

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\  
 Data File : BG041305.D  
 Acq On : 18 Jun 2019 20:00  
 Operator : HP/JU  
 Sample : K3409-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

Manual Integrations  
 APPROVED

mohammad  
 6/21/2019 9:56:54 PM

Quant Time: Jun 19 06:55:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 14:58:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 39958    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.90 | 136  | 152388   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.72 | 164  | 106477   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.46 | 188  | 264145   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 269173   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.05 | 264  | 283622   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 275272 | 126.58 | ng | 0.00 |
| 7) Phenol-d6             | 7.24  | 99  | 395062 | 125.33 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.26  | 82  | 277399 | 76.56  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 177036 | 108.30 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.34 | 172 | 459627 | 58.67  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 768001 | 56.54  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 33419  | 30.646 | ng | 96     |
| 3) Pyridine                    | 3.89  | 79  | 83662  | 28.920 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 59406  | 38.507 | ng | 97     |
| 6) Aniline                     | 7.41  | 93  | 78179  | 17.843 | ng | 98     |
| 8) 2-Chlorophenol              | 7.64  | 128 | 106002 | 41.484 | ng | 95     |
| 9) Benzaldehyde                | 7.22  | 77  | 26099  | 12.945 | ng | 90     |
| 10) Phenol                     | 7.26  | 94  | 149202 | 44.016 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.50  | 93  | 102630 | 39.903 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146 | 116995 | 36.567 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146 | 121378 | 37.139 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.44  | 146 | 116862 | 37.437 | ng | 96     |
| 15) Benzyl Alcohol             | 8.32  | 79  | 117829 | 39.014 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 159009 | 37.766 | ng | 97     |
| 17) 2-Methylphenol             | 8.52  | 107 | 98963  | 40.836 | ng | 98     |
| 18) Hexachloroethane           | 9.16  | 117 | 45924  | 35.460 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.89  | 70  | 98286  | 38.551 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.85  | 107 | 135159 | 41.895 | ng | 93     |
| 22) Acetophenone               | 8.91  | 105 | 179621 | 40.505 | ng | # 97   |
| 24) Nitrobenzene               | 9.31  | 77  | 150703 | 41.354 | ng | 99     |
| 25) Isophorone                 | 9.82  | 82  | 270106 | 40.632 | ng | 98     |
| 26) 2-Nitrophenol              | 10.01 | 139 | 63650  | 43.082 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.06 | 122 | 106715 | 48.187 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93  | 136550 | 39.423 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.54 | 162 | 122777 | 44.712 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.76 | 180 | 136194 | 38.727 | ng | 93     |
| 31) Naphthalene                | 10.95 | 128 | 332291 | 40.122 | ng | 99     |
| 32) Benzoic acid               | 10.21 | 122 | 54576  | 37.857 | ng | 91     |
| 33) 4-Chloroaniline            | 11.07 | 127 | 45677  | 12.986 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 103117 | 36.940 | ng | 94     |
| 35) Caprolactam                | 11.86 | 113 | 34819m | 36.833 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 137726 | 43.423 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.55 | 142 | 245678 | 40.276 | ng | 95     |
| 38) 1-Methylnaphthalene        | 12.77 | 142 | 236680 | 40.554 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216 | 183241 | 41.677 | ng | 99     |

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 BNA\_G  
 ClientSampleId :  
 T-1MS

Manual Integrations  
 APPROVED

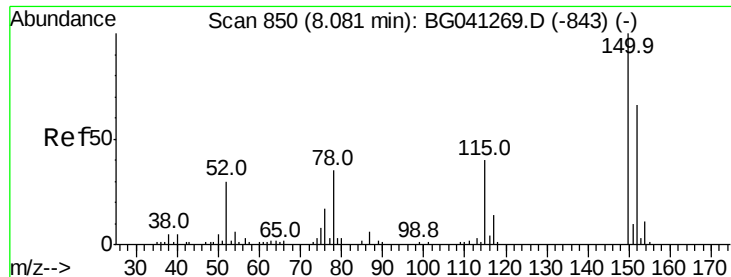
mohammad  
 6/21/2019 9:56:54 PM

Quant Time: Jun 19 06:55:30 2019  
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| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 194290   | 65.603    | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.15 | 196  | 117699   | 43.274    | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 123851   | 44.255    | nq    | 93       |
| 46) 1,1'-Biphenyl              | 13.55 | 154  | 334948   | 41.610    | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.60 | 162  | 275877   | 39.808    | nq    | 97       |
| 48) 2-Nitroaniline             | 13.81 | 65   | 99278    | 39.115    | nq    | 92       |
| 49) Acenaphthylene             | 14.44 | 152  | 426157   | 40.523    | nq    | 99       |
| 50) Dimethylphthalate          | 14.16 | 163  | 431822   | 45.580    | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 80478    | 40.287    | nq    | 98       |
| 52) Acenaphthene               | 14.78 | 154  | 245834   | 39.809    | nq    | 97       |
| 53) 3-Nitroaniline             | 14.63 | 138  | 41395    | 21.033    | nq #  | 99       |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 86603    | 61.487    | nq    | 94       |
| 55) Dibenzofuran               | 15.12 | 168  | 431946   | 40.230    | nq    | 98       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 117605   | 78.712    | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 113626   | 38.912    | nq #  | 96       |
| 58) Fluorene                   | 15.76 | 166  | 339468   | 40.192    | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 126608   | 43.748    | nq    | 99       |
| 60) Diethylphthalate           | 15.52 | 149  | 367429   | 38.157    | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 213996   | 38.942    | nq    | 99       |
| 62) 4-Nitroaniline             | 15.80 | 138  | 75952    | 36.082    | nq    | 96       |
| 63) Azobenzene                 | 16.04 | 77   | 341940   | 39.804    | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 64058    | 37.362    | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.97 | 169  | 306979   | 43.768    | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 137455   | 40.245    | nq    | 94       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 143085   | 39.122    | nq    | 96       |
| 69) Atrazine                   | 16.91 | 200  | 131140   | Below Cal |       | 98       |
| 70) Pentachlorophenol          | 17.11 | 266  | 168970   | 90.223    | nq    | 99       |
| 71) Phenanthrene               | 17.51 | 178  | 574992   | 40.815    | nq    | 99       |
| 72) Anthracene                 | 17.60 | 178  | 578493   | 41.652    | nq    | 100      |
| 73) Carbazole                  | 17.87 | 167  | 499529   | 41.115    | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 595958   | 39.312    | nq    | 99       |
| 75) Fluoranthene               | 19.51 | 202  | 757877   | 40.494    | nq    | 99       |
| 77) Benzidine                  | 19.69 | 184  | 178367   | 27.396    | nq    | 99       |
| 78) Pyrene                     | 19.87 | 202  | 753389   | 41.502    | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 272441   | 39.677    | nq    | 95       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 725278   | 39.795    | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 119571   | 18.689    | nq    | 98       |
| 83) Chrysene                   | 21.79 | 228  | 711206   | 40.578    | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 380804   | 40.695    | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.82 | 149  | 651964   | 41.181    | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.85 | 276  | 836431   | 40.223    | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.99 | 252  | 724319   | 41.208    | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 24.06 | 252  | 716342   | 41.140    | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.90 | 252  | 708492   | 42.680    | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.91 | 278  | 688206   | 41.180    | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.06 | 276  | 686325   | 41.556    | nq    | 99       |

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





#1

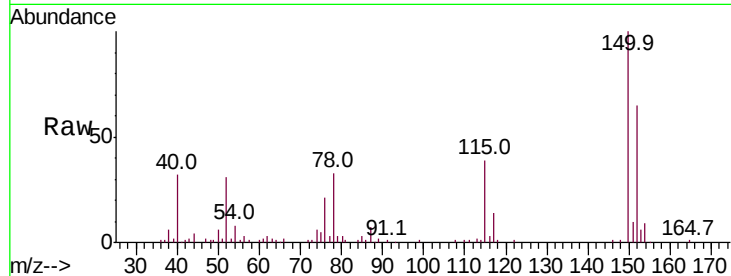
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.9 | 120.6 | 181.0 |
| 115     | 59.5  | 47.9  | 71.9  |

Manual Integrations  
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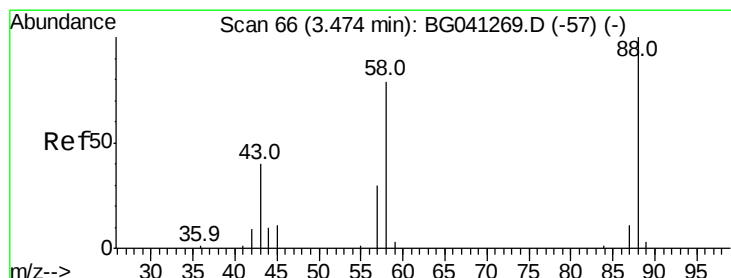
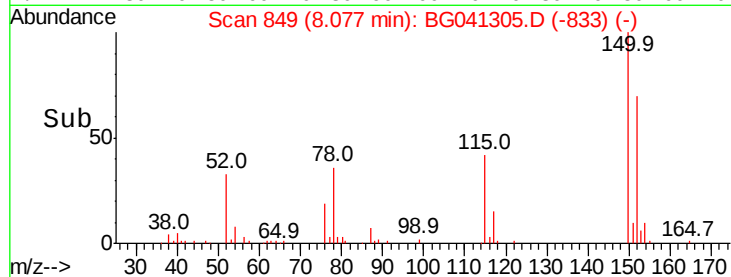
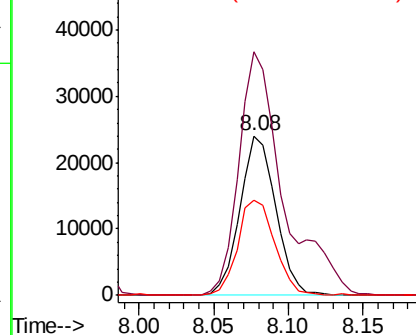


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

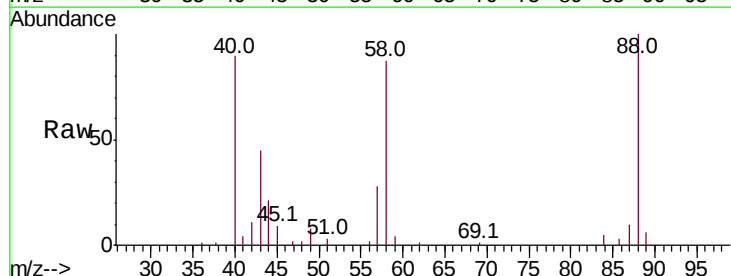
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 30.646 ng  
RT: 3.48 min Scan# 66  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 80.0  | 59.7  | 89.5  |
| 43      | 40.2  | 31.9  | 47.9  |

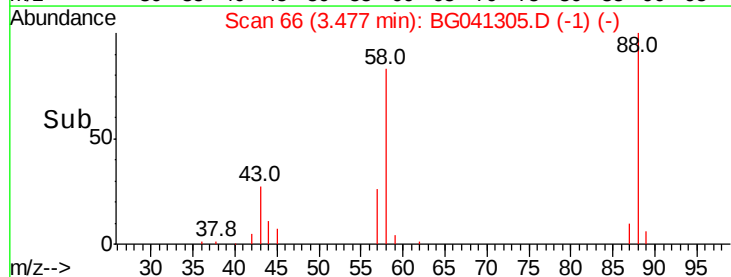
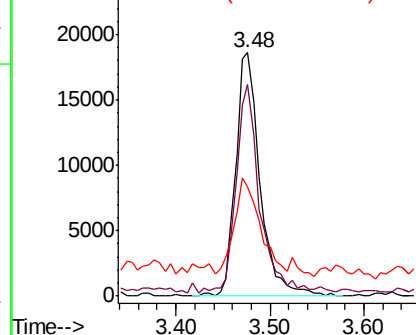


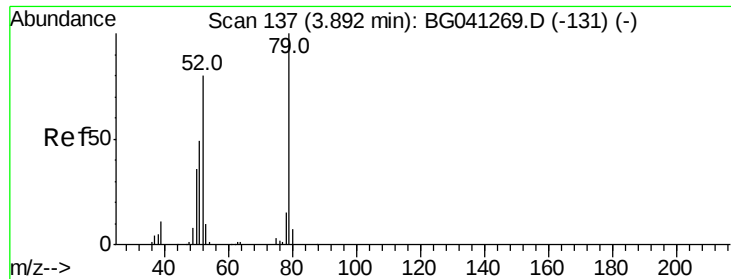
Abundance

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: 28.920 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

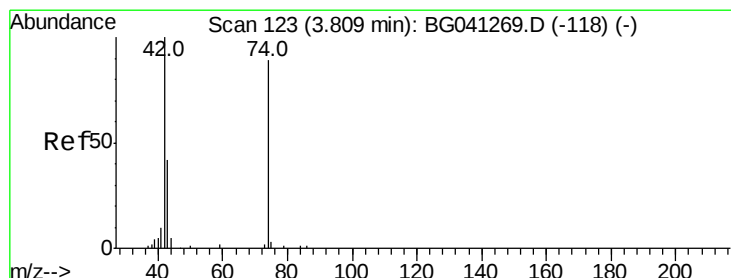
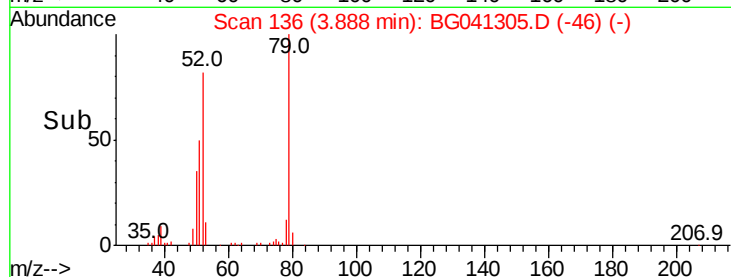
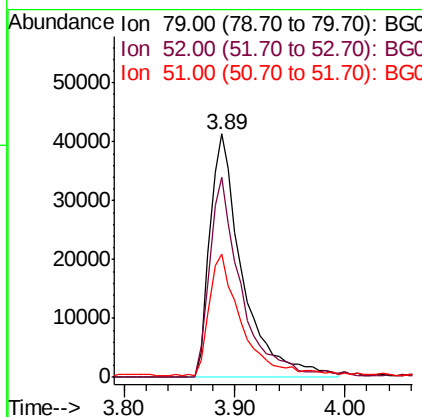
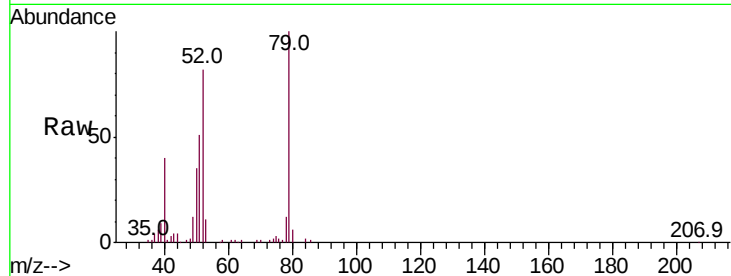
ClientSampleId :

T-1MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 83662 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 82.3  | 63.6  | 95.4  |
| 51        | 50.7  | 39.8  | 59.6  |

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#4

n-Nitrosodimethylamine

Concen: 38.507 ng

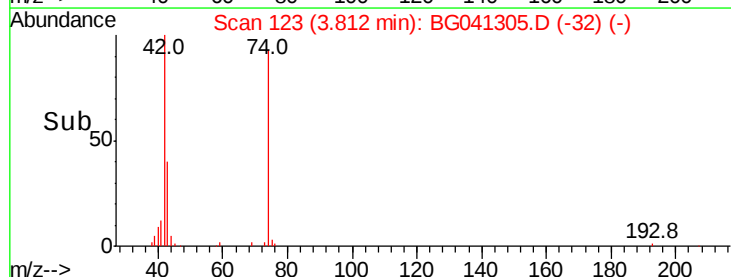
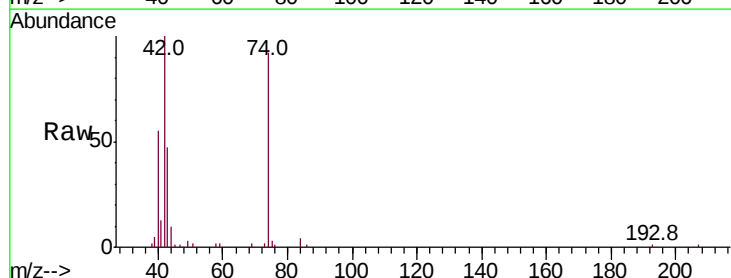
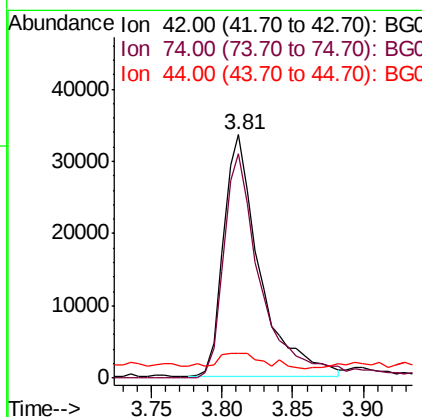
RT: 3.81 min Scan# 123

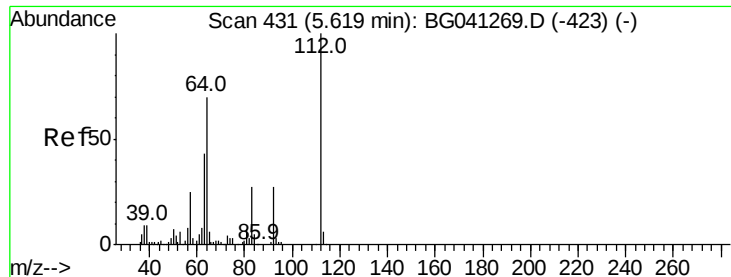
Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 59406 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 92.3  | 71.6  | 107.4 |
| 44        | 10.3  | 9.0   | 13.4  |





#5

2-Fluorophenol

Concen: 126.580 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

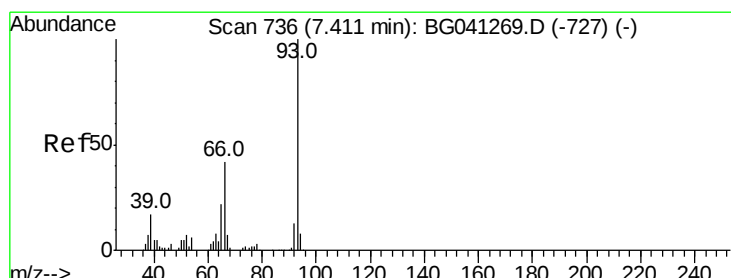
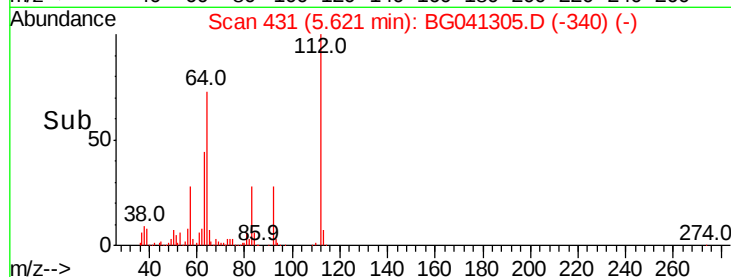
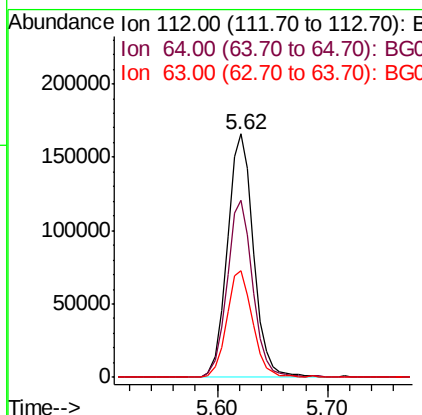
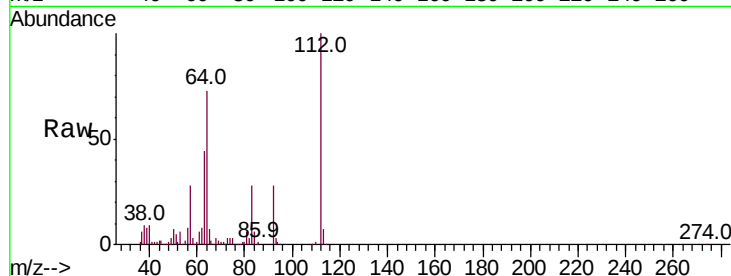
ClientSampleId :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 275272 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 72.9  | 55.9  | 83.9   |
| 63        | 43.6  | 34.6  | 51.8   |

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#6

Aniline

Concen: 17.843 ng

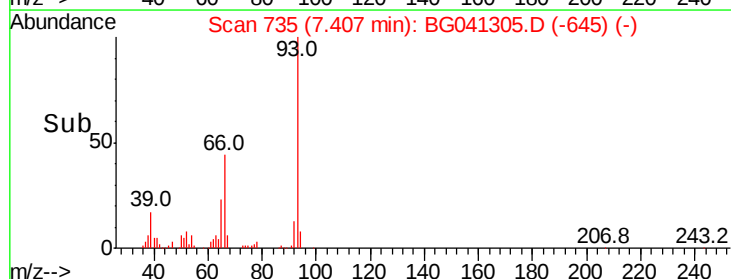
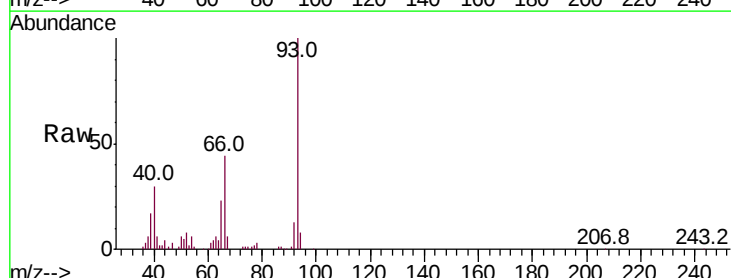
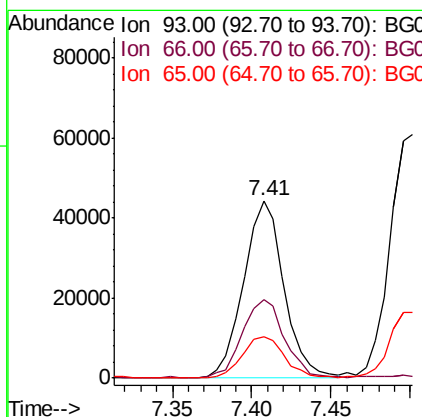
RT: 7.41 min Scan# 735

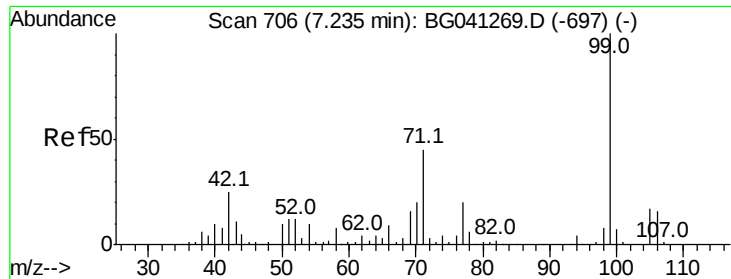
Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 78179 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 43.9  | 34.2  | 51.2  |
| 65        | 23.3  | 17.7  | 26.5  |





#7

Phenol-d6

Concen: 125.328 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

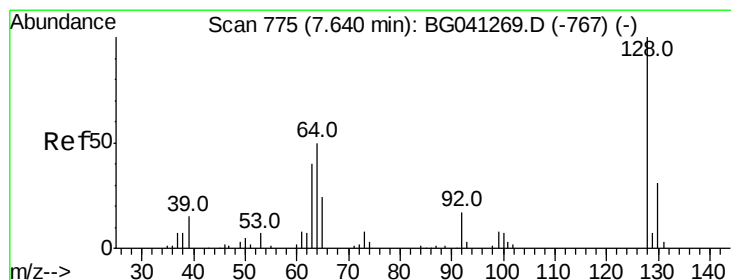
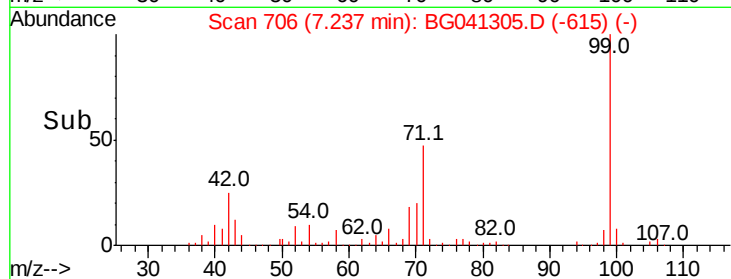
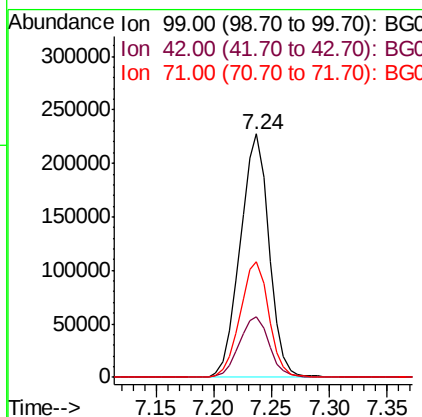
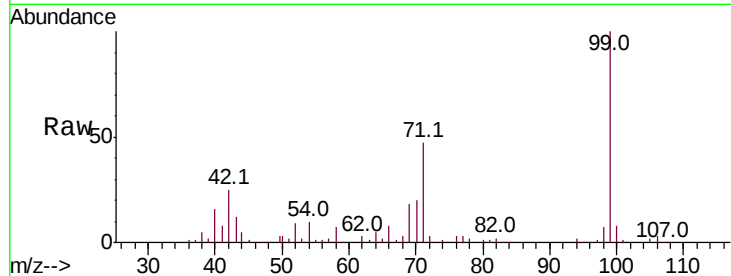
ClientSampled :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 395062 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 25.1  | 19.9  | 29.9   |
| 71        | 47.3  | 36.4  | 54.6   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.484 ng

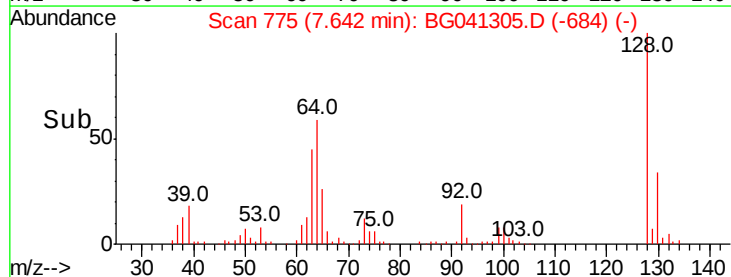
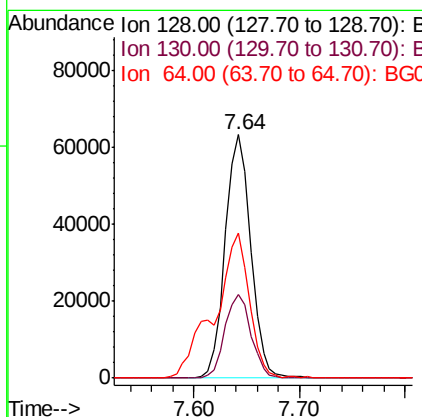
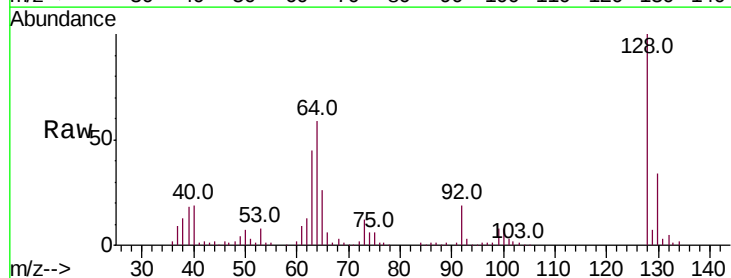
RT: 7.64 min Scan# 775

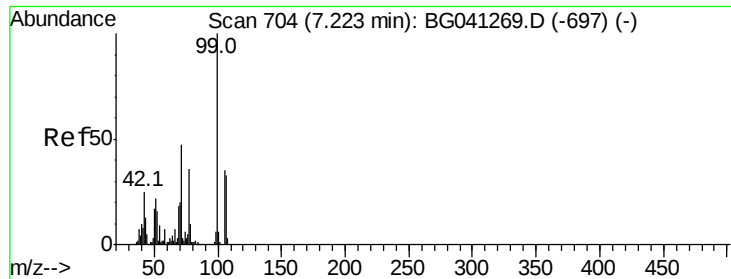
Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 106002 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 34.4  | 11.1  | 51.1   |
| 64        | 59.4  | 36.6  | 76.6   |





#9

Benzaldehyde

Concen: 12.945 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

ClientSampleId :

T-1MS

Tot Ion: 77 Resp: 26099

Ion Ratio Lower Upper

77 100

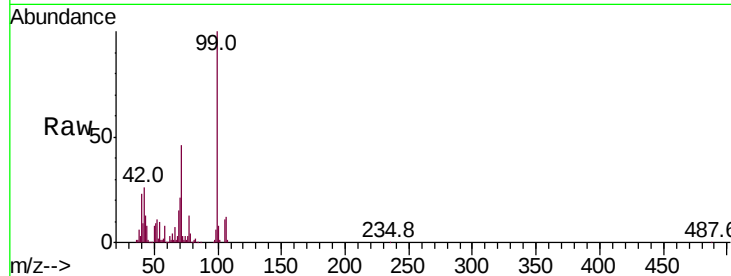
105 82.8 78.7 118.7

106 87.1 71.1 111.1

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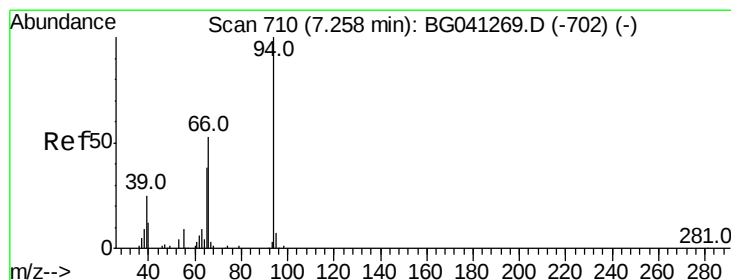
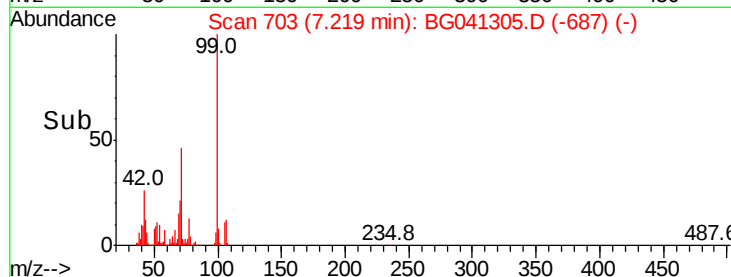
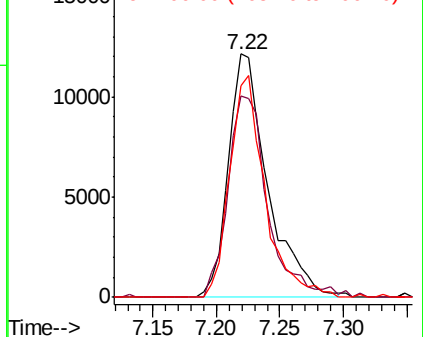
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.016 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

