

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\  
 Data File : BG041468.D  
 Acq On : 26 Jun 2019 13:29  
 Operator : HP/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

mohammad  
 6/28/2019 8:26:50 AM

Quant Time: Jun 26 14:13:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 26 13:18:22 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 29331    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 115210   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.68 | 164  | 80009    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.43 | 188  | 212918   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.71 | 240  | 219841   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.99 | 264  | 232101   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 252877  | 158.41 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 360070  | 155.61 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 423731  | 154.68 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 208023  | 169.36 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.30 | 172 | 976230  | 165.84 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1720508 | 155.10 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88  | 57725  | 72.114 | ng | 98     |
| 3) Pyridine                    | 3.82  | 79  | 143646 | 67.645 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 86383  | 76.281 | ng | # 91   |
| 6) Aniline                     | 7.36  | 93  | 239660 | 74.515 | ng | 98     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 145052 | 77.333 | ng | 95     |
| 9) Benzaldehyde                | 7.17  | 77  | 88286  | 59.654 | ng | 90     |
| 10) Phenol                     | 7.22  | 94  | 191332 | 76.895 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 145114 | 76.863 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 186603 | 79.455 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.07  | 146 | 188383 | 78.525 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 179181 | 78.197 | ng | 96     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 159157 | 71.791 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 202842 | 65.631 | ng | 97     |
| 17) 2-Methylphenol             | 8.48  | 107 | 136973 | 76.999 | ng | 96     |
| 18) Hexachloroethane           | 9.11  | 117 | 74449  | 78.313 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 136622 | 73.003 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 188090 | 79.425 | ng | 95     |
| 22) Acetophenone               | 8.87  | 105 | 265629 | 79.230 | ng | # 97   |
| 24) Nitrobenzene               | 9.26  | 77  | 212961 | 77.296 | ng | 100    |
| 25) Isophorone                 | 9.77  | 82  | 384415 | 76.488 | ng | 97     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 92431  | 82.751 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 127384 | 76.082 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 204500 | 78.093 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 171729 | 82.721 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 215496 | 81.050 | ng | 98     |
| 31) Naphthalene                | 10.91 | 128 | 490957 | 78.409 | ng | 98     |
| 32) Benzoic acid               | 10.23 | 122 | 95502  | 87.623 | ng | 95     |
| 33) 4-Chloroaniline            | 11.03 | 127 | 213298 | 80.210 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 167884 | 79.548 | ng | 98     |
| 35) Caprolactam                | 11.85 | 113 | 54079m | 75.667 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 185201 | 77.233 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 365135 | 79.175 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.73 | 142 | 346007 | 78.418 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 280161 | 84.799 | ng | 99     |

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 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

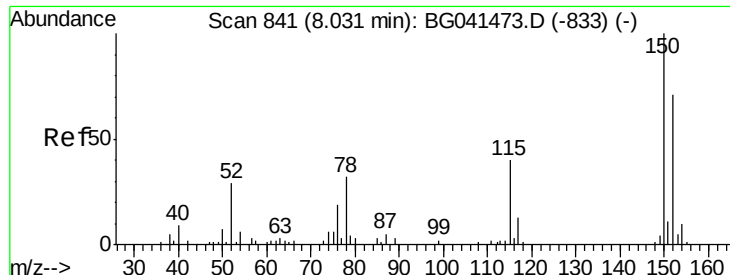
mohammad  
 6/28/2019 8:26:50 AM

Quant Time: Jun 26 14:13:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 26 13:18:22 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 168514   | 75.722 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 167082   | 81.752 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 164845   | 78.389 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 501503   | 82.912 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 429018   | 82.384 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.78 | 65   | 150136   | 78.721 | ng    | 95       |
| 49) Acenaphthylene             | 14.41 | 152  | 643988   | 81.495 | ng    | 97       |
| 50) Dimethylphthalate          | 14.13 | 163  | 573210   | 80.520 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.27 | 165  | 123242   | 82.104 | ng    | 97       |
| 52) Acenaphthene               | 14.75 | 154  | 384092   | 82.774 | ng    | 94       |
| 53) 3-Nitroaniline             | 14.61 | 138  | 120254   | 81.314 | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 85204    | 88.617 | ng    | 87       |
| 55) Dibenzofuran               | 15.08 | 168  | 654206   | 81.087 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 85034    | 82.760 | ng    | 86       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 178113   | 81.173 | ng    | 95       |
| 58) Fluorene                   | 15.73 | 166  | 521727   | 82.206 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 170448m  | 78.380 | ng    |          |
| 60) Diethylphthalate           | 15.49 | 149  | 584955   | 80.842 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 342716   | 82.996 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 120457   | 76.156 | ng    | 97       |
| 63) Azobenzene                 | 16.01 | 77   | 496089   | 76.851 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 117457   | 84.990 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 466360   | 82.491 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 230686   | 83.791 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.73 | 284  | 245810   | 83.379 | ng    | 97       |
| 69) Atrazine                   | 16.87 | 200  | 75848    | 41.134 | ng    | 97       |
| 70) Pentachlorophenol          | 17.07 | 266  | 113328   | 75.071 | ng    | 95       |
| 71) Phenanthrene               | 17.47 | 178  | 904513   | 79.653 | ng    | 98       |
| 72) Anthracene                 | 17.57 | 178  | 903640   | 80.717 | ng    | 99       |
| 73) Carbazole                  | 17.84 | 167  | 784536   | 80.109 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 979232   | 80.136 | ng    | 98       |
| 75) Fluoranthene               | 19.48 | 202  | 1175854  | 77.942 | ng    | 98       |
| 77) Benzidine                  | 19.67 | 184  | 246739   | 46.402 | ng    | 99       |
| 78) Pyrene                     | 19.84 | 202  | 1171994  | 79.049 | ng    | 96       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 457526   | 81.585 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1173572  | 78.842 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 407493   | 77.985 | ng    | 100      |
| 83) Chrysene                   | 21.75 | 228  | 1124636  | 78.565 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 627902   | 82.159 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.77 | 149  | 1041127  | 80.520 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.79 | 276  | 1343799  | 79.124 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.95 | 252  | 1142940  | 79.458 | ng    | # 99     |
| 89) Benzo(k)fluoranthene       | 24.02 | 252  | 1143502  | 80.249 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.84 | 252  | 1090756  | 80.294 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.85 | 278  | 1080544  | 79.008 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.99 | 276  | 1076895  | 79.678 | ng    | 97       |

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





#1

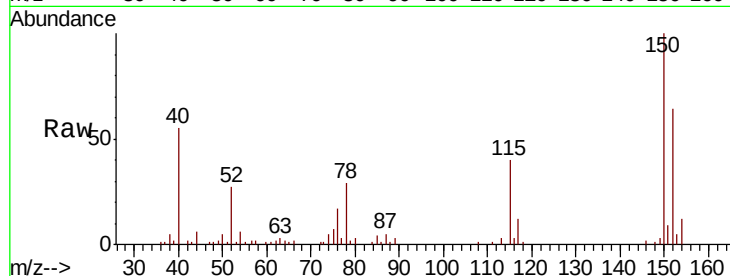
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.03 min Scan# 841  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.7 | 115.9 | 173.9 |
| 115     | 62.1  | 46.5  | 69.7  |

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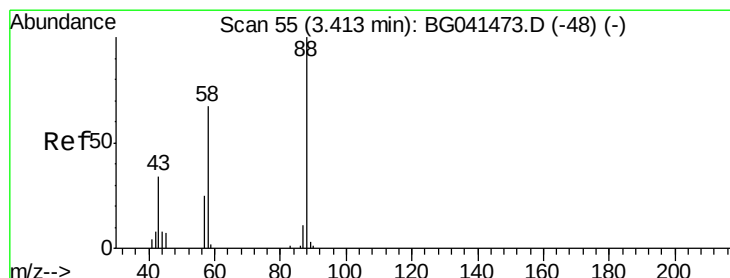
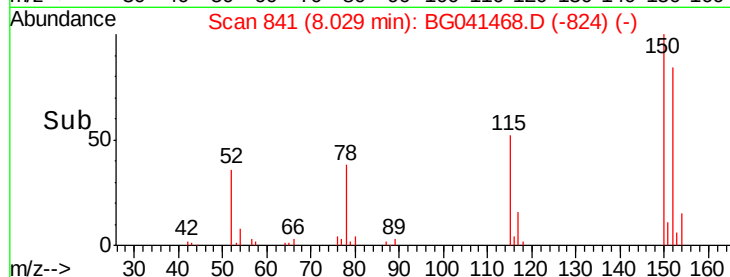
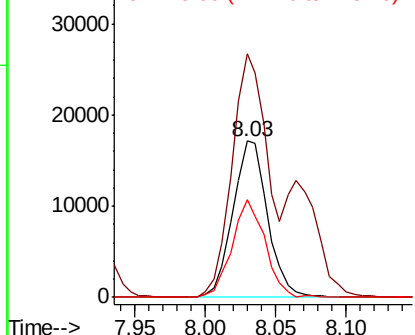


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

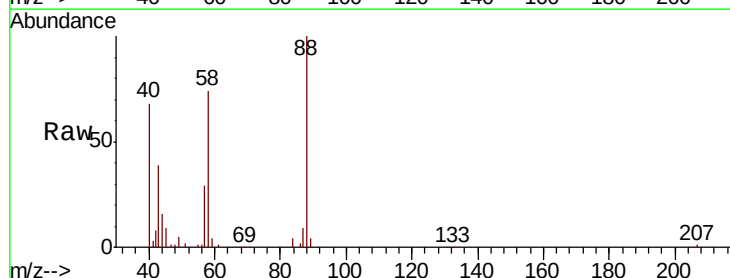
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 72.114 ng  
RT: 3.41 min Scan# 55  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.2  | 56.1  | 84.1  |
| 43      | 36.4  | 31.0  | 46.6  |

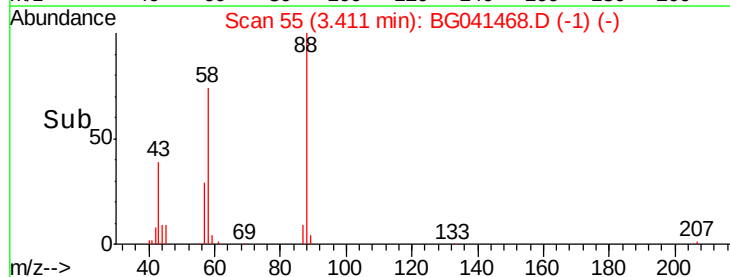
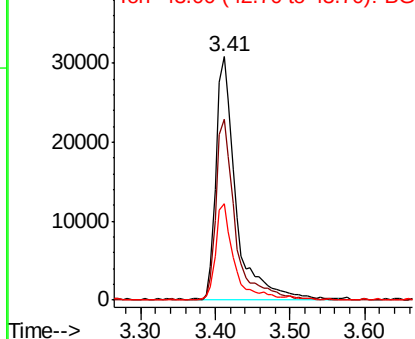


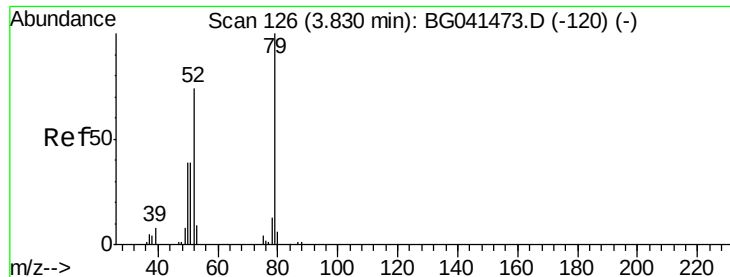
Abundance

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: 67.645 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

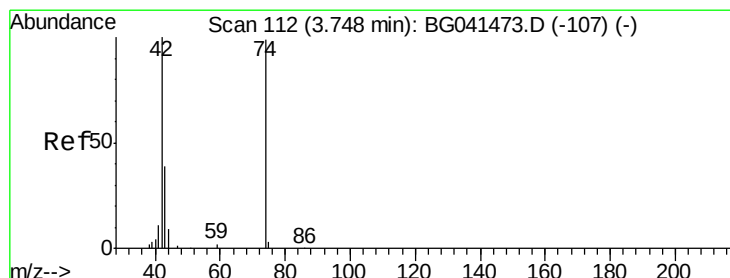
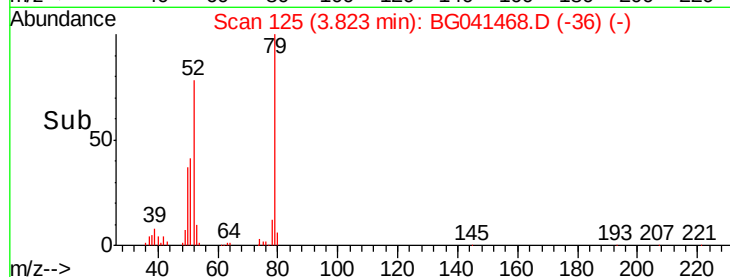
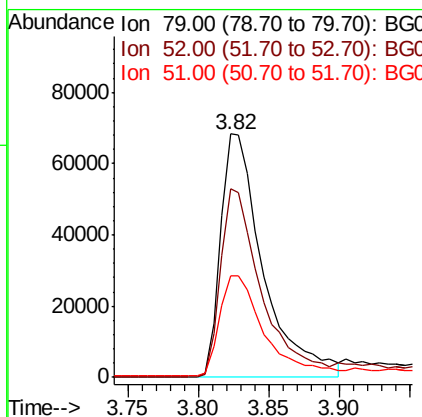
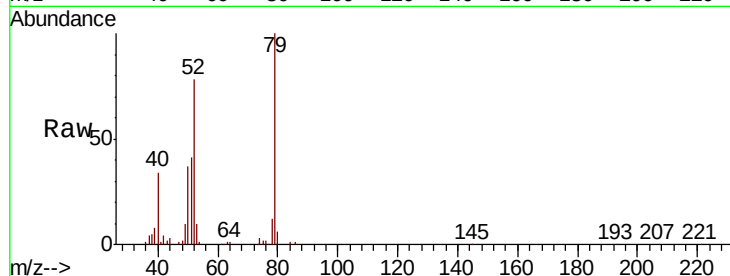
ClientSampleId :

SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 143646 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 77.6  | 60.5  | 90.7   |
| 51       | 41.4  | 33.4  | 50.0   |

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#4

n-Nitrosodimethylamine

Concen: 76.281 ng

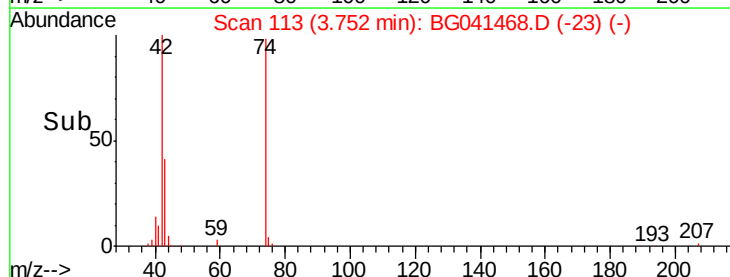
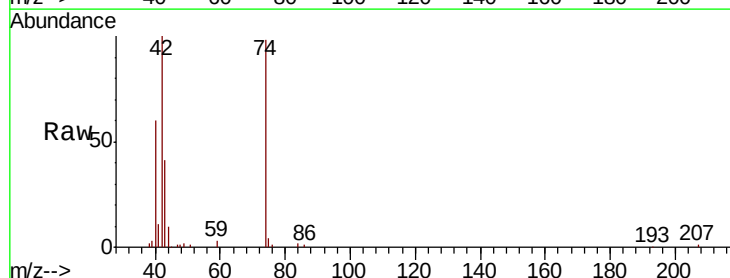
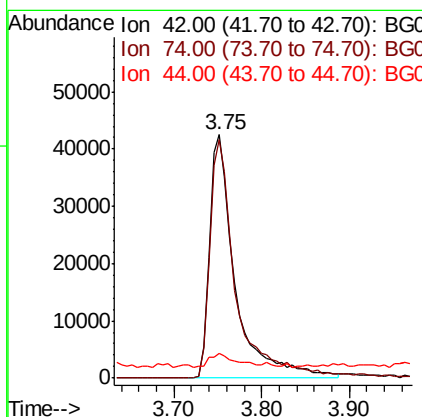
RT: 3.75 min Scan# 113

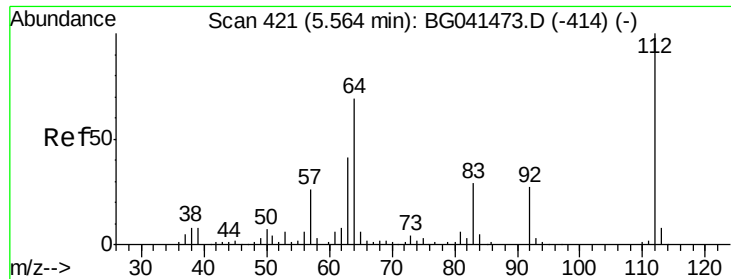
Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 86383 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 97.7  | 71.1  | 106.7 |
| 44       | 9.9   | 10.8  | 16.2# |





#5

2-Fluorophenol

Concen: 158.413 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

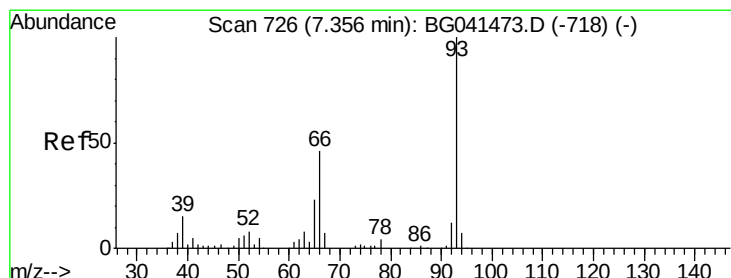
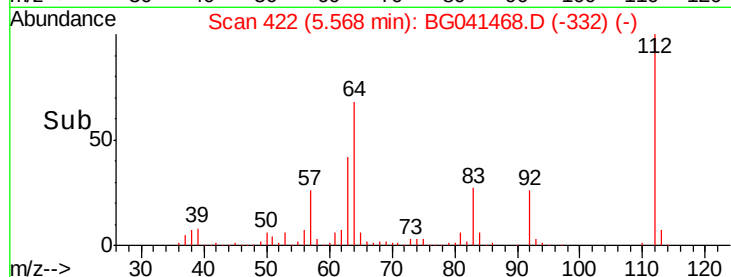
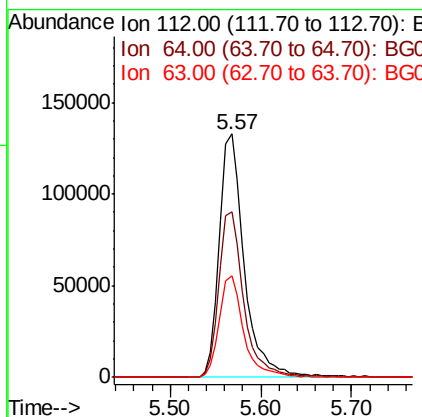
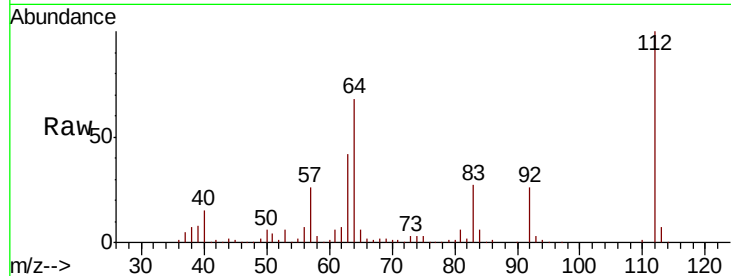
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 252877 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.8  | 55.4  | 83.2   |
| 63        | 41.9  | 36.2  | 54.2   |

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#6

Aniline

Concen: 74.515 ng

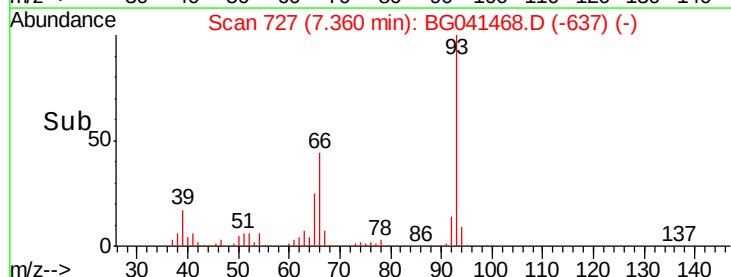
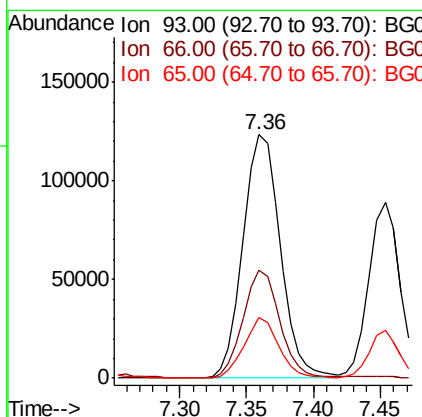
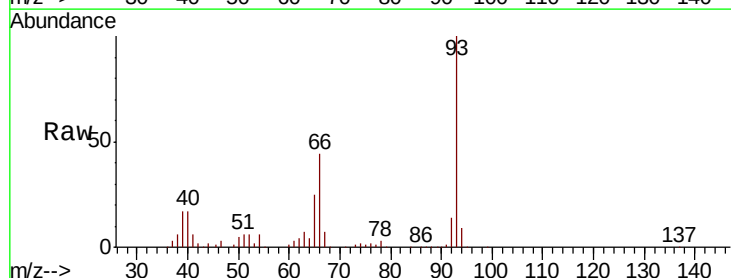
RT: 7.36 min Scan# 727

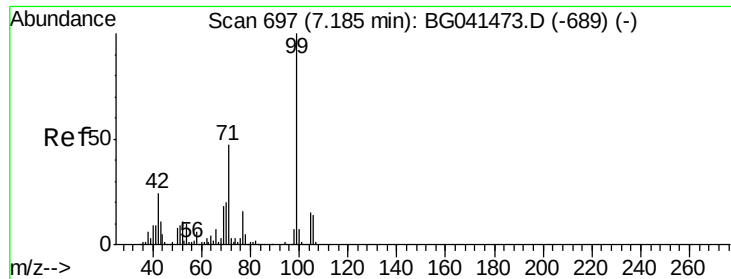
Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 239660 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.1  | 34.9  | 52.3   |
| 65        | 24.8  | 18.4  | 27.6   |





#7

Phenol-d6

Concen: 155.613 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

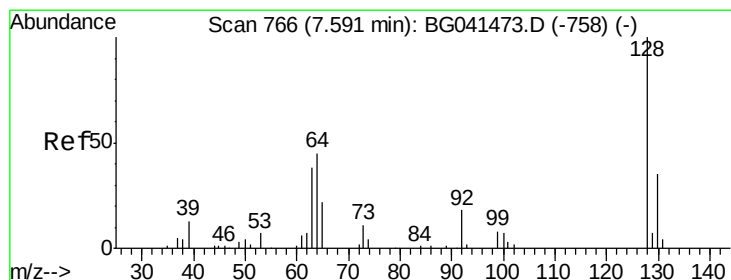
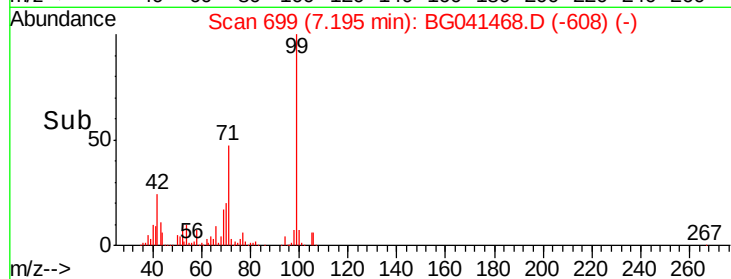
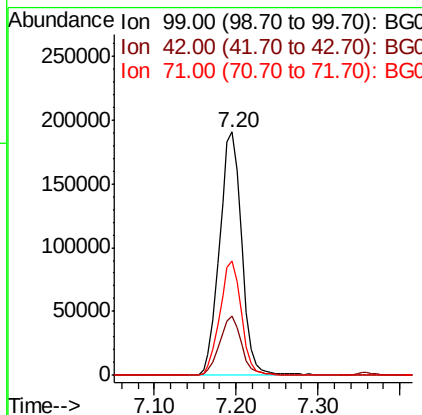
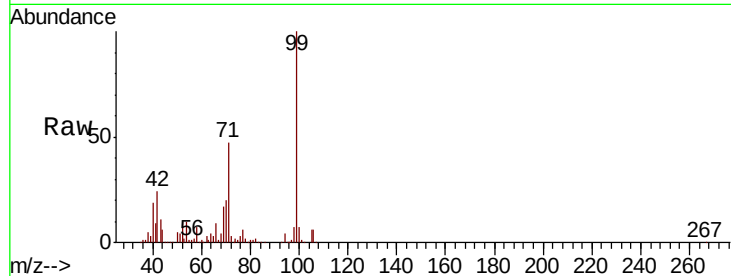
ClientSampleId :

SSTDIC080

| Tot Ion | 99    | Resp  | 360070 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 99      | 100   |       |        |
| 42      | 24.4  | 20.0  | 30.0   |
| 71      | 46.8  | 38.7  | 58.1   |

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#8

2-Chlorophenol

Concen: 77.333 ng

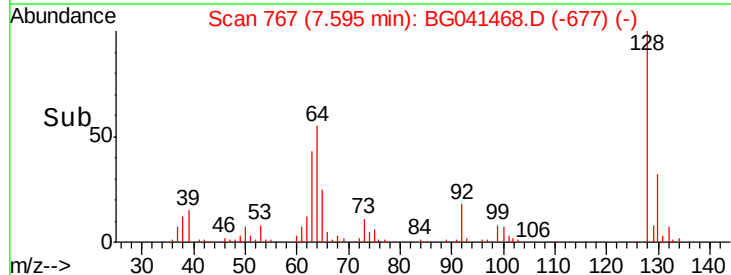
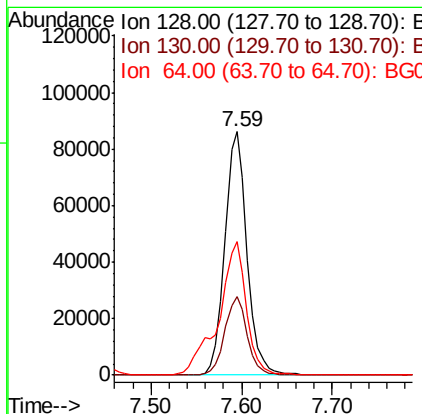
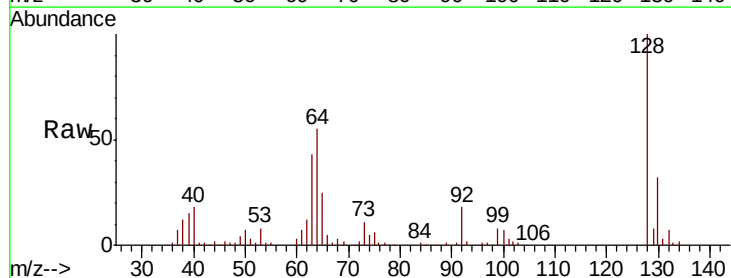
RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

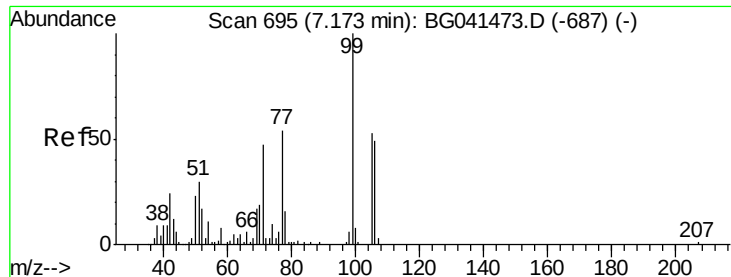
Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

| Tgt Ion | 128   | Resp  | 145052 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 130     | 32.0  | 10.1  | 50.1   |
| 64      | 54.9  | 30.9  | 70.9   |







#9

Benzaldehyde

Concen: 59.654 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

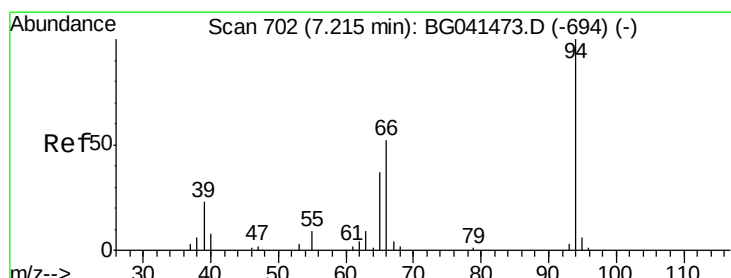
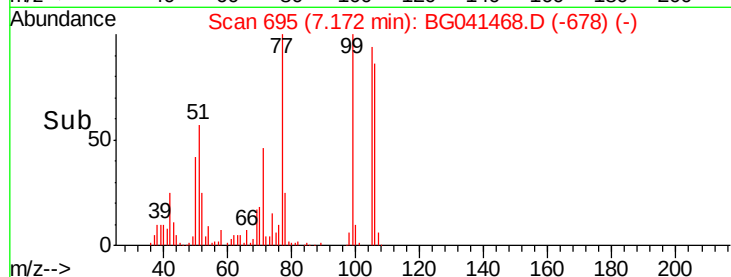
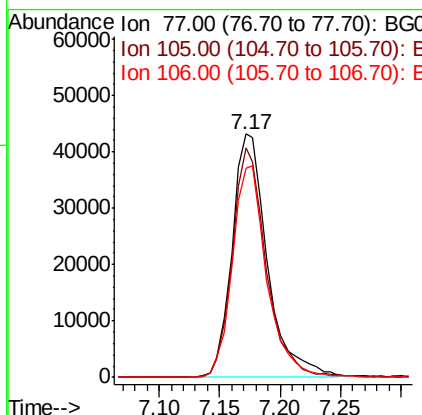
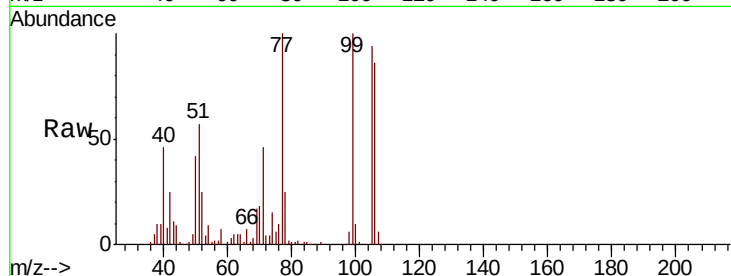
ClientSampleId :

SSTDIC080

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 88286 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 94.4  | 65.8  | 105.8 |
| 106      | 85.7  | 55.9  | 95.9  |

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#10

Phenol

Concen: 76.895 ng

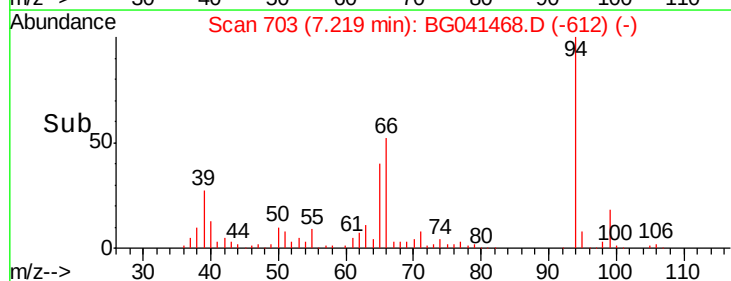
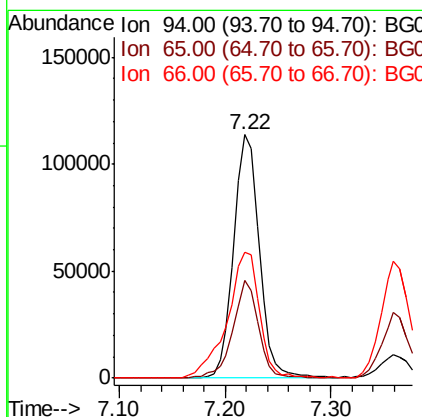
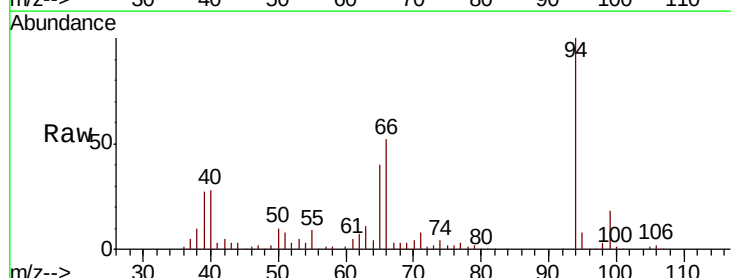
RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

