

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\  
 Data File : BG042601.D  
 Acq On : 30 Aug 2019 15:26  
 Operator : HP/JU  
 Sample : K4471-16MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

Manual Integrations  
 APPROVED

mohammad  
 8/31/2019 2:42:43 PM

Quant Time: Aug 30 16:38:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 34858    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 132474   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 101431   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 240511   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.69 | 240  | 256811   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.92 | 264  | 312145   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.55  | 112 | 252924 | 146.95 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 338129 | 145.44 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 188576 | 98.37  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 221917 | 153.93 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 523909 | 87.36  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.02 | 244 | 976625 | 82.22  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88  | 25597  | 35.637 | ng | 97     |
| 3) Pyridine                    | 3.82  | 79  | 60464  | 32.829 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.74  | 42  | 32281  | 49.072 | ng | 92     |
| 6) Aniline                     | 7.31  | 93  | 105878 | 34.145 | ng | 99     |
| 8) 2-Chlorophenol              | 7.56  | 128 | 106934 | 51.265 | ng | 100    |
| 9) Benzaldehyde                | 7.13  | 77  | 58373  | 50.152 | ng | 98     |
| 10) Phenol                     | 7.19  | 94  | 128046 | 54.170 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.41  | 93  | 81878  | 44.105 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.88  | 146 | 117195 | 44.166 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 121685 | 45.273 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 114589 | 44.518 | ng | 97     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 81088  | 48.480 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 104638 | 41.586 | ng | 99     |
| 17) 2-Methylphenol             | 8.45  | 107 | 84910  | 48.769 | ng | 94     |
| 18) Hexachloroethane           | 9.09  | 117 | 38441  | 41.777 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 64891  | 43.083 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 115413 | 47.905 | ng | 99     |
| 22) Acetophenone               | 8.82  | 105 | 146859 | 51.832 | ng | # 98   |
| 24) Nitrobenzene               | 9.21  | 77  | 98112  | 50.540 | ng | 98     |
| 25) Isophorone                 | 9.74  | 82  | 184778 | 48.840 | ng | 98     |
| 26) 2-Nitrophenol              | 9.92  | 139 | 64678  | 53.166 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 99847  | 59.583 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 114854 | 48.166 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 123172 | 56.179 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 136424 | 50.694 | ng | 97     |
| 31) Naphthalene                | 10.87 | 128 | 311996 | 50.728 | ng | 99     |
| 32) Benzoic acid               | 10.12 | 122 | 7380m  | 13.205 | ng |        |
| 33) 4-Chloroaniline            | 10.98 | 127 | 85020  | 29.945 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 89503  | 49.487 | ng | 99     |
| 35) Caprolactam                | 11.76 | 113 | 35686m | 48.779 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 110843 | 53.256 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 252581 | 51.145 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 236556 | 50.428 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 172221 | 52.872 | ng | 99     |

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 S704-N-2.0-2.5-082119MS

Manual Integrations  
 APPROVED

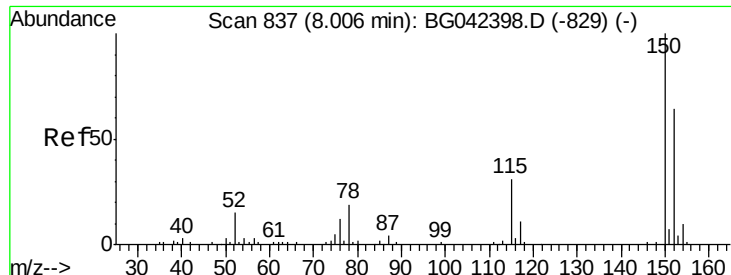
mohammad  
 8/31/2019 2:42:43 PM

Quant Time: Aug 30 16:38:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.83 | 237  | 159457   | 93.194  | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 114971   | 52.219  | nq    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 124883   | 54.734  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 335067   | 51.104  | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 278435   | 49.250  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.74 | 65   | 63977    | 46.928  | nq    | 94       |
| 49) Acenaphthylene             | 14.38 | 152  | 434647   | 51.102  | nq    | 98       |
| 50) Dimethylphthalate          | 14.11 | 163  | 420978   | 57.521  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 87609    | 51.644  | nq    | 96       |
| 52) Acenaphthene               | 14.72 | 154  | 252448   | 48.880  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 60114    | 35.433  | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 43553    | 41.367  | nq    | 97       |
| 55) Dibenzofuran               | 15.06 | 168  | 438799   | 51.327  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 128469   | 106.566 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 126071   | 51.898  | nq    | 98       |
| 58) Fluorene                   | 15.71 | 166  | 354642   | 50.748  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 128000   | 56.729  | nq    | 94       |
| 60) Diethylphthalate           | 15.48 | 149  | 351921   | 49.190  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 213042   | 50.572  | nq    | 97       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 86769    | 47.787  | nq    | 94       |
| 63) Azobenzene                 | 15.99 | 77   | 232076   | 47.340  | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 71494    | 47.413  | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 335388   | 50.707  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 151857   | 49.777  | nq    | 99       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 158957   | 47.931  | nq    | 97       |
| 69) Atrazine                   | 16.86 | 200  | 129873   | 55.525  | nq    | 97       |
| 70) Pentachlorophenol          | 17.07 | 266  | 185028   | 107.379 | nq    | 99       |
| 71) Phenanthrene               | 17.46 | 178  | 624781   | 52.298  | nq    | 99       |
| 72) Anthracene                 | 17.54 | 178  | 628694   | 52.715  | nq    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 559077   | 52.598  | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 619423   | 49.299  | nq    | 100      |
| 75) Fluoranthene               | 19.47 | 202  | 817587   | 56.076  | nq    | 97       |
| 77) Benzidine                  | 19.64 | 184  | 459312   | 62.382  | nq    | 98       |
| 78) Pyrene                     | 19.82 | 202  | 802547   | 50.972  | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 289633   | 46.769  | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 784102   | 50.191  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 270994   | 43.131  | nq    | 97       |
| 83) Chrysene                   | 21.73 | 228  | 759165   | 50.388  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 412582   | 47.984  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 723777   | 48.942  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.64 | 276  | 1010923  | 49.374  | nq    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.90 | 252  | 858581   | 50.032  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.97 | 252  | 860801   | 52.186  | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.78 | 252  | 850114   | 52.206  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.70 | 278  | 835212   | 50.657  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.80 | 276  | 843278   | 51.139  | nq    | 97       |

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





#1

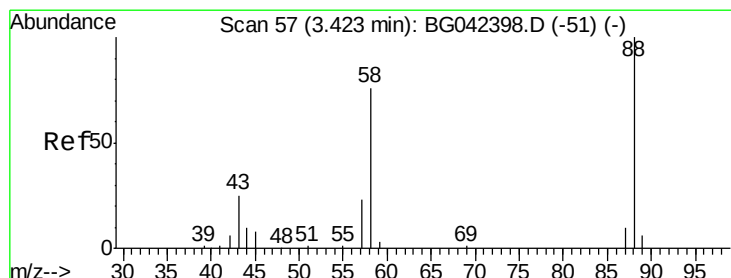
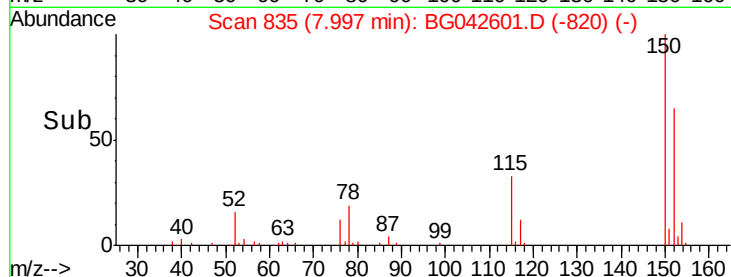
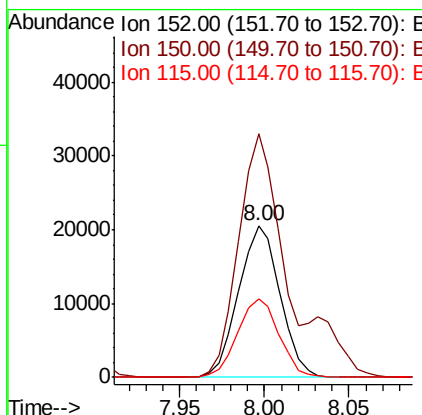
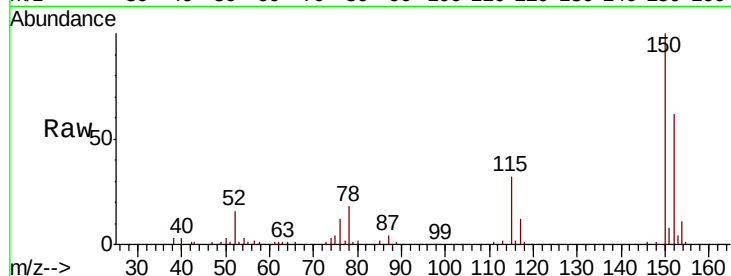
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Concen: 20.000 ng  
RT: 8.00 min Scan# 835  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.5 | 125.4 | 188.0 |
| 115     | 51.4  | 38.5  | 57.7  |

Manual Integrations  
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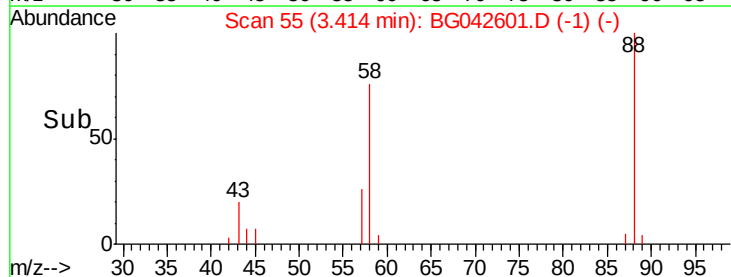
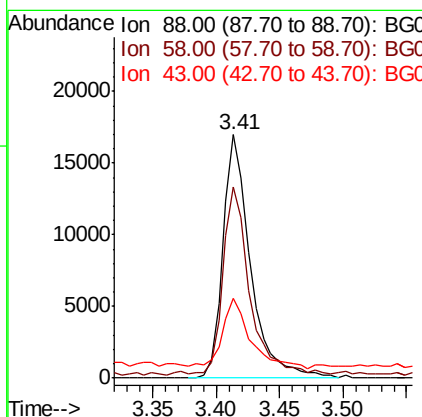
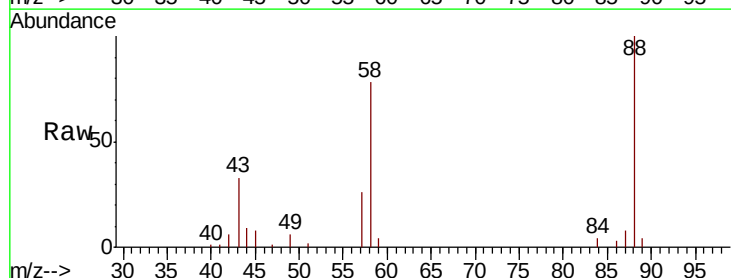
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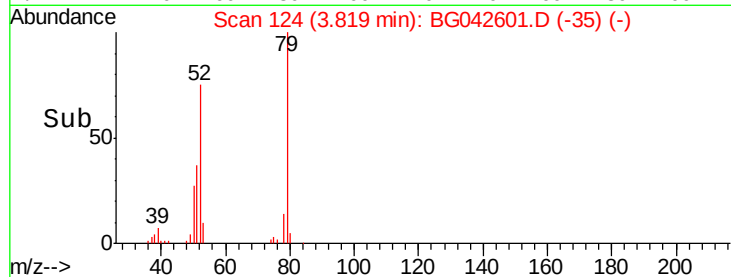
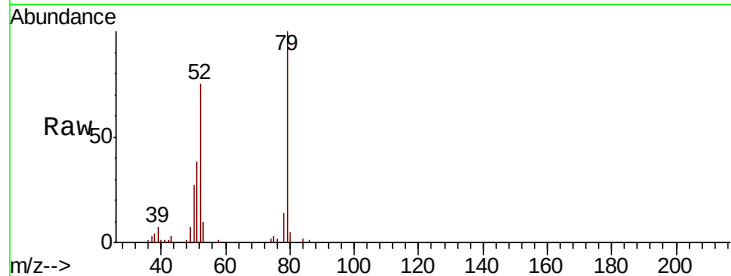
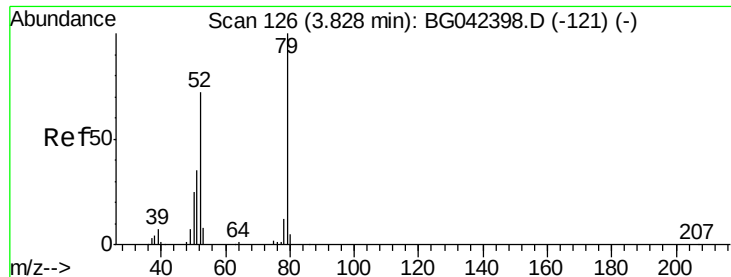


#2

1,4-Dioxane  
Concen: 35.637 ng  
RT: 3.41 min Scan# 55  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.5  | 58.3  | 87.5  |
| 43      | 29.2  | 20.2  | 30.2  |





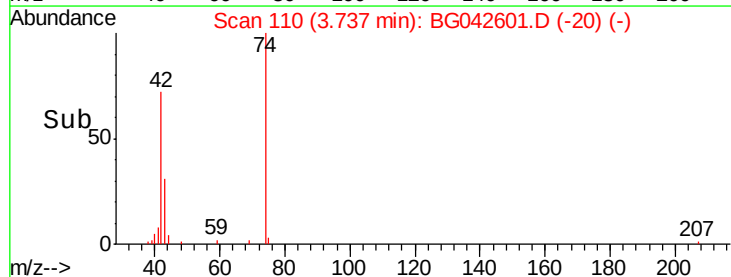
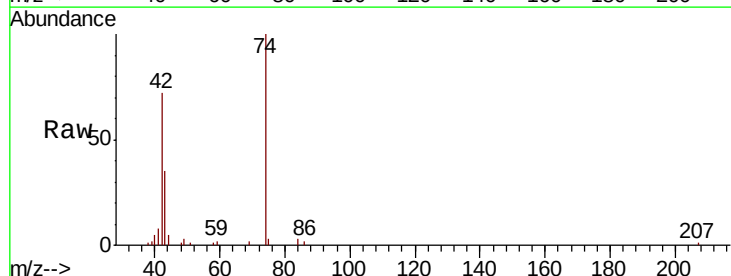
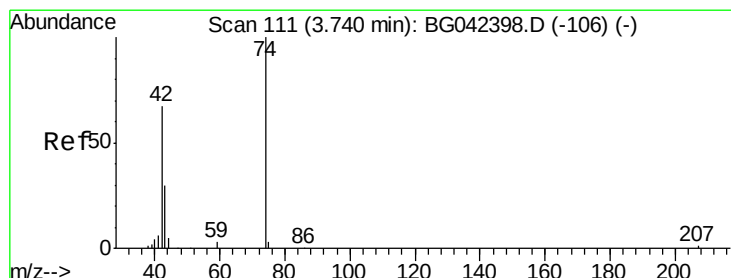
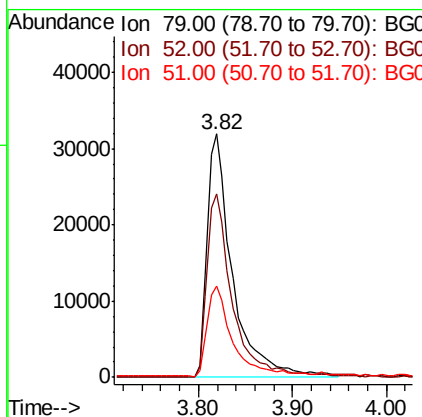
#3  
Pvridine  
Concen: 32.829 ng  
RT: 3.82 min Scan# 124  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 75.3  | 57.7  | 86.5  |
| 51      | 37.6  | 28.8  | 43.2  |

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

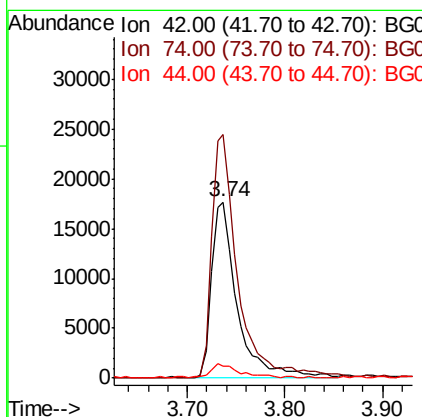
Manual Integrations  
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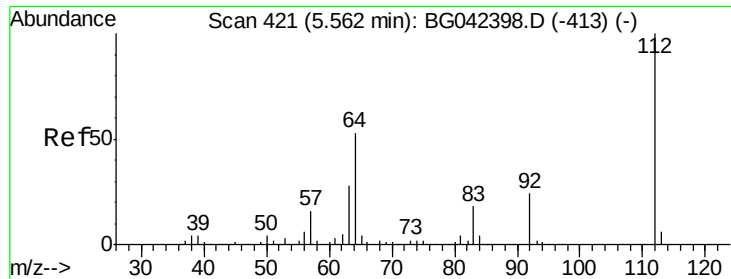
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8/31/2019 2:42:43 PM



#4  
n-Nitrosodimethylamine  
Concen: 49.072 ng  
RT: 3.74 min Scan# 110  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 138.4 | 119.6 | 179.4 |
| 44      | 6.7   | 6.5   | 9.7   |





#5

2-Fluorophenol

Concen: 146.952 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

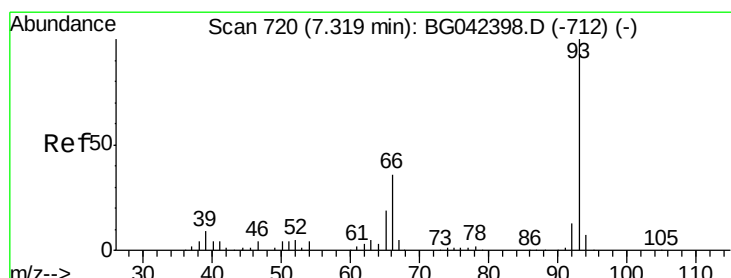
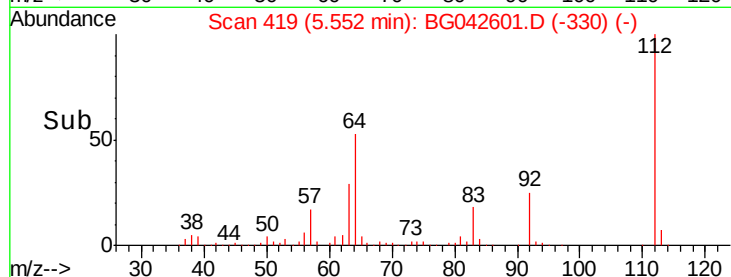
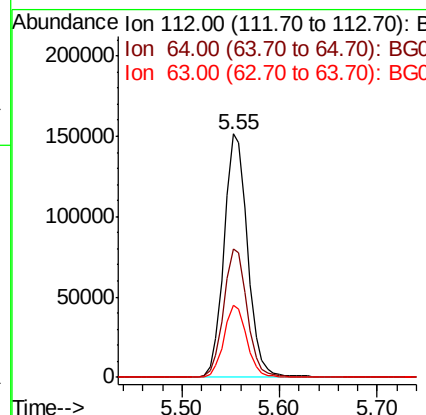
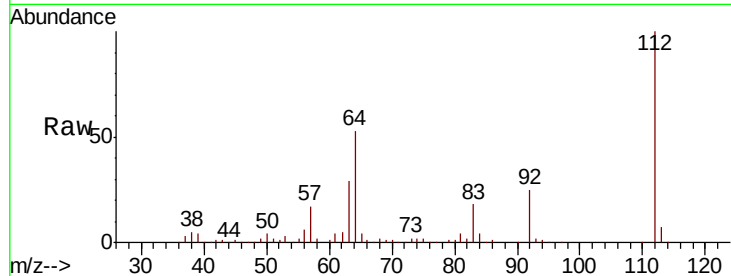
ClientSampleId :

S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 252924 |       |       |
| 64      | 52.9  | 42.8   | 64.2  |       |
| 63      | 29.4  | 22.7   | 34.1  |       |

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#6

Aniline

Concen: 34.145 ng

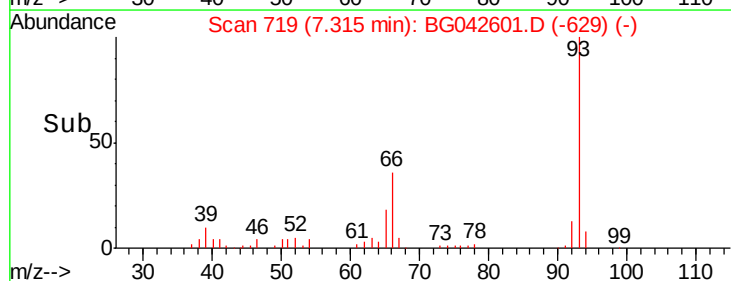
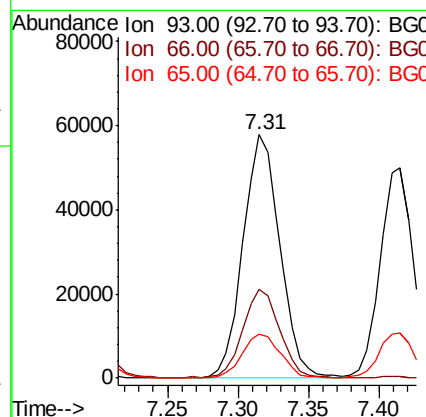
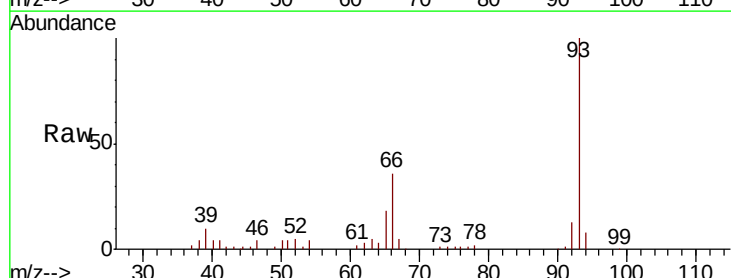
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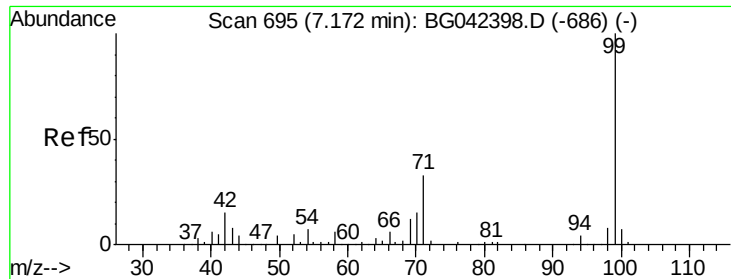
Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 105878 |       |       |
| 66      | 36.2  | 29.0   | 43.6  |       |
| 65      | 18.2  | 15.2   | 22.8  |       |





#7

Phenol-d6

Concen: 145.440 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

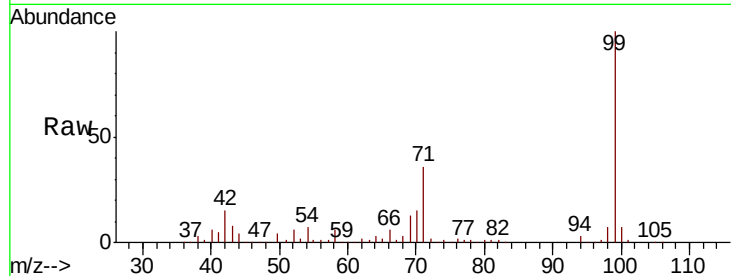
ClientSampleId :

S704-N-2.0-2.5-082119MS

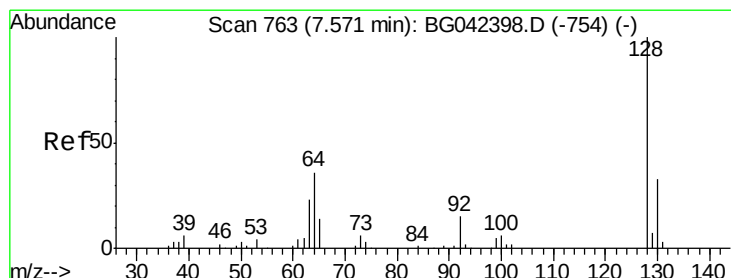
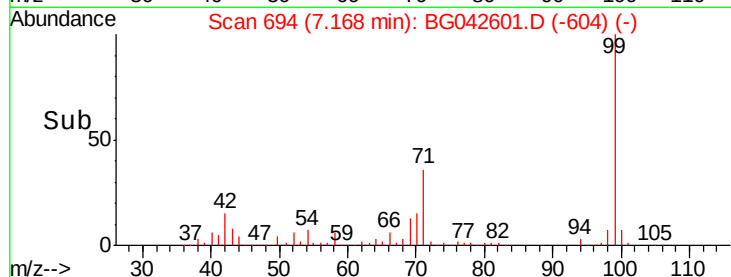
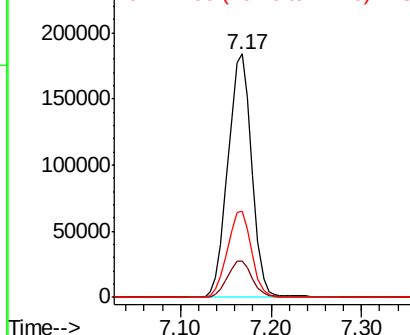
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 338129 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.9  | 12.0  | 18.0   |
| 71        | 35.5  | 26.3  | 39.5   |

Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.265 ng

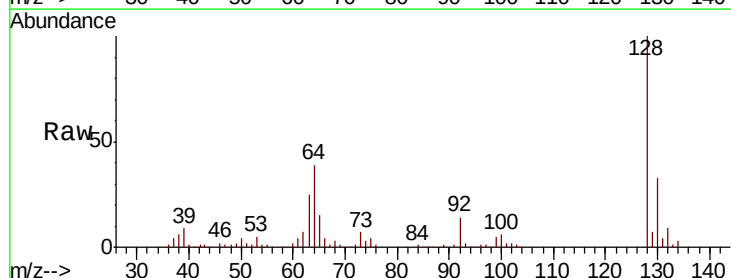
RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

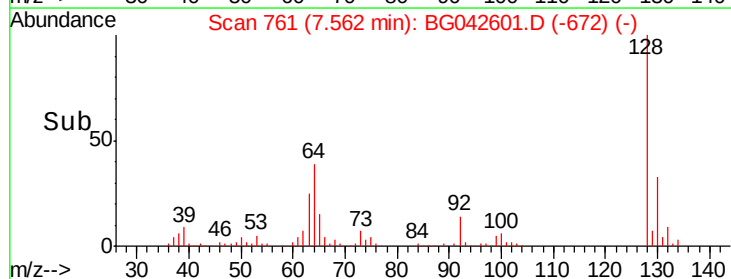
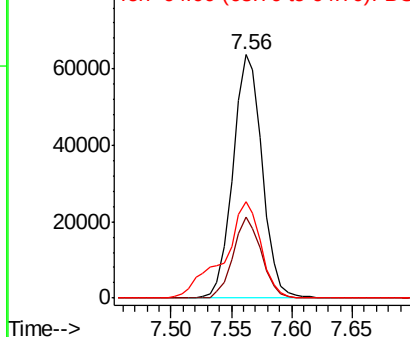
Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

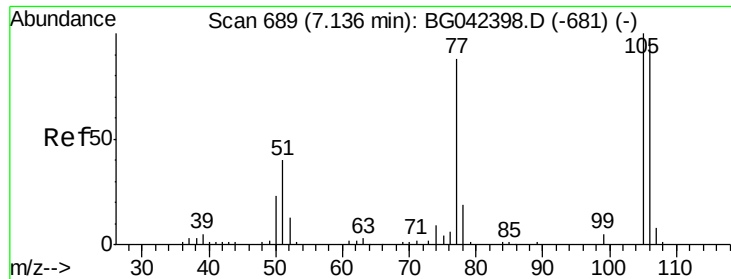
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 106934 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.1  | 12.8  | 52.8   |
| 64        | 39.4  | 19.2  | 59.2   |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 50.152 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

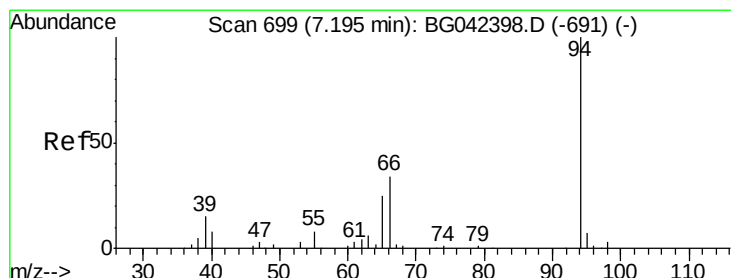
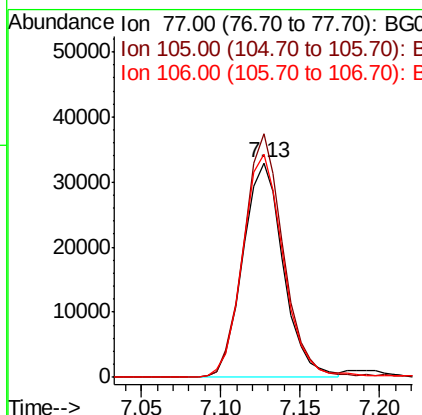
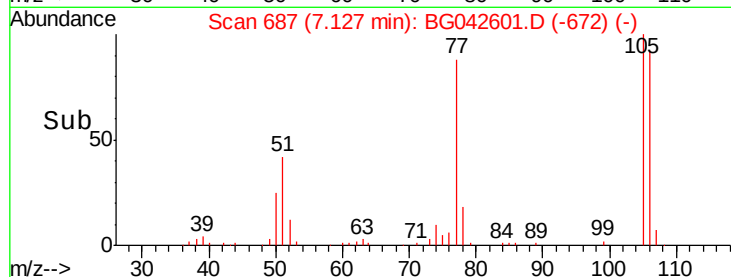
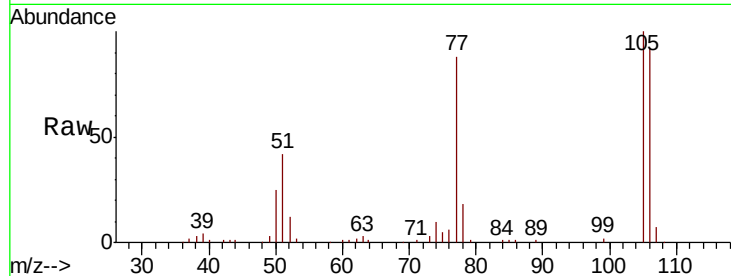
ClientSampleId :

S704-N-2.0-2.5-082119MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 58373 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 113.4 | 93.4  | 133.4 |
| 106      | 103.8 | 88.4  | 128.4 |

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#10

Phenol

Concen: 54.170 ng

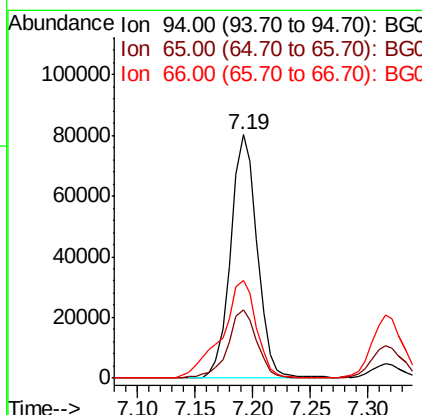
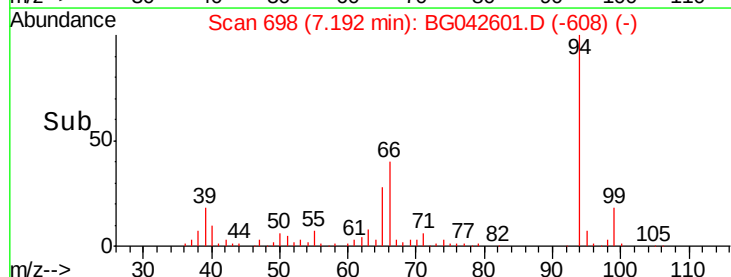
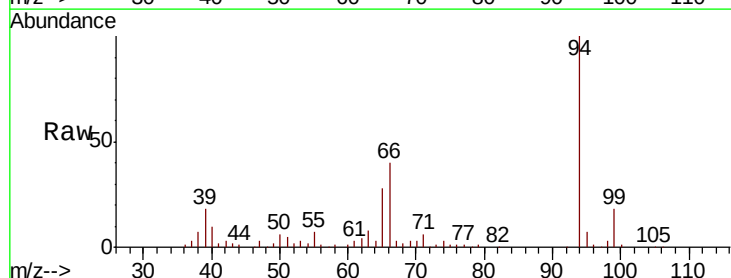
RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