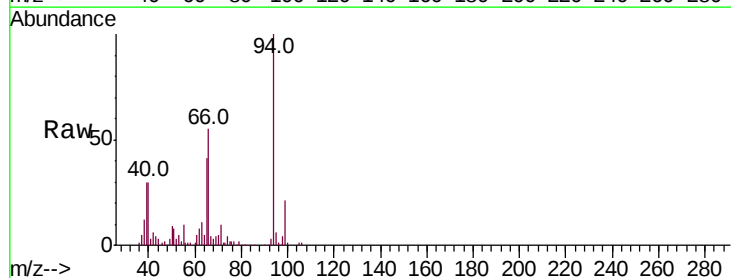
Tgt Ion: 94 Resp: 149202

Ion Ratio Lower Upper

94 100

65 40.7 18.7 58.7

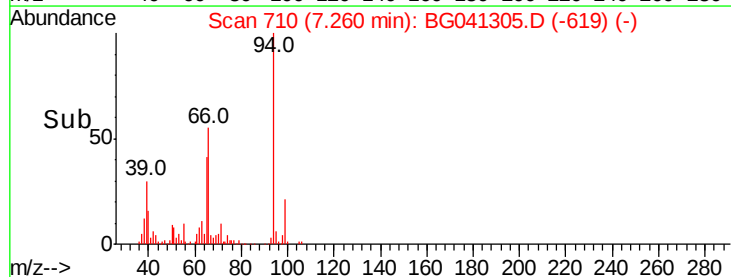
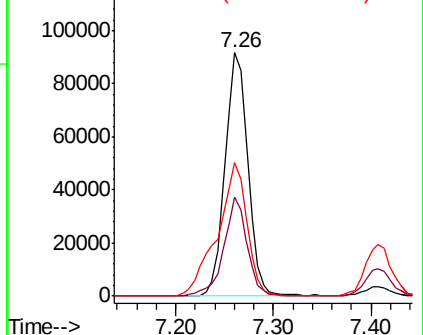
66 54.8 35.5 75.5

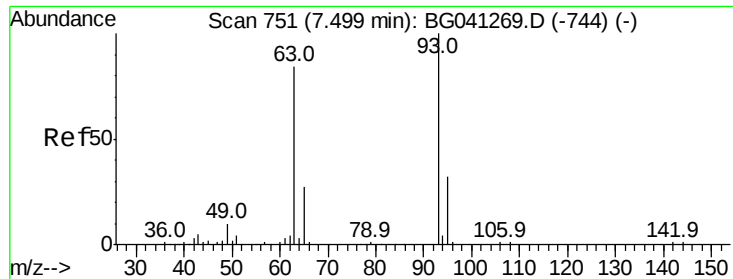


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.903 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

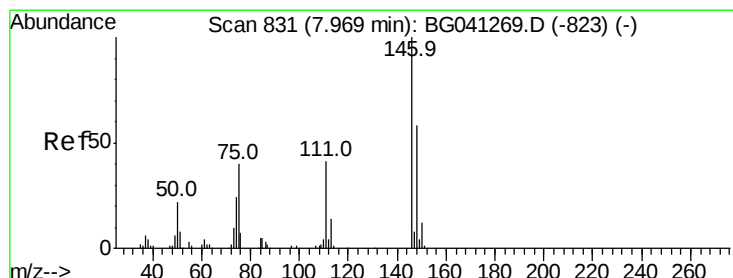
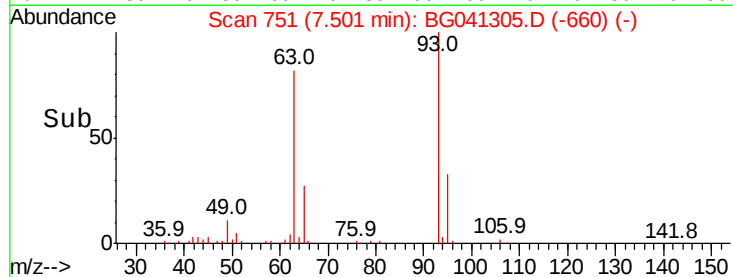
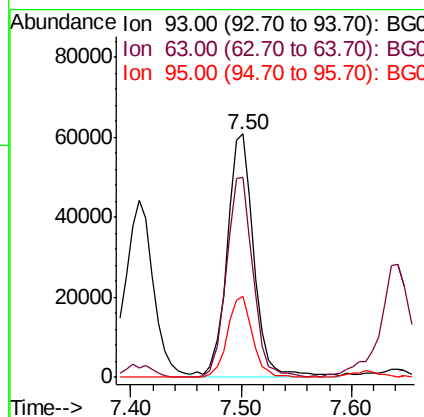
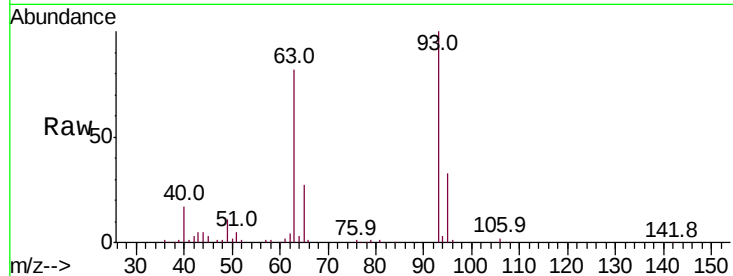
ClientSampleId :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 102630 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 82.2  | 63.6  | 103.6  |
| 95        | 33.2  | 11.2  | 51.2   |

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#12

1,3-Dichlorobenzene

Concen: 36.567 ng

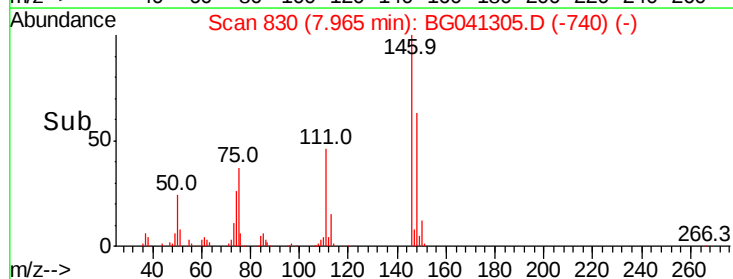
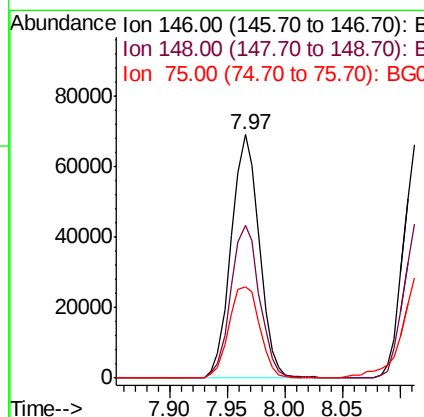
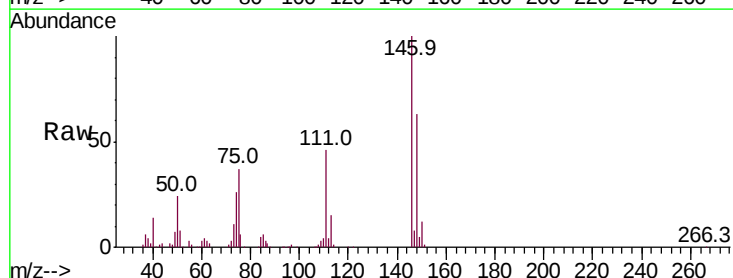
RT: 7.97 min Scan# 830

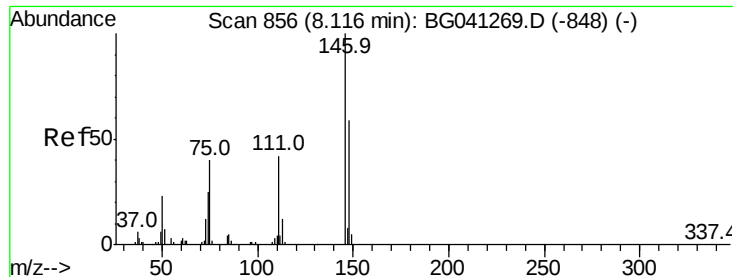
Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 116995 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.9  | 46.5  | 69.7   |
| 75        | 37.4  | 32.2  | 48.4   |





#13

1,4-Dichlorobenzene

Concen: 37.139 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

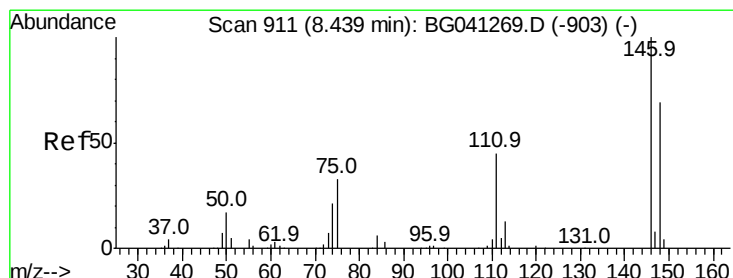
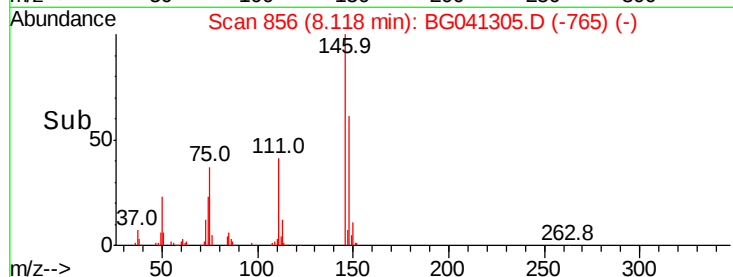
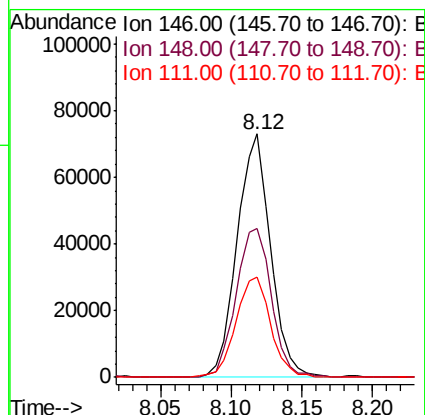
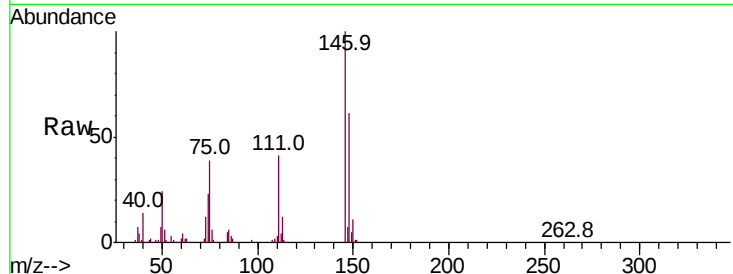
ClientSampleId :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 121378 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.0  | 47.3  | 70.9   |
| 111       | 40.9  | 33.4  | 50.0   |

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#14

1,2-Dichlorobenzene

Concen: 37.437 ng

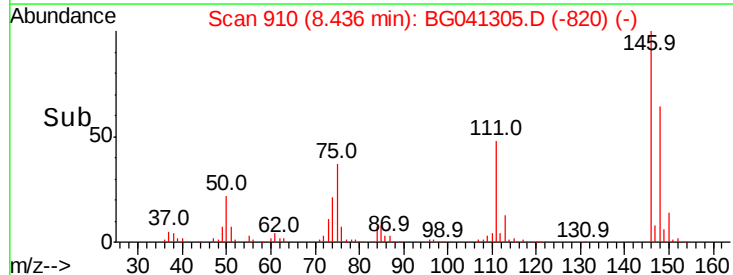
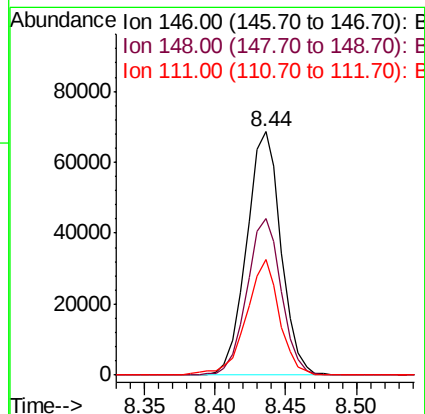
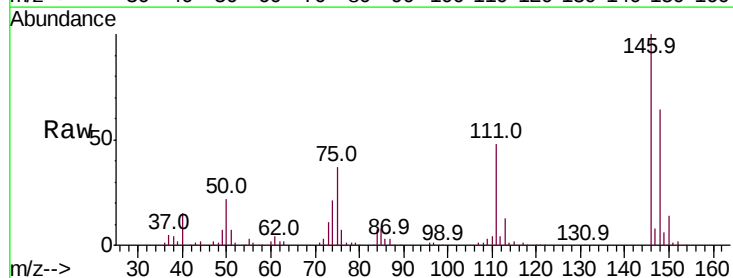
RT: 8.44 min Scan# 910

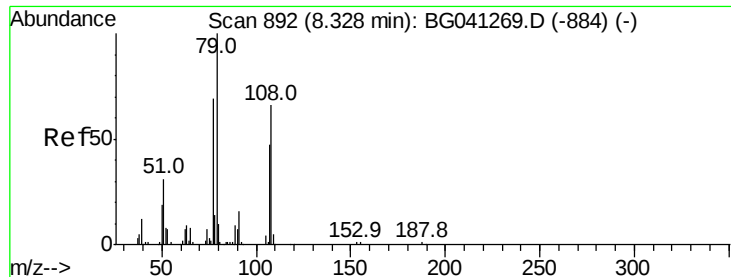
Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 116862 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.1  | 54.9  | 82.3   |
| 111       | 47.7  | 37.0  | 55.6   |





#15

Benzyl Alcohol

Concen: 39.014 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

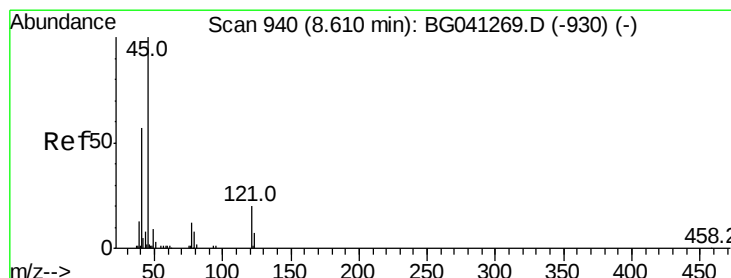
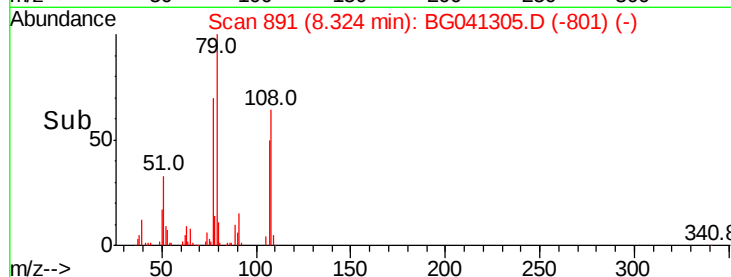
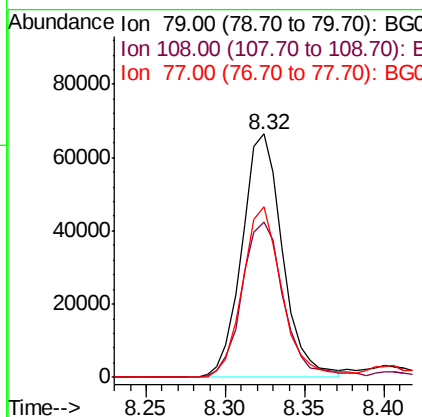
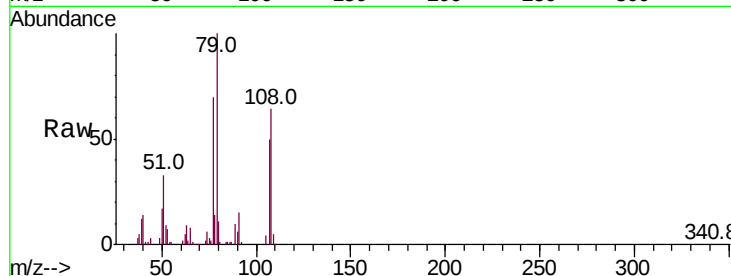
ClientSampleId :

T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 63.9  | 52.7  | 79.1  |
| 77      | 70.2  | 55.2  | 82.8  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.766 ng

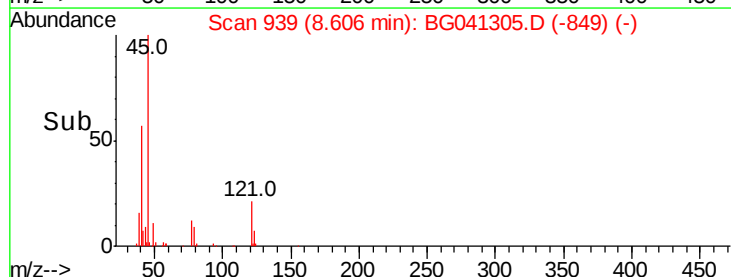
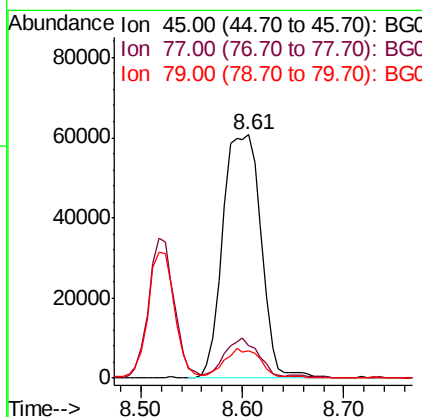
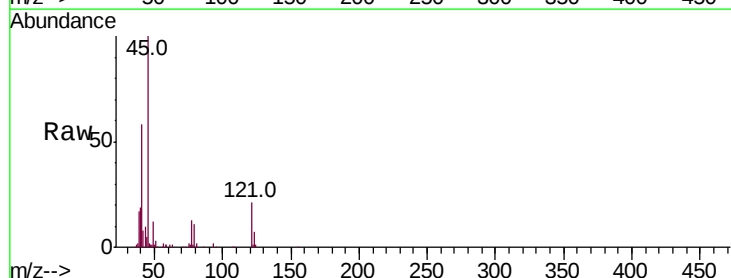
RT: 8.61 min Scan# 939

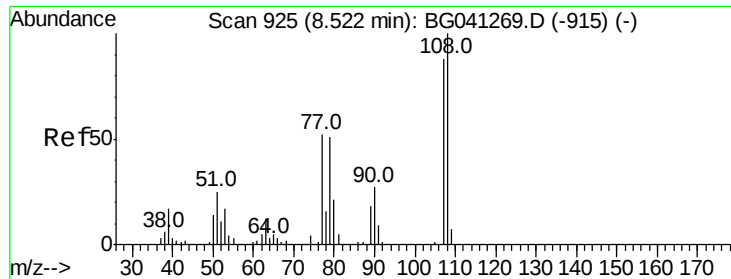
Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.4  | 0.0   | 35.2  |
| 79      | 11.1  | 0.0   | 31.6  |





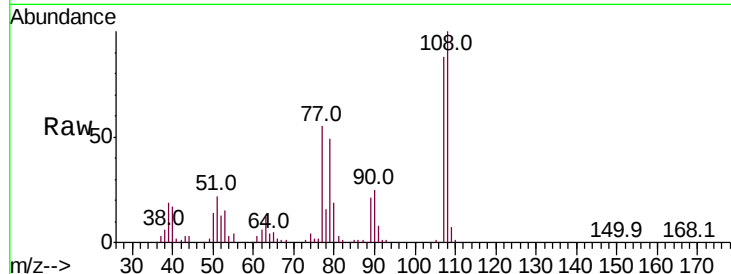
#17  
2-Methylphenol  
Concen: 40.836 ng  
RT: 8.52 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 98963 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 114.2 | 91.7  | 137.5 |
| 77       | 62.9  | 47.8  | 71.8  |
| 79       | 56.5  | 46.8  | 70.2  |

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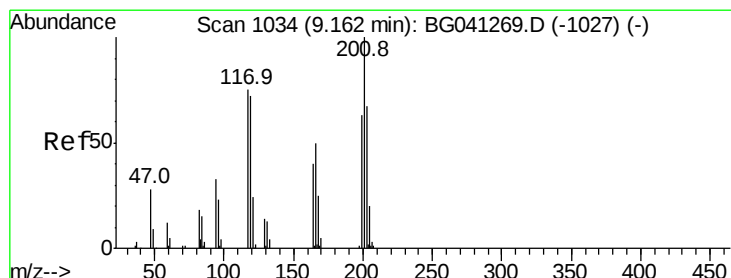
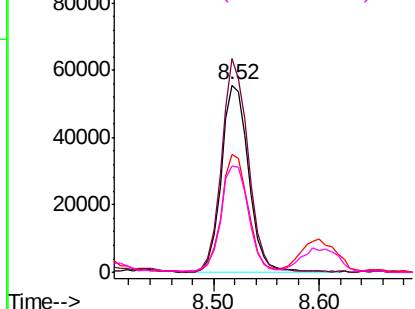
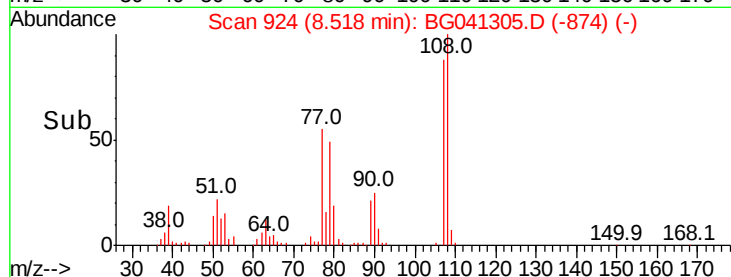
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

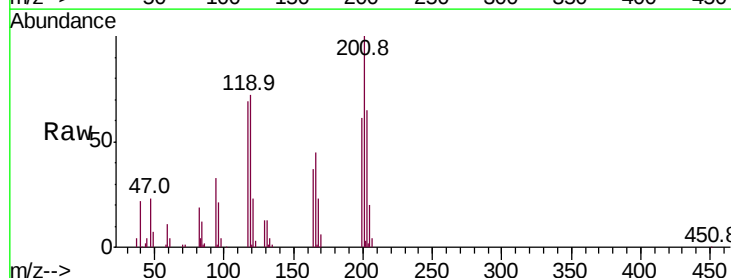
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18  
Hexachloroethane  
Concen: 35.460 ng  
RT: 9.16 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 45924 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 104.4 | 76.8  | 115.2 |
| 201      | 144.6 | 106.3 | 159.5 |

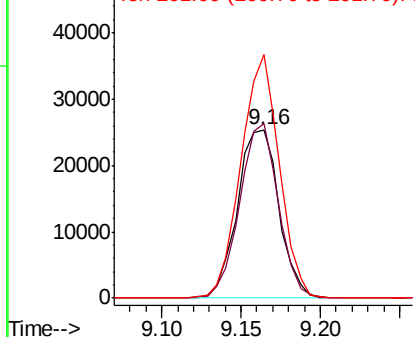
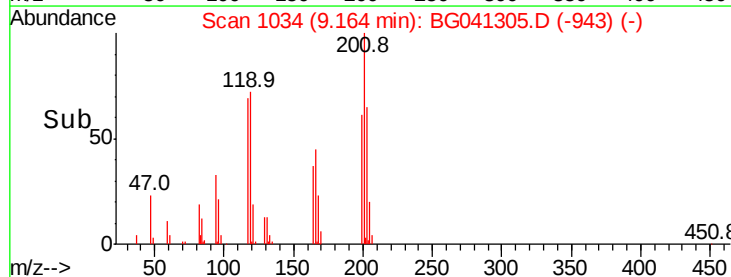


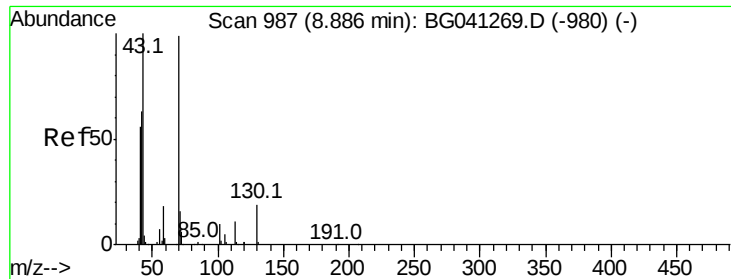
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





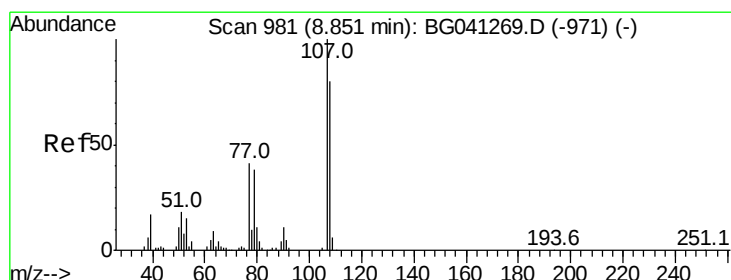
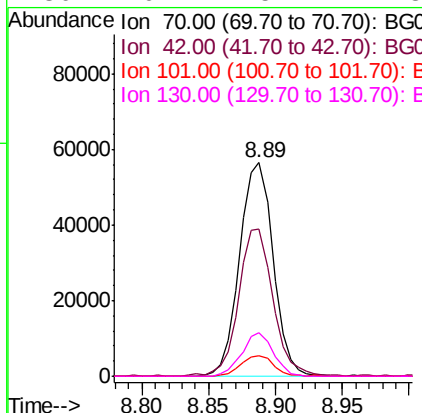
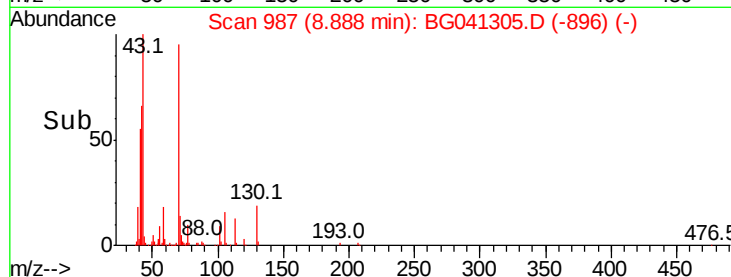
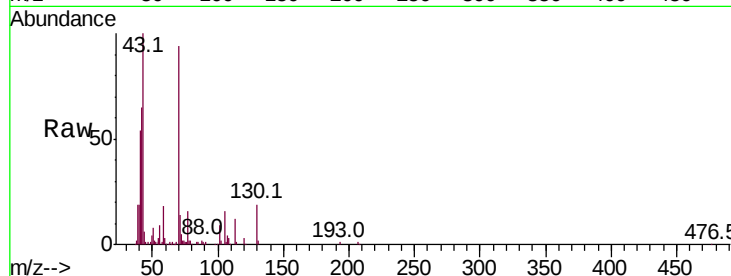
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.551 ng  
RT: 8.89 min Scan# 987  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 69.1 | 51.4  | 77.2  |       |
| 101     | 9.5  | 8.2   | 12.2  |       |
| 130     | 20.2 | 15.2  | 22.8  |       |

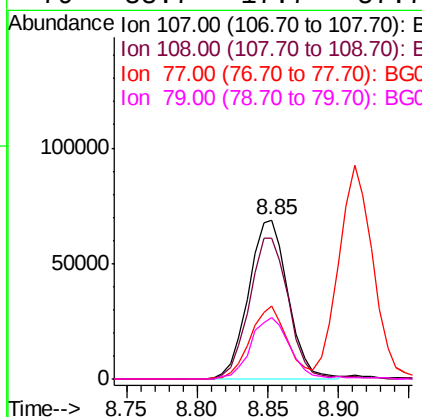
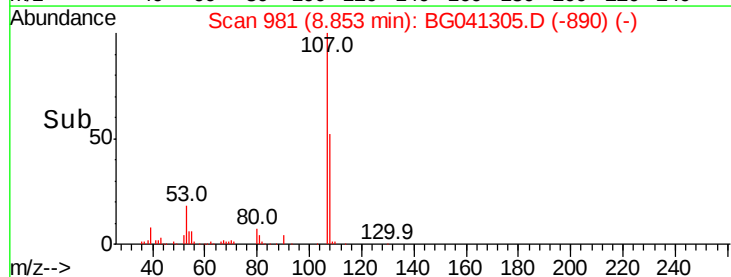
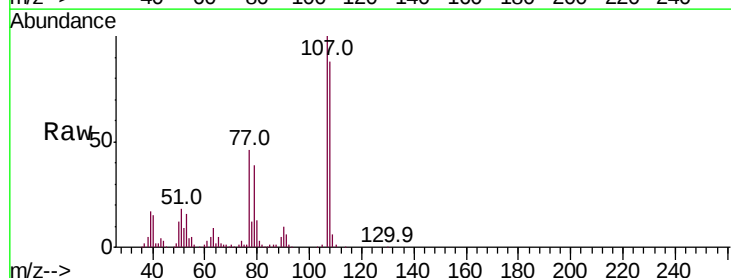
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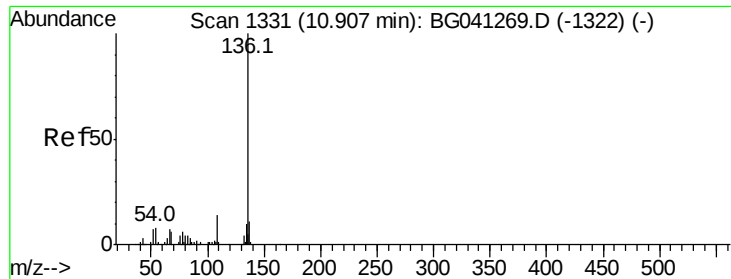
mohammad  
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#20  
3+4-Methylphenols  
Concen: 41.895 ng  
RT: 8.85 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.4 | 60.4  | 100.4 |       |
| 77      | 45.5 | 21.2  | 61.2  |       |
| 79      | 38.7 | 17.7  | 57.7  |       |





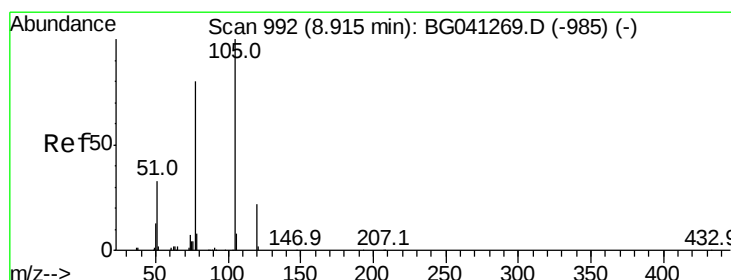
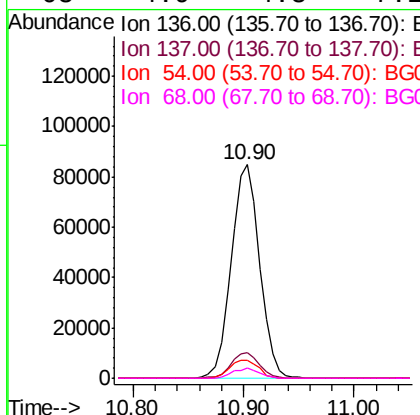
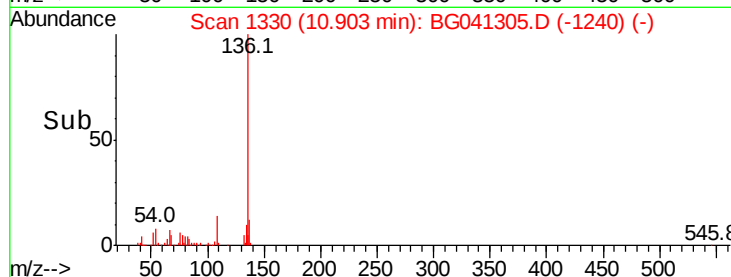
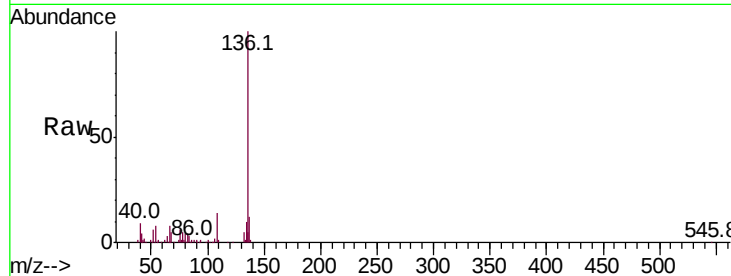
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 152388 |       |       |
| 137     | 11.8  |        | 8.8   | 13.2  |
| 54      | 8.4   |        | 6.4   | 9.6   |
| 68      | 4.9   |        | 4.8   | 7.2   |

