

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\  
 Data File : BG046202.D  
 Acq On : 7 Aug 2020 20:57  
 Operator : CG/JU  
 Sample : L3553-04MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

Manual Integrations  
 APPROVED

mohammad  
 8/10/2020 3:43:57 PM

Quant Time: Aug 08 01:03:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 18:43:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 99534    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.75 | 136  | 381168   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.58 | 164  | 257661   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.32 | 188  | 625192   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.57 | 240  | 691268   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.67 | 264  | 747626   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.54  | 112 | 579412  | 101.19 | ng | 0.00 |
| 7) Phenol-d6                | 7.12  | 99  | 680358  | 87.19  | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.11  | 82  | 532338  | 75.62  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.07 | 330 | 496965  | 125.57 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.21 | 172 | 1337524 | 75.41  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.93 | 244 | 2228436 | 65.65  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.45  | 88  | 78632  | 30.172 | ng | # 25 |
| 3) Pyridine                    | 3.85  | 79  | 182450 | 25.431 | ng | 95   |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 101869 | 33.362 | ng | # 89 |
| 6) Aniline                     | 7.28  | 93  | 174491 | 18.785 | ng | 99   |
| 8) 2-Chlorophenol              | 7.52  | 128 | 261864 | 41.378 | ng | 96   |
| 9) Benzaldehyde                | 7.08  | 77  | 149304 | 32.244 | ng | 96   |
| 10) Phenol                     | 7.15  | 94  | 274283 | 34.983 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 7.37  | 93  | 250460 | 40.161 | ng | 100  |
| 12) 1,3-Dichlorobenzene        | 7.84  | 146 | 287869 | 37.528 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 287174 | 37.282 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 8.31  | 146 | 282063 | 38.828 | ng | 98   |
| 15) Benzyl Alcohol             | 8.19  | 79  | 226525 | 42.020 | ng | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 384923 | 37.648 | ng | 98   |
| 17) 2-Methylphenol             | 8.39  | 107 | 222634 | 42.061 | ng | 99   |
| 18) Hexachloroethane           | 9.03  | 117 | 97245  | 37.749 | ng | 97   |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 199004 | 39.185 | ng | 97   |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 303210 | 41.852 | ng | 98   |
| 22) Acetophenone               | 8.77  | 105 | 386958 | 39.557 | ng | # 97 |
| 24) Nitrobenzene               | 9.15  | 77  | 278577 | 37.114 | ng | 95   |
| 25) Isophorone                 | 9.67  | 82  | 550794 | 39.319 | ng | 98   |
| 26) 2-Nitrophenol              | 9.86  | 139 | 151686 | 44.590 | ng | 100  |
| 27) 2,4-Dimethylphenol         | 9.92  | 122 | 248102 | 44.828 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93  | 341908 | 44.887 | ng | 100  |
| 29) 2,4-Dichlorophenol         | 10.40 | 162 | 287242 | 44.120 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.62 | 180 | 302830 | 39.706 | ng | 99   |
| 31) Naphthalene                | 10.80 | 128 | 784016 | 38.874 | ng | 99   |
| 32) Benzoic acid               | 10.03 | 122 | 61749  | 21.611 | ng | 95   |
| 33) 4-Chloroaniline            | 10.90 | 127 | 37359  | 4.533  | ng | # 94 |
| 34) Hexachlorobutadiene        | 11.10 | 225 | 192352 | 37.886 | ng | 98   |
| 35) Caprolactam                | 11.67 | 113 | 88344m | 41.458 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.03 | 107 | 282299 | 44.185 | ng | 94   |
| 37) 2-Methylnaphthalene        | 12.41 | 142 | 622539 | 40.115 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.62 | 142 | 592973 | 40.379 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 365023 | 39.319 | ng | 99   |

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 ALS Vial : 16 Sample Multiplier: 1

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 ClientSampleId :  
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Manual Integrations  
 APPROVED

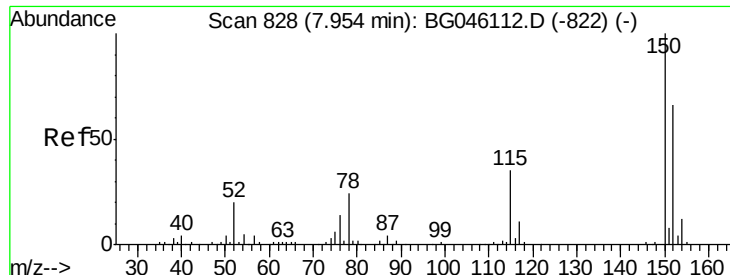
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Quant Time: Aug 08 01:03:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 18:43:49 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.77 | 237  | 441978   | 83.001 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.01 | 196  | 261975   | 44.231 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.08 | 196  | 284568   | 44.034 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.41 | 154  | 817068   | 40.424 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.45 | 162  | 632702   | 39.242 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.65 | 65   | 183550   | 43.432 | ng    | 95       |
| 49) Acenaphthylene             | 14.30 | 152  | 1020473  | 40.760 | ng    | 98       |
| 50) Dimethylphthalate          | 14.03 | 163  | 853894   | 43.178 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.15 | 165  | 192505   | 41.827 | ng    | 92       |
| 52) Acenaphthene               | 14.64 | 154  | 640401   | 38.757 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.47 | 138  | 70813    | 15.520 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.67 | 184  | 49300    | 22.480 | ng    | 94       |
| 55) Dibenzofuran               | 14.97 | 168  | 993228   | 39.836 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.79 | 139  | 325275   | 82.110 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.93 | 165  | 274691   | 43.409 | ng    | 93       |
| 58) Fluorene                   | 15.63 | 166  | 829400   | 41.077 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.20 | 232  | 286126   | 47.005 | ng    | 98       |
| 60) Diethylphthalate           | 15.40 | 149  | 839069   | 43.131 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.62 | 204  | 454448   | 43.093 | ng    | 95       |
| 62) 4-Nitroaniline             | 15.64 | 138  | 210080   | 45.779 | ng    | 96       |
| 63) Azobenzene                 | 15.91 | 77   | 716552   | 39.302 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.70 | 198  | 75403    | 18.237 | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 15.83 | 169  | 764479   | 40.396 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.51 | 248  | 328321   | 42.508 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.63 | 284  | 368112   | 42.504 | ng    | 97       |
| 69) Atrazine                   | 16.78 | 200  | 293318   | 40.251 | ng    | 99       |
| 70) Pentachlorophenol          | 16.97 | 266  | 301296   | 53.617 | ng    | 98       |
| 71) Phenanthrene               | 17.36 | 178  | 1377899  | 40.234 | ng    | 99       |
| 72) Anthracene                 | 17.45 | 178  | 1410451  | 41.405 | ng    | 99       |
| 73) Carbazole                  | 17.72 | 167  | 1350260  | 41.107 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.29 | 149  | 1501941  | 43.744 | ng    | 99       |
| 75) Fluoranthene               | 19.37 | 202  | 1780426  | 41.642 | ng    | 99       |
| 77) Benzidine                  | 19.55 | 184  | 361025   | 18.438 | ng    | 98       |
| 78) Pyrene                     | 19.73 | 202  | 1779248  | 38.307 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.62 | 149  | 722028   | 42.914 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.55 | 228  | 1830427  | 39.568 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 354766   | 18.468 | ng    | 99       |
| 83) Chrysene                   | 21.61 | 228  | 1751381  | 38.648 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.47 | 149  | 1026413  | 42.671 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.65 | 149  | 1775022  | 43.583 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.19 | 276  | 2452958  | 43.021 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 23.69 | 252  | 1993134  | 39.783 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.76 | 252  | 1998629  | 40.672 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.53 | 252  | 1877150  | 40.265 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.25 | 278  | 2010242  | 42.174 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.29 | 276  | 2048118  | 42.547 | ng    | 98       |

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





#1

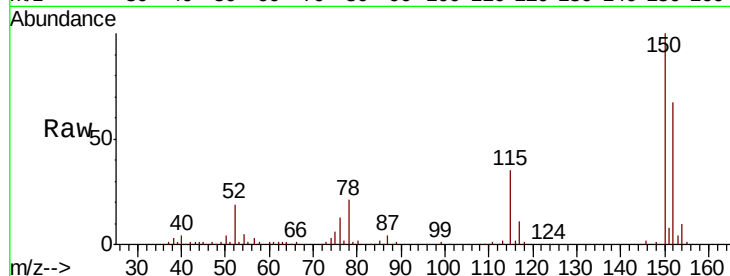
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampled :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.9 | 122.1 | 183.1 |
| 115     | 52.2  | 43.2  | 64.8  |

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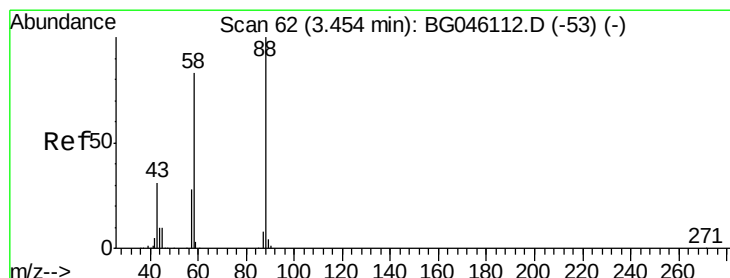
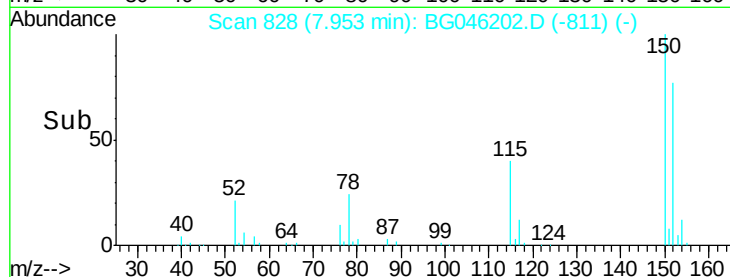
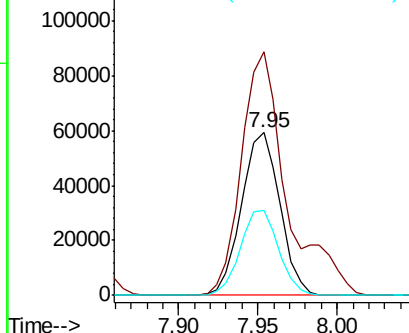


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

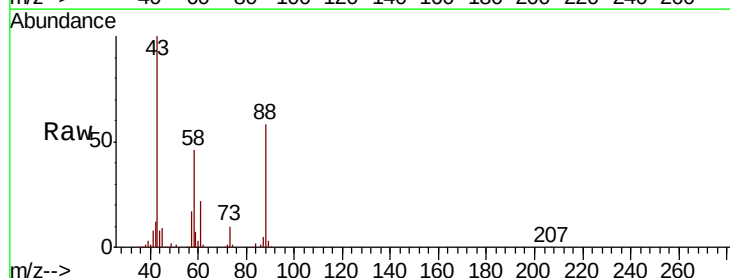
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 30.172 ng  
RT: 3.45 min Scan# 62  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.7  | 66.5  | 99.7  |
| 43      | 177.4 | 23.8  | 35.8# |

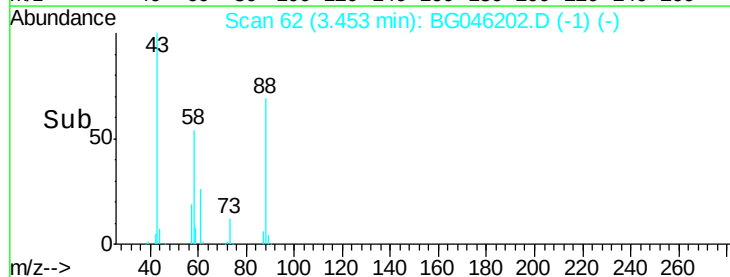
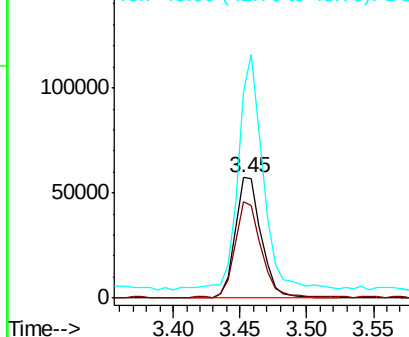


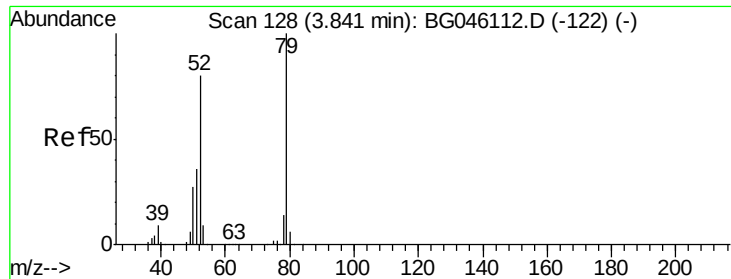
Abundance

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





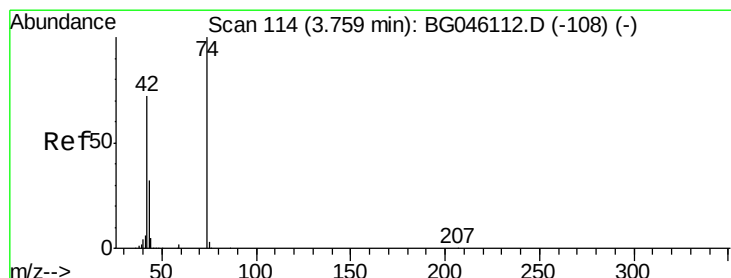
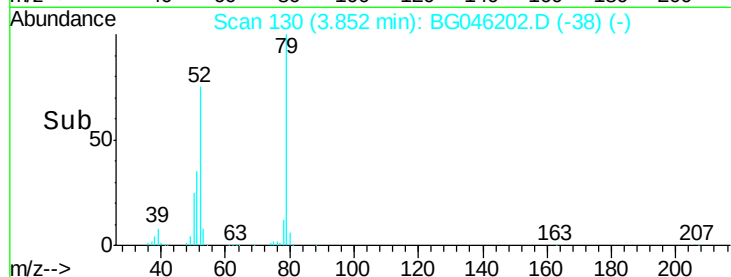
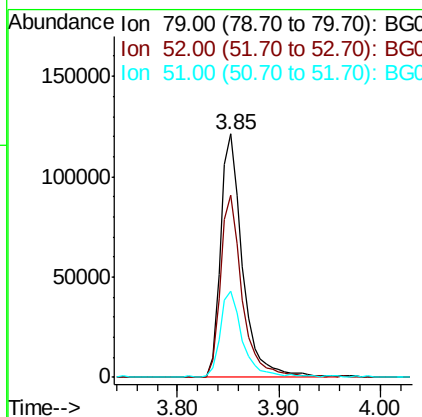
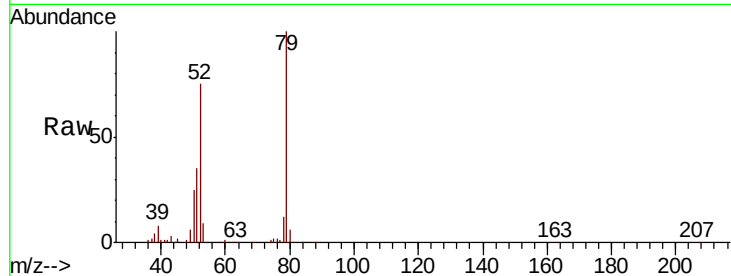
#3  
 Pvridine  
 Concen: 25.431 ng  
 RT: 3.85 min Scan# 130  
 Delta R.T. 0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 52      | 74.6  | 64.3 | 96.5  |       |
| 51      | 35.5  | 29.8 | 44.6  |       |

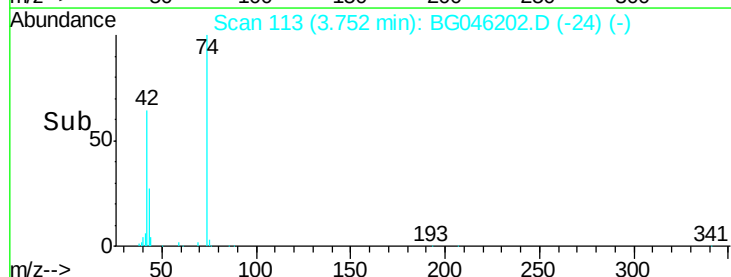
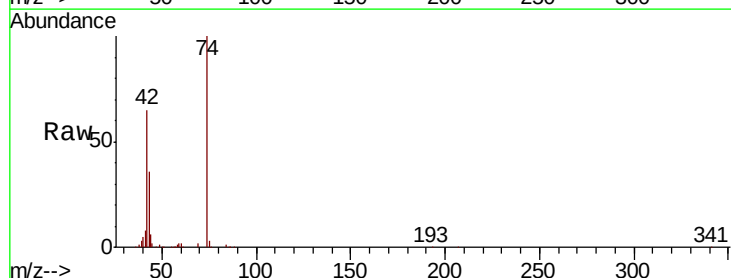
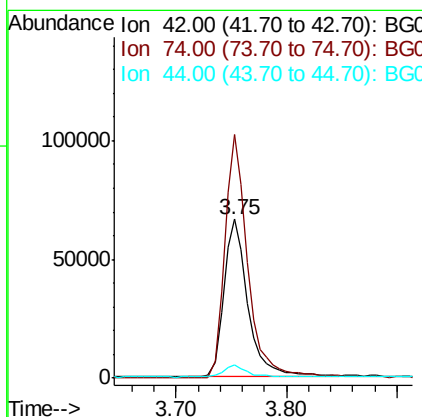
Manual Integrations  
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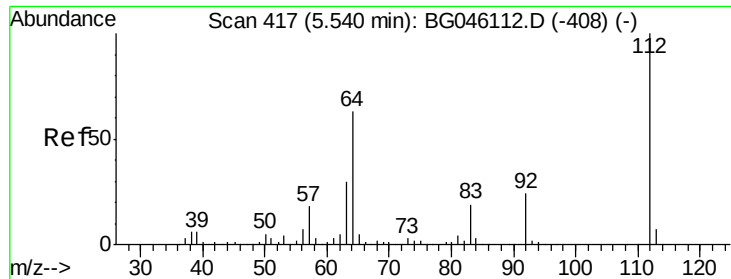
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#4  
 n-Nitrosodimethylamine  
 Concen: 33.362 ng  
 RT: 3.75 min Scan# 113  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   |       |       |       |
| 74      | 153.2 | 111.6 | 167.4 |       |
| 44      | 8.5   | 5.7   | 8.5#  |       |





#5

2-Fluorophenol

Concen: 101.195 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

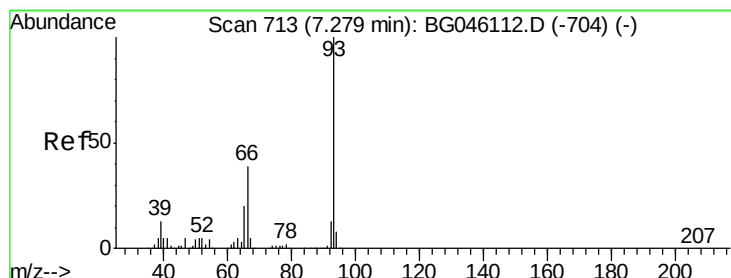
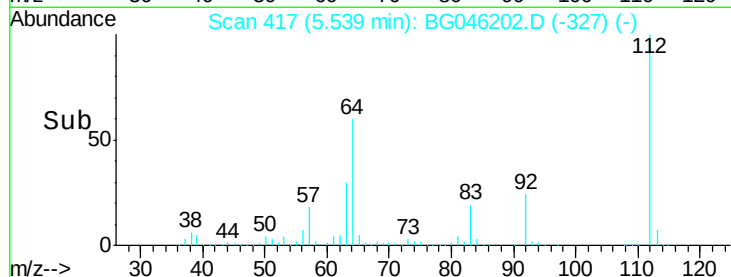
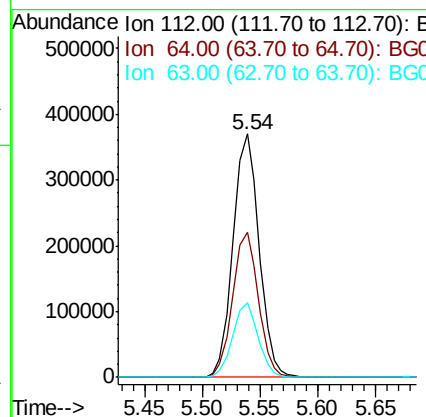
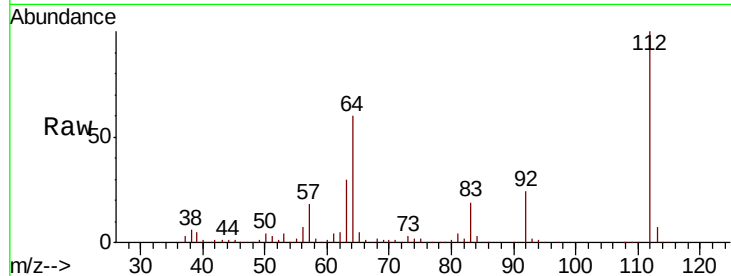
ClientSampled :

JB-1AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 579412 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.7  | 50.2  | 75.2   |
| 63        | 30.5  | 24.2  | 36.4   |

Manual Integrations  
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#6

Aniline

Concen: 18.785 ng

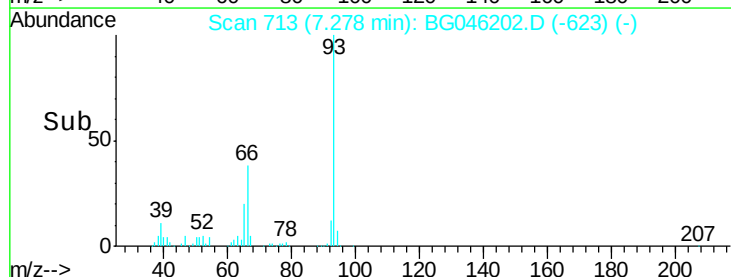
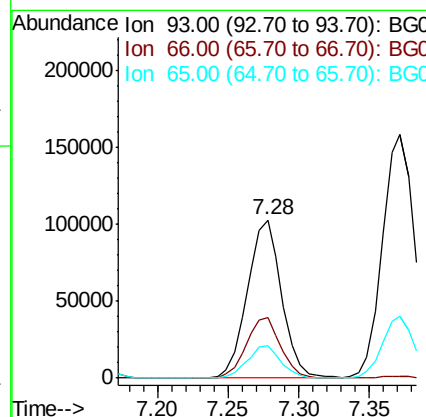
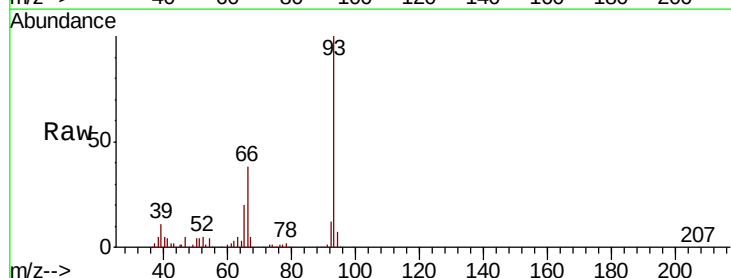
RT: 7.28 min Scan# 713

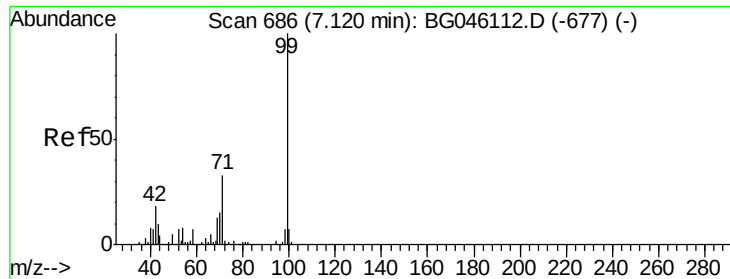
Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 174491 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.2  | 31.0  | 46.4   |
| 65        | 20.2  | 15.9  | 23.9   |





#7

Phenol-d6

Concen: 87.188 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

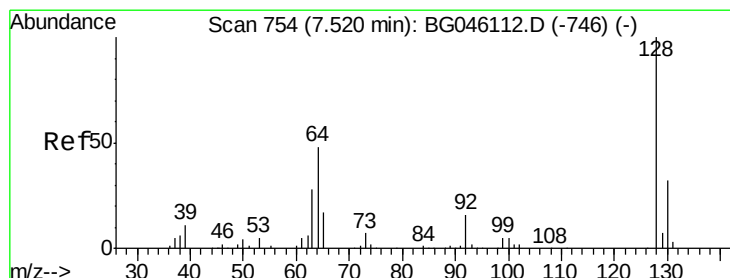
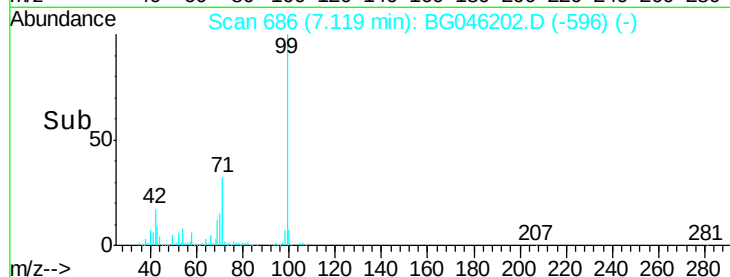
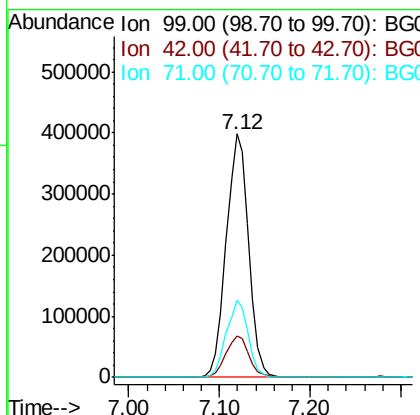
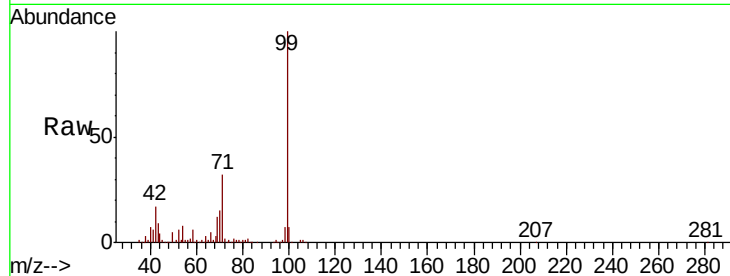
ClientSampled :

JB-1AMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 680358 |       |       |
| 42      | 17.0 | 14.7  | 22.1   |       |       |
| 71      | 31.5 | 26.5  | 39.7   |       |       |

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#8

2-Chlorophenol

Concen: 41.378 ng

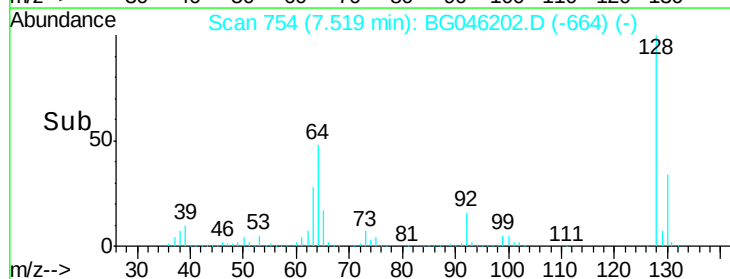
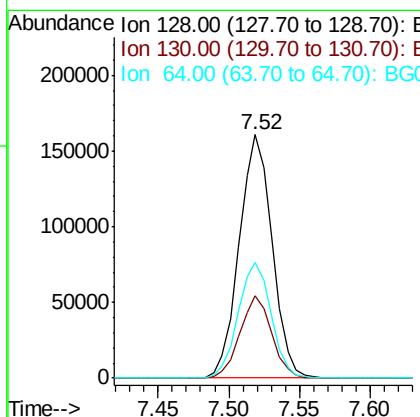
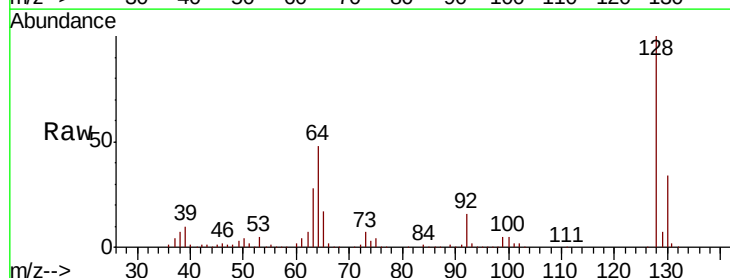
RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

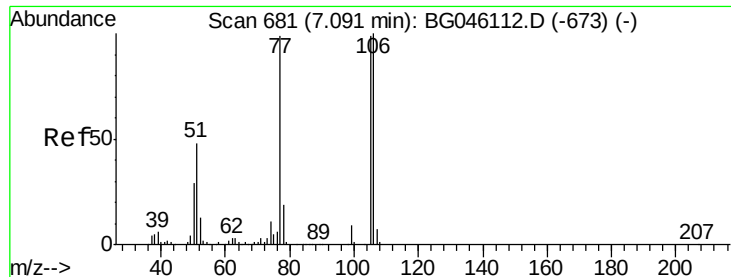
Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 261864 |       |       |
| 130     | 33.8 | 11.6  | 51.6   |       |       |
| 64      | 47.5 | 30.6  | 70.6   |       |       |







#9

Benzaldehyde

Concen: 32.244 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

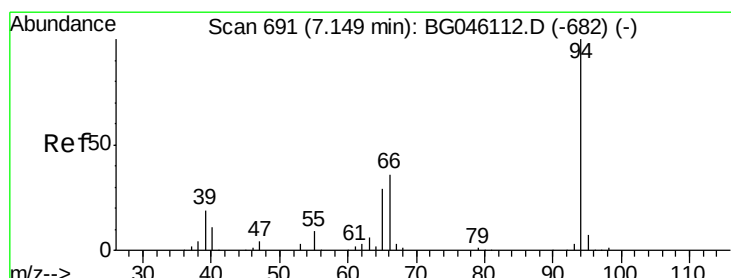
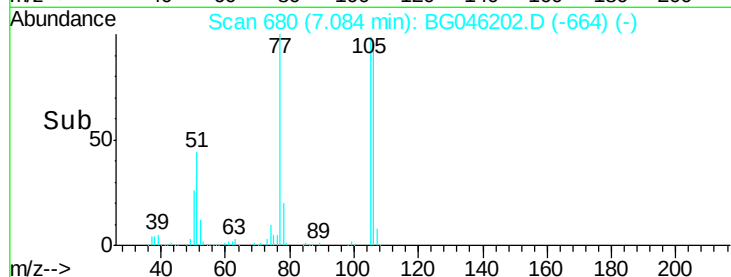
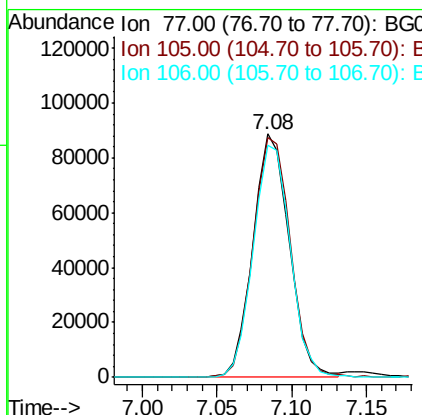
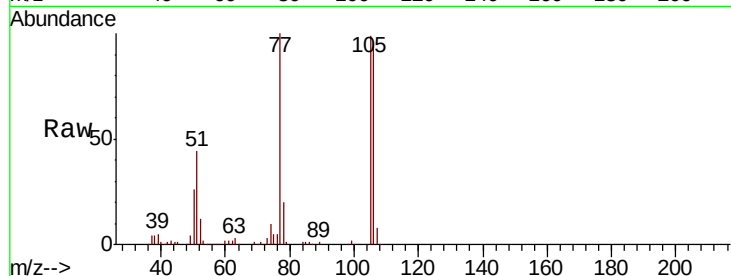
ClientSampleId :

JB-1AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 149304 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 98.5  | 80.3  | 120.3  |
| 106      | 95.1  | 81.5  | 121.5  |

