

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\  
 Data File : BG041235.D  
 Acq On : 14 Jun 2019 00:36  
 Operator : HP/JU  
 Sample : K3159-02MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

Manual Integrations  
 APPROVED

mohammad  
 6/17/2019 4:54:01 PM

Quant Time: Jun 14 09:14:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 09 23:08:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 37370    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.92 | 136  | 149804   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.74 | 164  | 108815   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.48 | 188  | 277258   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 277435   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.08 | 264  | 266202   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.64  | 112 | 273497  | 131.97 | ng | 0.00 |
| 7) Phenol-d6                | 7.26  | 99  | 361349  | 112.90 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.28  | 82  | 317677  | 94.14  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330 | 238706  | 147.77 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.35 | 172 | 741825  | 98.18  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.07 | 244 | 1327293 | 101.54 | ng | 0.00 |

|                                |       |     |        |        |        |      |
|--------------------------------|-------|-----|--------|--------|--------|------|
| Target Compounds               |       |     |        |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.51  | 88  | 31843  | 33.861 | ng     | # 7  |
| 3) Pyridine                    | 3.92  | 79  | 67774  | 24.356 | ng     | 96   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 51614  | 39.965 | ng     | # 85 |
| 6) Aniline                     | 7.43  | 93  | 31773  | 7.437  | ng     | 99   |
| 8) 2-Chlorophenol              | 7.66  | 128 | 108287 | 43.828 | ng     | 97   |
| 9) Benzaldehyde                | 7.24  | 77  | 27586  | 14.448 | ng     | 88   |
| 10) Phenol                     | 7.29  | 94  | 125326 | 36.520 | ng     | 96   |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 102534 | 41.186 | ng     | 99   |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 123258 | 41.769 | ng     | 98   |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146 | 124698 | 41.747 | ng     | 95   |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146 | 121716 | 41.968 | ng     | 98   |
| 15) Benzyl Alcohol             | 8.34  | 79  | 123613 | 41.751 | ng     | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45  | 165596 | 40.706 | ng     | 98   |
| 17) 2-Methylphenol             | 8.54  | 107 | 102700 | 41.333 | ng     | 97   |
| 18) Hexachloroethane           | 9.18  | 117 | 48781  | 42.373 | ng     | 95   |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 99937  | 40.574 | ng     | 95   |
| 20) 3+4-Methylphenols          | 8.87  | 107 | 133280 | 38.724 | ng     | 96   |
| 22) Acetophenone               | 8.94  | 105 | 193050 | 45.940 | ng     | 98   |
| 24) Nitrobenzene               | 9.32  | 77  | 162300 | 47.196 | ng     | 98   |
| 25) Isophorone                 | 9.84  | 82  | 287306 | 44.739 | ng     | 99   |
| 26) 2-Nitrophenol              | 10.04 | 139 | 68922  | 48.616 | ng     | 89   |
| 27) 2,4-Dimethylphenol         | 10.08 | 122 | 116897 | 49.927 | ng     | 94   |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93  | 150408 | 43.395 | ng     | 100  |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 132897 | 44.698 | ng     | 96   |
| 30) 1,2,4-Trichlorobenzene     | 10.78 | 180 | 153325 | 45.331 | ng     | 96   |
| 31) Naphthalene                | 10.98 | 128 | 375441 | 46.679 | ng     | 98   |
| 32) Benzoic acid               | 10.21 | 122 | 42382m | 27.467 | ng     |      |
| 33) 4-Chloroaniline            | 11.10 | 127 | 10070  | 2.698  | ng     | # 94 |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 113131 | 43.714 | ng     | 93   |
| 35) Caprolactam                | 11.89 | 113 | 30012m | 30.567 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 147315 | 43.384 | ng     | 96   |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 284665 | 45.953 | ng     | 99   |
| 38) 1-Methylnaphthalene        | 12.79 | 142 | 269493 | 46.166 | ng     | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 210898 | 48.086 | ng     | 99   |

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Instrument :  
 BNA\_G  
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 OR-03-061119-AMS

Manual Integrations  
 APPROVED

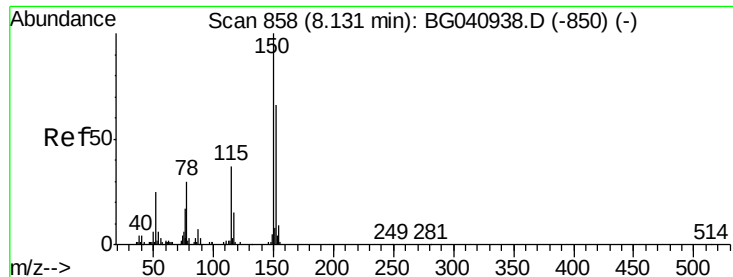
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 6/17/2019 4:54:01 PM

Quant Time: Jun 14 09:14:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 09 23:08:34 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.90 | 237  | 217669   | 91.058 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.17 | 196  | 131366   | 46.300 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.25 | 196  | 137346   | 45.900 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.57 | 154  | 386531   | 47.988 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 318392   | 46.045 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 114016   | 45.962 | ng    | 99       |
| 49) Acenaphthylene             | 14.46 | 152  | 493758   | 47.444 | ng    | 99       |
| 50) Dimethylphthalate          | 14.18 | 163  | 424785   | 46.116 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 93857    | 47.259 | ng    | 98       |
| 52) Acenaphthene               | 14.80 | 154  | 293549   | 46.561 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.65 | 138  | 27011    | 13.601 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.85 | 184  | 37394    | 45.919 | ng    | # 86     |
| 55) Dibenzofuran               | 15.13 | 168  | 511589   | 48.224 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.95 | 139  | 97587    | 71.640 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 131523   | 46.882 | ng    | # 96     |
| 58) Fluorene                   | 15.78 | 166  | 400926   | 47.456 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.35 | 232  | 139549   | 47.455 | ng    | 98       |
| 60) Diethylphthalate           | 15.53 | 149  | 426609   | 45.382 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204  | 253050   | 46.081 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.82 | 138  | 83610    | 39.767 | ng    | 94       |
| 63) Azobenzene                 | 16.06 | 77   | 399873   | 46.802 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 48128    | 35.187 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 358352   | 45.978 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.66 | 248  | 167626   | 44.799 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 173458   | 43.535 | ng    | 98       |
| 69) Atrazine                   | 16.92 | 200  | 150751   | 50.127 | ng    | 97       |
| 70) Pentachlorophenol          | 17.12 | 266  | 158624   | 74.620 | ng    | 94       |
| 71) Phenanthrene               | 17.52 | 178  | 696105   | 48.200 | ng    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 697516   | 48.970 | ng    | 99       |
| 73) Carbazole                  | 17.88 | 167  | 602703   | 49.314 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 711828   | 46.862 | ng    | 99       |
| 75) Fluoranthene               | 19.52 | 202  | 889793   | 49.881 | ng    | 99       |
| 77) Benzidine                  | 19.72 | 184  | 14441    | 2.182  | ng    | 98       |
| 78) Pyrene                     | 19.89 | 202  | 900622   | 49.937 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 333653   | 47.539 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.73 | 228  | 859481   | 46.539 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 71170    | 10.957 | ng    | 98       |
| 83) Chrysene                   | 21.80 | 228  | 850043   | 48.099 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 460198   | 46.579 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.84 | 149  | 781325   | 47.483 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.90 | 276  | 574551   | 26.539 | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 749766   | 46.436 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.08 | 252  | 934920   | 58.514 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.92 | 252  | 797968   | 51.801 | ng    | 94       |
| 91) Dibenzo(a,h)anthracene     | 28.97 | 278  | 444431   | 28.873 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.11 | 276  | 412687   | 27.597 | ng    | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

ClientSampleId :

OR-03-061119-AMS

Tot Ion:152 Resp: 37370

Ion Ratio Lower Upper

152 100

150 149.9 120.6 180.8

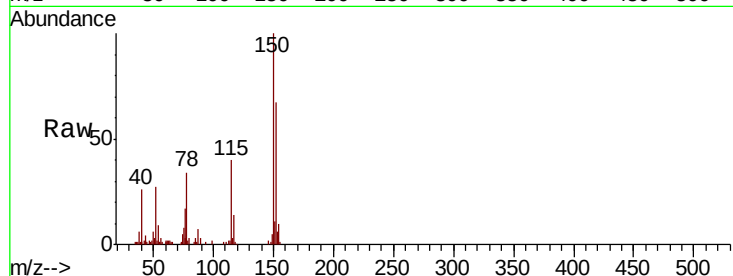
115 60.3 45.1 67.7

Manual Integrations

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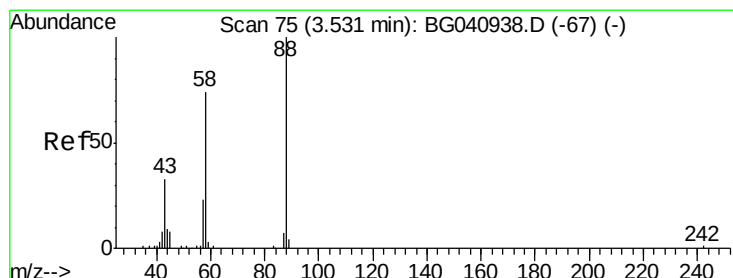
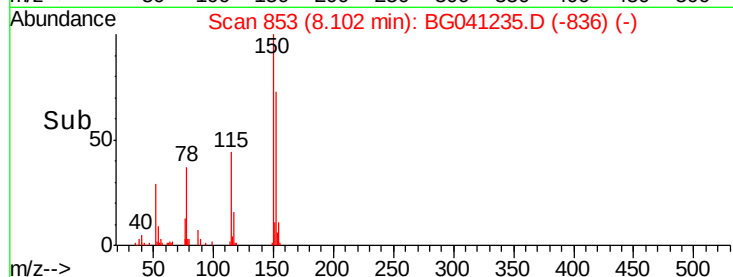
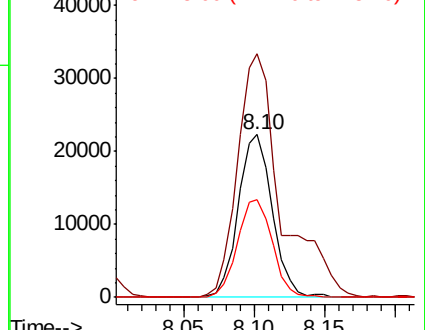
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.861 ng

RT: 3.51 min Scan# 71

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

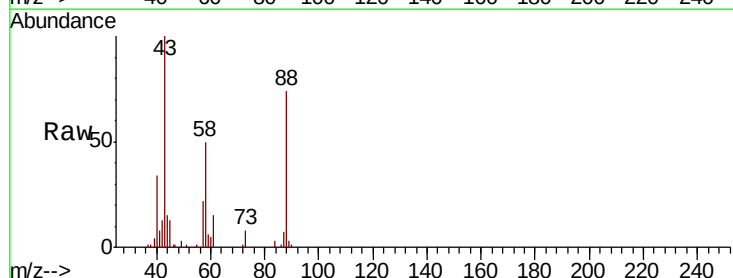
Tgt Ion: 88 Resp: 31843

Ion Ratio Lower Upper

88 100

58 74.3 59.0 88.6

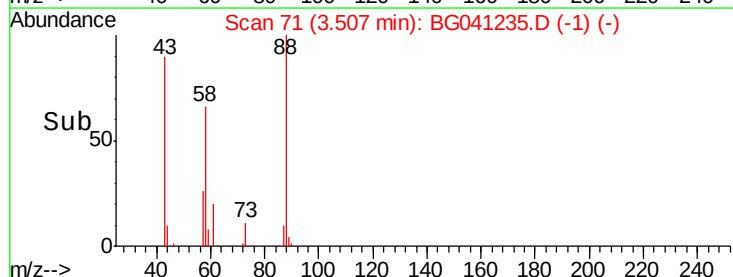
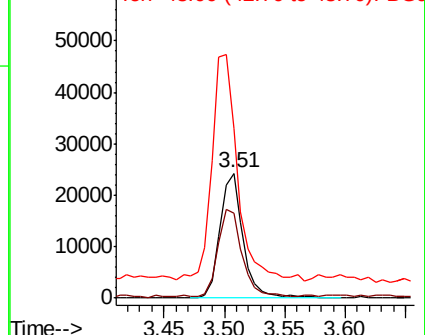
43 201.8 27.2 40.8#

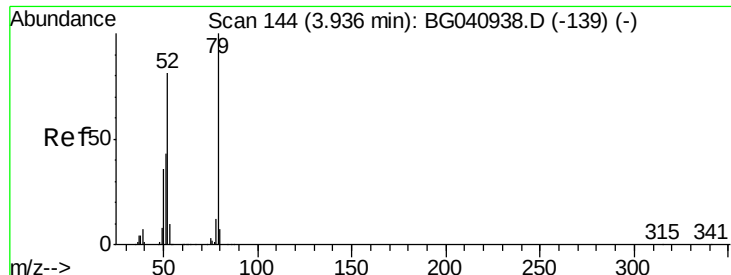


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.356 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

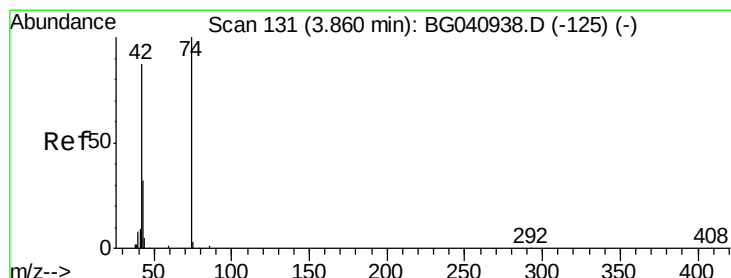
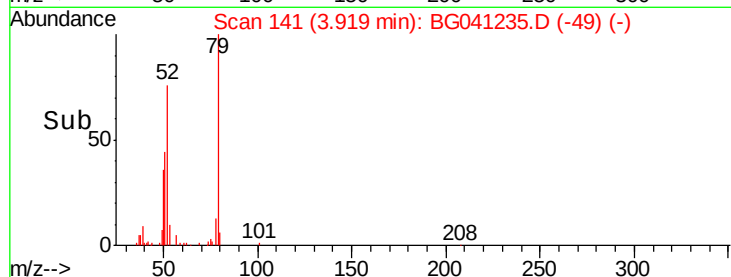
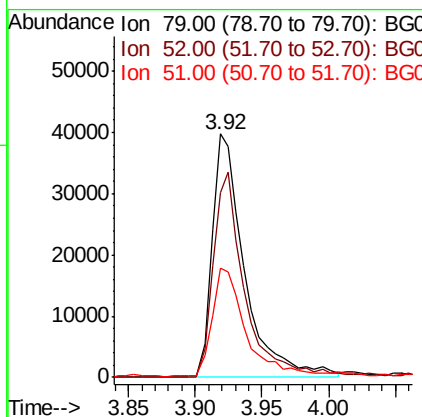
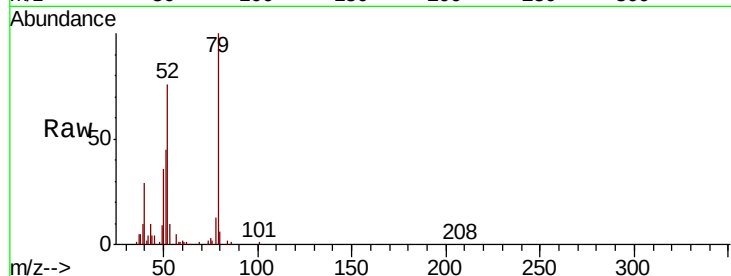
ClientSampleId :

OR-03-061119-AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 67774 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 76.1  | 64.8  | 97.2  |
| 51       | 44.6  | 35.3  | 52.9  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 39.965 ng

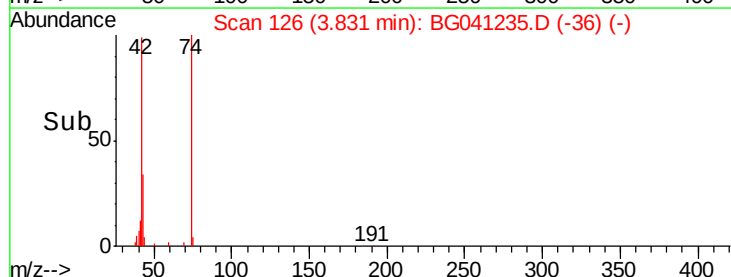
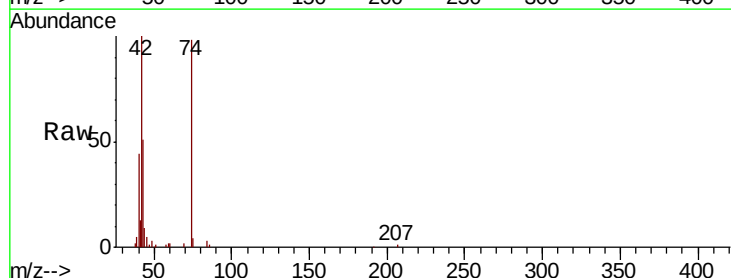
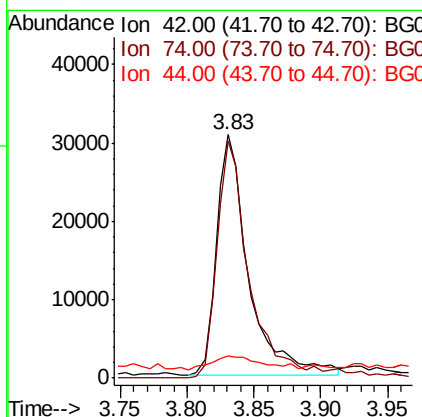
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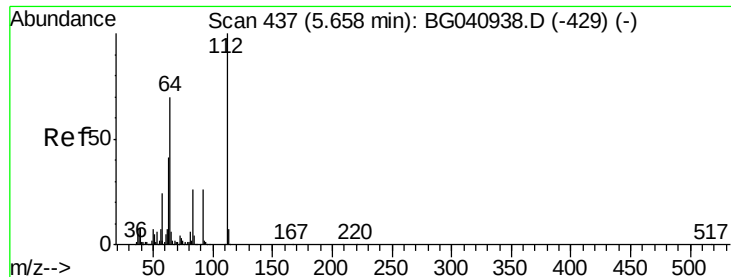
Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 51614 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 97.6  | 91.8  | 137.6 |
| 44       | 9.2   | 6.0   | 9.0#  |





#5

2-Fluorophenol

Concen: 131.970 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

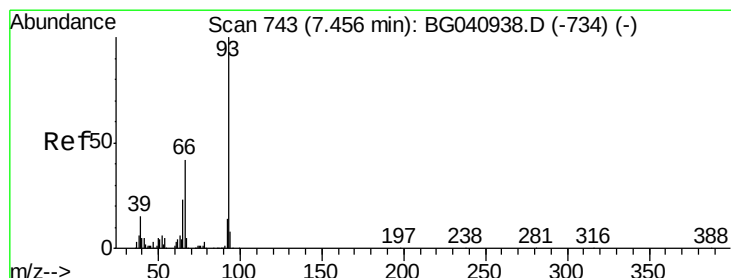
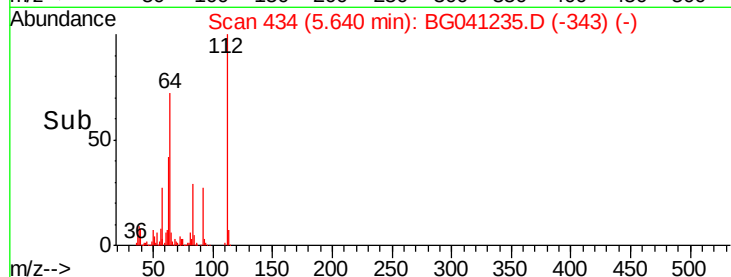
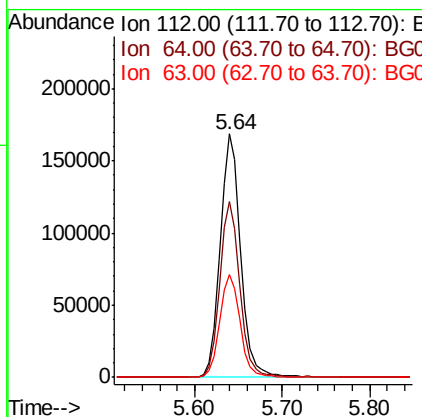
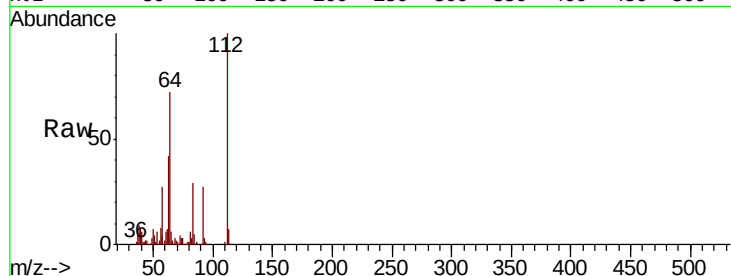
ClientSampleId :

OR-03-061119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 273497 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 72.0  | 56.2  | 84.2   |
| 63        | 42.5  | 32.8  | 49.2   |

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#6

Aniline

Concen: 7.437 ng

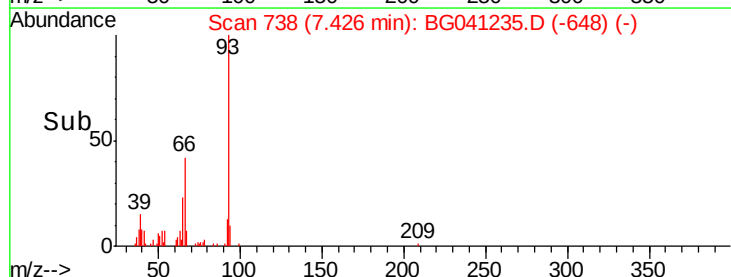
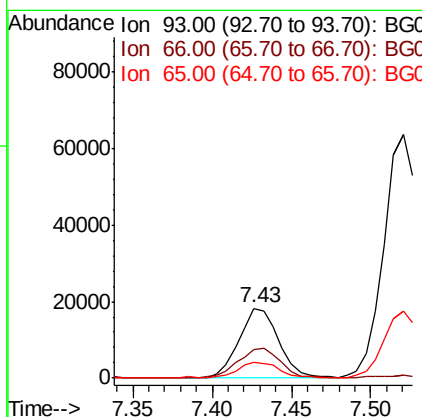
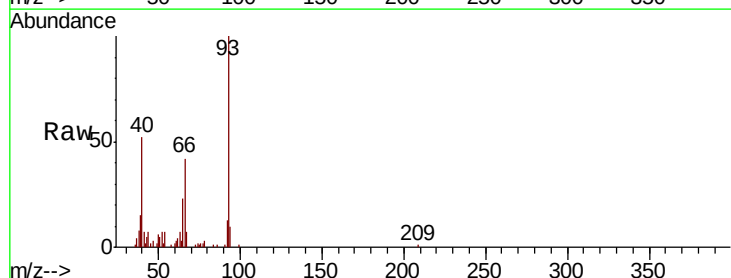
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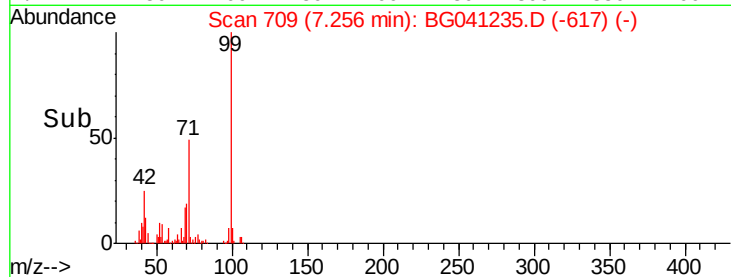
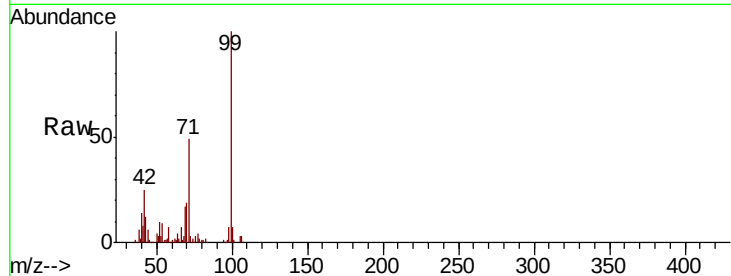
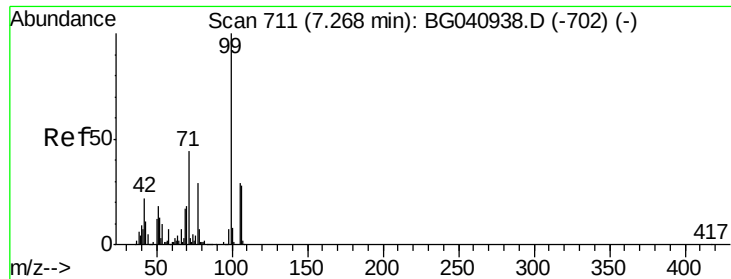
Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 31773 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 41.7  | 33.8  | 50.8  |
| 65        | 23.1  | 18.3  | 27.5  |





#7

Phenol-d6

Concen: 112.899 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 361349 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 24.7  | 17.9  | 26.9   |
| 71       | 48.5  | 35.4  | 53.0   |

Instrument :

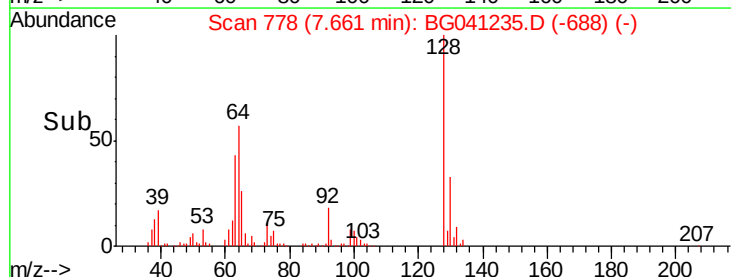
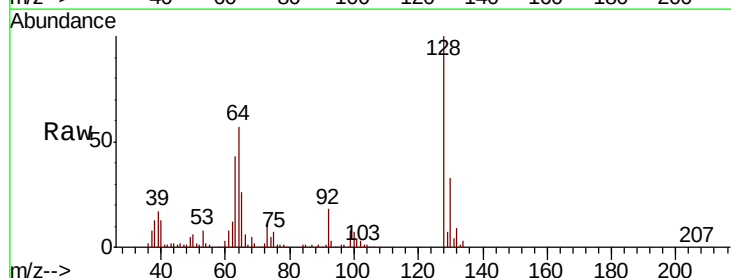
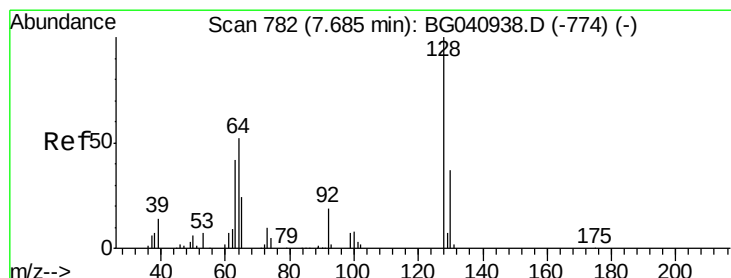
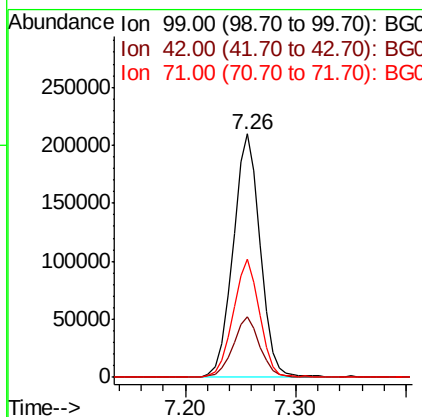
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Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.828 ng

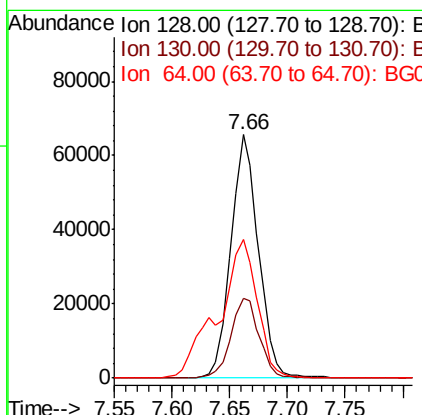
RT: 7.66 min Scan# 778

Delta R.T. -0.00 min

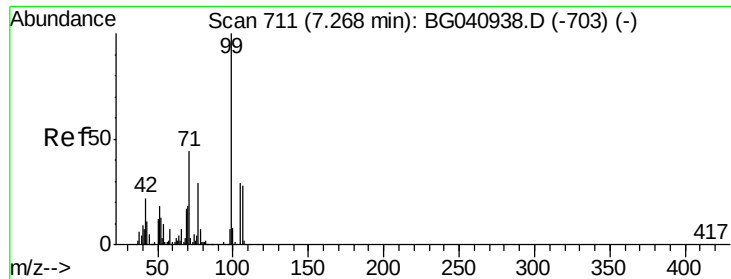
Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 108287 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.5  | 16.6  | 56.6   |
| 64       | 57.0  | 37.8  | 77.8   |







#9

Benzaldehyde

Concen: 14.448 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

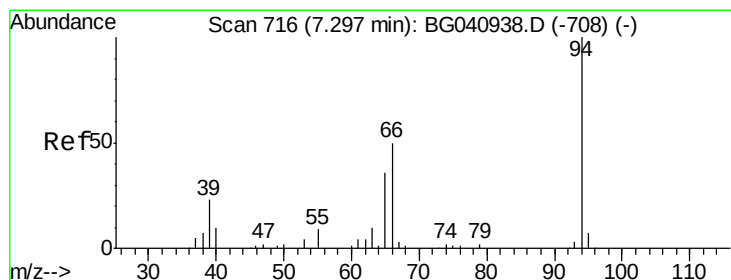
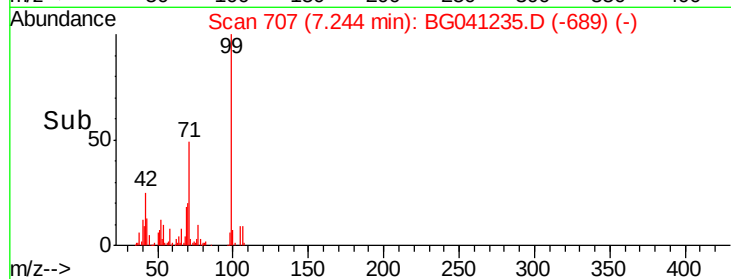
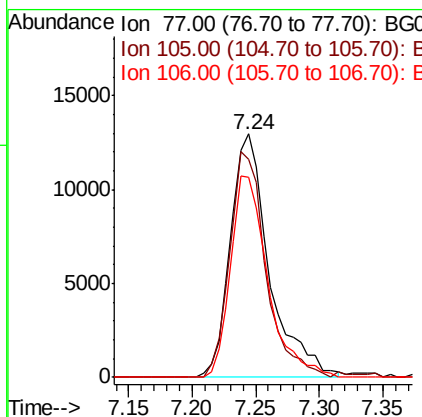
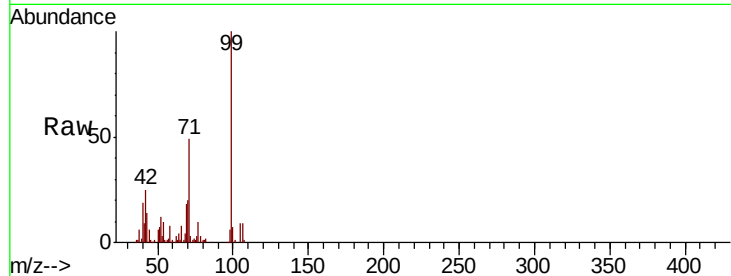
ClientSampleId :

OR-03-061119-AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 27586 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 89.7  | 78.9  | 118.9 |
| 106      | 82.1  | 76.7  | 116.7 |