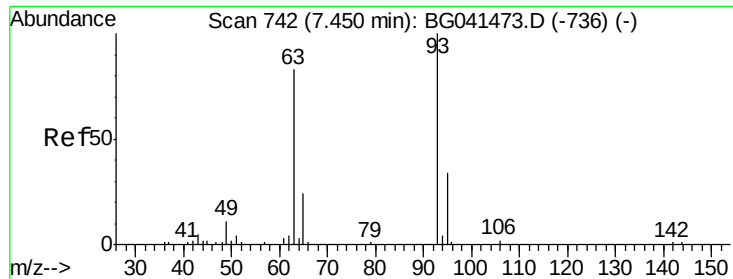
Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 191332 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 39.9  | 16.4  | 56.4   |
| 66       | 51.7  | 32.3  | 72.3   |







#11

bis(2-Chloroethyl)ether

Concen: 76.863 ng

RT: 7.45 min Scan# 743

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

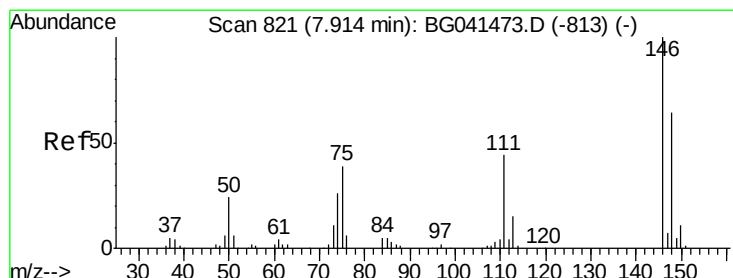
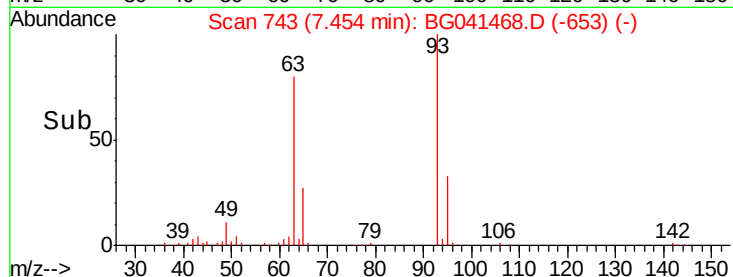
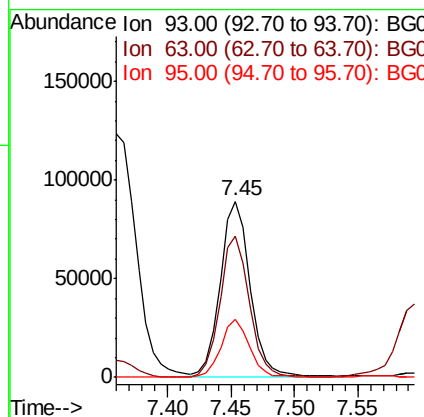
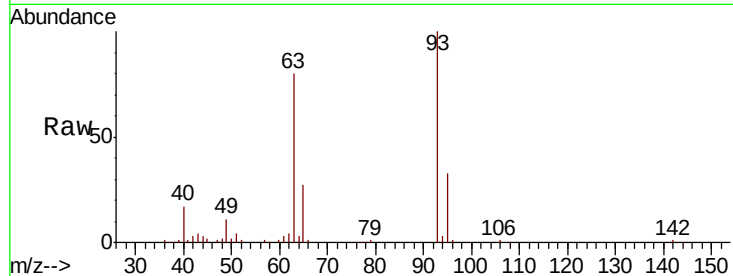
ClientSampleId :

SSTDIC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 145114 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 80.3  | 59.4  | 99.4   |
| 95       | 33.0  | 11.9  | 51.9   |

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#12

1,3-Dichlorobenzene

Concen: 79.455 ng

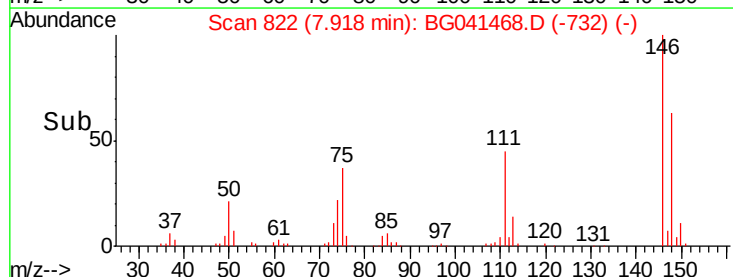
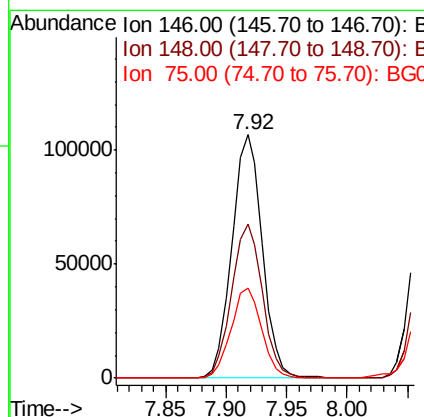
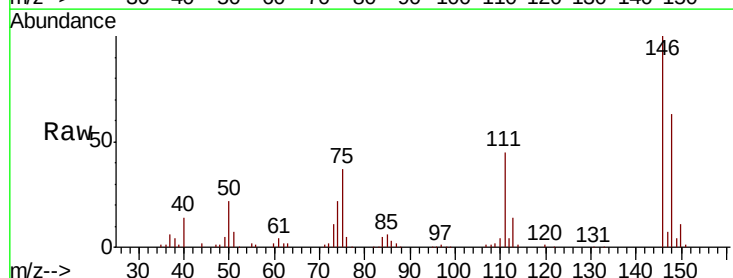
RT: 7.92 min Scan# 822

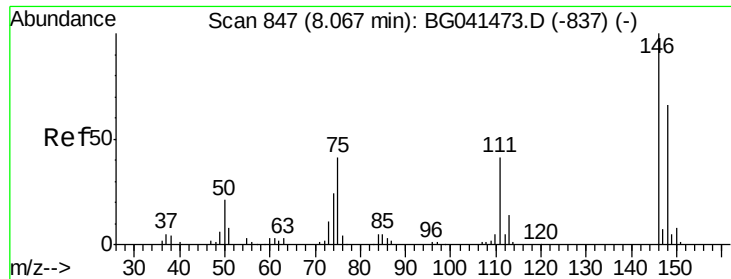
Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 186603 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.4  | 51.7  | 77.5   |
| 75       | 37.2  | 30.2  | 45.4   |





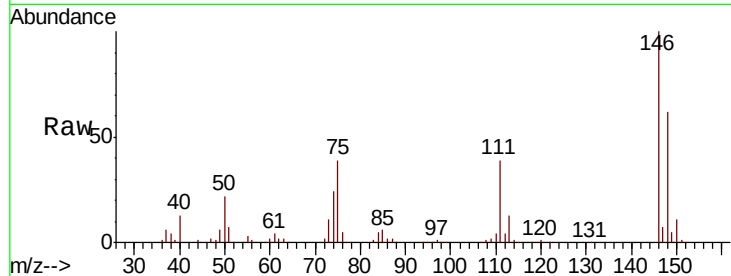
#13  
 1,4-Dichlorobenzene  
 Concen: 78.525 ng  
 RT: 8.07 min Scan# 848  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 54.1  | 81.1  |
| 111     | 39.4  | 31.9  | 47.9  |

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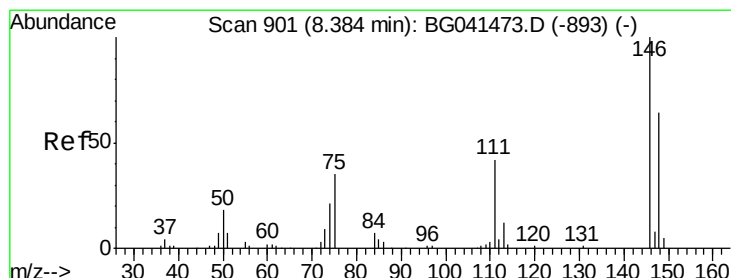
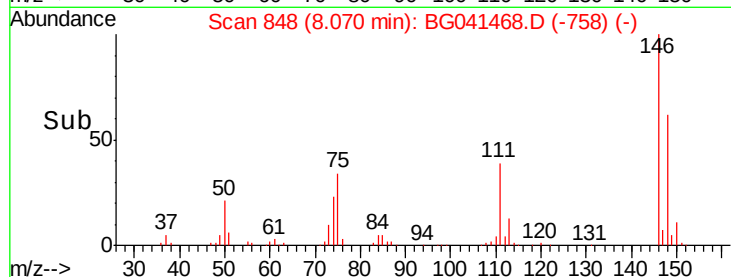
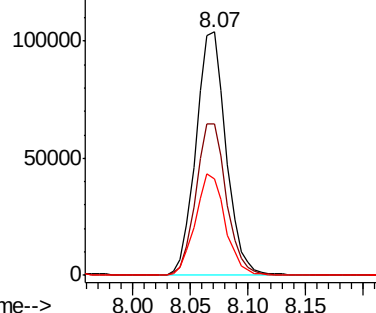


Abundance

Ion 146.00 (145.70 to 146.70): E

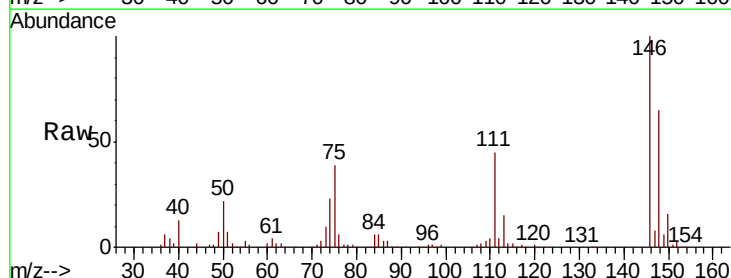
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 78.197 ng  
 RT: 8.39 min Scan# 902  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 50.8  | 76.2  |
| 111     | 45.4  | 39.8  | 59.6  |

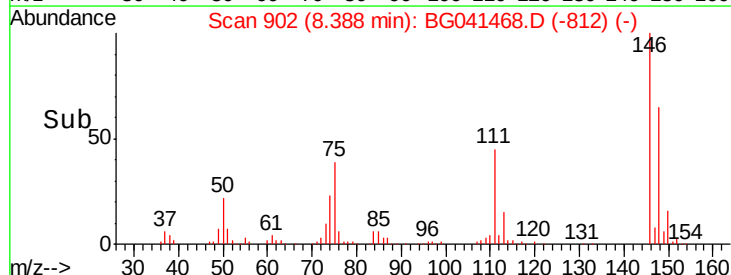
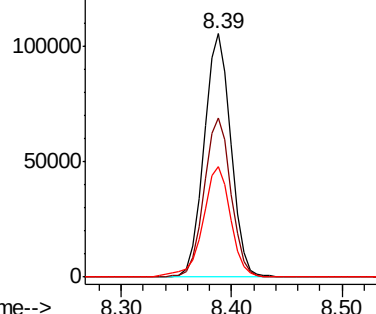


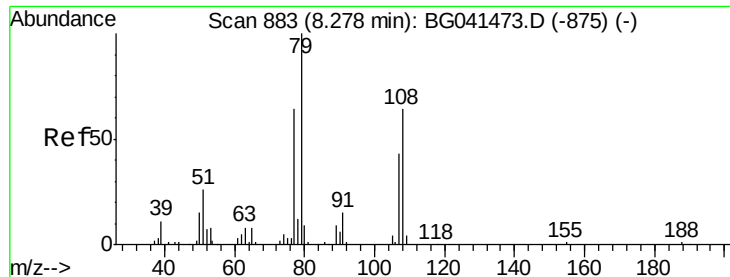
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 71.791 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.01 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

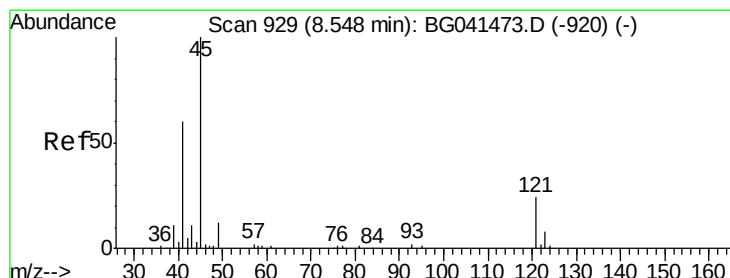
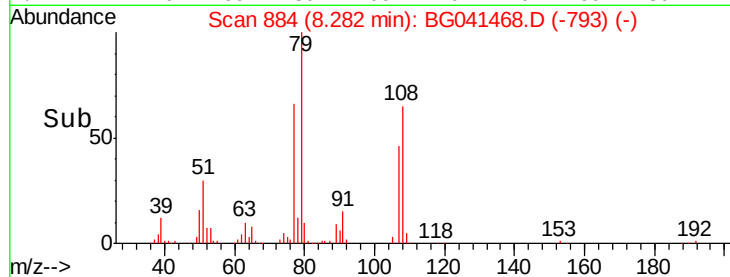
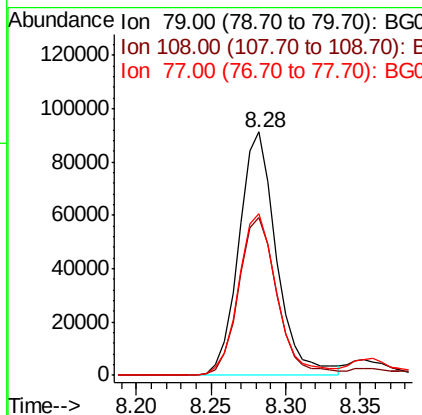
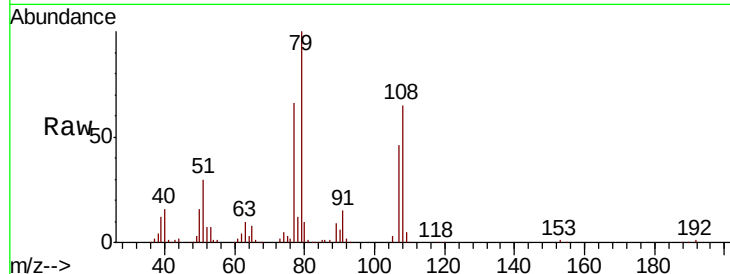
ClientSampleId :

SSTDIC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 159157 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 64.9  | 52.9  | 79.3   |
| 77       | 66.3  | 49.2  | 73.8   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 65.631 ng

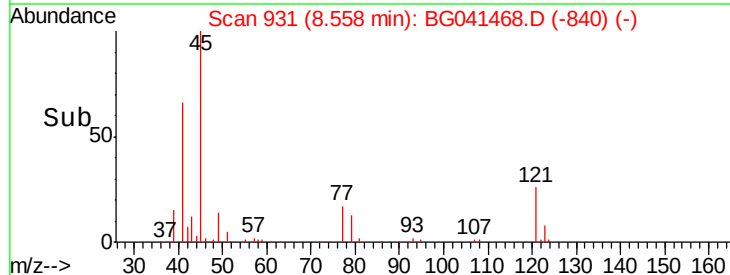
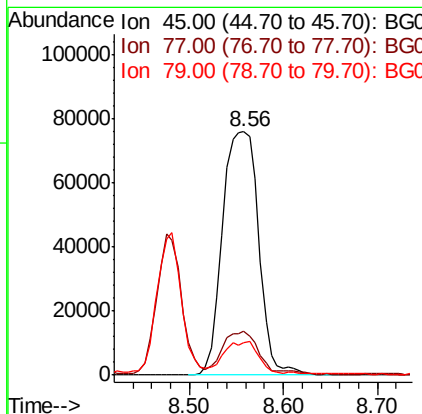
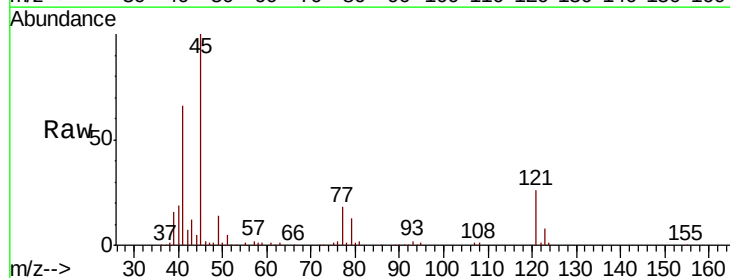
RT: 8.56 min Scan# 931

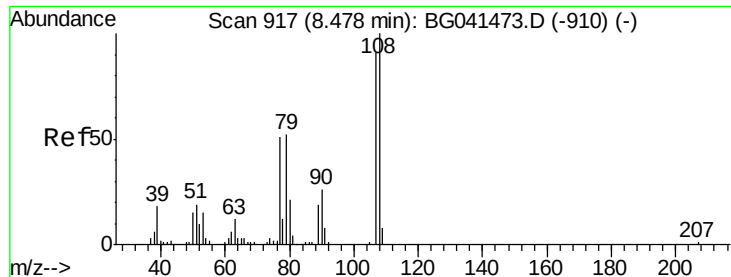
Delta R.T. 0.01 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 202842 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 17.9  | 0.0   | 36.0   |
| 79       | 13.4  | 0.0   | 32.7   |





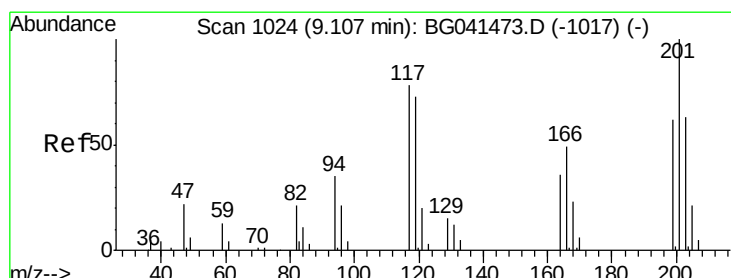
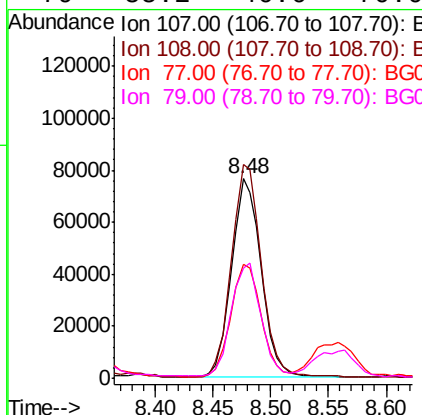
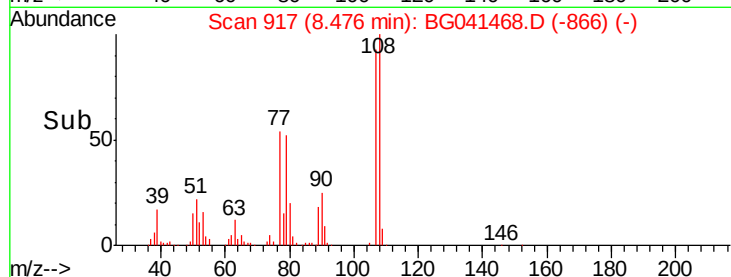
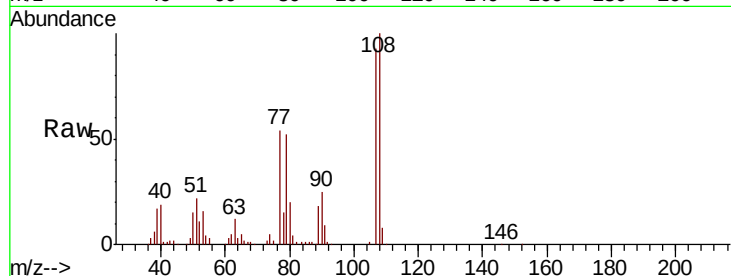
#17  
2-Methylphenol  
Concen: 76.999 ng  
RT: 8.48 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 107.2 | 82.3 | 123.5 |       |
| 77      | 57.4  | 47.7 | 71.5  |       |
| 79      | 55.2  | 46.6 | 70.0  |       |

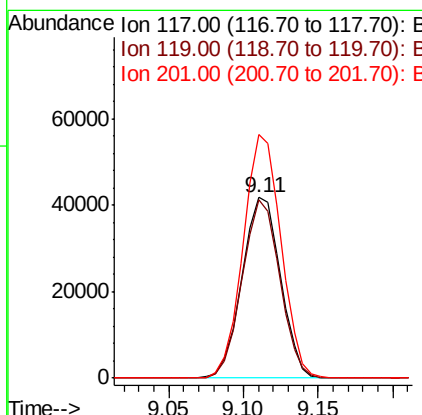
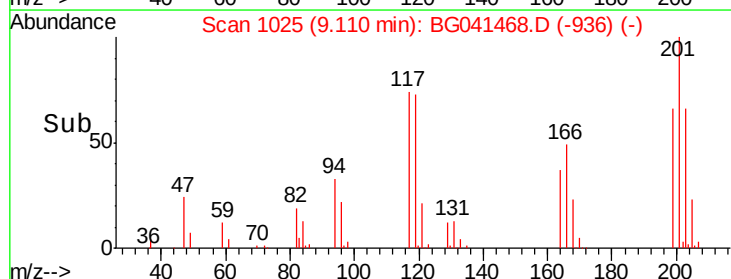
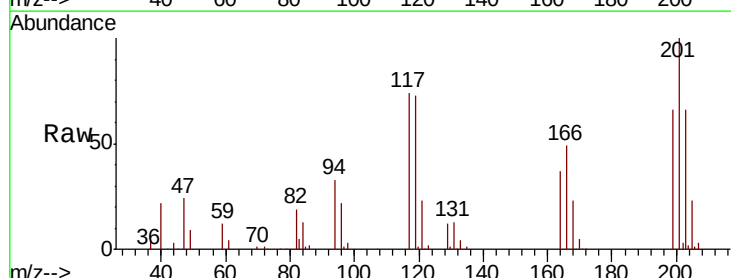
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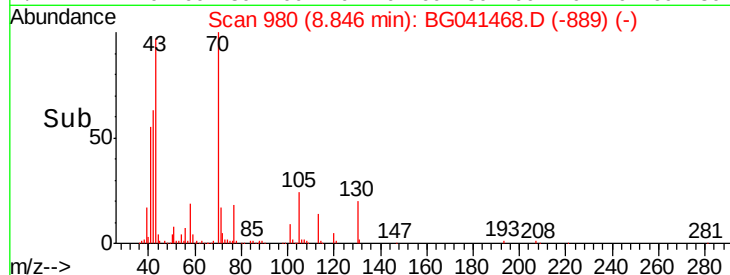
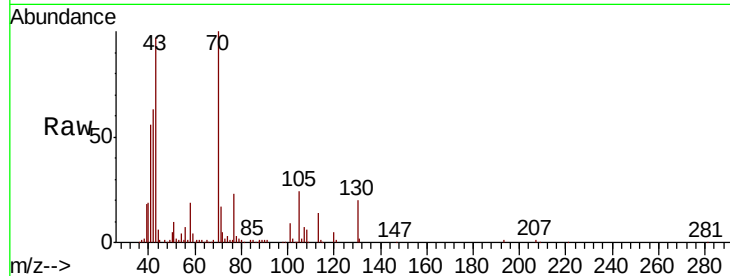
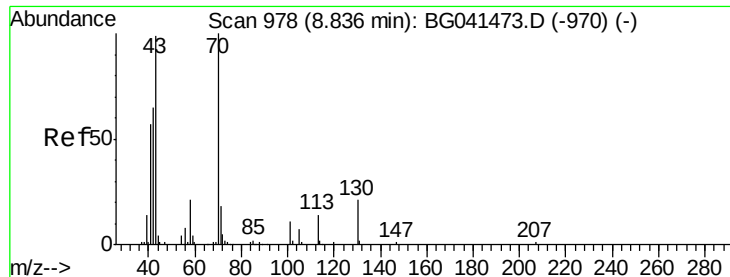
mohammad  
6/28/2019 8:26:50 AM



#18  
Hexachloroethane  
Concen: 78.313 ng  
RT: 9.11 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 98.8  | 73.2  | 109.8 |       |
| 201     | 134.9 | 107.4 | 161.0 |       |





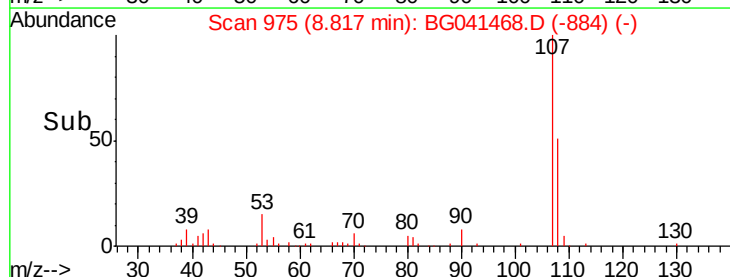
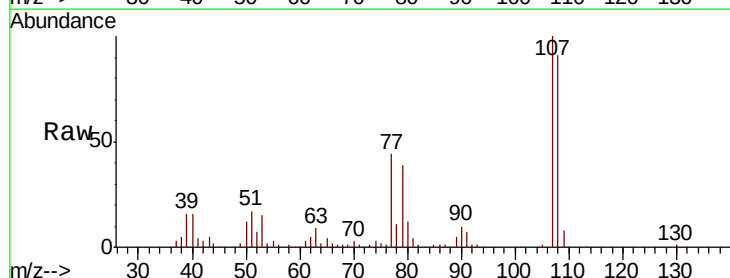
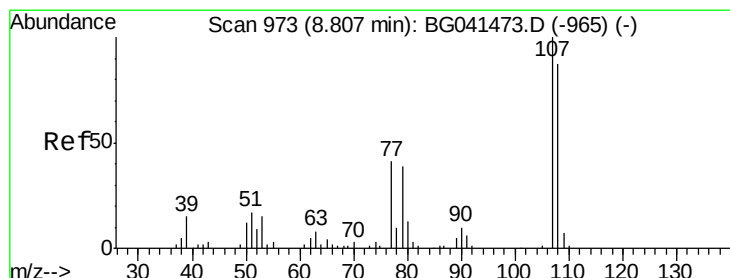
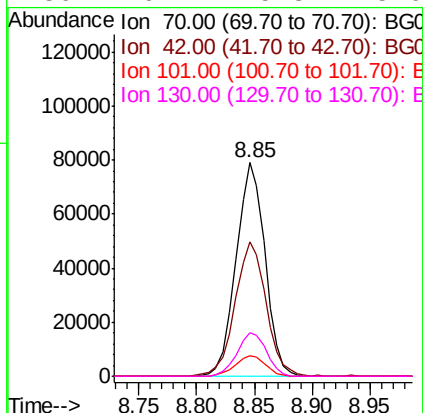
#19  
n-Nitroso-di-n-propylamine  
Concen: 73.003 ng  
RT: 8.85 min Scan# 980  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 62.8 | 48.5  | 72.7  |       |
| 101     | 9.5  | 7.9   | 11.9  |       |
| 130     | 20.4 | 15.8  | 23.6  |       |

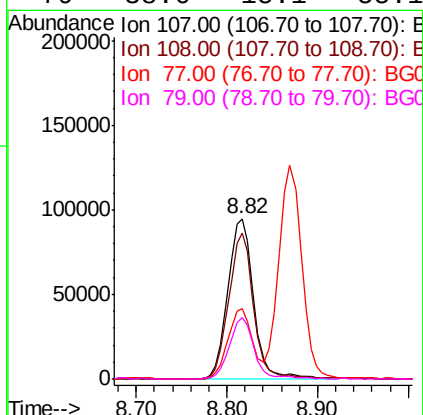
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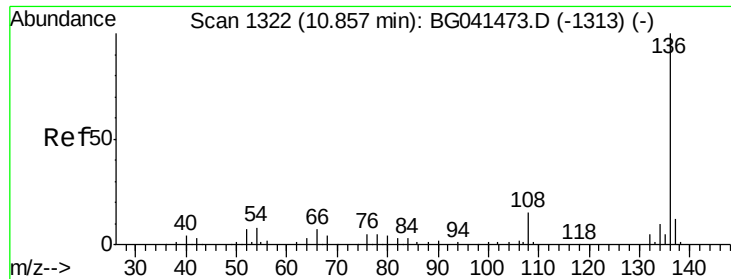
mohammad  
6/28/2019 8:26:50 AM



#20  
3+4-Methylphenols  
Concen: 79.425 ng  
RT: 8.82 min Scan# 975  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.2 | 65.4  | 105.4 |       |
| 77      | 43.7 | 22.6  | 62.6  |       |
| 79      | 38.6 | 15.1  | 55.1  |       |





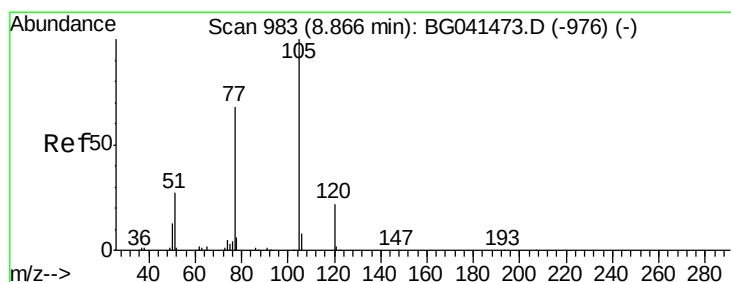
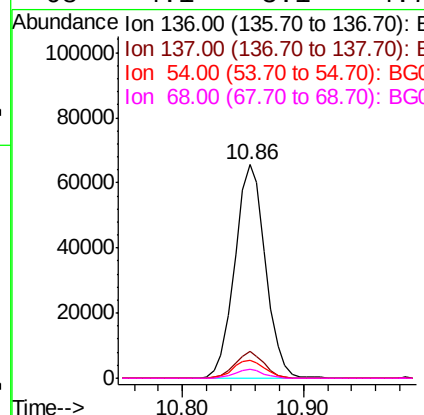
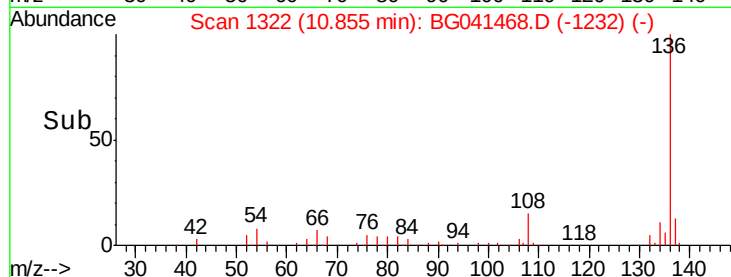
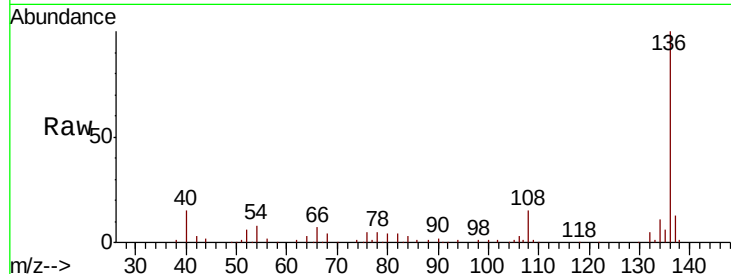
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 115210 |       |       |
| 137     | 12.8  |        | 9.4   | 14.0  |
| 54      | 8.1   |        | 6.1   | 9.1   |
| 68      | 4.1   |        | 3.1   | 4.7   |

