

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\  
 Data File : BG046664.D  
 Acq On : 17 Sep 2020 17:09  
 Operator : CG/JU  
 Sample : PB131690BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131690BS

Manual Integrations  
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mohammad  
 9/21/2020 10:31:56 AM

Quant Time: Sep 17 17:47:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 17 14:27:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 54995    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.72 | 136  | 239861   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.55 | 164  | 178682   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.30 | 188  | 444160   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.55 | 240  | 441914   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.64 | 264  | 433105   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.51  | 112 | 334249  | 107.65 | ng | 0.00 |
| 7) Phenol-d6                | 7.10  | 99  | 452770  | 102.86 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.08  | 82  | 282470  | 67.31  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.05 | 330 | 230819  | 95.34  | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.17 | 172 | 791554  | 67.63  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.91 | 244 | 1346163 | 64.83  | ng | 0.00 |

|                                |       |     |        |           |        |
|--------------------------------|-------|-----|--------|-----------|--------|
| Target Compounds               |       |     |        |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.41  | 88  | 58263  | 45.103 ng | 96     |
| 3) Pyridine                    | 3.80  | 79  | 84138  | 22.261 ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.71  | 42  | 50866  | 36.490 ng | 98     |
| 6) Aniline                     | 7.24  | 93  | 188486 | 38.054 ng | 97     |
| 8) 2-Chlorophenol              | 7.49  | 128 | 141183 | 43.021 ng | 98     |
| 9) Benzaldehyde                | 7.06  | 77  | 87696  | 35.561 ng | 96     |
| 10) Phenol                     | 7.12  | 94  | 182406 | 44.993 ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.34  | 93  | 127509 | 39.128 ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.81  | 146 | 144014 | 34.565 ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.96  | 146 | 147680 | 35.405 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.27  | 146 | 146353 | 36.592 ng | 97     |
| 15) Benzyl Alcohol             | 8.16  | 79  | 125436 | 44.387 ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45  | 45  | 188701 | 37.332 ng | 99     |
| 17) 2-Methylphenol             | 8.37  | 107 | 130778 | 45.486 ng | 99     |
| 18) Hexachloroethane           | 9.00  | 117 | 47808  | 33.803 ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.72  | 70  | 108477 | 41.201 ng | 99     |
| 20) 3+4-Methylphenols          | 8.70  | 107 | 179525 | 45.238 ng | 99     |
| 22) Acetophenone               | 8.74  | 105 | 207718 | 35.576 ng | # 98   |
| 24) Nitrobenzene               | 9.12  | 77  | 151872 | 36.630 ng | 98     |
| 25) Isophorone                 | 9.64  | 82  | 308935 | 40.152 ng | 99     |
| 26) 2-Nitrophenol              | 9.83  | 139 | 85692  | 39.174 ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.89  | 122 | 144129 | 47.905 ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.12 | 93  | 184638 | 37.284 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.38 | 162 | 163914 | 40.868 ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.58 | 180 | 162769 | 34.204 ng | 100    |
| 31) Naphthalene                | 10.77 | 128 | 434187 | 37.073 ng | 99     |
| 32) Benzoic acid               | 10.06 | 122 | 48658  | 26.834 ng | 96     |
| 33) 4-Chloroaniline            | 10.88 | 127 | 154615 | 29.939 ng | 99     |
| 34) Hexachlorobutadiene        | 11.06 | 225 | 99877  | 32.331 ng | 100    |
| 35) Caprolactam                | 11.64 | 113 | 61790m | 41.214 ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.01 | 107 | 170409 | 43.441 ng | 99     |
| 37) 2-Methylnaphthalene        | 12.38 | 142 | 363606 | 39.366 ng | 100    |
| 38) 1-Methylnaphthalene        | 12.60 | 142 | 344142 | 39.334 ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.75 | 216 | 212701 | 36.098 ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 17 14:27:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.73 | 237  | 208575   | 81.408 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.99 | 196  | 148513   | 37.350 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.07 | 196  | 164176   | 39.298 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.38 | 154  | 483782   | 38.915 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.43 | 162  | 375767   | 35.650 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.63 | 65   | 111891   | 38.229 | nq    | 99       |
| 49) Acenaphthylene             | 14.28 | 152  | 624126   | 39.035 | nq    | 99       |
| 50) Dimethylphthalate          | 14.01 | 163  | 529639   | 38.314 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.12 | 165  | 120779   | 39.636 | nq    | 98       |
| 52) Acenaphthene               | 14.62 | 154  | 371142   | 37.459 | nq    | 100      |
| 53) 3-Nitroaniline             | 14.45 | 138  | 97980    | 29.684 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.67 | 184  | 144646   | 81.322 | nq    | 96       |
| 55) Dibenzofuran               | 14.95 | 168  | 618270   | 38.883 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.78 | 139  | 191717   | 78.921 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.92 | 165  | 173402   | 39.908 | nq    | 98       |
| 58) Fluorene                   | 15.61 | 166  | 513438   | 38.473 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 159877   | 39.409 | nq    | 98       |
| 60) Diethylphthalate           | 15.38 | 149  | 524153   | 38.889 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.59 | 204  | 278499   | 37.892 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.62 | 138  | 124580   | 35.770 | nq    | 99       |
| 63) Azobenzene                 | 15.89 | 77   | 435329   | 39.707 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198  | 109877   | 43.707 | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.81 | 169  | 474264   | 39.580 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.49 | 248  | 195363   | 37.701 | nq    | 98       |
| 68) Hexachlorobenzene          | 16.62 | 284  | 208557   | 36.341 | nq    | 98       |
| 69) Atrazine                   | 16.76 | 200  | 175302   | 35.862 | nq    | 99       |
| 70) Pentachlorophenol          | 16.96 | 266  | 231152   | 77.091 | nq    | 97       |
| 71) Phenanthrene               | 17.34 | 178  | 859610   | 38.183 | nq    | 98       |
| 72) Anthracene                 | 17.43 | 178  | 876878   | 39.477 | nq    | 99       |
| 73) Carbazole                  | 17.70 | 167  | 806639   | 38.463 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.26 | 149  | 902544   | 37.426 | nq    | 99       |
| 75) Fluoranthene               | 19.35 | 202  | 1081479  | 37.328 | nq    | 100      |
| 77) Benzidine                  | 19.53 | 184  | 537692   | 52.362 | nq    | 100      |
| 78) Pyrene                     | 19.71 | 202  | 1076988  | 38.272 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.60 | 149  | 411215   | 37.463 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.53 | 228  | 1052628  | 38.216 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.45 | 252  | 332821   | 32.560 | nq    | 98       |
| 83) Chrysene                   | 21.59 | 228  | 1006438  | 37.985 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.45 | 149  | 571731   | 38.168 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.61 | 149  | 998533   | 38.931 | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.16 | 276  | 1228094  | 39.480 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.67 | 252  | 1060839  | 39.227 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.73 | 252  | 1042069  | 39.870 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.50 | 252  | 982357   | 38.924 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.21 | 278  | 1015499  | 40.455 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.25 | 276  | 1037882  | 41.405 | nq    | 99       |

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

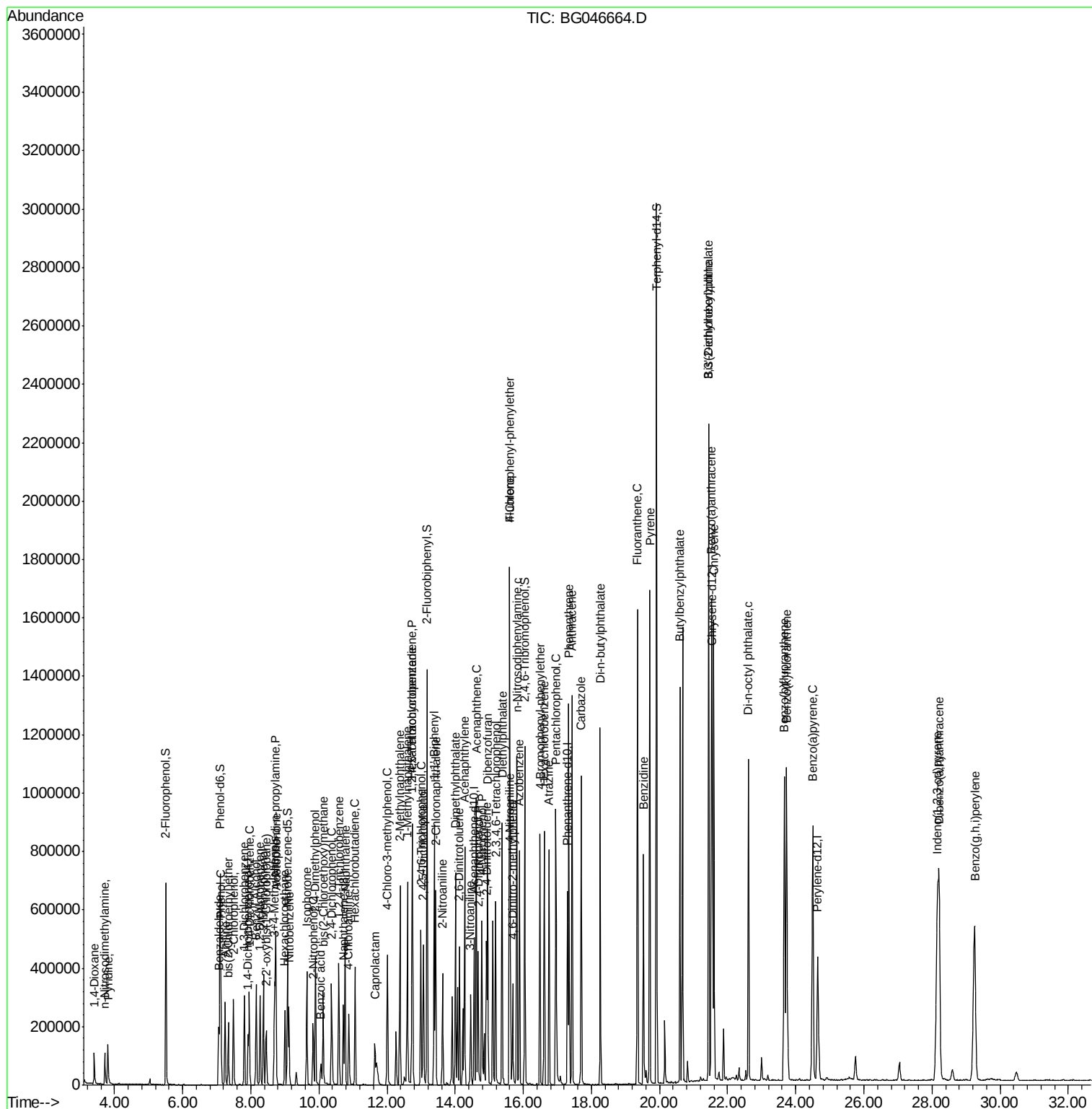
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\  
 Data File : BG046664.D  
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 Sample : PB131690BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

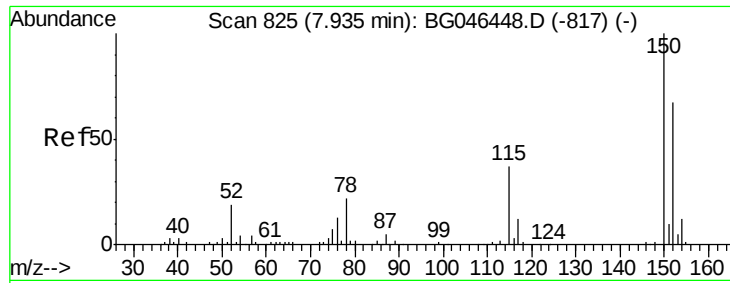
Instrument :  
 BNA\_G  
 ClientSampleId :  
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#1

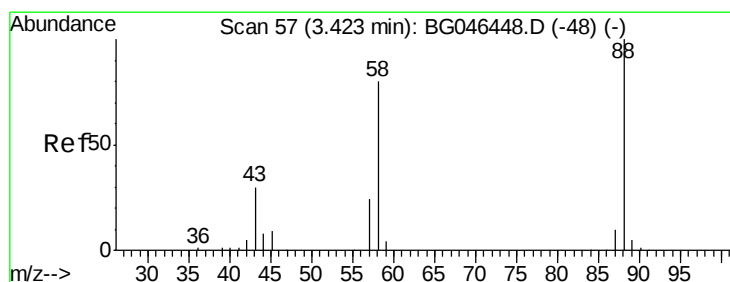
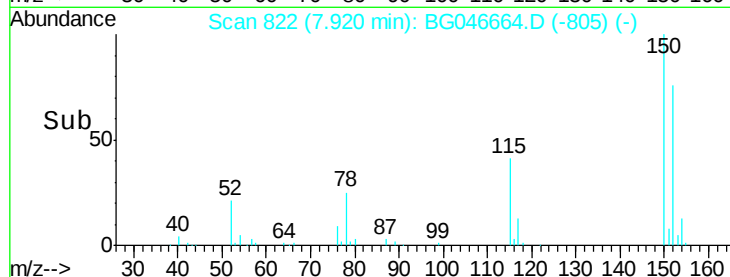
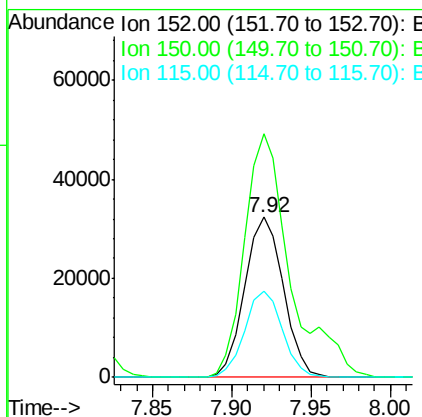
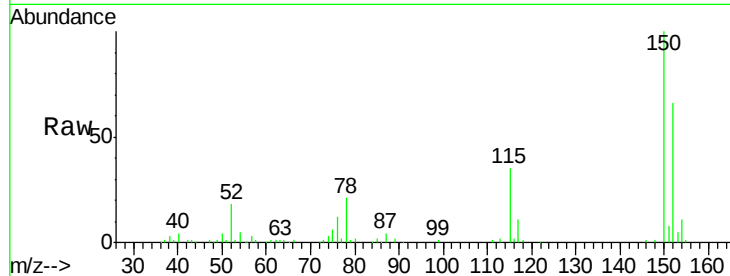
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.92 min Scan# 822  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.2 | 125.0 | 187.6 |
| 115     | 53.9  | 41.8  | 62.6  |

Manual Integrations  
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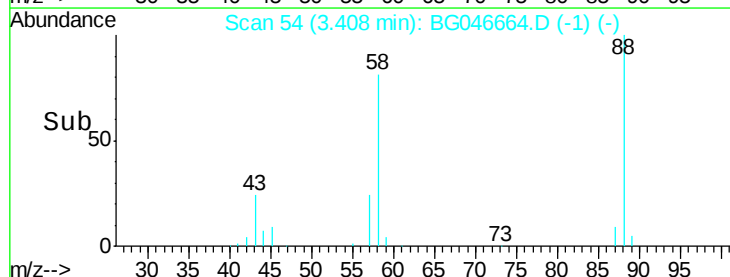
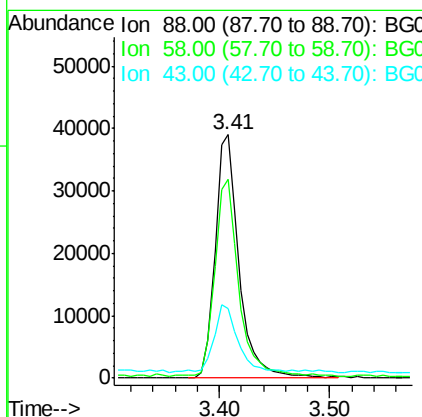
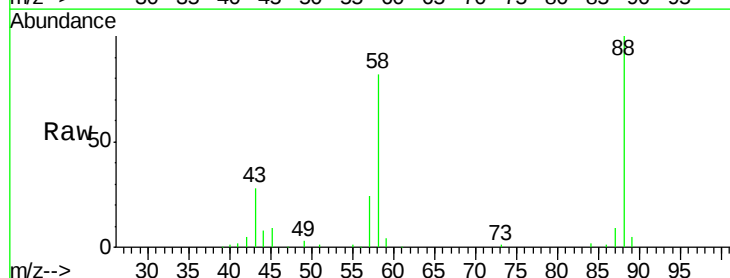
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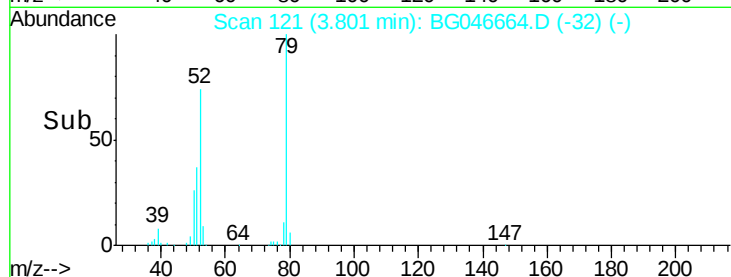
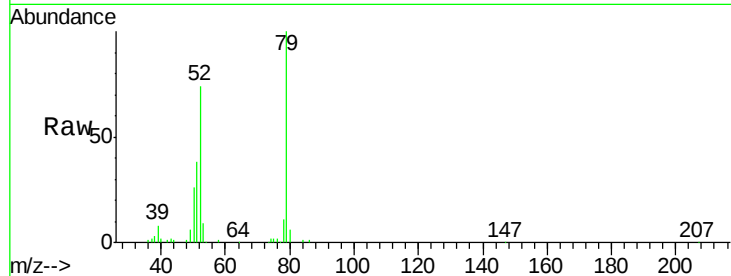
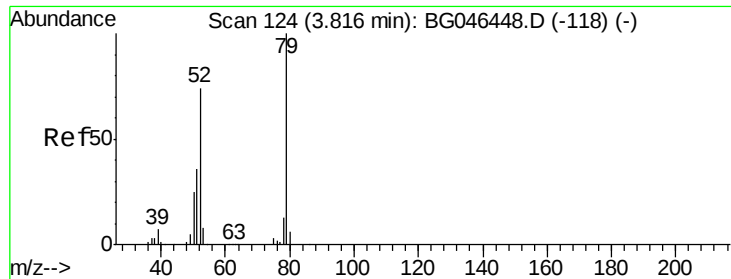


#2

1,4-Dioxane  
Concen: 45.103 ng  
RT: 3.41 min Scan# 54  
Delta R.T. -0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.2  | 61.6  | 92.4  |
| 43      | 25.8  | 21.3  | 31.9  |





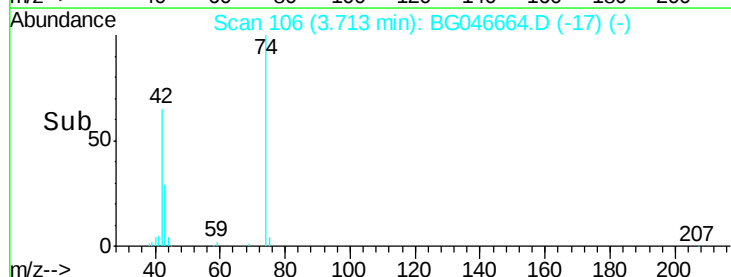
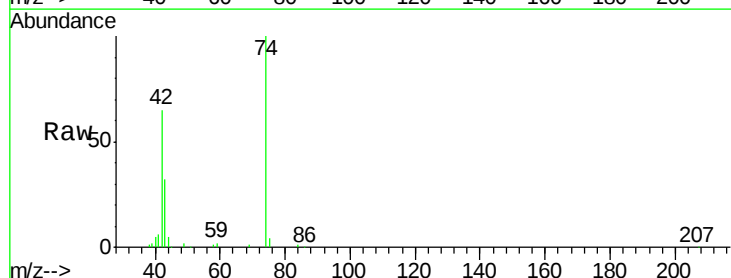
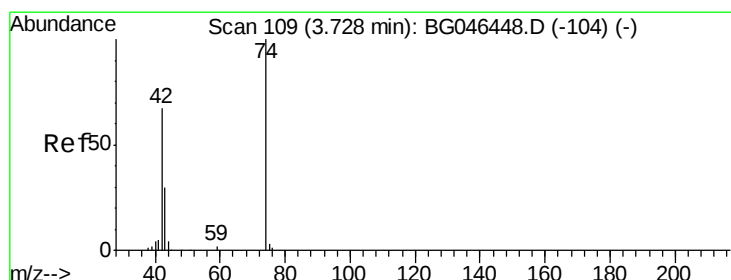
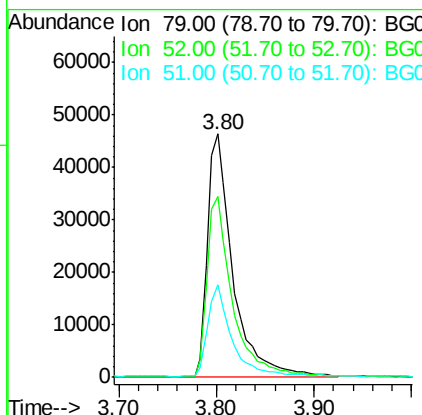
#3  
 Pvridine  
 Concen: 22.261 ng  
 RT: 3.80 min Scan# 121  
 Delta R.T. -0.01 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 79      | 79  | 100   |      |       |       |
| 52      | 52  | 74.4  | 61.3 | 91.9  |       |
| 51      | 51  | 38.1  | 28.4 | 42.6  |       |

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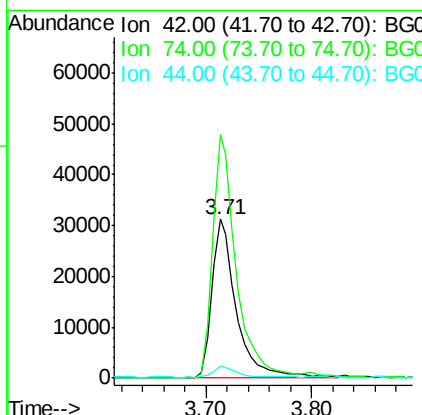
Manual Integrations  
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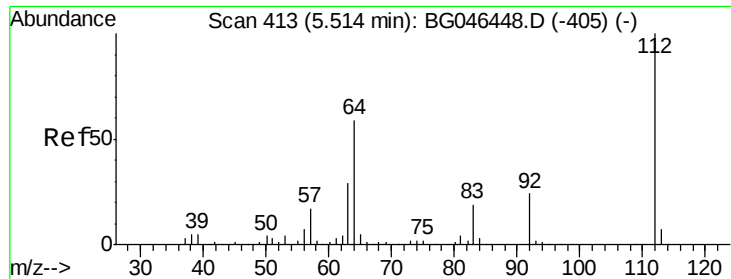
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#4  
 n-Nitrosodimethylamine  
 Concen: 36.490 ng  
 RT: 3.71 min Scan# 106  
 Delta R.T. -0.01 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 42      | 42  | 100   |       |       |       |
| 74      | 74  | 153.3 | 120.4 | 180.6 |       |
| 44      | 44  | 7.6   | 6.2   | 9.2   |       |





#5

2-Fluorophenol

Concen: 107.649 ng

RT: 5.51 min Scan# 411

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

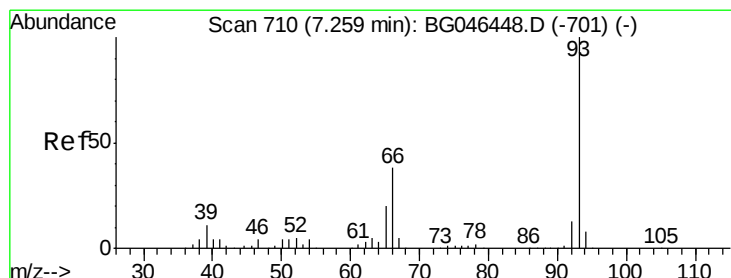
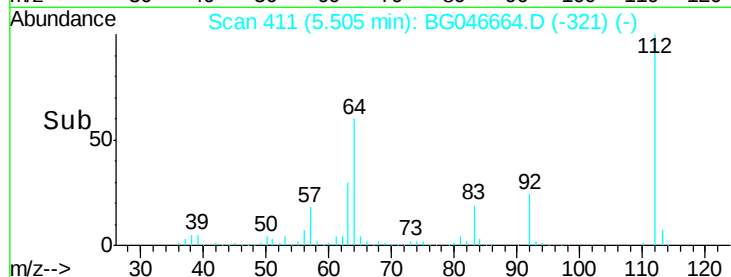
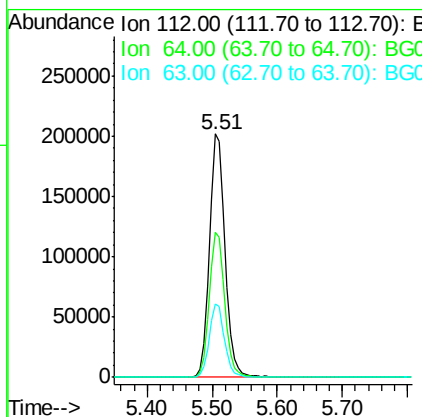
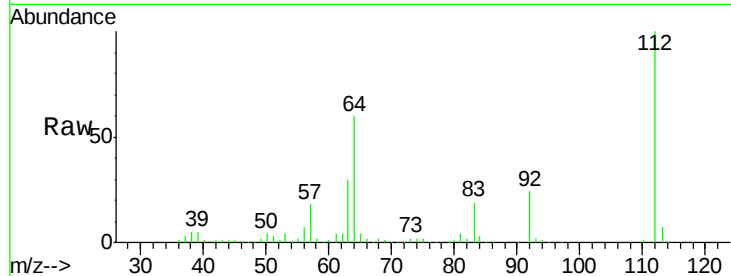
ClientSampleId :

PB131690BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 334249 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.8  | 46.7  | 70.1   |
| 63        | 30.2  | 22.8  | 34.2   |

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#6

Aniline

Concen: 38.054 ng

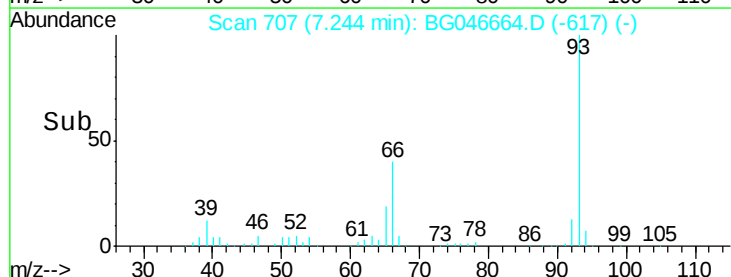
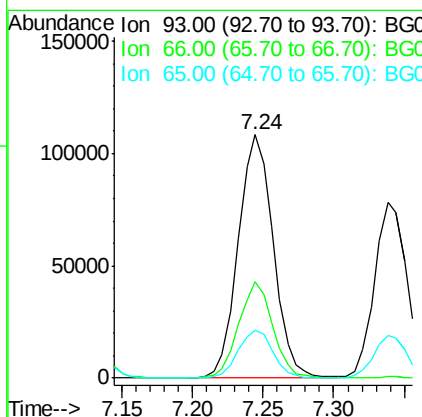
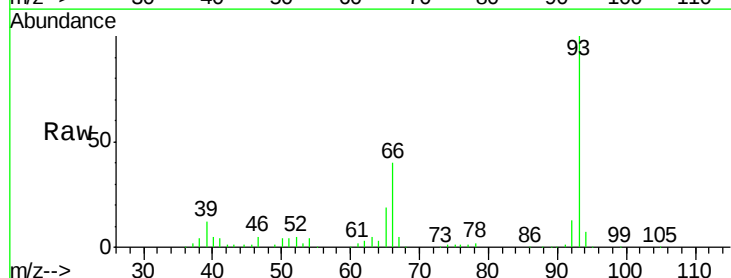
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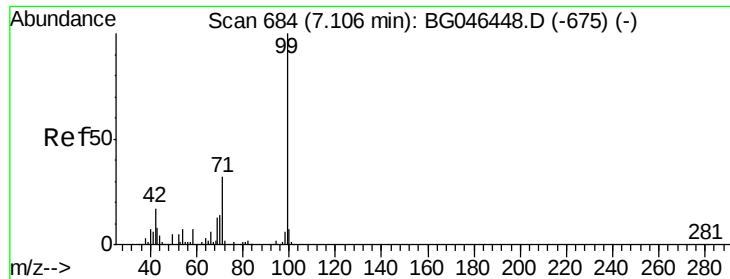
Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 188486 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.8  | 29.5  | 44.3   |
| 65        | 19.5  | 15.5  | 23.3   |





#7

Phenol-d6

Concen: 102.864 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

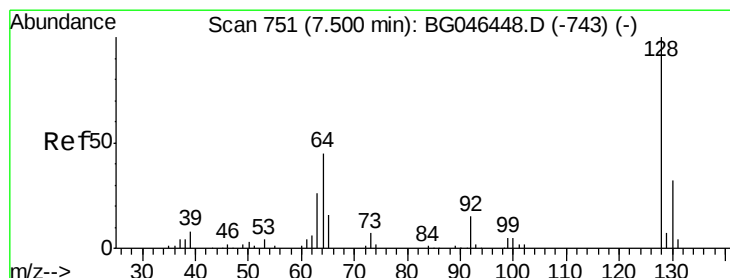
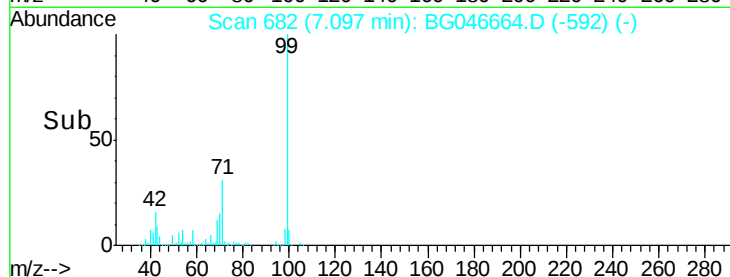
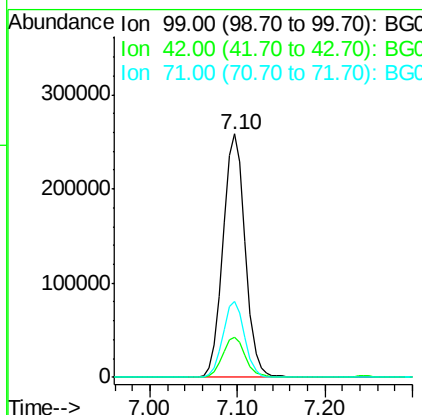
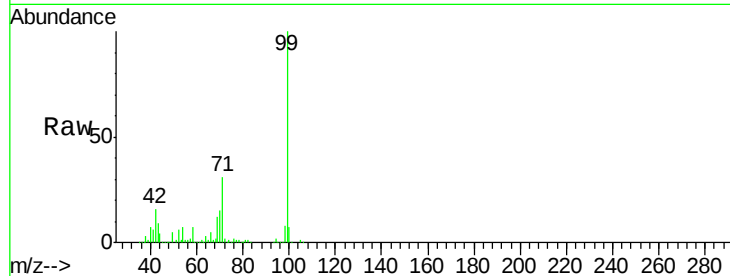
ClientSampleId :

PB131690BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 452770 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 16.5  | 12.8  | 19.2   |
| 71       | 31.0  | 24.6  | 36.8   |

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#8

2-Chlorophenol

Concen: 43.021 ng

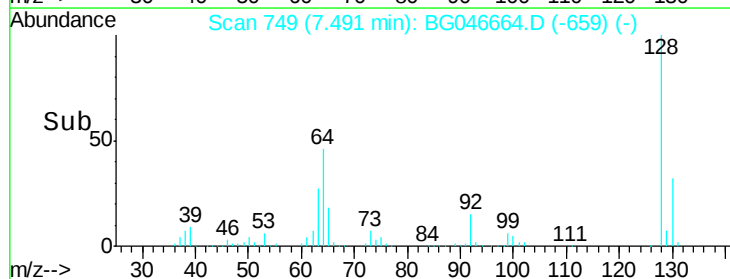
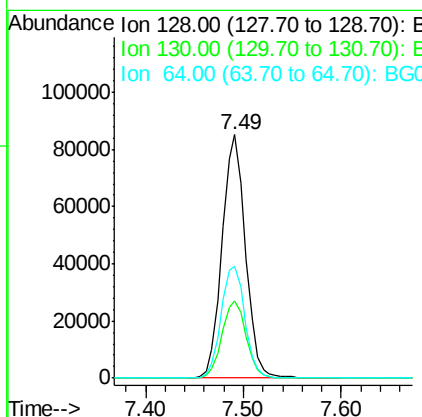
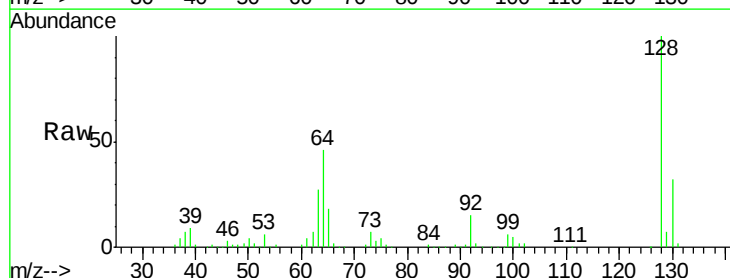
RT: 7.49 min Scan# 749