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#10

Phenol

Concen: 34.983 ng

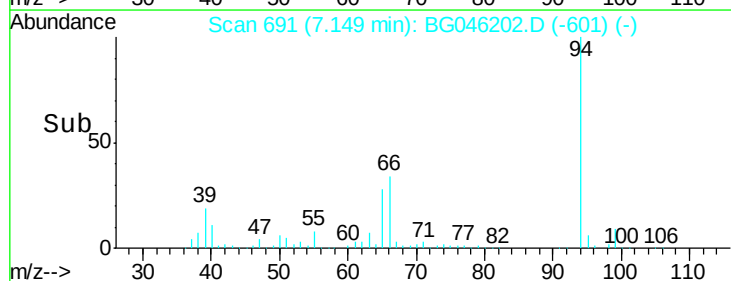
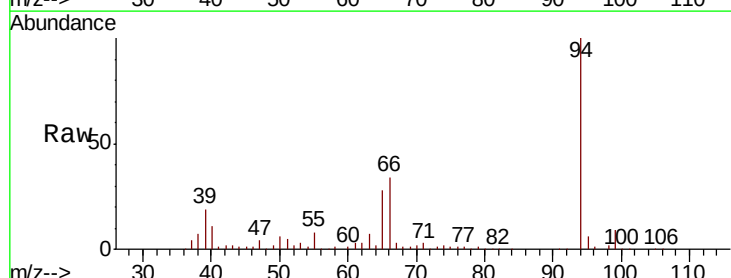
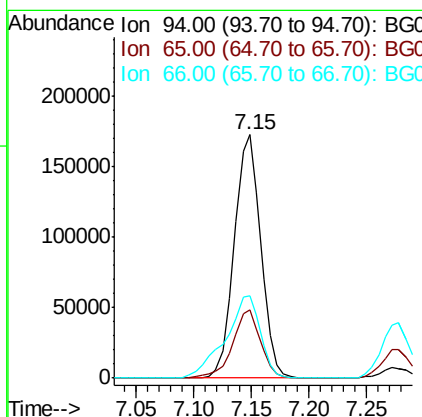
RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

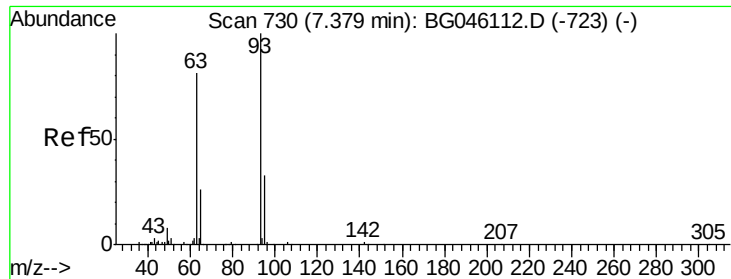
Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 274283 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.0  | 9.6   | 49.6   |
| 66       | 34.0  | 16.3  | 56.3   |







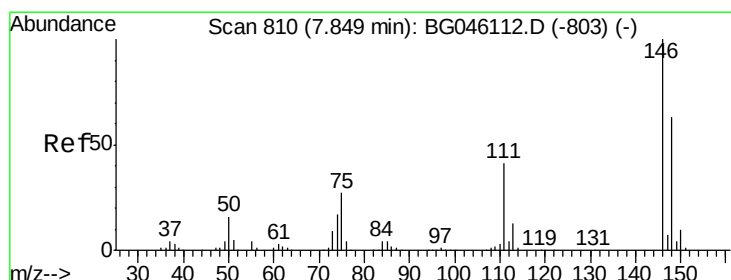
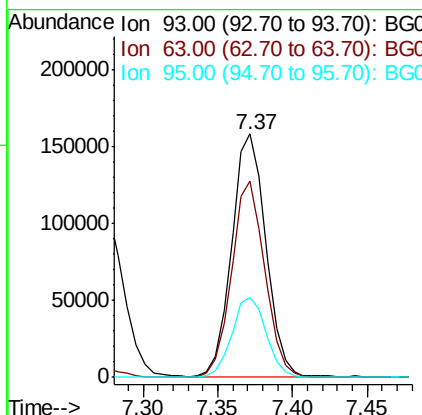
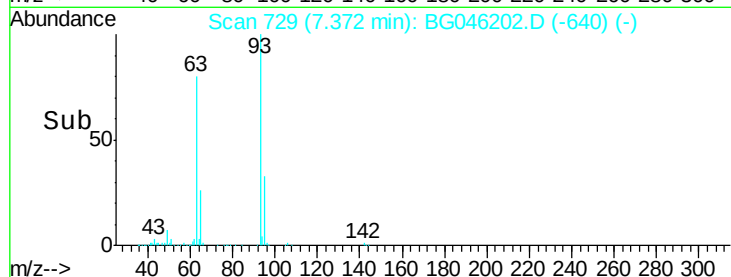
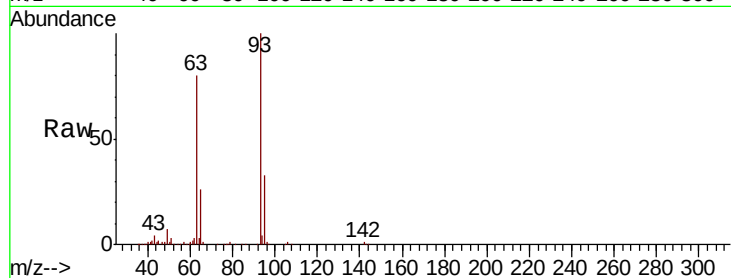
#11  
bis(2-Chloroethyl)ether  
Concen: 40.161 ng  
RT: 7.37 min Scan# 729  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 250460 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 80.4  | 60.0  | 100.0  |
| 95       | 32.6  | 12.6  | 52.6   |

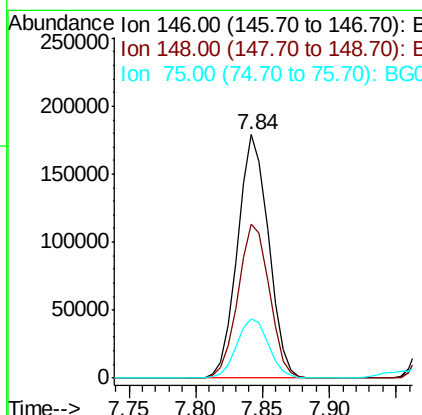
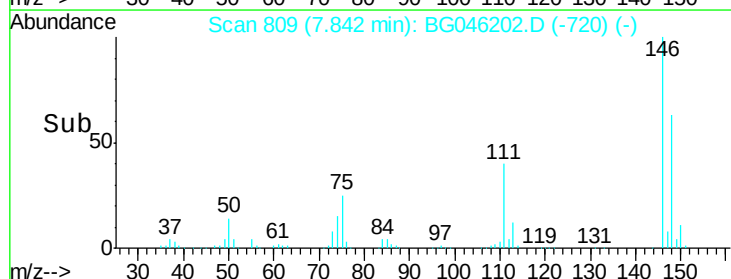
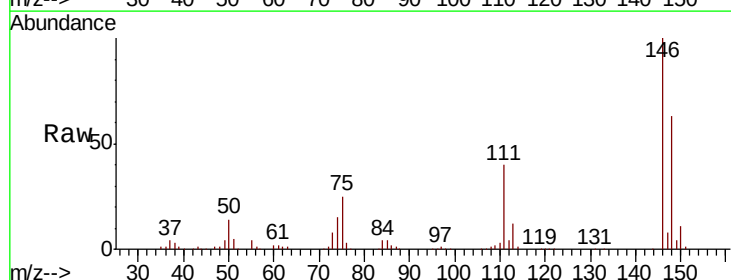
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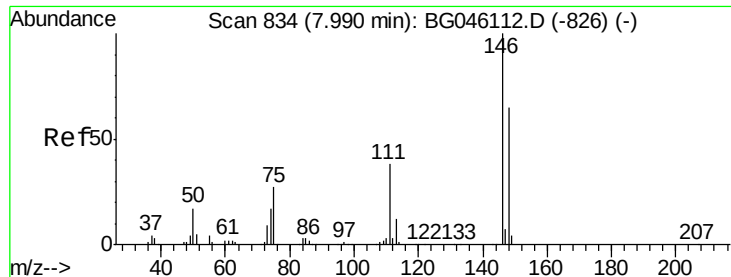
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#12  
1,3-Dichlorobenzene  
Concen: 37.528 ng  
RT: 7.84 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 287869 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.5  | 50.5  | 75.7   |
| 75       | 24.5  | 21.6  | 32.4   |





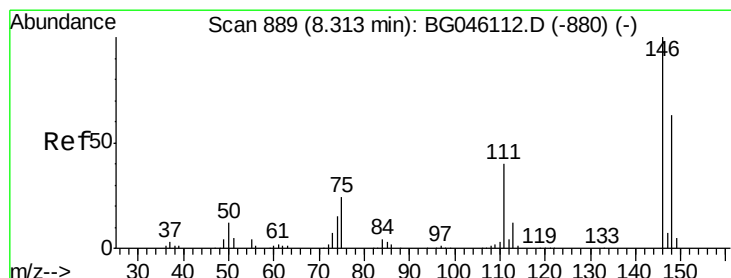
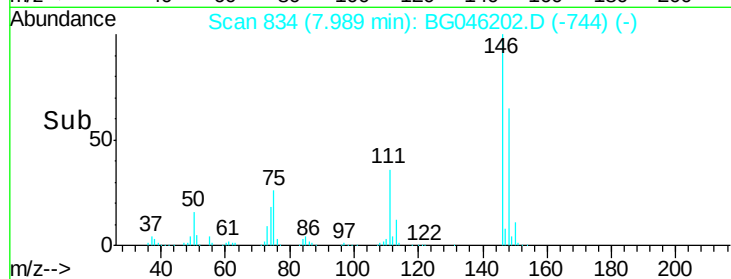
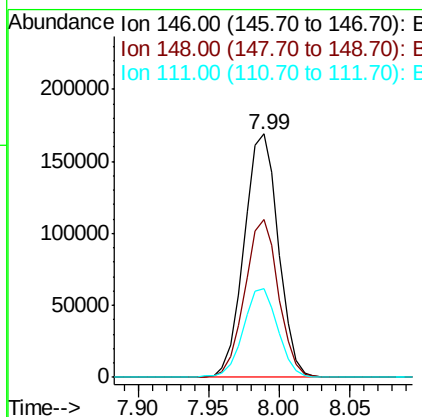
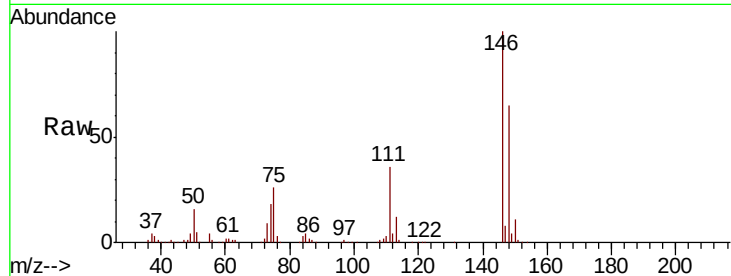
#13  
 1,4-Dichlorobenzene  
 Concen: 37.282 ng  
 RT: 7.99 min Scan# 834  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.8  | 77.6  |
| 111     | 36.3  | 30.7  | 46.1  |

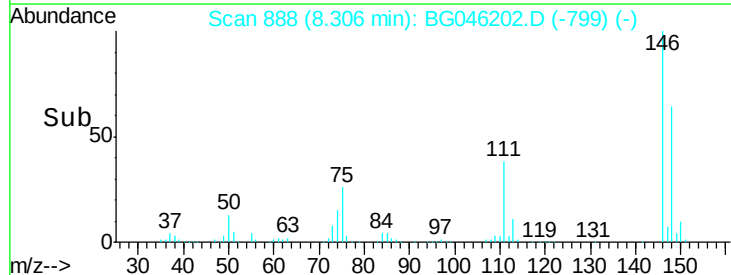
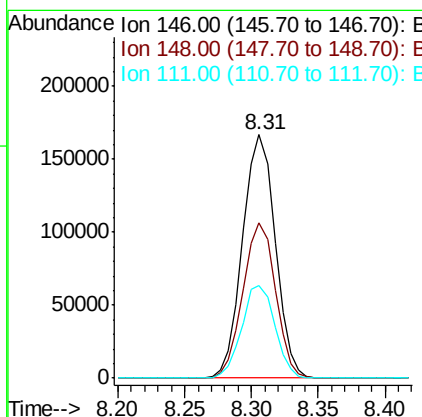
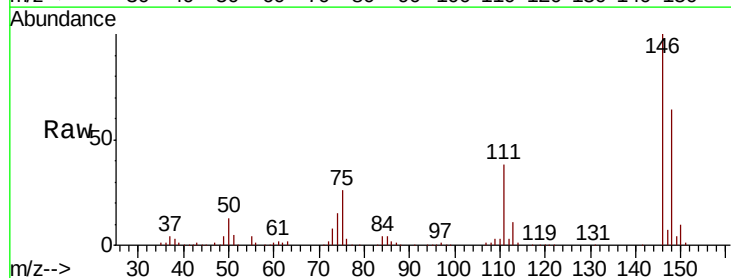
Manual Integrations  
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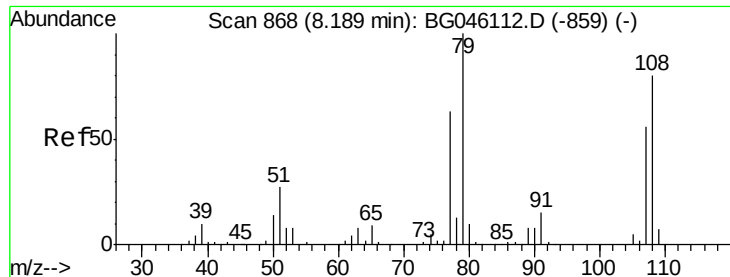
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#14  
 1,2-Dichlorobenzene  
 Concen: 38.828 ng  
 RT: 8.31 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 50.8  | 76.2  |
| 111     | 38.0  | 32.4  | 48.6  |





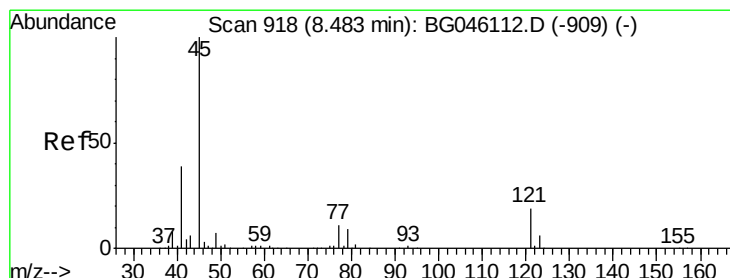
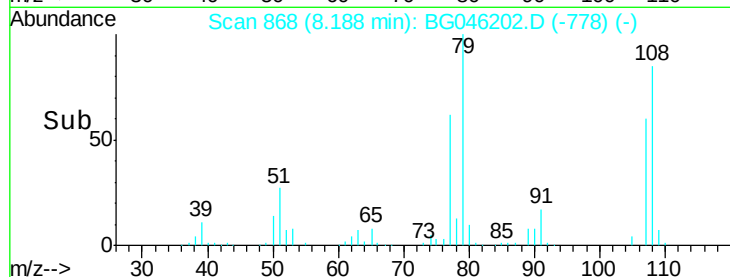
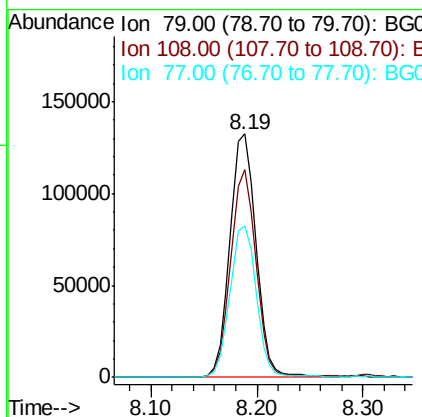
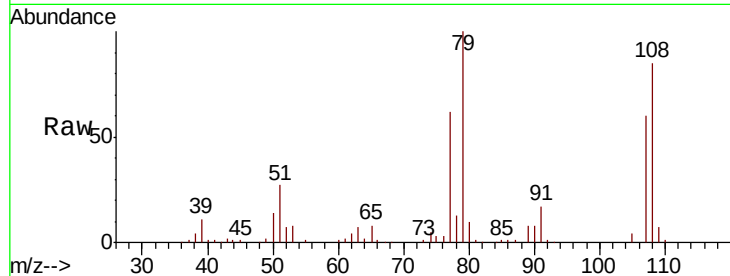
#15  
Benzyl Alcohol  
Concen: 42.020 ng  
RT: 8.19 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampled :  
JB-1AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 85.3  | 64.1 | 96.1  |       |
| 77      | 62.1  | 50.2 | 75.2  |       |

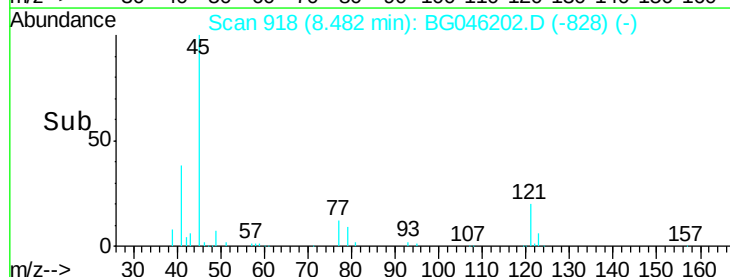
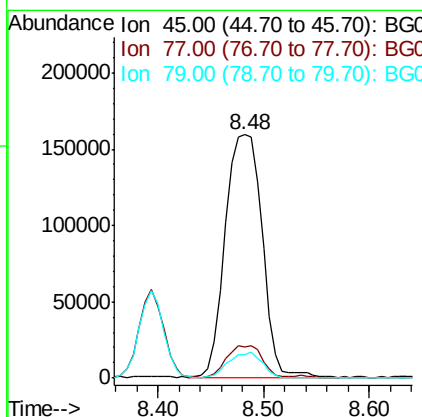
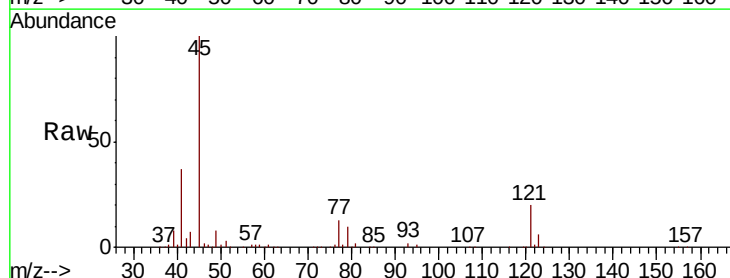
Manual Integrations  
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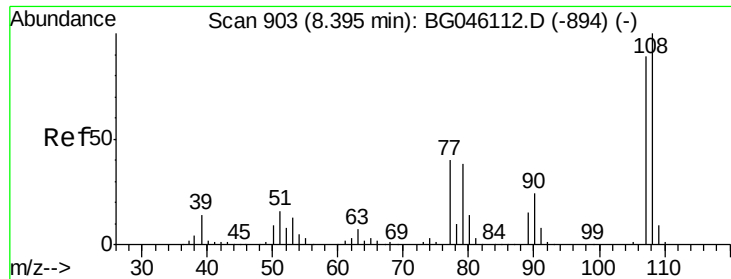
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.648 ng  
RT: 8.48 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 13.0  | 0.0  | 31.9  |       |
| 79      | 9.8   | 0.0  | 29.5  |       |





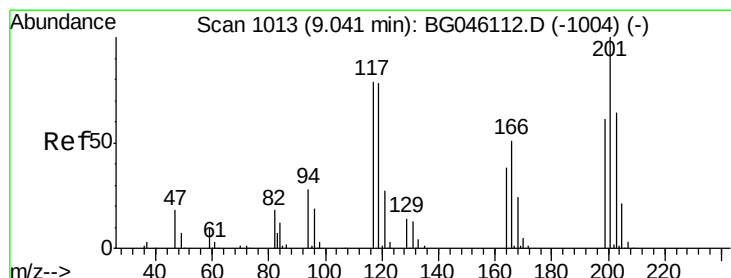
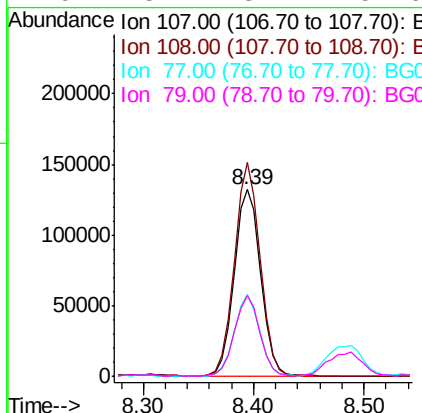
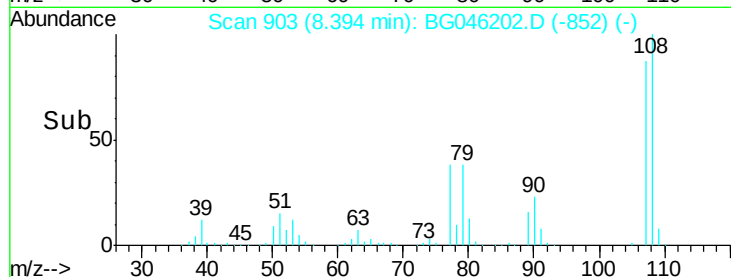
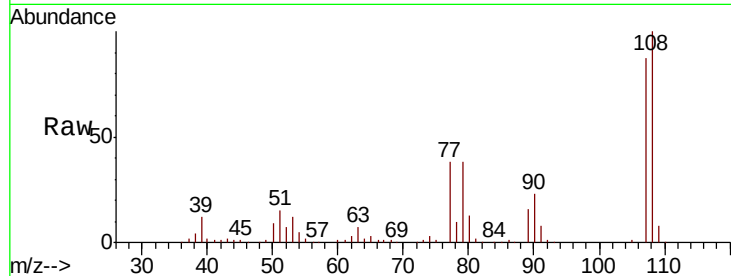
#17  
2-Methylphenol  
Concen: 42.061 ng  
RT: 8.39 min Scan# 903  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 114.4 | 90.0 | 135.0 |       |
| 77      | 43.7  | 35.6 | 53.4  |       |
| 79      | 43.2  | 34.4 | 51.6  |       |

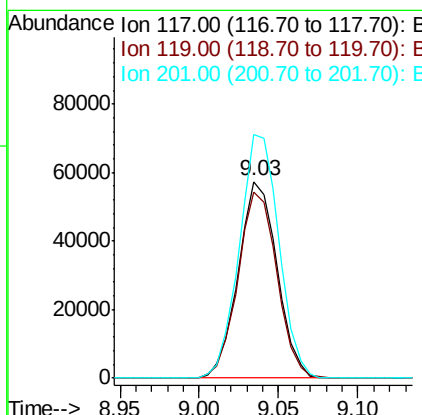
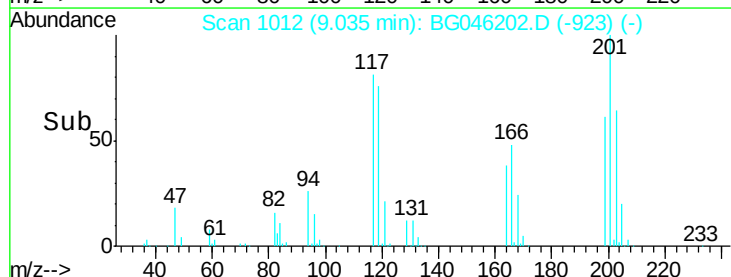
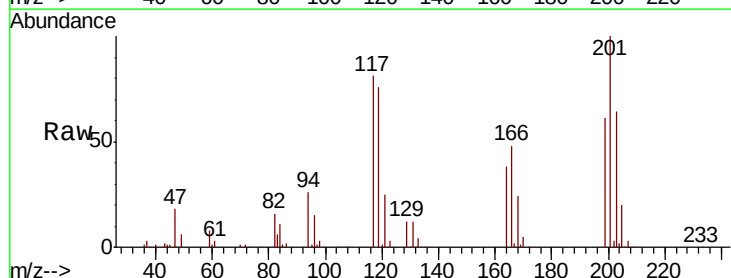
Manual Integrations  
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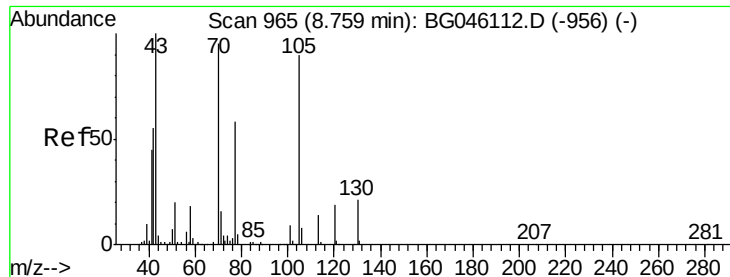
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#18  
Hexachloroethane  
Concen: 37.749 ng  
RT: 9.03 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 94.6  | 78.5  | 117.7 |       |
| 201     | 124.0 | 101.0 | 151.4 |       |





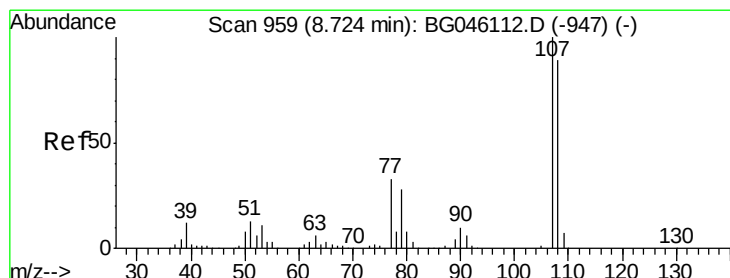
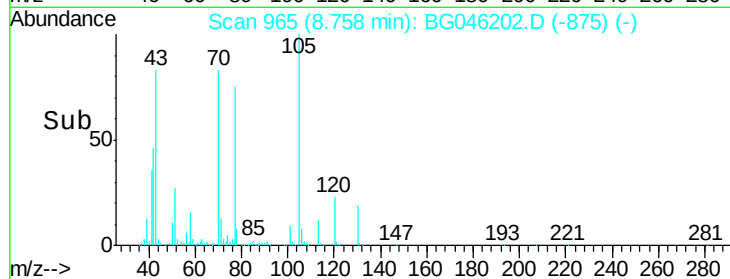
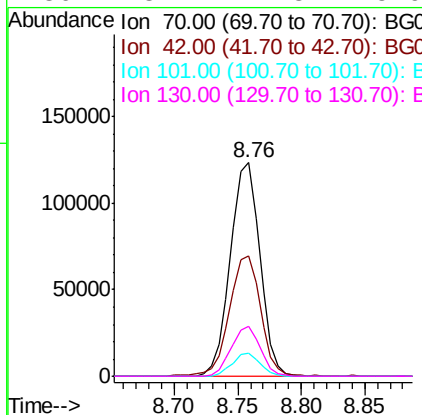
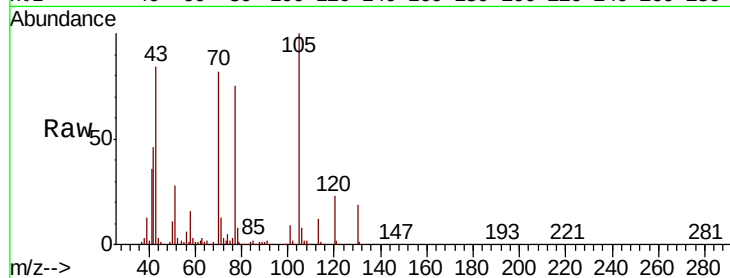
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.185 ng  
RT: 8.76 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampled :  
JB-1AMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 56.1 | 46.5  | 69.7  |       |
| 101     | 10.6 | 7.6   | 11.4  |       |
| 130     | 23.1 | 17.3  | 25.9  |       |

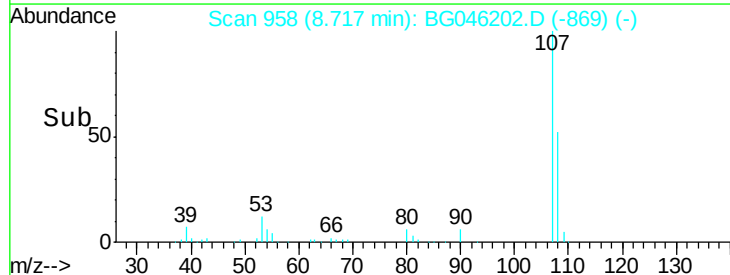
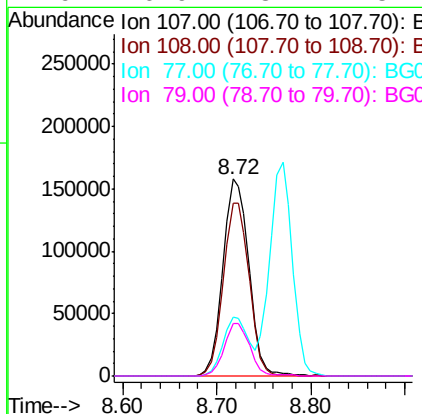
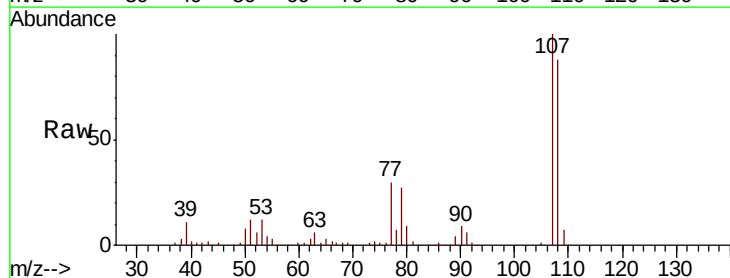
Manual Integrations  
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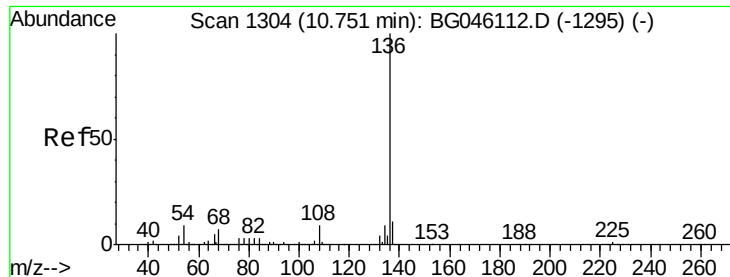
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#20  
3+4-Methylphenols  
Concen: 41.852 ng  
RT: 8.72 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.7 | 69.1  | 109.1 |       |
| 77      | 29.7 | 12.5  | 52.5  |       |
| 79      | 26.9 | 8.4   | 48.4  |       |





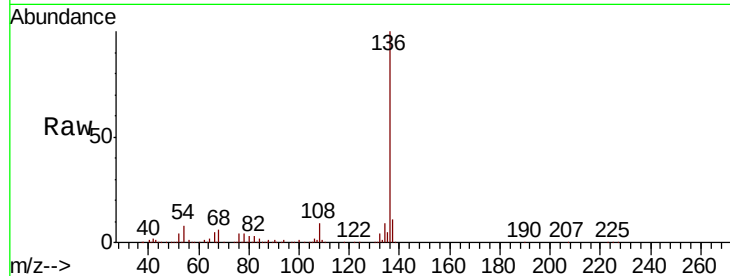
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.75 min Scan# 1304  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 381168 |       |       |
| 137     | 11.1  |        | 8.8   | 13.2  |
| 54      | 8.3   |        | 7.0   | 10.4  |
| 68      | 6.3   |        | 5.3   | 7.9   |