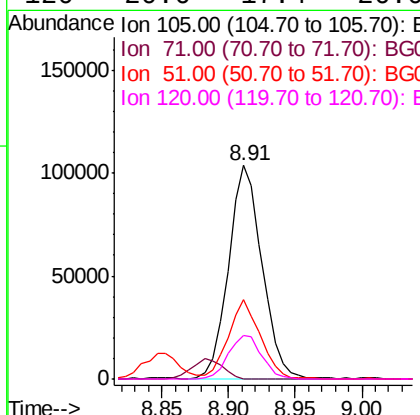
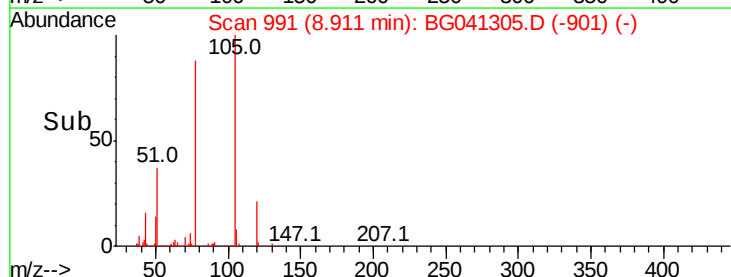
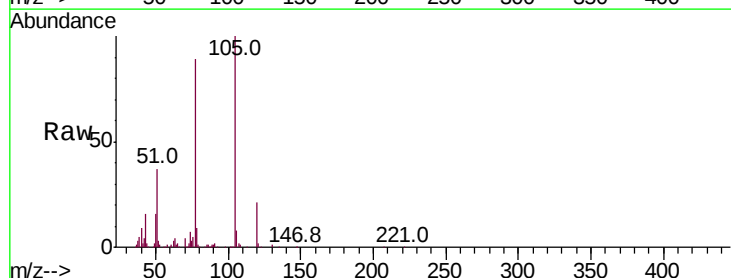
Manual Integrations  
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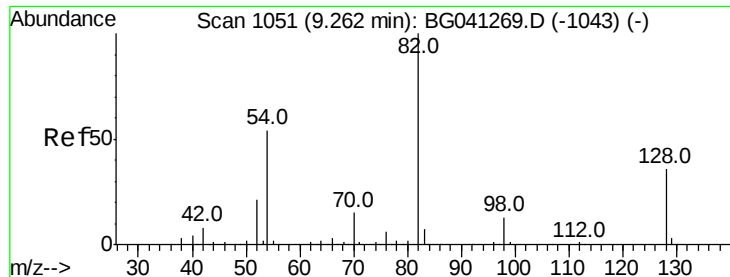
mohammad  
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#22  
Acetophenone  
Concen: 40.505 ng  
RT: 8.91 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 179621 |       |       |
| 71      | 0.3   |        | 0.4   | 0.6#  |
| 51      | 37.1  |        | 28.2  | 42.4  |
| 120     | 20.6  |        | 17.4  | 26.0  |





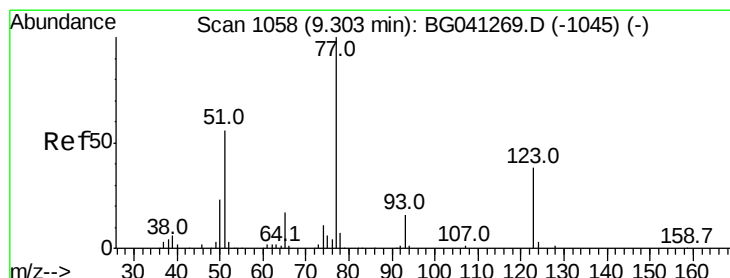
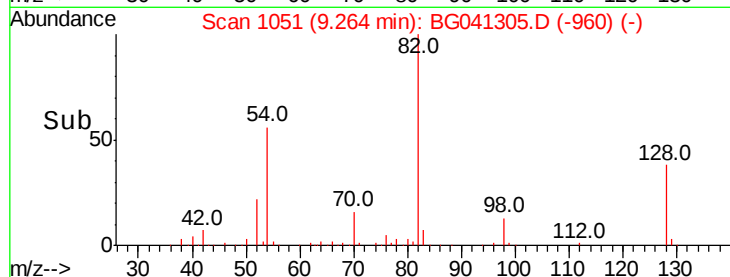
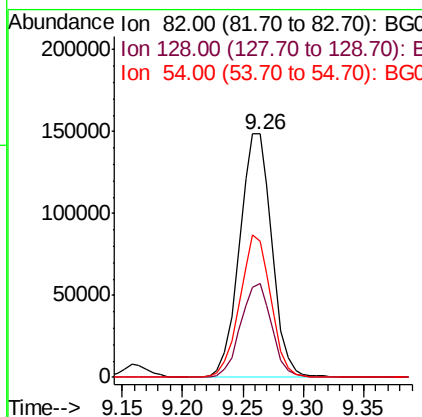
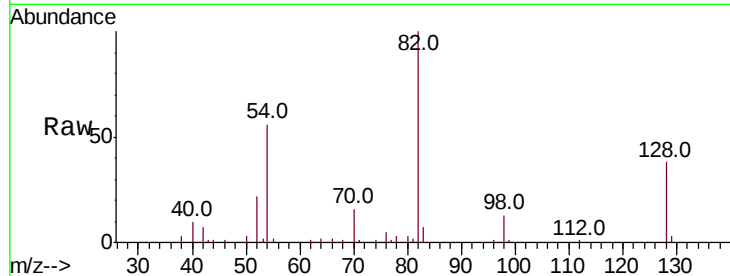
#23  
Nitrobenzene-d5  
Concen: 76.557 ng  
RT: 9.26 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 277399 |       |       |
| 128     | 38.4  | 29.2   | 43.8  |       |
| 54      | 55.7  | 43.4   | 65.0  |       |

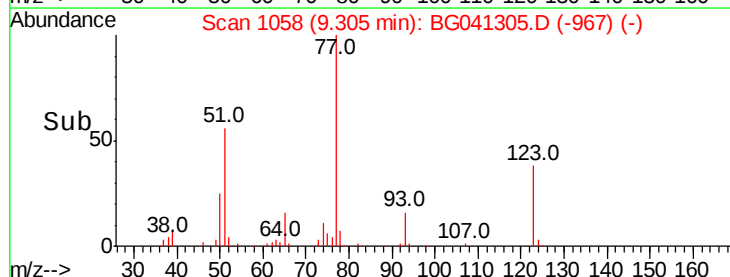
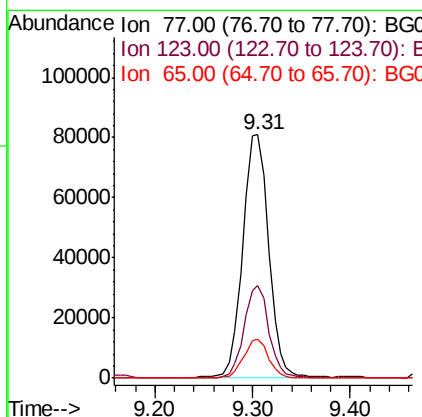
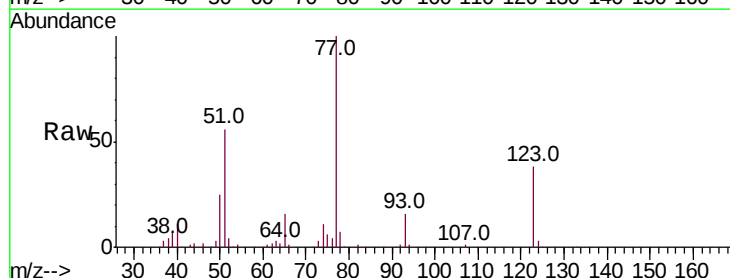
Manual Integrations  
APPROVED

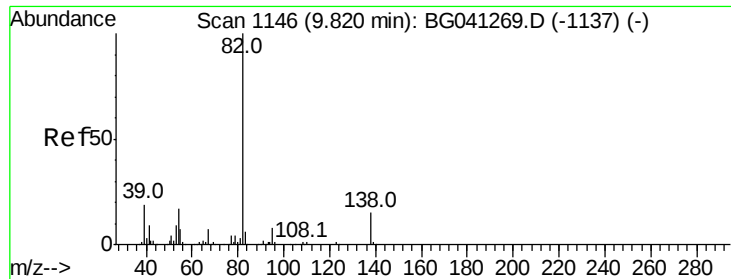
mohammad  
6/21/2019 9:56:54 PM



#24  
Nitrobenzene  
Concen: 41.354 ng  
RT: 9.31 min Scan# 1058  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 150703 |       |       |
| 123     | 38.2  | 30.4   | 45.6  |       |
| 65      | 16.1  | 13.3   | 19.9  |       |





#25

Isophorone

Concen: 40.632 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

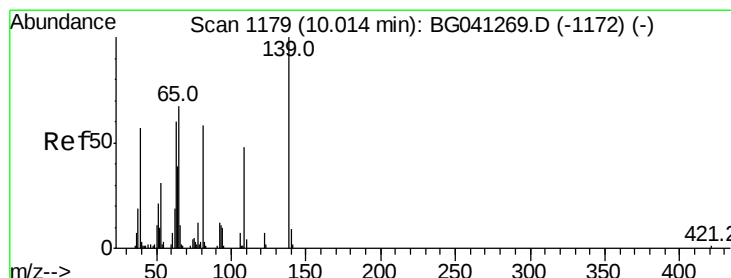
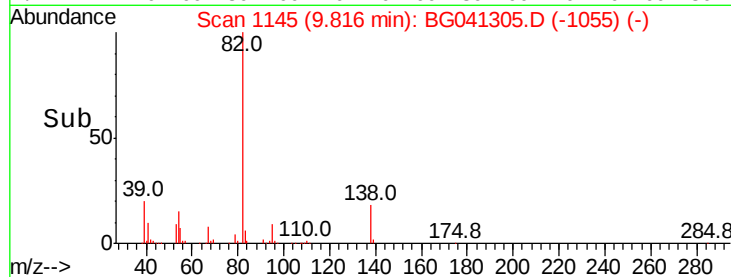
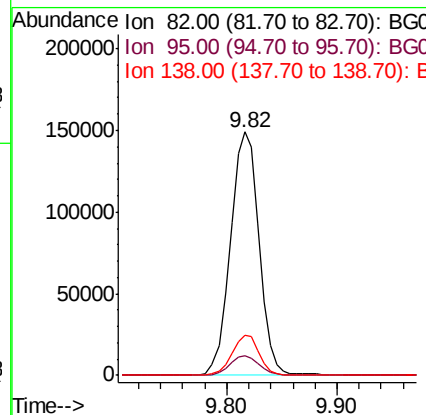
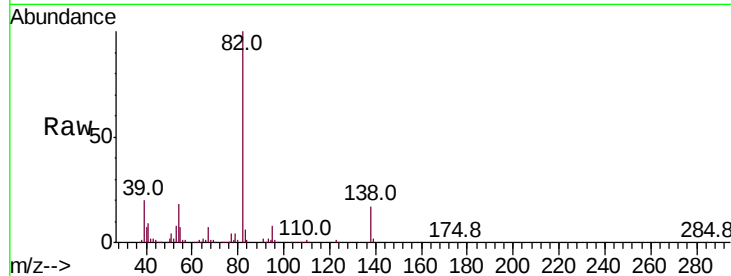
ClientSampleId :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 270106 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.2   | 6.6   | 10.0   |
| 138       | 16.6  | 12.3  | 18.5   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 43.082 ng

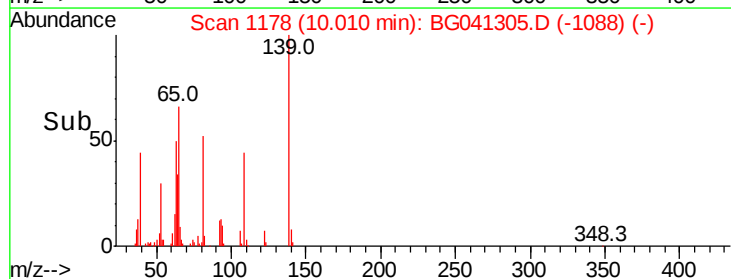
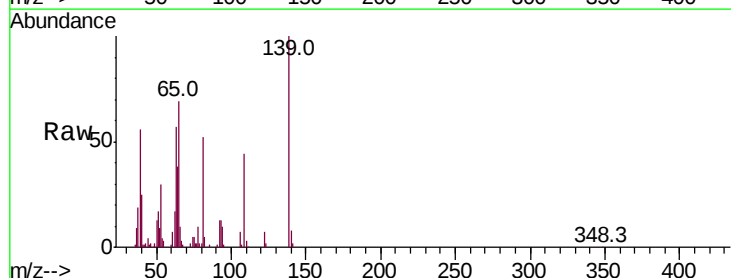
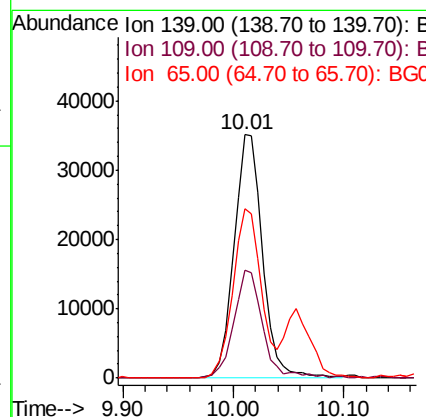
RT: 10.01 min Scan# 1178

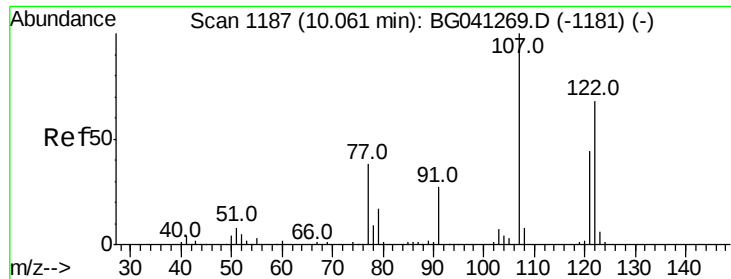
Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 63650 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 44.2  | 38.4  | 57.6  |
| 65        | 69.4  | 53.6  | 80.4  |





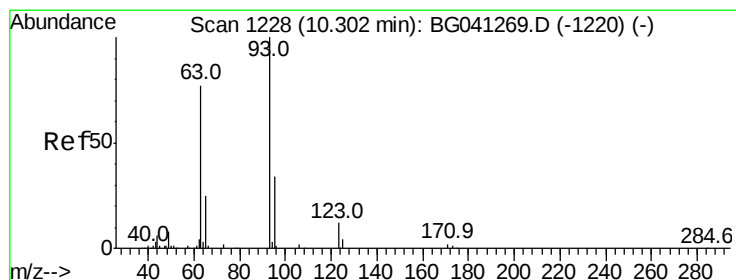
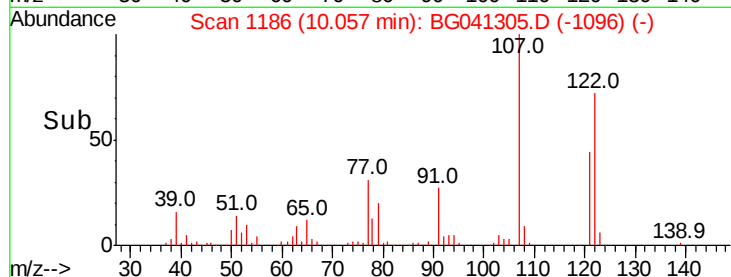
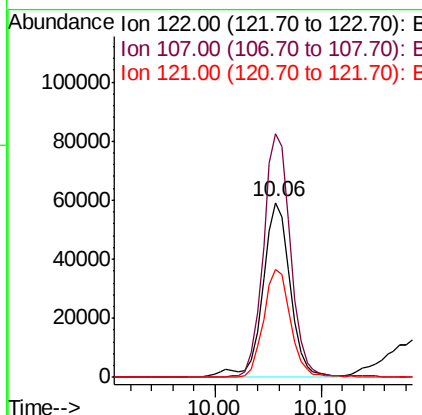
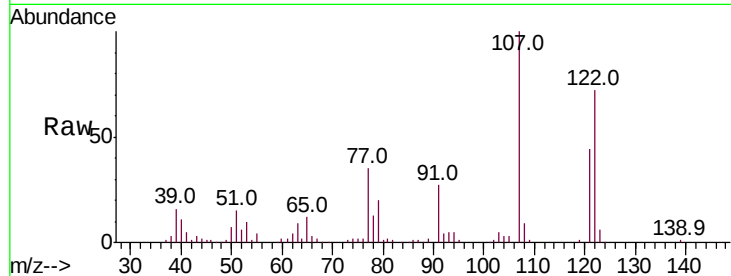
#27  
2,4-Dimethylphenol  
Concen: 48.187 ng  
RT: 10.06 min Scan# 1186  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 139.3 | 115.1 | 172.7 |
| 121     | 61.9  | 50.1  | 75.1  |

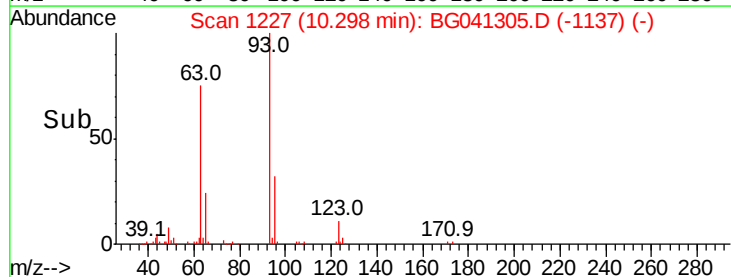
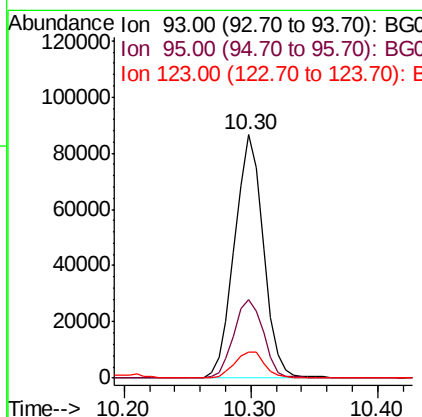
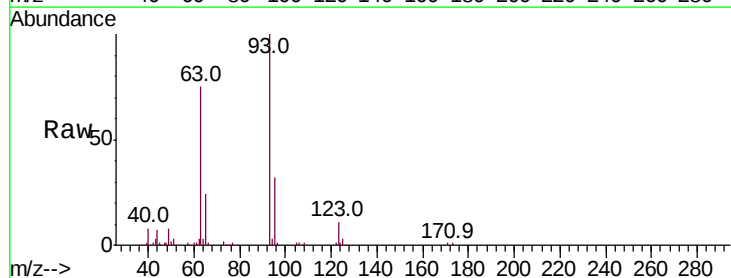
Manual Integrations  
APPROVED

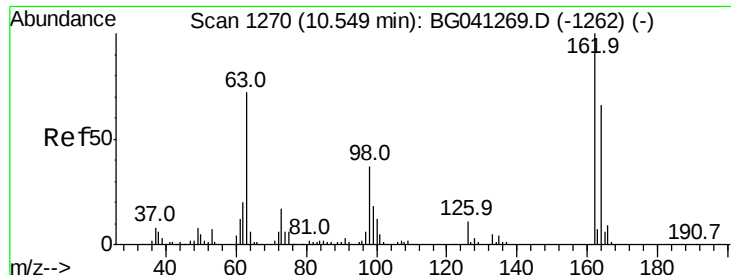
mohammad  
6/21/2019 9:56:54 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.423 ng  
RT: 10.30 min Scan# 1227  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 27.3  | 40.9  |
| 123     | 10.9  | 9.6   | 14.4  |





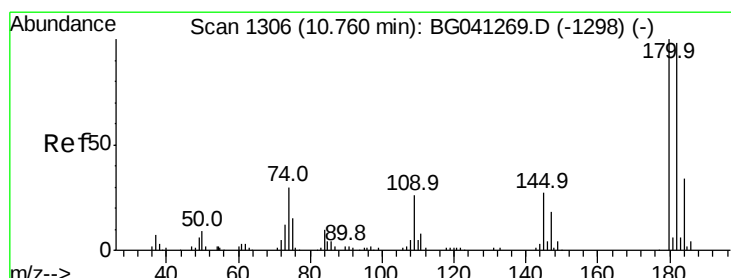
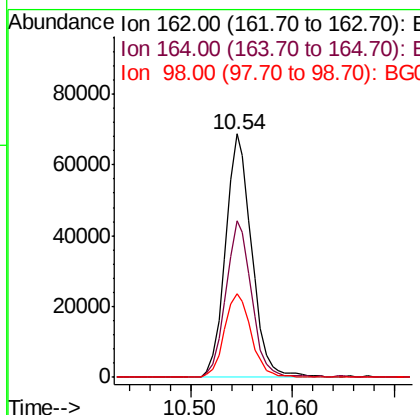
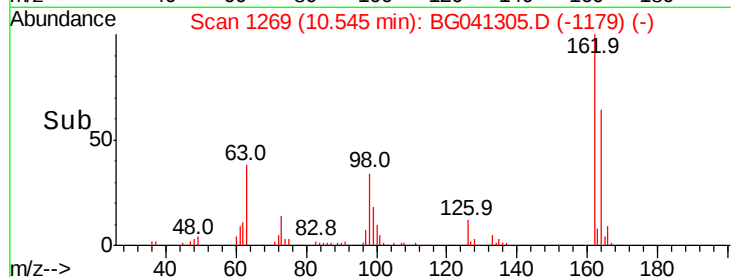
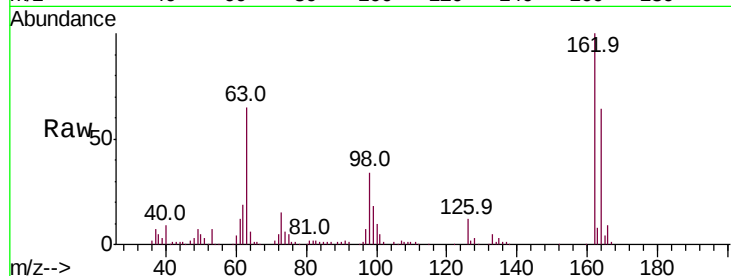
#29  
 2,4-Dichlorophenol  
 Concen: 44.712 ng  
 RT: 10.54 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 122777 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.2  | 46.0  | 86.0   |
| 98        | 34.2  | 17.4  | 57.4   |

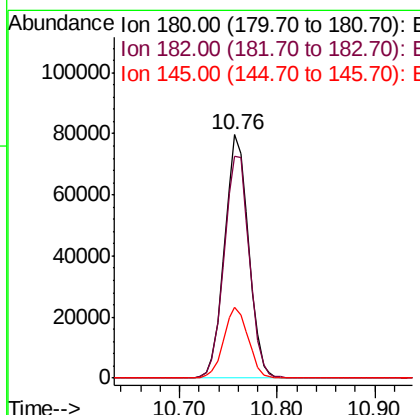
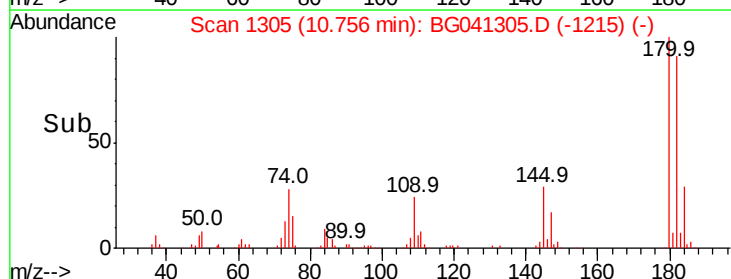
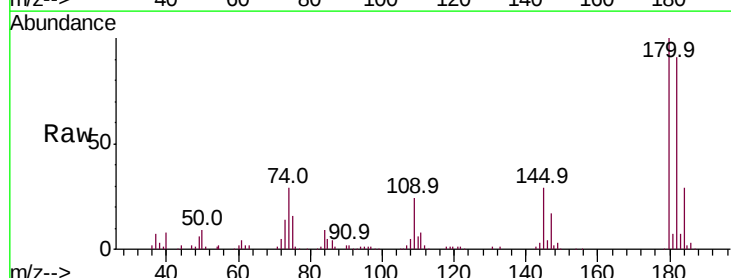
Manual Integrations  
 APPROVED

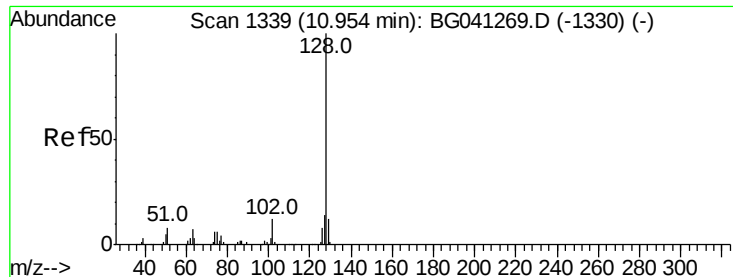
mohammad  
 6/21/2019 9:56:54 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.727 ng  
 RT: 10.76 min Scan# 1305  
 Delta R.T. -0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 136194 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 91.0  | 78.6  | 117.8  |
| 145       | 29.2  | 21.7  | 32.5   |





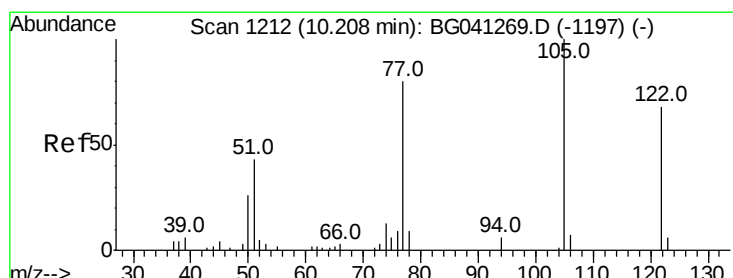
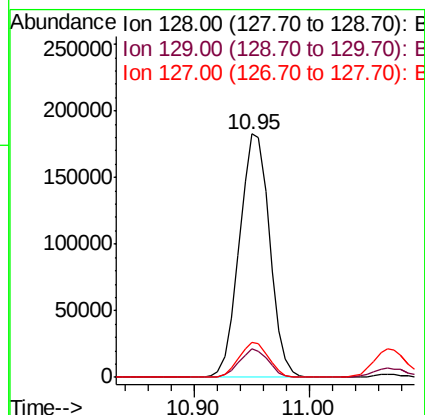
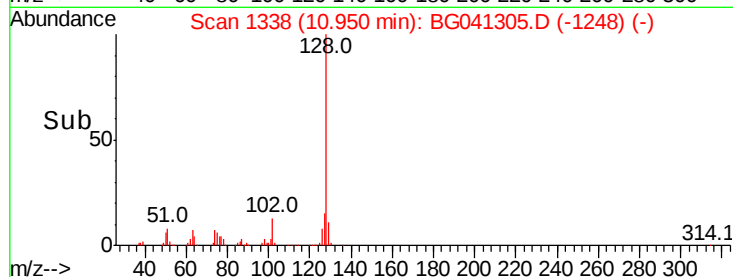
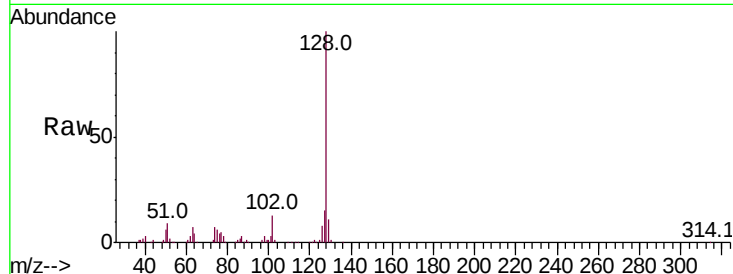
#31  
Naphthalene  
Concen: 40.122 ng  
RT: 10.95 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.4   | 14.0  |
| 127     | 14.6  | 11.2  | 16.8  |

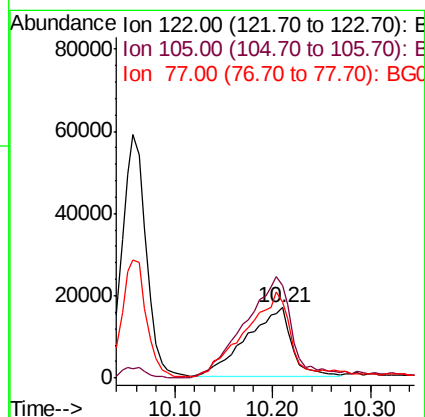
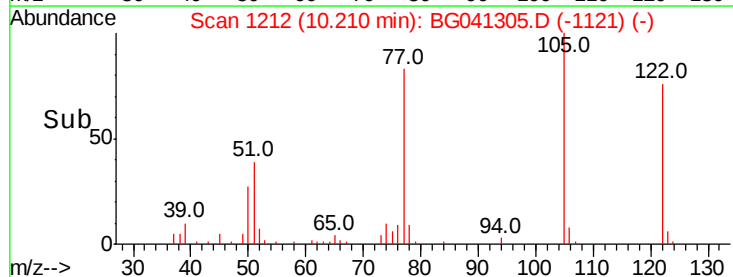
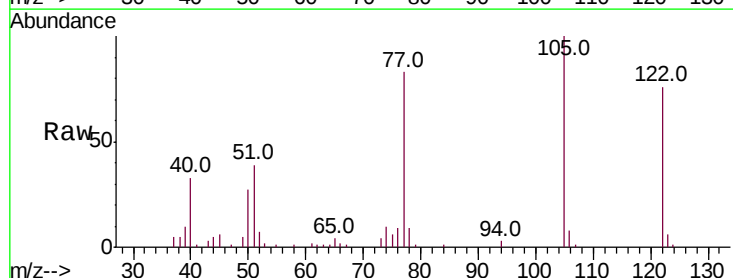
Manual Integrations  
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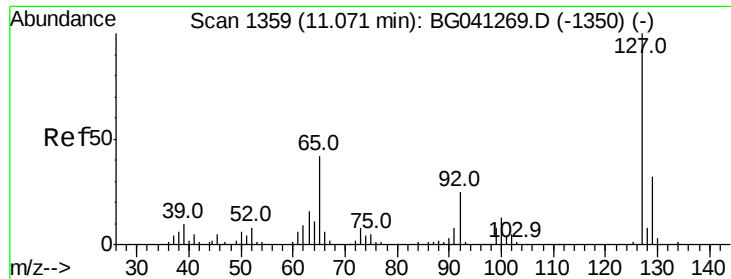
mohammad  
6/21/2019 9:56:54 PM



#32  
Benzoic acid  
Concen: 37.857 ng  
RT: 10.21 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.6 | 124.2 | 164.2 |
| 77      | 108.9 | 97.2  | 137.2 |