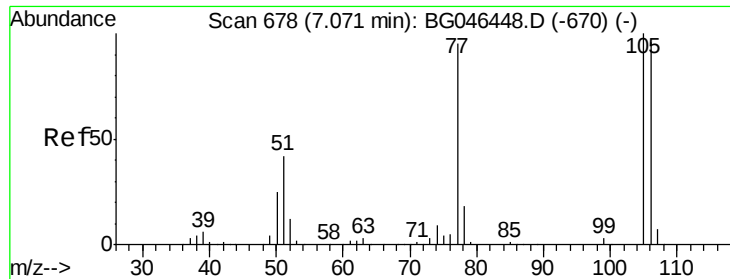
Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 141183 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.8  | 12.6  | 52.6   |
| 64       | 46.0  | 24.8  | 64.8   |





#9

Benzaldehyde

Concen: 35.561 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

ClientSampleId :

PB131690BS

Tot Ion: 77 Resp: 87696

Ion Ratio Lower Upper

77 100

105 102.1 85.9 125.9

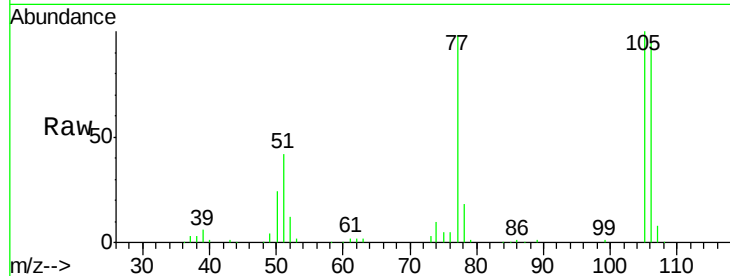
106 97.2 80.9 120.9

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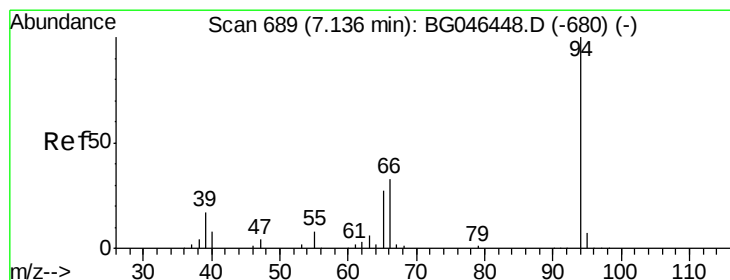
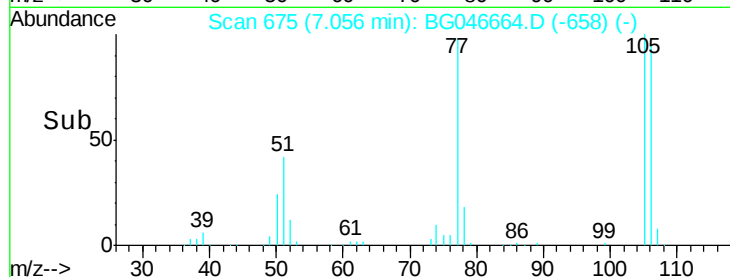
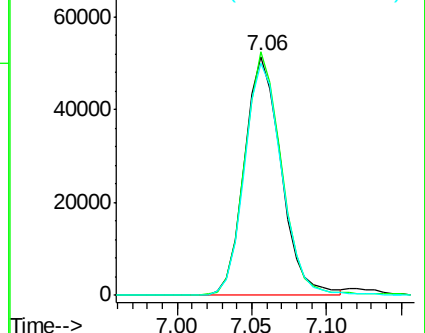
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.993 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

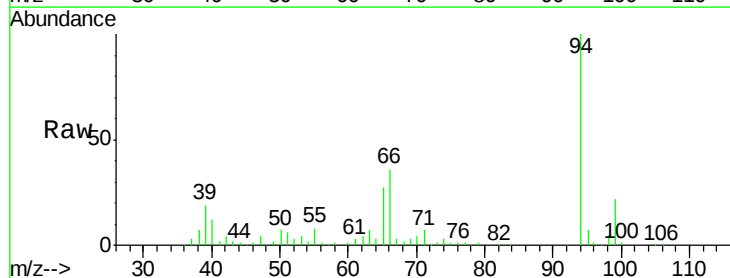
Tgt Ion: 94 Resp: 182406

Ion Ratio Lower Upper

94 100

65 27.0 6.6 46.6

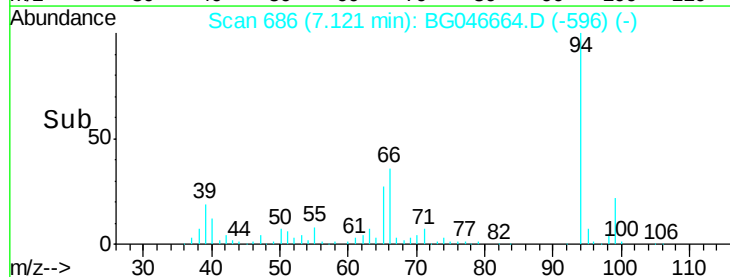
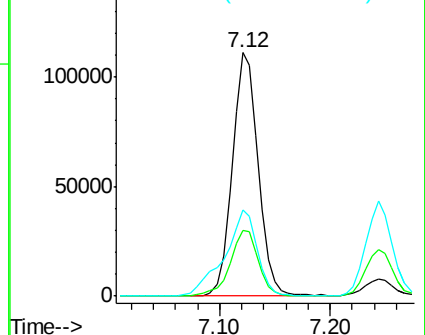
66 35.6 13.9 53.9

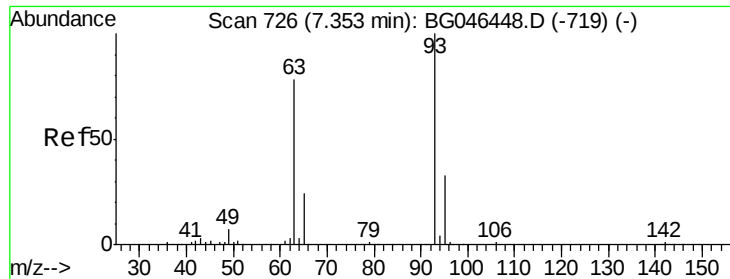


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





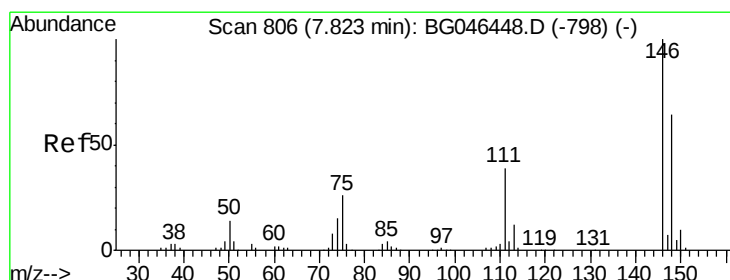
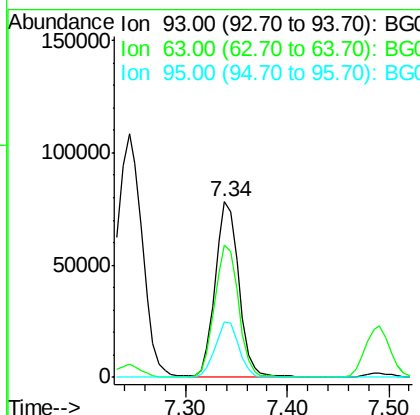
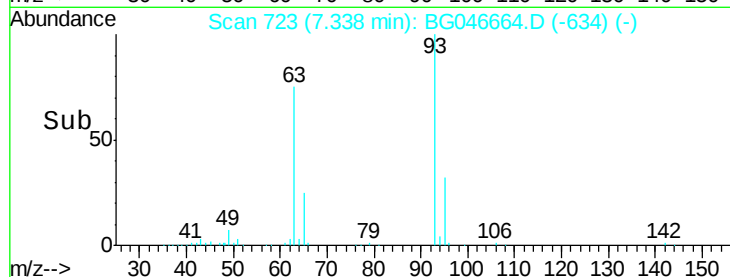
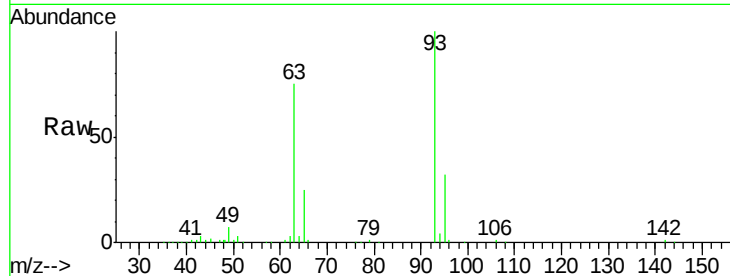
#11  
bis(2-Chloroethyl)ether  
Concen: 39.128 ng  
RT: 7.34 min Scan# 723  
Delta R.T. -0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.5  | 56.4  | 96.4  |
| 95      | 31.8  | 13.8  | 53.8  |

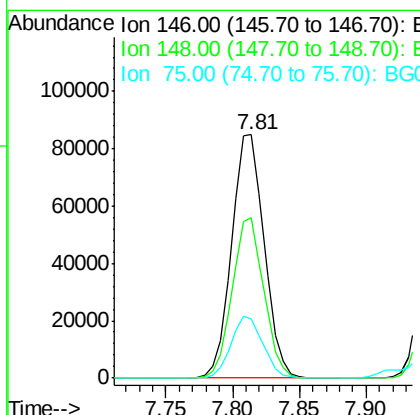
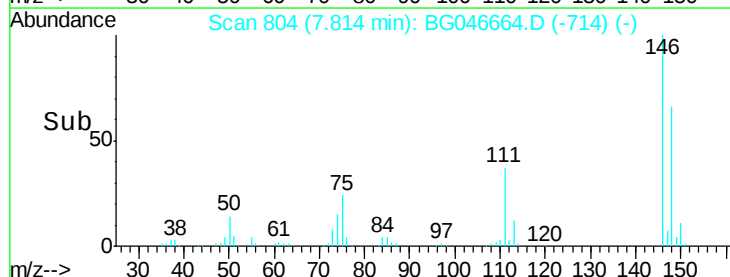
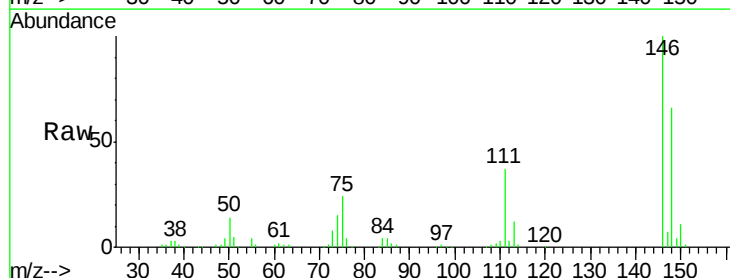
Manual Integrations  
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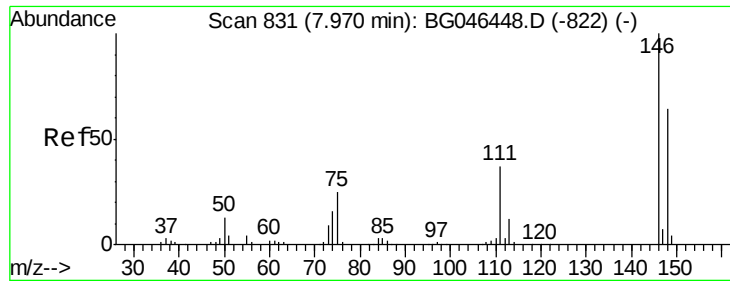
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 34.565 ng  
RT: 7.81 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.8  | 50.1  | 75.1  |
| 75      | 24.5  | 20.1  | 30.1  |





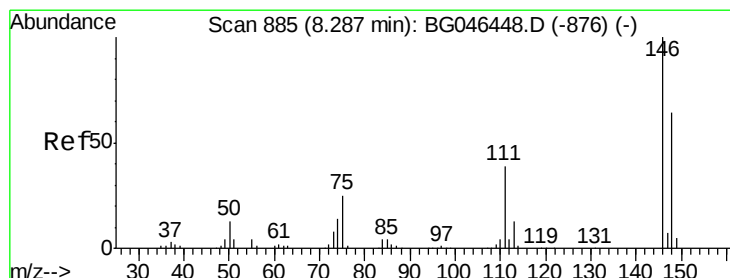
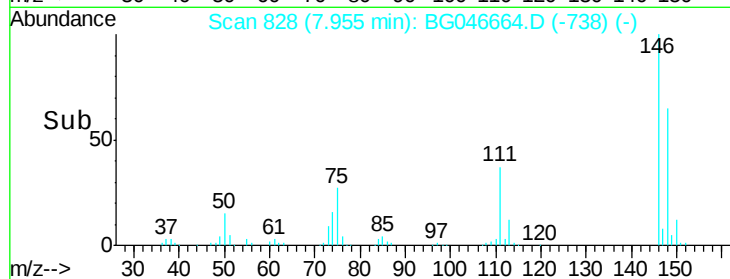
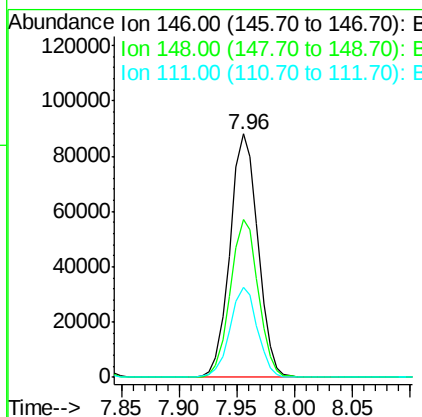
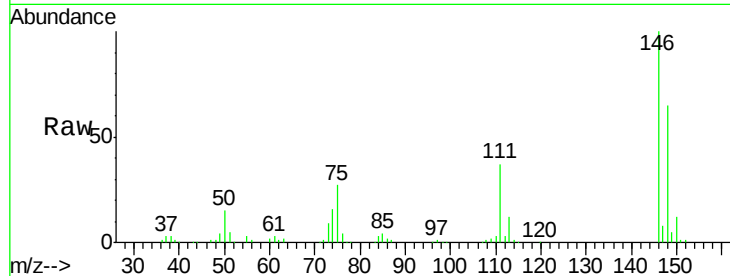
#13  
 1,4-Dichlorobenzene  
 Concen: 35.405 ng  
 RT: 7.96 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.1  | 76.7  |
| 111     | 36.8  | 29.7  | 44.5  |

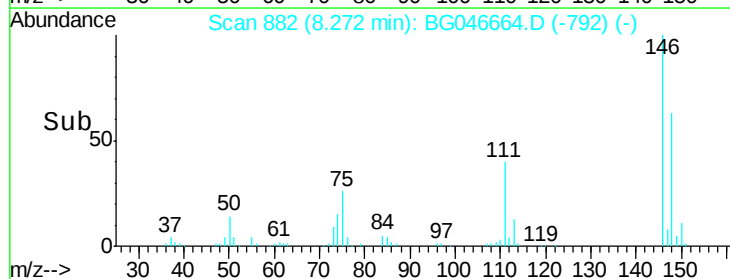
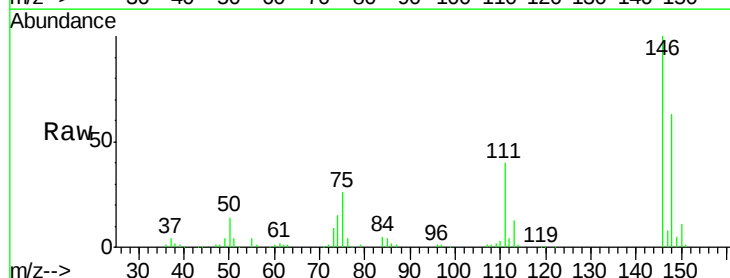
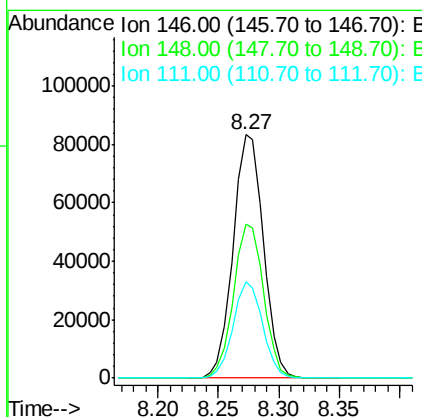
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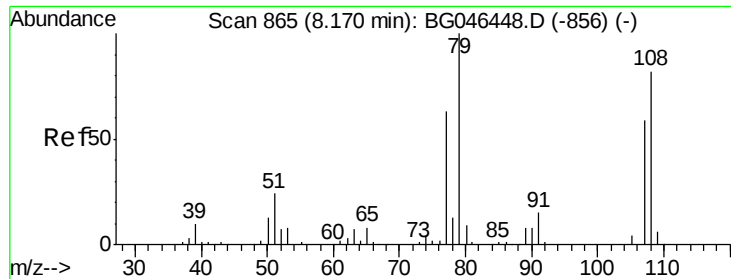
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.592 ng  
 RT: 8.27 min Scan# 882  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 53.0  | 79.6  |
| 111     | 39.6  | 30.7  | 46.1  |





#15

Benzyl Alcohol

Concen: 44.387 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

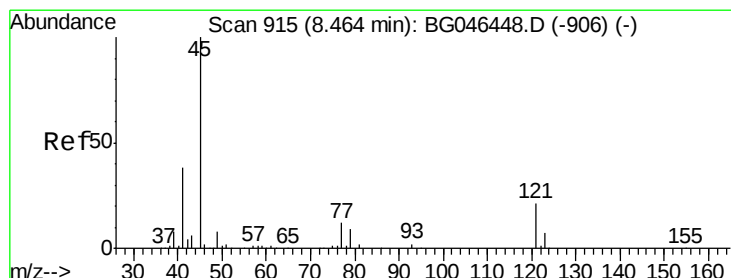
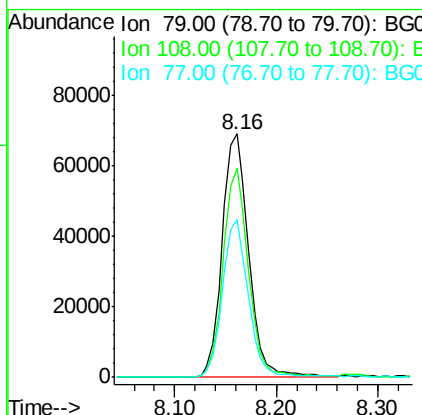
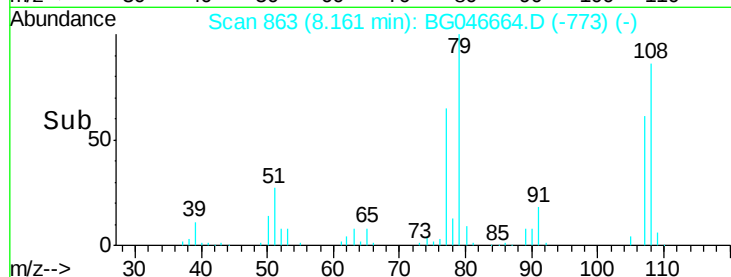
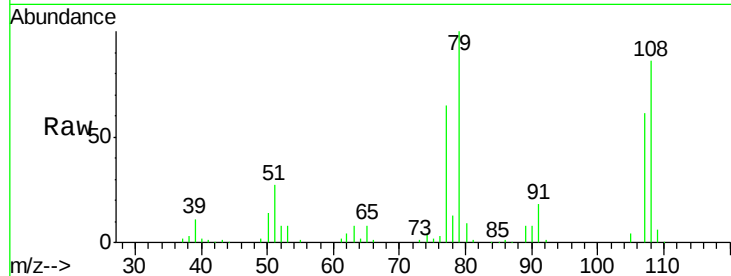
ClientSampleId :

PB131690BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 125436 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 86.1  | 65.5  | 98.3   |
| 77        | 64.7  | 50.1  | 75.1   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.332 ng

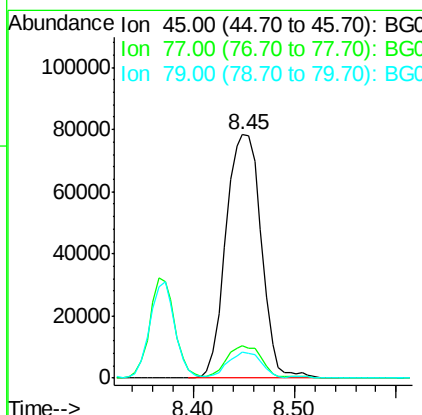
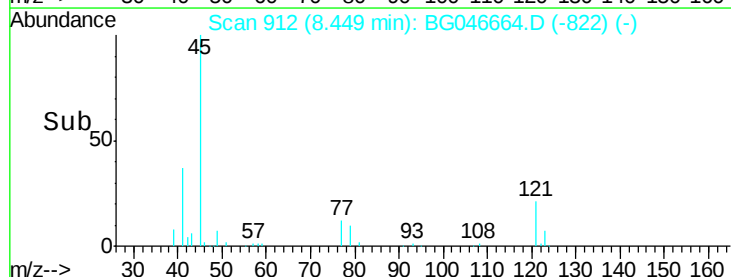
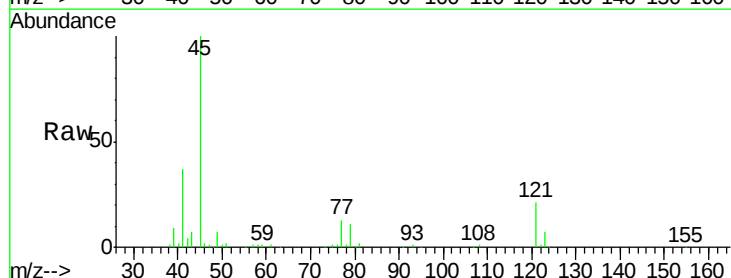
RT: 8.45 min Scan# 912

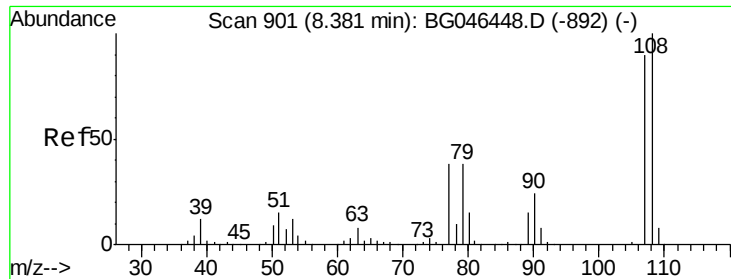
Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 188701 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.2  | 0.0   | 33.4   |
| 79        | 10.6  | 0.0   | 30.8   |





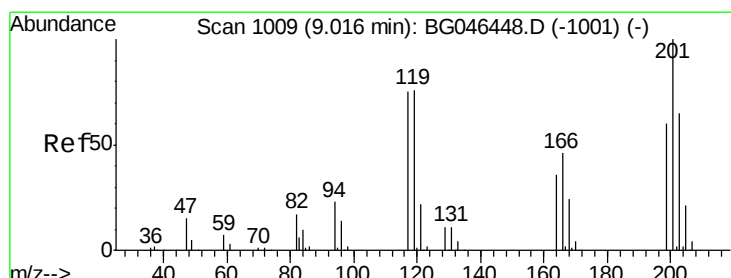
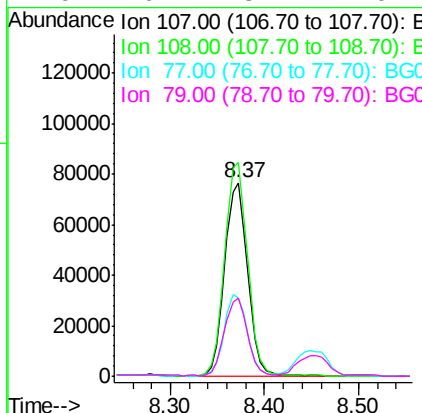
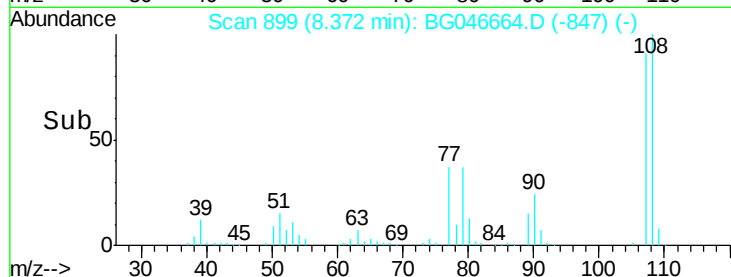
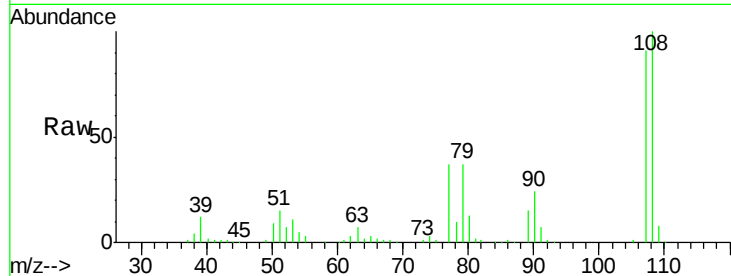
#17  
2-Methylphenol  
Concen: 45.486 ng  
RT: 8.37 min Scan# 899  
Delta R.T. 0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.4 | 87.2 | 130.8 |       |
| 77      | 40.5  | 33.8 | 50.8  |       |
| 79      | 40.7  | 32.7 | 49.1  |       |

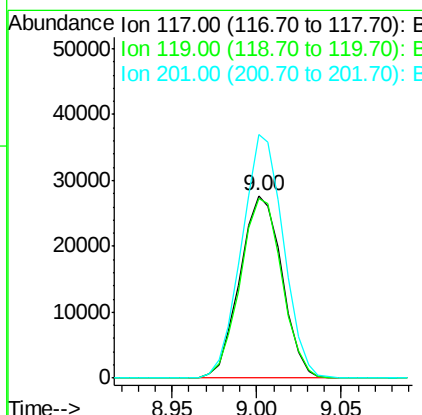
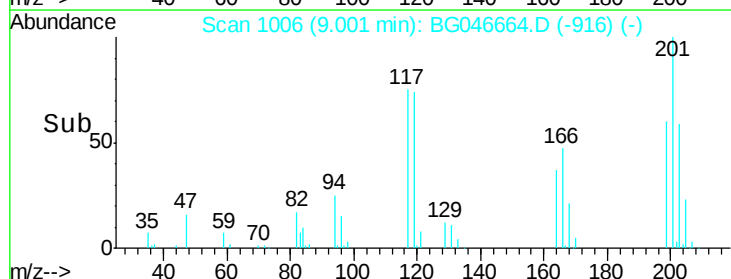
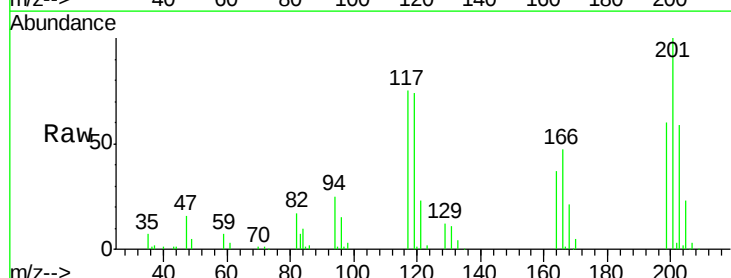
Manual Integrations  
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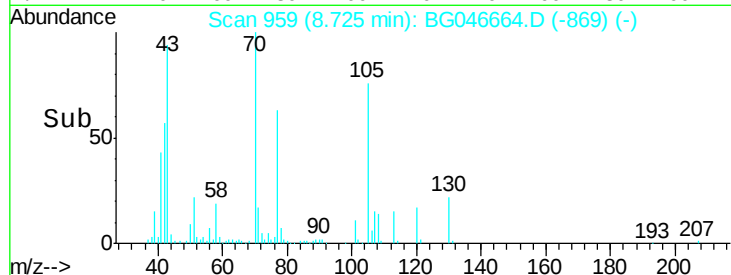
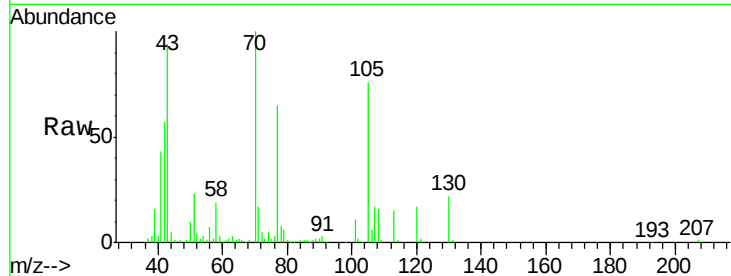
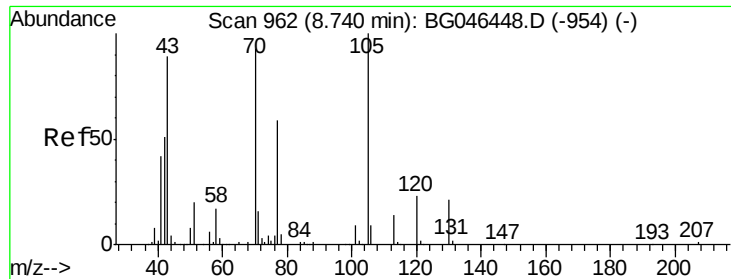
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#18  
Hexachloroethane  
Concen: 33.803 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 98.7  | 77.5  | 116.3 |       |
| 201     | 133.4 | 104.9 | 157.3 |       |





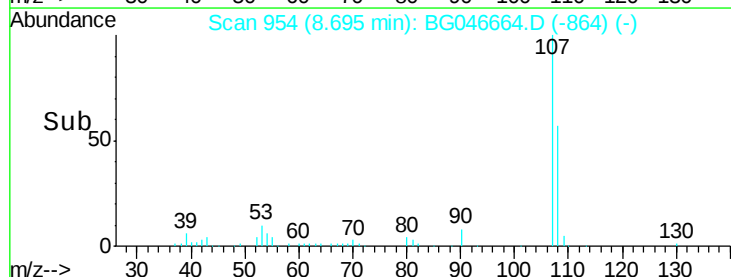
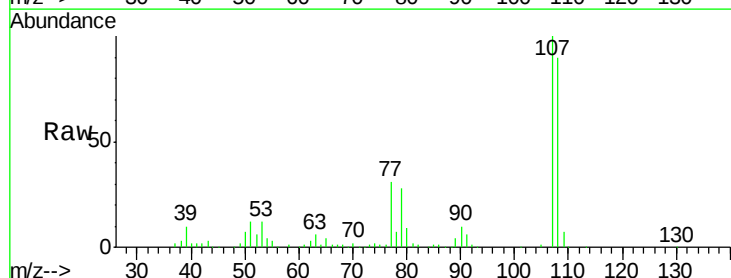
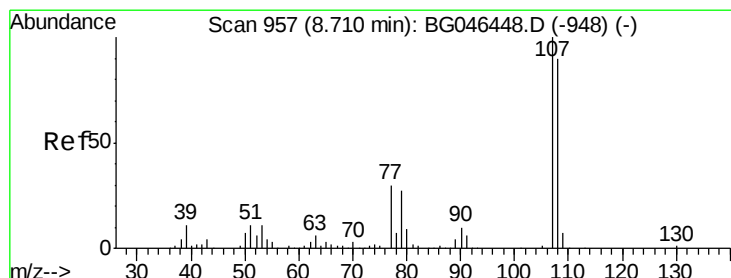
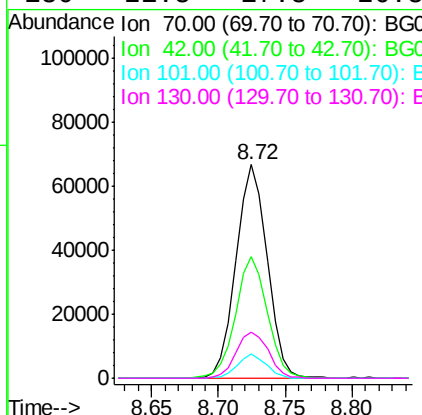
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.201 ng  
RT: 8.72 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 57.0 | 45.6  | 68.4  |       |
| 101     | 11.3 | 8.4   | 12.6  |       |
| 130     | 21.8 | 17.8  | 26.8  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