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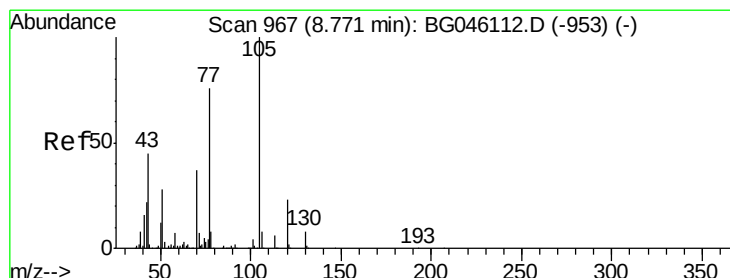
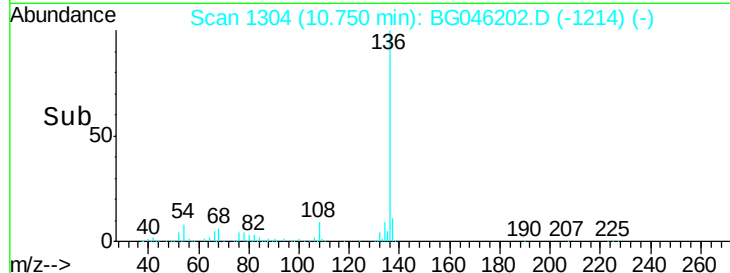
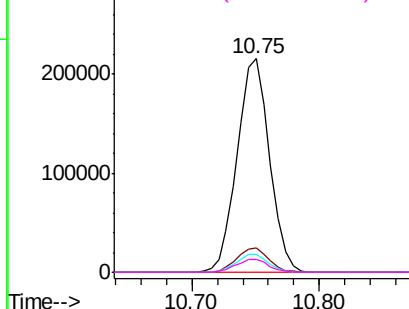
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 39.557 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 386958 |       |       |
| 71      | 3.6   |        | 5.3   | 7.9#  |
| 51      | 26.0  |        | 22.7  | 34.1  |
| 120     | 23.2  |        | 18.7  | 28.1  |

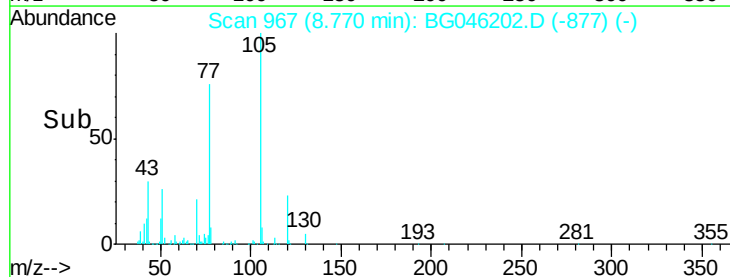
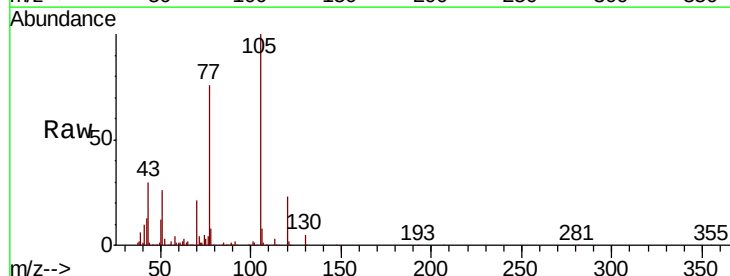
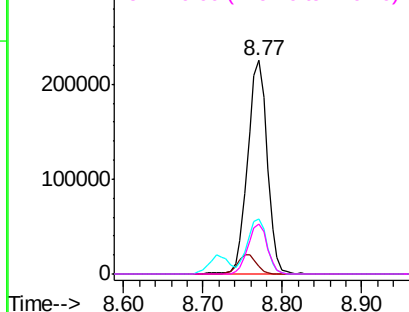
Abundance

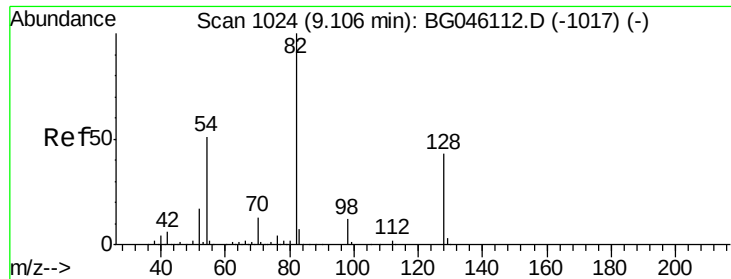
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





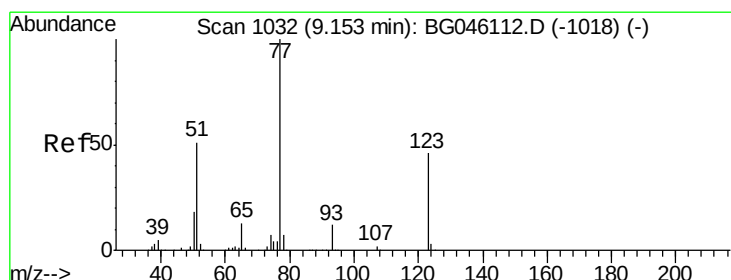
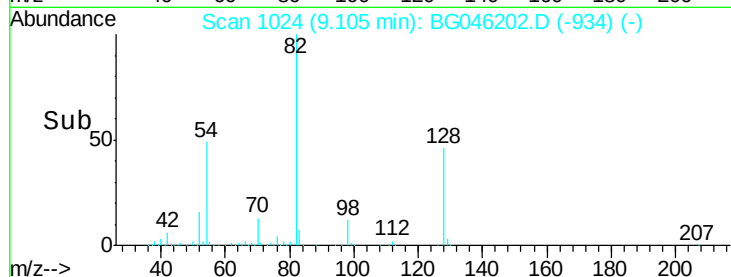
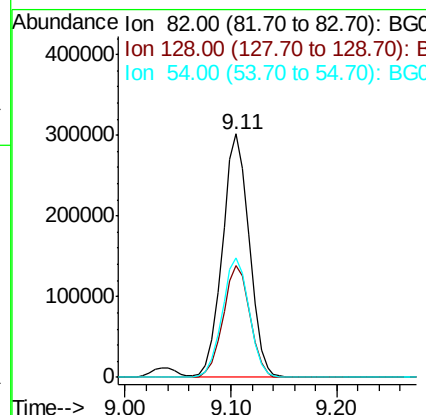
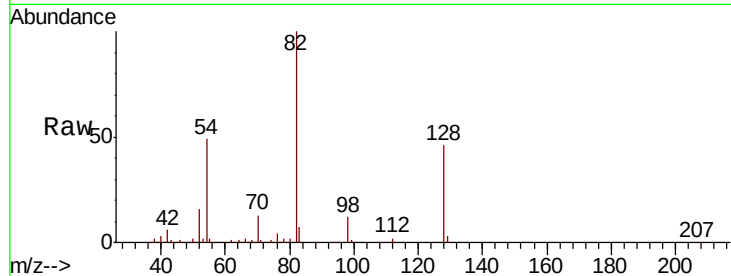
#23  
 Nitrobenzene-d5  
 Concen: 75.616 ng  
 RT: 9.11 min Scan# 1024  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 532338 |       |       |
| 128     | 45.9  |        | 34.4  | 51.6  |
| 54      | 49.3  |        | 40.8  | 61.2  |

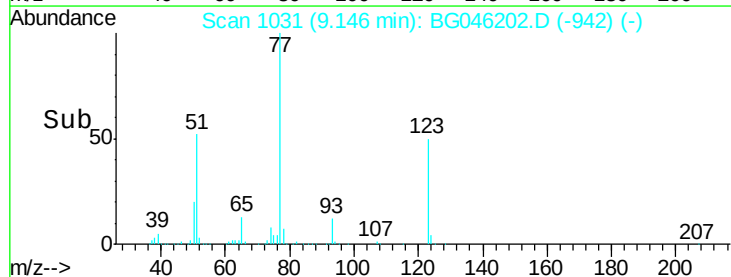
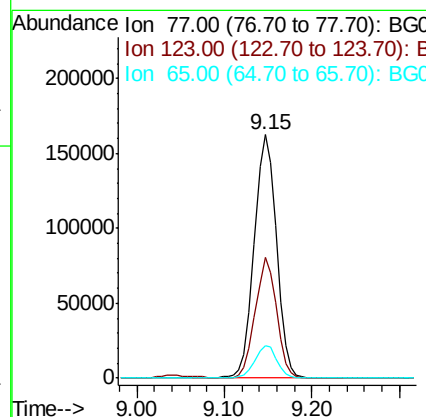
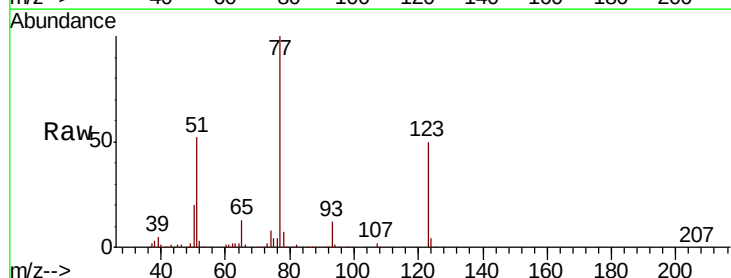
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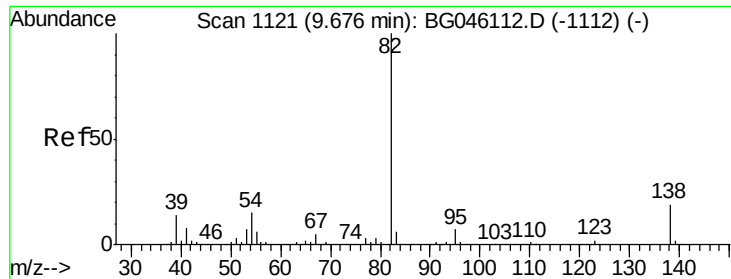


#24  
 Nitrobenzene  
 Concen: 37.114 ng  
 RT: 9.15 min Scan# 1031  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 278577 |       |       |
| 123     | 49.6  |        | 36.8  | 55.2  |
| 65      | 13.1  |        | 10.2  | 15.2  |







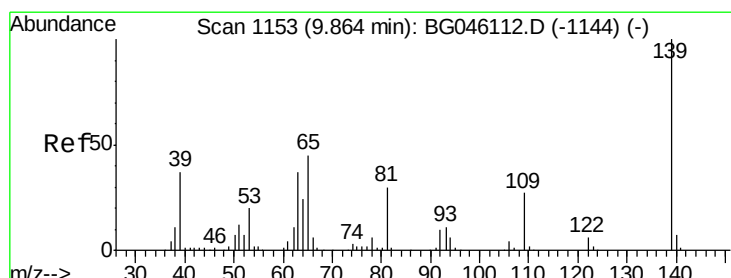
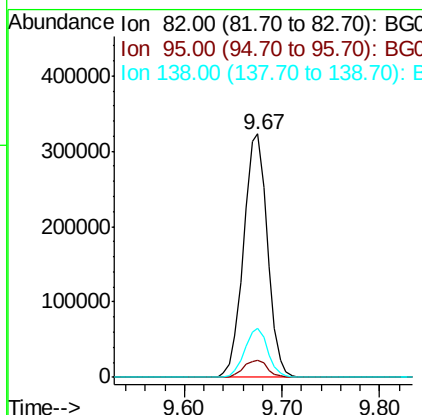
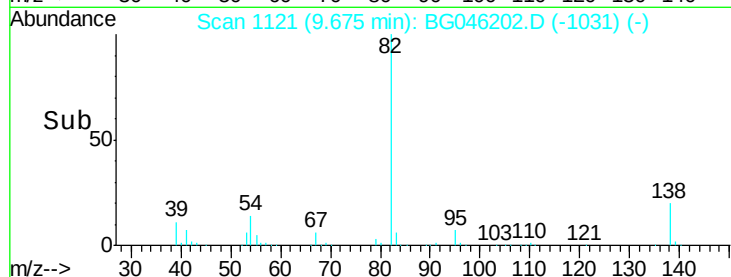
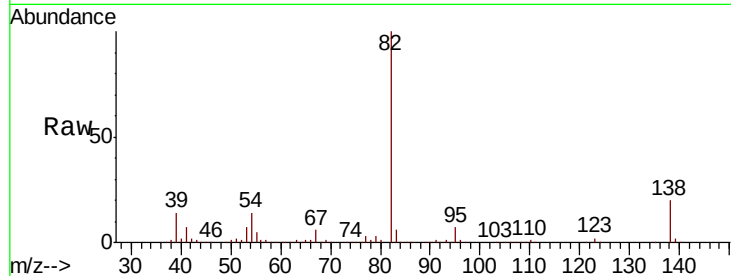
#25  
Isophorone  
Concen: 39.319 ng  
RT: 9.67 min Scan# 1121  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.9   | 5.5   | 8.3   |
| 138     | 20.1  | 15.3  | 22.9  |

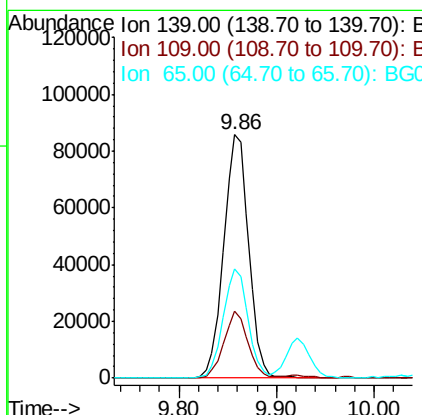
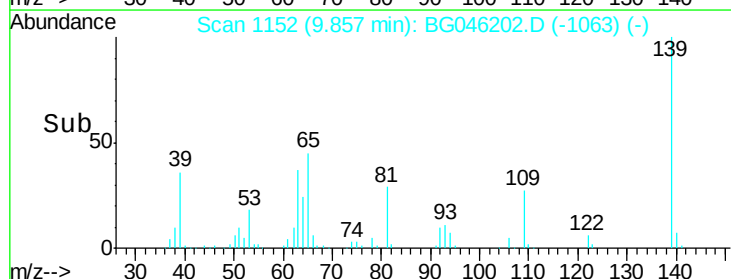
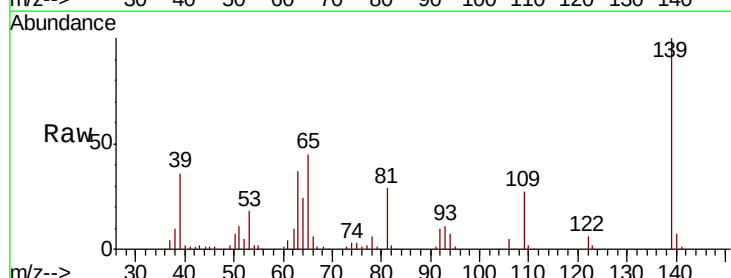
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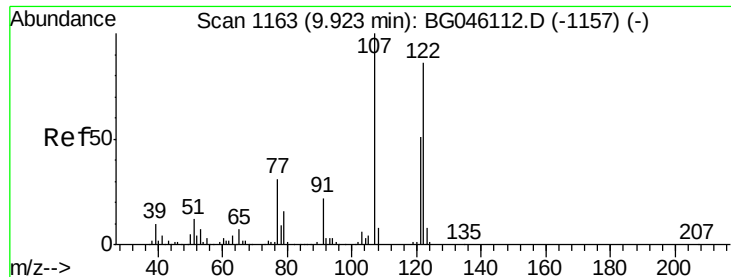
mohammad  
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#26  
2-Nitrophenol  
Concen: 44.590 ng  
RT: 9.86 min Scan# 1152  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 27.4  | 21.8  | 32.8  |
| 65      | 44.8  | 36.2  | 54.2  |





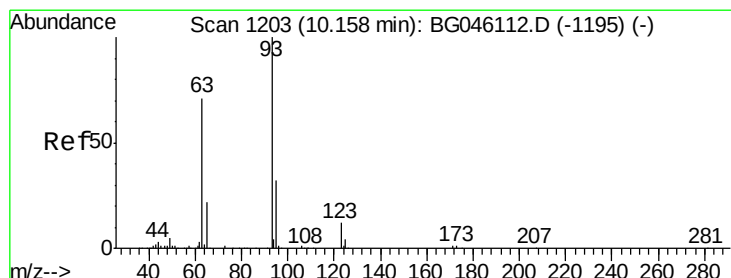
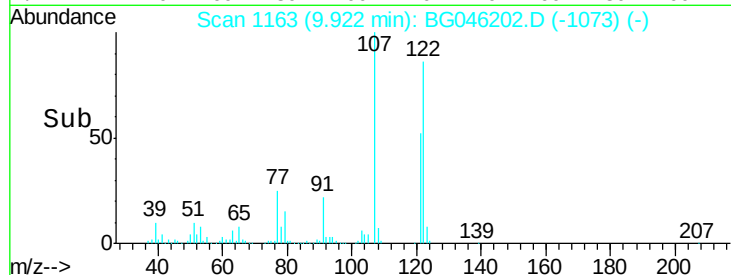
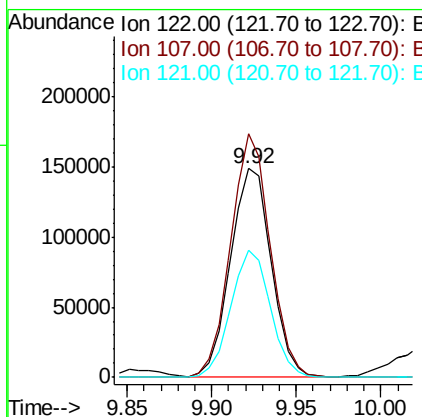
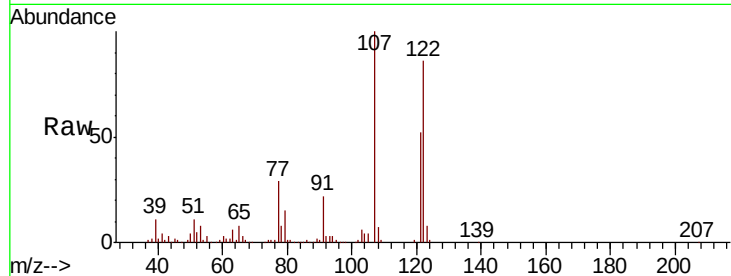
#27  
 2,4-Dimethylphenol  
 Concen: 44.828 ng  
 RT: 9.92 min Scan# 1163  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 248102 |       |       |
| 107     | 116.7 | 92.4   | 138.6 |       |
| 121     | 60.7  | 47.0   | 70.6  |       |

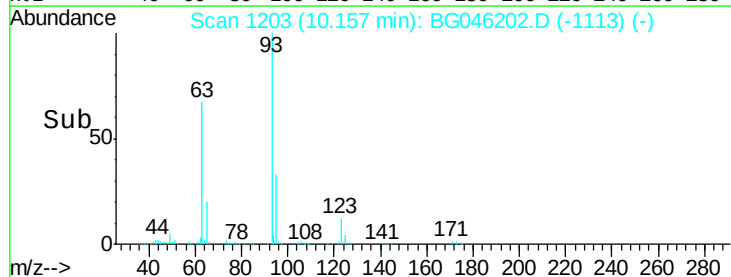
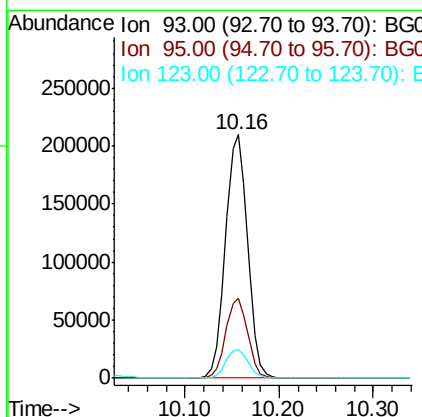
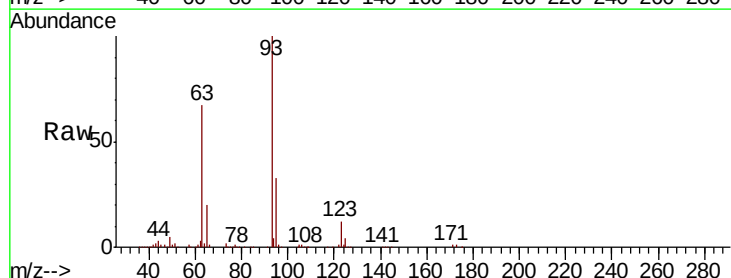
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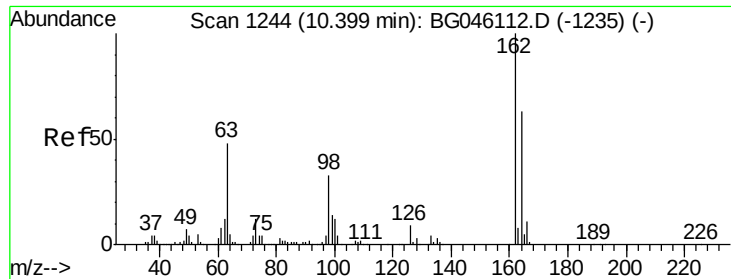
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.887 ng  
 RT: 10.16 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 341908 |       |       |
| 95      | 32.8  | 26.0   | 39.0  |       |
| 123     | 11.9  | 9.7    | 14.5  |       |





#29

2,4-Dichlorophenol

Concen: 44.120 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

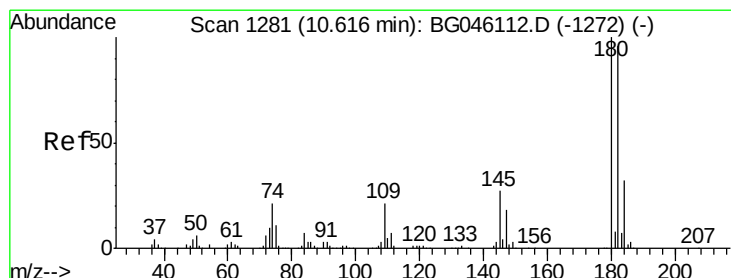
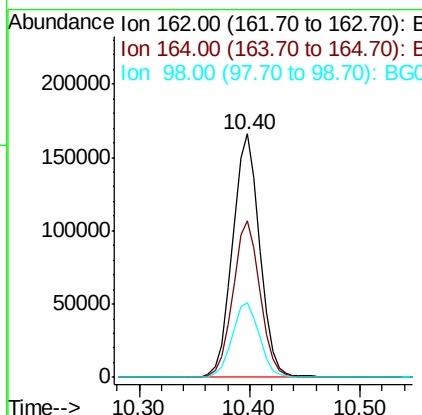
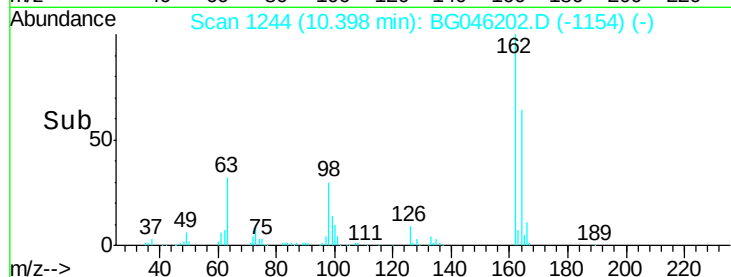
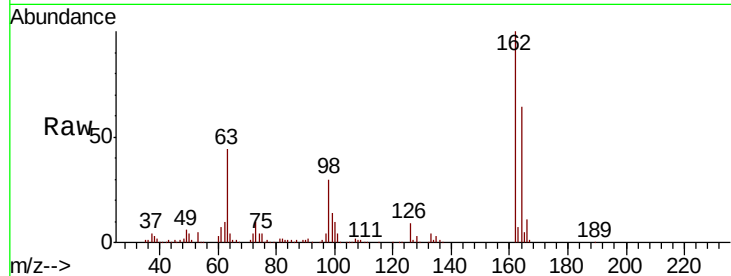
ClientSampleId :

JB-1AMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 162  | Resp: | 287242 |
| Ion Ratio |      | Lower | Upper  |
| 162       | 100  |       |        |
| 164       | 64.1 | 43.3  | 83.3   |
| 98        | 30.5 | 13.1  | 53.1   |

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#30

1,2,4-Trichlorobenzene

Concen: 39.706 ng

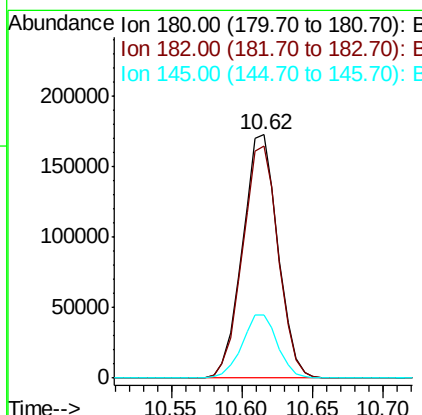
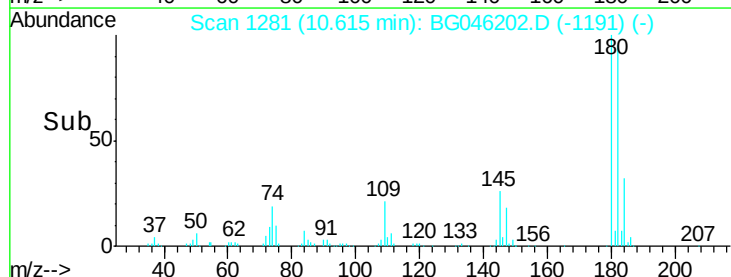
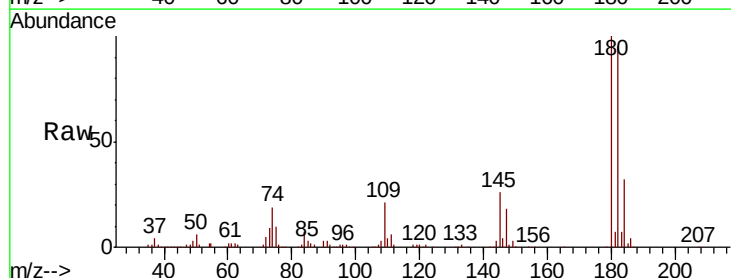
RT: 10.62 min Scan# 1281

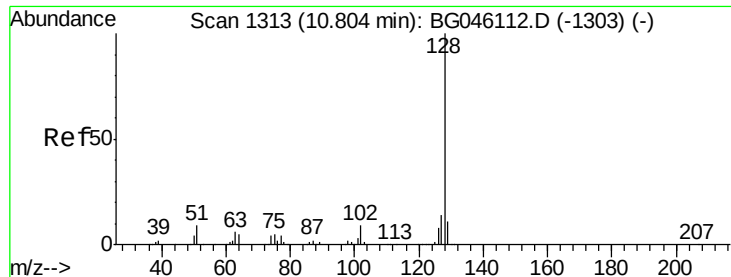
Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 302830 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 95.4 | 76.7  | 115.1  |
| 145       | 26.2 | 21.8  | 32.8   |





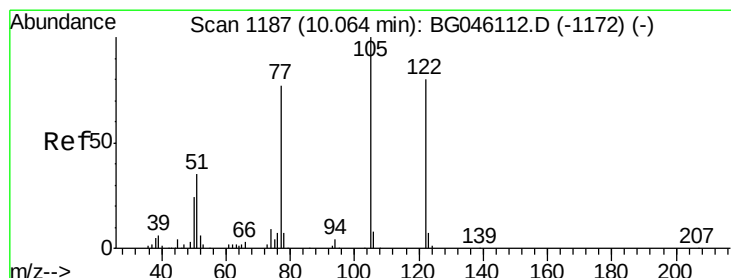
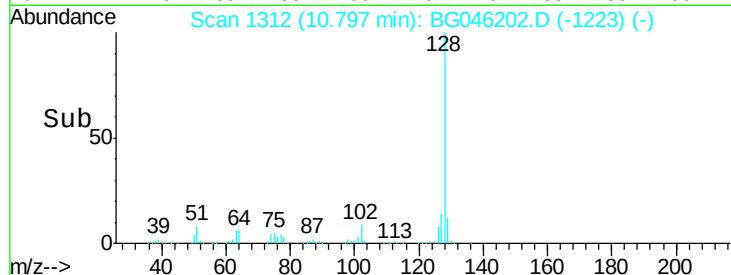
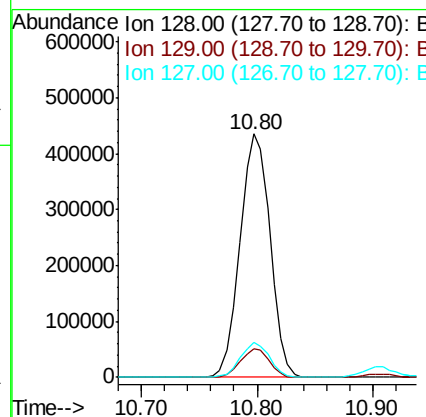
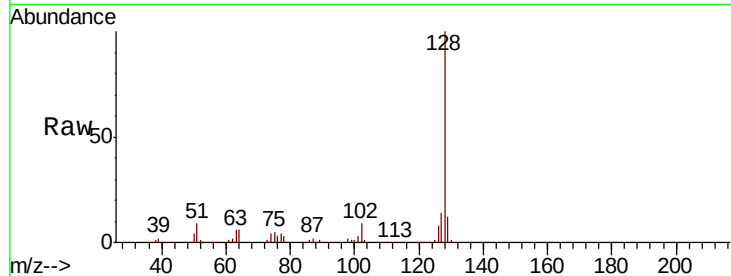
#31  
Naphthalene  
Concen: 38.874 ng  
RT: 10.80 min Scan# 1312  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampled :  
JB-1AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.8  | 9.1  | 13.7  |       |
| 127     | 14.4  | 11.3 | 16.9  |       |

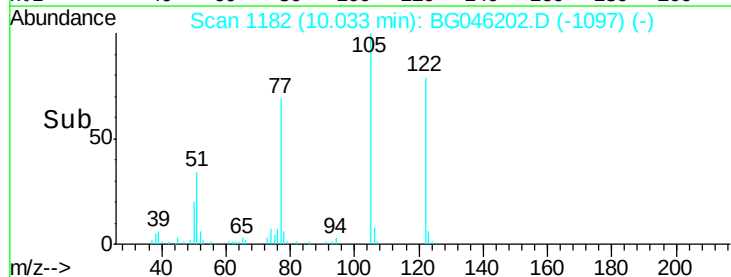
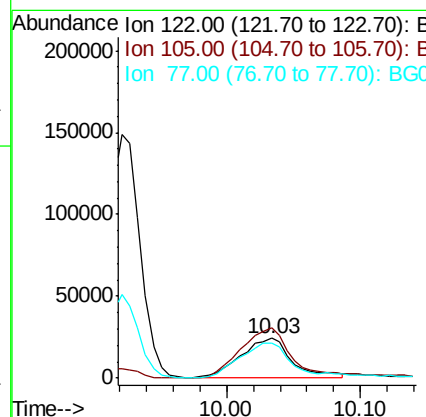
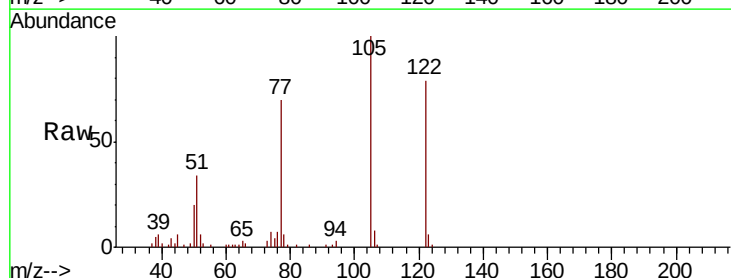
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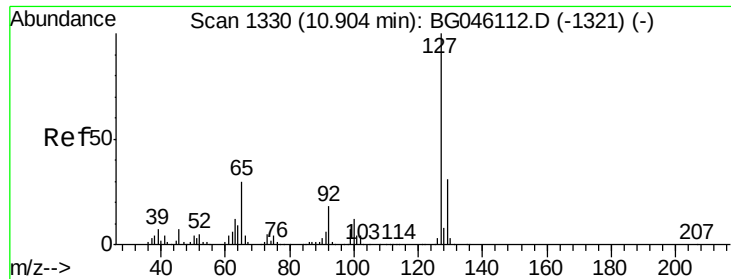
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#32  
Benzoic acid  
Concen: 21.611 ng  
RT: 10.03 min Scan# 1182  
Delta R.T. -0.03 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 126.8 | 103.0 | 143.0 |       |
| 77      | 88.5  | 75.2  | 115.2 |       |