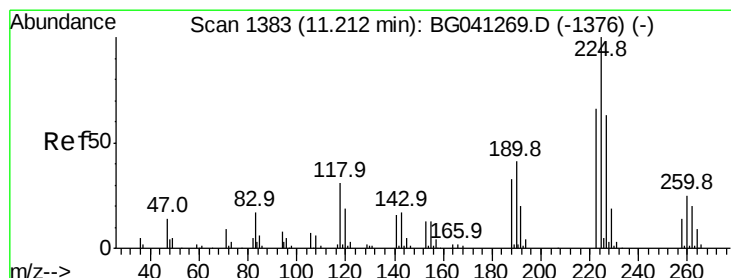
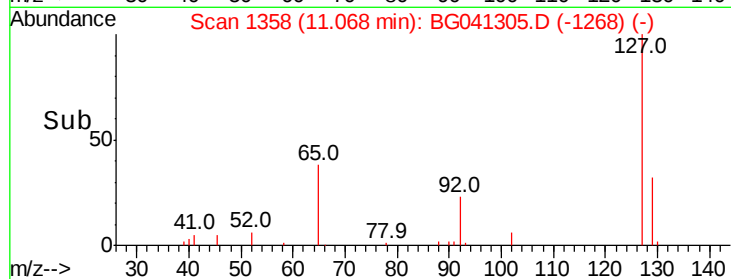
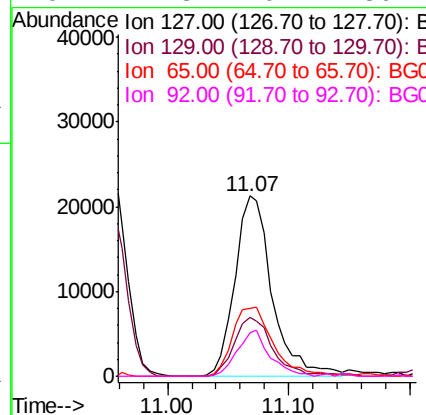
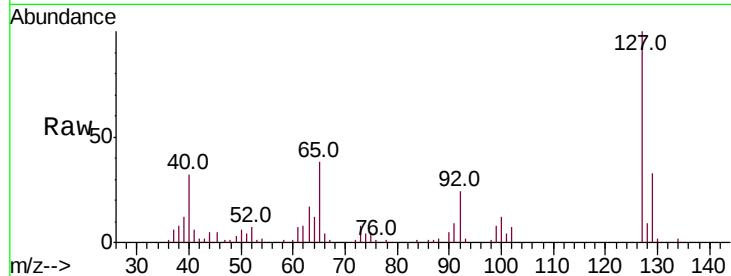
#33  
4-Chloroaniline  
Concen: 12.986 ng  
RT: 11.07 min Scan# 1358  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.7  | 25.8  | 38.8  |
| 65      | 38.0  | 33.8  | 50.8  |
| 92      | 24.3  | 20.2  | 30.4  |

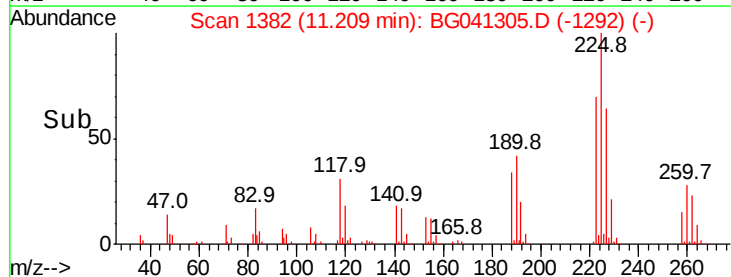
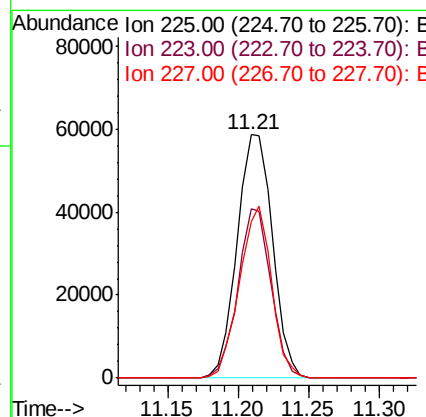
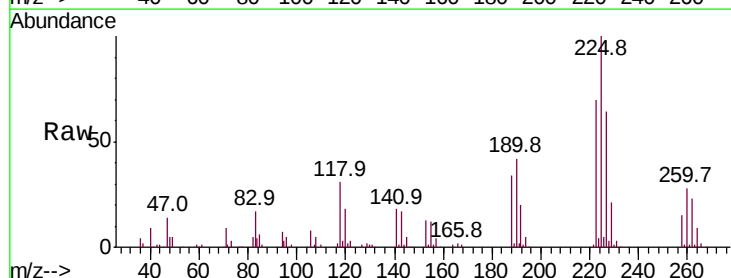
Manual Integrations  
APPROVED

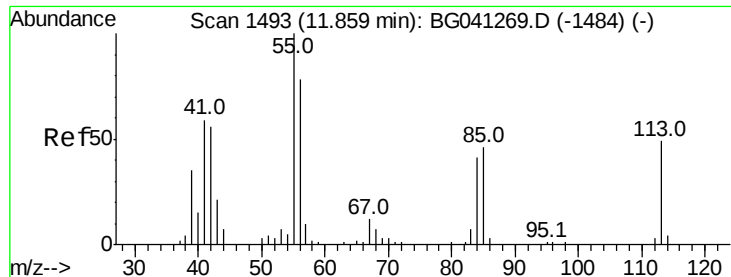
mohammad  
6/21/2019 9:56:54 PM



#34  
Hexachlorobutadiene  
Concen: 36.940 ng  
RT: 11.21 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 69.5  | 52.5  | 78.7  |
| 227     | 67.6  | 50.2  | 75.2  |





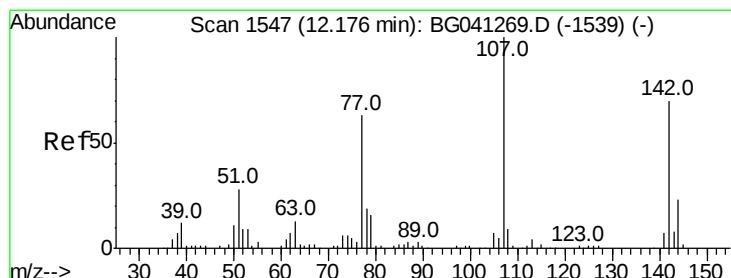
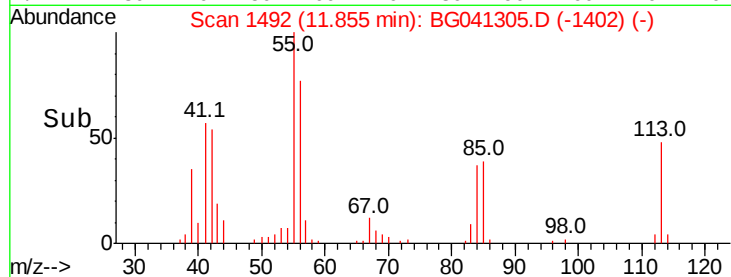
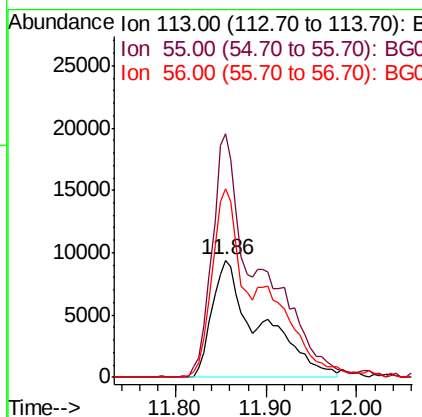
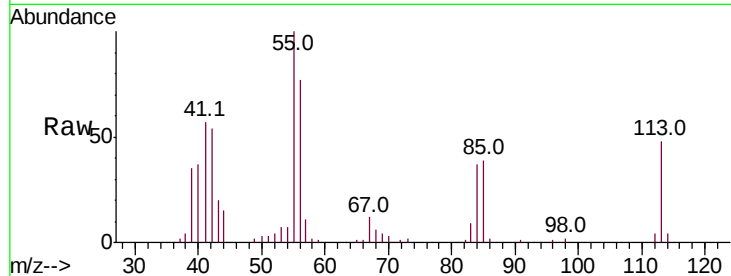
#35  
Caprolactam  
Concen: 36.833 ng/ml  
RT: 11.86 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 207.9 | 182.6 | 222.6 |
| 56      | 161.1 | 137.5 | 177.5 |

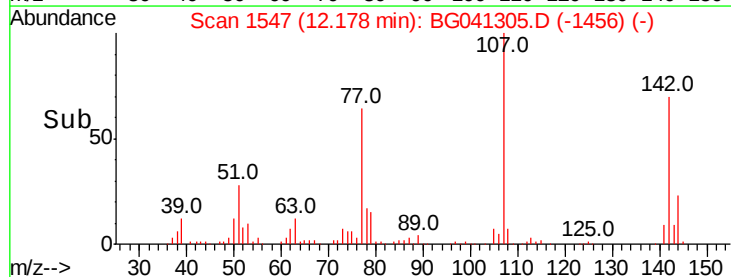
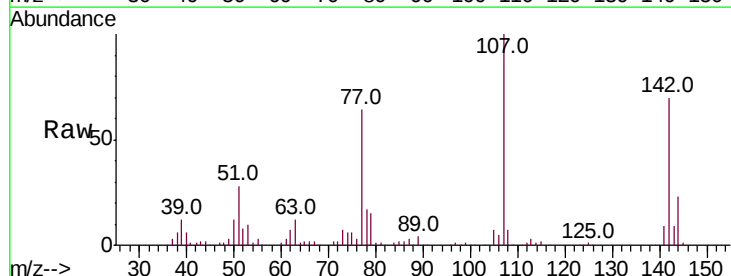
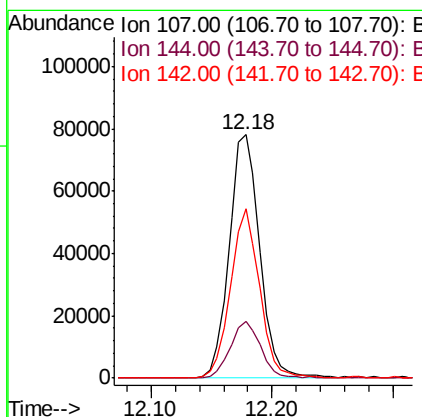
Manual Integrations  
APPROVED

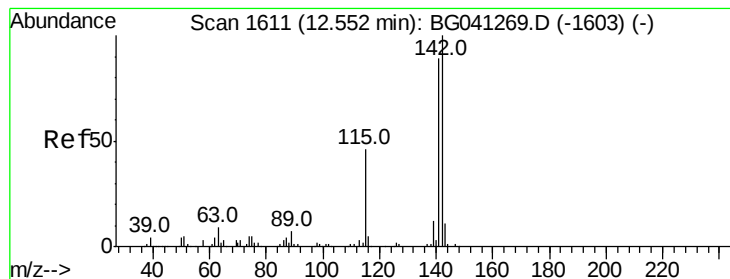
mohammad  
6/21/2019 9:56:54 PM



#36  
4-Chloro-3-methylphenol  
Concen: 43.423 ng  
RT: 12.18 min Scan# 1547  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.0  | 18.5  | 27.7  |
| 142     | 69.6  | 56.3  | 84.5  |





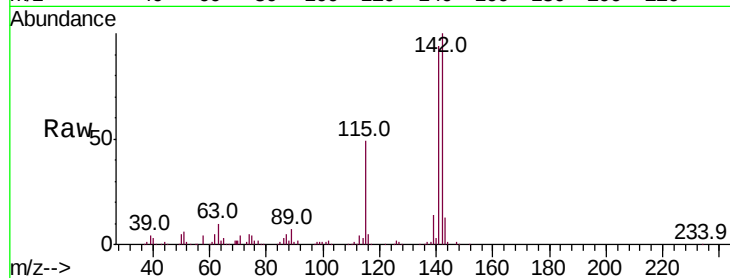
#37  
2-Methylnaphthalene  
Concen: 40.276 ng  
RT: 12.55 min Scan# 1610  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 245678 |       |       |
| 141     | 93.8  | 71.5   | 107.3 |       |
| 115     | 49.2  | 37.0   | 55.6  |       |

Manual Integrations  
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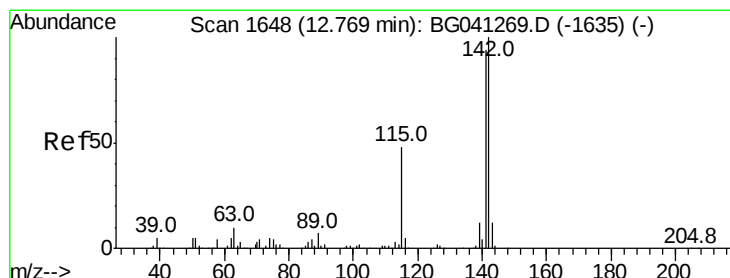
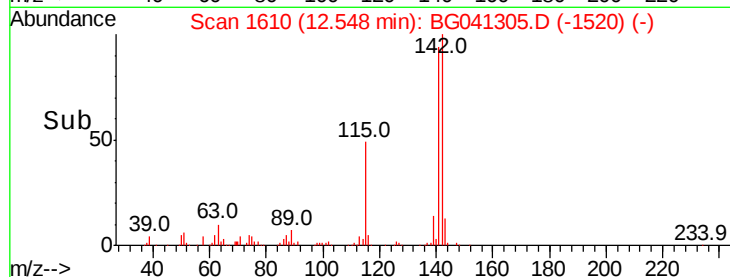
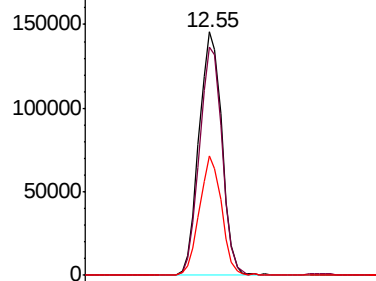


Abundance

Ion 142.00 (141.70 to 142.70): E

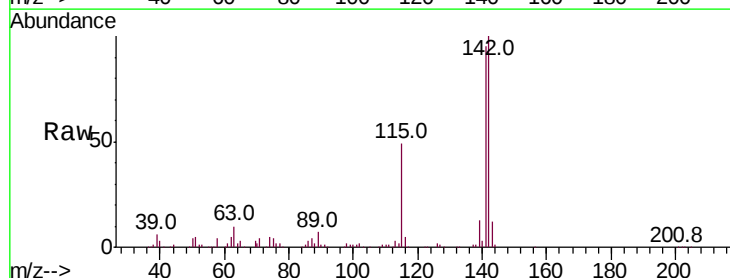
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 40.554 ng  
RT: 12.77 min Scan# 1647  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 236680 |       |       |
| 141     | 94.8  | 75.0   | 112.6 |       |
| 116     | 4.9   | 4.2    | 6.2   |       |

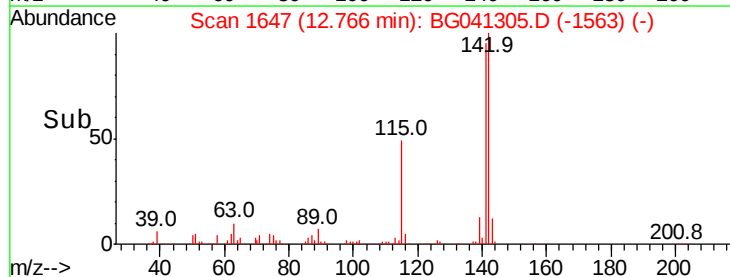
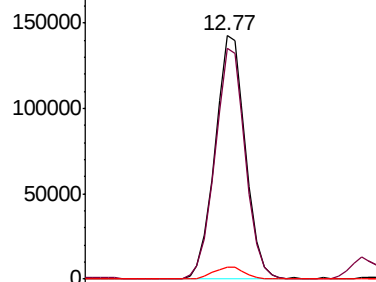


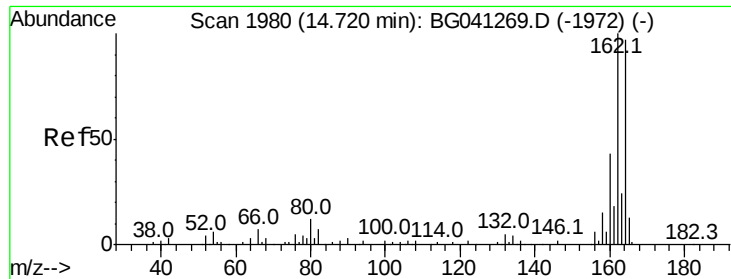
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





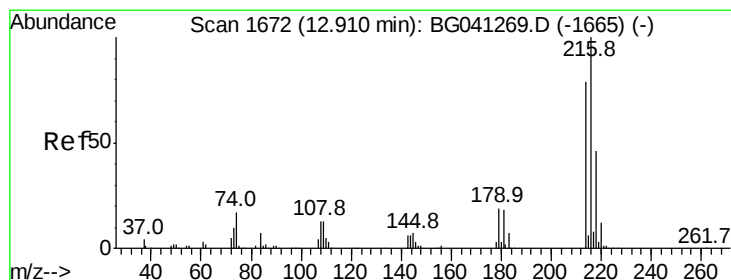
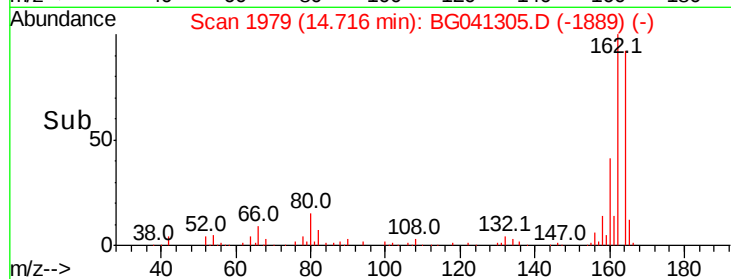
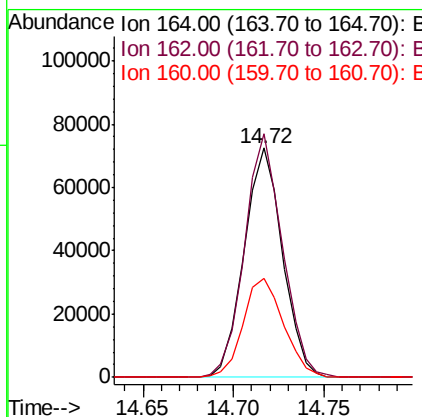
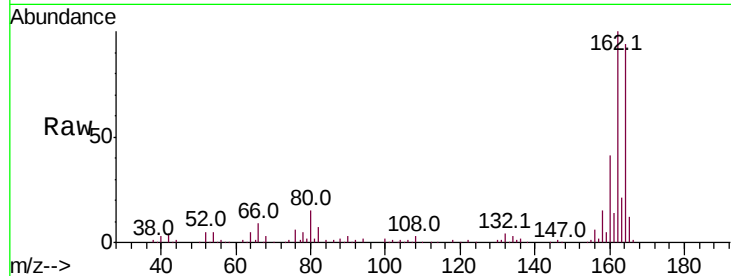
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.72 min Scan# 1979  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.2 | 82.8  | 124.2 |
| 160     | 43.1  | 35.8  | 53.8  |

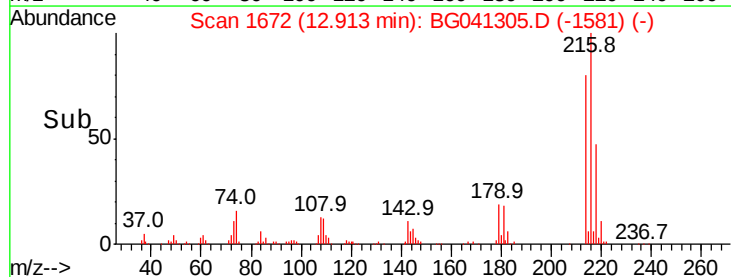
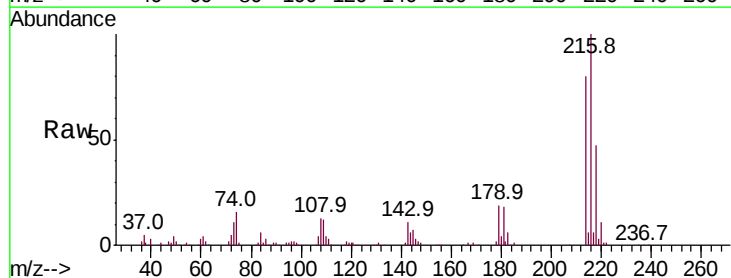
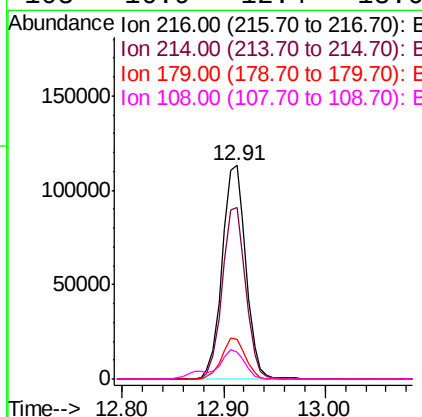
Manual Integrations  
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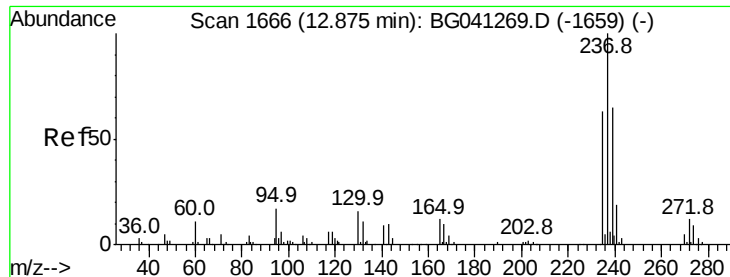
mohammad  
6/21/2019 9:56:54 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.677 ng  
RT: 12.91 min Scan# 1672  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.4  | 62.8  | 94.2  |
| 179     | 19.1  | 15.2  | 22.8  |
| 108     | 16.9  | 12.4  | 18.6  |





#41

Hexachlorocyclopentadiene

Concen: 65.603 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

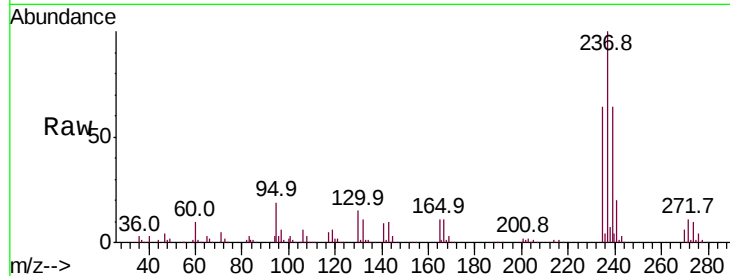
ClientSampled :

T-1MS

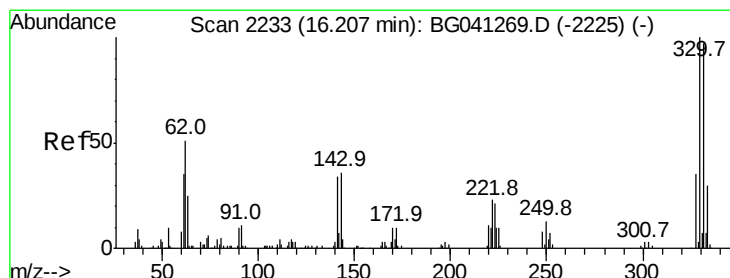
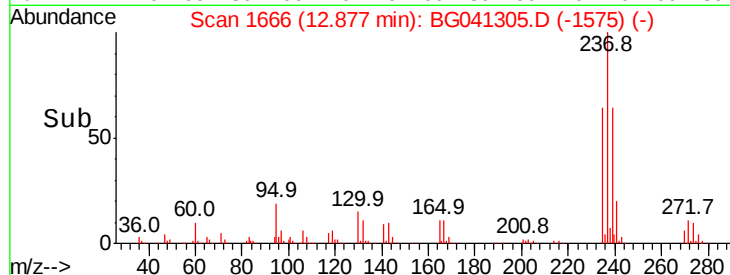
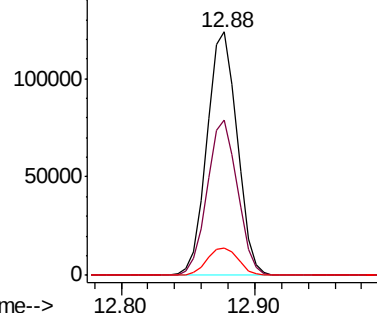
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 237  | Resp: | 194290 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 63.9 | 42.9  | 82.9   |
| 272       | 11.2 | 0.0   | 32.0   |

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



#42

2,4,6-Tribromophenol

Concen: 108.302 ng

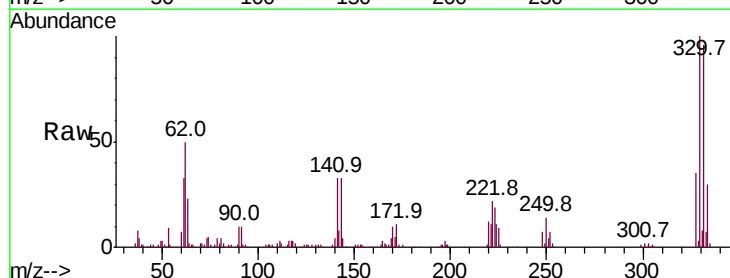
RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

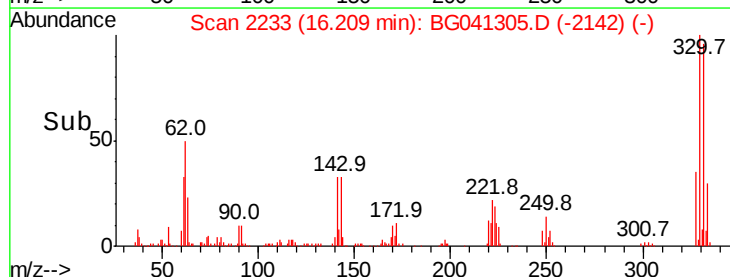
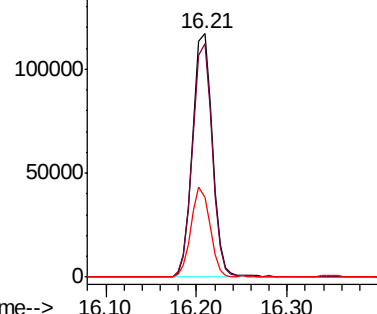
Lab File: BG041305.D

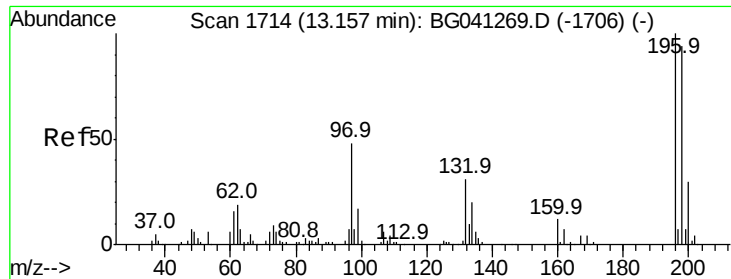
Acq: 18 Jun 2019 20:00

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 330  | Resp: | 177036 |
| Ion Ratio |      | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 95.2 | 75.5  | 113.3  |
| 141       | 35.6 | 29.0  | 43.4   |



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





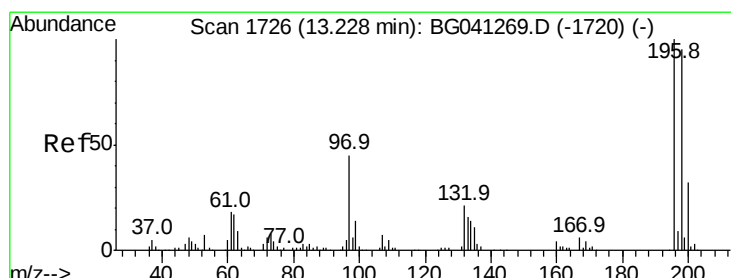
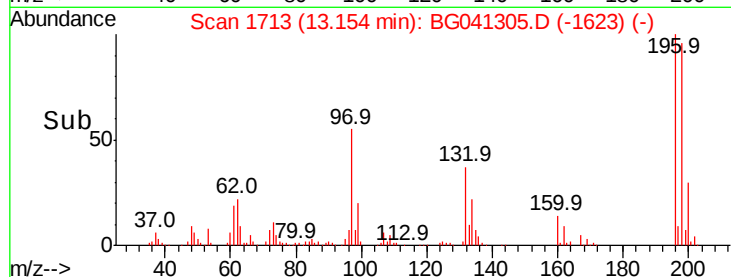
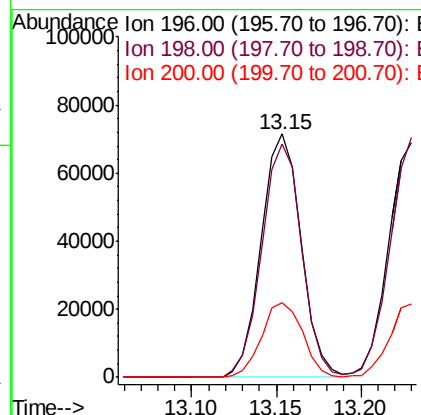
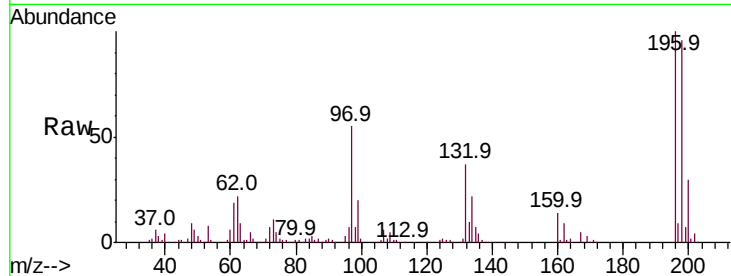
#43  
 2,4,6-Trichlorophenol  
 Concen: 43.274 ng  
 RT: 13.15 min Scan# 1713  
 Delta R.T. -0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

Instrument :  
 BNA\_G  
 ClientSampled :  
 T-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 117699 |       |       |
| 198     | 95.8  | 74.9   | 112.3 |       |
| 200     | 30.4  | 24.2   | 36.2  |       |

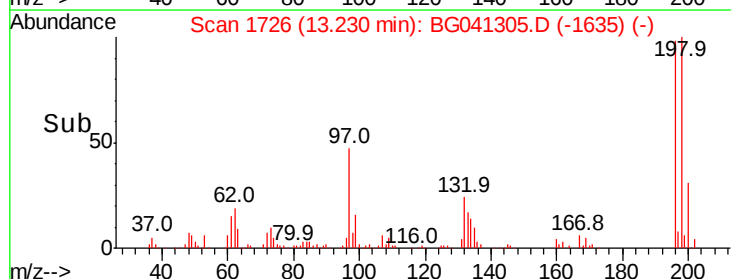
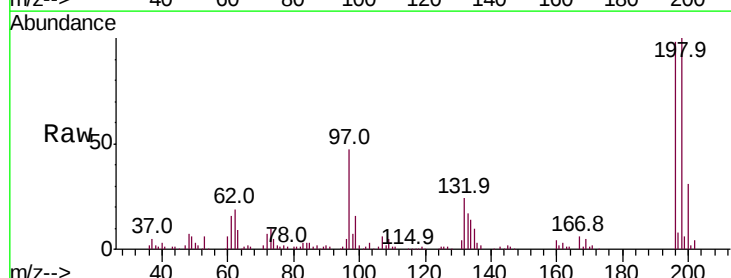
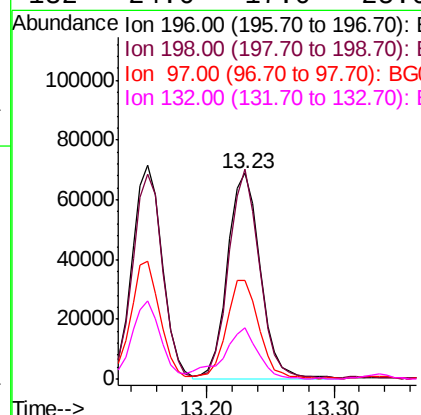
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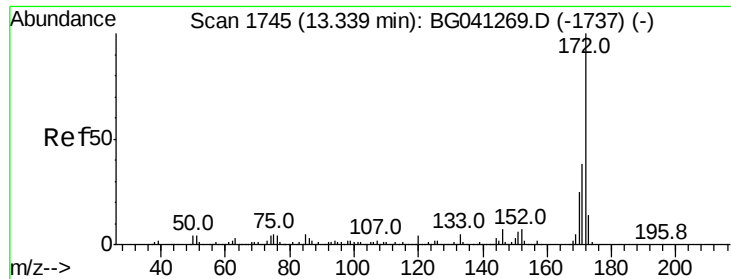
mohammad  
 6/21/2019 9:56:54 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.255 ng  
 RT: 13.23 min Scan# 1726  
 Delta R.T. 0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 123851 |       |       |
| 198     | 102.2 | 76.1   | 114.1 |       |
| 97      | 48.1  | 35.9   | 53.9  |       |
| 132     | 24.6  | 17.0   | 25.6  |       |