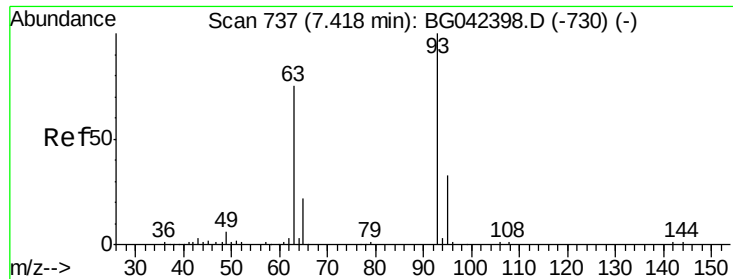
Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 128046 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 27.9  | 5.6   | 45.6   |
| 66       | 40.0  | 16.0  | 56.0   |







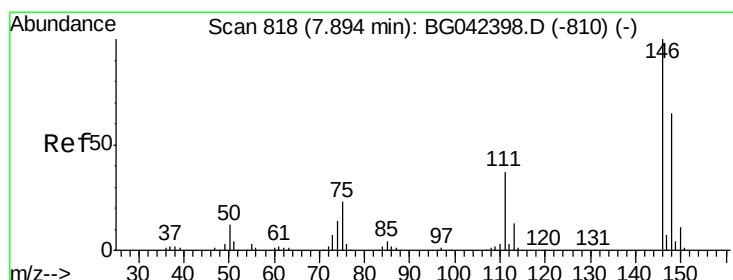
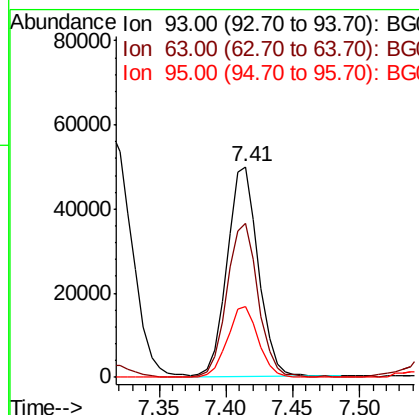
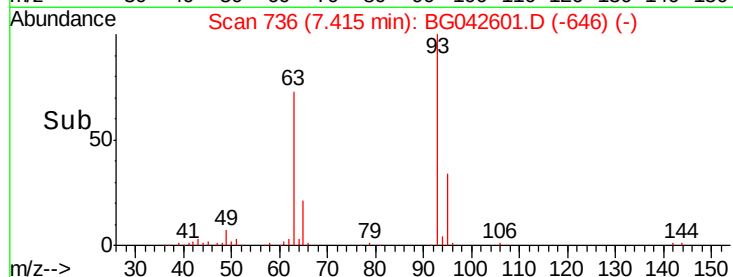
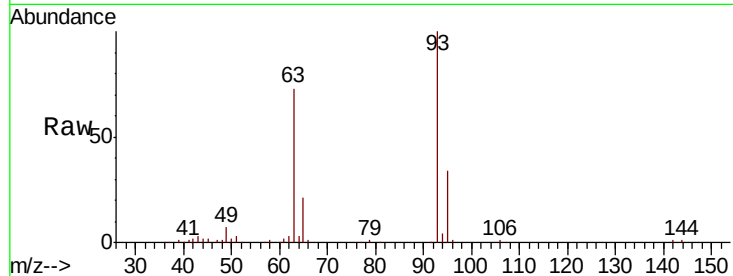
#11  
 bis(2-Chloroethyl)ether  
 Concen: 44.105 ng  
 RT: 7.41 min Scan# 736  
 Delta R.T. -0.00 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 93    | Resp: | 81878 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 73.4  | 53.8  | 93.8  |
| 95        | 33.6  | 13.1  | 53.1  |

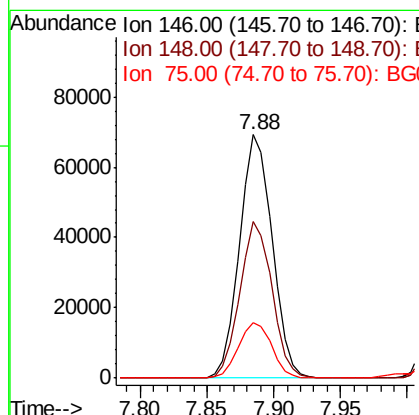
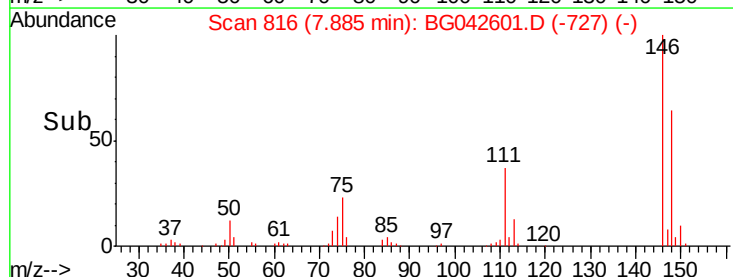
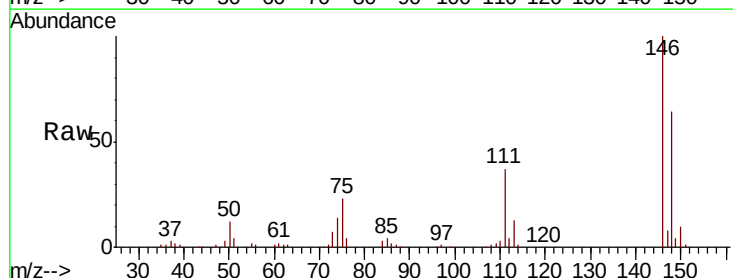
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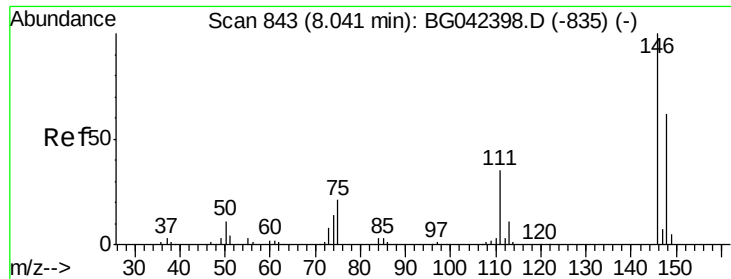
mohammad  
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#12  
 1,3-Dichlorobenzene  
 Concen: 44.166 ng  
 RT: 7.88 min Scan# 816  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 117195 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.2  | 52.2  | 78.2   |
| 75        | 22.6  | 18.0  | 27.0   |





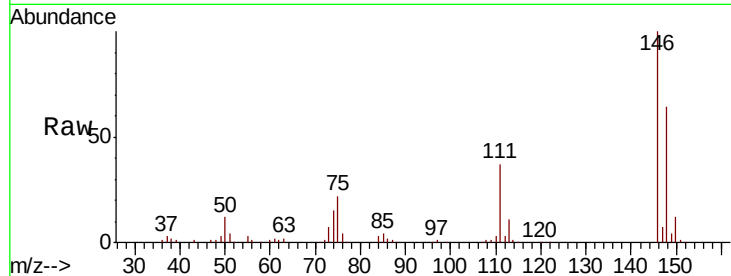
#13  
 1,4-Dichlorobenzene  
 Concen: 45.273 ng  
 RT: 8.03 min Scan# 841  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 49.5  | 74.3  |
| 111     | 37.1  | 28.1  | 42.1  |

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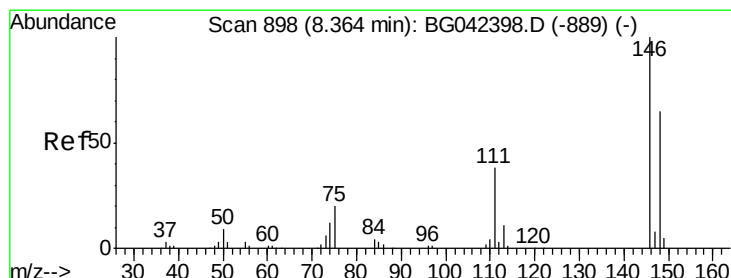
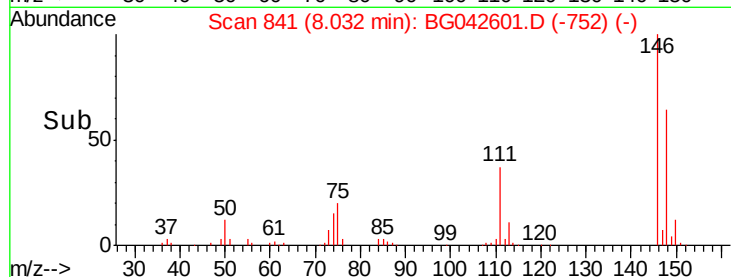
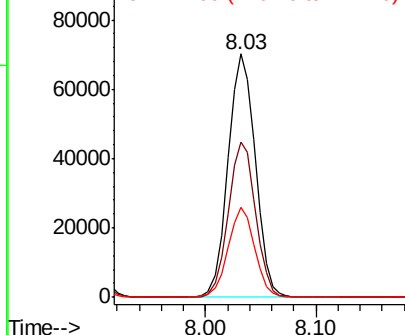


Abundance

Ion 146.00 (145.70 to 146.70): E

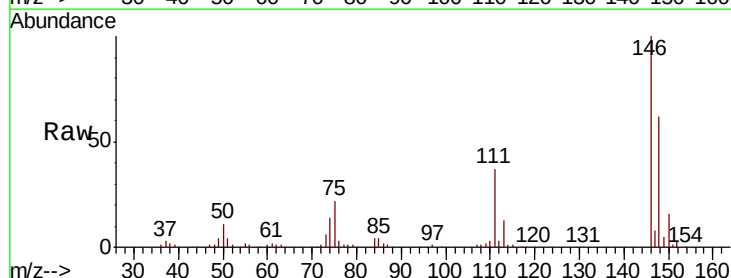
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 44.518 ng  
 RT: 8.35 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 51.8  | 77.6  |
| 111     | 37.4  | 30.9  | 46.3  |

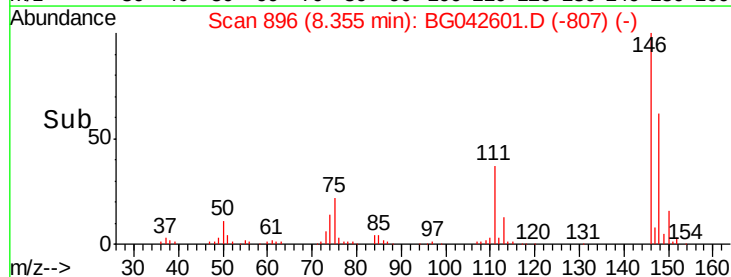
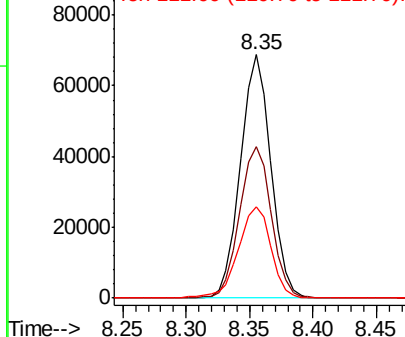


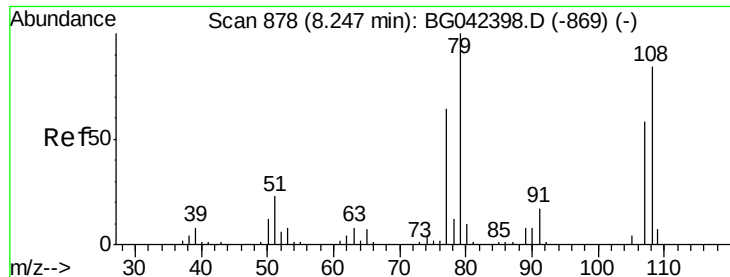
Abundance

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: 48.480 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

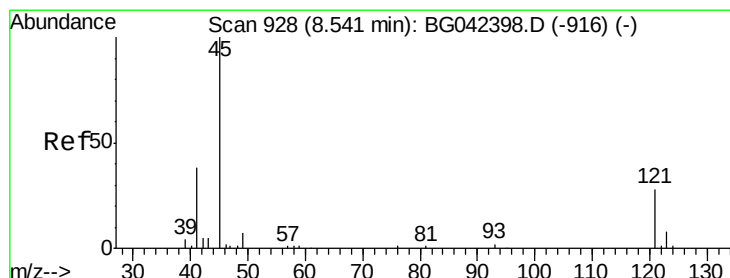
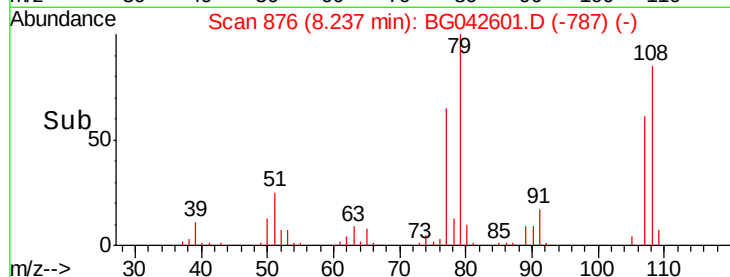
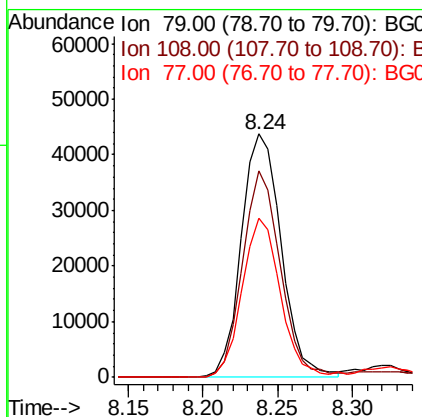
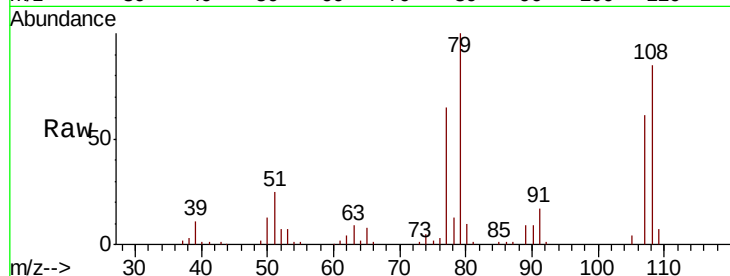
ClientSampleId :

S704-N-2.0-2.5-082119MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 81088 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 84.7  | 67.4  | 101.2 |
| 77       | 65.3  | 50.8  | 76.2  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.586 ng

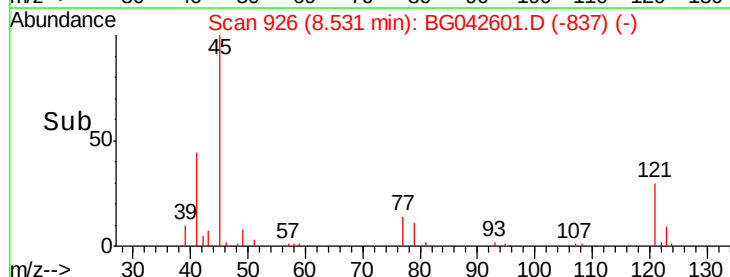
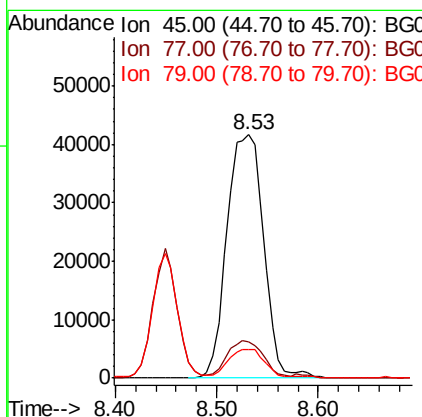
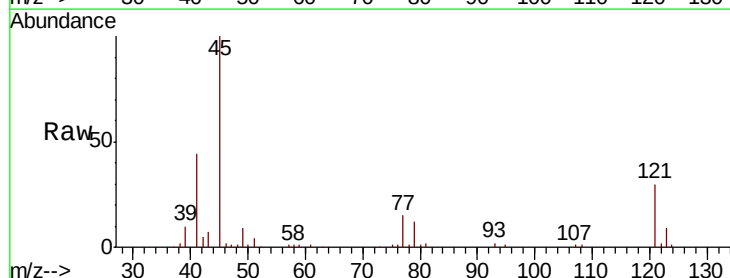
RT: 8.53 min Scan# 926

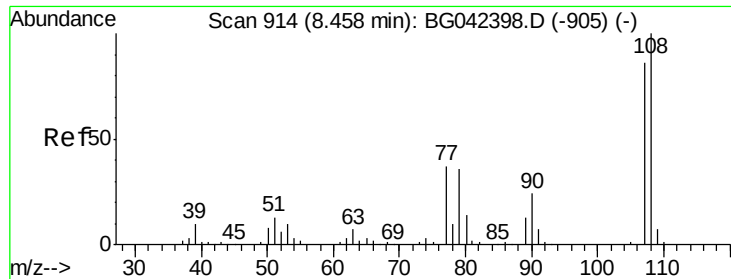
Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 104638 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 14.9  | 0.0   | 35.6   |
| 79       | 11.8  | 0.0   | 31.6   |





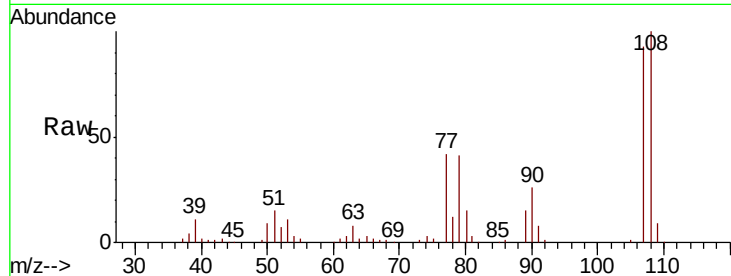
#17  
2-Methylphenol  
Concen: 48.769 ng  
RT: 8.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

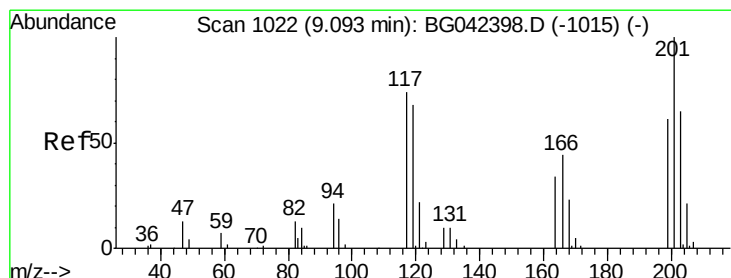
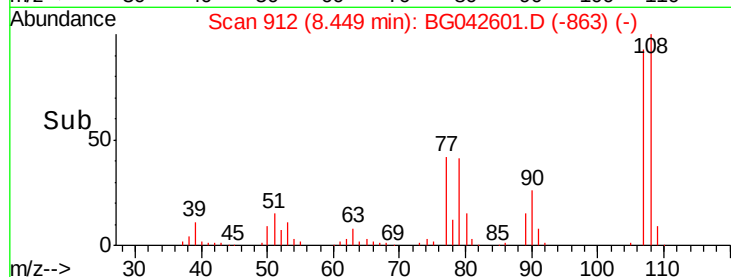
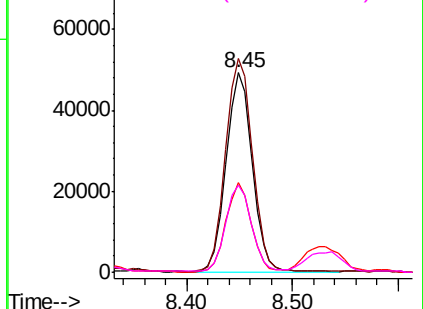
| Tot Ion | 107   | Resp  | 84910 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 107     | 100   |       |       |
| 108     | 107.1 | 92.9  | 139.3 |
| 77      | 45.2  | 34.4  | 51.6  |
| 79      | 43.4  | 33.8  | 50.6  |

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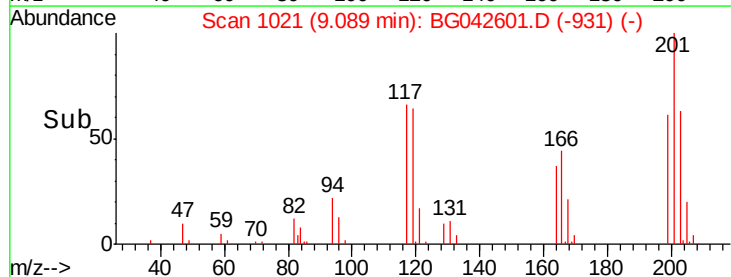
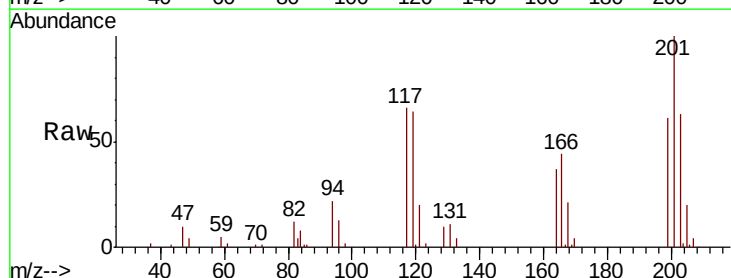
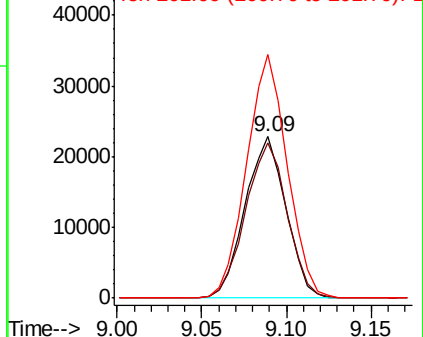
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

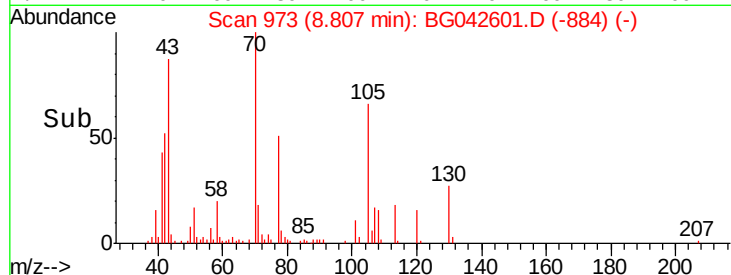
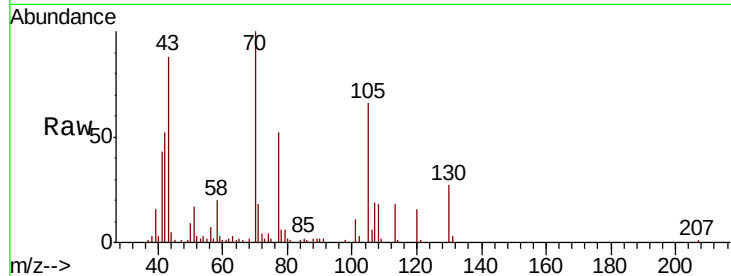
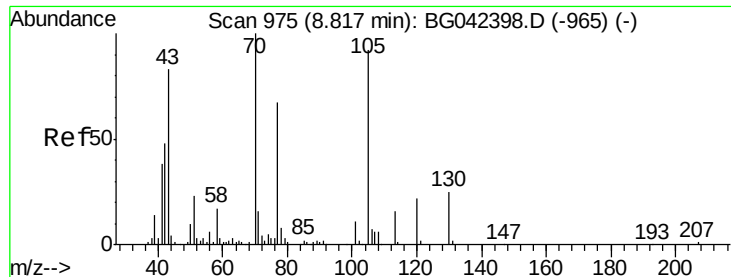


#18  
Hexachloroethane  
Concen: 41.777 ng  
RT: 9.09 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | 117   | Resp  | 38441 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 117     | 100   |       |       |
| 119     | 96.2  | 73.8  | 110.8 |
| 201     | 151.1 | 108.3 | 162.5 |

Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





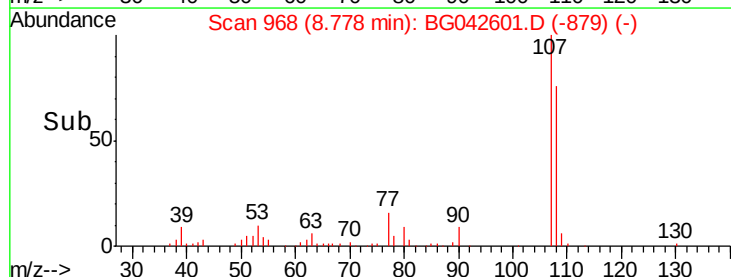
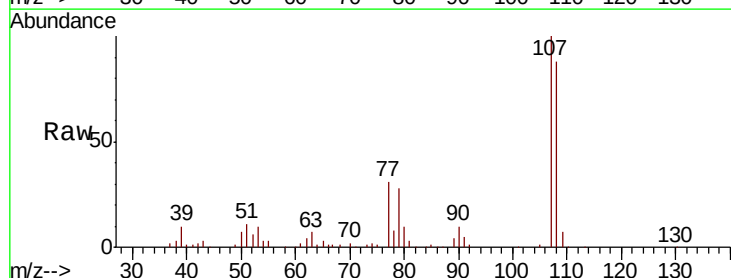
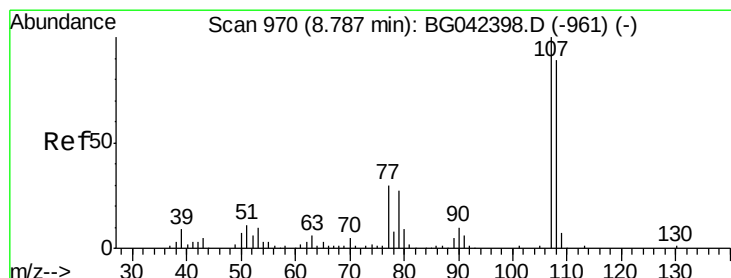
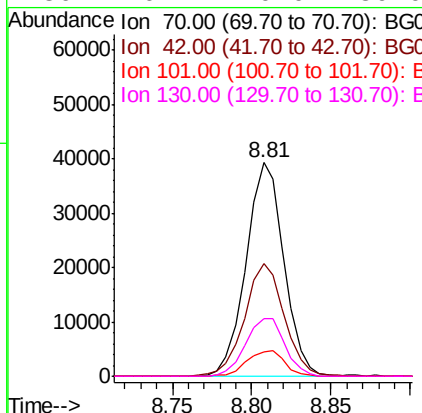
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.083 ng  
RT: 8.81 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 52.5 | 38.8  | 58.2  |       |
| 101     | 11.4 | 9.0   | 13.6  |       |
| 130     | 26.7 | 20.0  | 30.0  |       |

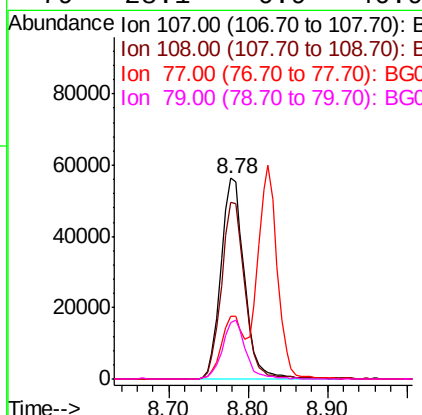
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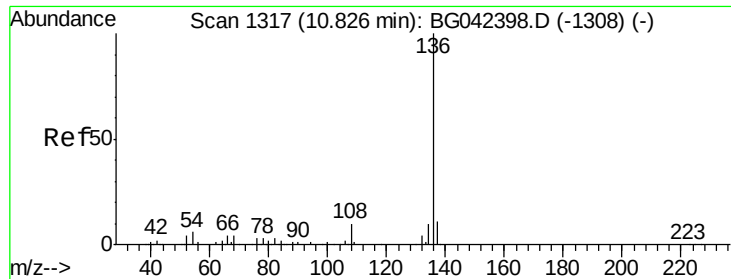
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#20  
3+4-Methylphenols  
Concen: 47.905 ng  
RT: 8.78 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.0 | 68.7  | 108.7 |       |
| 77      | 31.2 | 10.2  | 50.2  |       |
| 79      | 28.1 | 6.9   | 46.9  |       |





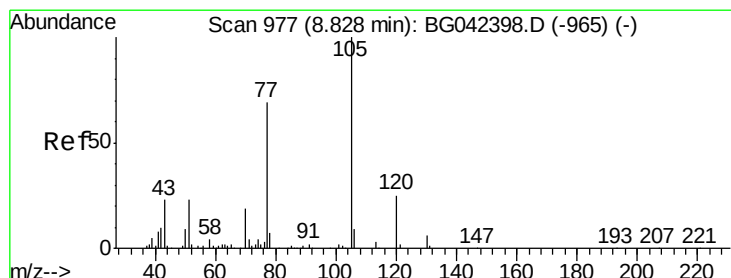
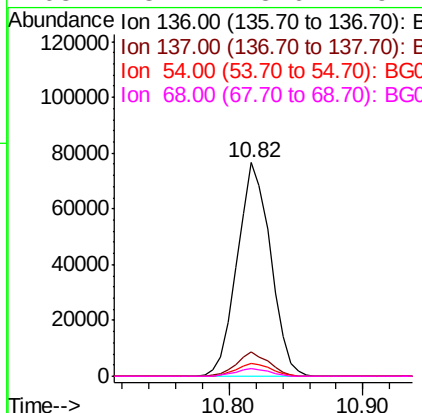
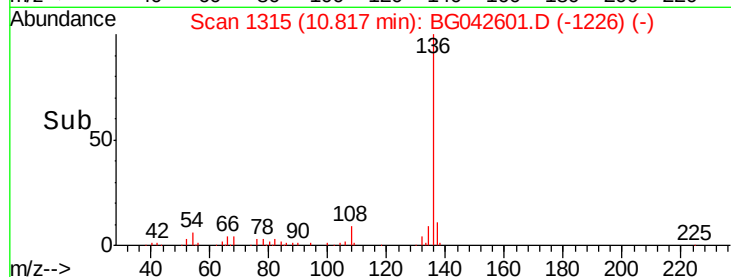
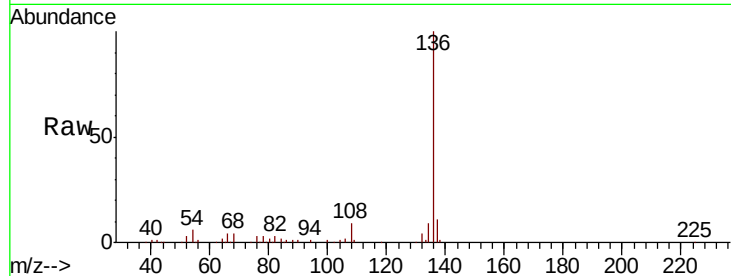
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 132474 |       |       |
| 137     | 11.1  | 8.7    | 13.1  |       |
| 54      | 6.3   | 4.9    | 7.3   |       |
| 68      | 3.7   | 3.6    | 5.4   |       |