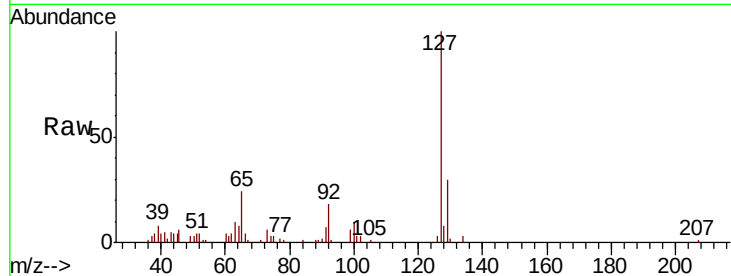
#33  
4-Chloroaniline  
Concen: 4.533 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 37359 |       |       |
| 129     | 30.0 | 25.2  | 37.8  |       |       |
| 65      | 24.0 | 24.2  | 36.2  |       |       |
| 92      | 17.5 | 14.5  | 21.7  |       |       |

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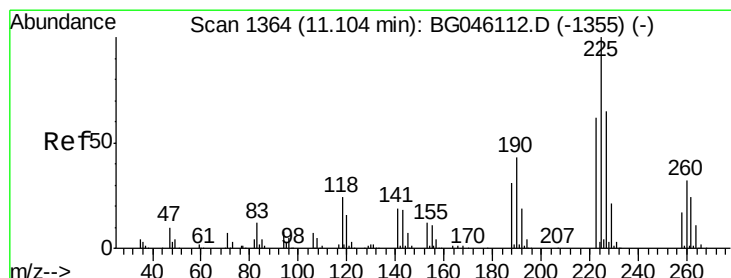
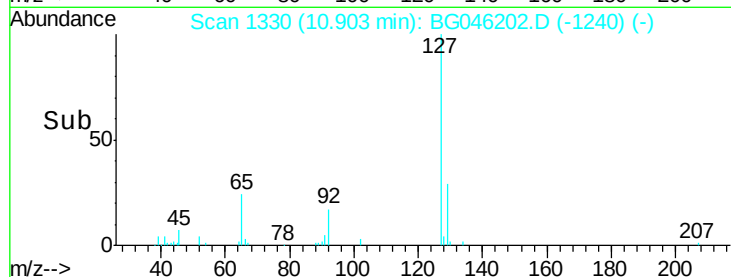
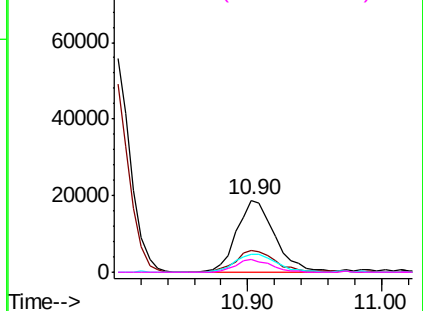
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

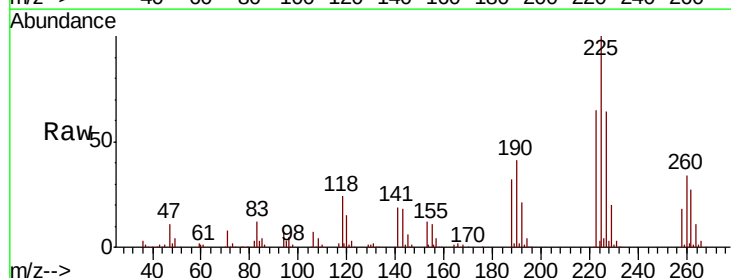
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 37.886 ng  
RT: 11.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 192352 |       |       |
| 223     | 65.1 | 49.8  | 74.6   |       |       |
| 227     | 63.9 | 51.9  | 77.9   |       |       |

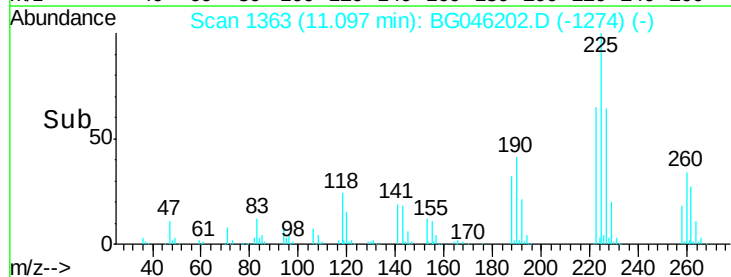
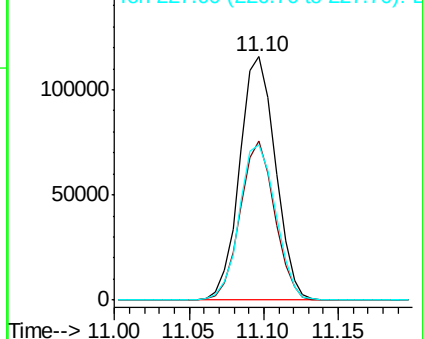


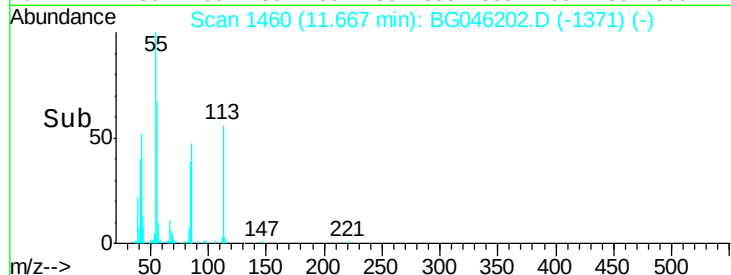
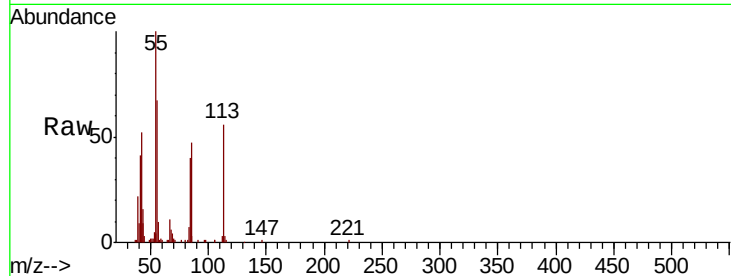
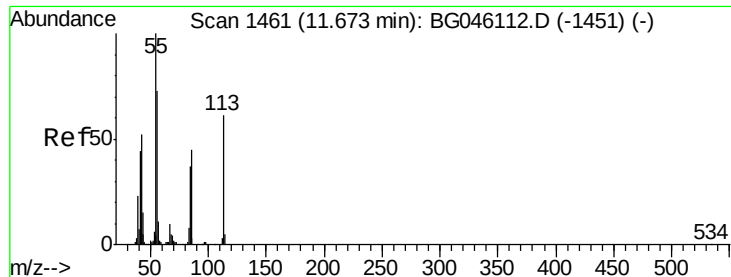
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





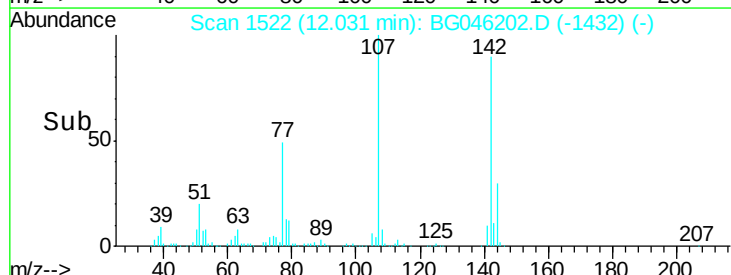
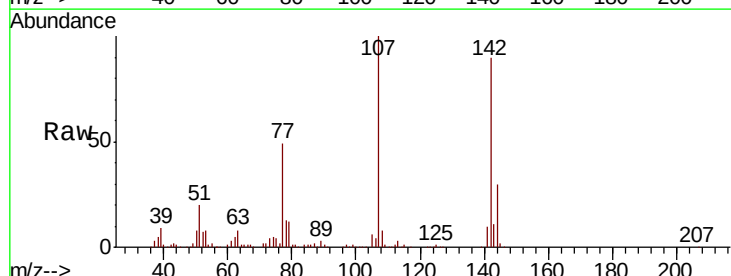
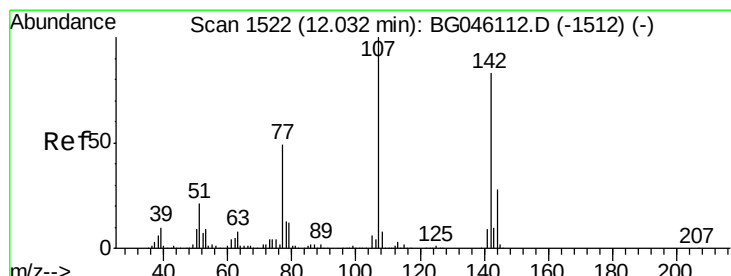
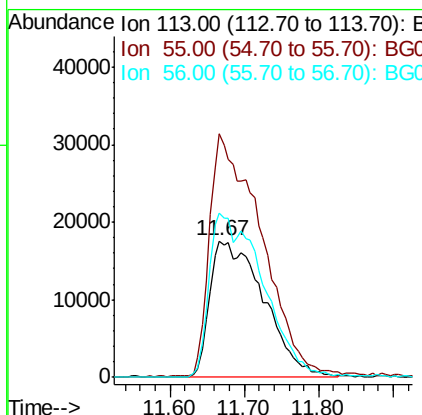
#35  
Caprolactam  
Concen: 41.458 ng/ml  
RT: 11.67 min Scan# 1460  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 178.1 | 144.7 | 184.7 |
| 56      | 119.7 | 99.4  | 139.4 |

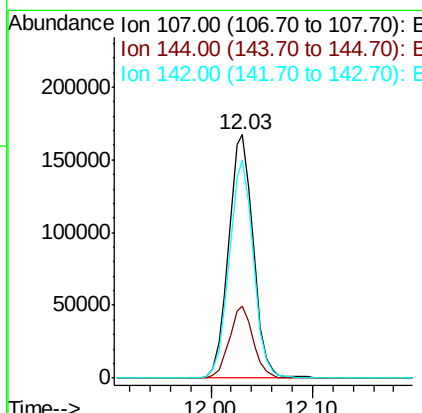
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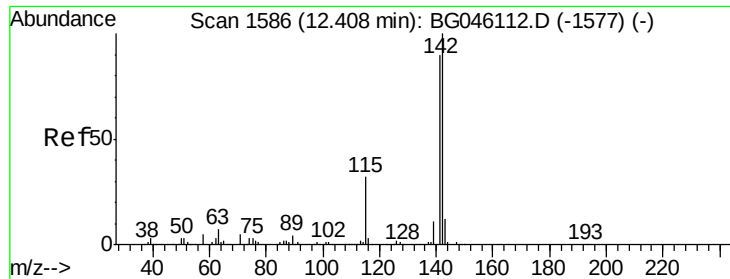
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 44.185 ng/ml  
RT: 12.03 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 29.7  | 22.4  | 33.6  |
| 142     | 89.6  | 66.6  | 100.0 |





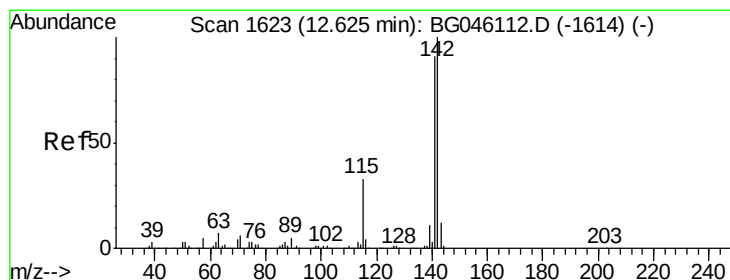
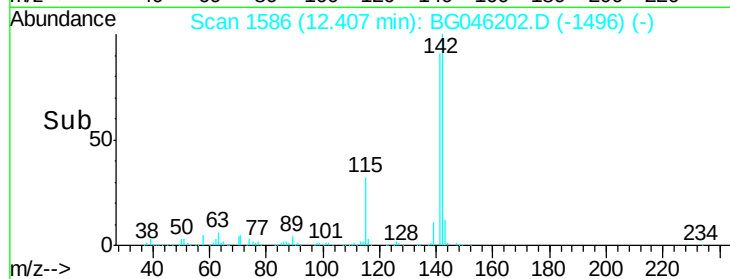
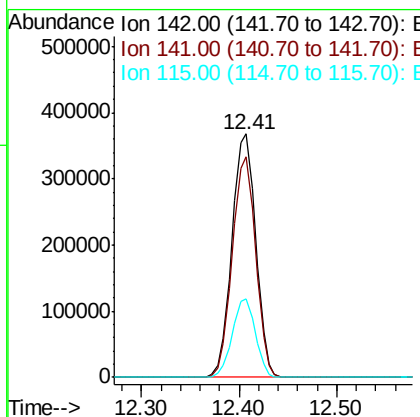
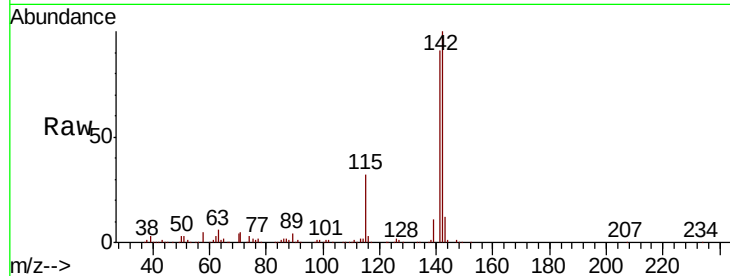
#37  
2-Methylnaphthalene  
Concen: 40.115 ng  
RT: 12.41 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.5  | 71.7  | 107.5 |
| 115     | 32.2  | 25.8  | 38.8  |

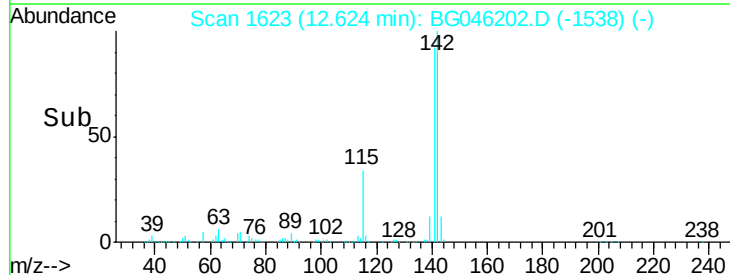
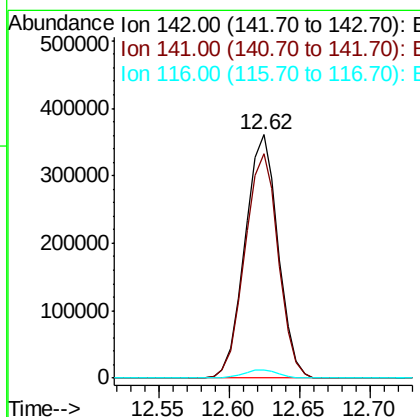
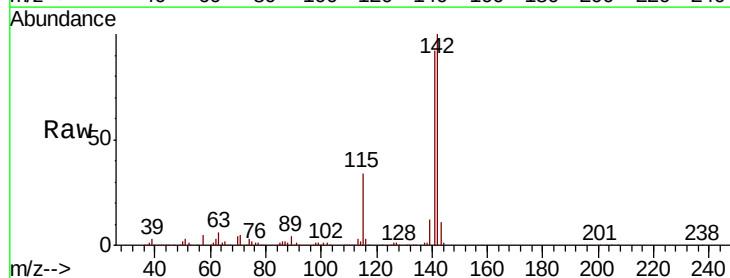
Manual Integrations  
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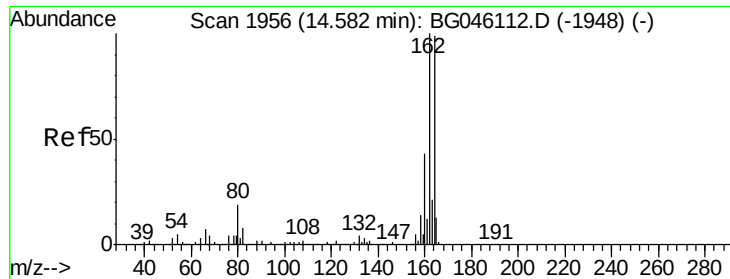
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#38  
1-Methylnaphthalene  
Concen: 40.379 ng  
RT: 12.62 min Scan# 1623  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 73.0  | 109.4 |
| 116     | 3.4   | 2.8   | 4.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

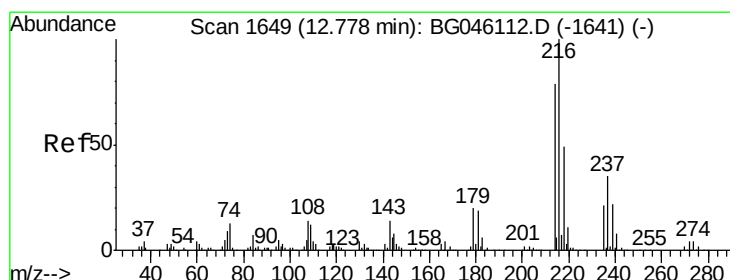
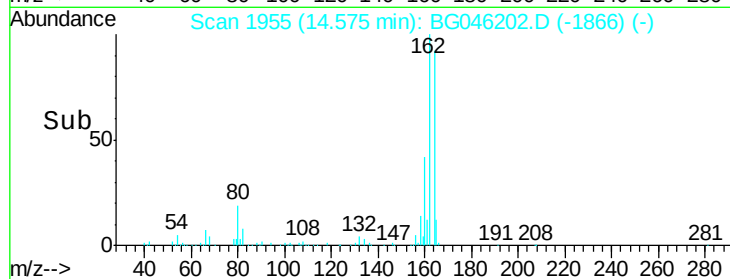
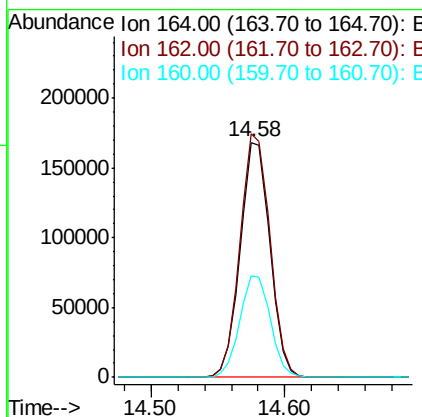
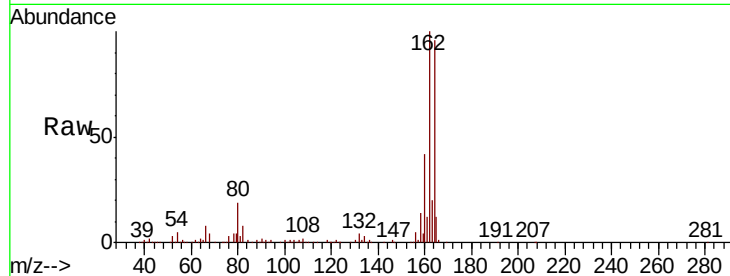
ClientSampleId :

JB-1AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 257661 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 103.7 | 80.6  | 121.0  |
| 160       | 43.1  | 34.9  | 52.3   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.319 ng

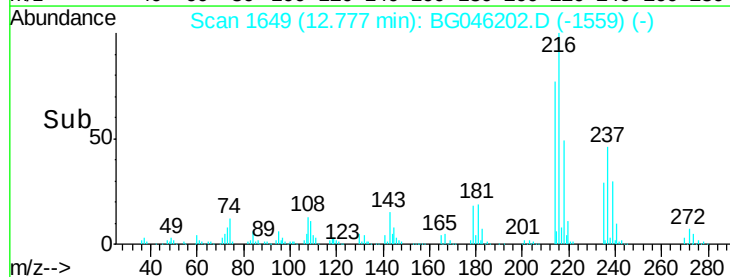
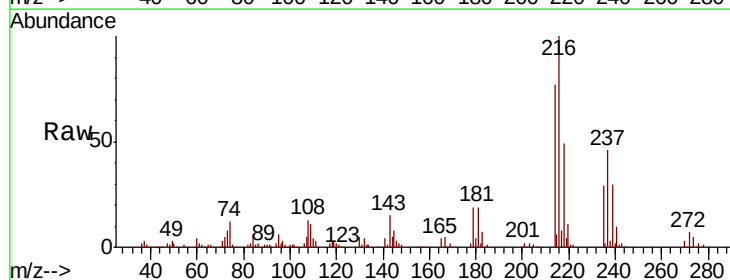
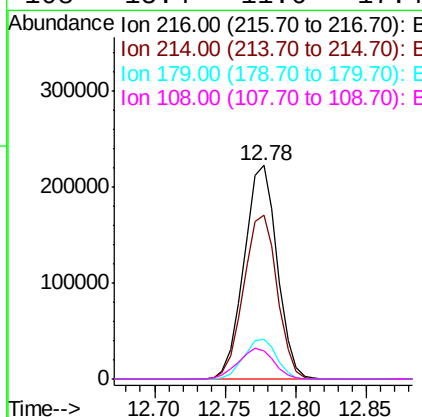
RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

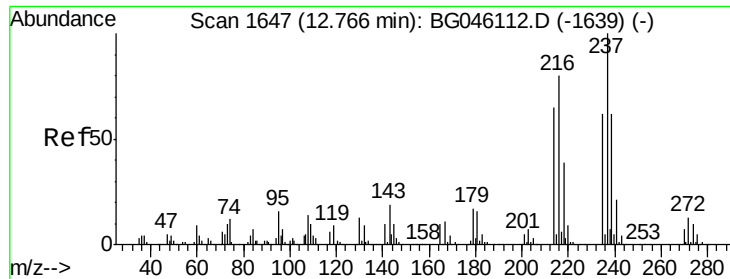
Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 365023 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 77.7  | 62.7  | 94.1   |
| 179       | 18.7  | 15.0  | 22.6   |
| 108       | 15.4  | 11.6  | 17.4   |







#41

Hexachlorocyclopentadiene

Concen: 83.001 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

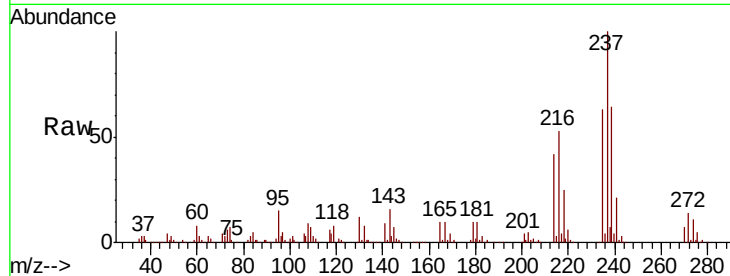
ClientSampled :

JB-1AMS

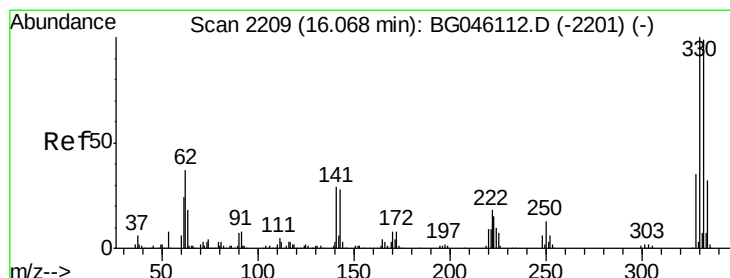
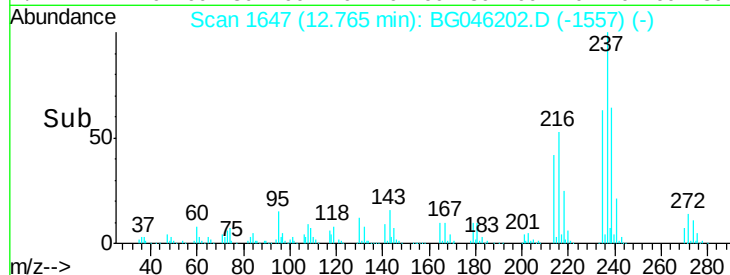
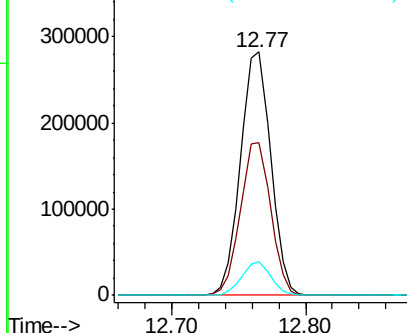
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 441978 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.7  | 42.3  | 82.3   |
| 272       | 13.7  | 0.0   | 32.7   |

Manual Integrations  
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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: 125.572 ng

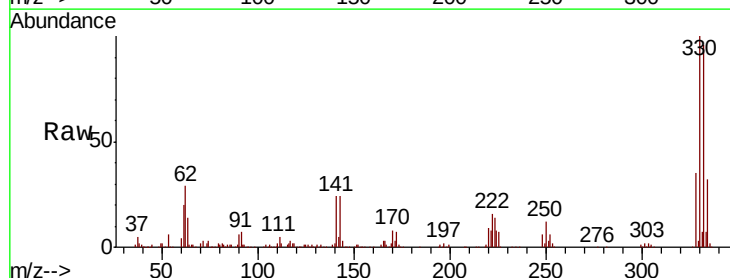
RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

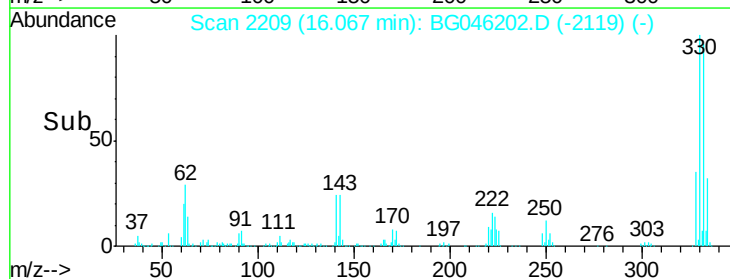
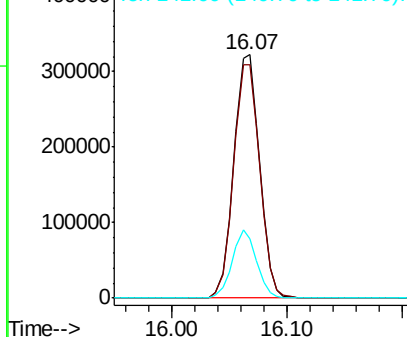
Lab File: BG046202.D

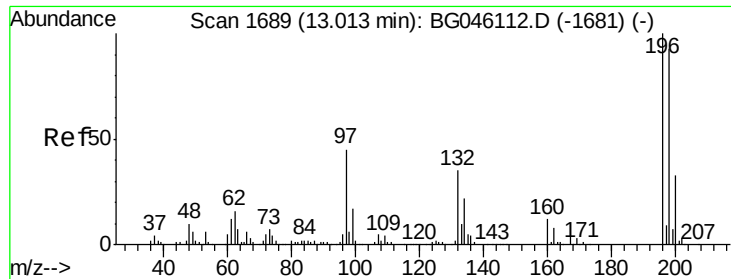
Acq: 7 Aug 2020 20:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 496965 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.4  | 77.4  | 116.2  |
| 141       | 26.5  | 23.4  | 35.0   |



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





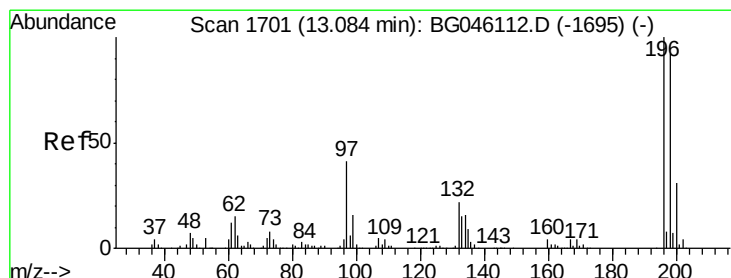
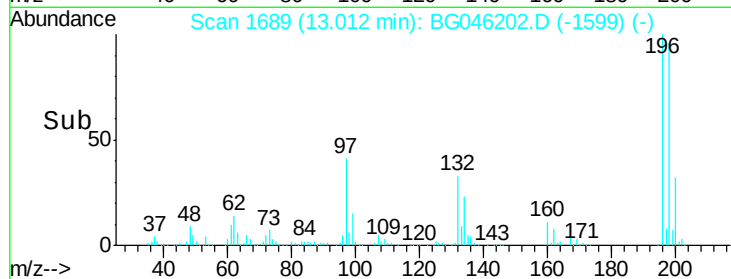
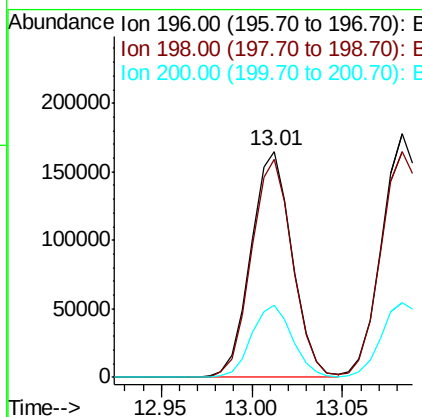
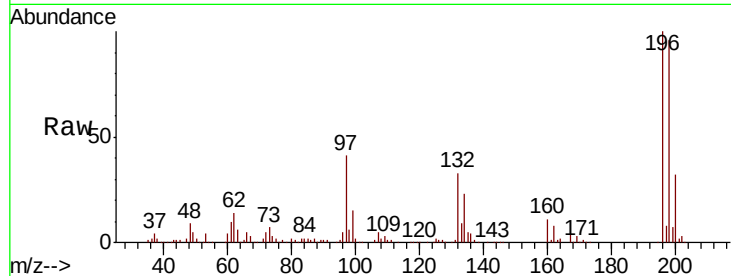
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.231 ng  
 RT: 13.01 min Scan# 1689  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 261975 |       |       |
| 198     | 96.3  | 74.2   | 111.4 |       |
| 200     | 31.7  | 26.0   | 39.0  |       |

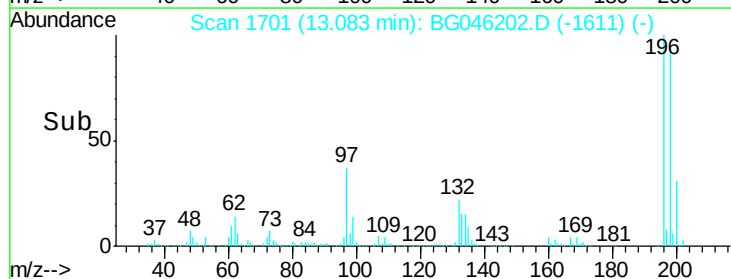
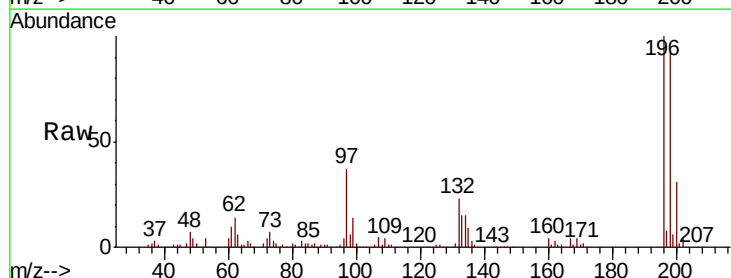
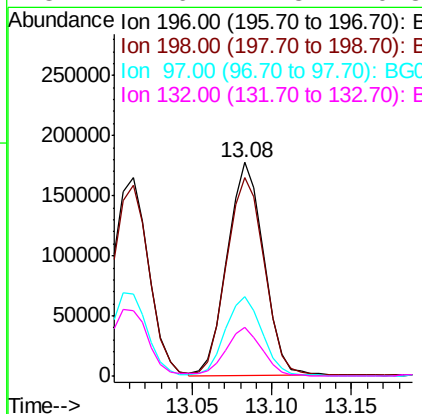
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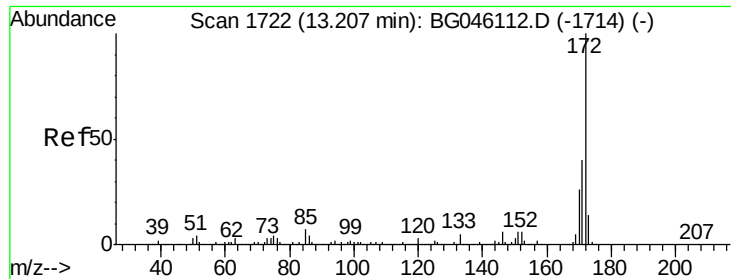
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#44  
 2,4,5-Trichlorophenol  
 Concen: 44.034 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 284568 |       |       |
| 198     | 92.7  | 73.9   | 110.9 |       |
| 97      | 37.1  | 32.7   | 49.1  |       |
| 132     | 22.6  | 17.8   | 26.8  |       |