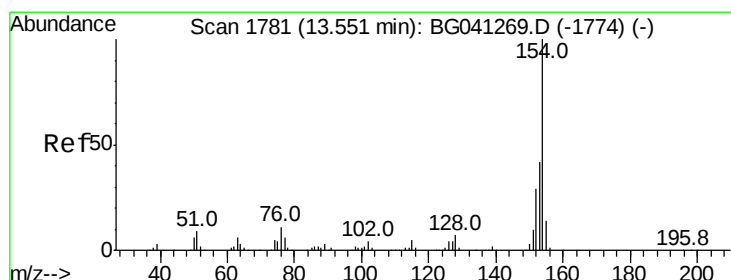
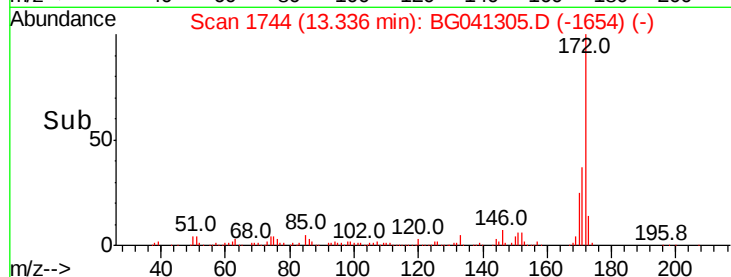
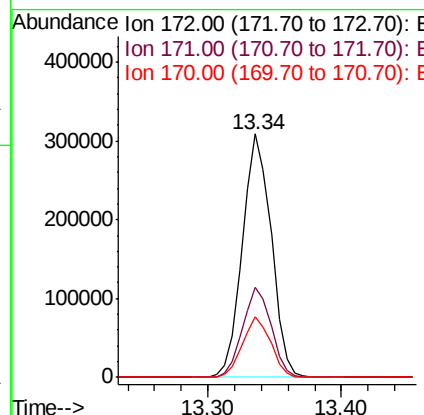
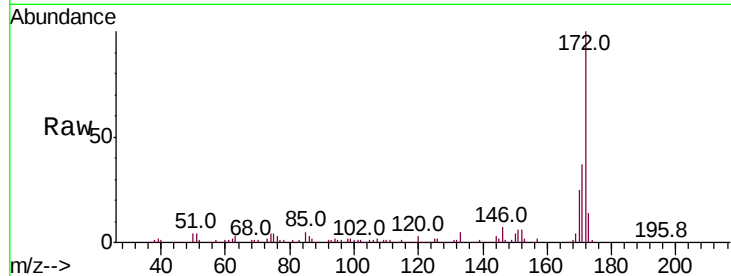
#45  
2-Fluorobiphenyl  
Concen: 58.670 ng  
RT: 13.34 min Scan# 1744  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.0  | 30.0  | 45.0  |
| 170     | 25.1  | 19.8  | 29.6  |

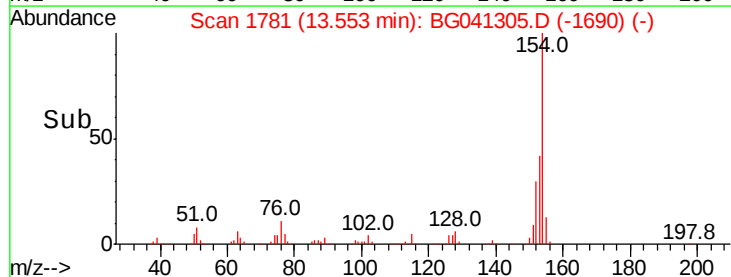
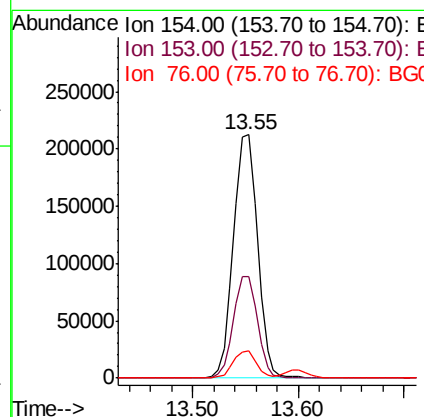
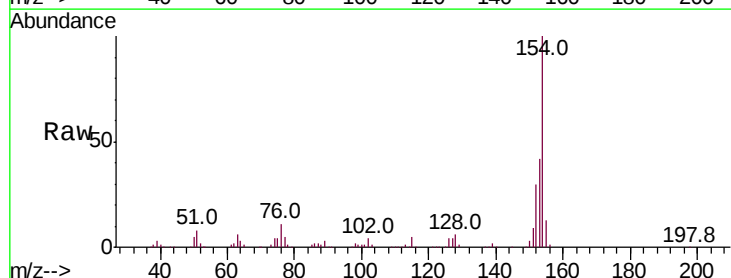
Manual Integrations  
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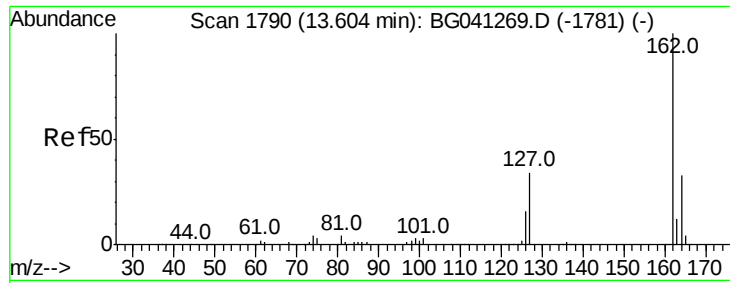
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#46  
1,1'-Biphenyl  
Concen: 41.610 ng  
RT: 13.55 min Scan# 1781  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 22.3  | 62.3  |
| 76      | 11.3  | 0.0   | 30.8  |





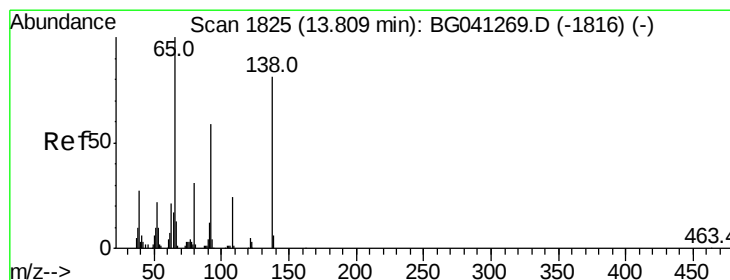
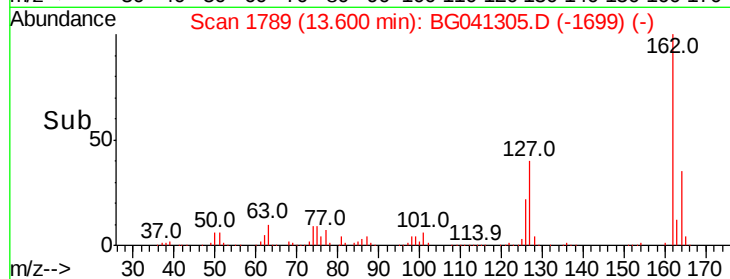
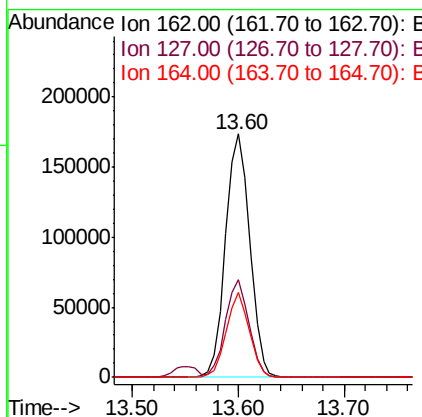
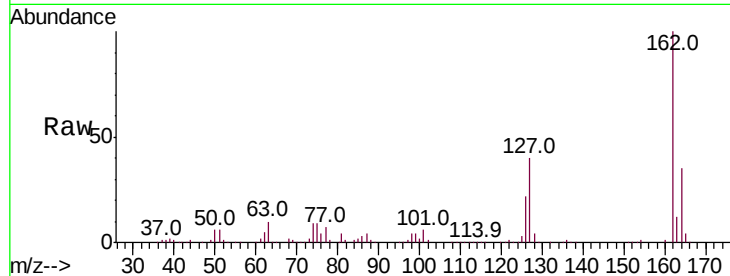
#47  
 2-Chloronaphthalene  
 Concen: 39.808 ng  
 RT: 13.60 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 275877 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.9  | 31.0  | 46.4   |
| 164       | 34.7  | 26.1  | 39.1   |

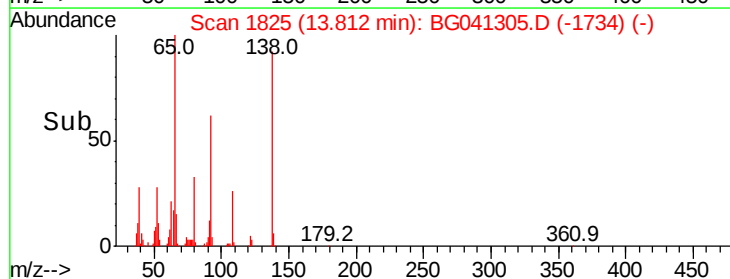
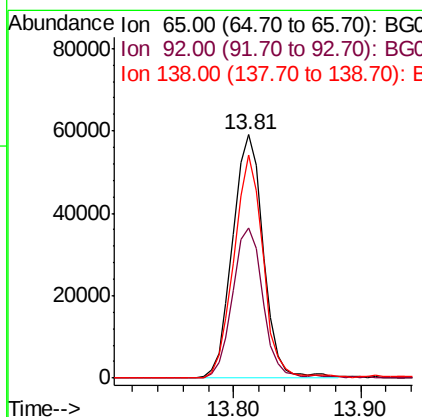
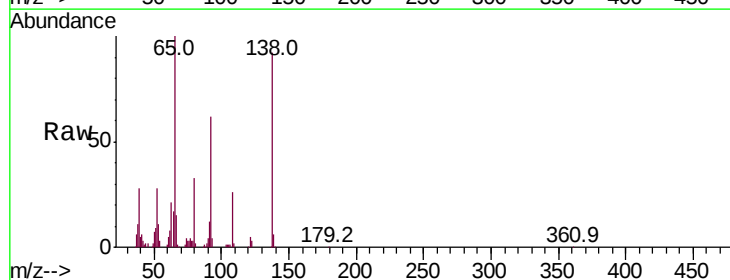
Manual Integrations  
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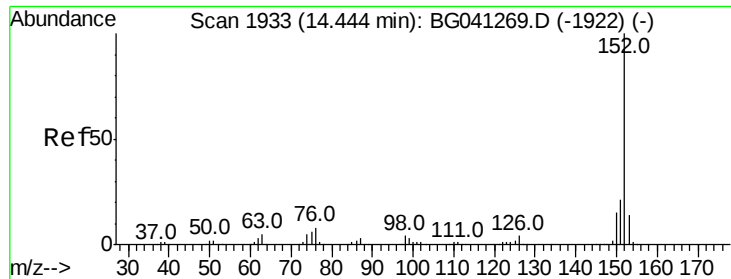
mohammad  
 6/21/2019 9:56:54 PM



#48  
 2-Nitroaniline  
 Concen: 39.115 ng  
 RT: 13.81 min Scan# 1825  
 Delta R.T. 0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 99278 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 61.8  | 47.4  | 71.2  |
| 138       | 91.8  | 64.7  | 97.1  |





#49

Acenaphthylene

Concen: 40.523 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

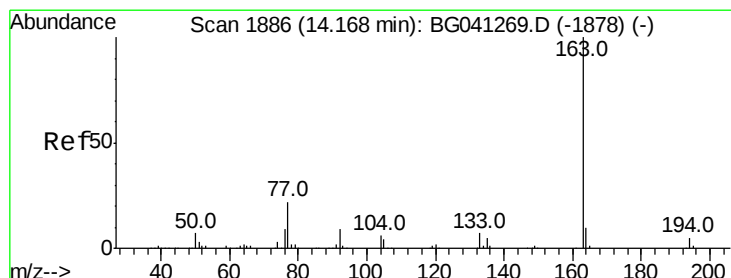
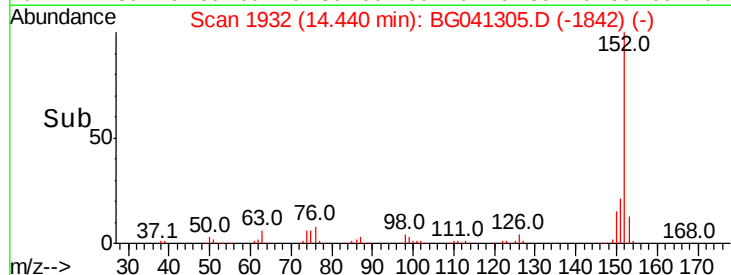
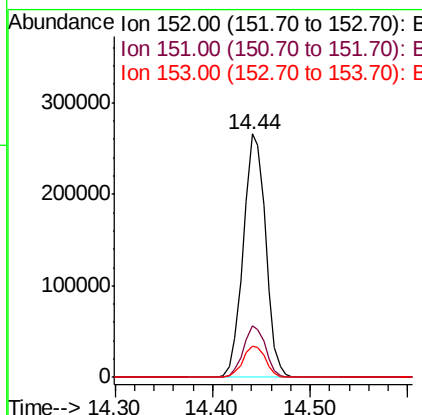
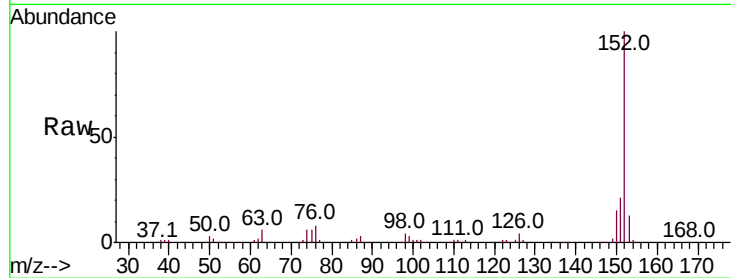
ClientSampleId :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 426157 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.3  | 16.8  | 25.2   |
| 153       | 13.0  | 10.8  | 16.2   |

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#50

Dimethylphthalate

Concen: 45.580 ng

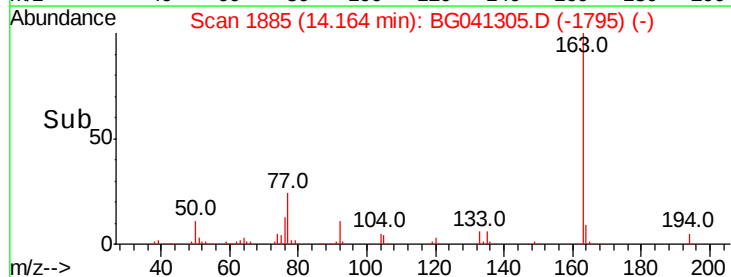
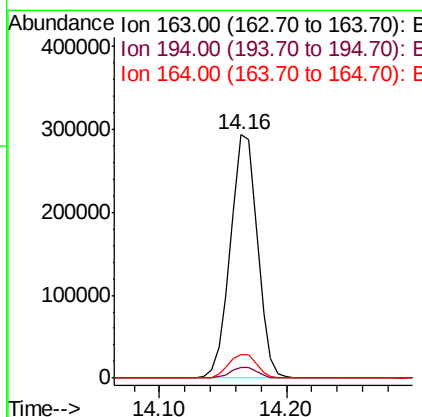
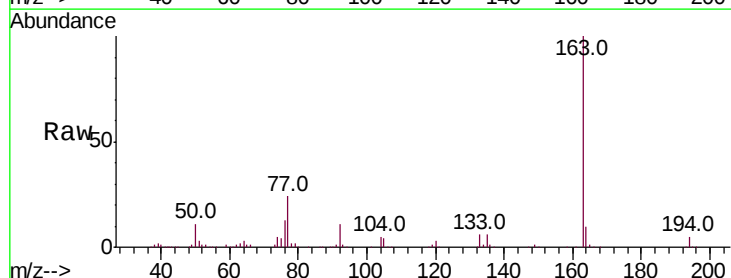
RT: 14.16 min Scan# 1885

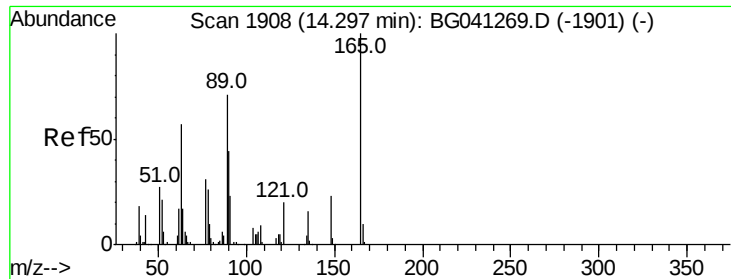
Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 431822 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.9   | 5.9    |
| 164       | 9.6   | 8.3   | 12.5   |





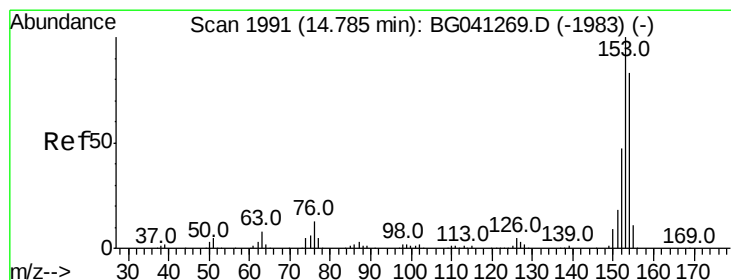
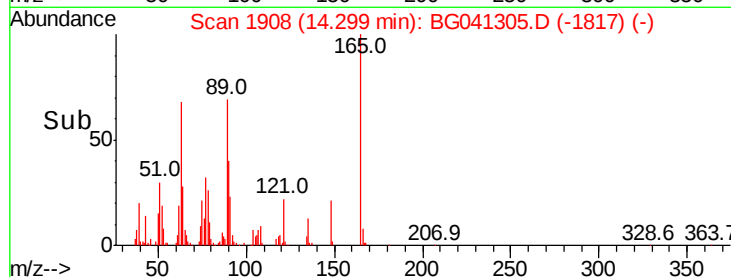
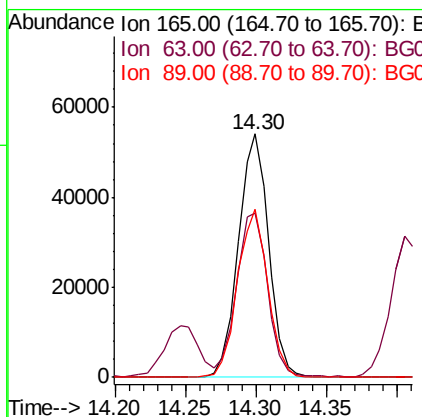
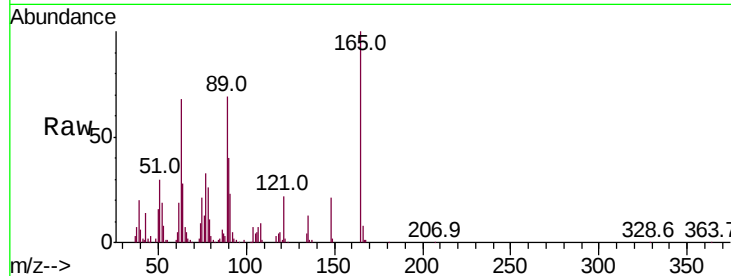
#51  
2,6-Dinitrotoluene  
Concen: 40.287 ng  
RT: 14.30 min Scan# 1908  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 67.6  | 55.4  | 83.0  |
| 89      | 69.1  | 56.5  | 84.7  |

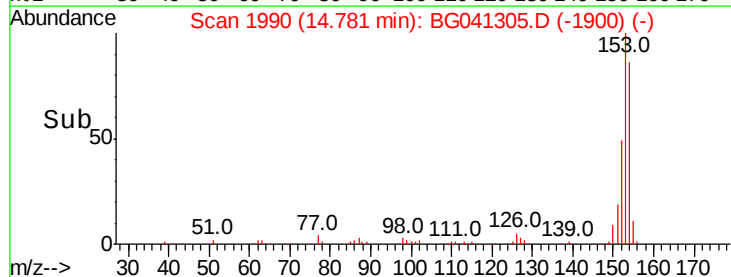
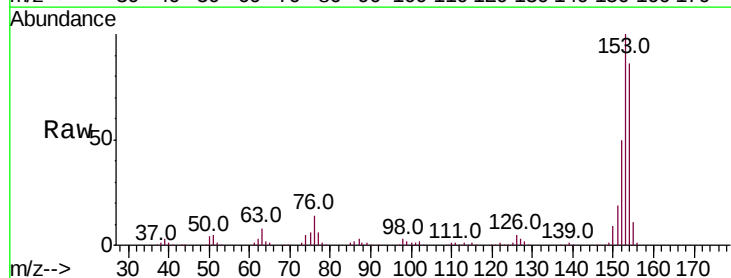
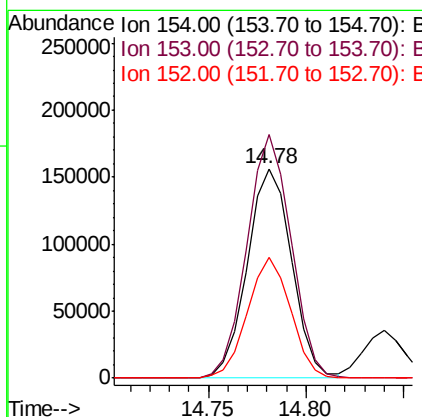
Manual Integrations  
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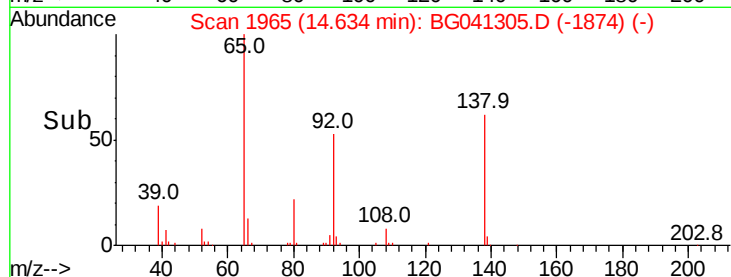
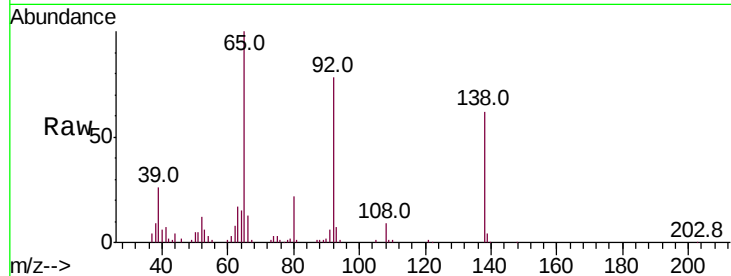
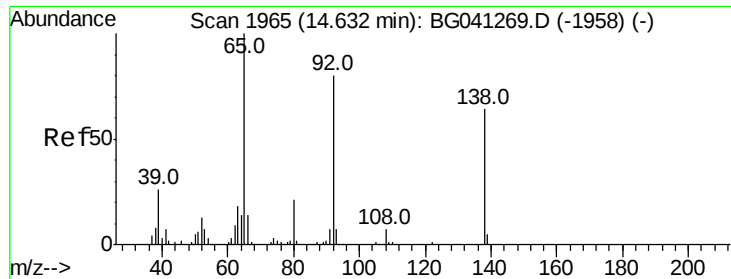
mohammad  
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#52  
Acenaphthene  
Concen: 39.809 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 116.4 | 96.6  | 145.0 |
| 152     | 57.6  | 45.5  | 68.3  |





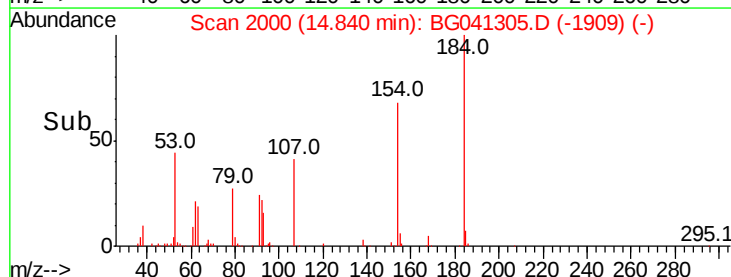
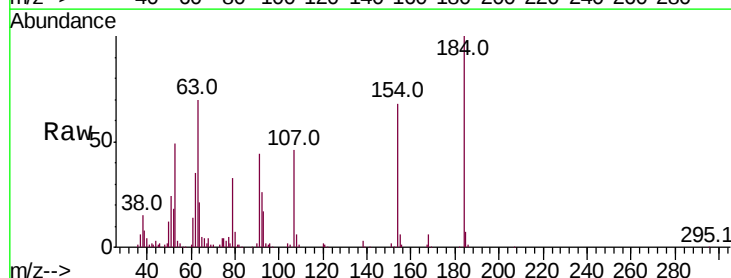
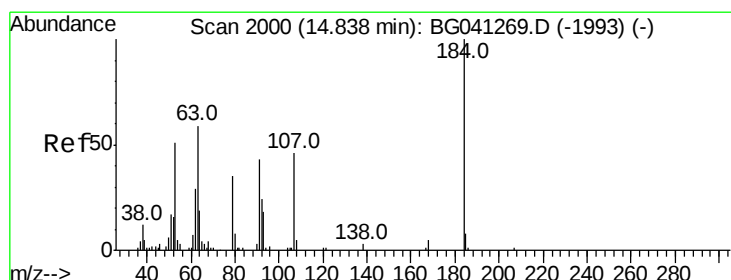
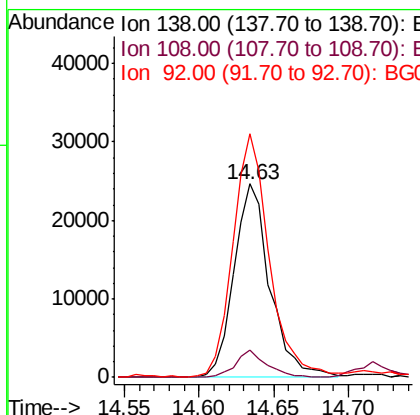
#53  
3-Nitroaniline  
Concen: 21.033 ng  
RT: 14.63 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

Tot Ion:138 Resp: 41395  
Ion Ratio Lower Upper  
138 100  
108 14.0 8.3 12.5#  
92 125.9 100.2 150.4

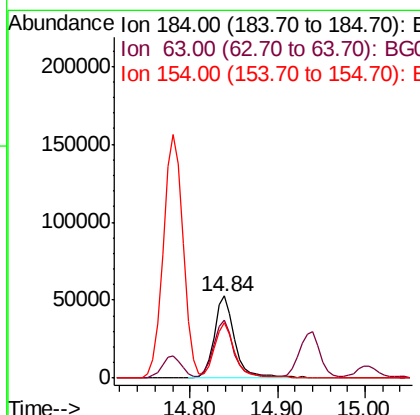
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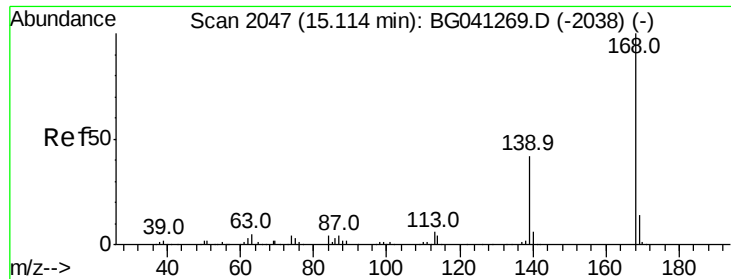
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#54  
2,4-Dinitrophenol  
Concen: 61.487 ng  
RT: 14.84 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Tgt Ion:184 Resp: 86603  
Ion Ratio Lower Upper  
184 100  
63 70.2 60.0 90.0  
154 67.8 58.3 87.5





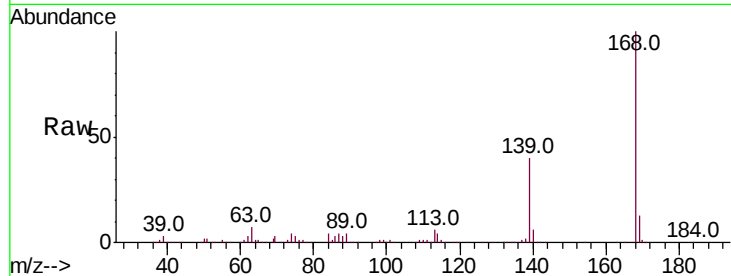
#55  
Dibenzofuran  
Concen: 40.230 ng  
RT: 15.12 min Scan# 2047  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.4  | 33.6  | 50.4  |
| 169     | 13.2  | 10.8  | 16.2  |

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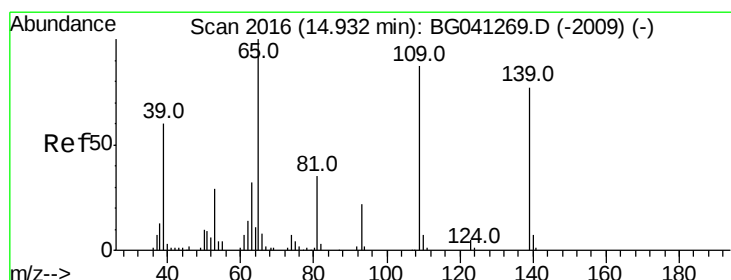
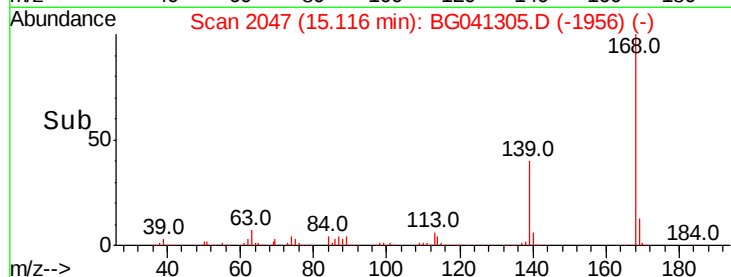
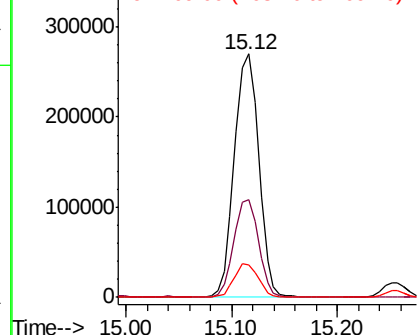


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 78.712 ng  
RT: 14.94 min Scan# 2017  
Delta R.T. 0.01 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

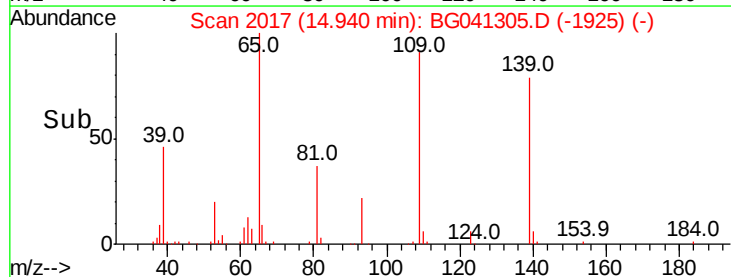
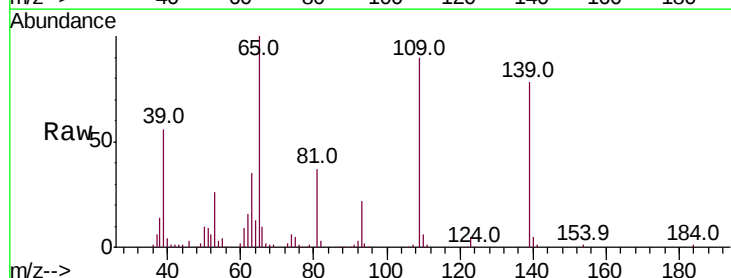
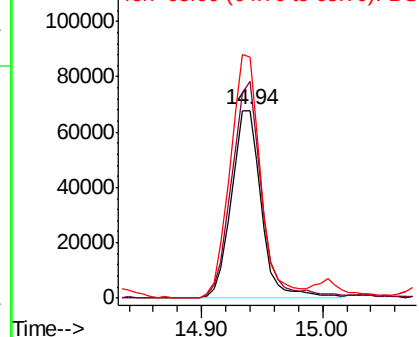
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 115.2 | 93.2  | 133.2 |
| 65      | 128.3 | 110.2 | 150.2 |