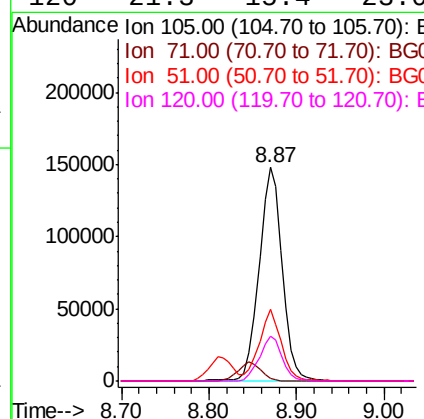
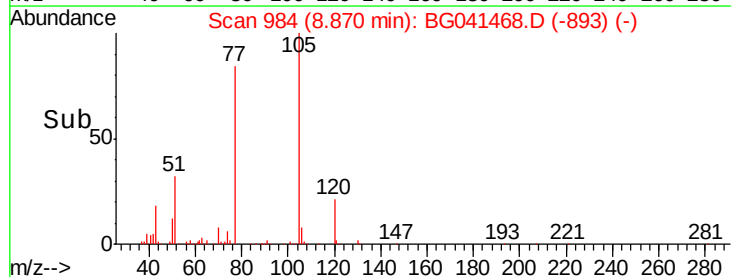
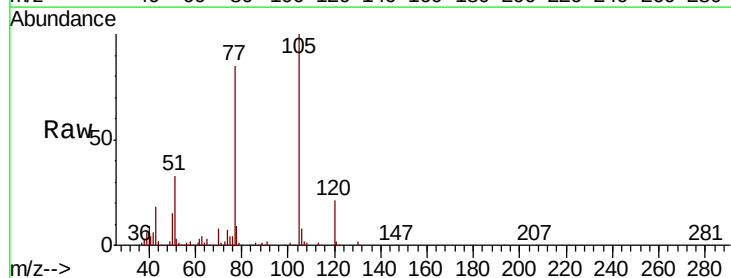
Manual Integrations  
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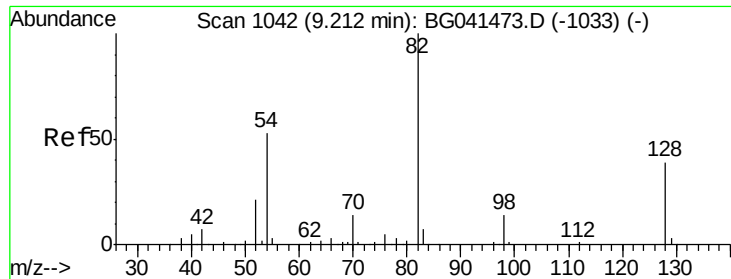
mohammad  
6/28/2019 8:26:50 AM



#22  
Acetophenone  
Concen: 79.230 ng  
RT: 8.87 min Scan# 984  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 265629 |       |       |
| 71      | 1.2   |        | 0.8   | 1.2#  |
| 51      | 33.3  |        | 25.5  | 38.3  |
| 120     | 21.3  |        | 15.4  | 23.0  |





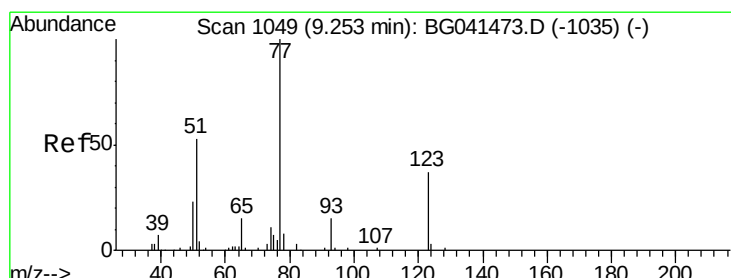
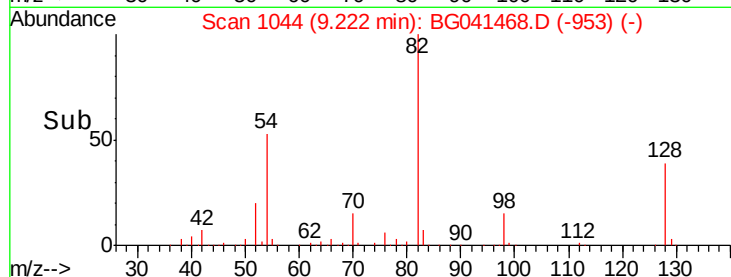
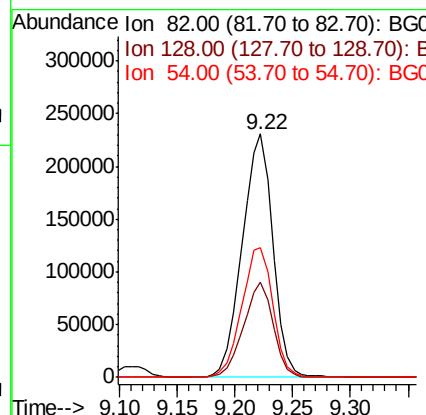
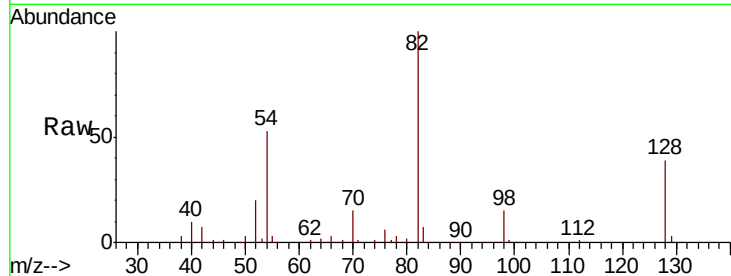
#23  
 Nitrobenzene-d5  
 Concen: 154.679 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. 0.01 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 423731 |       |       |
| 128     | 39.2  | 29.4   | 44.0  |       |
| 54      | 53.4  | 43.6   | 65.4  |       |

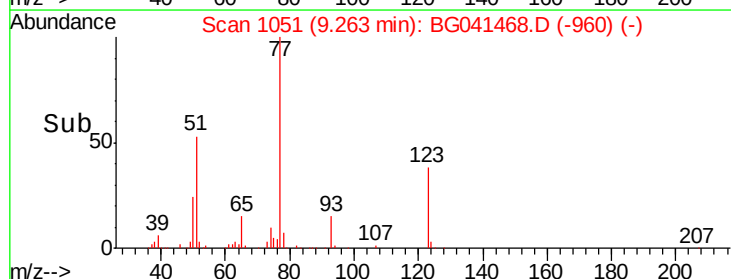
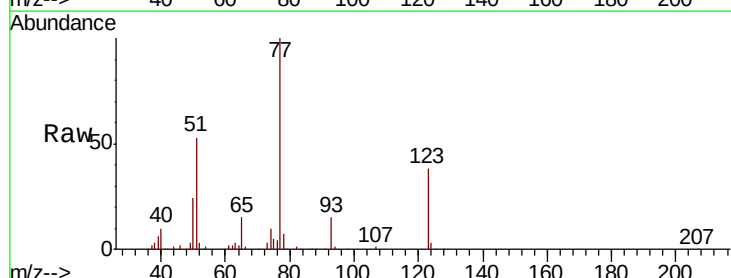
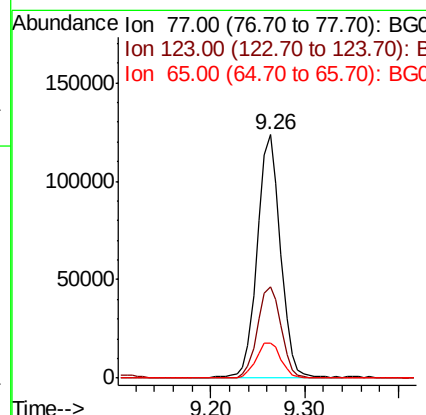
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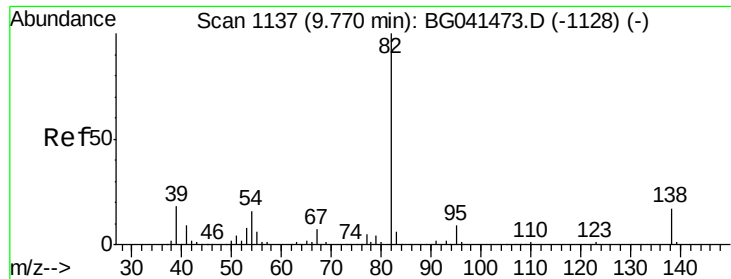


#24  
 Nitrobenzene  
 Concen: 77.296 ng  
 RT: 9.26 min Scan# 1051  
 Delta R.T. 0.01 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 212961 |       |       |
| 123     | 37.6  | 30.1   | 45.1  |       |
| 65      | 14.6  | 11.6   | 17.4  |       |







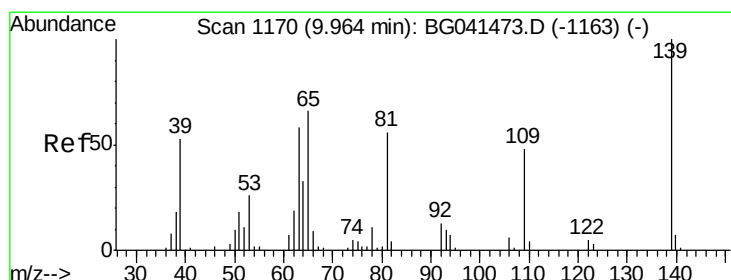
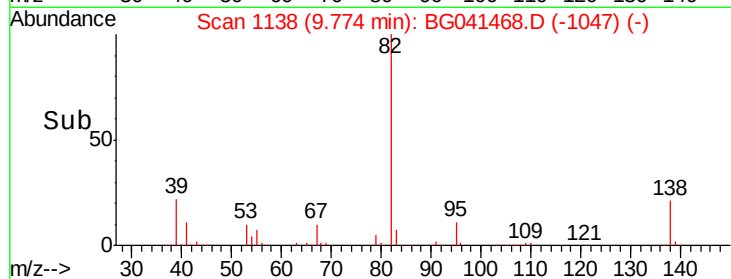
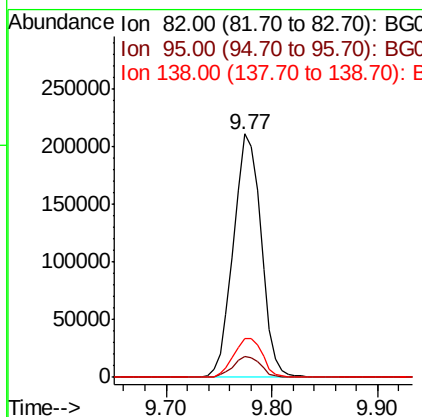
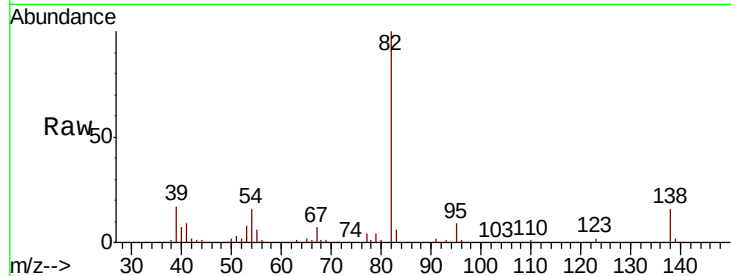
#25  
Isophorone  
Concen: 76.488 ng  
RT: 9.77 min Scan# 1138  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 384415 |       |       |
| 95      | 8.7   | 6.5    | 9.7   |       |
| 138     | 16.0  | 13.8   | 20.8  |       |

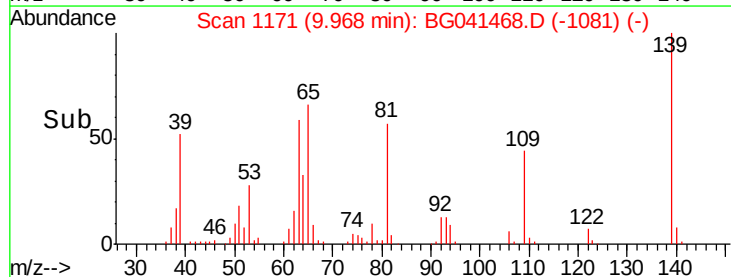
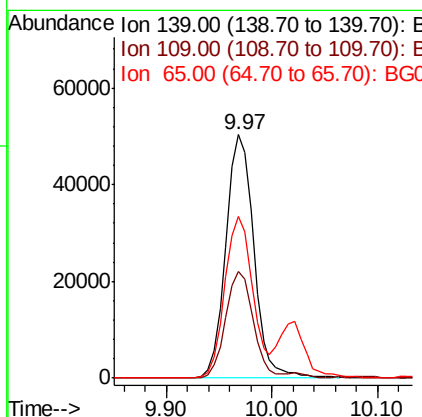
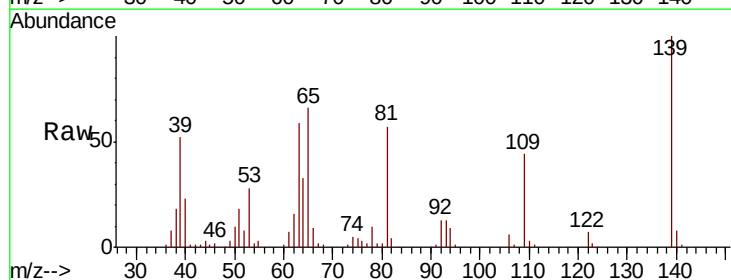
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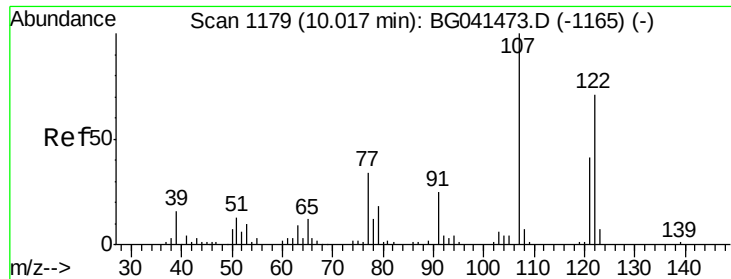
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#26  
2-Nitrophenol  
Concen: 82.751 ng  
RT: 9.97 min Scan# 1171  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 92431 |       |       |
| 109     | 43.6  | 36.6  | 55.0  |       |
| 65      | 66.3  | 56.6  | 85.0  |       |





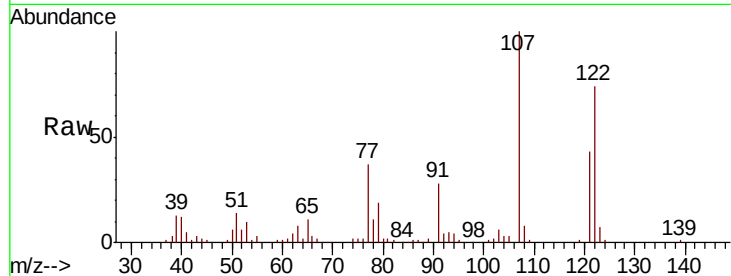
#27  
2,4-Dimethylphenol  
Concen: 76.082 ng  
RT: 10.02 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 135.9 | 111.1 | 166.7 |
| 121     | 58.7  | 49.0  | 73.6  |

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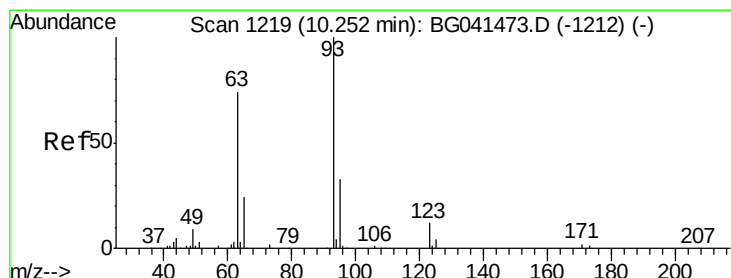
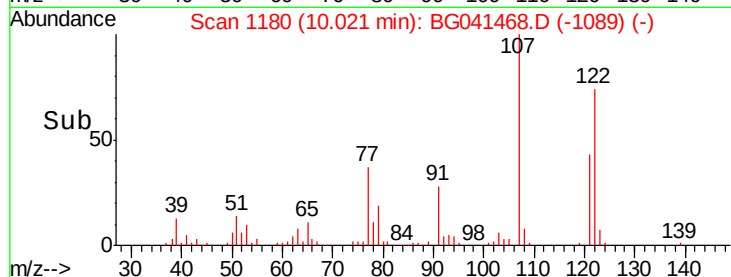
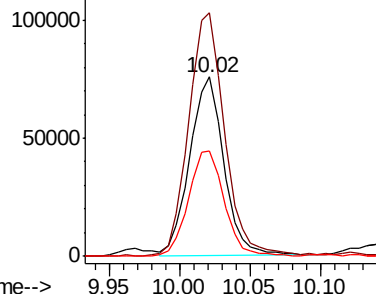


Abundance

Ion 122.00 (121.70 to 122.70): E

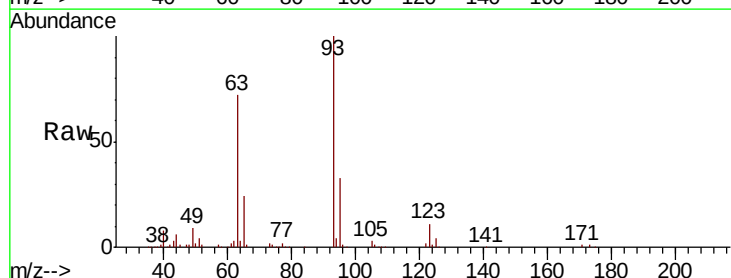
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 78.093 ng  
RT: 10.26 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 27.2  | 40.8  |
| 123     | 11.4  | 9.2   | 13.8  |

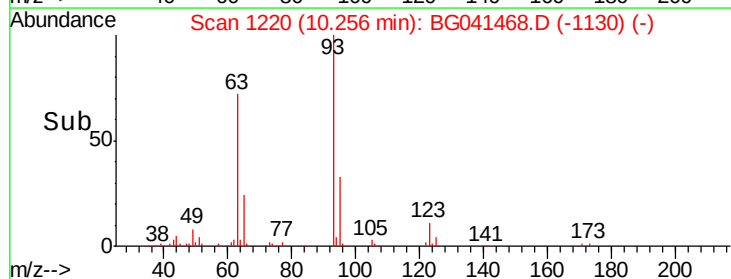
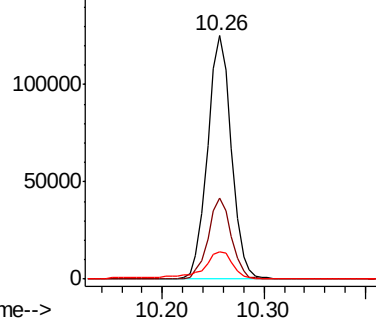


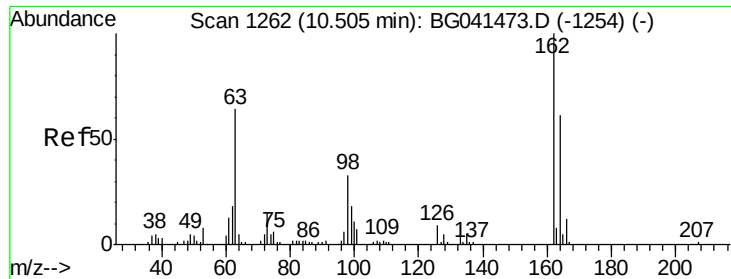
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





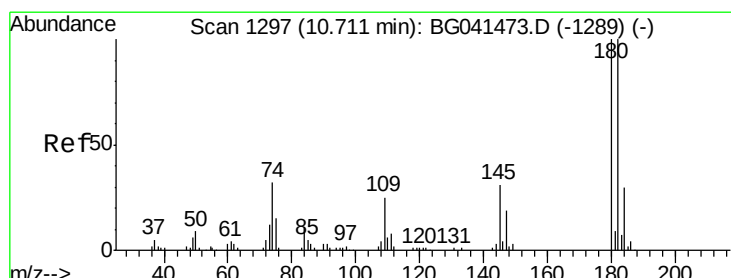
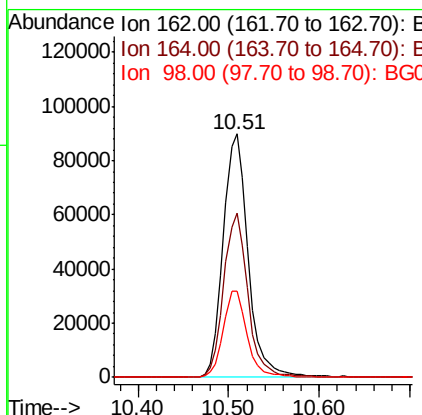
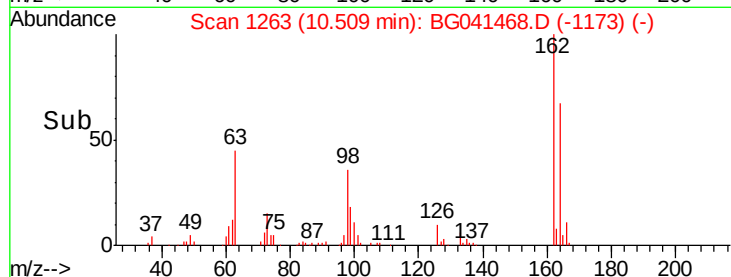
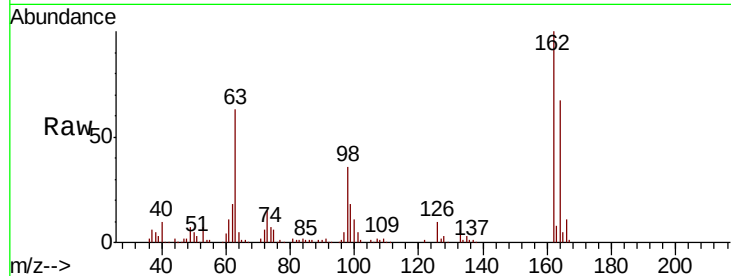
#29  
2,4-Dichlorophenol  
Concen: 82.721 ng  
RT: 10.51 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 171729 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 67.2  | 44.6  | 84.6   |
| 98        | 35.5  | 14.3  | 54.3   |

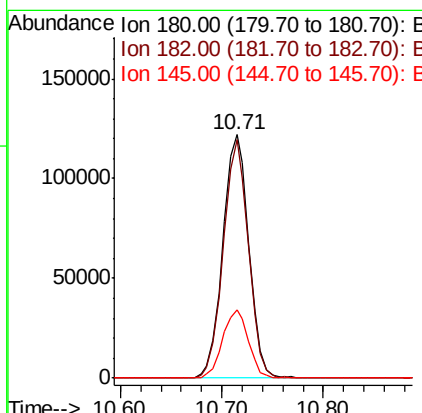
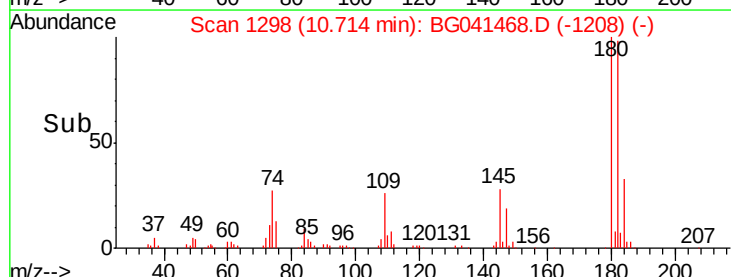
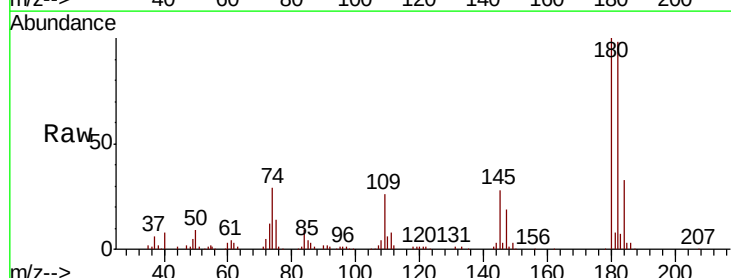
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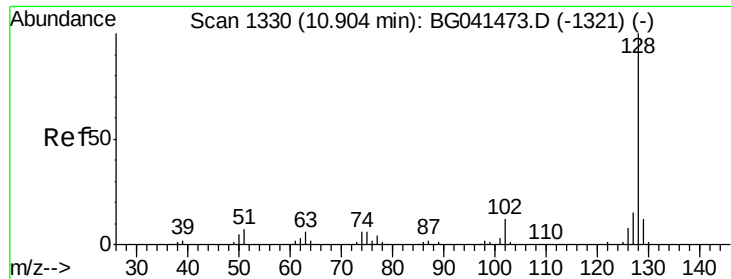
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#30  
1,2,4-Trichlorobenzene  
Concen: 81.050 ng  
RT: 10.71 min Scan# 1298  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 215496 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.9  | 79.8  | 119.8  |
| 145       | 28.0  | 23.5  | 35.3   |





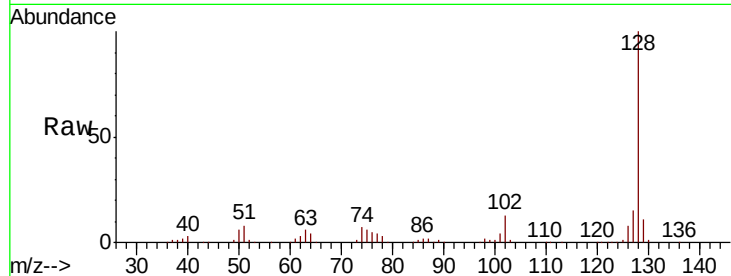
#31  
Naphthalene  
Concen: 78.409 ng  
RT: 10.91 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

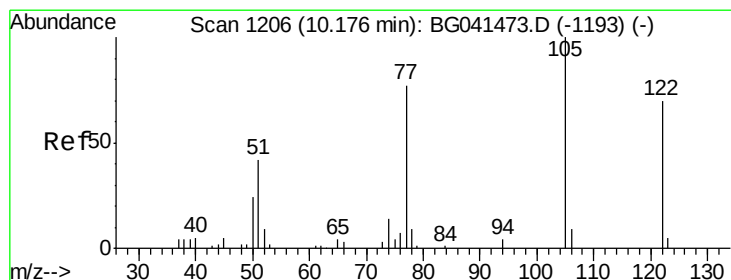
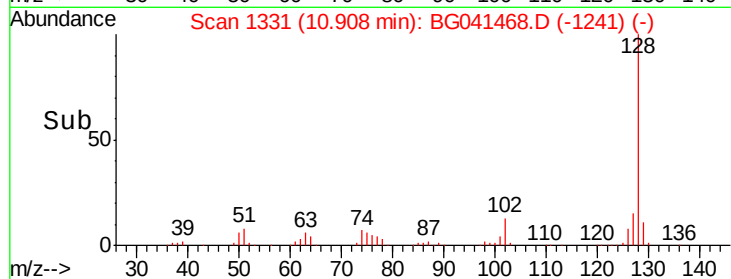
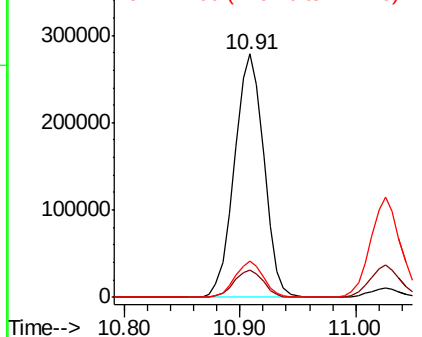
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.3   | 12.5  |
| 127     | 14.7  | 11.4  | 17.2  |

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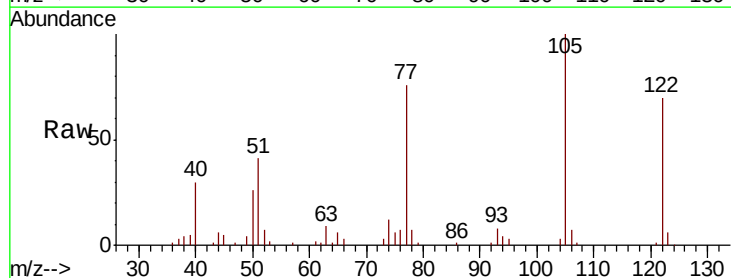


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

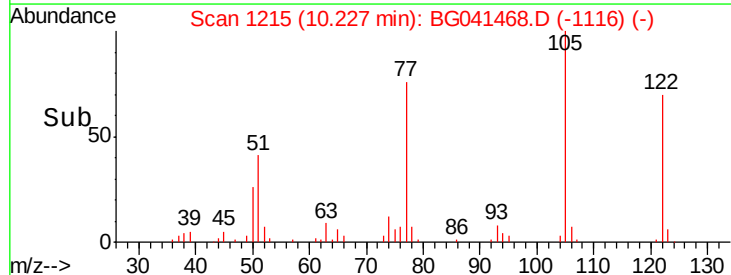
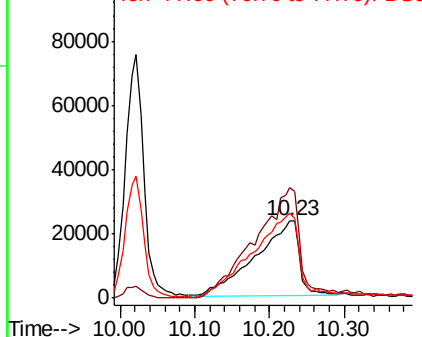


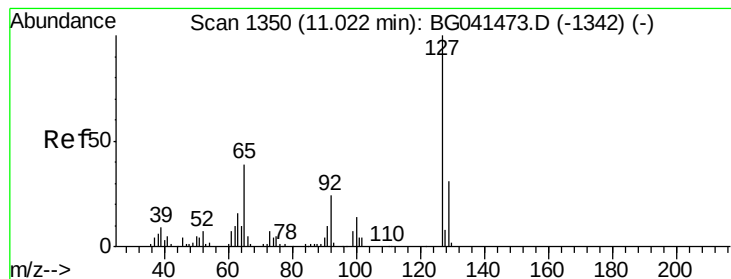
#32  
Benzoic acid  
Concen: 87.623 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. 0.05 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 143.0 | 113.6 | 153.6 |
| 77      | 109.2 | 87.9  | 127.9 |



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





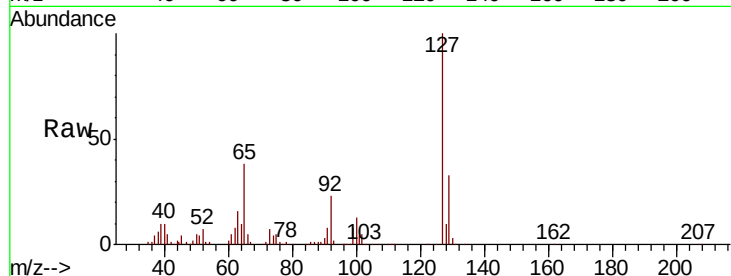
#33  
4-Chloroaniline  
Concen: 80.210 ng  
RT: 11.03 min Scan# 1351  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