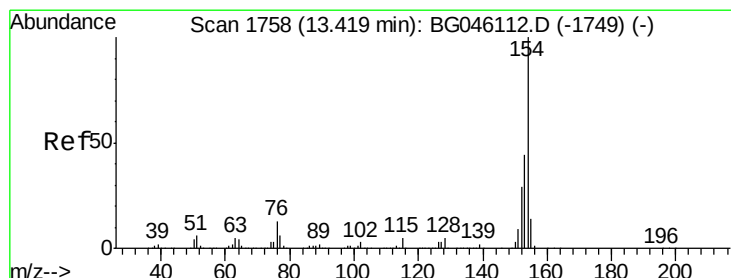
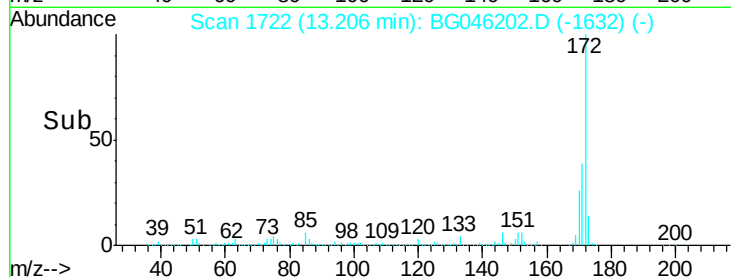
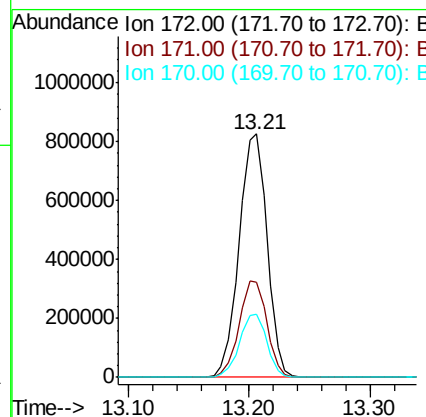
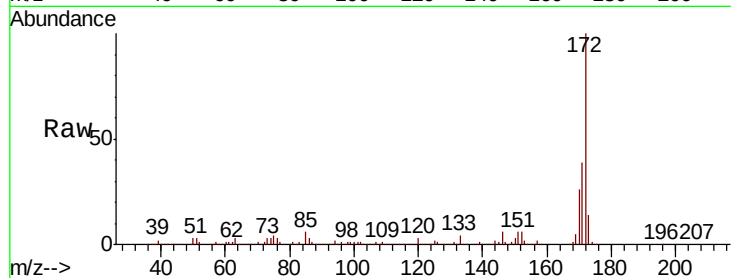
#45  
2-Fluorobiphenyl  
Concen: 75.406 ng  
RT: 13.21 min Scan# 1722  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.1  | 31.7  | 47.5  |
| 170     | 26.0  | 20.9  | 31.3  |

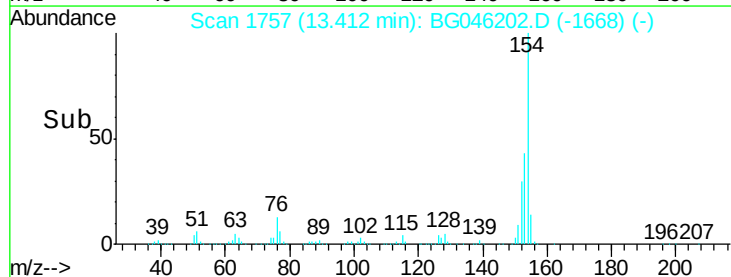
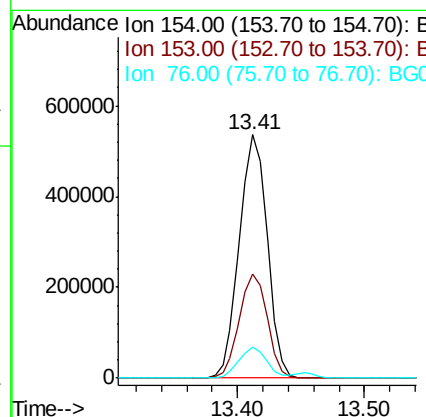
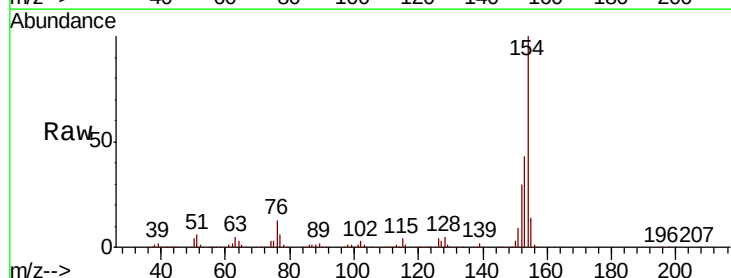
Manual Integrations  
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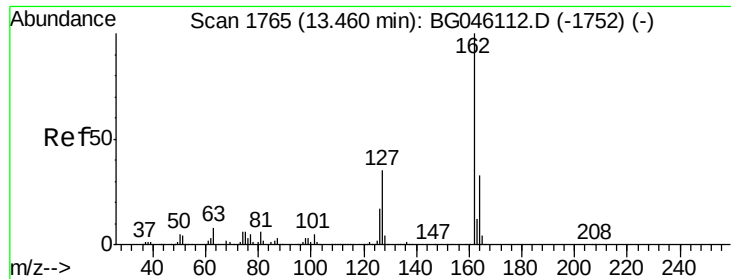
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#46  
1,1'-Biphenyl  
Concen: 40.424 ng  
RT: 13.41 min Scan# 1757  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.0  | 23.7  | 63.7  |
| 76      | 12.8  | 0.0   | 32.9  |





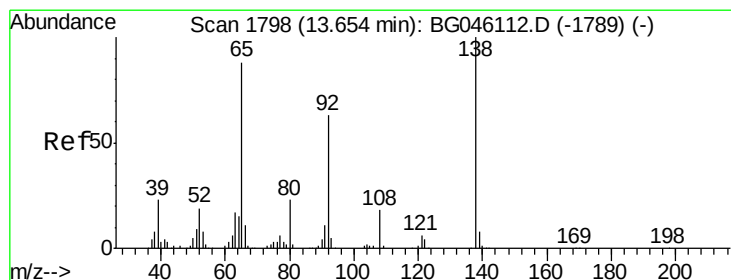
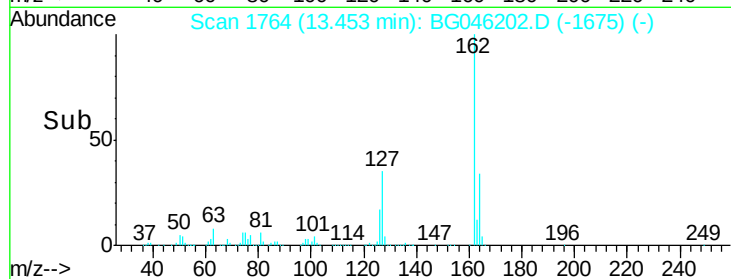
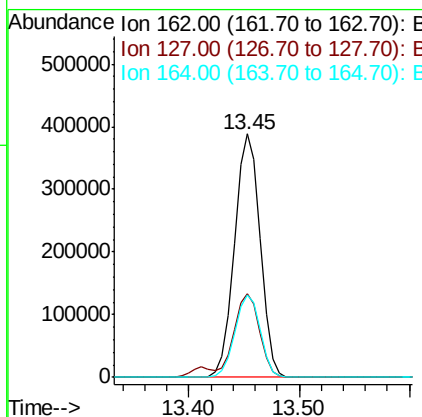
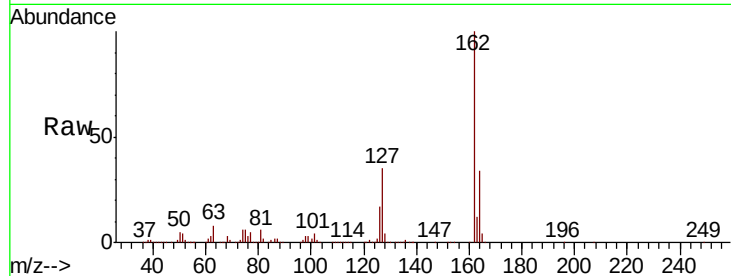
#47  
 2-Chloronaphthalene  
 Concen: 39.242 ng  
 RT: 13.45 min Scan# 1764  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampled :  
 JB-1AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 632702 |       |       |
| 127     | 34.6  | 28.0   | 42.0  |       |
| 164     | 34.0  | 26.5   | 39.7  |       |

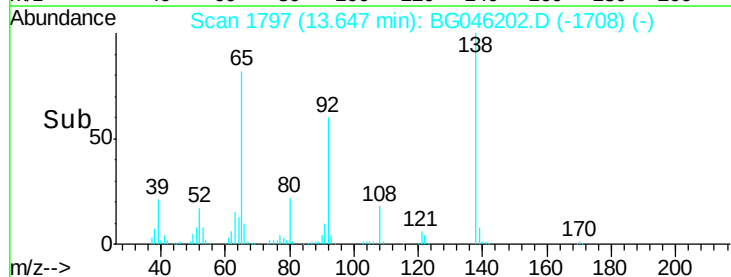
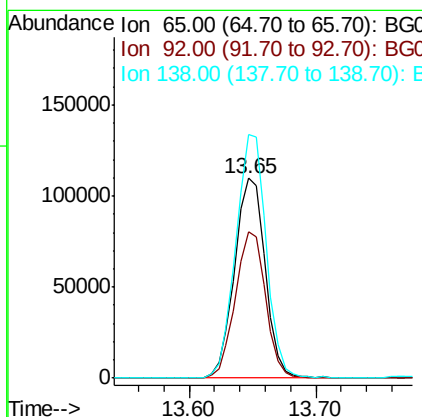
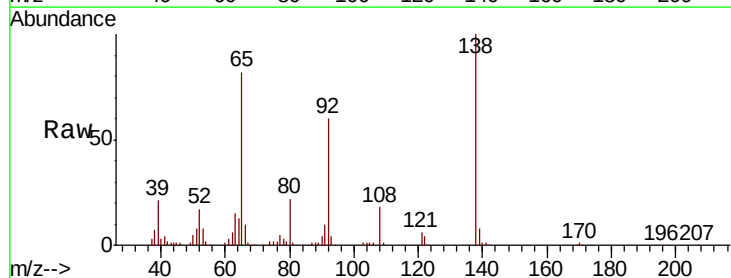
Manual Integrations  
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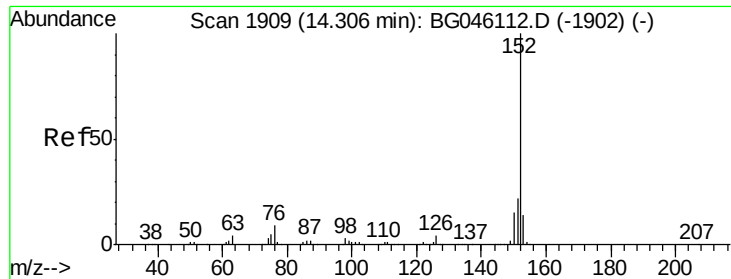
mohammad  
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#48  
 2-Nitroaniline  
 Concen: 43.432 ng  
 RT: 13.65 min Scan# 1797  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 183550 |       |       |
| 92      | 73.2  | 57.4   | 86.2  |       |
| 138     | 121.8 | 91.1   | 136.7 |       |





#49

Acenaphthylene

Concen: 40.760 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

ClientSampleId :

JB-1AMS

Tot Ion:152 Resp: 1020473

Ion Ratio Lower Upper

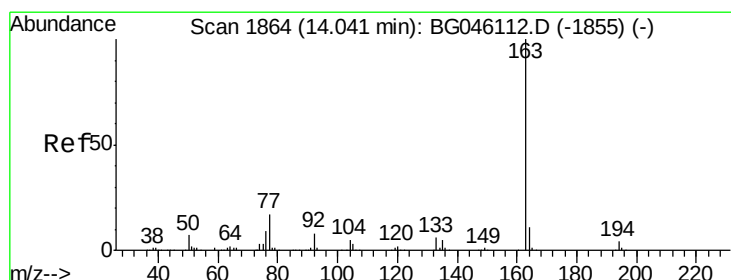
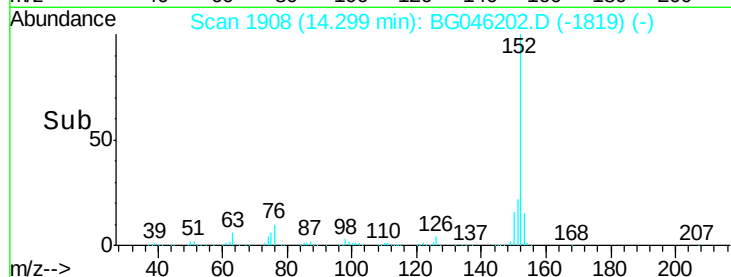
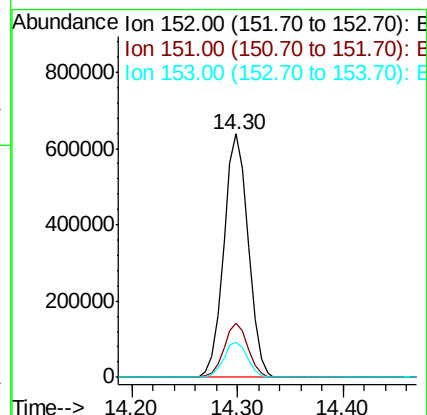
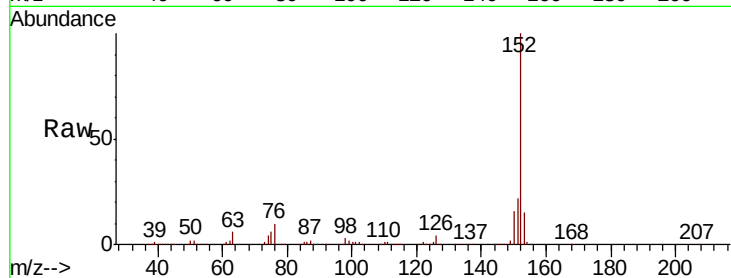
152 100

151 22.4 17.4 26.2

153 14.6 10.9 16.3

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#50

Dimethylphthalate

Concen: 43.178 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

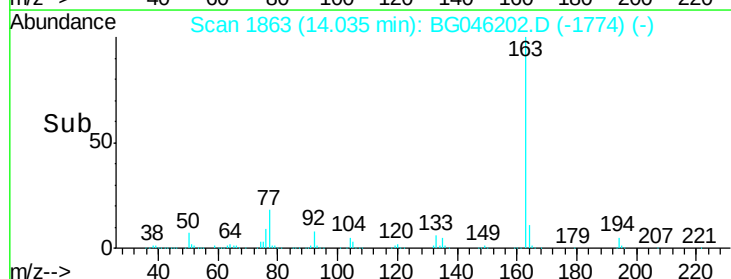
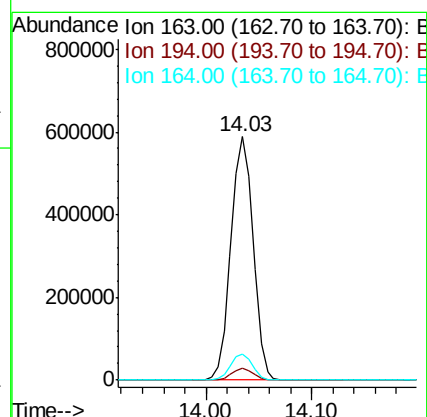
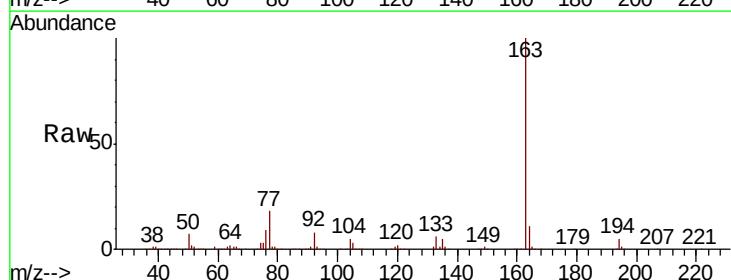
Tgt Ion:163 Resp: 853894

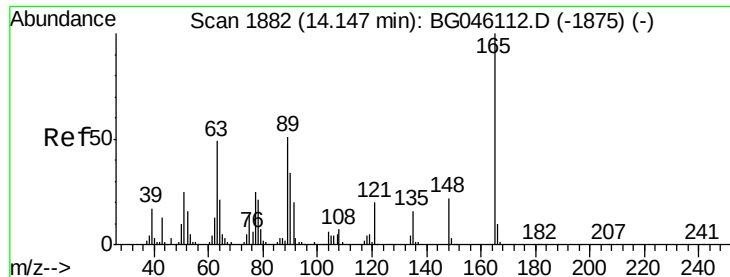
Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

164 10.9 8.8 13.2





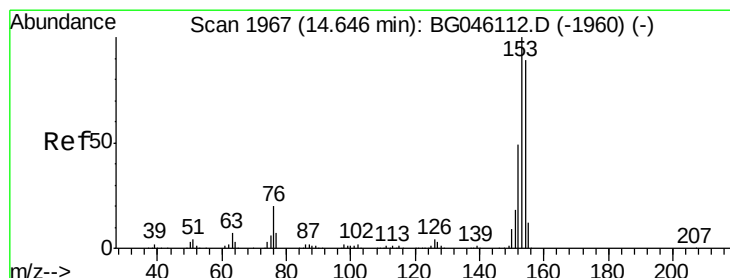
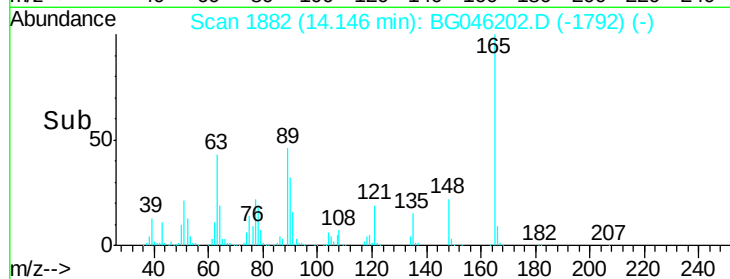
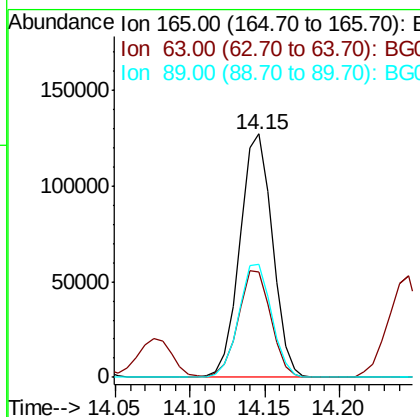
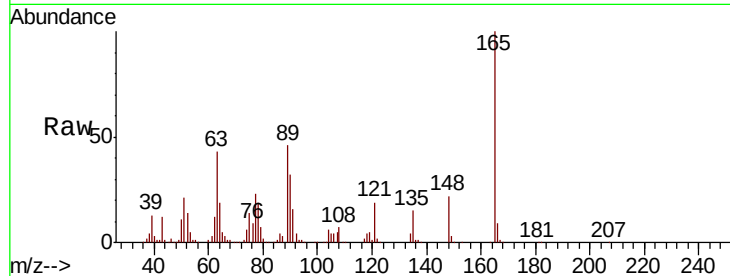
#51  
 2,6-Dinitrotoluene  
 Concen: 41.827 ng  
 RT: 14.15 min Scan# 1882  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 192505 |       |       |
| 63      | 43.4  | 39.7   | 59.5  |       |
| 89      | 46.3  | 41.0   | 61.6  |       |

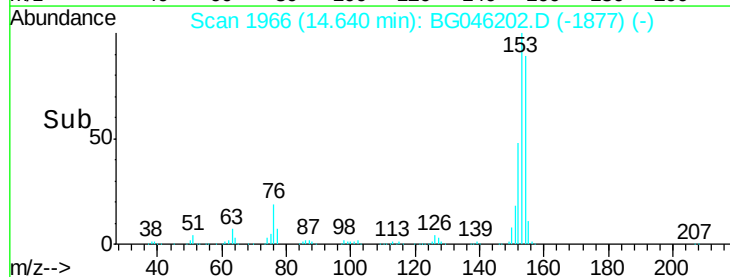
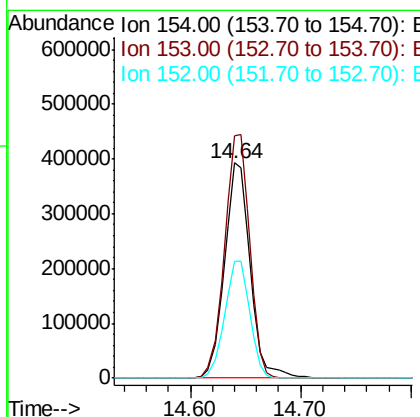
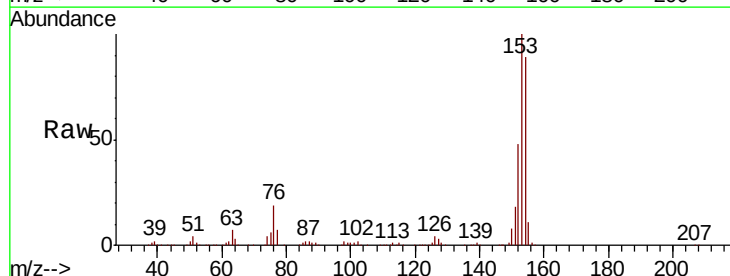
Manual Integrations  
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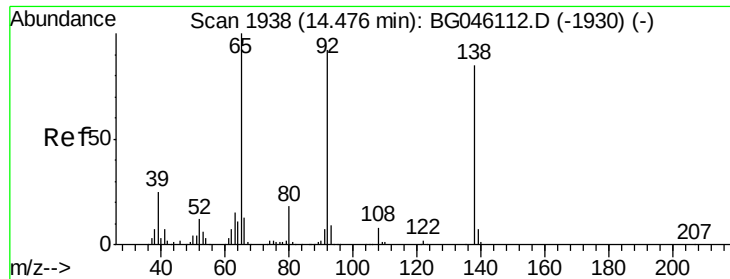
mohammad  
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#52  
 Acenaphthene  
 Concen: 38.757 ng  
 RT: 14.64 min Scan# 1966  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 640401 |       |       |
| 153     | 112.6 | 89.8   | 134.8 |       |
| 152     | 54.3  | 44.5   | 66.7  |       |





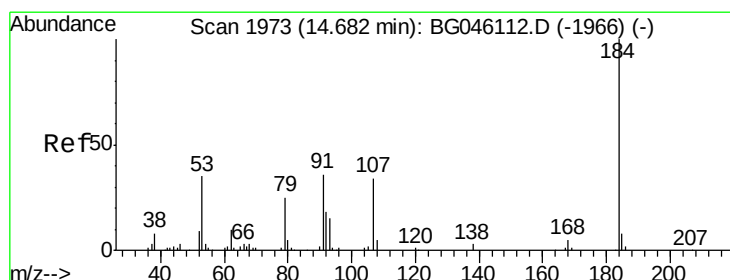
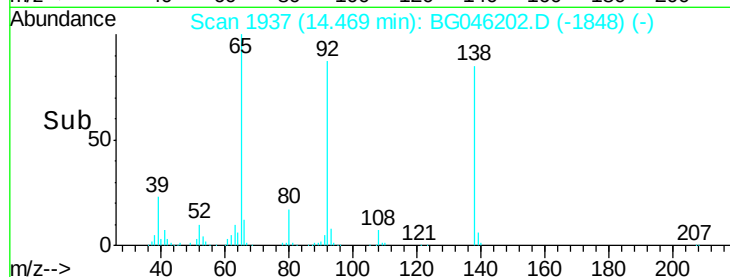
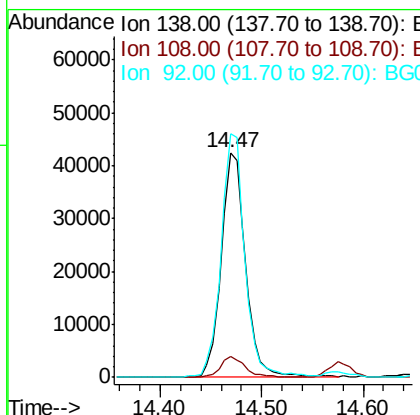
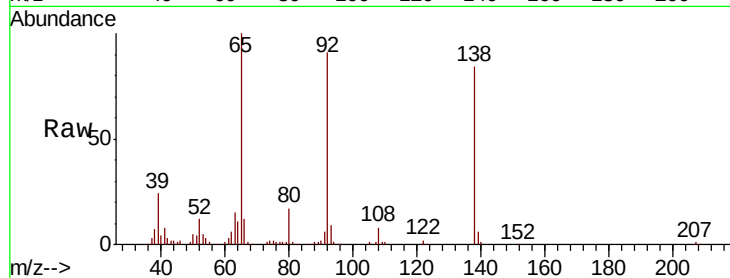
#53  
3-Nitroaniline  
Concen: 15.520 ng  
RT: 14.47 min Scan# 1937  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.2   | 7.2   | 10.8  |
| 92      | 108.4 | 87.5  | 131.3 |

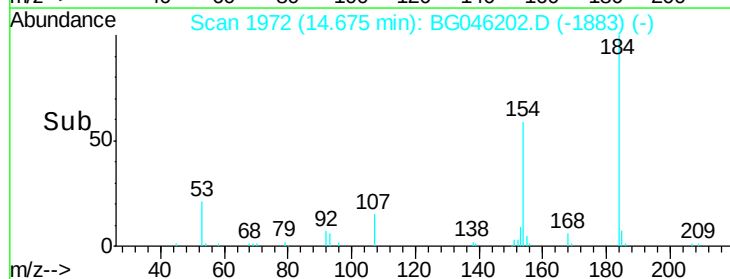
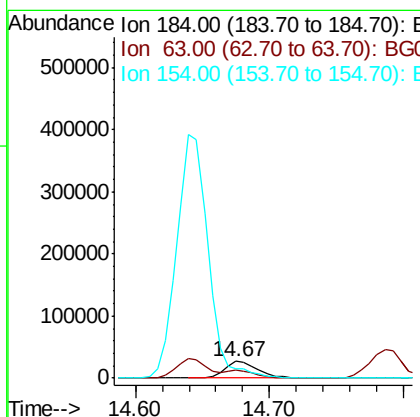
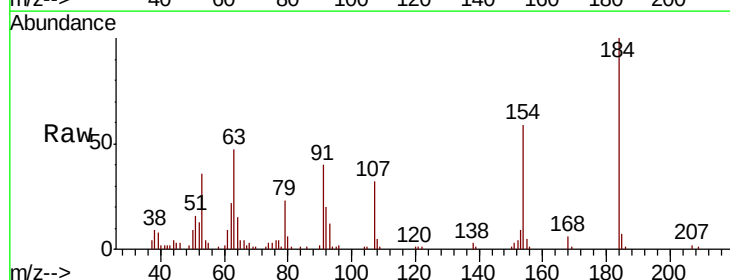
Manual Integrations  
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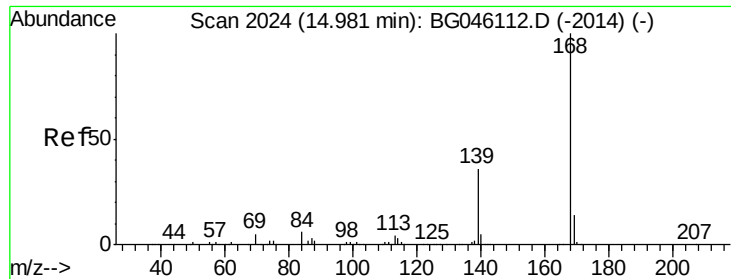
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 22.480 ng  
RT: 14.67 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 46.7  | 36.7  | 55.1  |
| 154     | 59.3  | 41.3  | 61.9  |





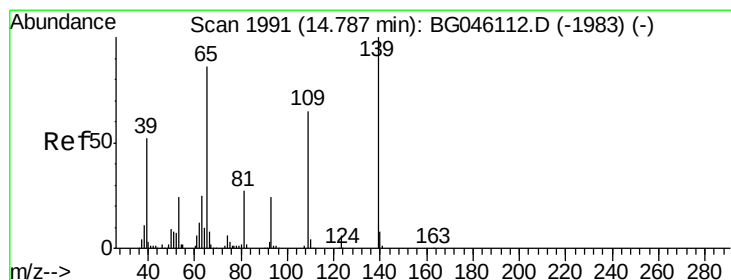
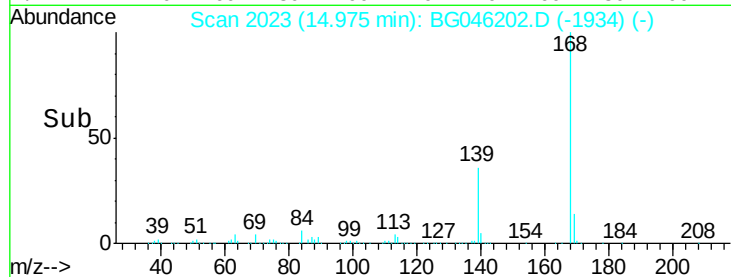
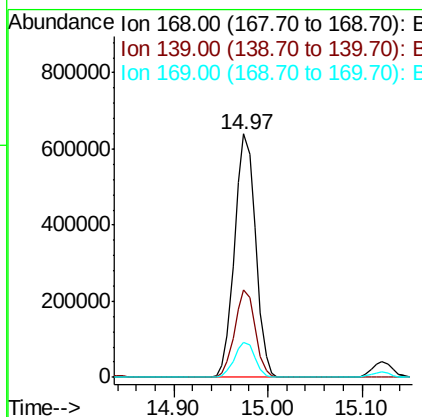
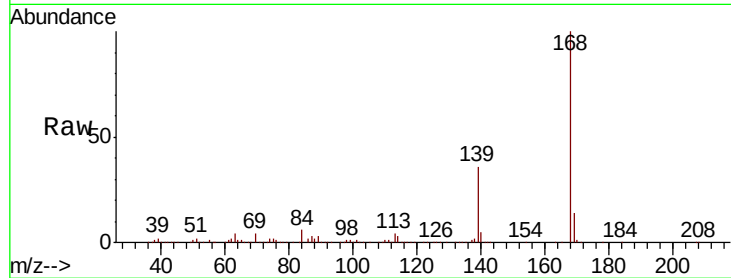
#55  
Dibenzofuran  
Concen: 39.836 ng  
RT: 14.97 min Scan# 2023  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.7  | 29.0  | 43.4  |
| 169     | 14.4  | 11.3  | 16.9  |

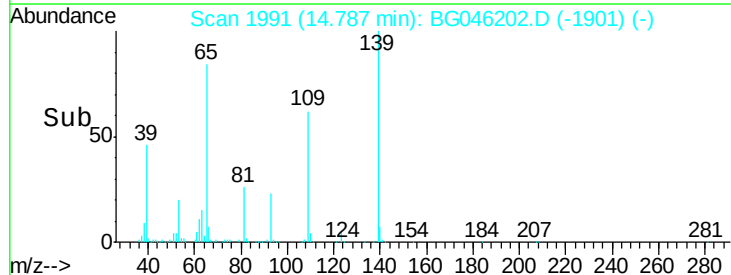
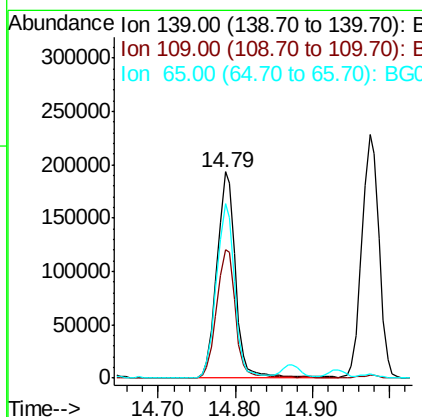
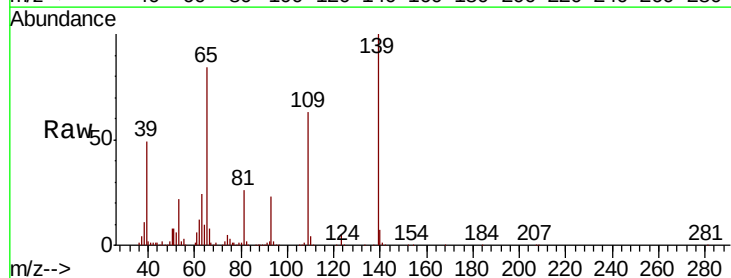
Manual Integrations  
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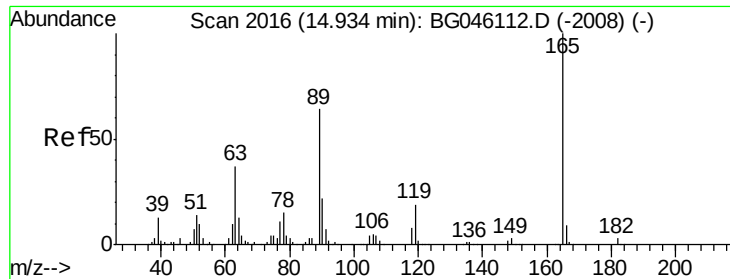