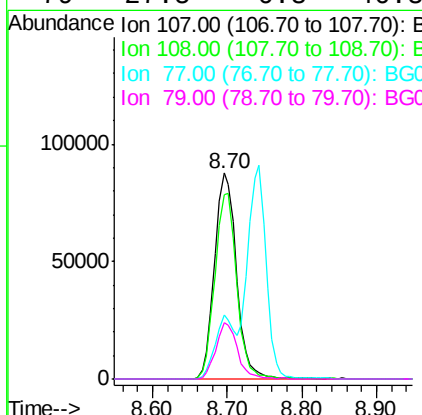
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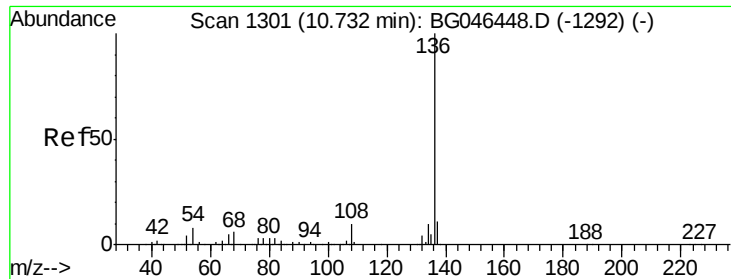
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#20  
3+4-Methylphenols  
Concen: 45.238 ng  
RT: 8.70 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 89.6 | 70.6  | 110.6 |       |
| 77      | 31.3 | 10.2  | 50.2  |       |
| 79      | 27.5 | 6.8   | 46.8  |       |





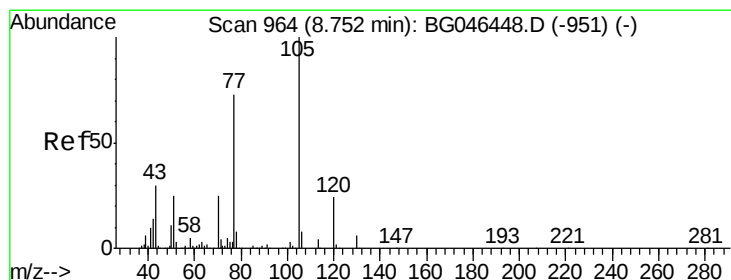
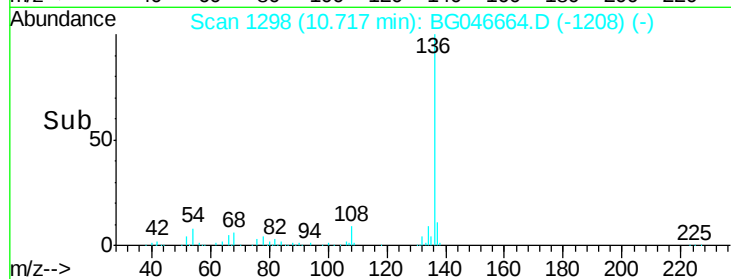
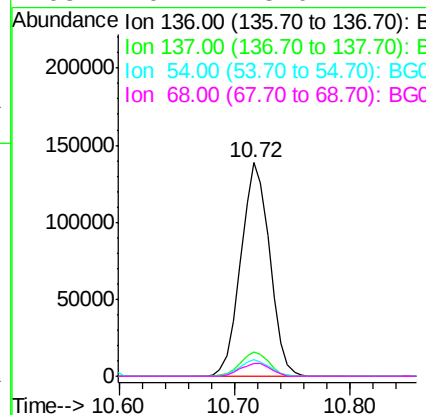
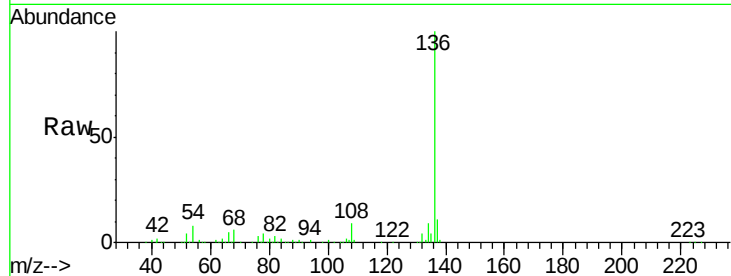
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.72 min Scan# 1298  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 239861 |       |       |
| 137     | 11.2  | 9.1    | 13.7  |       |
| 54      | 7.7   | 6.2    | 9.4   |       |
| 68      | 6.1   | 5.0    | 7.4   |       |

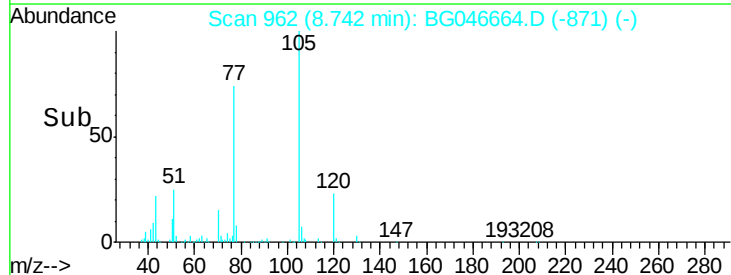
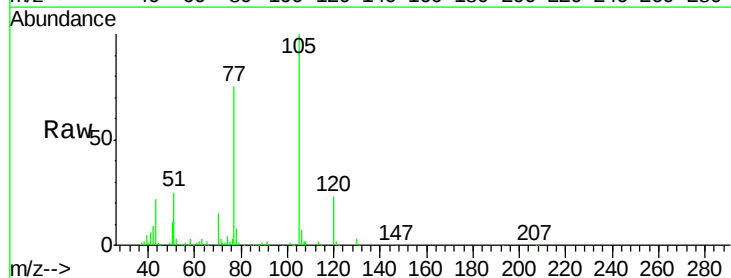
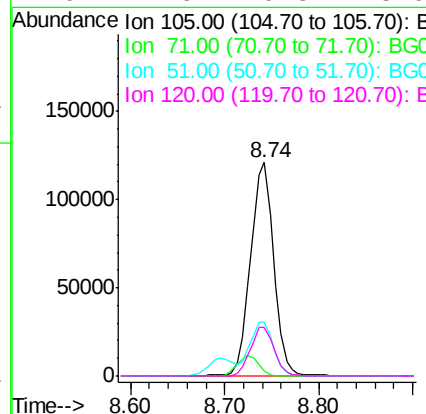
Manual Integrations  
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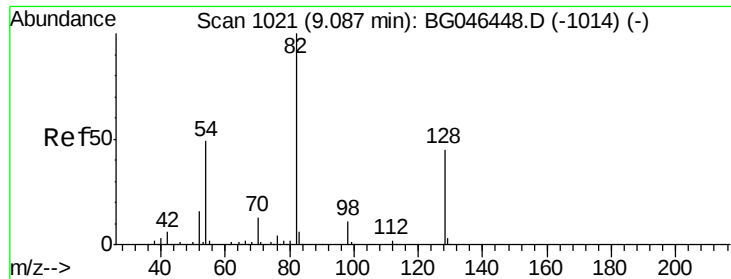
mohammad  
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#22  
Acetophenone  
Concen: 35.576 ng  
RT: 8.74 min Scan# 962  
Delta R.T. 0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 207718 |       |       |
| 71      | 2.7   | 2.7    | 4.1#  |       |
| 51      | 25.4  | 21.0   | 31.6  |       |
| 120     | 22.6  | 19.3   | 28.9  |       |





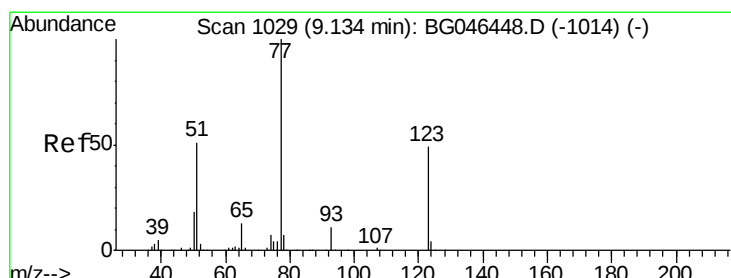
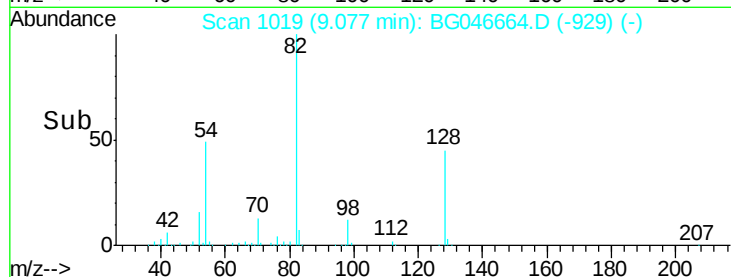
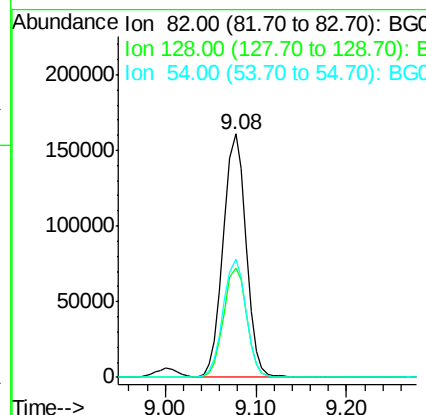
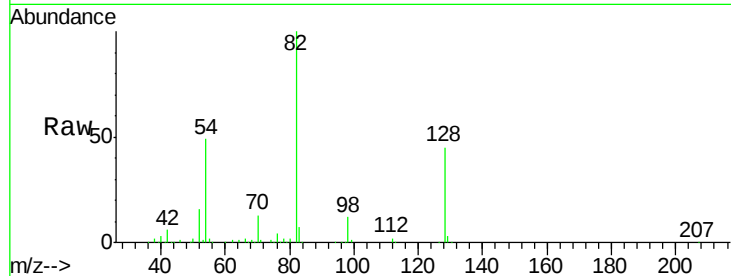
#23  
Nitrobenzene-d5  
Concen: 67.308 ng  
RT: 9.08 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 282470 |       |       |
| 128     | 45.1  |        | 37.0  | 55.6  |
| 54      | 48.6  |        | 39.0  | 58.4  |

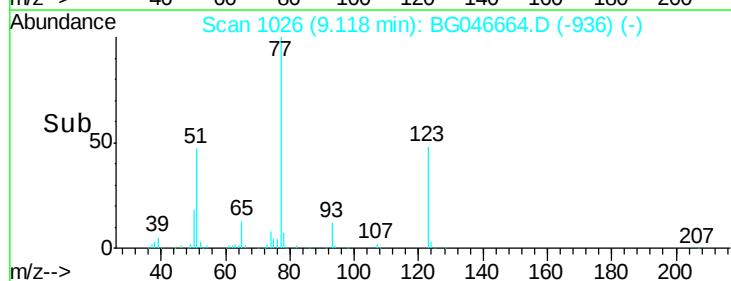
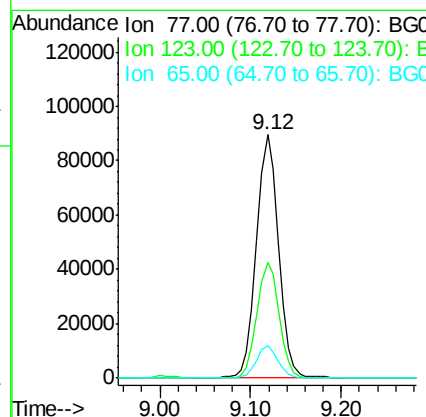
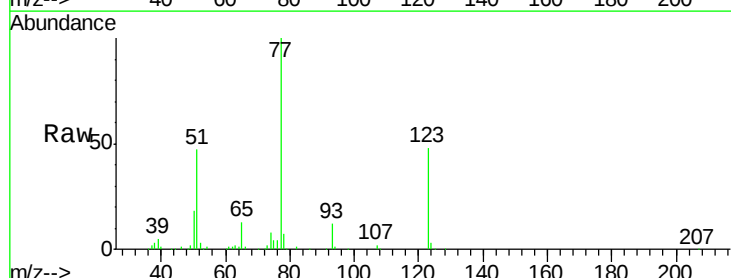
Manual Integrations  
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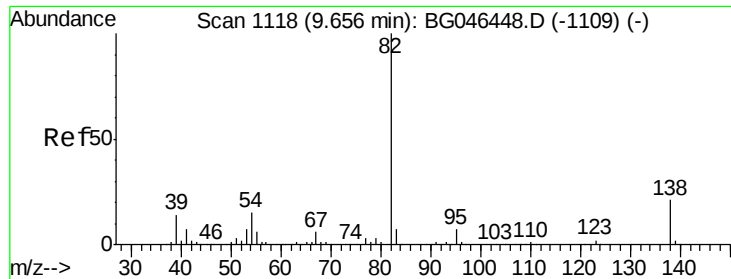
mohammad  
9/21/2020 10:31:56 AM



#24  
Nitrobenzene  
Concen: 36.630 ng  
RT: 9.12 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 151872 |       |       |
| 123     | 47.6  |        | 39.7  | 59.5  |
| 65      | 13.2  |        | 10.4  | 15.6  |





#25

Isophorone

Concen: 40.152 ng

RT: 9.64 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

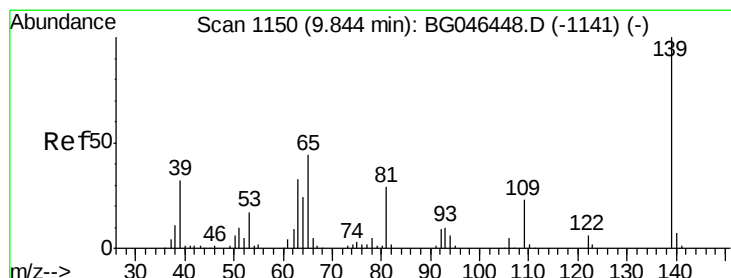
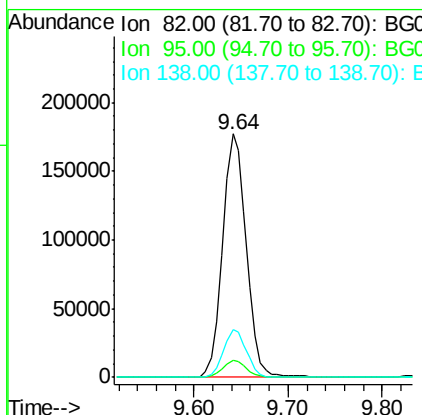
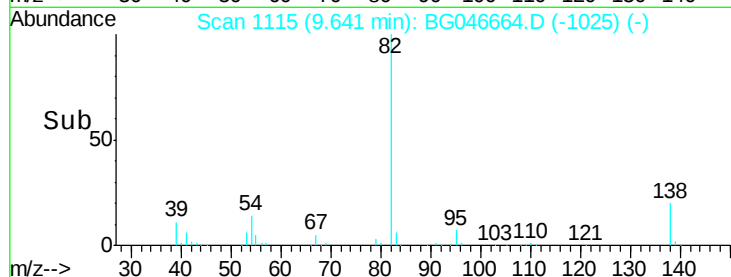
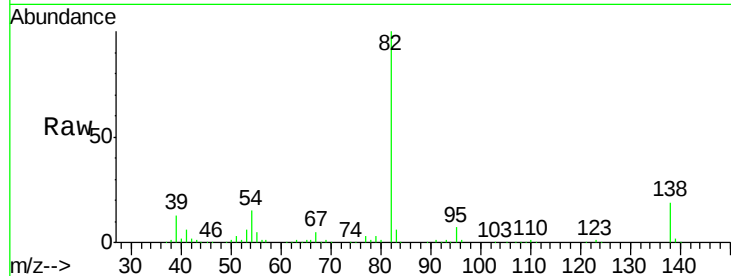
ClientSampleId :

PB131690BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 308935 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.6   | 8.4    |
| 138       | 19.4  | 15.8  | 23.6   |

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#26

2-Nitrophenol

Concen: 39.174 ng

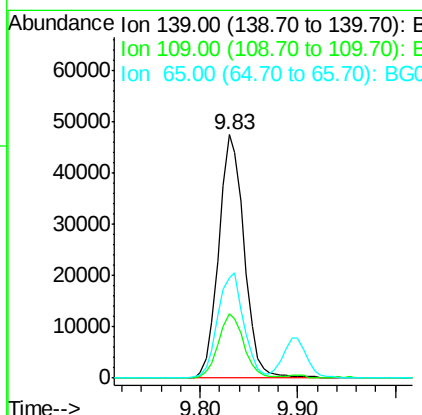
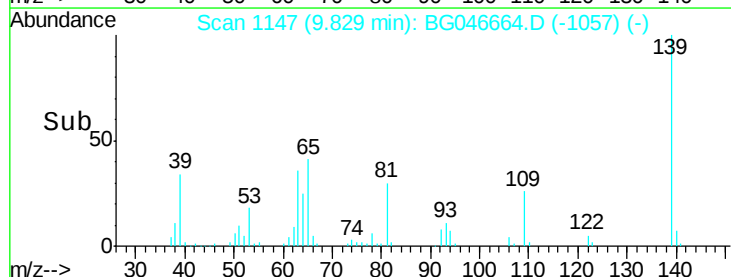
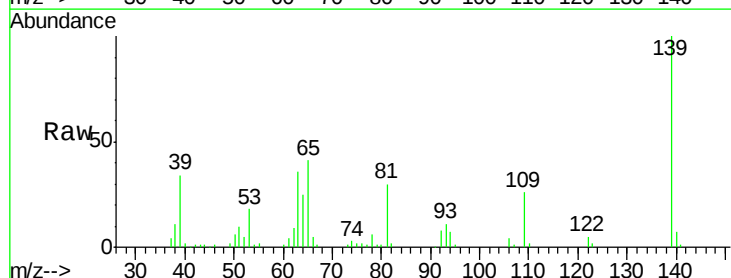
RT: 9.83 min Scan# 1147

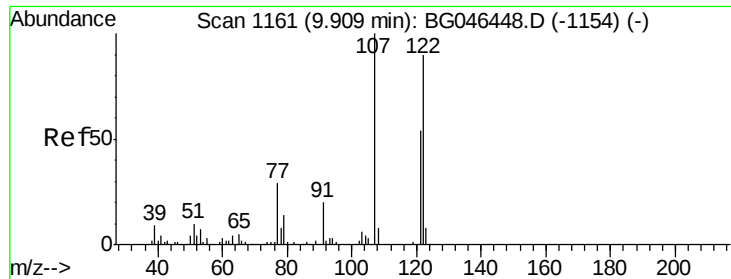
Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 85692 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 26.4  | 20.7  | 31.1  |
| 65        | 41.4  | 36.1  | 54.1  |





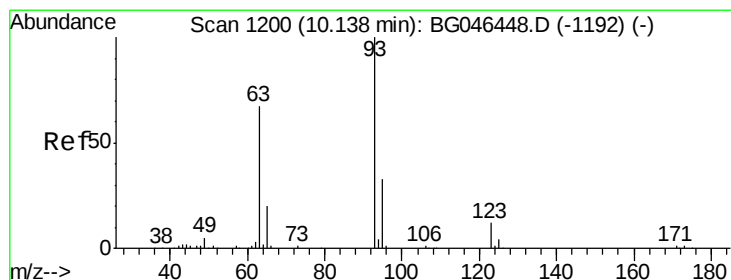
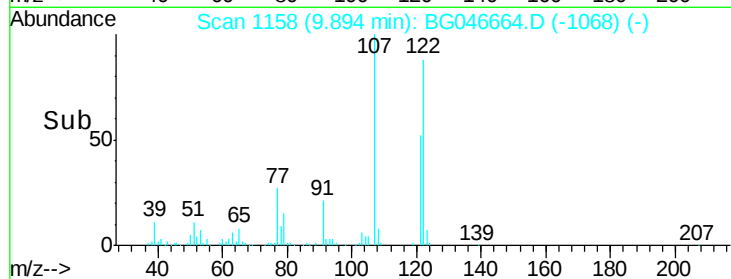
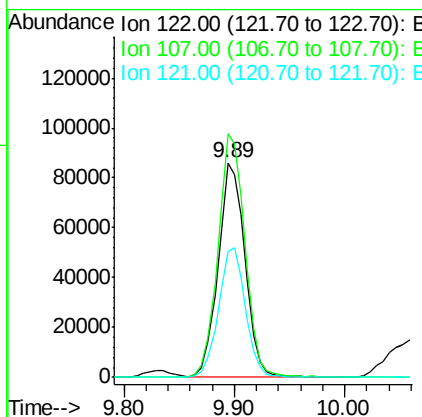
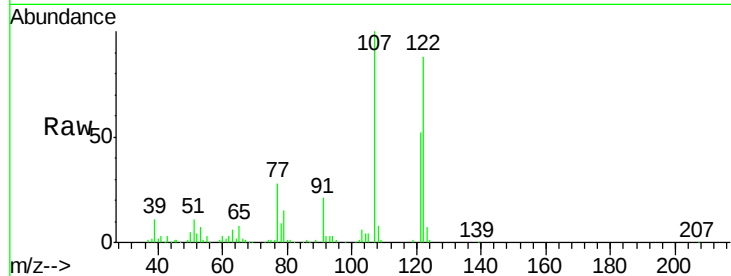
#27  
 2,4-Dimethylphenol  
 Concen: 47.905 ng  
 RT: 9.89 min Scan# 1158  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 144129 |       |       |
| 107     | 113.6 | 89.2   | 133.8 |       |
| 121     | 58.6  | 46.9   | 70.3  |       |

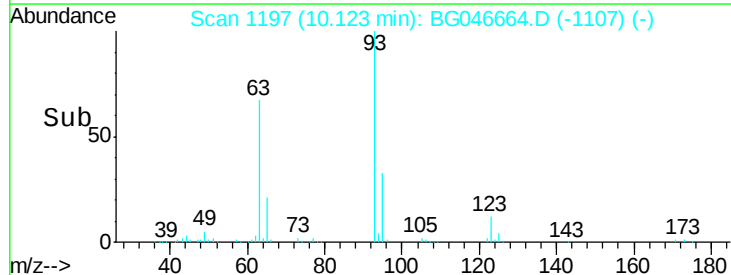
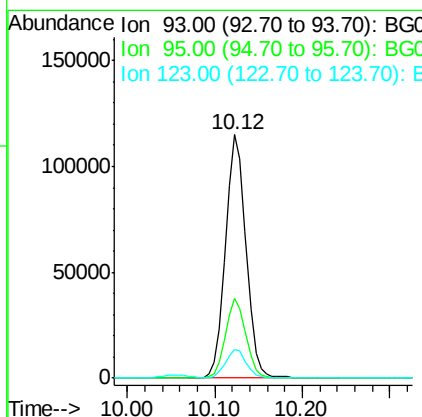
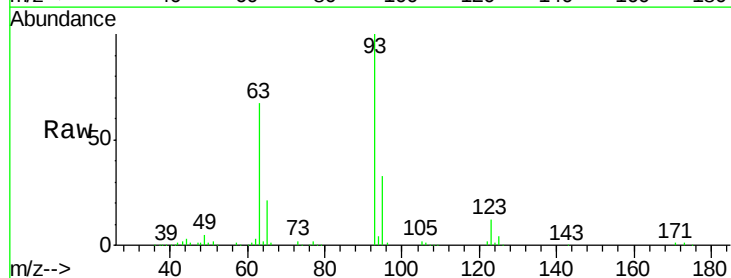
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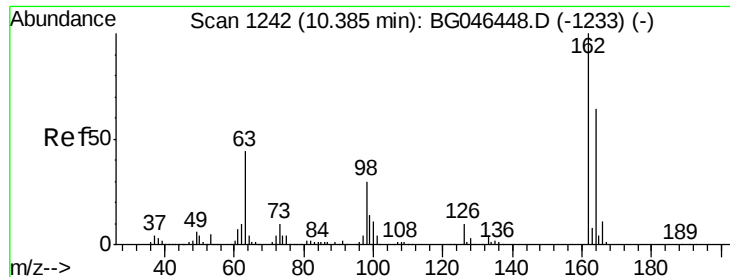
mohammad  
 9/21/2020 10:31:56 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.284 ng  
 RT: 10.12 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 184638 |       |       |
| 95      | 32.8  | 26.5   | 39.7  |       |
| 123     | 11.6  | 9.4    | 14.0  |       |





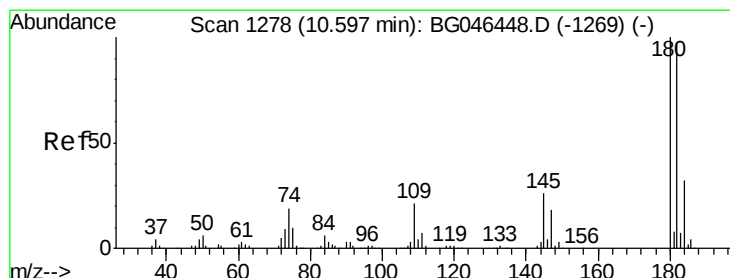
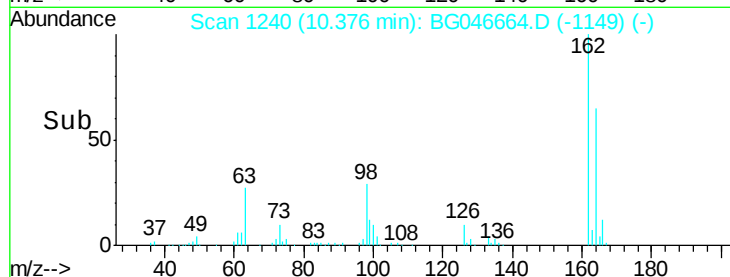
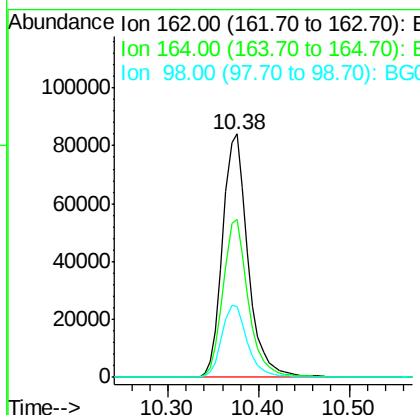
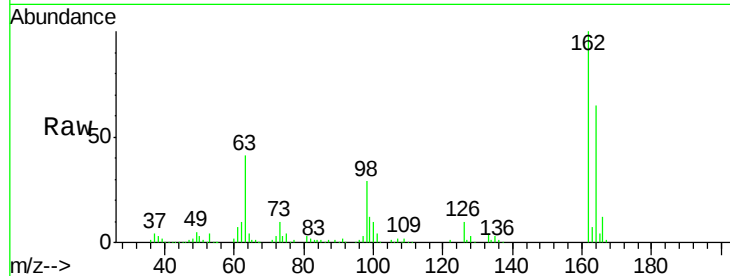
#29  
 2,4-Dichlorophenol  
 Concen: 40.868 ng  
 RT: 10.38 min Scan# 1240  
 Delta R.T. 0.01 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 163914 |       |       |
| 164     | 64.9  | 45.6   | 85.6  |       |
| 98      | 29.2  | 11.0   | 51.0  |       |

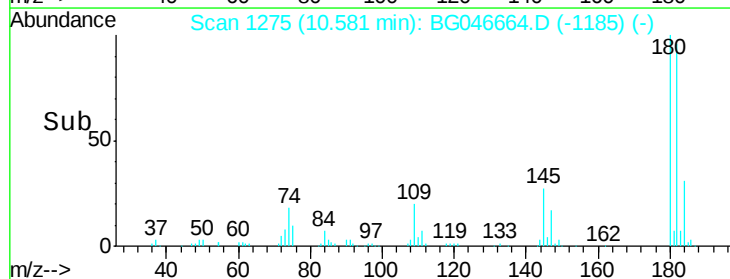
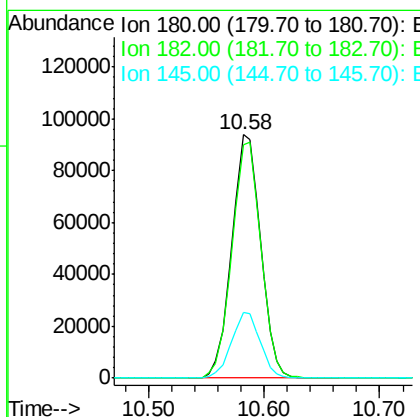
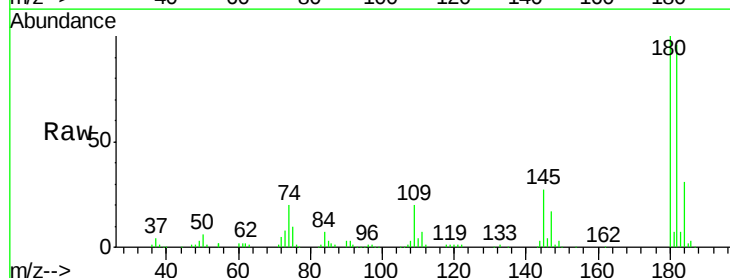
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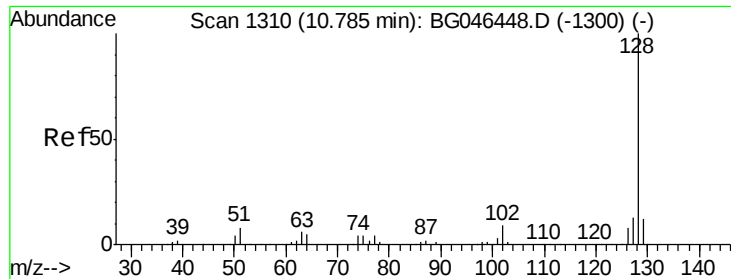
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 34.204 ng  
 RT: 10.58 min Scan# 1275  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 162769 |       |       |
| 182     | 96.0  | 76.9   | 115.3 |       |
| 145     | 26.7  | 21.4   | 32.0  |       |





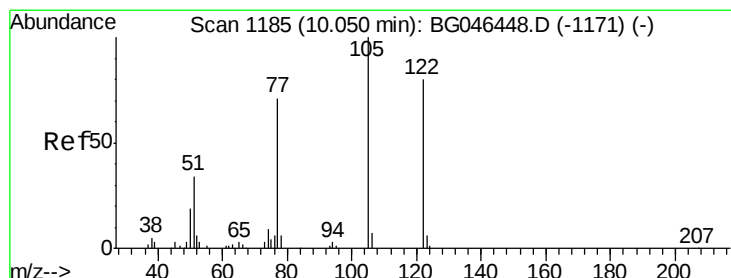
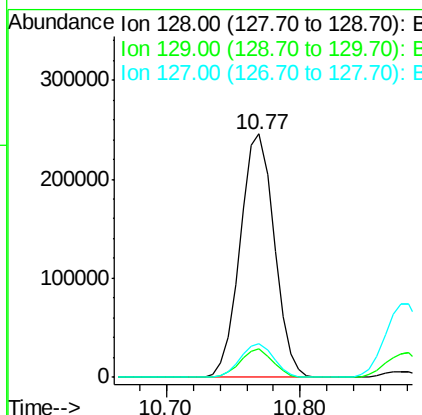
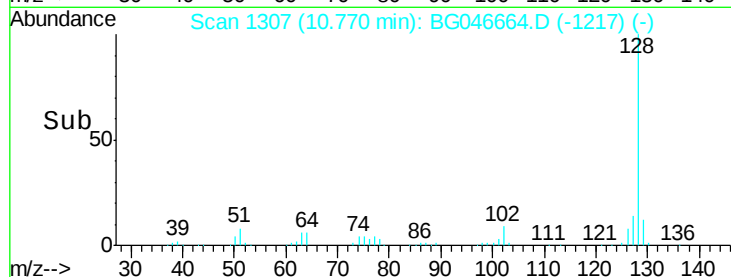
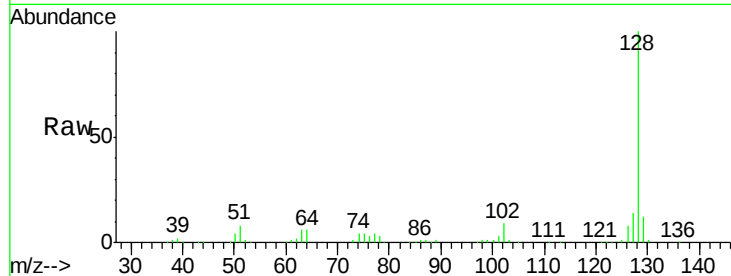
#31  
Naphthalene  
Concen: 37.073 ng  
RT: 10.77 min Scan# 1307  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.0   | 13.6  |
| 127     | 13.8  | 11.0  | 16.4  |