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#10

Phenol

Concen: 36.520 ng

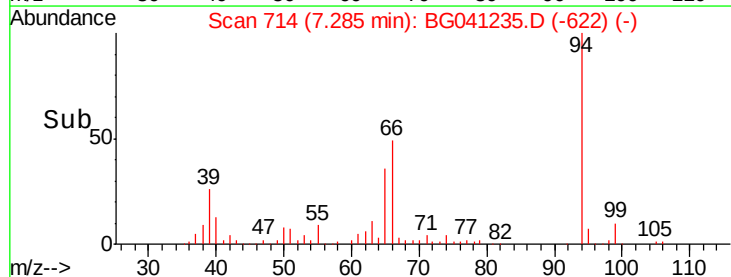
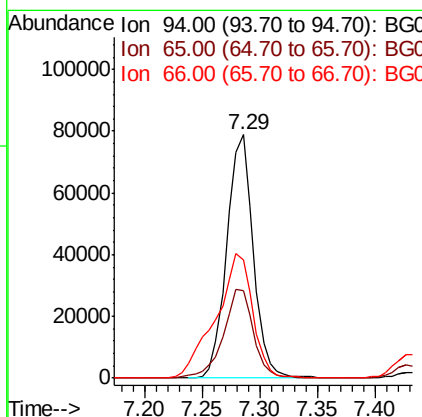
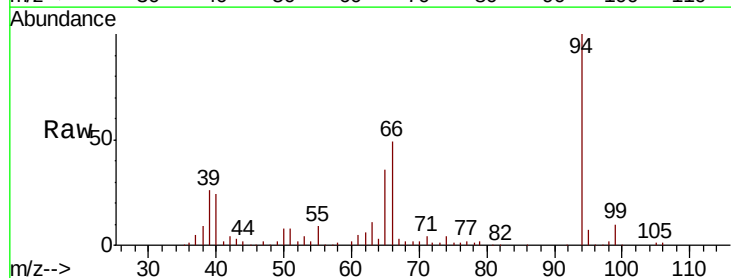
RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

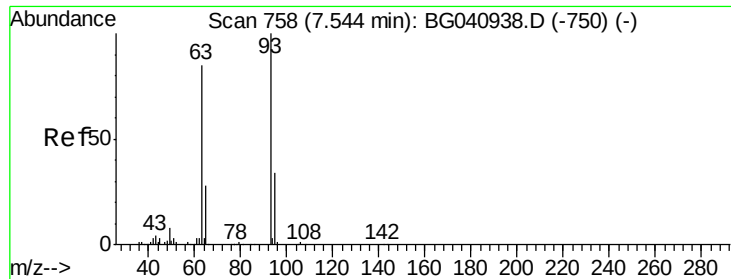
Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 125326 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 35.7  | 17.0  | 57.0   |
| 66       | 48.8  | 32.4  | 72.4   |







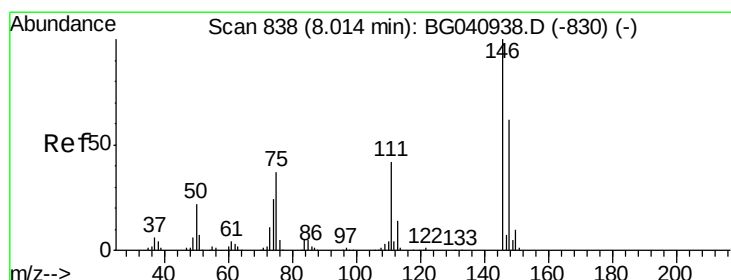
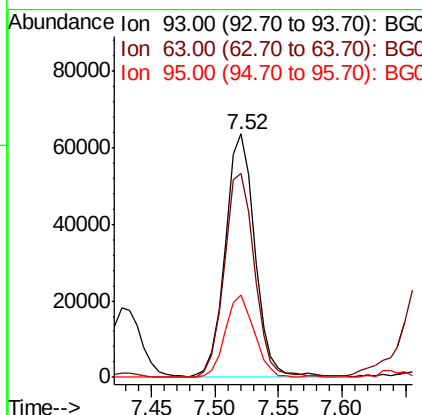
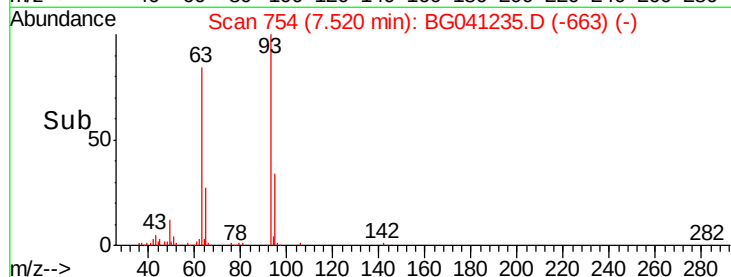
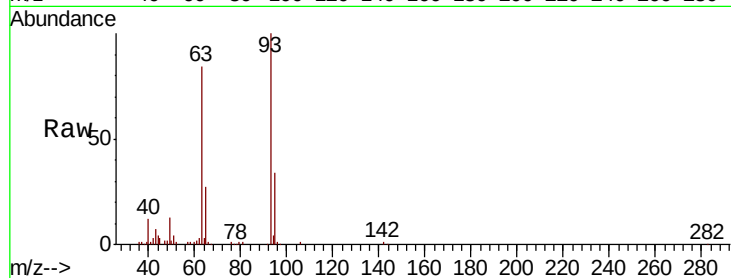
#11  
bis(2-Chloroethyl)ether  
Concen: 41.186 ng  
RT: 7.52 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.7  | 64.5  | 104.5 |
| 95      | 34.0  | 13.3  | 53.3  |

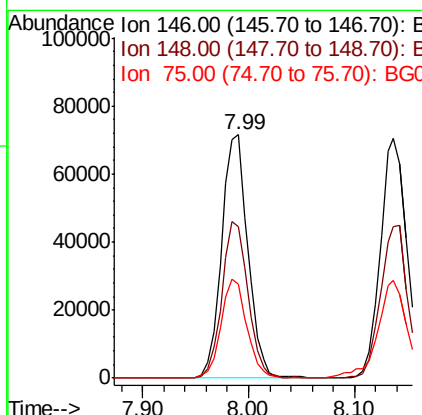
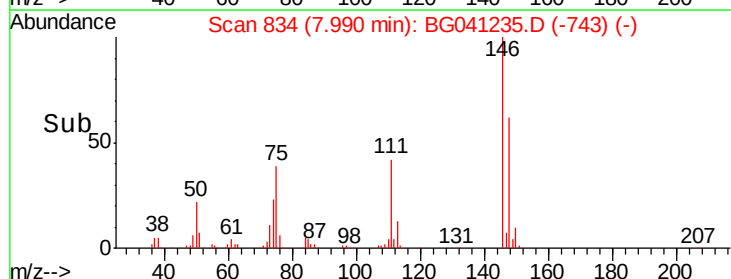
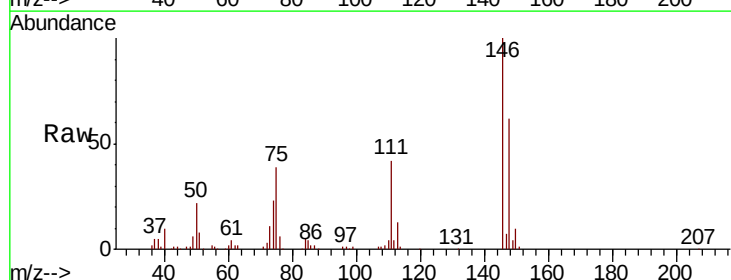
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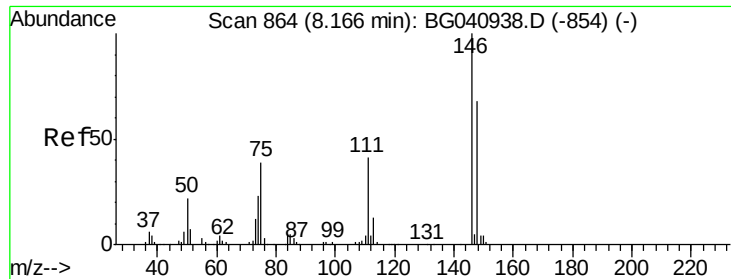
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#12  
1,3-Dichlorobenzene  
Concen: 41.769 ng  
RT: 7.99 min Scan# 834  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 49.2  | 73.8  |
| 75      | 38.6  | 29.4  | 44.0  |





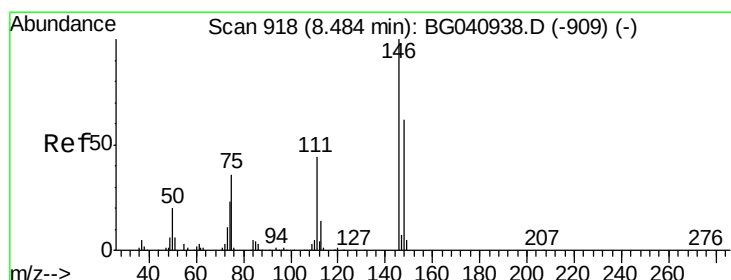
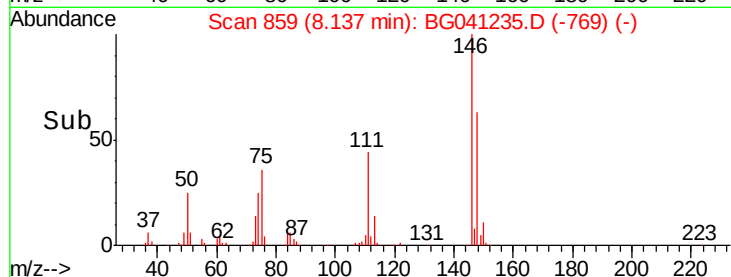
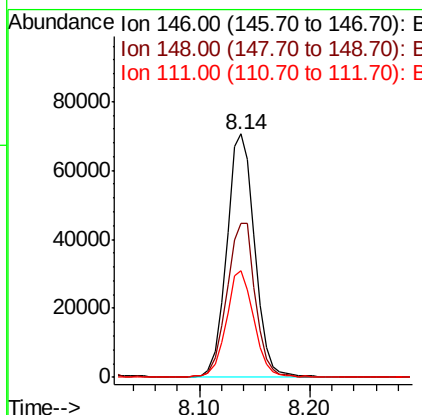
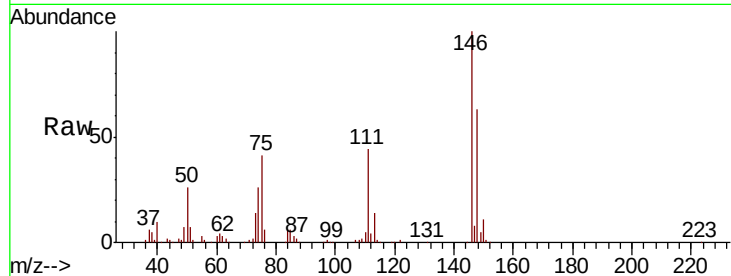
#13  
 1,4-Dichlorobenzene  
 Concen: 41.747 ng  
 RT: 8.14 min Scan# 859  
 Delta R.T. -0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 54.2  | 81.4  |
| 111     | 43.6  | 32.9  | 49.3  |

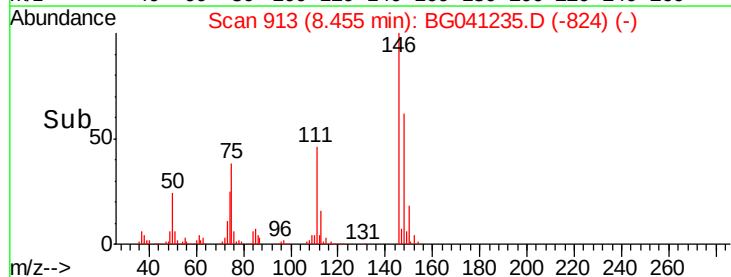
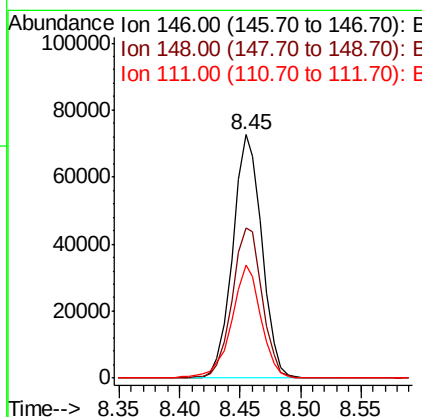
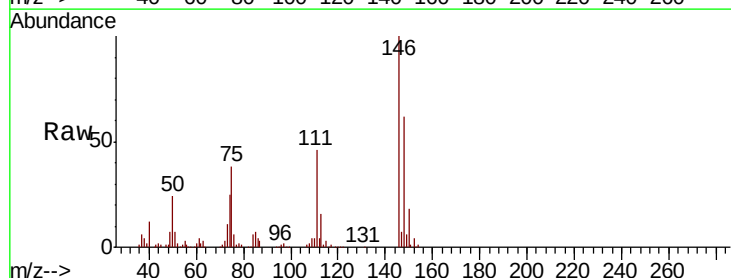
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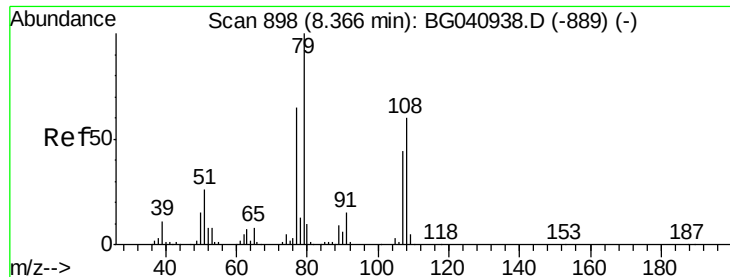
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#14  
 1,2-Dichlorobenzene  
 Concen: 41.968 ng  
 RT: 8.45 min Scan# 913  
 Delta R.T. -0.01 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.7  | 49.8  | 74.6  |
| 111     | 46.2  | 35.0  | 52.4  |





#15

Benzyl Alcohol

Concen: 41.751 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

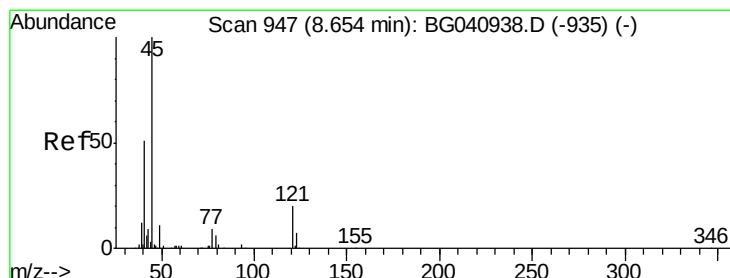
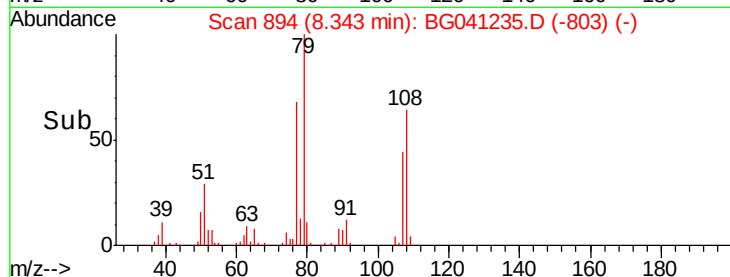
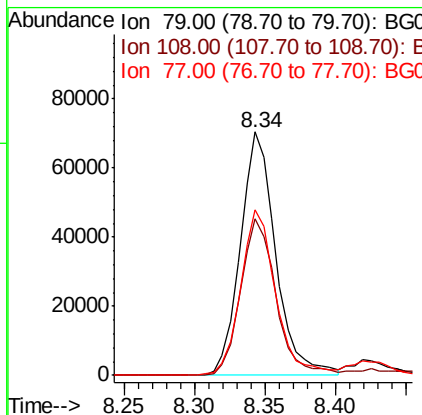
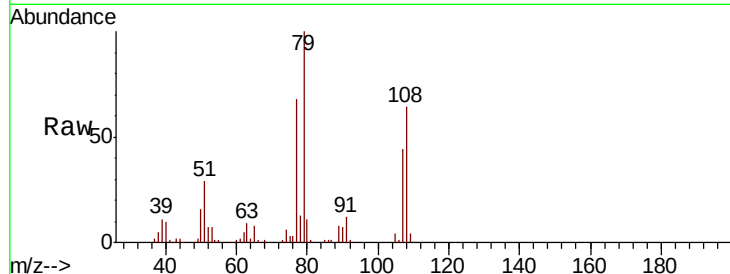
ClientSampleId :

OR-03-061119-AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 123613 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 64.2  | 48.3  | 72.5   |
| 77       | 68.0  | 52.3  | 78.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.706 ng

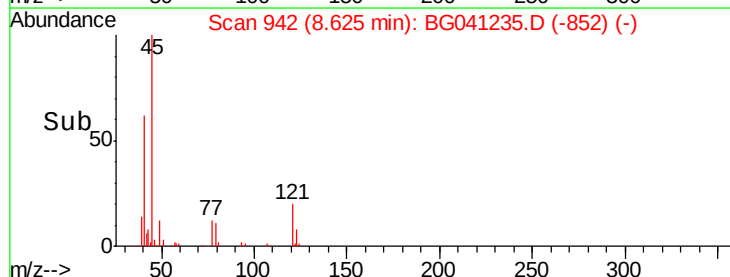
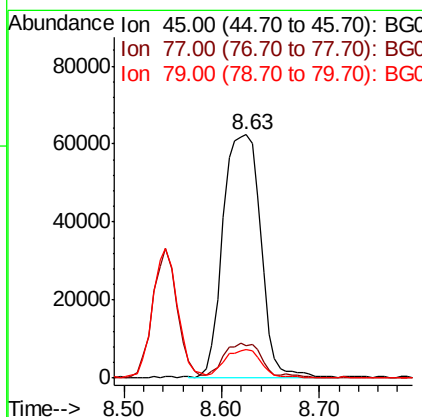
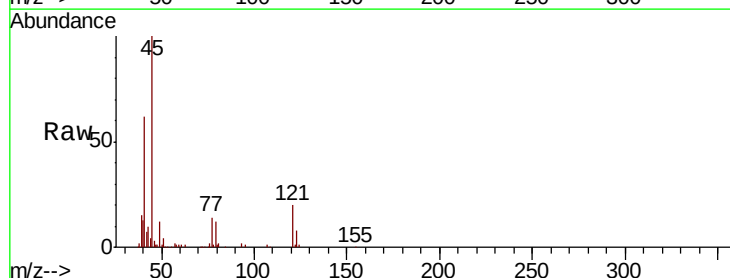
RT: 8.63 min Scan# 942

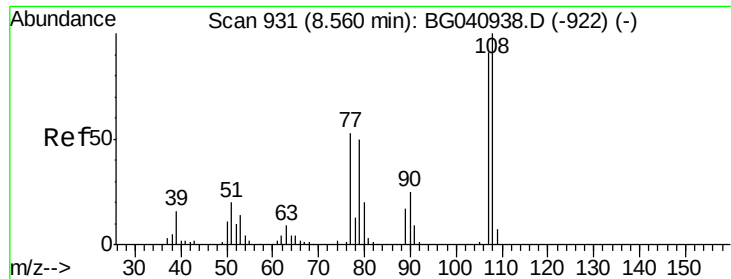
Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 165596 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 13.5  | 0.0   | 33.7   |
| 79       | 11.7  | 0.0   | 30.2   |





#17

2-Methylphenol

Concen: 41.333 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

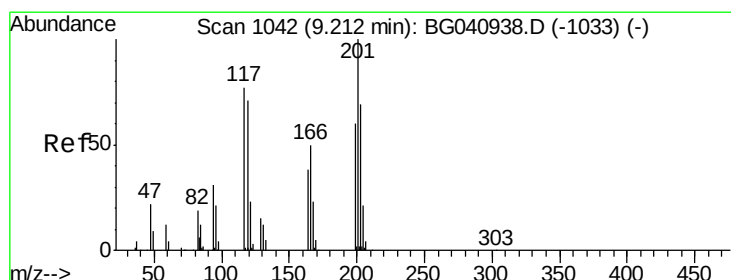
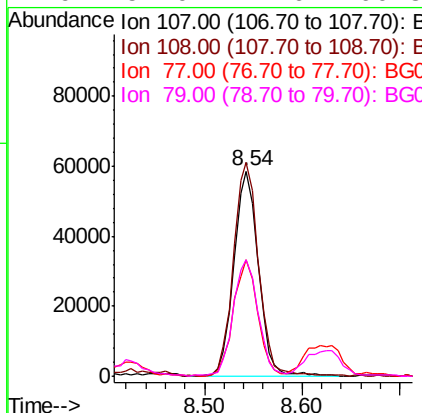
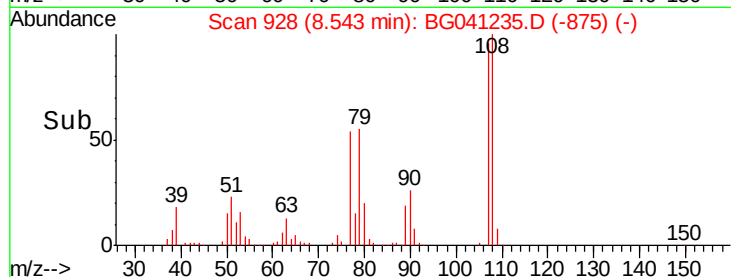
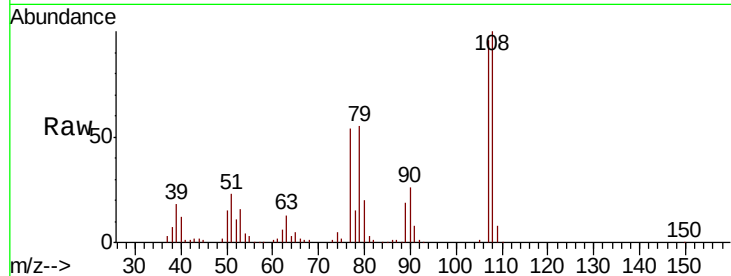
ClientSampleId :

OR-03-061119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 102700 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 104.3 | 87.7  | 131.5  |
| 77        | 56.7  | 46.6  | 70.0   |
| 79        | 57.0  | 44.6  | 66.8   |

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#18

Hexachloroethane

Concen: 42.373 ng

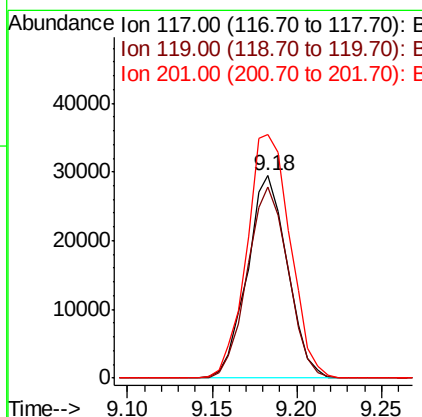
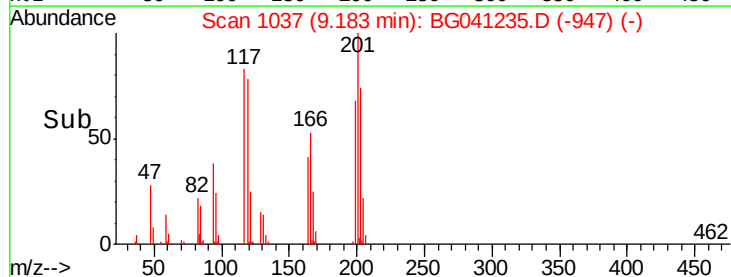
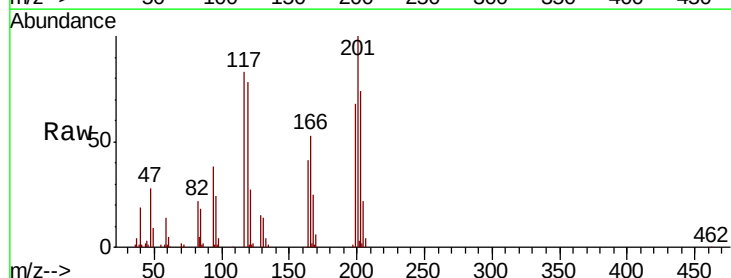
RT: 9.18 min Scan# 1037

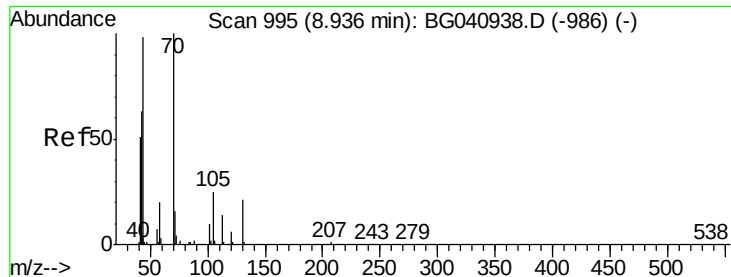
Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 48781 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 94.3  | 75.0  | 112.6 |
| 201       | 120.5 | 103.5 | 155.3 |





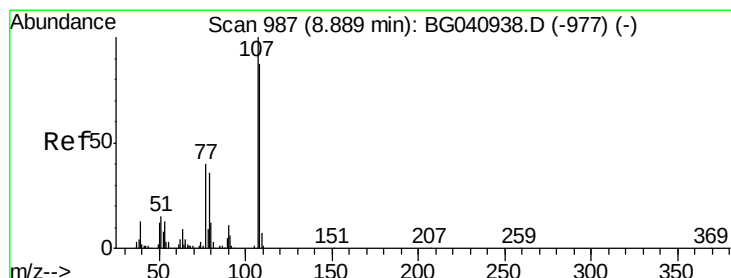
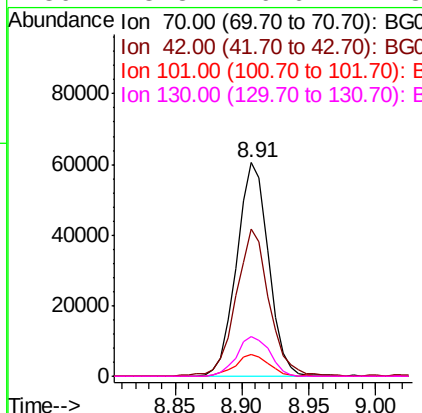
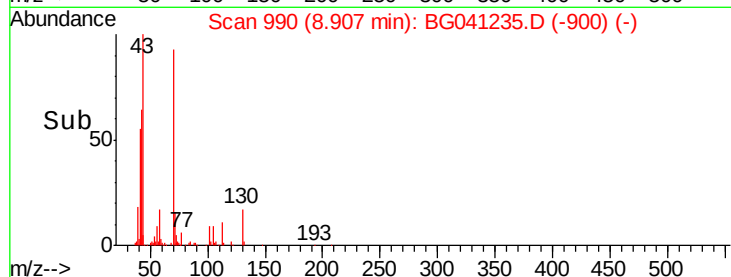
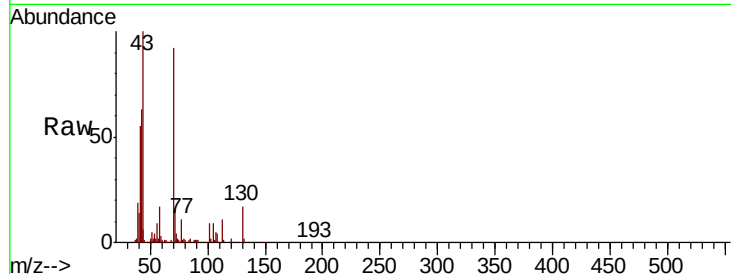
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.574 ng  
RT: 8.91 min Scan# 990  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       | 99937 |       |       |
| 42      | 69.1 | 51.5  | 77.3  |       |       |
| 101     | 10.1 | 8.1   | 12.1  |       |       |
| 130     | 18.8 | 16.6  | 24.8  |       |       |

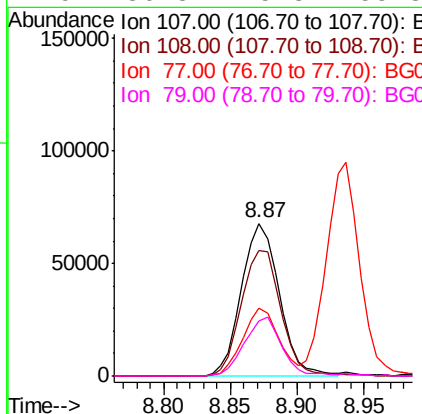
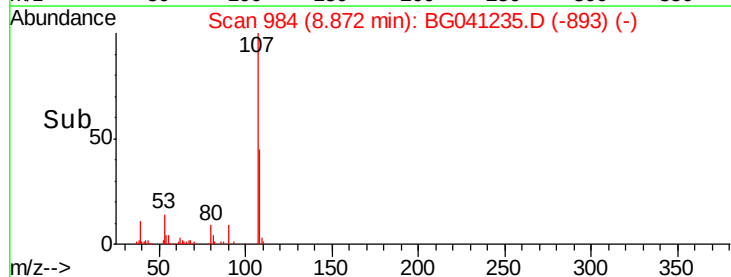
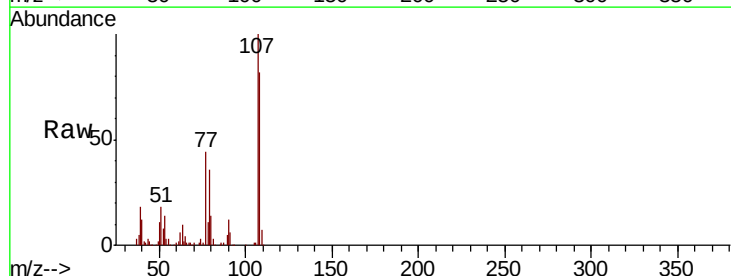
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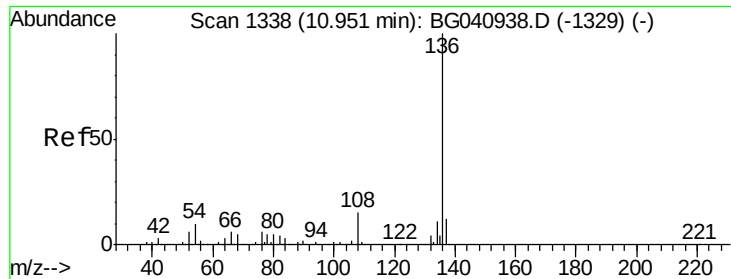
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#20  
3+4-Methylphenols  
Concen: 38.724 ng  
RT: 8.87 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 133280 |       |       |
| 108     | 82.0 | 66.8  | 106.8  |       |       |
| 77      | 44.1 | 20.5  | 60.5   |       |       |
| 79      | 36.3 | 15.8  | 55.8   |       |       |





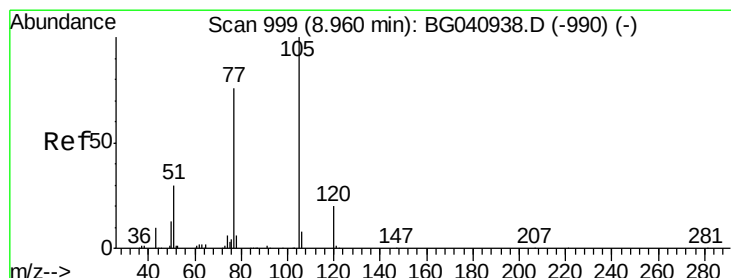
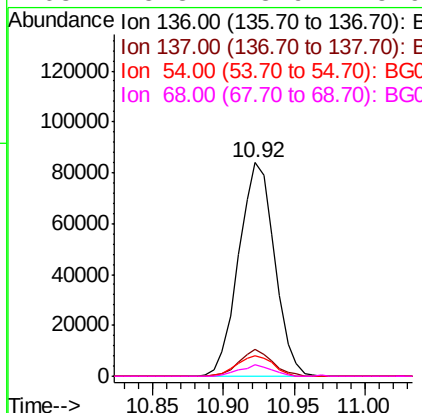
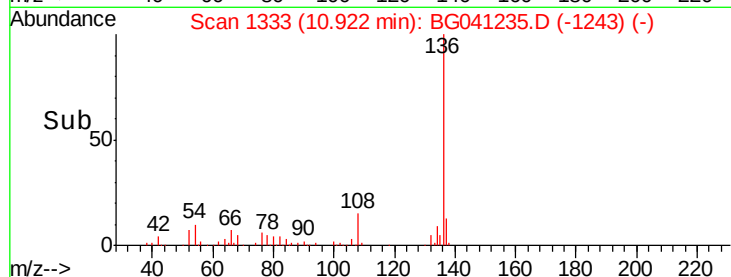
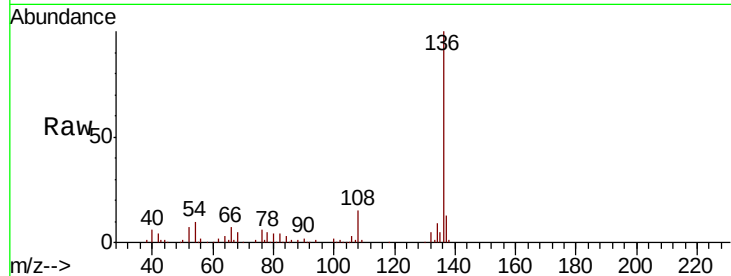
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 149804 |       |       |
| 137     | 12.5 | 9.5   | 14.3   |       |       |
| 54      | 9.7  | 7.6   | 11.4   |       |       |
| 68      | 5.3  | 3.9   | 5.9    |       |       |