#56  
4-Nitrophenol  
Concen: 82.110 ng  
RT: 14.79 min Scan# 1991  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 62.5  | 45.1  | 85.1  |
| 65      | 84.3  | 66.4  | 106.4 |







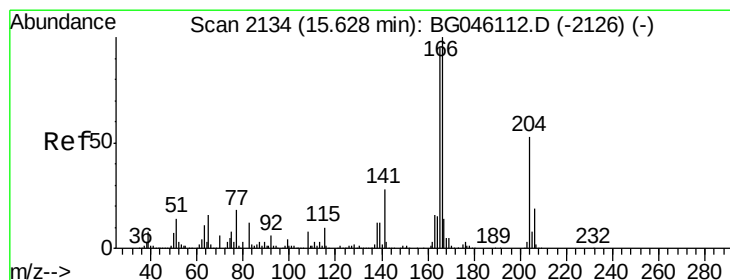
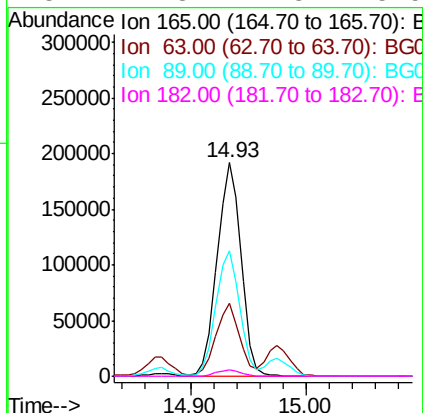
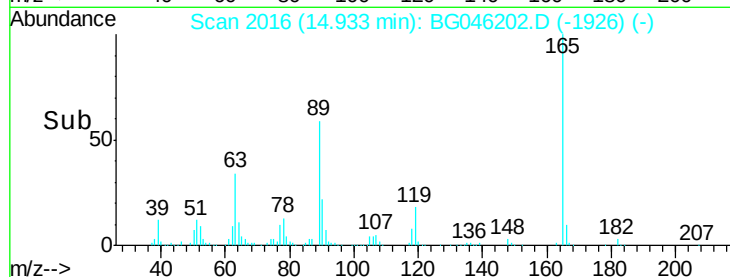
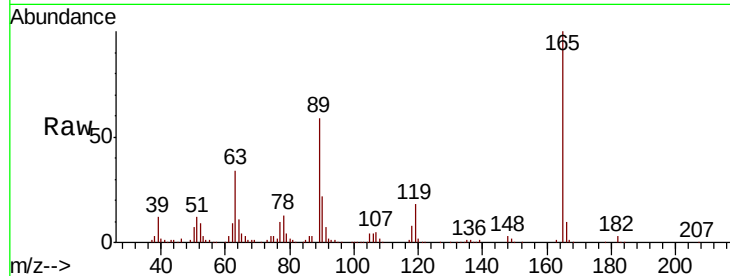
#57  
2,4-Dinitrotoluene  
Concen: 43.409 ng  
RT: 14.93 min Scan# 2016  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampled :  
JB-1AMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 274691 |       |       |
| 63      | 34.0 | 30.1  | 45.1   |       |       |
| 89      | 58.6 | 51.4  | 77.2   |       |       |
| 182     | 2.8  | 2.3   | 3.5    |       |       |

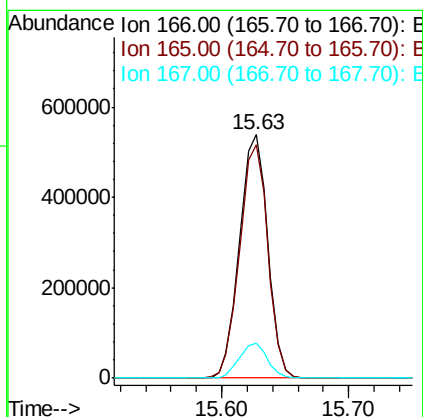
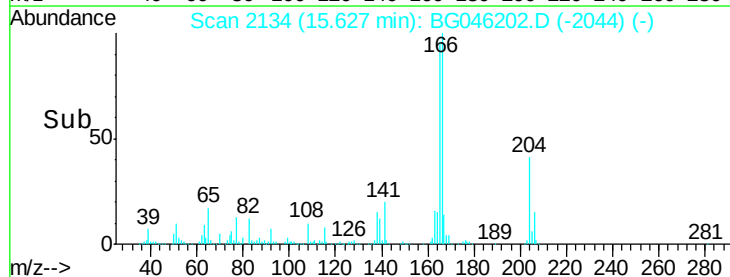
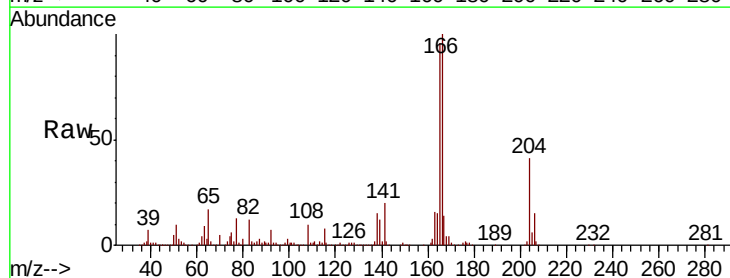
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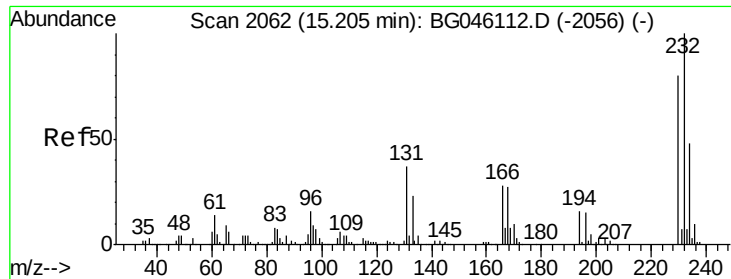
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#58  
Fluorene  
Concen: 41.077 ng  
RT: 15.63 min Scan# 2134  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 829400 |       |       |
| 165     | 96.1 | 76.3  | 114.5  |       |       |
| 167     | 14.2 | 11.0  | 16.6   |       |       |





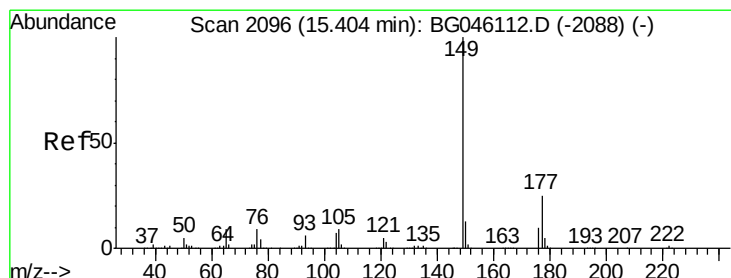
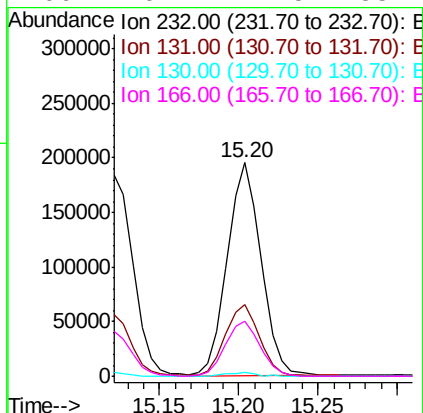
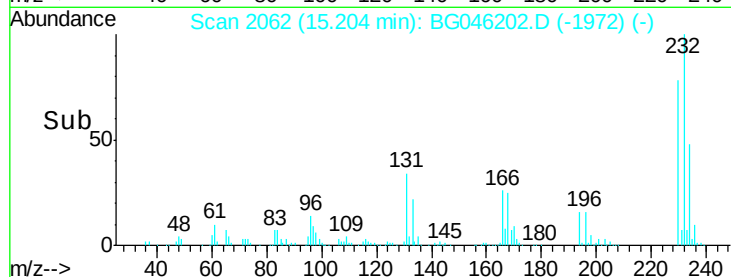
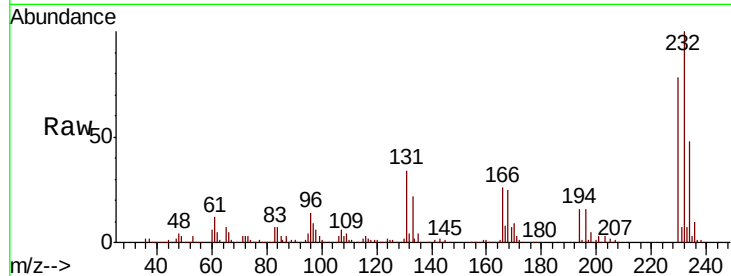
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.005 ng  
RT: 15.20 min Scan# 2062  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 286126 |       |       |
| 131     | 34.3  | 28.6   | 42.8  |       |
| 130     | 1.7   | 1.6    | 2.4   |       |
| 166     | 26.7  | 22.5   | 33.7  |       |

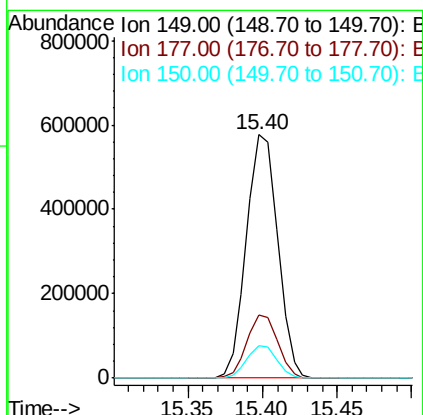
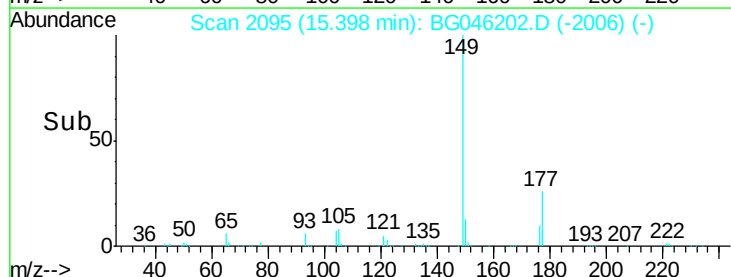
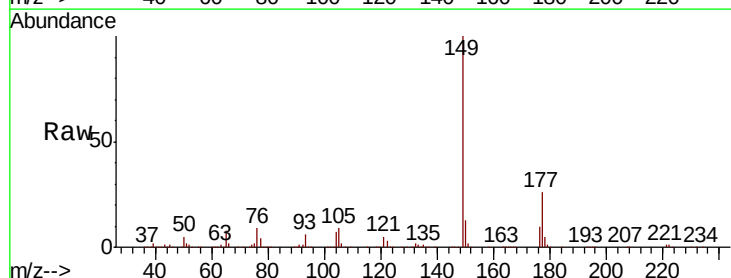
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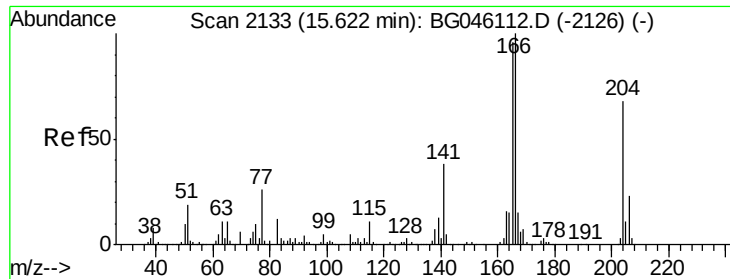
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#60  
Diethylphthalate  
Concen: 43.131 ng  
RT: 15.40 min Scan# 2095  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 839069 |       |       |
| 177     | 26.1  | 19.7   | 29.5  |       |
| 150     | 13.3  | 10.8   | 16.2  |       |





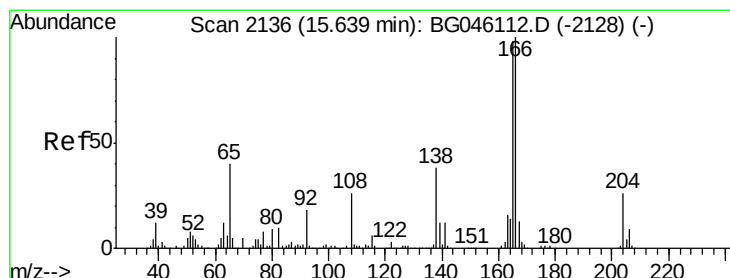
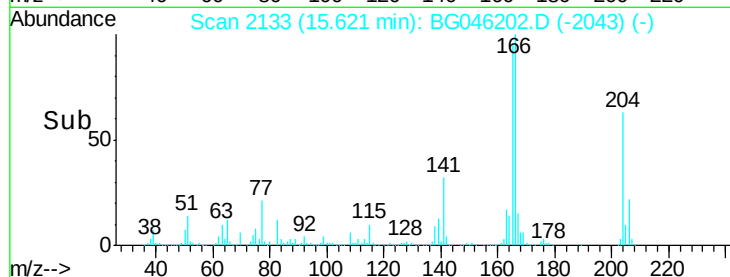
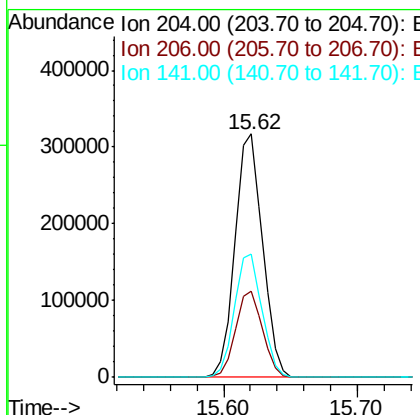
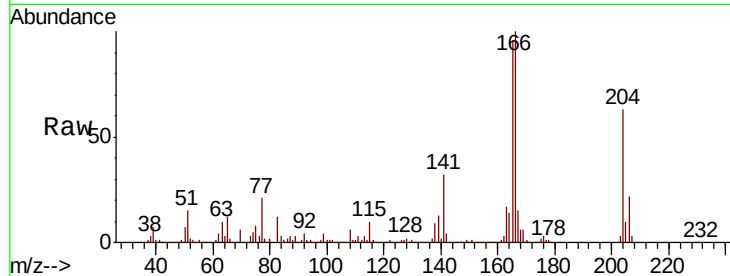
#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.093 ng  
 RT: 15.62 min Scan# 2133  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampled :  
 JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.5  | 27.7  | 41.5  |
| 141     | 50.6  | 44.7  | 67.1  |

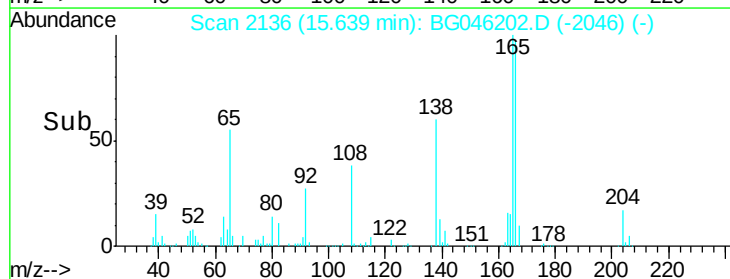
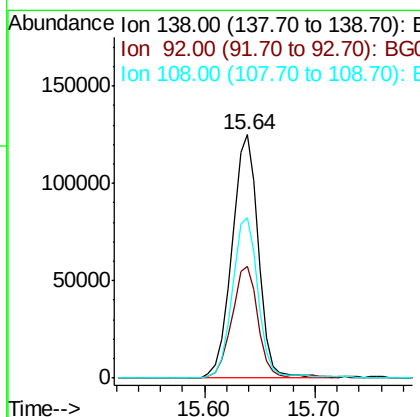
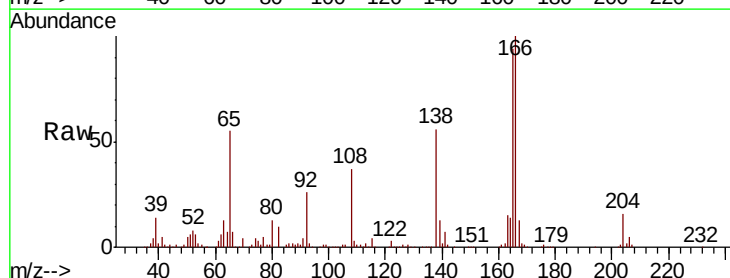
Manual Integrations  
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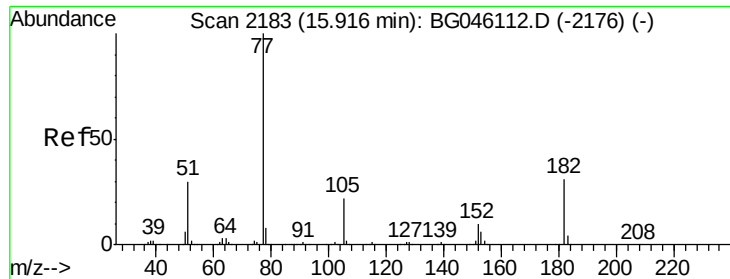
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#62  
 4-Nitroaniline  
 Concen: 45.779 ng  
 RT: 15.64 min Scan# 2136  
 Delta R.T. -0.00 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.8  | 28.3  | 68.3  |
| 108     | 66.1  | 49.2  | 89.2  |





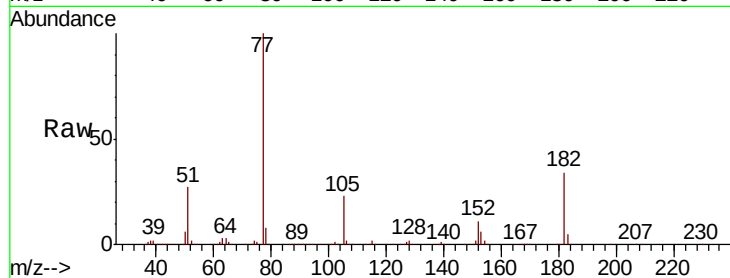
#63  
Azobenzene  
Concen: 39.302 ng  
RT: 15.91 min Scan# 2183  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

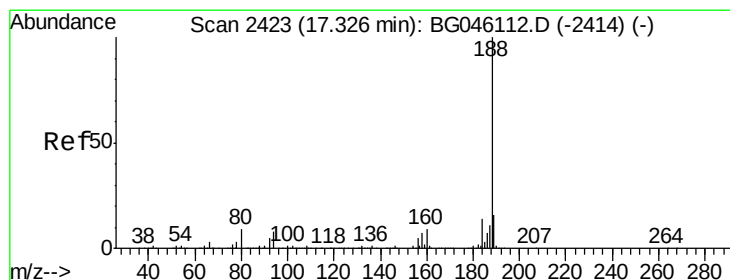
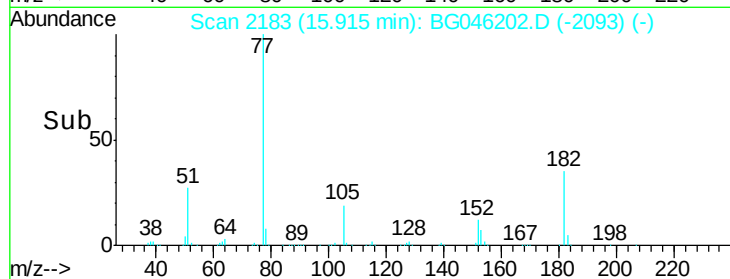
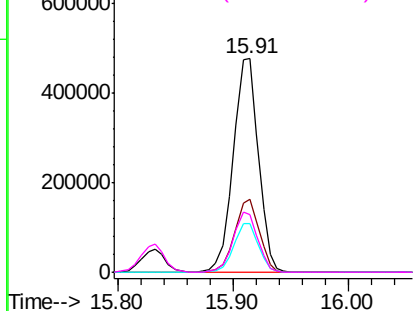
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 34.1 | 10.7  | 50.7  |       |
| 105     | 22.7 | 1.9   | 41.9  |       |
| 51      | 27.1 | 9.5   | 49.5  |       |

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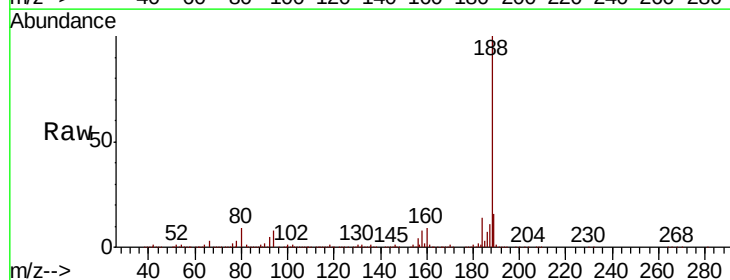


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

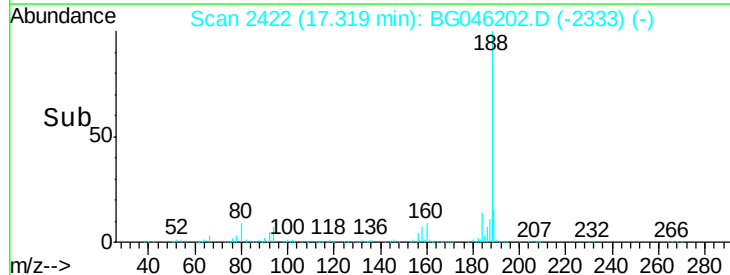
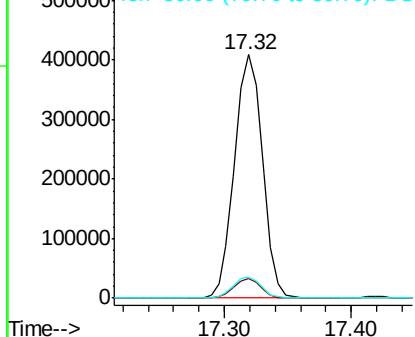


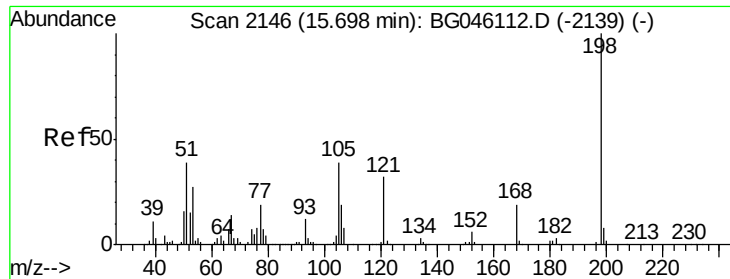
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 7.9 | 6.4   | 9.6   |       |
| 80      | 8.7 | 7.4   | 11.0  |       |



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





#65

4,6-Dinitro-2-methylphenol

Concen: 18.237 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

ClientSampleId :

JB-1AMS

Tot Ion:198 Resp: 75403

Ion Ratio Lower Upper

198 100

51 34.3 20.1 60.1

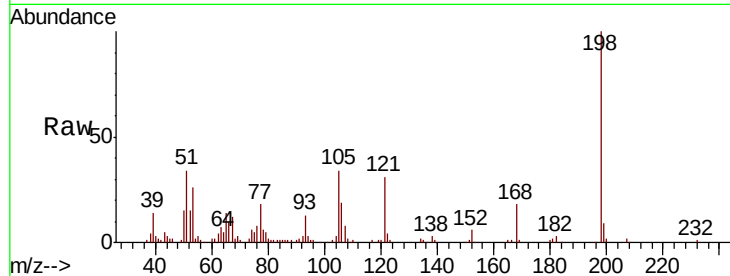
105 34.5 19.2 59.2

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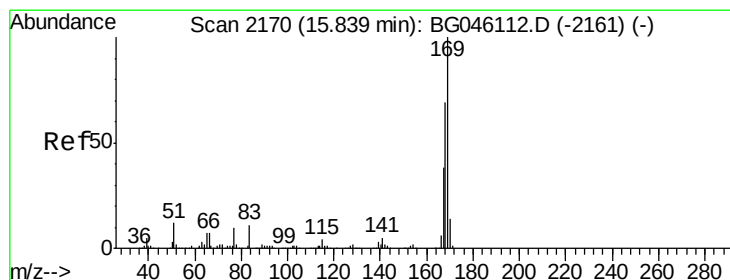
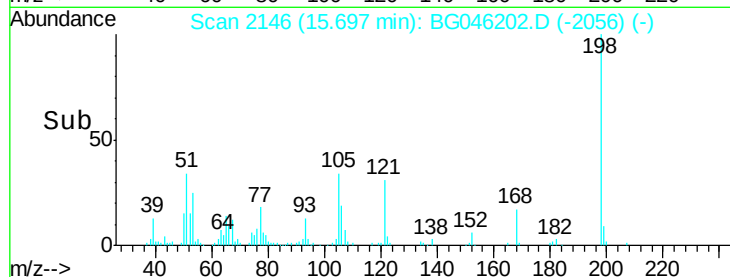
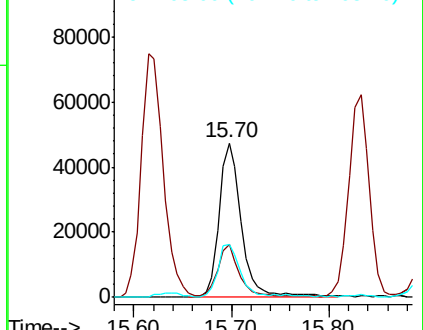
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.396 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

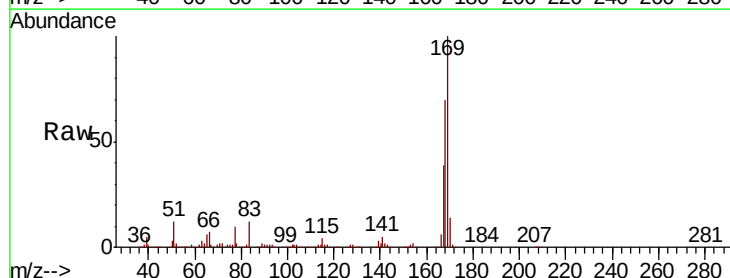
Tgt Ion:169 Resp: 764479

Ion Ratio Lower Upper

169 100

168 69.7 55.1 82.7

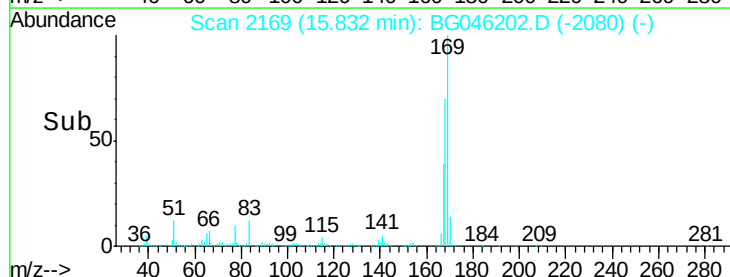
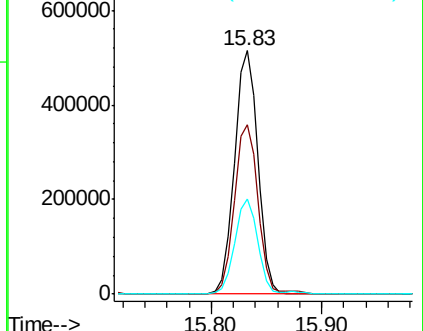
167 38.9 30.5 45.7

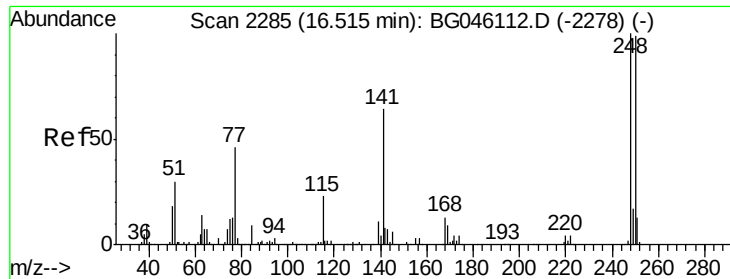


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





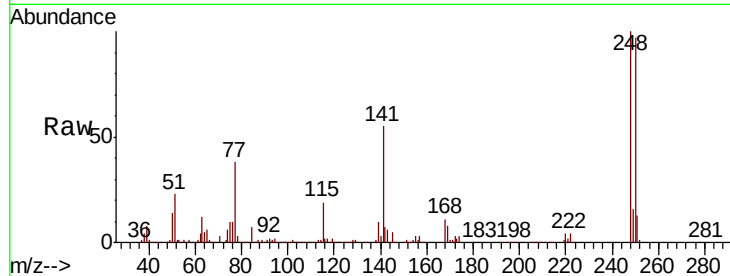
#67  
4-Bromophenyl-phenylether  
Concen: 42.508 ng  
RT: 16.51 min Scan# 2285  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.9  | 79.4  | 119.0 |
| 141     | 55.2  | 50.9  | 76.3  |

Manual Integrations  
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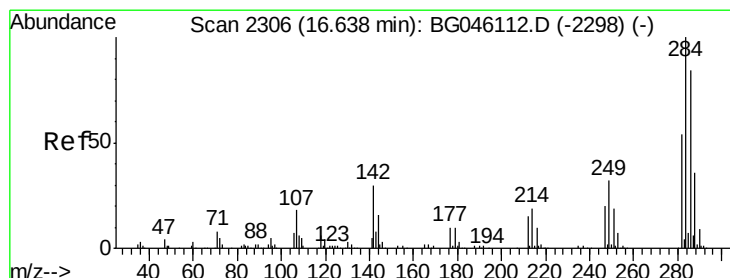
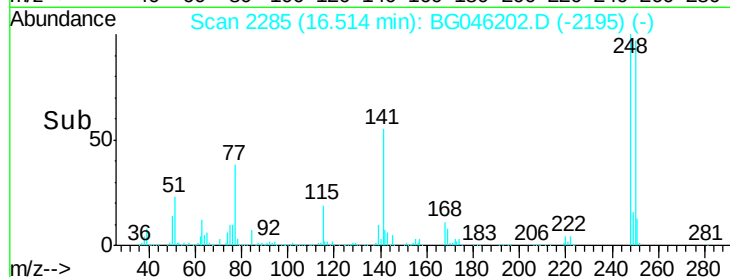
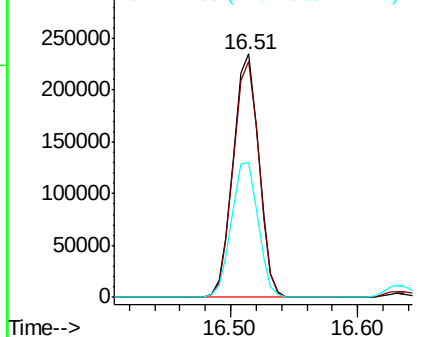


Abundance

Ion 248.00 (247.70 to 248.70): E

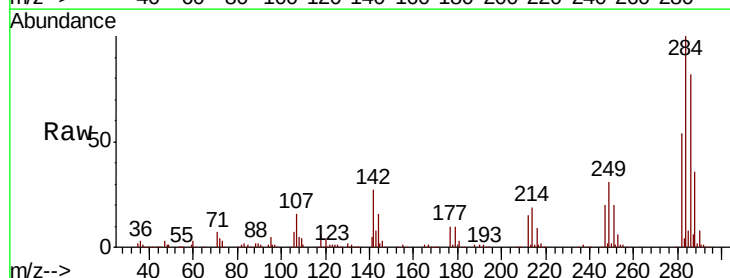
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 42.504 ng  
RT: 16.63 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.0  | 23.6  | 35.4  |
| 249     | 31.0  | 25.3  | 37.9  |