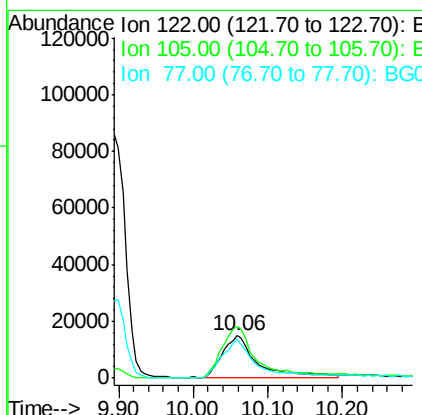
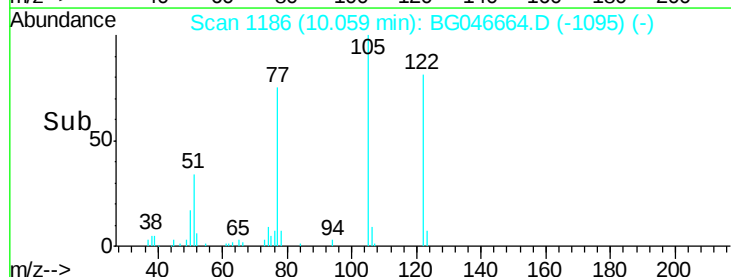
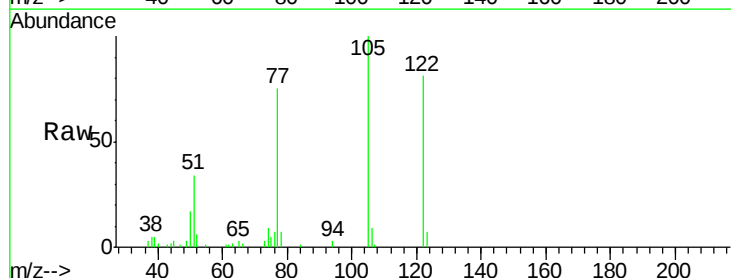
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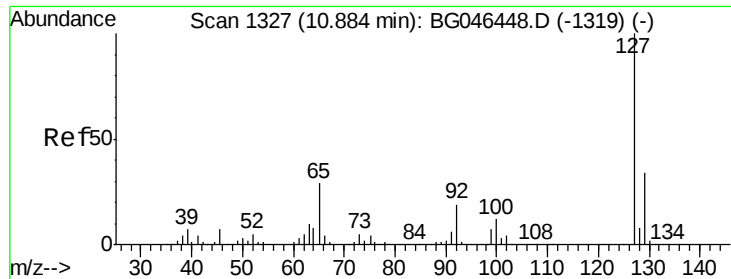
mohammad  
9/21/2020 10:31:56 AM



#32  
Benzoic acid  
Concen: 26.834 ng  
RT: 10.06 min Scan# 1186  
Delta R.T. 0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.3 | 103.7 | 143.7 |
| 77      | 92.3  | 63.0  | 103.0 |





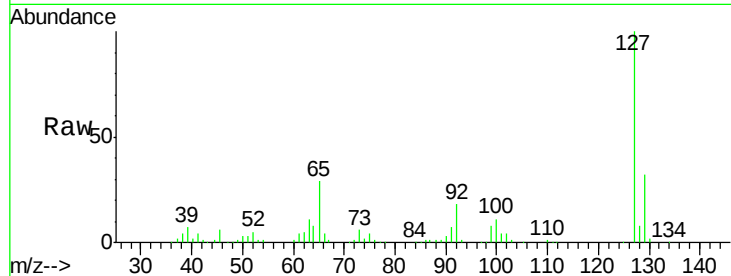
#33  
4-Chloroaniline  
Concen: 29.939 ng  
RT: 10.88 min Scan# 1325  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

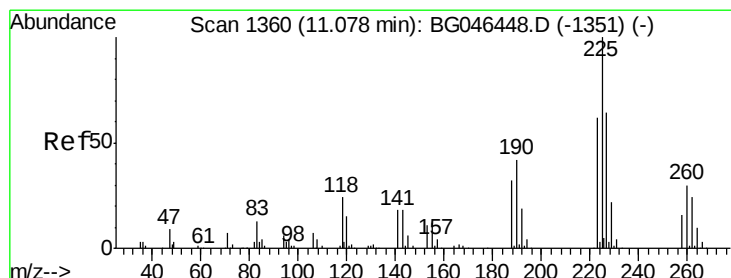
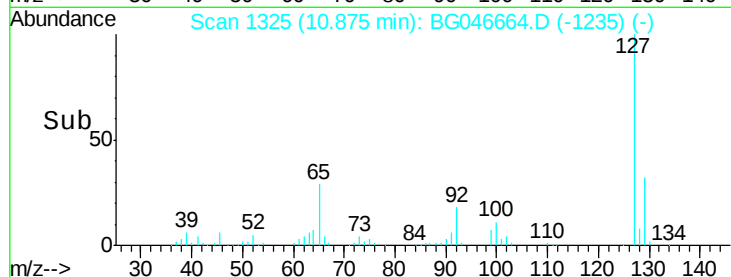
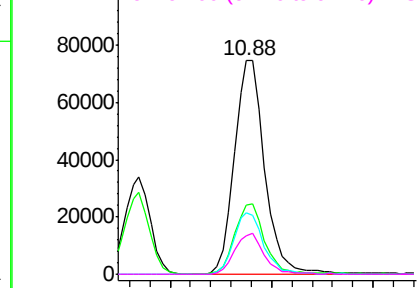
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 154615 |       |       |
| 129     | 32.4 | 26.8  | 40.2   |       |       |
| 65      | 29.0 | 23.8  | 35.6   |       |       |
| 92      | 18.0 | 14.5  | 21.7   |       |       |

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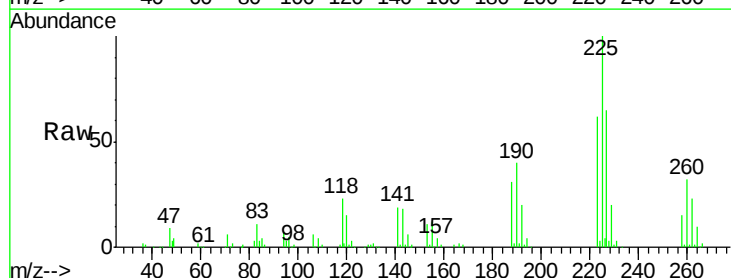


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

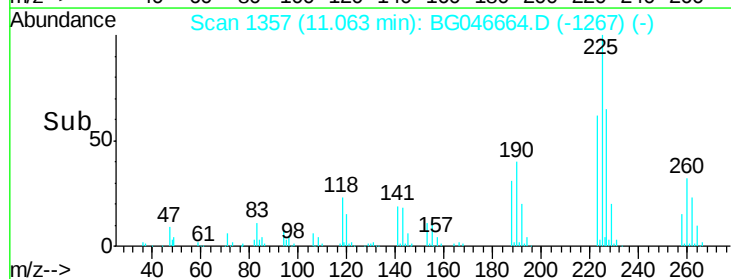
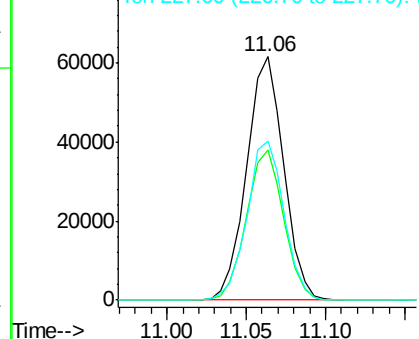


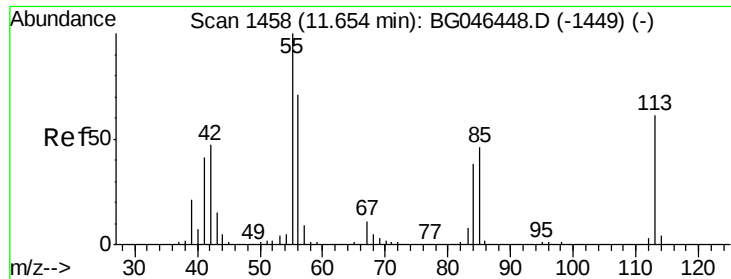
#34  
Hexachlorobutadiene  
Concen: 32.331 ng  
RT: 11.06 min Scan# 1357  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 99877 |       |       |
| 223     | 61.6 | 49.5  | 74.3  |       |       |
| 227     | 65.1 | 52.0  | 78.0  |       |       |



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: 41.214 ng/mL

RT: 11.64 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

ClientSampleId :

PB131690BS

Tot Ion: 113 Resp: 61790

Ion Ratio Lower Upper

113 100

55 157.2 149.2 189.2

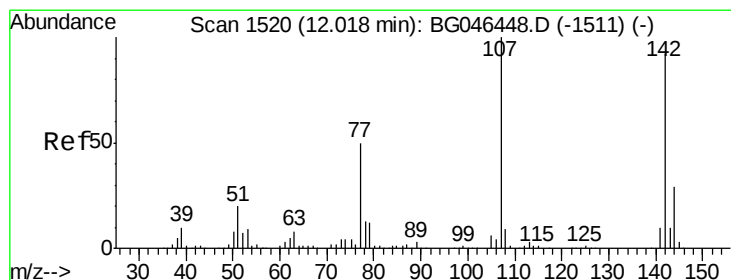
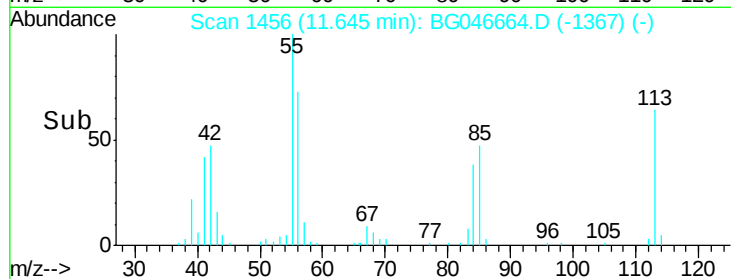
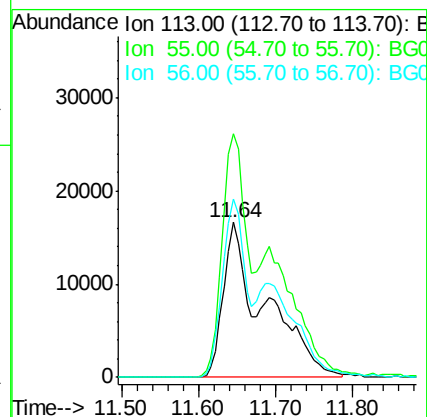
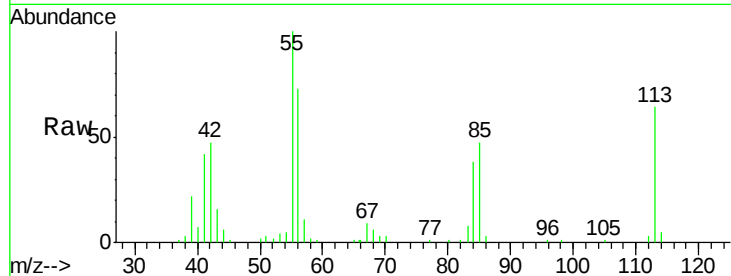
56 115.1 107.2 147.2

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#36

4-Chloro-3-methylphenol

Concen: 43.441 ng/mL

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

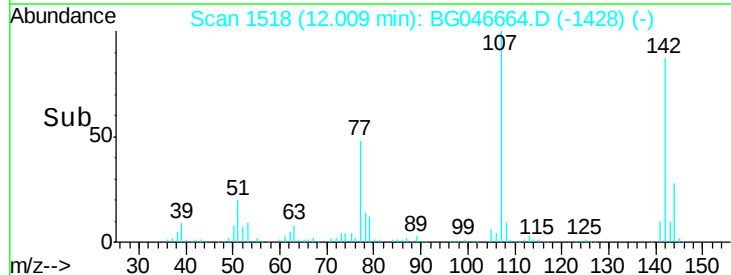
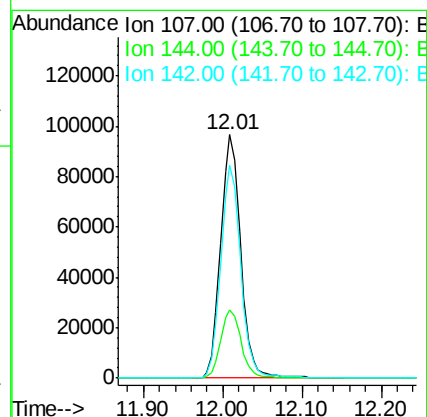
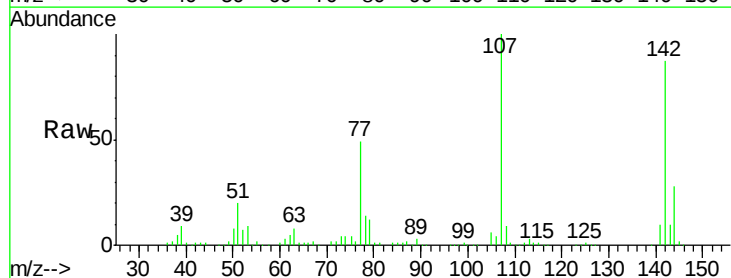
Tgt Ion: 107 Resp: 170409

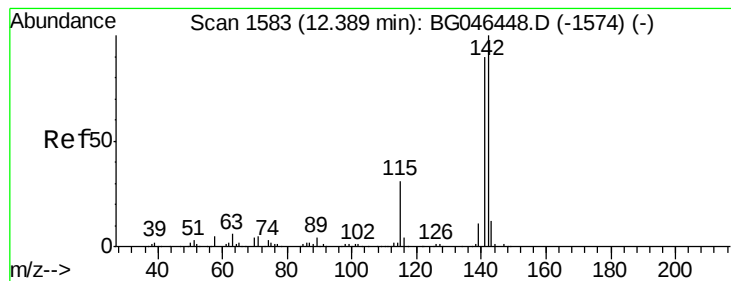
Ion Ratio Lower Upper

107 100

144 28.2 22.5 33.7

142 87.5 70.8 106.2





#37

2-Methylnaphthalene

Concen: 39.366 ng

RT: 12.38 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

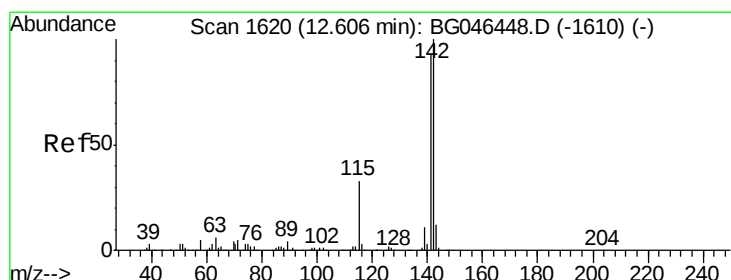
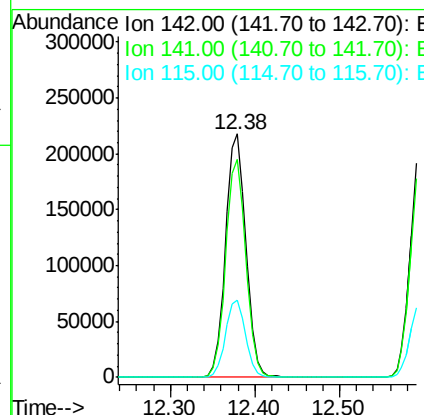
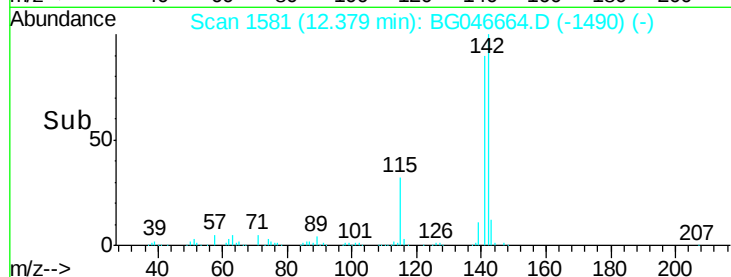
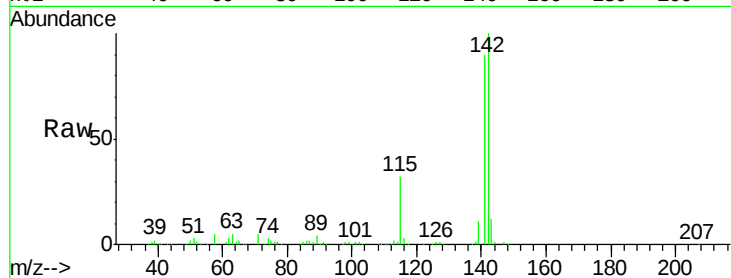
ClientSampleId :

PB131690BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 363606 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.6  | 71.6  | 107.4  |
| 115       | 31.5  | 25.4  | 38.2   |

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#38

1-Methylnaphthalene

Concen: 39.334 ng

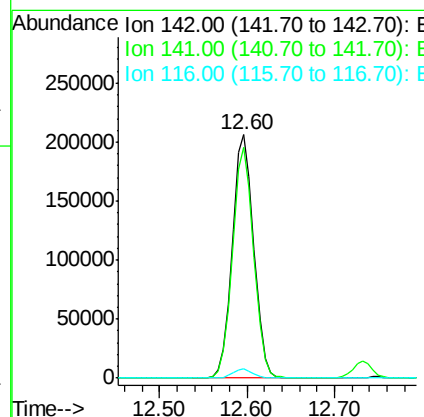
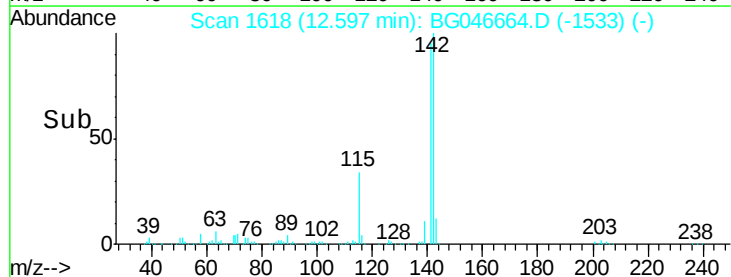
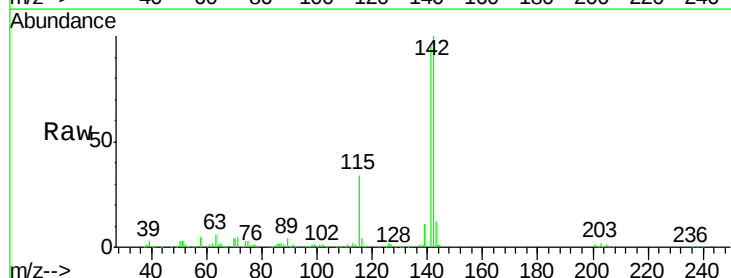
RT: 12.60 min Scan# 1618

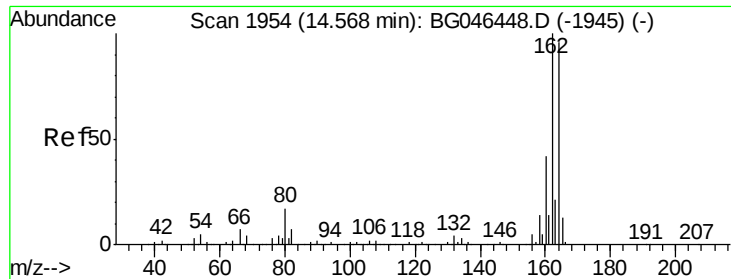
Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 344142 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 94.6  | 75.4  | 113.2  |
| 116       | 3.7   | 2.9   | 4.3    |





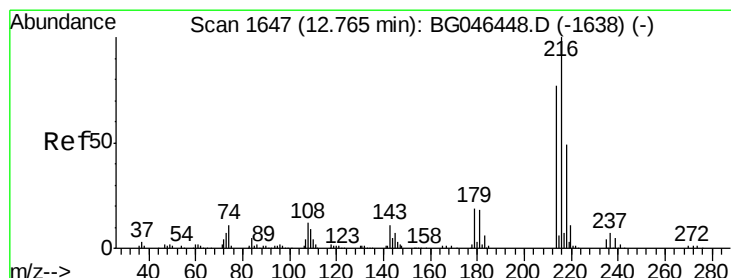
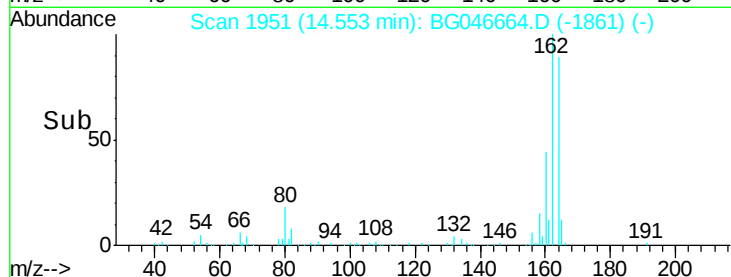
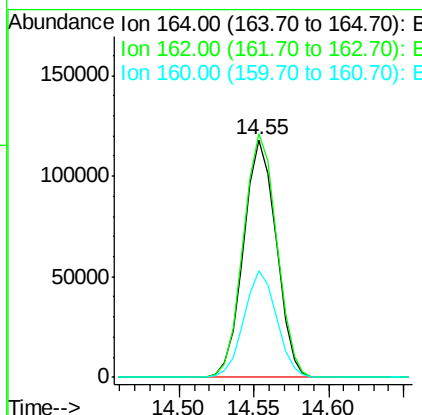
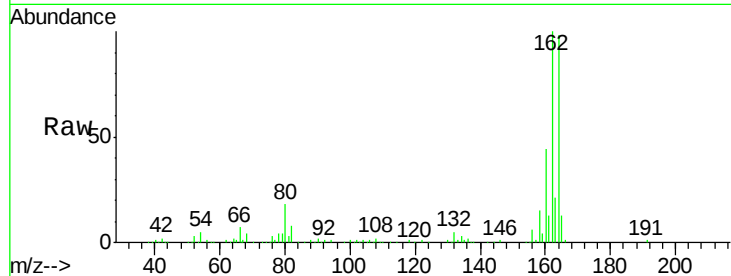
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.4 | 82.3  | 123.5 |
| 160     | 44.8  | 35.3  | 52.9  |

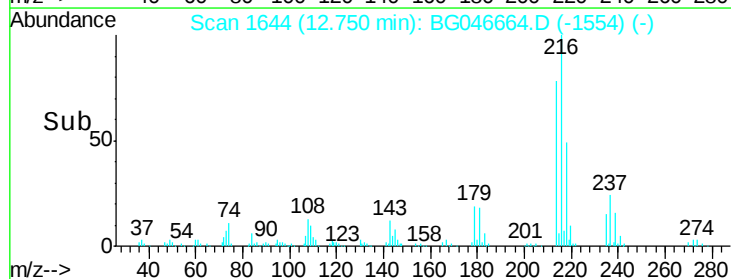
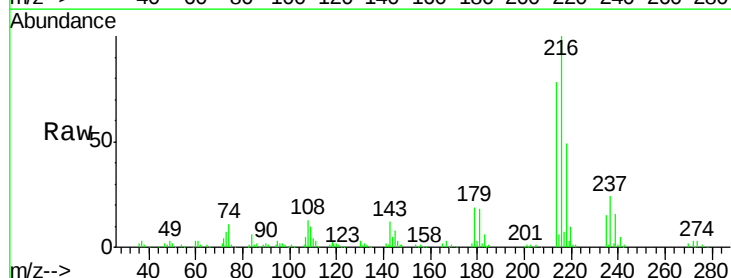
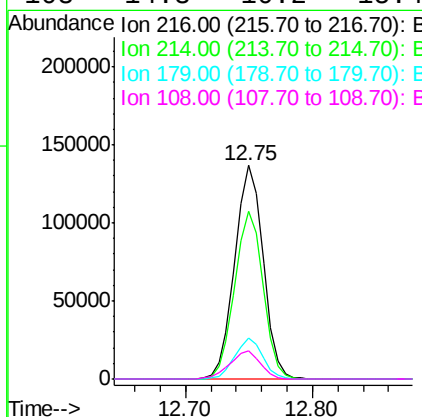
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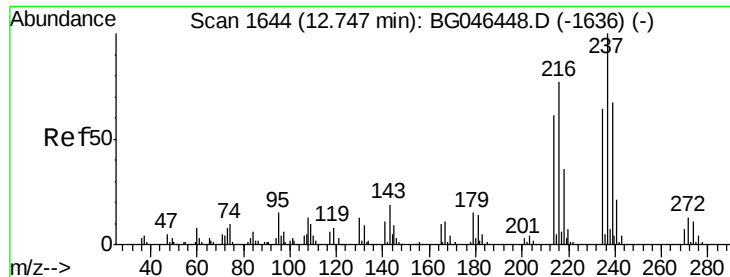
mohammad  
9/21/2020 10:31:56 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.098 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.1  | 61.9  | 92.9  |
| 179     | 18.7  | 14.8  | 22.2  |
| 108     | 14.3  | 10.2  | 15.4  |





#41

Hexachlorocyclopentadiene

Concen: 81.408 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

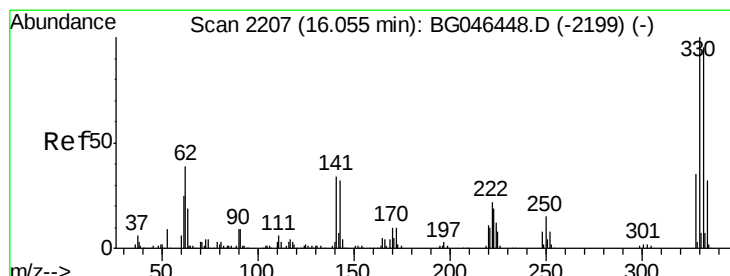
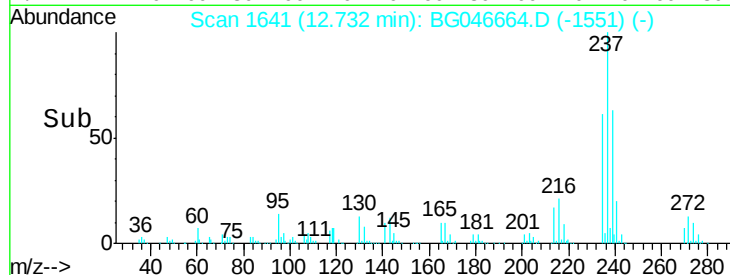
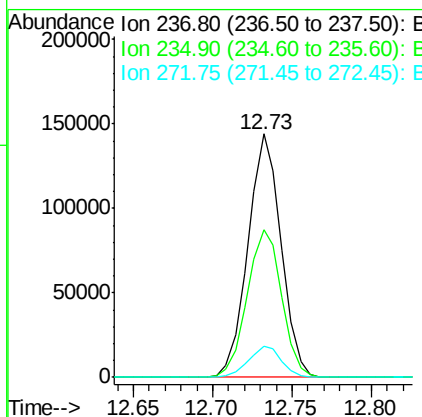
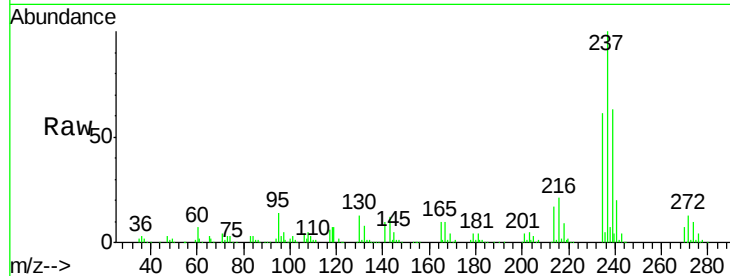
ClientSampleId :

PB131690BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 208575 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 60.8  | 43.1  | 83.1   |
| 272       | 12.6  | 0.0   | 33.1   |

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#42

2,4,6-Tribromophenol

Concen: 95.340 ng

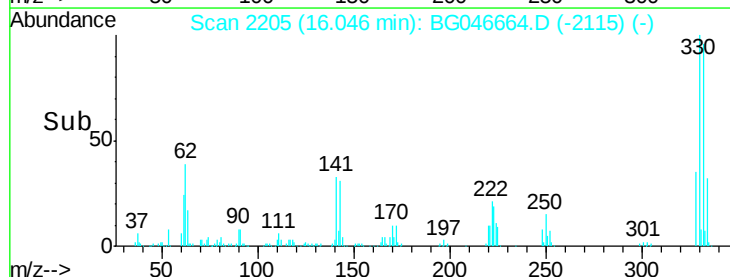
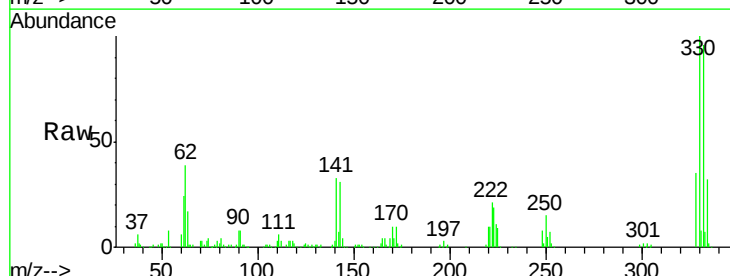
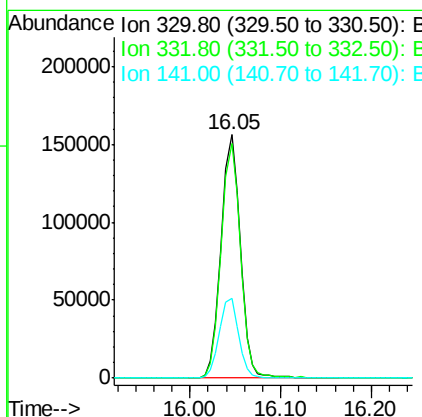
RT: 16.05 min Scan# 2205

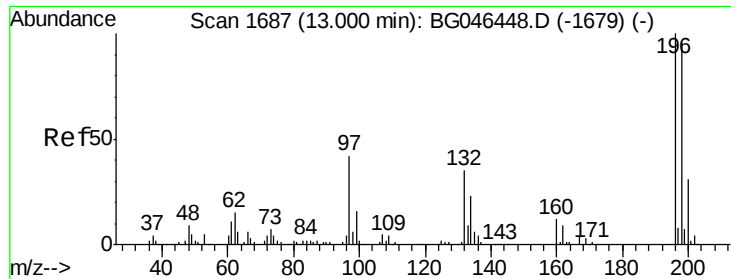
Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 230819 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.4  | 76.5  | 114.7  |
| 141       | 33.0  | 26.0  | 39.0   |