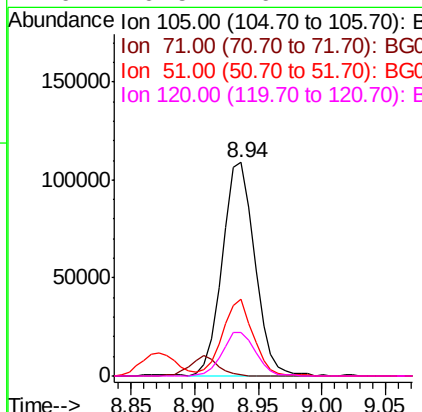
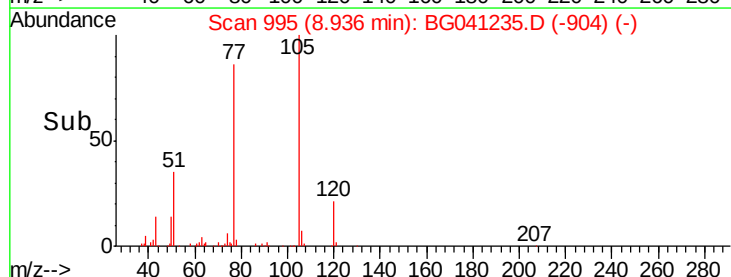
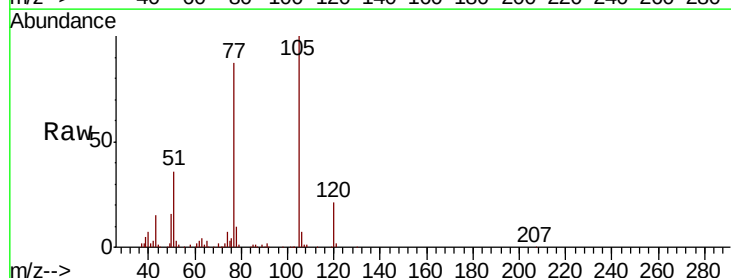
Manual Integrations  
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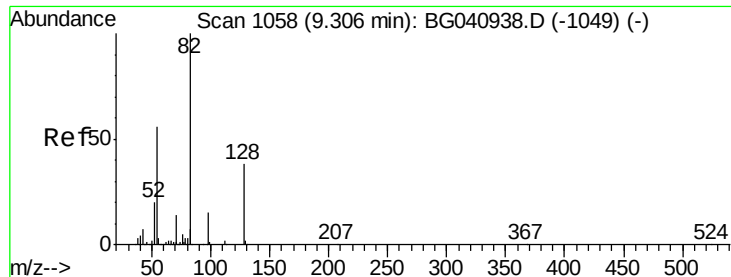
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#22  
Acetophenone  
Concen: 45.940 ng  
RT: 8.94 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 193050 |       |       |
| 71      | 0.5  | 0.4   | 0.6    |       |       |
| 51      | 35.7 | 27.0  | 40.6   |       |       |
| 120     | 20.5 | 16.2  | 24.4   |       |       |





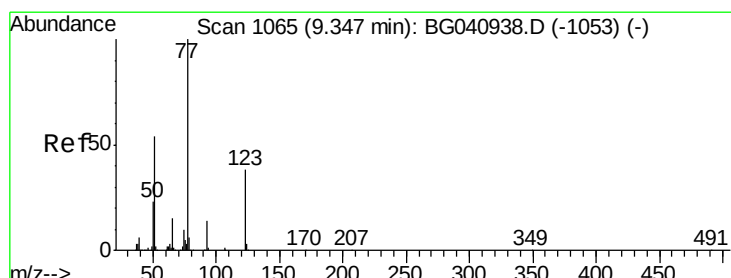
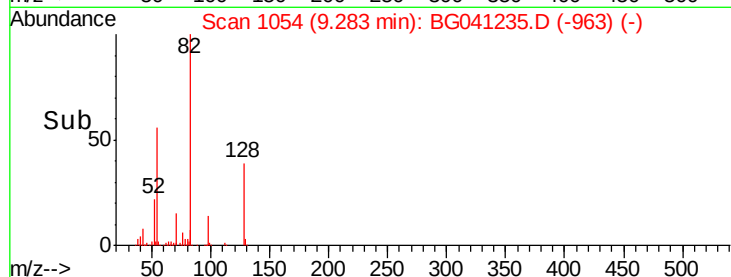
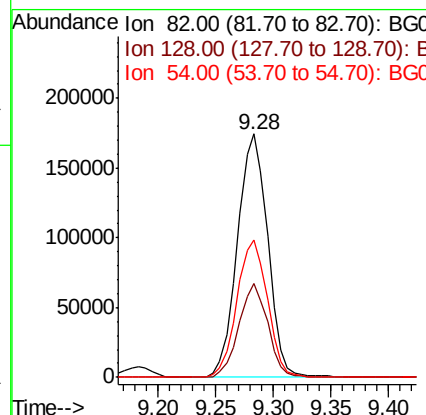
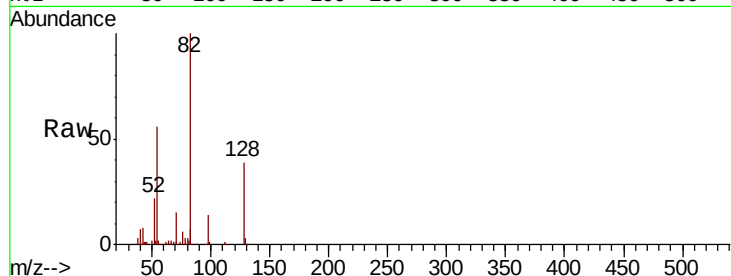
#23  
 Nitrobenzene-d5  
 Concen: 94.142 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. 0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.5  | 30.5  | 45.7  |
| 54      | 56.3  | 44.6  | 66.8  |

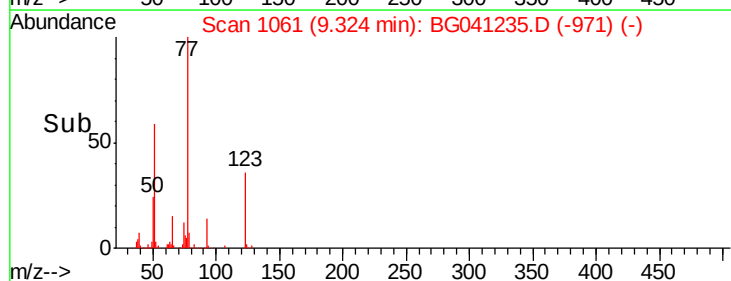
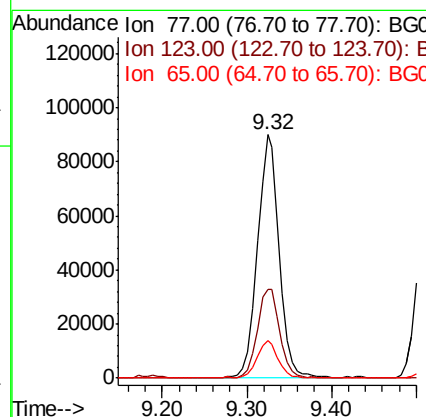
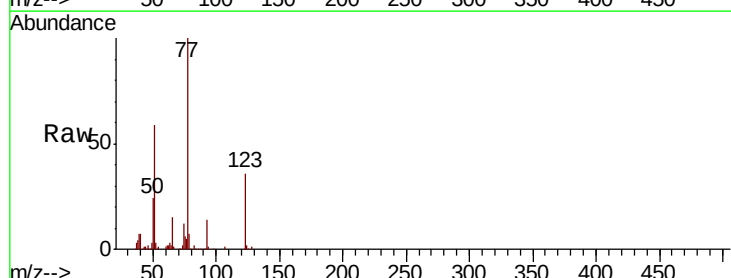
Manual Integrations  
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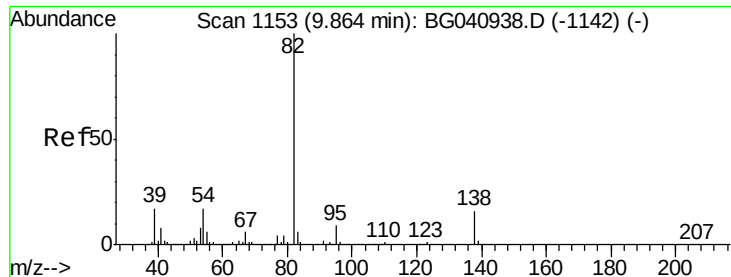


#24  
 Nitrobenzene  
 Concen: 47.196 ng  
 RT: 9.32 min Scan# 1061  
 Delta R.T. -0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.4  | 30.6  | 46.0  |
| 65      | 15.4  | 12.3  | 18.5  |







#25

Isophorone

Concen: 44.739 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

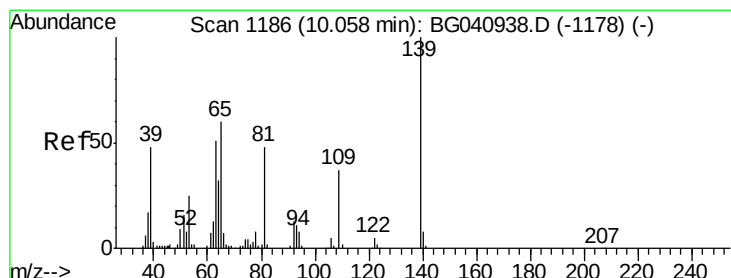
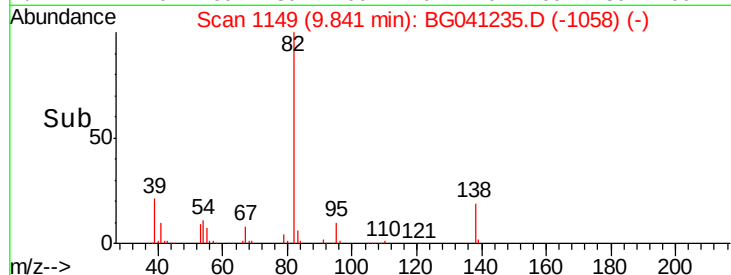
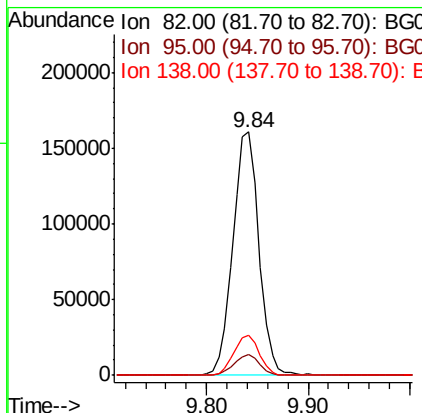
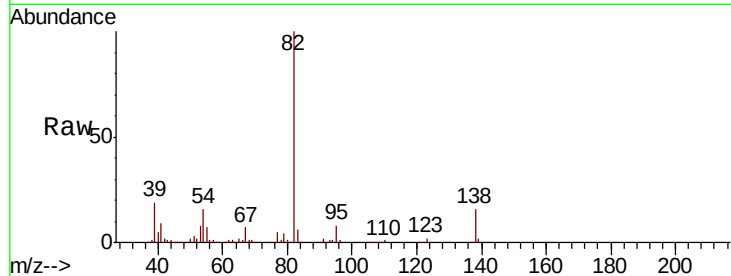
ClientSampleId :

OR-03-061119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 287306 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.4   | 7.0   | 10.4   |
| 138       | 16.4  | 12.6  | 19.0   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 48.616 ng

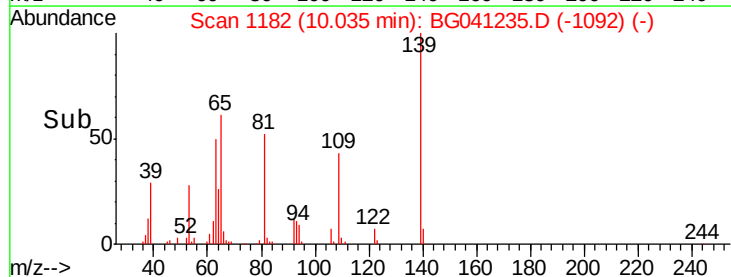
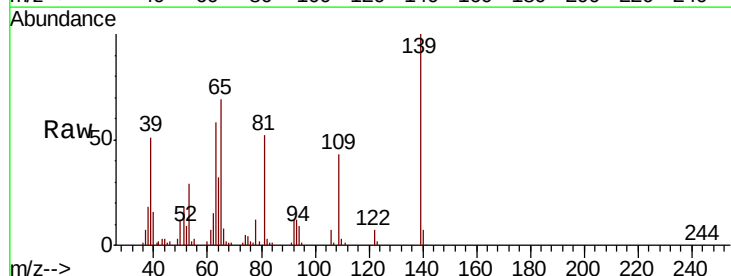
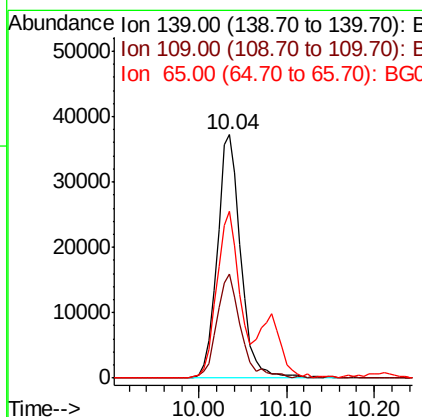
RT: 10.04 min Scan# 1182

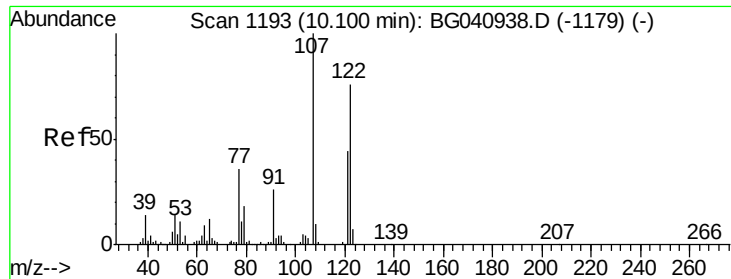
Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 68922 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 42.9  | 29.8  | 44.6  |
| 65        | 68.8  | 47.8  | 71.6  |





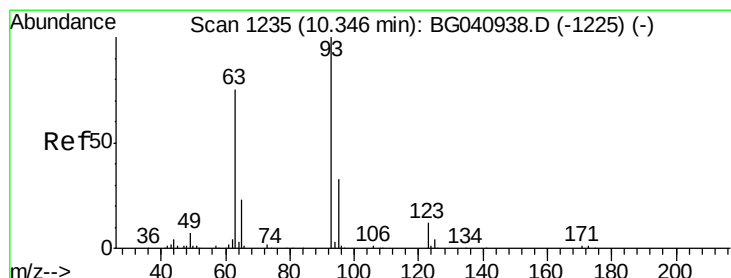
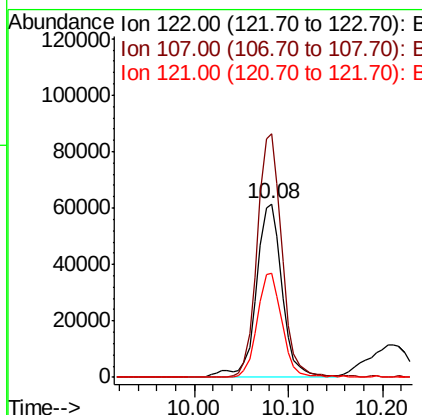
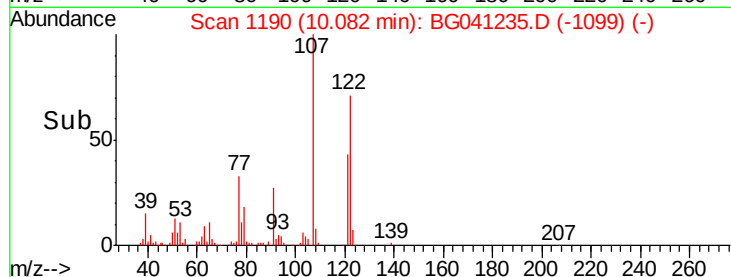
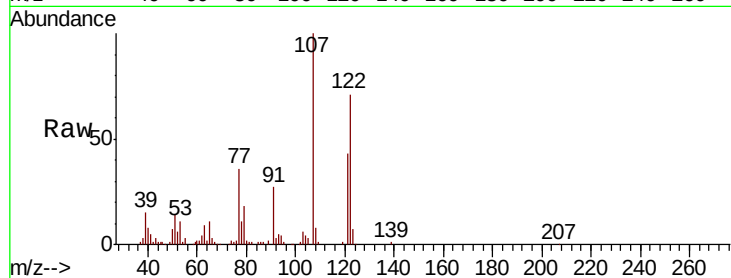
#27  
 2,4-Dimethylphenol  
 Concen: 49.927 ng  
 RT: 10.08 min Scan# 1190  
 Delta R.T. 0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 140.1 | 105.9 | 158.9 |
| 121     | 60.3  | 46.2  | 69.4  |

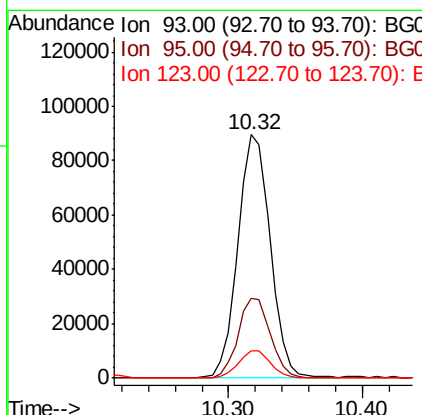
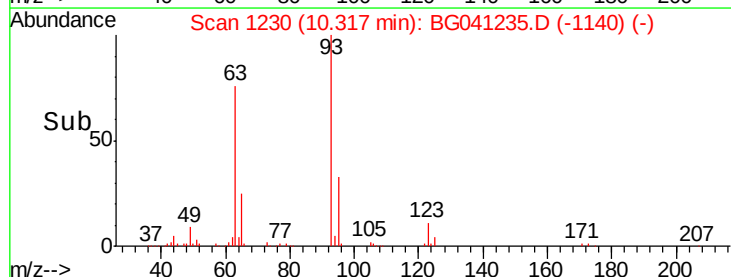
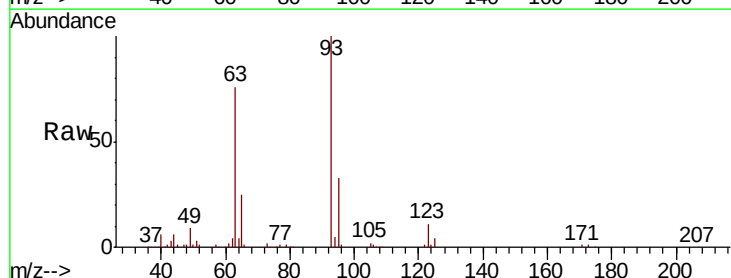
Manual Integrations  
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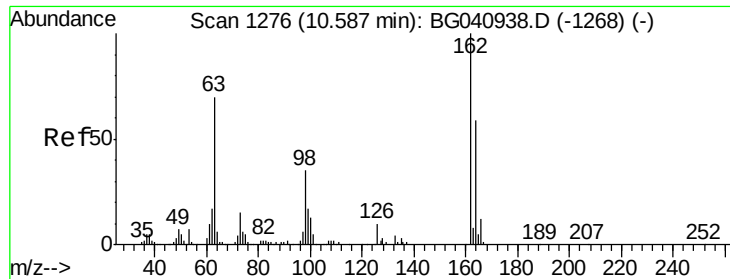
mohammad  
 6/17/2019 4:54:01 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.395 ng  
 RT: 10.32 min Scan# 1230  
 Delta R.T. -0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.2  | 39.2  |
| 123     | 11.5  | 9.5   | 14.3  |





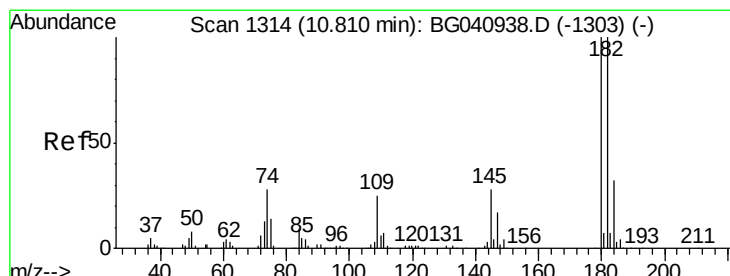
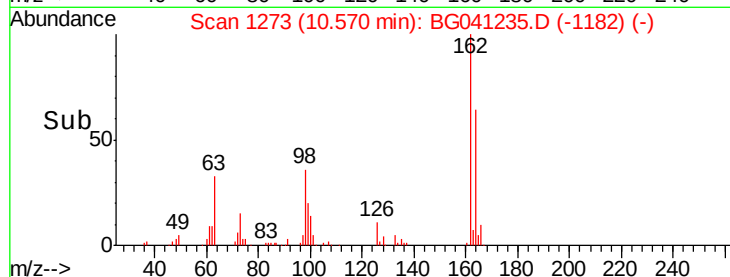
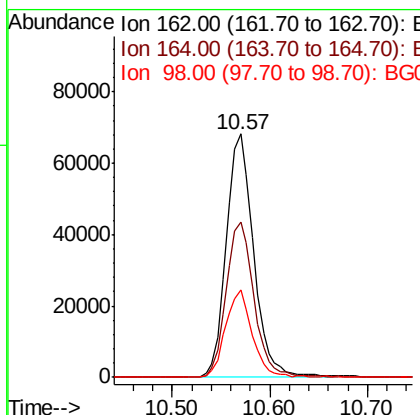
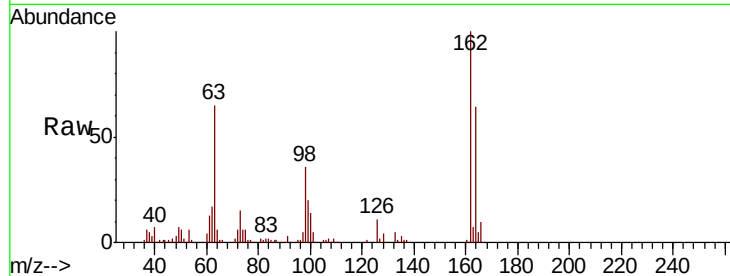
#29  
2,4-Dichlorophenol  
Concen: 44.698 ng  
RT: 10.57 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.0  | 39.4  | 79.4  |
| 98      | 36.0  | 15.3  | 55.3  |

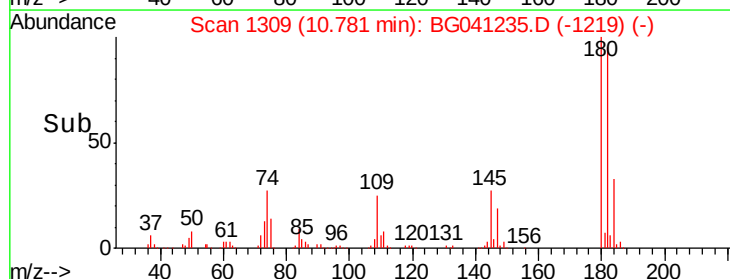
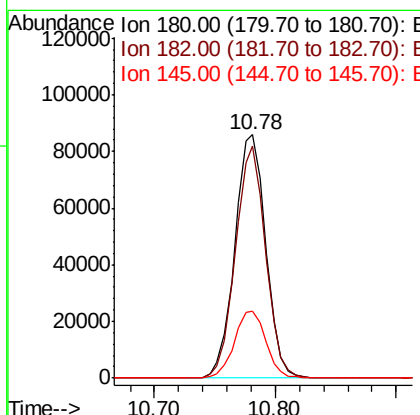
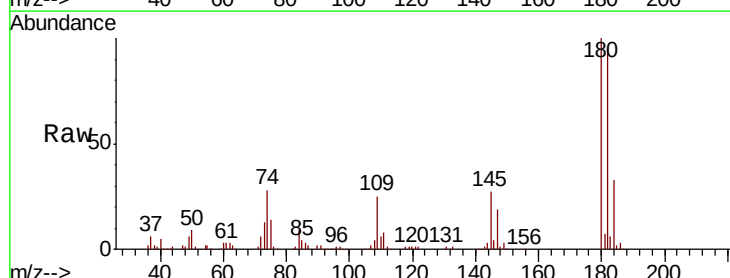
Manual Integrations  
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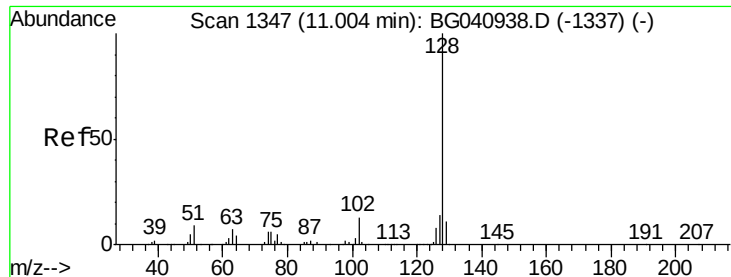
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 45.331 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 79.7  | 119.5 |
| 145     | 27.3  | 22.6  | 34.0  |





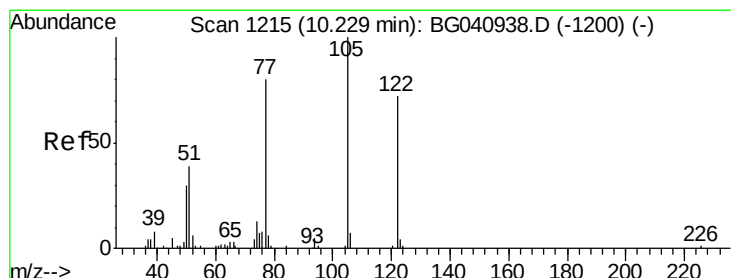
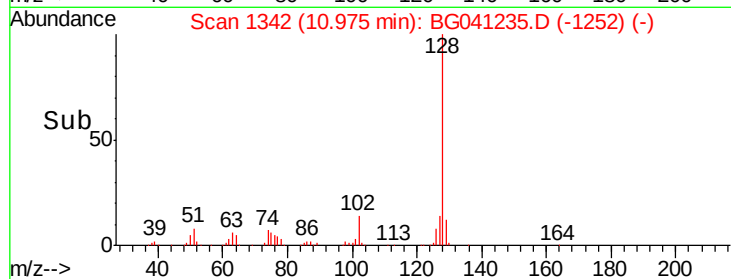
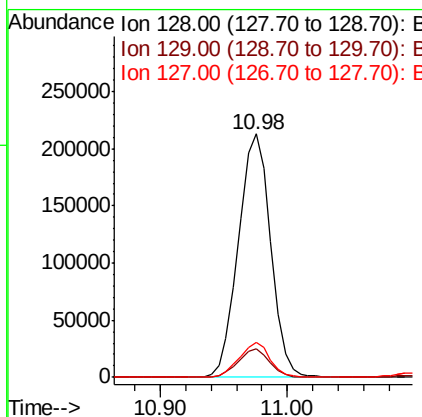
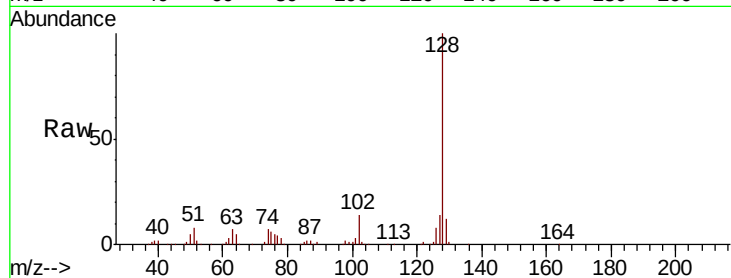
#31  
Naphthalene  
Concen: 46.679 ng  
RT: 10.98 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 8.5   | 12.7  |
| 127     | 14.1  | 11.4  | 17.2  |

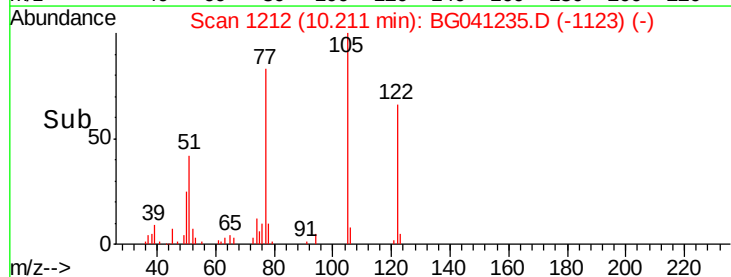
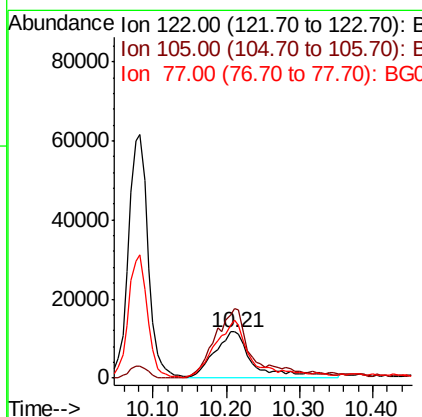
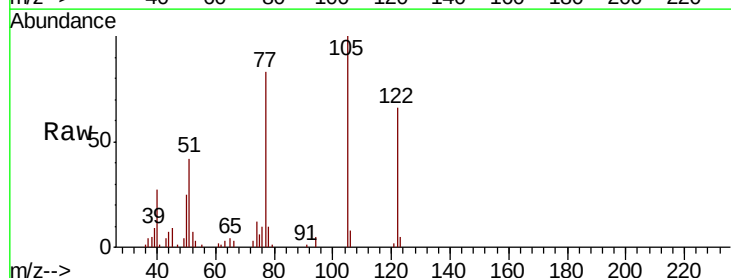
Manual Integrations  
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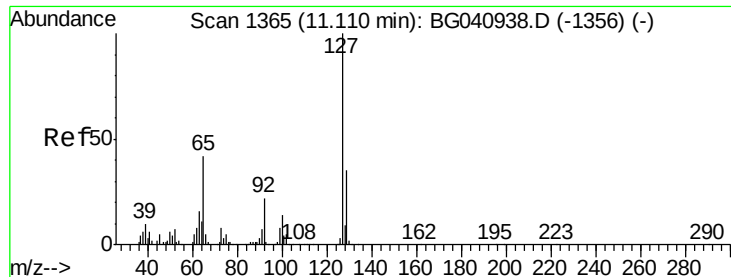
mohammad  
6/17/2019 4:54:01 PM



#32  
Benzoic acid  
Concen: 27.467 ng m  
RT: 10.21 min Scan# 1212  
Delta R.T. -0.01 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 151.1 | 114.8 | 154.8 |
| 77      | 125.6 | 89.9  | 129.9 |