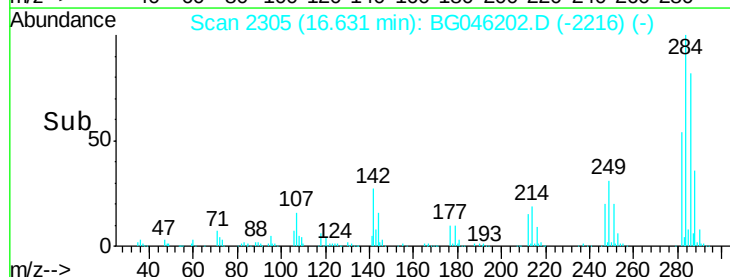
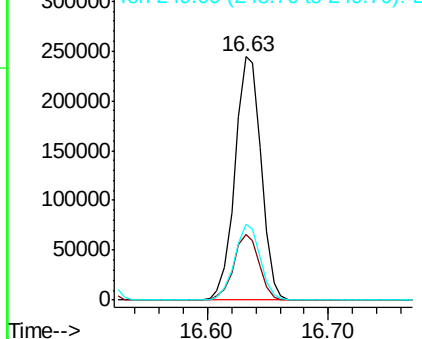


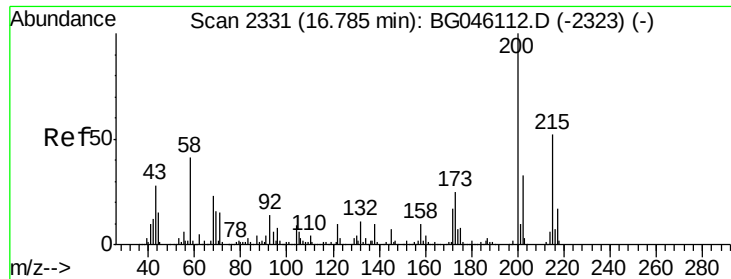
Abundance

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: 40.251 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

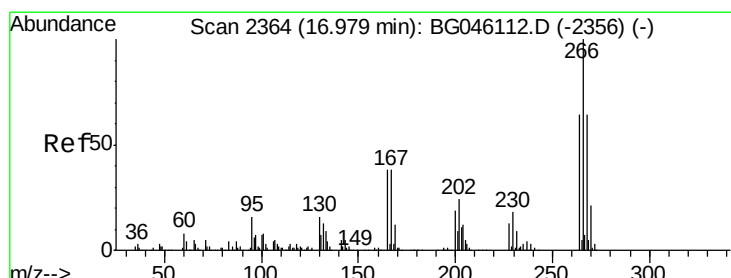
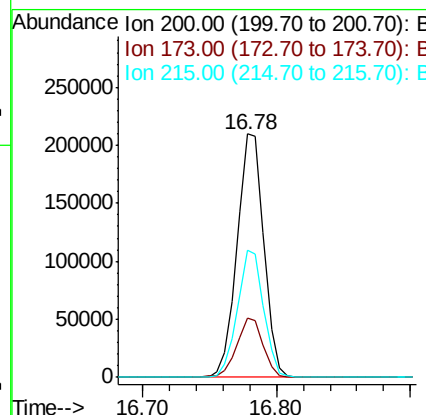
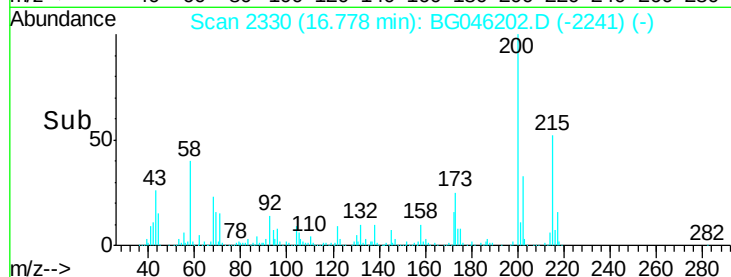
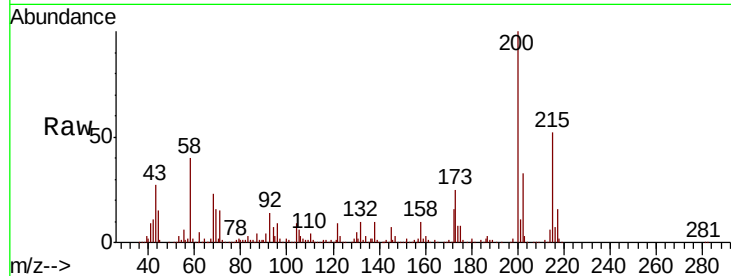
ClientSampleId :

JB-1AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 293318 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.6  | 5.3   | 45.3   |
| 215       | 52.2  | 31.5  | 71.5   |

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#70

Pentachlorophenol

Concen: 53.617 ng

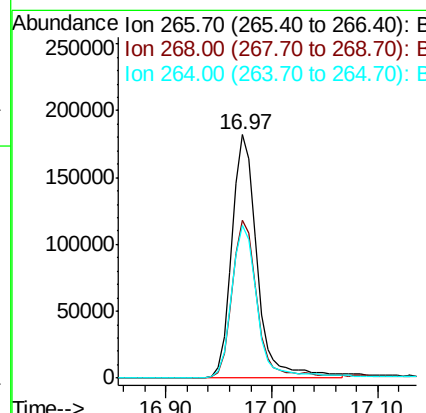
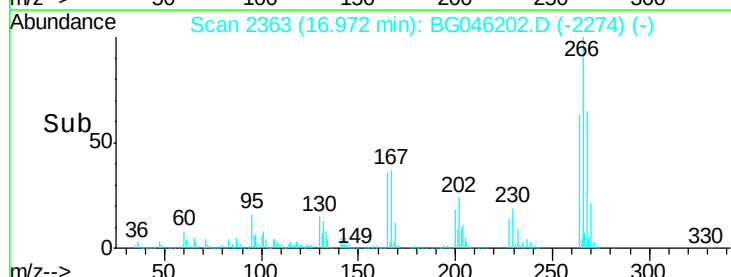
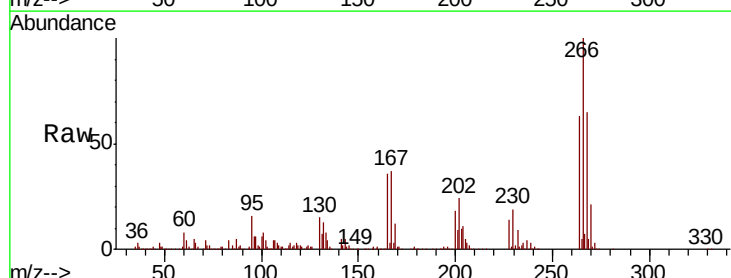
RT: 16.97 min Scan# 2363

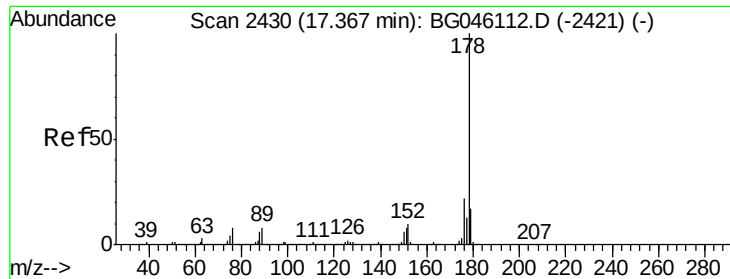
Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 301296 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 65.0  | 51.2  | 76.8   |
| 264       | 62.5  | 51.1  | 76.7   |





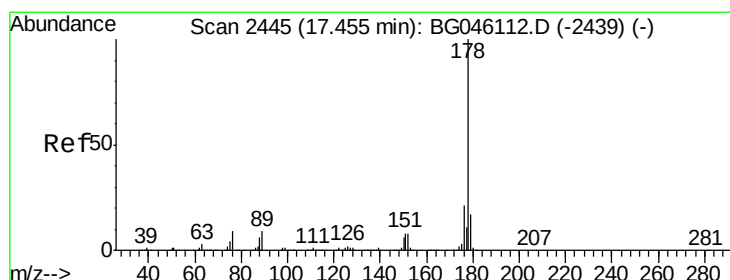
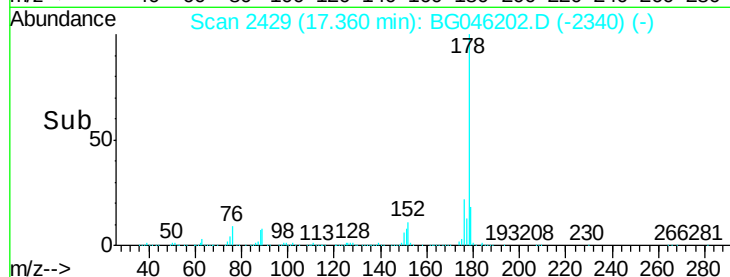
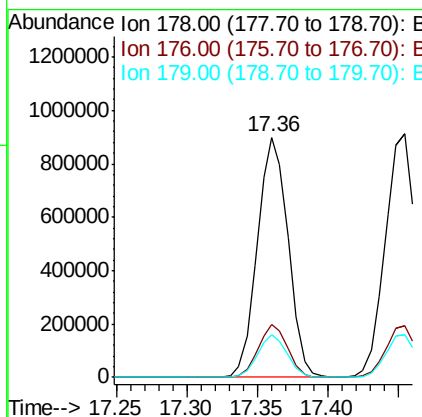
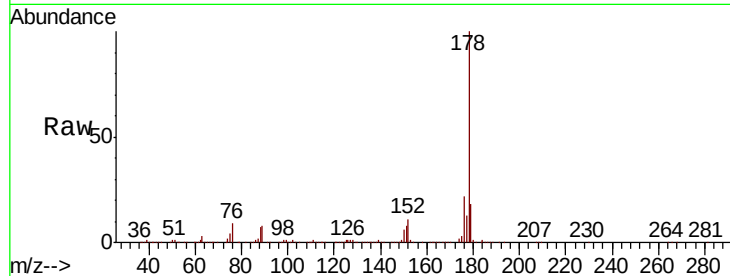
#71  
Phenanthrene  
Concen: 40.234 ng  
RT: 17.36 min Scan# 2429  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

Tot Ion:178 Resp: 1377899  
Ion Ratio Lower Upper  
178 100  
176 22.2 17.3 25.9  
179 17.9 13.8 20.6

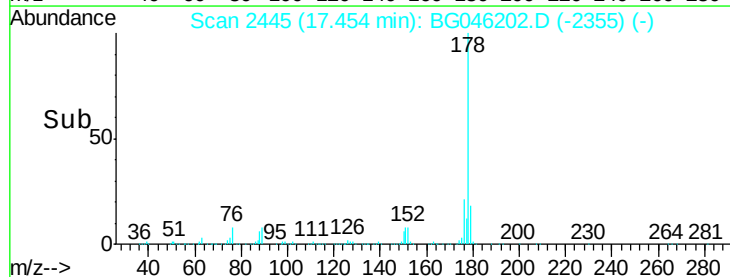
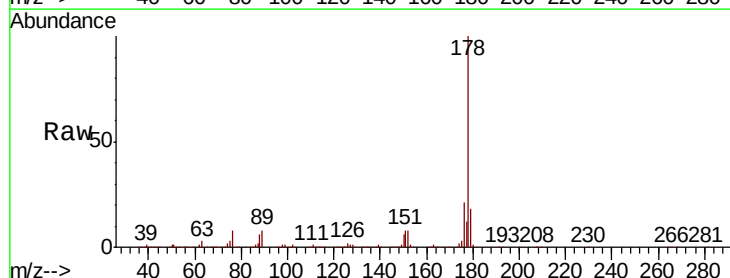
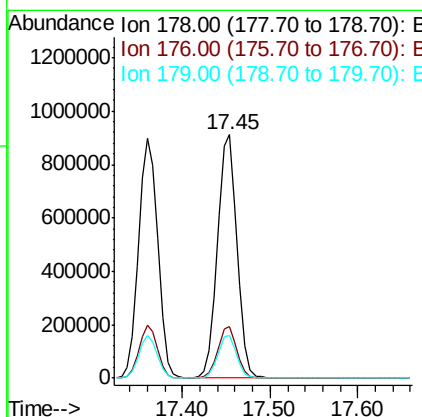
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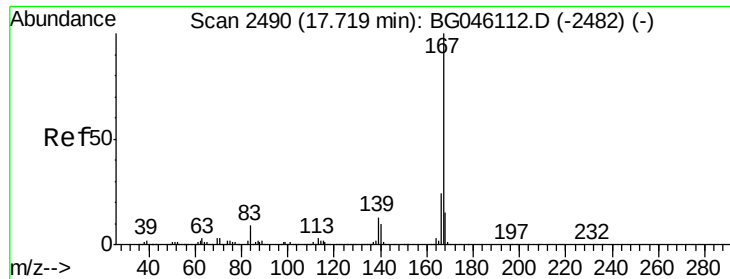


#72  
Anthracene  
Concen: 41.405 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. -0.00 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Tgt Ion:178 Resp: 1410451  
Ion Ratio Lower Upper  
178 100  
176 21.3 16.6 24.8  
179 17.6 13.4 20.2







#73

Carbazole

Concen: 41.107 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

ClientSampled :

JB-1AMS

Tot Ion:167 Resp: 1350260

Ion Ratio Lower Upper

167 100

166 25.1 19.4 29.0

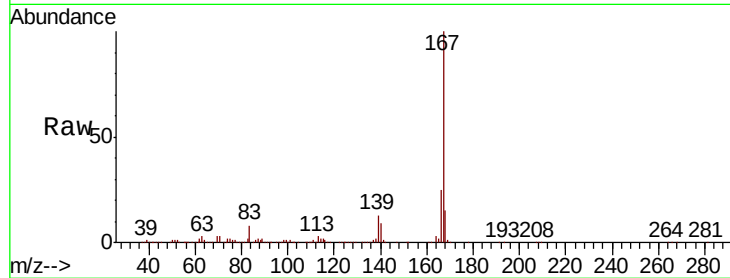
139 13.0 10.1 15.1

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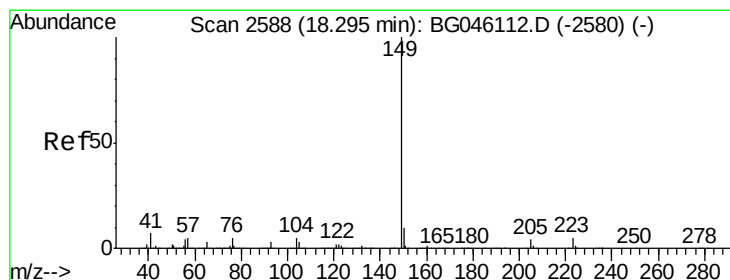
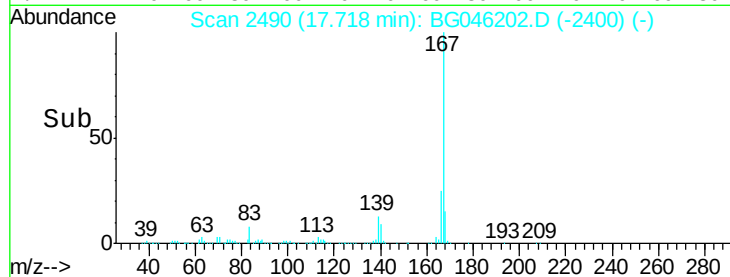
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.72

Time-->



#74

Di-n-butylphthalate

Concen: 43.744 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

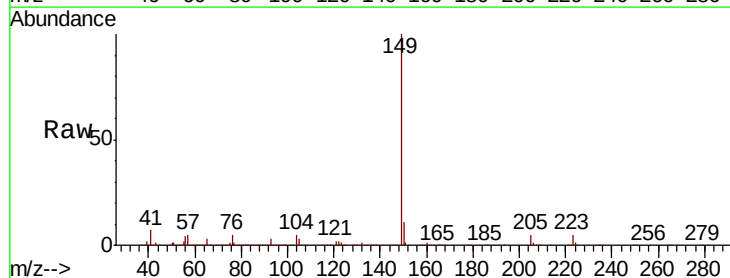
Tgt Ion:149 Resp: 1501941

Ion Ratio Lower Upper

149 100

150 11.0 8.4 12.6

104 5.1 4.2 6.2



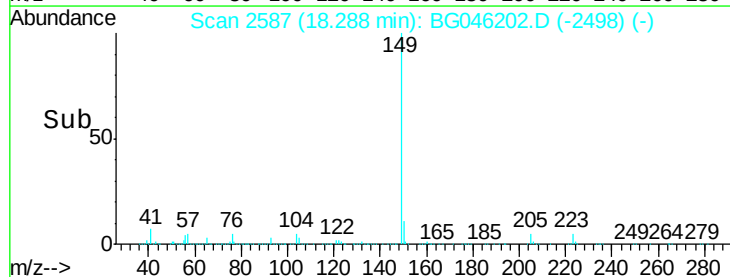
Abundance Ion 149.00 (148.70 to 149.70): E

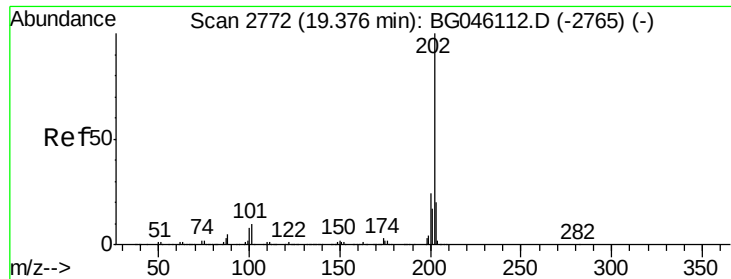
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.29

Time-->





#75

Fluoranthene

Concen: 41.642 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

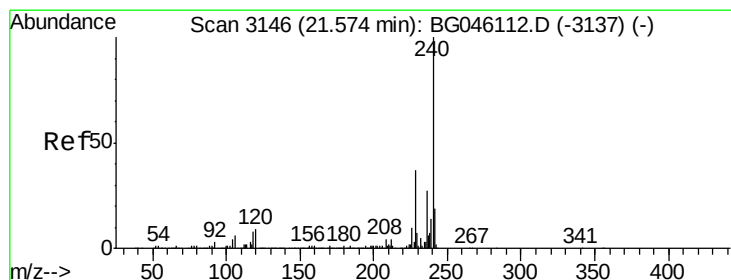
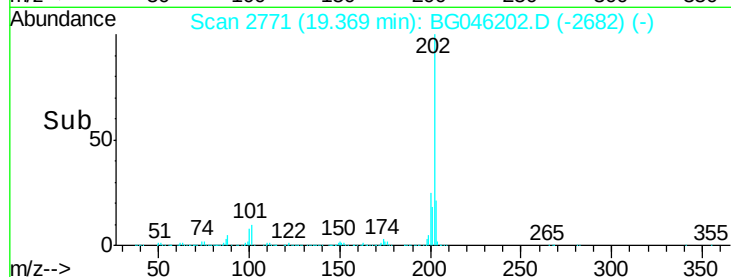
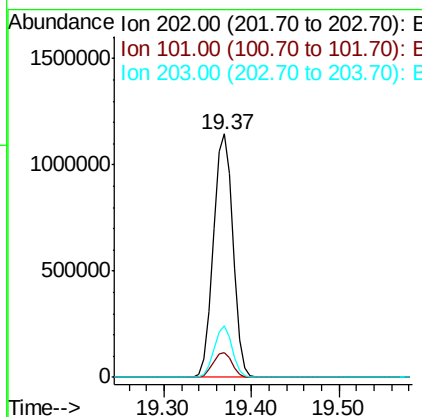
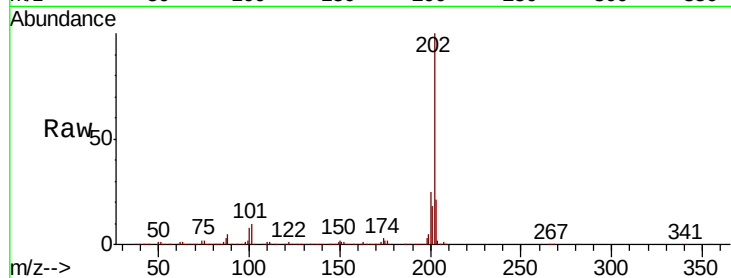
ClientSampleId :

JB-1AMS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1780426 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.2  | 0.0   | 30.0    |
| 203      | 20.9  | 0.2   | 40.2    |

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#76

Chrysene-d12

Concen: 20.000 ng

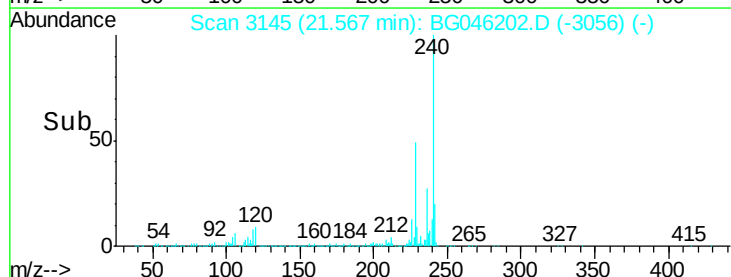
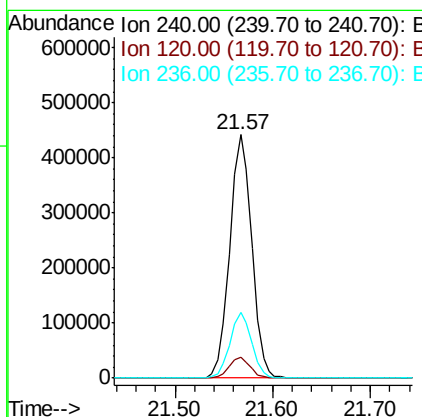
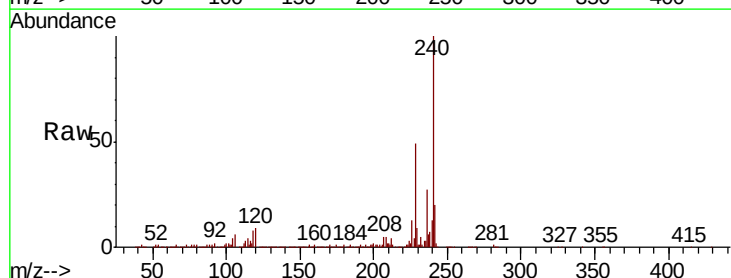
RT: 21.57 min Scan# 3145

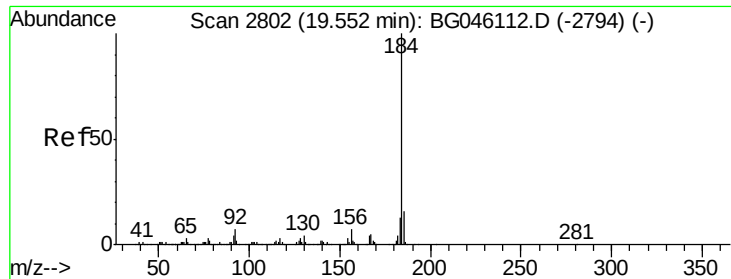
Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 691268 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.6   | 7.1   | 10.7   |
| 236      | 26.9  | 21.7  | 32.5   |





#77

Benzidine

Concen: 18.438 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

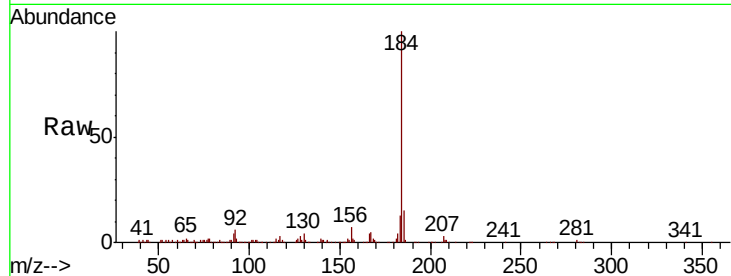
ClientSampleId :

JB-1AMS

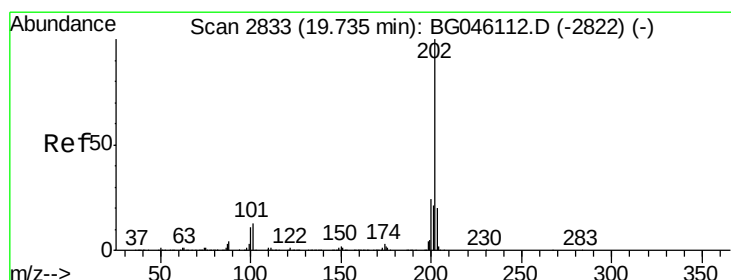
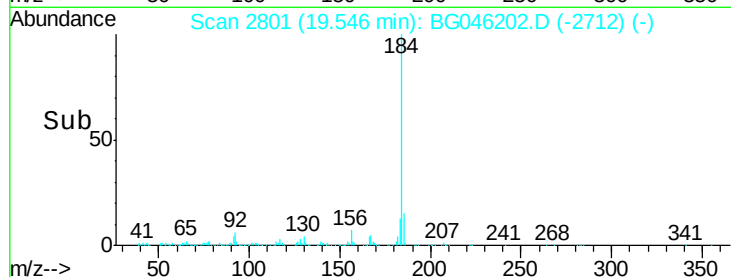
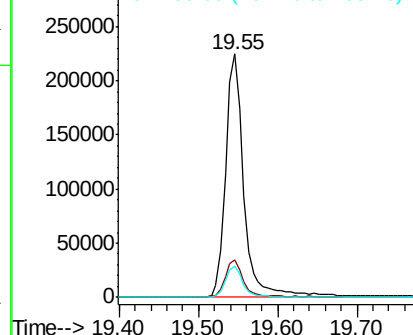
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 361025 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.3  | 13.0  | 19.4   |
| 183       | 12.7  | 10.5  | 15.7   |

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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: 38.307 ng

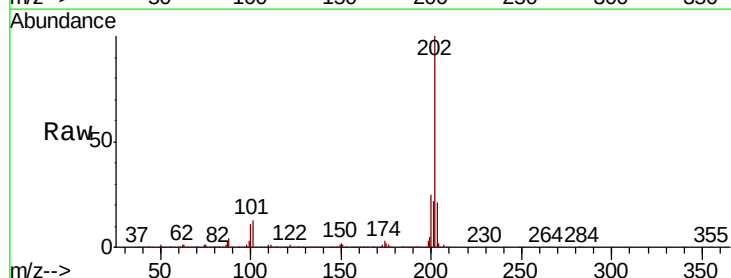
RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

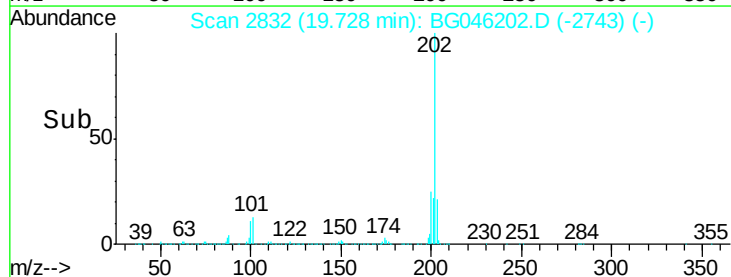
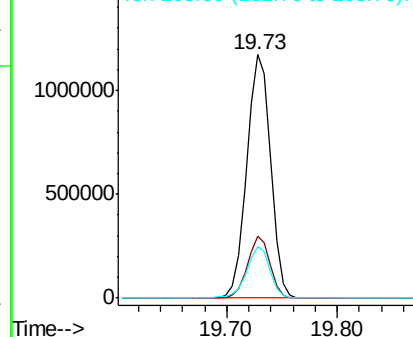
Lab File: BG046202.D

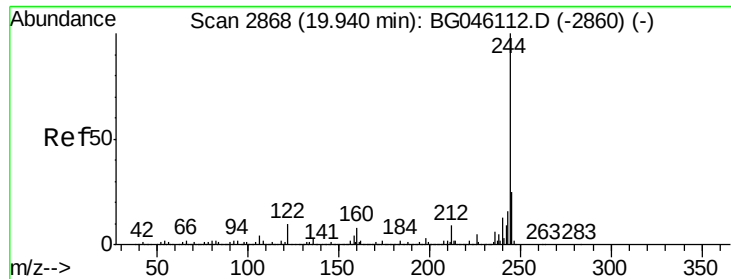
Acq: 7 Aug 2020 20:57

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1779248 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 25.2  | 19.5  | 29.3    |
| 203       | 21.3  | 16.2  | 24.2    |



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





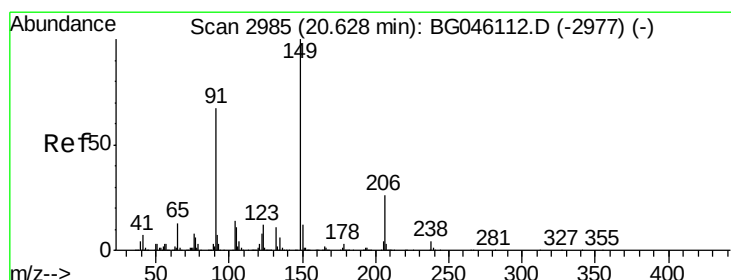
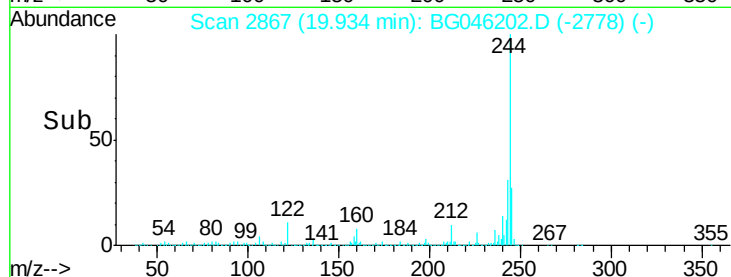
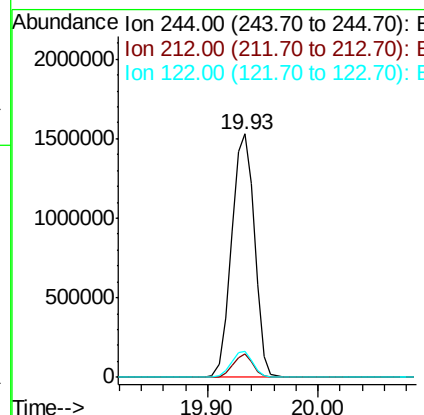
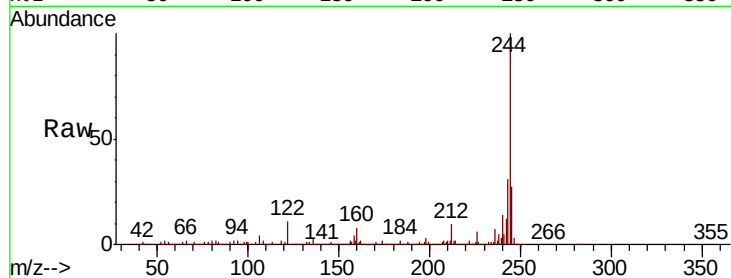
#79  
 Terphenyl-d14  
 Concen: 65.655 ng  
 RT: 19.93 min Scan# 2867  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.5   | 7.2   | 10.8  |
| 122     | 10.7  | 8.3   | 12.5  |