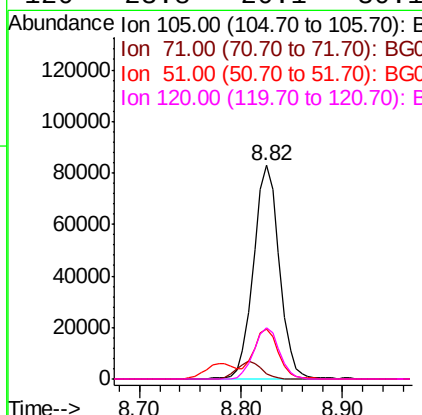
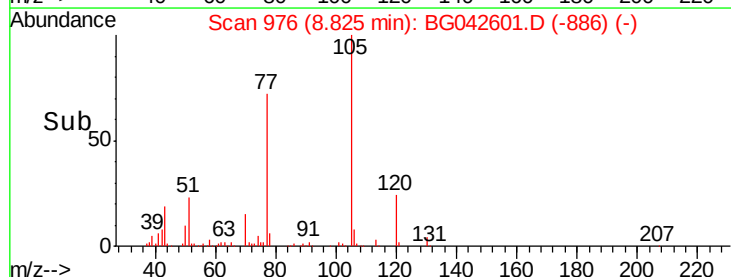
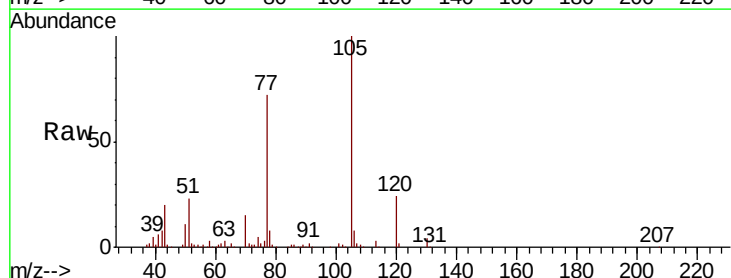
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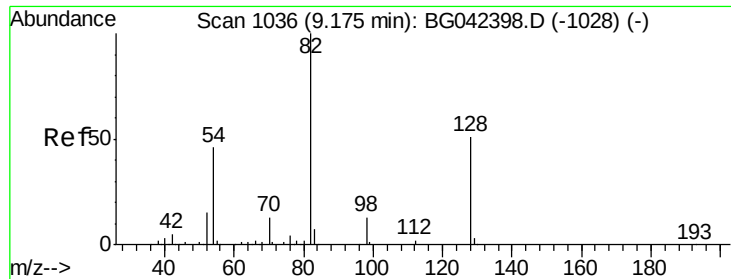
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#22  
Acetophenone  
Concen: 51.832 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 146859 |       |       |
| 71      | 2.5   | 2.8    | 4.2#  |       |
| 51      | 23.1  | 18.7   | 28.1  |       |
| 120     | 23.8  | 20.1   | 30.1  |       |





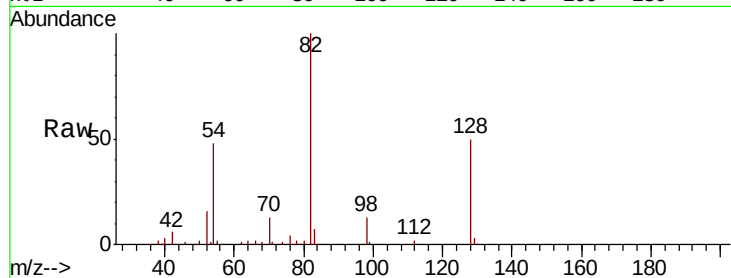
#23  
 Nitrobenzene-d5  
 Concen: 98.369 ng  
 RT: 9.17 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 50.3  | 40.7  | 61.1  |
| 54      | 47.8  | 36.3  | 54.5  |

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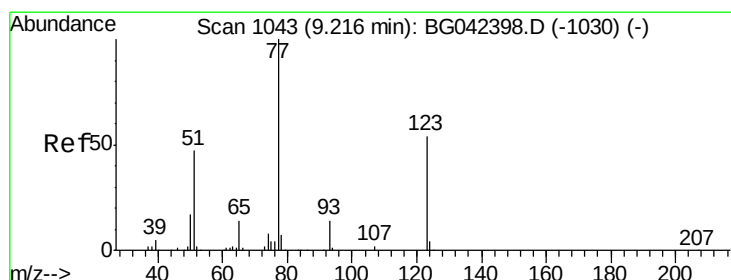
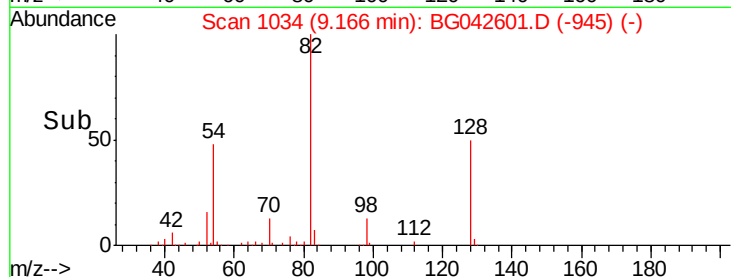
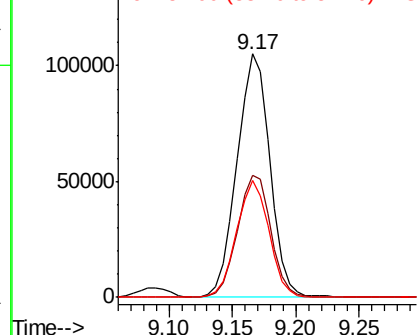


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24  
 Nitrobenzene  
 Concen: 50.540 ng  
 RT: 9.21 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

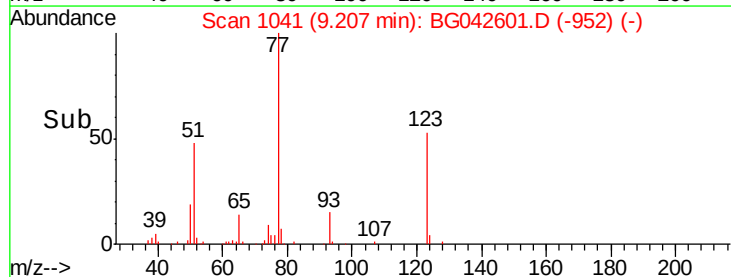
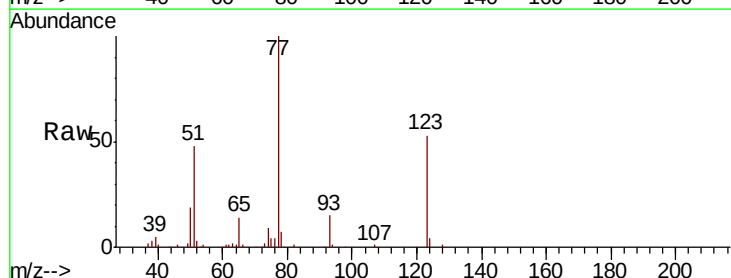
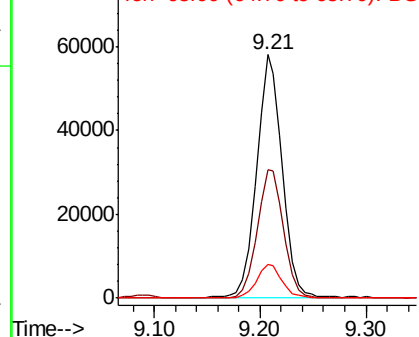
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 52.8  | 43.4  | 65.0  |
| 65      | 14.0  | 11.0  | 16.6  |

Abundance

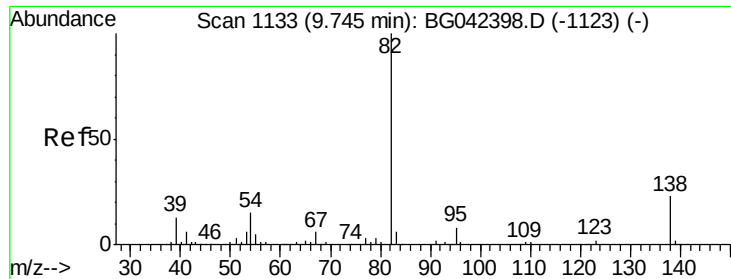
Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC







#25

Isophorone

Concen: 48.840 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

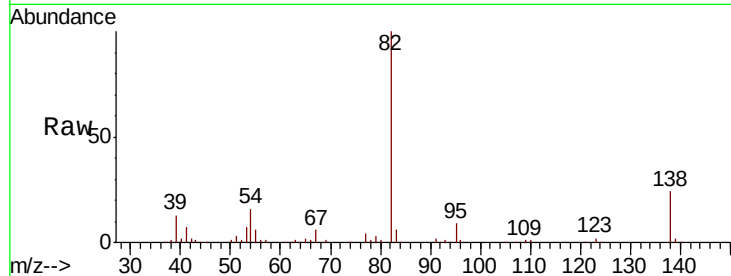
ClientSampleId :

S704-N-2.0-2.5-082119MS

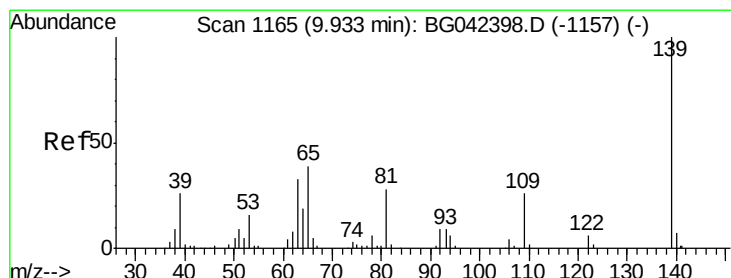
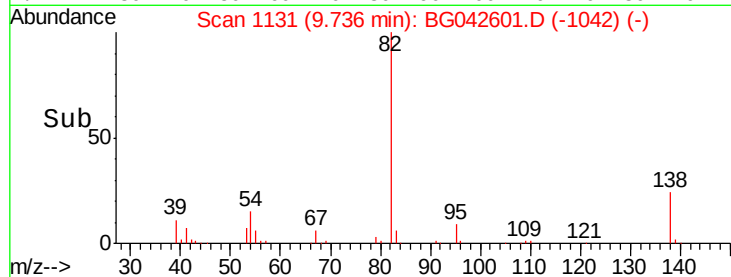
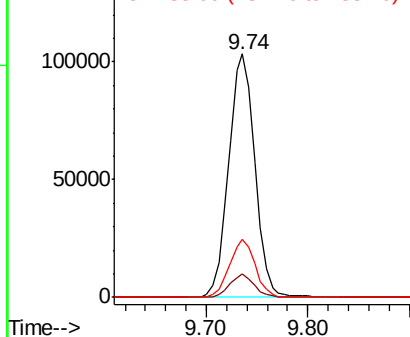
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 184778 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 9.4   | 6.6   | 9.8    |
| 138       | 23.8  | 18.6  | 27.8   |

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Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 53.166 ng

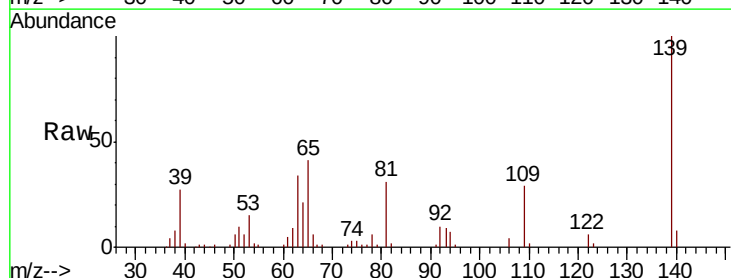
RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

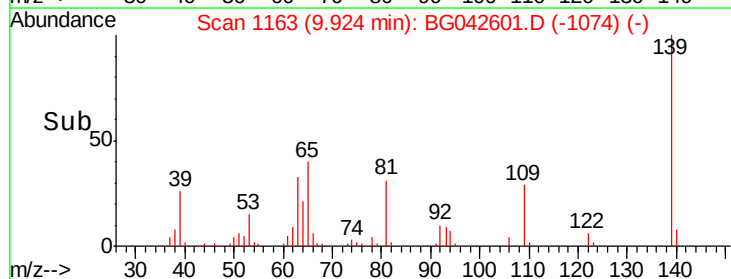
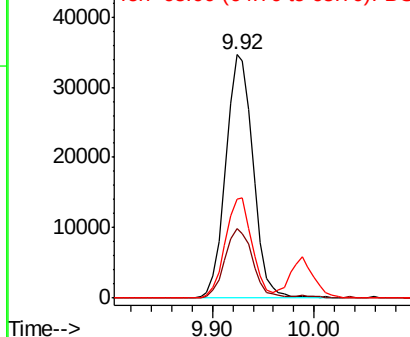
Lab File: BG042601.D

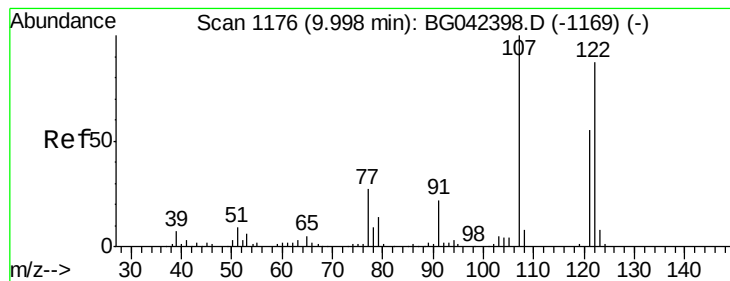
Acq: 30 Aug 2019 15:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 64678 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 28.6  | 20.5  | 30.7  |
| 65        | 40.8  | 30.9  | 46.3  |



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 59.583 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

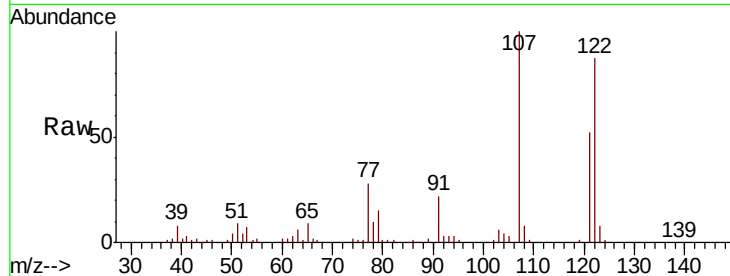
ClientSampleId :

S704-N-2.0-2.5-082119MS

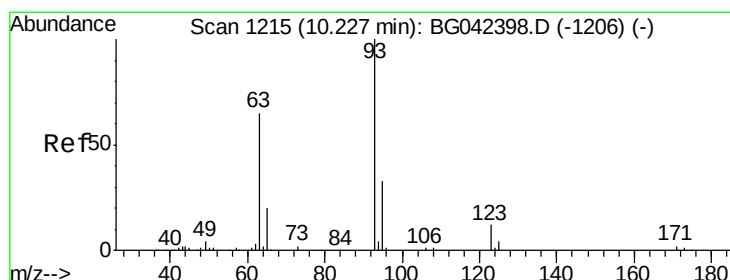
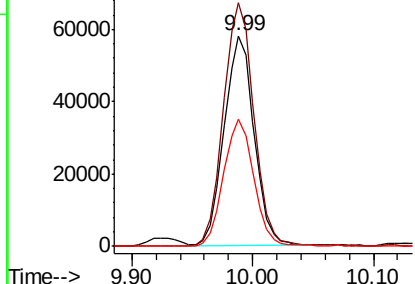
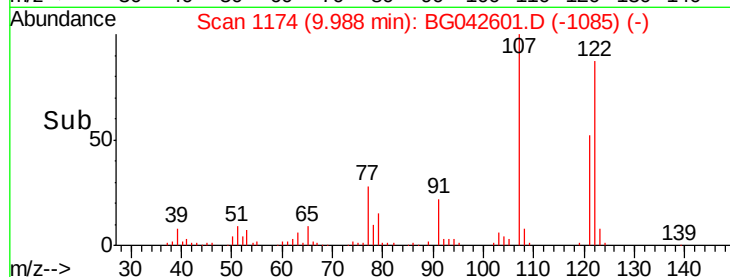
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 122   | Resp: | 99847 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 115.6 | 90.8  | 136.2 |
| 121      | 60.4  | 49.6  | 74.4  |

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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: 48.166 ng

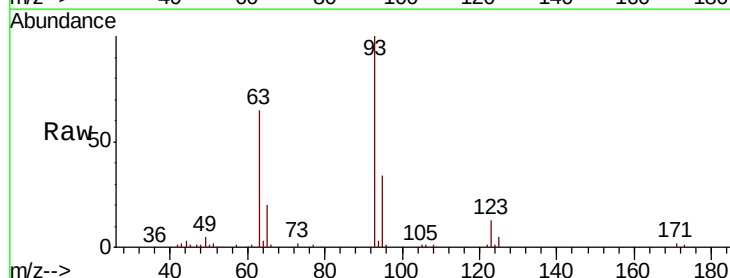
RT: 10.22 min Scan# 1213

Delta R.T. -0.01 min

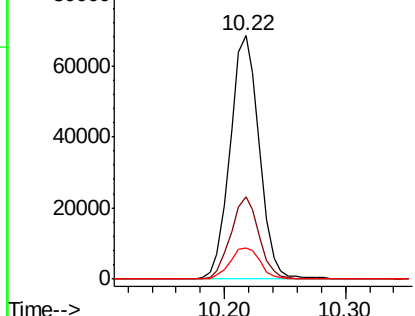
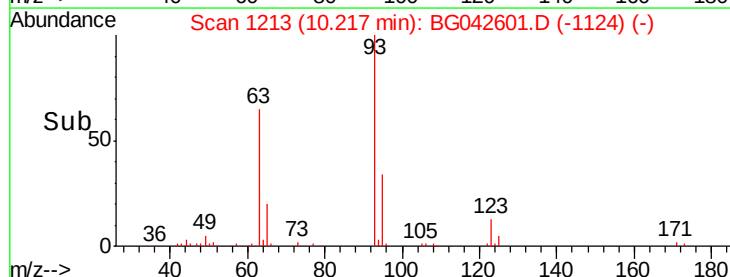
Lab File: BG042601.D

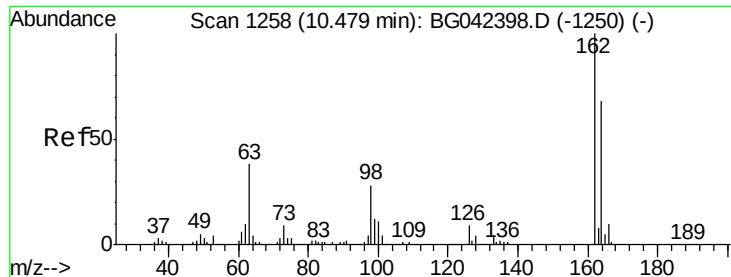
Acq: 30 Aug 2019 15:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 114854 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 34.1  | 26.6  | 40.0   |
| 123      | 12.9  | 10.1  | 15.1   |



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





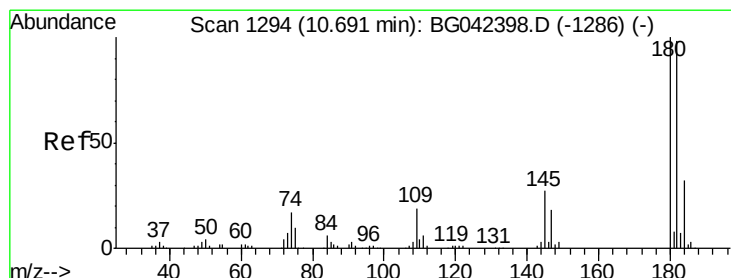
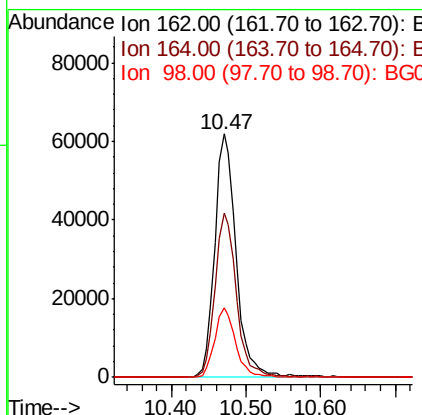
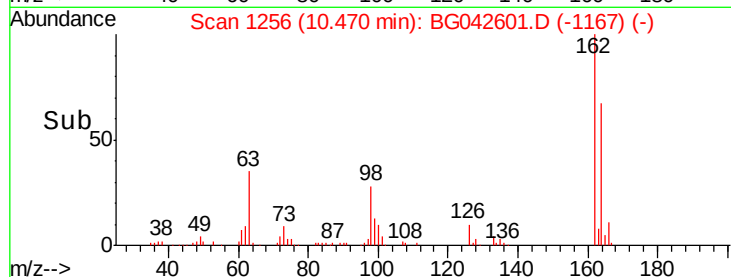
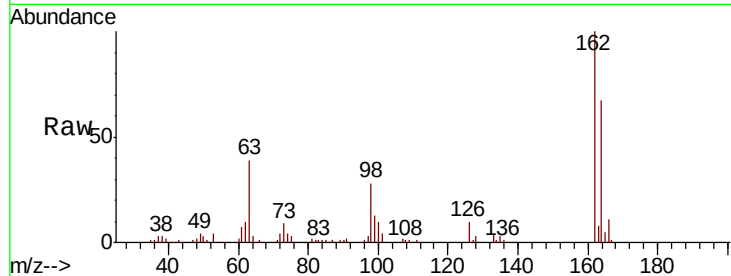
#29  
 2,4-Dichlorophenol  
 Concen: 56.179 ng  
 RT: 10.47 min Scan# 1256  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 123172 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 67.4  | 48.1  | 88.1   |
| 98        | 28.4  | 7.6   | 47.6   |

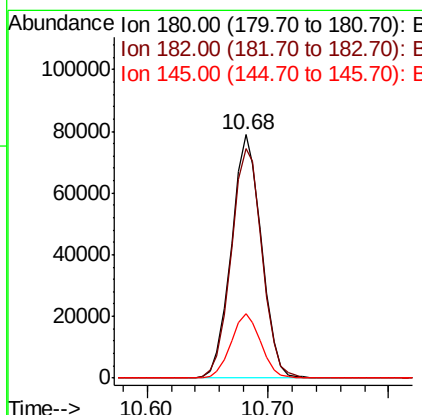
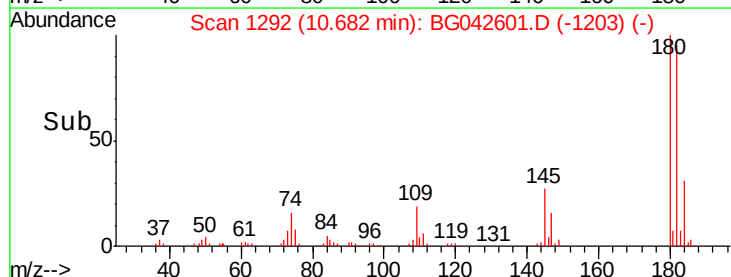
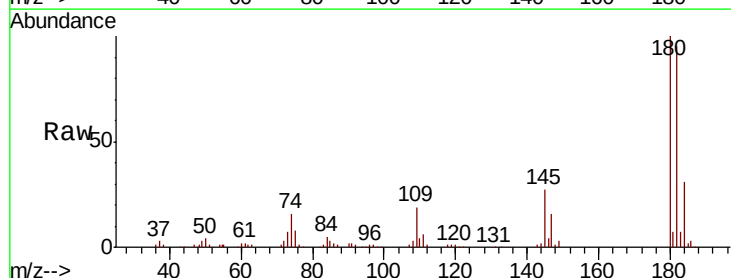
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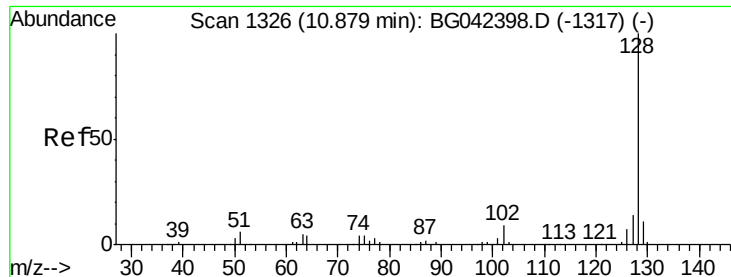
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 50.694 ng  
 RT: 10.68 min Scan# 1292  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 136424 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 78.7  | 118.1  |
| 145       | 26.6  | 21.6  | 32.4   |





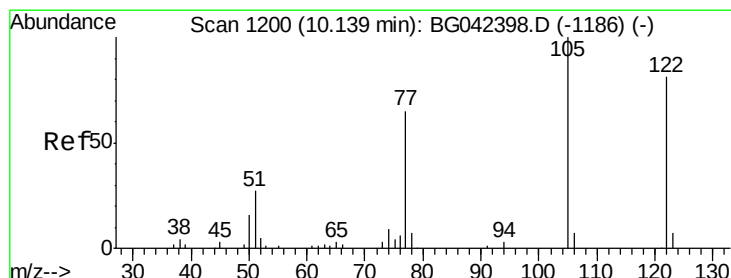
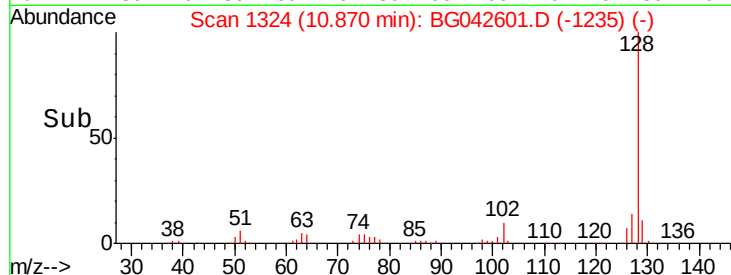
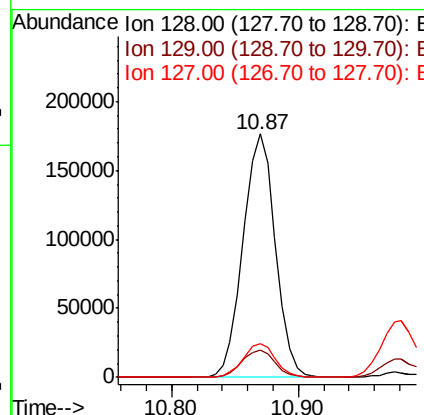
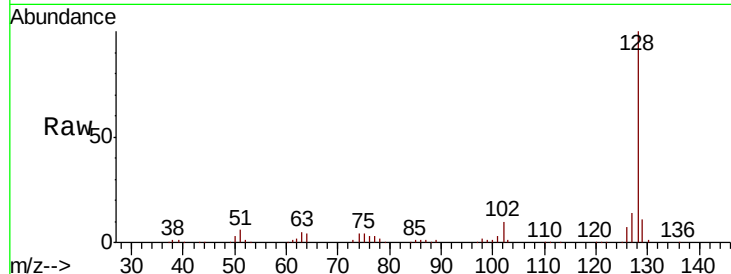
#31  
Naphthalene  
Concen: 50.728 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.8   | 13.2  |
| 127     | 14.0  | 11.4  | 17.0  |

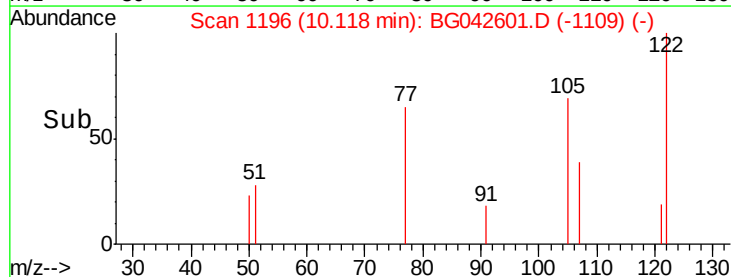
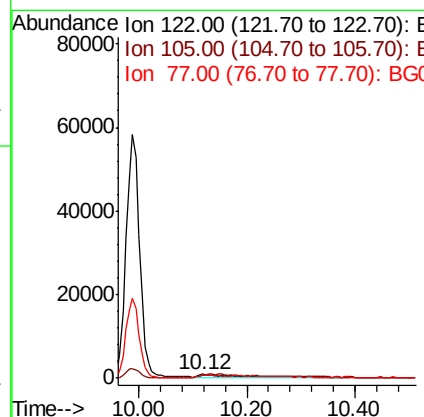
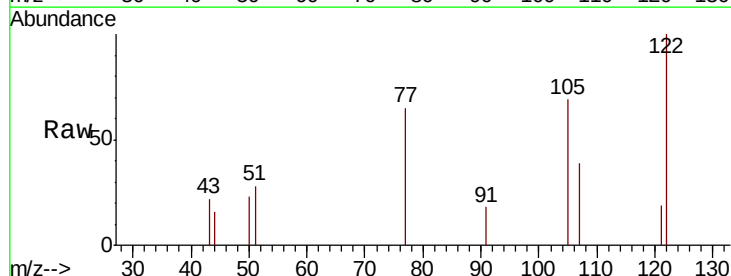
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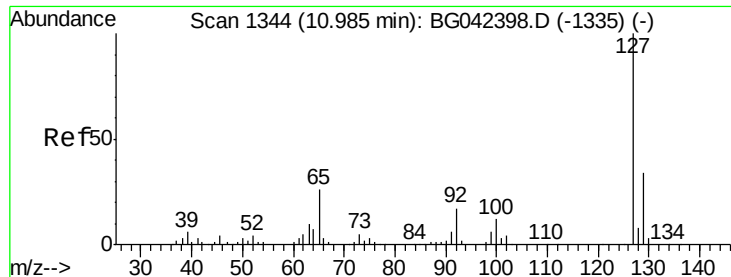
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#32  
Benzoic acid  
Concen: 13.205 ng m  
RT: 10.12 min Scan# 1196  
Delta R.T. -0.02 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 69.2  | 99.6  | 139.6# |
| 77      | 65.3  | 59.5  | 99.5   |





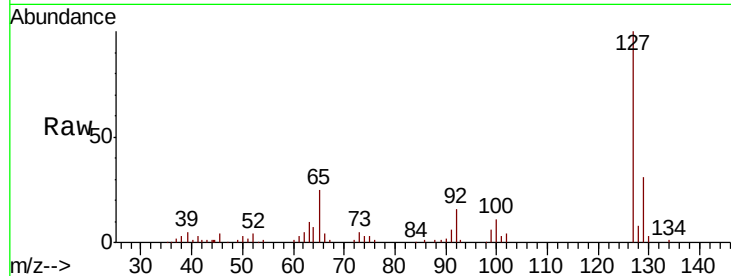
#33  
4-Chloroaniline  
Concen: 29.945 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.5  | 26.8  | 40.2  |
| 65      | 25.4  | 20.7  | 31.1  |
| 92      | 16.1  | 13.6  | 20.4  |

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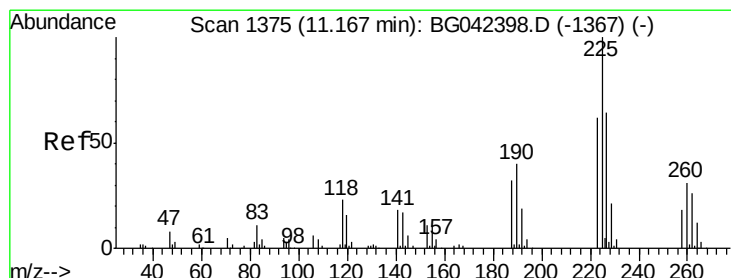
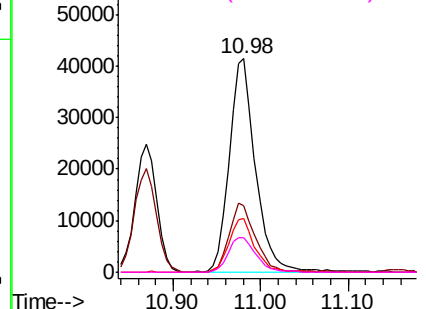
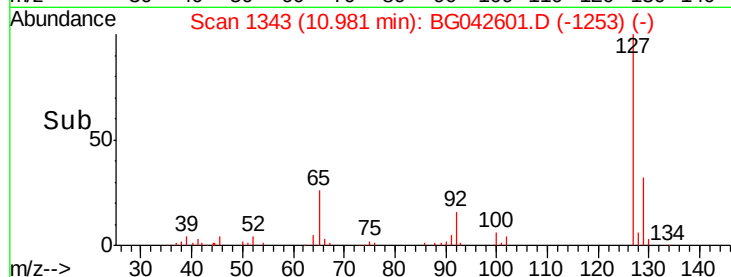
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