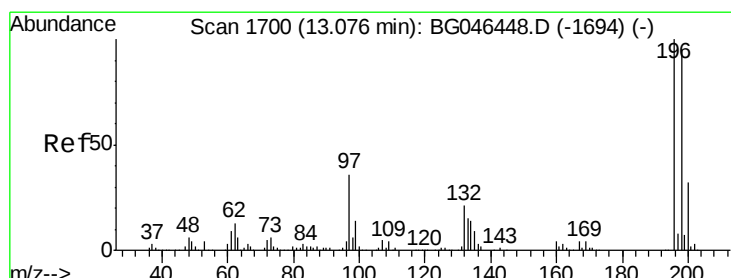
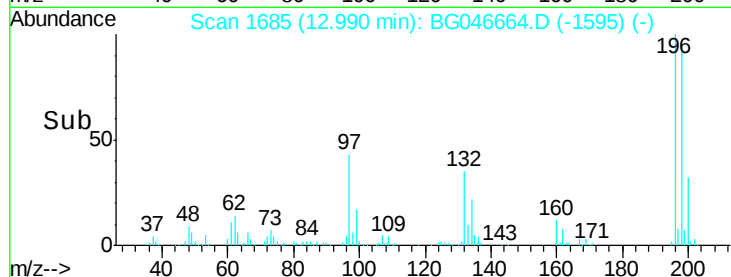
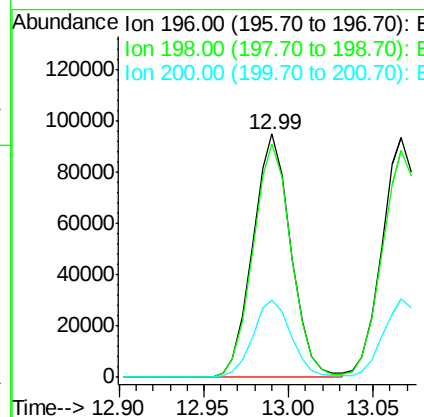
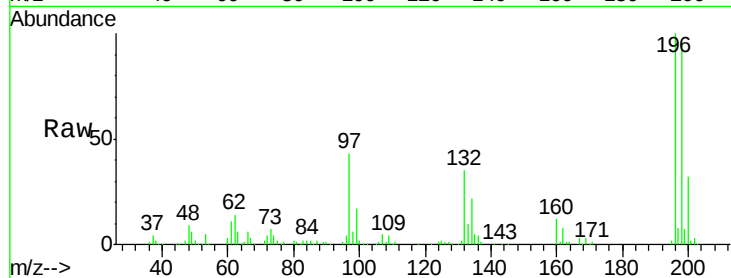
#43  
 2,4,6-Trichlorophenol  
 Concen: 37.350 ng  
 RT: 12.99 min Scan# 1685  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 148513 |       |       |
| 198     | 95.7  | 74.9   | 112.3 |       |
| 200     | 31.7  | 25.3   | 37.9  |       |

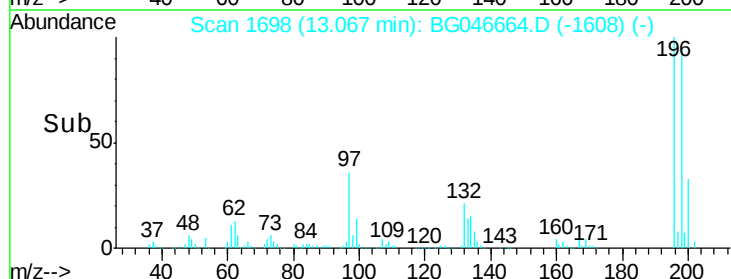
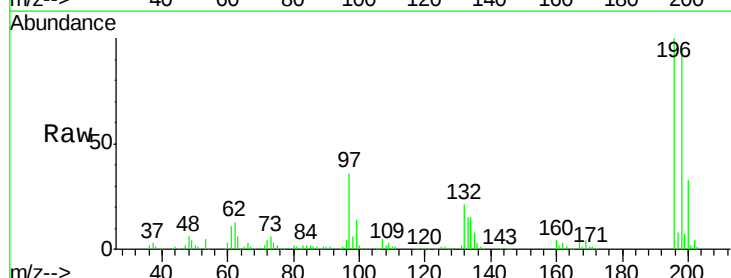
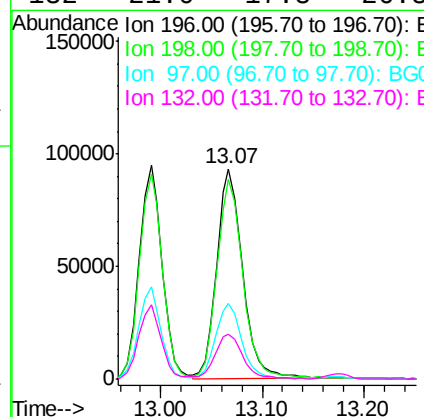
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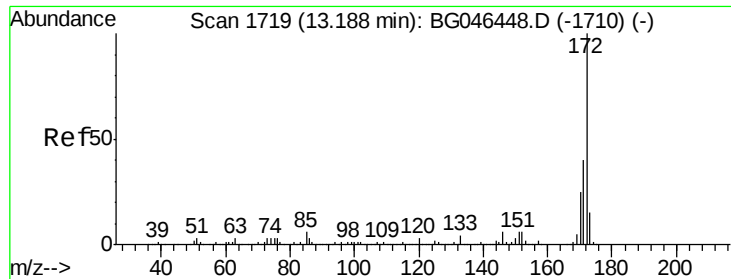
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 39.298 ng  
 RT: 13.07 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 164176 |       |       |
| 198     | 94.9  | 77.6   | 116.4 |       |
| 97      | 35.7  | 28.6   | 43.0  |       |
| 132     | 21.0  | 17.8   | 26.8  |       |





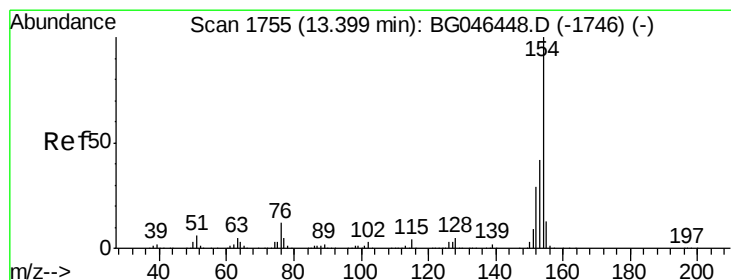
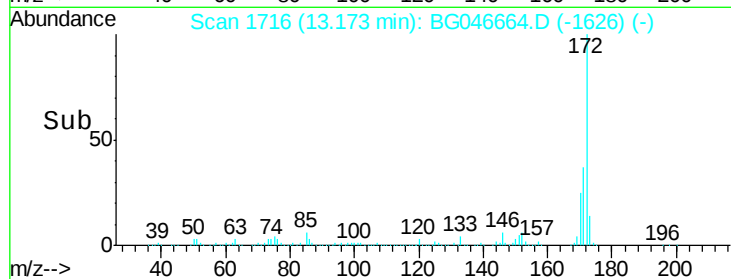
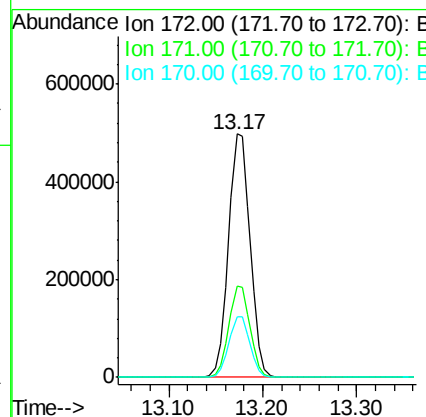
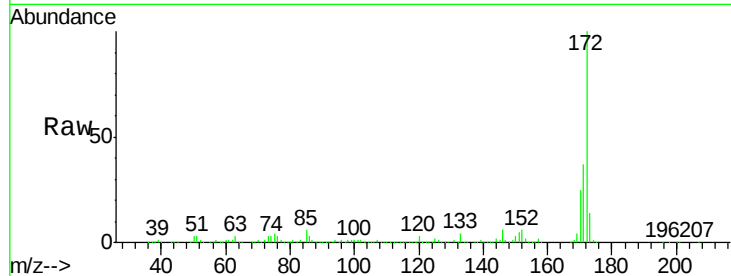
#45  
2-Fluorobiphenyl  
Concen: 67.626 ng  
RT: 13.17 min Scan# 1716  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 791554 |       |       |
| 171     | 37.2  |        | 31.3  | 46.9  |
| 170     | 24.7  |        | 20.8  | 31.2  |

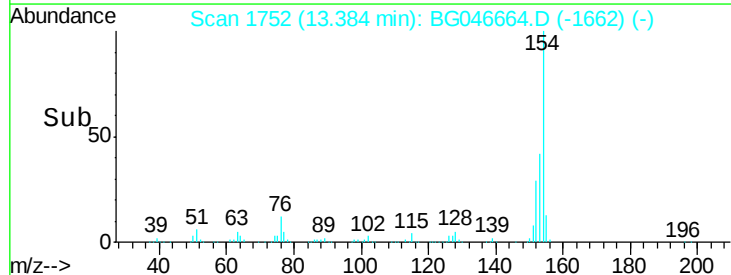
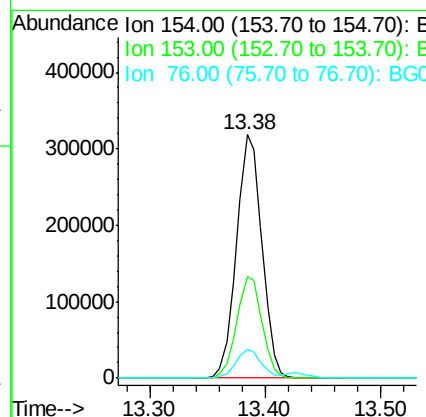
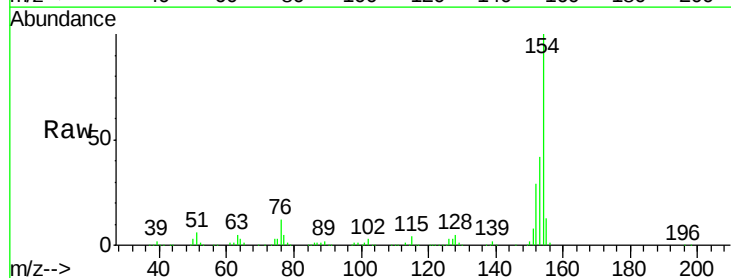
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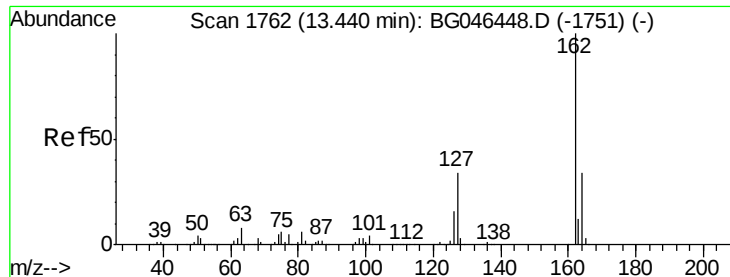
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 38.915 ng  
RT: 13.38 min Scan# 1752  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 483782 |       |       |
| 153     | 41.6  |        | 22.6  | 62.6  |
| 76      | 12.0  |        | 0.0   | 32.6  |





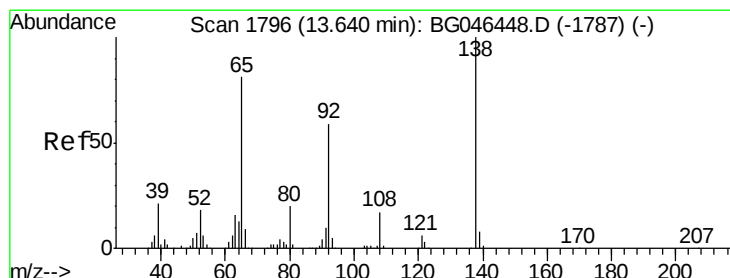
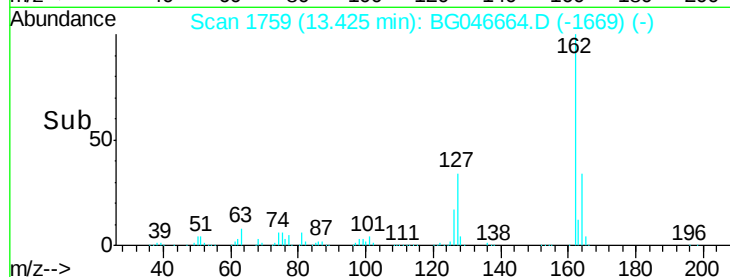
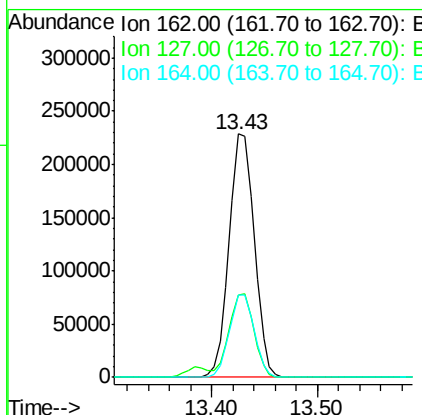
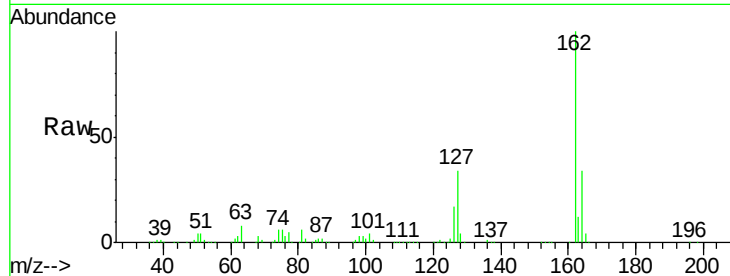
#47  
2-Chloronaphthalene  
Concen: 35.650 ng  
RT: 13.43 min Scan# 1759  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 33.9  | 27.8  | 41.6  |
| 164     | 33.6  | 27.0  | 40.4  |

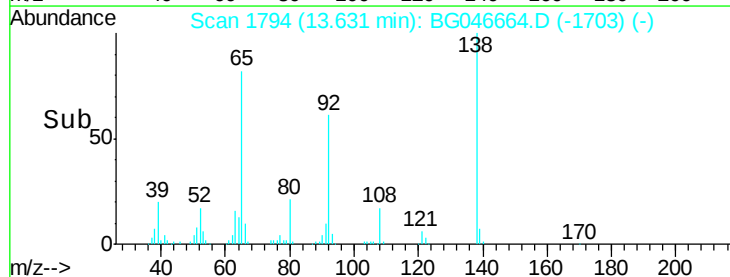
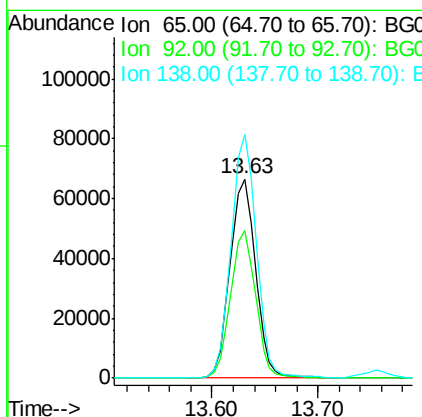
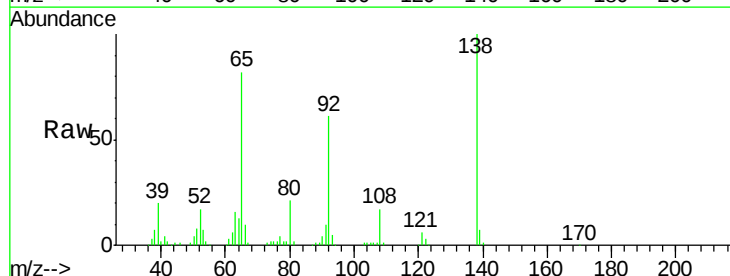
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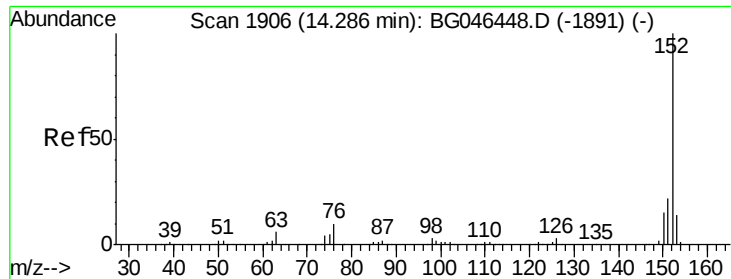
mohammad  
9/21/2020 10:31:56 AM



#48  
2-Nitroaniline  
Concen: 38.229 ng  
RT: 13.63 min Scan# 1794  
Delta R.T. 0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.2  | 58.6  | 88.0  |
| 138     | 122.1 | 98.2  | 147.4 |





#49

Acenaphthylene

Concen: 39.035 ng

RT: 14.28 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

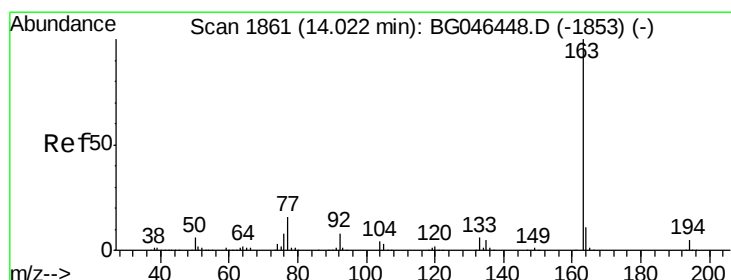
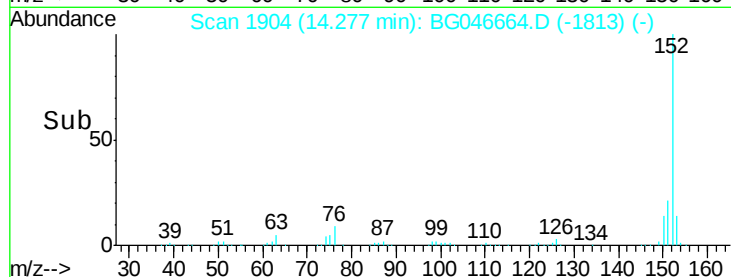
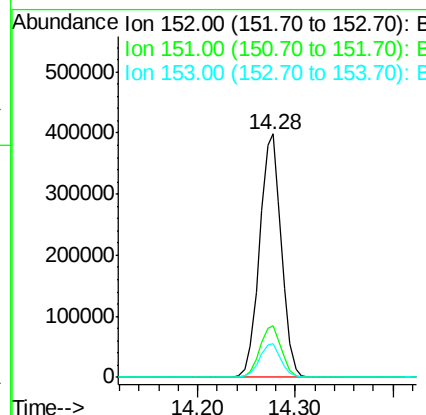
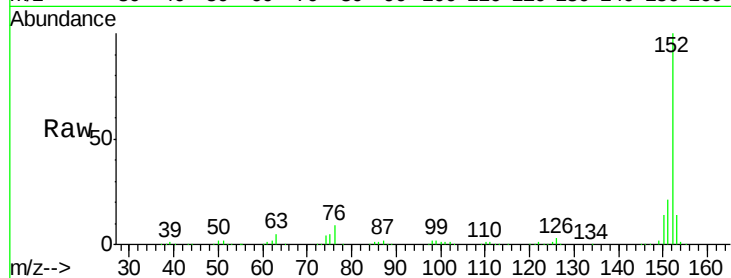
ClientSampleId :

PB131690BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 624126 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.2  | 17.4  | 26.0   |
| 153       | 13.9  | 11.5  | 17.3   |

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#50

Dimethylphthalate

Concen: 38.314 ng

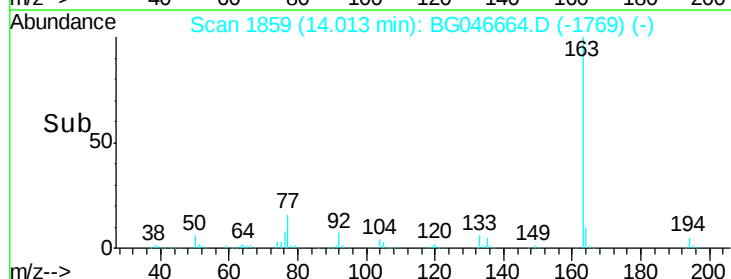
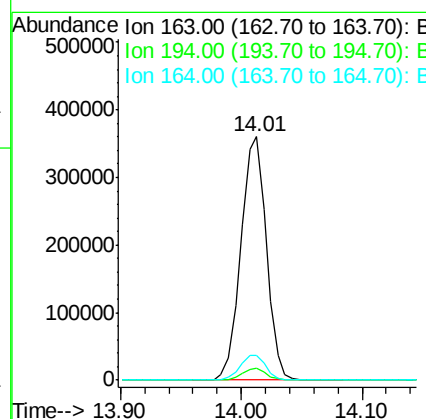
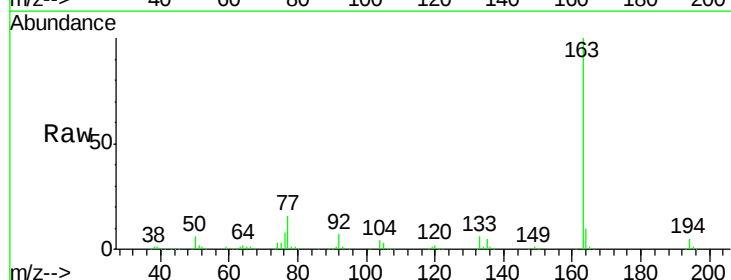
RT: 14.01 min Scan# 1859

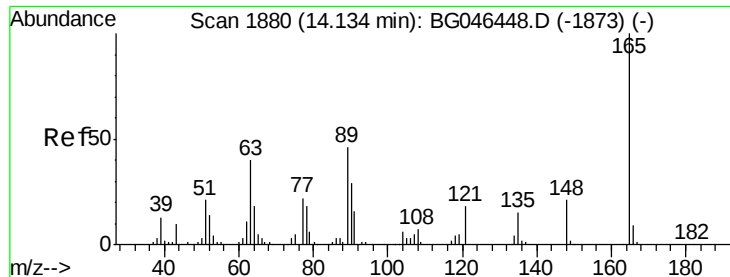
Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 529639 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.8   | 3.8   | 5.8    |
| 164       | 10.3  | 8.8   | 13.2   |





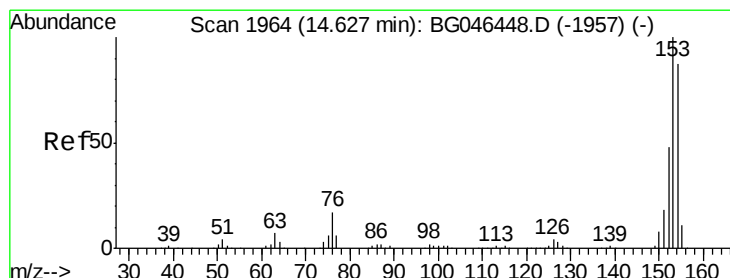
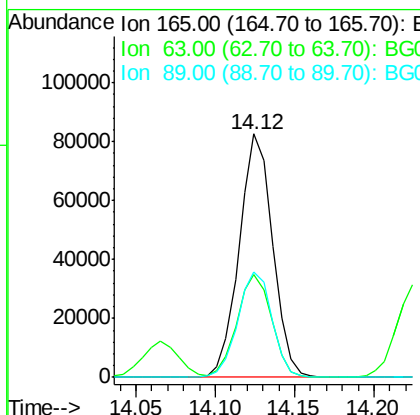
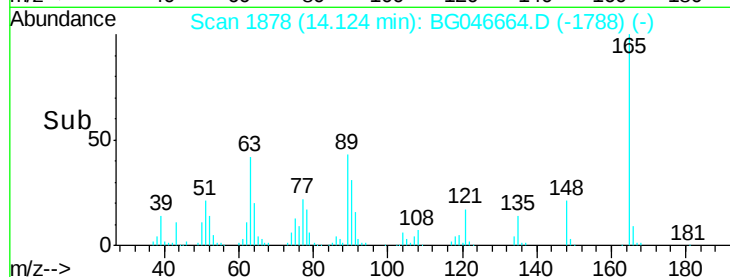
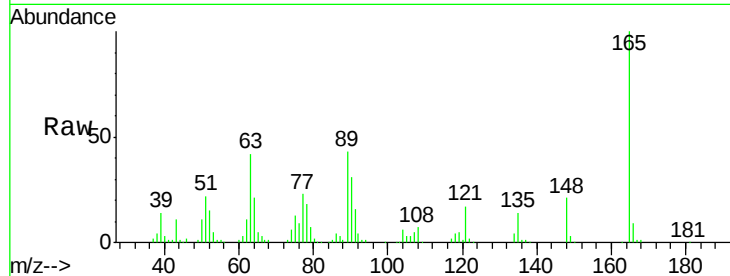
#51  
2,6-Dinitrotoluene  
Concen: 39.636 ng  
RT: 14.12 min Scan# 1878  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 120779 |       |       |
| 63      | 42.4  |        | 33.7  | 50.5  |
| 89      | 43.4  |        | 36.6  | 54.8  |

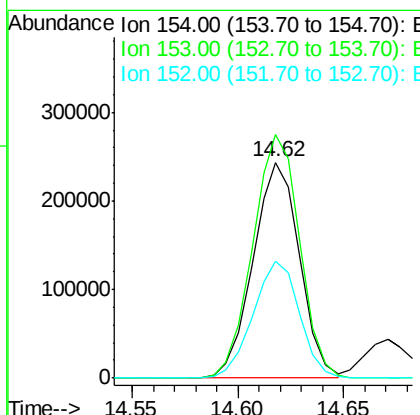
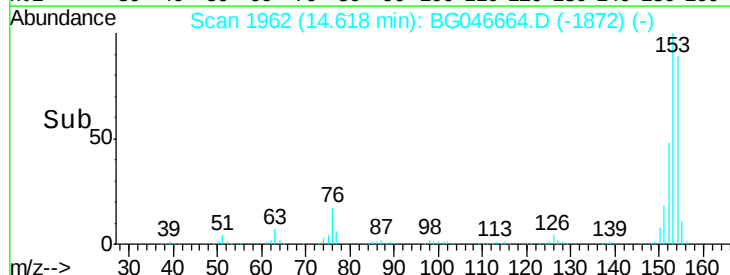
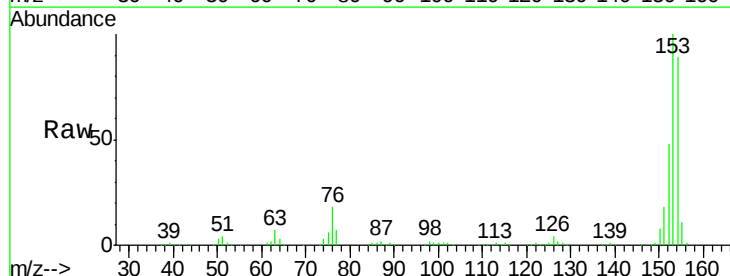
Manual Integrations  
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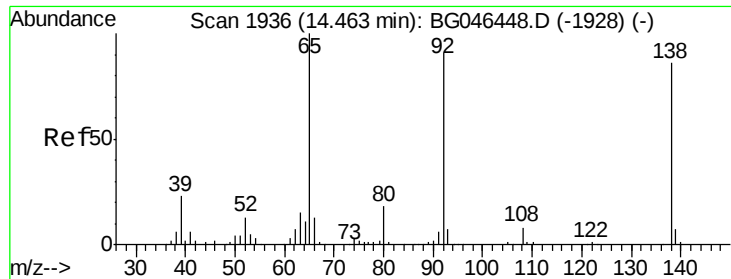
mohammad  
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#52  
Acenaphthene  
Concen: 37.459 ng  
RT: 14.62 min Scan# 1962  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 371142 |       |       |
| 153     | 112.7 |        | 90.3  | 135.5 |
| 152     | 54.1  |        | 43.8  | 65.8  |





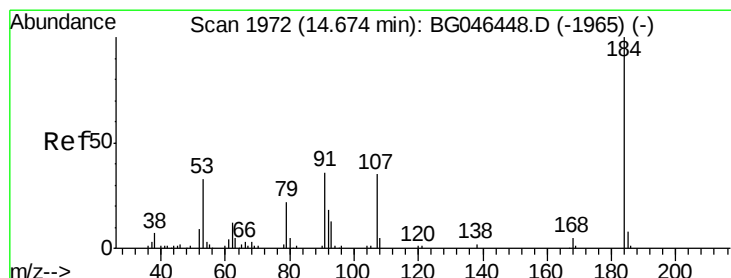
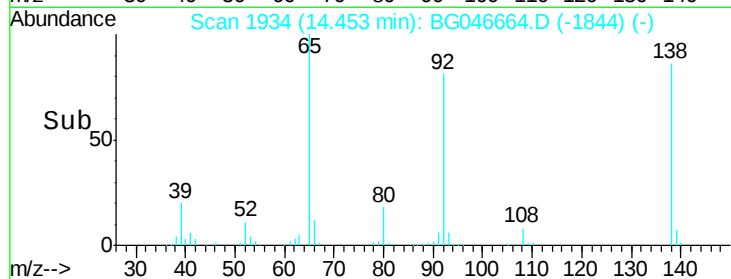
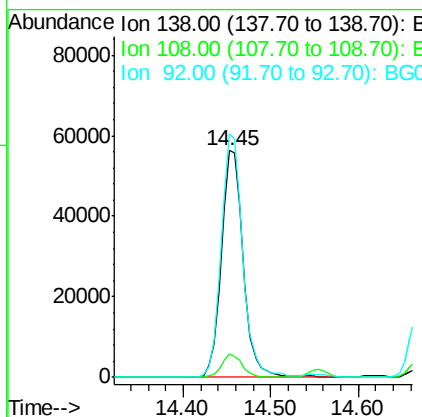
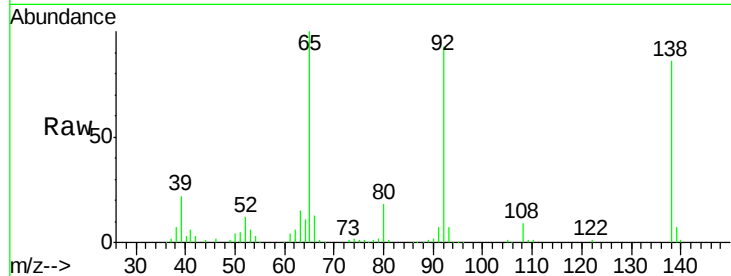
#53  
3-Nitroaniline  
Concen: 29.684 ng  
RT: 14.45 min Scan# 1934  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 7.4   | 11.0  |
| 92      | 107.4 | 85.2  | 127.8 |

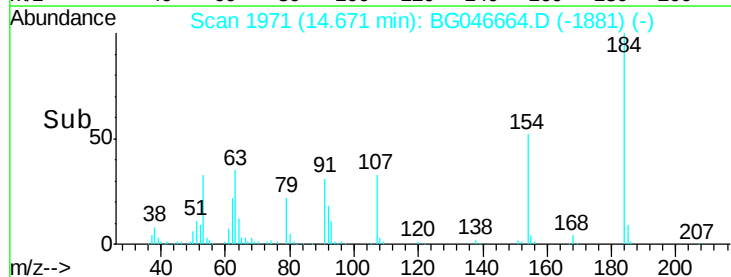
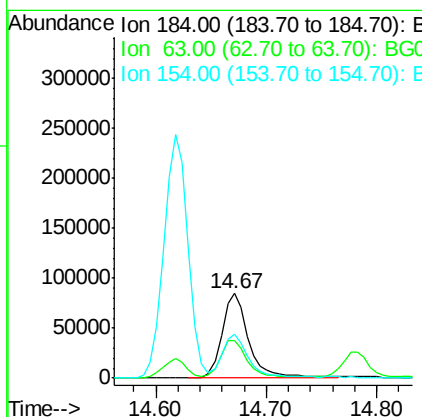
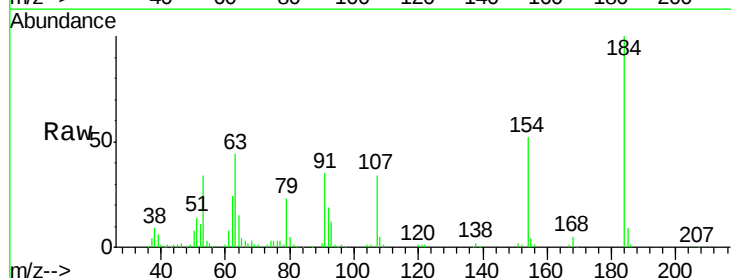
Manual Integrations  
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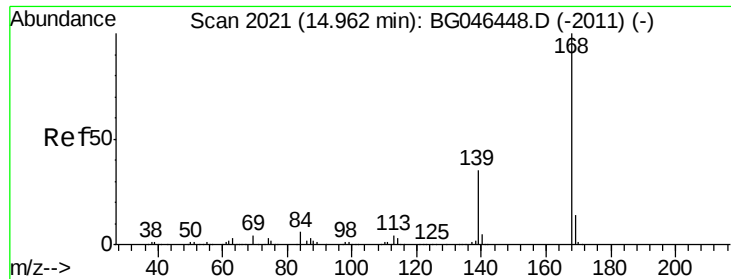
mohammad  
9/21/2020 10:31:56 AM