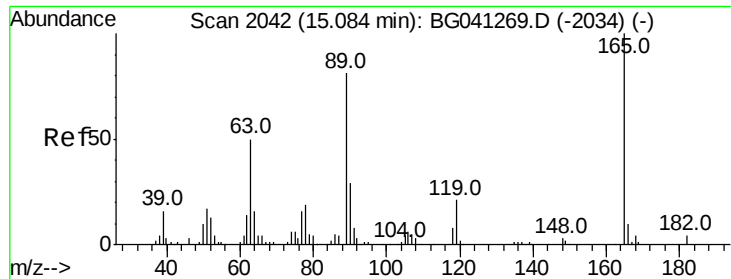
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





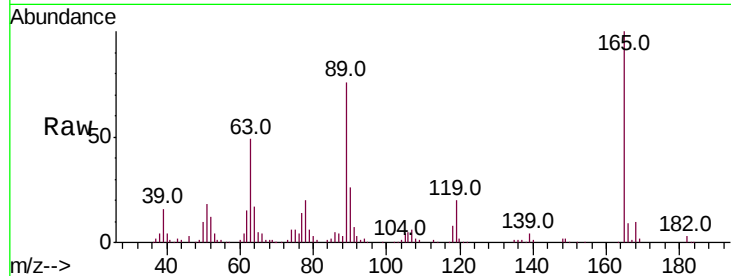
#57  
2,4-Dinitrotoluene  
Concen: 38.912 ng  
RT: 15.09 min Scan# 2042  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 48.6  | 40.0 | 60.0  |       |
| 89      | 75.8  | 64.6 | 96.8  |       |
| 182     | 2.6   | 2.9  | 4.3   |       |

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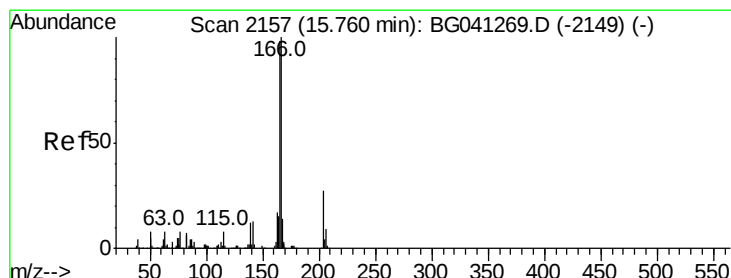
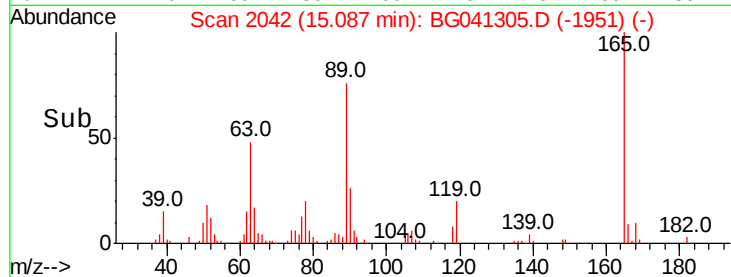
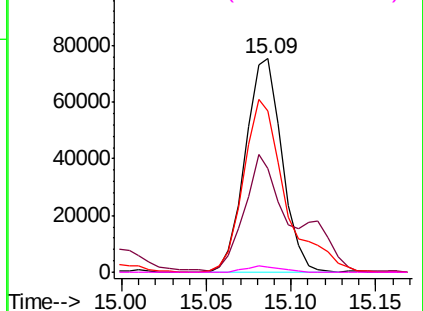
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 40.192 ng  
RT: 15.76 min Scan# 2157  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

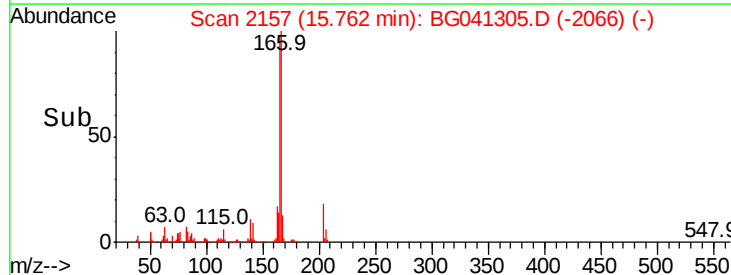
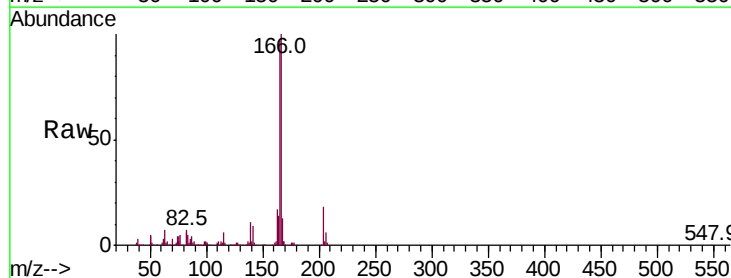
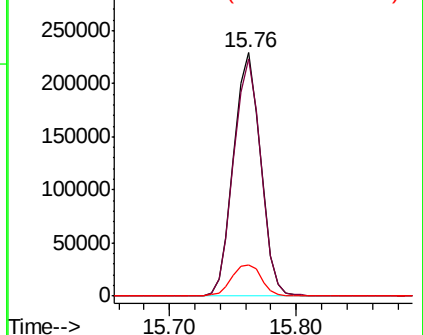
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 97.3  | 78.8 | 118.2 |       |
| 167     | 12.9  | 11.3 | 16.9  |       |

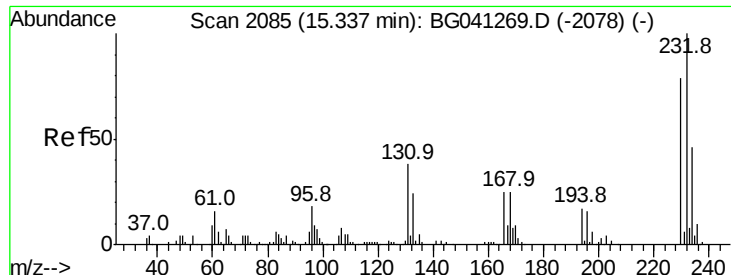
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





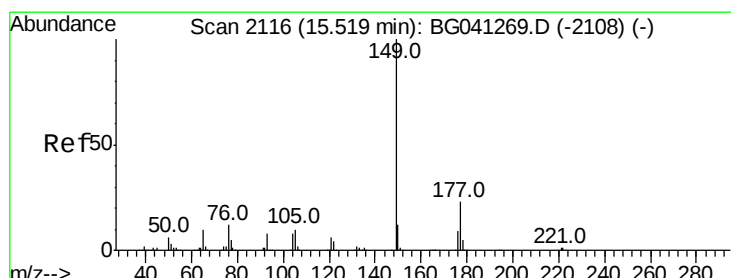
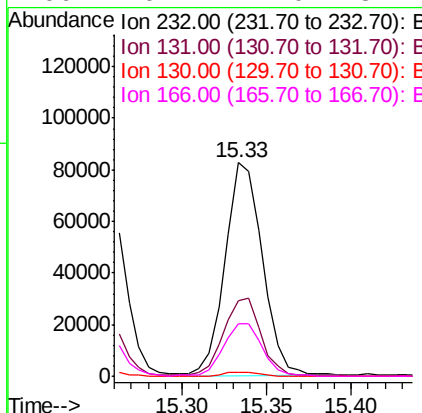
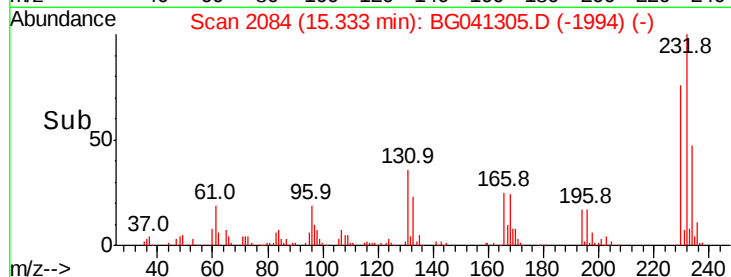
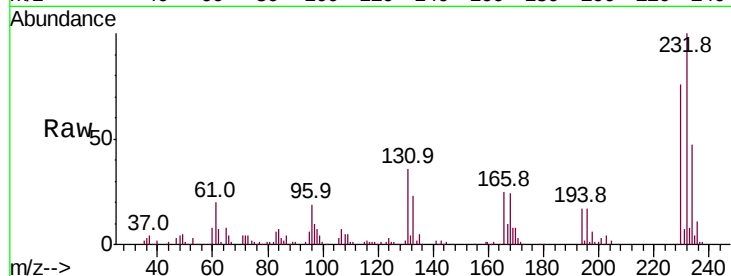
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.748 ng  
 RT: 15.33 min Scan# 2084  
 Delta R.T. -0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 126608 |       |       |
| 131     | 37.2  |        | 29.0  | 43.6  |
| 130     | 2.2   |        | 1.6   | 2.4   |
| 166     | 26.4  |        | 21.0  | 31.4  |

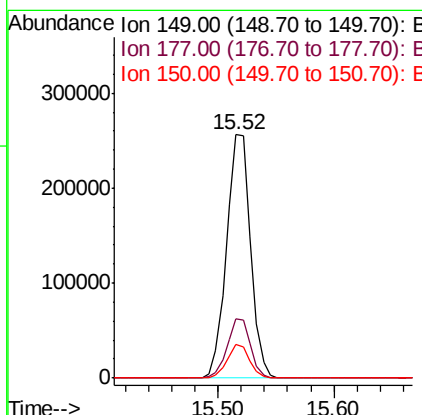
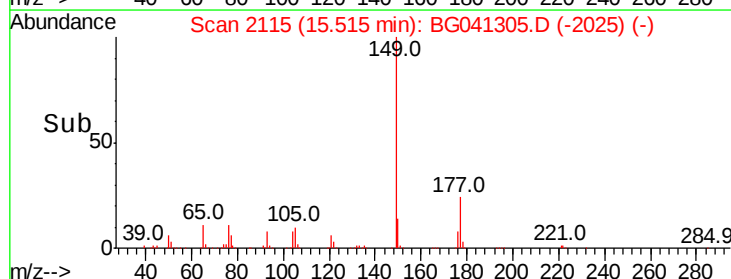
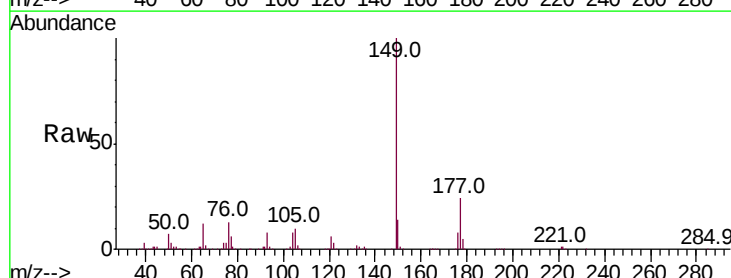
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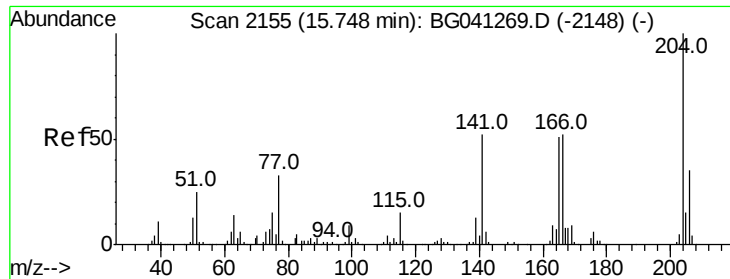
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#60  
 Diethylphthalate  
 Concen: 38.157 ng  
 RT: 15.52 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 367429 |       |       |
| 177     | 24.4  |        | 18.4  | 27.6  |
| 150     | 13.7  |        | 9.9   | 14.9  |





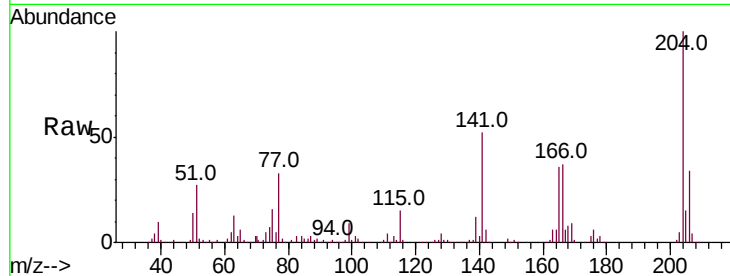
#61  
4-Chlorophenyl-phenylether  
Concen: 38.942 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

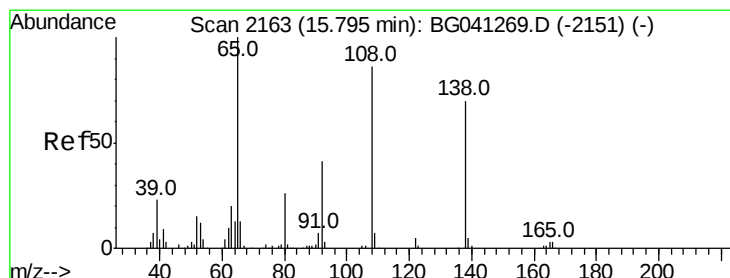
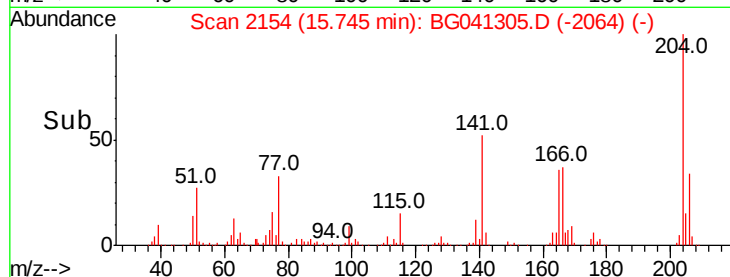
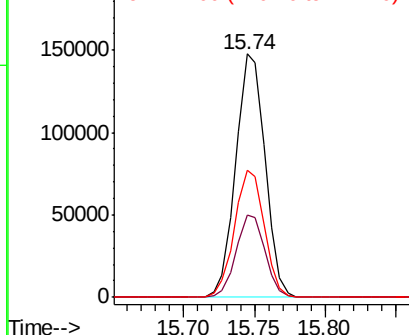
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.7  | 27.9  | 41.9  |
| 141     | 52.1  | 41.4  | 62.0  |

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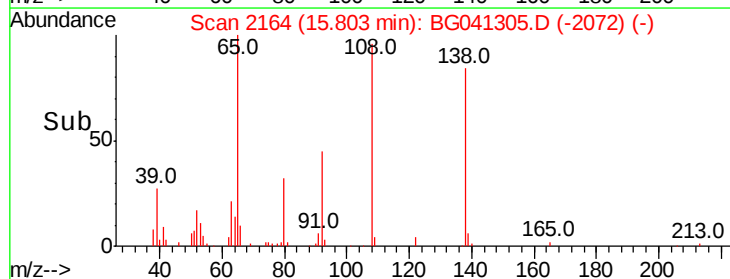
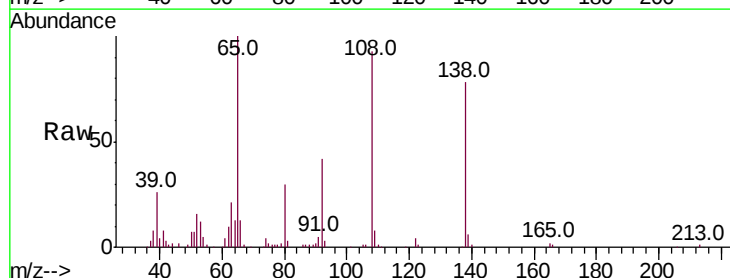
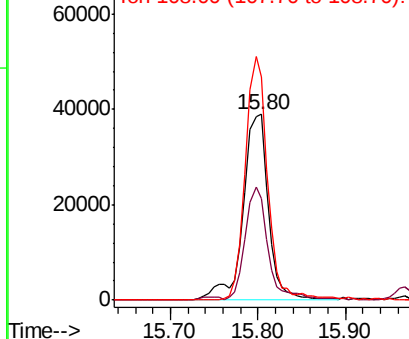
Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

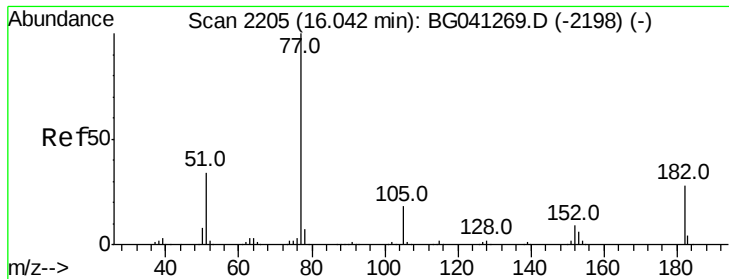


#62  
4-Nitroaniline  
Concen: 36.082 ng  
RT: 15.80 min Scan# 2164  
Delta R.T. 0.01 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.4  | 38.8  | 78.8  |
| 108     | 120.3 | 103.4 | 143.4 |

Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E





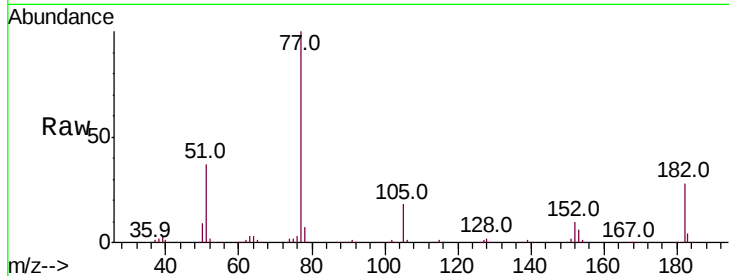
#63  
Azobenzene  
Concen: 39.804 ng  
RT: 16.04 min Scan# 2204  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

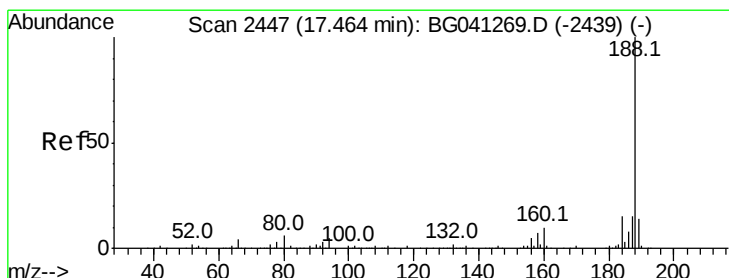
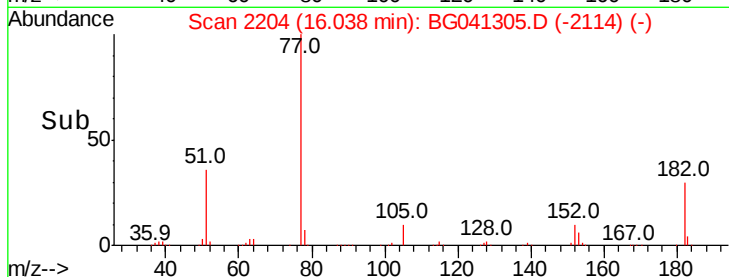
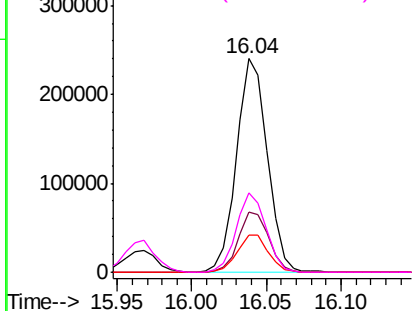
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.4  | 7.5   | 47.5  |
| 105     | 17.5  | 0.0   | 37.7  |
| 51      | 37.0  | 14.6  | 54.6  |

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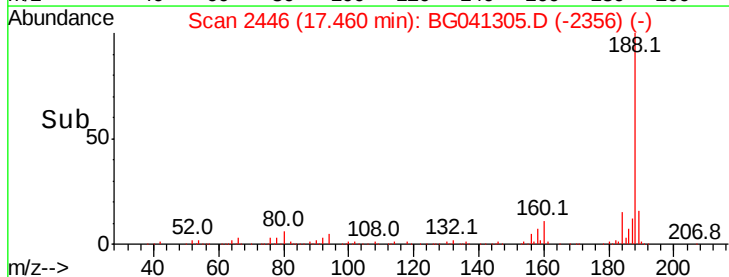
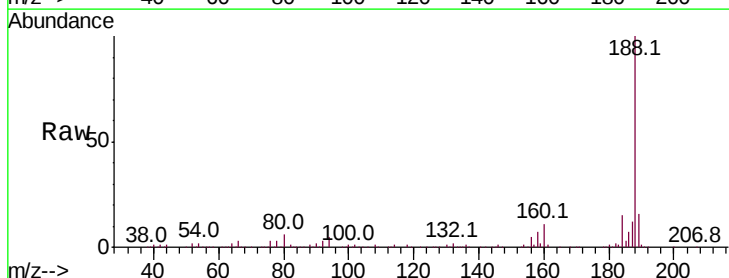
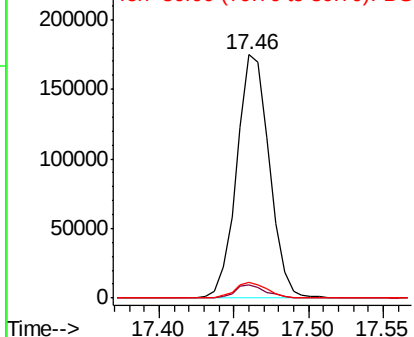
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

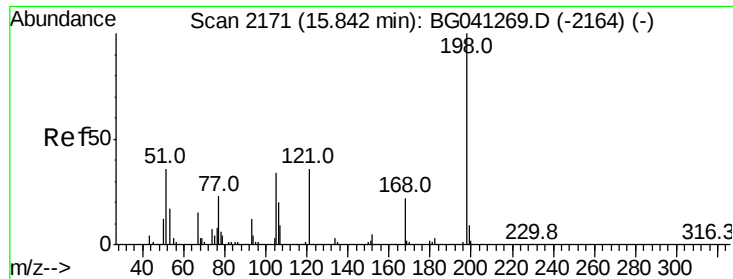


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.46 min Scan# 2446  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.3   | 3.6   | 5.4   |
| 80      | 6.3   | 4.8   | 7.2   |

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: 37.362 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

ClientSampleId :

T-1MS

Tot Ion:198 Resp: 64058

Ion Ratio Lower Upper

198 100

51 48.3 23.4 63.4

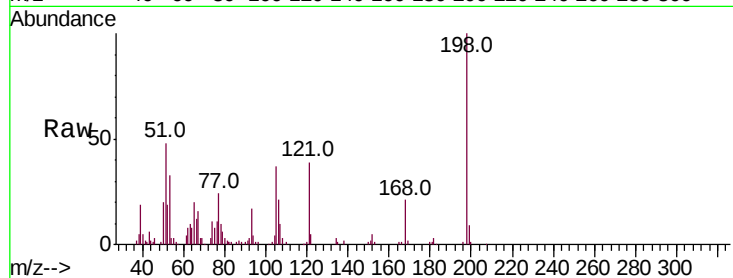
105 37.2 15.8 55.8

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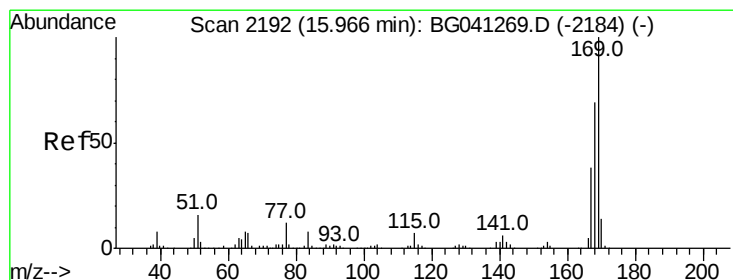
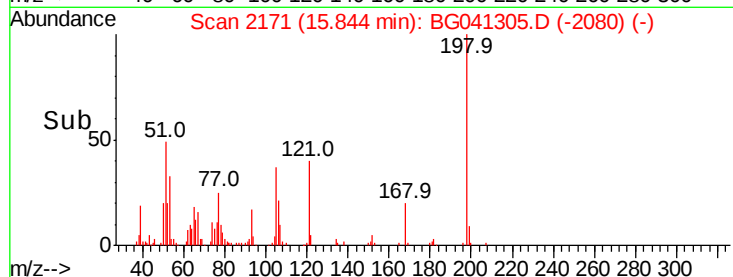
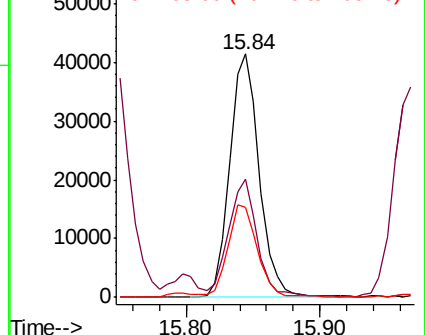
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.768 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

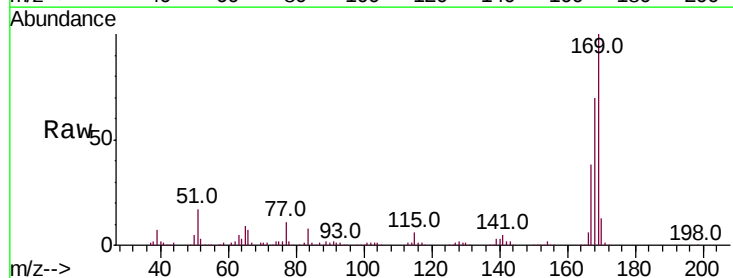
Tgt Ion:169 Resp: 306979

Ion Ratio Lower Upper

169 100

168 70.1 55.2 82.8

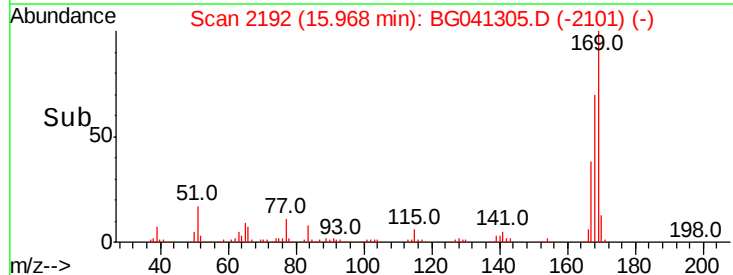
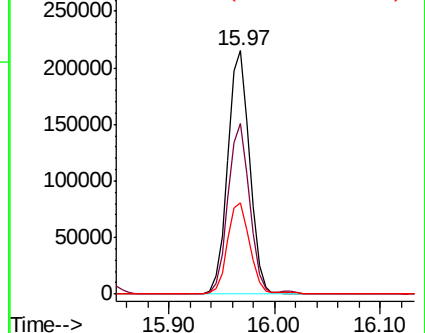
167 37.5 30.4 45.6

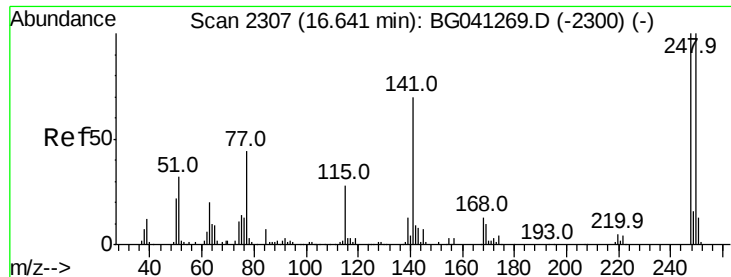


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.245 ng

RT: 16.64 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

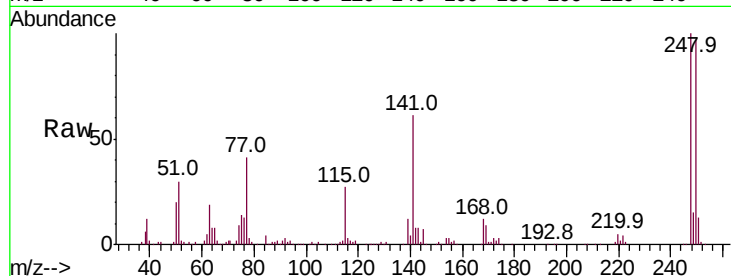
ClientSampleId :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 137455 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.6  | 79.8  | 119.8  |
| 141       | 61.1  | 55.8  | 83.6   |

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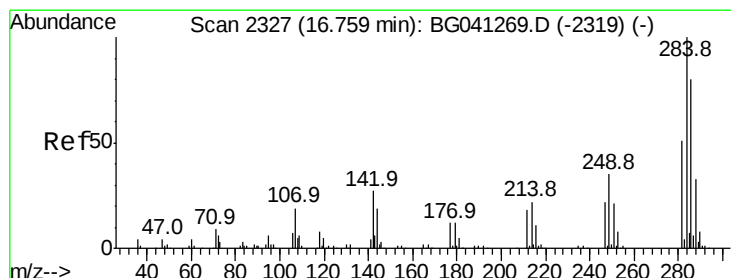
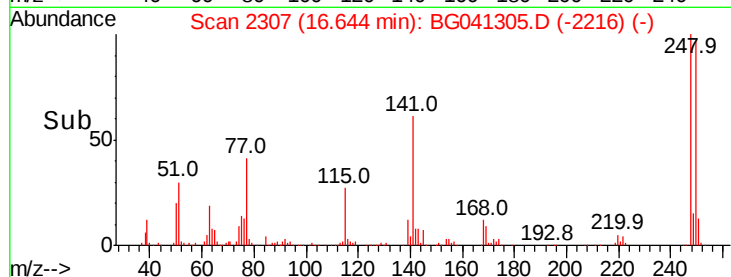
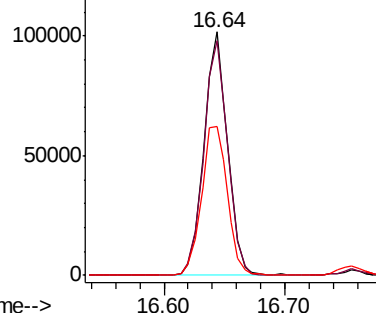


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.122 ng

RT: 16.76 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

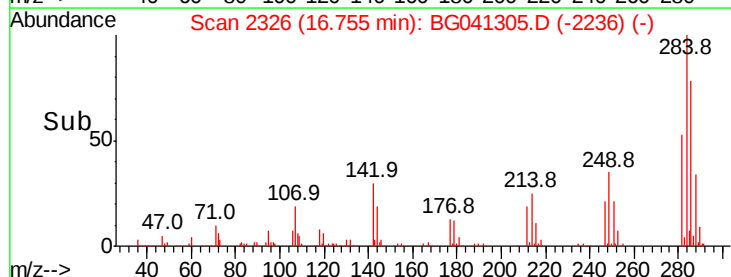
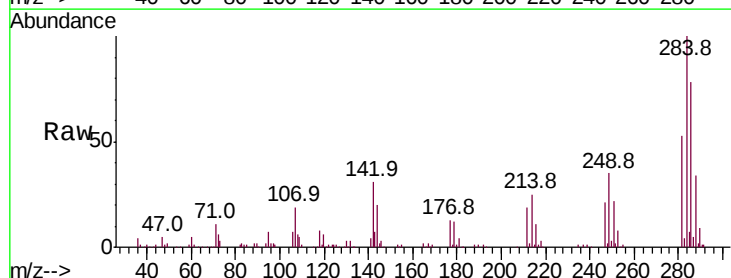
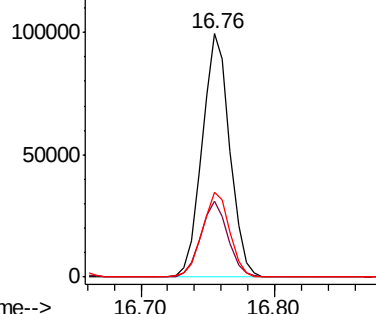
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 143085 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 31.2  | 21.8  | 32.8   |
| 249       | 35.0  | 27.8  | 41.6   |