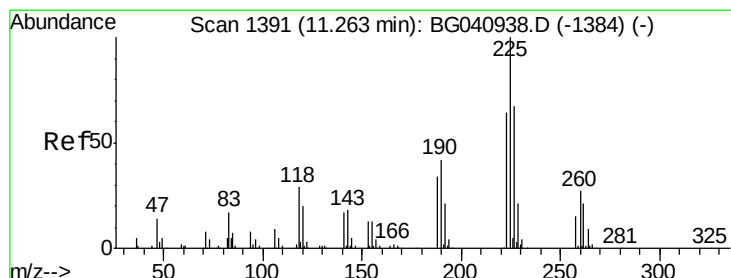
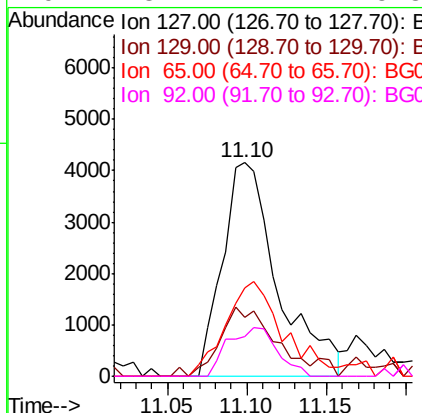
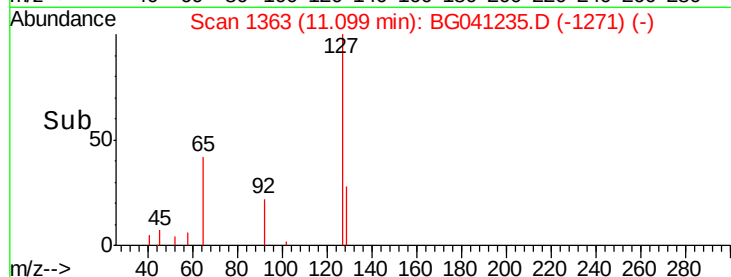
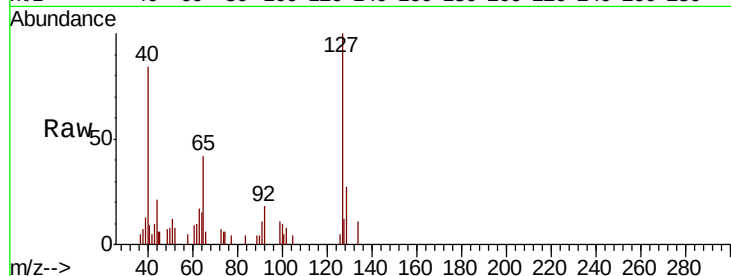
#33  
4-Chloroaniline  
Concen: 2.698 ng  
RT: 11.10 min Scan# 1363  
Delta R.T. 0.01 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       |       |       |       |
| 129     | 27.3 | 27.7  | 41.5# |       |       |
| 65      | 41.6 | 33.2  | 49.8  |       |       |
| 92      | 18.4 | 17.2  | 25.8  |       |       |

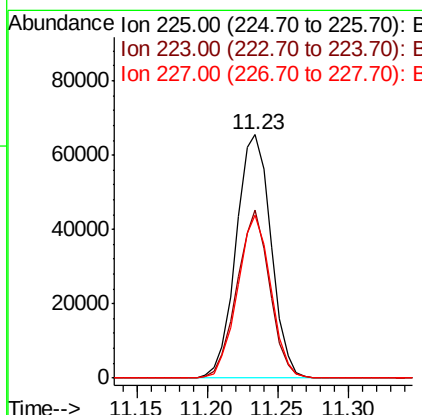
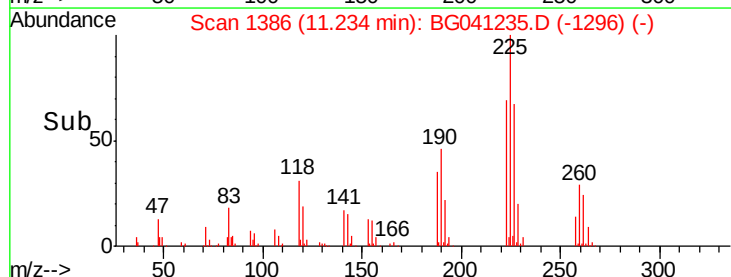
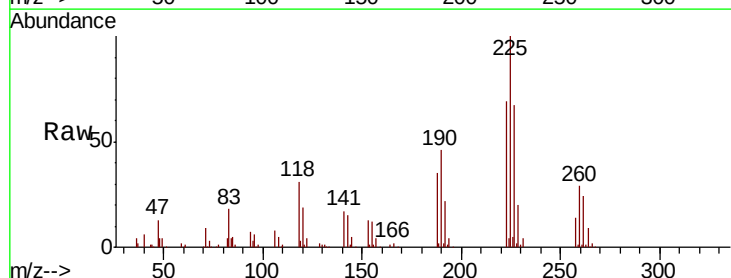
Manual Integrations  
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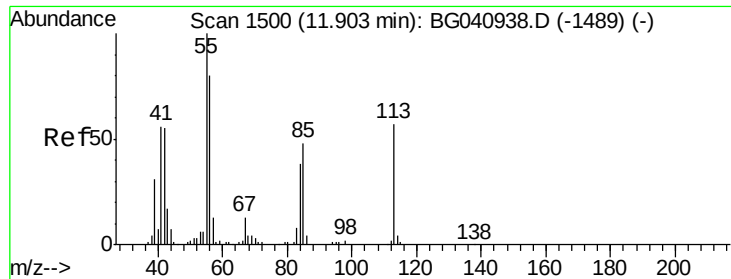
mohammad  
6/17/2019 4:54:01 PM



#34  
Hexachlorobutadiene  
Concen: 43.714 ng  
RT: 11.23 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 69.0 | 48.8  | 73.2 |       |       |
| 227     | 67.0 | 51.4  | 77.0 |       |       |





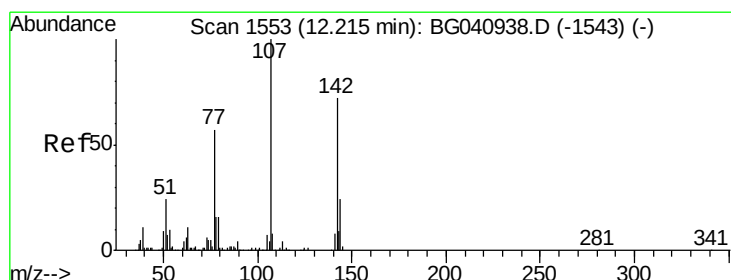
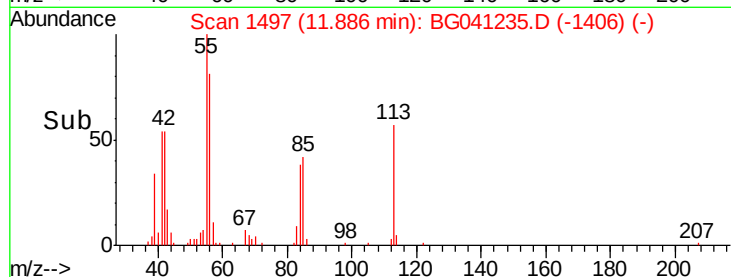
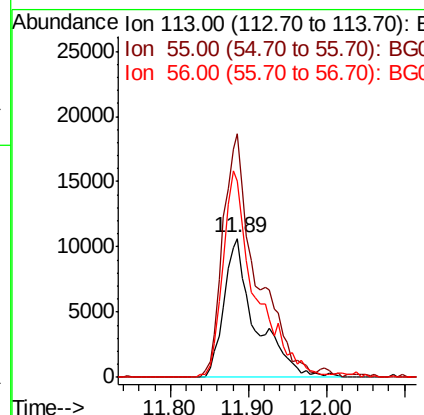
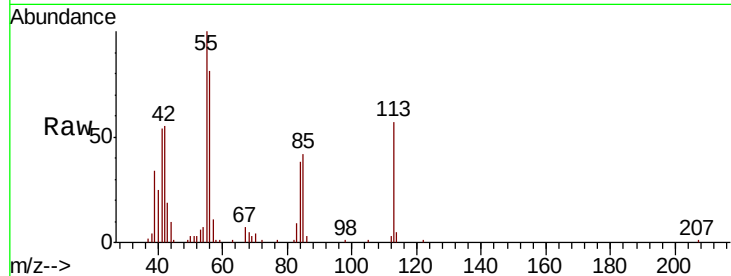
#35  
 Caprolactam  
 Concen: 30.567 ng/ml  
 RT: 11.89 min Scan# 1497  
 Delta R.T. 0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |
| 55      | 174.9 |       | 155.9 | 195.9 |
| 56      | 141.1 |       | 119.9 | 159.9 |

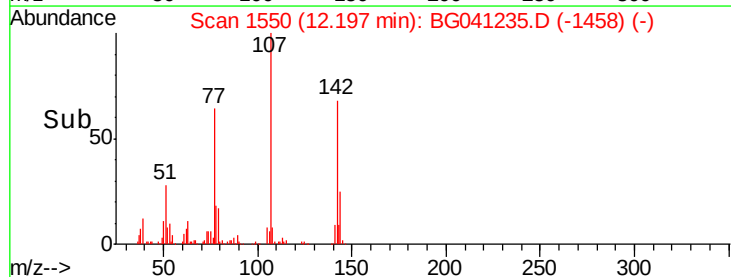
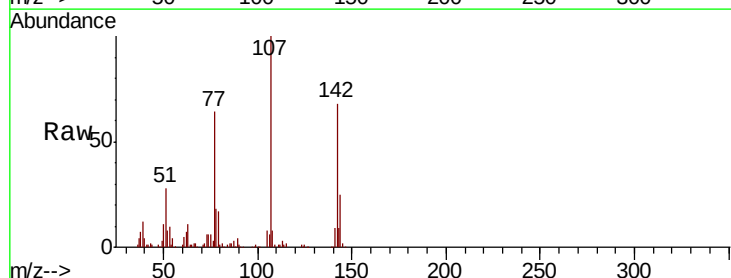
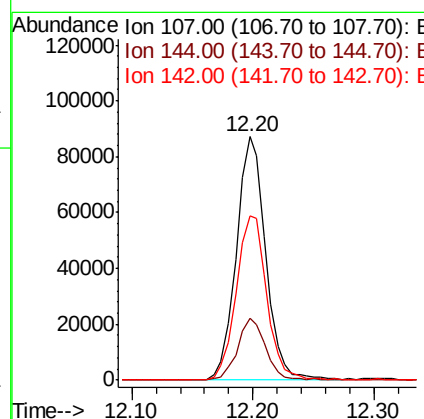
Manual Integrations  
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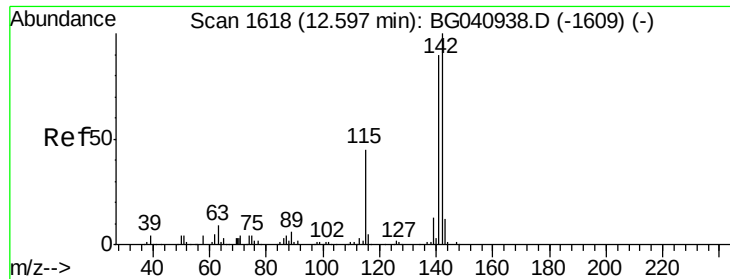
mohammad  
 6/17/2019 4:54:01 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.384 ng/ml  
 RT: 12.20 min Scan# 1550  
 Delta R.T. 0.01 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 144     | 25.4 |       | 19.4  | 29.0  |
| 142     | 67.7 |       | 57.3  | 85.9  |





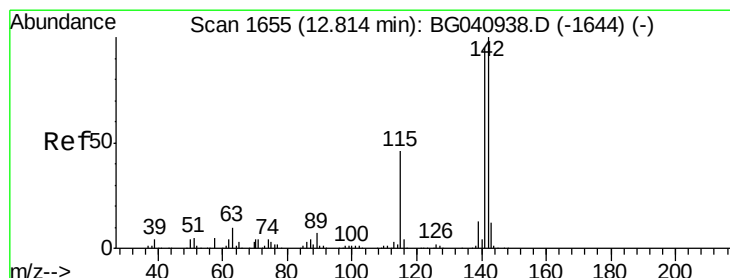
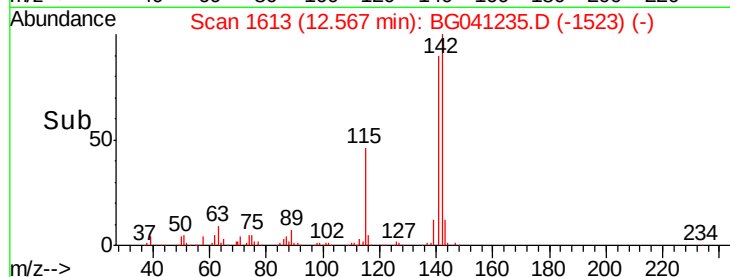
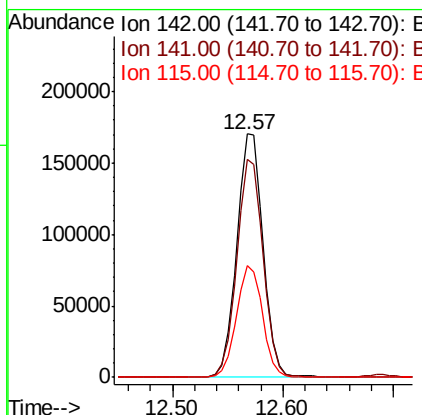
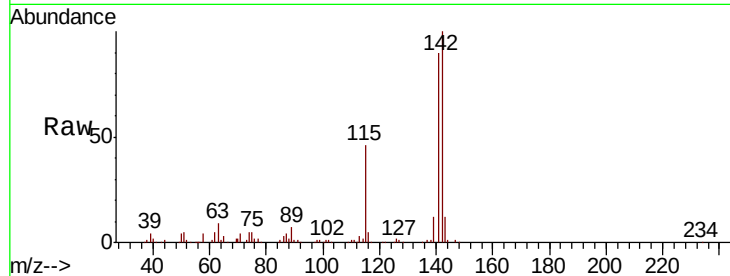
#37  
2-Methylnaphthalene  
Concen: 45.953 ng  
RT: 12.57 min Scan# 1613  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 72.2  | 108.4 |
| 115     | 46.0  | 36.2  | 54.4  |

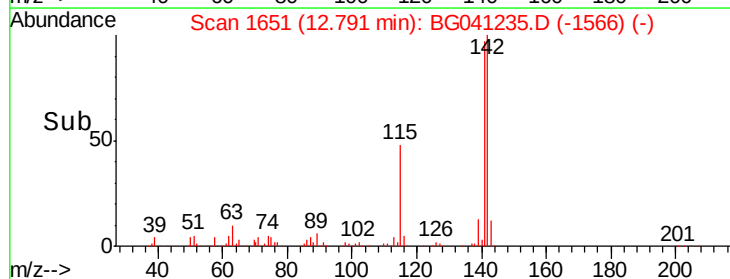
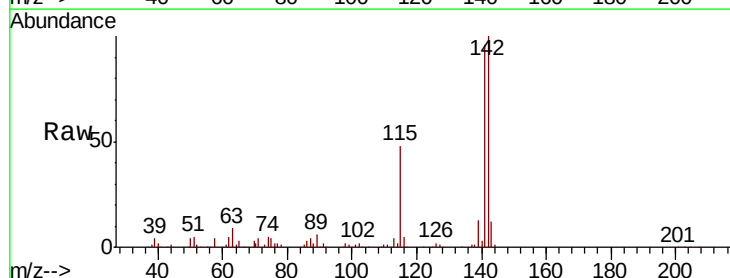
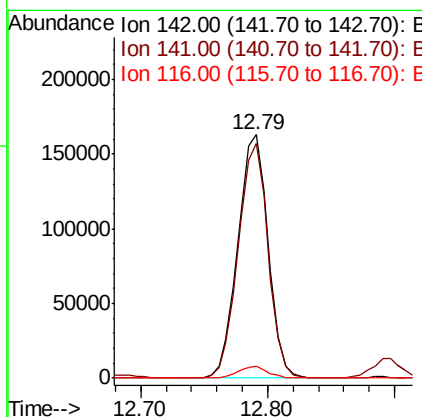
Manual Integrations  
APPROVED

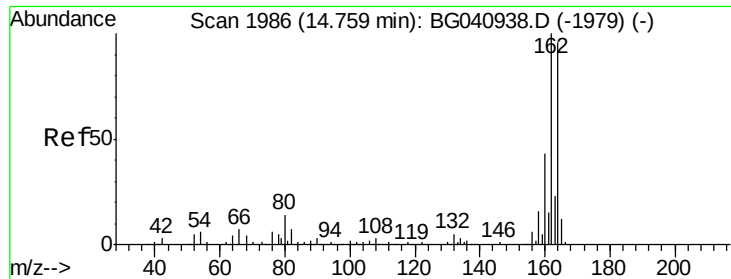
mohammad  
6/17/2019 4:54:01 PM



#38  
1-Methylnaphthalene  
Concen: 46.166 ng  
RT: 12.79 min Scan# 1651  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.3  | 75.7  | 113.5 |
| 116     | 5.0   | 3.4   | 5.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

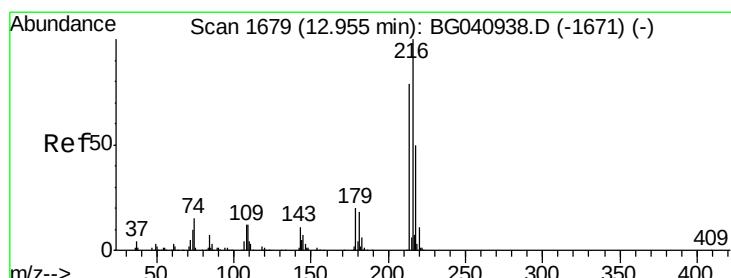
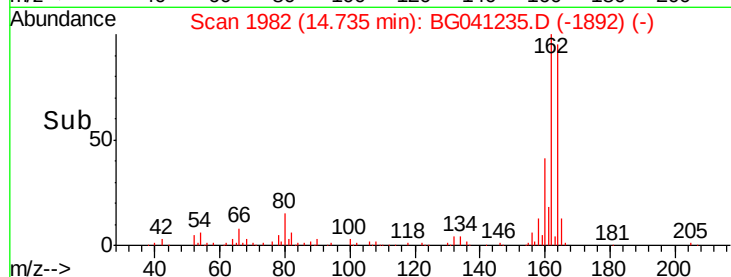
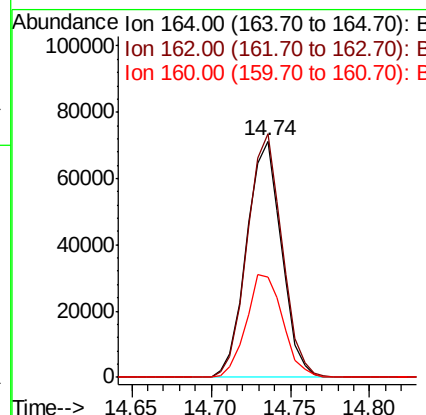
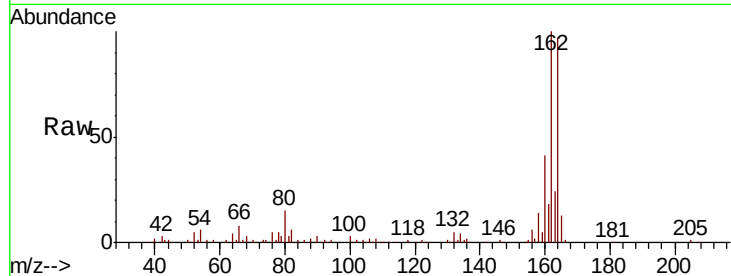
ClientSampleId :

OR-03-061119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 108815 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.9 | 83.0  | 124.4  |
| 160       | 42.2  | 35.6  | 53.4   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.086 ng

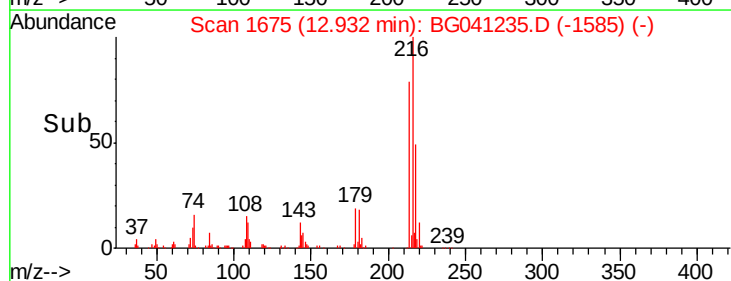
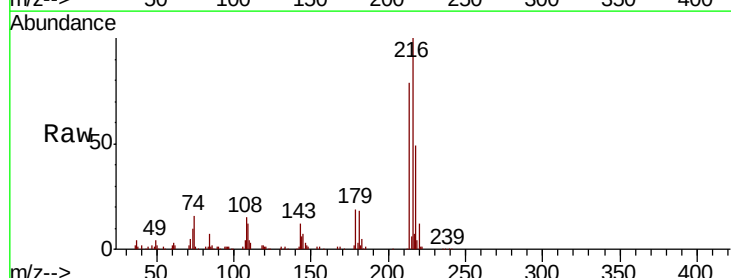
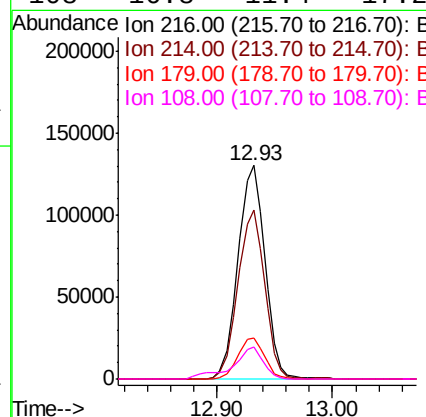
RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

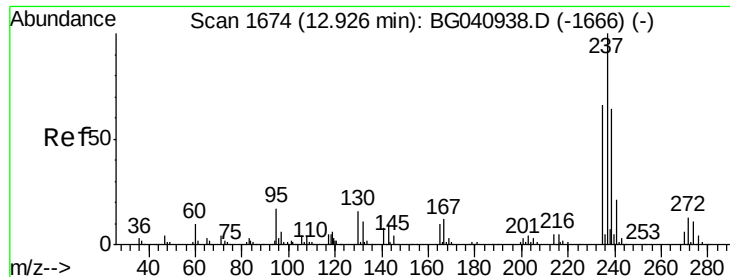
Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 210898 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.5  | 63.4  | 95.2   |
| 179       | 19.0  | 15.2  | 22.8   |
| 108       | 16.8  | 11.4  | 17.2   |







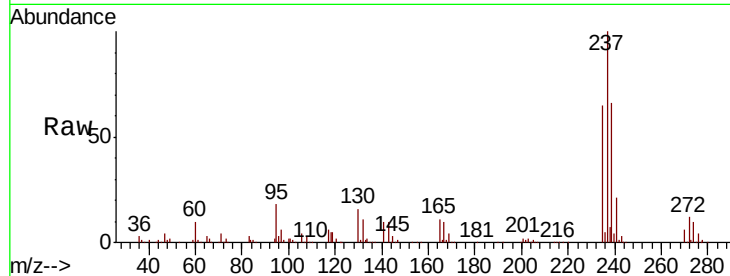
#41  
Hexachlorocyclopentadiene  
Concen: 91.058 ng  
RT: 12.90 min Scan# 1669  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

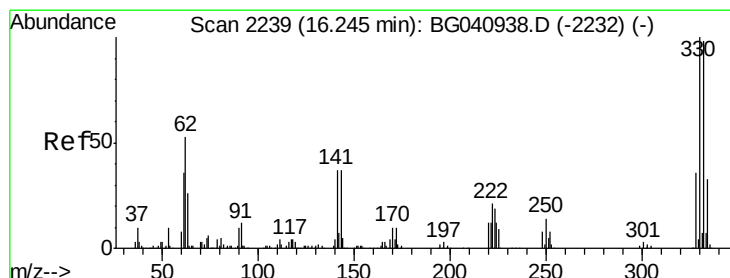
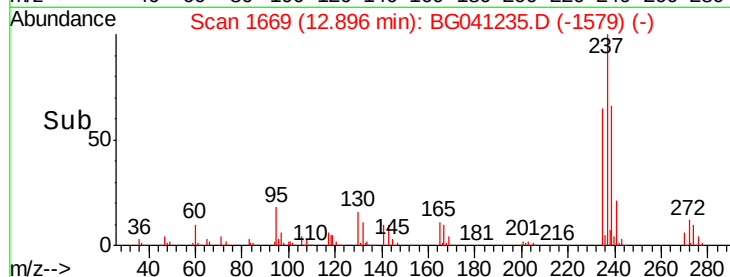
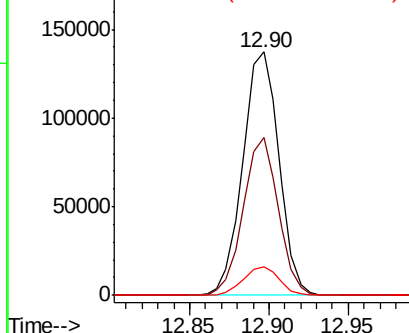
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 217669 |       |       |
| 235     | 65.0  |        | 45.5  | 85.5  |
| 272     | 11.6  |        | 0.0   | 32.9  |

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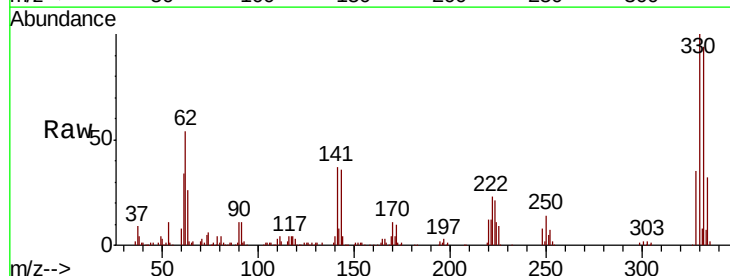


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

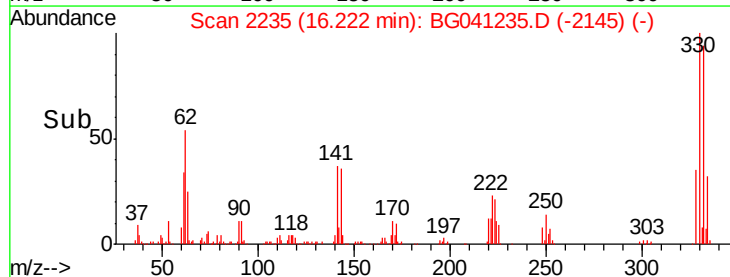
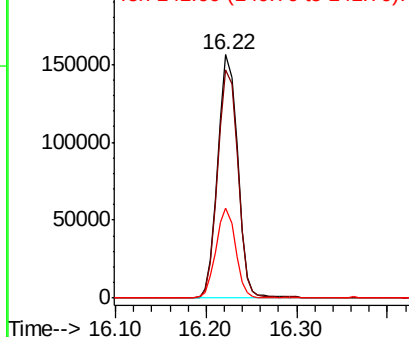


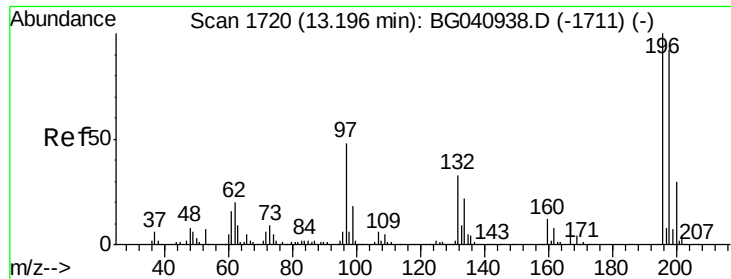
#42  
2,4,6-Tribromophenol  
Concen: 147.766 ng  
RT: 16.22 min Scan# 2235  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 238706 |       |       |
| 332     | 95.6  |        | 78.5  | 117.7 |
| 141     | 36.3  |        | 28.7  | 43.1  |



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





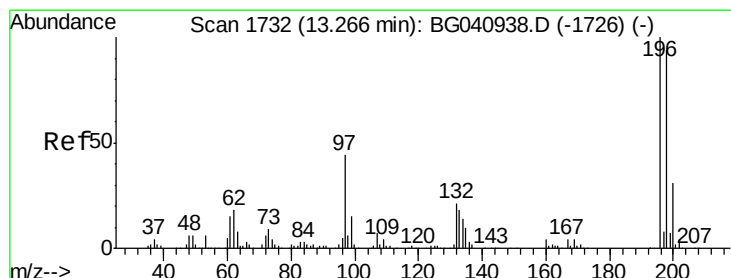
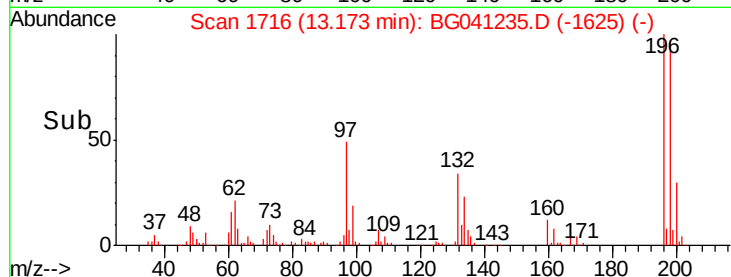
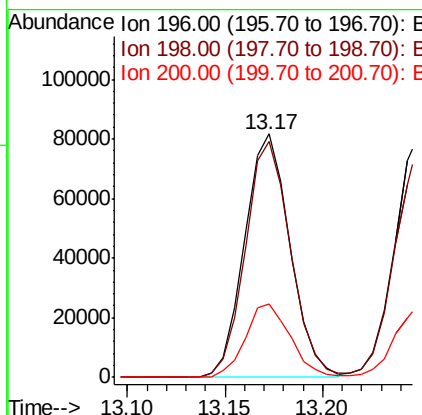
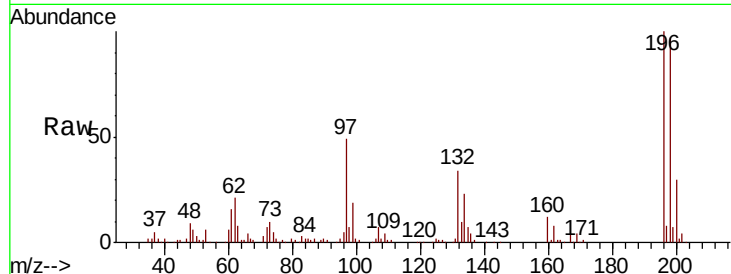
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.300 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 131366 |       |       |
| 198     | 97.0  | 73.8   | 110.6 |       |
| 200     | 30.0  | 24.1   | 36.1  |       |

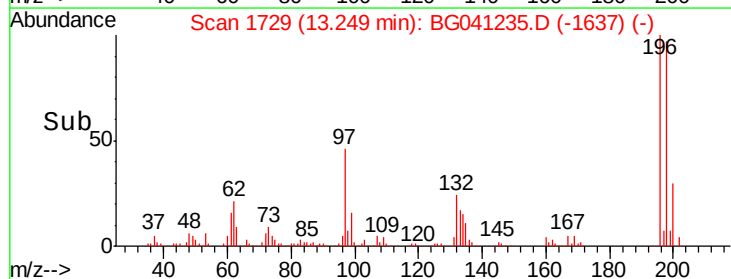
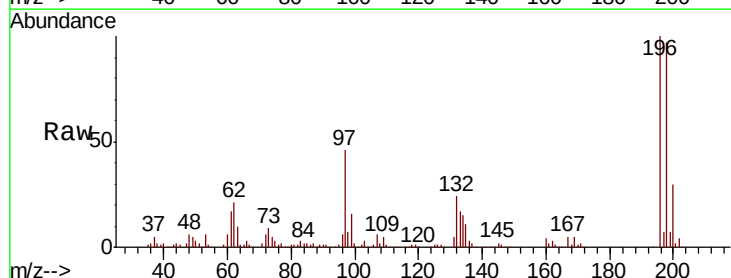
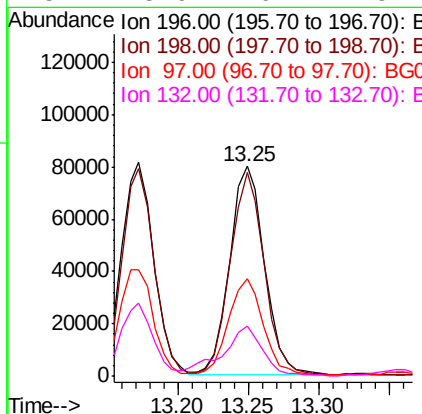
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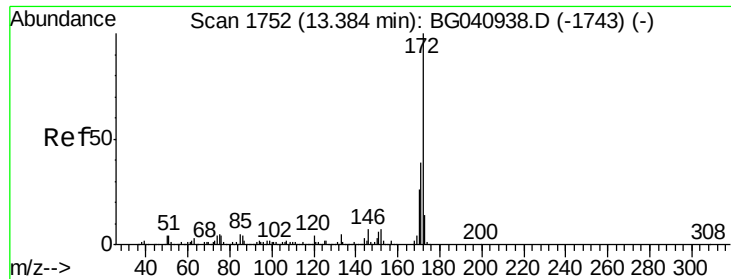
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#44  
 2,4,5-Trichlorophenol  
 Concen: 45.900 ng  
 RT: 13.25 min Scan# 1729  
 Delta R.T. 0.01 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 137346 |       |       |
| 198     | 97.3  | 75.1   | 112.7 |       |
| 97      | 46.2  | 35.6   | 53.4  |       |
| 132     | 23.9  | 16.7   | 25.1  |       |