#54  
2,4-Dinitrophenol  
Concen: 81.322 ng  
RT: 14.67 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 43.6  | 32.3  | 48.5  |
| 154     | 52.2  | 40.4  | 60.6  |





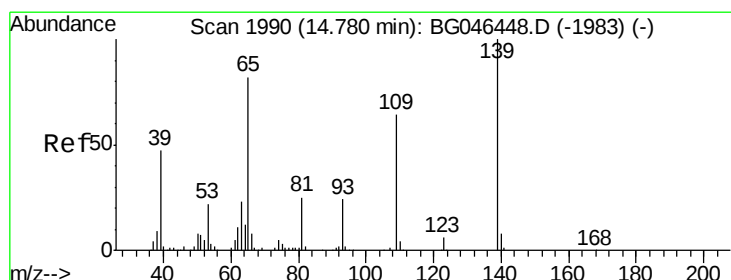
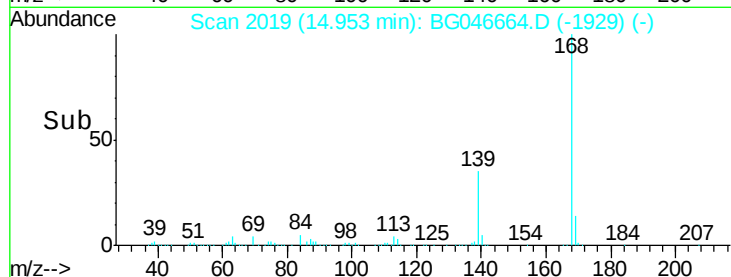
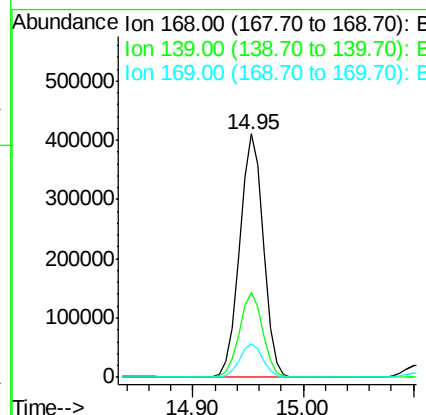
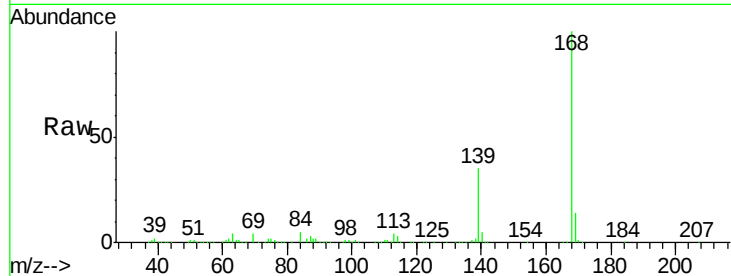
#55  
Dibenzofuran  
Concen: 38.883 ng  
RT: 14.95 min Scan# 2019  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.9  | 28.6  | 43.0  |
| 169     | 14.1  | 11.0  | 16.6  |

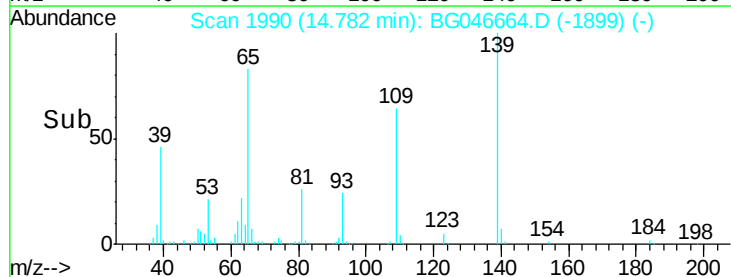
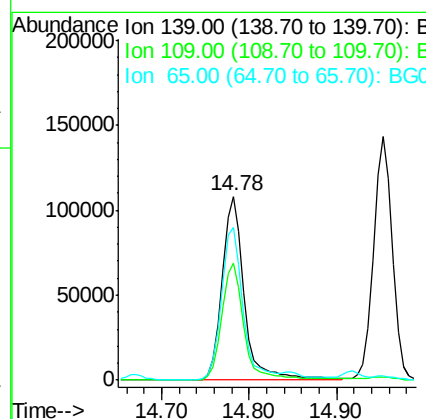
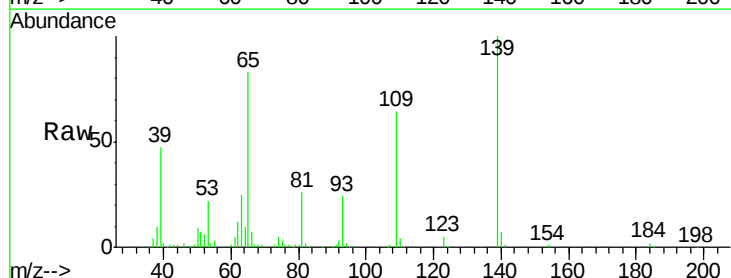
Manual Integrations  
APPROVED

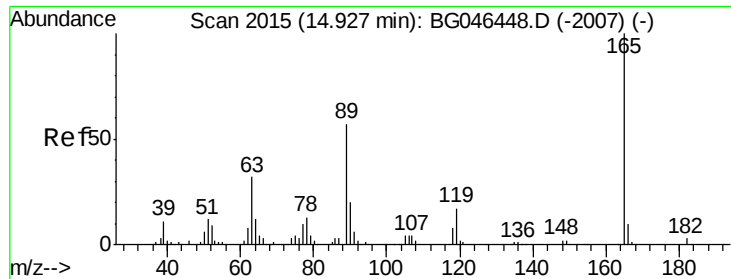
mohammad  
9/21/2020 10:31:56 AM



#56  
4-Nitrophenol  
Concen: 78.921 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. 0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 63.7  | 45.9  | 85.9  |
| 65      | 83.1  | 65.4  | 105.4 |





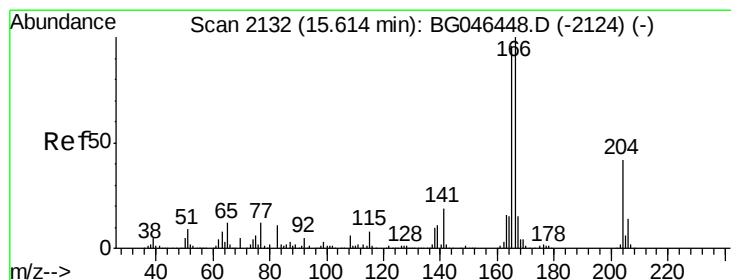
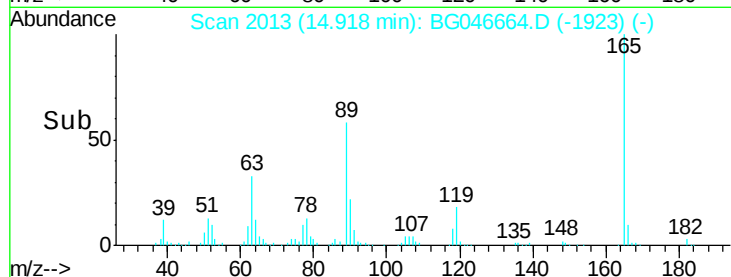
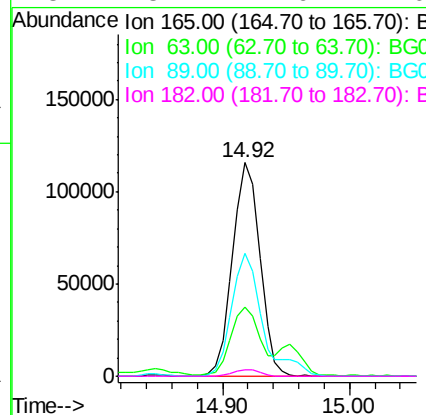
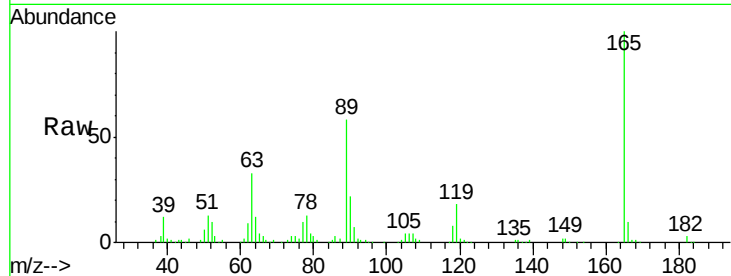
#57  
2,4-Dinitrotoluene  
Concen: 39.908 ng  
RT: 14.92 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 173402 |       |       |
| 63      | 32.6  | 26.4   | 39.6  |       |
| 89      | 57.6  | 47.8   | 71.8  |       |
| 182     | 3.1   | 2.6    | 4.0   |       |

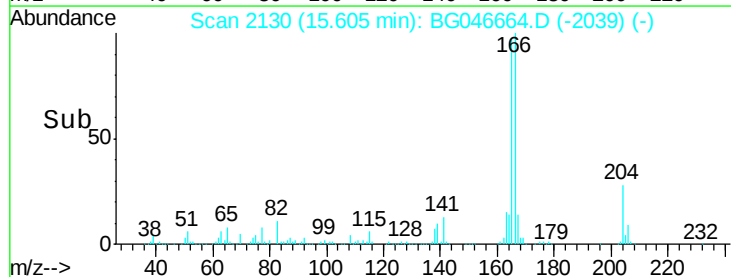
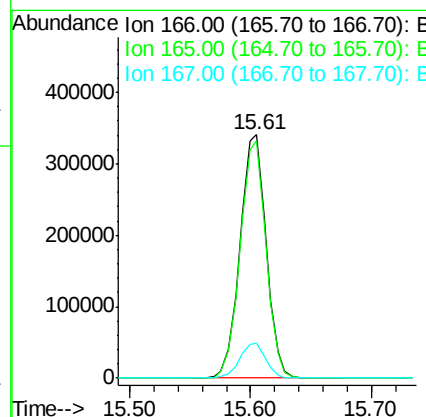
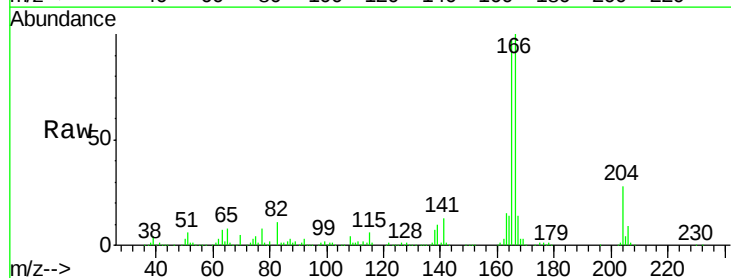
Manual Integrations  
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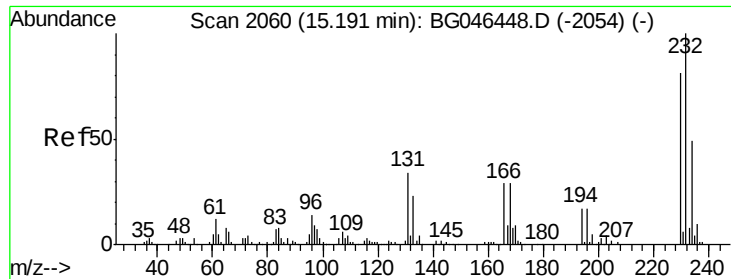
mohammad  
9/21/2020 10:31:56 AM



#58  
Fluorene  
Concen: 38.473 ng  
RT: 15.61 min Scan# 2130  
Delta R.T. 0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 513438 |       |       |
| 165     | 97.4  | 77.2   | 115.8 |       |
| 167     | 14.2  | 11.4   | 17.2  |       |





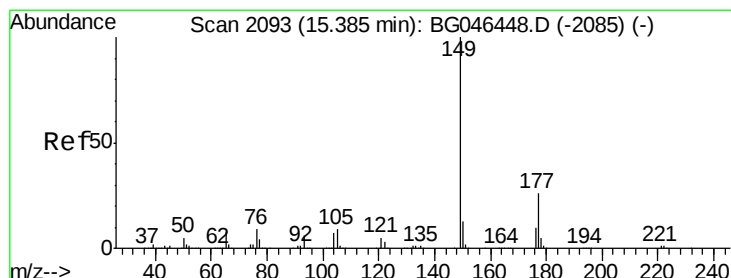
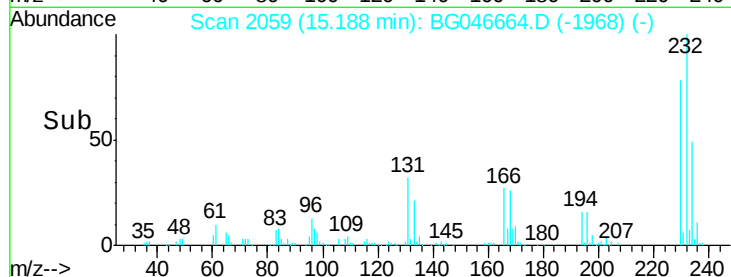
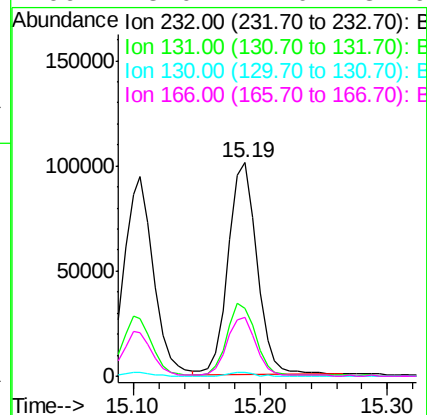
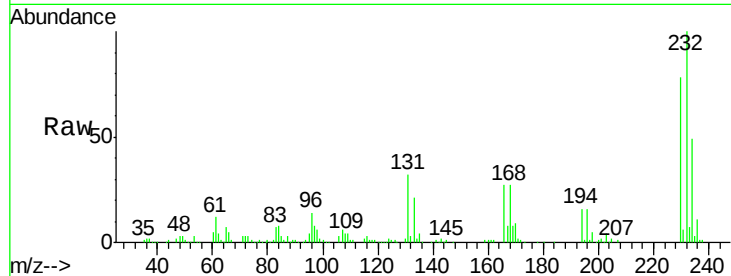
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.409 ng  
 RT: 15.19 min Scan# 2059  
 Delta R.T. 0.01 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 159877 |       |       |
| 131     | 33.5  | 26.6   | 40.0  |       |
| 130     | 1.7   | 1.4    | 2.0   |       |
| 166     | 28.0  | 21.0   | 31.6  |       |

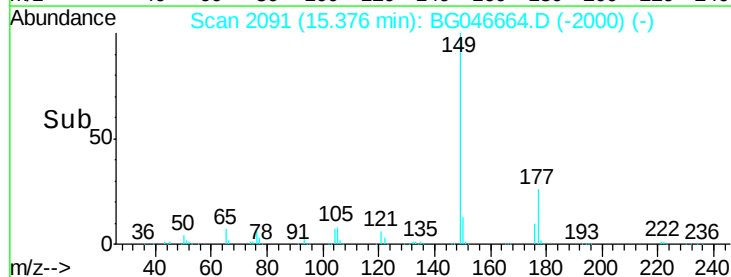
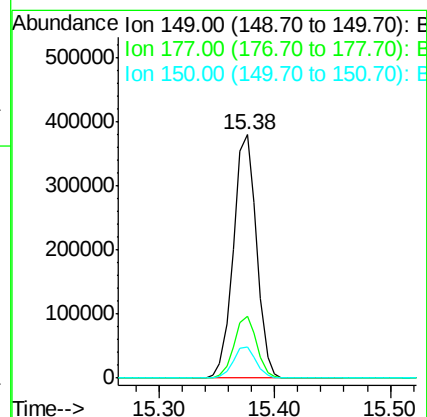
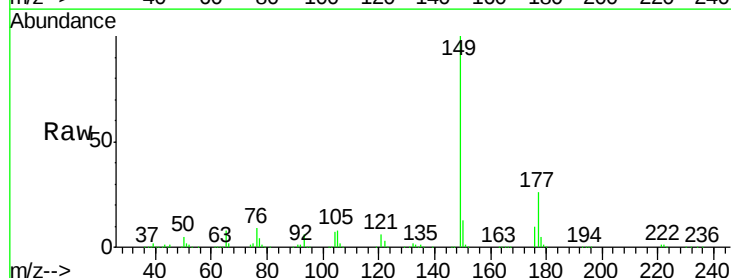
Manual Integrations  
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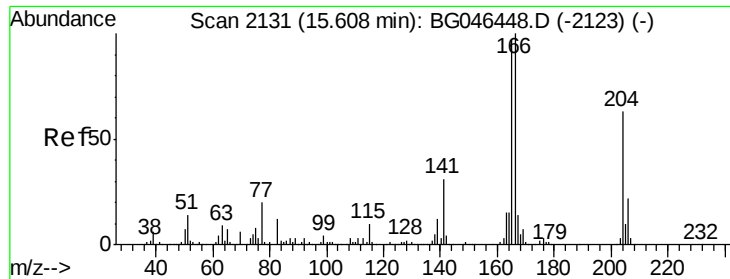
mohammad  
 9/21/2020 10:31:56 AM



#60  
 Diethylphthalate  
 Concen: 38.889 ng  
 RT: 15.38 min Scan# 2091  
 Delta R.T. 0.01 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 524153 |       |       |
| 177     | 25.6  | 21.4   | 32.2  |       |
| 150     | 12.7  | 10.7   | 16.1  |       |





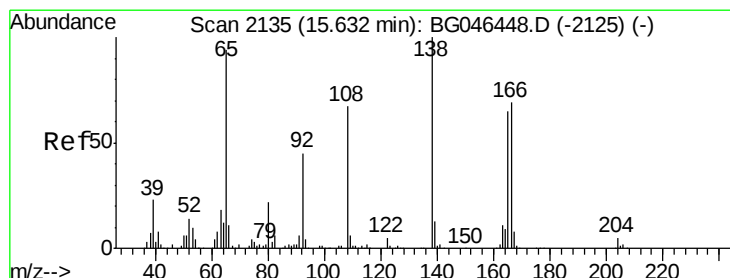
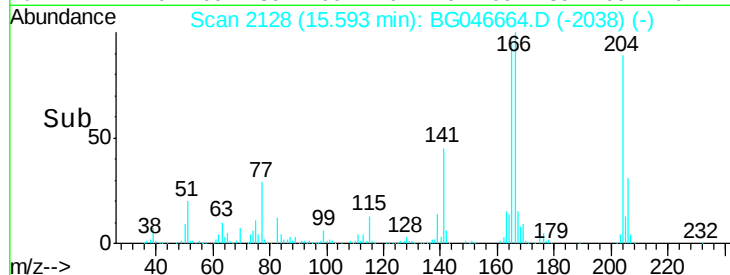
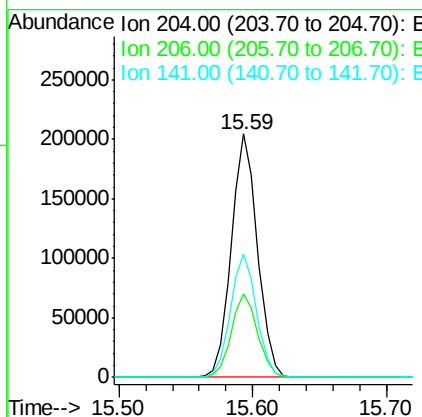
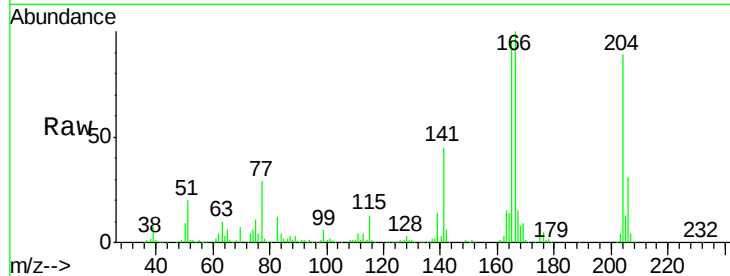
#61  
4-Chlorophenyl-phenylether  
Concen: 37.892 ng  
RT: 15.59 min Scan# 2128  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 278499 |       |       |
| 206     | 34.5  |        | 27.8  | 41.8  |
| 141     | 50.9  |        | 41.5  | 62.3  |

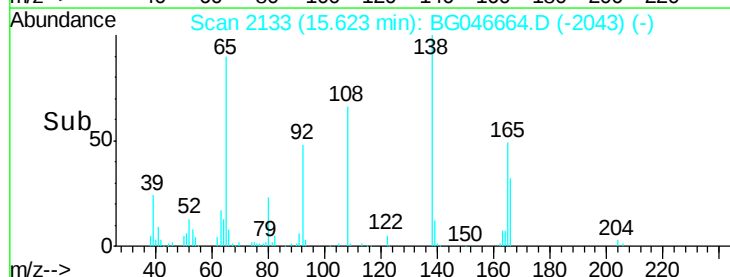
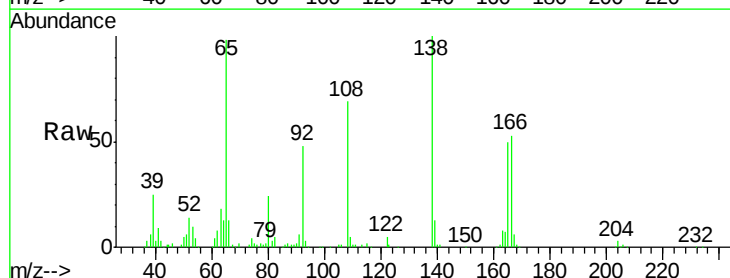
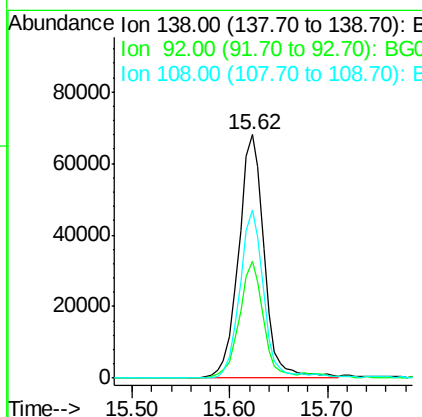
Manual Integrations  
APPROVED

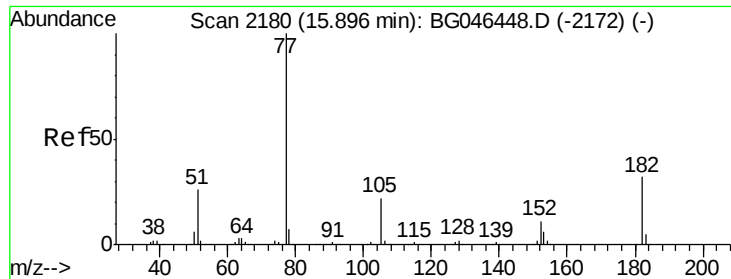
mohammad  
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#62  
4-Nitroaniline  
Concen: 35.770 ng  
RT: 15.62 min Scan# 2133  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 124580 |       |       |
| 92      | 47.9  |        | 26.9  | 66.9  |
| 108     | 69.0  |        | 49.4  | 89.4  |





#63

Azobenzene

Concen: 39.707 ng

RT: 15.89 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

ClientSampleId :

PB131690BS

Tot Ion: 77 Resp: 435329

Ion Ratio Lower Upper

77 100

182 33.7 14.0 54.0

105 22.6 3.0 43.0

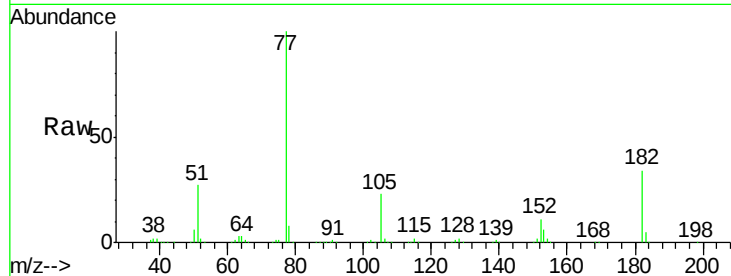
51 26.7 8.1 48.1

Manual Integrations

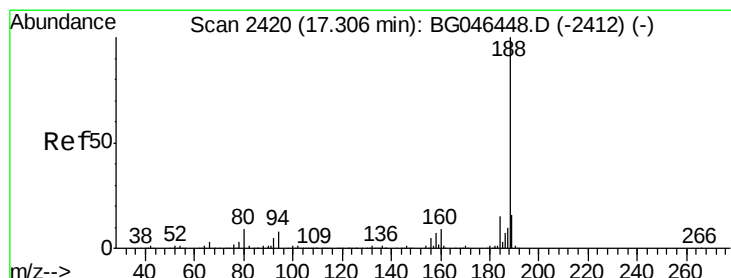
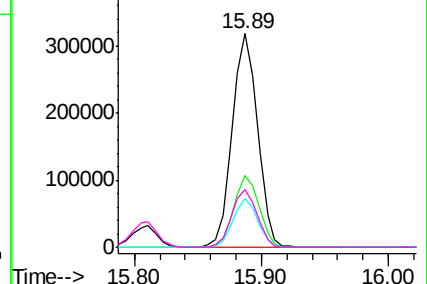
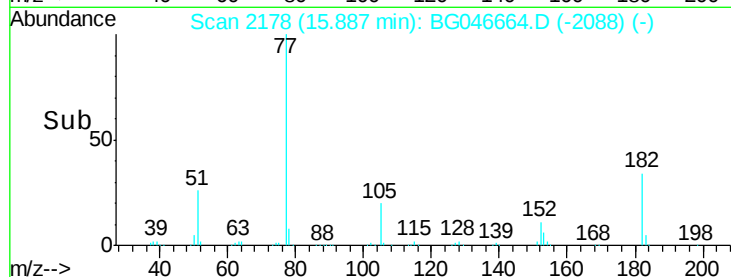
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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

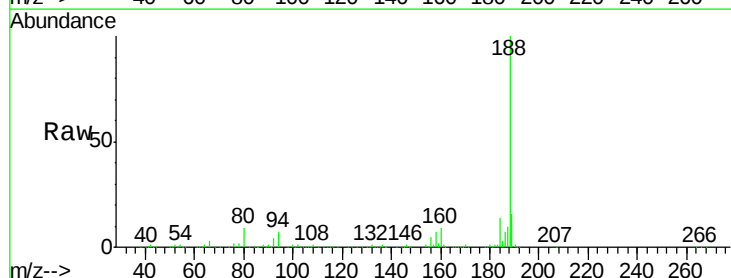
Tgt Ion: 188 Resp: 444160

Ion Ratio Lower Upper

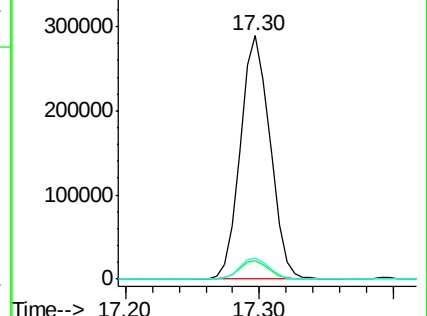
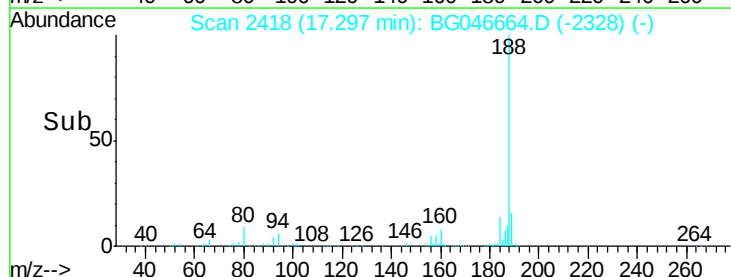
188 100

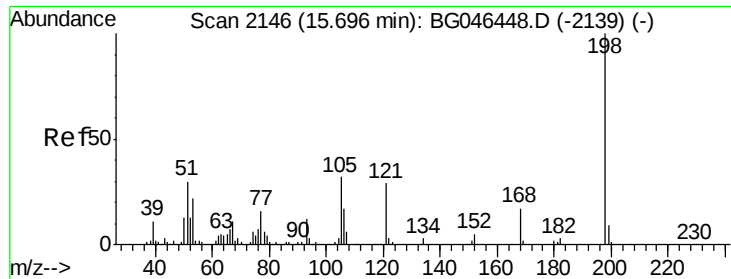
94 7.4 6.3 9.5

80 8.7 7.0 10.6



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: 43.707 ng

RT: 15.69 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

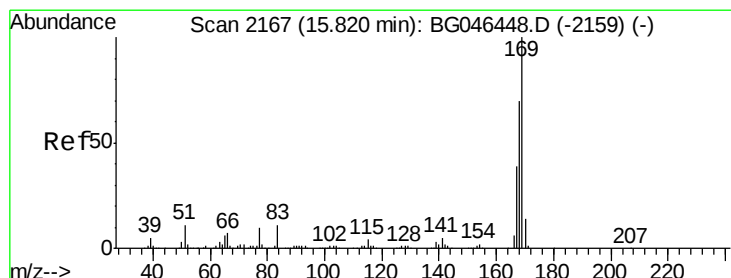
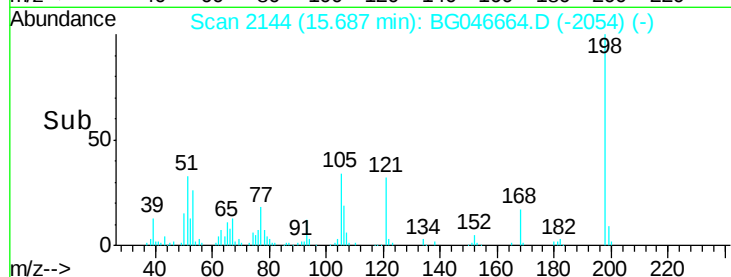
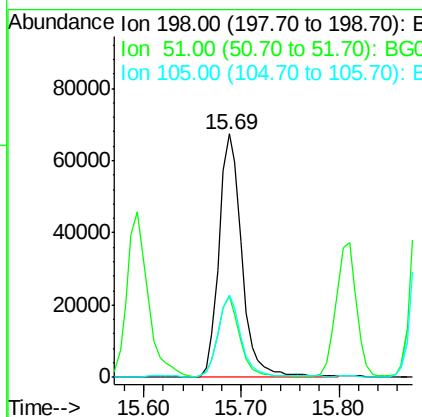
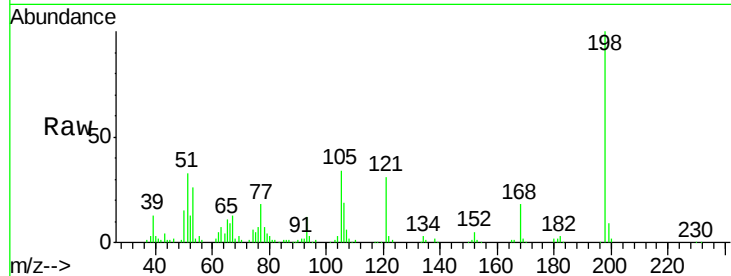
ClientSampleId :

PB131690BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 109877 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 33.0  | 10.4  | 50.4   |
| 105       | 33.9  | 12.9  | 52.9   |

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#66

n-Nitrosodiphenylamine

Concen: 39.580 ng

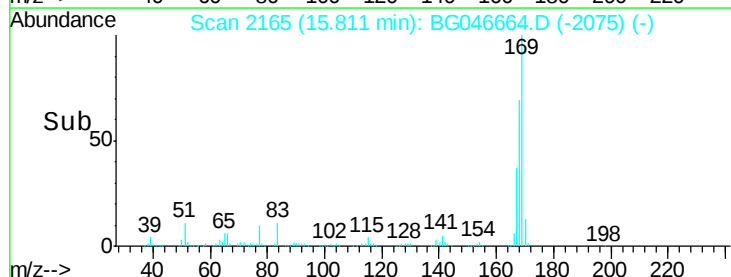
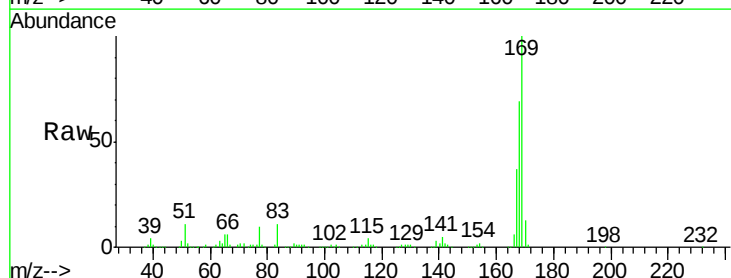
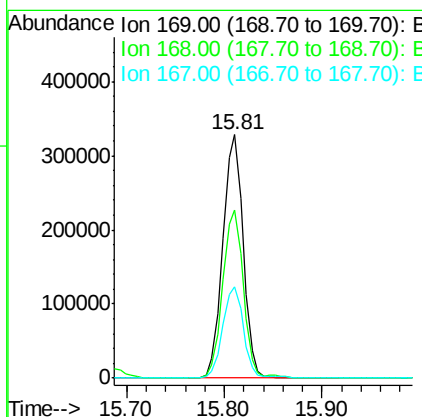
RT: 15.81 min Scan# 2165

