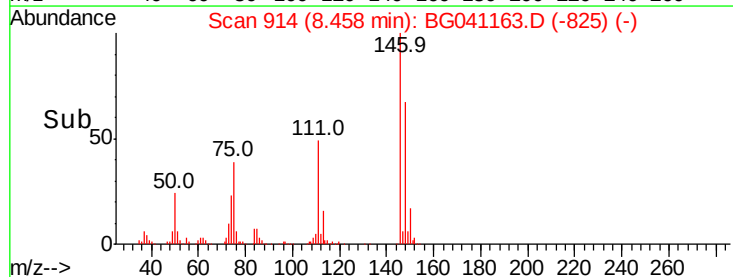
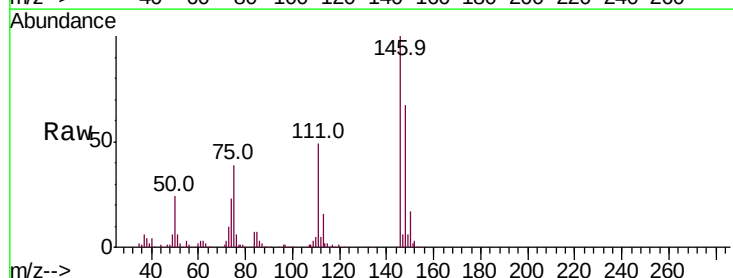
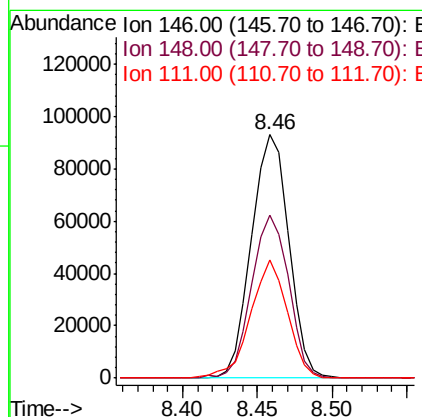
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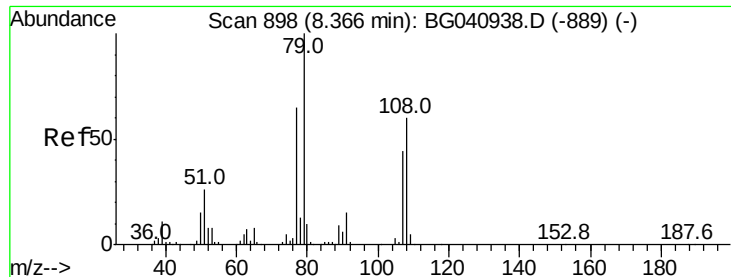
mohammad  
 6/14/2019 8:39:53 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 43.752 ng  
 RT: 8.46 min Scan# 914  
 Delta R.T. -0.01 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.8  | 49.8  | 74.6  |
| 111     | 48.5  | 35.0  | 52.4  |





#15

Benzyl Alcohol

Concen: 44.247 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

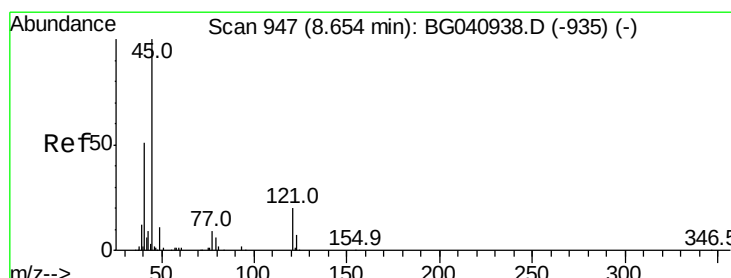
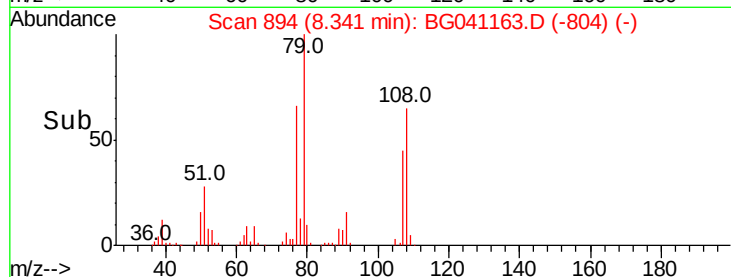
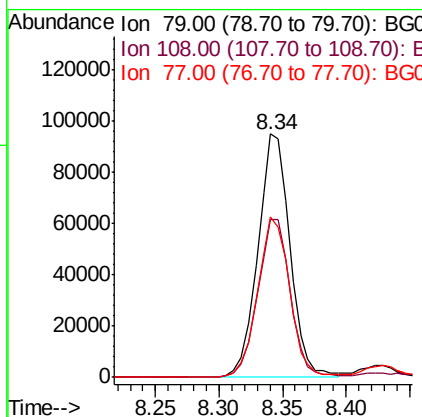
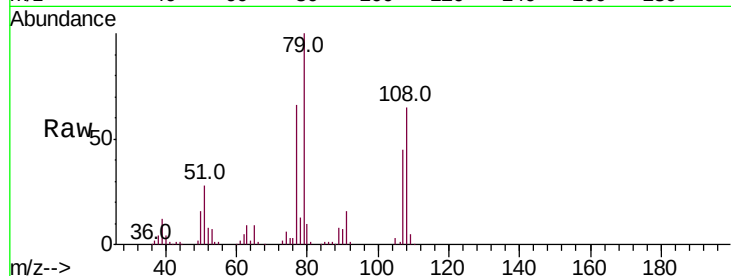
ClientSampleId :

SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 166609 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 64.6  | 48.3  | 72.5   |
| 77       | 65.7  | 52.3  | 78.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.509 ng

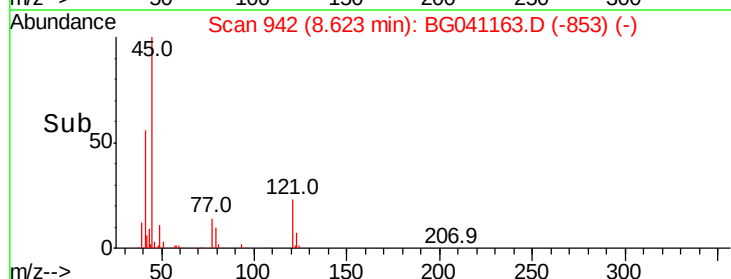
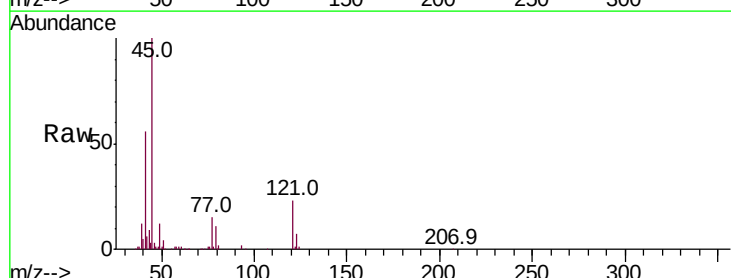
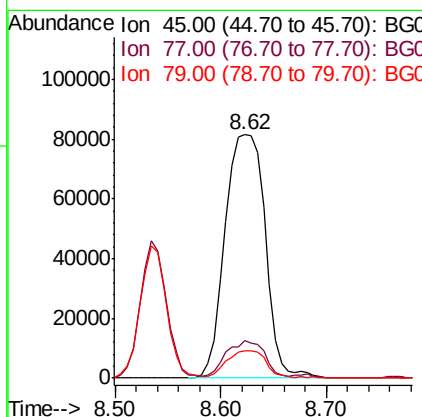
RT: 8.62 min Scan# 942

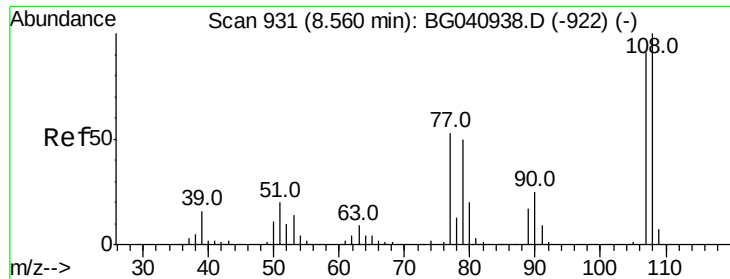
Delta R.T. -0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 214757 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 15.5  | 0.0   | 33.7   |
| 79       | 11.0  | 0.0   | 30.2   |





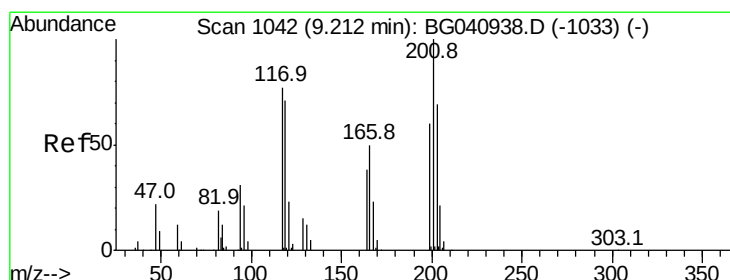
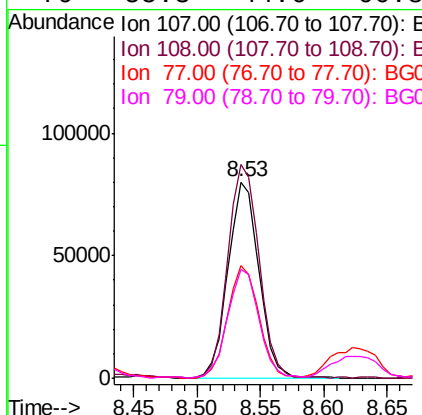
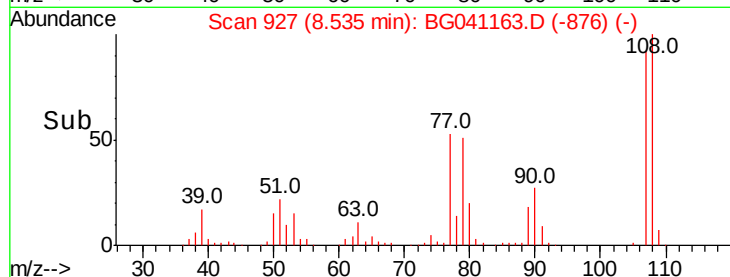
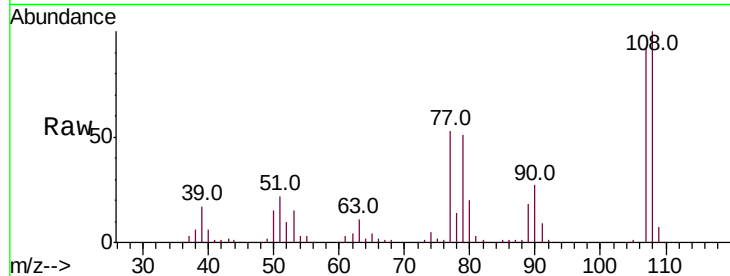
#17  
2-Methylphenol  
Concen: 42.755 ng  
RT: 8.53 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleID :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 108.7 | 87.7 | 131.5 |       |
| 77      | 57.2  | 46.6 | 70.0  |       |
| 79      | 55.3  | 44.6 | 66.8  |       |

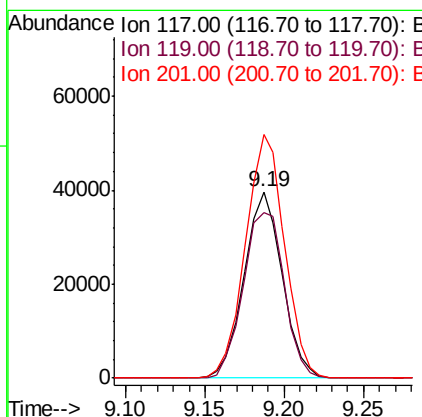
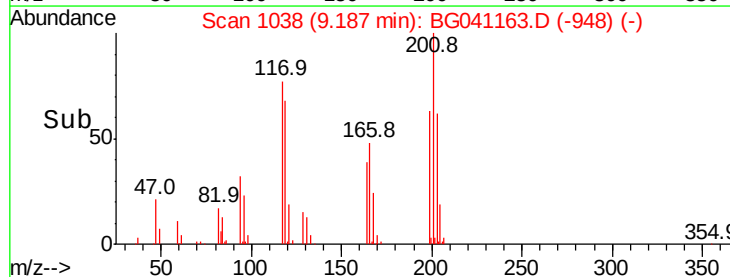
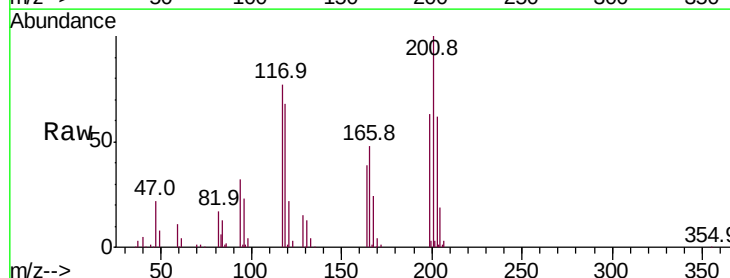
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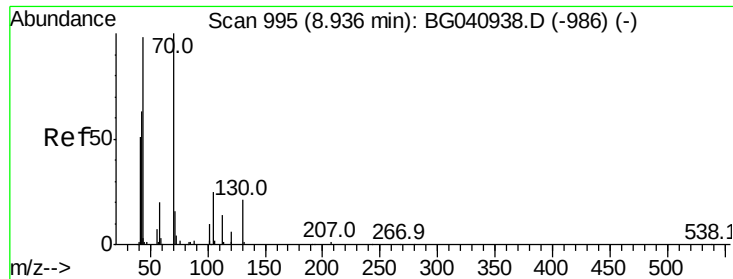
mohammad  
6/14/2019 8:39:53 AM



#18  
Hexachloroethane  
Concen: 45.294 ng  
RT: 9.19 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 88.8  | 75.0  | 112.6 |       |
| 201     | 130.6 | 103.5 | 155.3 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 42.578 ng

RT: 8.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

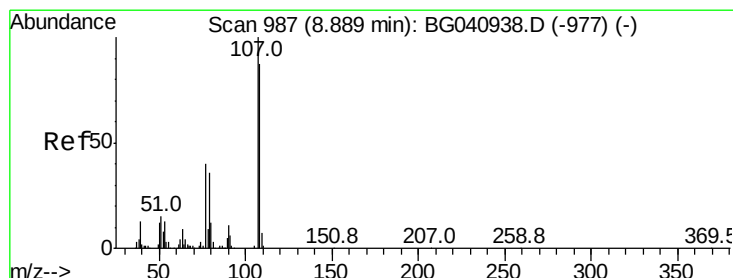
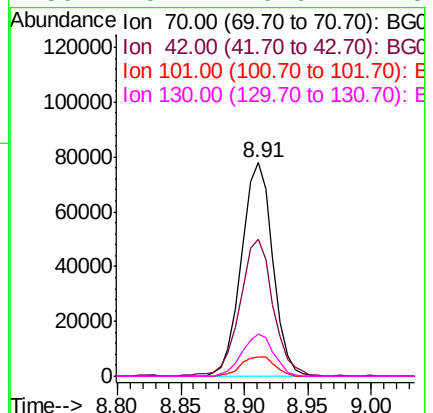
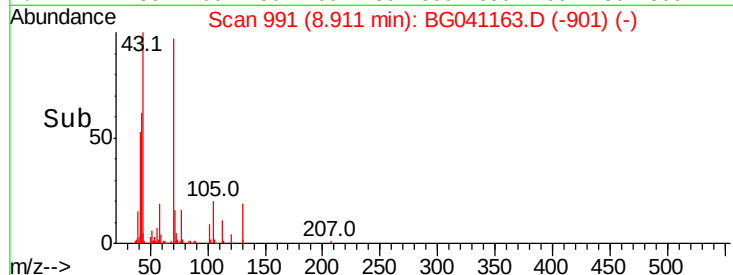
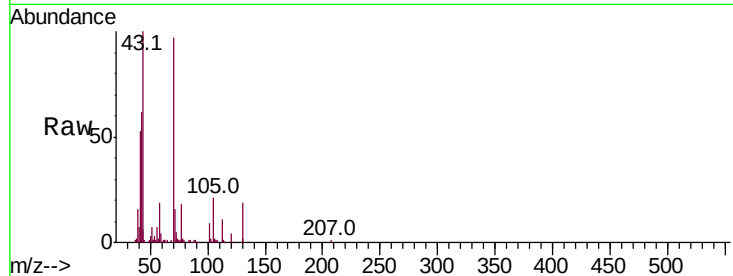
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 64.1 | 51.5  | 77.3  |       |
| 101     | 9.1  | 8.1   | 12.1  |       |
| 130     | 19.7 | 16.6  | 24.8  |       |

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#20

3+4-Methylphenols

Concen: 42.881 ng

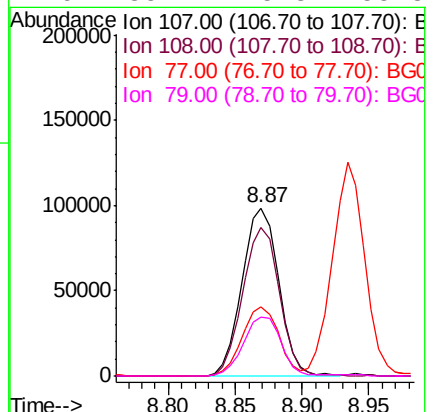
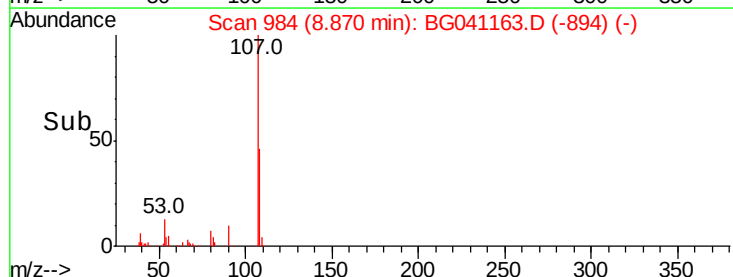
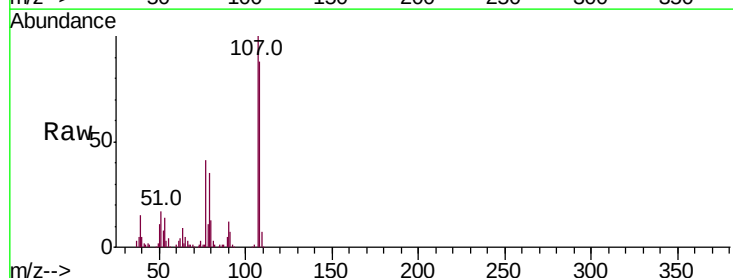
RT: 8.87 min Scan# 984

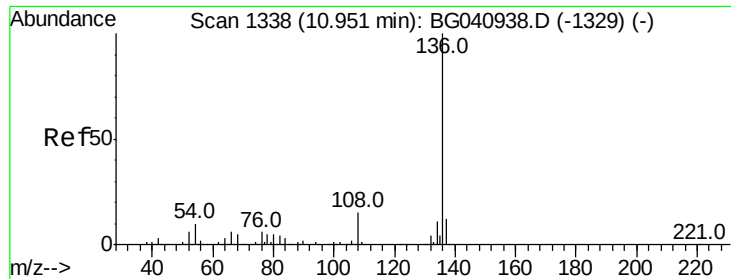
Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.1 | 66.8  | 106.8 |       |
| 77      | 41.0 | 20.5  | 60.5  |       |
| 79      | 35.2 | 15.8  | 55.8  |       |





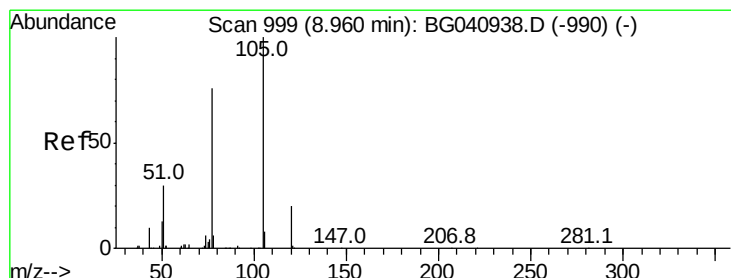
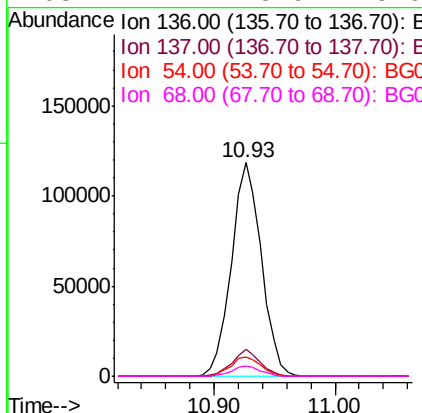
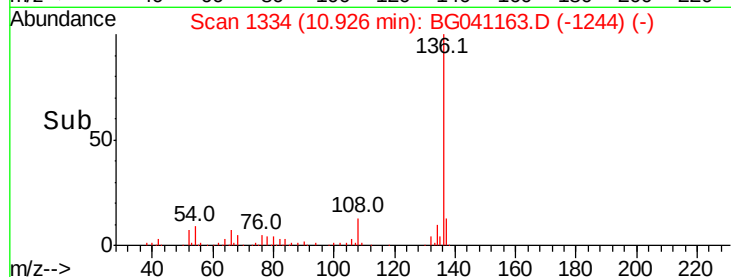
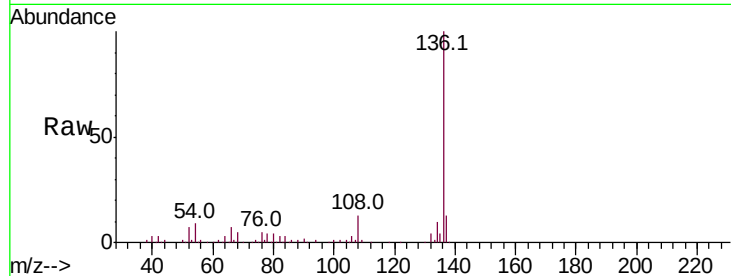
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 204575 |       |       |
| 137     | 12.6  |        | 9.5   | 14.3  |
| 54      | 9.0   |        | 7.6   | 11.4  |
| 68      | 4.7   |        | 3.9   | 5.9   |

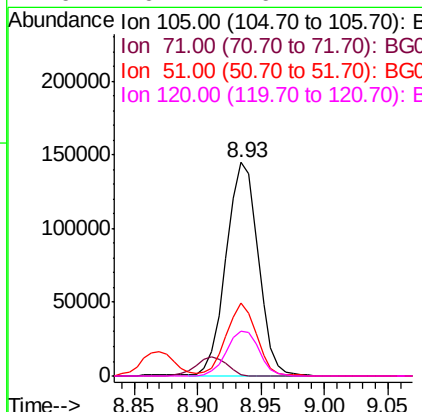
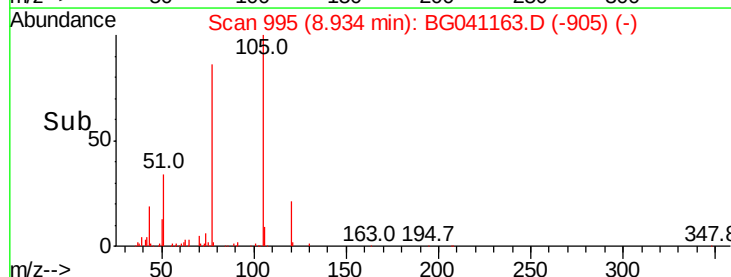
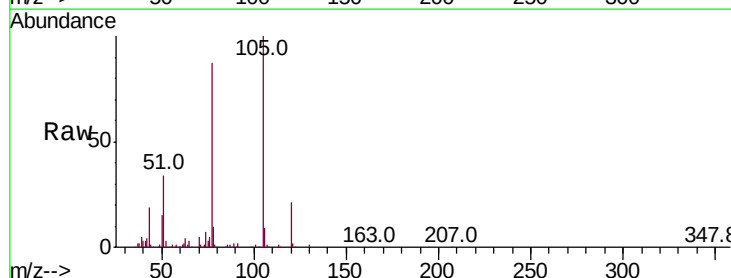
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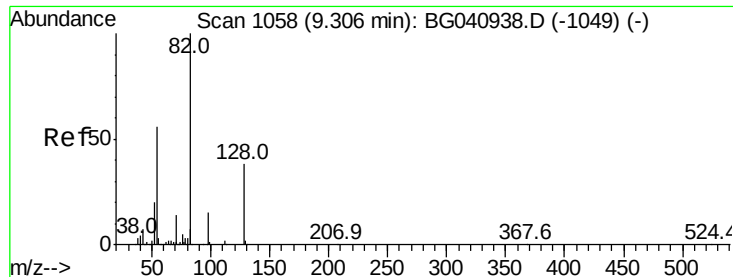
mohammad  
6/14/2019 8:39:53 AM



#22  
Acetophenone  
Concen: 44.034 ng  
RT: 8.93 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 252698 |       |       |
| 71      | 0.7   |        | 0.4   | 0.6#  |
| 51      | 34.4  |        | 27.0  | 40.6  |
| 120     | 20.7  |        | 16.2  | 24.4  |





#23

Nitrobenzene-d5

Concen: 90.198 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

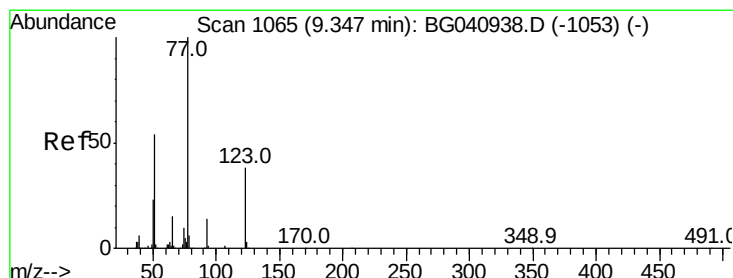
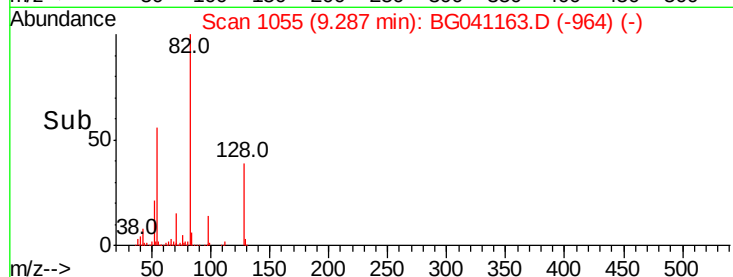
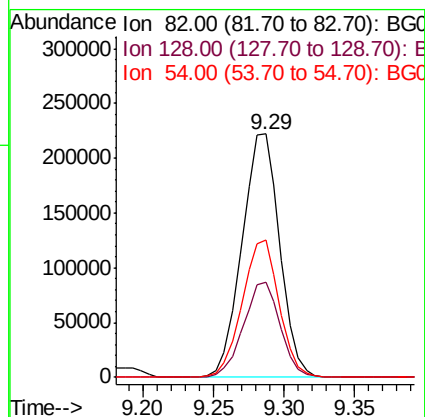
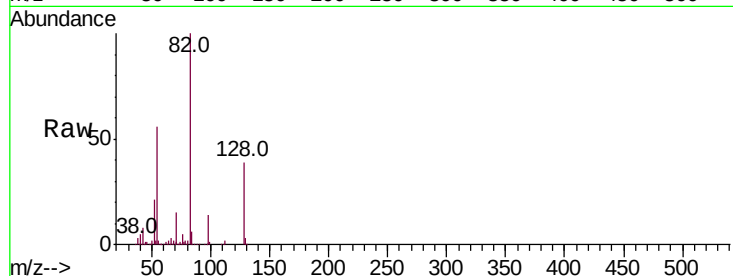
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 415649 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.8  | 30.5  | 45.7   |
| 54        | 56.5  | 44.6  | 66.8   |