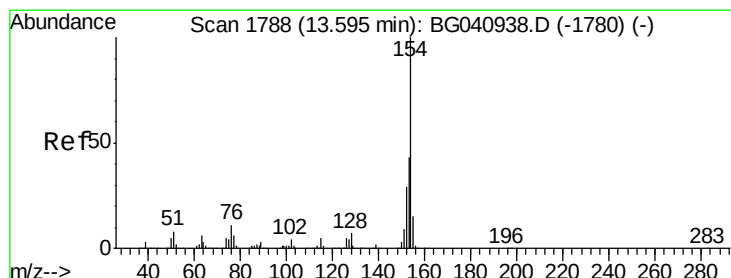
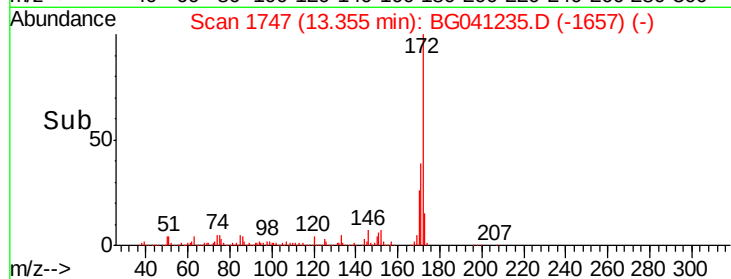
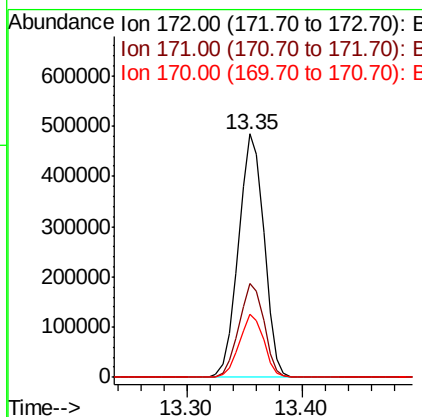
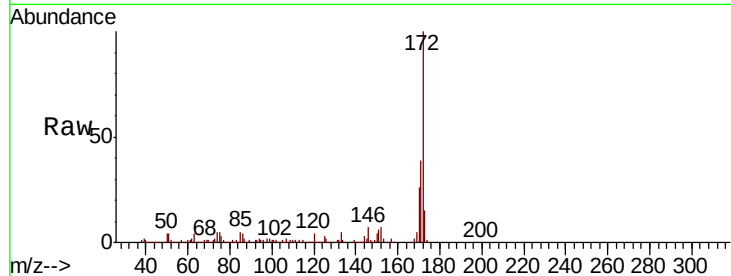
#45  
2-Fluorobiphenyl  
Concen: 98.176 ng  
RT: 13.35 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 31.1  | 46.7  |
| 170     | 25.9  | 20.5  | 30.7  |

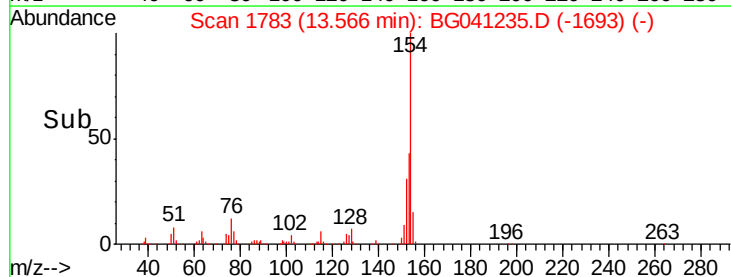
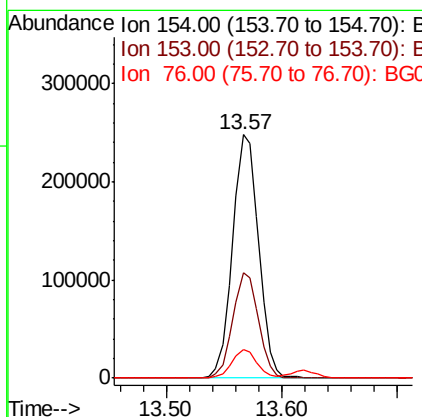
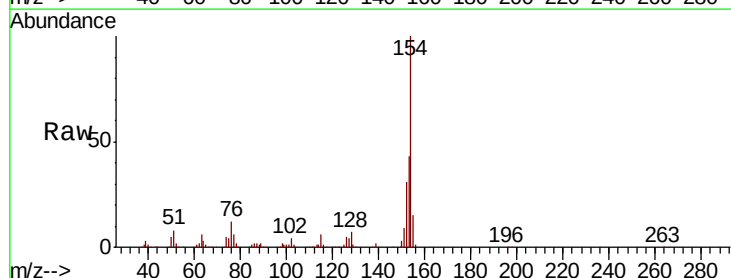
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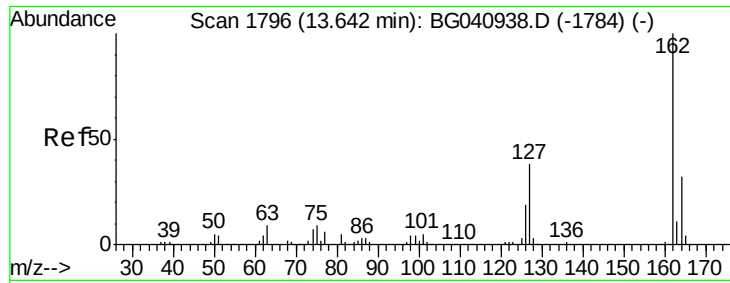
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#46  
1,1'-Biphenyl  
Concen: 47.988 ng  
RT: 13.57 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.2  | 23.3  | 63.3  |
| 76      | 11.5  | 0.0   | 31.1  |





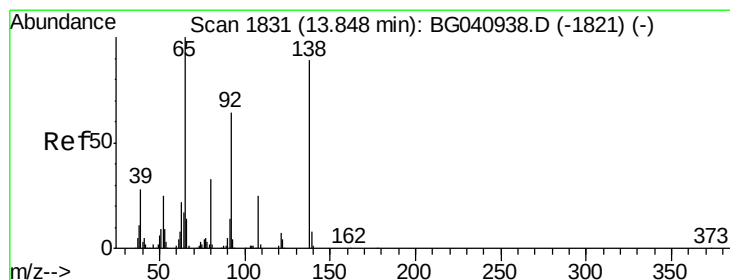
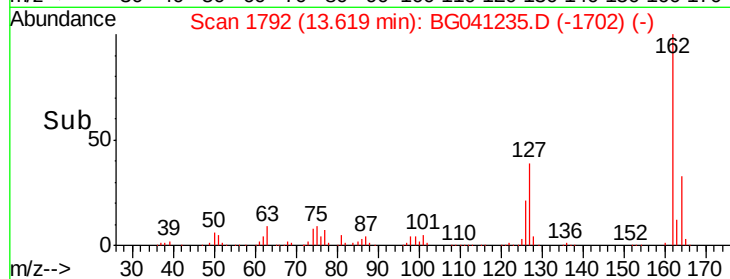
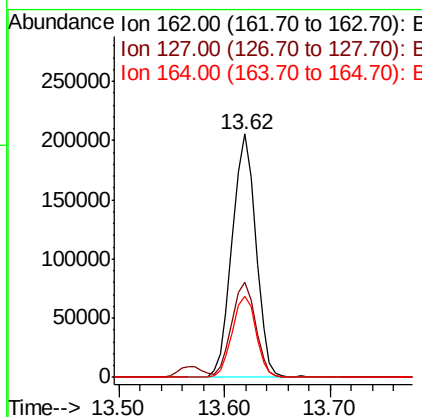
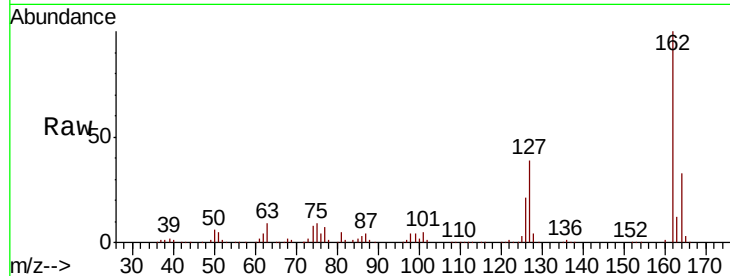
#47  
 2-Chloronaphthalene  
 Concen: 46.045 ng  
 RT: 13.62 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.2  | 30.5  | 45.7  |
| 164     | 33.3  | 25.8  | 38.6  |

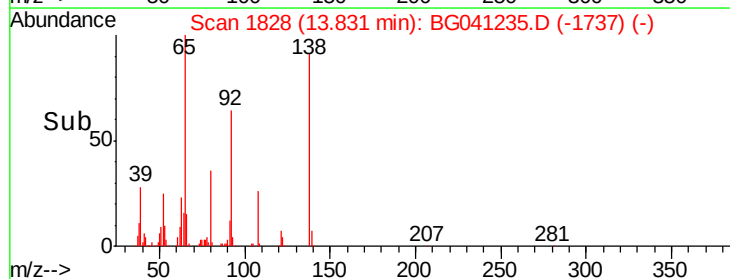
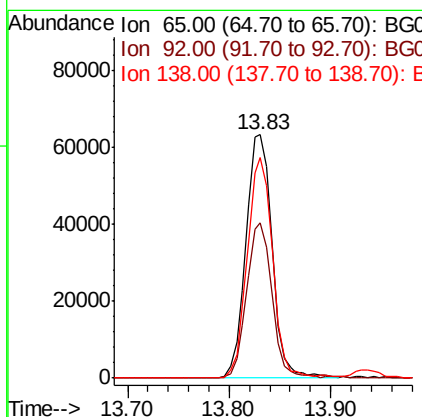
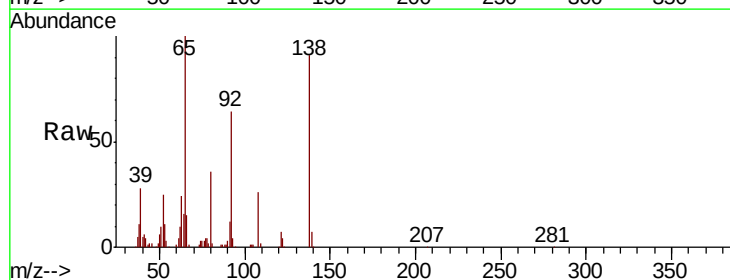
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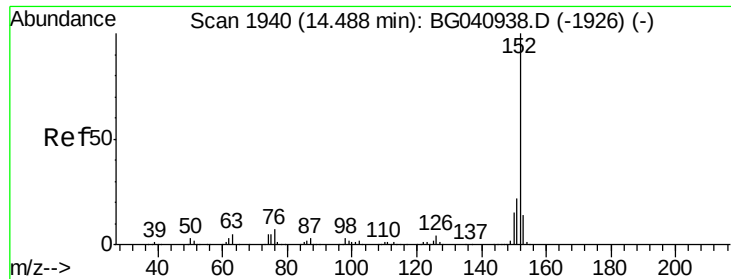
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#48  
 2-Nitroaniline  
 Concen: 45.962 ng  
 RT: 13.83 min Scan# 1828  
 Delta R.T. 0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.5  | 51.0  | 76.6  |
| 138     | 90.8  | 71.2  | 106.8 |





#49

Acenaphthylene

Concen: 47.444 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

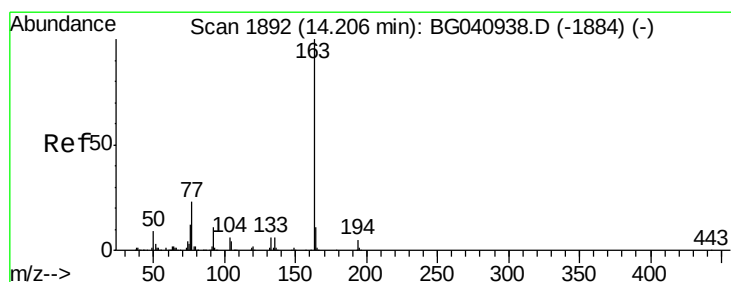
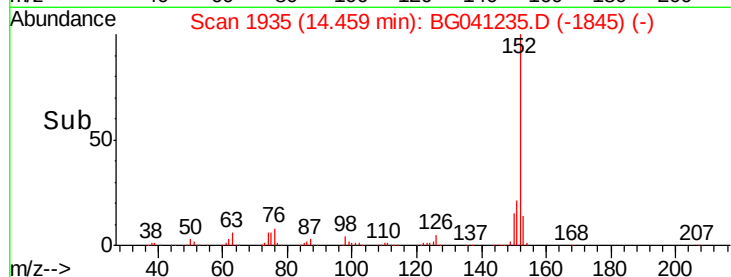
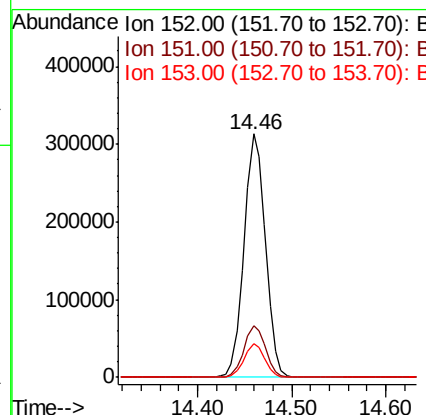
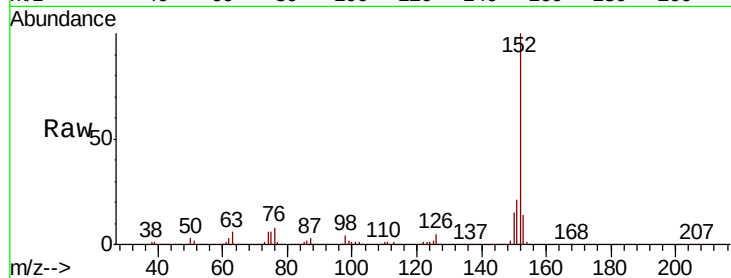
ClientSampleId :

OR-03-061119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 493758 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.0  | 17.4  | 26.0   |
| 153       | 14.1  | 11.0  | 16.4   |

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#50

Dimethylphthalate

Concen: 46.116 ng

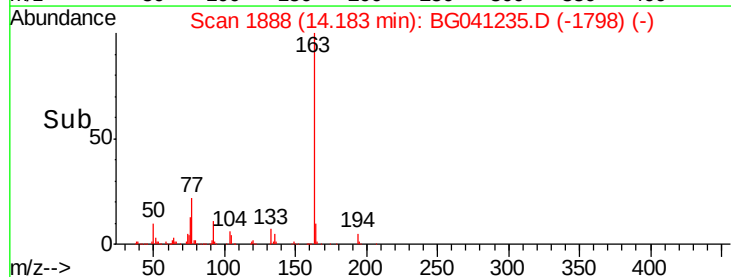
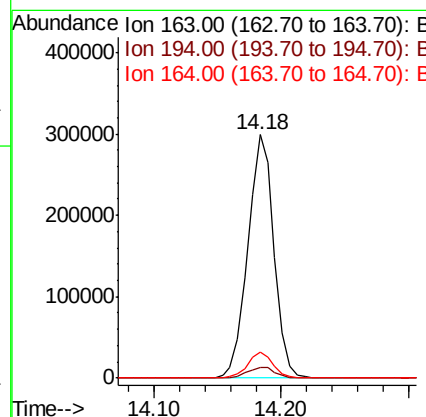
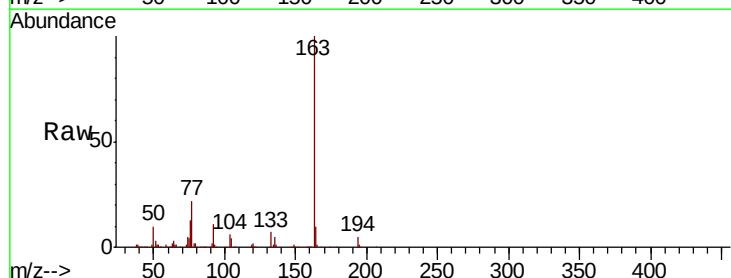
RT: 14.18 min Scan# 1888

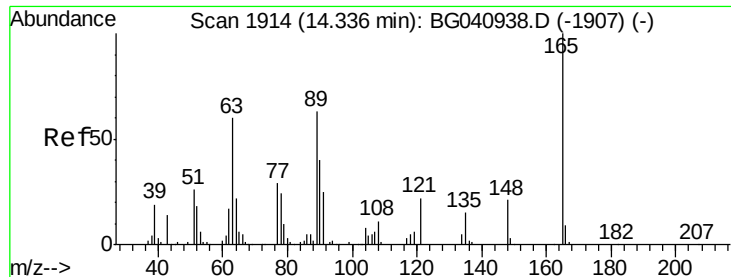
Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 424785 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.8   | 5.8    |
| 164       | 10.5  | 8.7   | 13.1   |





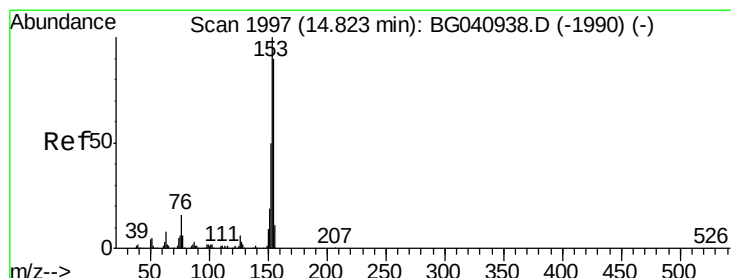
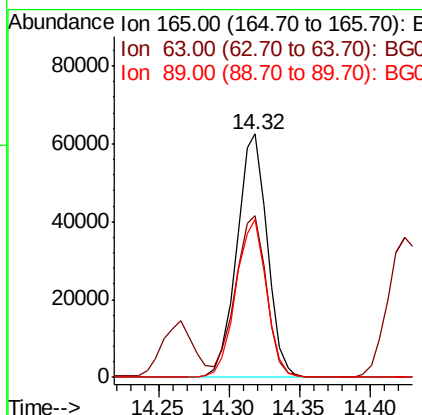
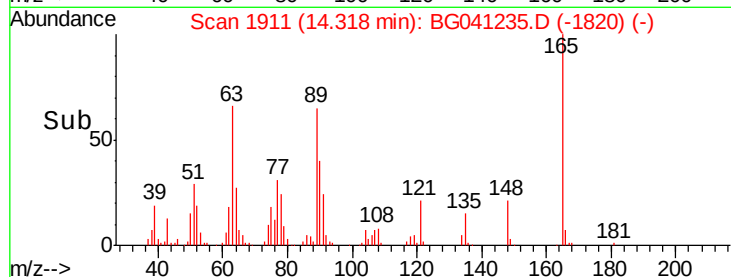
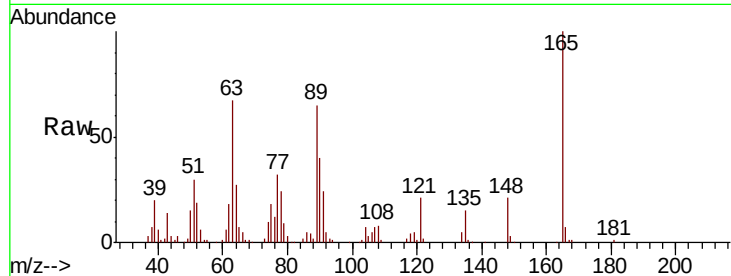
#51  
2,6-Dinitrotoluene  
Concen: 47.259 ng  
RT: 14.32 min Scan# 1911  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 66.5  | 53.6  | 80.4  |
| 89      | 65.1  | 50.4  | 75.6  |

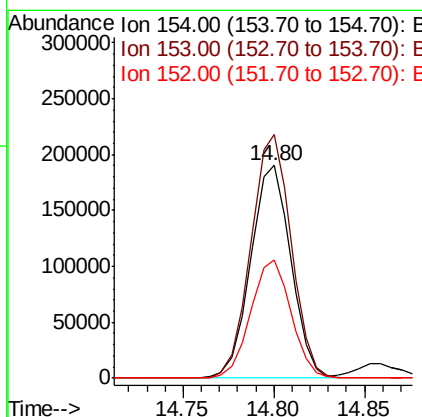
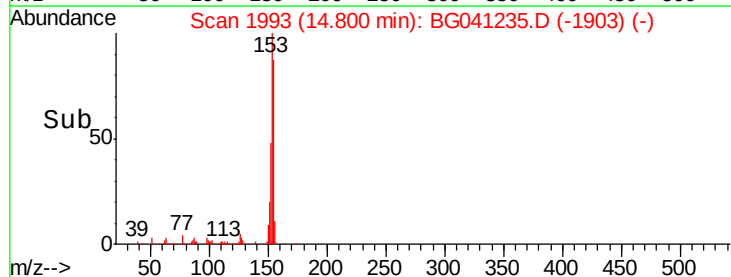
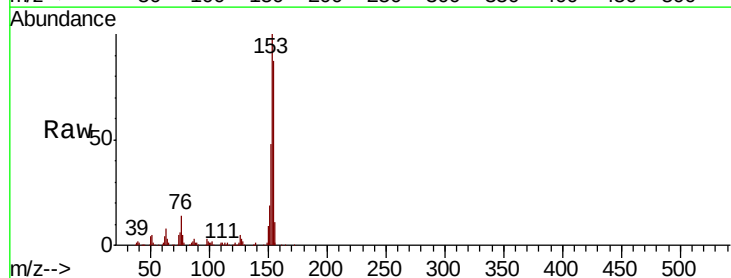
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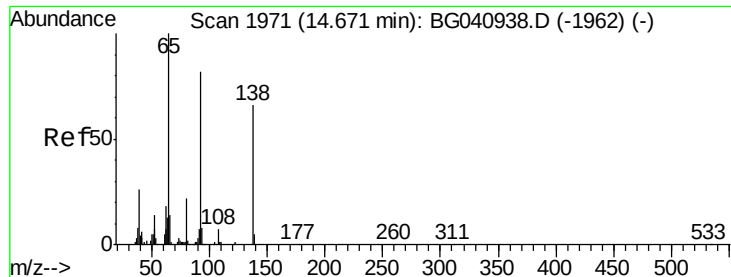
mohammad  
6/17/2019 4:54:01 PM



#52  
Acenaphthene  
Concen: 46.561 ng  
RT: 14.80 min Scan# 1993  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.4 | 88.6  | 133.0 |
| 152     | 55.3  | 44.2  | 66.4  |





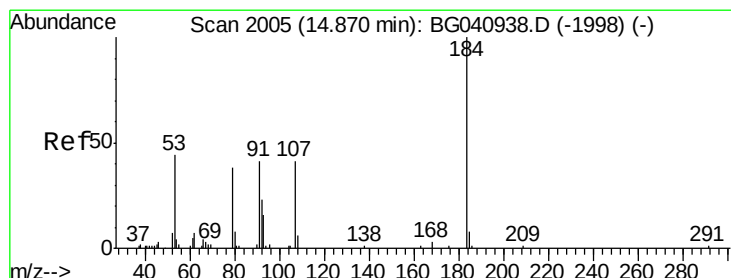
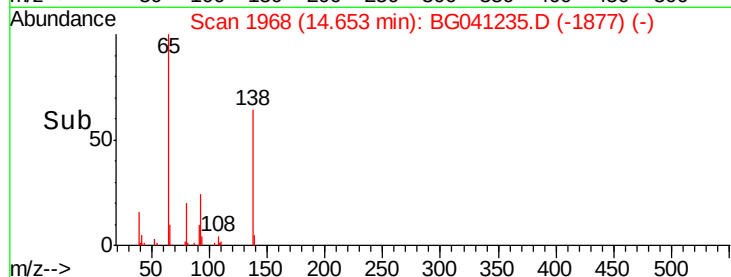
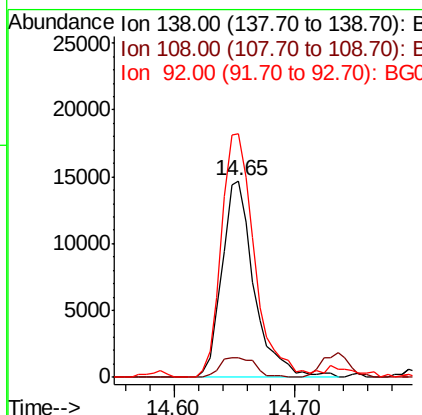
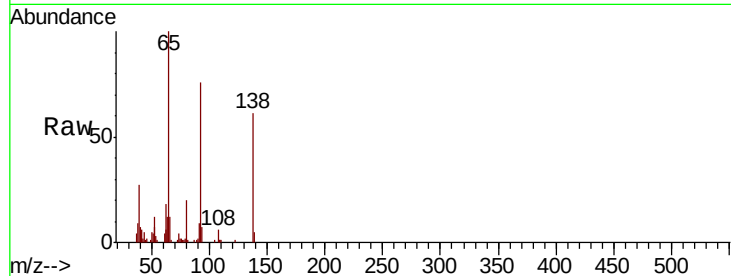
#53  
3-Nitroaniline  
Concen: 13.601 ng  
RT: 14.65 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 8.5   | 12.7  |
| 92      | 123.8 | 99.0  | 148.6 |

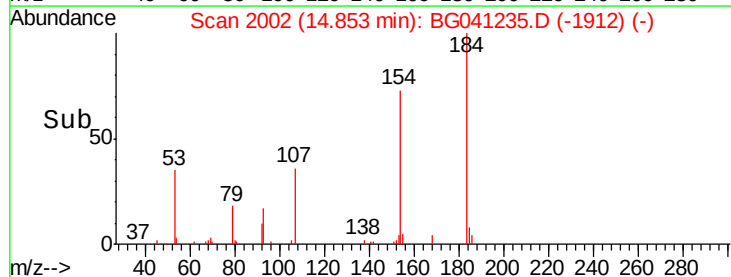
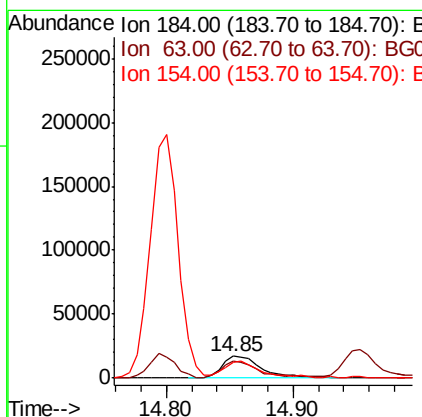
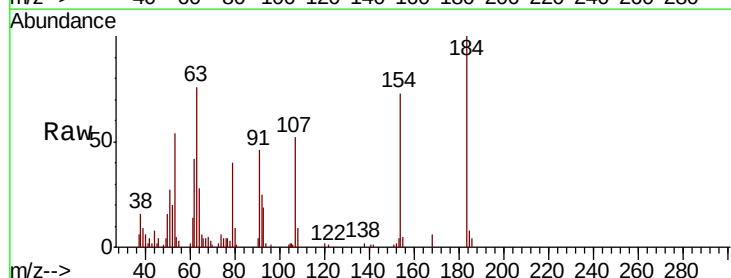
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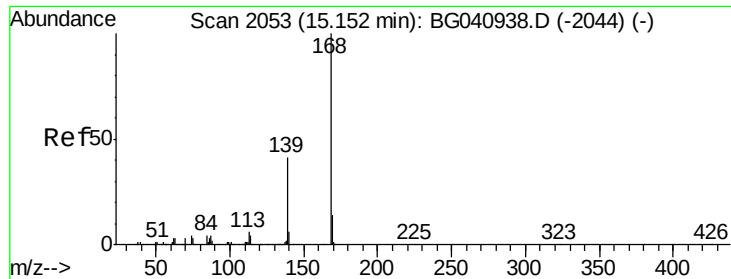
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#54  
2,4-Dinitrophenol  
Concen: 45.919 ng  
RT: 14.85 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.7  | 49.8  | 74.6# |
| 154     | 73.0  | 52.2  | 78.4  |





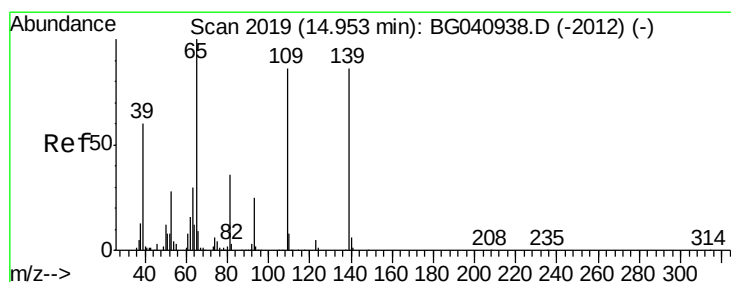
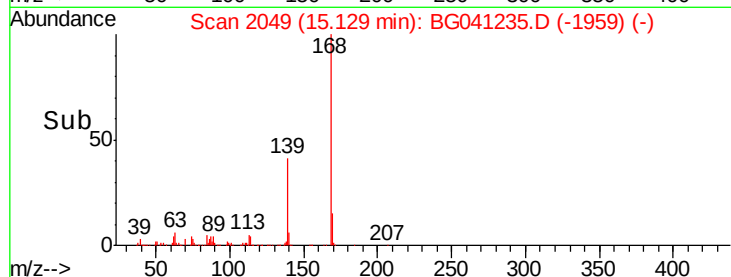
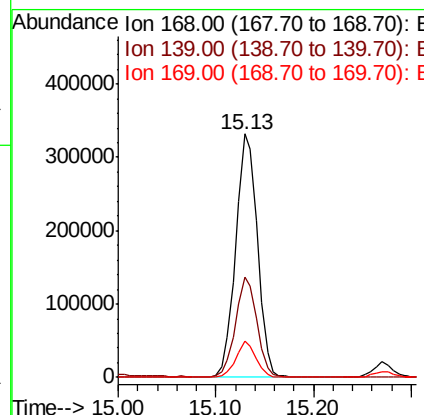
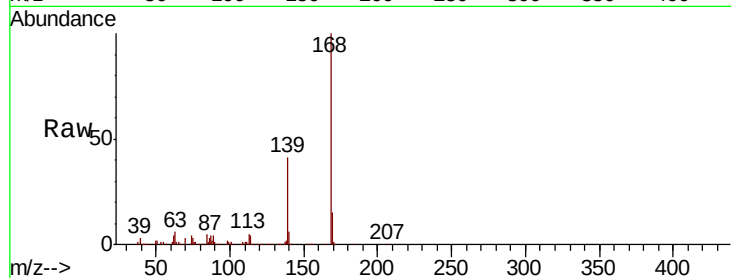
#55  
Dibenzofuran  
Concen: 48.224 ng  
RT: 15.13 min Scan# 2049  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.3  | 32.8  | 49.2  |
| 169     | 14.7  | 11.3  | 16.9  |

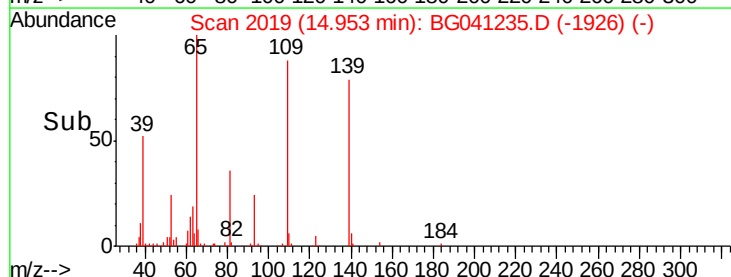
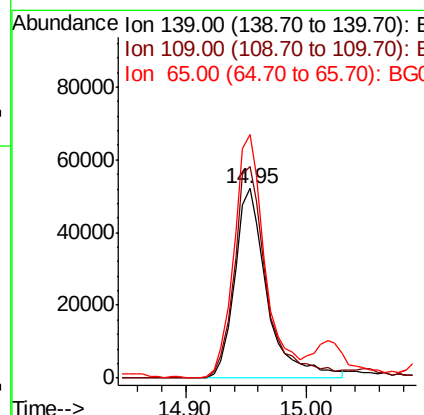
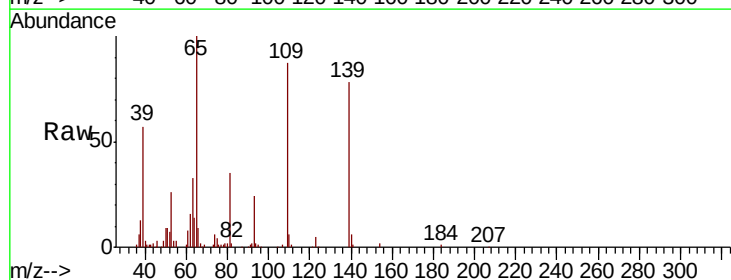
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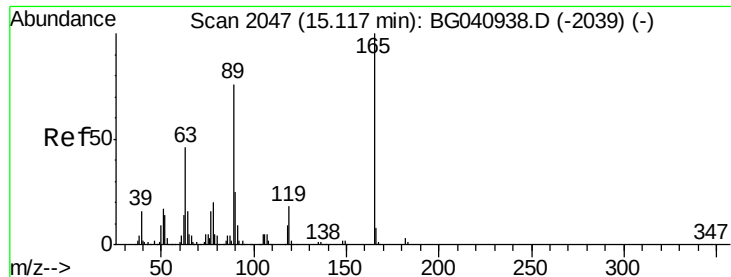