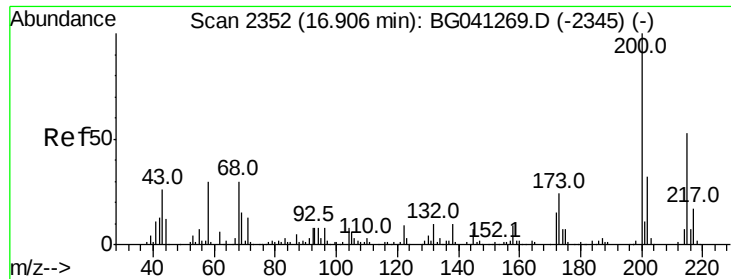
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





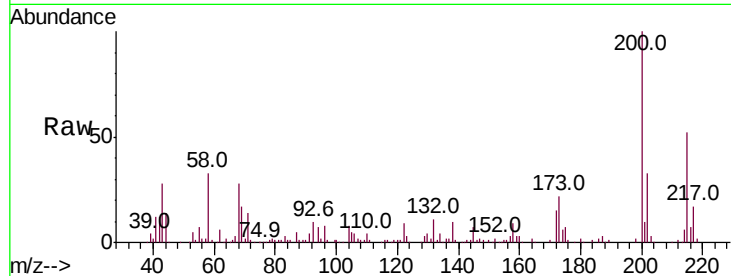
#69  
Atrazine  
Concen: Below Cal  
RT: 16.91 min Scan# 2352  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

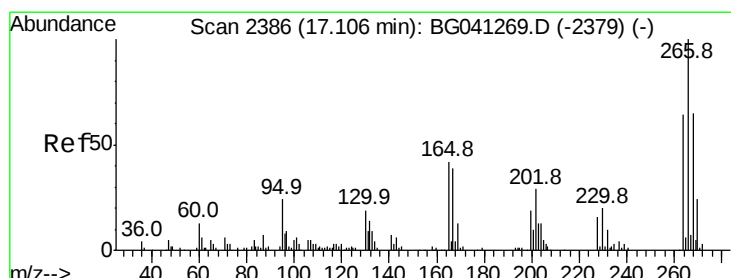
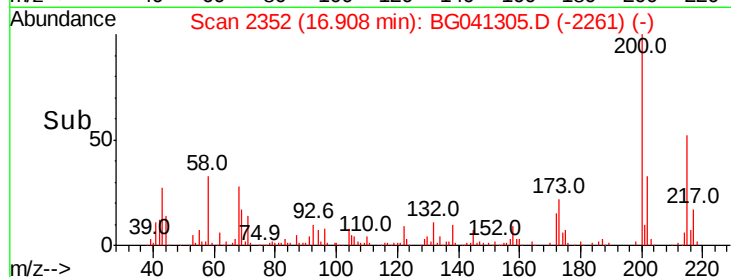
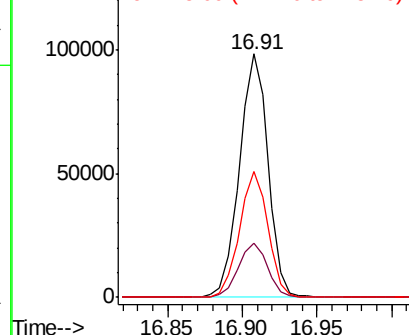
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 22.5  | 4.0        | 44.0  |
| 215     | 51.8  | 33.4       | 73.4  |

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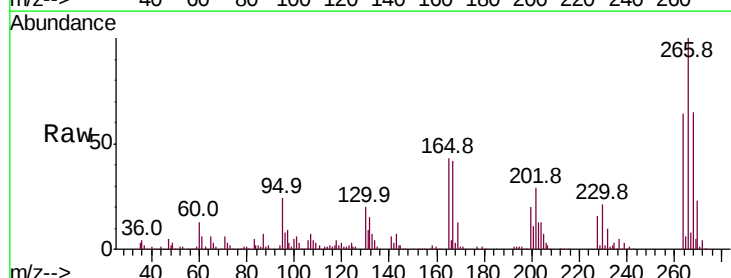


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

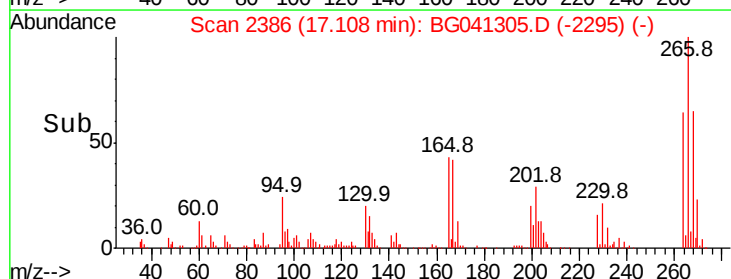
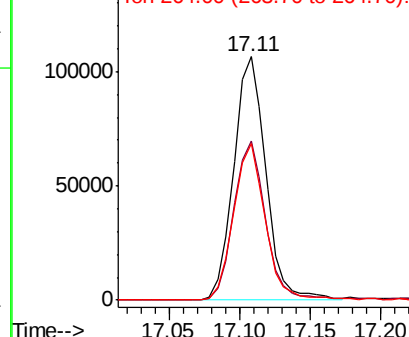


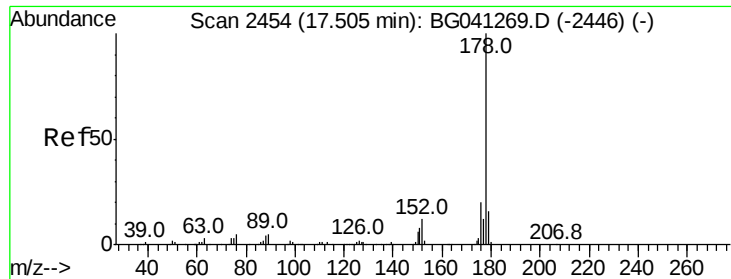
#70  
Pentachlorophenol  
Concen: 90.223 ng  
RT: 17.11 min Scan# 2386  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 65.4  | 52.0       | 78.0  |
| 264     | 64.4  | 51.2       | 76.8  |



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





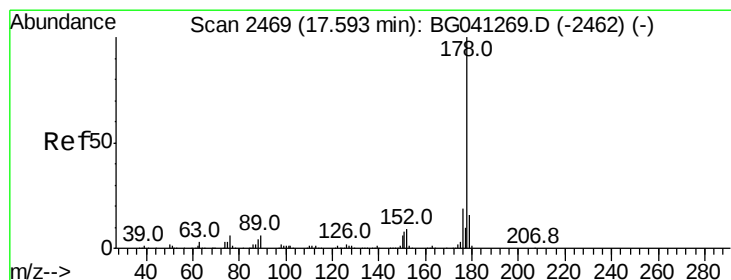
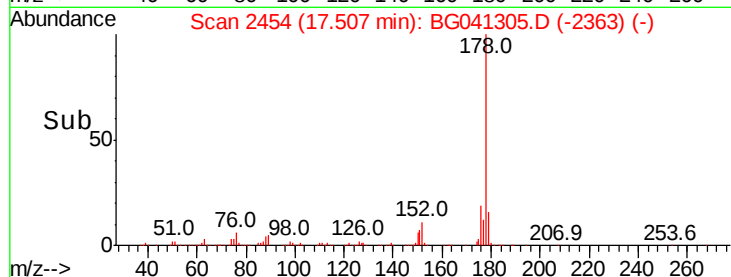
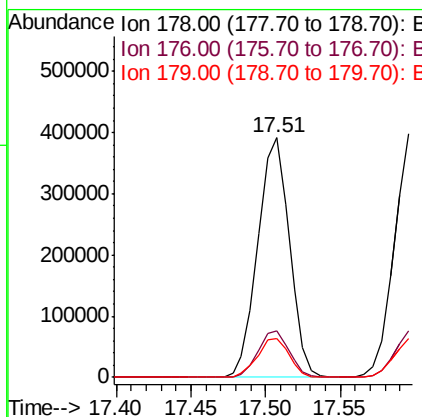
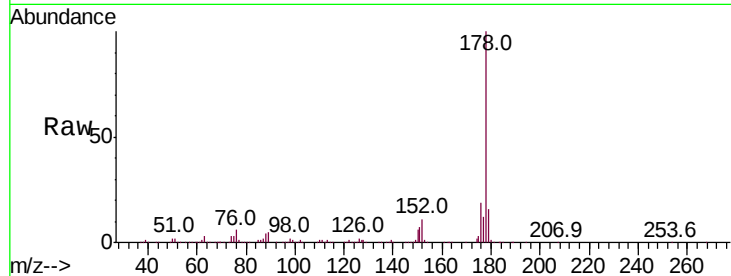
#71  
Phenanthrene  
Concen: 40.815 ng  
RT: 17.51 min Scan# 2454  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampled :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 16.1  | 24.1  |
| 179     | 16.2  | 12.9  | 19.3  |

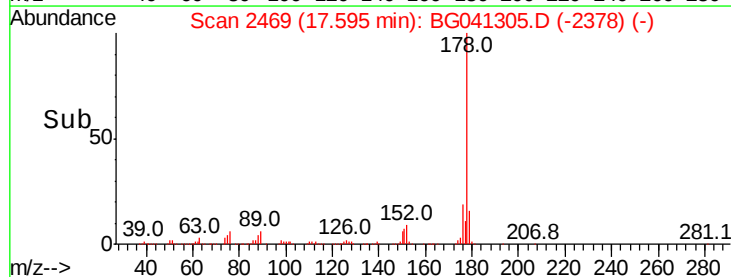
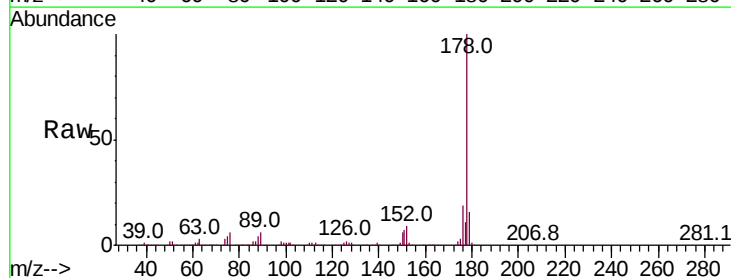
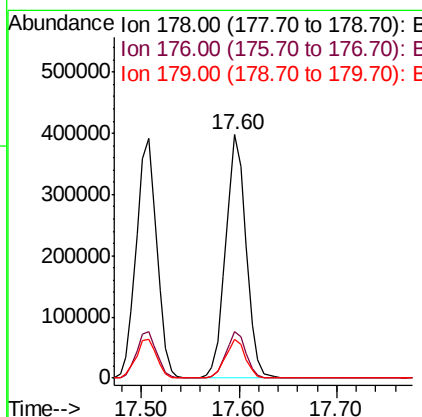
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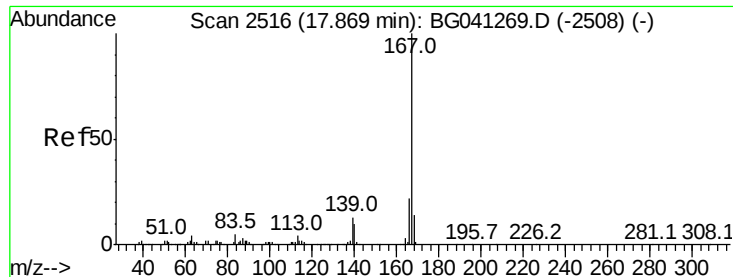
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#72  
Anthracene  
Concen: 41.652 ng  
RT: 17.60 min Scan# 2469  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.4  | 23.2  |
| 179     | 15.9  | 13.0  | 19.4  |





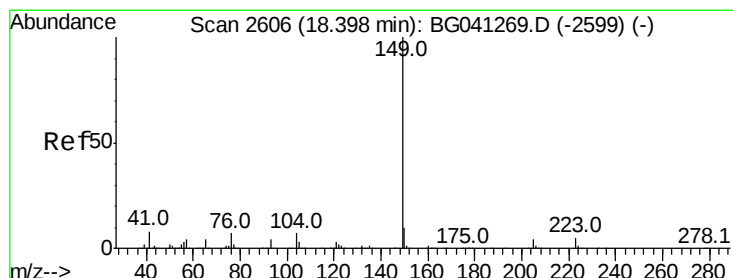
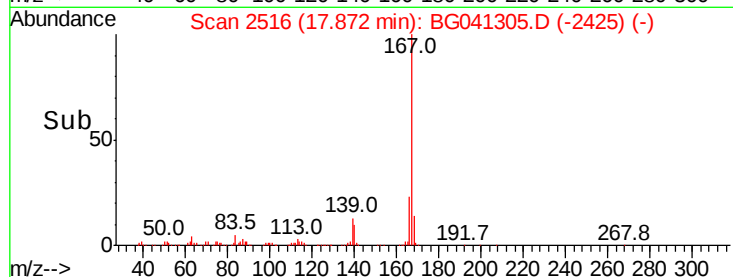
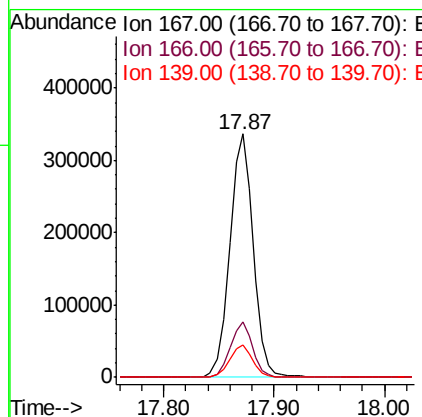
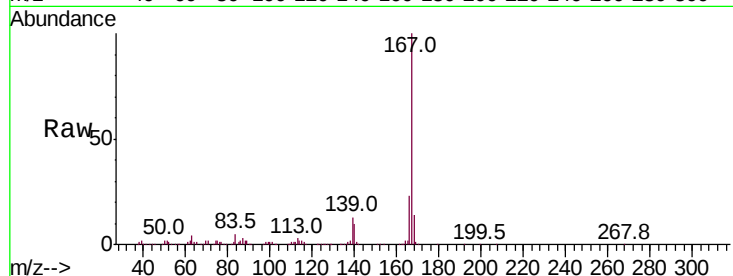
#73  
 Carbazole  
 Concen: 41.115 ng  
 RT: 17.87 min Scan# 2516  
 Delta R.T. 0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 167     | 100   |      |       |       |
| 166     | 22.6  | 17.9 | 26.9  |       |
| 139     | 13.1  | 10.7 | 16.1  |       |

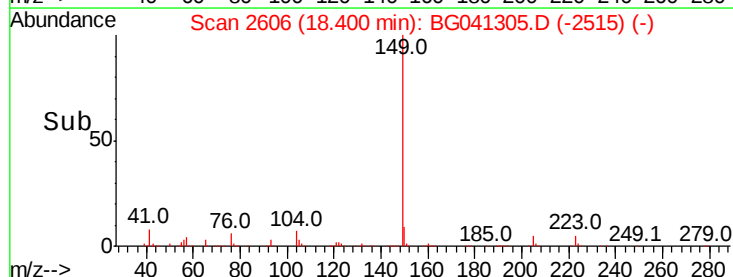
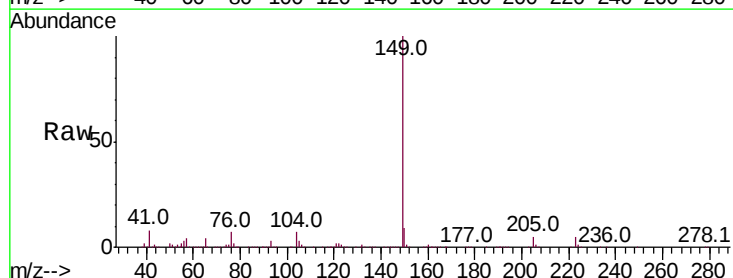
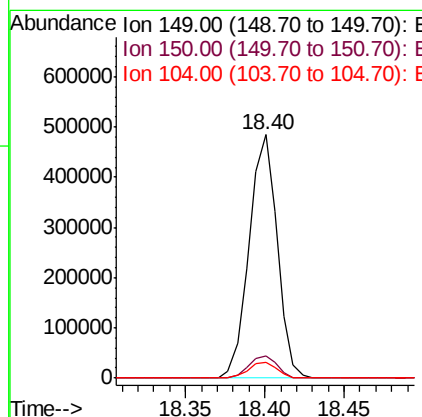
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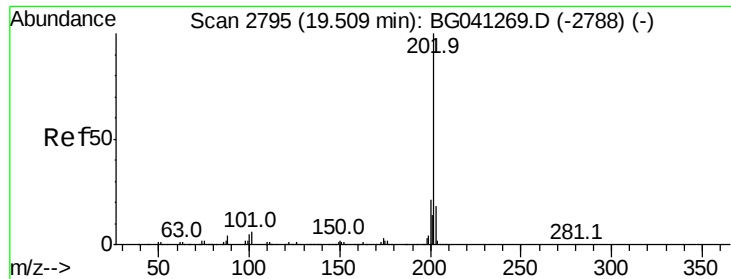
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#74  
 Di-n-butylphthalate  
 Concen: 39.312 ng  
 RT: 18.40 min Scan# 2606  
 Delta R.T. 0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 9.2   | 8.1  | 12.1  |       |
| 104     | 6.7   | 5.4  | 8.0   |       |





#75

Fluoranthene

Concen: 40.494 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

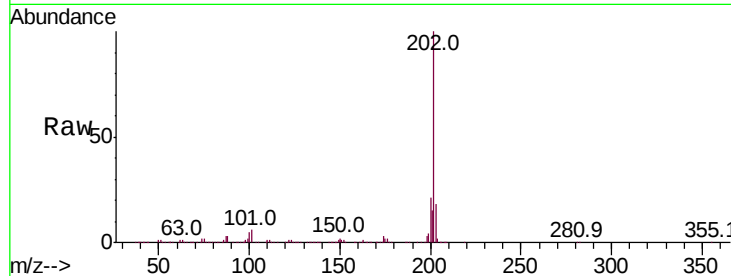
ClientSampleId :

T-1MS

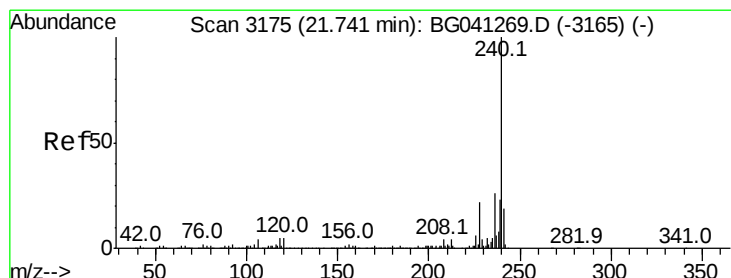
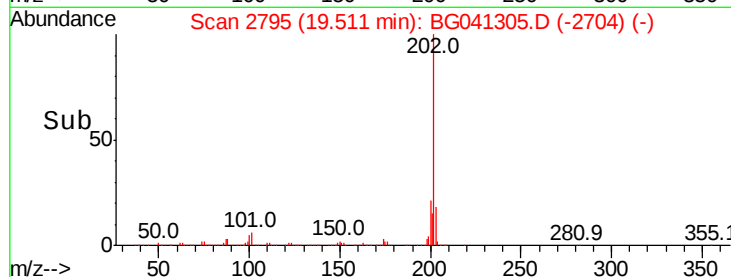
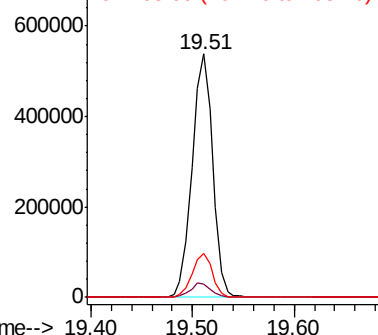
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 757877 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 5.7   | 0.0   | 26.0   |
| 203       | 18.2  | 0.0   | 37.7   |

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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: 21.74 min Scan# 3174

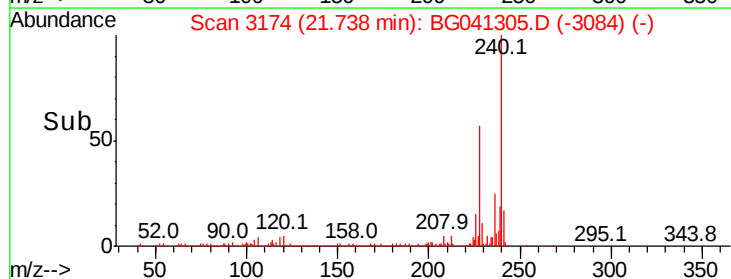
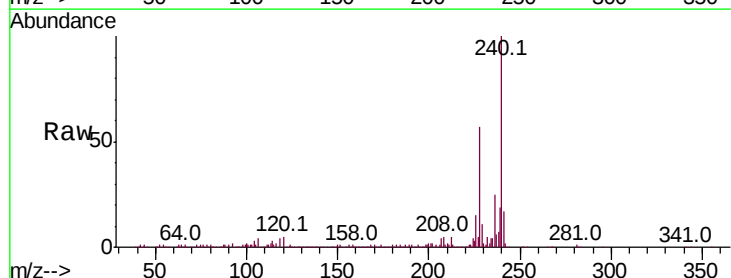
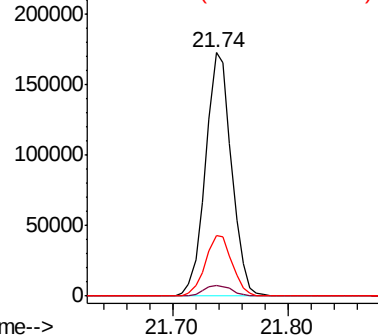
Delta R.T. -0.00 min

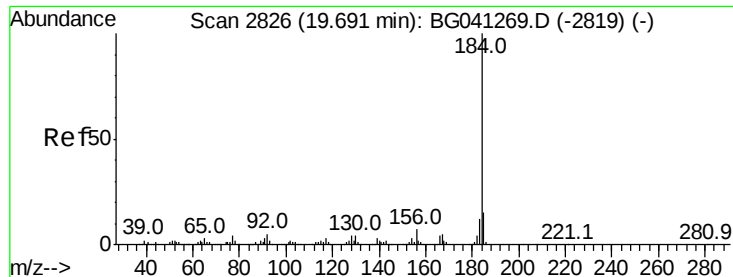
Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 269173 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 4.5   | 3.7   | 5.5    |
| 236       | 24.9  | 21.1  | 31.7   |

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: 27.396 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

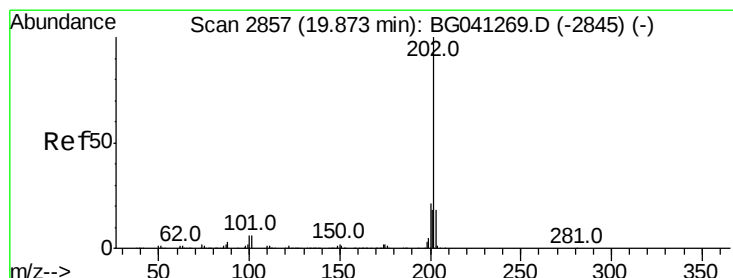
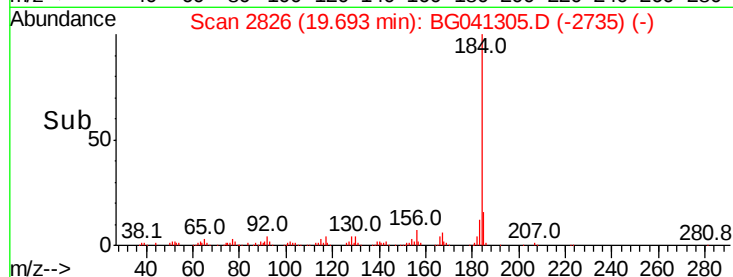
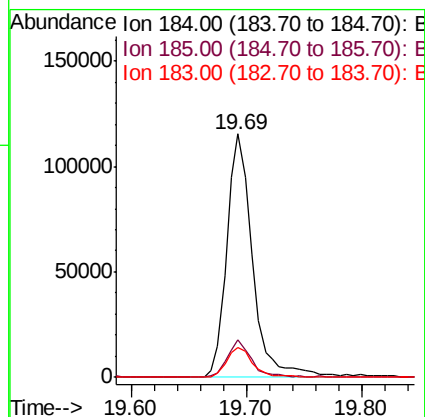
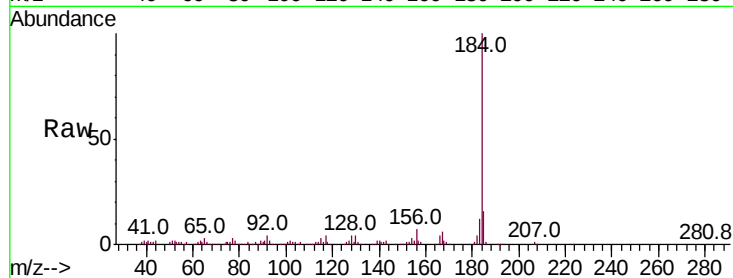
ClientSampleId :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 178367 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.6  | 12.2  | 18.2   |
| 183       | 12.4  | 9.6   | 14.4   |

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#78

Pyrene

Concen: 41.502 ng

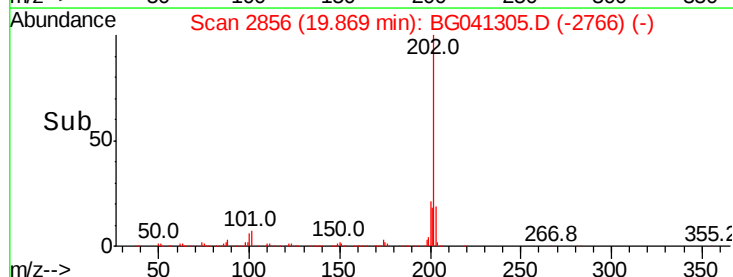
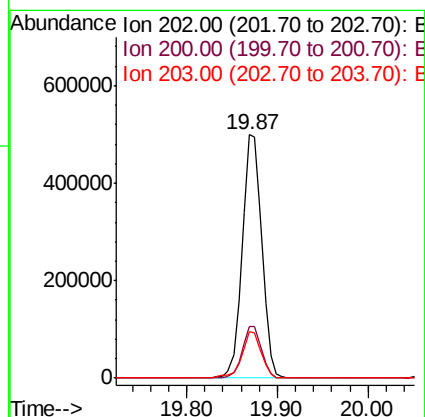
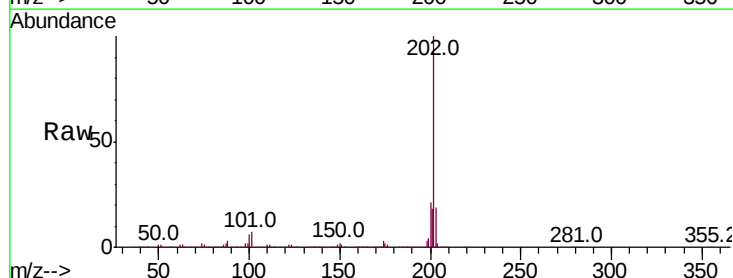
RT: 19.87 min Scan# 2856

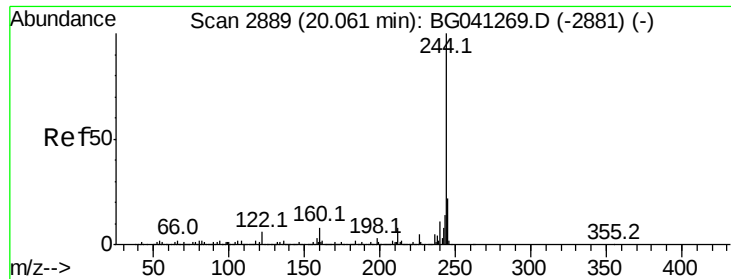
Delta R.T. -0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 753389 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.0  | 16.8  | 25.2   |
| 203       | 18.9  | 14.6  | 21.8   |





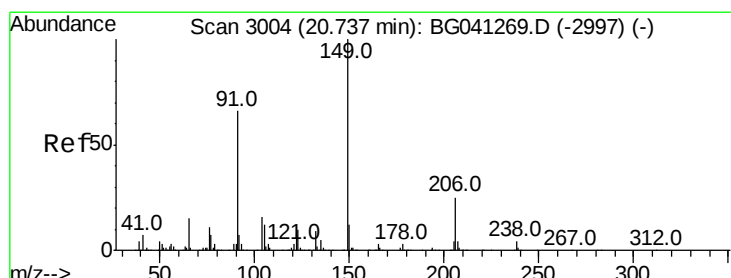
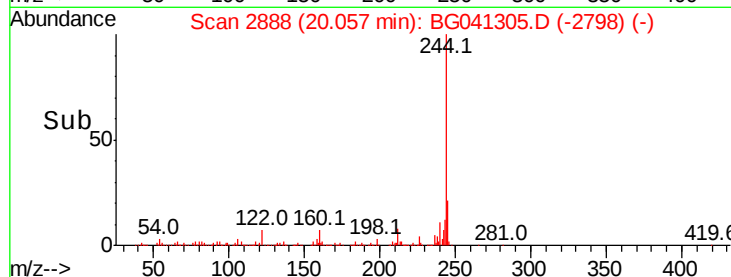
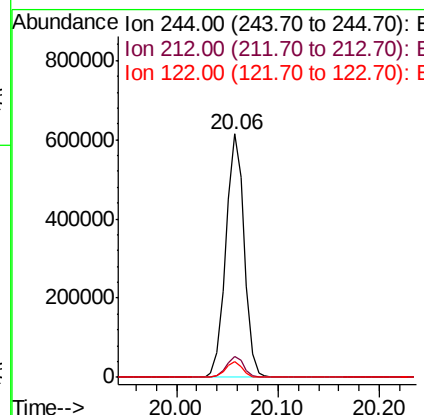
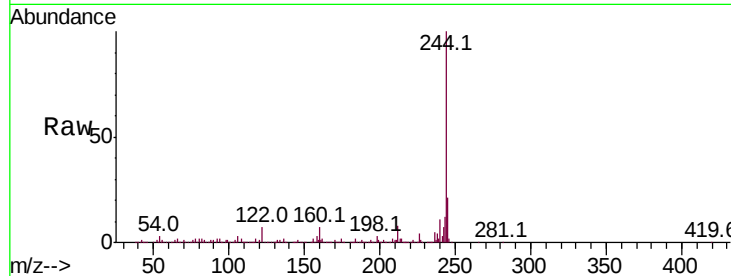
#79  
 Terphenyl-d14  
 Concen: 56.544 ng  
 RT: 20.06 min Scan# 2888  
 Delta R.T. -0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 8.3   | 6.6        | 10.0  |
| 122     | 6.7   | 5.0        | 7.4   |