Manual Integrations  
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#24

Nitrobenzene

Concen: 44.877 ng

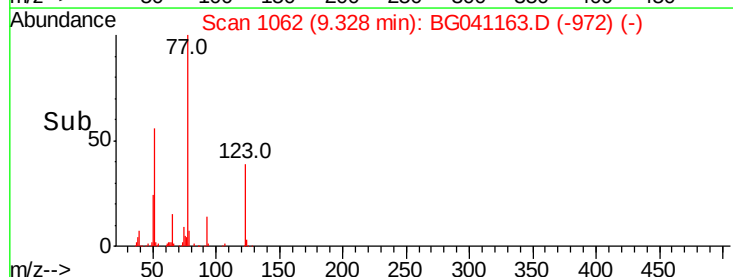
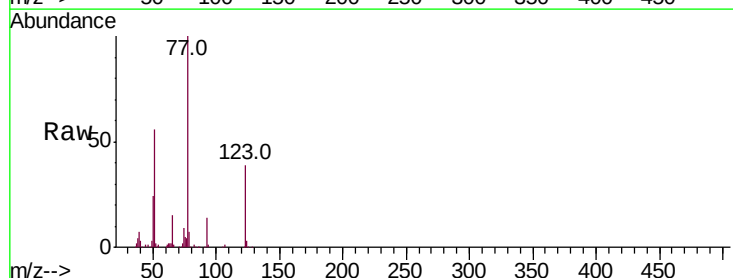
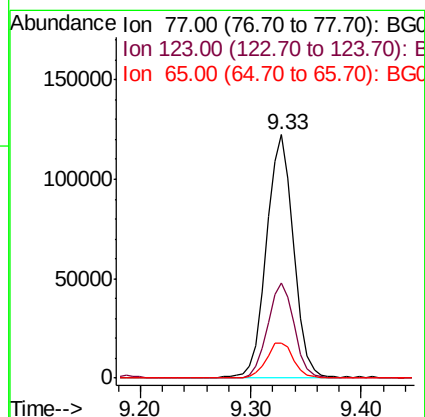
RT: 9.33 min Scan# 1062

Delta R.T. 0.00 min

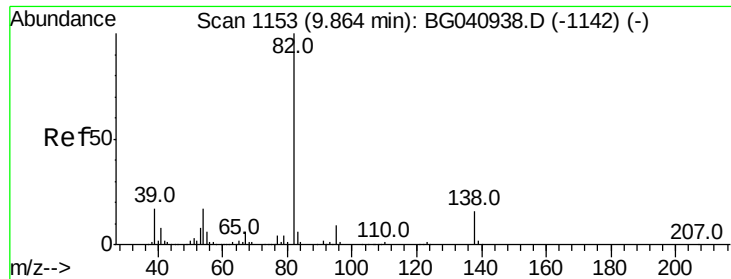
Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 210748 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 38.9  | 30.6  | 46.0   |
| 65        | 14.5  | 12.3  | 18.5   |







#25

Isophorone

Concen: 43.071 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

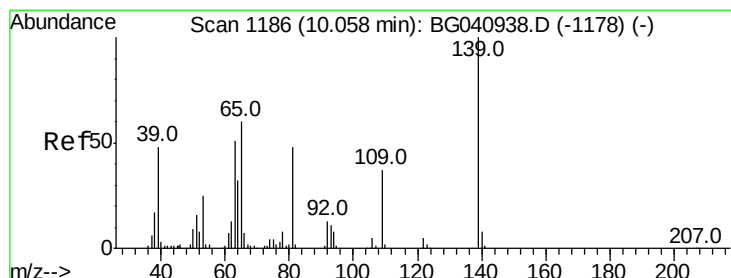
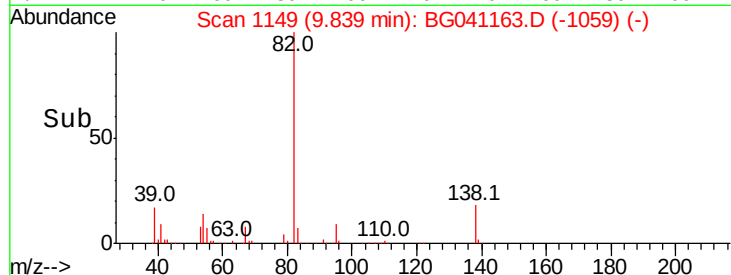
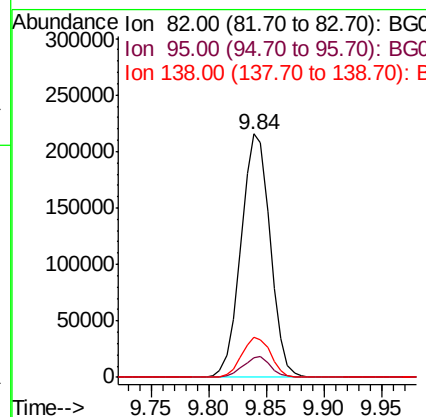
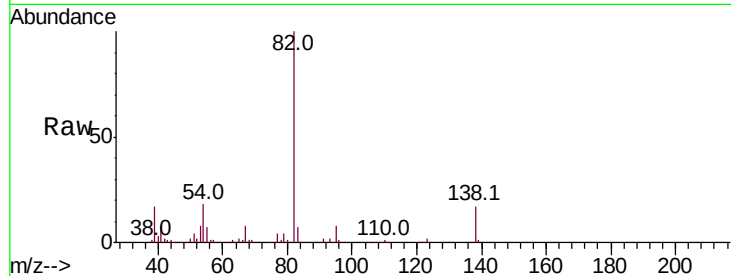
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 377727 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.2   | 7.0   | 10.4   |
| 138       | 16.6  | 12.6  | 19.0   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 47.824 ng

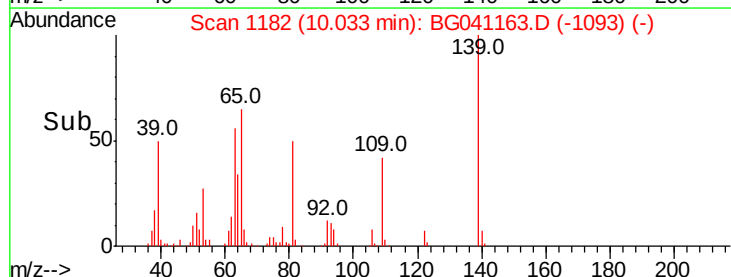
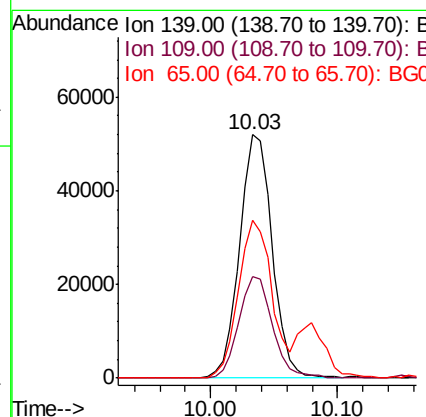
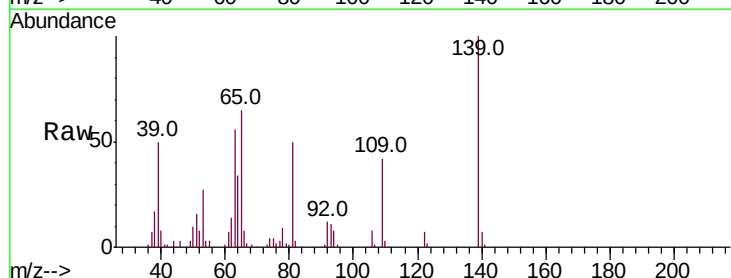
RT: 10.03 min Scan# 1182

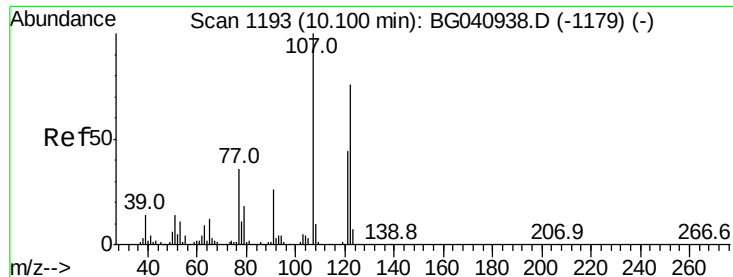
Delta R.T. -0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 92588 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 41.6  | 29.8  | 44.6  |
| 65        | 65.0  | 47.8  | 71.6  |





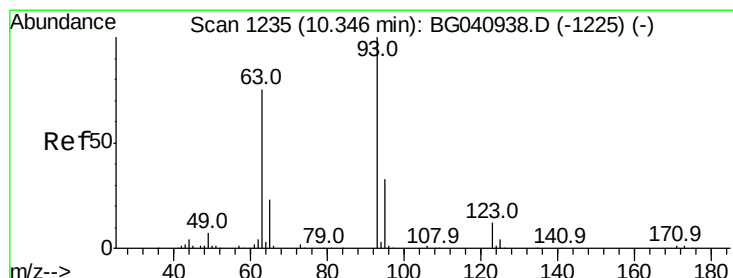
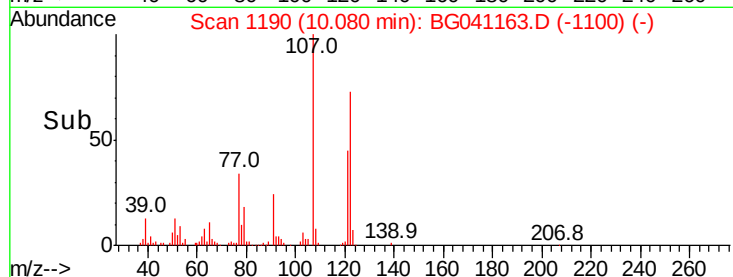
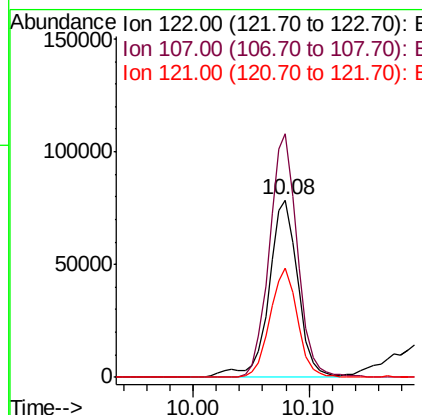
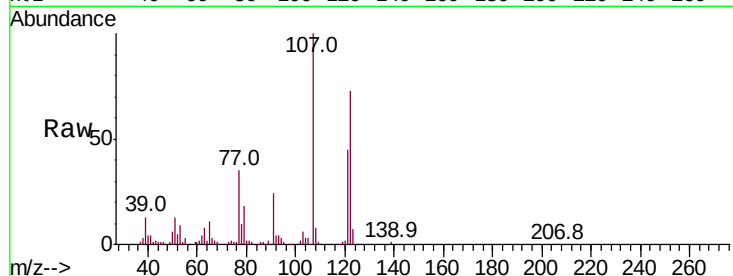
#27  
2,4-Dimethylphenol  
Concen: 43.261 ng  
RT: 10.08 min Scan# 1190  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 137.4 | 105.9 | 158.9 |
| 121     | 61.3  | 46.2  | 69.4  |

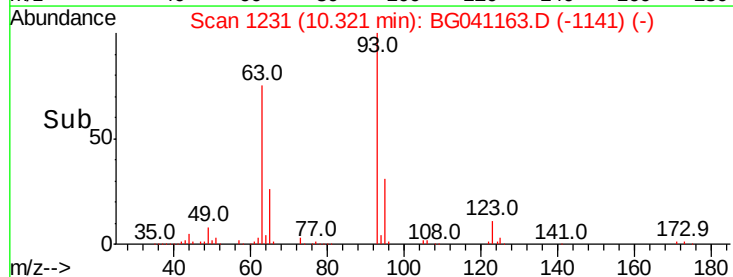
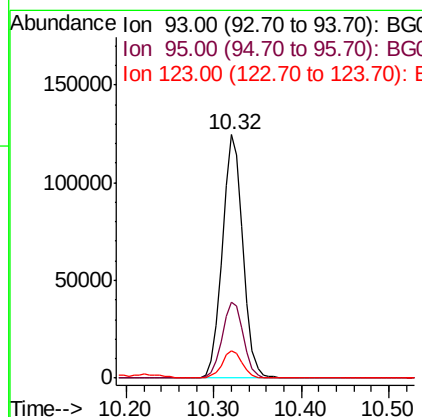
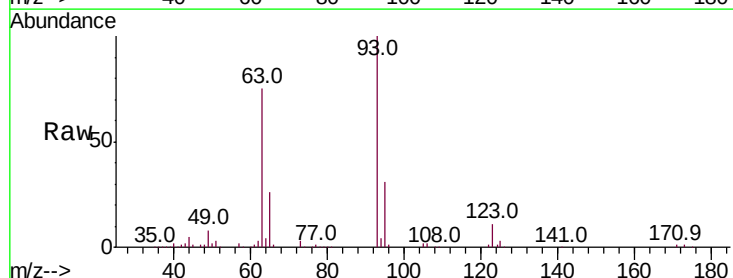
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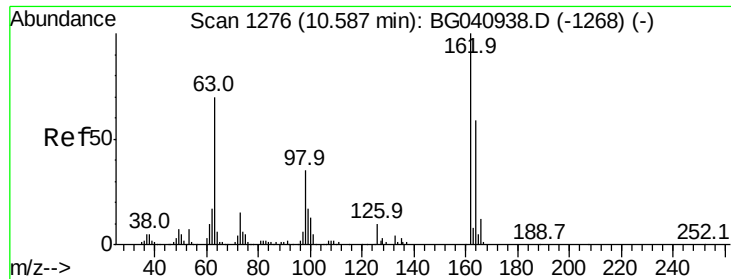
mohammad  
6/14/2019 8:39:53 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.821 ng  
RT: 10.32 min Scan# 1231  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.2  | 26.2  | 39.2  |
| 123     | 11.4  | 9.5   | 14.3  |





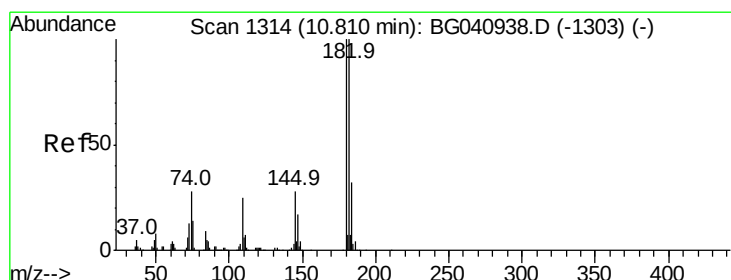
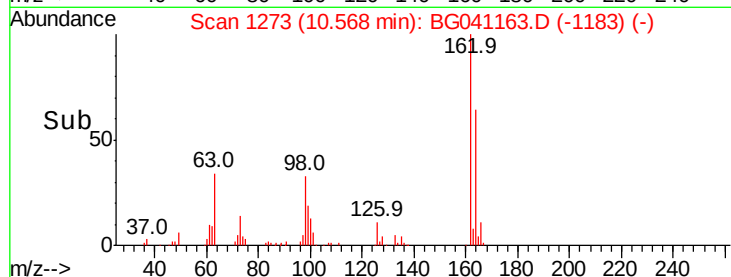
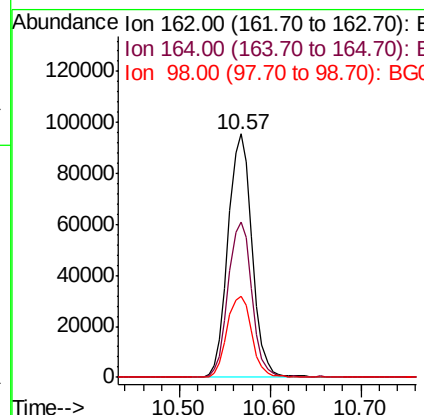
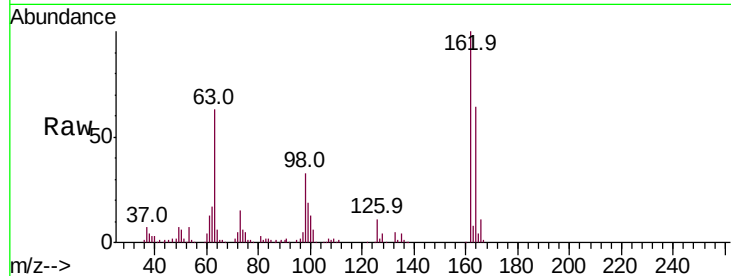
#29  
2,4-Dichlorophenol  
Concen: 43.386 ng  
RT: 10.57 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 176161 |       |       |
| 164     | 63.6  | 39.4   | 79.4  |       |
| 98      | 33.3  | 15.3   | 55.3  |       |

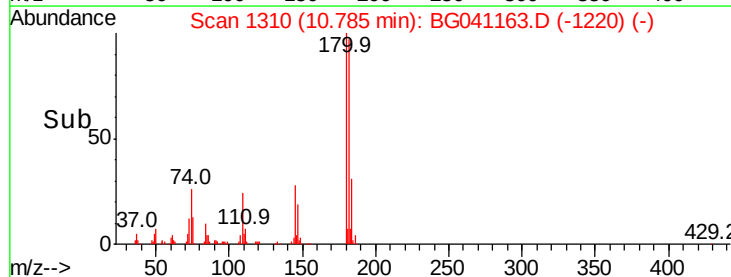
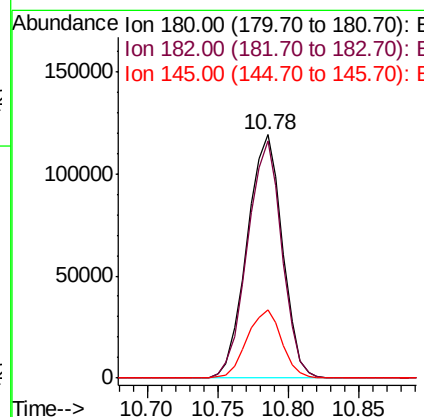
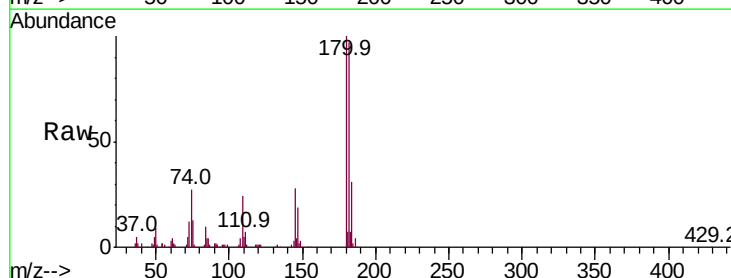
Manual Integrations  
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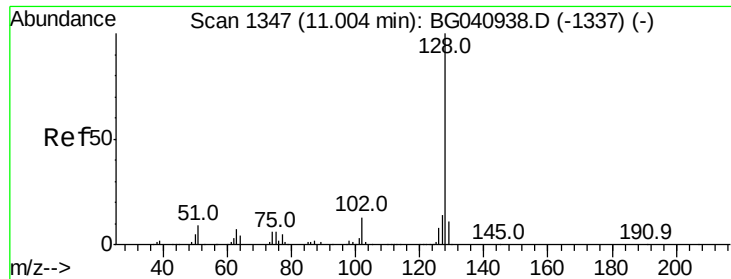
mohammad  
6/14/2019 8:39:53 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 45.278 ng  
RT: 10.78 min Scan# 1310  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 209138 |       |       |
| 182     | 97.3  | 79.7   | 119.5 |       |
| 145     | 28.2  | 22.6   | 34.0  |       |





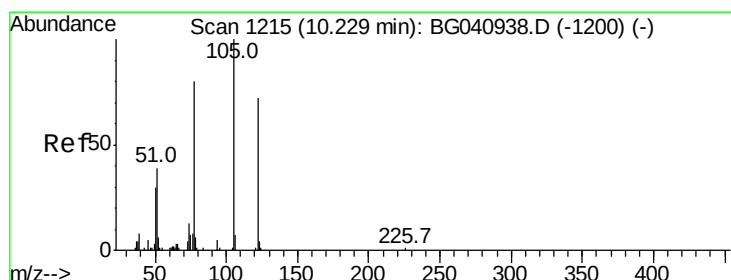
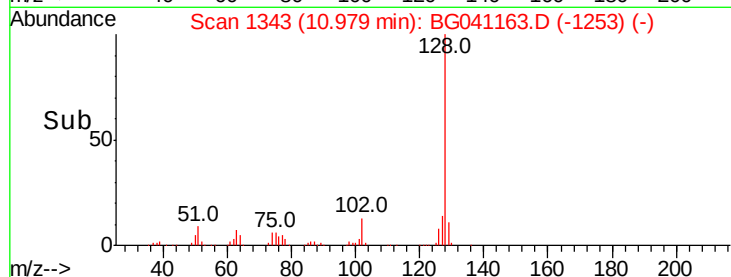
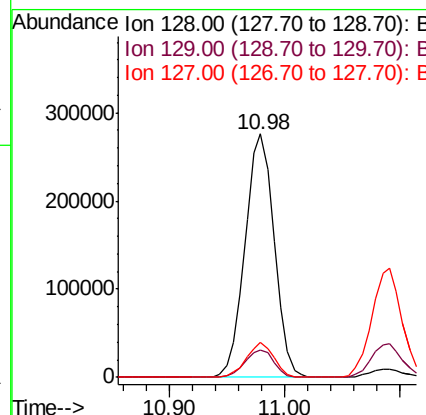
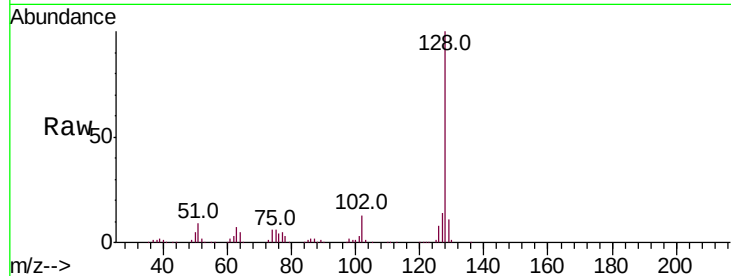
#31  
Naphthalene  
Concen: 44.089 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.5   | 12.7  |
| 127     | 14.2  | 11.4  | 17.2  |

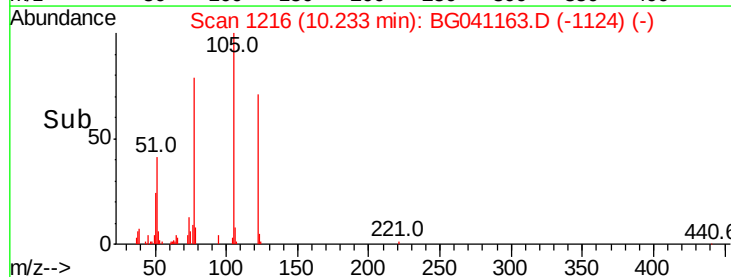
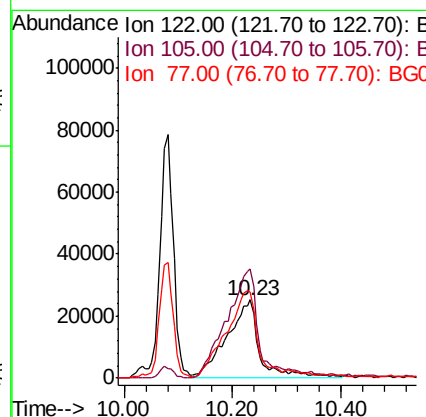
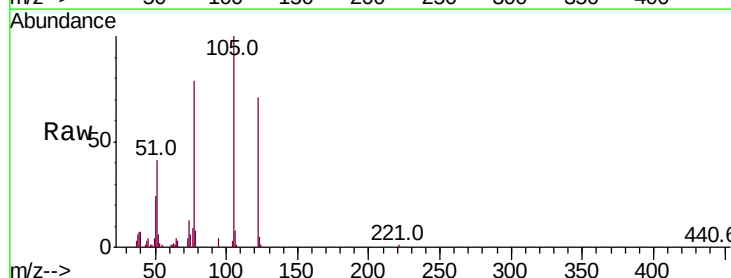
Manual Integrations  
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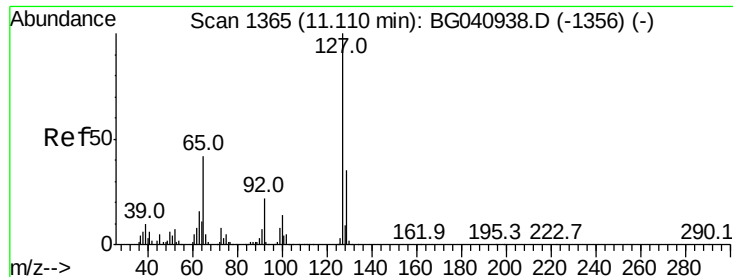
mohammad  
6/14/2019 8:39:53 AM



#32  
Benzoic acid  
Concen: 43.458 ng m  
RT: 10.23 min Scan# 1216  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 139.9 | 114.8 | 154.8 |
| 77      | 110.5 | 89.9  | 129.9 |