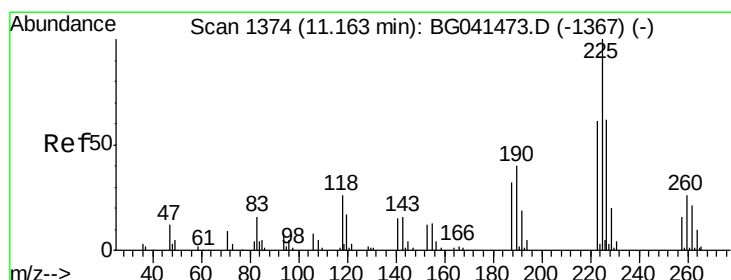
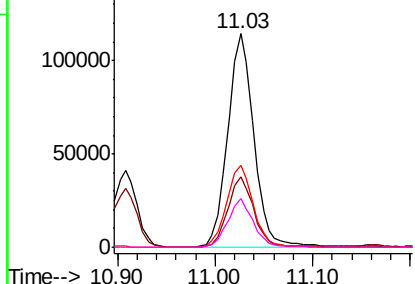
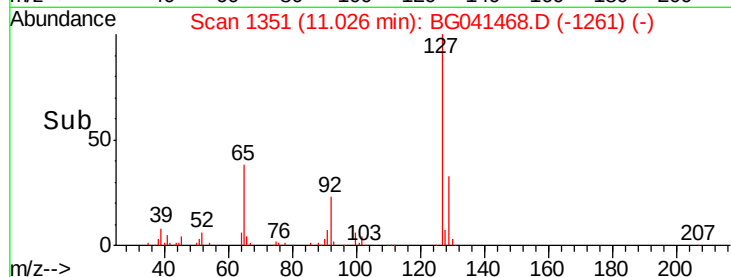
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 213298 |       |       |
| 129     | 32.7 | 25.6  | 38.4   |       |       |
| 65      | 38.1 | 30.9  | 46.3   |       |       |
| 92      | 22.6 | 17.4  | 26.0   |       |       |

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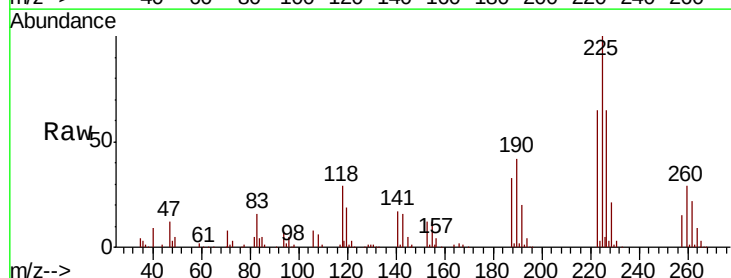


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

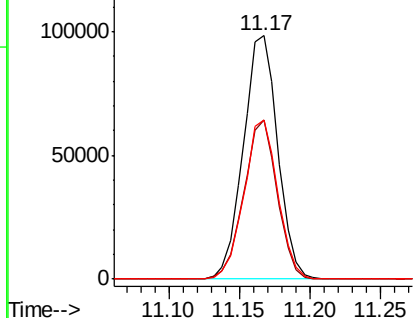
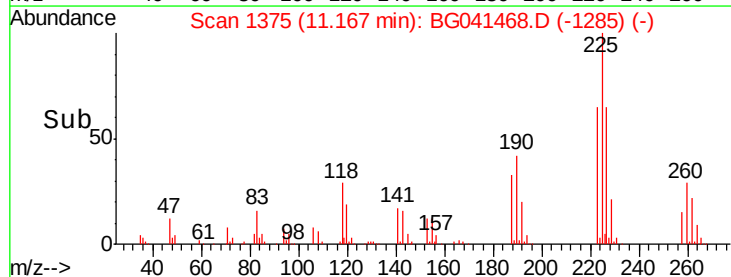


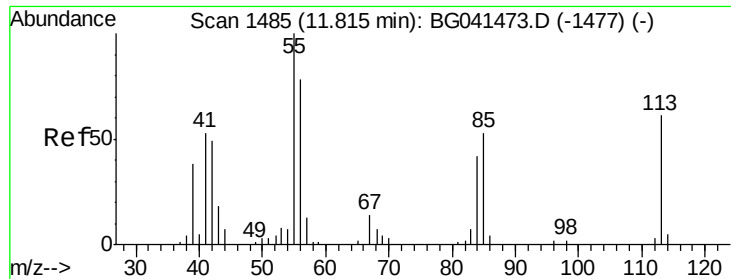
#34  
Hexachlorobutadiene  
Concen: 79.548 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 167884 |       |       |
| 223     | 65.2 | 52.3  | 78.5   |       |       |
| 227     | 65.2 | 50.1  | 75.1   |       |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





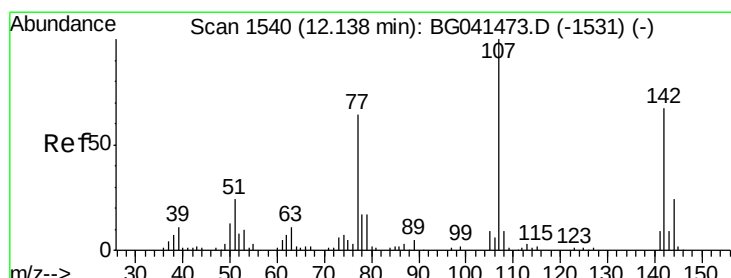
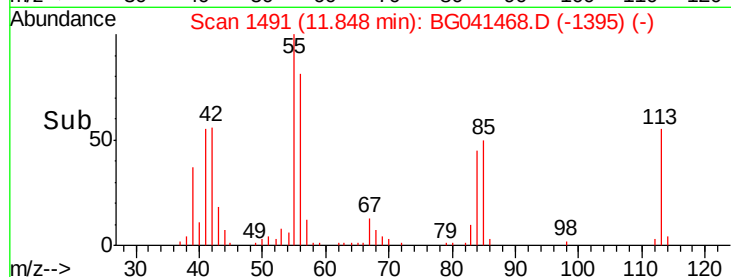
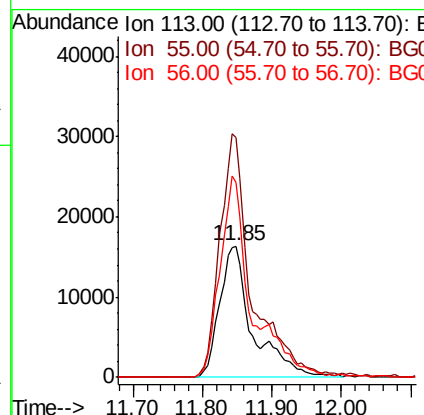
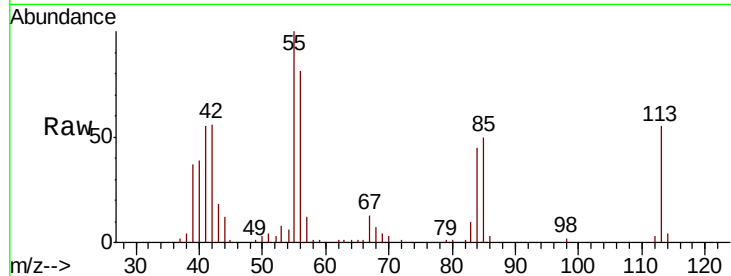
#35  
 Caprolactam  
 Concen: 75.667 ng/ml  
 RT: 11.85 min Scan# 1491  
 Delta R.T. 0.04 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 182.9 | 152.9 | 192.9 |
| 56      | 148.8 | 136.3 | 176.3 |

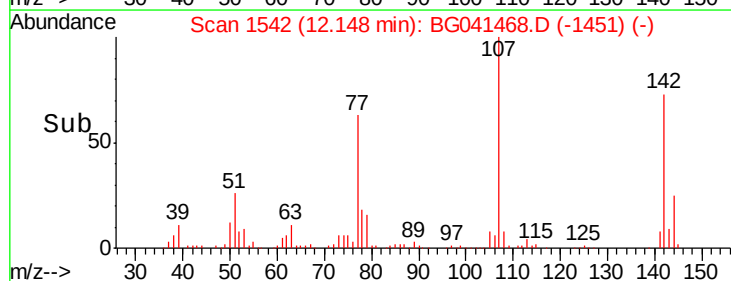
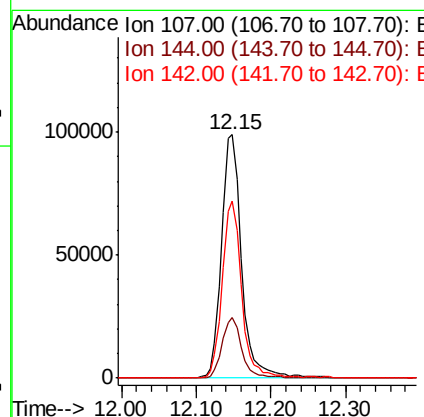
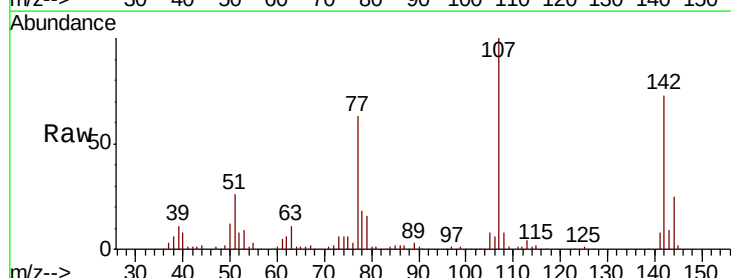
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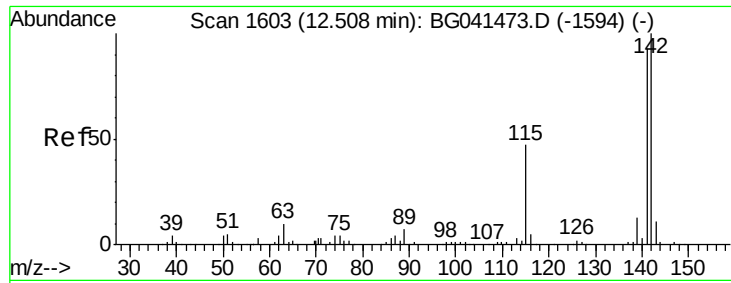
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 6/28/2019 8:26:50 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 77.233 ng/ml  
 RT: 12.15 min Scan# 1542  
 Delta R.T. 0.01 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.0  | 19.3  | 28.9  |
| 142     | 72.6  | 56.7  | 85.1  |





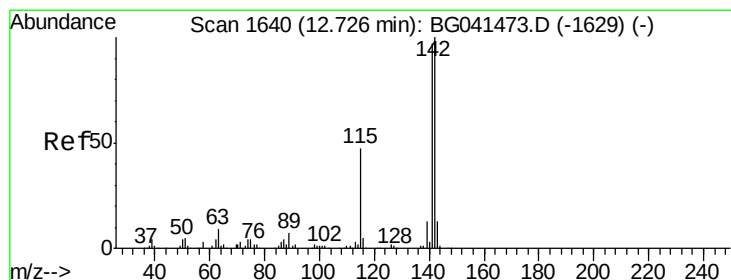
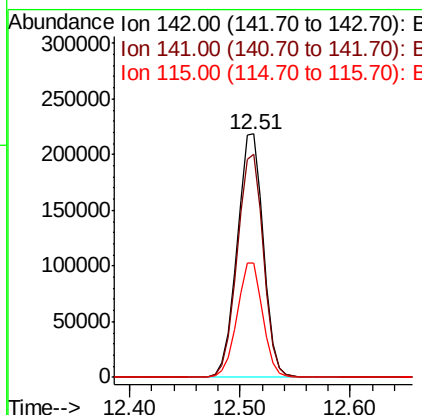
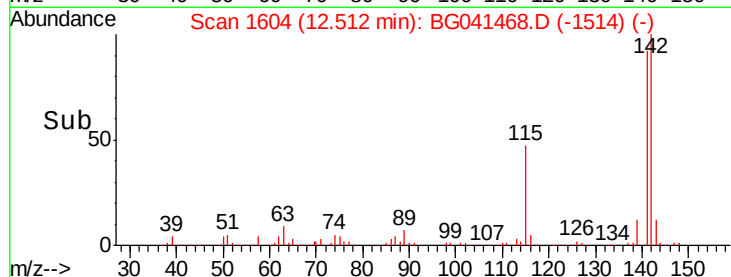
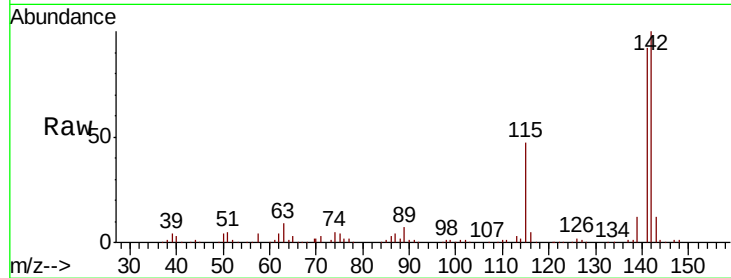
#37  
2-Methylnaphthalene  
Concen: 79.175 ng  
RT: 12.51 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 75.3  | 112.9 |
| 115     | 46.9  | 35.4  | 53.2  |

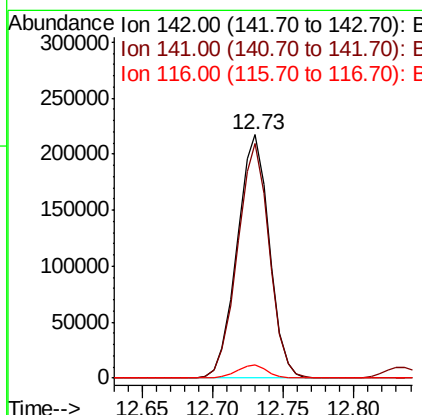
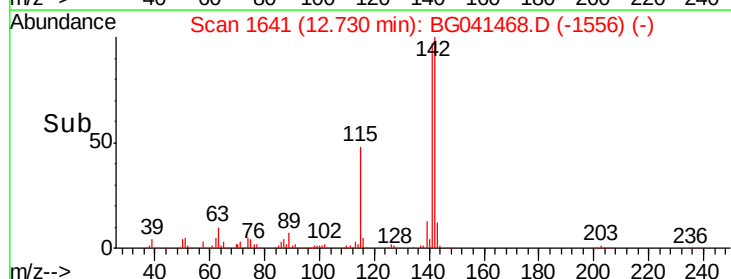
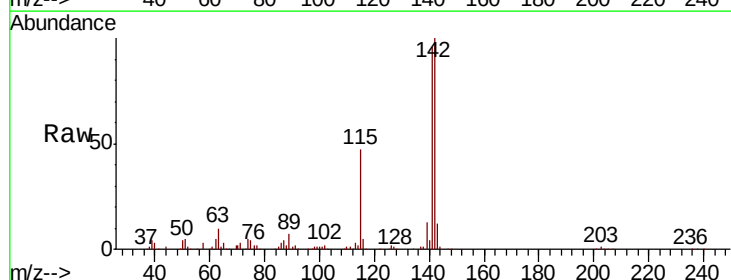
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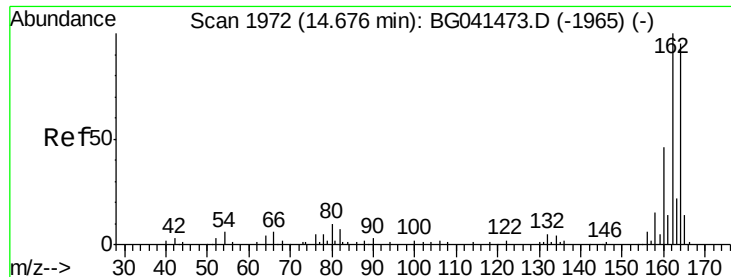
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#38  
1-Methylnaphthalene  
Concen: 78.418 ng  
RT: 12.73 min Scan# 1641  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.3  | 75.0  | 112.6 |
| 116     | 5.3   | 4.3   | 6.5   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:164 Resp: 80009

Ion Ratio Lower Upper

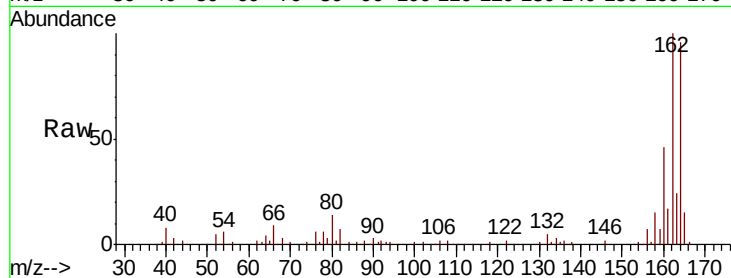
164 100

162 103.7 85.1 127.7

160 47.4 38.9 58.3

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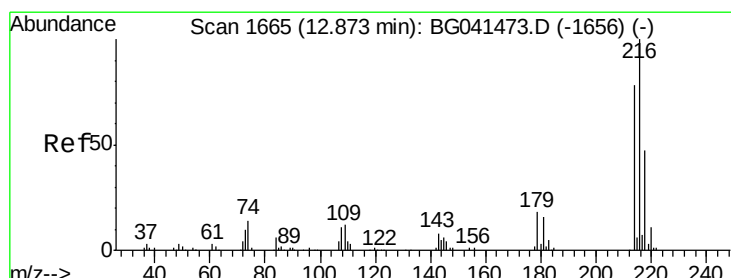
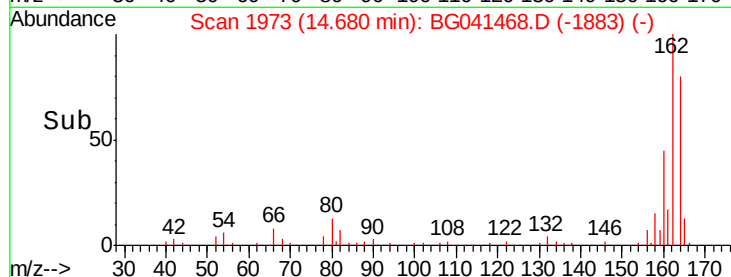
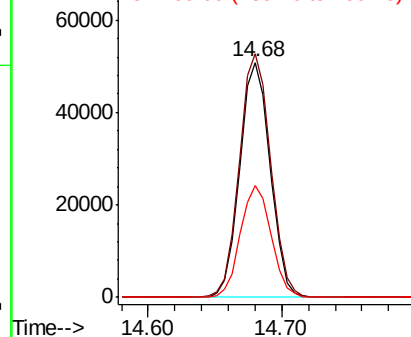


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 84.799 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Tgt Ion:216 Resp: 280161

Ion Ratio Lower Upper

216 100

214 78.3 62.9 94.3

179 18.3 15.3 22.9

108 14.5 11.4 17.0

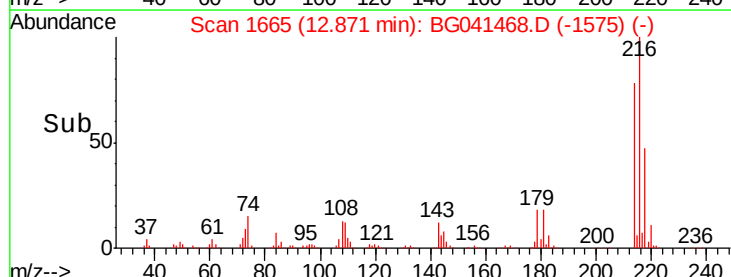
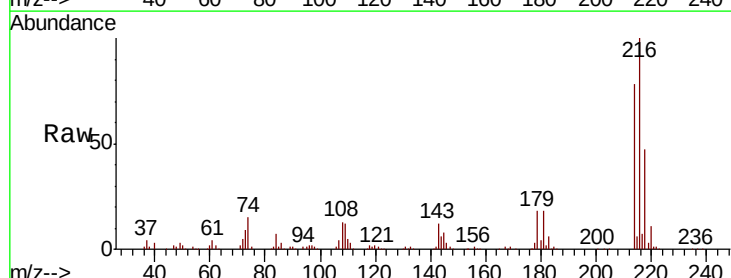
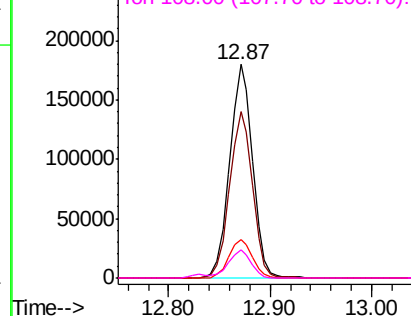
Abundance

Ion 216.00 (215.70 to 216.70): E

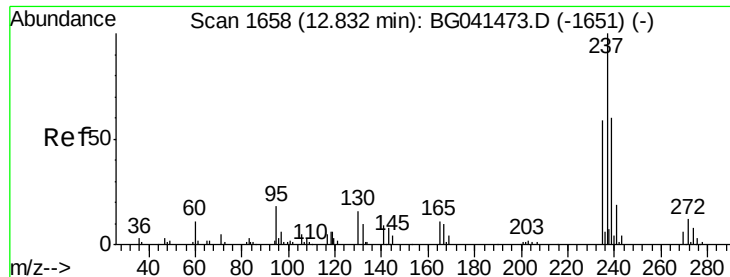
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







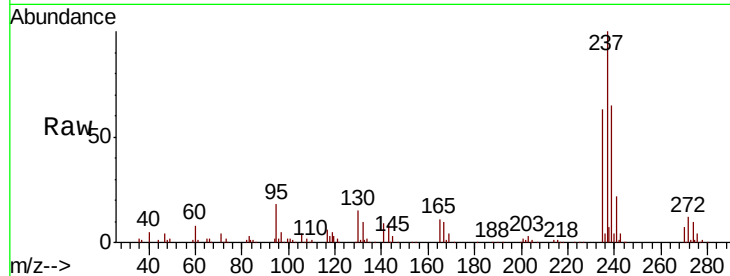
#41  
Hexachlorocyclopentadiene  
Concen: 75.722 ng  
RT: 12.84 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

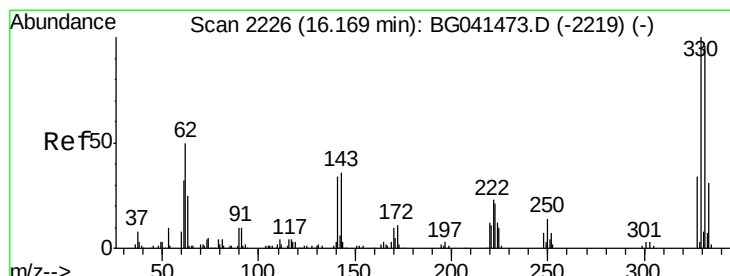
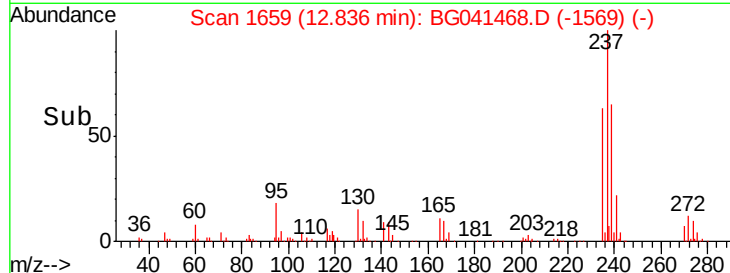
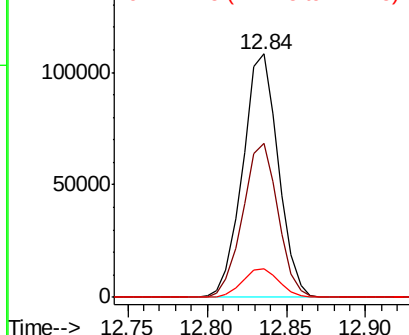
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 63.1  | 40.4       | 80.4  |
| 272     | 11.9  | 0.0        | 32.3  |

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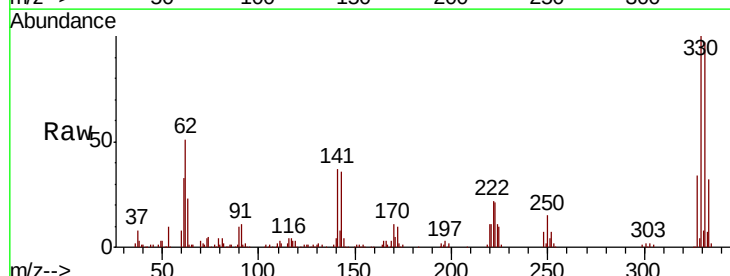


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

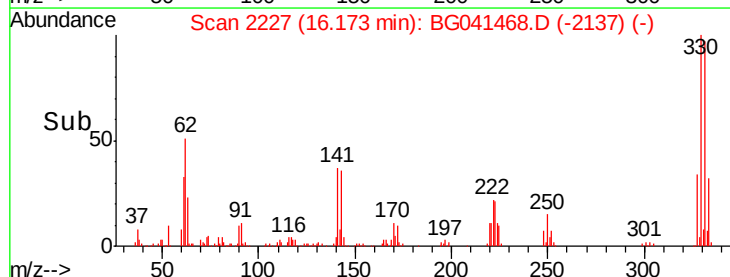
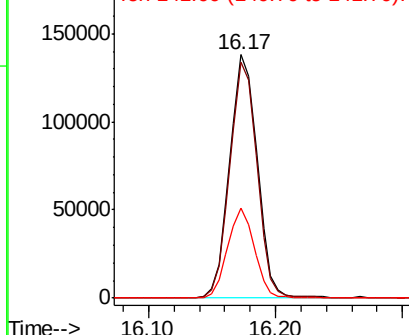


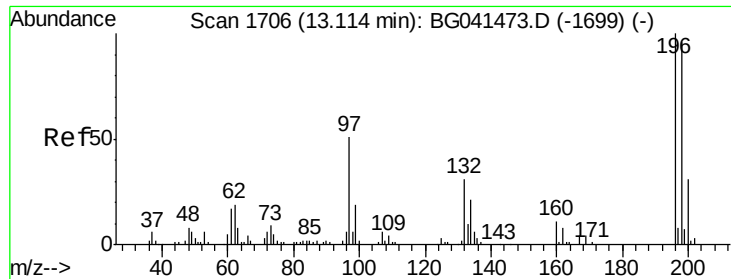
#42  
2,4,6-Tribromophenol  
Concen: 169.356 ng  
RT: 16.17 min Scan# 2227  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.1  | 77.4       | 116.2 |
| 141     | 35.7  | 28.8       | 43.2  |



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





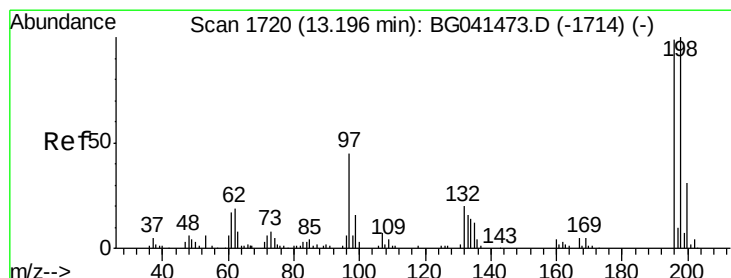
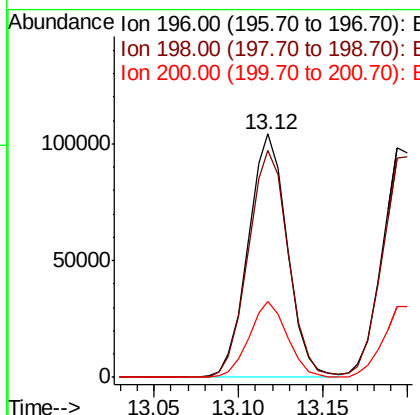
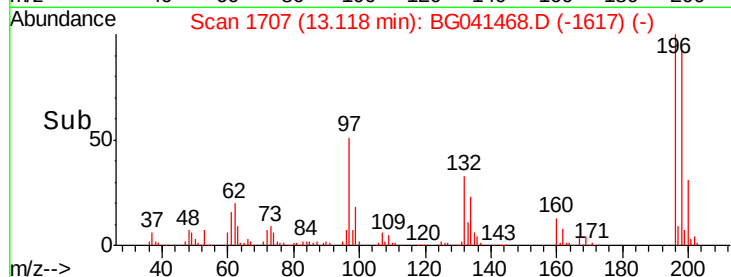
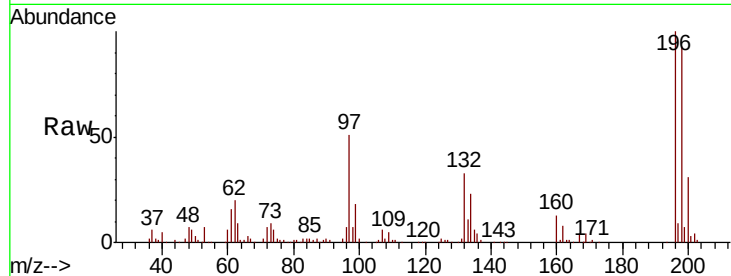
#43  
 2,4,6-Trichlorophenol  
 Concen: 81.752 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 167082 |       |       |
| 198     | 93.4  | 74.4   | 111.6 |       |
| 200     | 31.2  | 26.3   | 39.5  |       |

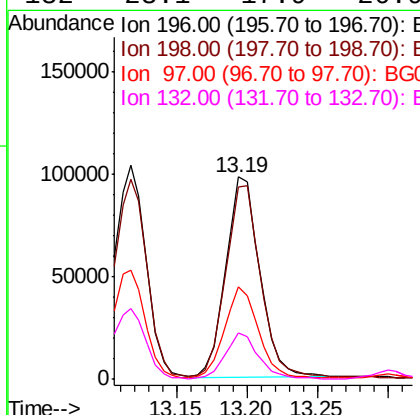
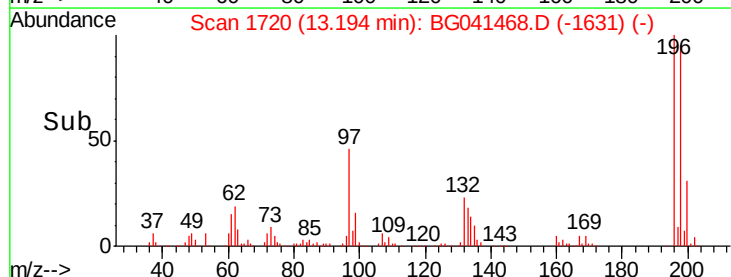
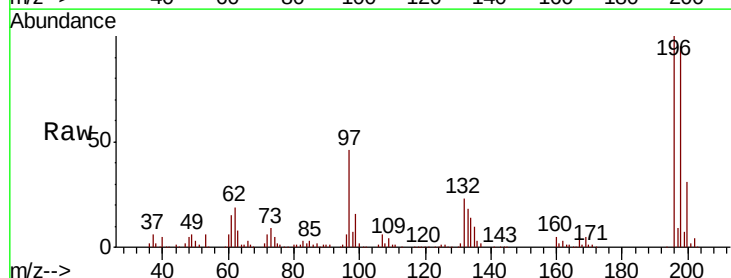
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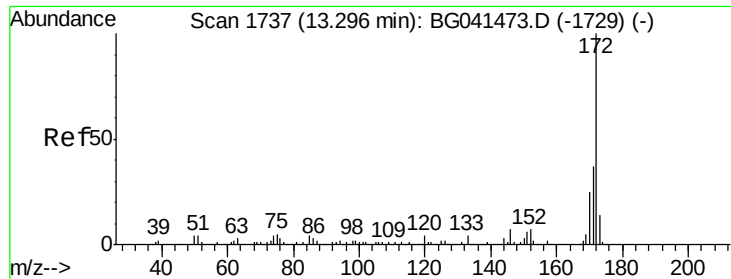
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#44  
 2,4,5-Trichlorophenol  
 Concen: 78.389 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. -0.01 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 164845 |       |       |
| 198     | 95.1  | 76.6   | 114.8 |       |
| 97      | 45.6  | 37.3   | 55.9  |       |
| 132     | 23.1  | 17.9   | 26.9  |       |