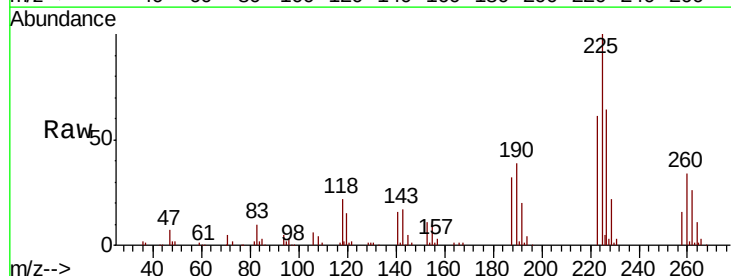
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 49.487 ng  
RT: 11.16 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.1  | 49.8  | 74.6  |
| 227     | 63.6  | 50.9  | 76.3  |

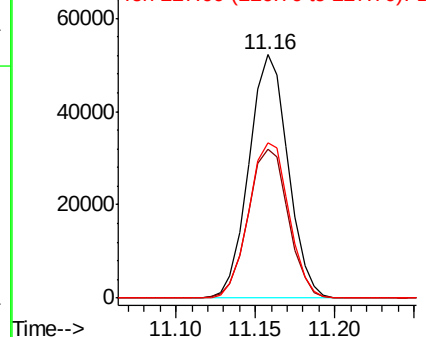
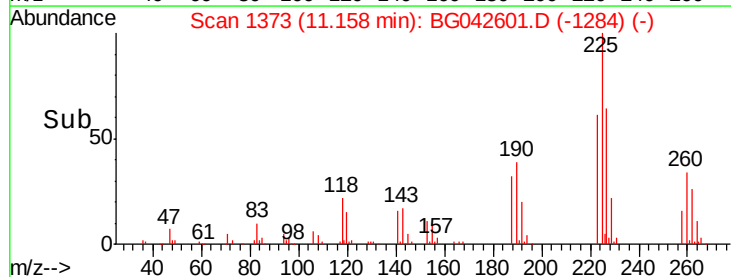


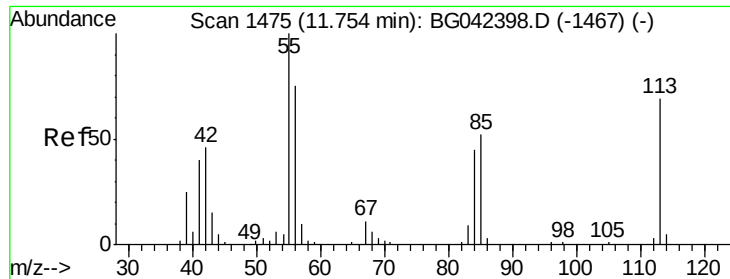
Abundance

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





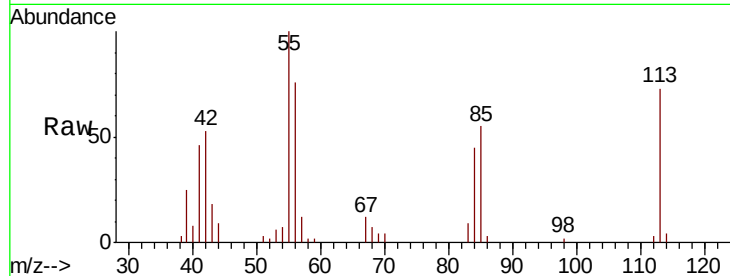
#35  
 Caprolactam  
 Concen: 48.779 ng/ml  
 RT: 11.76 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 137.1 | 124.6 | 164.6 |
| 56      | 104.9 | 88.3  | 128.3 |

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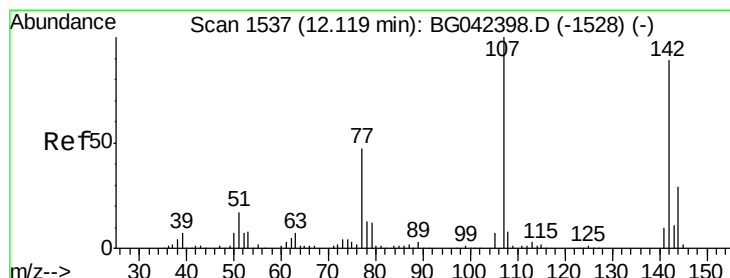
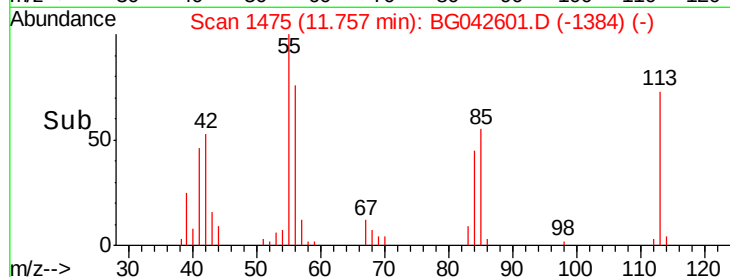
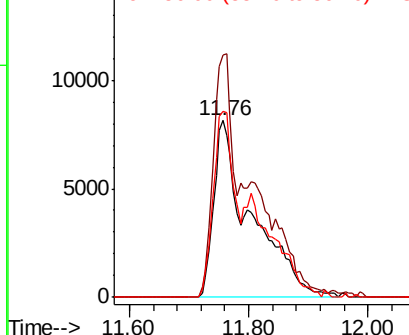


Abundance

Ion 113.00 (112.70 to 113.70): E

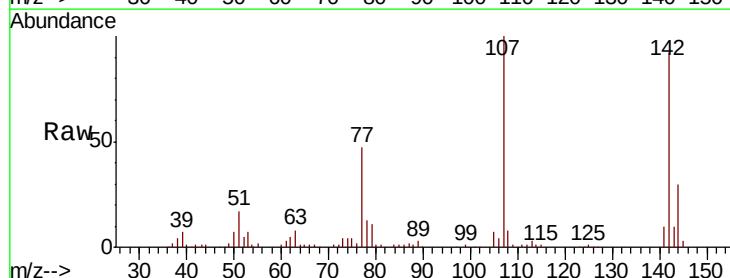
Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36  
 4-Chloro-3-methylphenol  
 Concen: 53.256 ng  
 RT: 12.12 min Scan# 1536  
 Delta R.T. -0.00 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 29.7  | 23.6  | 35.4  |
| 142     | 91.8  | 71.0  | 106.4 |

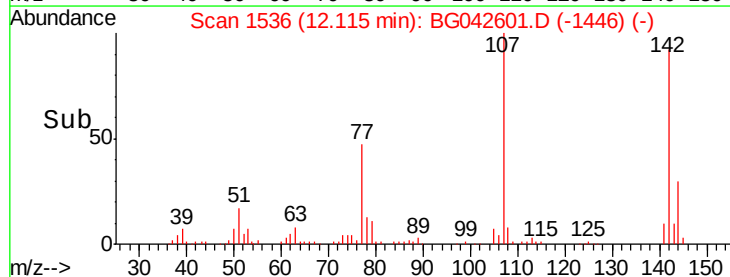
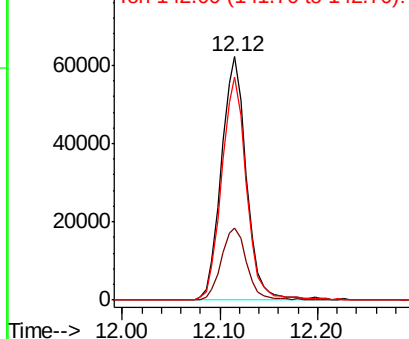


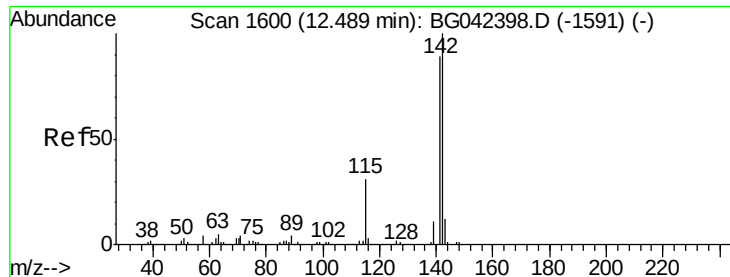
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





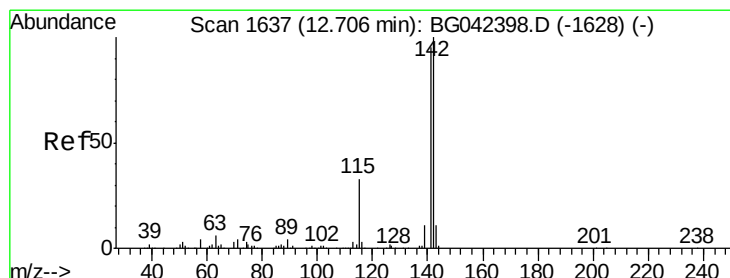
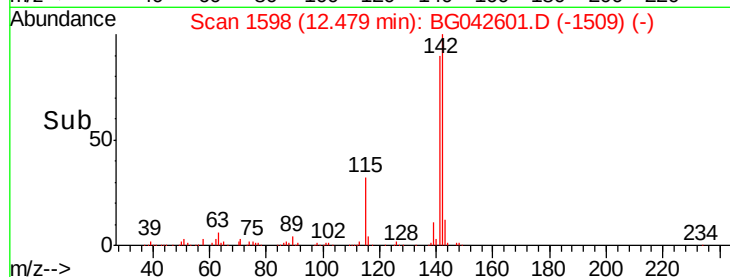
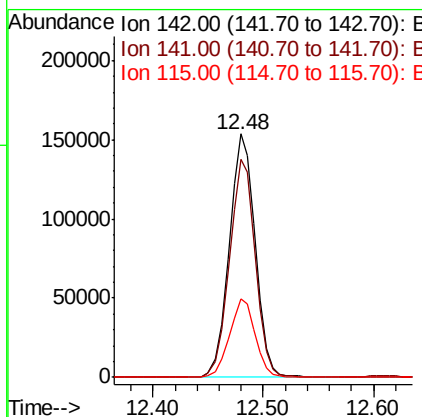
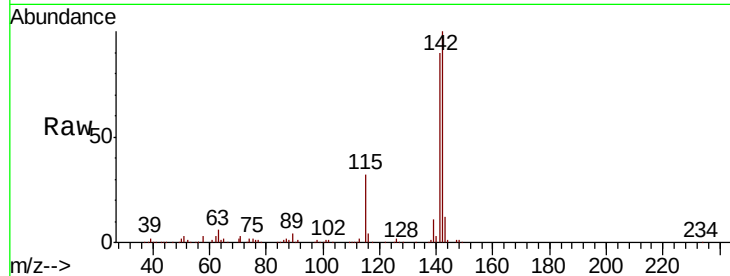
#37  
2-Methylnaphthalene  
Concen: 51.145 ng  
RT: 12.48 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 71.4  | 107.2 |
| 115     | 32.0  | 25.2  | 37.8  |

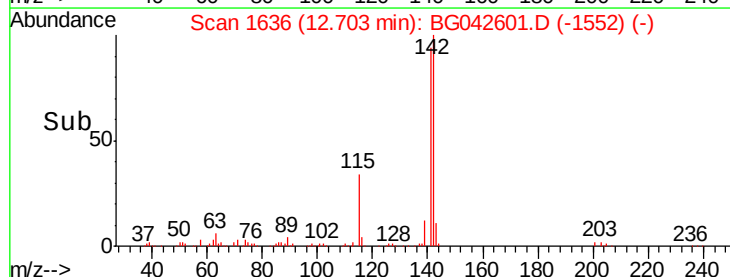
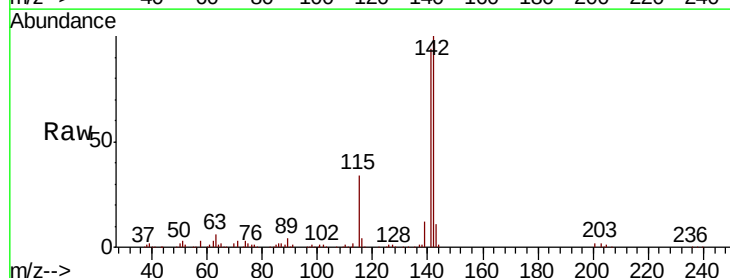
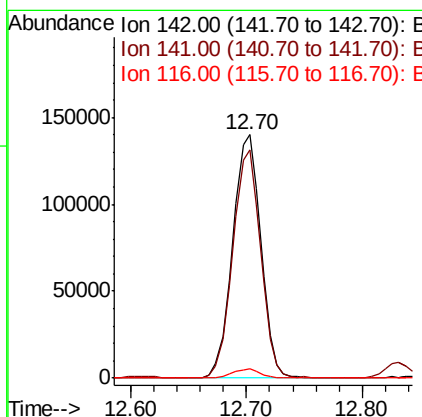
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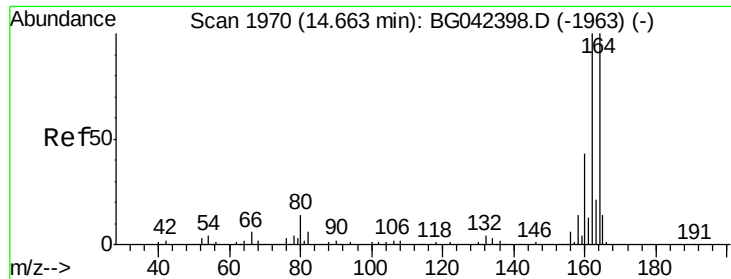
mohammad  
8/31/2019 2:42:43 PM



#38  
1-Methylnaphthalene  
Concen: 50.428 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.7  | 76.2  | 114.2 |
| 116     | 3.7   | 2.8   | 4.2   |





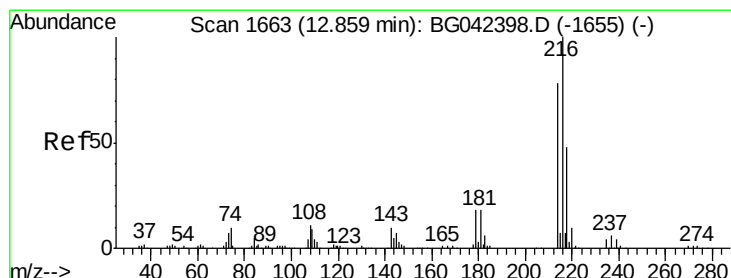
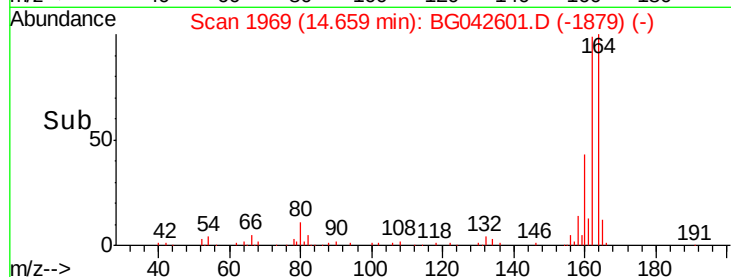
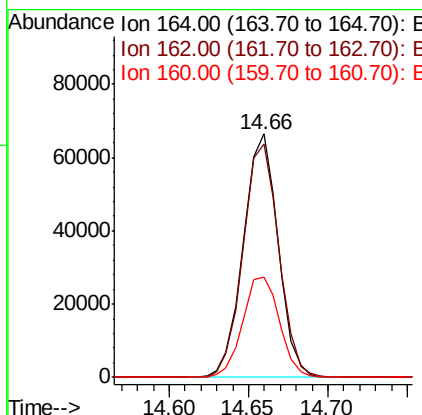
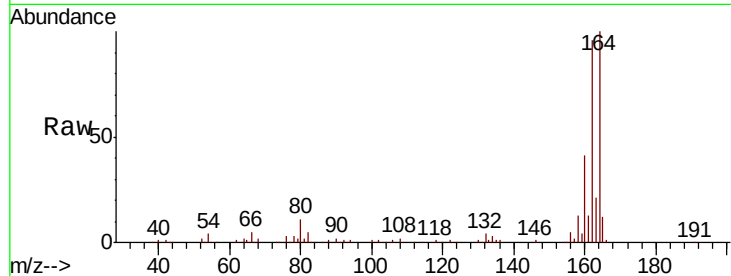
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1969  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 95.7  | 79.9  | 119.9 |
| 160     | 41.3  | 34.3  | 51.5  |

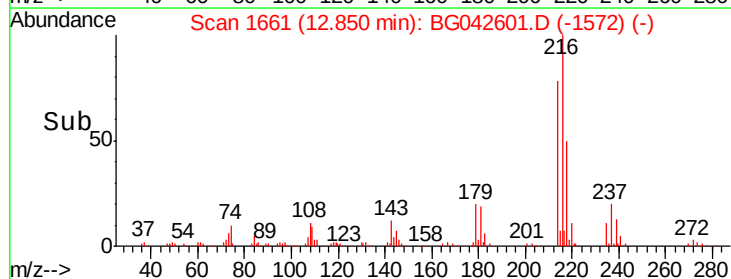
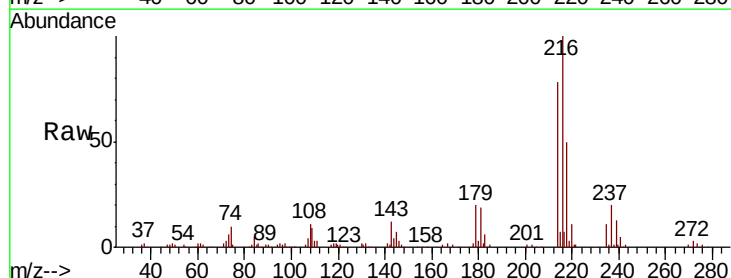
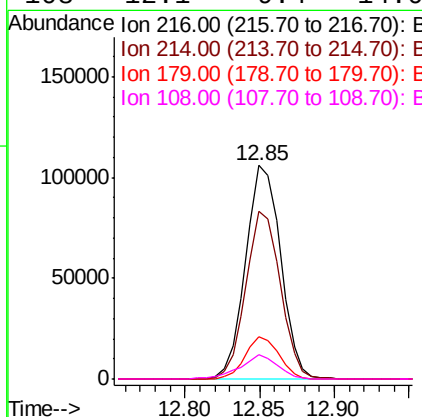
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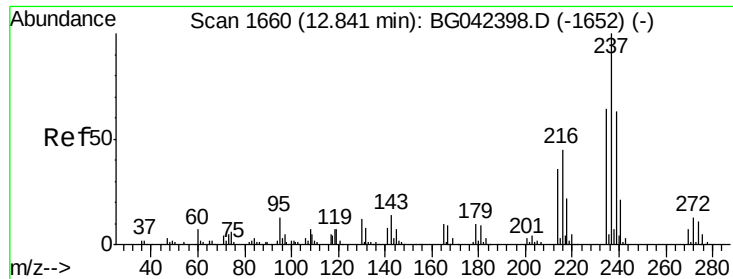


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.872 ng  
RT: 12.85 min Scan# 1661  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.5  | 61.4  | 92.2  |
| 179     | 19.0  | 15.1  | 22.7  |
| 108     | 12.1  | 9.4   | 14.0  |







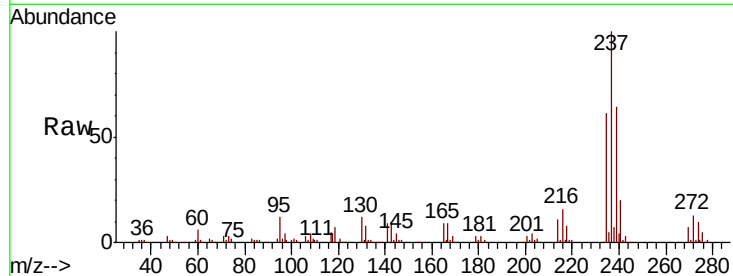
#41  
Hexachlorocyclopentadiene  
Concen: 93.194 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

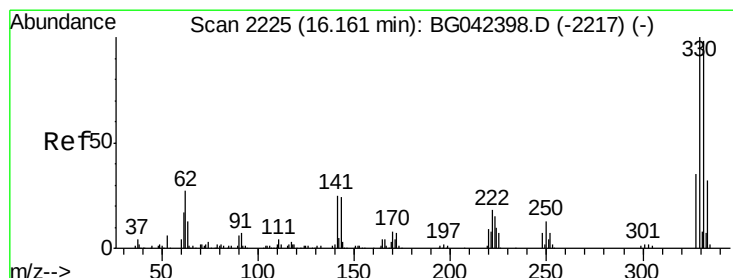
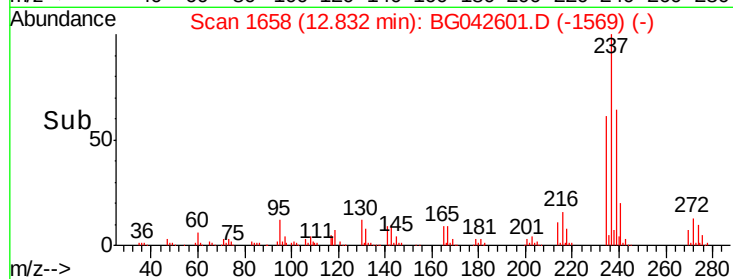
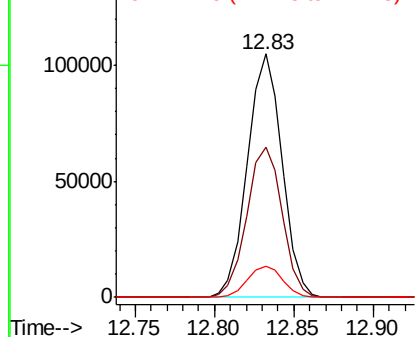
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 159457 |       |       |
| 235     | 61.5  | 43.7   | 83.7  |       |
| 272     | 12.6  | 0.0    | 33.3  |       |

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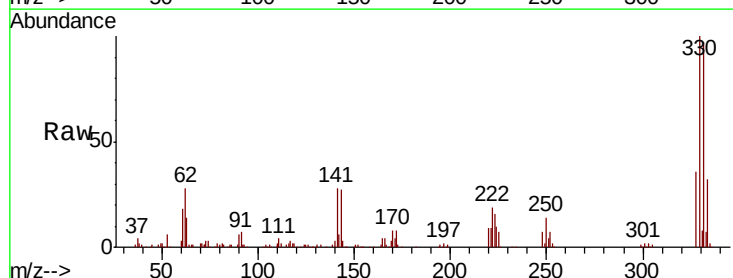


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

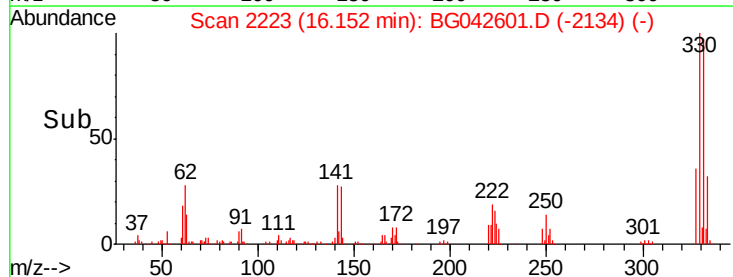
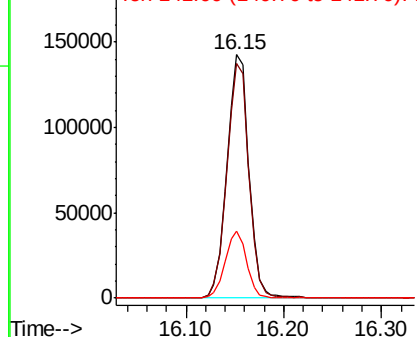


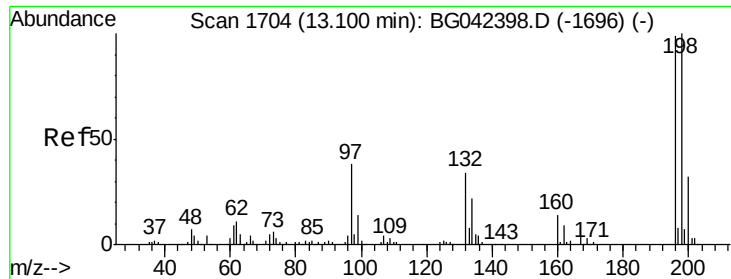
#42  
2,4,6-Tribromophenol  
Concen: 153.930 ng  
RT: 16.15 min Scan# 2223  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 221917 |       |       |
| 332     | 96.7  | 77.4   | 116.0 |       |
| 141     | 26.9  | 21.4   | 32.0  |       |



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





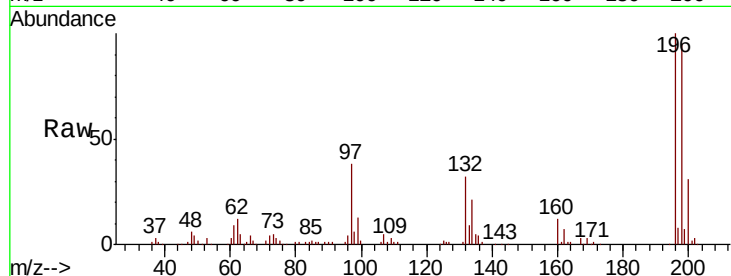
#43  
 2,4,6-Trichlorophenol  
 Concen: 52.219 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 114971 |       |       |
| 198     | 95.1  | 80.7   | 121.1 |       |
| 200     | 31.2  | 25.7   | 38.5  |       |

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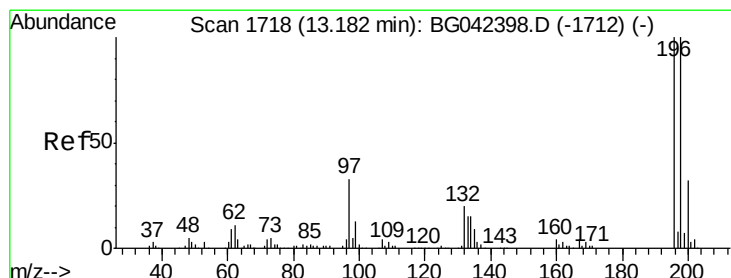
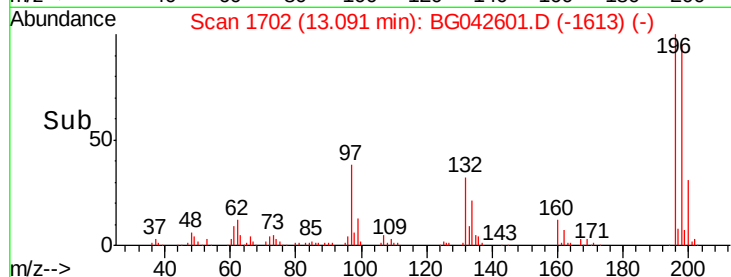
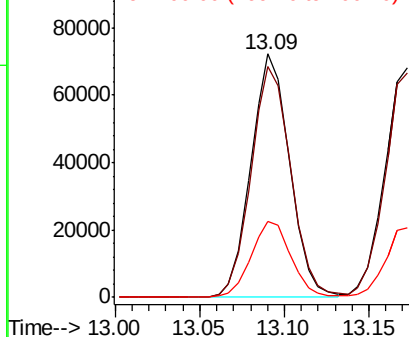


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 54.734 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 124883 |       |       |
| 198     | 98.0  | 80.2   | 120.4 |       |
| 97      | 31.5  | 26.3   | 39.5  |       |
| 132     | 21.1  | 16.6   | 24.8  |       |

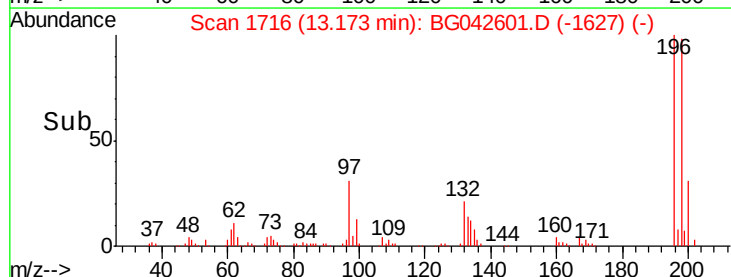
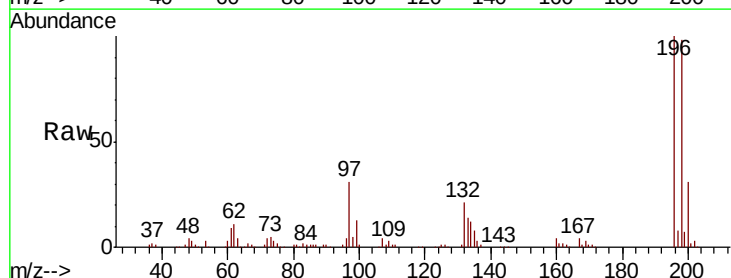
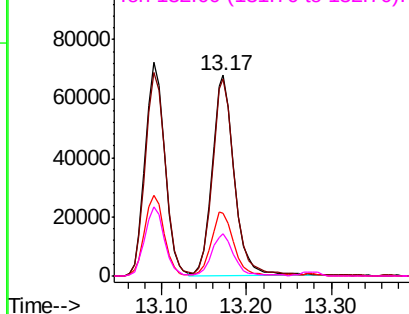
Abundance

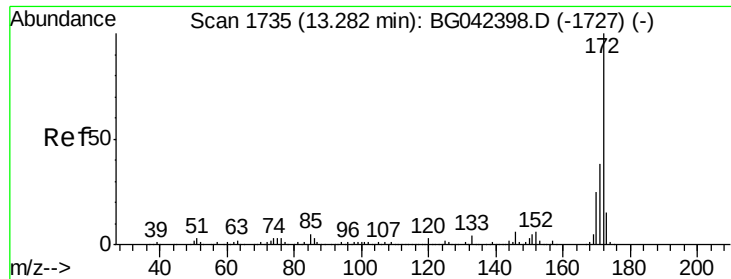
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





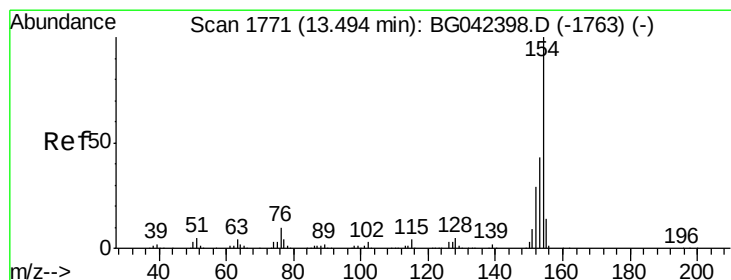
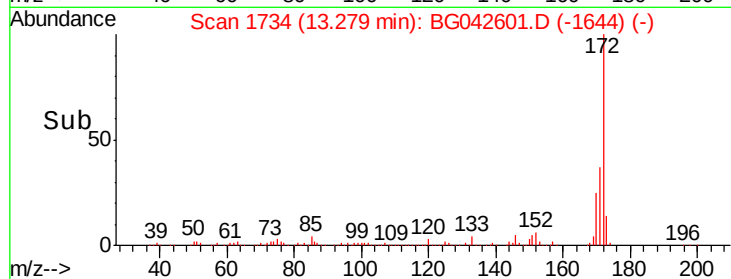
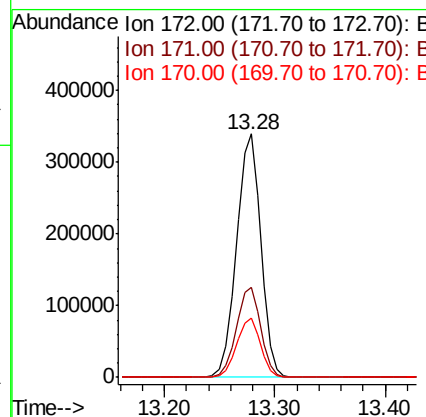
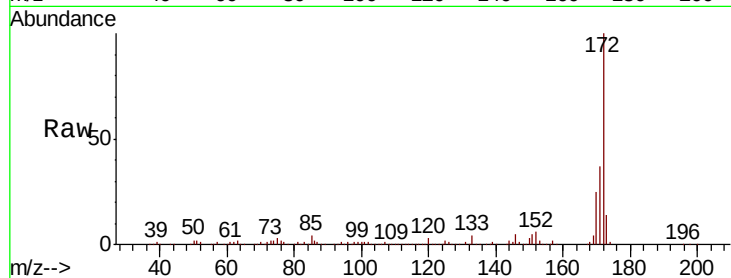
#45  
2-Fluorobiphenyl  
Concen: 87.358 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 30.5  | 45.7  |
| 170     | 24.6  | 20.2  | 30.2  |