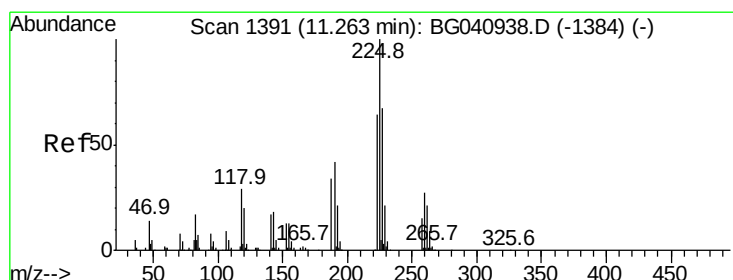
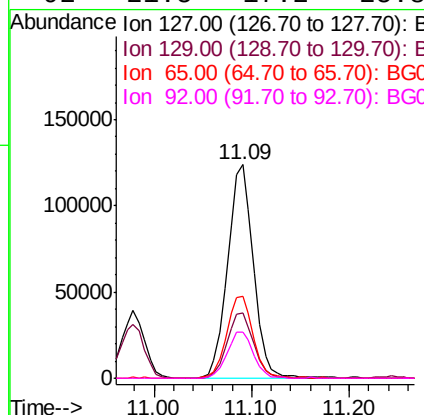
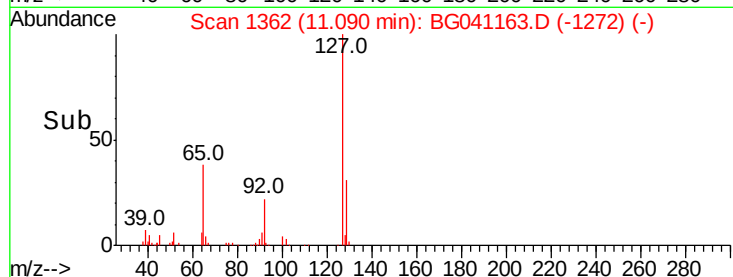
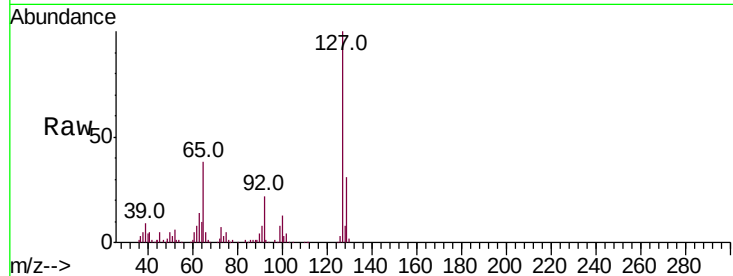
#33  
4-Chloroaniline  
Concen: 44.488 ng  
RT: 11.09 min Scan# 1362  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.7  | 27.7  | 41.5  |
| 65      | 38.1  | 33.2  | 49.8  |
| 92      | 21.5  | 17.2  | 25.8  |

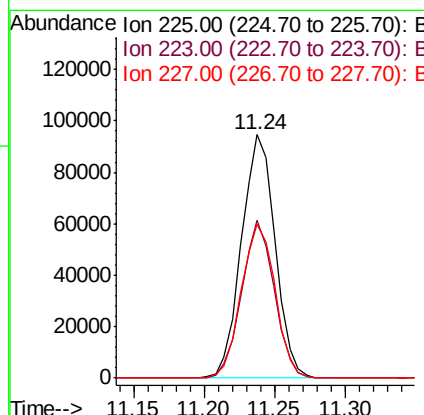
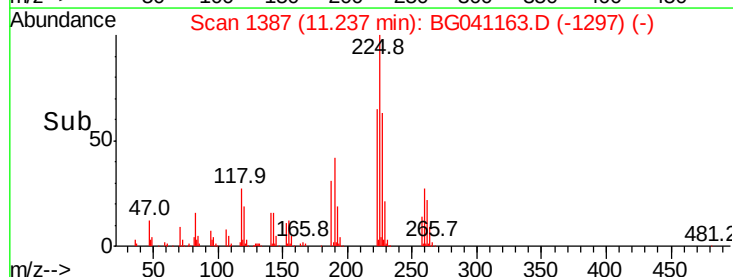
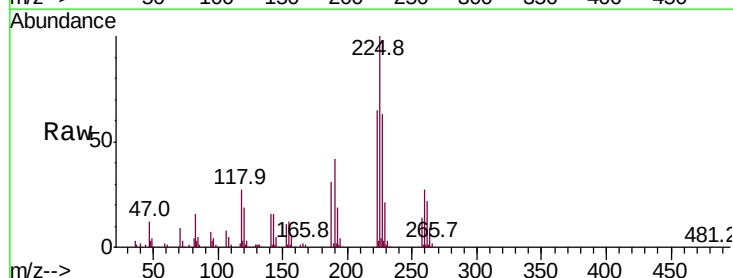
Manual Integrations  
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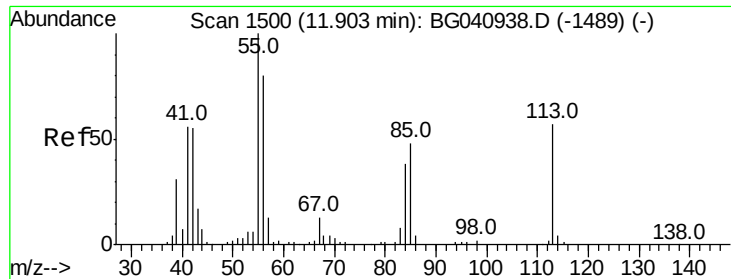
mohammad  
6/14/2019 8:39:53 AM



#34  
Hexachlorobutadiene  
Concen: 44.527 ng  
RT: 11.24 min Scan# 1387  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.8  | 48.8  | 73.2  |
| 227     | 63.3  | 51.4  | 77.0  |





#35

Caprolactam

Concen: 38.875 ng

RT: 11.89 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 52124

Ion Ratio Lower Upper

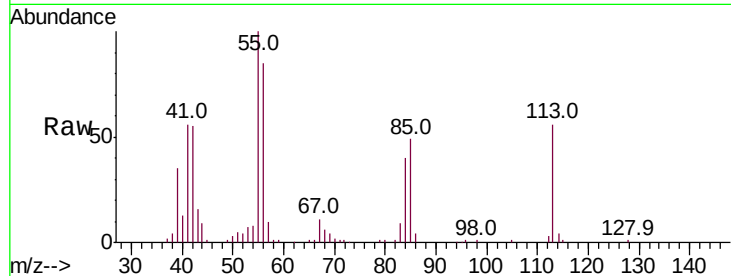
113 100

55 179.4 155.9 195.9

56 152.7 119.9 159.9

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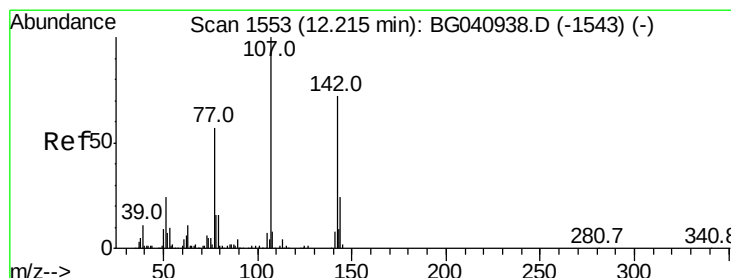
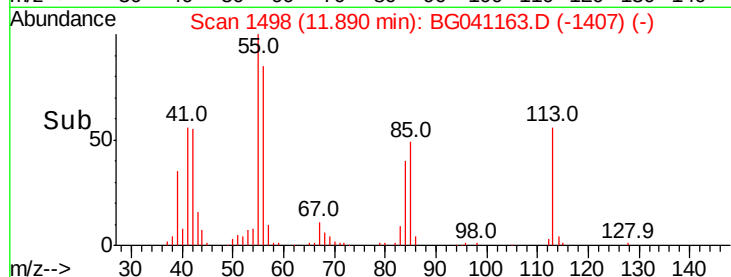
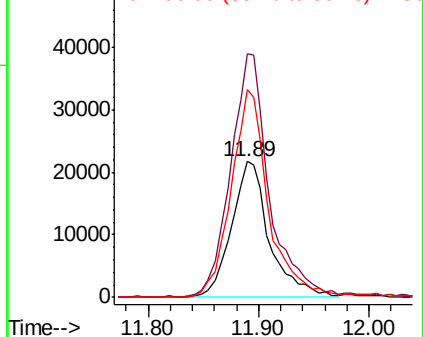


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.965 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

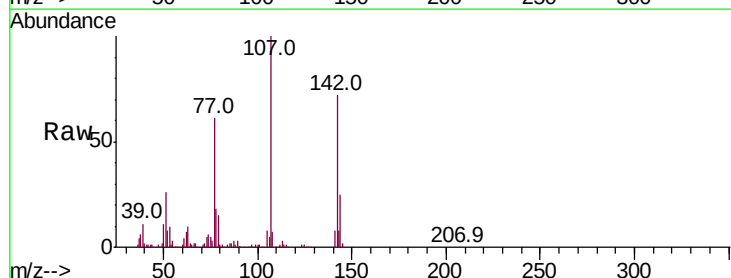
Tgt Ion:107 Resp: 199237

Ion Ratio Lower Upper

107 100

144 25.4 19.4 29.0

142 72.1 57.3 85.9

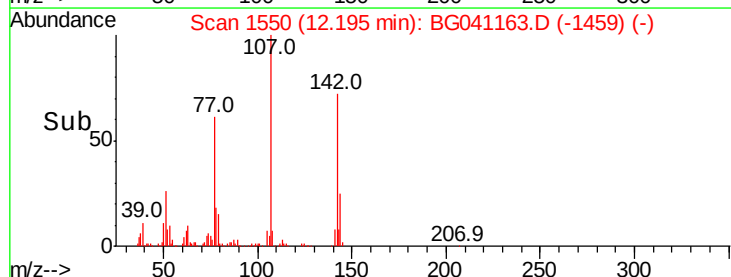
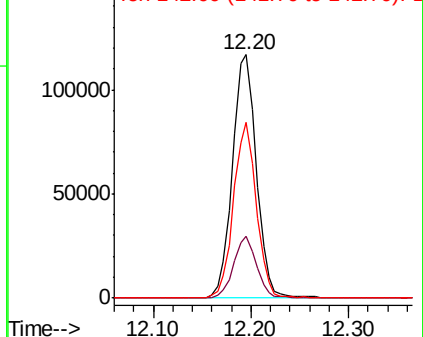


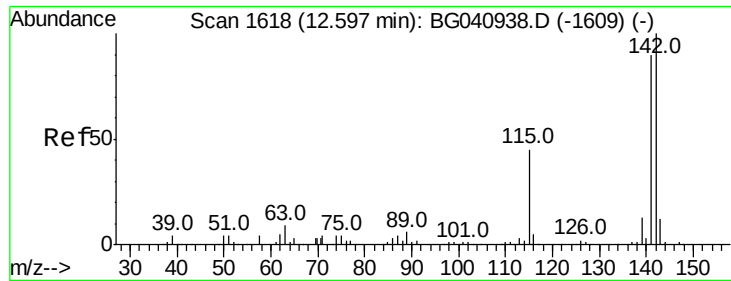
Abundance

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





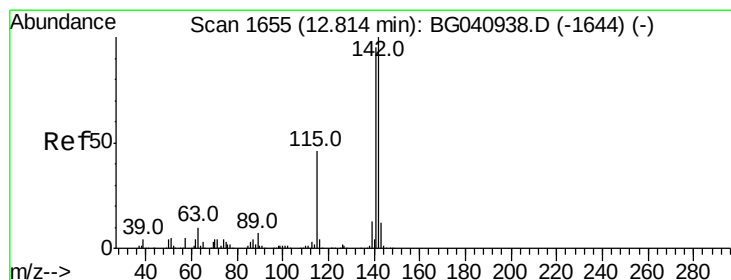
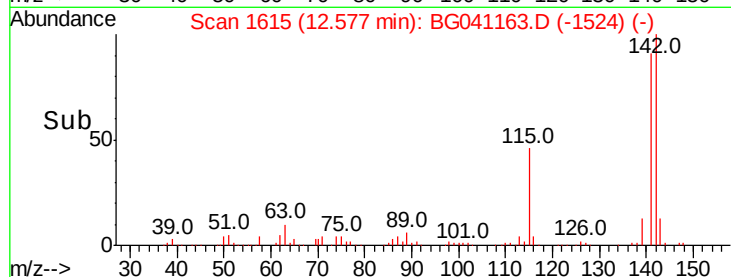
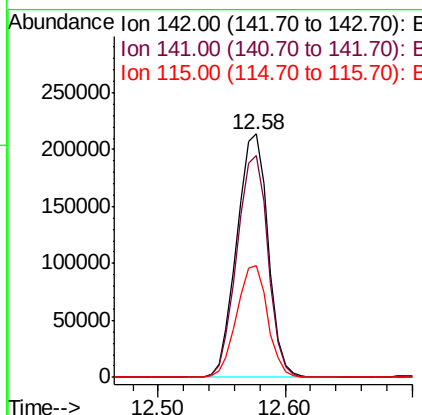
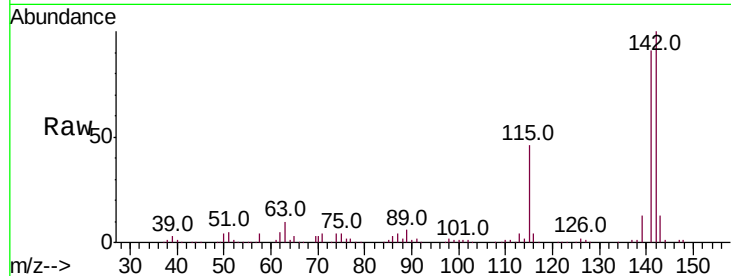
#37  
2-Methylnaphthalene  
Concen: 43.233 ng  
RT: 12.58 min Scan# 1615  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.3  | 72.2  | 108.4 |
| 115     | 45.8  | 36.2  | 54.4  |

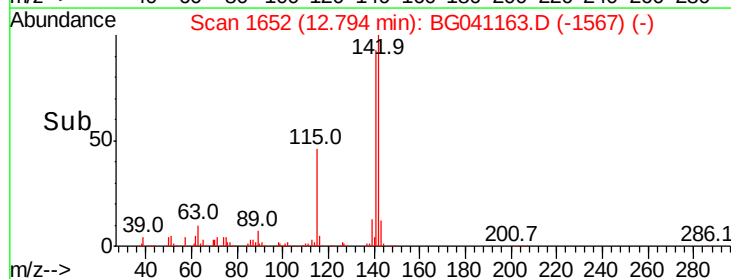
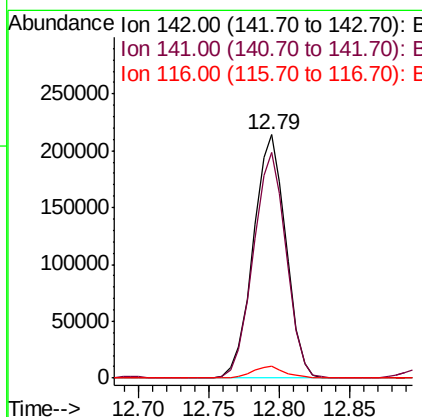
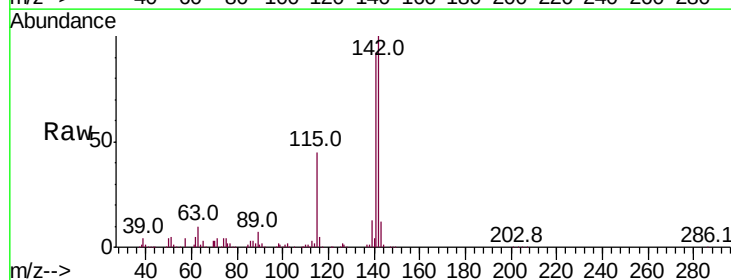
Manual Integrations  
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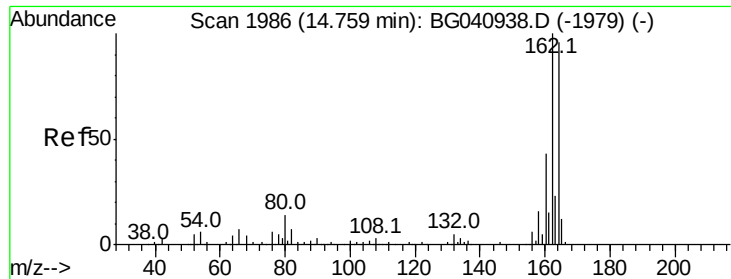
mohammad  
6/14/2019 8:39:53 AM



#38  
1-Methylnaphthalene  
Concen: 43.758 ng  
RT: 12.79 min Scan# 1652  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.4  | 75.7  | 113.5 |
| 116     | 4.7   | 3.4   | 5.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

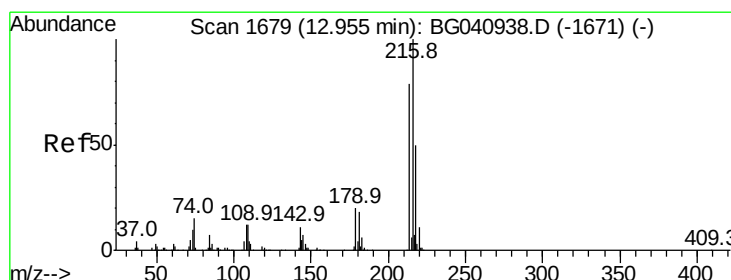
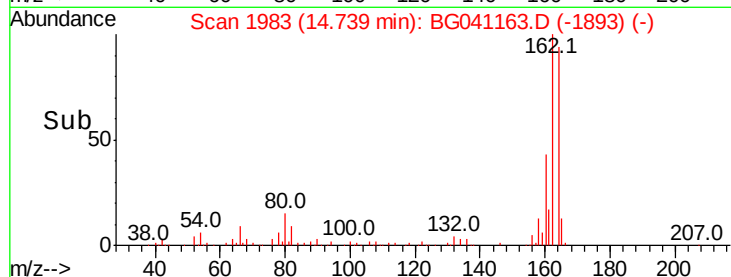
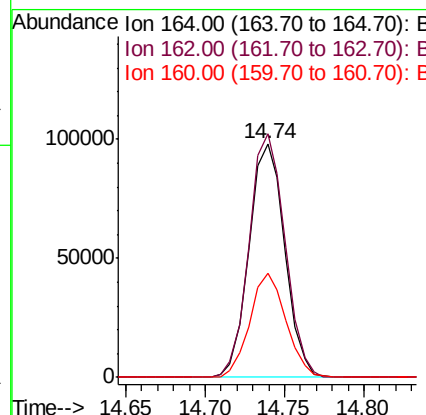
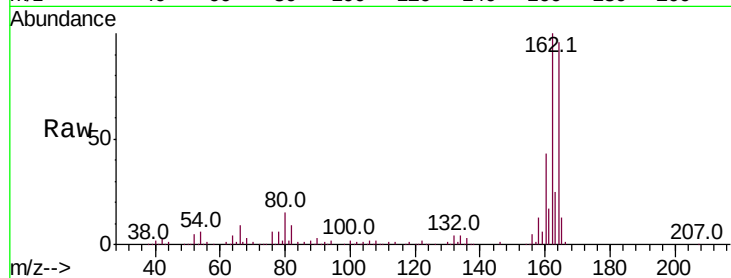
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 153234 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.3 | 83.0  | 124.4  |
| 160       | 44.5  | 35.6  | 53.4   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.773 ng

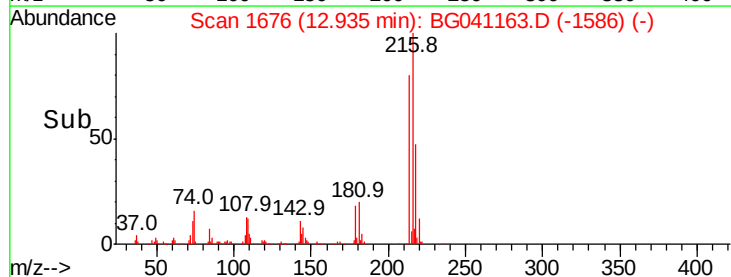
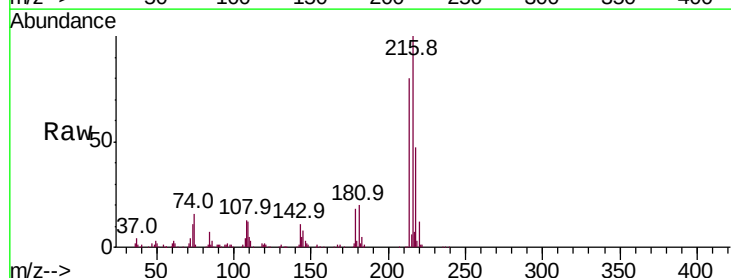
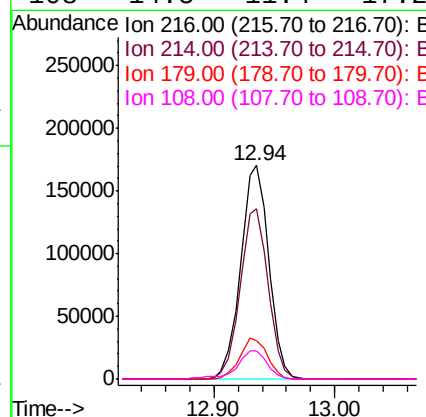
RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

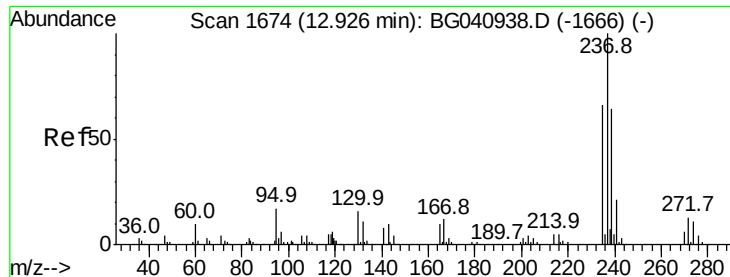
Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 276524 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.9  | 63.4  | 95.2   |
| 179       | 18.9  | 15.2  | 22.8   |
| 108       | 14.5  | 11.4  | 17.2   |







#41

Hexachlorocyclopentadiene

Concen: 44.718 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

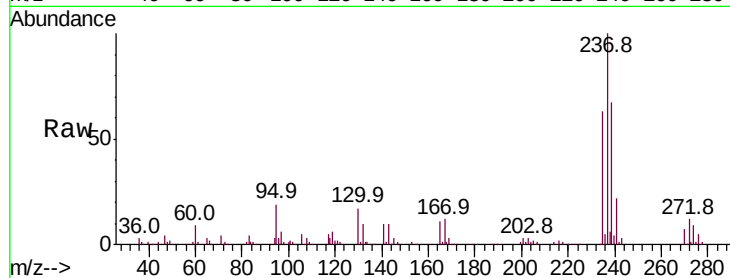
ClientSampleId :

SSTDCCC040EC

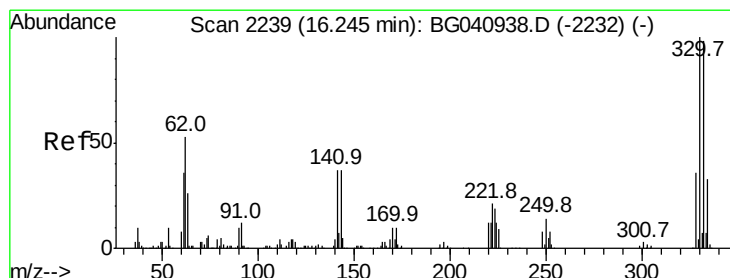
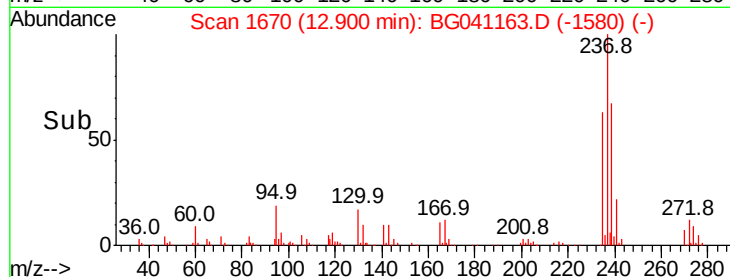
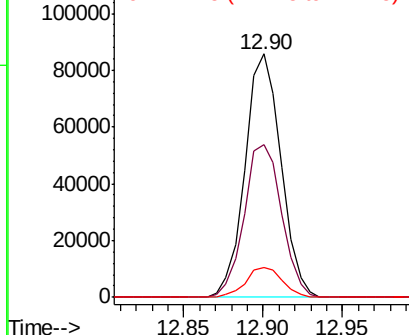
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 135019 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.9  | 45.5  | 85.5   |
| 272       | 12.4  | 0.0   | 32.9   |

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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: 91.339 ng

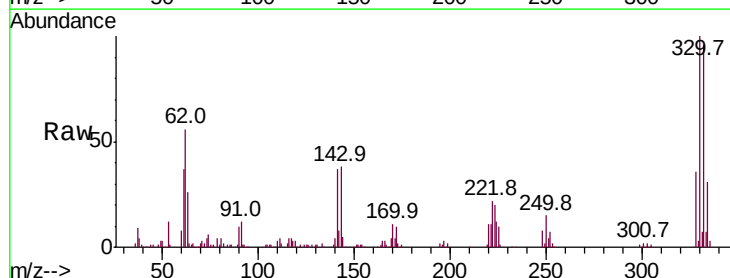
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

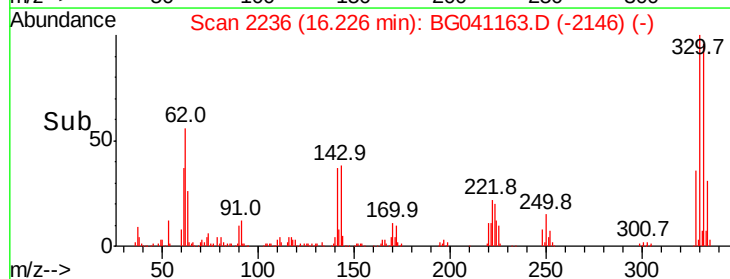
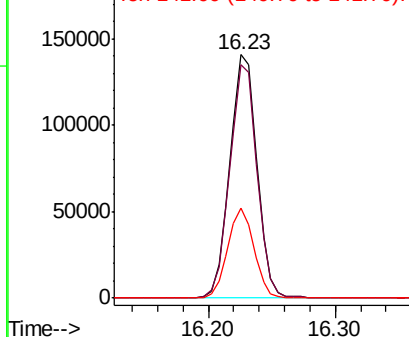
Lab File: BG041163.D

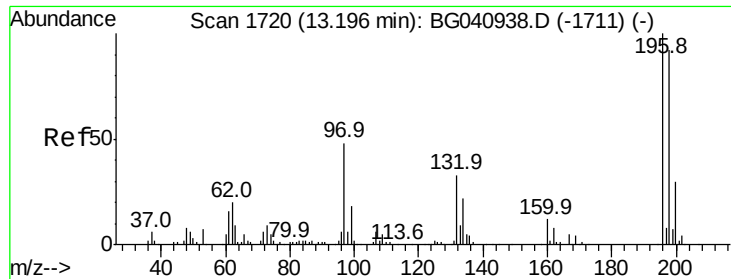
Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 207785 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.3  | 78.5  | 117.7  |
| 141       | 35.7  | 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