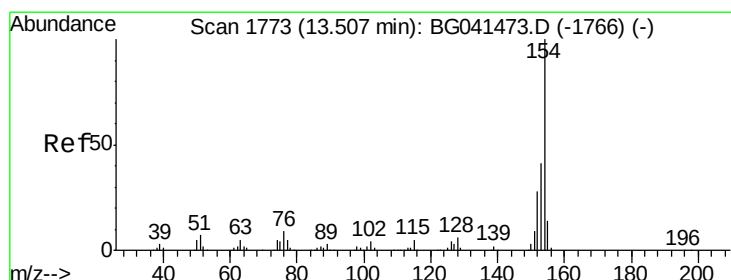
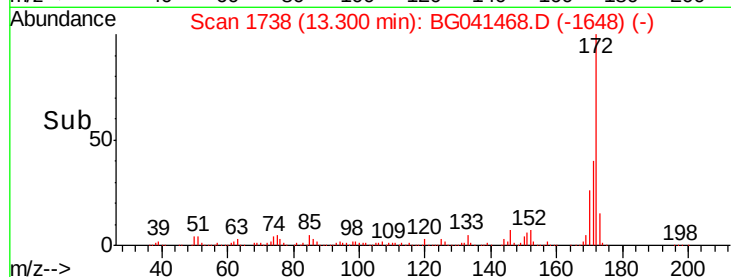
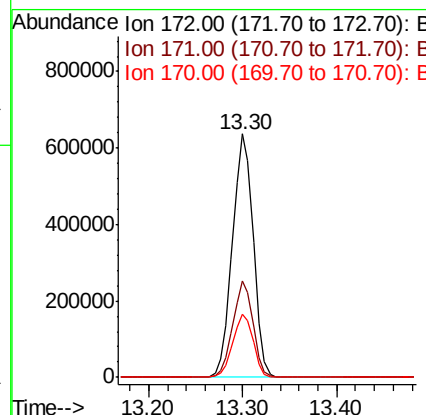
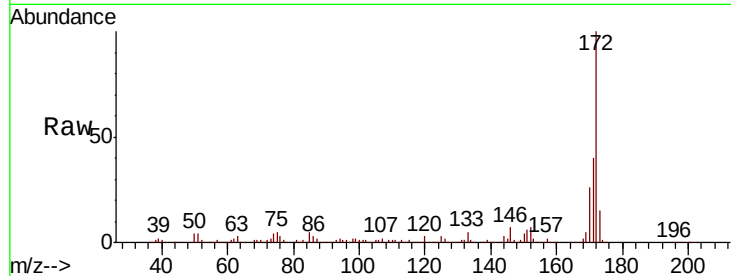
#45  
2-Fluorobiphenyl  
Concen: 165.837 ng  
RT: 13.30 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.6  | 29.8  | 44.6  |
| 170     | 26.0  | 19.8  | 29.6  |

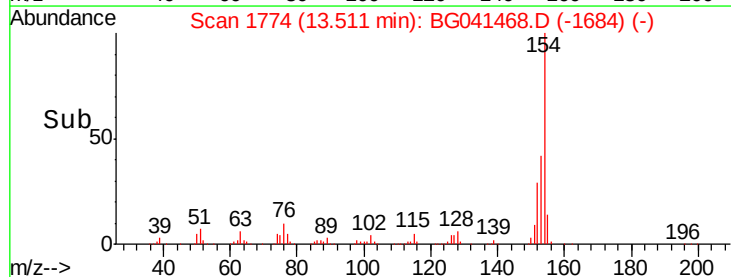
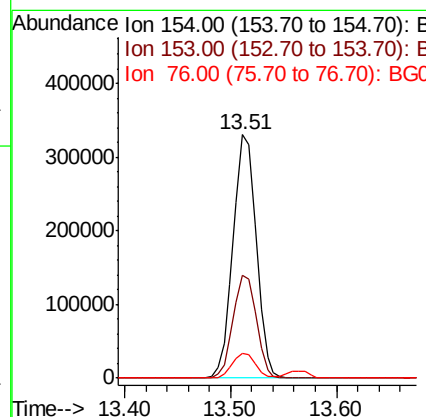
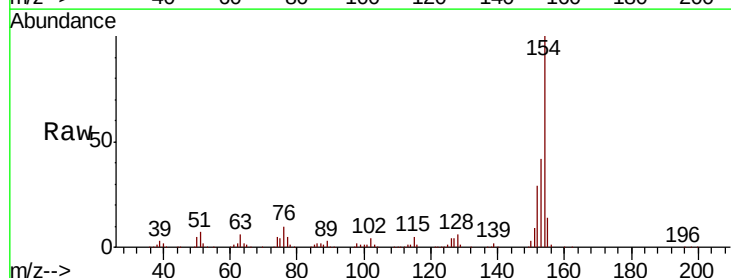
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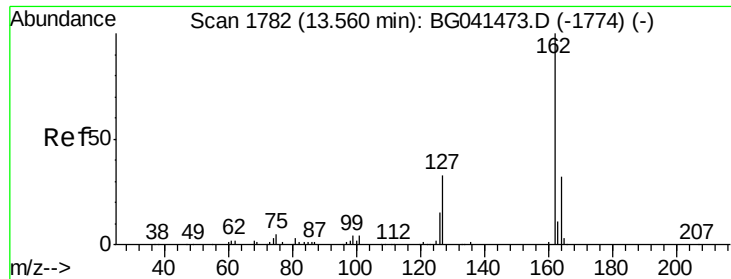
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#46  
1,1'-Biphenyl  
Concen: 82.912 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 23.2  | 63.2  |
| 76      | 10.3  | 0.0   | 31.1  |





#47

2-Chloronaphthalene

Concen: 82.384 ng

RT: 13.56 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

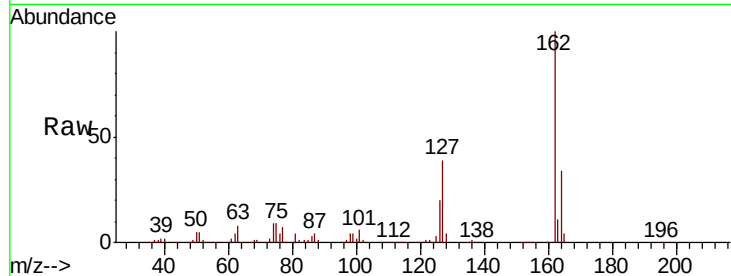
ClientSampleId :

SSTDIC080

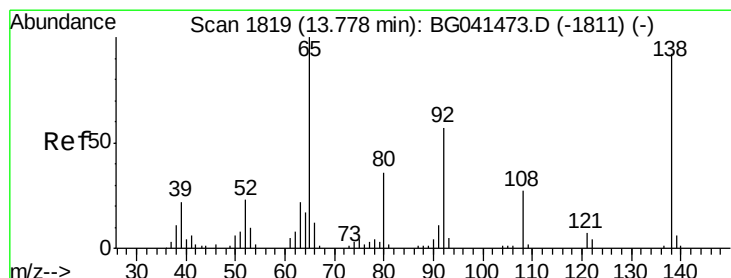
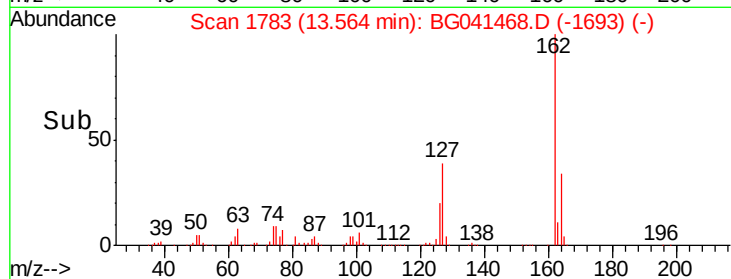
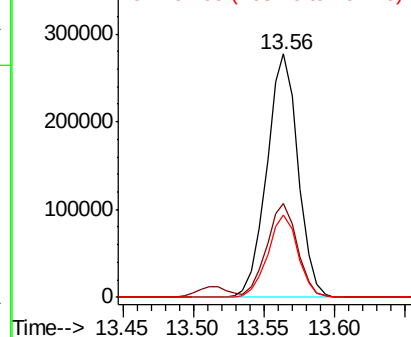
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 429018 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 38.8  | 30.4  | 45.6   |
| 164       | 34.0  | 26.6  | 40.0   |

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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 78.721 ng

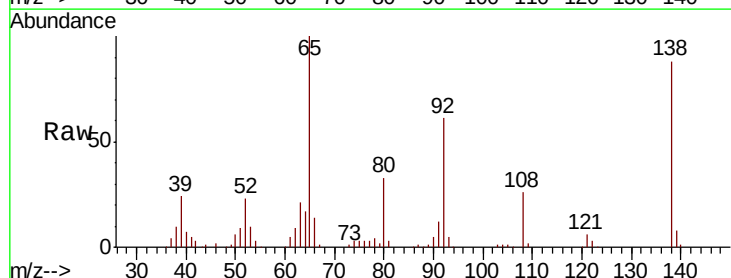
RT: 13.78 min Scan# 1820

Delta R.T. 0.01 min

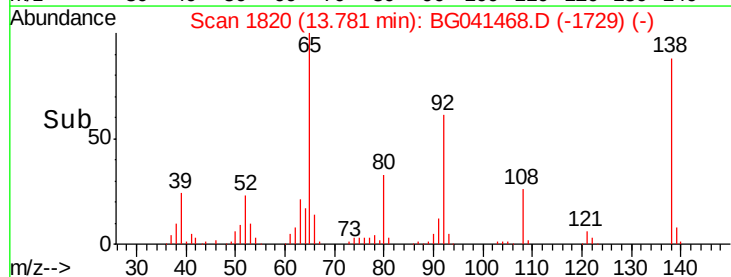
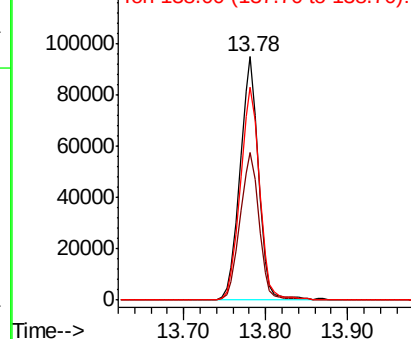
Lab File: BG041468.D

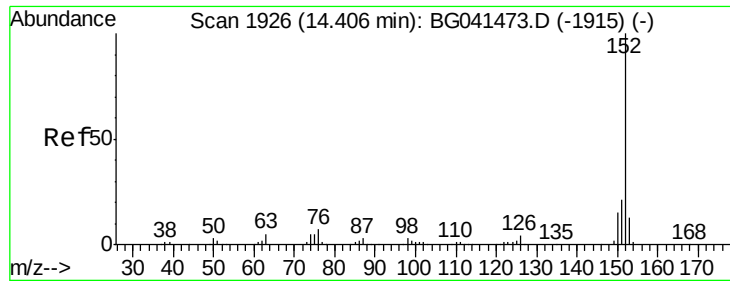
Acq: 26 Jun 2019 13:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 150136 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 60.7  | 53.6  | 80.4   |
| 138       | 87.6  | 67.5  | 101.3  |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 81.495 ng

RT: 14.41 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

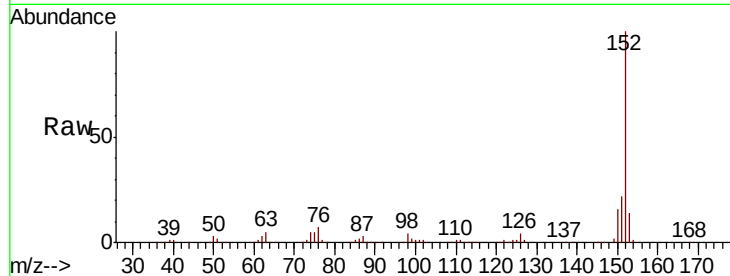
ClientSampleId :

SSTDICC080

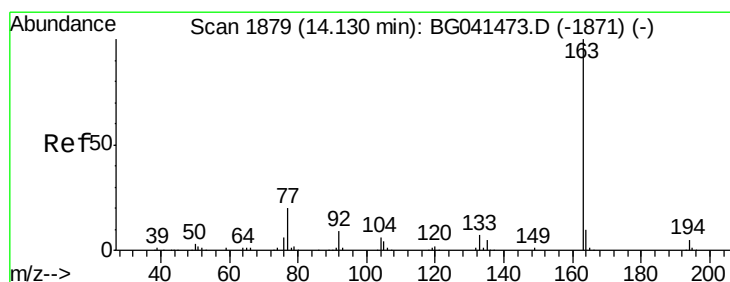
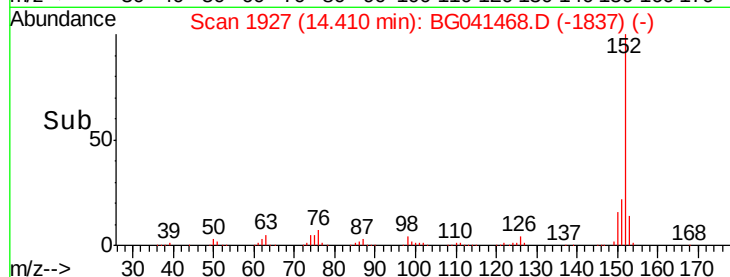
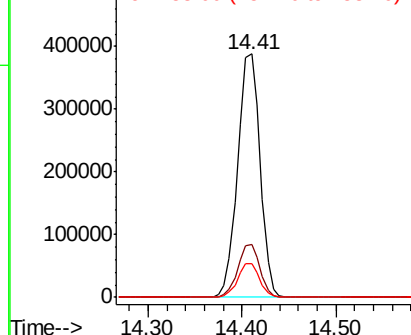
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 643988 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.8  | 16.1  | 24.1   |
| 153       | 13.7  | 10.5  | 15.7   |

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



#50

Dimethylphthalate

Concen: 80.520 ng

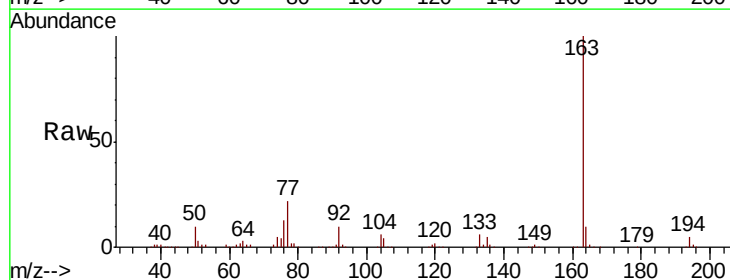
RT: 14.13 min Scan# 1880

Delta R.T. 0.01 min

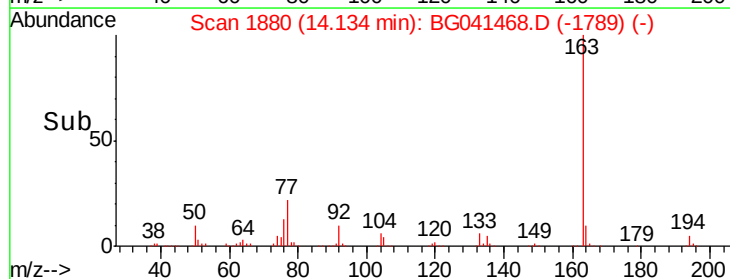
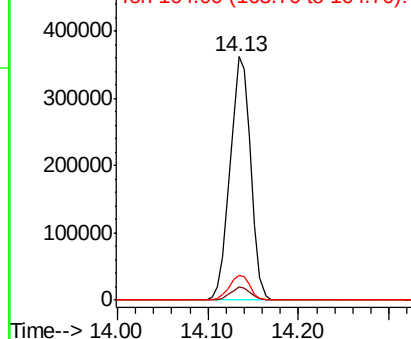
Lab File: BG041468.D

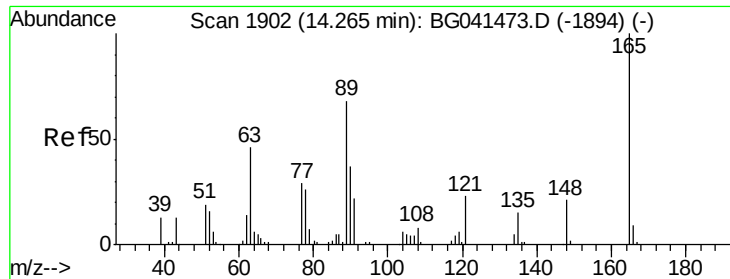
Acq: 26 Jun 2019 13:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 573210 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 5.2   | 3.8   | 5.6    |
| 164       | 10.0  | 8.2   | 12.2   |



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





#51

2,6-Dinitrotoluene

Concen: 82.104 ng

RT: 14.27 min Scan# 1903

Delta R.T. 0.01 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

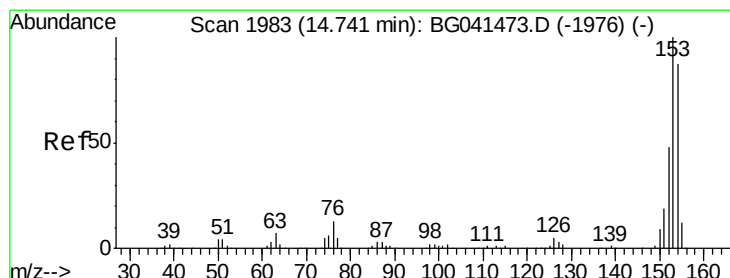
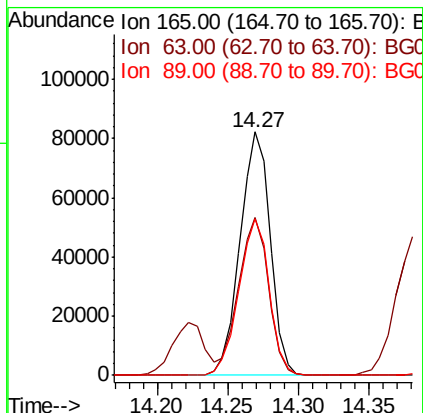
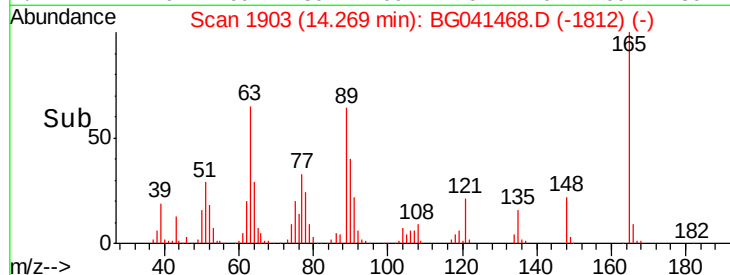
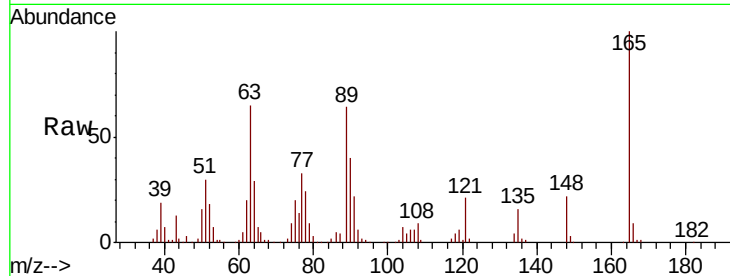
ClientSampled :

SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 123242 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 64.8  | 52.4  | 78.6   |
| 89        | 64.1  | 55.0  | 82.4   |

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#52

Acenaphthene

Concen: 82.774 ng

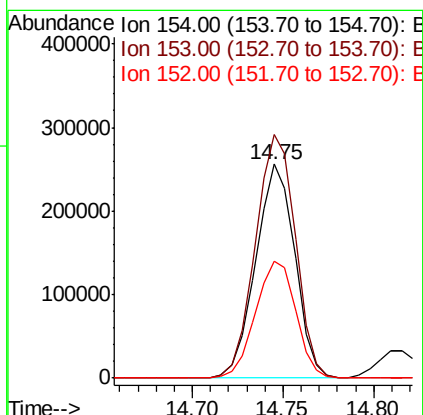
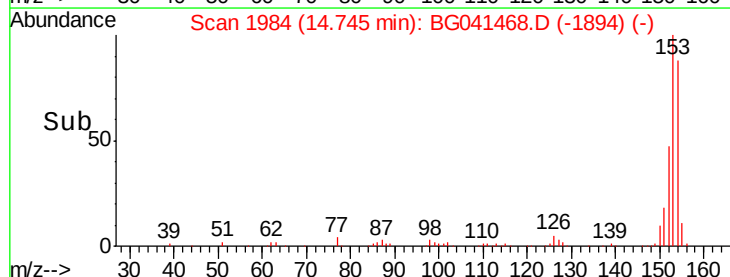
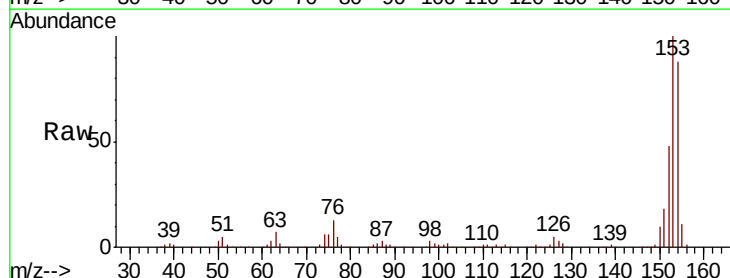
RT: 14.75 min Scan# 1984

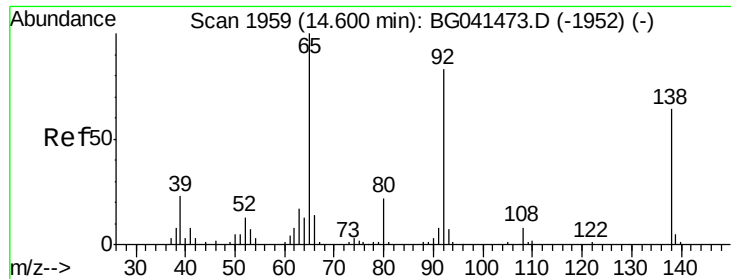
Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 384092 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.7 | 96.4  | 144.6  |
| 152       | 54.5  | 47.1  | 70.7   |





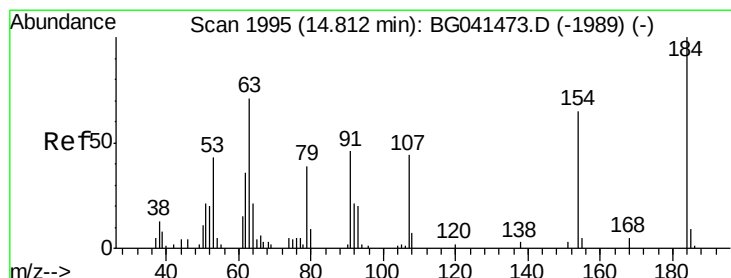
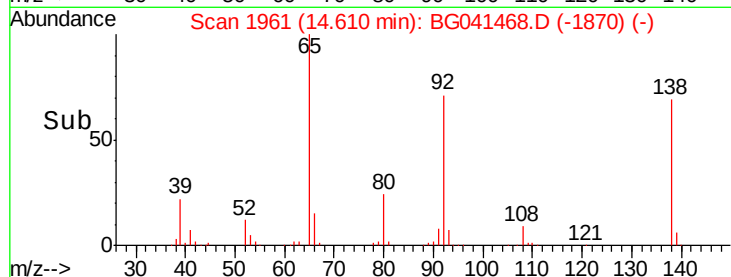
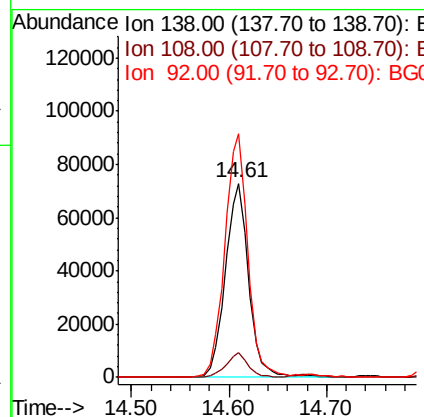
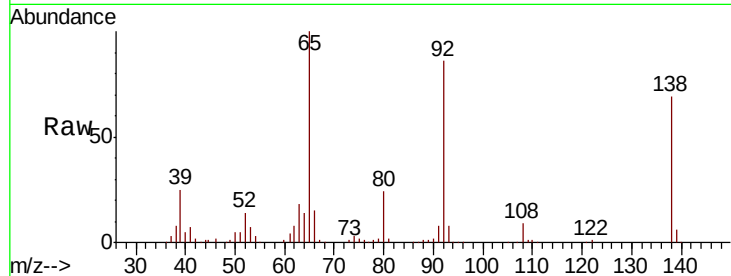
#53  
3-Nitroaniline  
Concen: 81.314 ng  
RT: 14.61 min Scan# 1961  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.5  | 7.7   | 11.5  |
| 92      | 125.3 | 99.1  | 148.7 |

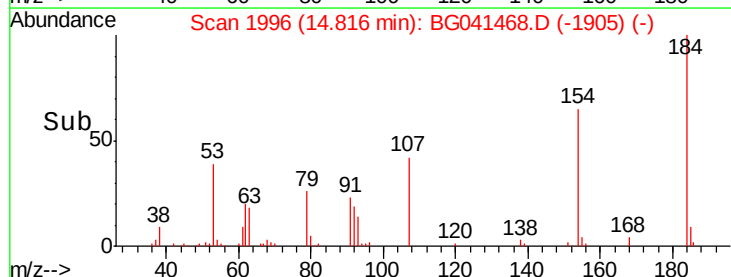
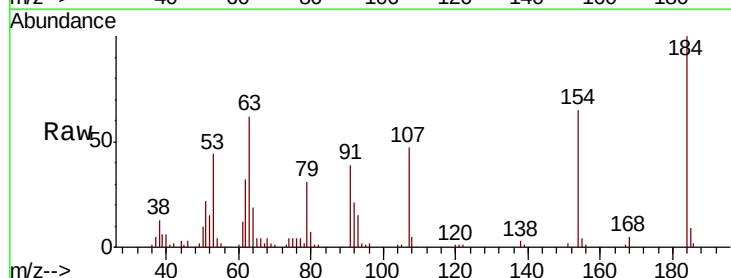
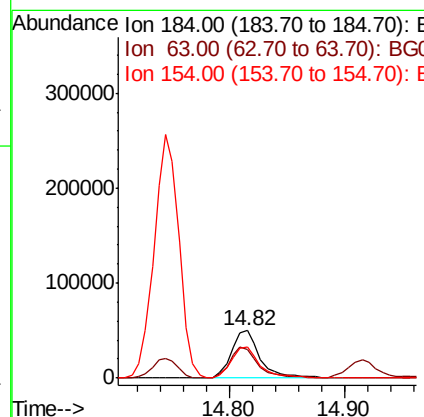
Manual Integrations  
APPROVED

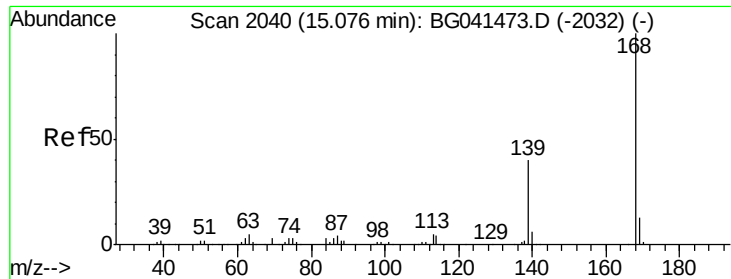
mohammad  
6/28/2019 8:26:50 AM



#54  
2,4-Dinitrophenol  
Concen: 88.617 ng  
RT: 14.82 min Scan# 1996  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 61.6  | 60.5  | 90.7  |
| 154     | 64.6  | 58.4  | 87.6  |





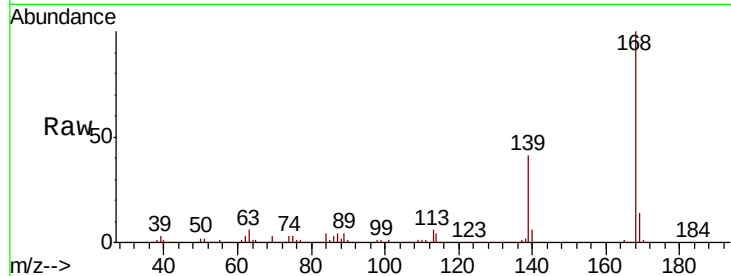
#55  
Dibenzofuran  
Concen: 81.087 ng  
RT: 15.08 min Scan# 2041  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.9  | 31.4  | 47.2  |
| 169     | 13.5  | 10.7  | 16.1  |

Manual Integrations  
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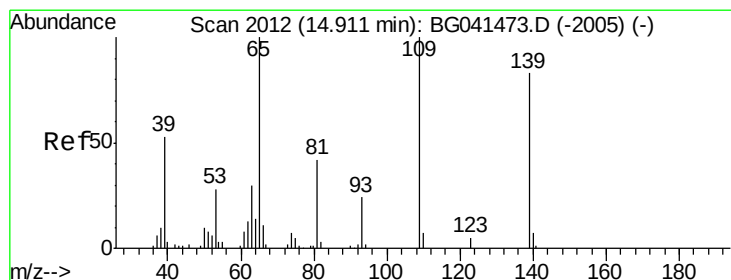
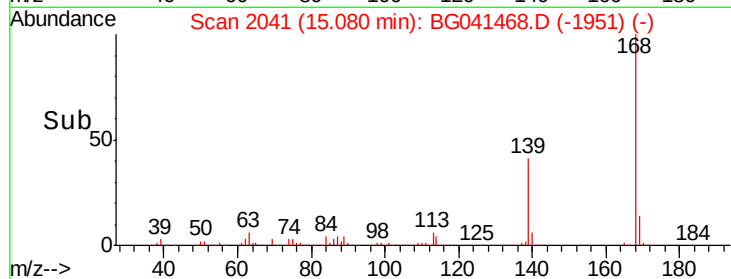
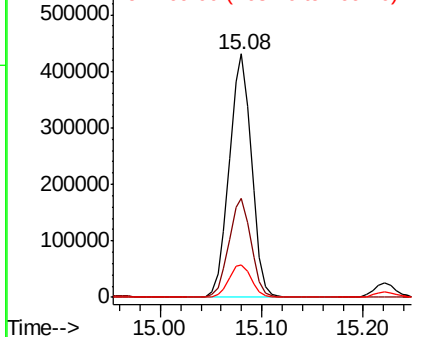


Abundance

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: 82.760 ng  
RT: 14.92 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

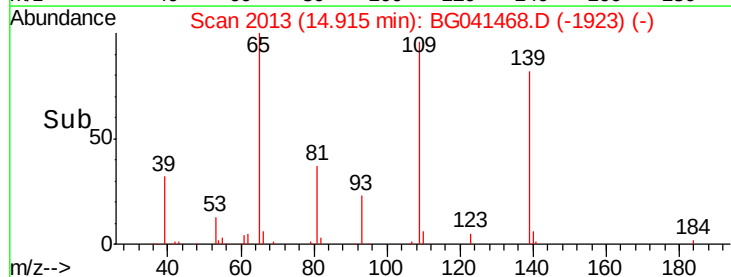
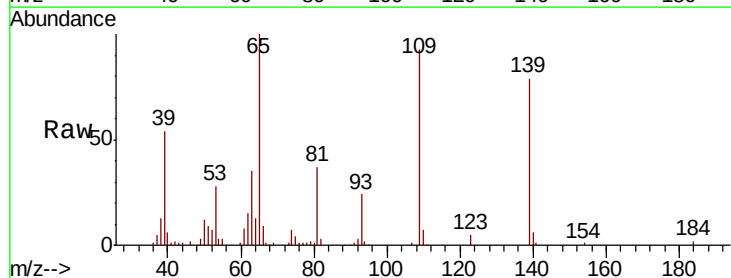
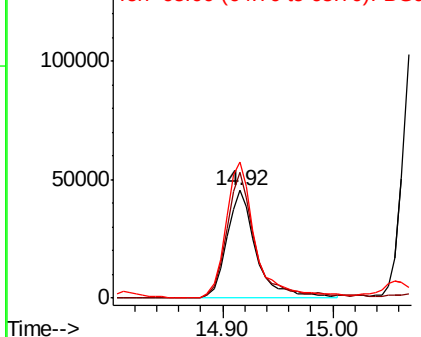
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 117.4 | 79.7  | 119.7 |
| 65      | 126.9 | 95.1  | 135.1 |

Abundance

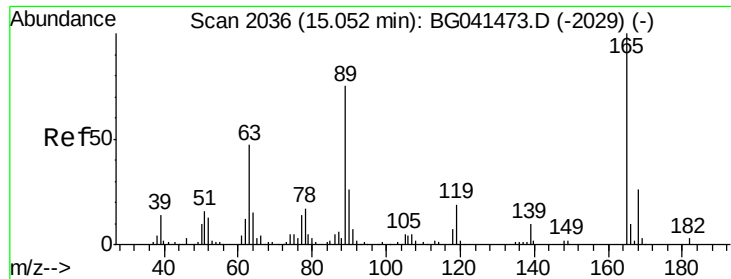
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC