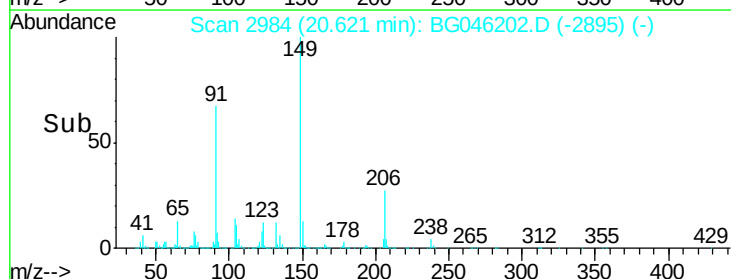
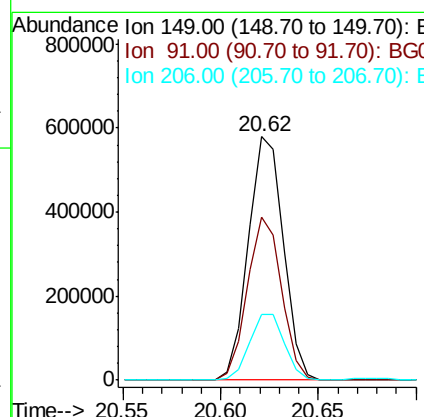
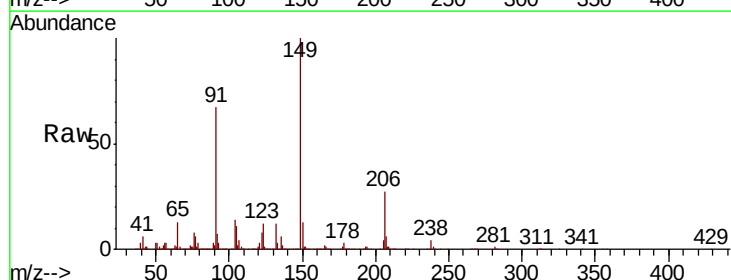
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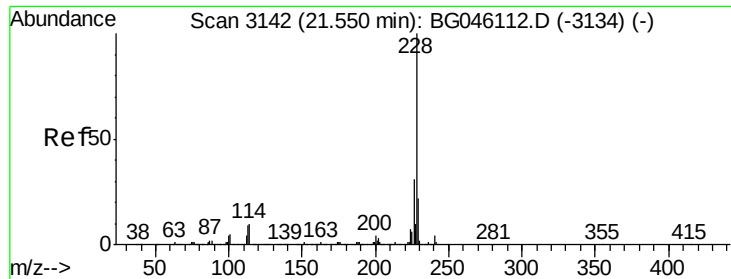
mohammad  
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#80  
 Butylbenzylphthalate  
 Concen: 42.914 ng  
 RT: 20.62 min Scan# 2984  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.2  | 53.8  | 80.8  |
| 206     | 27.1  | 20.4  | 30.6  |





#81

Benzo(a)anthracene

Concen: 39.568 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

ClientSampled :

JB-1AMS

Tot Ion:228 Resp: 1830427

Ion Ratio Lower Upper

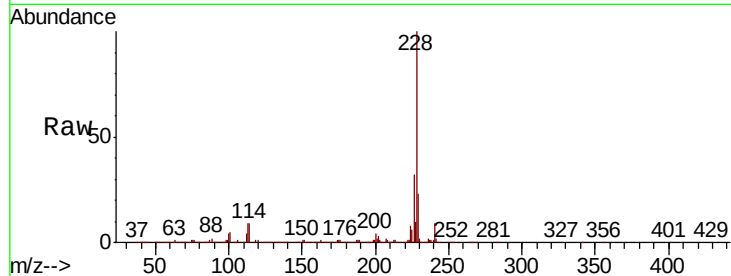
228 100

226 31.8 24.7 37.1

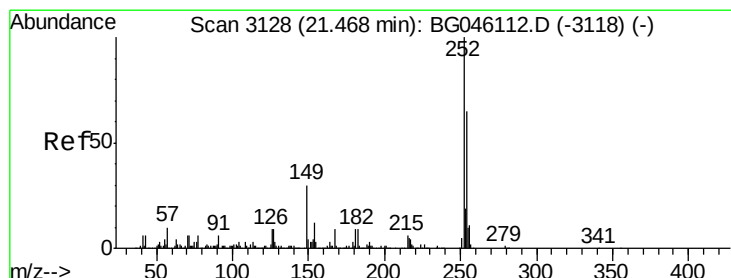
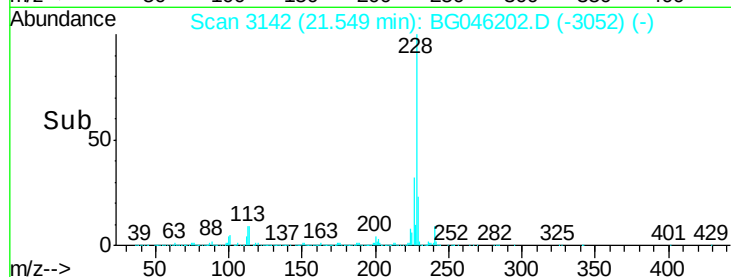
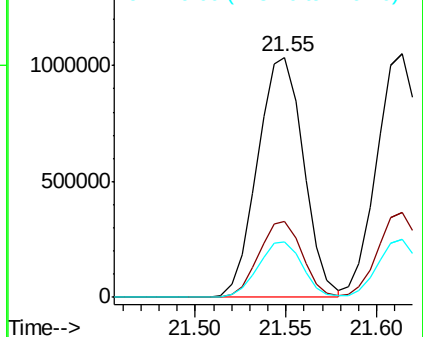
229 23.2 17.8 26.8

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



#82

3,3'-Dichlorobenzidine

Concen: 18.468 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

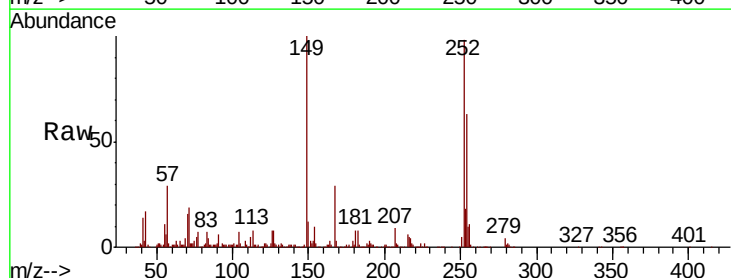
Tgt Ion:252 Resp: 354766

Ion Ratio Lower Upper

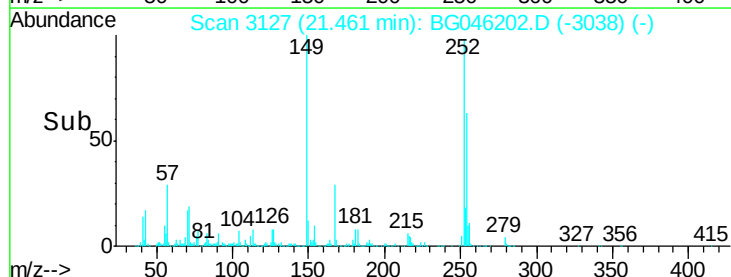
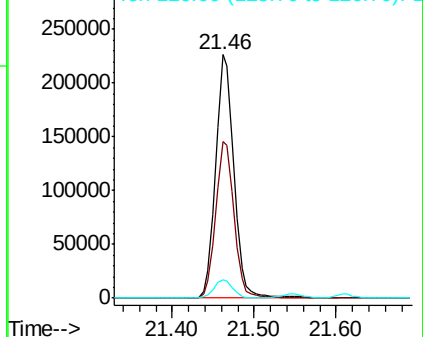
252 100

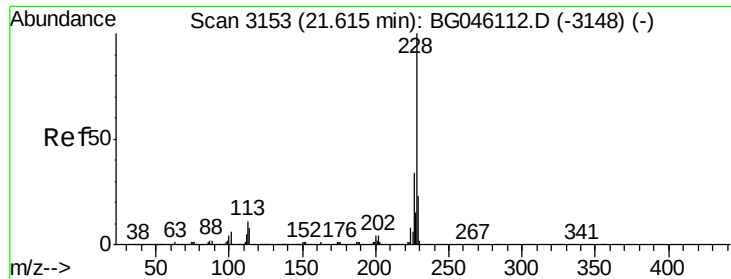
254 64.3 51.8 77.8

126 7.7 7.1 10.7



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





#83

Chrysene

Concen: 38.648 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

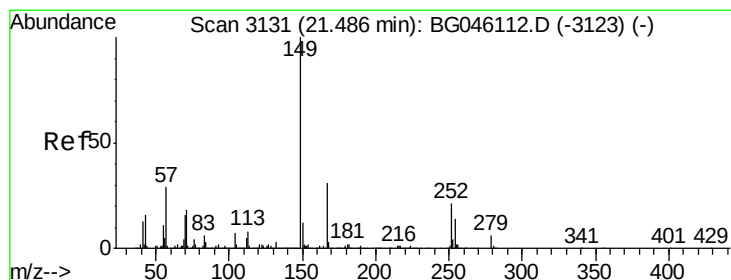
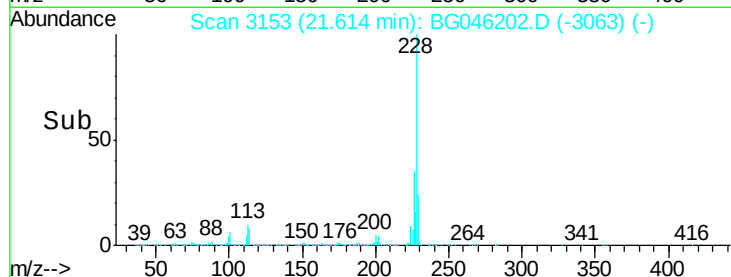
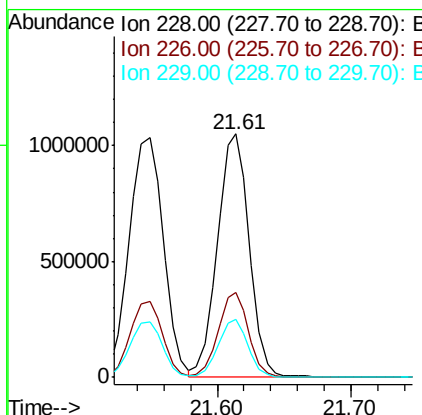
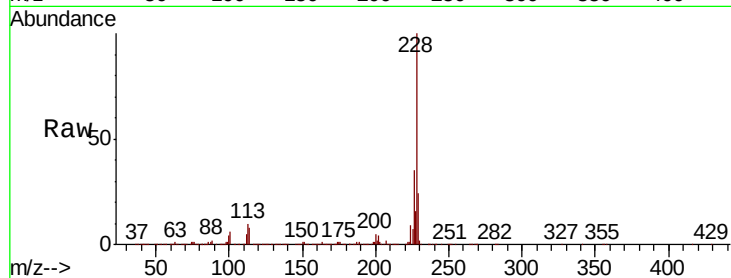
ClientSampled :

JB-1AMS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1751381 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 35.1  | 26.9  | 40.3    |
| 229      | 23.7  | 18.2  | 27.4    |

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.671 ng

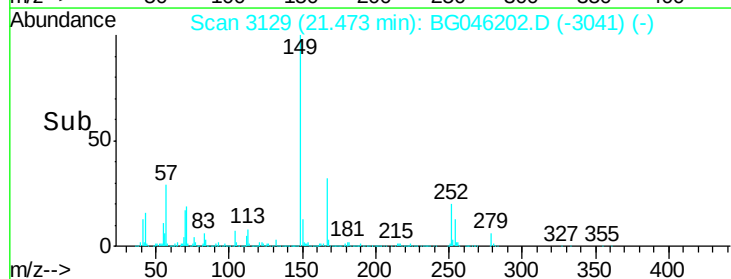
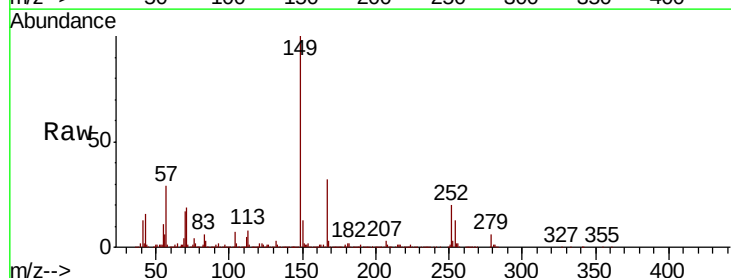
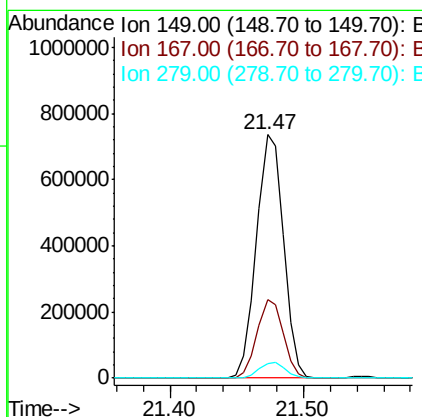
RT: 21.47 min Scan# 3129

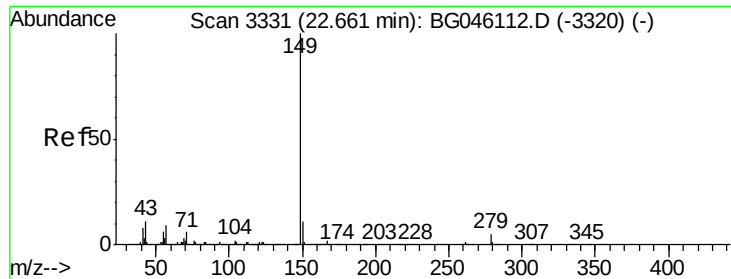
Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1026413 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 32.3  | 24.8  | 37.2    |
| 279      | 6.0   | 4.6   | 6.8     |





#85

Di-n-octyl phthalate

Concen: 43.583 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

Instrument :

BNA\_G

ClientSampled :

JB-1AMS

Tot Ion:149 Resp: 1775022

Ion Ratio Lower Upper

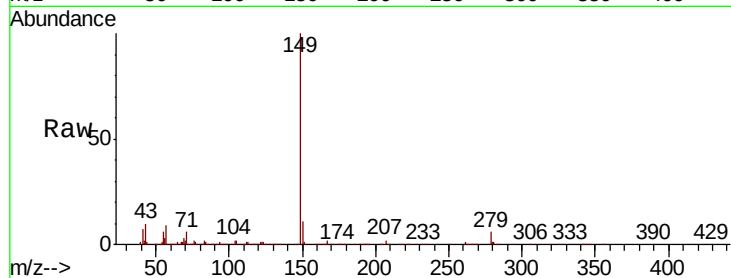
149 100

167 1.9 1.4 2.2

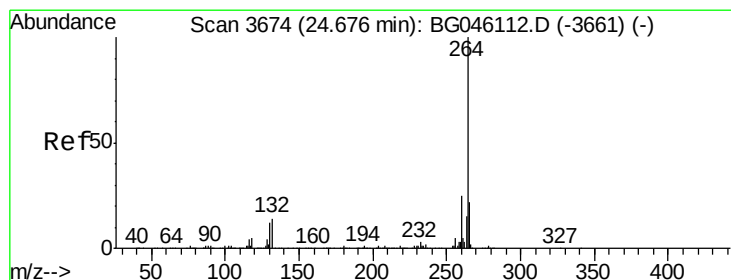
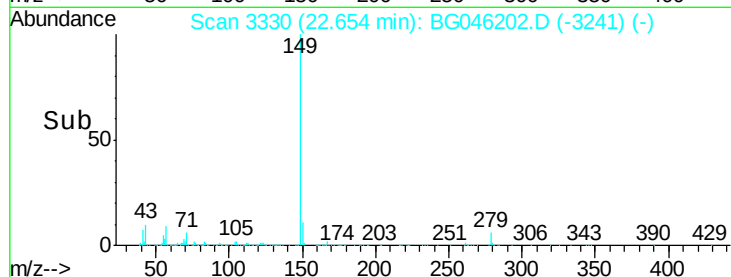
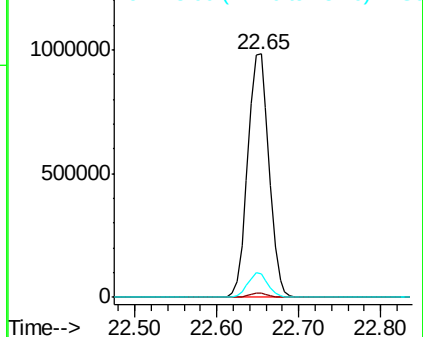
43 9.3 7.8 11.8

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046202.D

Acq: 7 Aug 2020 20:57

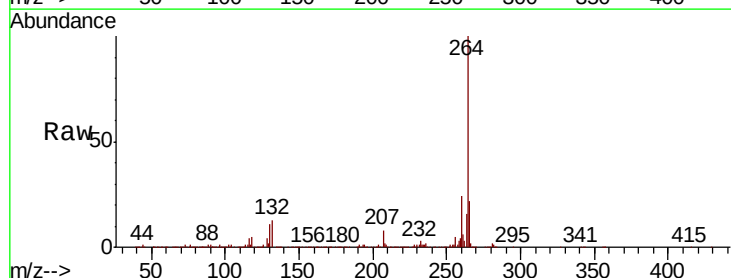
Tgt Ion:264 Resp: 747626

Ion Ratio Lower Upper

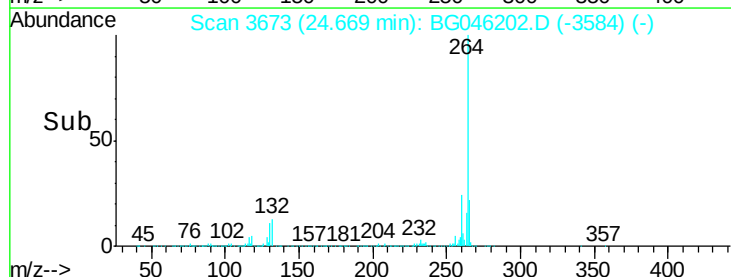
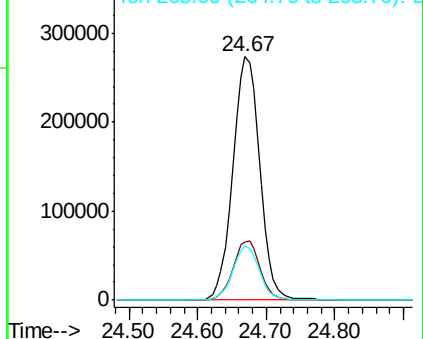
264 100

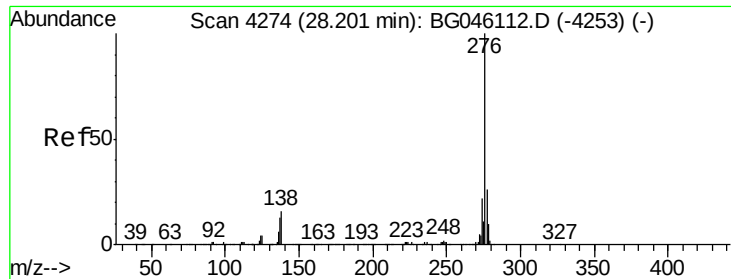
260 24.0 19.7 29.5

265 22.2 17.6 26.4



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





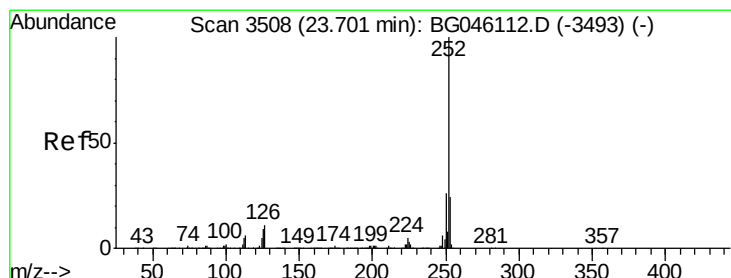
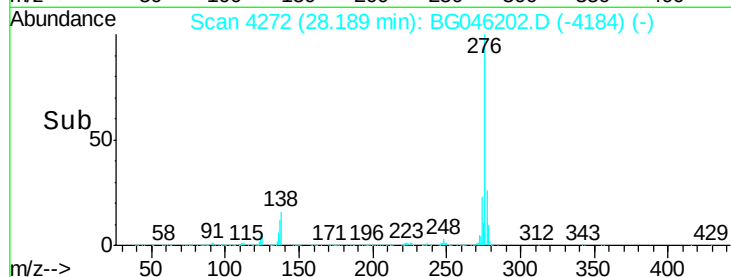
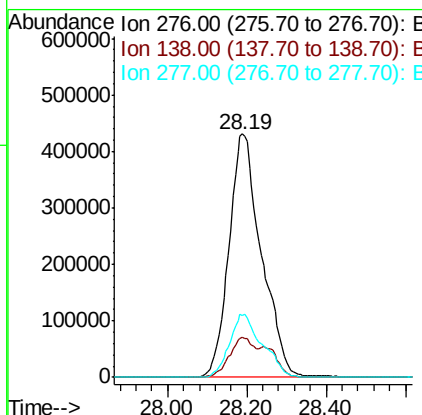
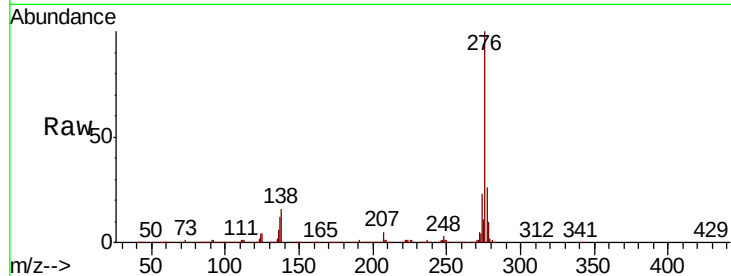
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.021 ng  
 RT: 28.19 min Scan# 4272  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 12.9  | 11.6  | 17.4  |
| 277     | 26.4  | 20.8  | 31.2  |

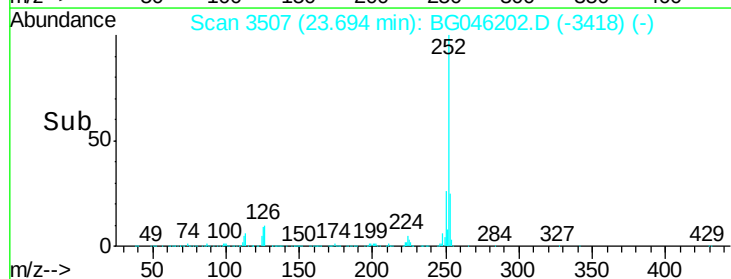
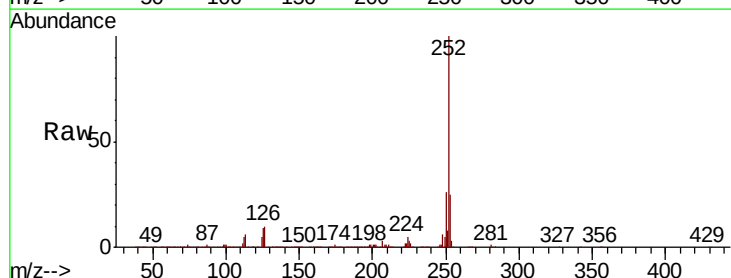
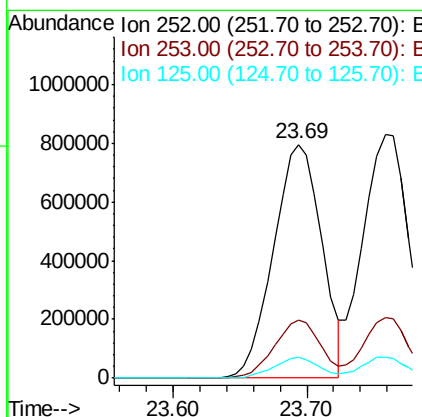
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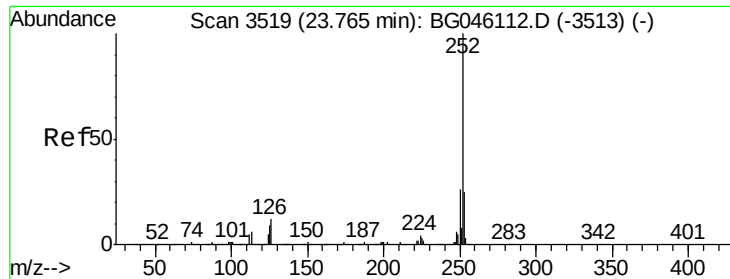


#88  
 Benzo(b)fluoranthene  
 Concen: 39.783 ng  
 RT: 23.69 min Scan# 3507  
 Delta R.T. -0.01 min  
 Lab File: BG046202.D  
 Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.0  | 19.2  | 28.8  |
| 125     | 8.8   | 7.2   | 10.8  |







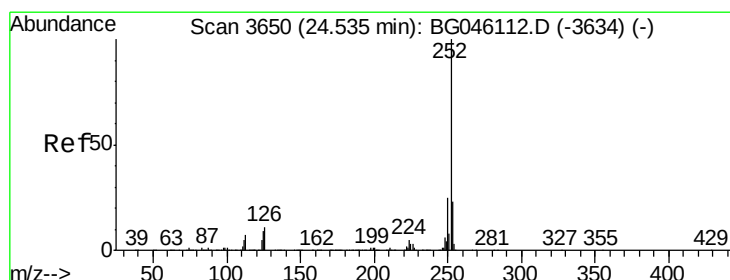
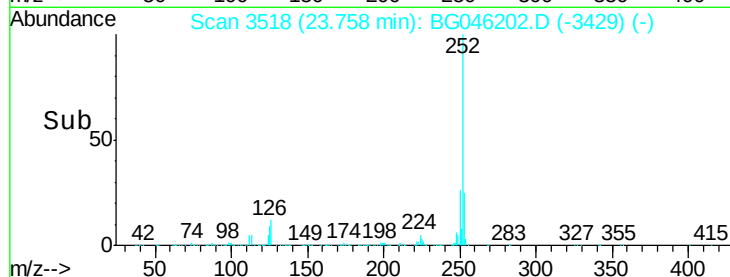
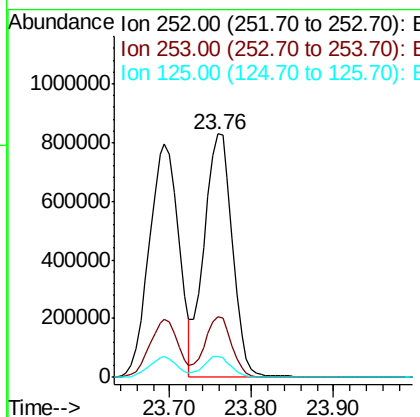
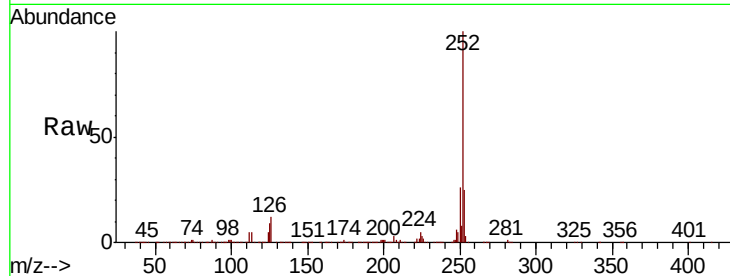
#89  
Benzo(k)fluoranthene  
Concen: 40.672 ng  
RT: 23.76 min Scan# 3518  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.7  | 19.5  | 29.3  |
| 125     | 8.6   | 7.3   | 10.9  |

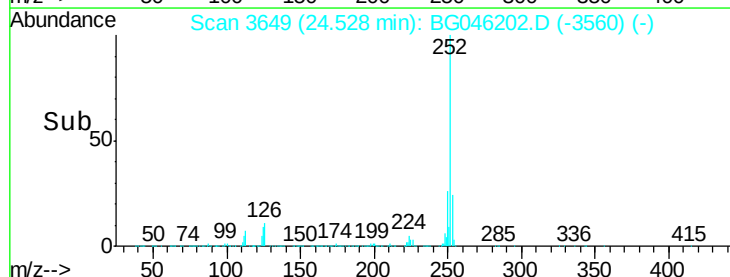
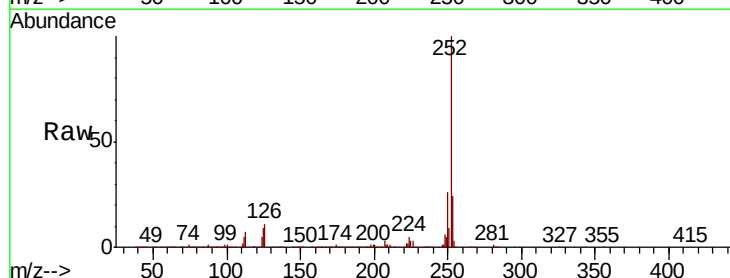
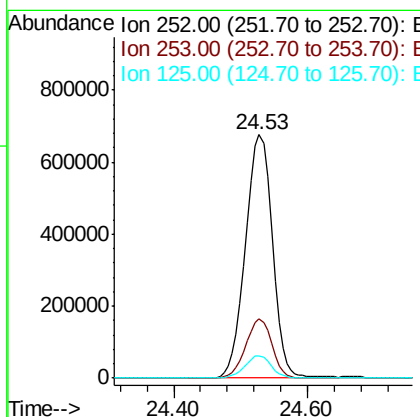
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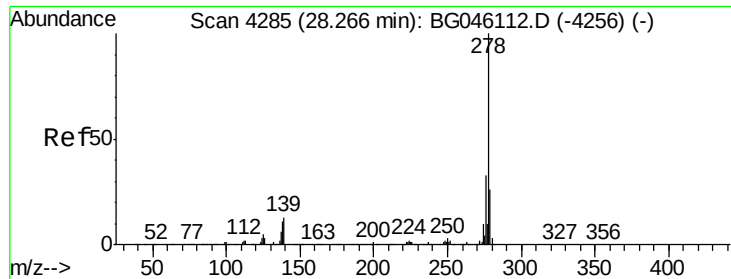
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#90  
Benzo(a)pyrene  
Concen: 40.265 ng  
RT: 24.53 min Scan# 3649  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.2  | 18.6  | 27.8  |
| 125     | 9.2   | 7.1   | 10.7  |





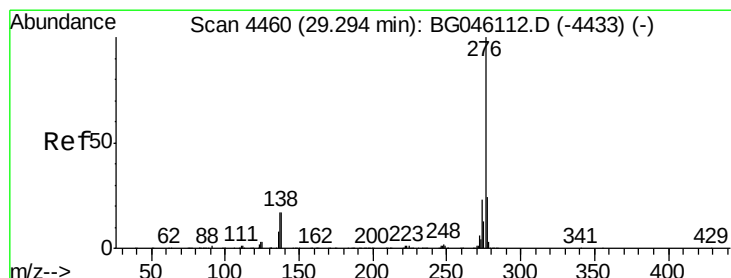
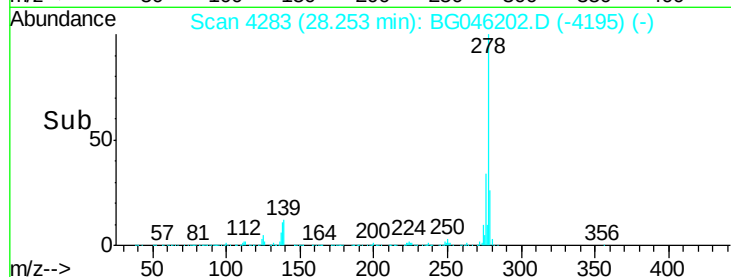
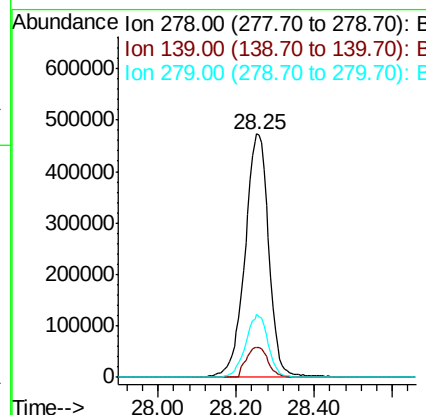
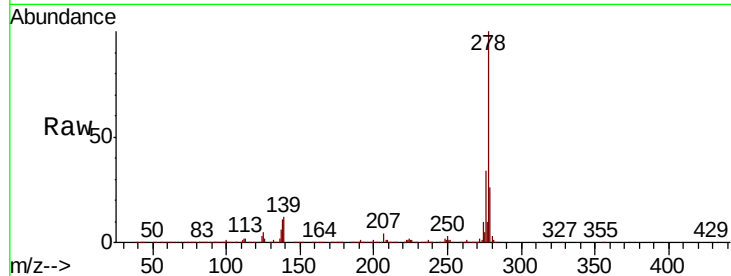
#91  
Dibenzo(a,h)anthracene  
Concen: 42.174 ng  
RT: 28.25 min Scan# 4283  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

Instrument :  
BNA\_G  
ClientSampleId :  
JB-1AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.4  | 10.8  | 16.2  |
| 279     | 25.8  | 20.5  | 30.7  |

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#92  
Benzo(g,h,i)perylene  
Concen: 42.547 ng  
RT: 29.29 min Scan# 4459  
Delta R.T. -0.01 min  
Lab File: BG046202.D  
Acq: 7 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.2  | 19.5  | 29.3  |
| 138     | 16.4  | 13.8  | 20.6  |