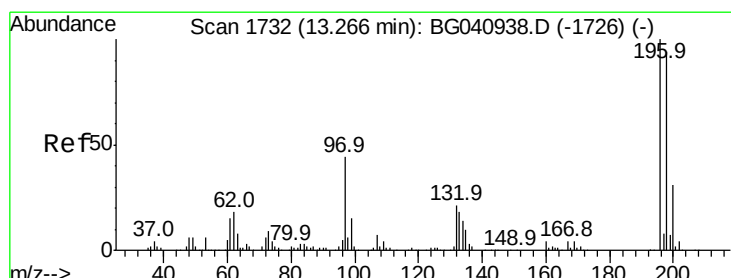
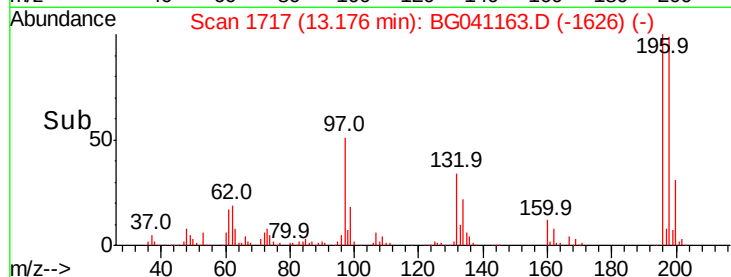
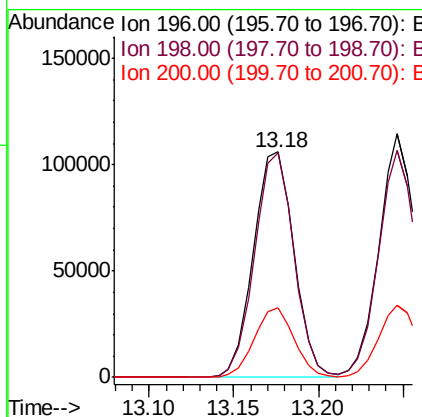
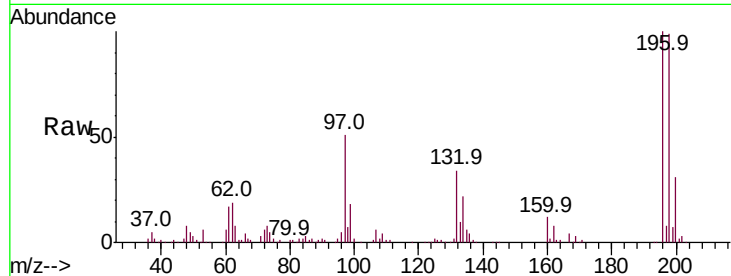
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.162 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. 0.01 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 176448 |       |       |
| 198     | 99.2  | 73.8   | 110.6 |       |
| 200     | 30.6  | 24.1   | 36.1  |       |

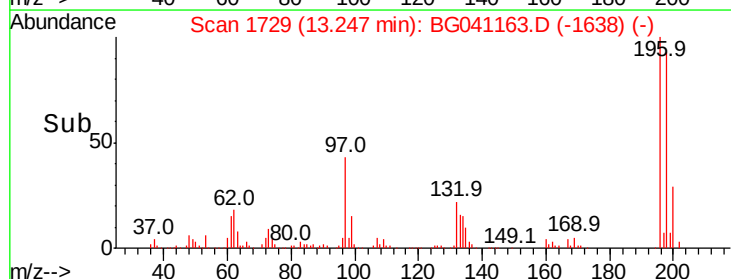
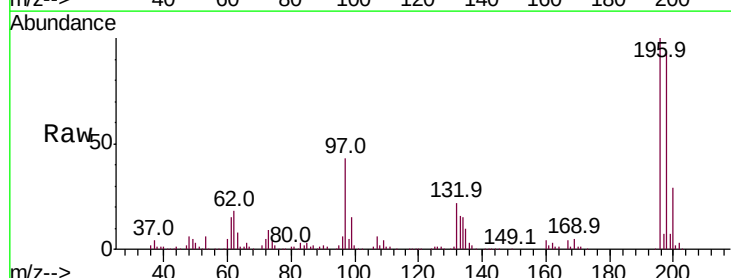
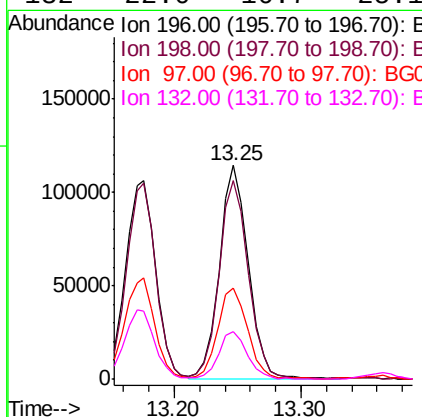
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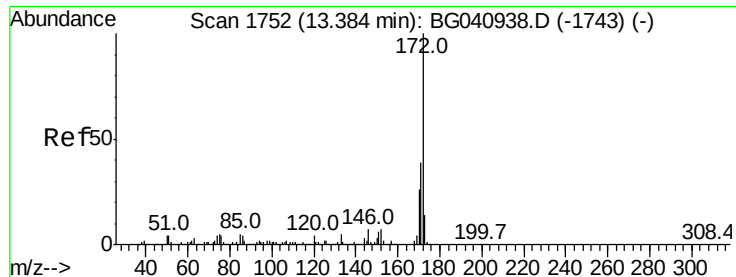
mohammad  
 6/14/2019 8:39:53 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.676 ng  
 RT: 13.25 min Scan# 1729  
 Delta R.T. 0.01 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 179826 |       |       |
| 198     | 93.1  | 75.1   | 112.7 |       |
| 97      | 42.7  | 35.6   | 53.4  |       |
| 132     | 22.0  | 16.7   | 25.1  |       |





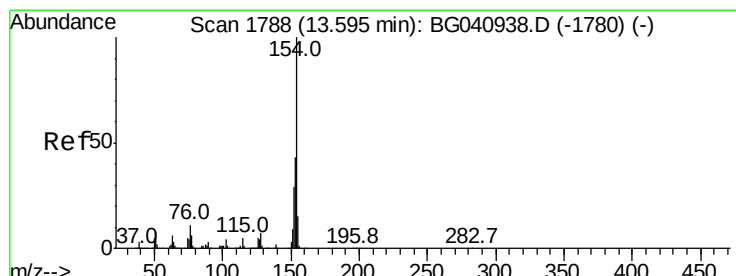
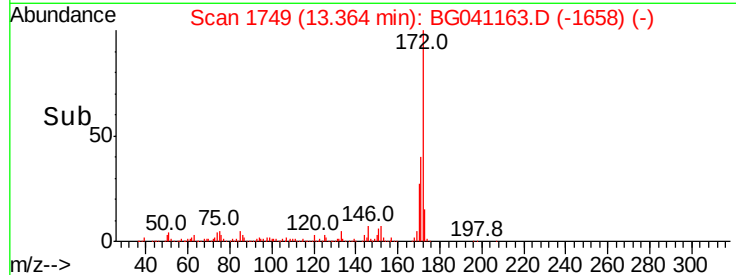
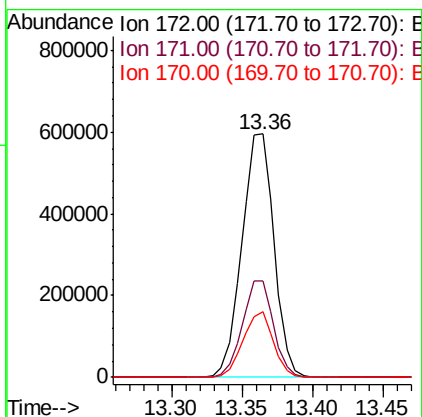
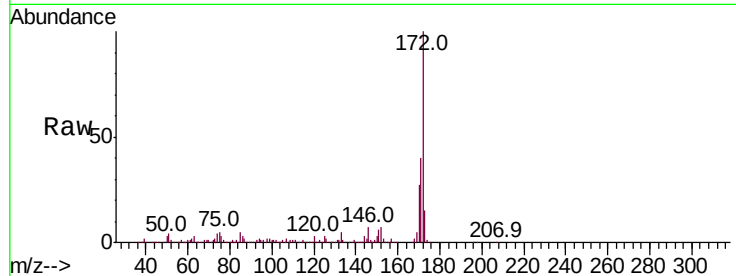
#45  
2-Fluorobiphenyl  
Concen: 88.988 ng  
RT: 13.36 min Scan# 1749  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.7  | 31.1  | 46.7  |
| 170     | 26.8  | 20.5  | 30.7  |

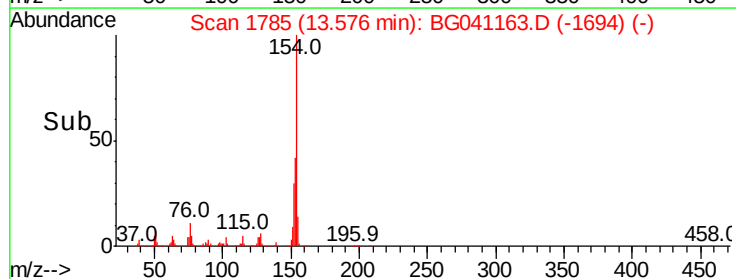
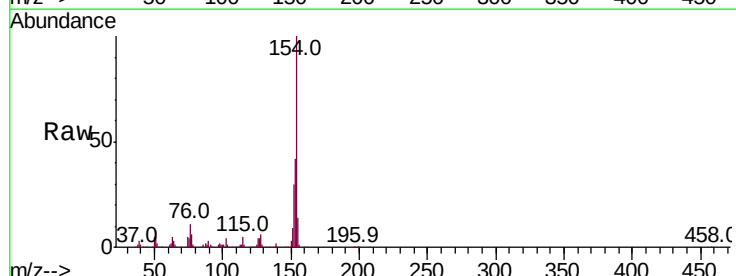
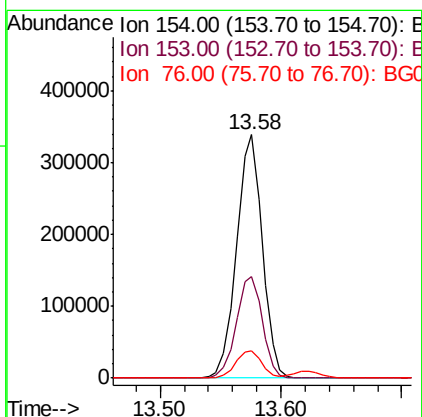
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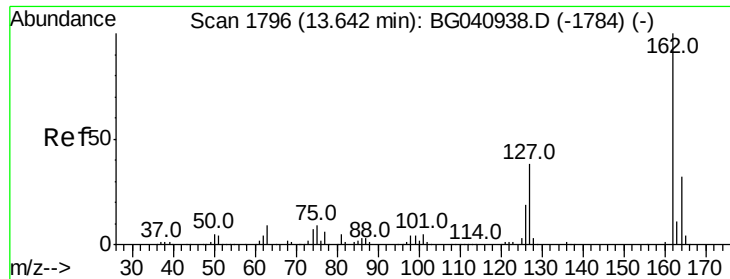
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 44.349 ng  
RT: 13.58 min Scan# 1785  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 23.3  | 63.3  |
| 76      | 11.2  | 0.0   | 31.1  |





#47

2-Chloronaphthalene

Concen: 45.457 ng

RT: 13.62 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

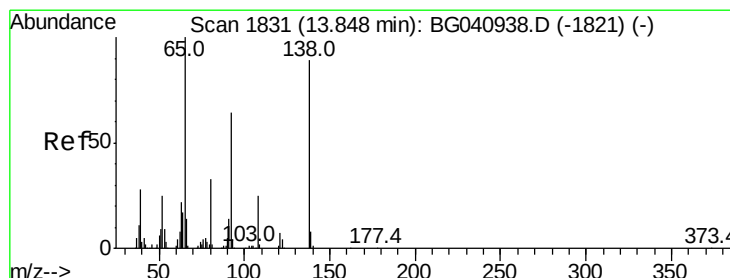
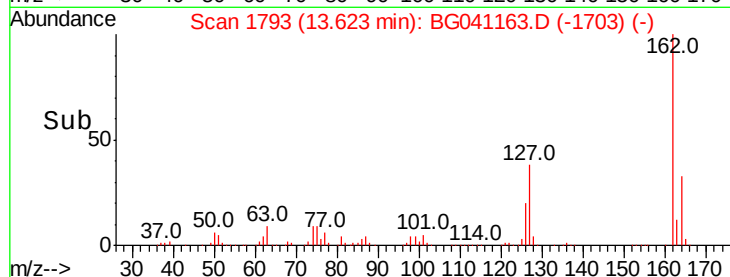
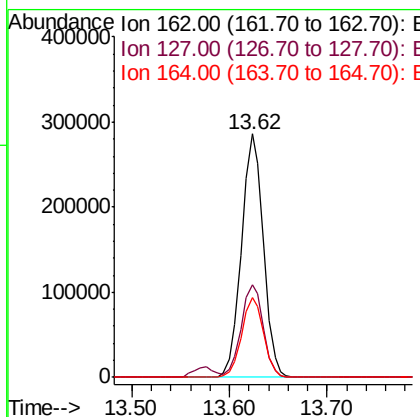
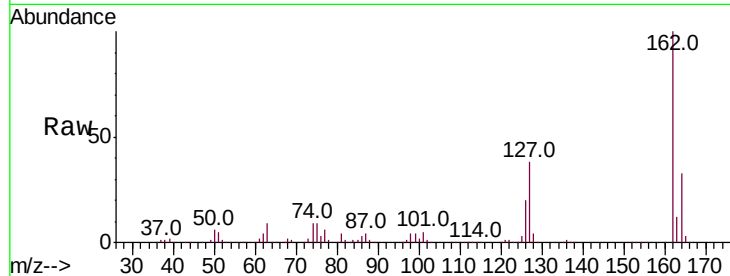
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 442634 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 38.3  | 30.5  | 45.7   |
| 164       | 32.6  | 25.8  | 38.6   |

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#48

2-Nitroaniline

Concen: 45.822 ng

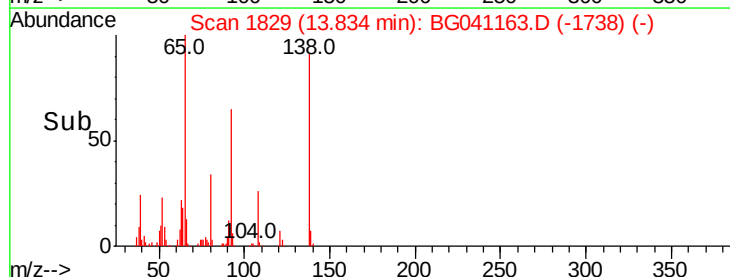
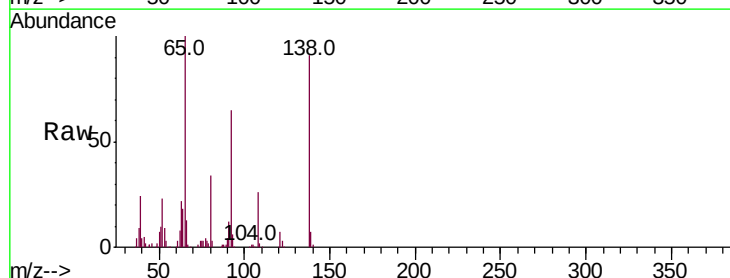
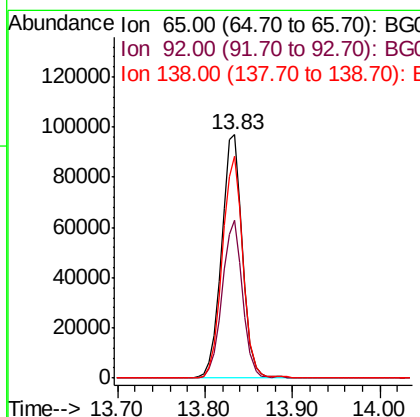
RT: 13.83 min Scan# 1829

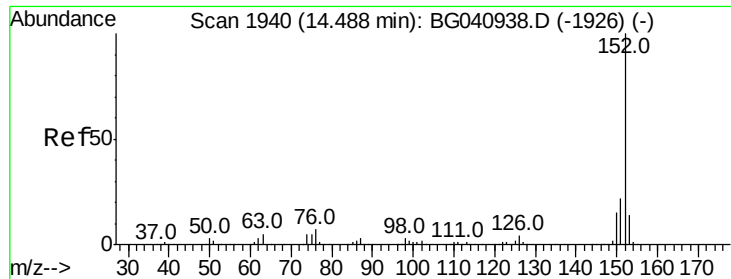
Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 160069 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 64.6  | 51.0  | 76.6   |
| 138       | 91.3  | 71.2  | 106.8  |





#49

Acenaphthylene

Concen: 43.954 ng

RT: 14.47 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 644168

Ion Ratio Lower Upper

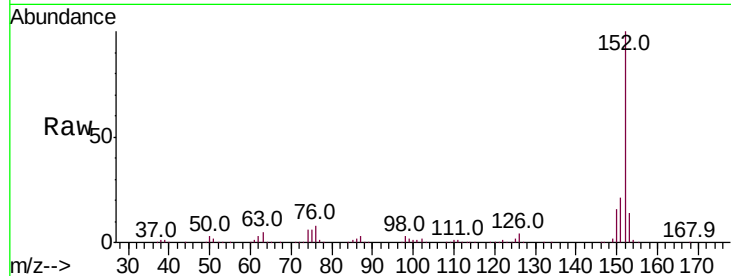
152 100

151 21.4 17.4 26.0

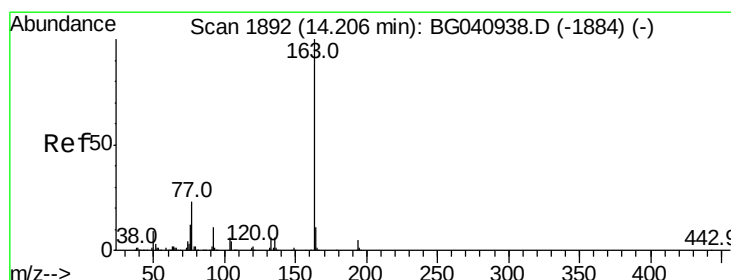
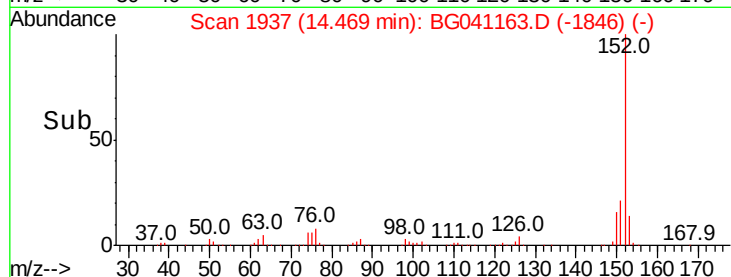
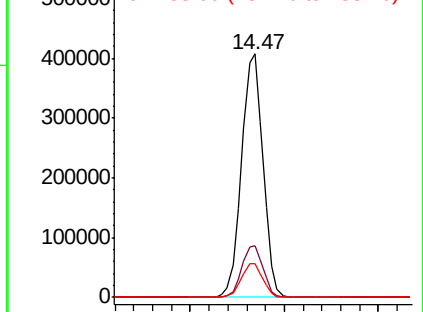
153 13.7 11.0 16.4

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



#50

Dimethylphthalate

Concen: 43.457 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

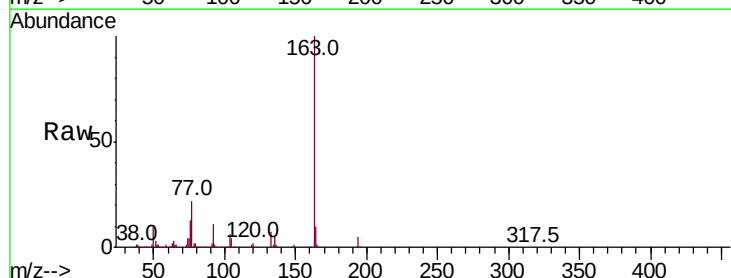
Tgt Ion:163 Resp: 563689

Ion Ratio Lower Upper

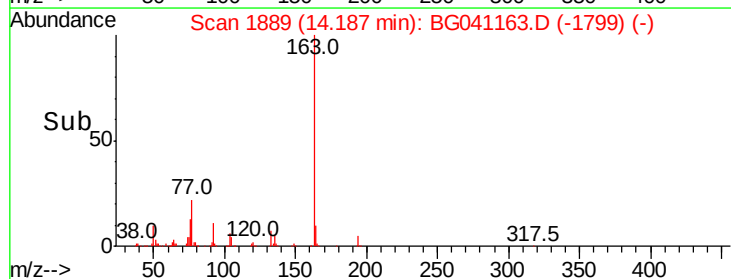
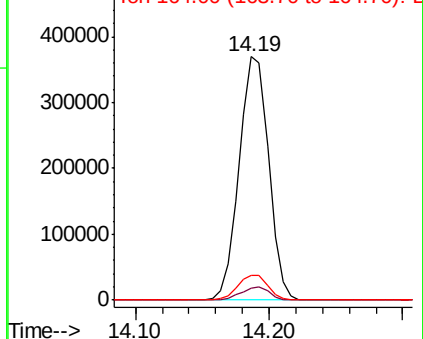
163 100

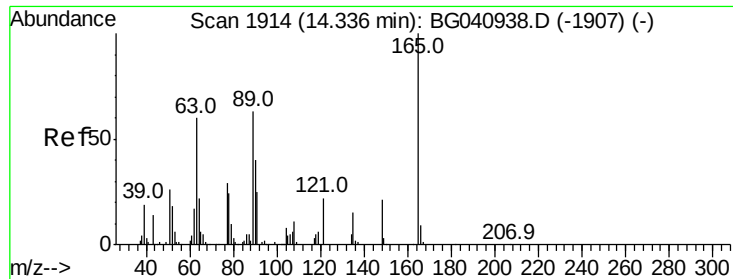
194 5.1 3.8 5.8

164 10.4 8.7 13.1



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





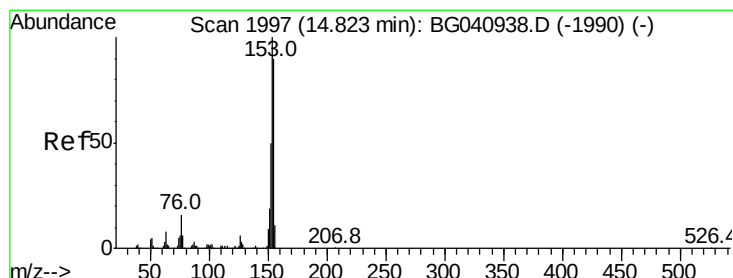
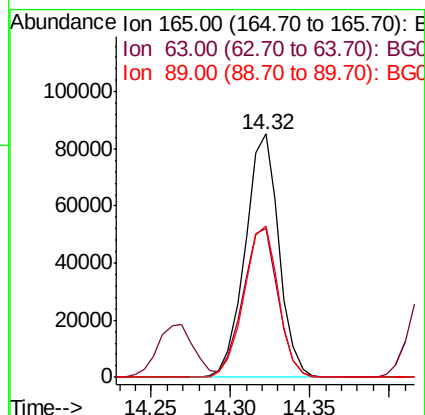
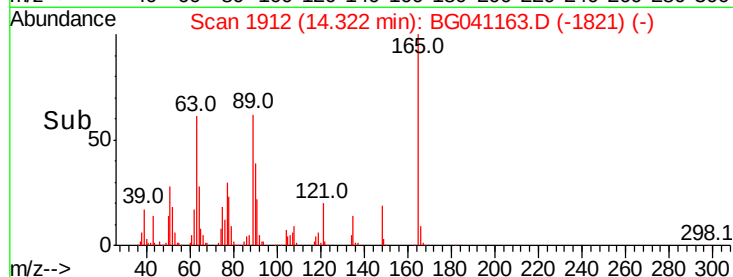
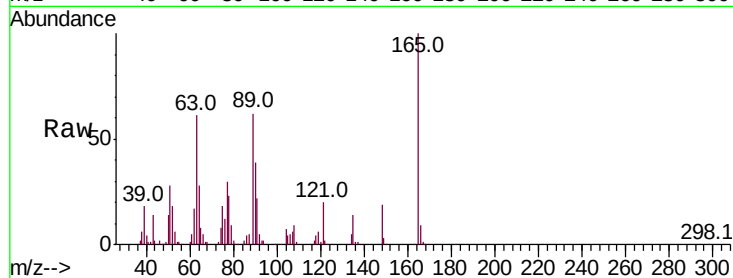
#51  
2,6-Dinitrotoluene  
Concen: 44.761 ng  
RT: 14.32 min Scan# 1912  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|             |       |        |
|-------------|-------|--------|
| Tot Ion:165 | Resp: | 125185 |
| Ion Ratio   | Lower | Upper  |
| 165 100     |       |        |
| 63 61.2     | 53.6  | 80.4   |
| 89 62.3     | 50.4  | 75.6   |

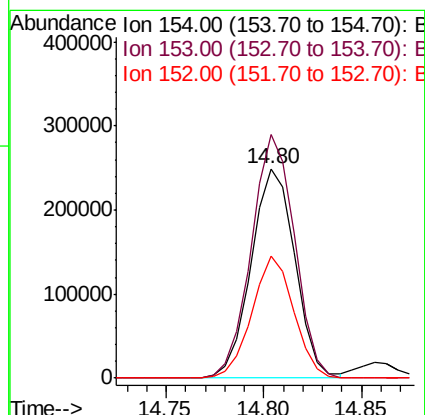
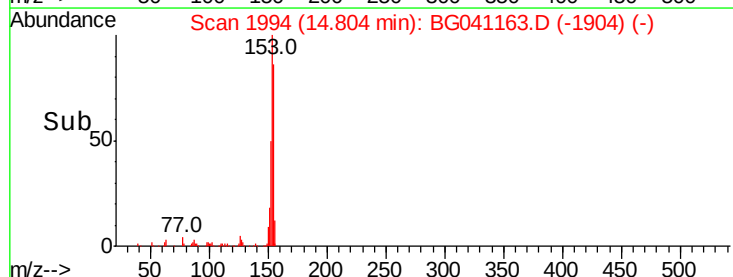
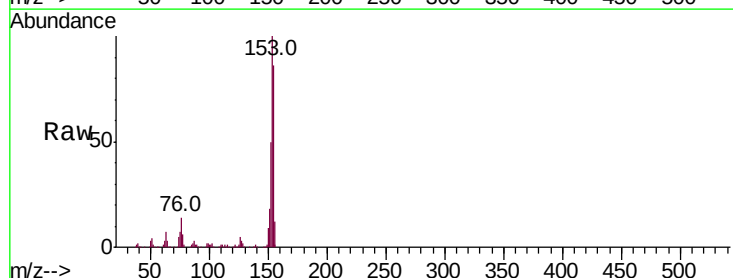
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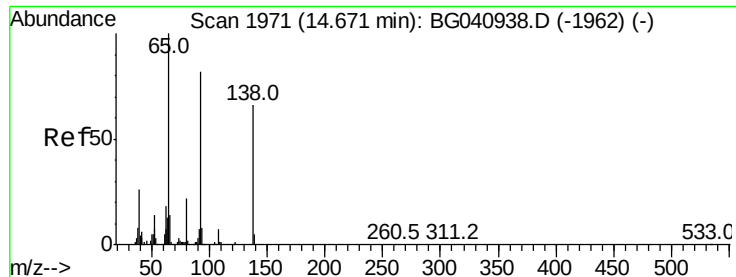
mohammad  
6/14/2019 8:39:53 AM