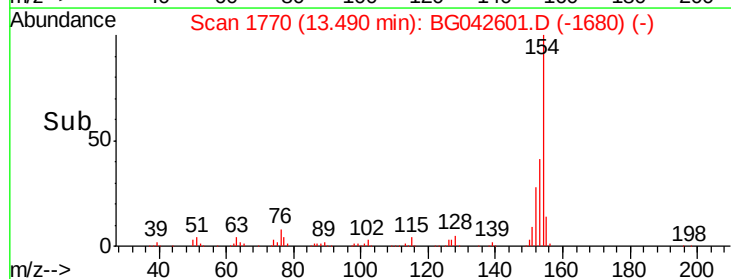
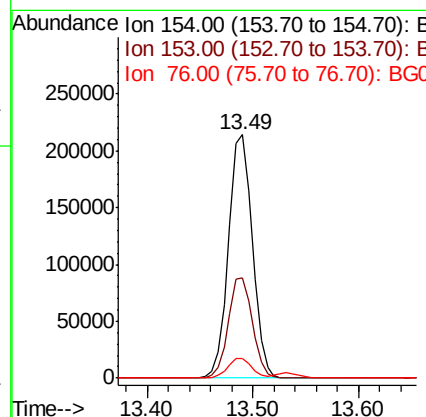
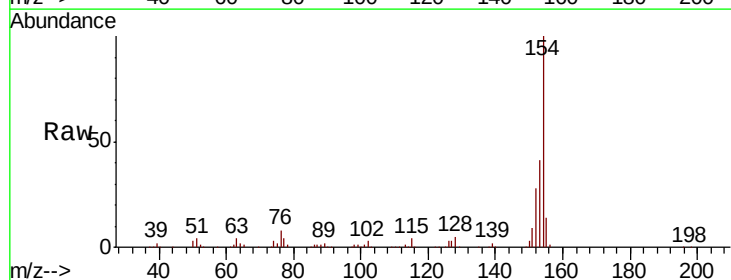
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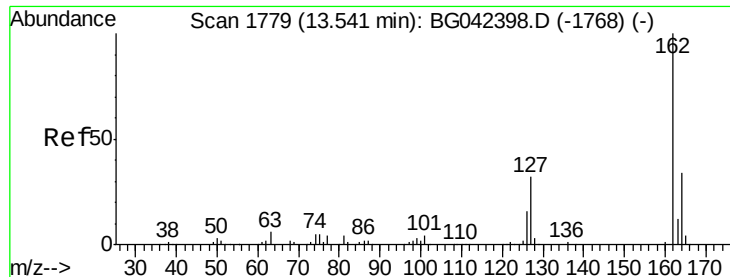
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#46  
1,1'-Biphenyl  
Concen: 51.104 ng  
RT: 13.49 min Scan# 1770  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 23.0  | 63.0  |
| 76      | 8.3   | 0.0   | 29.6  |





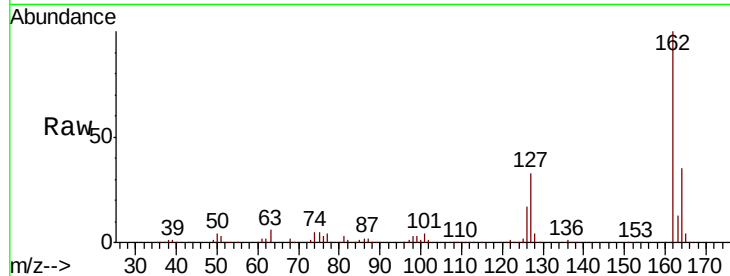
#47  
2-Chloronaphthalene  
Concen: 49.250 ng  
RT: 13.53 min Scan# 1777  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

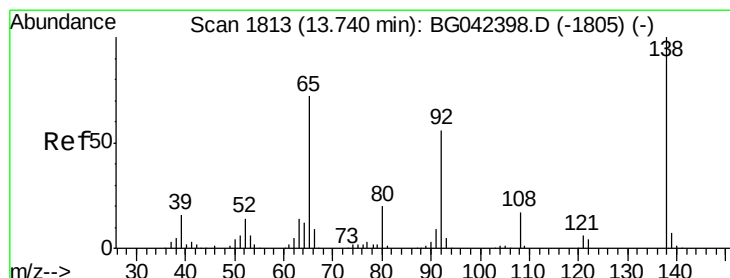
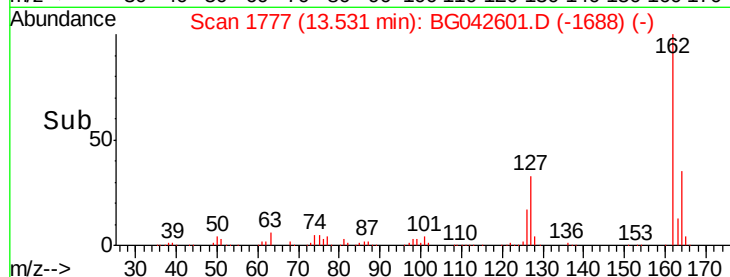
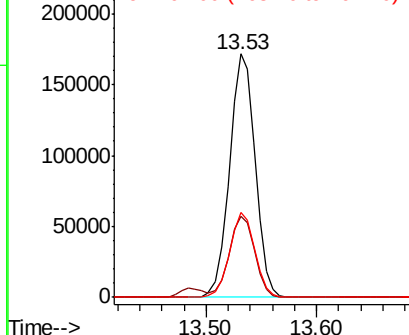
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 33.3  | 26.0  | 39.0  |
| 164     | 35.1  | 27.4  | 41.0  |

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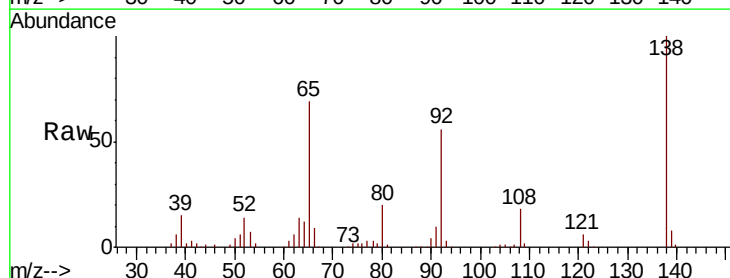


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

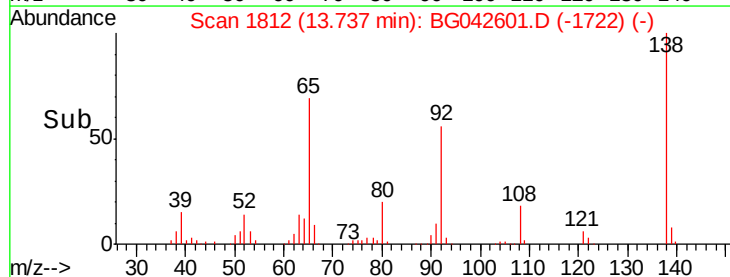
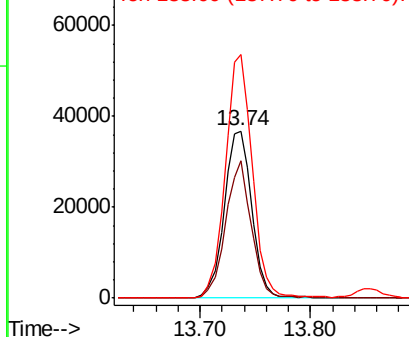


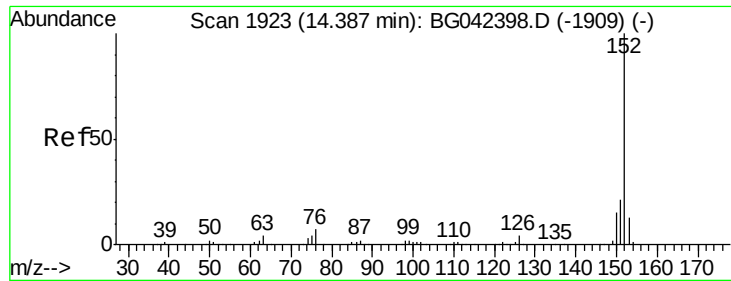
#48  
2-Nitroaniline  
Concen: 46.928 ng  
RT: 13.74 min Scan# 1812  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 81.8  | 61.8  | 92.6  |
| 138     | 145.6 | 111.0 | 166.6 |



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: 51.102 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

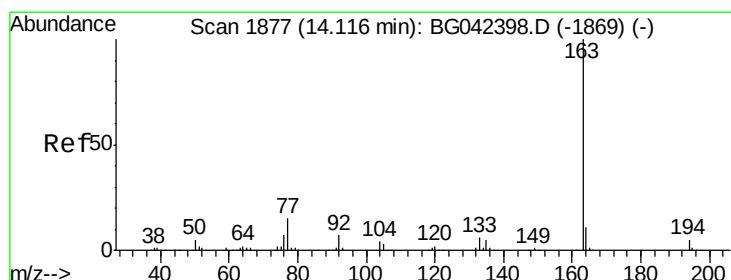
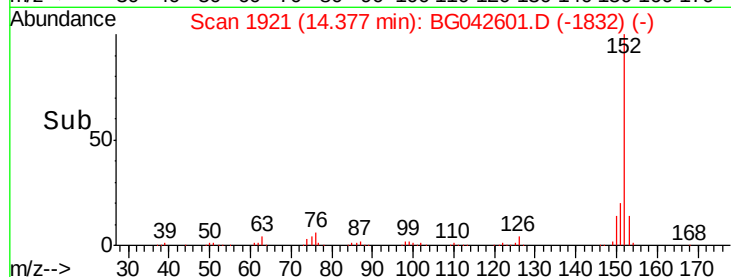
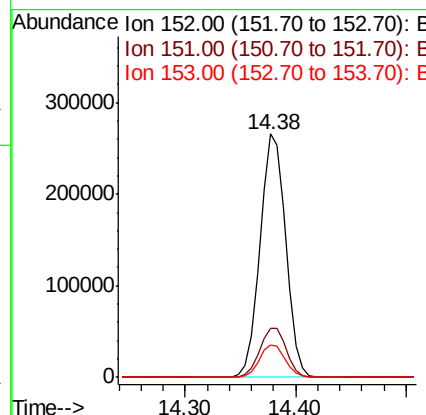
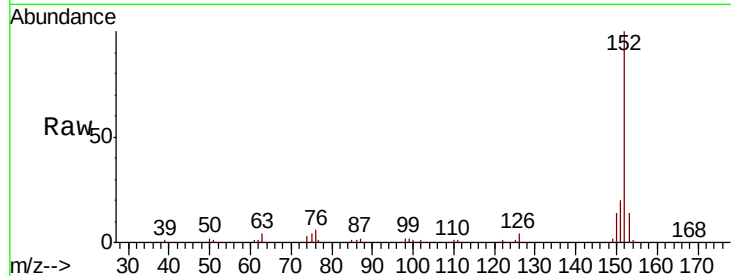
ClientSampleId :

S704-N-2.0-2.5-082119MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 434647 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.0  | 17.0  | 25.4   |
| 153       | 13.5  | 10.6  | 16.0   |

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#50

Dimethylphthalate

Concen: 57.521 ng

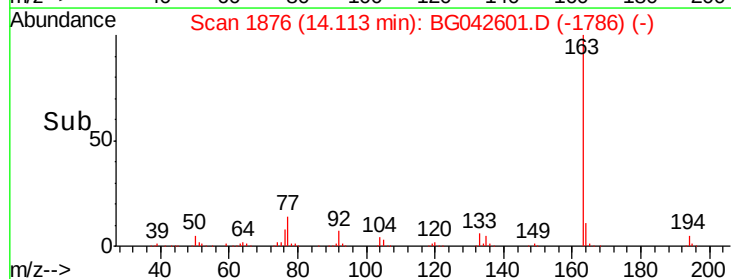
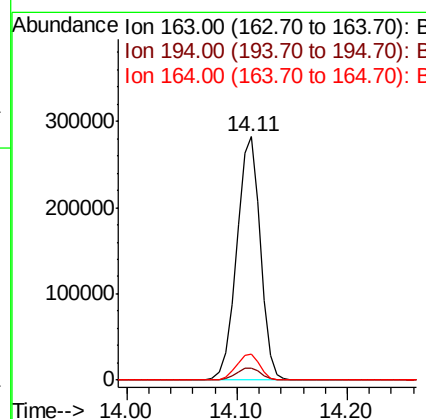
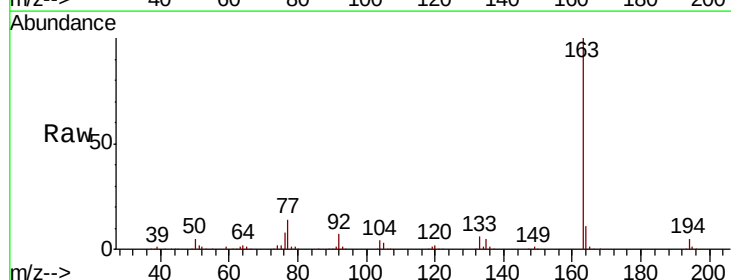
RT: 14.11 min Scan# 1876

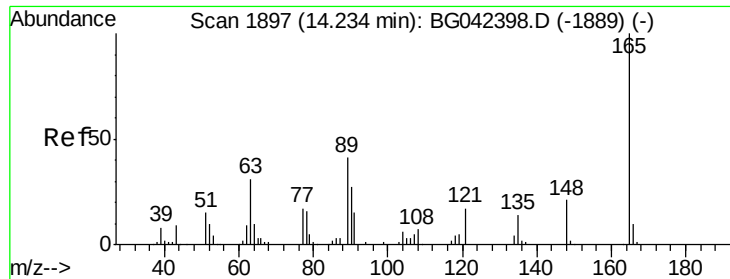
Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 420978 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 5.1   | 4.2   | 6.2    |
| 164       | 10.6  | 8.8   | 13.2   |





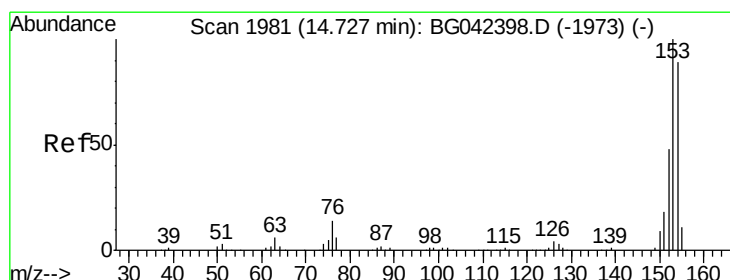
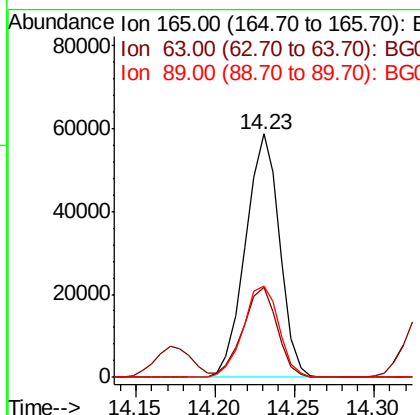
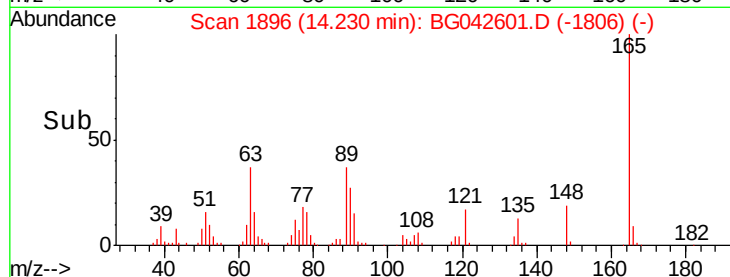
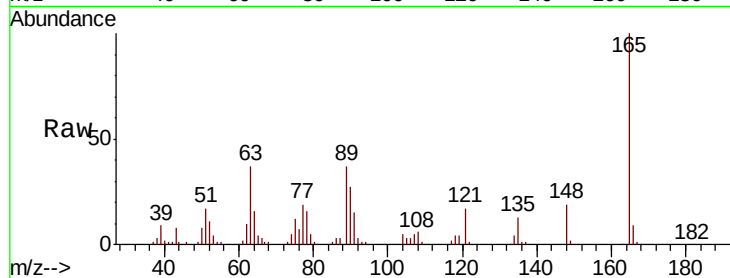
#51  
2,6-Dinitrotoluene  
Concen: 51.644 ng  
RT: 14.23 min Scan# 1896  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 87609 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 37.0  | 30.6  | 45.8  |
| 89        | 37.4  | 32.6  | 49.0  |

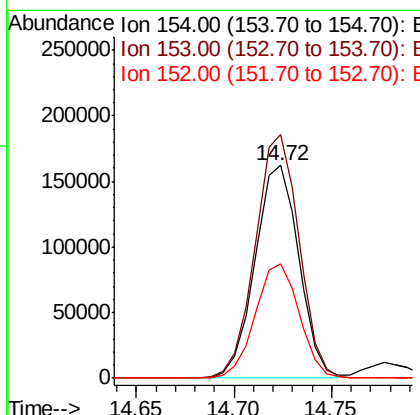
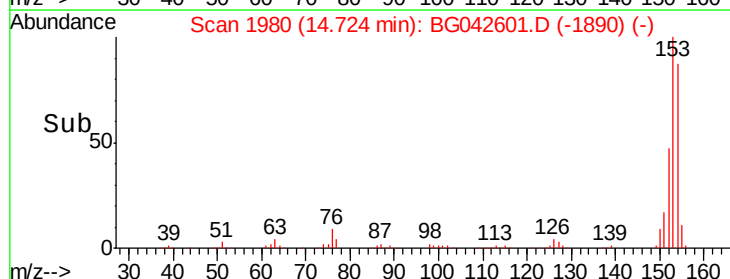
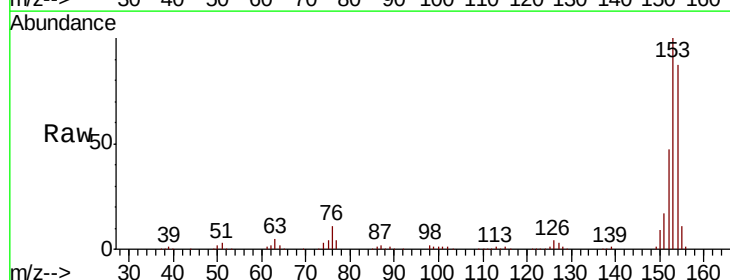
Manual Integrations  
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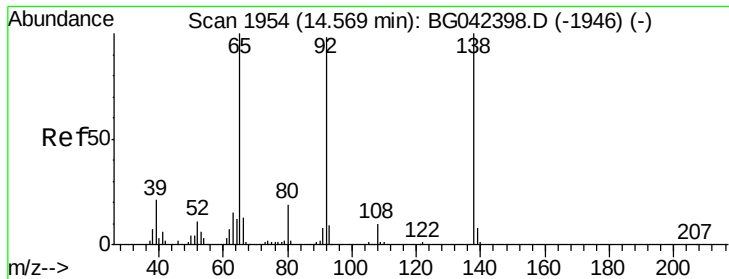
mohammad  
8/31/2019 2:42:43 PM



#52  
Acenaphthene  
Concen: 48.880 ng  
RT: 14.72 min Scan# 1980  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 252448 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.6 | 90.2  | 135.4  |
| 152       | 54.1  | 43.2  | 64.8   |





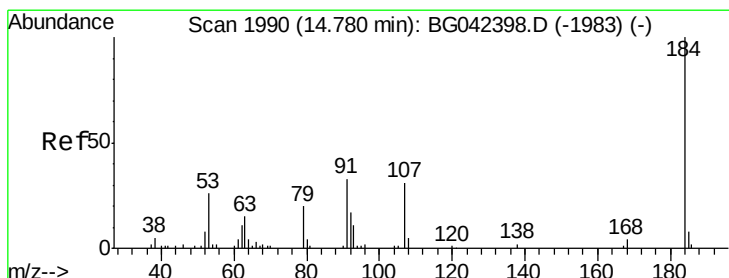
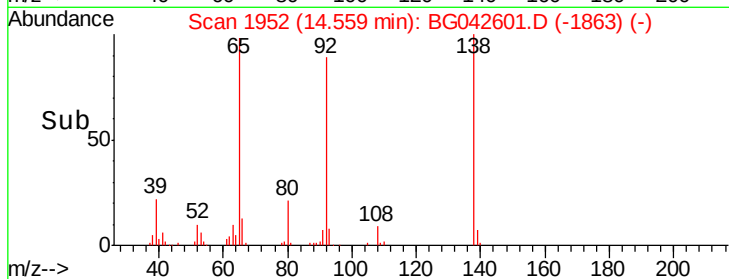
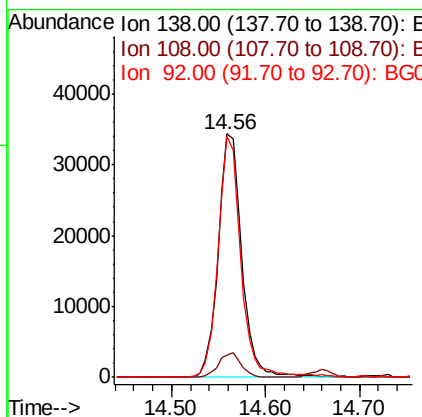
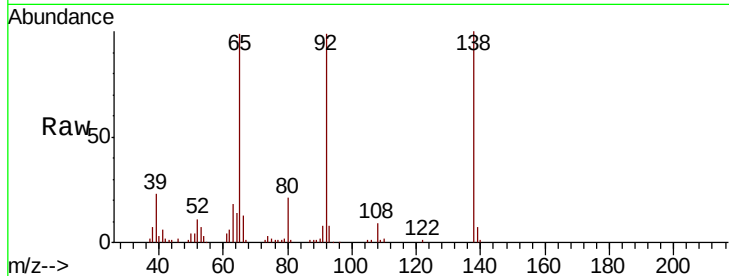
#53  
3-Nitroaniline  
Concen: 35.433 ng  
RT: 14.56 min Scan# 1952  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.1   | 8.3   | 12.5  |
| 92      | 98.9  | 78.2  | 117.4 |

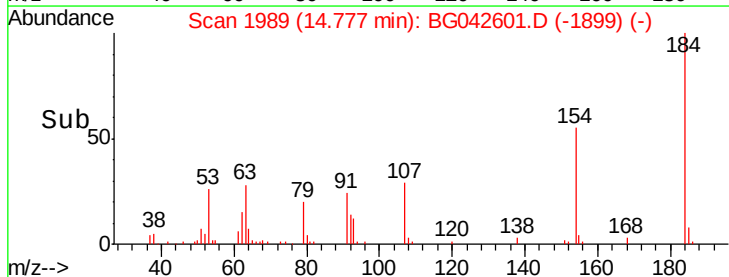
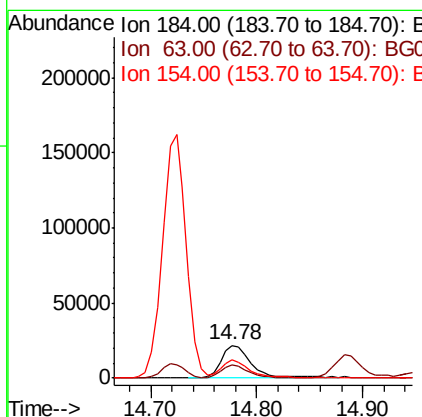
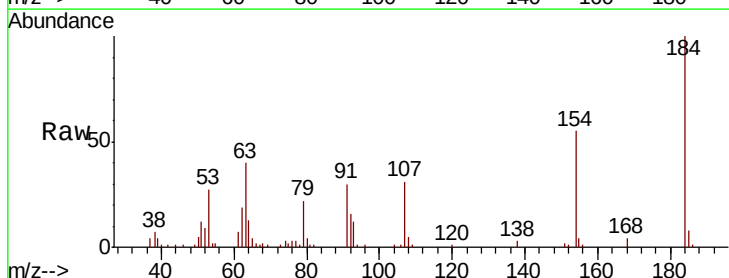
Manual Integrations  
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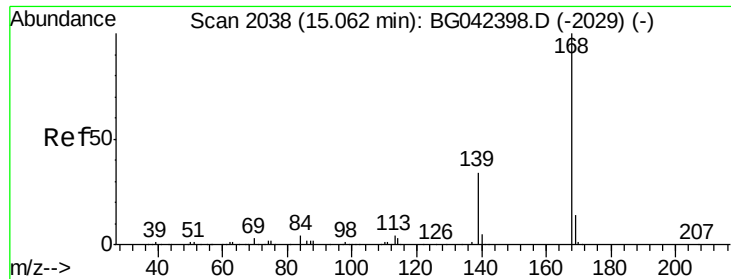
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 41.367 ng  
RT: 14.78 min Scan# 1989  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 40.2  | 31.7  | 47.5  |
| 154     | 55.5  | 42.0  | 63.0  |





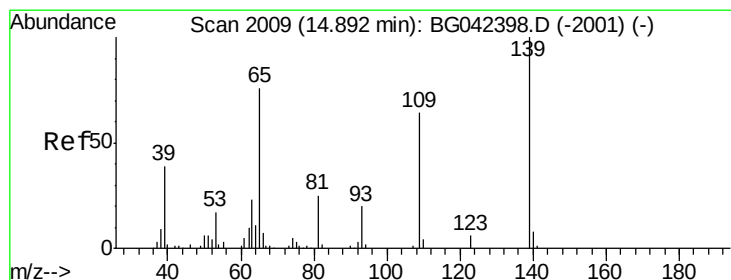
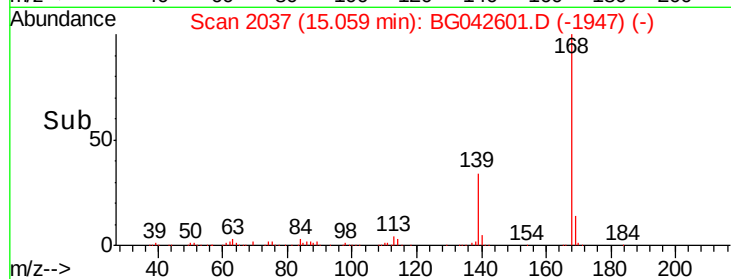
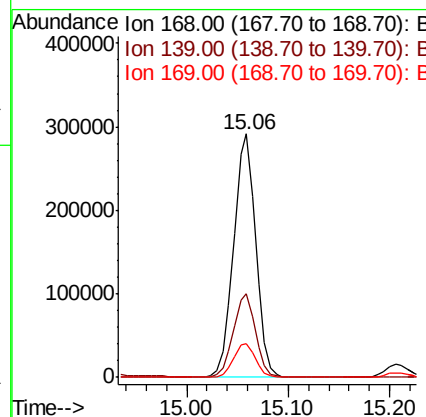
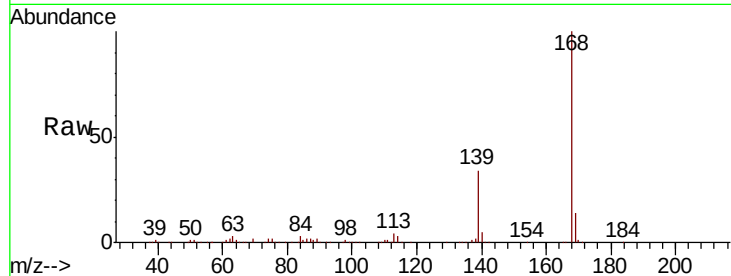
#55  
Dibenzofuran  
Concen: 51.327 ng  
RT: 15.06 min Scan# 2037  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.5  | 27.2  | 40.8  |
| 169     | 14.1  | 11.5  | 17.3  |

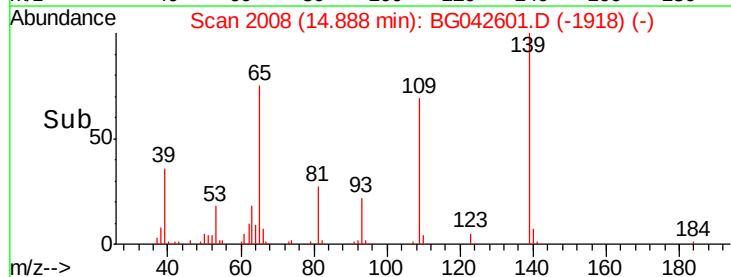
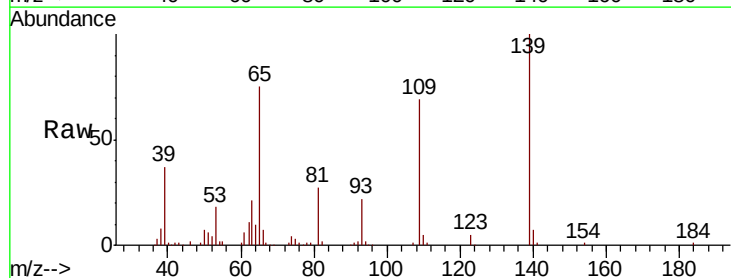
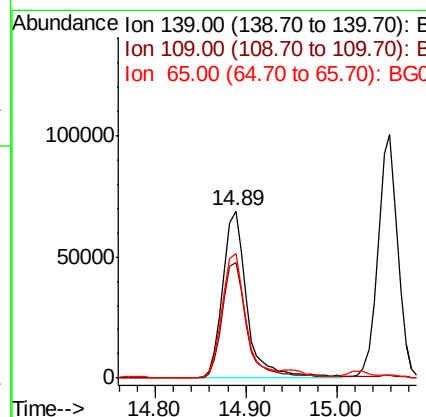
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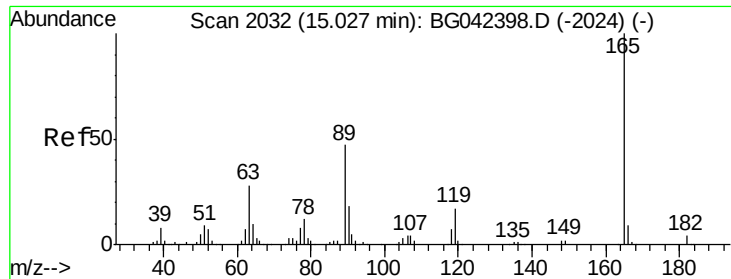


#56  
4-Nitrophenol  
Concen: 106.566 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 69.3  | 43.9  | 83.9  |
| 65      | 74.7  | 56.3  | 96.3  |