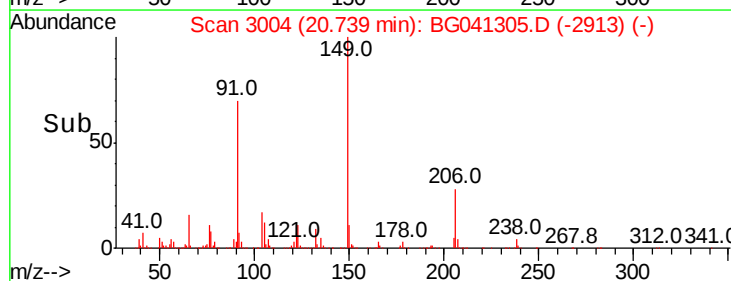
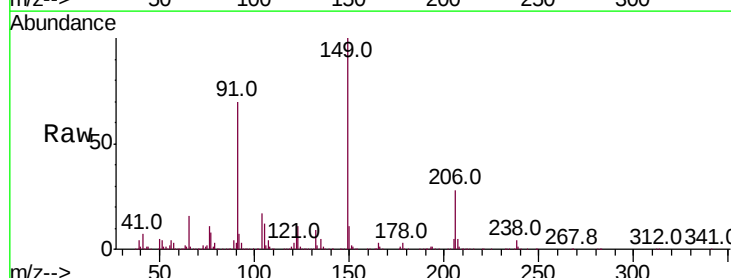
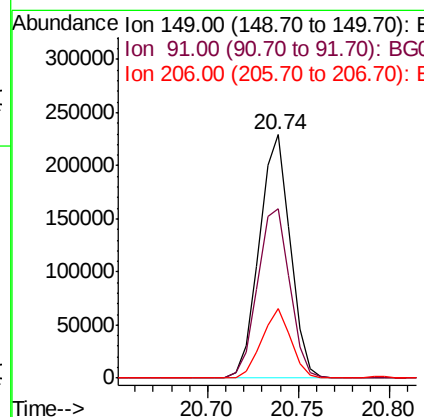
Manual Integrations  
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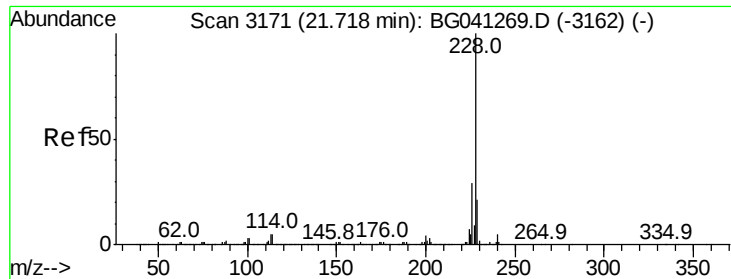
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#80  
 Butylbenzylphthalate  
 Concen: 39.677 ng  
 RT: 20.74 min Scan# 3004  
 Delta R.T. 0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 69.7  | 53.2       | 79.8  |
| 206     | 28.3  | 20.3       | 30.5  |





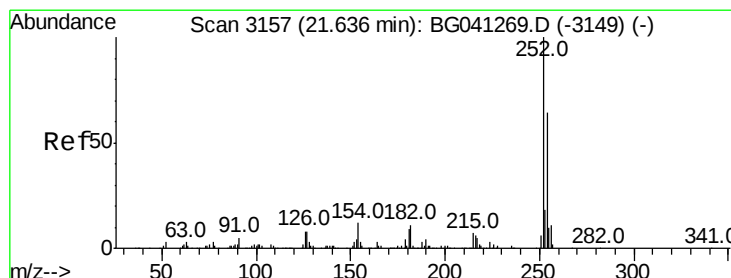
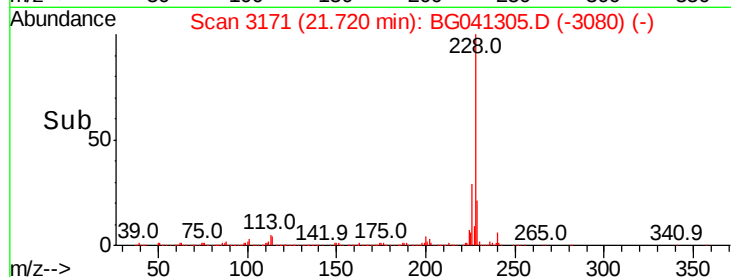
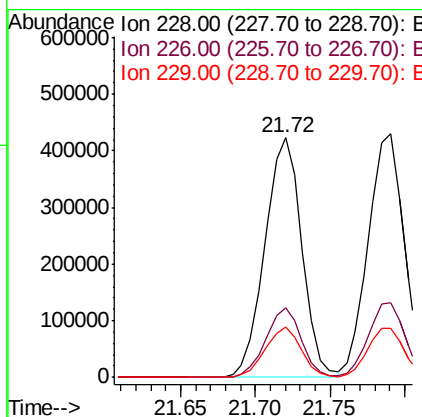
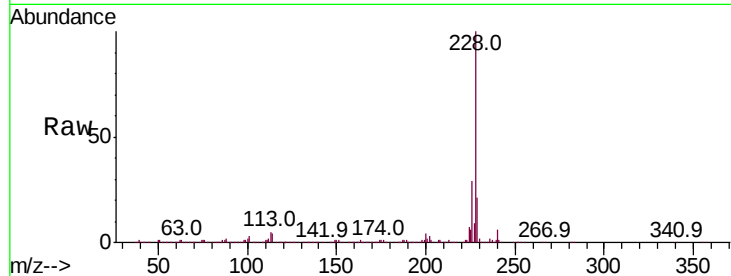
#81  
Benzo(a)anthracene  
Concen: 39.795 ng  
RT: 21.72 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 725278 |       |       |
| 226     | 29.0  |        | 23.2  | 34.8  |
| 229     | 20.9  |        | 16.8  | 25.2  |

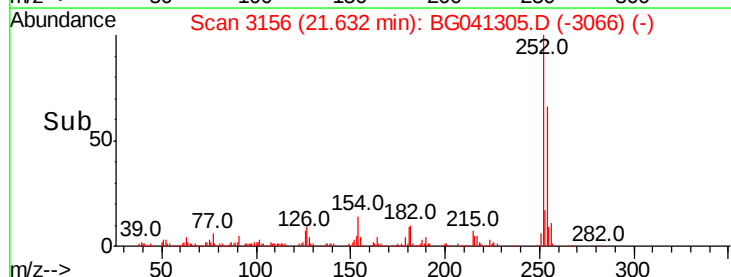
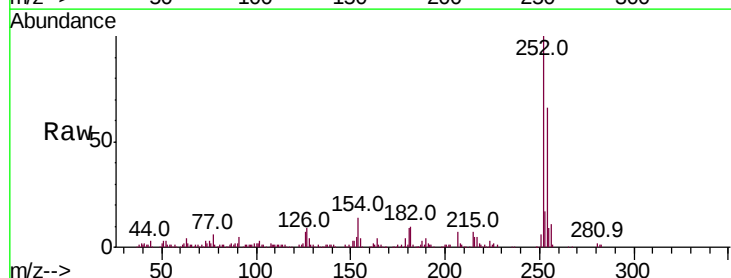
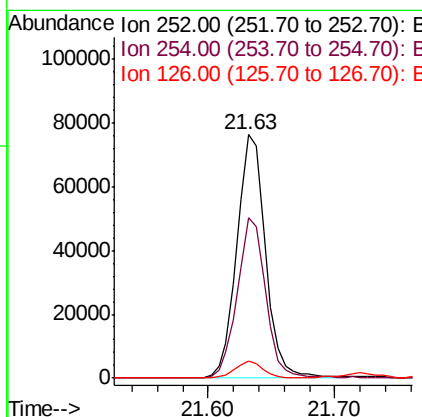
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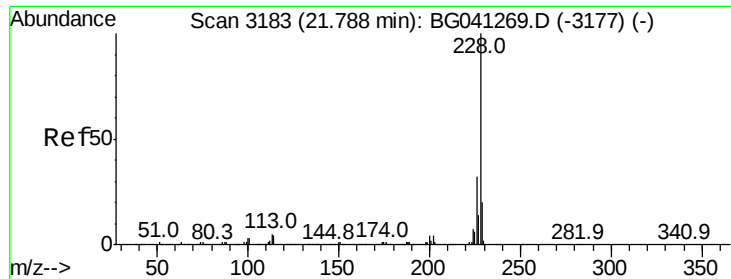
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#82  
3,3'-Dichlorobenzidine  
Concen: 18.689 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 119571 |       |       |
| 254     | 65.8  |        | 51.4  | 77.0  |
| 126     | 7.2   |        | 6.0   | 9.0   |





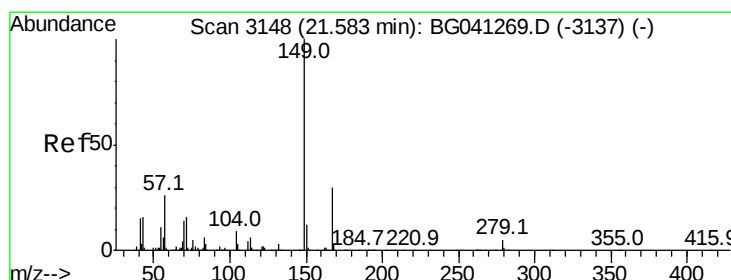
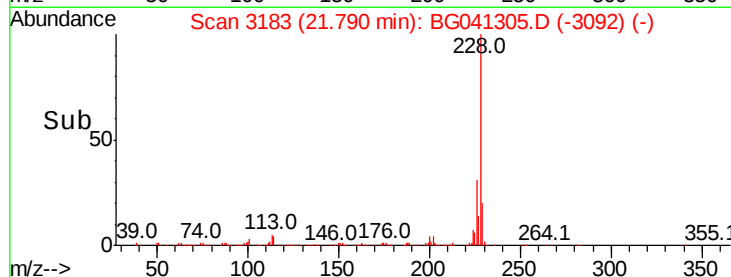
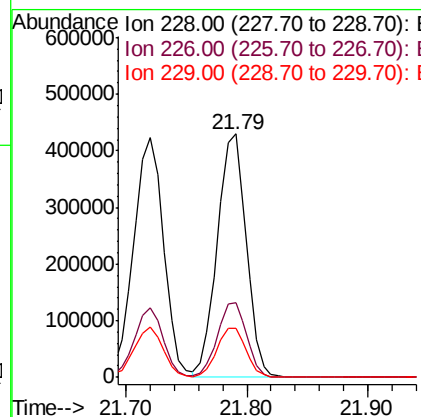
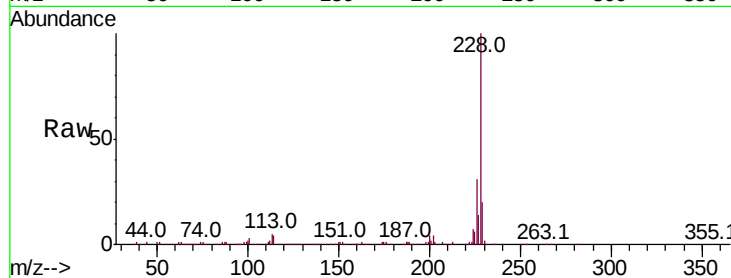
#83  
 Chrvsene  
 Concen: 40.578 ng  
 RT: 21.79 min Scan# 3183  
 Delta R.T. 0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

Instrument :  
 BNA\_G  
 ClientSampled :  
 T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 25.4  | 38.0  |
| 229     | 20.3  | 16.2  | 24.2  |

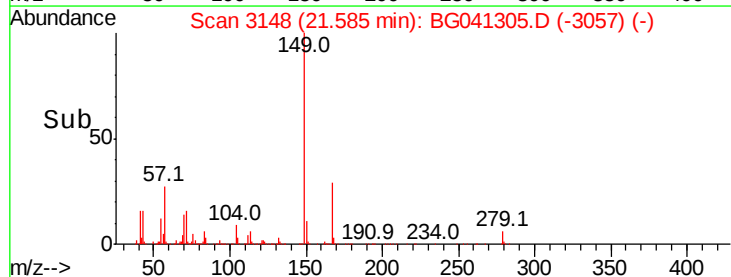
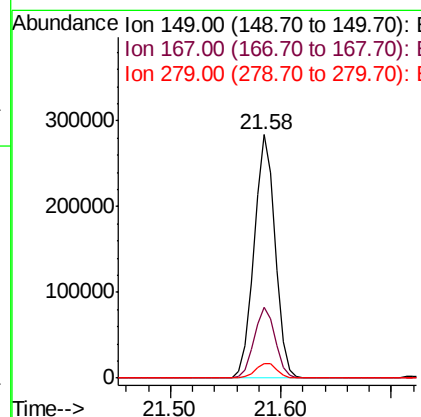
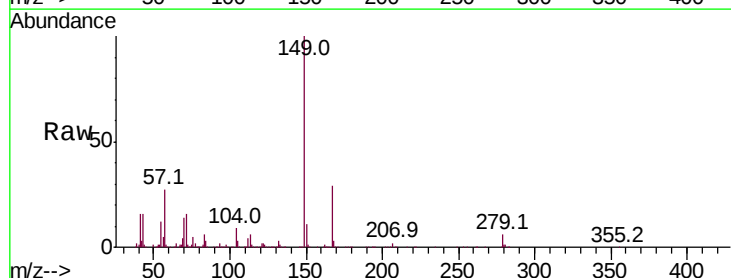
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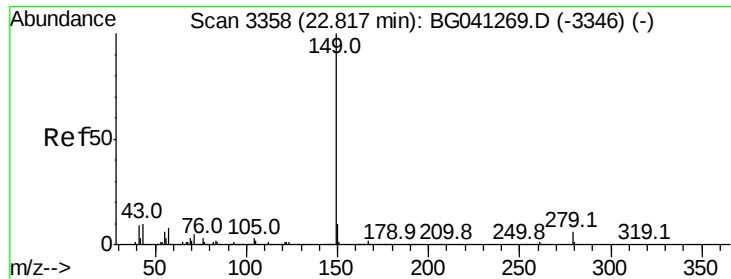
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.695 ng  
 RT: 21.58 min Scan# 3148  
 Delta R.T. 0.00 min  
 Lab File: BG041305.D  
 Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.1  | 23.8  | 35.8  |
| 279     | 5.7   | 4.4   | 6.6   |





#85

Di-n-octyl phthalate

Concen: 41.181 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

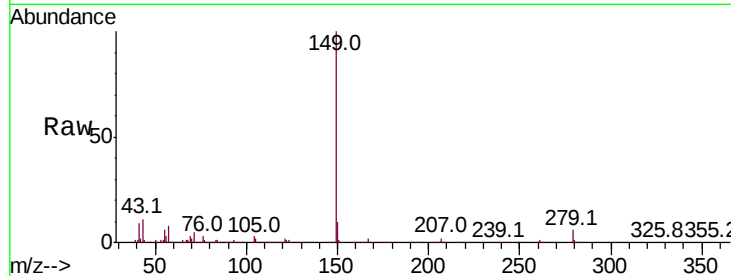
ClientSampled :

T-1MS

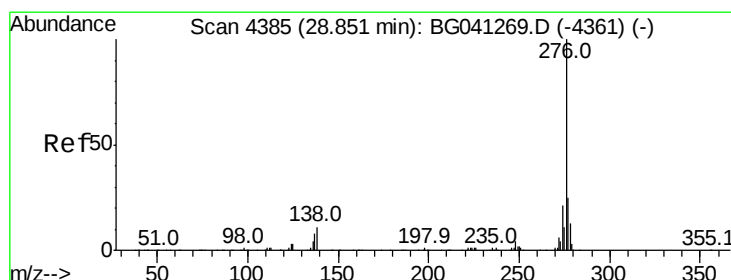
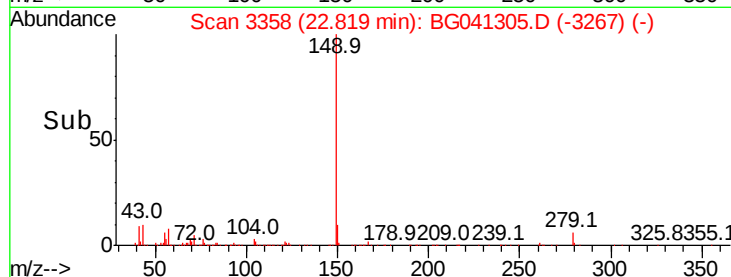
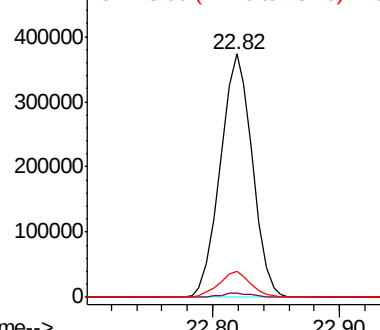
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 651964 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.0    |
| 43        | 10.5  | 8.2   | 12.2   |

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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: 40.223 ng

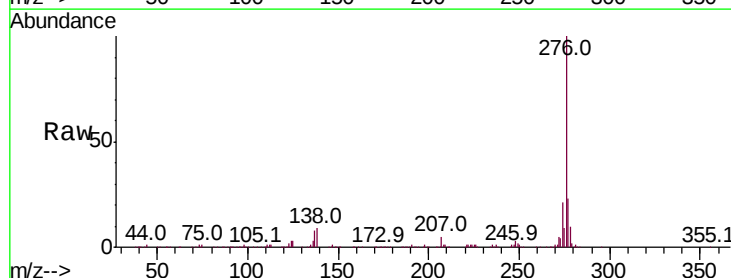
RT: 28.85 min Scan# 4385

Delta R.T. 0.00 min

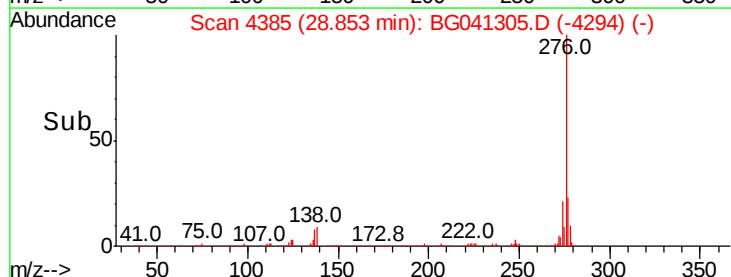
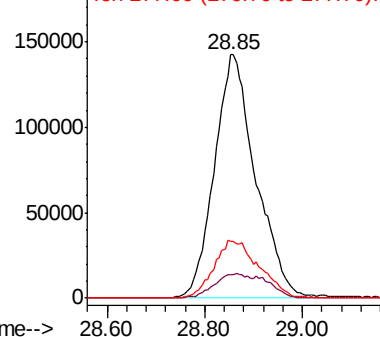
Lab File: BG041305.D

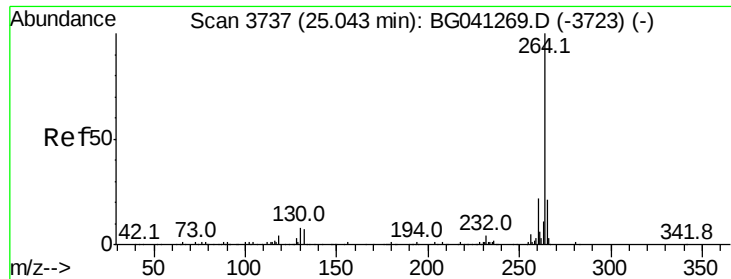
Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 836431 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 8.3   | 7.7   | 11.5   |
| 277       | 26.1  | 20.6  | 31.0   |



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

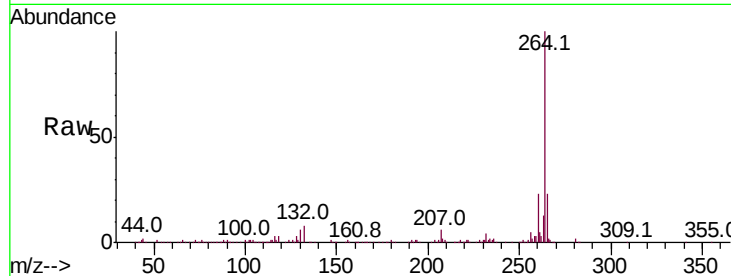
ClientSampled :

T-1MS

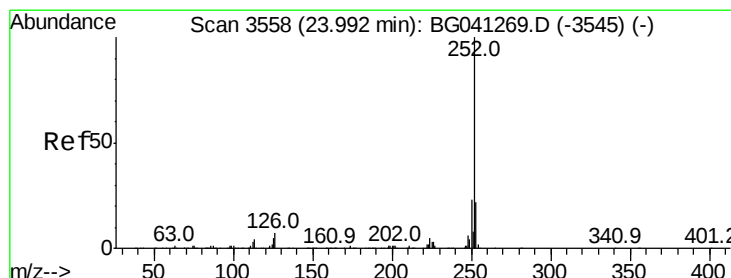
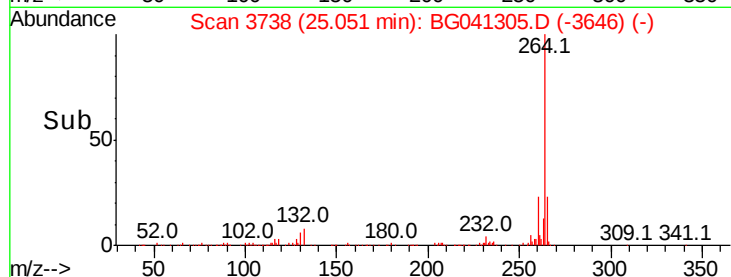
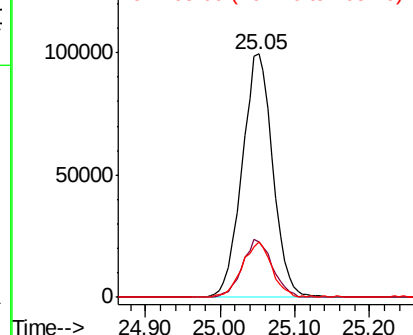
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 283622 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.0  | 17.4  | 26.2   |
| 265       | 22.5  | 17.2  | 25.8   |

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



#88

Benzo(b)fluoranthene

Concen: 41.208 ng

RT: 23.99 min Scan# 3558

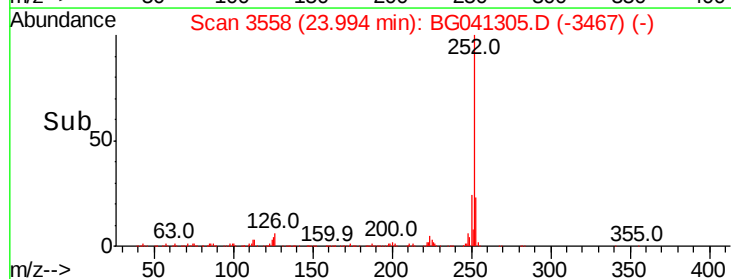
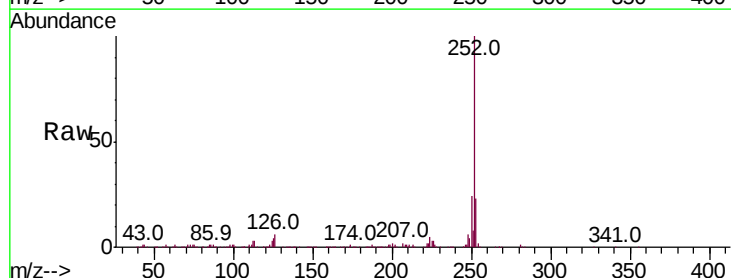
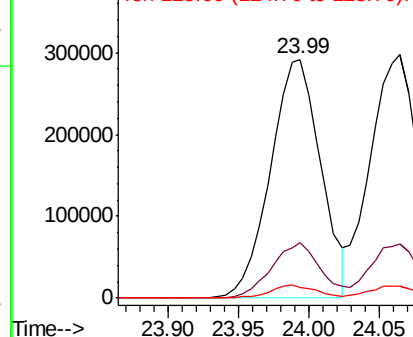
Delta R.T. 0.00 min

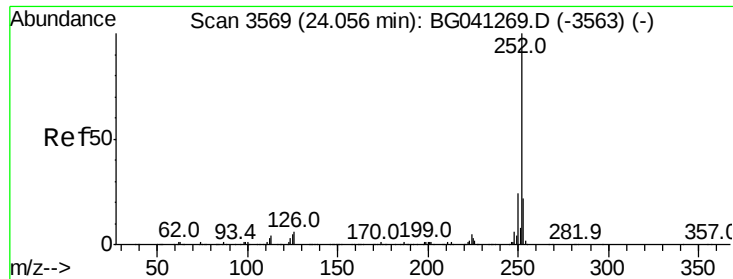
Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 724319 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.1  | 17.4  | 26.0   |
| 125       | 4.3   | 3.9   | 5.9    |

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





#89

Benzo(k)fluoranthene

Concen: 41.140 ng

RT: 24.06 min Scan# 3570

Delta R.T. 0.01 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

Instrument :

BNA\_G

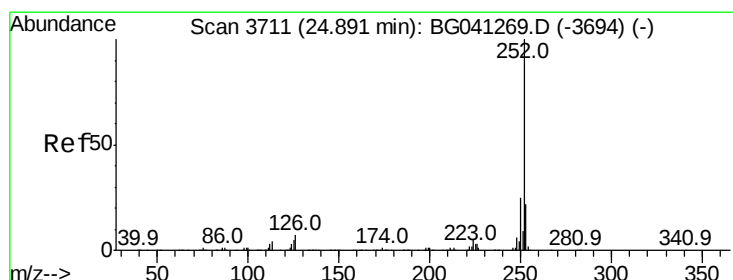
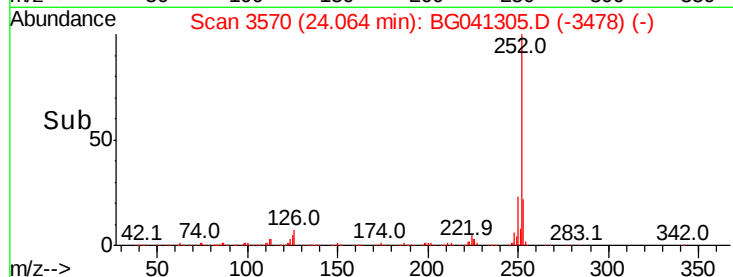
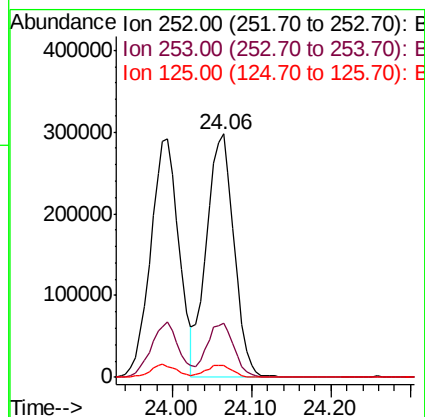
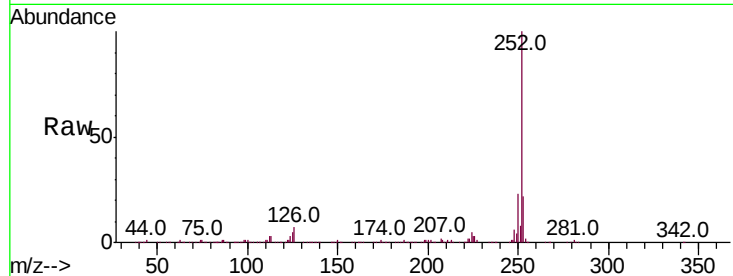
ClientSampleId :

T-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 716342 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 18.0  | 27.0   |
| 125       | 4.9   | 4.3   | 6.5    |

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#90

Benzo(a)pyrene

Concen: 42.680 ng

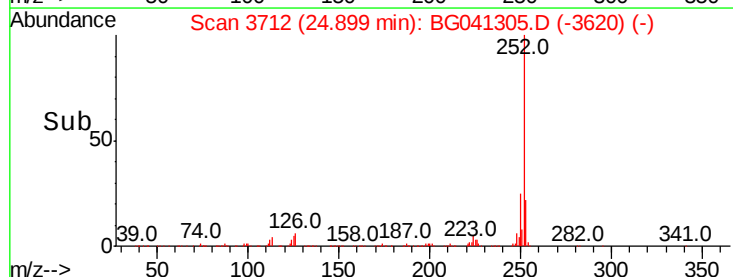
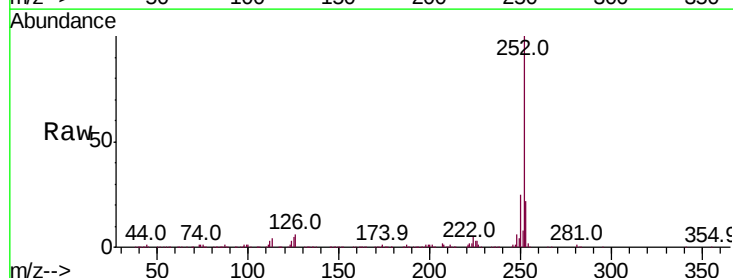
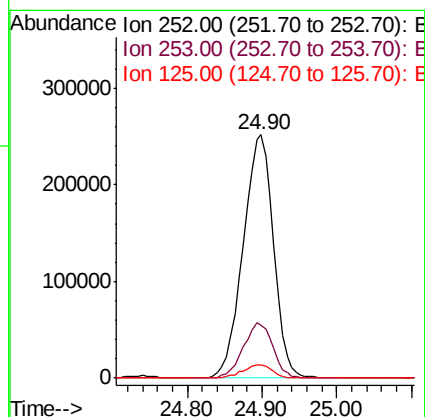
RT: 24.90 min Scan# 3712

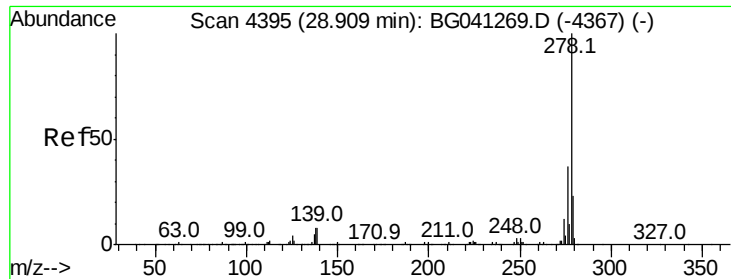
Delta R.T. 0.01 min

Lab File: BG041305.D

Acq: 18 Jun 2019 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 708492 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.8  | 26.6   |
| 125       | 5.4   | 4.2   | 6.4    |





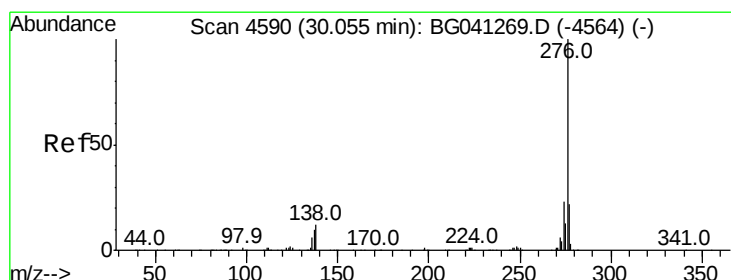
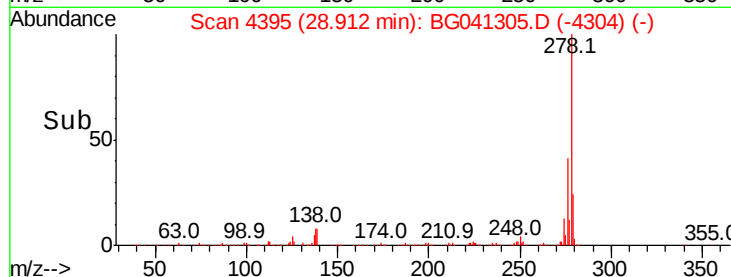
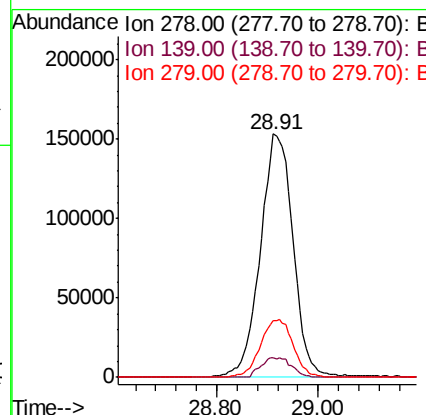
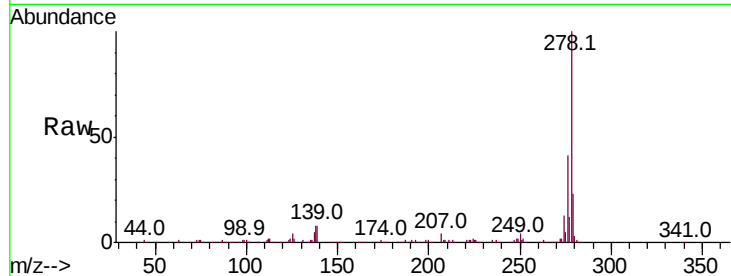
#91  
Dibenzo(a,h)anthracene  
Concen: 41.180 ng  
RT: 28.91 min Scan# 4395  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
T-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.1   | 6.6   | 10.0  |
| 279     | 23.5  | 18.5  | 27.7  |

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#92  
Benzo(g,h,i)perylene  
Concen: 41.556 ng  
RT: 30.06 min Scan# 4590  
Delta R.T. 0.00 min  
Lab File: BG041305.D  
Acq: 18 Jun 2019 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 17.9  | 26.9  |
| 138     | 11.1  | 9.4   | 14.0  |