#56  
4-Nitrophenol  
Concen: 71.640 ng  
RT: 14.95 min Scan# 2019  
Delta R.T. 0.01 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 111.2 | 79.6  | 119.6 |
| 65      | 128.3 | 96.9  | 136.9 |







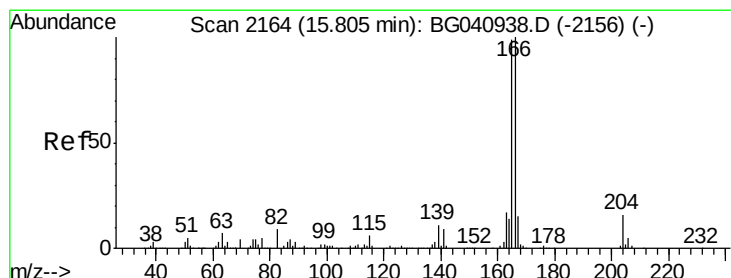
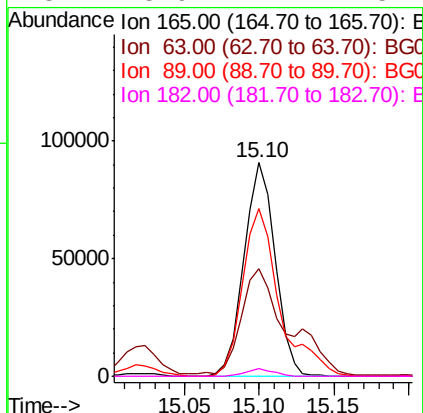
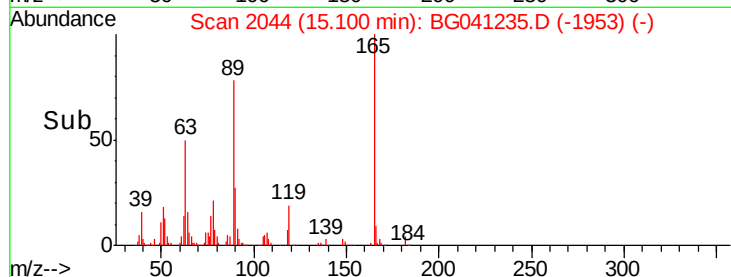
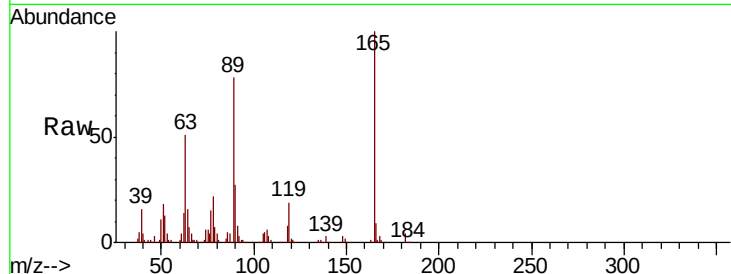
#57  
2,4-Dinitrotoluene  
Concen: 46.882 ng  
RT: 15.10 min Scan# 2044  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.6  | 37.3  | 55.9  |
| 89      | 78.4  | 61.0  | 91.6  |
| 182     | 3.9   | 2.2   | 3.2#  |

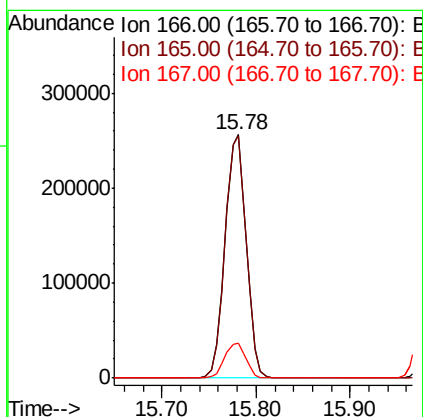
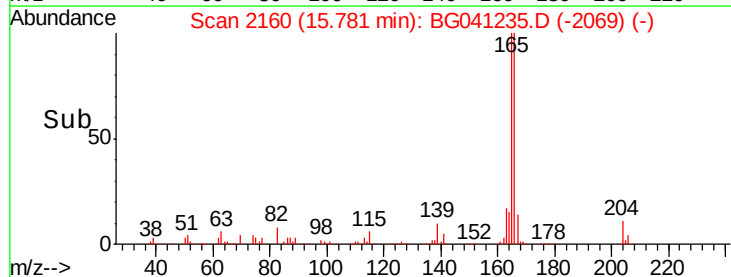
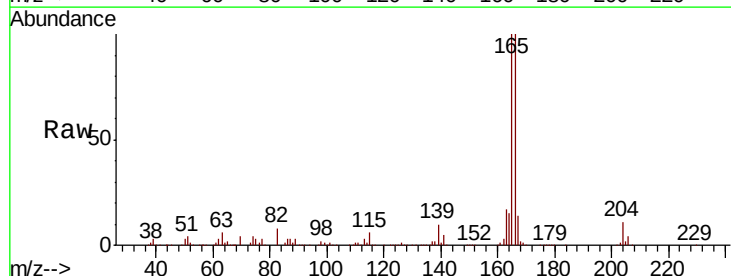
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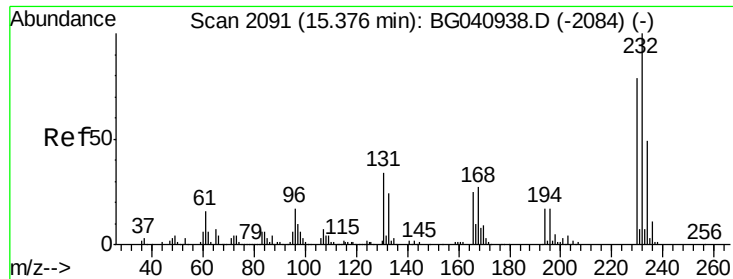
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6/17/2019 4:54:01 PM



#58  
Fluorene  
Concen: 47.456 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.5  | 79.2  | 118.8 |
| 167     | 14.3  | 11.8  | 17.6  |





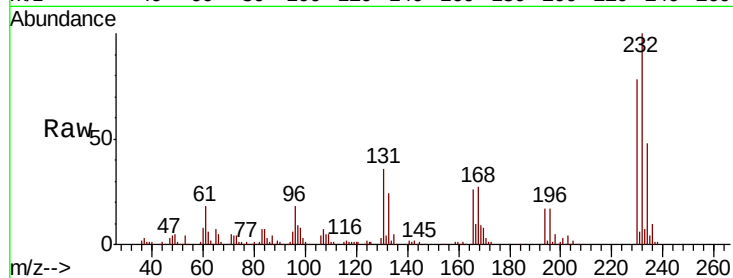
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.455 ng  
RT: 15.35 min Scan# 2087  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

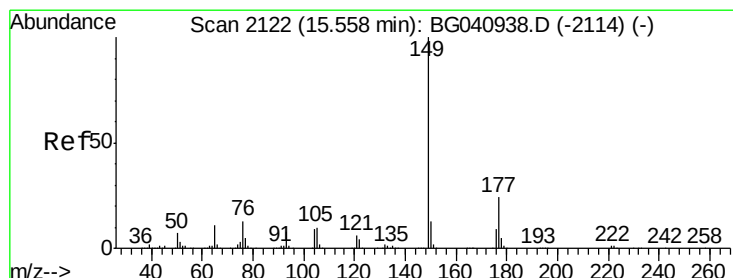
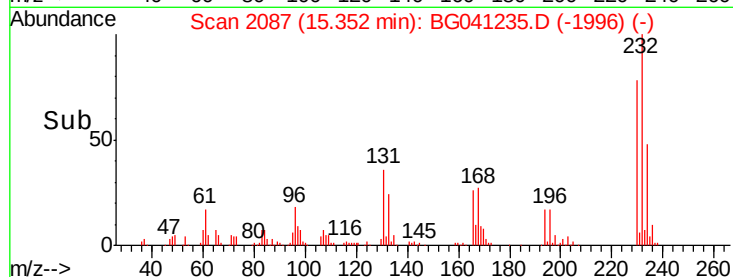
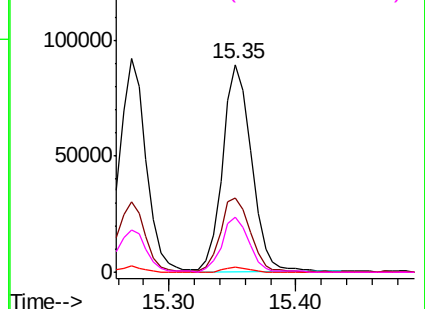
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 139549 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 36.9  | 30.3  | 45.5   |
| 130       | 2.1   | 1.8   | 2.8    |
| 166       | 25.7  | 21.3  | 31.9   |

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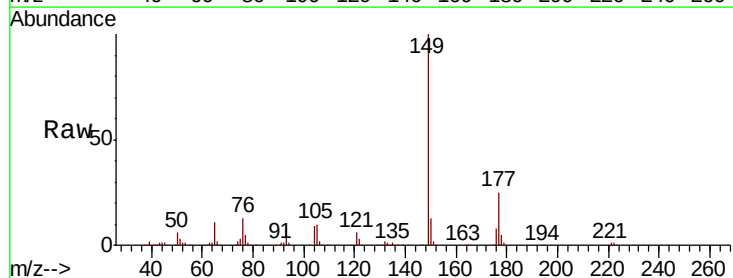


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

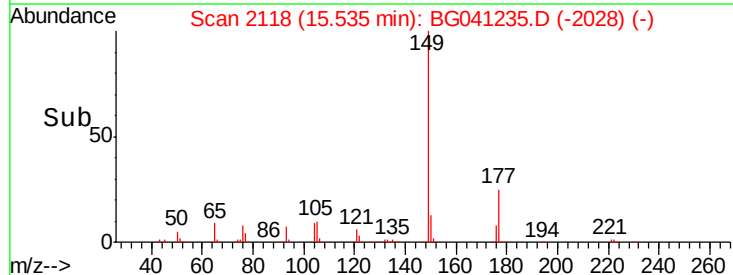
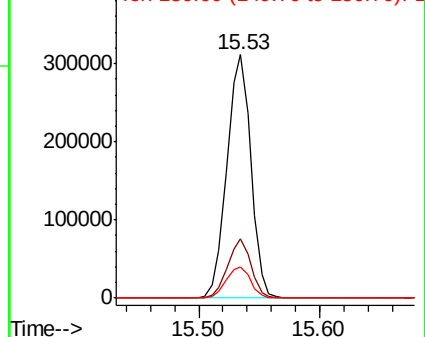


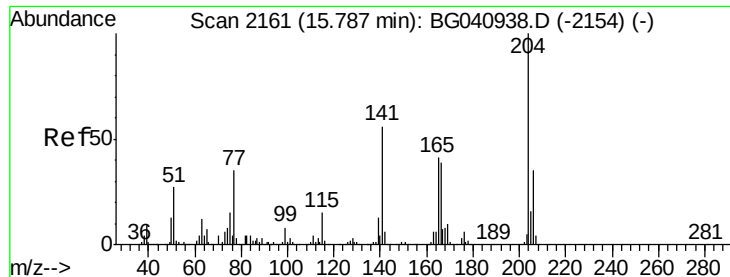
#60  
Diethylphthalate  
Concen: 45.382 ng  
RT: 15.53 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 426609 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 24.6  | 19.4  | 29.0   |
| 150       | 12.8  | 10.3  | 15.5   |



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





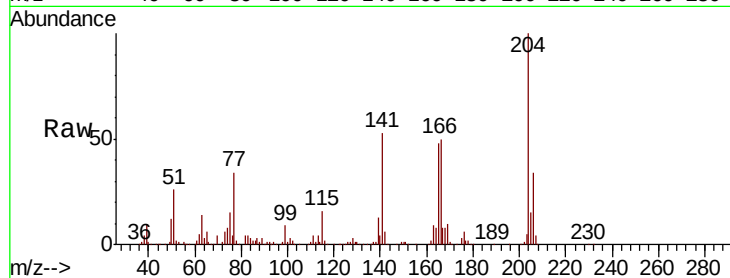
#61  
4-Chlorophenyl-phenylether  
Concen: 46.081 ng  
RT: 15.76 min Scan# 2157  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.0  | 27.6  | 41.4  |
| 141     | 52.9  | 45.1  | 67.7  |

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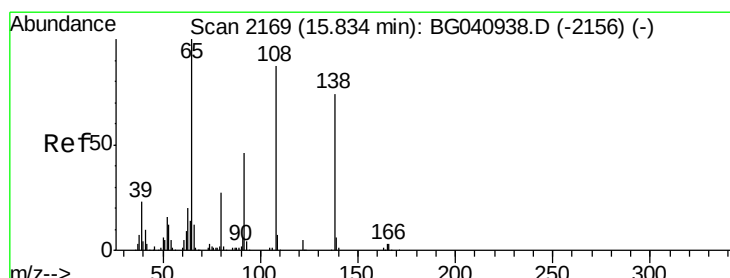
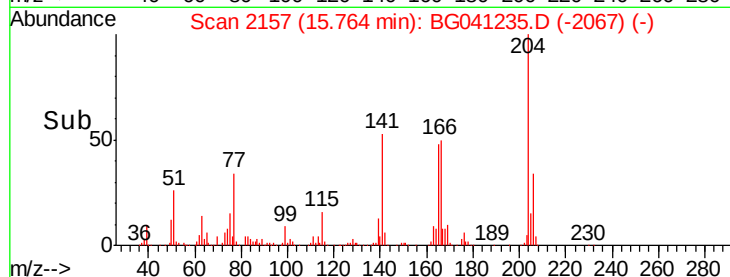
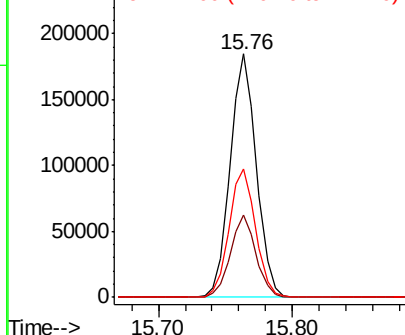


Abundance

Ion 204.00 (203.70 to 204.70): E

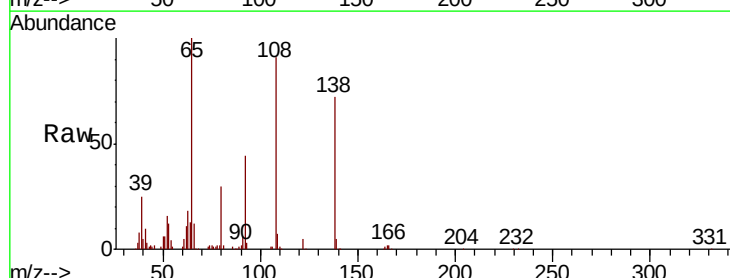
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 39.767 ng  
RT: 15.82 min Scan# 2166  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 61.0  | 42.4  | 82.4  |
| 108     | 126.6 | 96.9  | 136.9 |

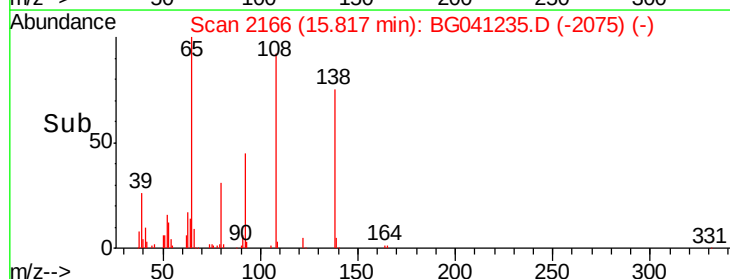
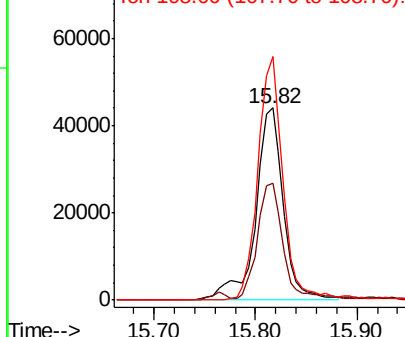


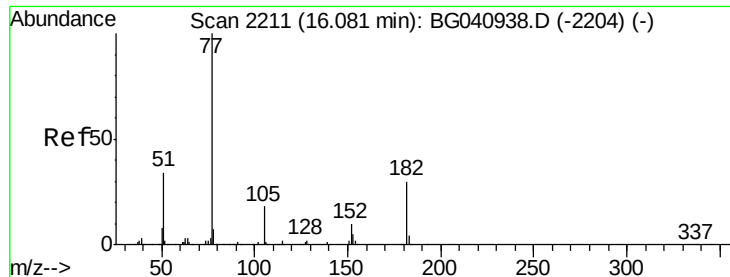
Abundance

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





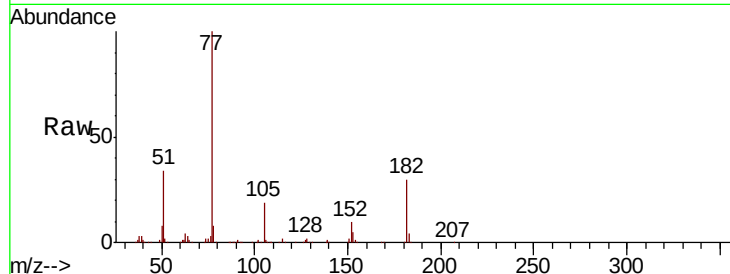
#63  
Azobenzene  
Concen: 46.802 ng  
RT: 16.06 min Scan# 2207  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

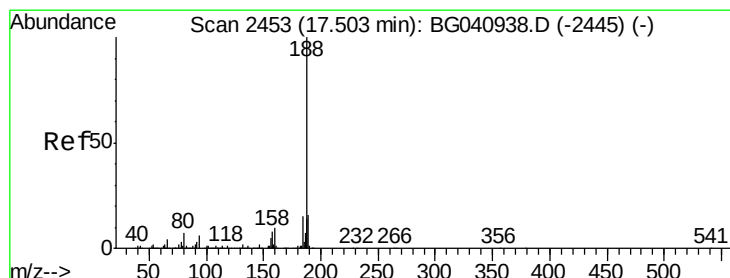
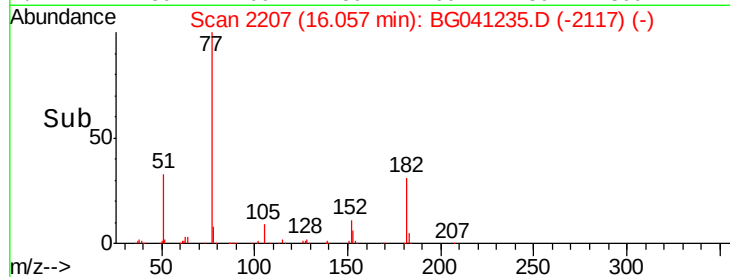
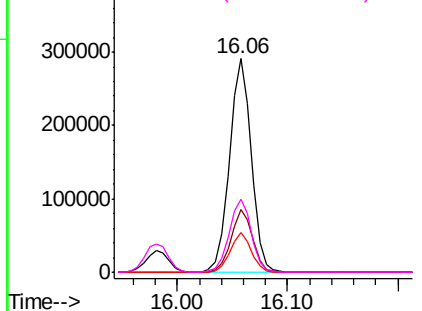
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.6  | 9.6   | 49.6  |
| 105     | 18.5  | 0.0   | 37.5  |
| 51      | 34.3  | 13.7  | 53.7  |

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6/17/2019 4:54:01 PM



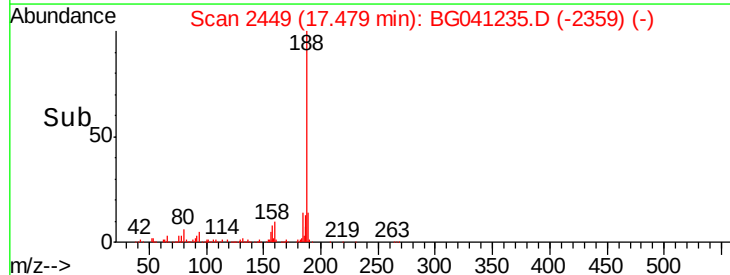
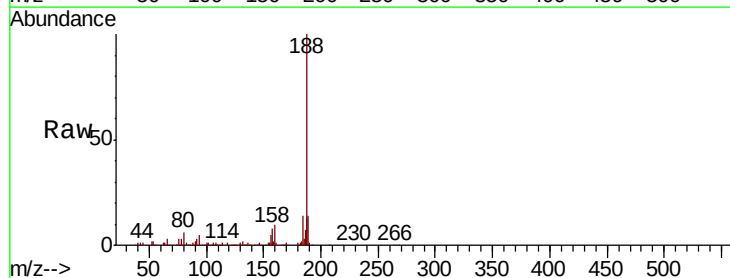
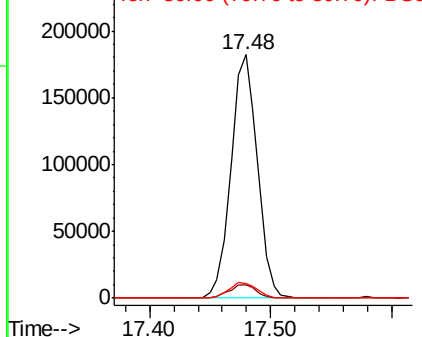
Abundance Ion 77.00 (76.70 to 77.70): BG040938.D (-2204) (-)  
Ion 182.00 (181.70 to 182.70): BG040938.D (-2204) (-)  
Ion 105.00 (104.70 to 105.70): BG040938.D (-2204) (-)  
Ion 51.00 (50.70 to 51.70): BG040938.D (-2204) (-)

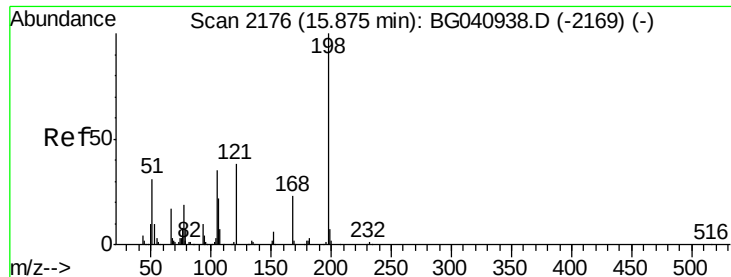


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2449  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.2   | 4.7   | 7.1   |
| 80      | 6.2   | 5.8   | 8.8   |

Abundance Ion 188.00 (187.70 to 188.70): BG040938.D (-2445) (-)  
Ion 94.00 (93.70 to 94.70): BG040938.D (-2445) (-)  
Ion 80.00 (79.70 to 80.70): BG040938.D (-2445) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 35.187 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

ClientSampleId :

OR-03-061119-AMS

Tot Ion:198 Resp: 48128

Ion Ratio Lower Upper

198 100

51 44.5 21.6 61.6

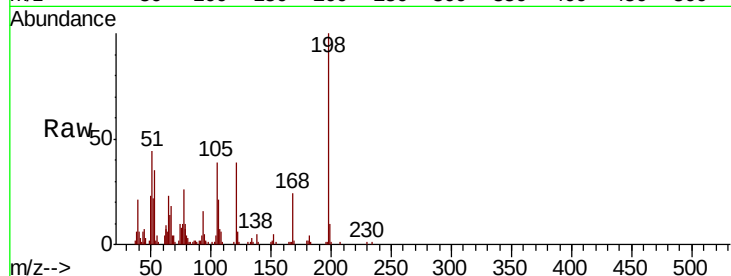
105 38.8 17.5 57.5

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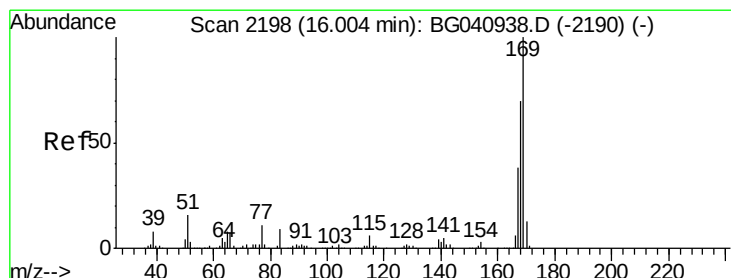
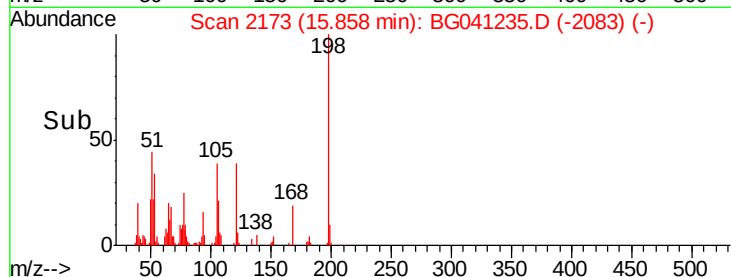
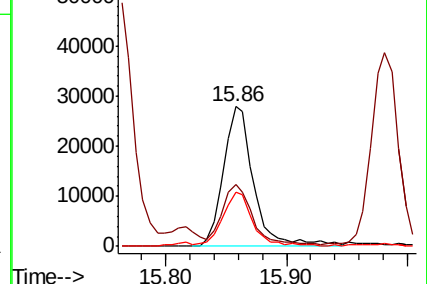
6/17/2019 4:54:01 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.978 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

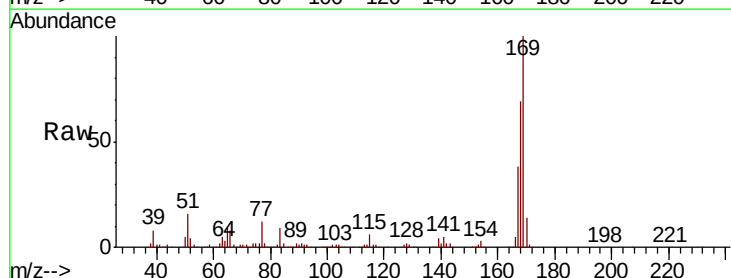
Tgt Ion:169 Resp: 358352

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

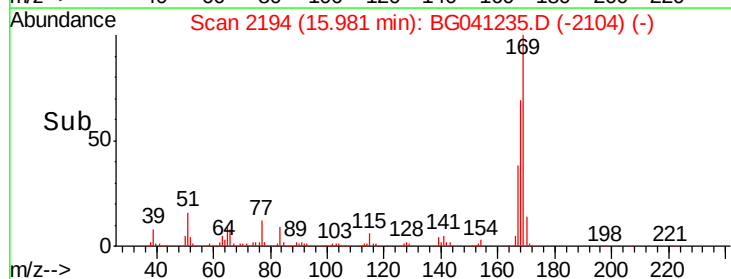
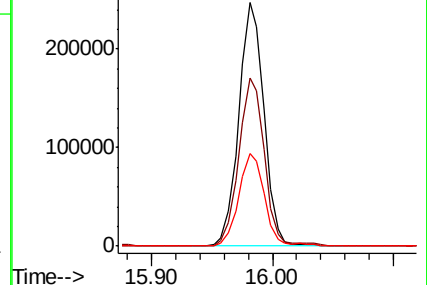
167 38.2 30.2 45.2

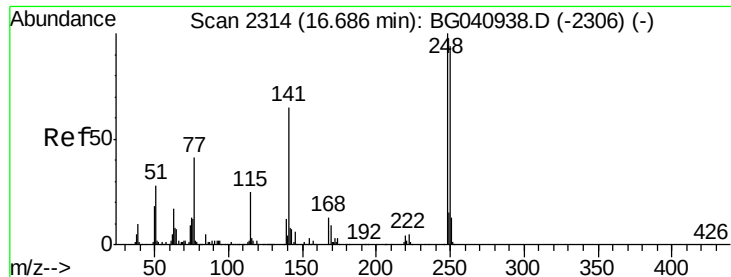


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





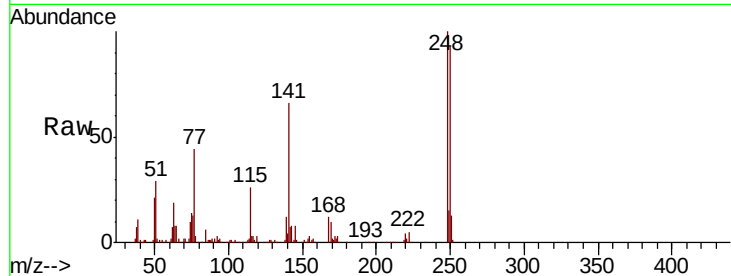
#67  
4-Bromophenyl-phenylether  
Concen: 44.799 ng  
RT: 16.66 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 92.9  | 75.0  | 112.4 |
| 141     | 66.0  | 52.4  | 78.6  |

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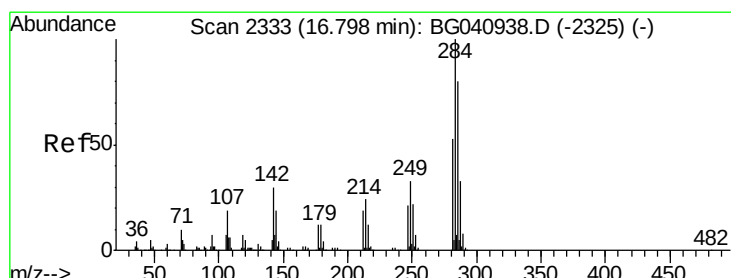
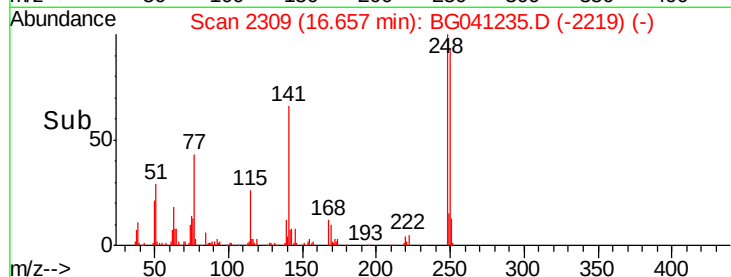
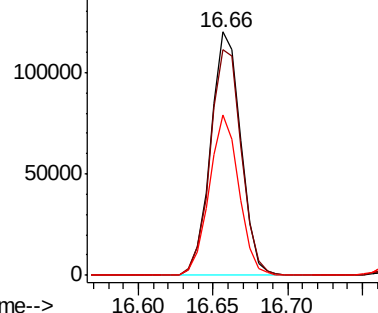


Abundance

Ion 248.00 (247.70 to 248.70): E

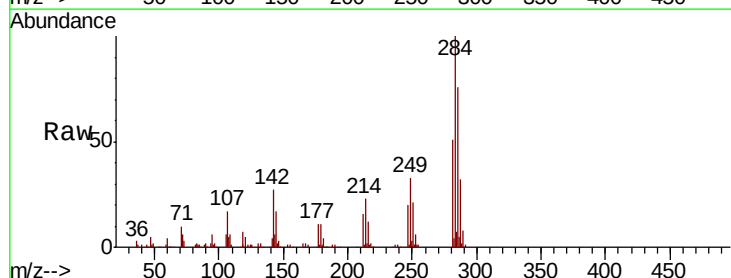
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 43.535 ng  
RT: 16.77 min Scan# 2329  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.5  | 23.9  | 35.9  |
| 249     | 33.4  | 26.8  | 40.2  |

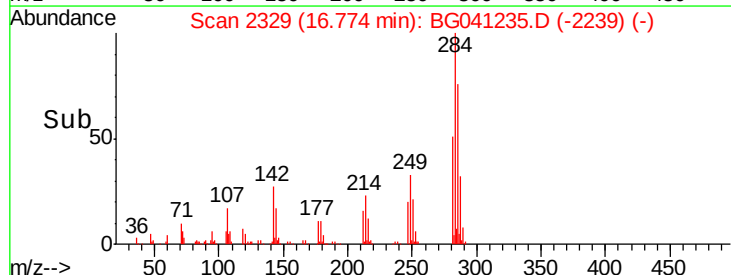
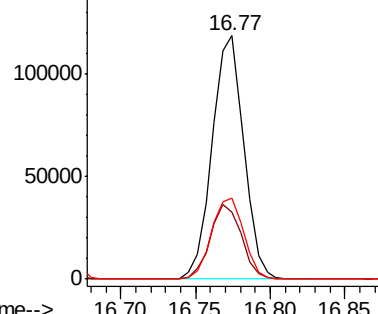