#57

2,4-Dinitrotoluene

Concen: 51.898 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

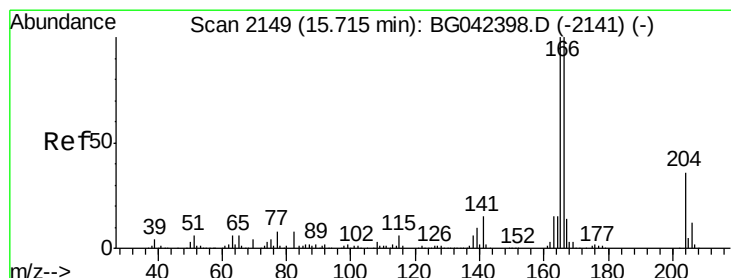
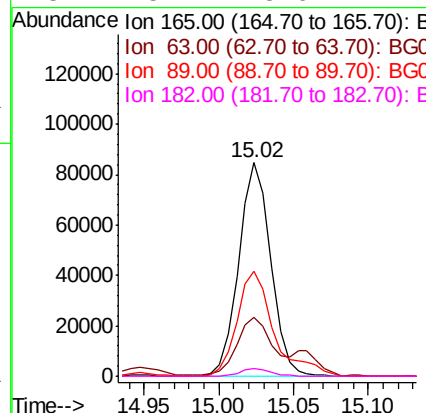
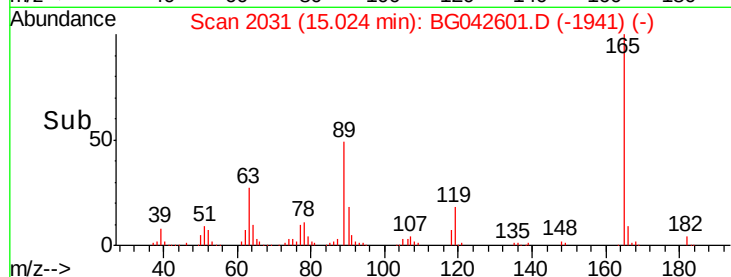
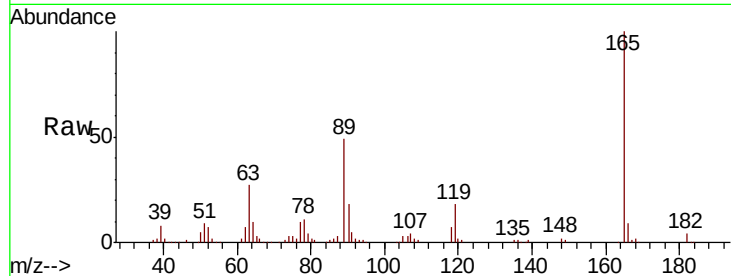
ClientSampleId :

S704-N-2.0-2.5-082119MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 126071 |       |       |
| 63      | 27.3 | 22.5  | 33.7   |       |       |
| 89      | 49.1 | 37.8  | 56.6   |       |       |
| 182     | 3.7  | 3.0   | 4.4    |       |       |

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#58

Fluorene

Concen: 50.748 ng

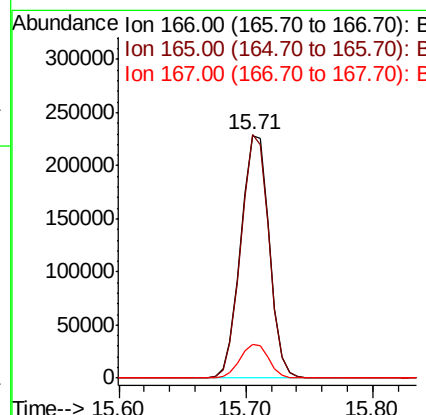
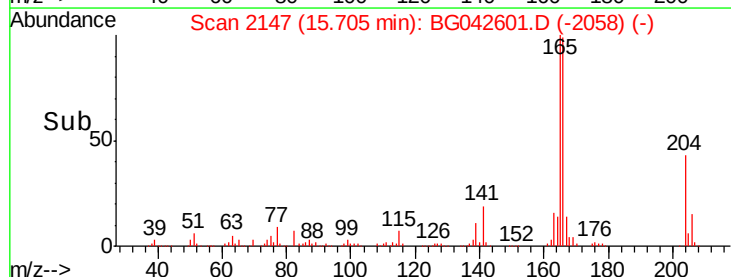
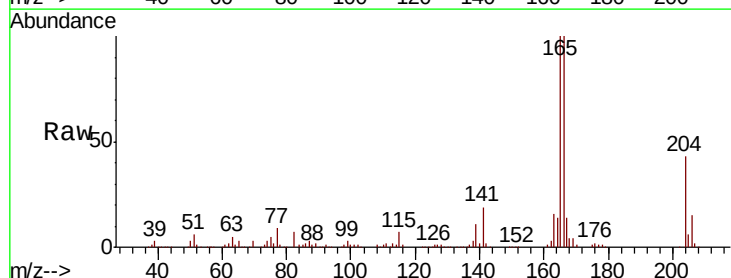
RT: 15.71 min Scan# 2147

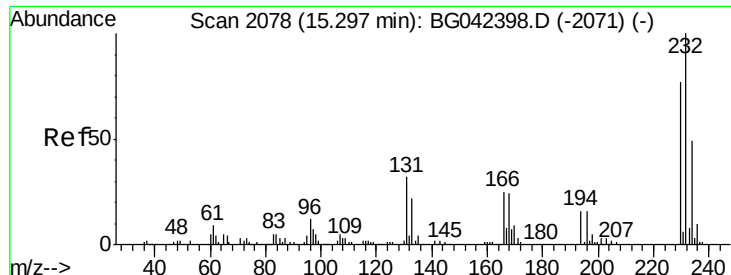
Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 166     | 100   |       | 354642 |       |       |
| 165     | 100.3 | 79.7  | 119.5  |       |       |
| 167     | 14.0  | 10.9  | 16.3   |       |       |





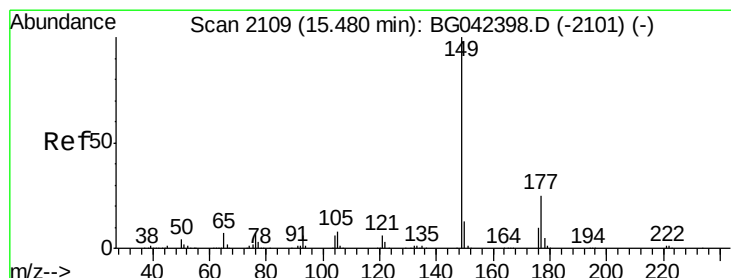
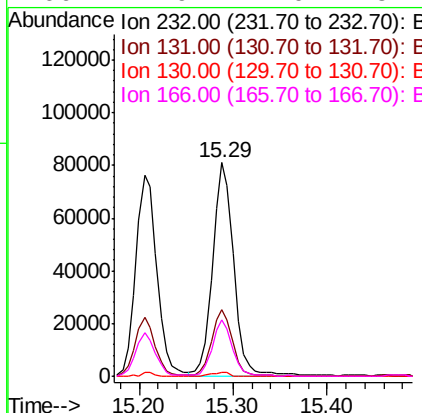
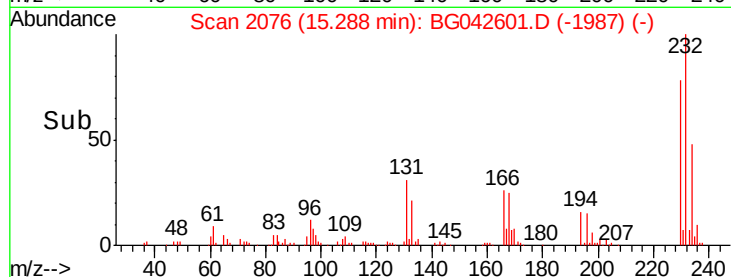
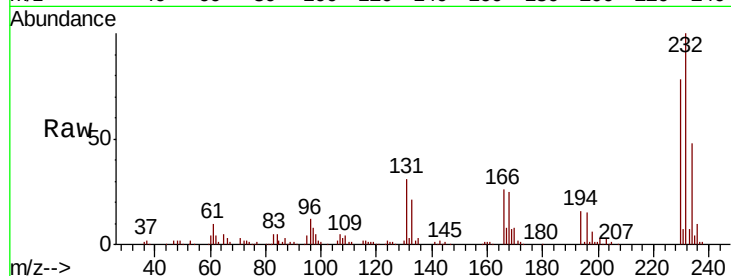
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 56.729 ng  
 RT: 15.29 min Scan# 2076  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 232     | 100  |       | 128000 |       |       |
| 131     | 31.0 | 22.9  | 34.3   |       |       |
| 130     | 1.5  | 1.4   | 2.0    |       |       |
| 166     | 24.9 | 17.0  | 25.4   |       |       |

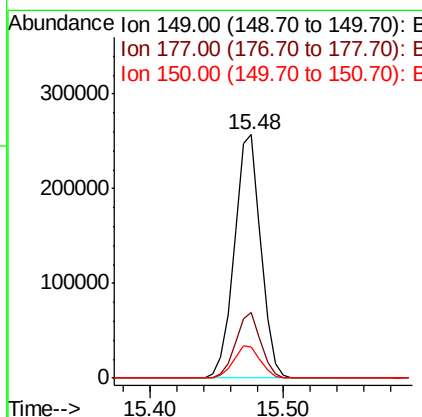
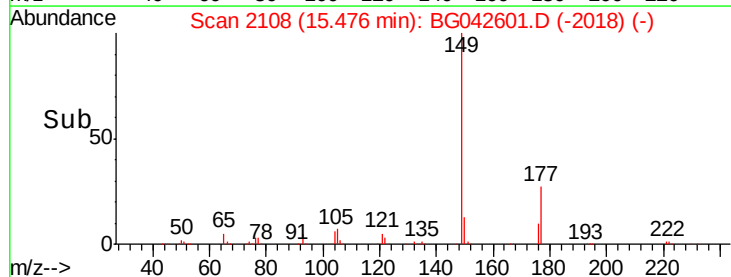
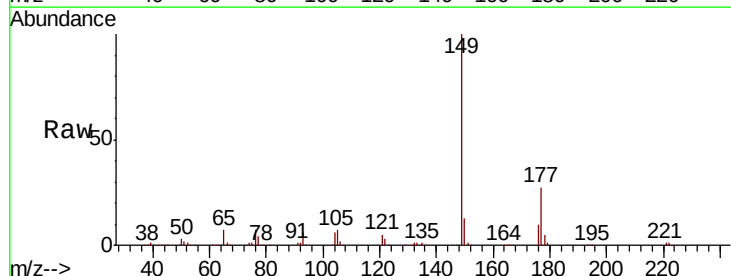
Manual Integrations  
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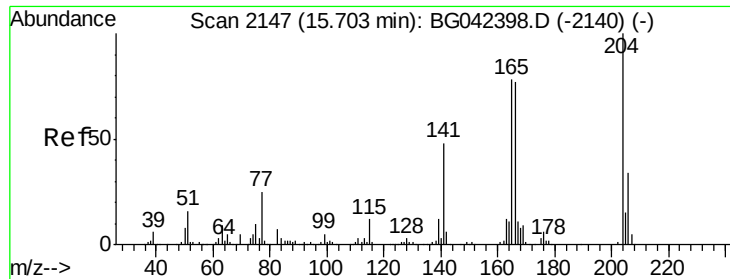
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 8/31/2019 2:42:43 PM



#60  
 Diethylphthalate  
 Concen: 49.190 ng  
 RT: 15.48 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 351921 |       |       |
| 177     | 26.8 | 20.4  | 30.6   |       |       |
| 150     | 12.9 | 10.3  | 15.5   |       |       |





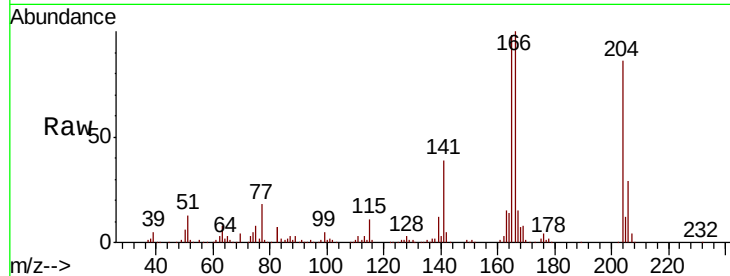
#61  
4-Chlorophenyl-phenylether  
Concen: 50.572 ng  
RT: 15.70 min Scan# 2146  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.0  | 27.2  | 40.8  |
| 141     | 45.5  | 38.7  | 58.1  |

Manual Integrations  
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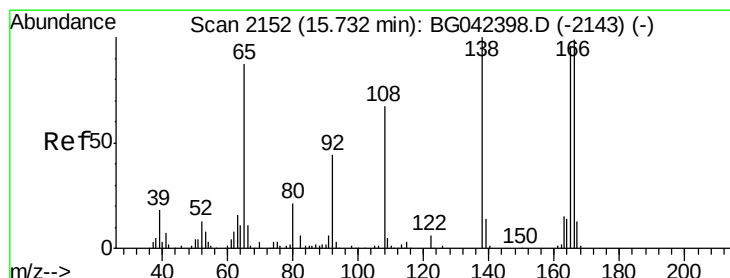
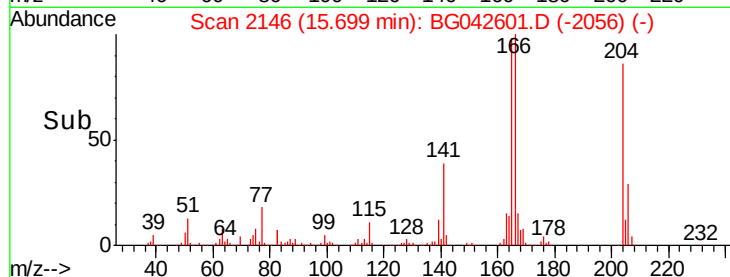
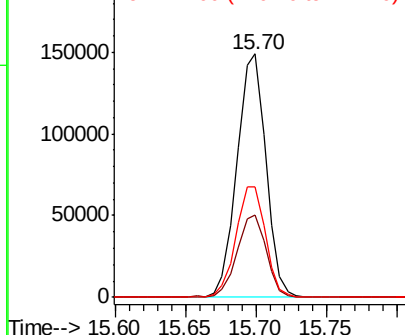


Abundance

Ion 204.00 (203.70 to 204.70): E

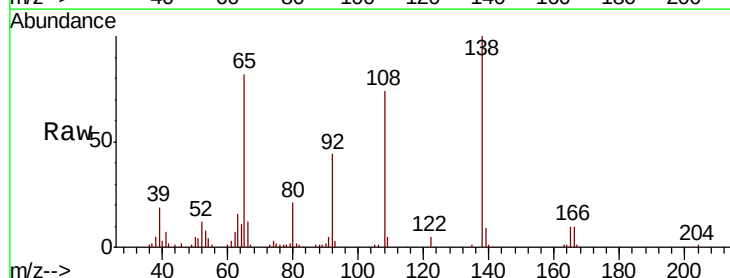
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 47.787 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. 0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 43.5  | 24.2  | 64.2  |
| 108     | 74.0  | 46.8  | 86.8  |

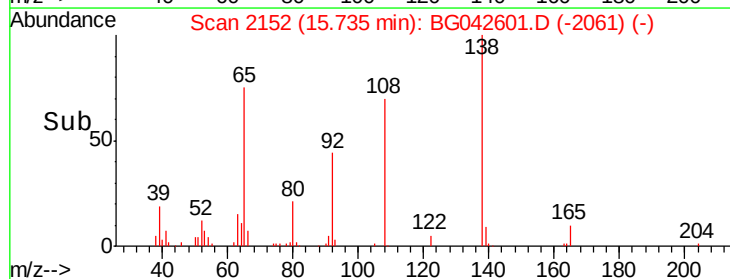
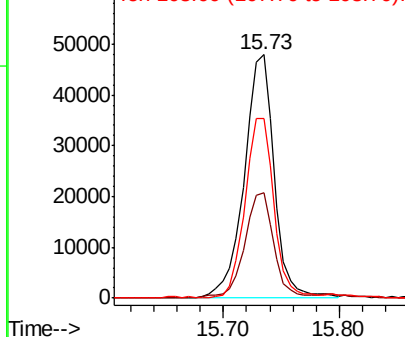


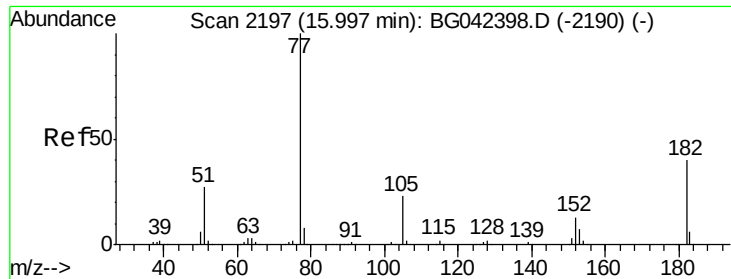
Abundance

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





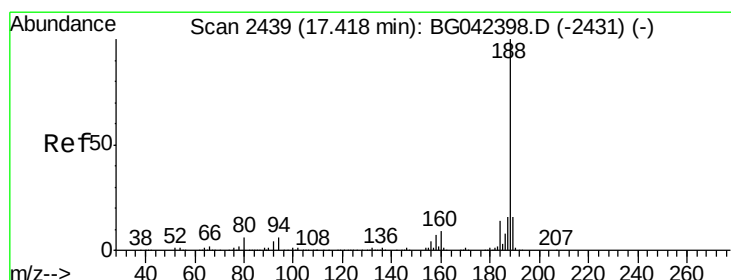
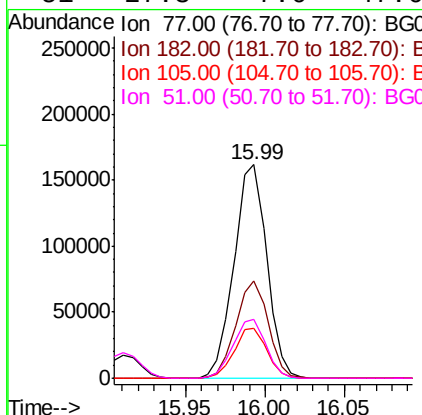
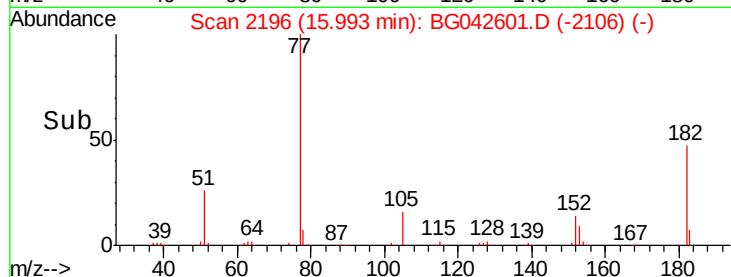
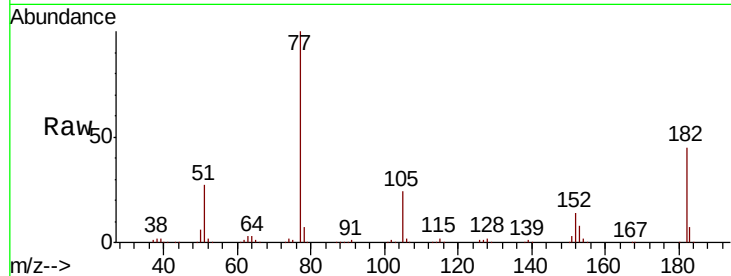
#63  
Azobenzene  
Concen: 47.340 ng  
RT: 15.99 min Scan# 2196  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 45.4  | 19.9  | 59.9  |
| 105     | 23.5  | 2.9   | 42.9  |
| 51      | 27.3  | 7.6   | 47.6  |

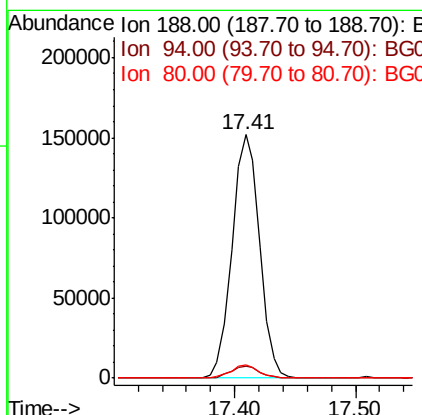
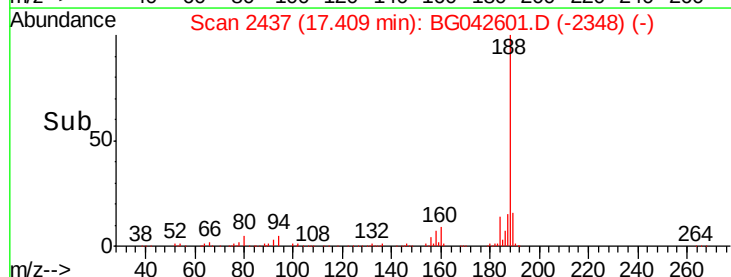
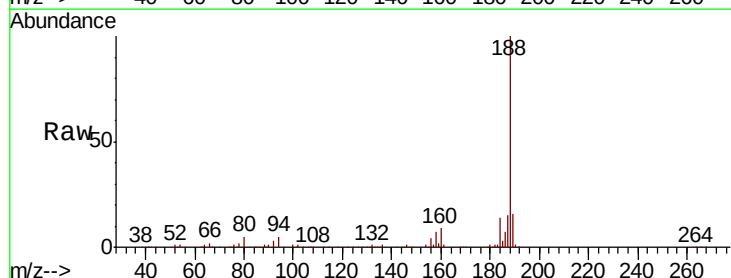
Manual Integrations  
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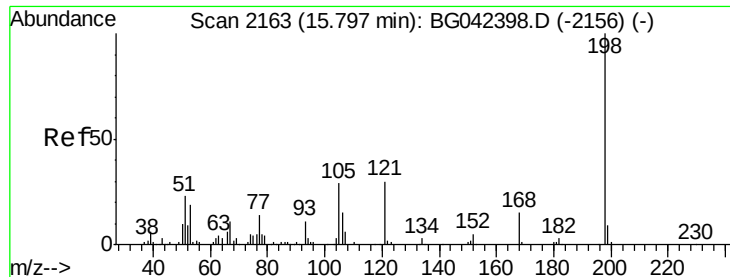
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2437  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.0   | 4.5   | 6.7   |
| 80      | 5.4   | 4.9   | 7.3   |





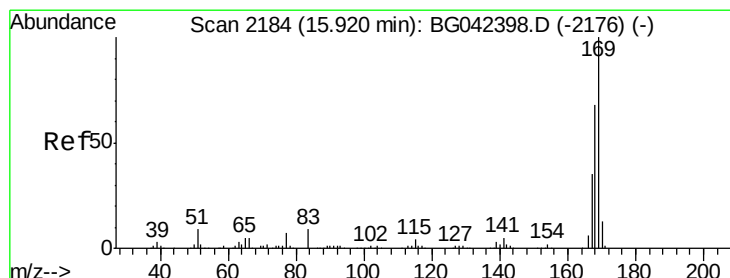
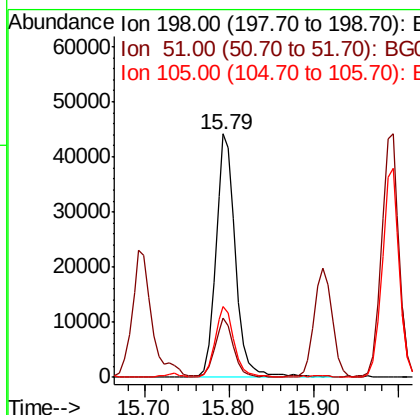
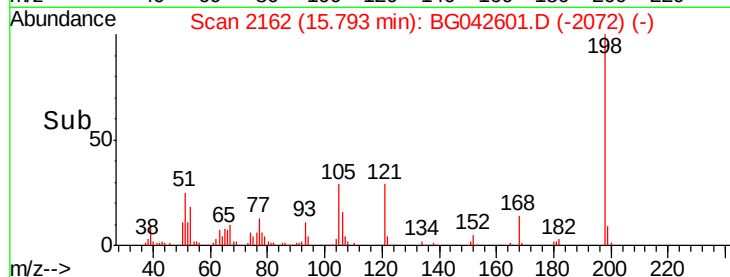
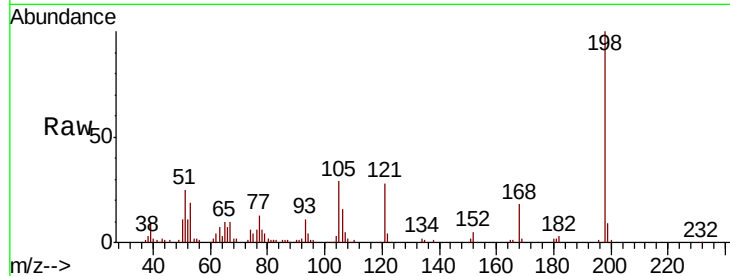
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 47.413 ng  
 RT: 15.79 min Scan# 2162  
 Delta R.T. -0.00 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 71494 |       |       |
| 51      | 24.5  |       | 4.2   | 44.2  |
| 105     | 28.9  |       | 8.8   | 48.8  |

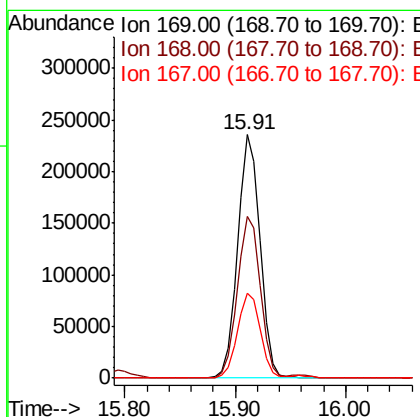
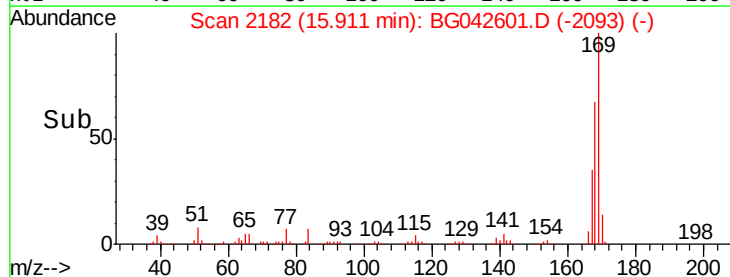
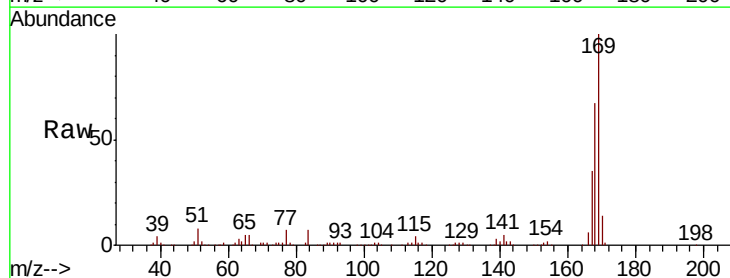
Manual Integrations  
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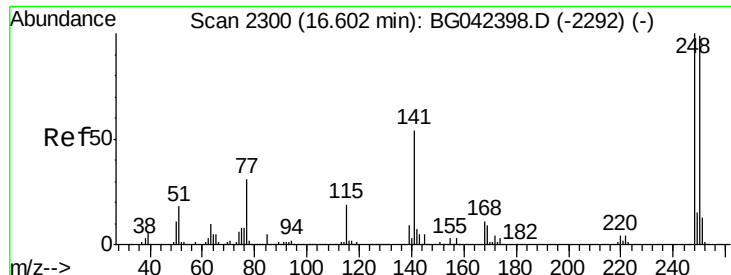
mohammad  
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#66  
 n-Nitrosodiphenylamine  
 Concen: 50.707 ng  
 RT: 15.91 min Scan# 2182  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 335388 |       |       |
| 168     | 66.7  |        | 54.3  | 81.5  |
| 167     | 35.1  |        | 28.2  | 42.2  |





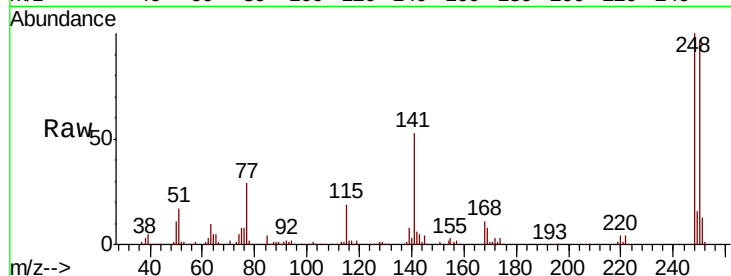
#67  
 4-Bromophenyl-phenylether  
 Concen: 49.777 ng  
 RT: 16.59 min Scan# 2298  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

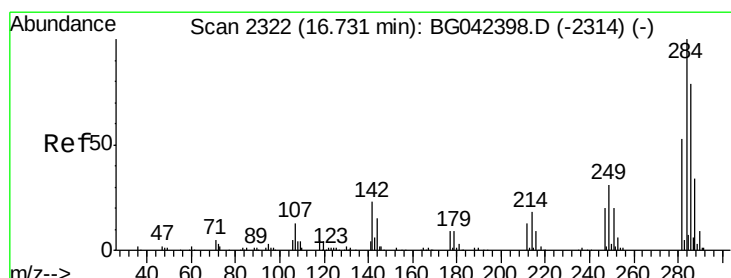
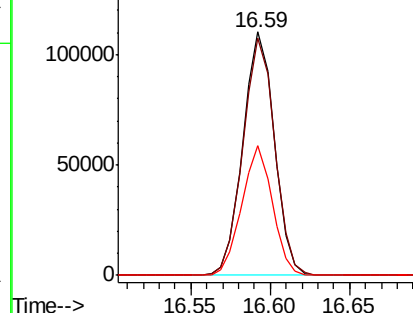
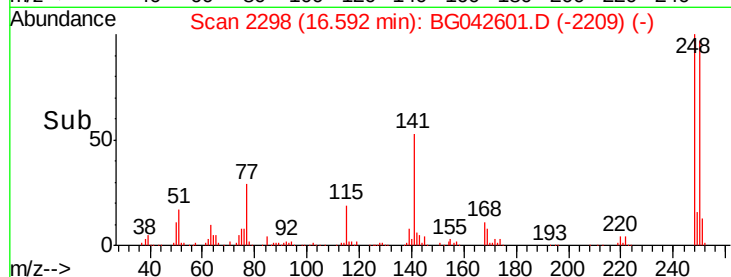
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 151857 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.3  | 78.9  | 118.3  |
| 141       | 53.0  | 43.3  | 64.9   |

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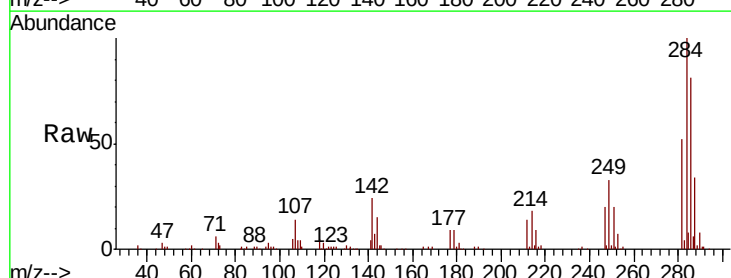


Abundance Ion 248.00 (247.70 to 248.70): E  
 150000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

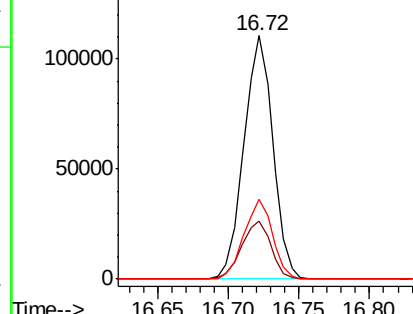
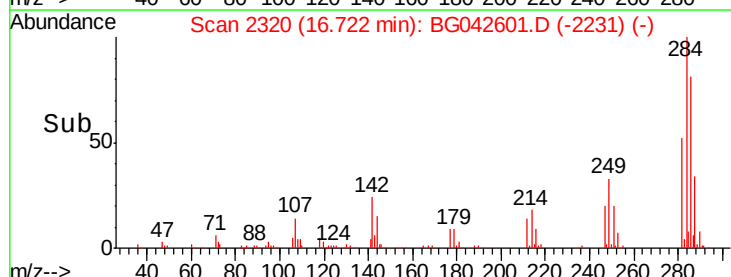