#52  
Acenaphthene  
Concen: 43.724 ng  
RT: 14.80 min Scan# 1994  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:154 | Resp: | 388196 |
| Ion Ratio   | Lower | Upper  |
| 154 100     |       |        |
| 153 116.2   | 88.6  | 133.0  |
| 152 58.4    | 44.2  | 66.4   |





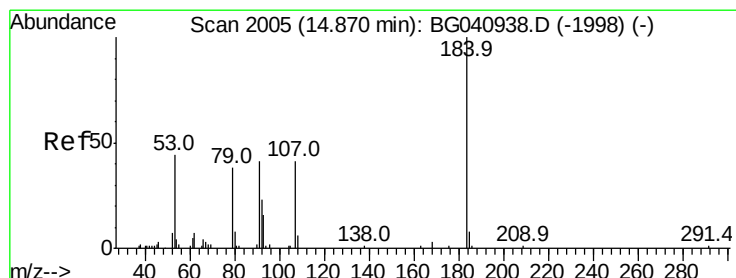
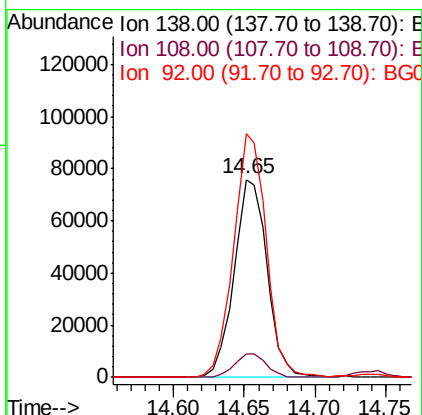
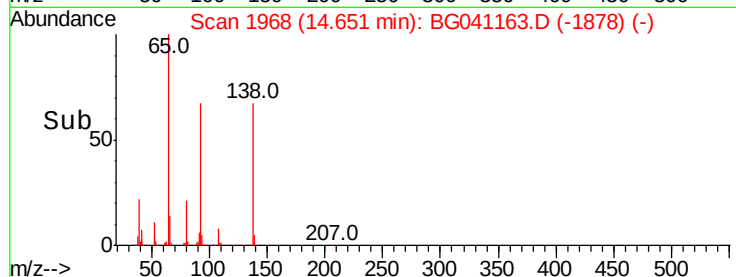
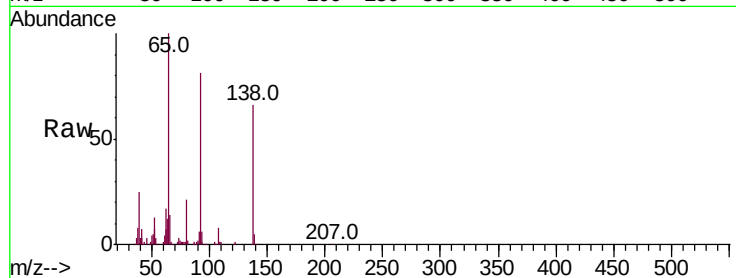
#53  
3-Nitroaniline  
Concen: 44.160 ng  
RT: 14.65 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.9  | 8.5   | 12.7  |
| 92      | 123.1 | 99.0  | 148.6 |

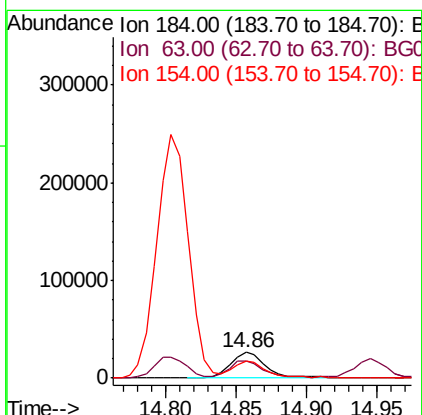
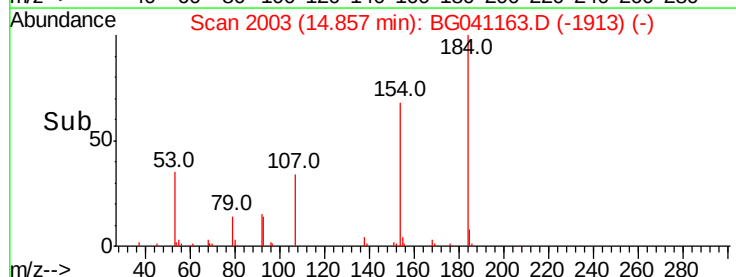
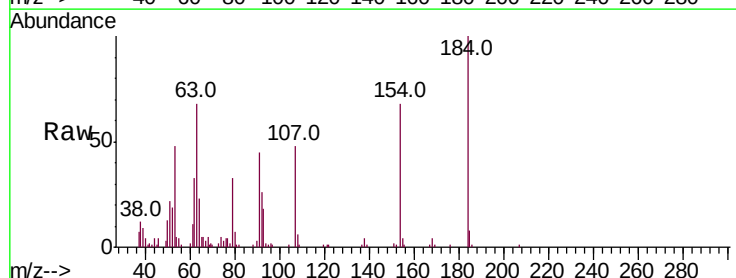
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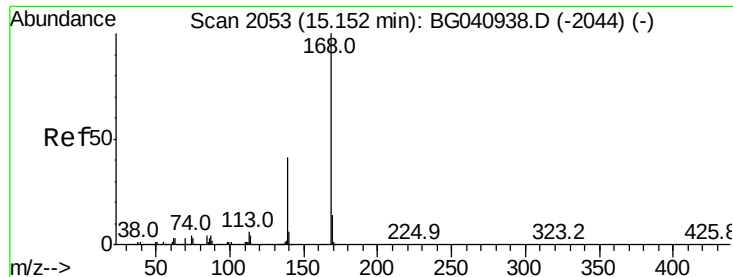
mohammad  
6/14/2019 8:39:53 AM



#54  
2,4-Dinitrophenol  
Concen: 42.001 ng  
RT: 14.86 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 67.7  | 49.8  | 74.6  |
| 154     | 68.4  | 52.2  | 78.4  |





#55

Dibenzofuran

Concen: 44.359 ng

RT: 15.14 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

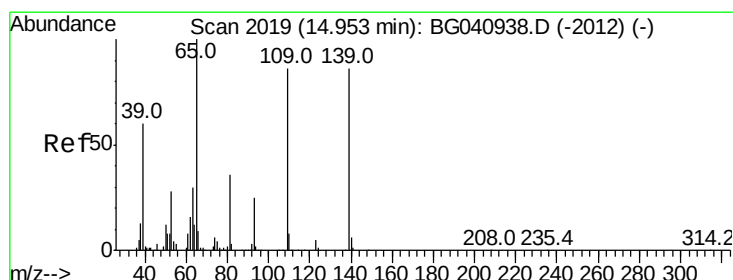
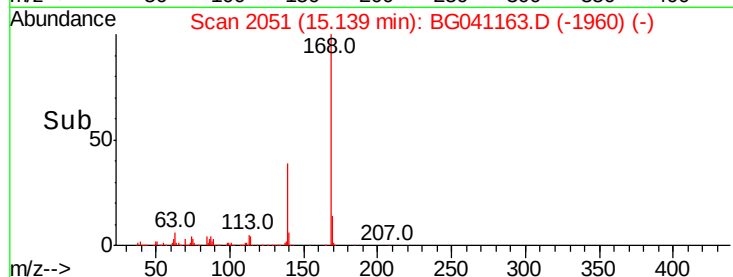
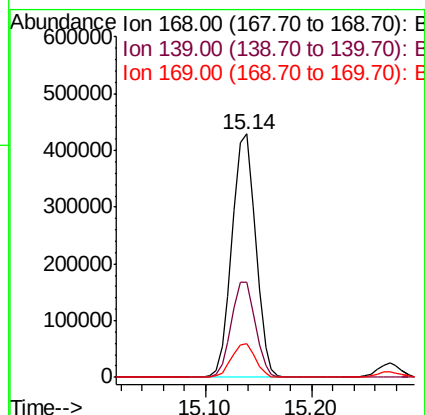
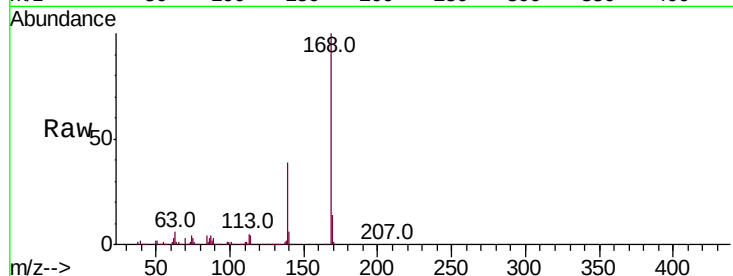
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 662680 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 39.2  | 32.8  | 49.2   |
| 169       | 14.0  | 11.3  | 16.9   |

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#56

4-Nitrophenol

Concen: 45.225 ng

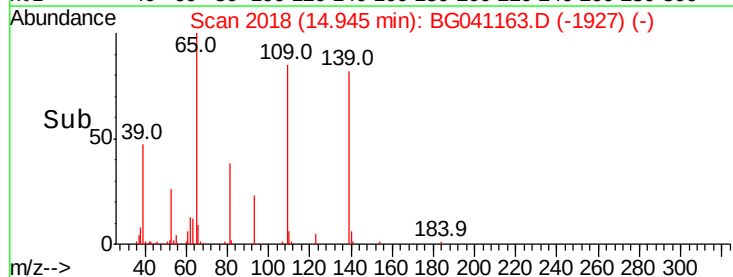
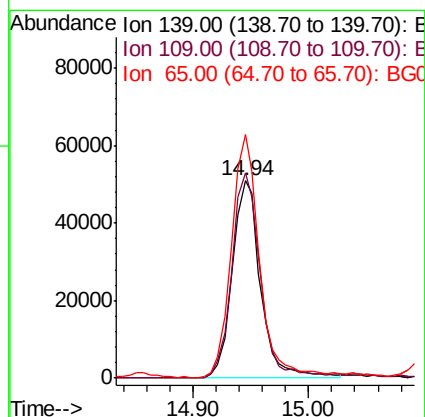
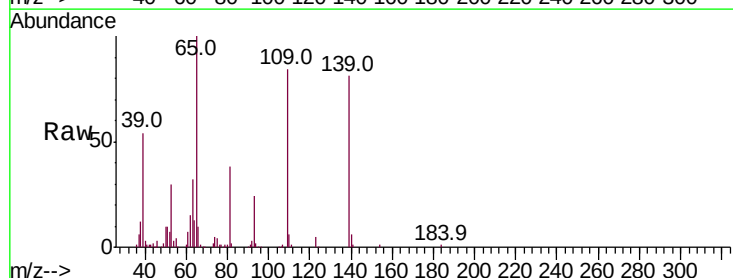
RT: 14.94 min Scan# 2018

Delta R.T. 0.01 min

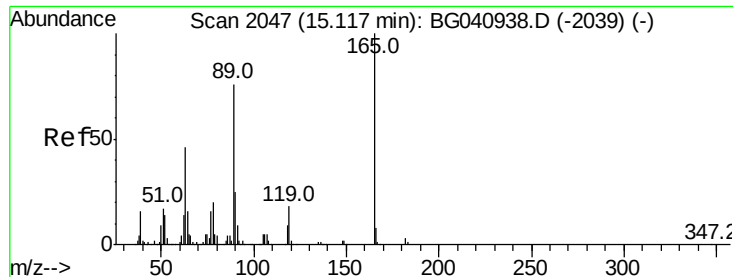
Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 86753 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 104.2 | 79.6  | 119.6 |
| 65        | 123.4 | 96.9  | 136.9 |







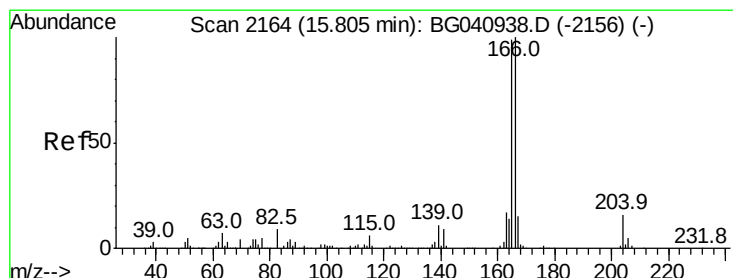
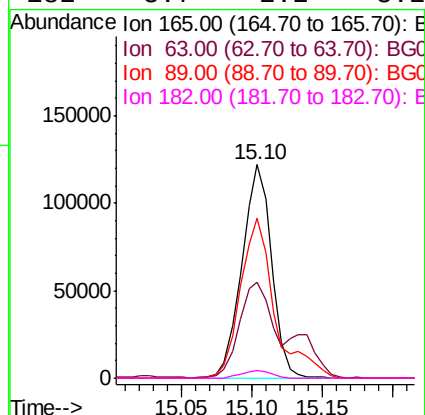
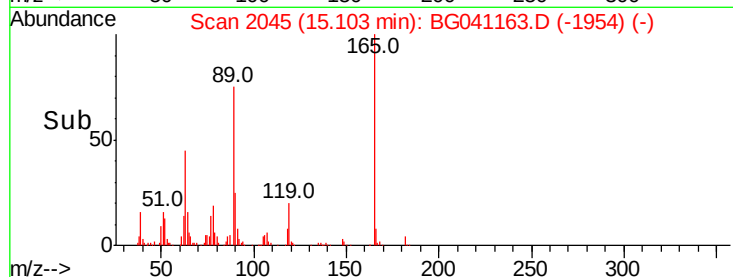
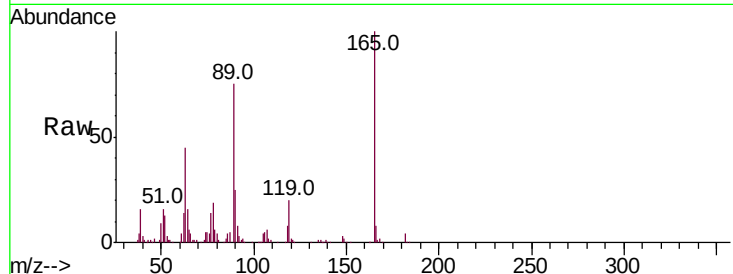
#57  
2,4-Dinitrotoluene  
Concen: 45.296 ng  
RT: 15.10 min Scan# 2045  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 178947 |       |       |
| 63      | 45.0  |        | 37.3  | 55.9  |
| 89      | 75.2  |        | 61.0  | 91.6  |
| 182     | 3.7   |        | 2.2   | 3.2#  |

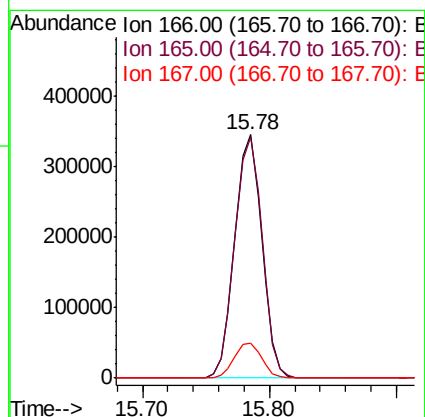
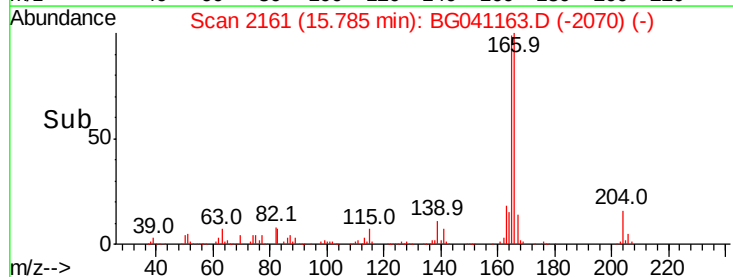
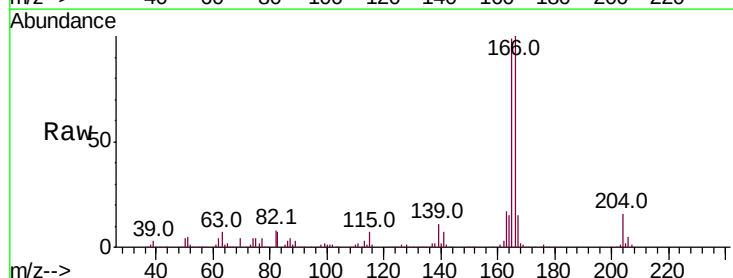
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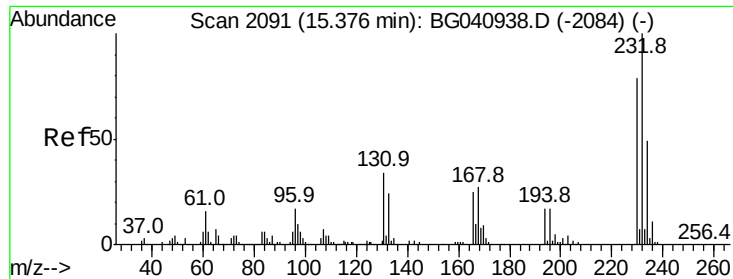
mohammad  
6/14/2019 8:39:53 AM



#58  
Fluorene  
Concen: 43.177 ng  
RT: 15.78 min Scan# 2161  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 513689 |       |       |
| 165     | 99.0  |        | 79.2  | 118.8 |
| 167     | 14.5  |        | 11.8  | 17.6  |





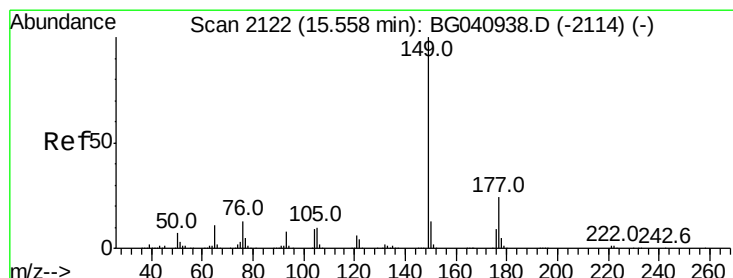
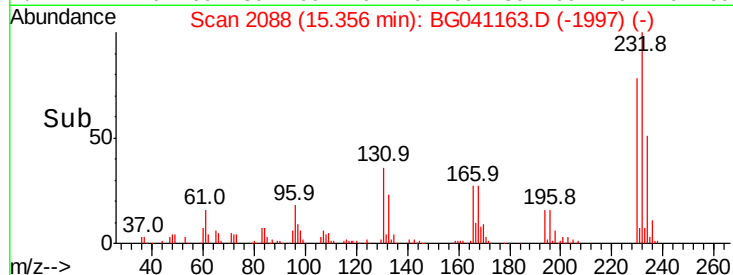
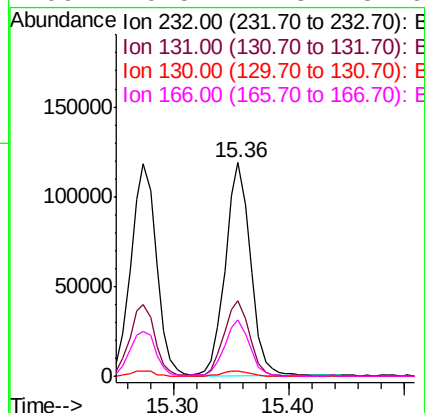
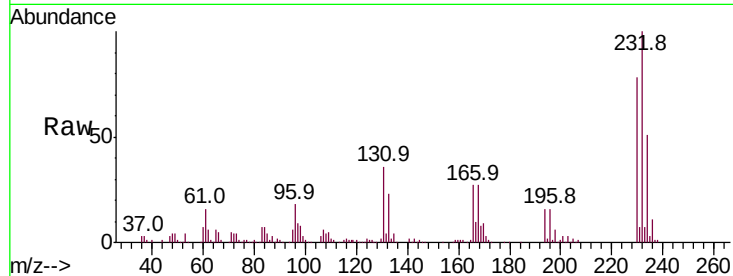
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.200 ng  
RT: 15.36 min Scan# 2088  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 178891 |       |       |
| 131     | 36.0  |        | 30.3  | 45.5  |
| 130     | 2.5   |        | 1.8   | 2.8   |
| 166     | 26.5  |        | 21.3  | 31.9  |

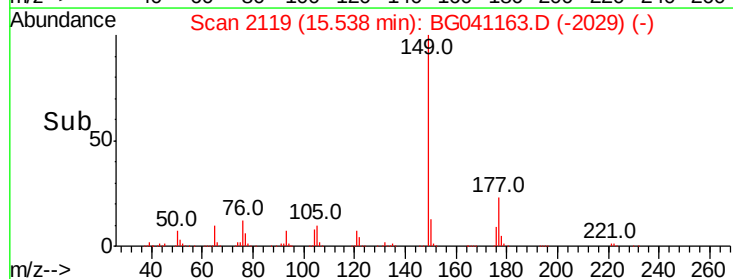
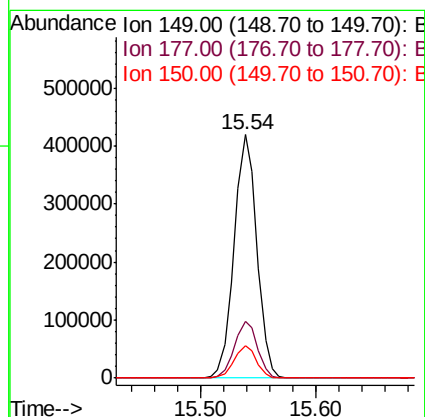
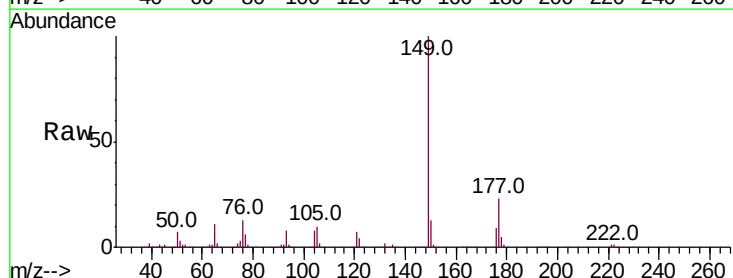
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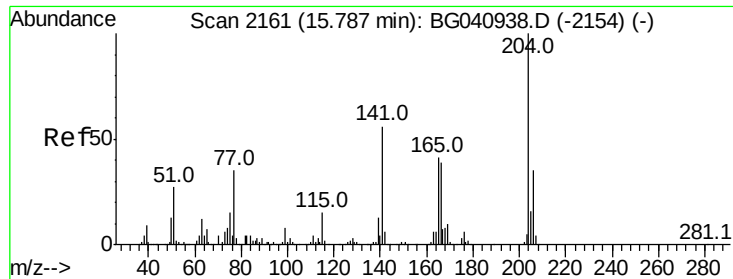
mohammad  
6/14/2019 8:39:53 AM



#60  
Diethylphthalate  
Concen: 43.022 ng  
RT: 15.54 min Scan# 2119  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 569502 |       |       |
| 177     | 23.3  |        | 19.4  | 29.0  |
| 150     | 13.3  |        | 10.3  | 15.5  |





#61

4-Chlorophenyl-phenylether

Concen: 43.971 ng

RT: 15.77 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

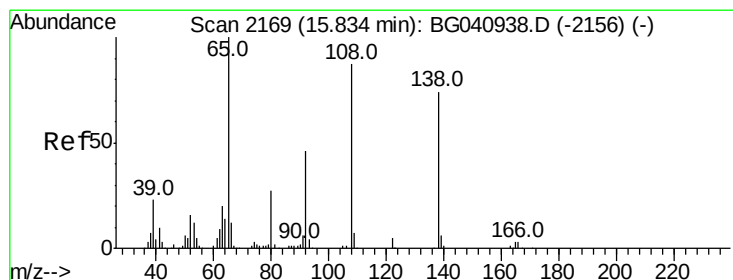
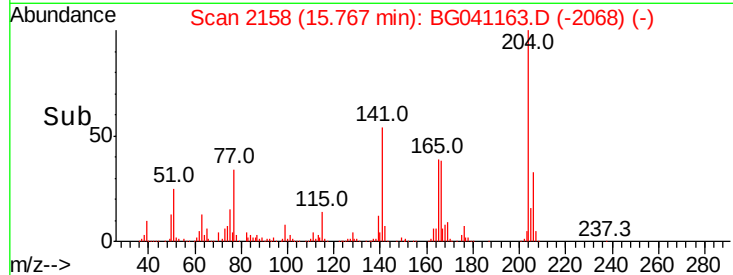
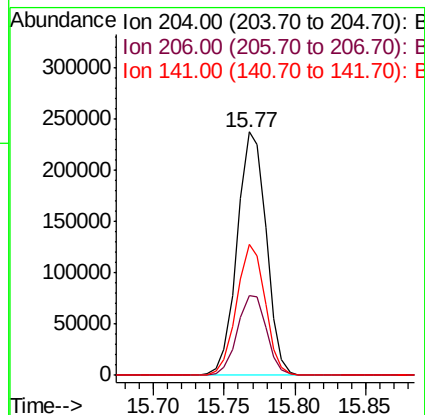
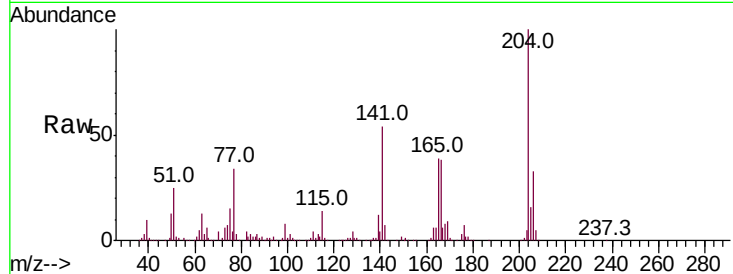
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 340028 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.0  | 27.6  | 41.4   |
| 141       | 53.9  | 45.1  | 67.7   |

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#62

4-Nitroaniline

Concen: 45.157 ng

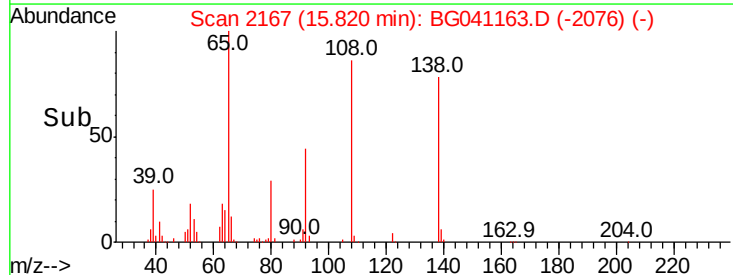
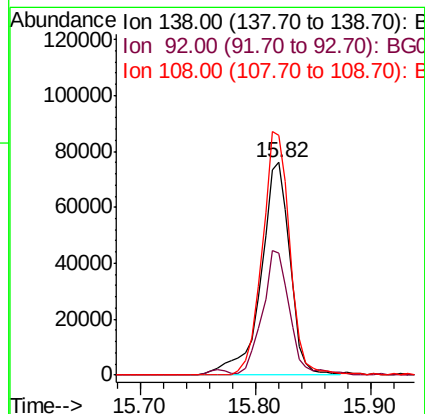
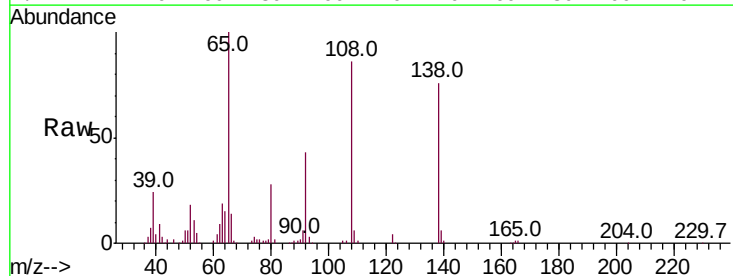
RT: 15.82 min Scan# 2167