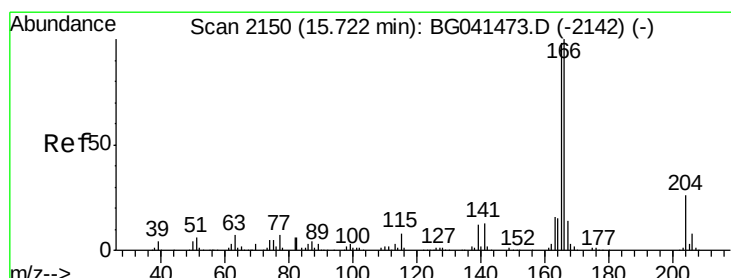
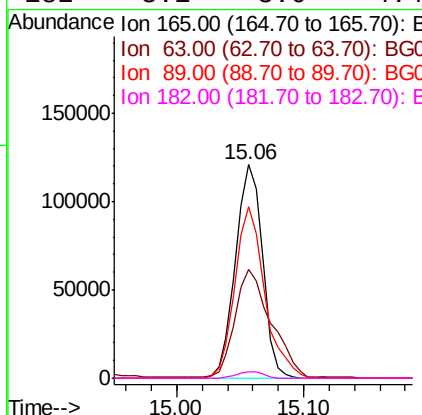
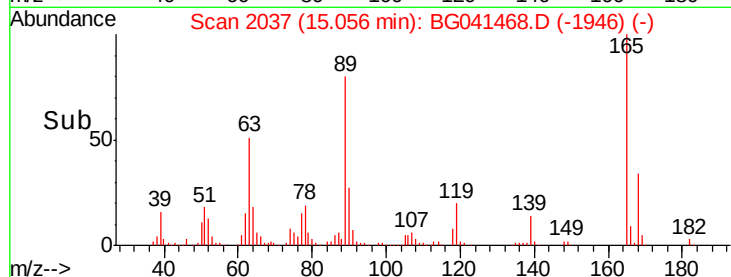
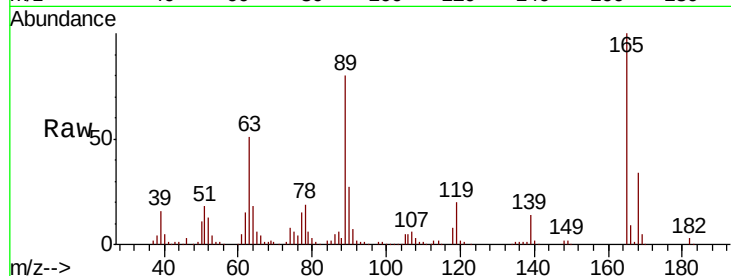
#57  
2,4-Dinitrotoluene  
Concen: 81.173 ng  
RT: 15.06 min Scan# 2037  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 178113 |       |       |
| 63      | 51.2 | 37.7  | 56.5   |       |       |
| 89      | 80.1 | 60.5  | 90.7   |       |       |
| 182     | 3.1  | 3.0   | 4.4    |       |       |

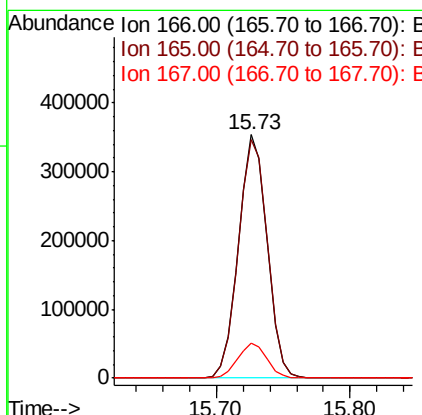
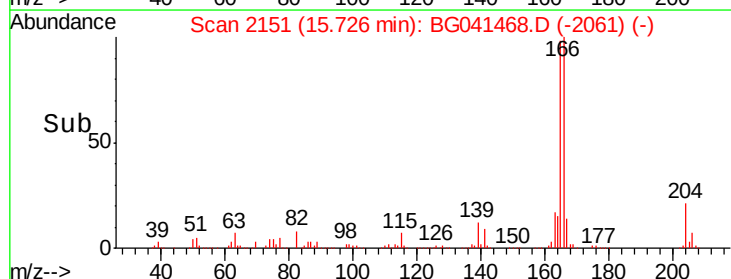
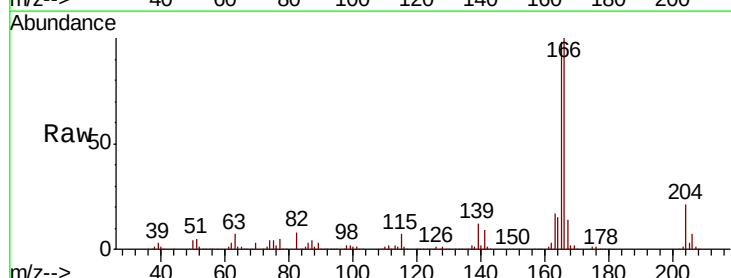
Manual Integrations  
APPROVED

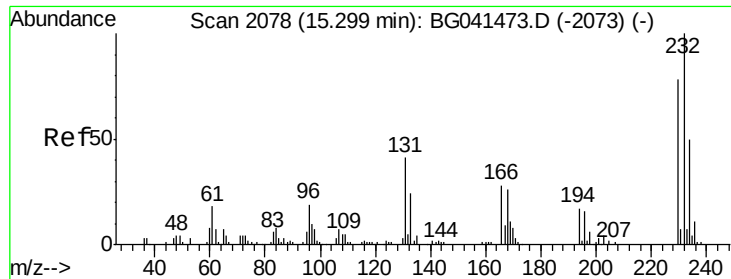
mohammad  
6/28/2019 8:26:50 AM



#58  
Fluorene  
Concen: 82.206 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 521727 |       |       |
| 165     | 98.2 | 79.4  | 119.2  |       |       |
| 167     | 14.3 | 11.0  | 16.4   |       |       |





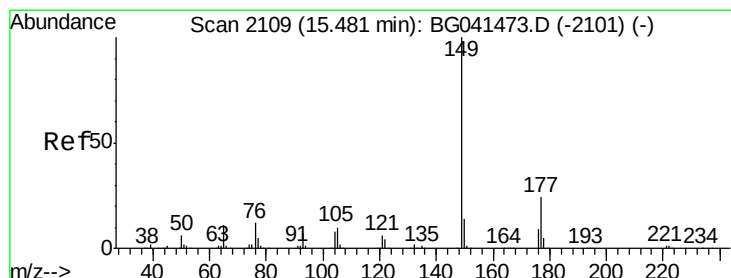
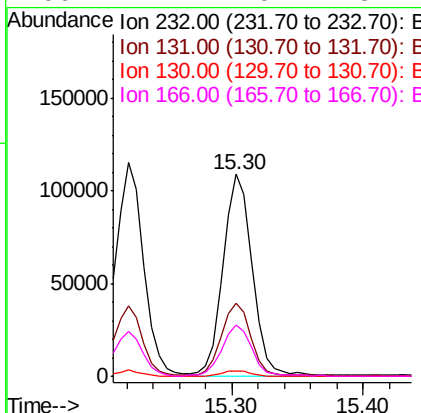
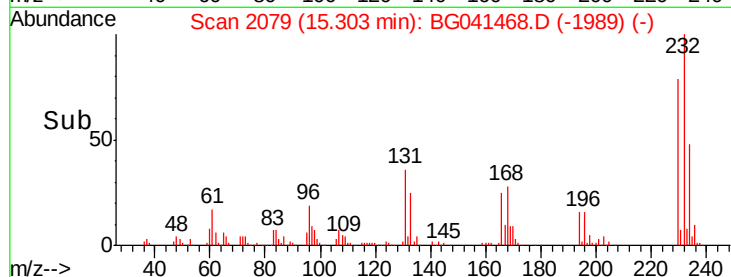
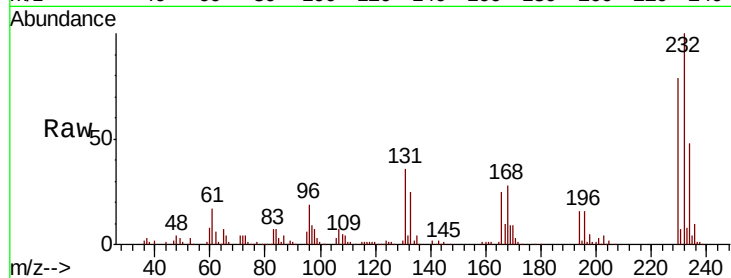
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 78.380 ng  
 RT: 15.30 min Scan# 2079  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 33.2  | 29.7  | 44.5  |
| 130     | 2.3   | 1.7   | 2.5   |
| 166     | 21.1  | 20.7  | 31.1  |

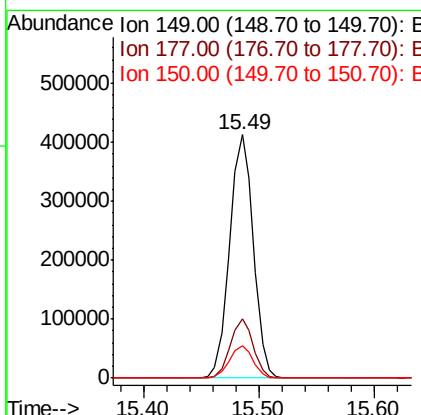
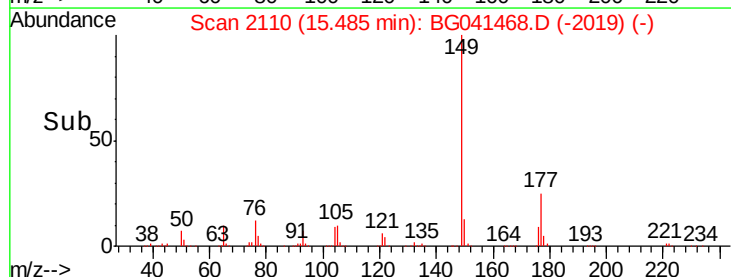
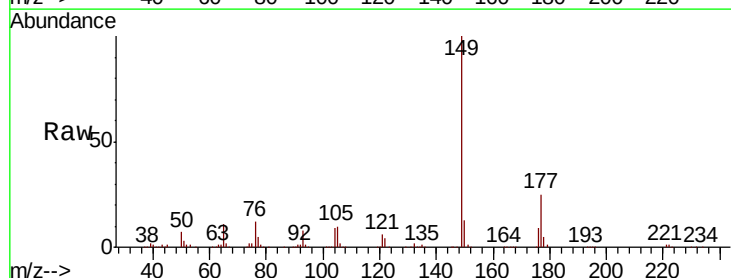
Manual Integrations  
 APPROVED

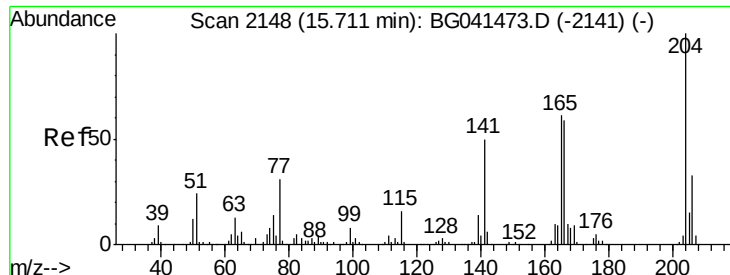
mohammad  
 6/28/2019 8:26:50 AM



#60  
 Diethylphthalate  
 Concen: 80.842 ng  
 RT: 15.49 min Scan# 2110  
 Delta R.T. 0.01 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.6  | 18.4  | 27.6  |
| 150     | 13.4  | 10.2  | 15.4  |





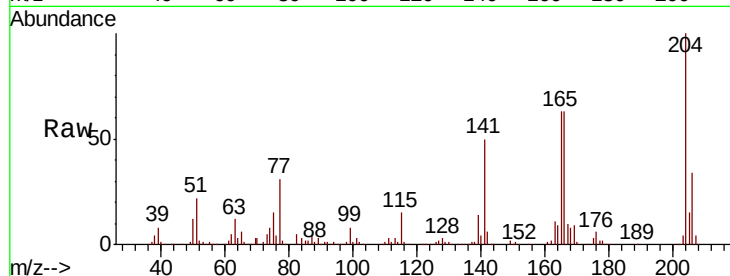
#61  
4-Chlorophenyl-phenylether  
Concen: 82.996 ng  
RT: 15.71 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.4  | 26.6  | 40.0  |
| 141     | 50.4  | 41.0  | 61.4  |

Manual Integrations  
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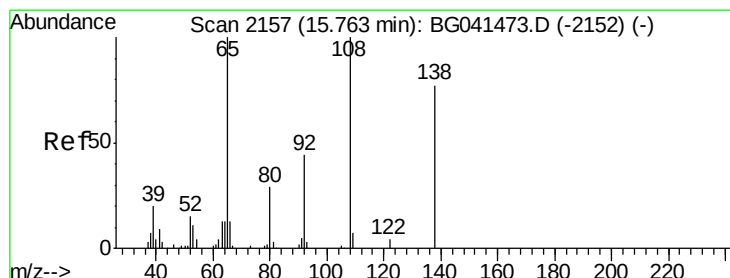
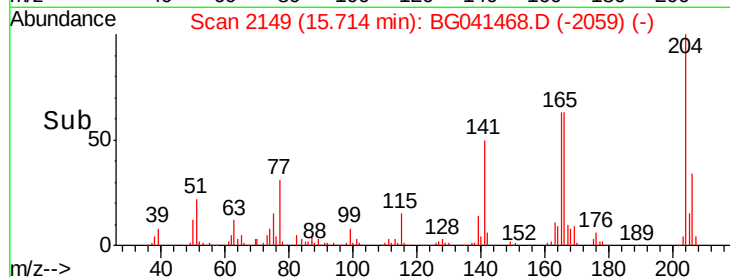
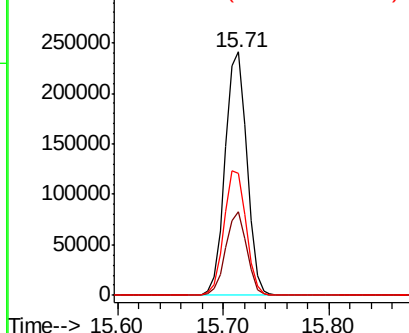


Abundance

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: 76.156 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

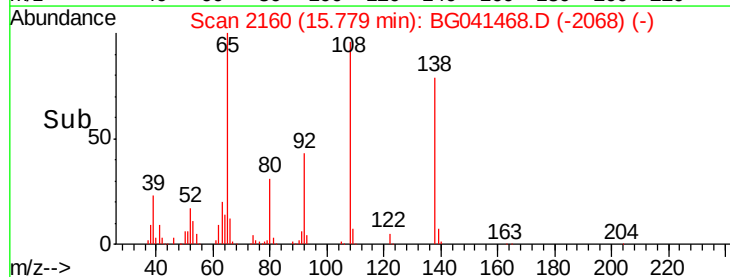
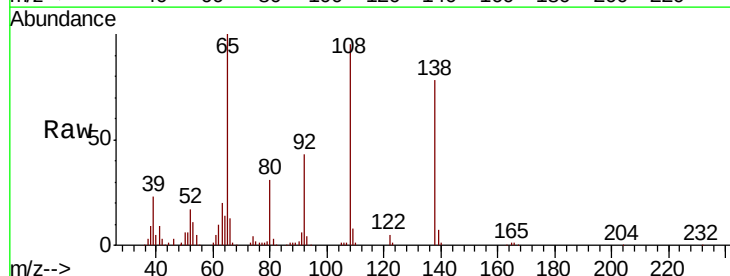
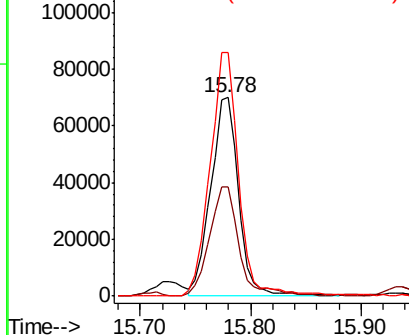
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.1  | 39.2  | 79.2  |
| 108     | 122.8 | 101.0 | 141.0 |

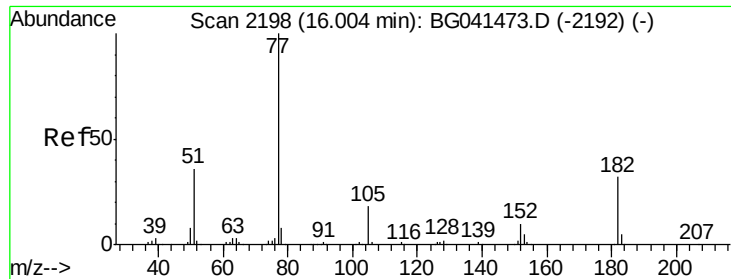
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





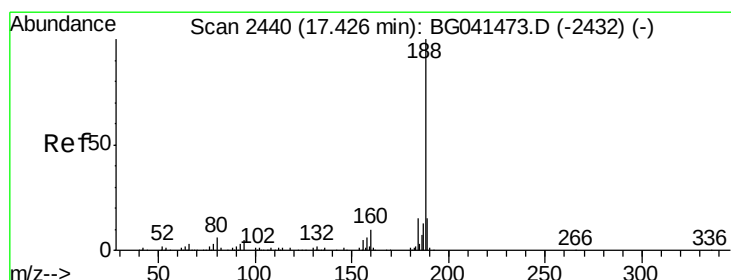
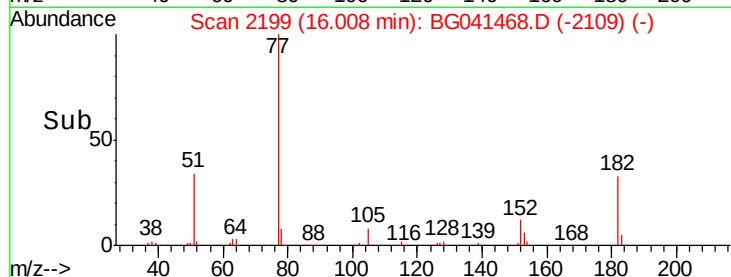
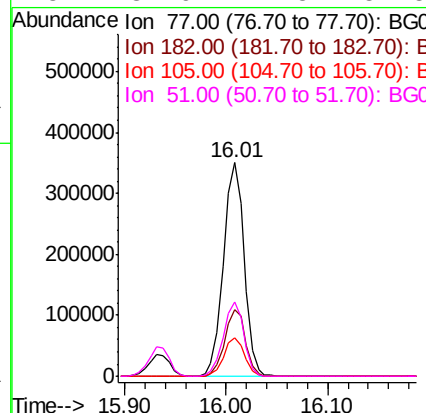
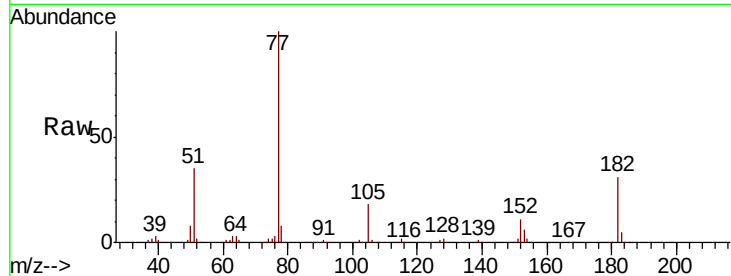
#63  
Azobenzene  
Concen: 76.851 ng  
RT: 16.01 min Scan# 2199  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 496089 |       |       |
| 182     | 31.0 | 11.1  | 51.1   |       |       |
| 105     | 18.0 | 0.0   | 37.7   |       |       |
| 51      | 34.9 | 12.5  | 52.5   |       |       |

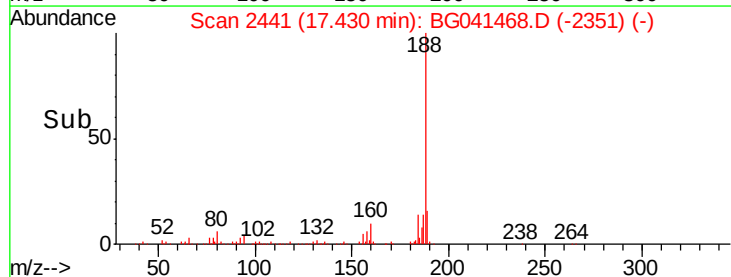
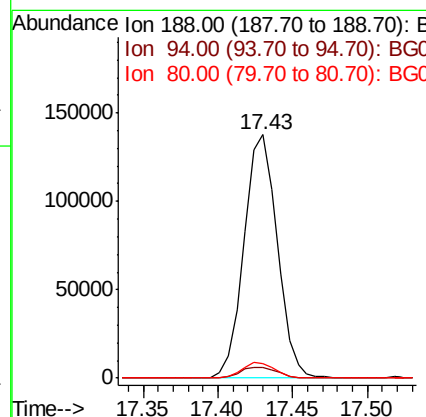
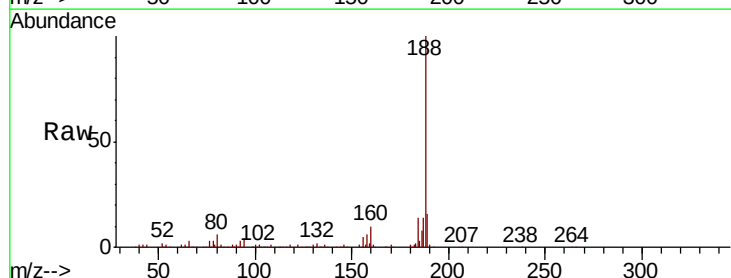
Manual Integrations  
APPROVED

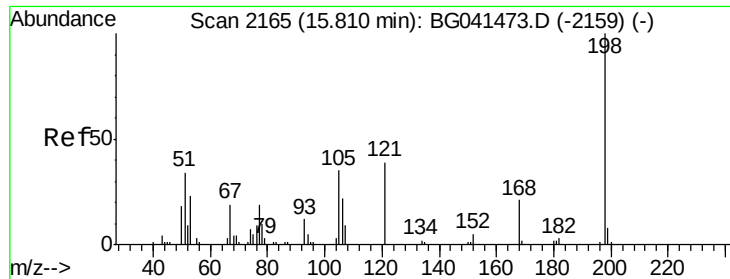
mohammad  
6/28/2019 8:26:50 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 212918 |       |       |
| 94      | 4.5 | 3.8   | 5.6    |       |       |
| 80      | 5.8 | 4.6   | 6.8    |       |       |





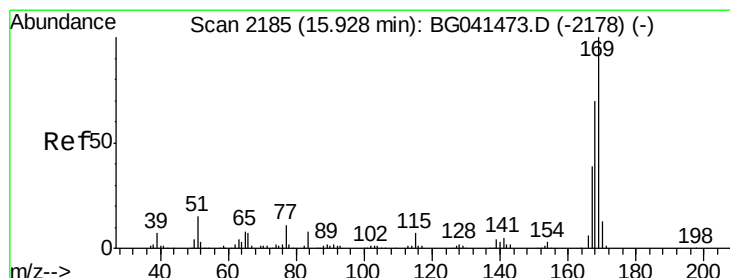
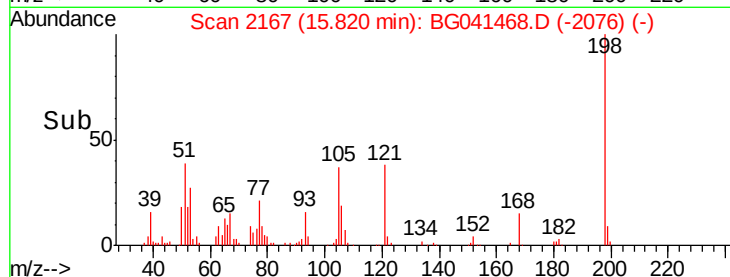
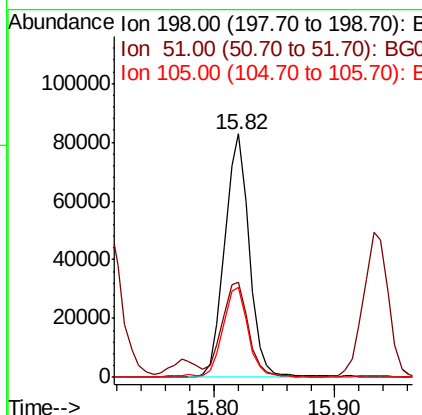
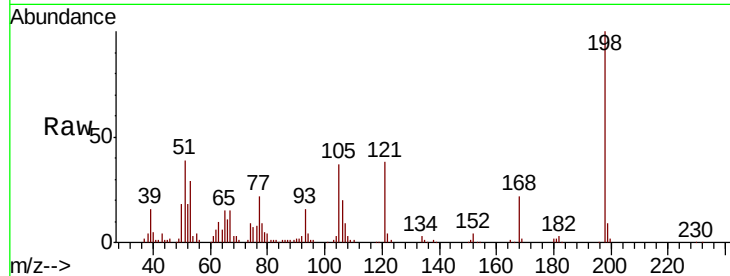
#65  
4,6-Dinitro-2-methylphenol  
Concen: 84.990 ng  
RT: 15.82 min Scan# 2167  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 38.9  | 27.6  | 67.6  |
| 105     | 37.2  | 18.5  | 58.5  |

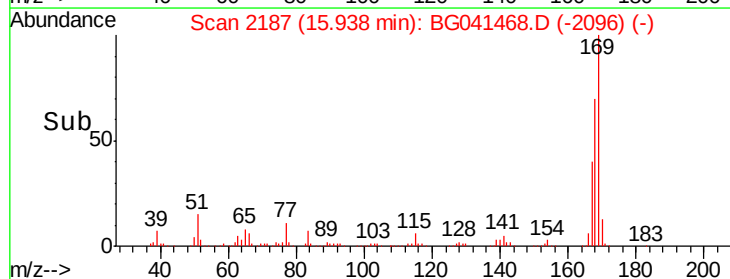
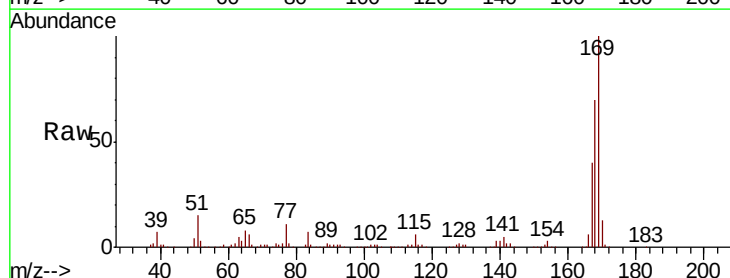
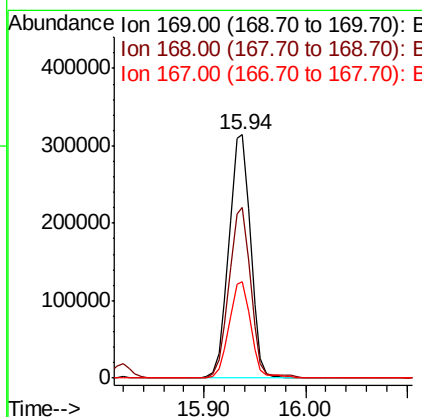
Manual Integrations  
APPROVED

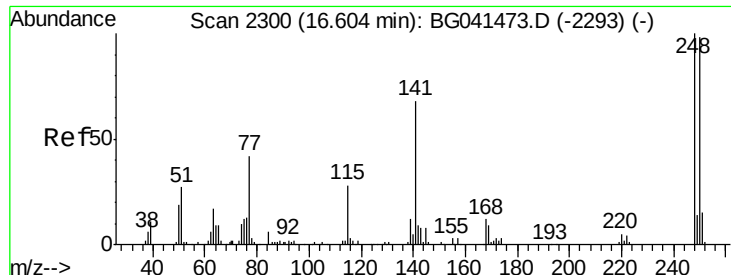
mohammad  
6/28/2019 8:26:50 AM



#66  
n-Nitrosodiphenylamine  
Concen: 82.491 ng  
RT: 15.94 min Scan# 2187  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.0  | 54.9  | 82.3  |
| 167     | 39.6  | 32.0  | 48.0  |





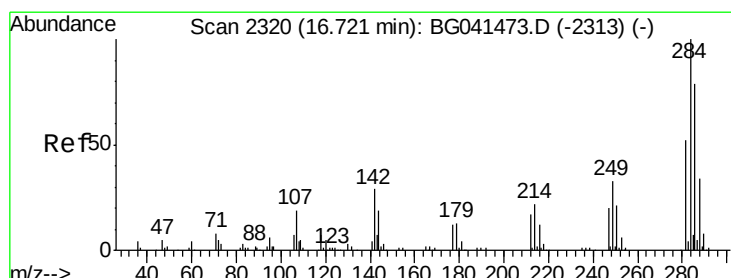
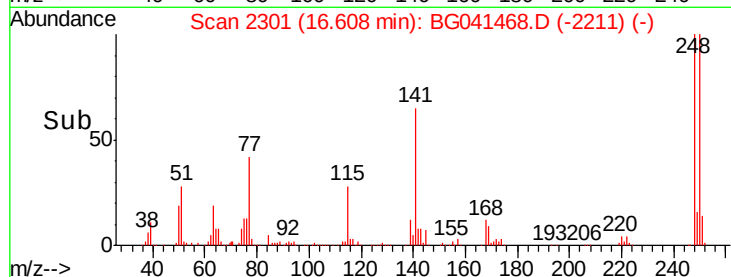
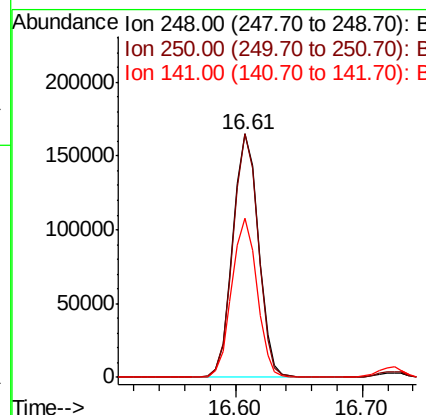
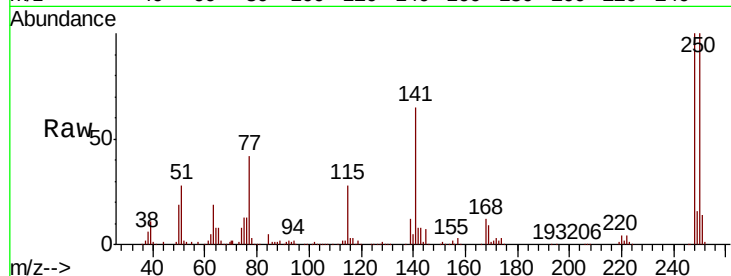
#67  
 4-Bromophenyl-phenylether  
 Concen: 83.791 ng  
 RT: 16.61 min Scan# 2301  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 100.0 | 76.7  | 115.1 |
| 141     | 65.3  | 51.8  | 77.8  |