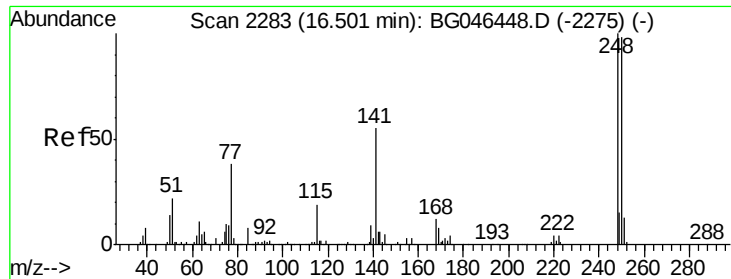
Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 474264 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.2  | 55.5  | 83.3   |
| 167       | 37.3  | 30.5  | 45.7   |





#67

4-Bromophenyl-phenylether

Concen: 37.701 ng

RT: 16.49 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

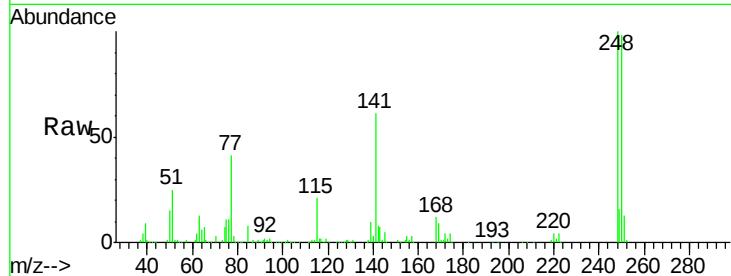
ClientSampleId :

PB131690BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 195363 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.3  | 78.9  | 118.3  |
| 141       | 61.4  | 46.2  | 69.4   |

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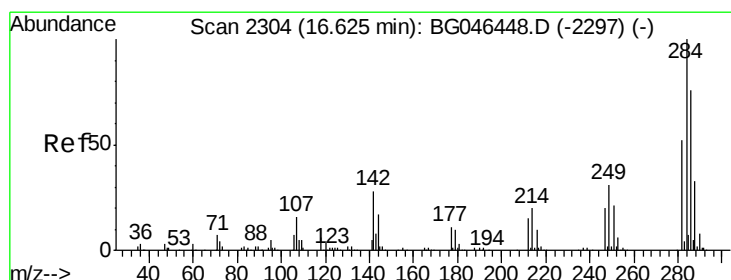
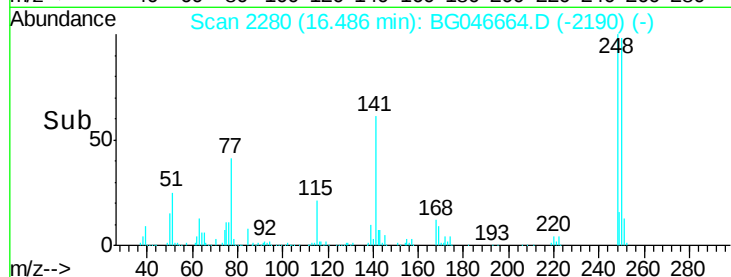
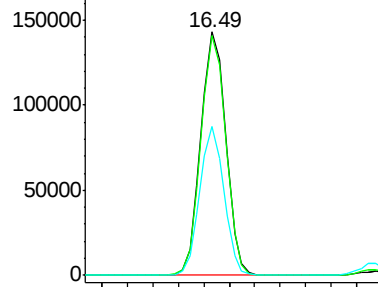


Abundance

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: 36.341 ng

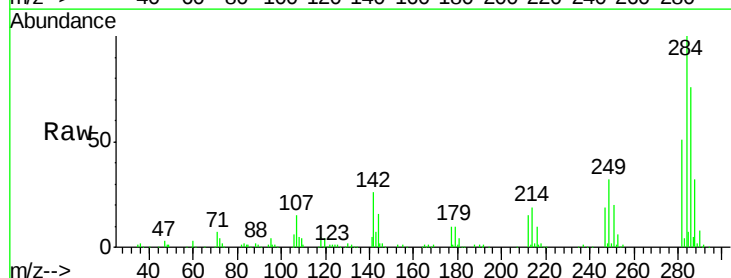
RT: 16.62 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 208557 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 25.5  | 21.1  | 31.7   |
| 249       | 31.5  | 25.9  | 38.9   |

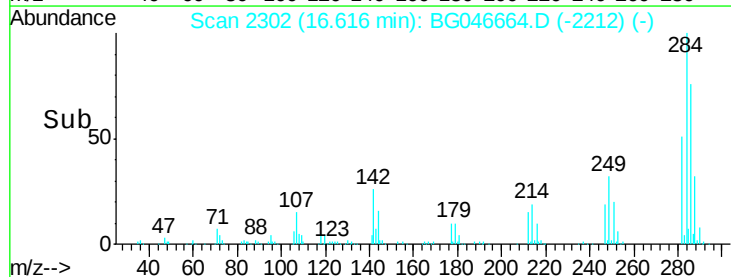
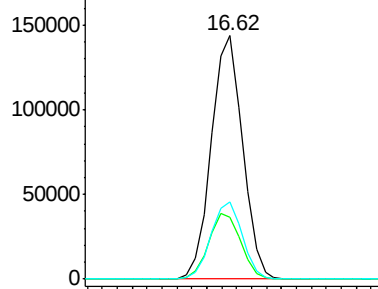


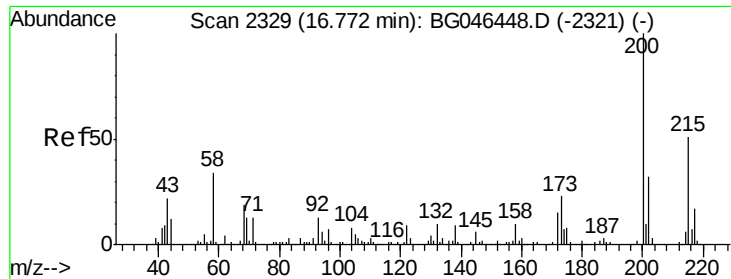
Abundance

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





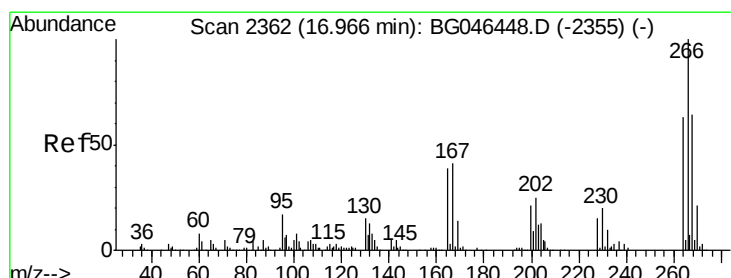
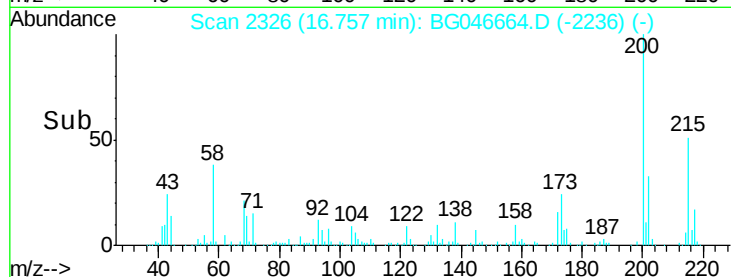
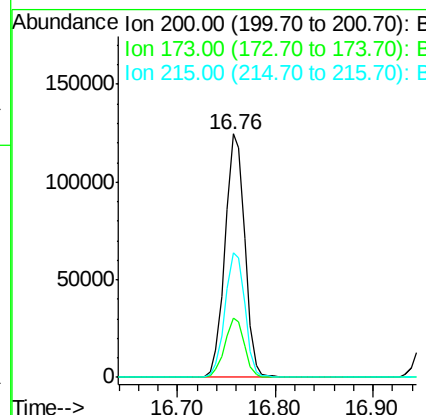
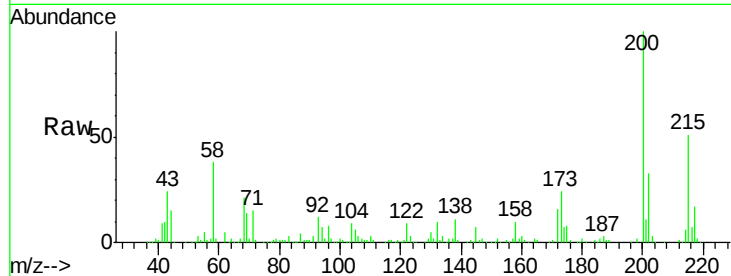
#69  
Atrazine  
Concen: 35.862 ng  
RT: 16.76 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 175302 |       |       |
| 173     | 24.3  | 4.2    | 44.2  |       |
| 215     | 50.9  | 30.0   | 70.0  |       |

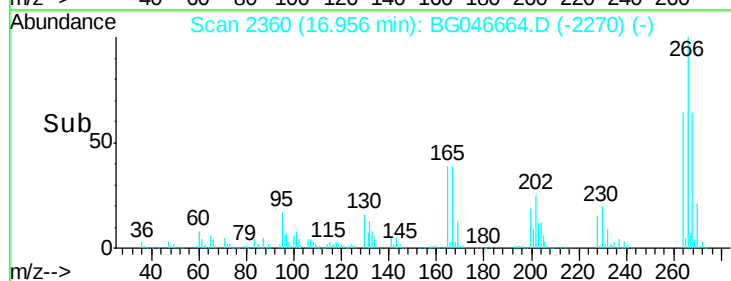
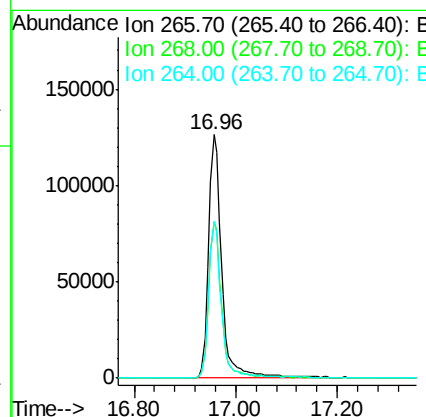
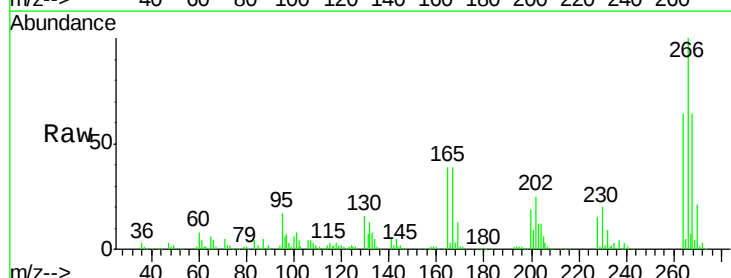
Manual Integrations  
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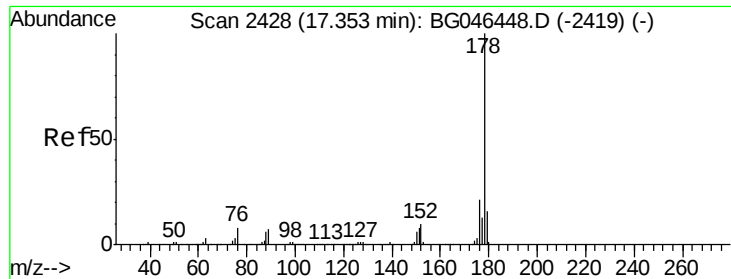
mohammad  
9/21/2020 10:31:56 AM



#70  
Pentachlorophenol  
Concen: 77.091 ng  
RT: 16.96 min Scan# 2360  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 231152 |       |       |
| 268     | 64.1  | 49.8   | 74.6  |       |
| 264     | 64.1  | 49.3   | 73.9  |       |





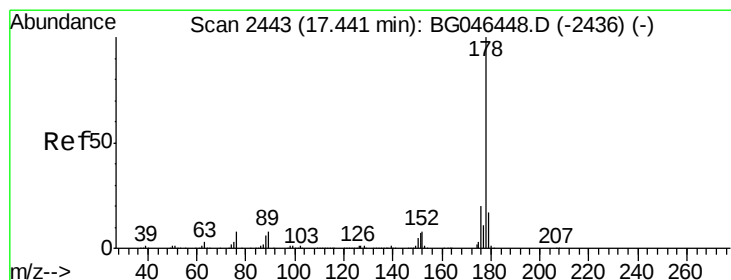
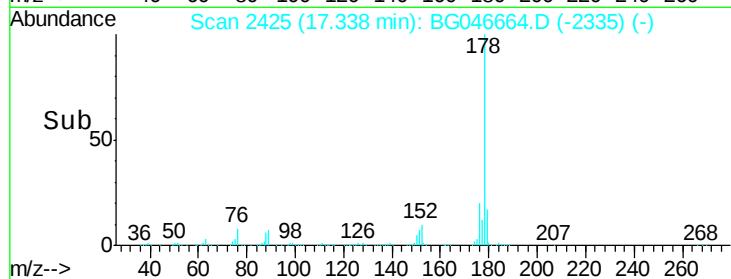
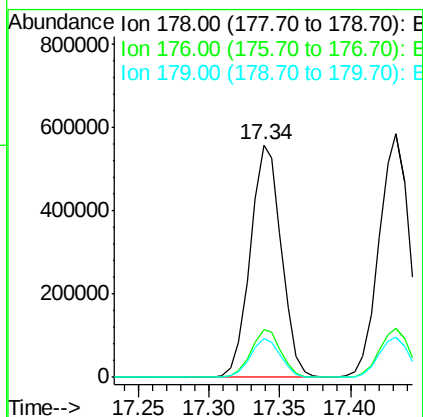
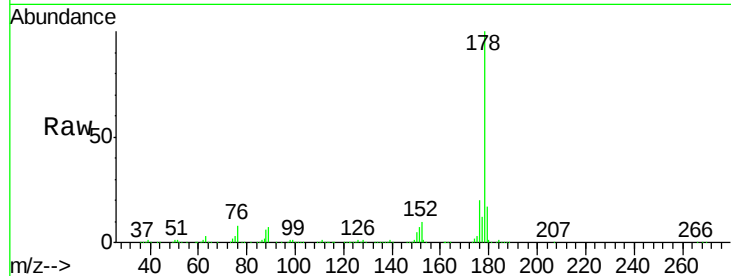
#71  
Phenanthrene  
Concen: 38.183 ng  
RT: 17.34 min Scan# 2425  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 178     | 100  |       | 859610 |       |       |
| 176     | 20.5 | 16.7  |        | 25.1  |       |
| 179     | 16.5 | 14.0  |        | 21.0  |       |

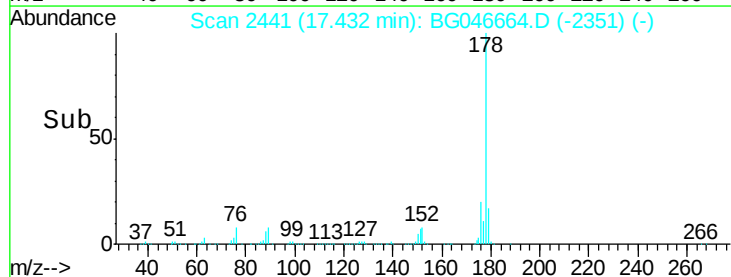
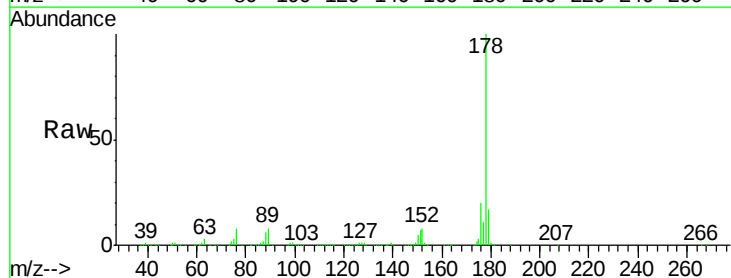
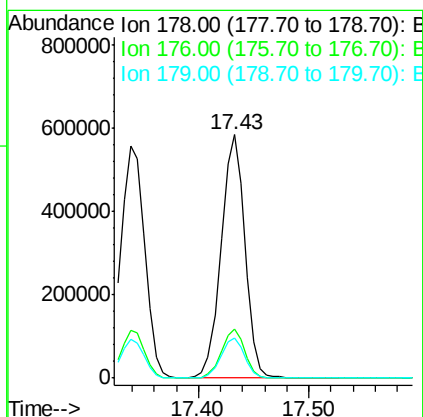
Manual Integrations  
APPROVED

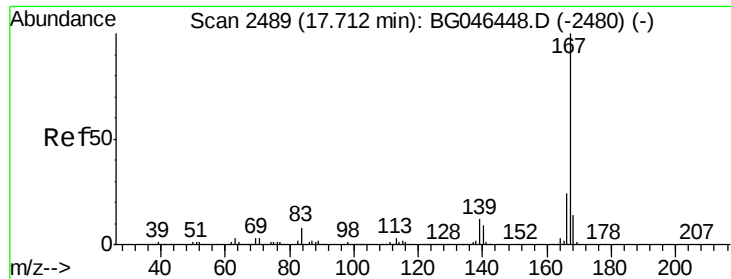
mohammad  
9/21/2020 10:31:56 AM



#72  
Anthracene  
Concen: 39.477 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 178     | 100  |       | 876878 |       |       |
| 176     | 20.4 | 16.4  |        | 24.6  |       |
| 179     | 16.7 | 13.8  |        | 20.6  |       |





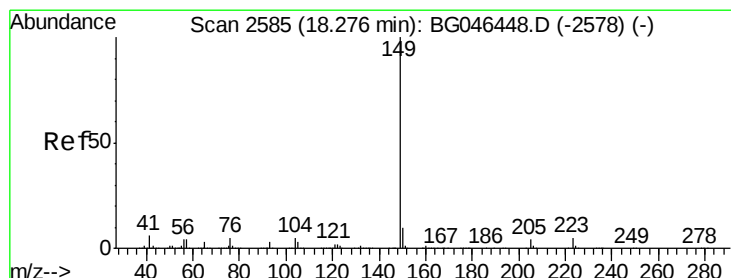
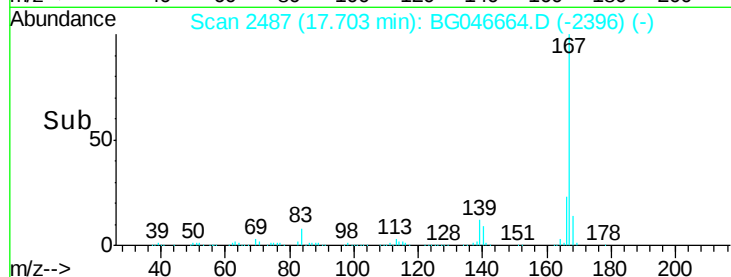
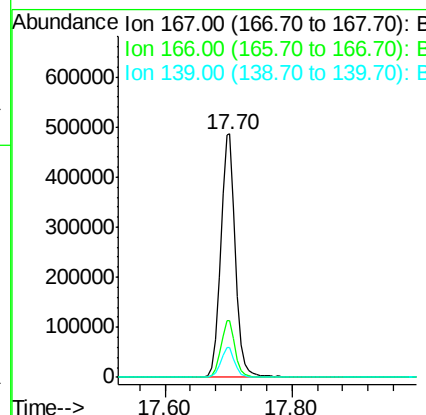
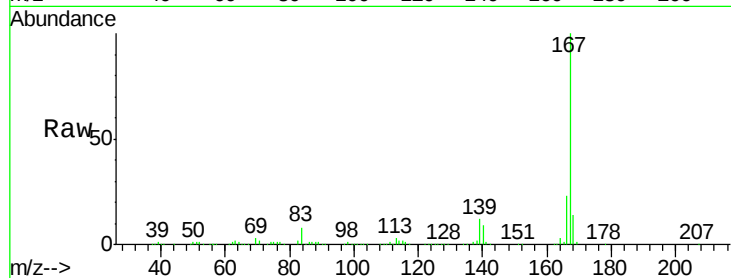
#73  
 Carbazole  
 Concen: 38.463 ng  
 RT: 17.70 min Scan# 2487  
 Delta R.T. 0.01 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.4  | 18.7  | 28.1  |
| 139     | 12.1  | 9.6   | 14.4  |

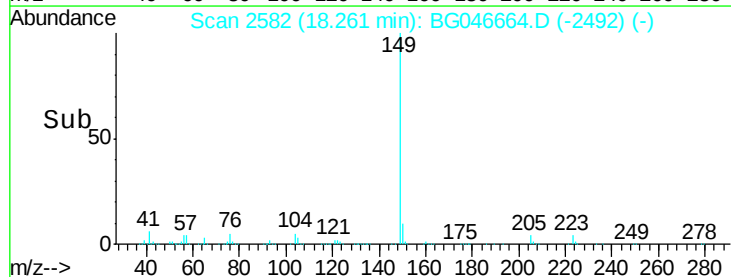
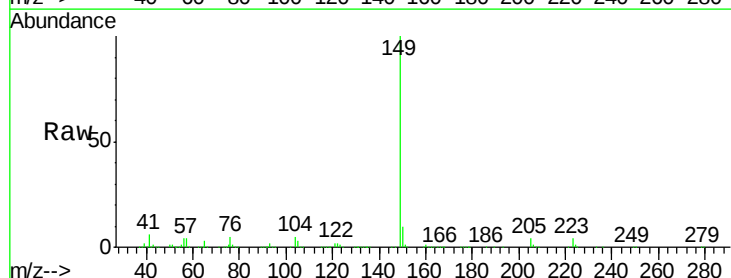
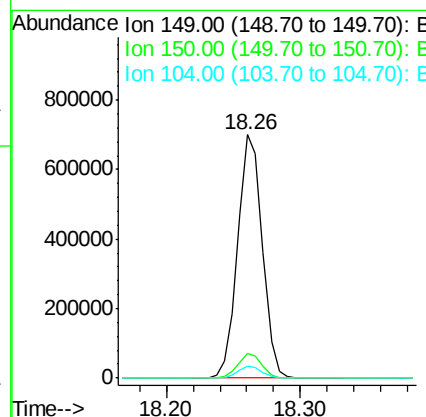
Manual Integrations  
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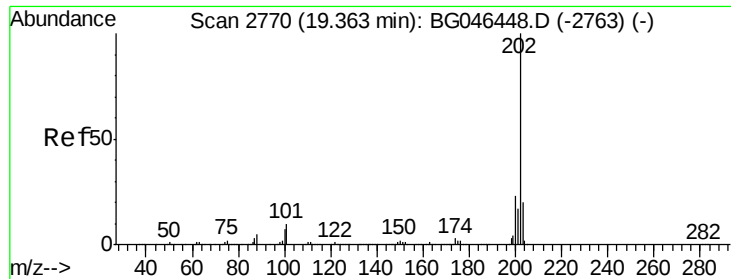
mohammad  
 9/21/2020 10:31:56 AM



#74  
 Di-n-butylphthalate  
 Concen: 37.426 ng  
 RT: 18.26 min Scan# 2582  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 8.2   | 12.4  |
| 104     | 4.8   | 3.8   | 5.8   |





#75

Fluoranthene

Concen: 37.328 ng

RT: 19.35 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

ClientSampleId :

PB131690BS

Tot Ion:202 Resp: 1081479

Ion Ratio Lower Upper

202 100

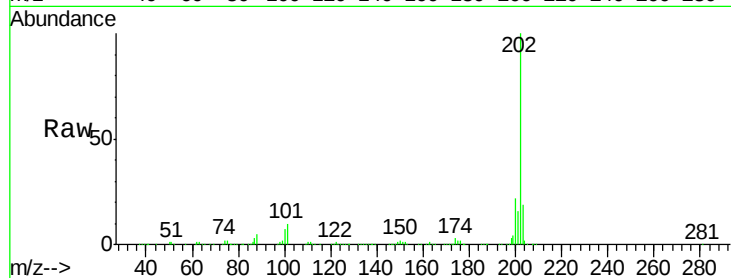
101 9.9 0.0 29.7

203 19.3 0.0 39.2

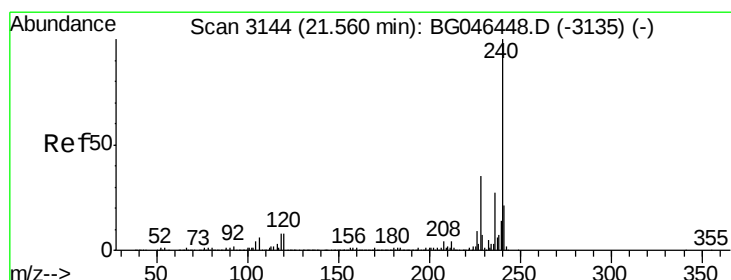
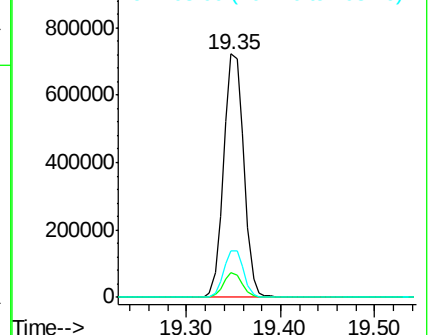
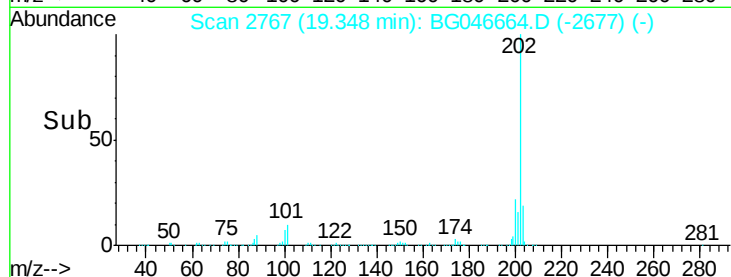
Manual Integrations  
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

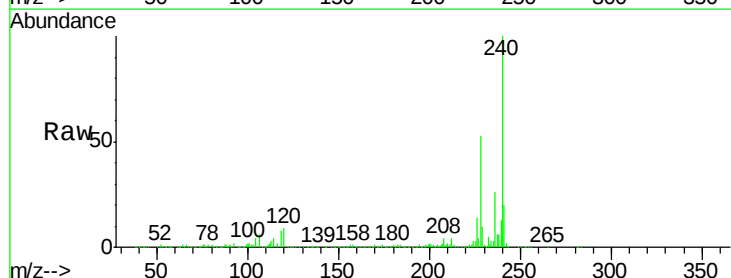
Tgt Ion:240 Resp: 441914

Ion Ratio Lower Upper

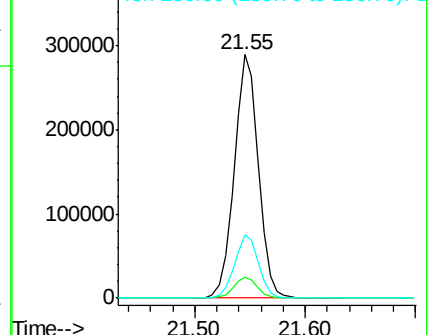
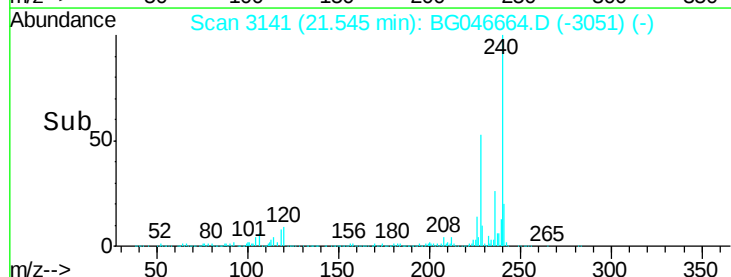
240 100

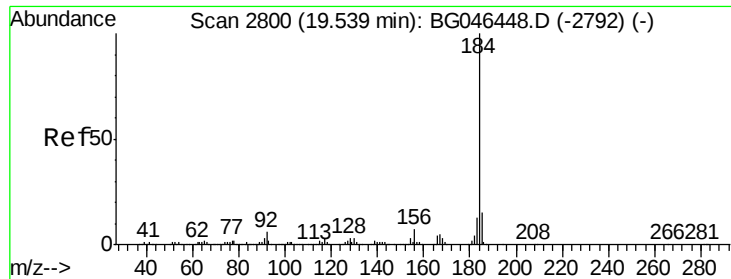
120 8.5 6.2 9.4

236 26.0 20.5 30.7



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





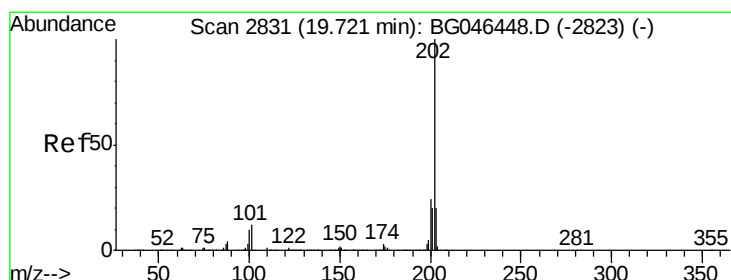
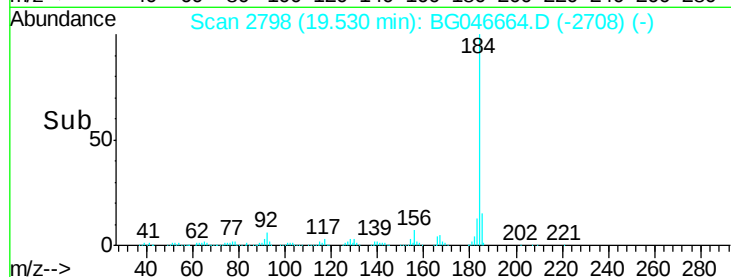
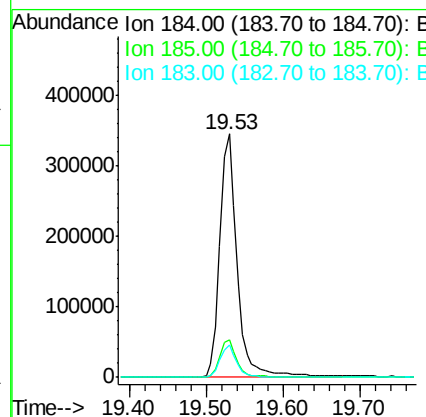
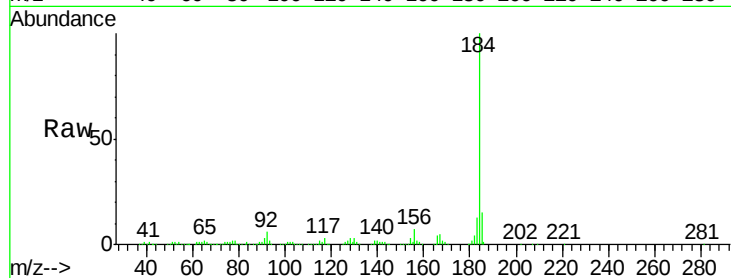
#77  
Benzidine  
Concen: 52.362 ng  
RT: 19.53 min Scan# 2798  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.4  | 12.4  | 18.6  |
| 183     | 13.4  | 10.6  | 15.8  |