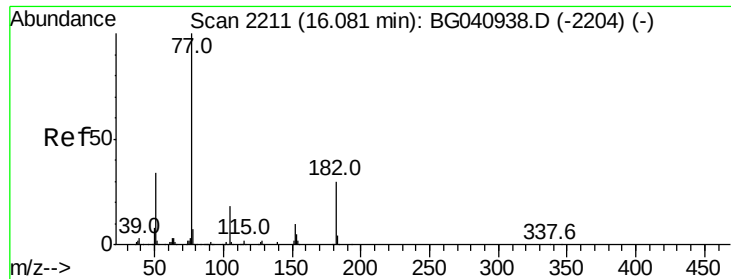
Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 133698 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 57.2  | 42.4  | 82.4   |
| 108       | 113.1 | 96.9  | 136.9  |





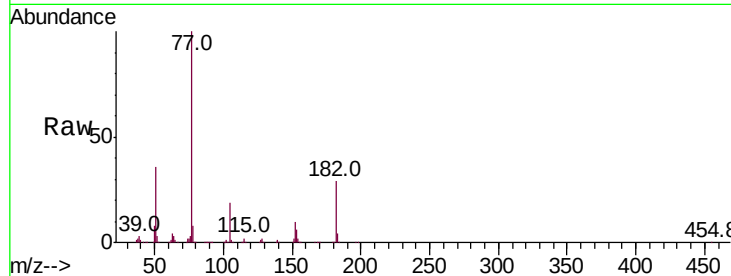
#63  
Azobenzene  
Concen: 43.117 ng  
RT: 16.06 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

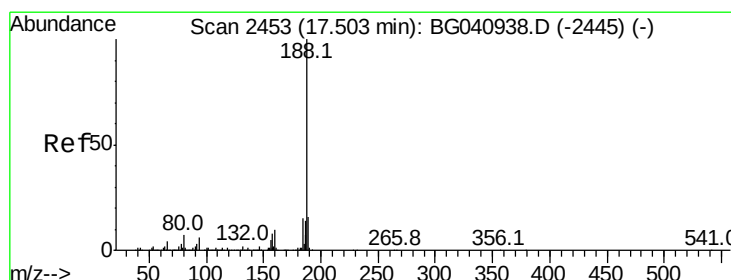
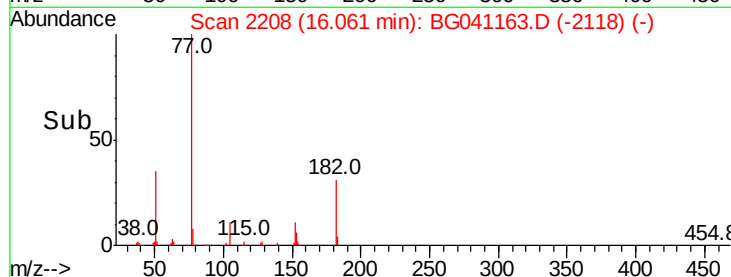
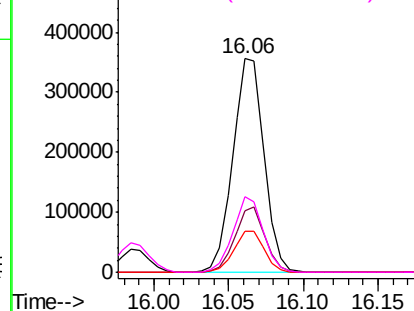
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 29.1 | 9.6   | 49.6  |       |
| 105     | 19.3 | 0.0   | 37.5  |       |
| 51      | 35.5 | 13.7  | 53.7  |       |

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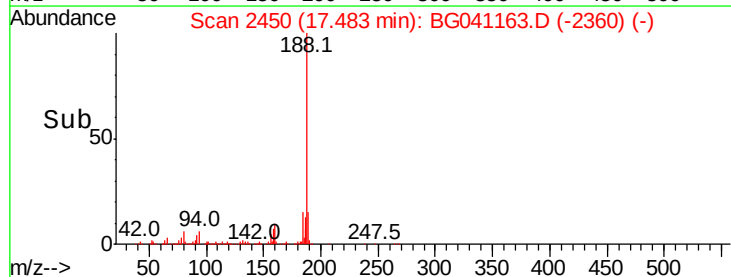
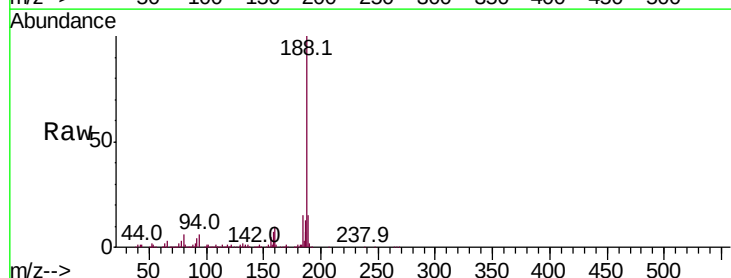
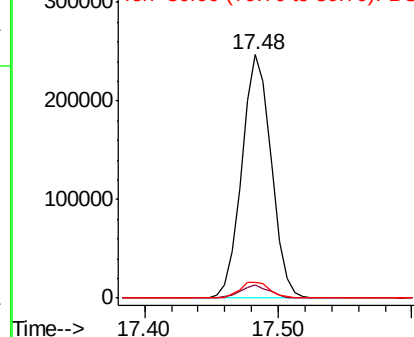
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

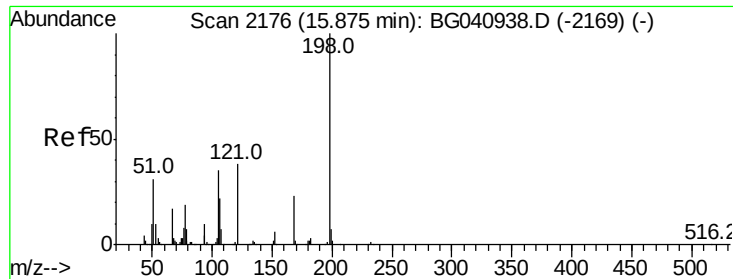


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 5.7 | 4.7   | 7.1   |       |
| 80      | 6.2 | 5.8   | 8.8   |       |

Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.550 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

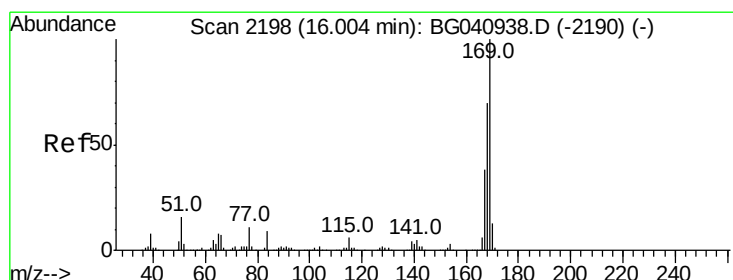
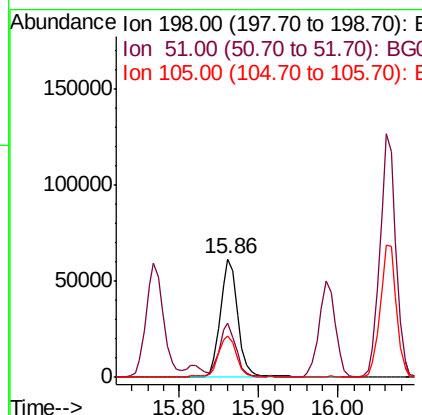
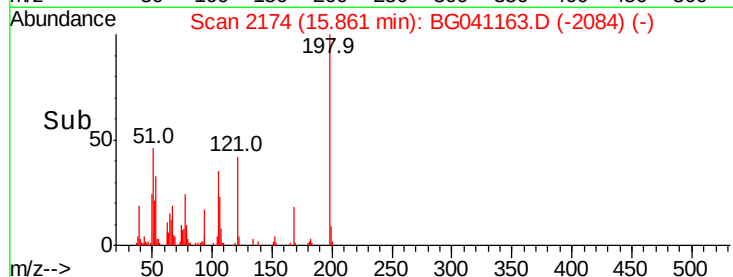
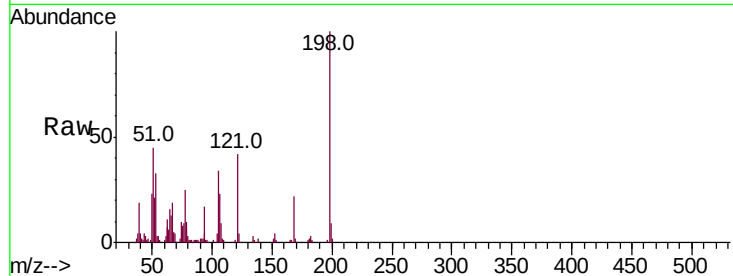
ClientSampleId :

SSTDCCC040EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 95331 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 45.4  | 21.6  | 61.6  |
| 105       | 34.4  | 17.5  | 57.5  |

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#66

n-Nitrosodiphenylamine

Concen: 44.372 ng

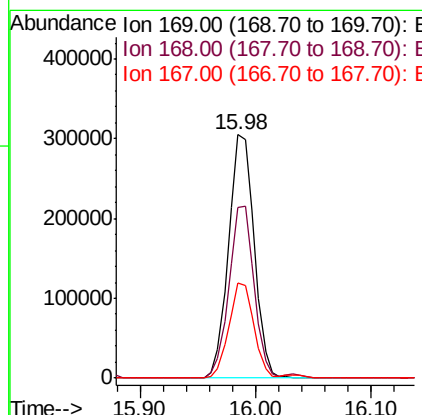
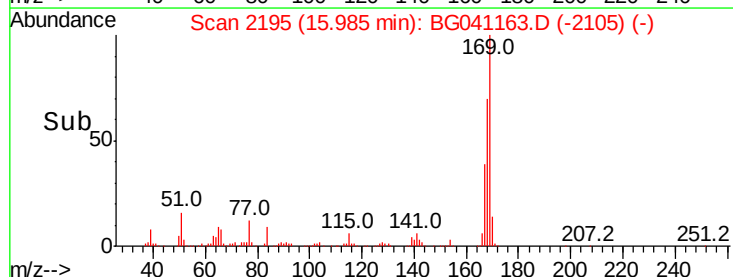
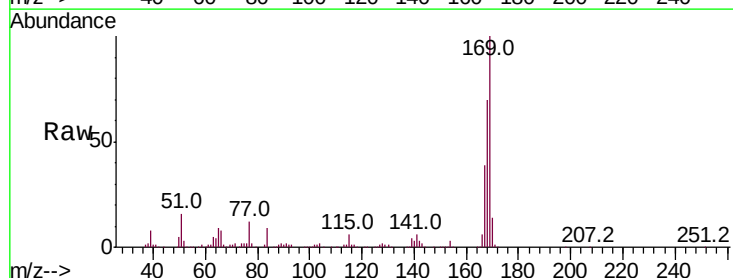
RT: 15.98 min Scan# 2195

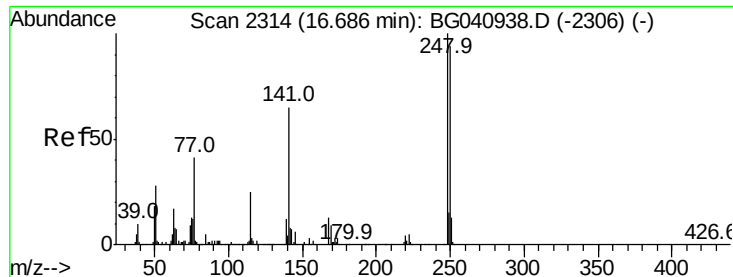
Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 467638 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 70.1  | 55.7  | 83.5   |
| 167       | 39.0  | 30.2  | 45.2   |





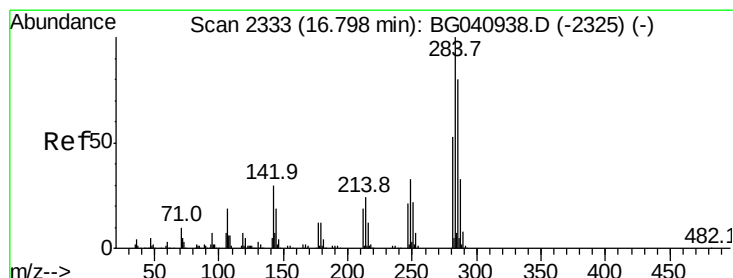
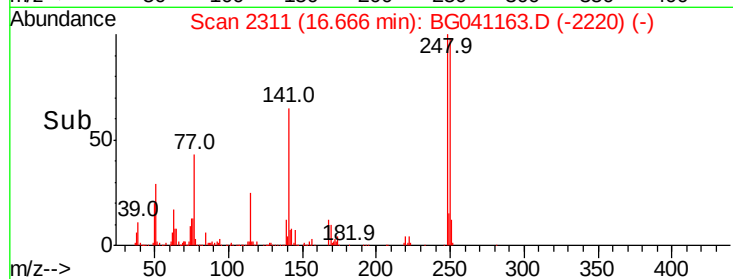
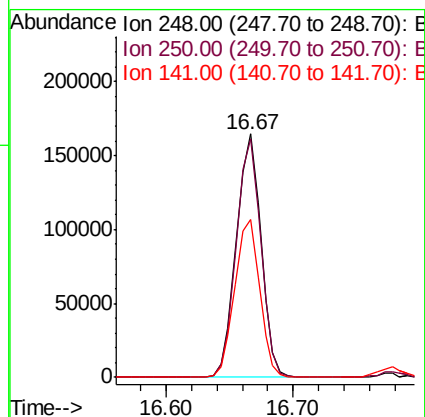
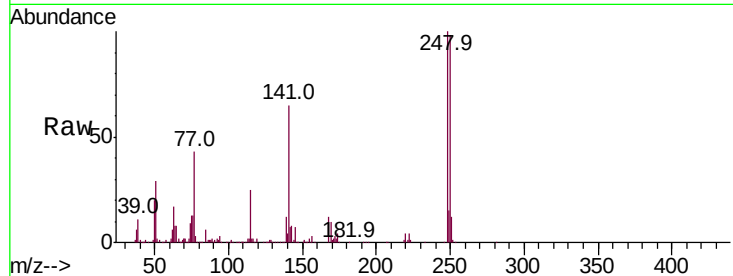
#67  
4-Bromophenyl-phenylether  
Concen: 43.694 ng  
RT: 16.67 min Scan# 2311  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.9  | 75.0  | 112.4 |
| 141     | 65.0  | 52.4  | 78.6  |

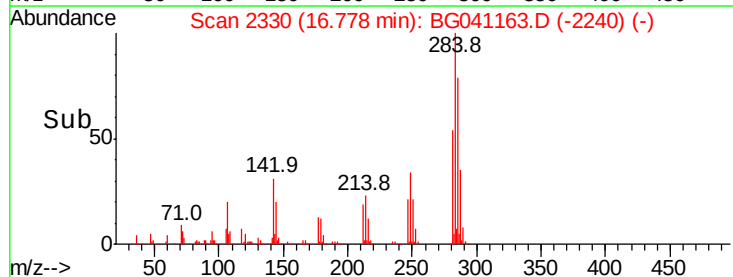
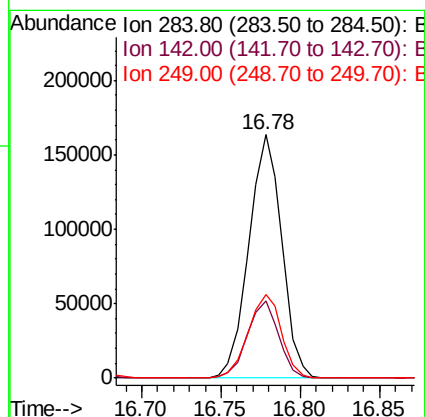
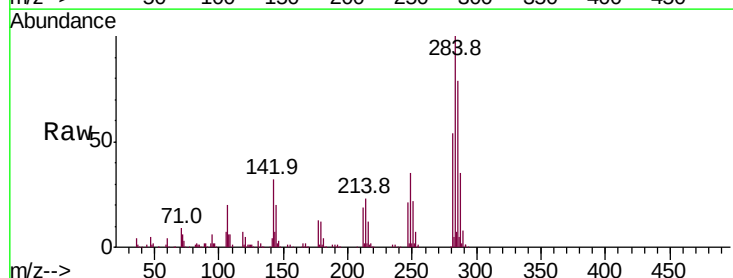
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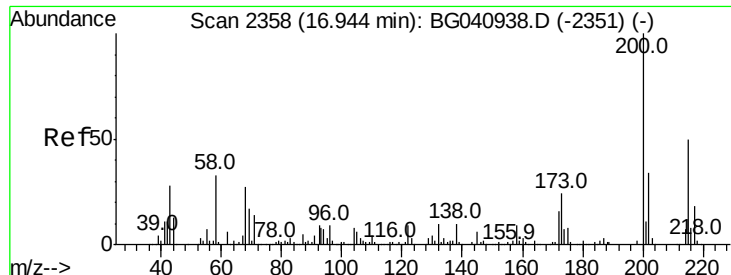
mohammad  
6/14/2019 8:39:53 AM



#68  
Hexachlorobenzene  
Concen: 43.697 ng  
RT: 16.78 min Scan# 2330  
Delta R.T. 0.00 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.5  | 23.9  | 35.9  |
| 249     | 34.6  | 26.8  | 40.2  |





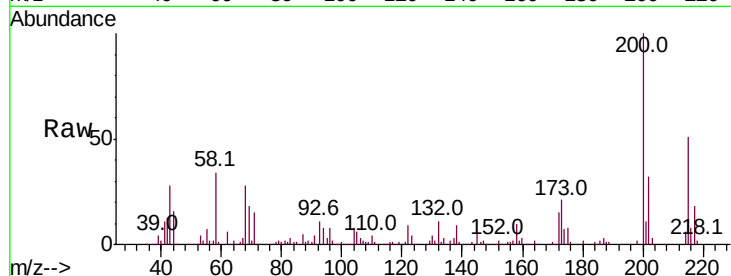
#69  
 Atrazine  
 Concen: 43.390 ng  
 RT: 16.92 min Scan# 2355  
 Delta R.T. 0.00 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 21.0  | 3.6   | 43.6  |
| 215     | 50.5  | 29.6  | 69.6  |

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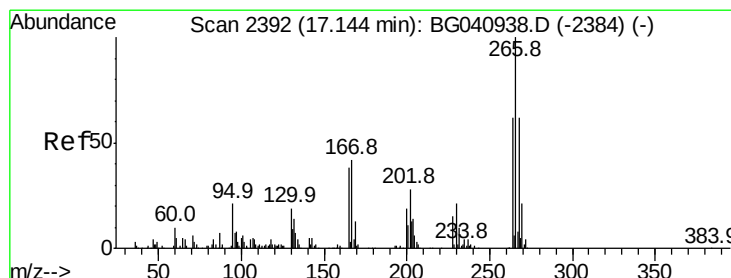
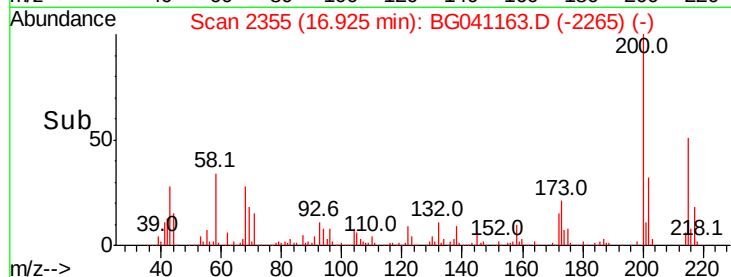
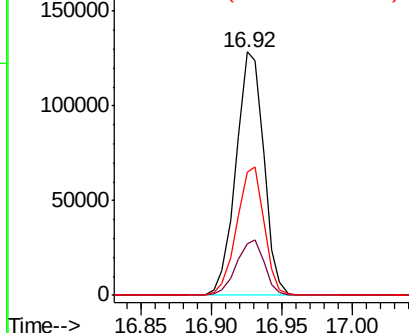


Abundance

Ion 200.00 (199.70 to 200.70): E

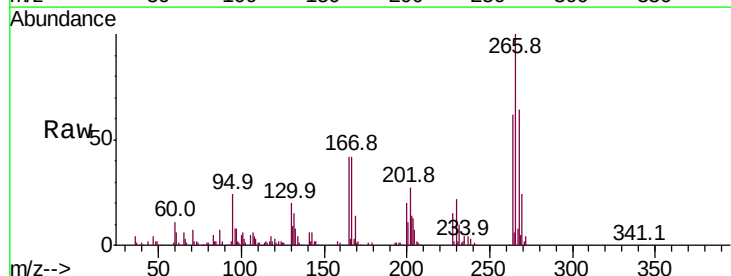
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 42.807 ng  
 RT: 17.12 min Scan# 2389  
 Delta R.T. 0.00 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.6  | 53.1  | 79.7  |
| 264     | 61.8  | 49.9  | 74.9  |

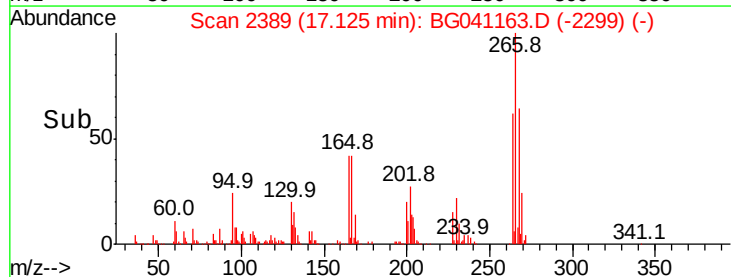
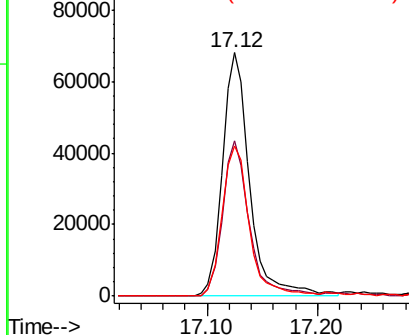


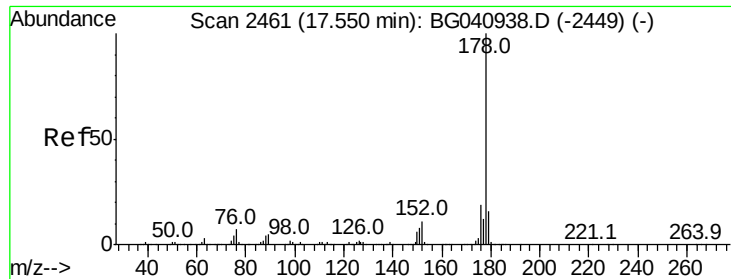
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





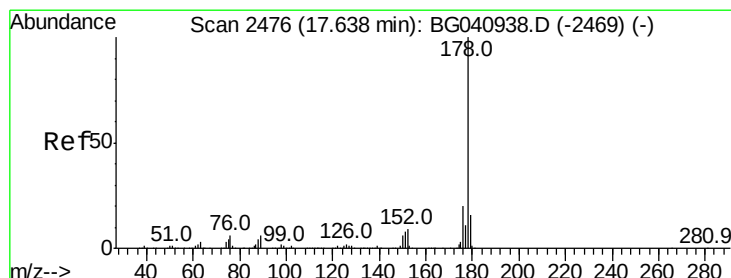
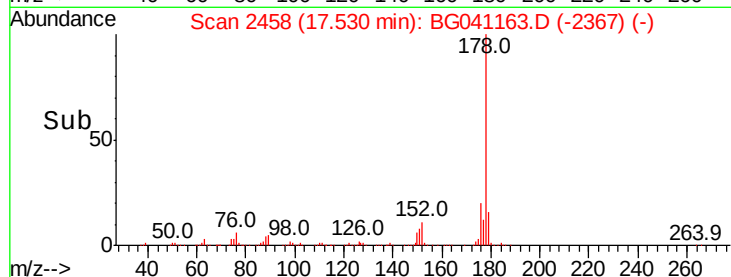
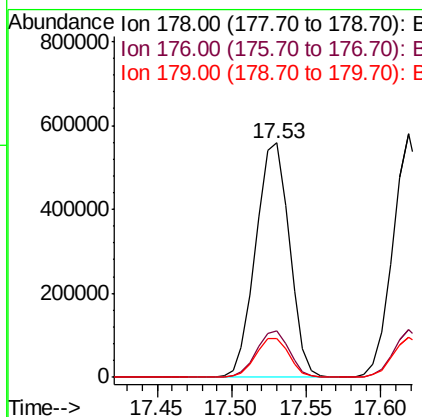
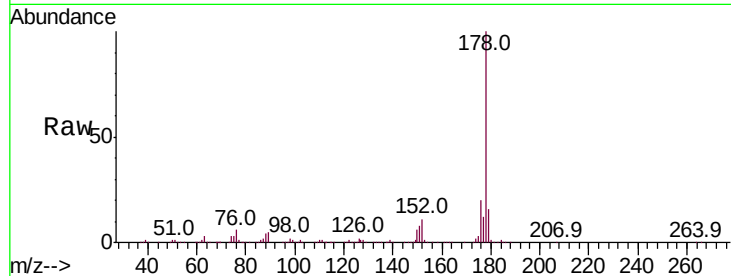
#71  
Phenanthrene  
Concen: 44.615 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.5  | 23.3  |
| 179     | 16.4  | 12.7  | 19.1  |