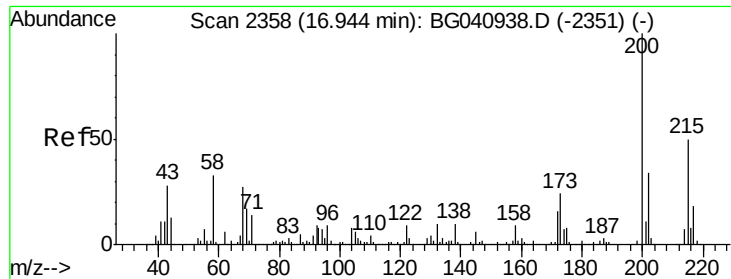
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





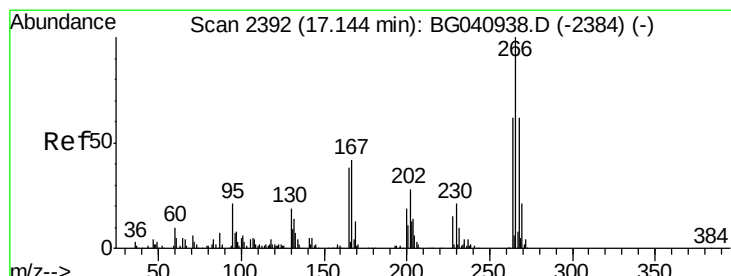
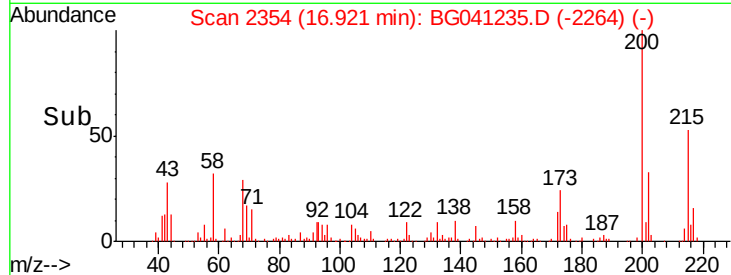
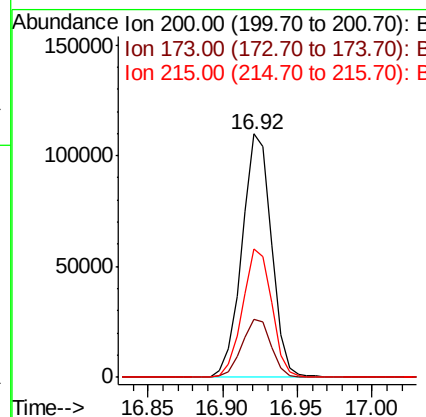
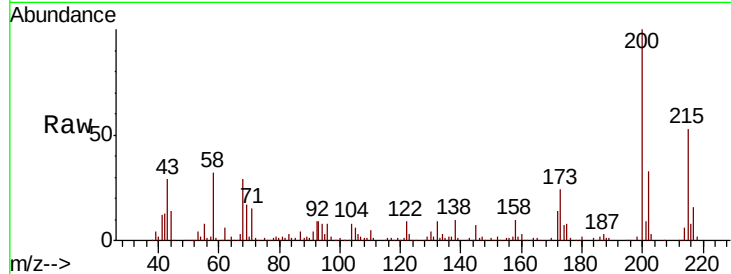
#69  
Atrazine  
Concen: 50.127 ng  
RT: 16.92 min Scan# 2354  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 150751 |       |       |
| 173     | 23.7  | 3.6    | 43.6  |       |
| 215     | 52.6  | 29.6   | 69.6  |       |

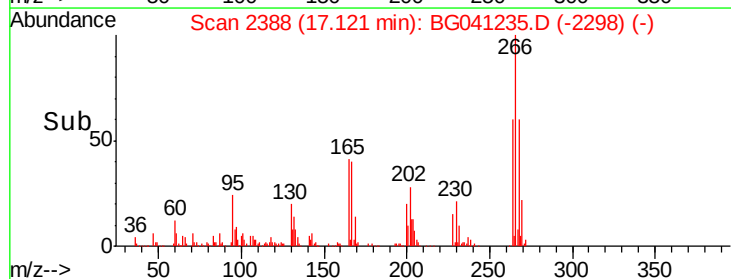
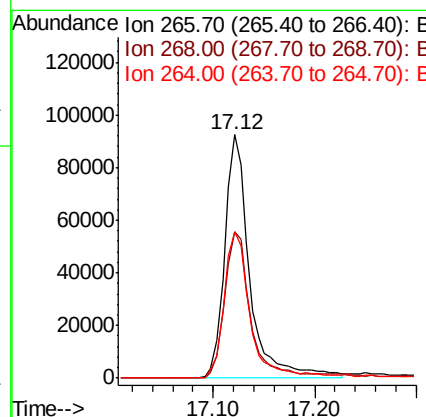
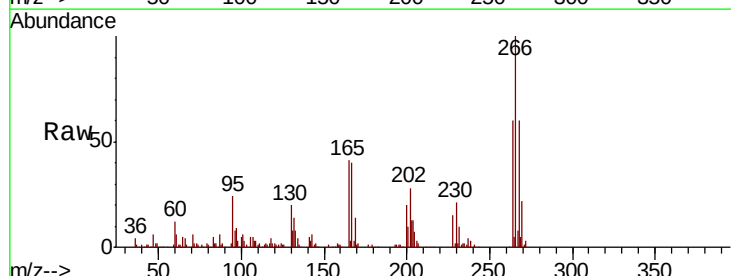
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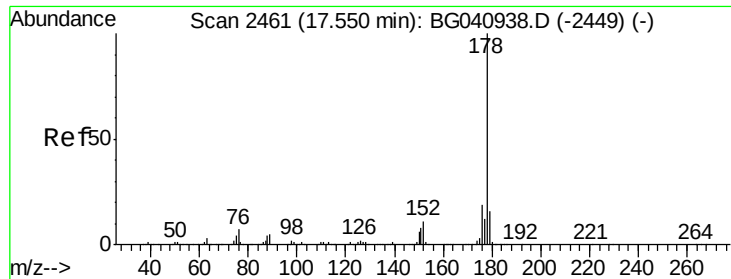
mohammad  
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#70  
Pentachlorophenol  
Concen: 74.620 ng  
RT: 17.12 min Scan# 2388  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 158624 |       |       |
| 268     | 59.9  | 53.1   | 79.7  |       |
| 264     | 60.0  | 49.9   | 74.9  |       |





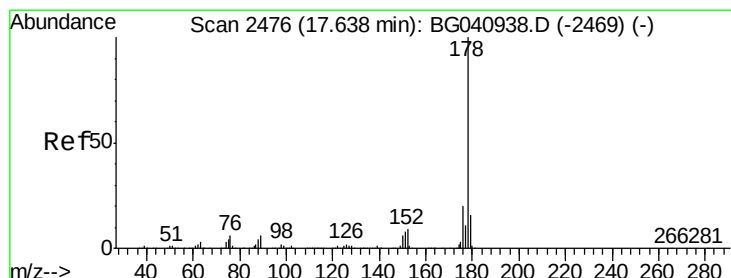
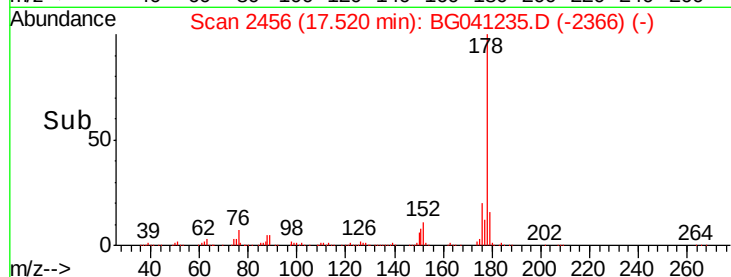
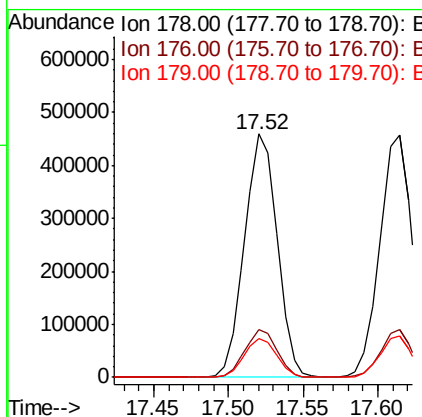
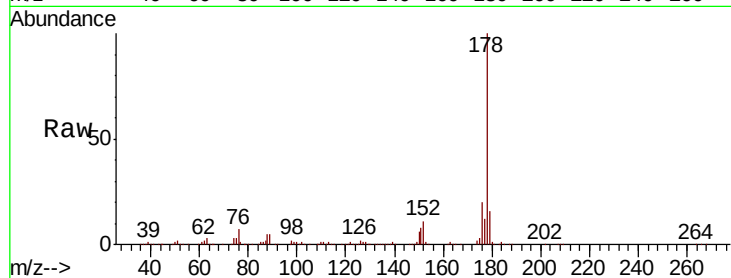
#71  
Phenanthrene  
Concen: 48.200 ng  
RT: 17.52 min Scan# 2456  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.5  | 23.3  |
| 179     | 16.1  | 12.7  | 19.1  |

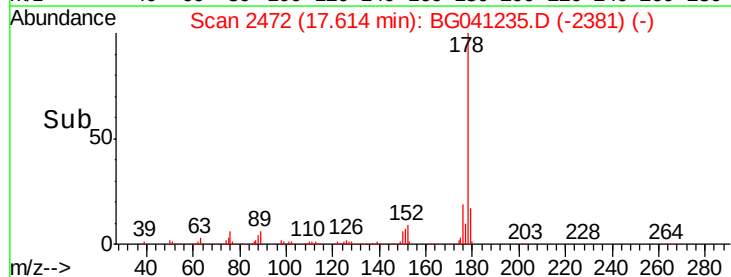
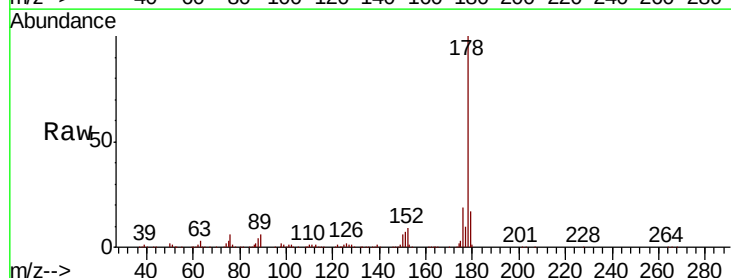
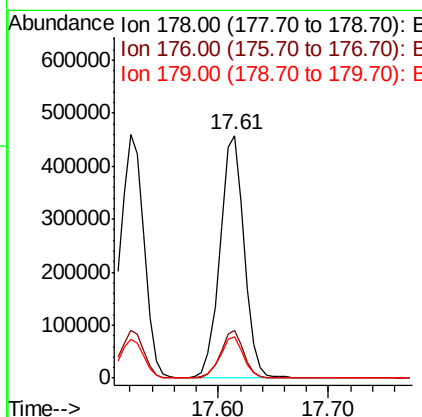
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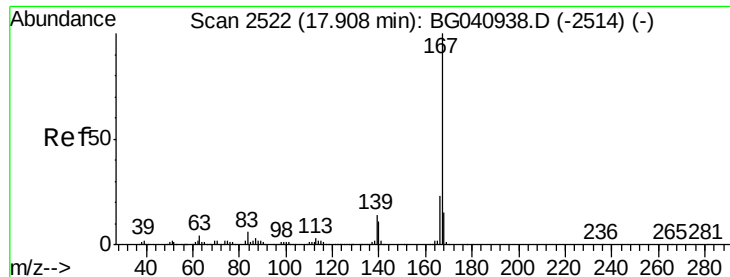


#72  
Anthracene  
Concen: 48.970 ng  
RT: 17.61 min Scan# 2472  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.6  | 23.4  |
| 179     | 16.8  | 13.0  | 19.4  |







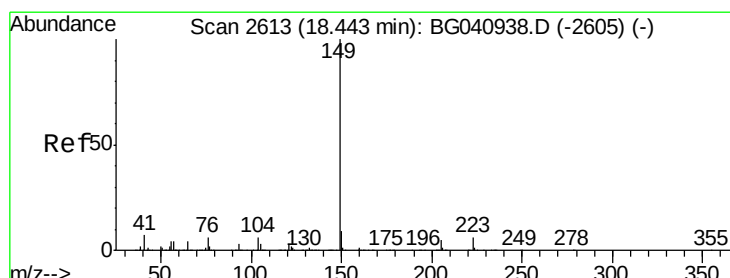
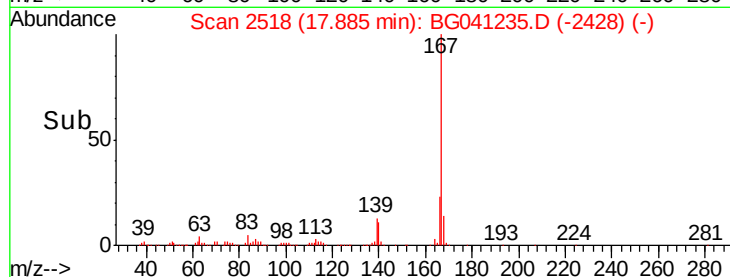
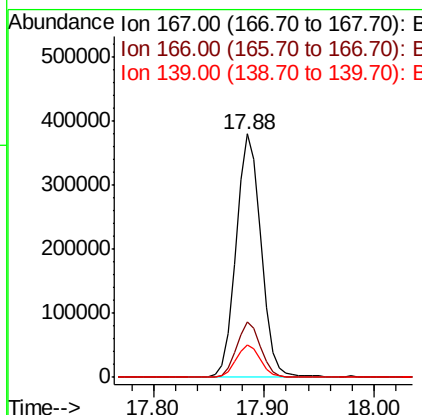
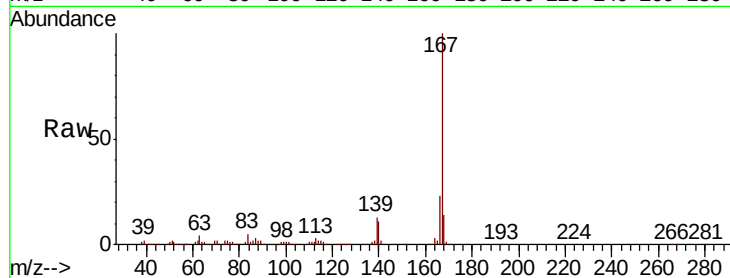
#73  
 Carbazole  
 Concen: 49.314 ng  
 RT: 17.88 min Scan# 2518  
 Delta R.T. -0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.7  | 18.2  | 27.4  |
| 139     | 13.2  | 10.8  | 16.2  |

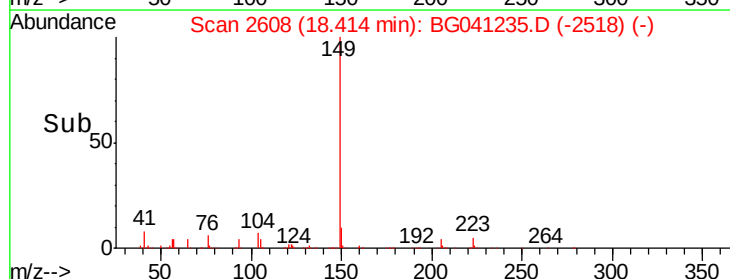
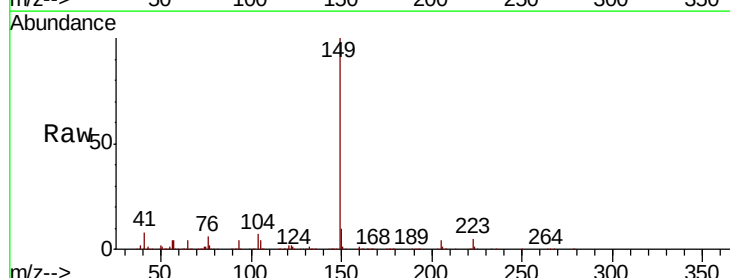
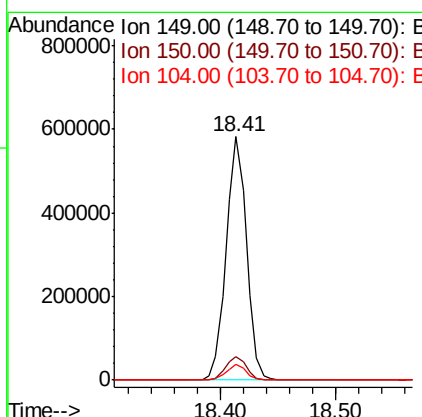
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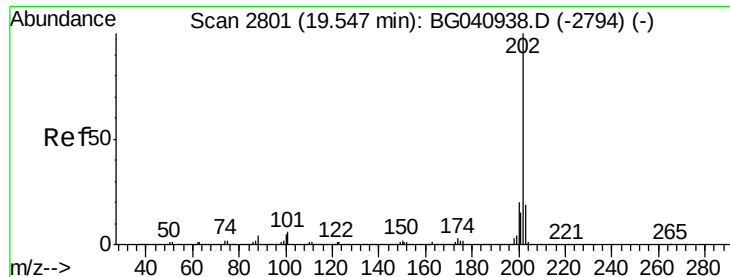
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#74  
 Di-n-butylphthalate  
 Concen: 46.862 ng  
 RT: 18.41 min Scan# 2608  
 Delta R.T. -0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.8   | 7.4   | 11.2  |
| 104     | 6.7   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 49.881 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

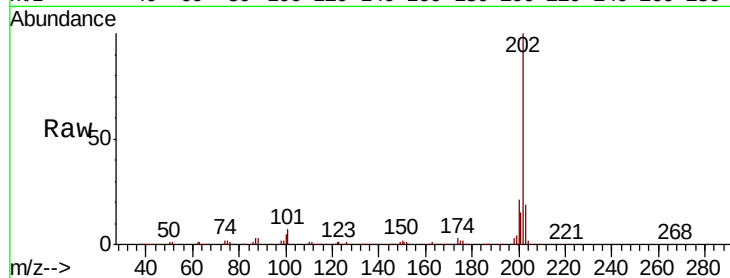
ClientSampleId :

OR-03-061119-AMS

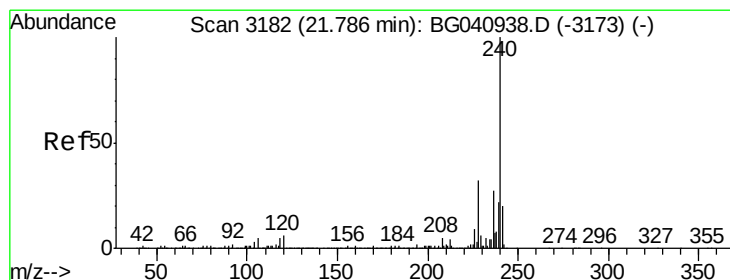
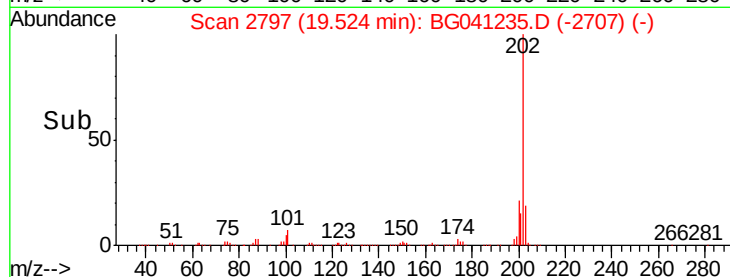
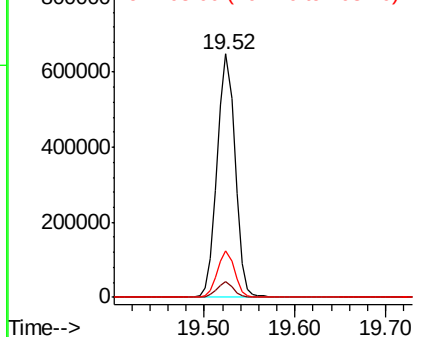
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 889793 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 101       | 6.5  | 0.0   | 26.2   |
| 203       | 18.9 | 0.0   | 38.7   |

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



#76

Chrysene-d12

Concen: 20.000 ng

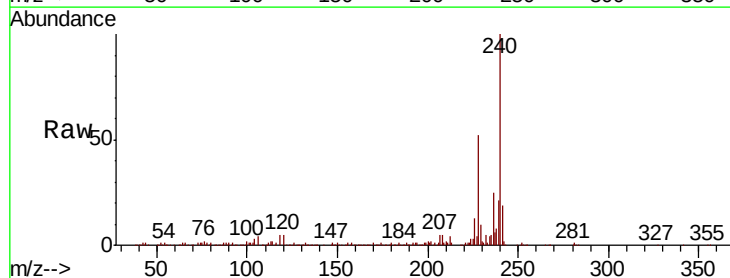
RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

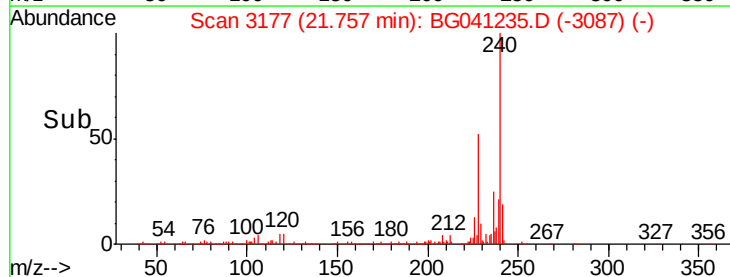
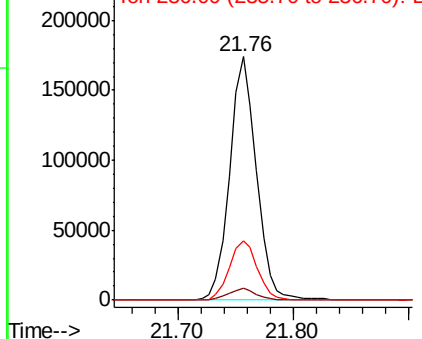
Lab File: BG041235.D

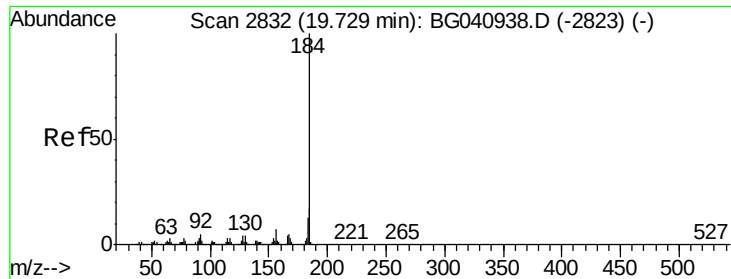
Acq: 14 Jun 2019 00:36

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 277435 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 4.9  | 4.5   | 6.7    |
| 236       | 24.5 | 21.3  | 31.9   |



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





#77

Benzidine

Concen: 2.182 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

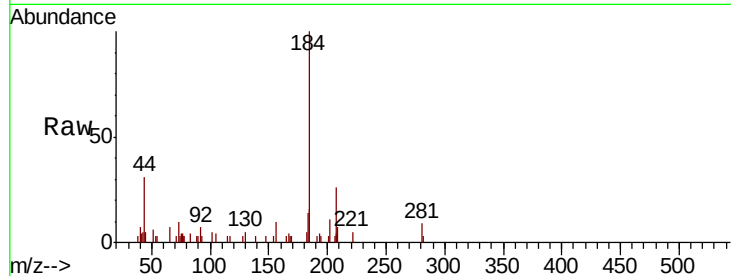
ClientSampleId :

OR-03-061119-AMS

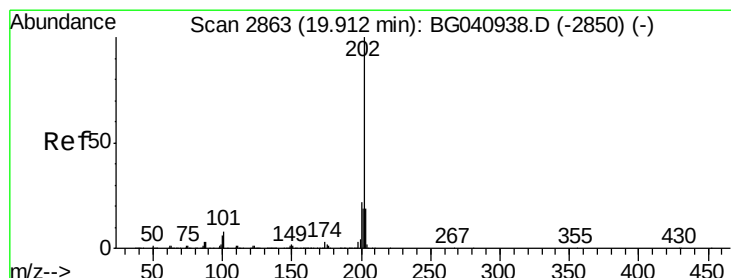
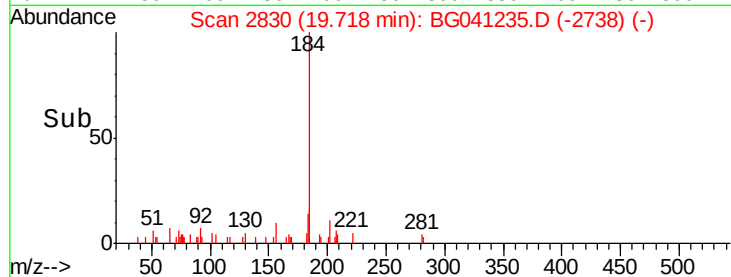
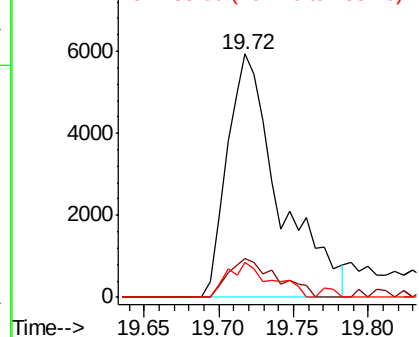
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 14441 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 15.8  | 13.3  | 19.9  |
| 183       | 14.3  | 10.7  | 16.1  |

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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: 49.937 ng

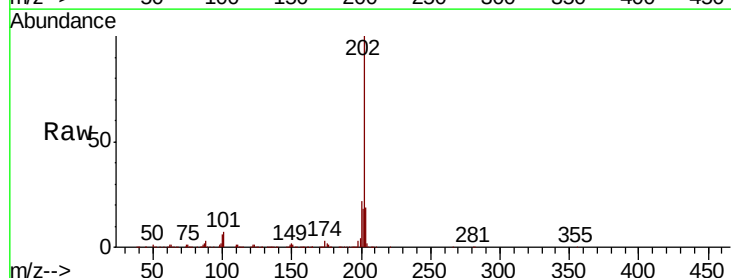
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

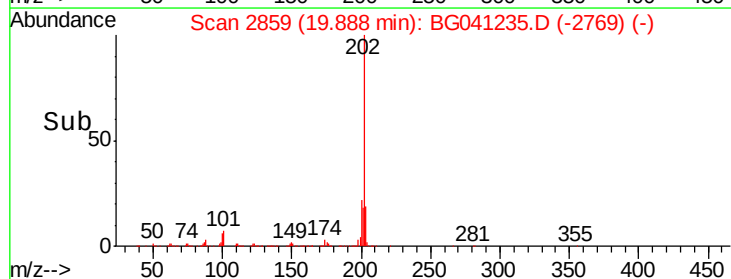
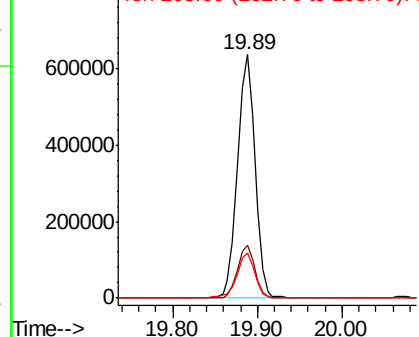
Lab File: BG041235.D

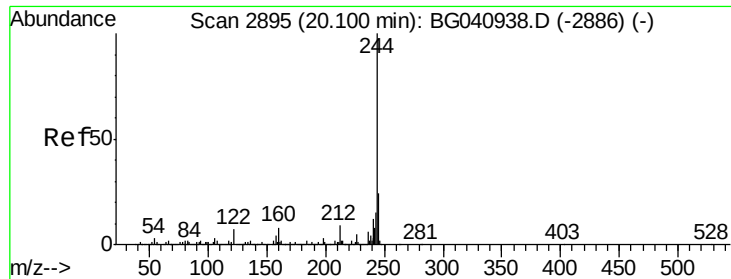
Acq: 14 Jun 2019 00:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 900622 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.9  | 17.5  | 26.3   |
| 203       | 18.6  | 15.6  | 23.4   |



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: 101.536 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

ClientSampleId :

OR-03-061119-AMS

Tot Ion:244 Resp: 1327293

Ion Ratio Lower Upper

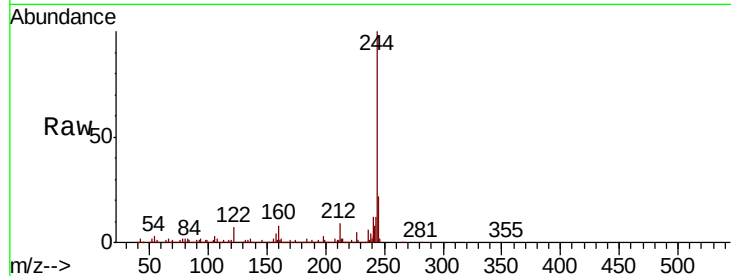
244 100

212 9.0 7.0 10.4

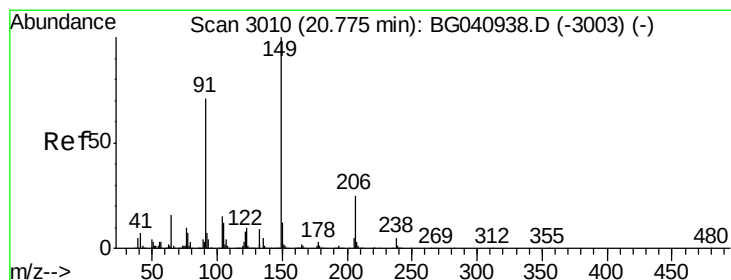
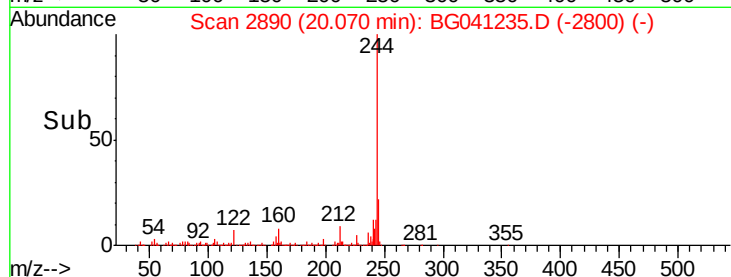
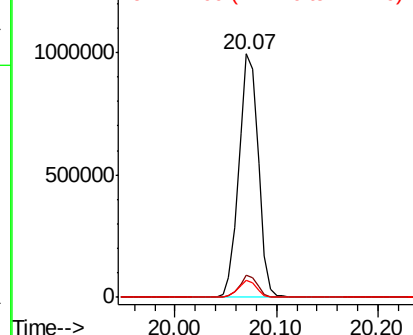
122 7.0 5.4 8.0

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.539 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

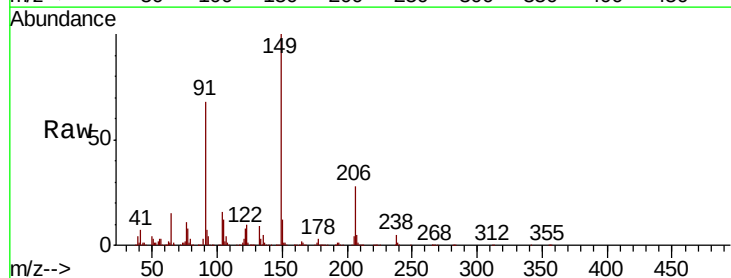
Tgt Ion:149 Resp: 333653

Ion Ratio Lower Upper

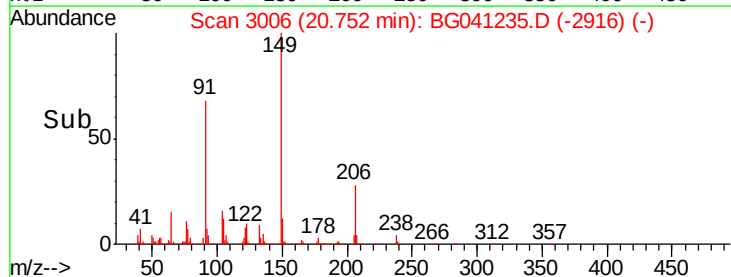
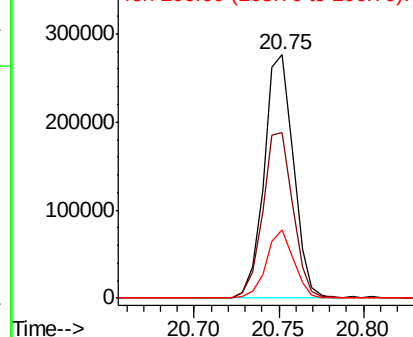
149 100