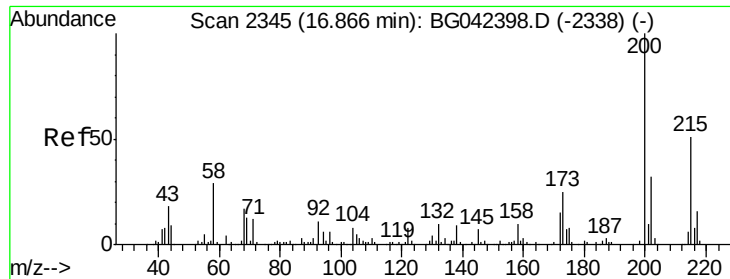
#68  
 Hexachlorobenzene  
 Concen: 47.931 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 158957 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 24.0  | 18.2  | 27.4   |
| 249       | 32.8  | 25.0  | 37.4   |



Abundance Ion 283.80 (283.50 to 284.50): E  
 150000 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





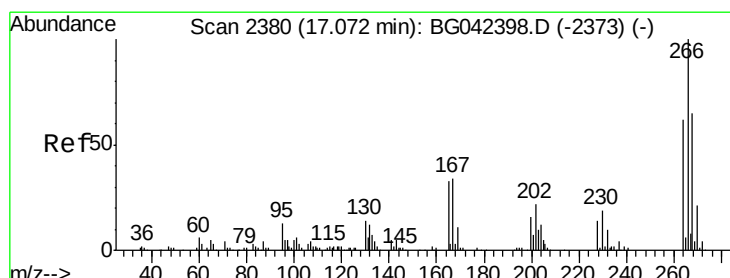
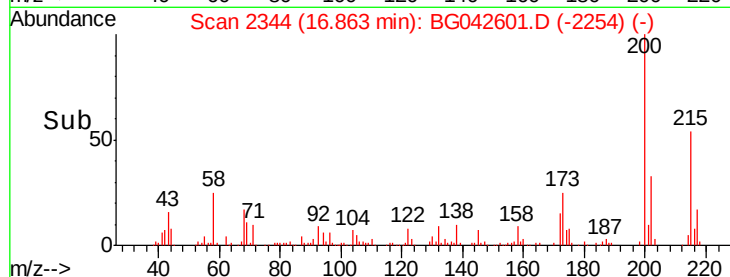
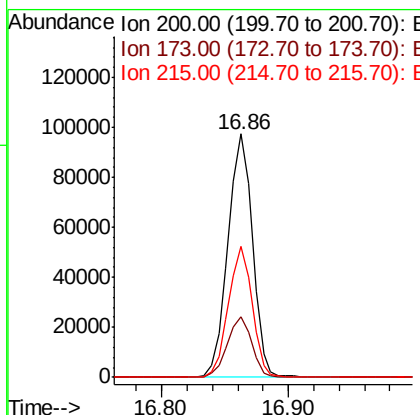
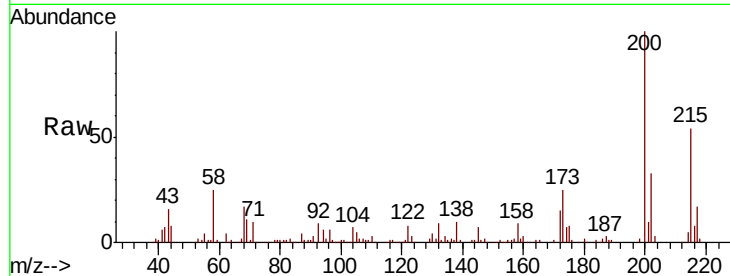
#69  
Atrazine  
Concen: 55.525 ng  
RT: 16.86 min Scan# 2344  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.0  | 4.9        | 44.9  |
| 215     | 53.6  | 30.7       | 70.7  |

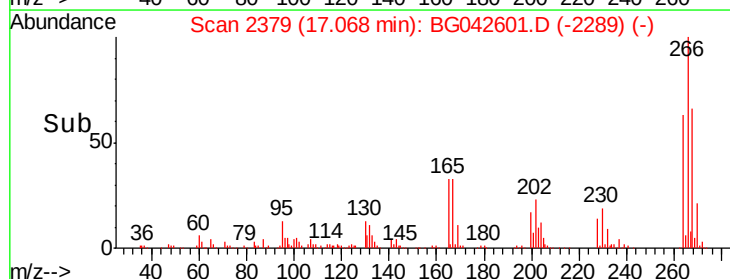
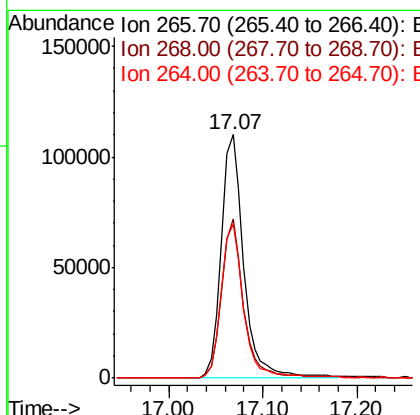
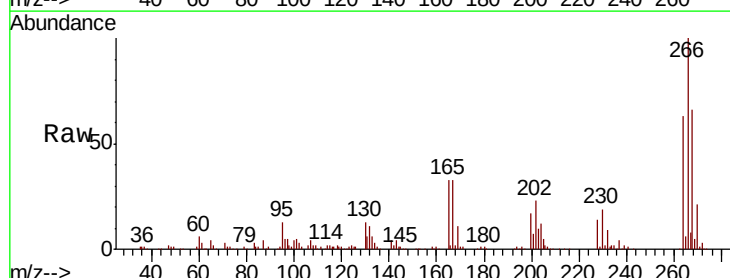
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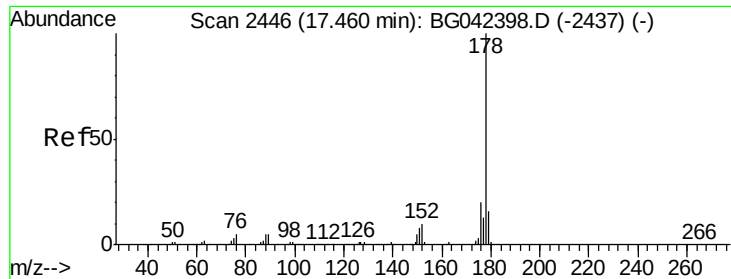
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#70  
Pentachlorophenol  
Concen: 107.379 ng  
RT: 17.07 min Scan# 2379  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 65.6  | 52.1       | 78.1  |
| 264     | 63.3  | 49.4       | 74.2  |





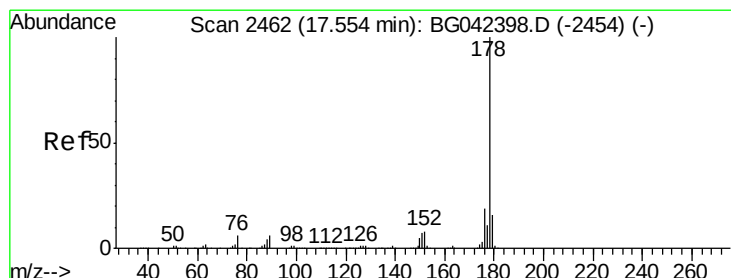
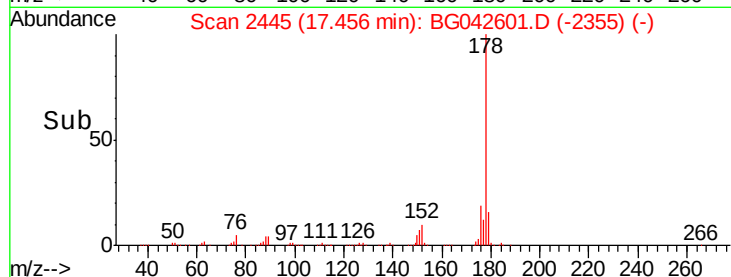
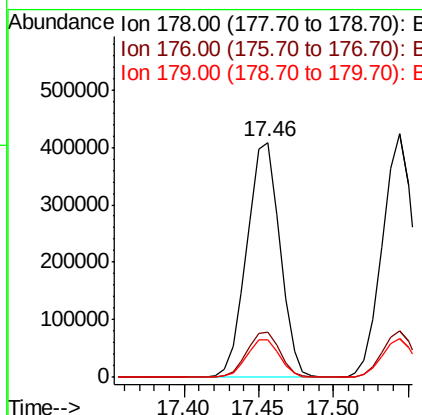
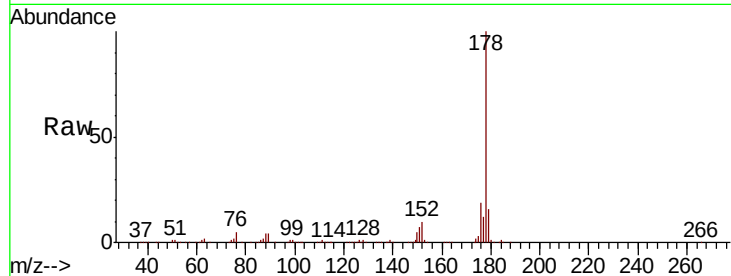
#71  
Phenanthrene  
Concen: 52.298 ng  
RT: 17.46 min Scan# 2445  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.9  | 23.9  |
| 179     | 16.2  | 12.7  | 19.1  |

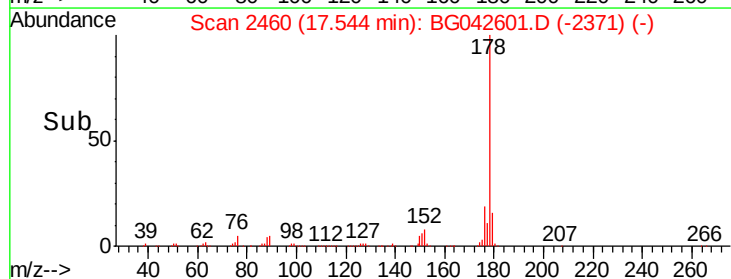
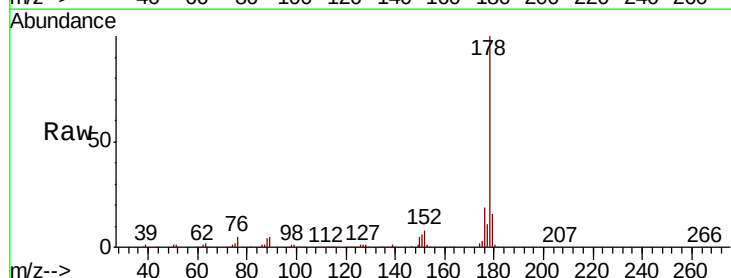
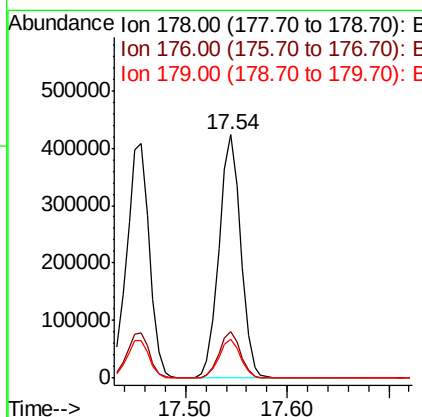
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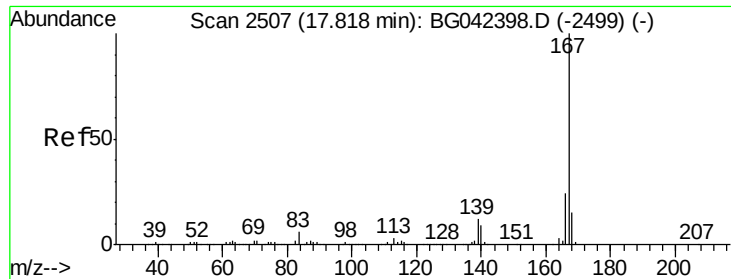


#72  
Anthracene  
Concen: 52.715 ng  
RT: 17.54 min Scan# 2460  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.5  | 23.3  |
| 179     | 16.0  | 12.9  | 19.3  |







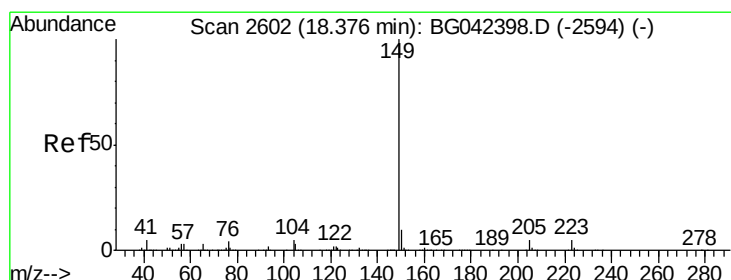
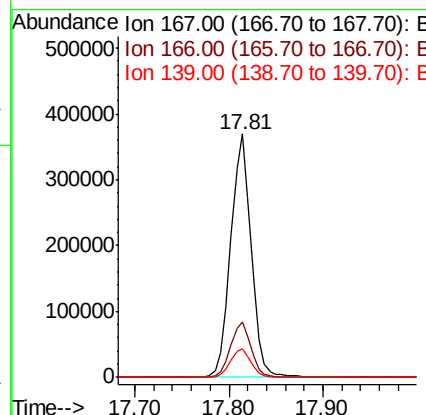
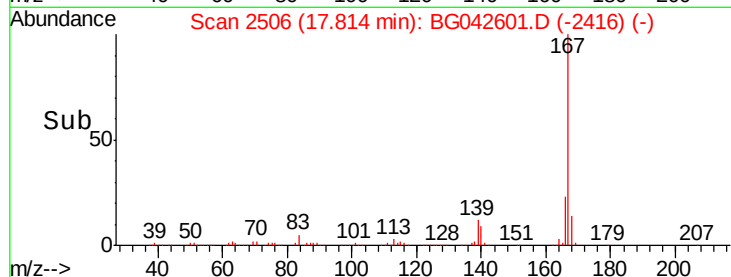
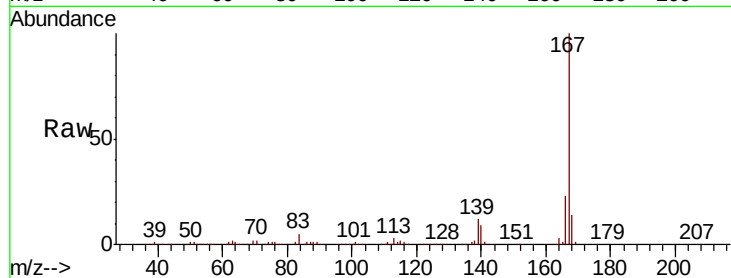
#73  
 Carbazole  
 Concen: 52.598 ng  
 RT: 17.81 min Scan# 2506  
 Delta R.T. -0.00 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 18.9  | 28.3  |
| 139     | 11.6  | 9.8   | 14.6  |

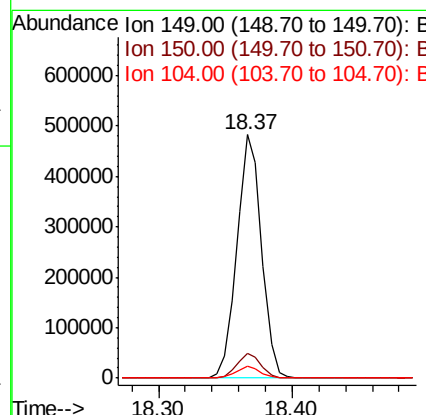
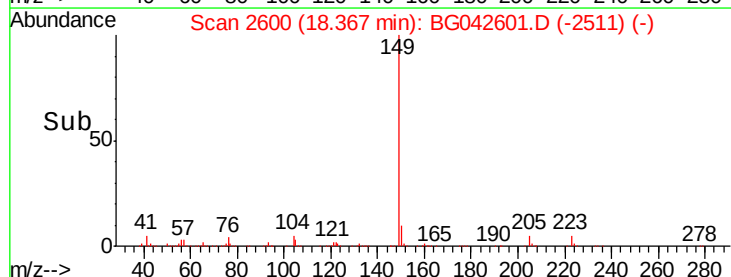
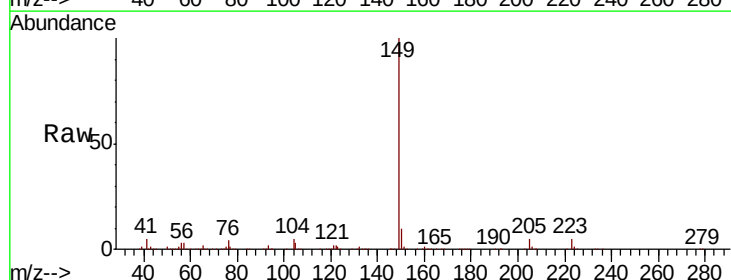
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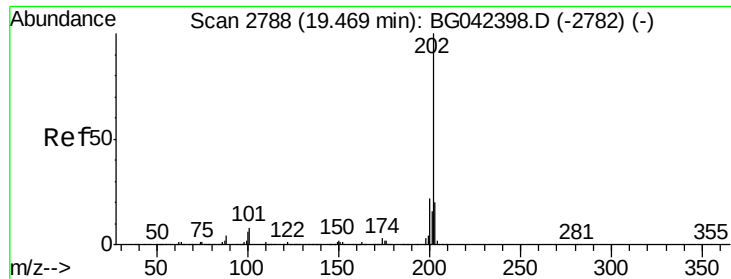
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#74  
 Di-n-butylphthalate  
 Concen: 49.299 ng  
 RT: 18.37 min Scan# 2600  
 Delta R.T. -0.01 min  
 Lab File: BG042601.D  
 Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 8.1   | 12.1  |
| 104     | 4.7   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 56.076 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

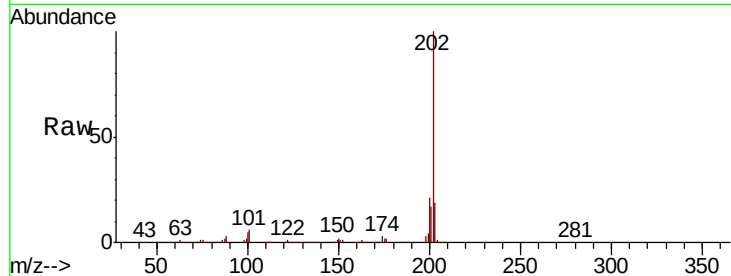
ClientSampleId :

S704-N-2.0-2.5-082119MS

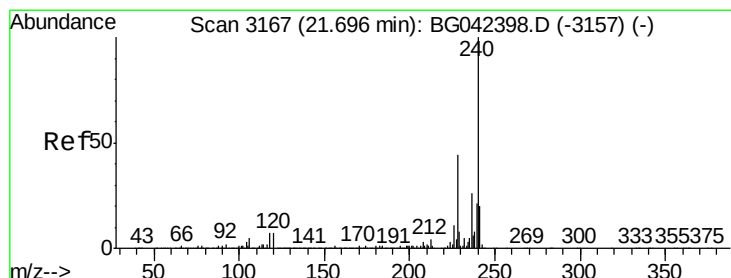
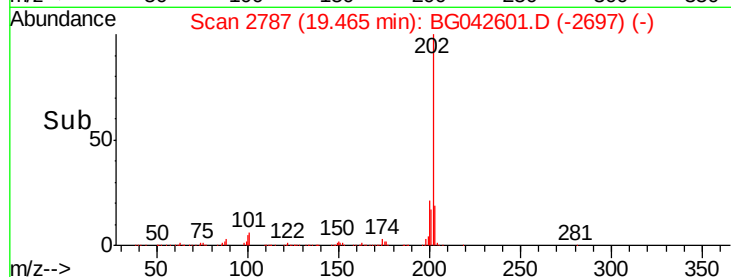
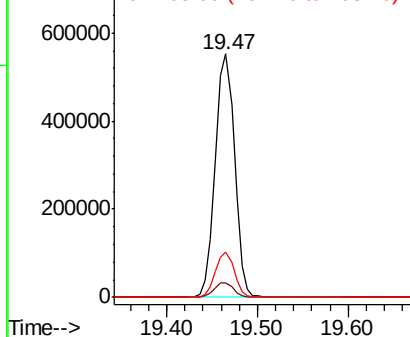
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 817587 |       |       |
| 101     | 6.2   | 0.0    | 28.3  |       |
| 203     | 18.8  | 0.0    | 39.6  |       |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

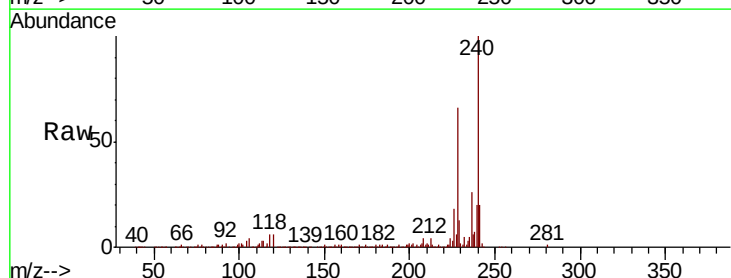
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

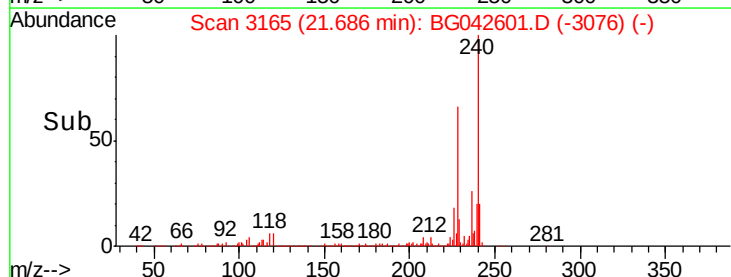
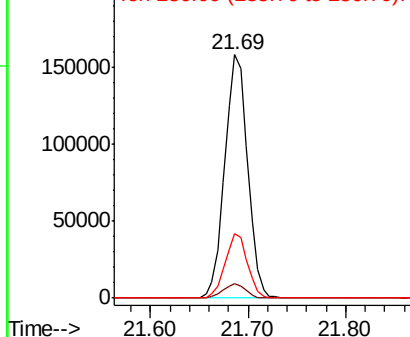
Lab File: BG042601.D

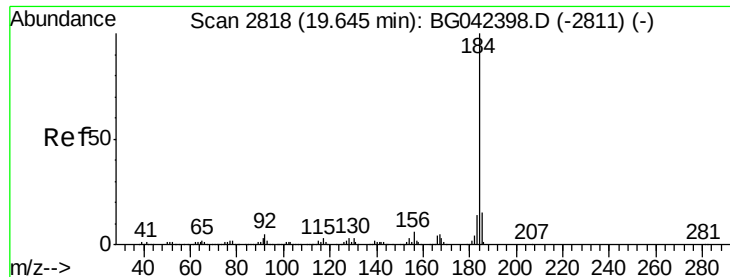
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 256811 |       |       |
| 120     | 5.9   | 5.7    | 8.5   |       |
| 236     | 26.2  | 21.0   | 31.4  |       |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.382 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

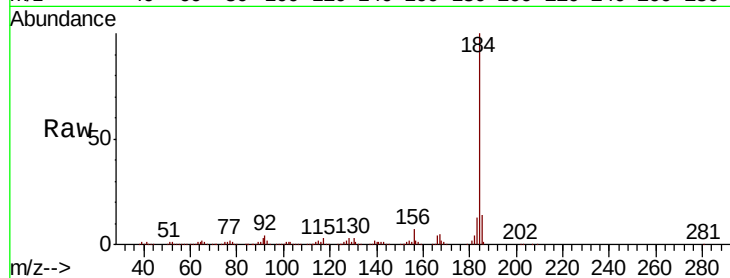
ClientSampleId :

S704-N-2.0-2.5-082119MS

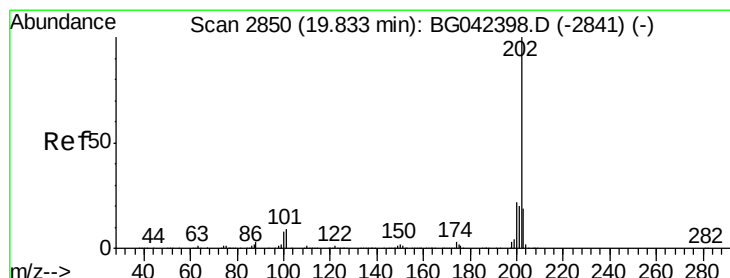
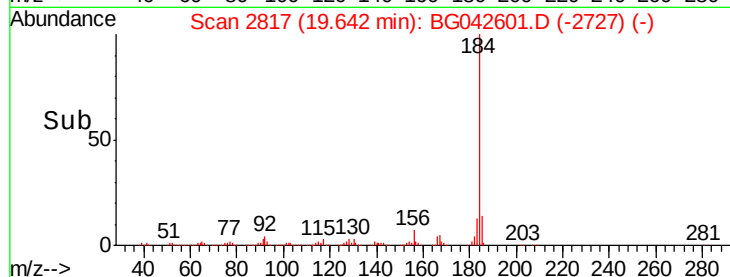
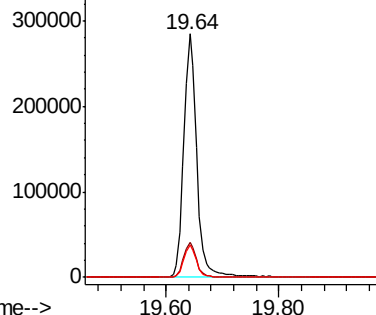
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 459312 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.2  | 12.2  | 18.4   |
| 183       | 13.1  | 10.8  | 16.2   |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.972 ng

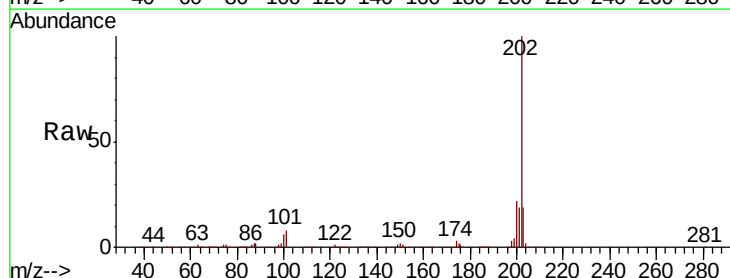
RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

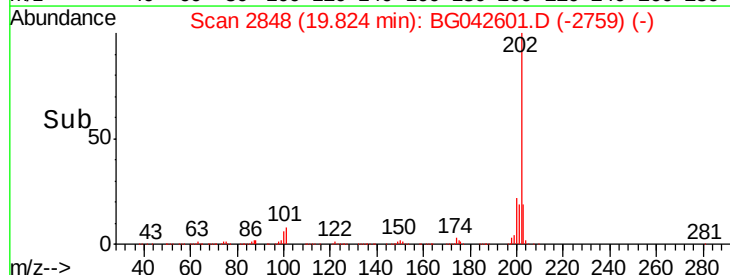
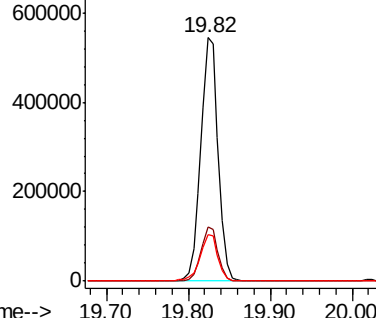
Lab File: BG042601.D

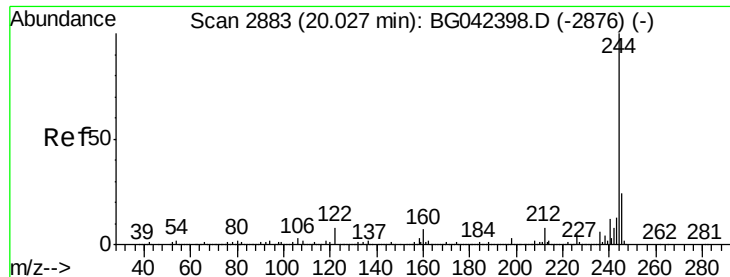
Acq: 30 Aug 2019 15:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 802547 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.0  | 17.8  | 26.6   |
| 203       | 19.1  | 15.5  | 23.3   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.215 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

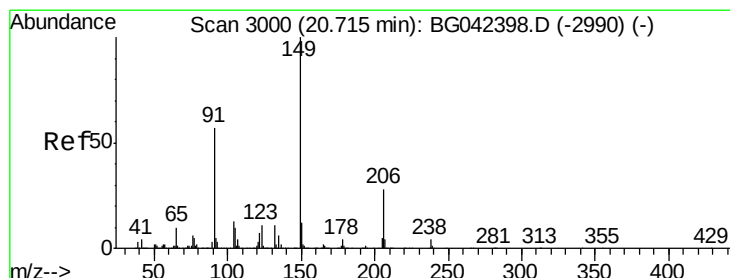
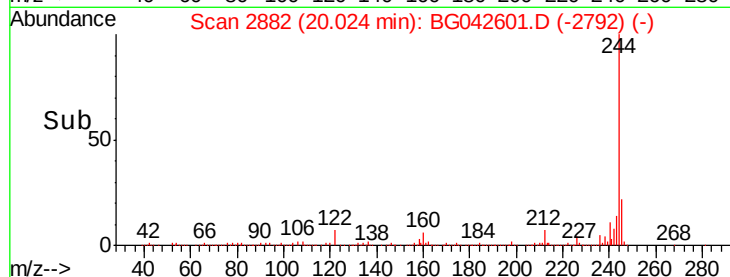
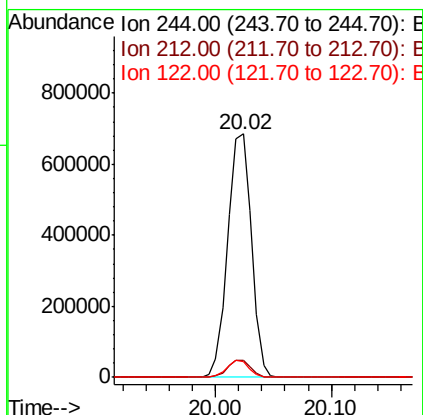
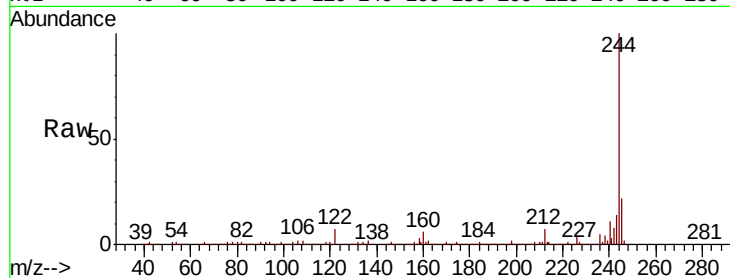
ClientSampleId :

S704-N-2.0-2.5-082119MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 976625 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.0   | 6.0   | 9.0    |
| 122       | 6.5   | 6.7   | 10.1#  |

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#80

Butylbenzylphthalate

Concen: 46.769 ng

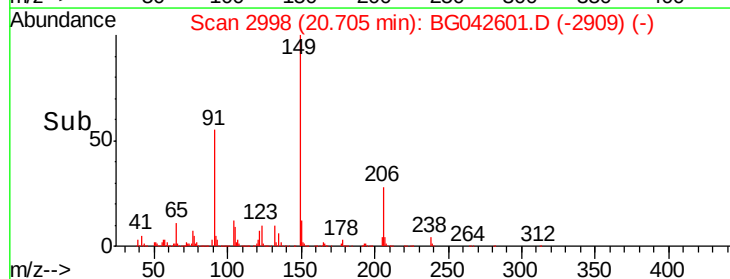
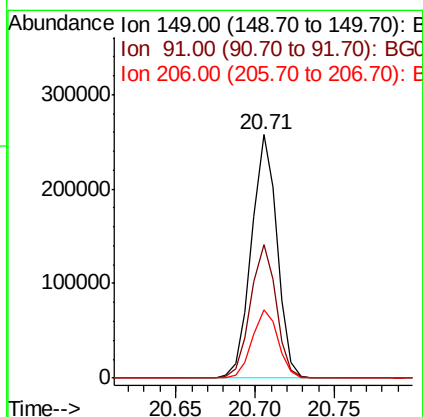
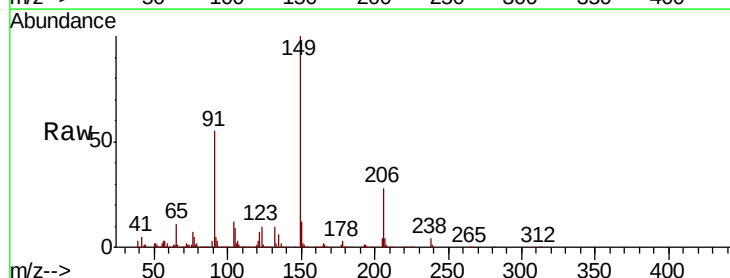
RT: 20.71 min Scan# 2998