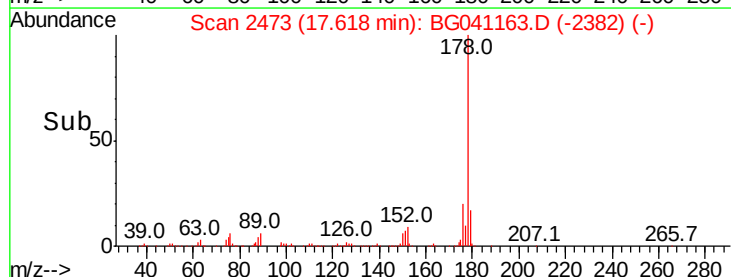
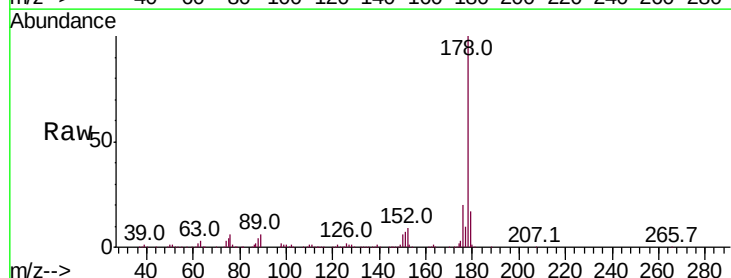
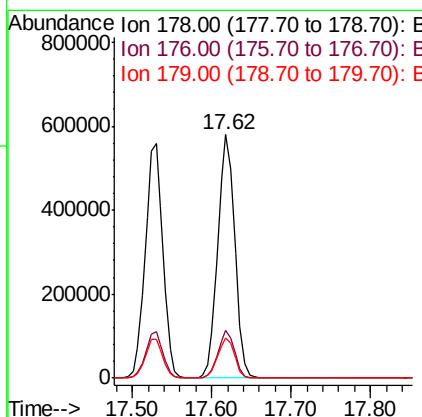
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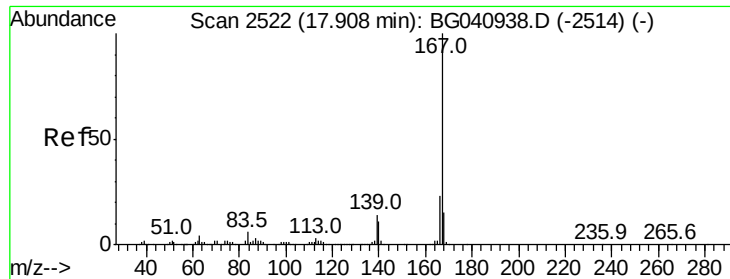


#72  
Anthracene  
Concen: 44.766 ng  
RT: 17.62 min Scan# 2473  
Delta R.T. 0.01 min  
Lab File: BG041163.D  
Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.6  | 23.4  |
| 179     | 16.6  | 13.0  | 19.4  |







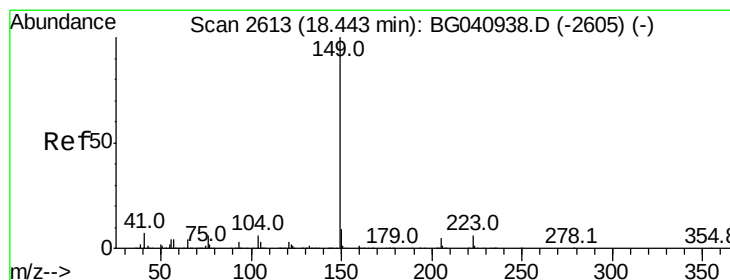
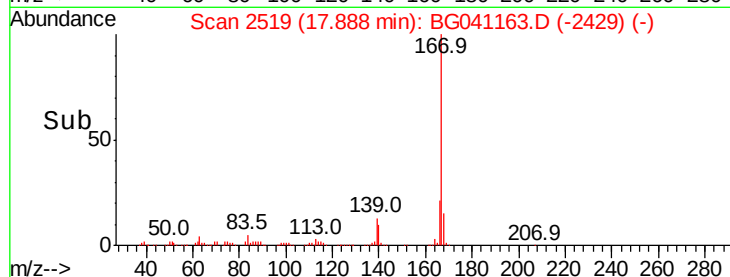
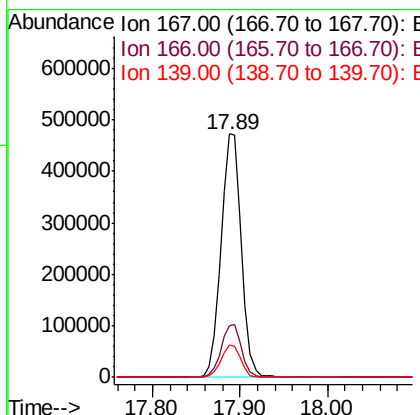
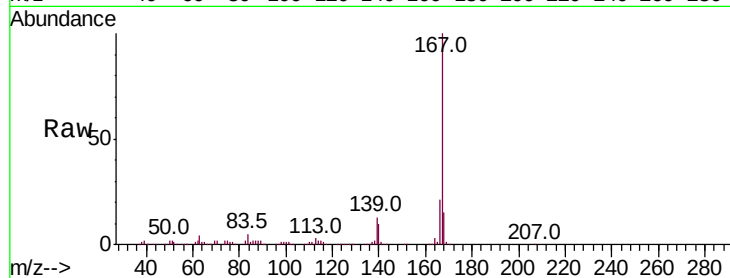
#73  
 Carbazole  
 Concen: 45.705 ng  
 RT: 17.89 min Scan# 2519  
 Delta R.T. 0.00 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 18.2  | 27.4  |
| 139     | 13.3  | 10.8  | 16.2  |

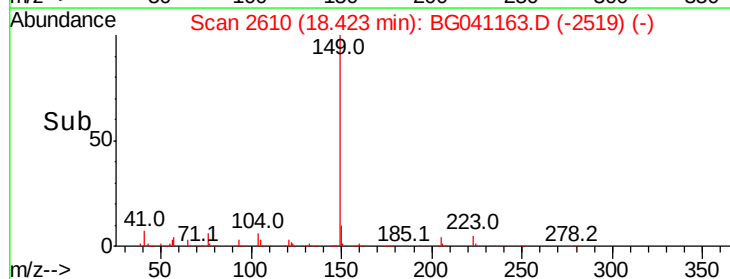
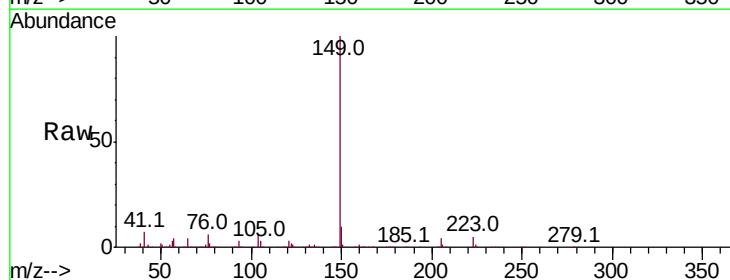
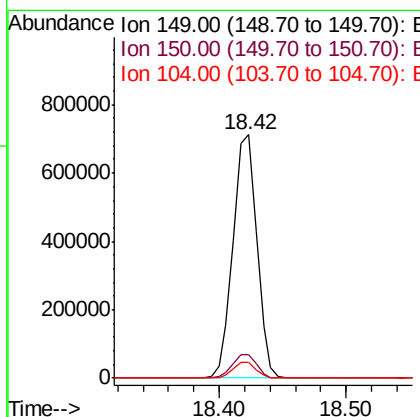
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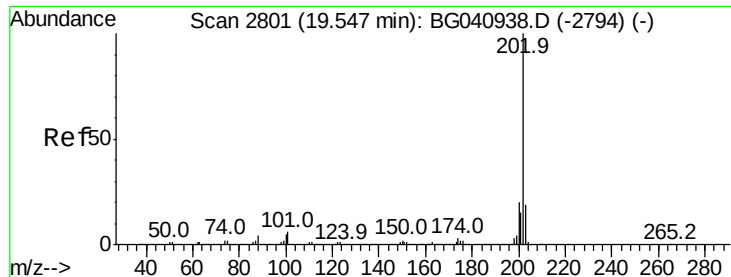
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#74  
 Di-n-butylphthalate  
 Concen: 44.896 ng  
 RT: 18.42 min Scan# 2610  
 Delta R.T. 0.01 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.4   | 11.2  |
| 104     | 6.5   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 45.015 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1085808

Ion Ratio Lower Upper

202 100

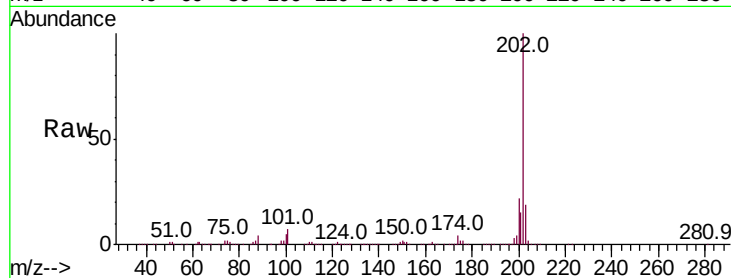
101 7.3 0.0 26.2

203 19.1 0.0 38.7

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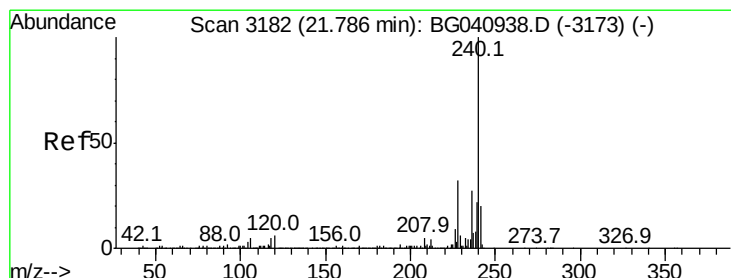
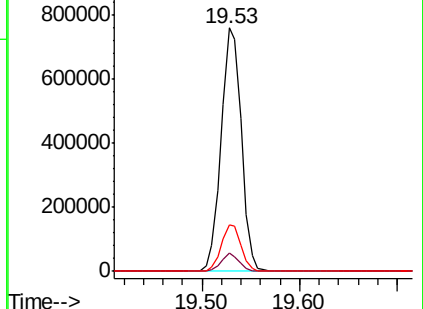
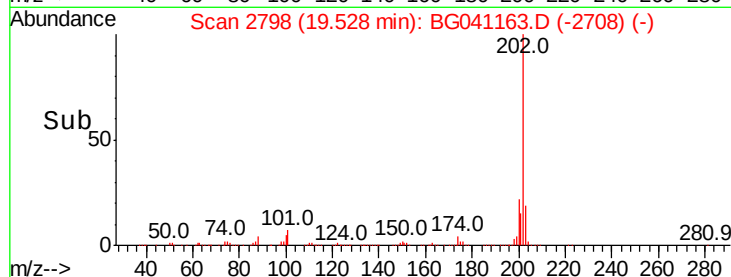
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

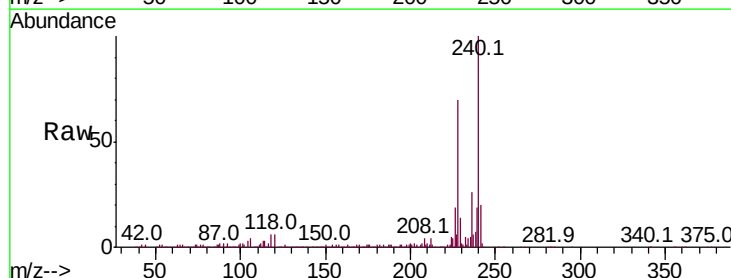
Tgt Ion:240 Resp: 373453

Ion Ratio Lower Upper

240 100

120 5.6 4.5 6.7

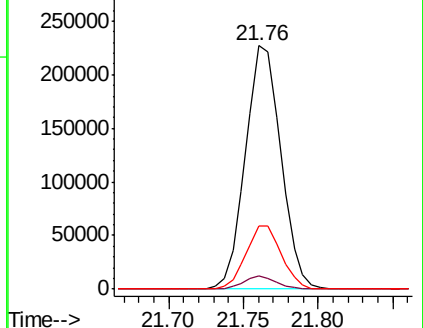
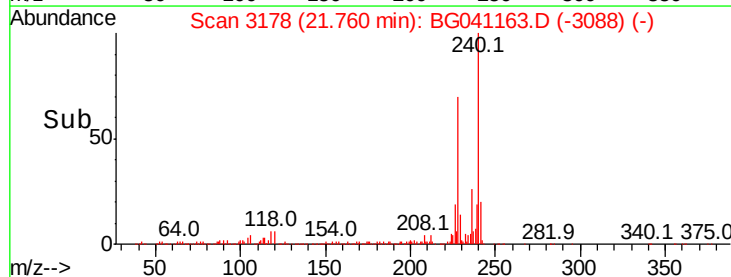
236 26.1 21.3 31.9

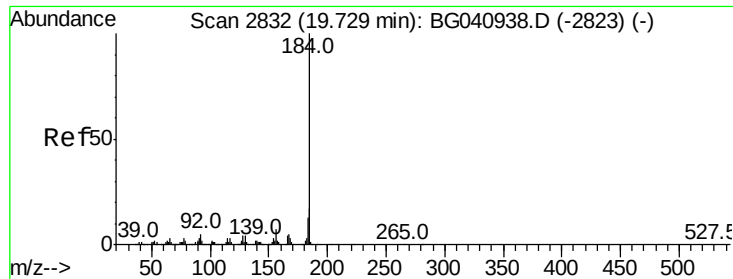


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.513 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

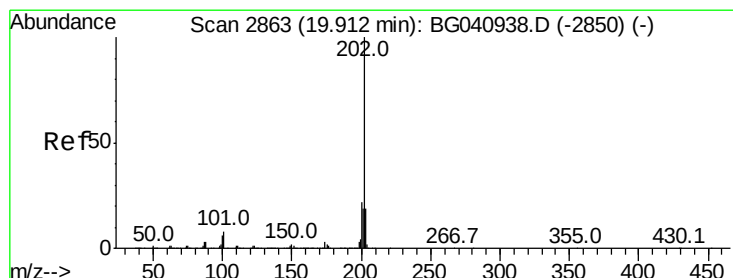
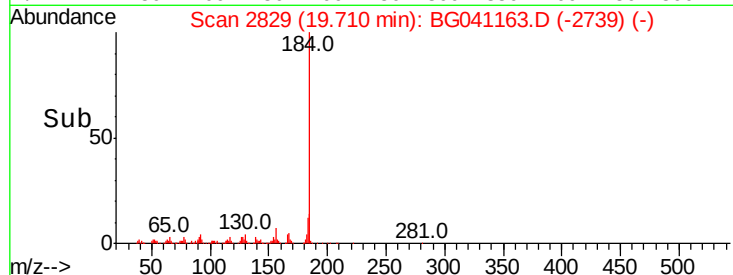
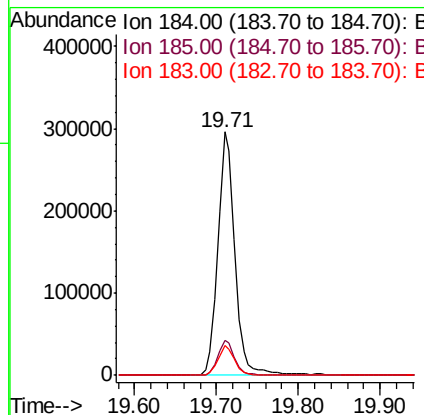
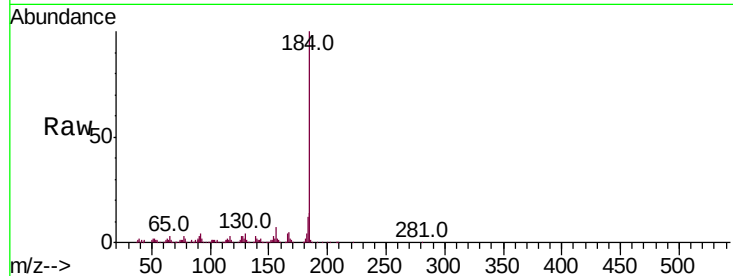
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 432196 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.4  | 13.3  | 19.9   |
| 183       | 12.0  | 10.7  | 16.1   |

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#78

Pyrene

Concen: 44.944 ng

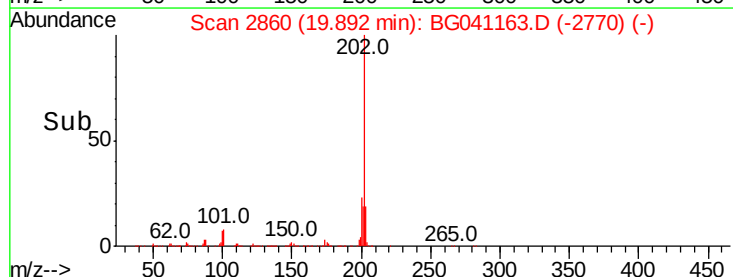
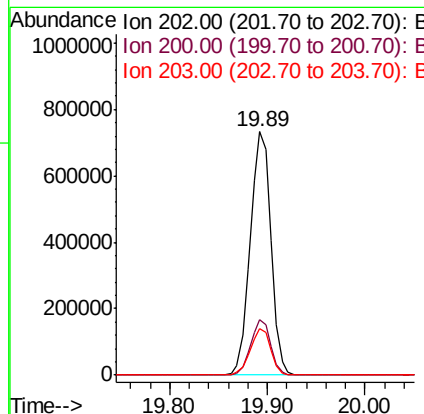
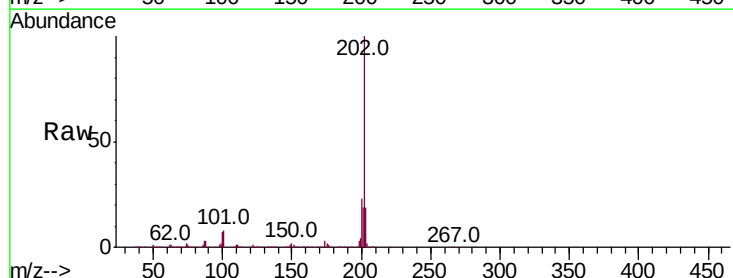
RT: 19.89 min Scan# 2860

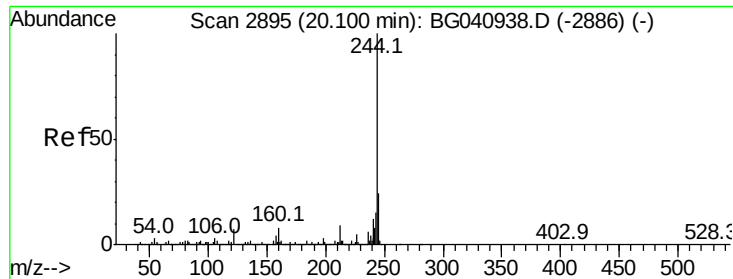
Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1091096 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 22.9  | 17.5  | 26.3    |
| 203       | 19.3  | 15.6  | 23.4    |





#79

Terphenyl-d14

Concen: 81.594 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1435754

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

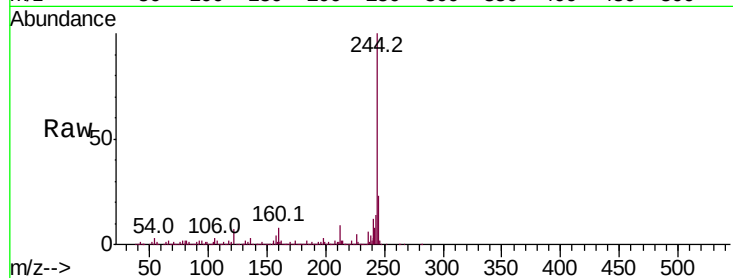
122 7.4 5.4 8.0

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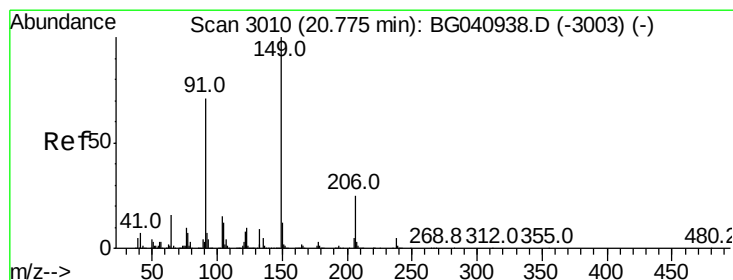
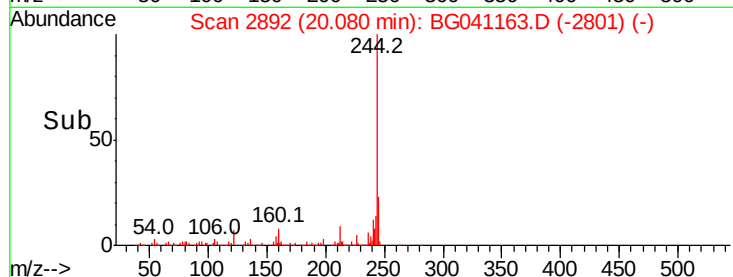
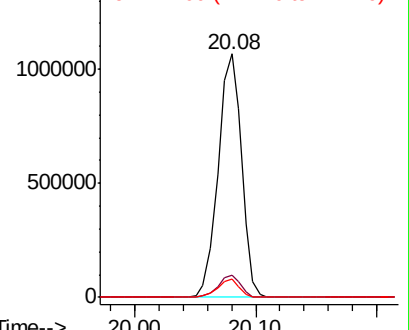
6/14/2019 8:39:53 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.580 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

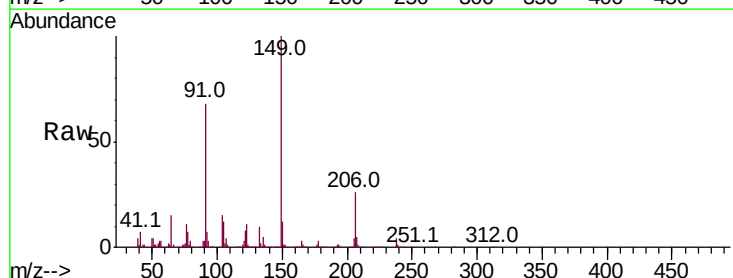
Tgt Ion:149 Resp: 430616

Ion Ratio Lower Upper

149 100

91 68.2 56.5 84.7

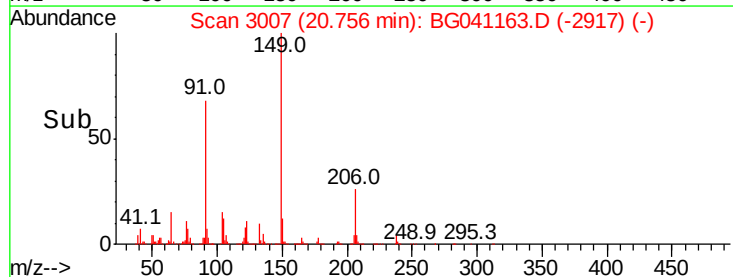
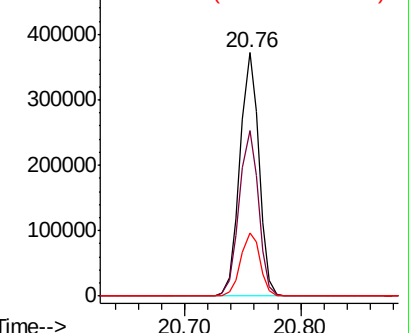
206 26.2 20.3 30.5

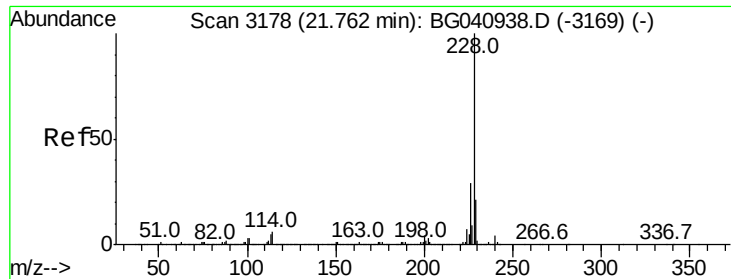


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.186 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1098438

Ion Ratio Lower Upper

228 100

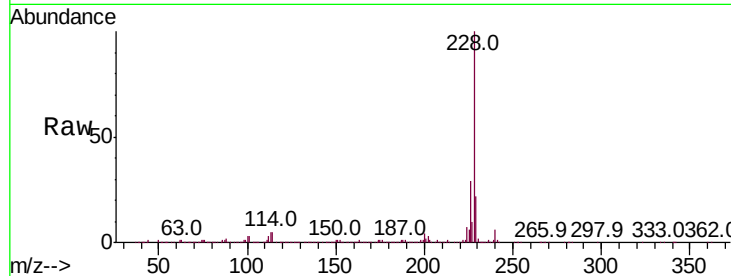
226 29.1 23.5 35.3

229 21.6 16.7 25.1

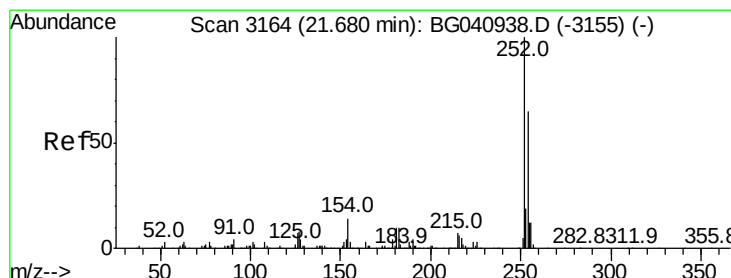
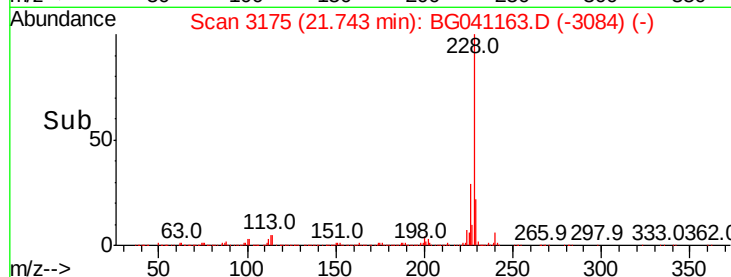
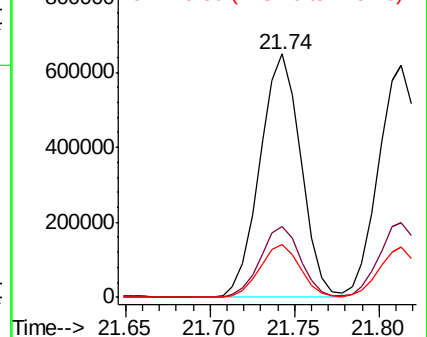
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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.596 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

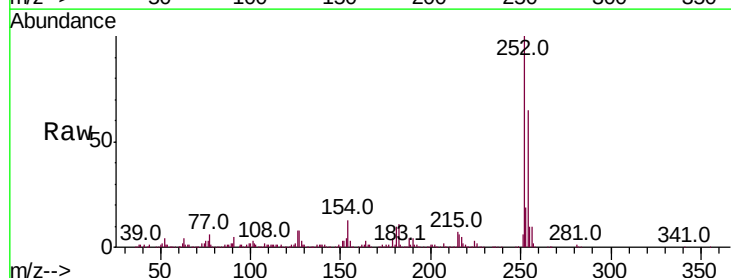
Tgt Ion:252 Resp: 407414

Ion Ratio Lower Upper

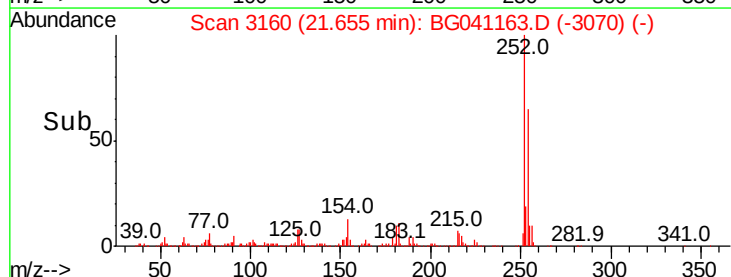
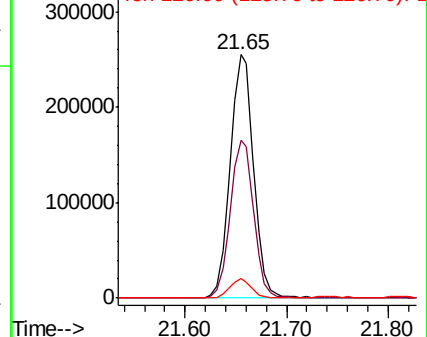
252 100