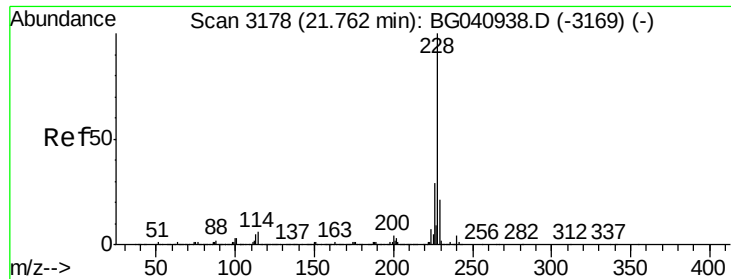
91 67.8 56.5 84.7

206 28.3 20.3 30.5



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.539 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

Instrument :

BNA\_G

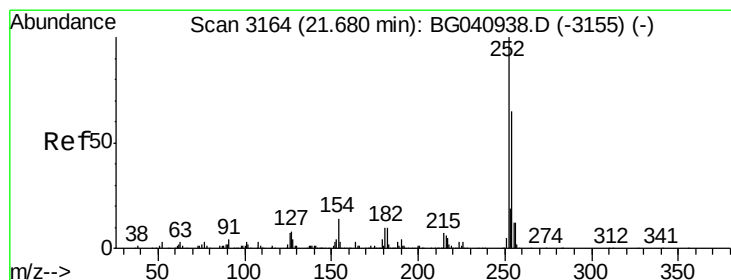
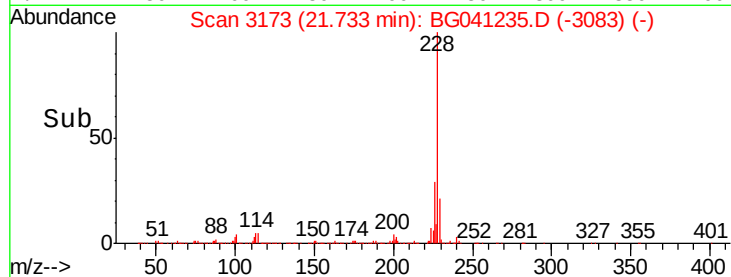
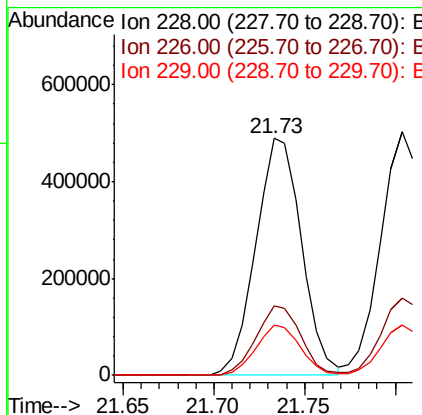
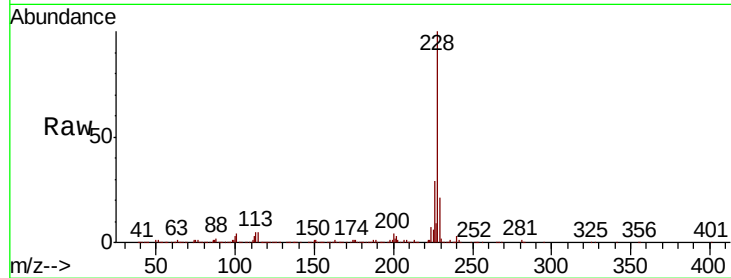
ClientSampleId :

OR-03-061119-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 859481 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.5  | 23.5  | 35.3   |
| 229       | 21.2  | 16.7  | 25.1   |

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#82

3,3'-Dichlorobenzidine

Concen: 10.957 ng

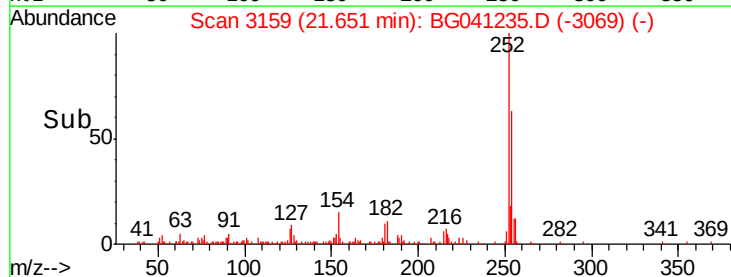
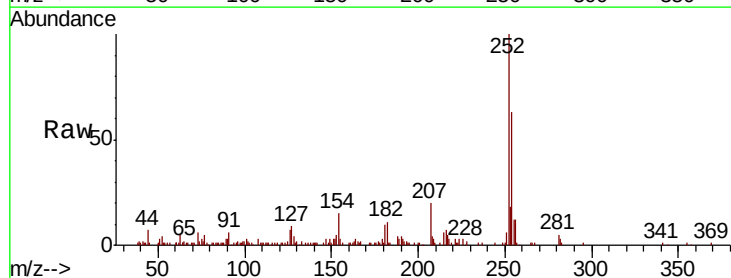
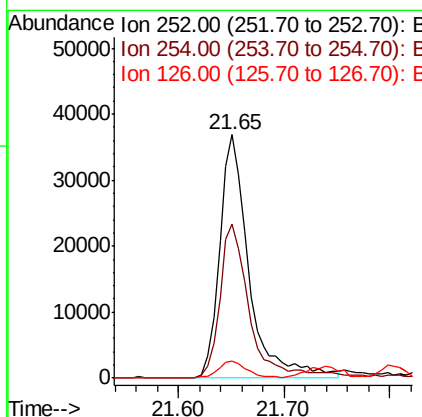
RT: 21.65 min Scan# 3159

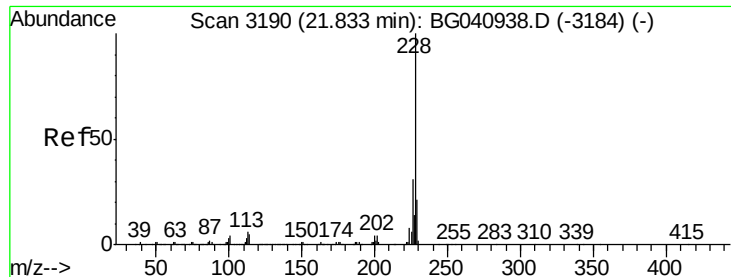
Delta R.T. -0.00 min

Lab File: BG041235.D

Acq: 14 Jun 2019 00:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 71170 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 63.0  | 52.1  | 78.1  |
| 126       | 7.1   | 5.5   | 8.3   |





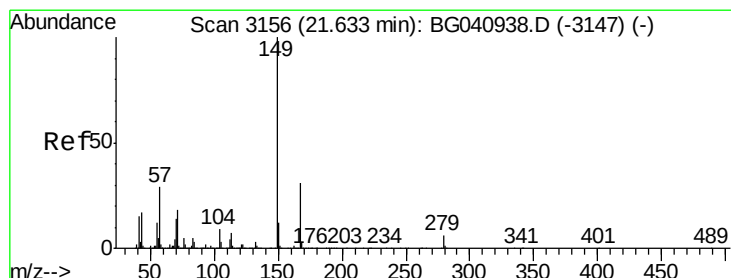
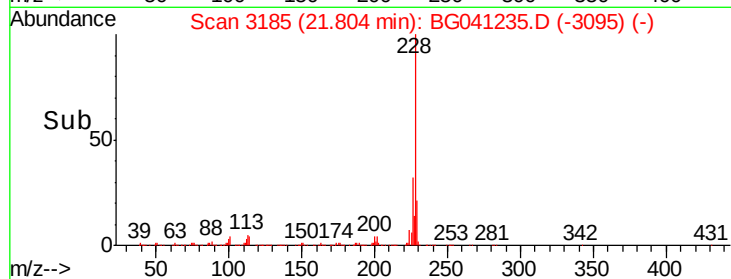
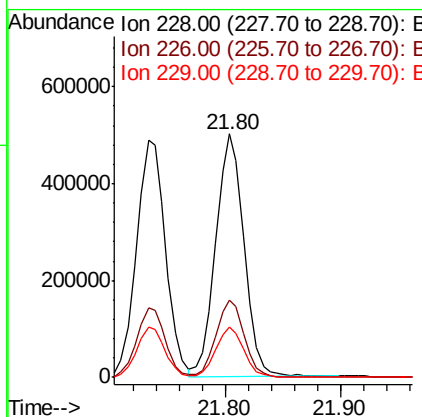
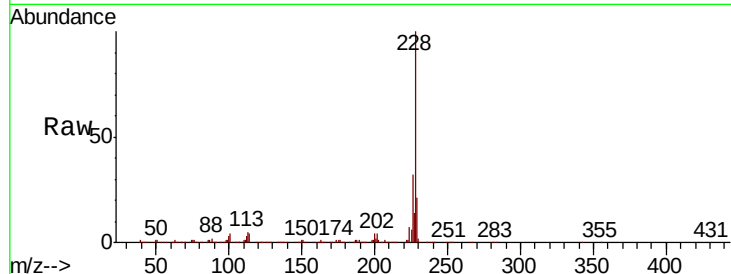
#83  
 Chrysene  
 Concen: 48.099 ng  
 RT: 21.80 min Scan# 3185  
 Delta R.T. -0.00 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 24.6  | 37.0  |
| 229     | 20.8  | 16.6  | 24.8  |

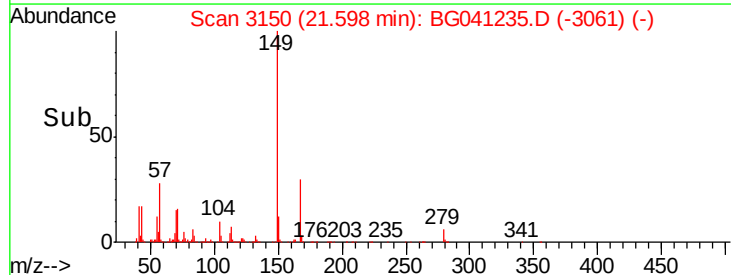
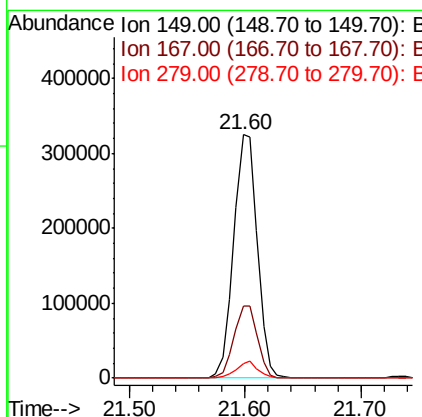
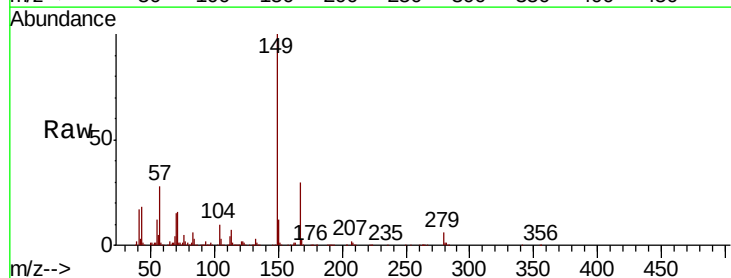
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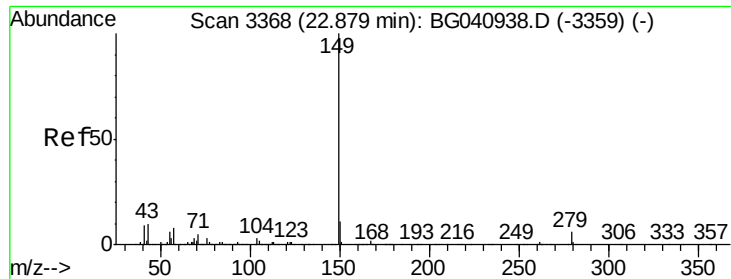
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.579 ng  
 RT: 21.60 min Scan# 3150  
 Delta R.T. -0.01 min  
 Lab File: BG041235.D  
 Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.6  | 24.6  | 37.0  |
| 279     | 6.2   | 5.0   | 7.6   |





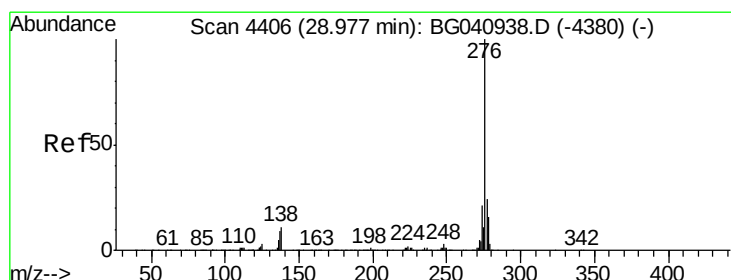
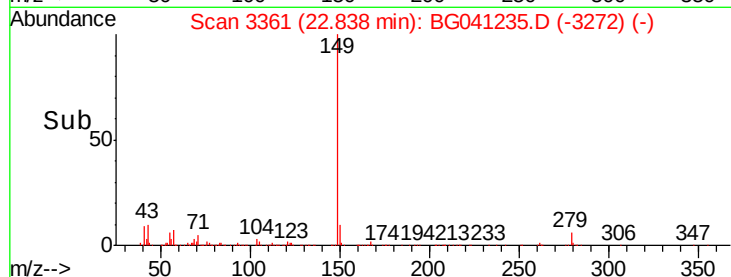
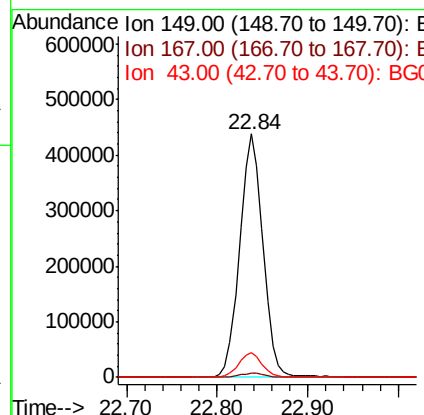
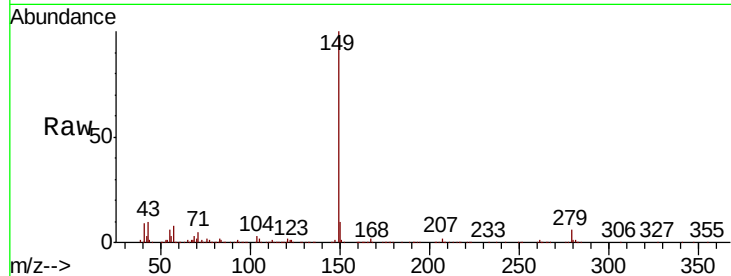
#85  
Di-n-octyl phthalate  
Concen: 47.483 ng  
RT: 22.84 min Scan# 3361  
Delta R.T. -0.01 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.8   | 1.4        | 2.0   |
| 43      | 10.2  | 8.1        | 12.1  |

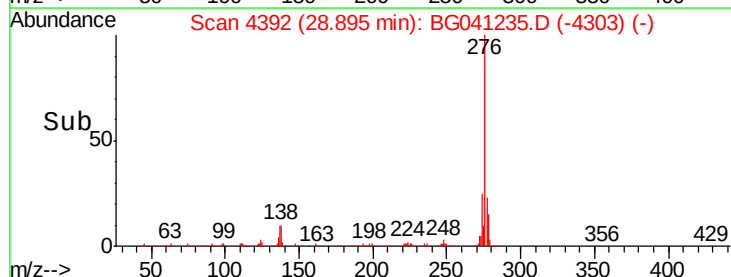
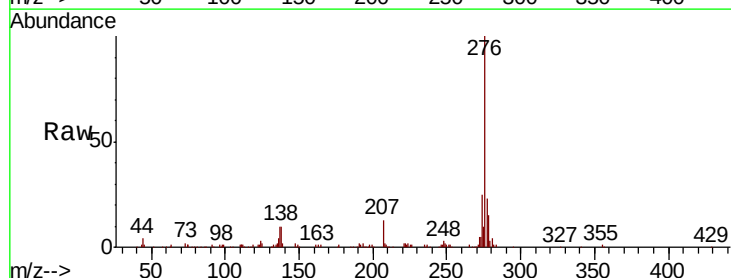
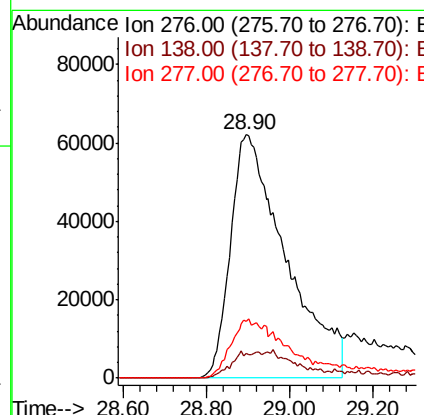
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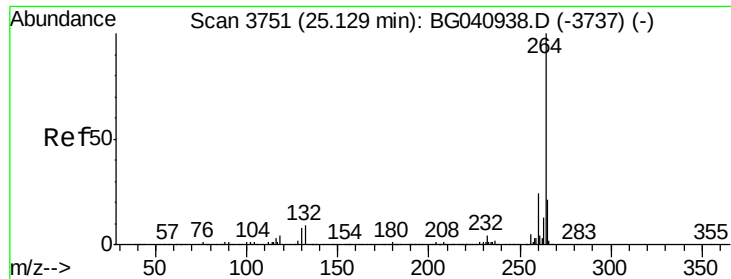
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 26.539 ng  
RT: 28.90 min Scan# 4392  
Delta R.T. -0.01 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 3.6   | 5.7        | 8.5#  |
| 277     | 22.8  | 20.8       | 31.2  |





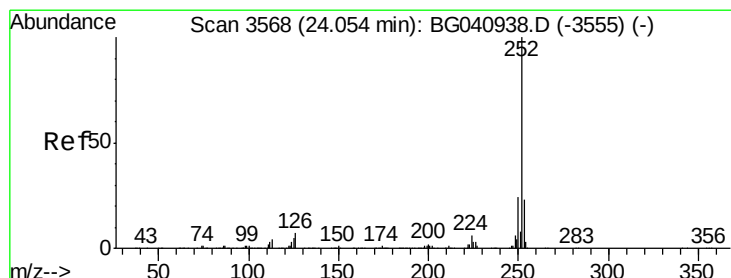
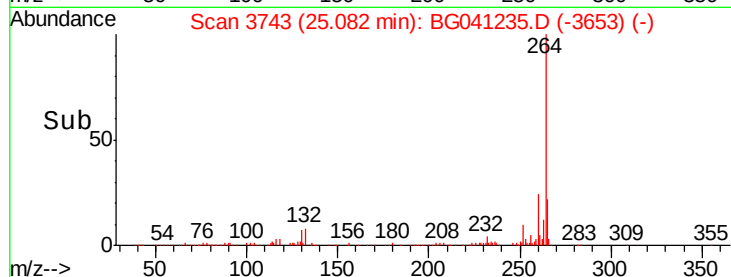
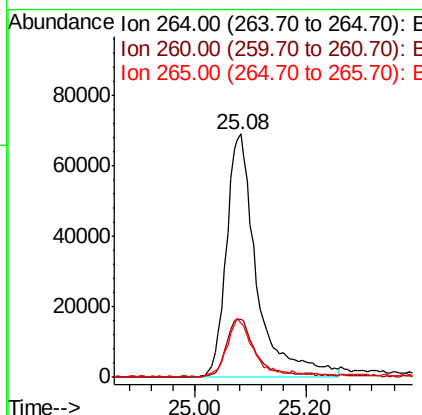
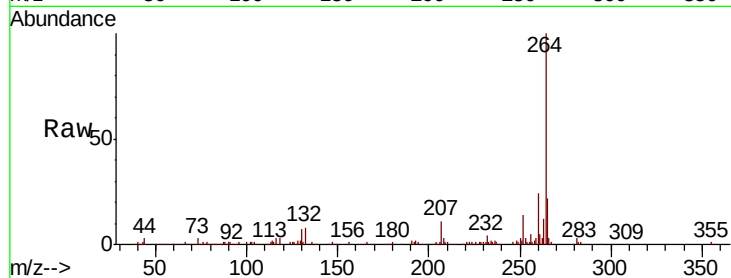
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.08 min Scan# 3743  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.0  | 28.4  |
| 265     | 22.0  | 17.0  | 25.4  |

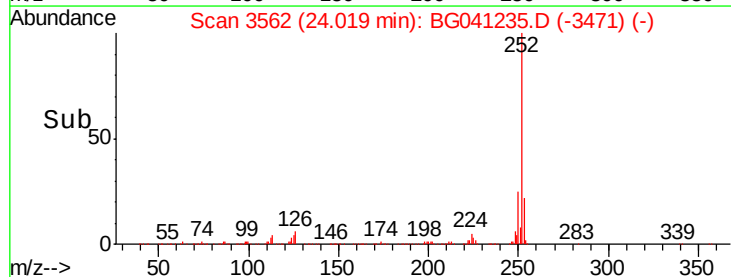
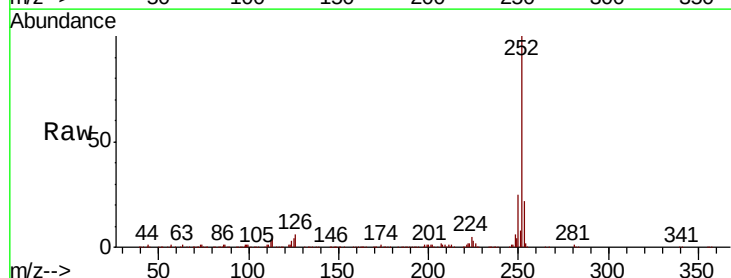
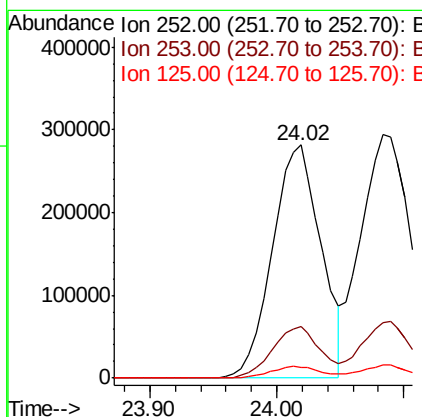
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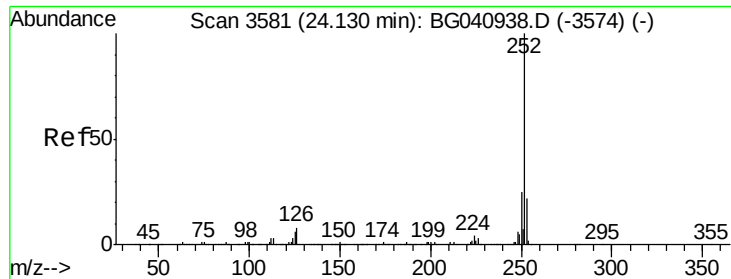


#88  
Benzo(b)fluoranthene  
Concen: 46.436 ng  
RT: 24.02 min Scan# 3562  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.4  | 27.6  |
| 125     | 4.3   | 4.3   | 6.5   |







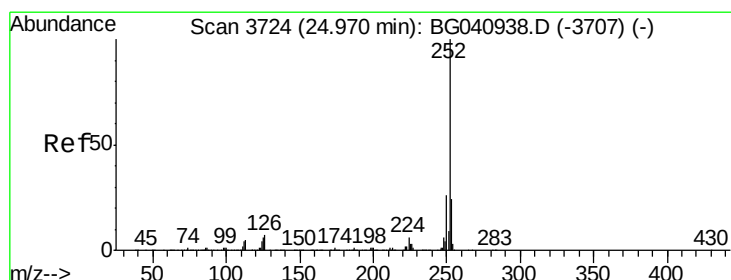
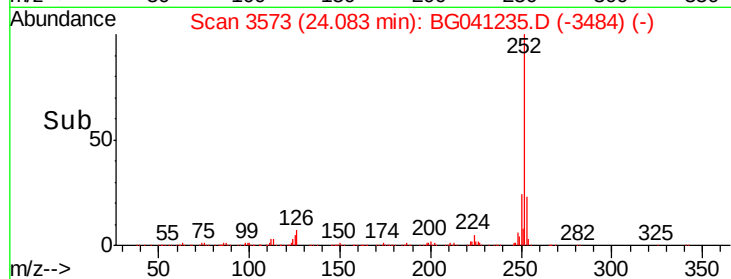
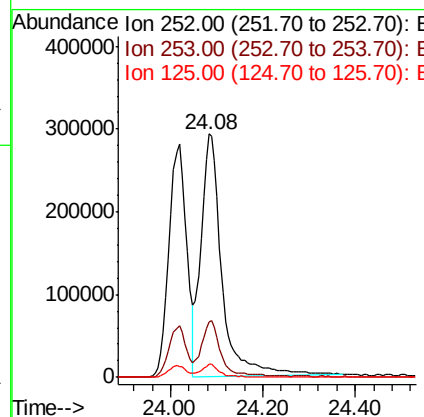
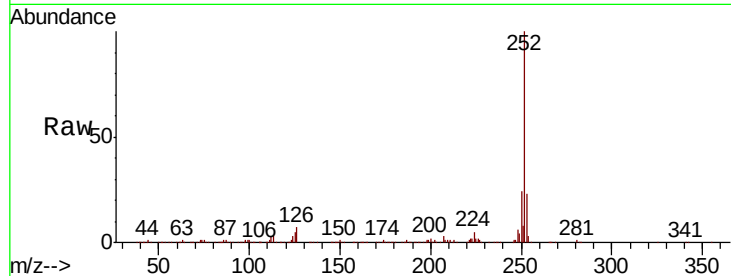
#89  
Benzo(k)fluoranthene  
Concen: 58.514 ng  
RT: 24.08 min Scan# 3573  
Delta R.T. -0.01 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.8  | 26.6  |
| 125     | 5.4   | 4.7   | 7.1   |

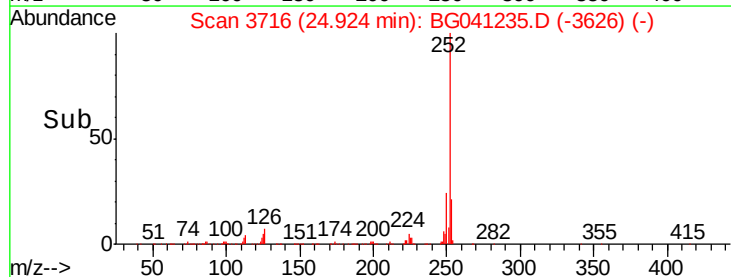
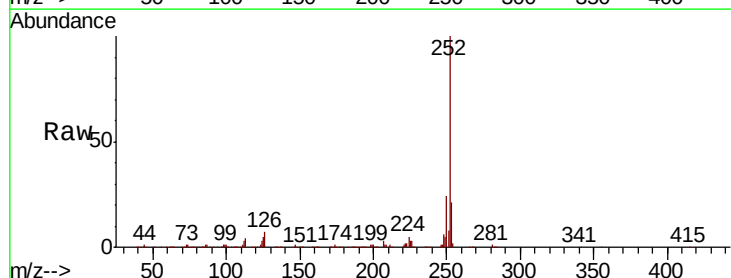
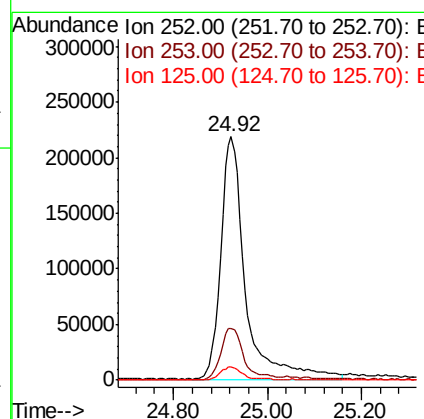
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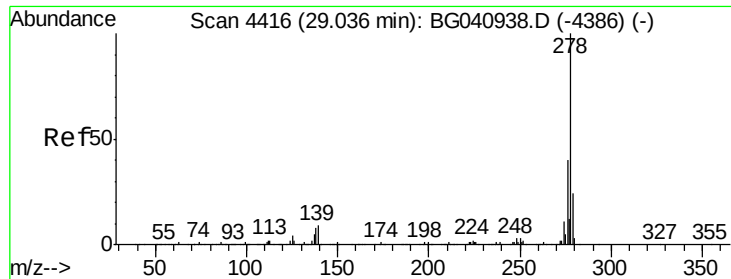
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#90  
Benzo(a)pyrene  
Concen: 51.801 ng  
RT: 24.92 min Scan# 3716  
Delta R.T. -0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 19.5  | 29.3  |
| 125     | 5.3   | 5.1   | 7.7   |





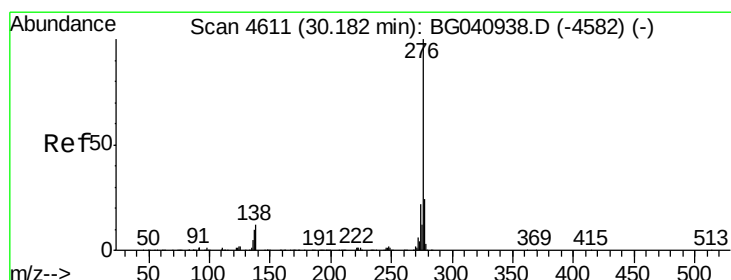
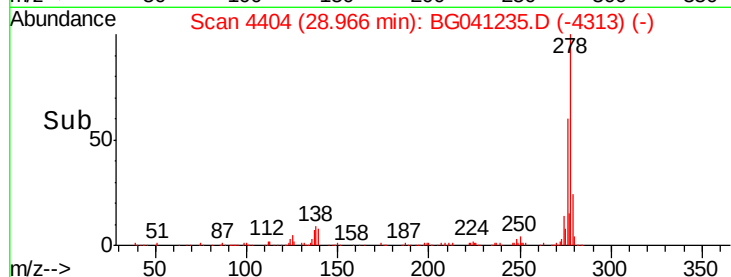
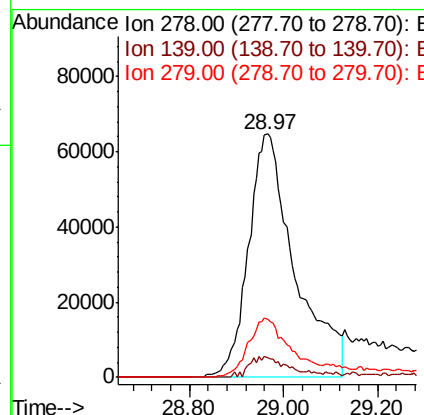
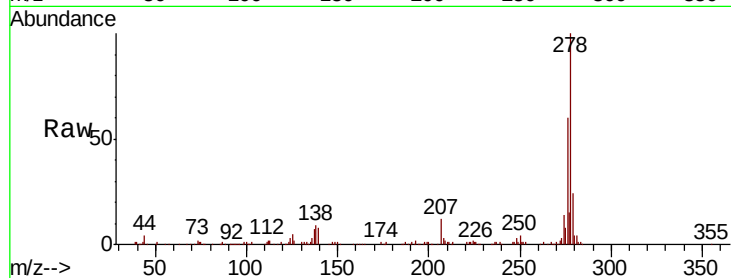
#91  
Dibenzo(a,h)anthracene  
Concen: 28.873 ng  
RT: 28.97 min Scan# 4404  
Delta R.T. 0.00 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-061119-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.1   | 7.1   | 10.7  |
| 279     | 23.6  | 19.4  | 29.2  |

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#92  
Benzo(g,h,i)perylene  
Concen: 27.597 ng  
RT: 30.11 min Scan# 4598  
Delta R.T. -0.01 min  
Lab File: BG041235.D  
Acq: 14 Jun 2019 00:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.1  | 19.4  | 29.0  |
| 138     | 10.2  | 9.7   | 14.5  |