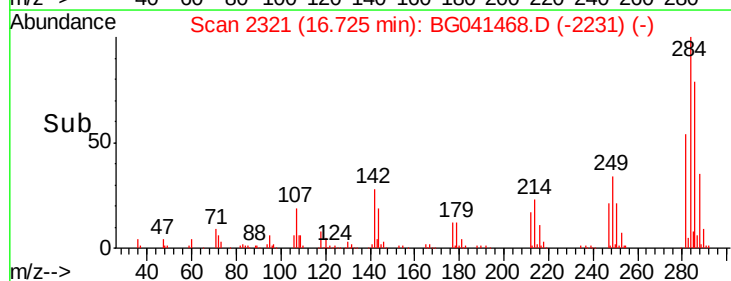
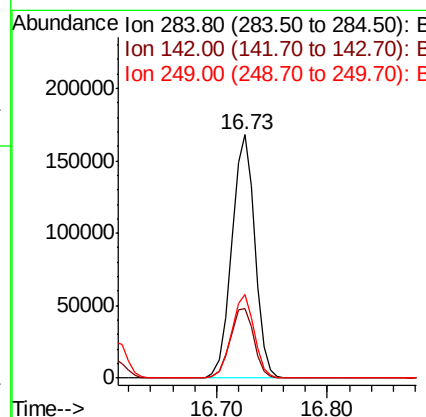
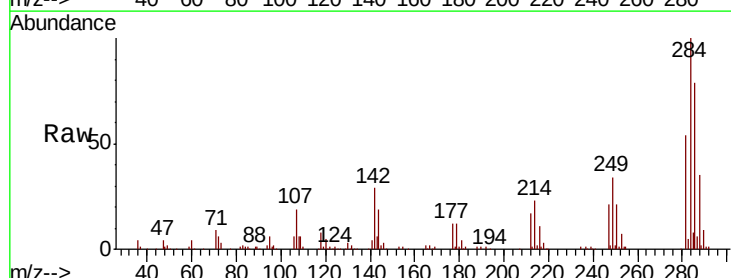
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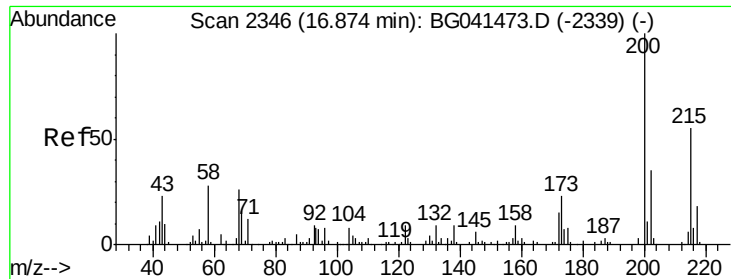
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#68  
 Hexachlorobenzene  
 Concen: 83.379 ng  
 RT: 16.73 min Scan# 2321  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.8  | 23.7  | 35.5  |
| 249     | 34.4  | 25.9  | 38.9  |





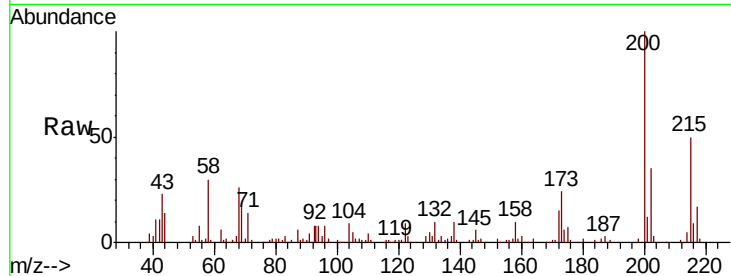
#69  
Atrazine  
Concen: 41.134 ng  
RT: 16.87 min Scan# 2346  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.9  | 2.4   | 42.4  |
| 215     | 50.1  | 32.4  | 72.4  |

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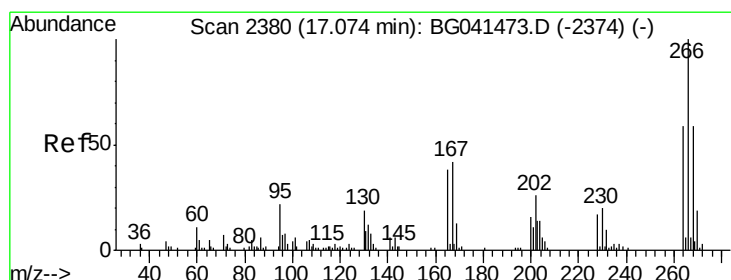
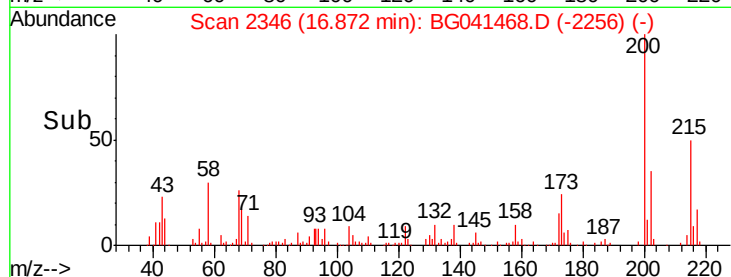
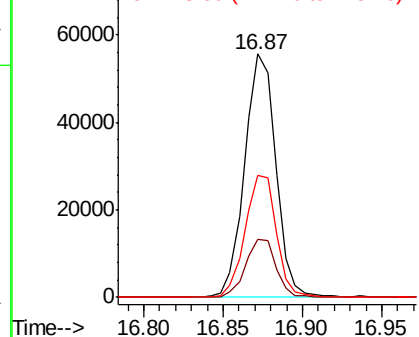


Abundance

Ion 200.00 (199.70 to 200.70): E

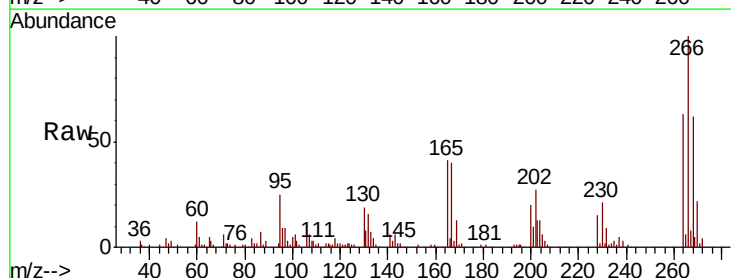
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 75.071 ng  
RT: 17.07 min Scan# 2380  
Delta R.T. -0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.9  | 51.9  | 77.9  |
| 264     | 63.5  | 54.8  | 82.2  |

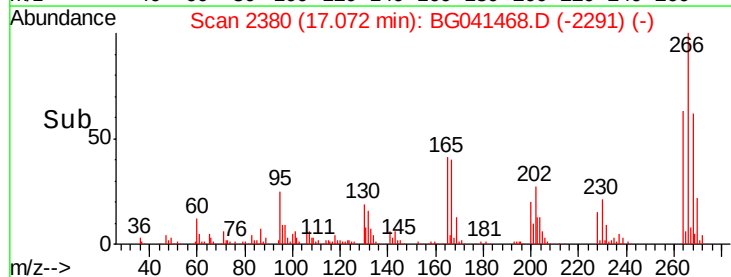
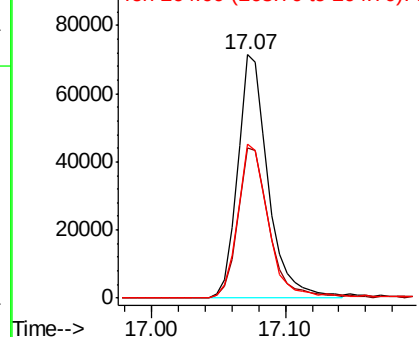


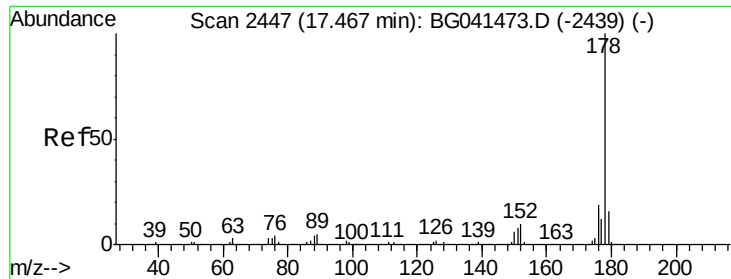
Abundance

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





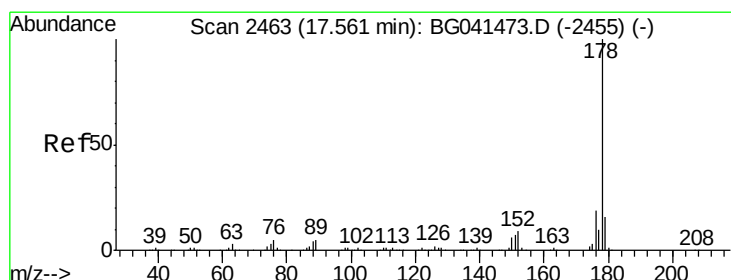
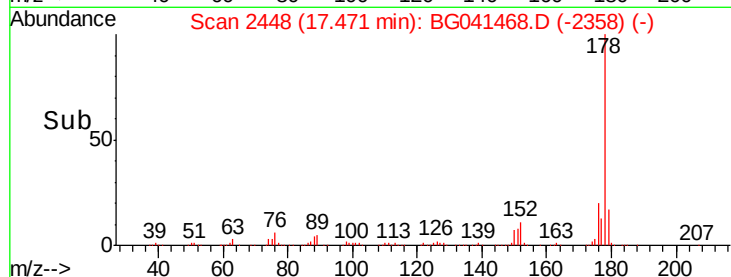
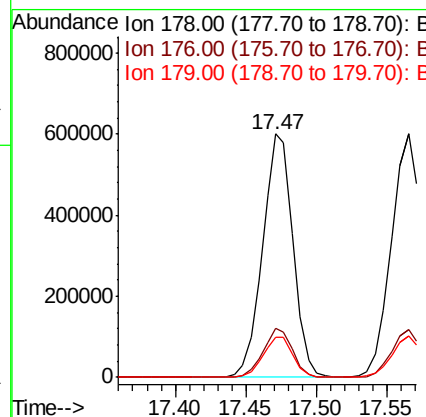
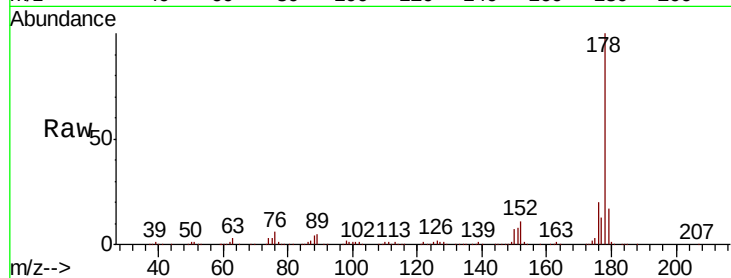
#71  
Phenanthrene  
Concen: 79.653 ng  
RT: 17.47 min Scan# 2448  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.3  | 15.6  | 23.4  |
| 179     | 16.6  | 12.5  | 18.7  |

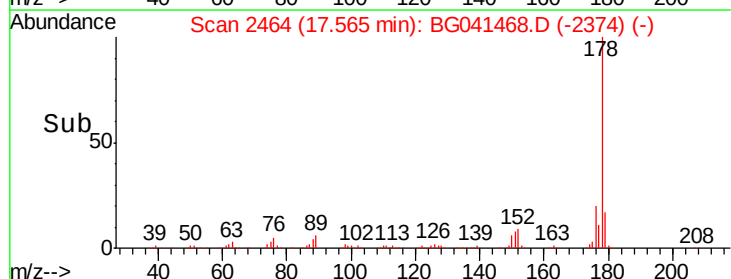
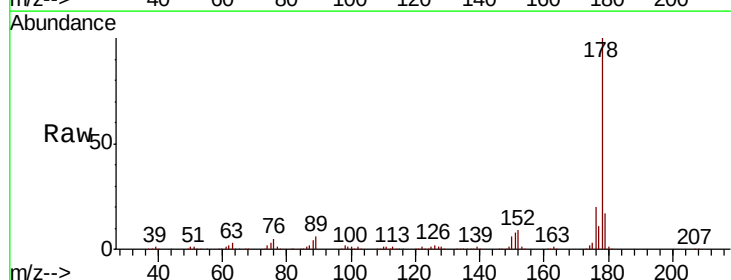
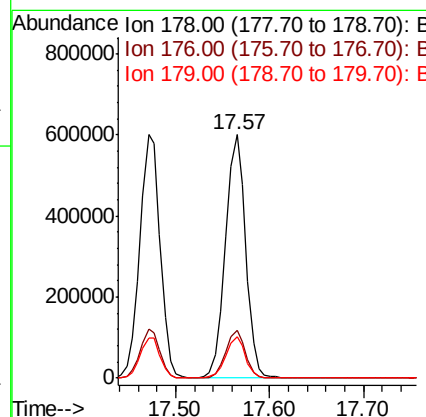
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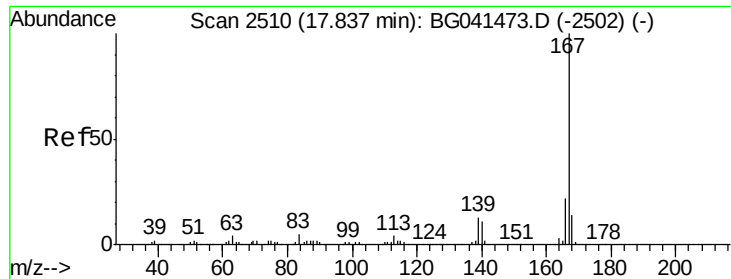


#72  
Anthracene  
Concen: 80.717 ng  
RT: 17.57 min Scan# 2464  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.0  | 22.6  |
| 179     | 17.1  | 13.6  | 20.4  |







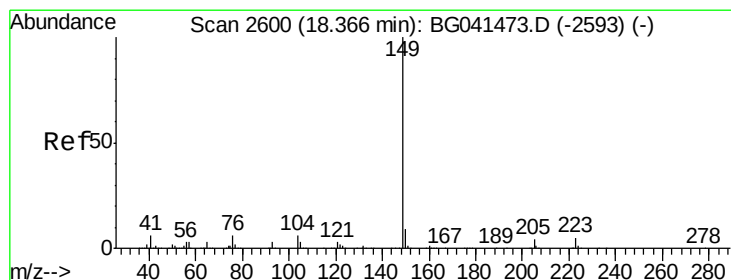
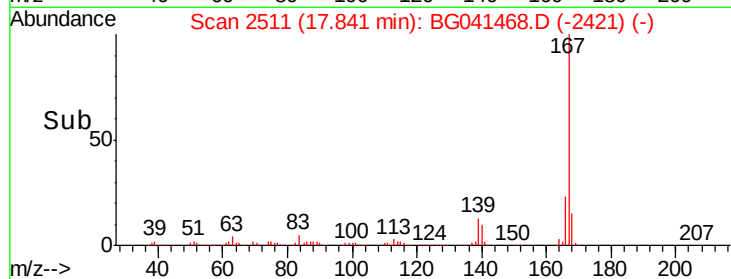
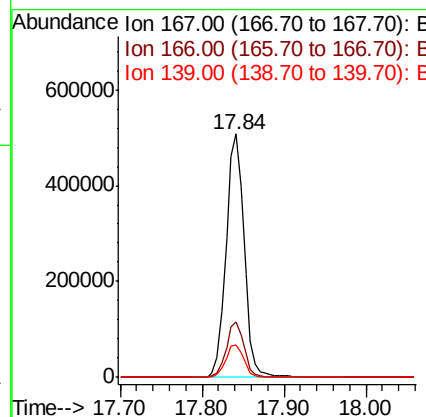
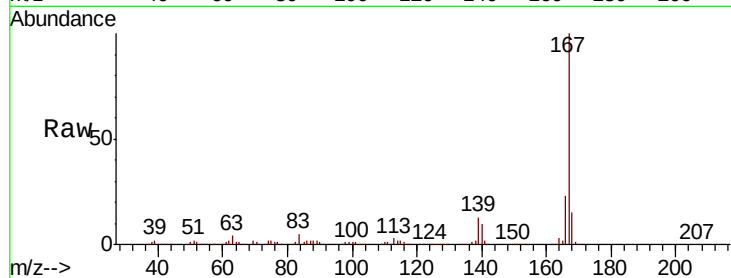
#73  
 Carbazole  
 Concen: 80.109 ng  
 RT: 17.84 min Scan# 2511  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 17.6  | 26.4  |
| 139     | 13.2  | 10.5  | 15.7  |

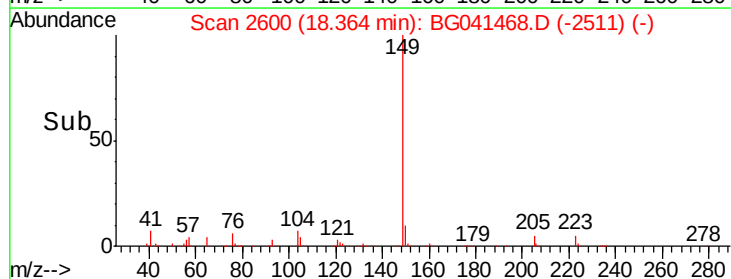
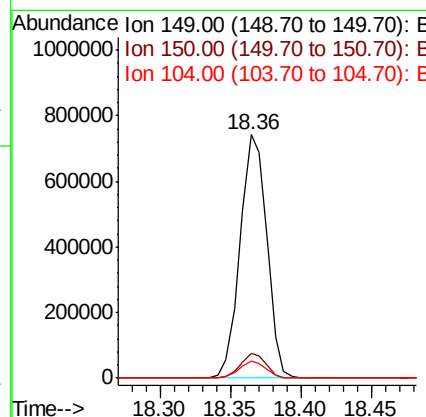
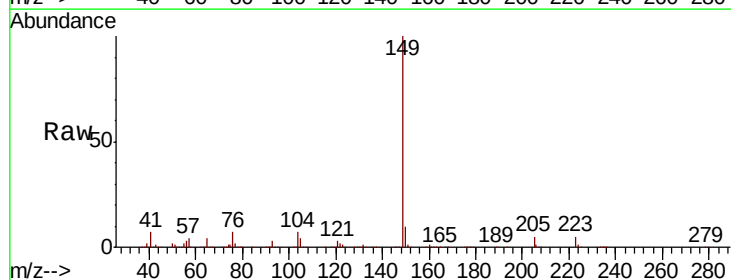
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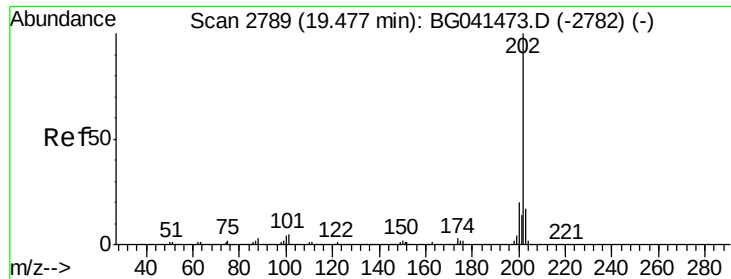
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#74  
 Di-n-butylphthalate  
 Concen: 80.136 ng  
 RT: 18.36 min Scan# 2600  
 Delta R.T. -0.01 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 7.4   | 11.2  |
| 104     | 6.8   | 5.1   | 7.7   |





#75

Fluoranthene

Concen: 77.942 ng

RT: 19.48 min Scan# 2790

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

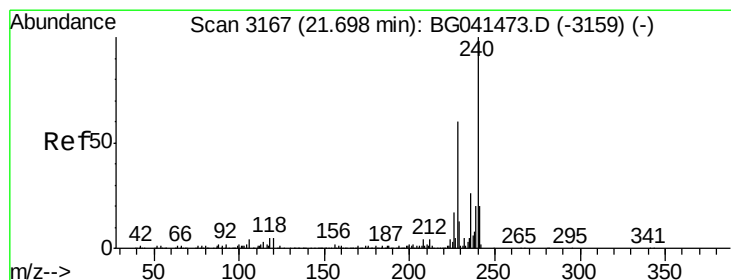
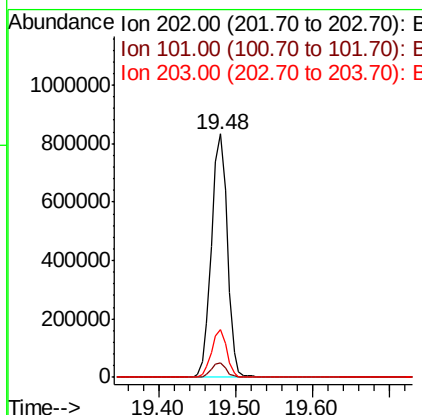
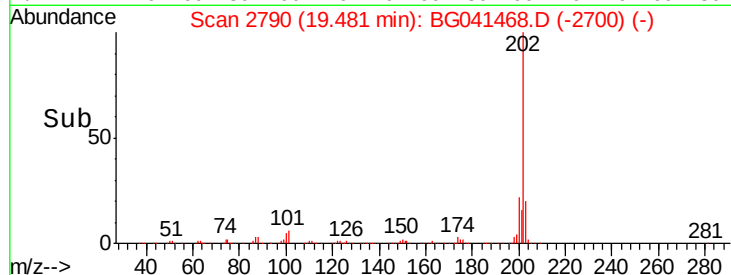
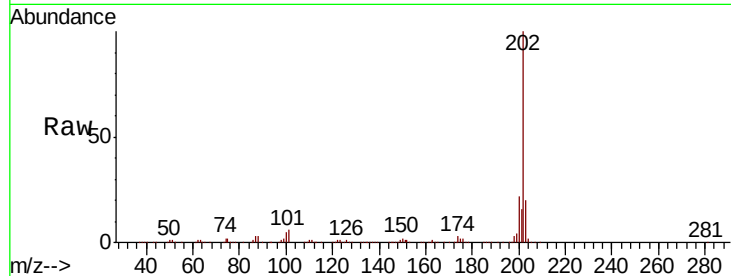
ClientSampleId :

SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 5.9   | 0.0   | 25.2  |
| 203     | 19.5  | 0.0   | 38.7  |

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#76

Chrysene-d12

Concen: 20.000 ng

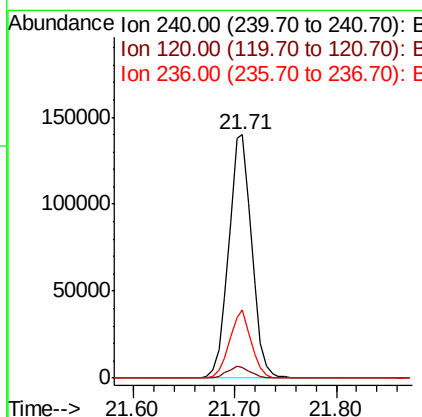
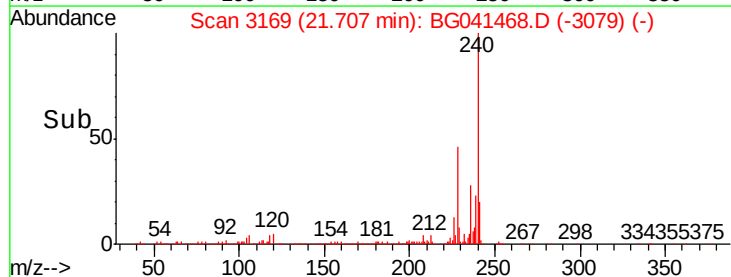
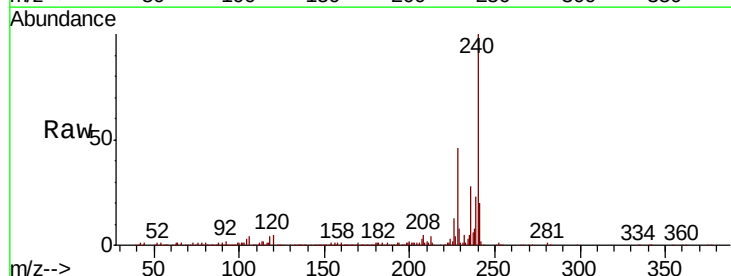
RT: 21.71 min Scan# 3169

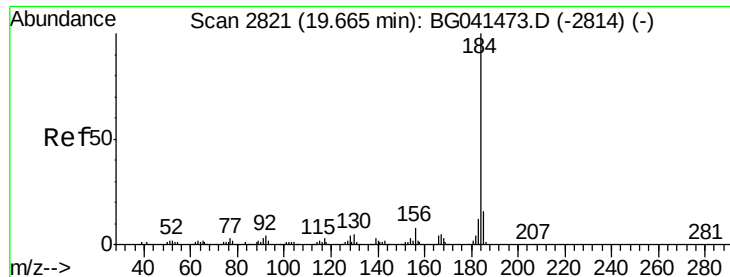
Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 4.5   | 3.4   | 5.0   |
| 236     | 28.2  | 21.0  | 31.6  |





#77

Benzidine

Concen: 46.402 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 246739

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.6

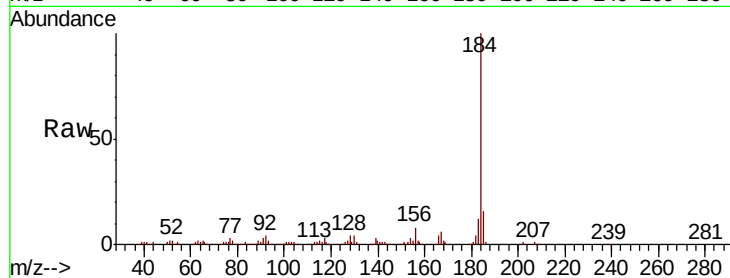
183 12.5 9.0 13.6

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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.67

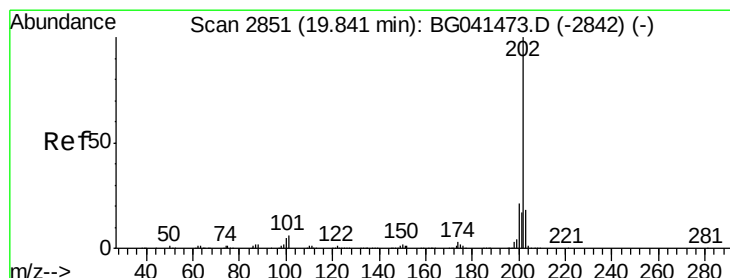
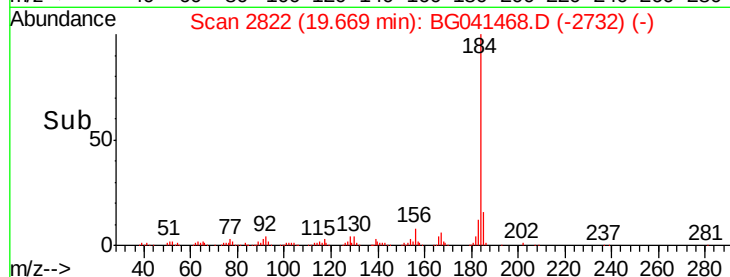
150000

100000

50000

0

Time-->



#78

Pyrene

Concen: 79.049 ng

RT: 19.84 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG041468.D

Acq: 26 Jun 2019 13:29

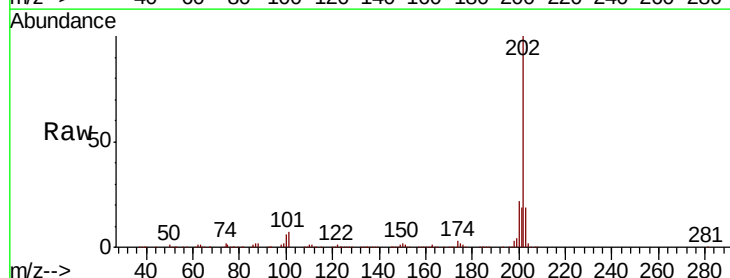
Tgt Ion:202 Resp: 1171994

Ion Ratio Lower Upper

202 100

200 22.3 16.5 24.7

203 19.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.84

1000000

800000

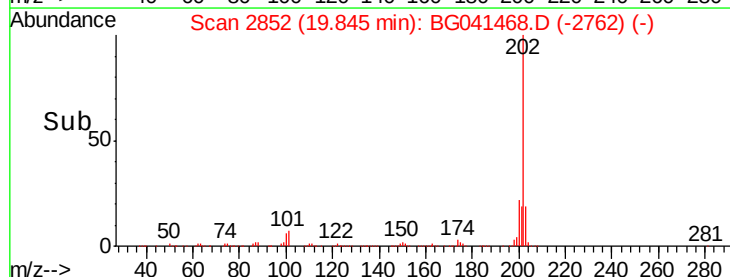
600000

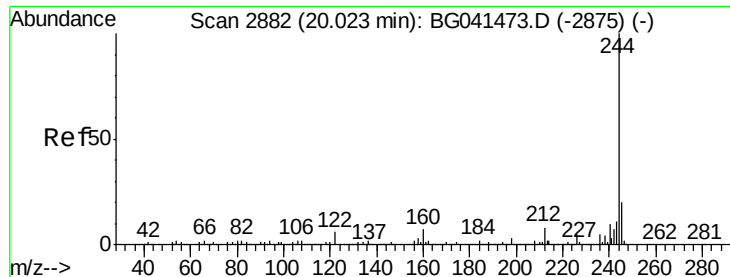
400000

200000

0

Time-->





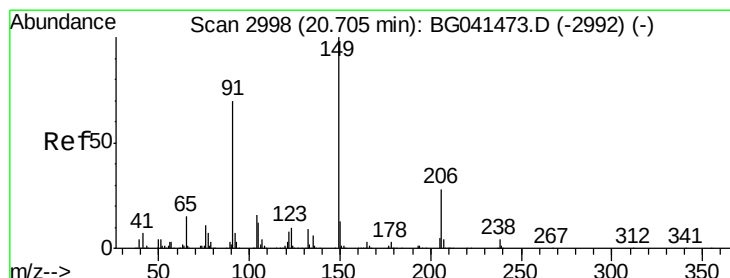
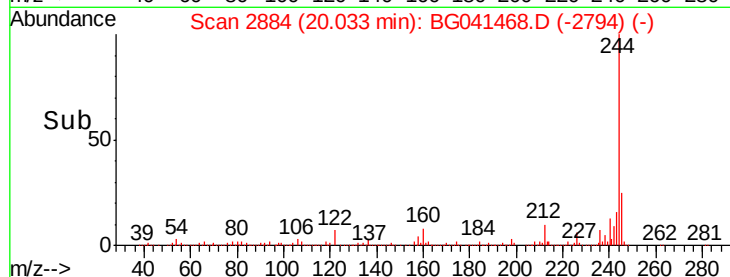
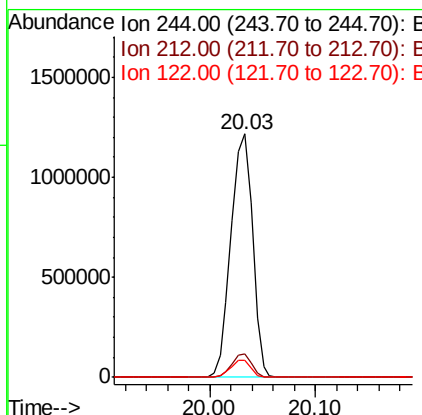
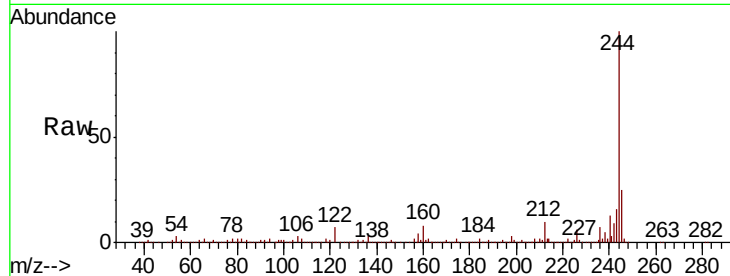
#79  
 Terphenyl-d14  
 Concen: 155.098 ng  
 RT: 20.03 min Scan# 2884  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.6   | 6.6   | 9.8   |
| 122     | 6.9   | 4.6   | 6.8   |