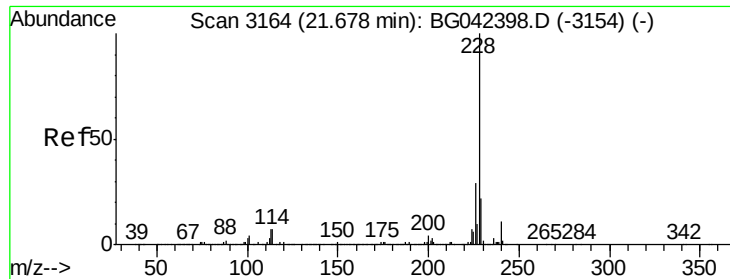
Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 289633 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 55.0  | 45.9  | 68.9   |
| 206       | 28.3  | 22.5  | 33.7   |





#81

Benzo(a)anthracene

Concen: 50.191 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

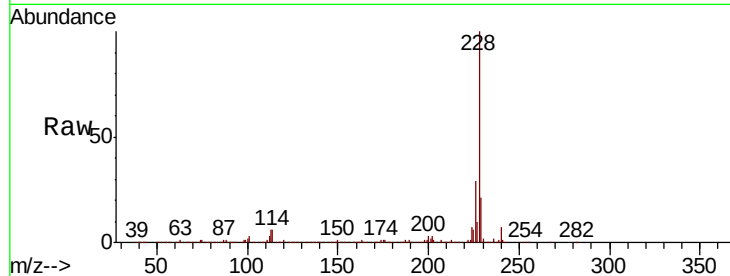
ClientSampleId :

S704-N-2.0-2.5-082119MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 784102 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.7  | 23.4  | 35.2   |
| 229       | 21.3  | 17.4  | 26.2   |

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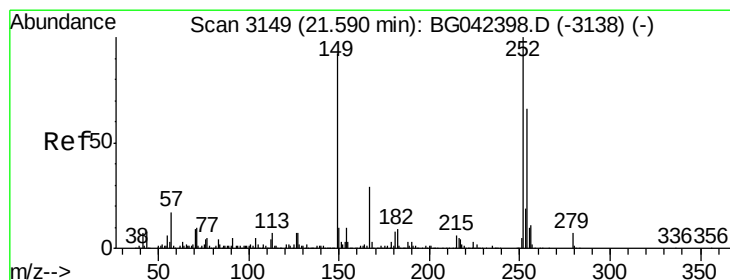
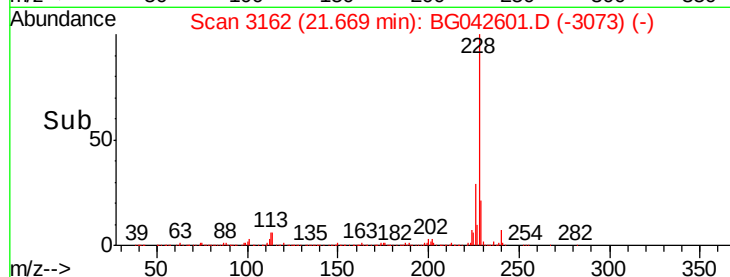
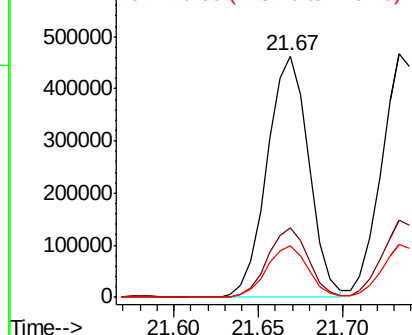


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.131 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

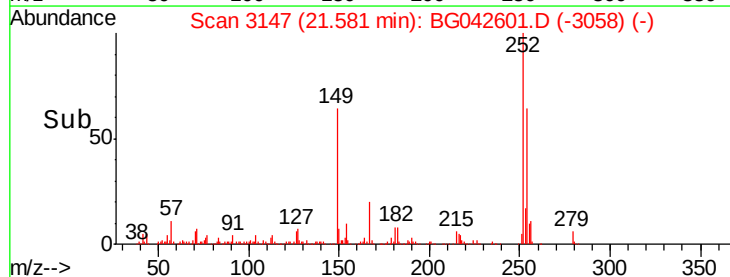
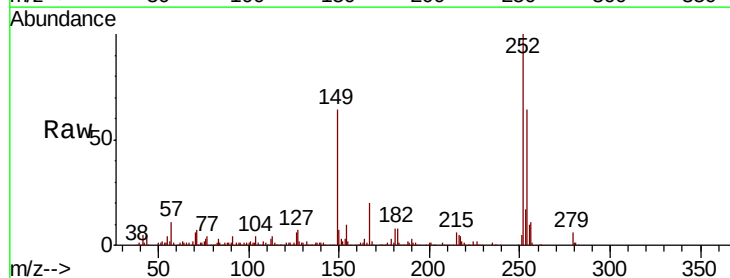
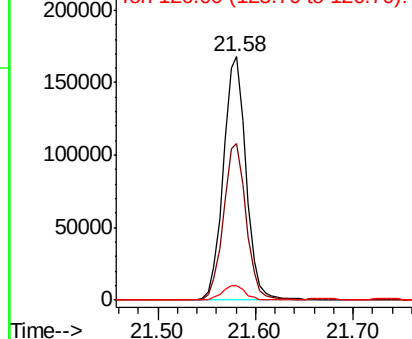
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 270994 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.1  | 53.0  | 79.4   |
| 126       | 6.0   | 5.7   | 8.5    |

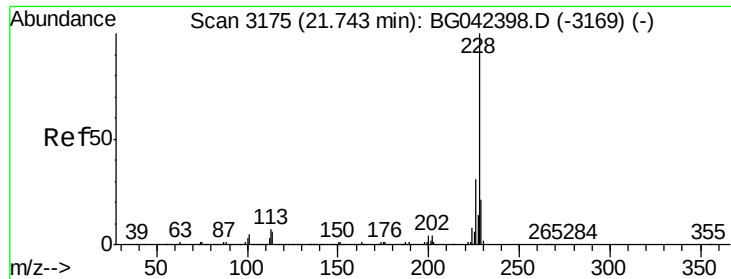
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





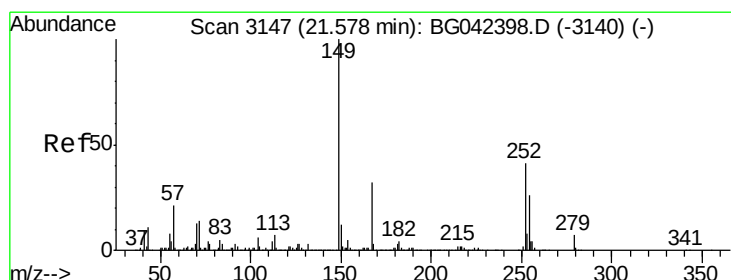
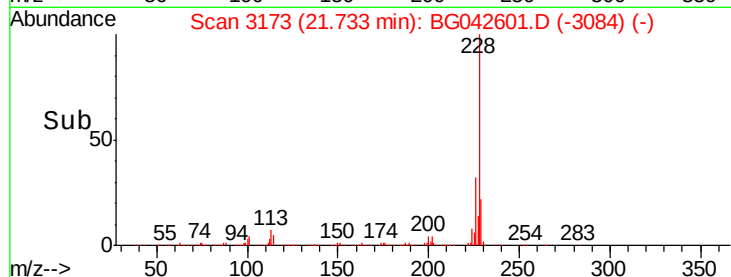
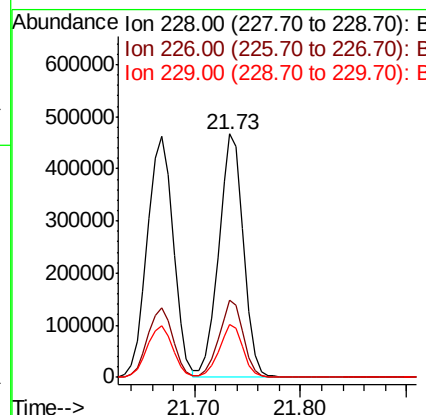
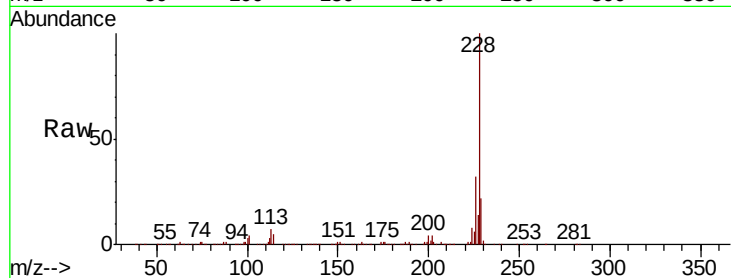
#83  
Chrysene  
Concen: 50.388 ng  
RT: 21.73 min Scan# 3173  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 228     | 100  |       |      |       |       |
| 226     | 31.6 | 24.9  | 37.3 |       |       |
| 229     | 21.8 | 16.9  | 25.3 |       |       |

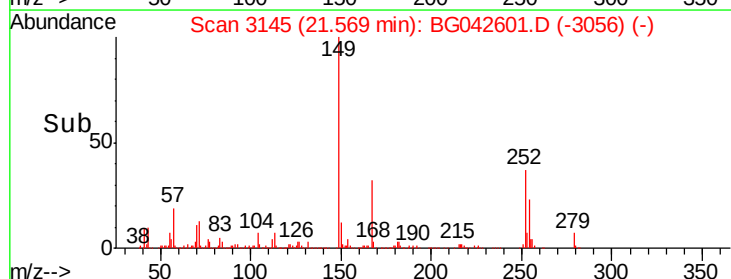
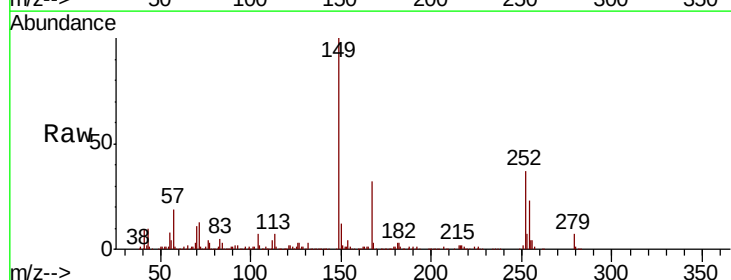
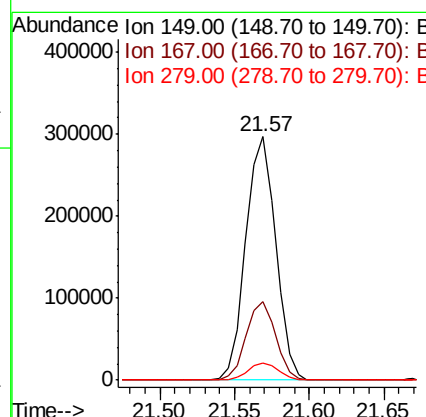
Manual Integrations  
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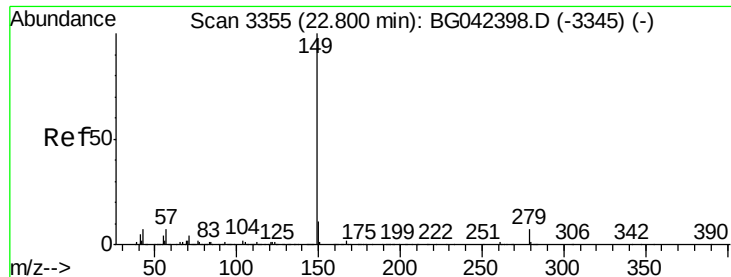
mohammad  
8/31/2019 2:42:43 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 47.984 ng  
RT: 21.57 min Scan# 3145  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 149     | 100  |       |      |       |       |
| 167     | 32.1 | 26.0  | 39.0 |       |       |
| 279     | 7.1  | 5.4   | 8.0  |       |       |





#85

Di-n-octyl phthalate

Concen: 48.942 ng

RT: 22.79 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

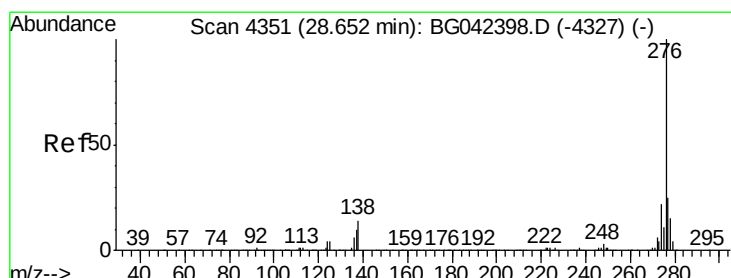
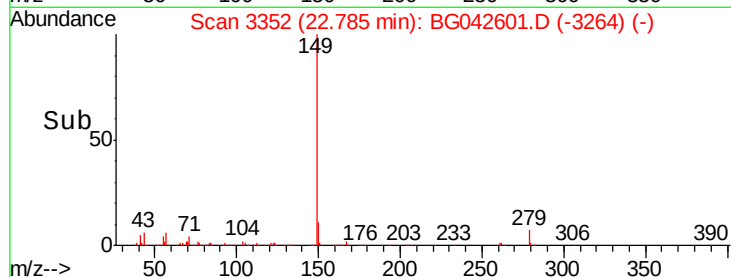
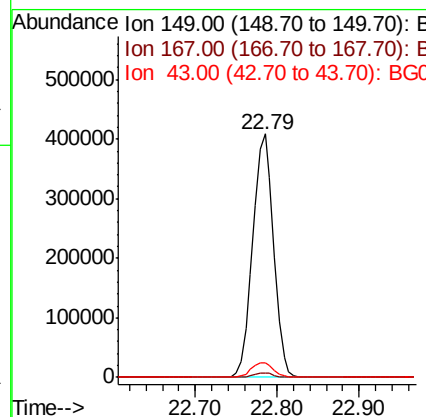
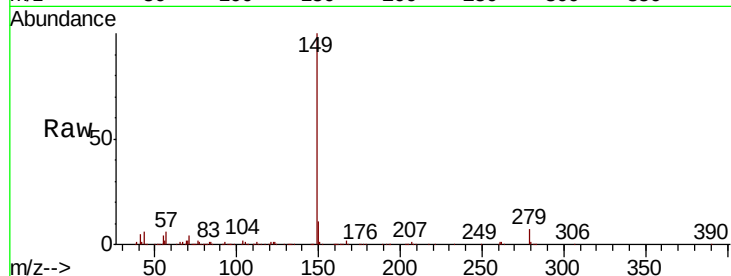
ClientSampleId :

S704-N-2.0-2.5-082119MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 723777 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.6   | 2.4    |
| 43        | 6.2   | 5.3   | 7.9    |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.374 ng

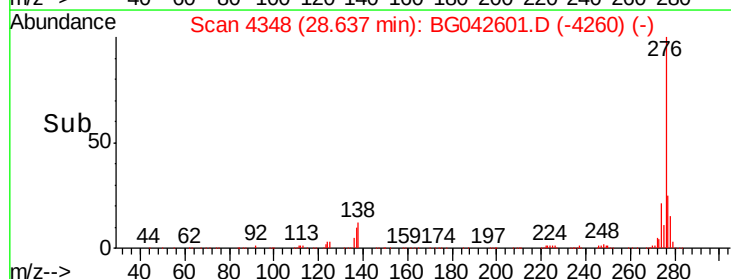
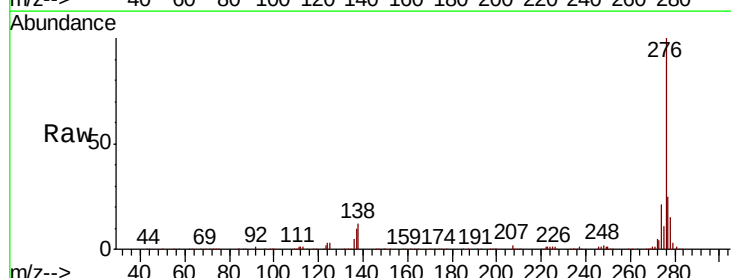
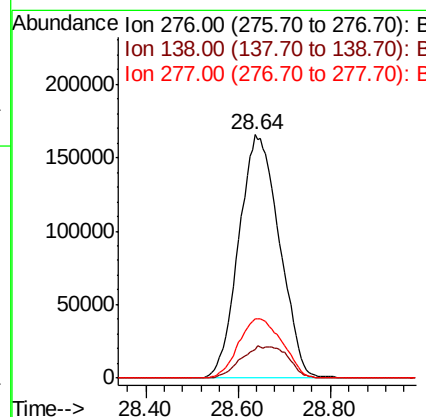
RT: 28.64 min Scan# 4348

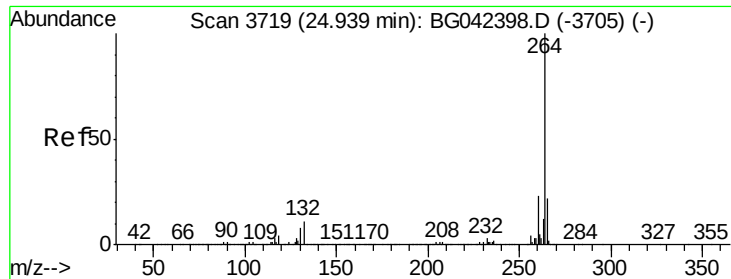
Delta R.T. -0.02 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1010923 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 7.5   | 9.2   | 13.8#   |
| 277       | 26.4  | 21.0  | 31.6    |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA\_G

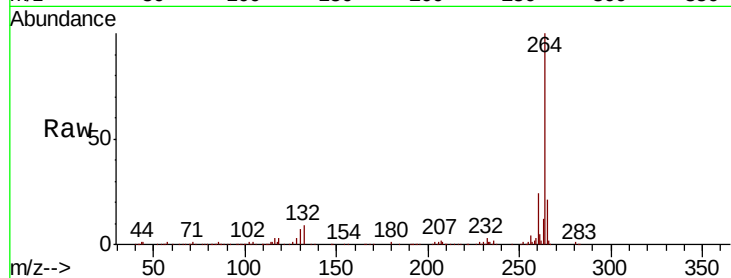
ClientSampleId :

S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 18.5  | 27.7  |
| 265     | 21.4  | 17.6  | 26.4  |

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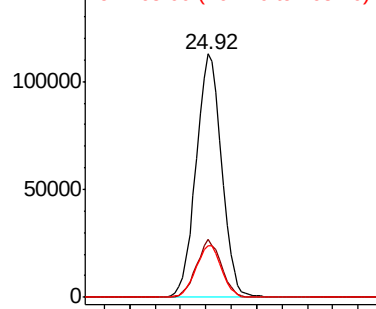


Abundance

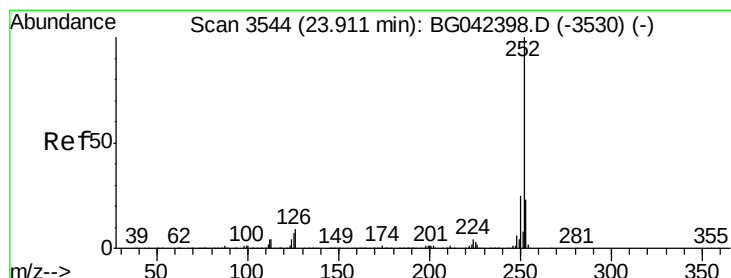
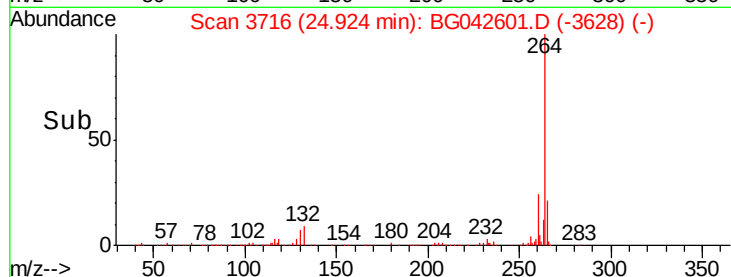
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 50.032 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

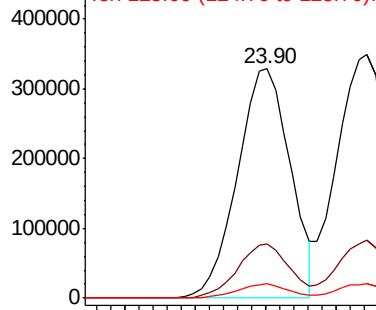
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 18.6  | 27.8  |
| 125     | 6.1   | 5.6   | 8.4   |

Abundance

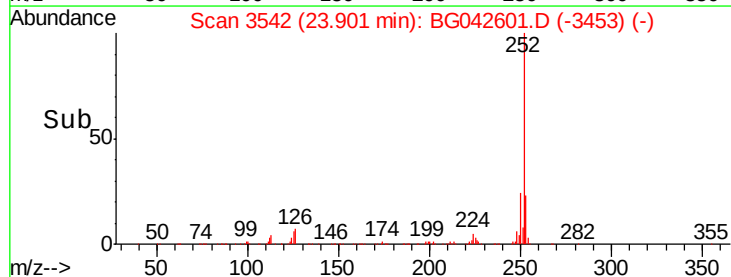
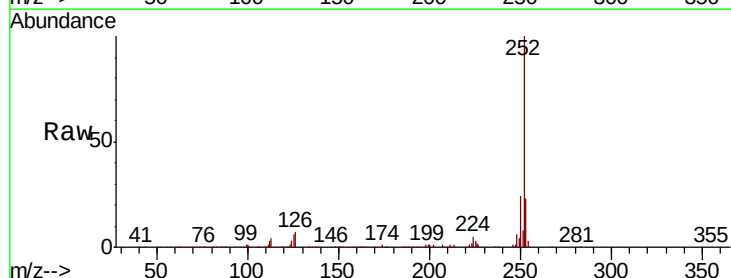
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

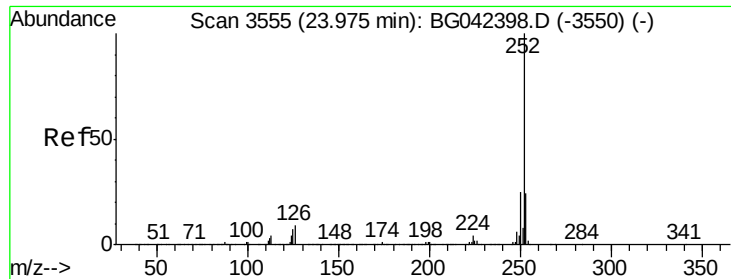
Ion 125.00 (124.70 to 125.70): E



Time-->







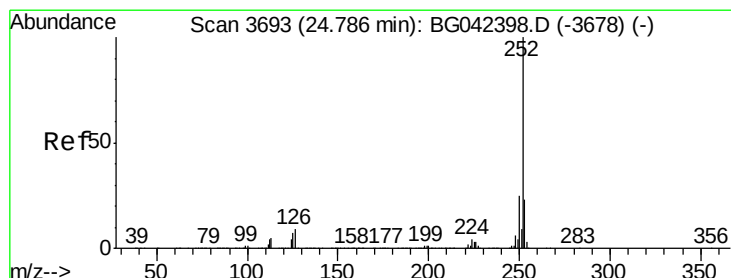
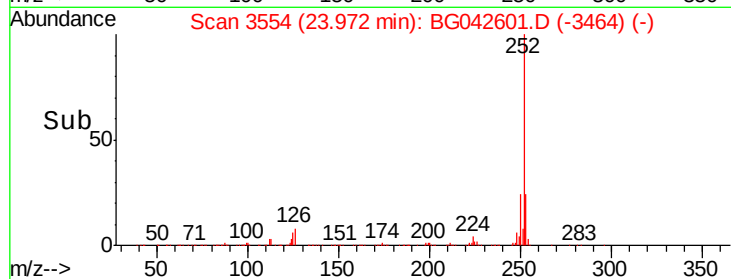
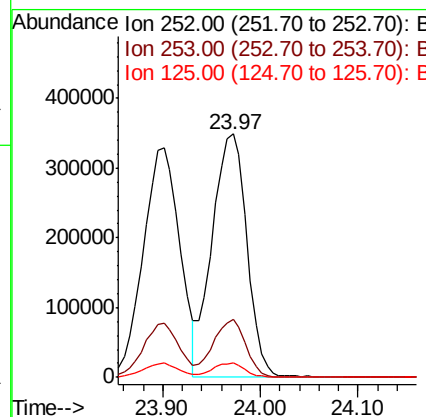
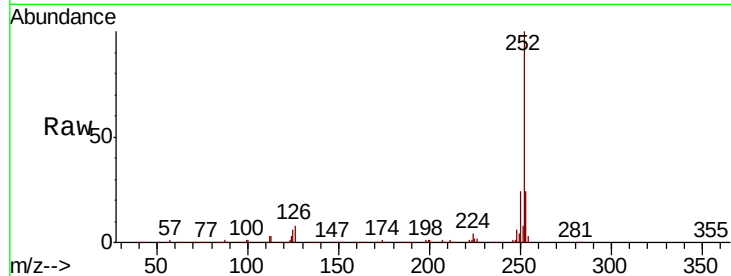
#89  
Benzo(k)fluoranthene  
Concen: 52.186 ng  
RT: 23.97 min Scan# 3554  
Delta R.T. -0.00 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 860801 |       |       |
| 253     | 23.6  |        | 18.6  | 27.8  |
| 125     | 5.8   |        | 5.8   | 8.6   |

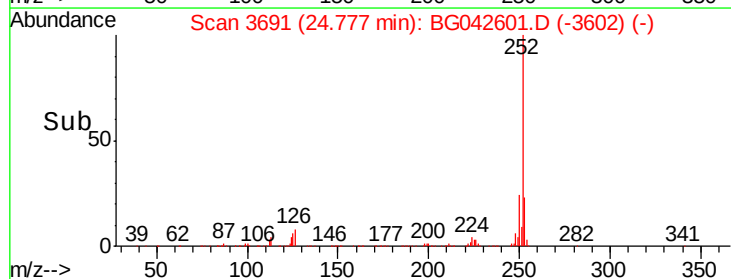
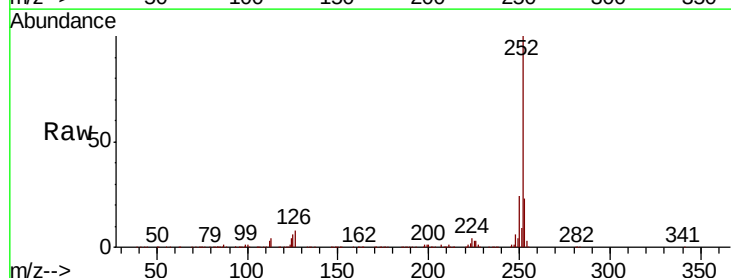
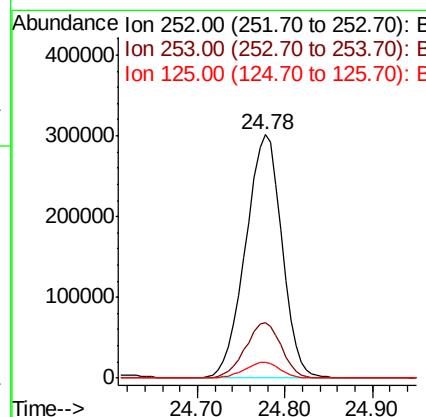
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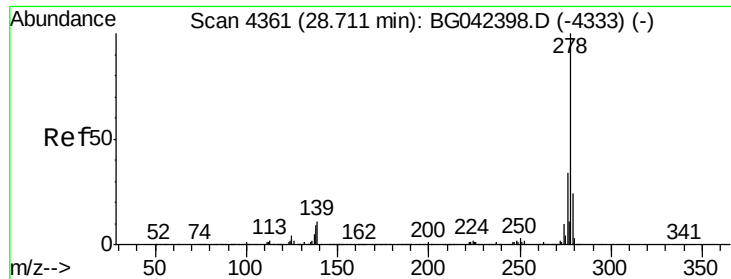
mohammad  
8/31/2019 2:42:43 PM



#90  
Benzo(a)pyrene  
Concen: 52.206 ng  
RT: 24.78 min Scan# 3691  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 850114 |       |       |
| 253     | 22.9  |        | 18.4  | 27.6  |
| 125     | 6.5   |        | 6.0   | 9.0   |





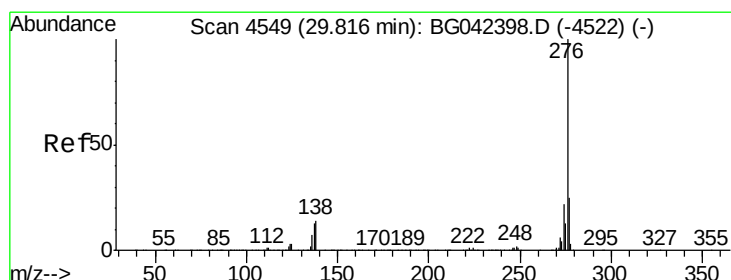
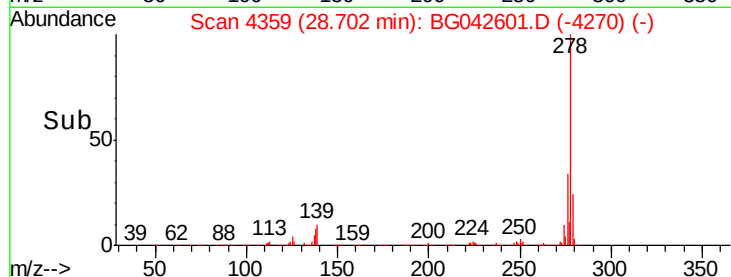
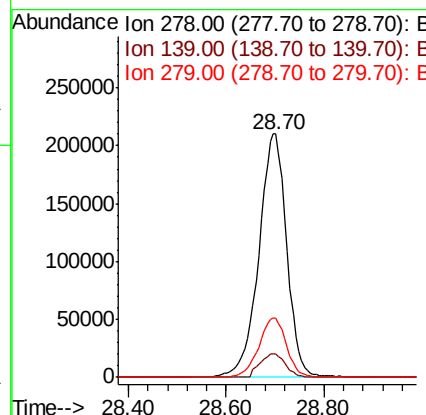
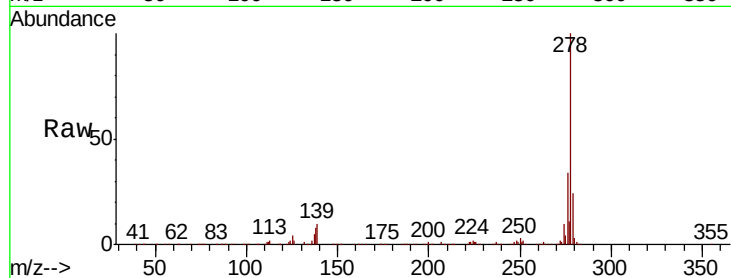
#91  
Dibenzo(a,h)anthracene  
Concen: 50.657 ng  
RT: 28.70 min Scan# 4359  
Delta R.T. -0.01 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
S704-N-2.0-2.5-082119MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.6   | 8.8   | 13.2  |
| 279     | 24.1  | 19.1  | 28.7  |

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#92  
Benzo(g,h,i)perylene  
Concen: 51.139 ng  
RT: 29.80 min Scan# 4546  
Delta R.T. -0.02 min  
Lab File: BG042601.D  
Acq: 30 Aug 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 19.8  | 29.8  |
| 138     | 12.4  | 11.4  | 17.0  |