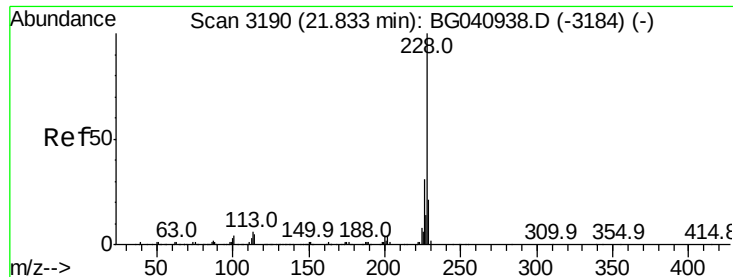
254 65.1 52.1 78.1

126 7.9 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





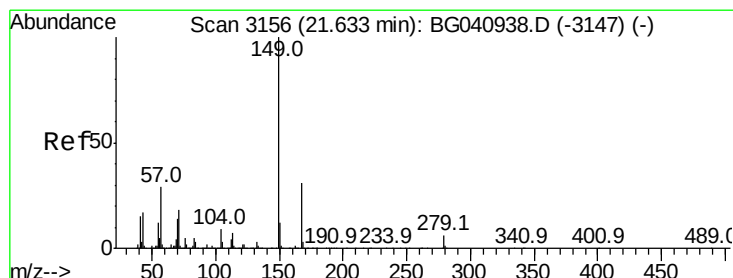
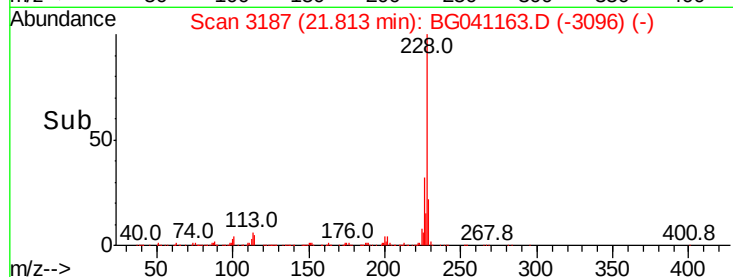
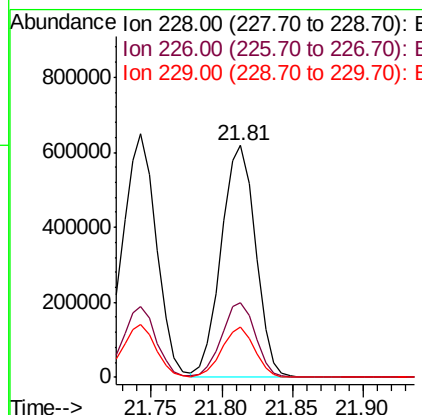
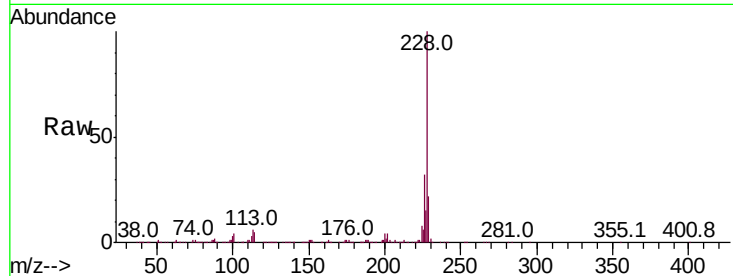
#83  
 Chrysene  
 Concen: 43.982 ng  
 RT: 21.81 min Scan# 3187  
 Delta R.T. 0.01 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.3  | 24.6  | 37.0  |
| 229     | 21.5  | 16.6  | 24.8  |

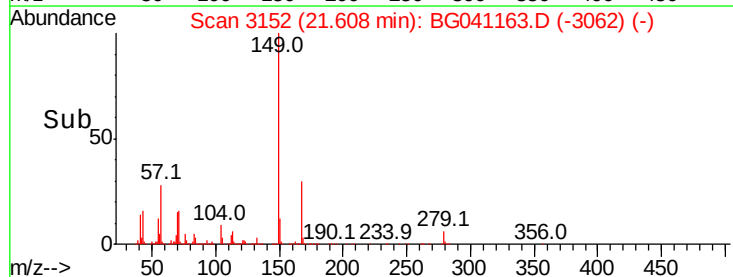
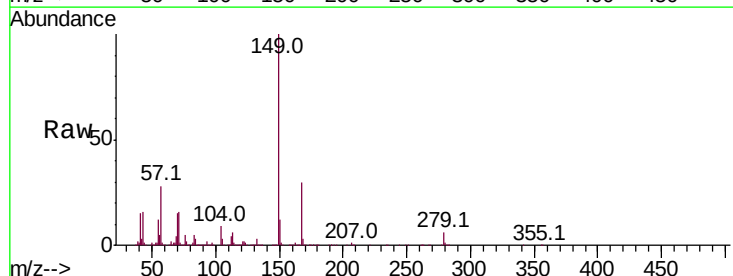
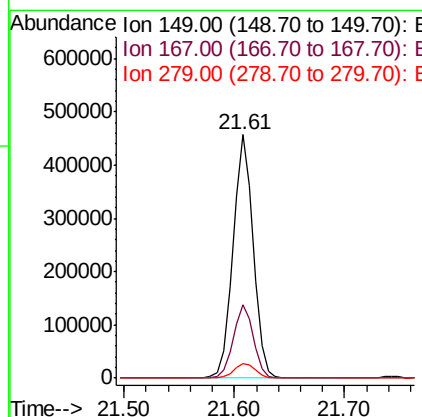
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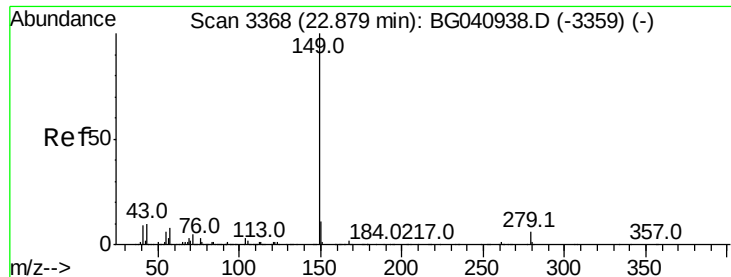
mohammad  
 6/14/2019 8:39:53 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.085 ng  
 RT: 21.61 min Scan# 3152  
 Delta R.T. 0.00 min  
 Lab File: BG041163.D  
 Acq: 10 Jun 2019 15:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.1  | 24.6  | 37.0  |
| 279     | 6.1   | 5.0   | 7.6   |





#85

Di-n-octyl phthalate

Concen: 44.654 ng

RT: 22.85 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

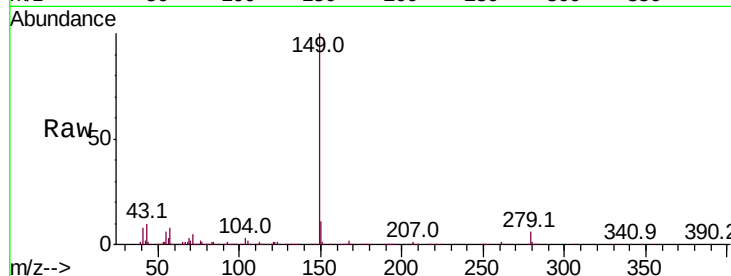
ClientSampleId :

SSTDCCC040EC

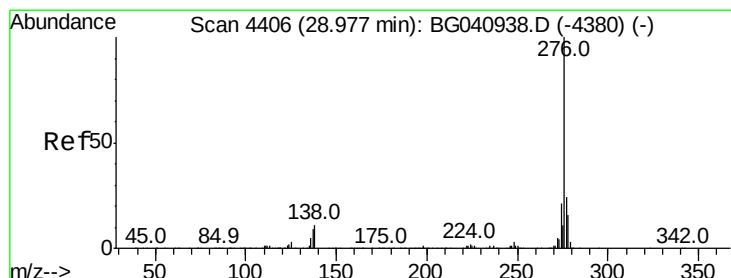
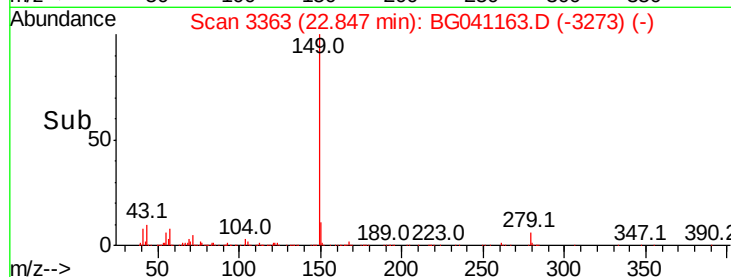
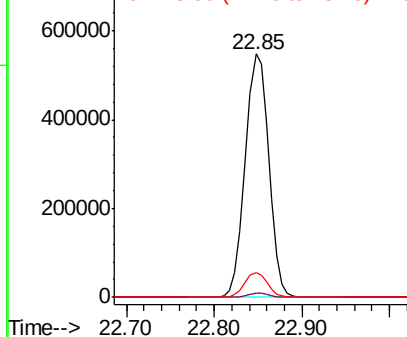
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 989073 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.0    |
| 43        | 10.0  | 8.1   | 12.1   |

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.605 ng

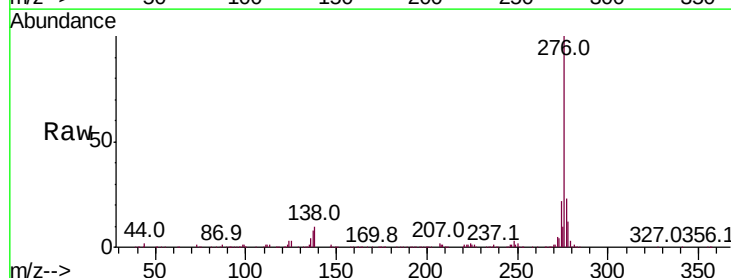
RT: 28.92 min Scan# 4396

Delta R.T. 0.01 min

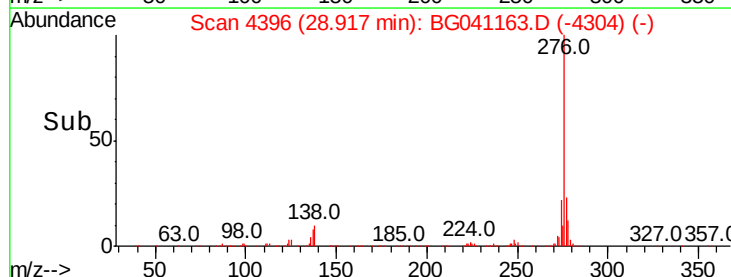
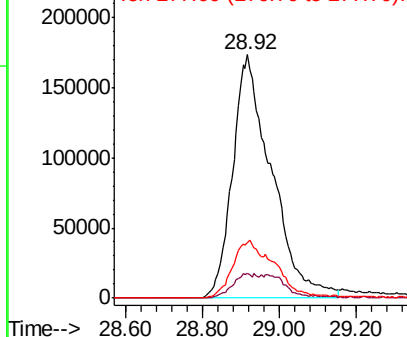
Lab File: BG041163.D

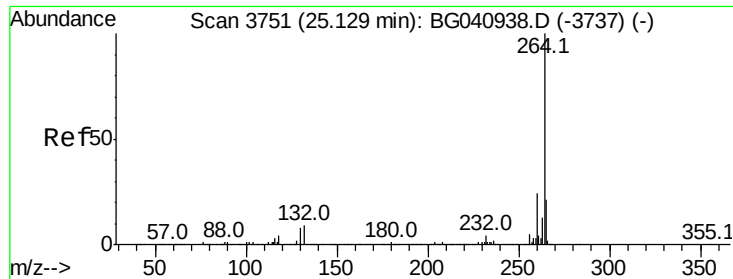
Acq: 10 Jun 2019 15:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1212423 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 5.1   | 5.7   | 8.5#    |
| 277       | 25.8  | 20.8  | 31.2    |



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

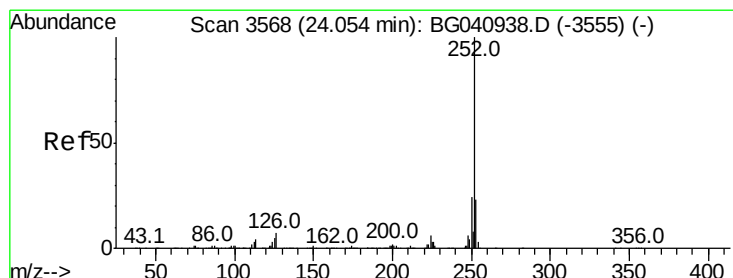
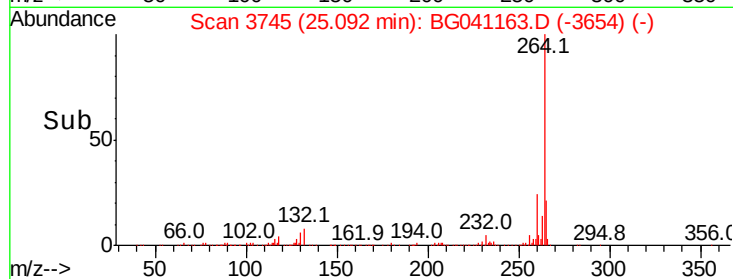
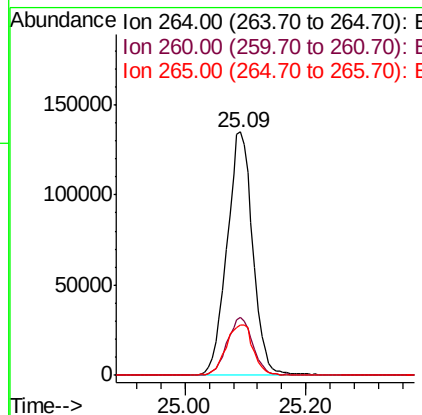
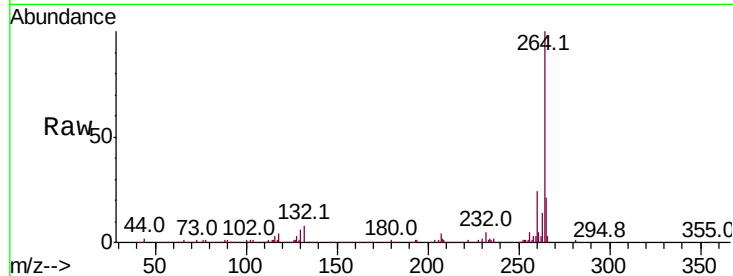
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 400413 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.7  | 19.0  | 28.4   |
| 265       | 20.7  | 17.0  | 25.4   |

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#88

Benzo(b)fluoranthene

Concen: 43.842 ng

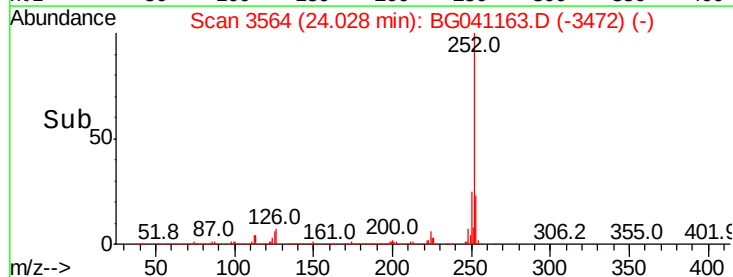
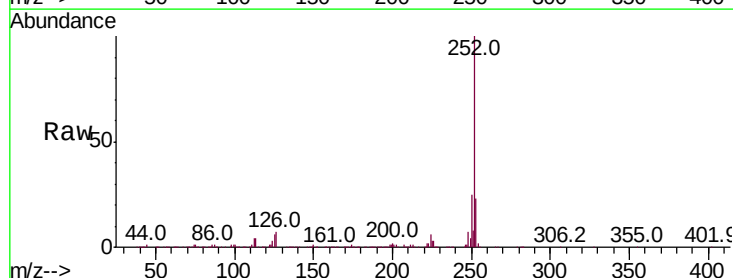
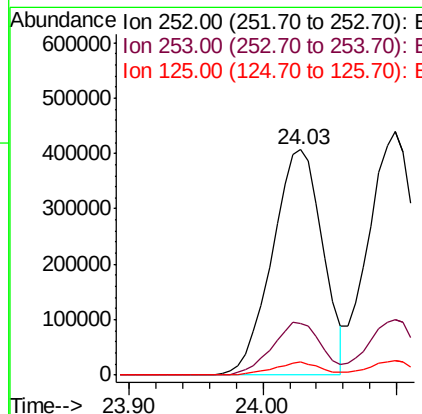
RT: 24.03 min Scan# 3564

Delta R.T. 0.01 min

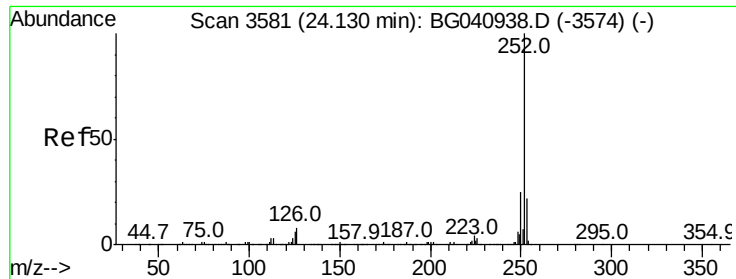
Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1064769 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.8  | 18.4  | 27.6    |
| 125       | 5.7   | 4.3   | 6.5     |







#89

Benzo(k)fluoranthene

Concen: 44.336 ng

RT: 24.10 min Scan# 3576

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1065538

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

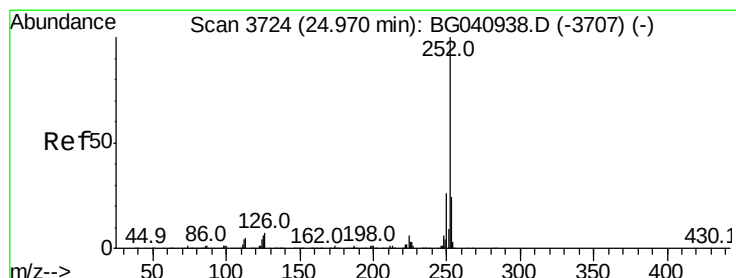
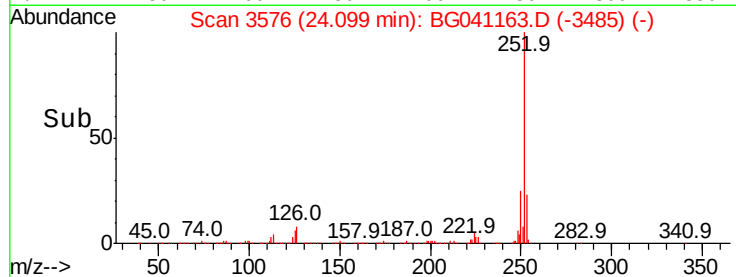
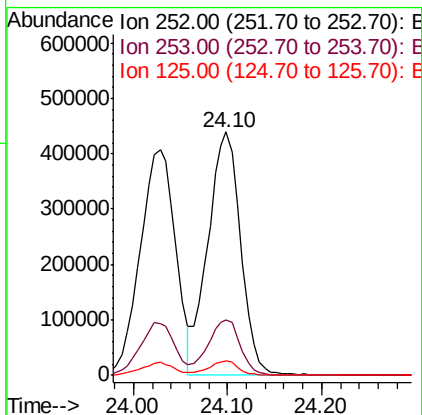
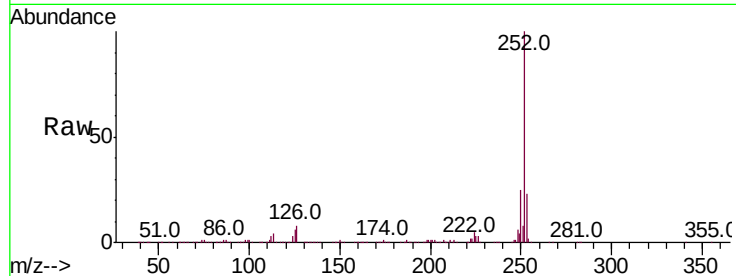
125 5.8 4.7 7.1

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#90

Benzo(a)pyrene

Concen: 44.440 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

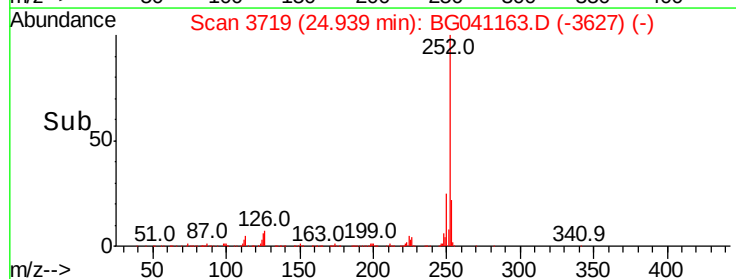
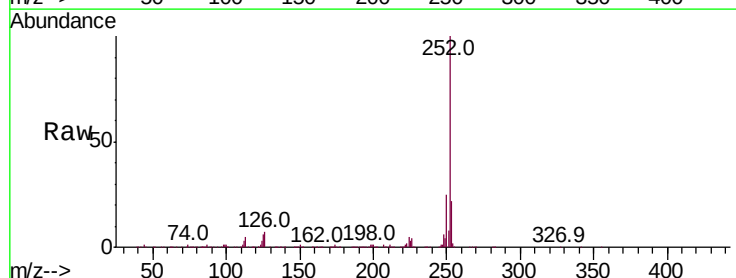
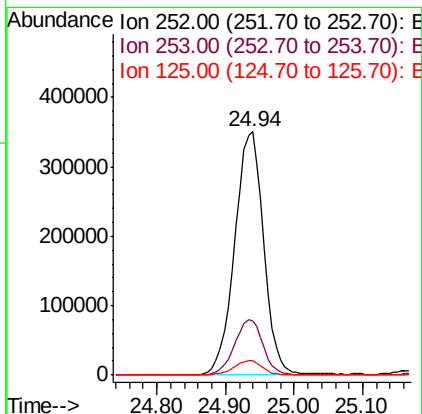
Tgt Ion:252 Resp: 1029724

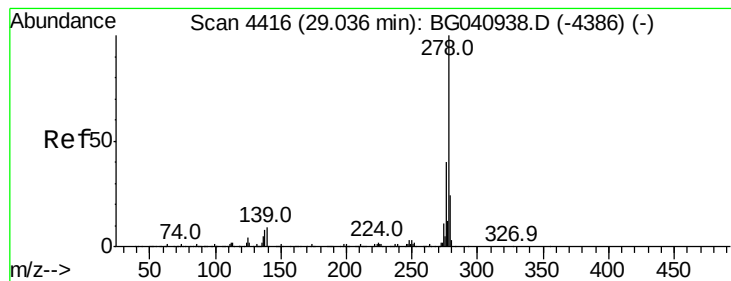
Ion Ratio Lower Upper

252 100

253 22.4 19.5 29.3

125 5.8 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 43.173 ng

RT: 28.99 min Scan# 4408

Delta R.T. 0.02 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

Instrument :

BNA\_G

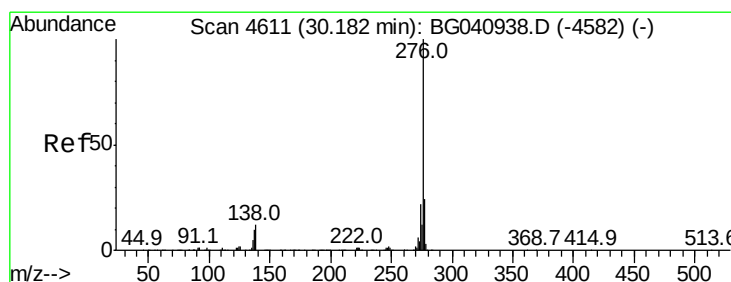
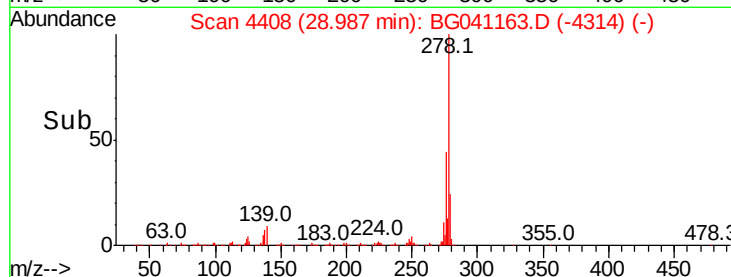
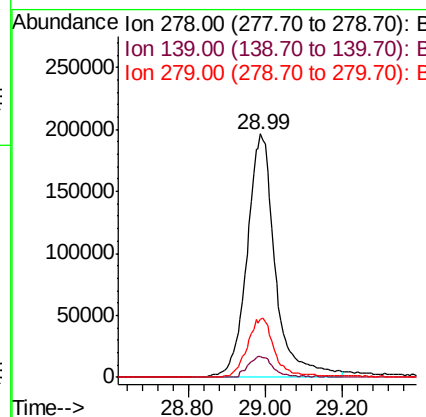
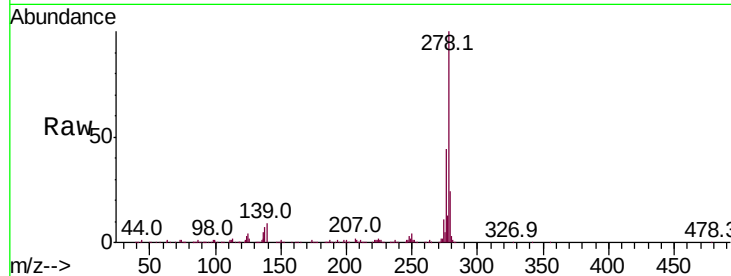
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 999576 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 8.8   | 7.1   | 10.7   |
| 279       | 24.0  | 19.4  | 29.2   |

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#92

Benzo(g,h,i)perylene

Concen: 41.086 ng

RT: 30.13 min Scan# 4602

Delta R.T. 0.01 min

Lab File: BG041163.D

Acq: 10 Jun 2019 15:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 924168 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.9  | 19.4  | 29.0   |
| 138       | 9.9   | 9.7   | 14.5   |