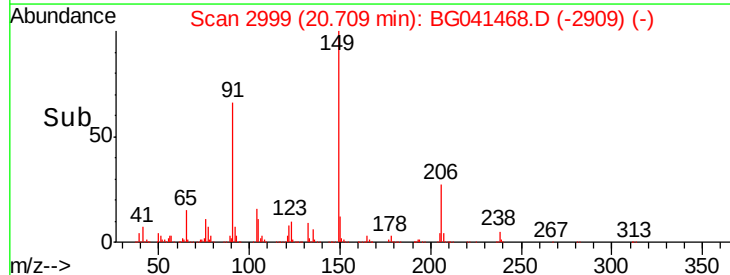
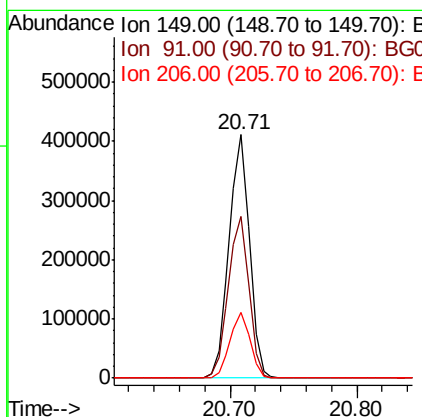
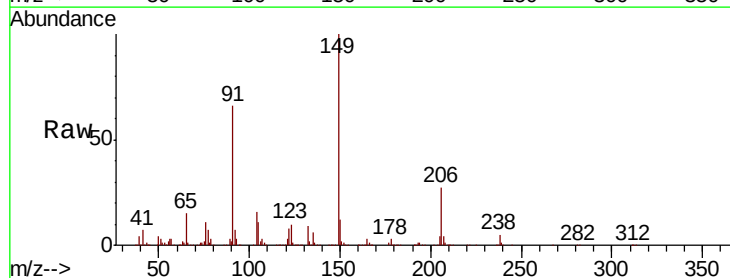
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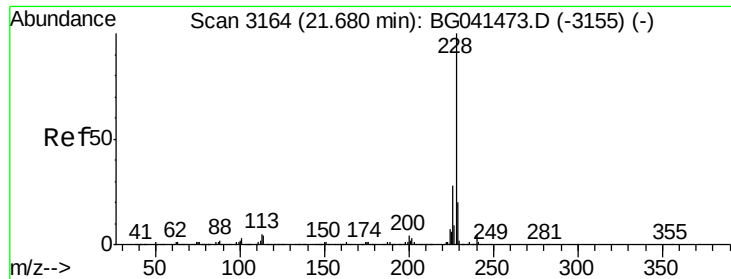
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#80  
 Butylbenzylphthalate  
 Concen: 81.585 ng  
 RT: 20.71 min Scan# 2999  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 66.3  | 54.0  | 81.0  |
| 206     | 27.0  | 21.0  | 31.6  |





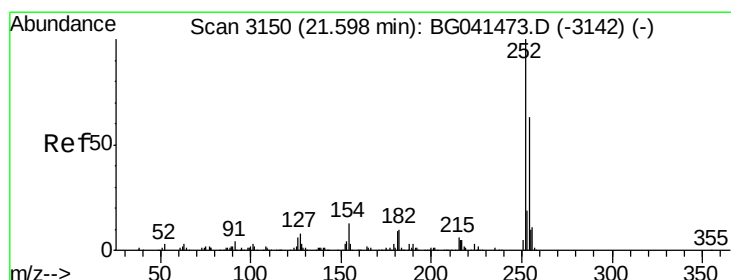
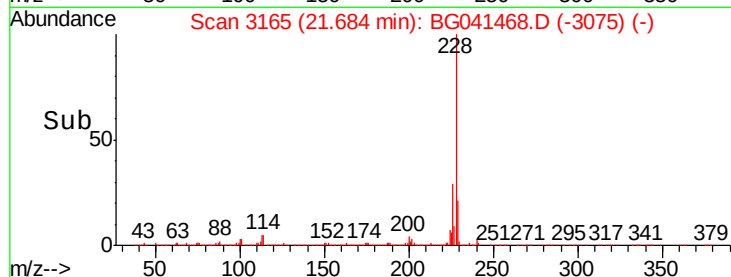
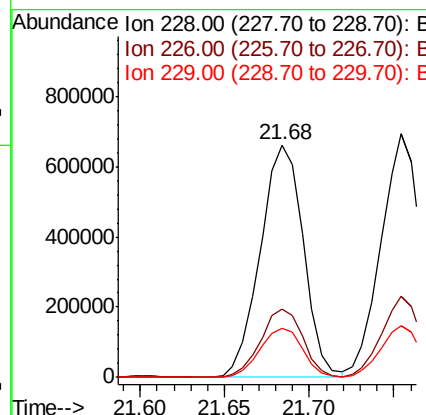
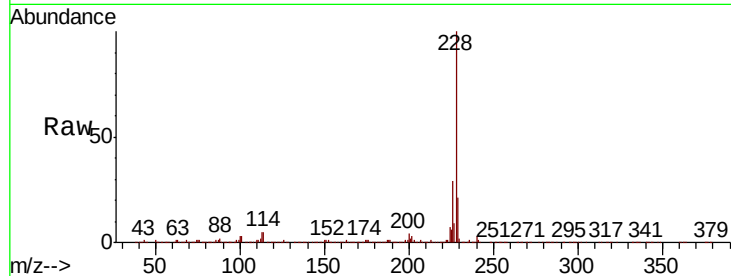
#81  
Benzo(a)anthracene  
Concen: 78.842 ng  
RT: 21.68 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 22.2  | 33.4  |
| 229     | 21.3  | 15.8  | 23.8  |

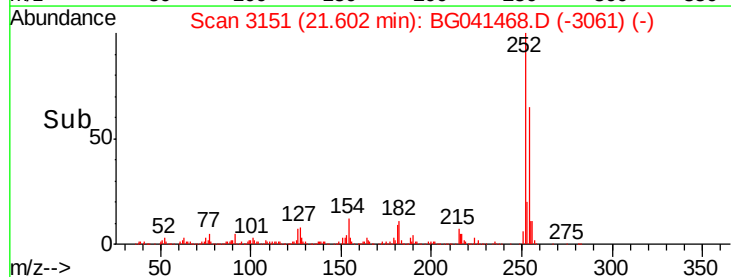
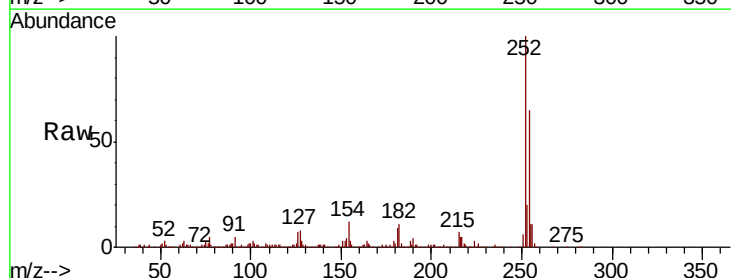
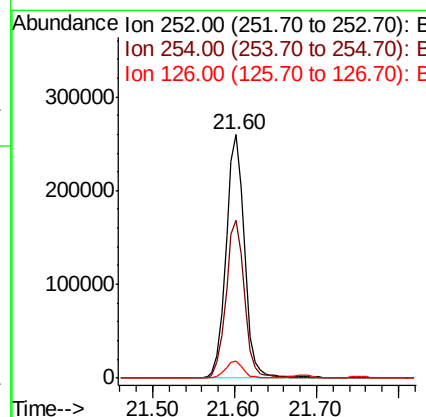
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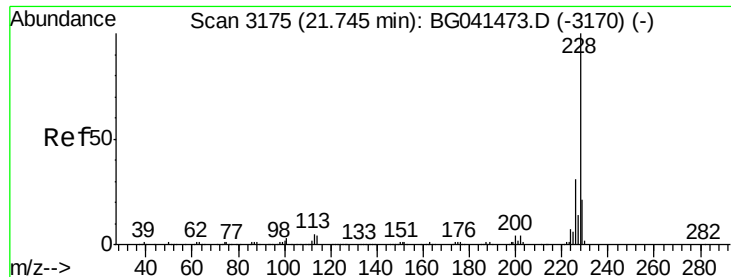
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#82  
3,3'-Dichlorobenzidine  
Concen: 77.985 ng  
RT: 21.60 min Scan# 3151  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.0  | 52.0  | 78.0  |
| 126     | 7.3   | 5.2   | 7.8   |





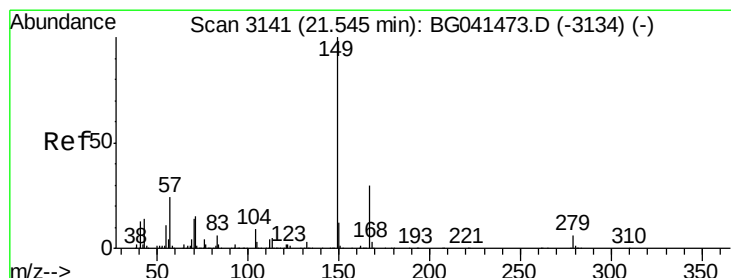
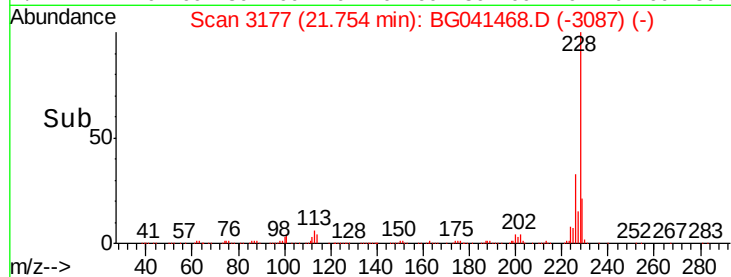
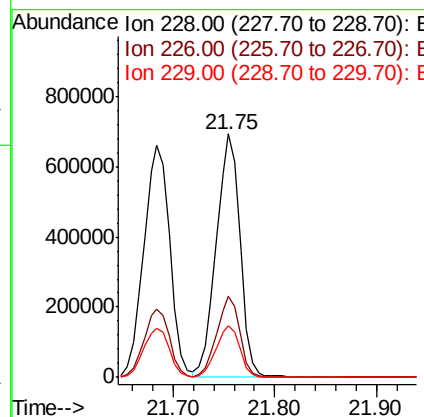
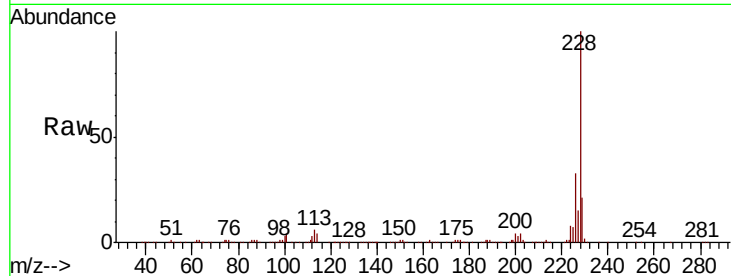
#83  
 Chrysene  
 Concen: 78.565 ng  
 RT: 21.75 min Scan# 3177  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.2  | 25.4  | 38.2  |
| 229     | 21.2  | 16.2  | 24.4  |

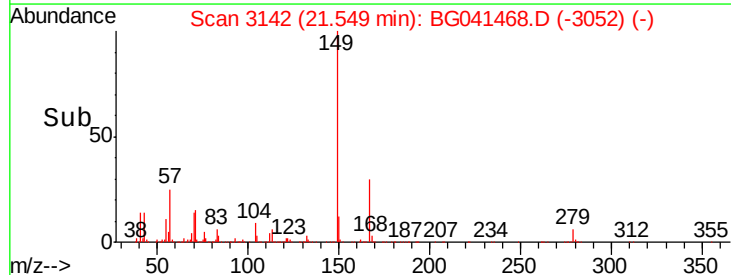
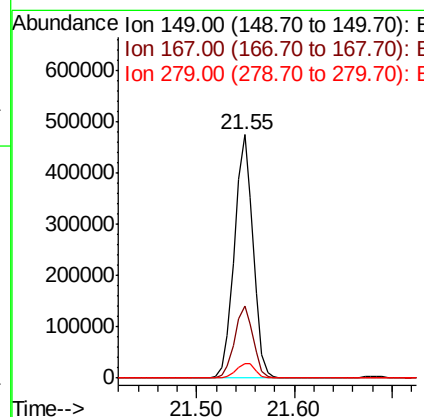
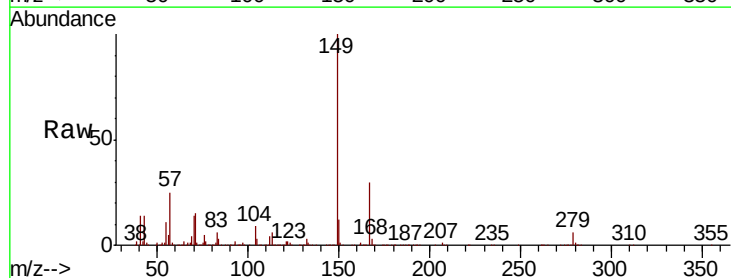
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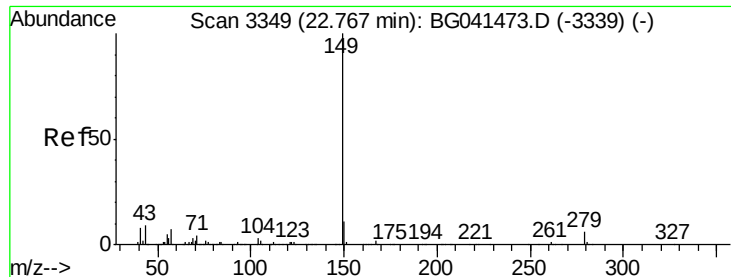
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 6/28/2019 8:26:50 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 82.159 ng  
 RT: 21.55 min Scan# 3142  
 Delta R.T. 0.00 min  
 Lab File: BG041468.D  
 Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.7  | 23.4  | 35.0  |
| 279     | 6.0   | 4.6   | 7.0   |





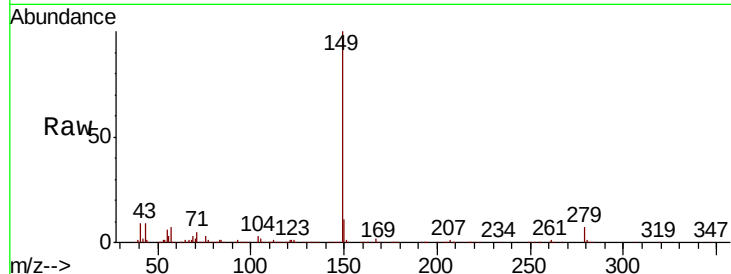
#85  
Di-n-octyl phthalate  
Concen: 80.520 ng  
RT: 22.77 min Scan# 3350  
Delta R.T. -0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 9.0   | 7.4   | 11.0  |

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6/28/2019 8:26:50 AM

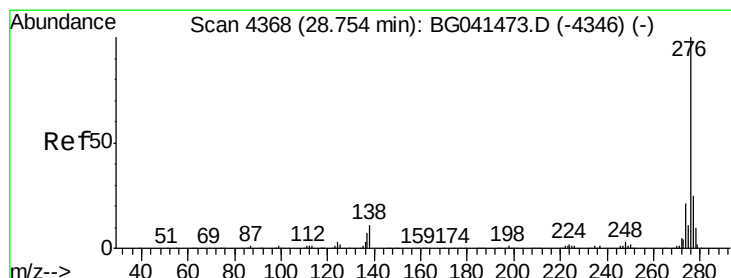
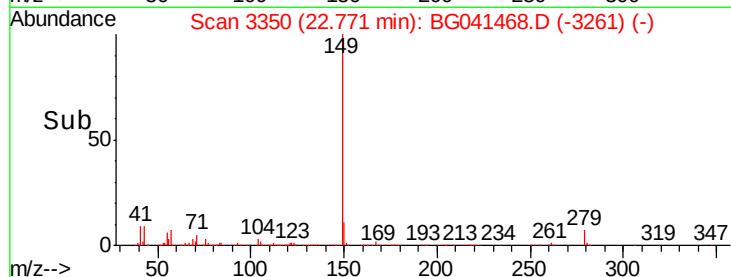
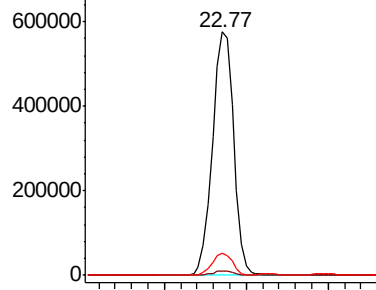


Abundance

Ion 149.00 (148.70 to 149.70): E

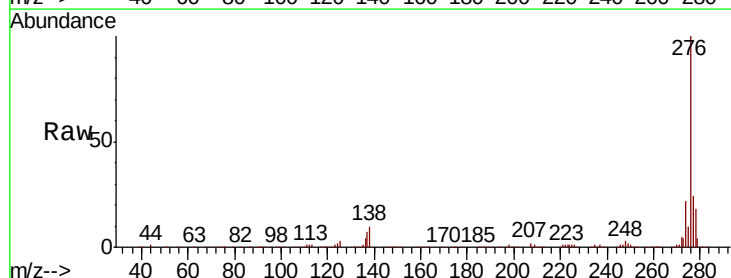
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 79.124 ng  
RT: 28.79 min Scan# 4374  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 7.5   | 7.4   | 11.0  |
| 277     | 25.9  | 20.7  | 31.1  |

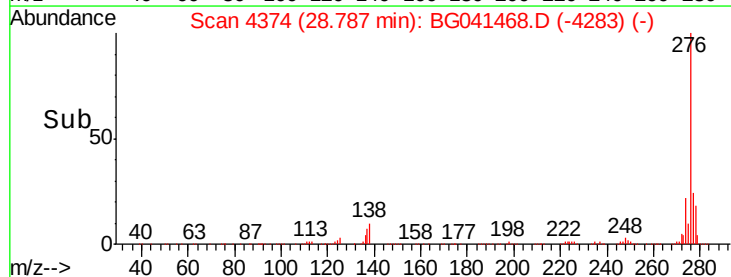
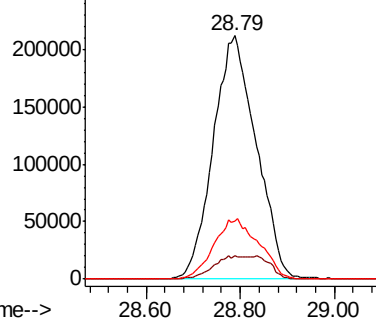


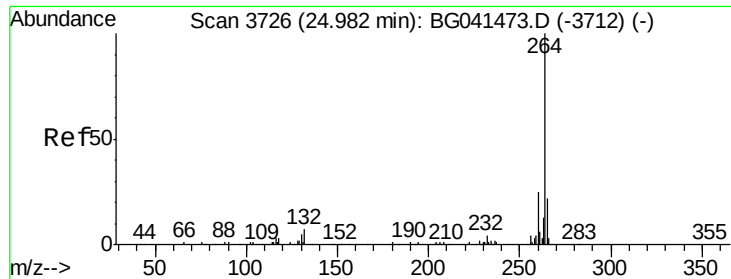
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





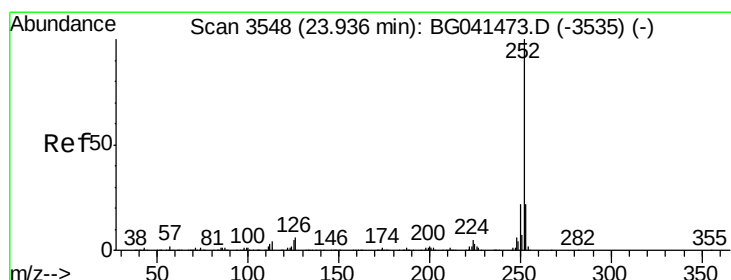
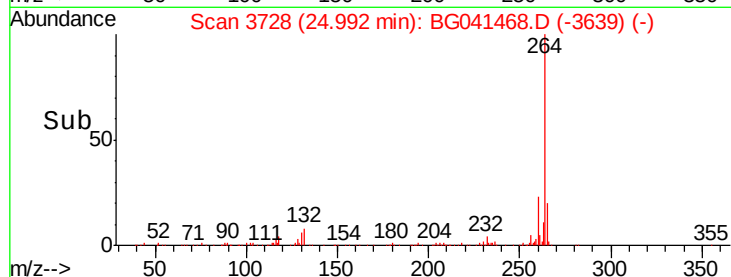
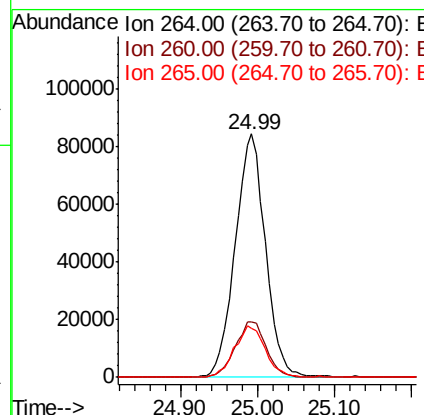
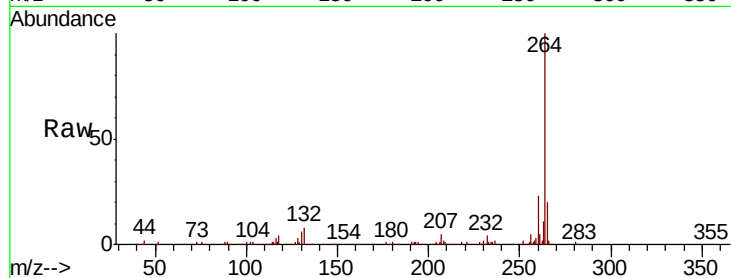
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.99 min Scan# 3728  
Delta R.T. -0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 18.9  | 28.3  |
| 265     | 20.2  | 17.4  | 26.2  |

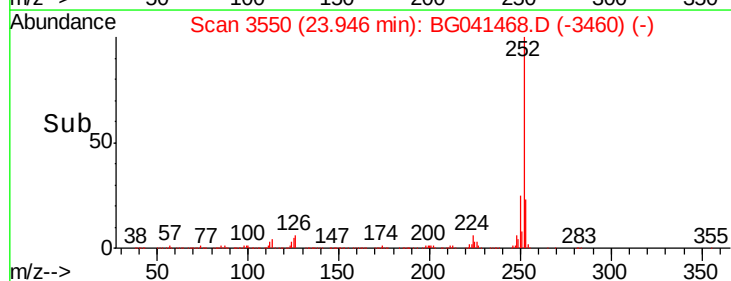
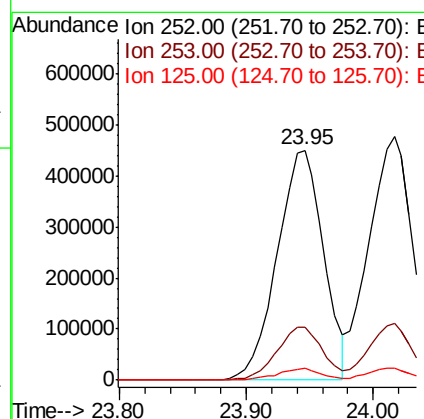
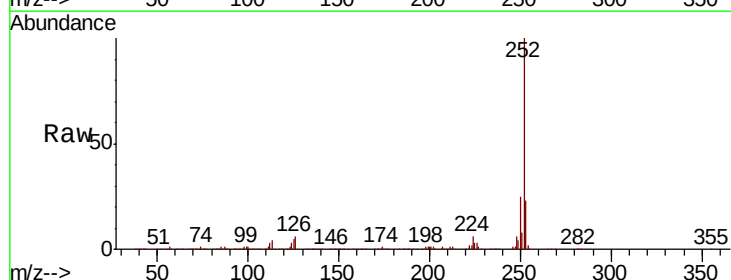
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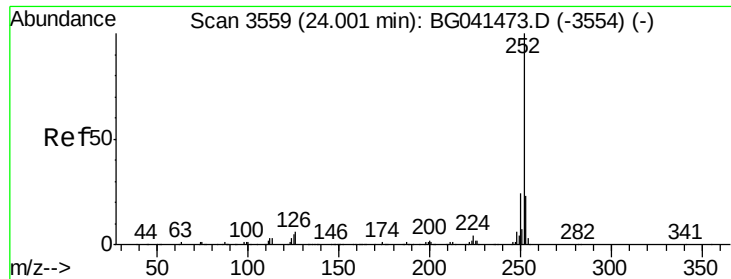


#88  
Benzo(b)fluoranthene  
Concen: 79.458 ng  
RT: 23.95 min Scan# 3550  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.1  | 27.1  |
| 125     | 5.0   | 3.2   | 4.8   |







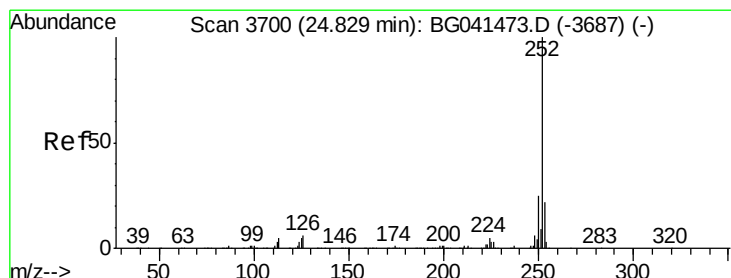
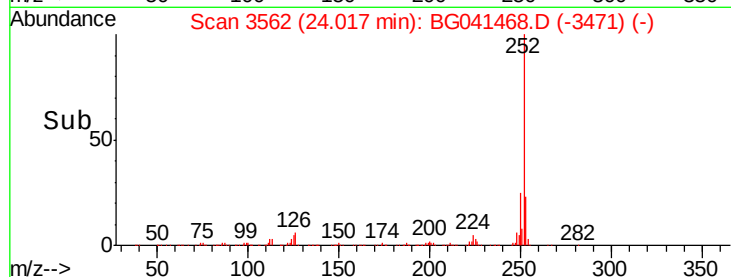
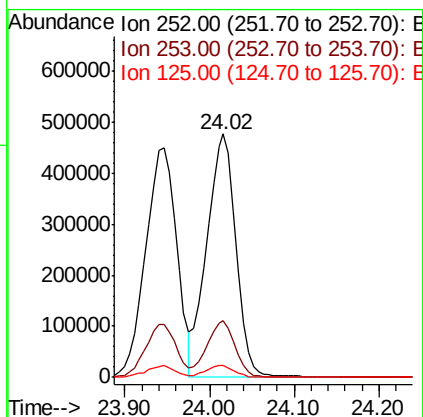
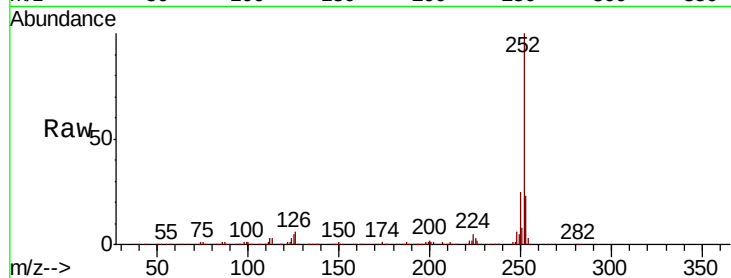
#89  
Benzo(k)fluoranthene  
Concen: 80.249 ng  
RT: 24.02 min Scan# 3562  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 17.8  | 26.6  |
| 125     | 4.9   | 4.0   | 6.0   |

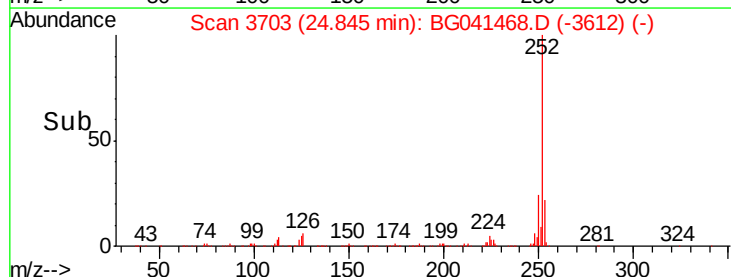
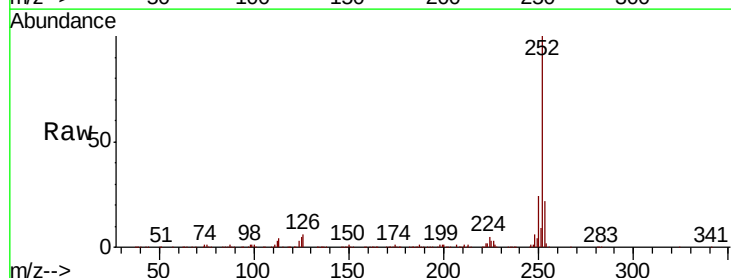
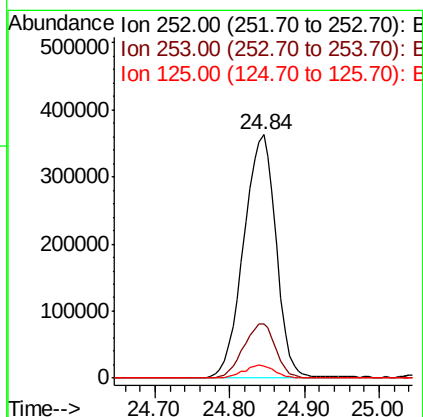
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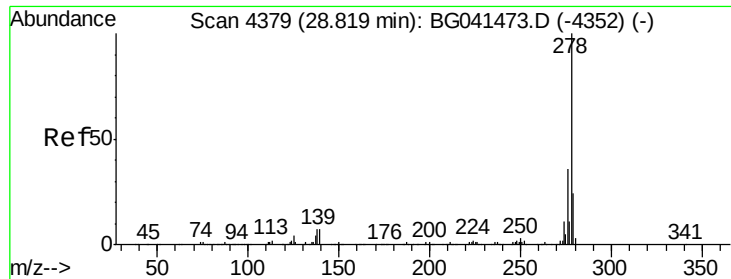
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6/28/2019 8:26:50 AM



#90  
Benzo(a)pyrene  
Concen: 80.294 ng  
RT: 24.84 min Scan# 3703  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.3  | 25.9  |
| 125     | 4.9   | 4.3   | 6.5   |





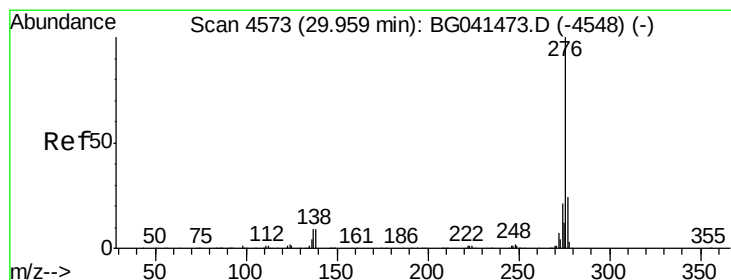
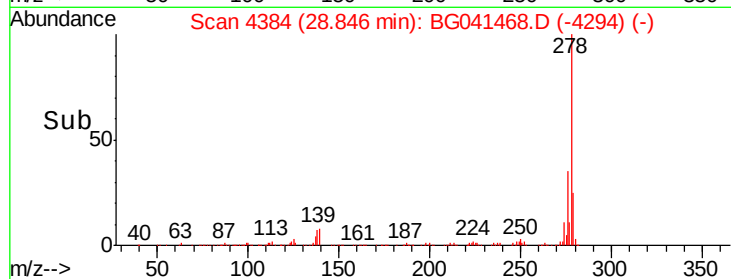
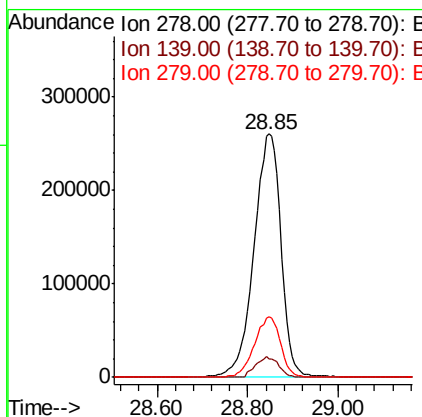
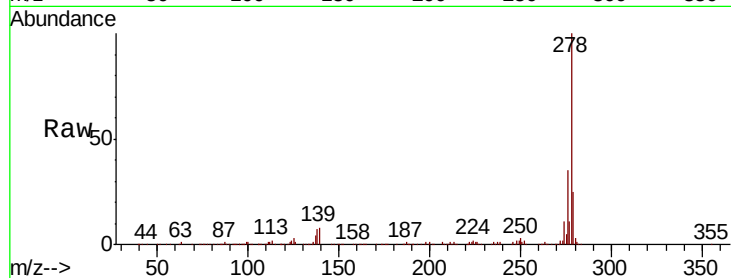
#91  
Dibenzo(a,h)anthracene  
Concen: 79.008 ng  
RT: 28.85 min Scan# 4384  
Delta R.T. 0.00 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 7.6   | 5.7   | 8.5   |
| 279     | 24.7  | 19.5  | 29.3  |

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#92  
Benzo(g,h,i)perylene  
Concen: 79.678 ng  
RT: 29.99 min Scan# 4578  
Delta R.T. 0.01 min  
Lab File: BG041468.D  
Acq: 26 Jun 2019 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 18.2  | 27.2  |
| 138     | 9.6   | 7.7   | 11.5  |