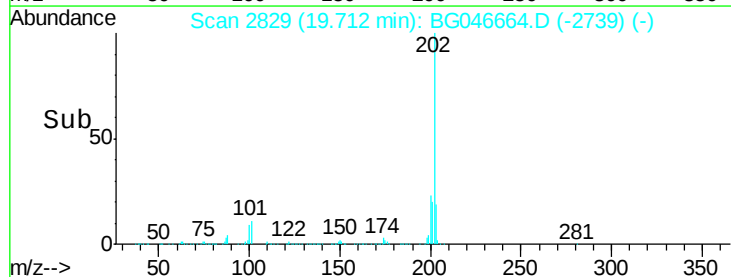
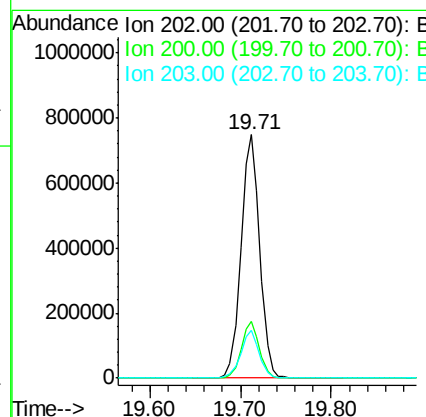
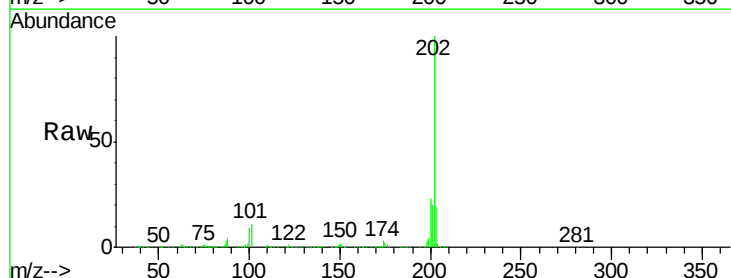
Manual Integrations  
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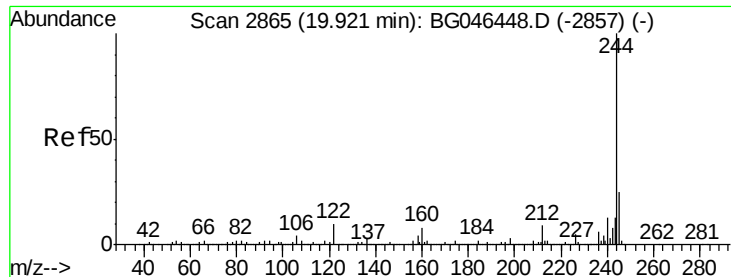
mohammad  
9/21/2020 10:31:56 AM



#78  
Pyrene  
Concen: 38.272 ng  
RT: 19.71 min Scan# 2829  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.2  | 18.6  | 27.8  |
| 203     | 19.4  | 15.3  | 22.9  |





#79

Terphenyl-d14

Concen: 64.829 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

ClientSampleId :

PB131690BS

Tot Ion:244 Resp: 1346163

Ion Ratio Lower Upper

244 100

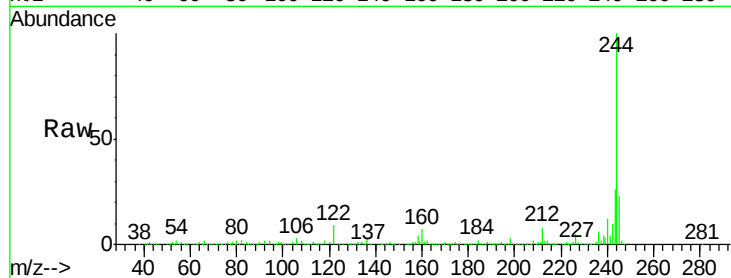
212 8.2 6.7 10.1

122 9.3 7.8 11.6

Manual Integrations  
APPROVED

mohammad

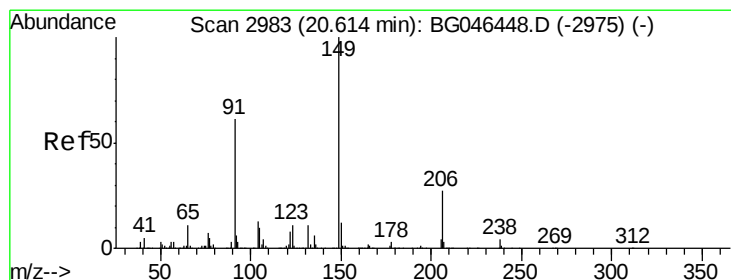
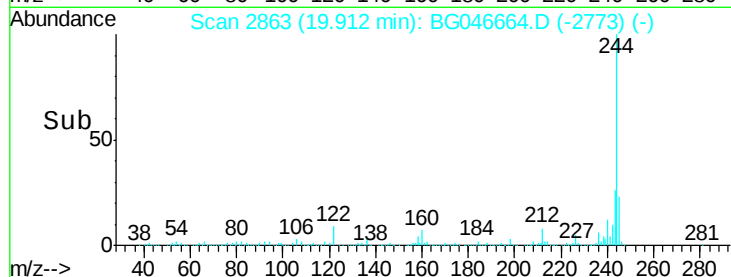
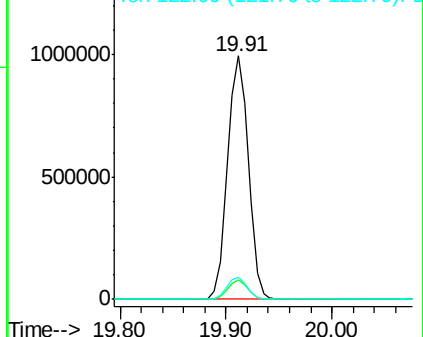
9/21/2020 10:31:56 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.463 ng

RT: 20.60 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

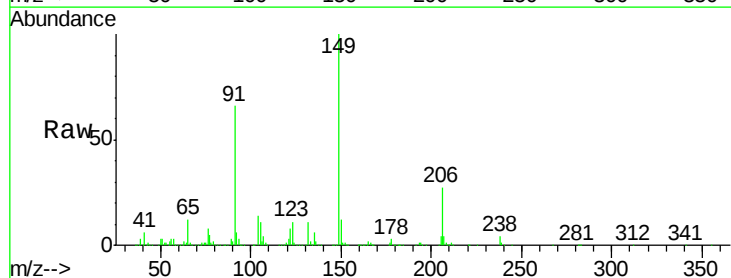
Tgt Ion:149 Resp: 411215

Ion Ratio Lower Upper

149 100

91 65.7 51.5 77.3

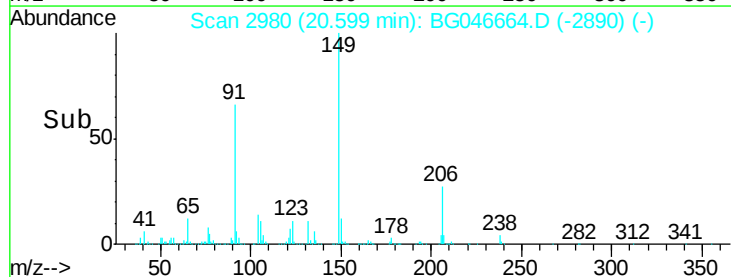
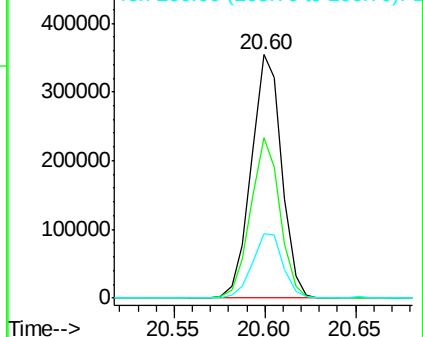
206 26.5 21.2 31.8

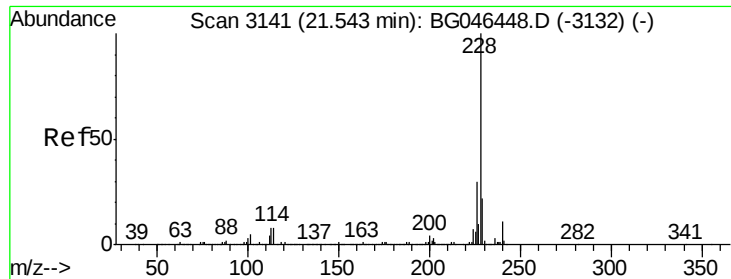


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





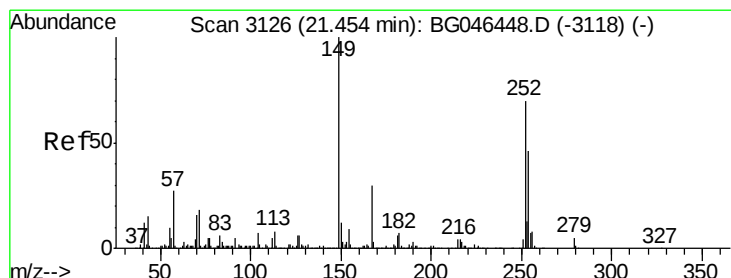
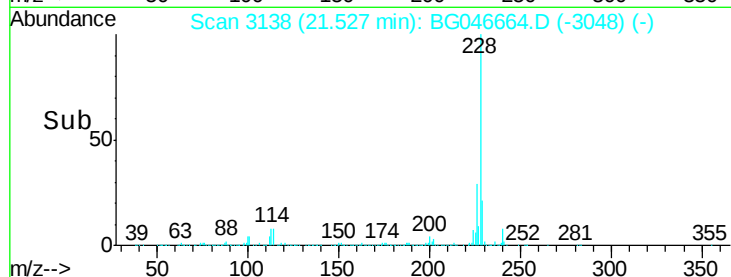
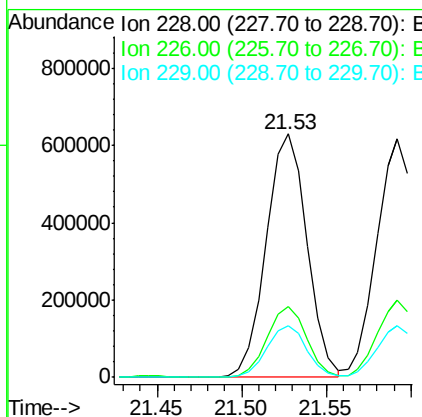
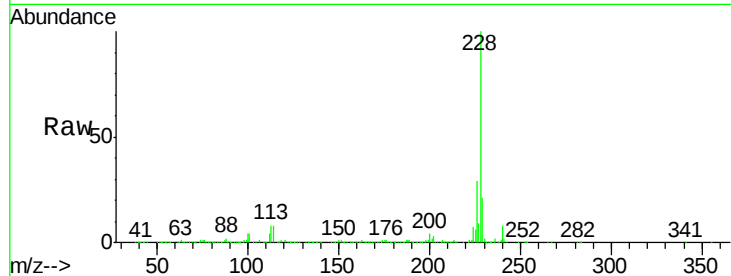
#81  
Benzo(a)anthracene  
Concen: 38.216 ng  
RT: 21.53 min Scan# 3138  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.9  | 23.3  | 34.9  |
| 229     | 21.3  | 17.4  | 26.0  |

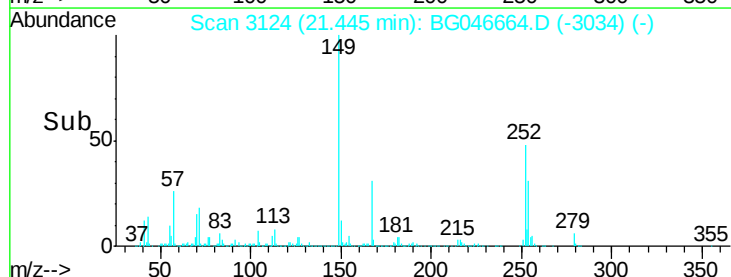
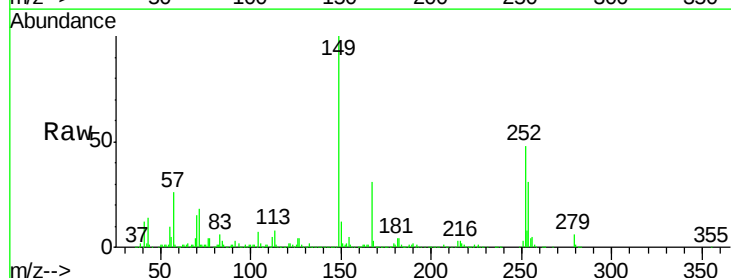
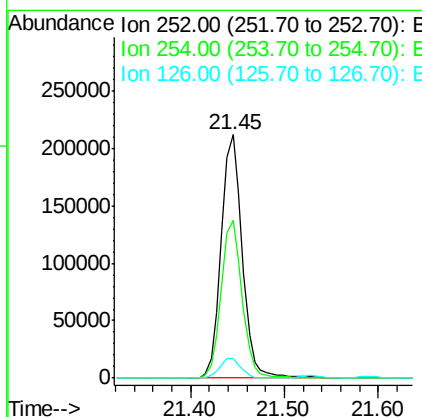
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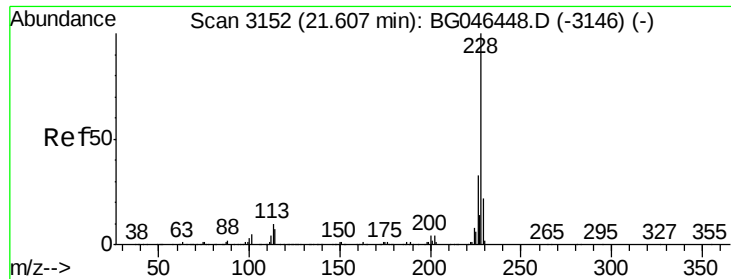
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 32.560 ng  
RT: 21.45 min Scan# 3124  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.0  | 53.2  | 79.8  |
| 126     | 8.1   | 6.8   | 10.2  |





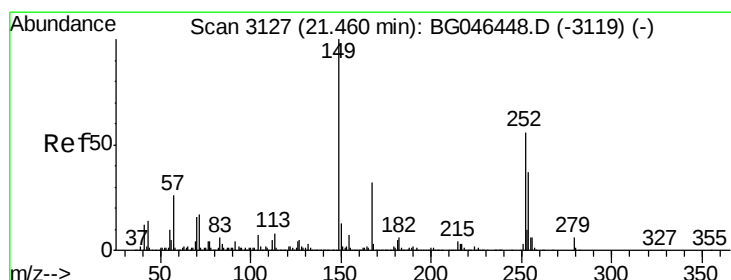
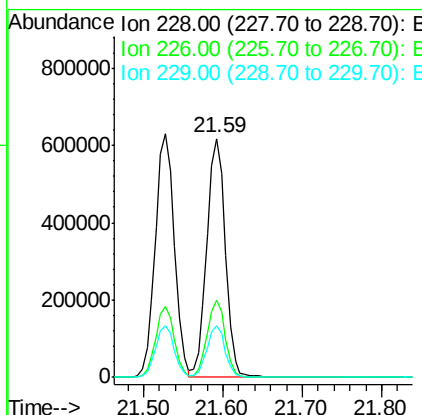
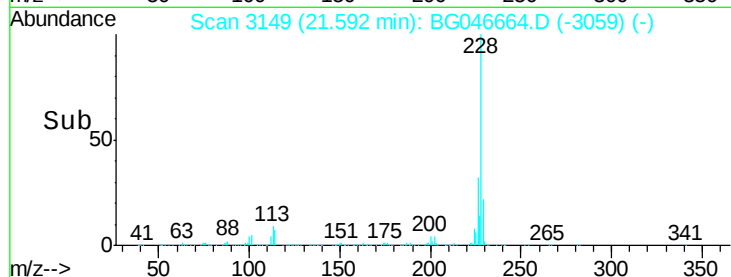
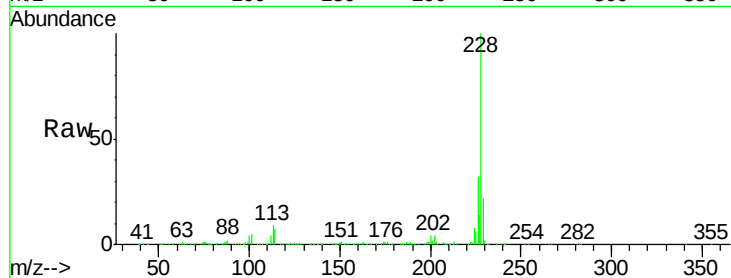
#83  
 Chrysene  
 Concen: 37.985 ng  
 RT: 21.59 min Scan# 3149  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.3  | 25.0  | 37.4  |
| 229     | 21.6  | 17.3  | 25.9  |

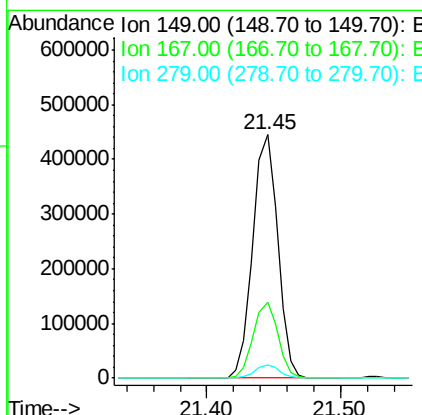
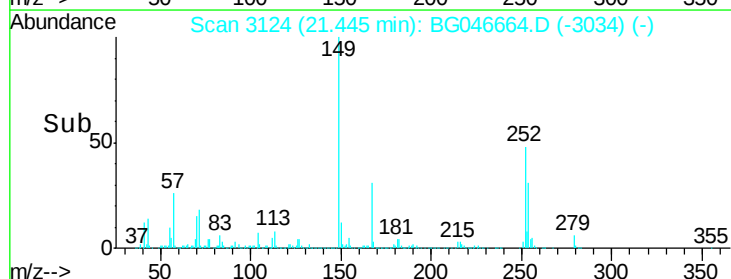
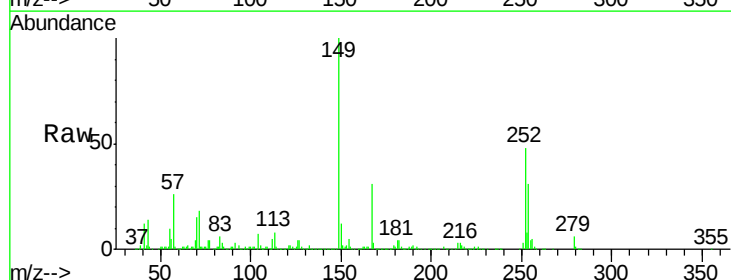
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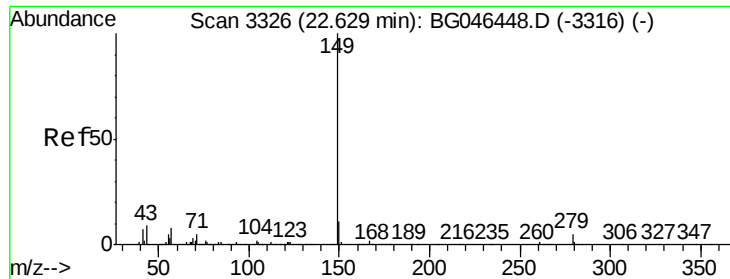
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.168 ng  
 RT: 21.45 min Scan# 3124  
 Delta R.T. 0.00 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.1  | 24.8  | 37.2  |
| 279     | 5.6   | 4.6   | 7.0   |





#85

Di-n-octyl phthalate

Concen: 38.931 ng

RT: 22.61 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BG046664.D

Acq: 17 Sep 2020 17:09

Instrument :

BNA\_G

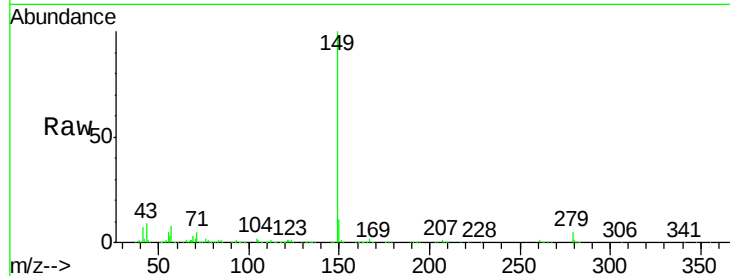
ClientSampleId :

PB131690BS

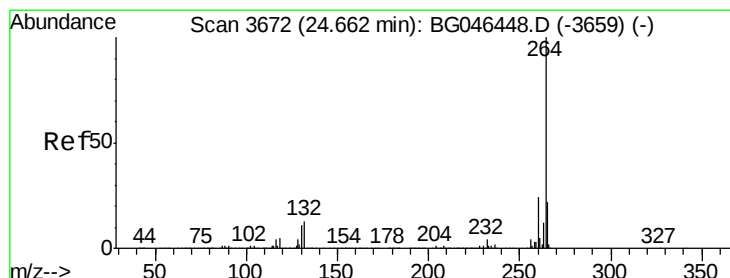
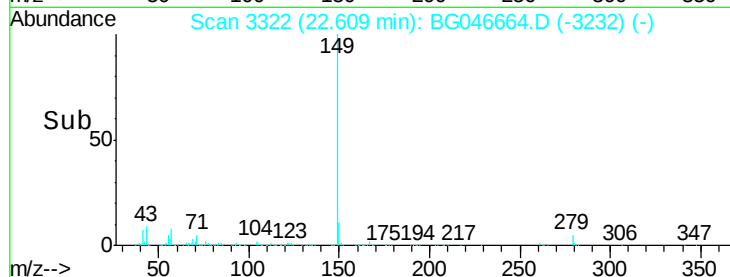
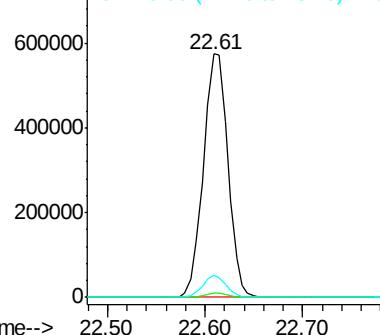
|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 149 | Resp: | 998533 |
| Ion Ratio |     | Lower | Upper  |
| 149       | 100 |       |        |
| 167       | 1.8 | 1.4   | 2.2    |
| 43        | 8.6 | 6.8   | 10.2   |

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



#86

Perylene-d12

Concen: 20.000 ng

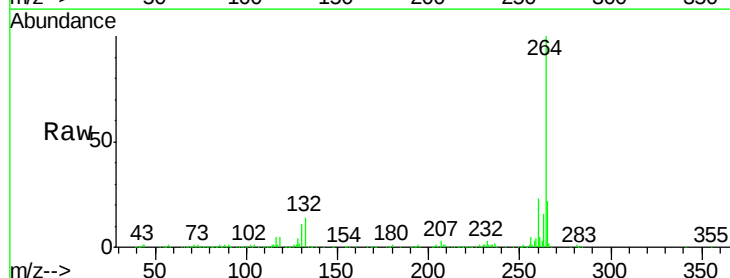
RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

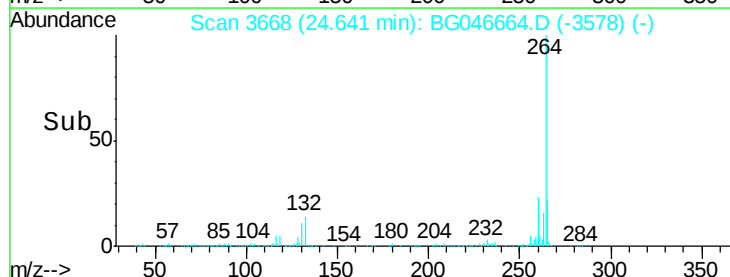
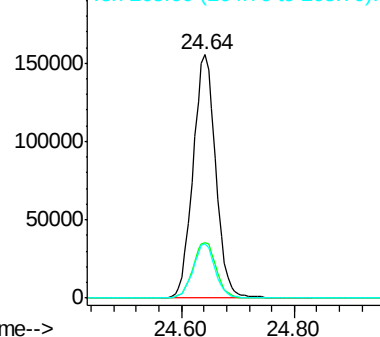
Lab File: BG046664.D

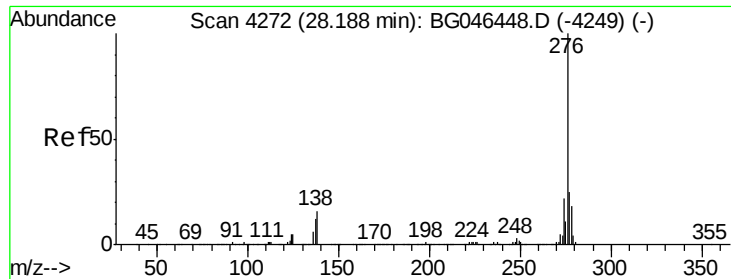
Acq: 17 Sep 2020 17:09

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 433105 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 23.0 | 18.8  | 28.2   |
| 265       | 22.1 | 17.8  | 26.8   |



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





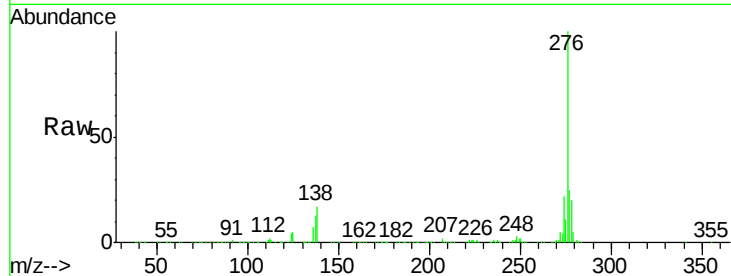
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.480 ng  
 RT: 28.16 min Scan# 4266  
 Delta R.T. 0.01 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131690BS

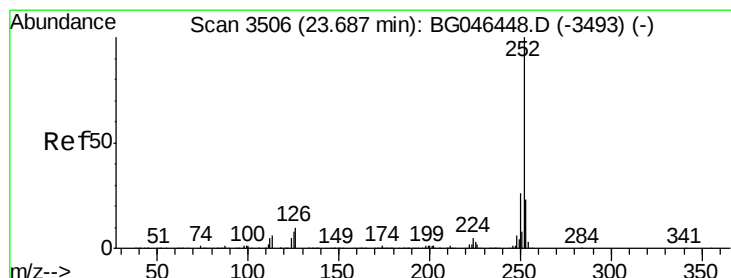
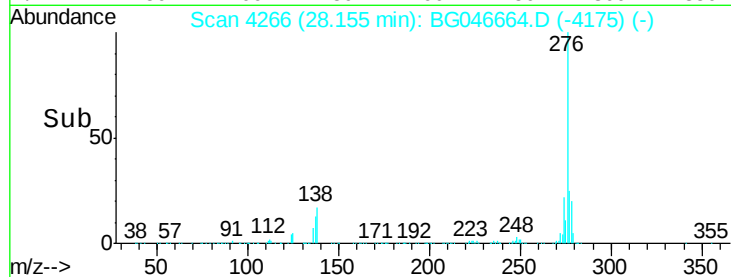
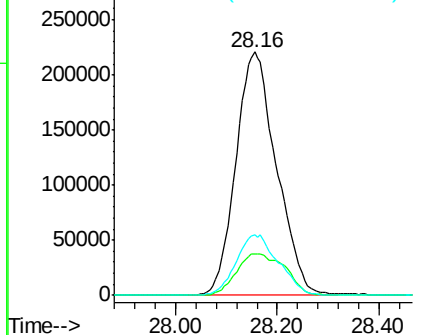
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.6  | 16.2  | 24.2  |
| 277     | 25.9  | 20.3  | 30.5  |

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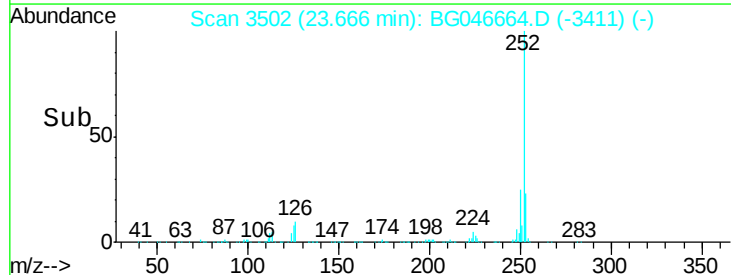
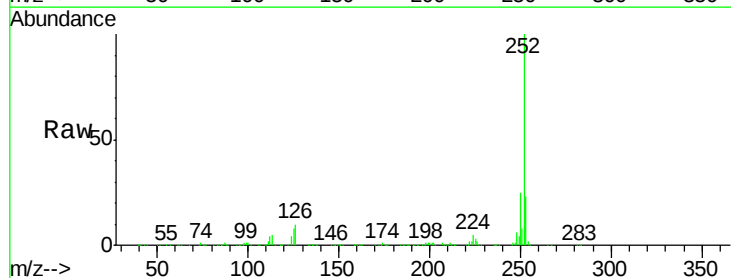
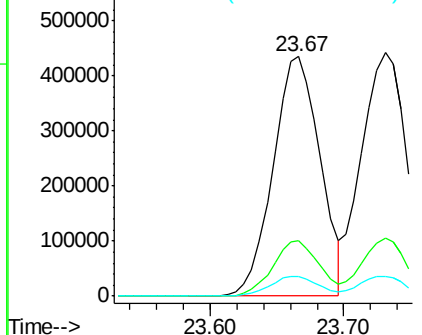
Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

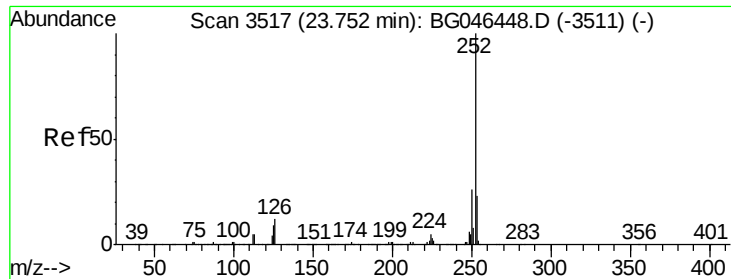


#88  
 Benzo(b)fluoranthene  
 Concen: 39.227 ng  
 RT: 23.67 min Scan# 3502  
 Delta R.T. 0.01 min  
 Lab File: BG046664.D  
 Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.7  | 28.1  |
| 125     | 8.3   | 6.5   | 9.7   |

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





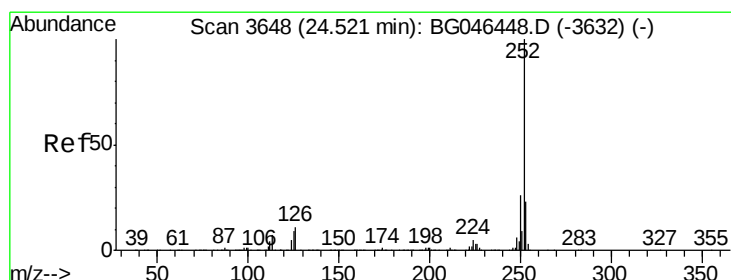
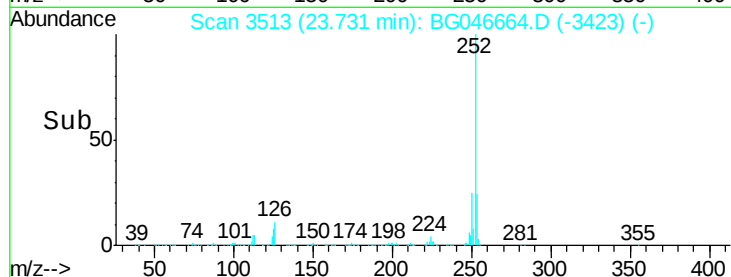
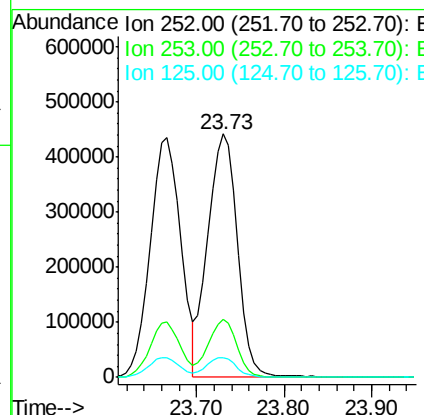
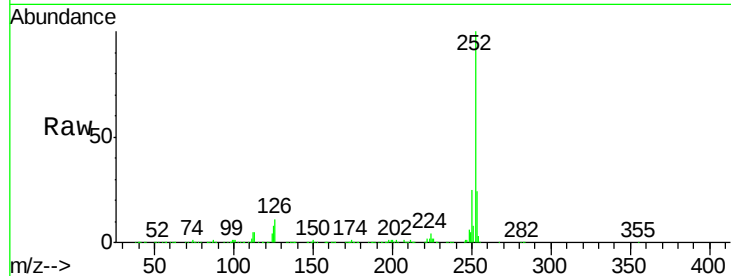
#89  
Benzo(k)fluoranthene  
Concen: 39.870 ng  
RT: 23.73 min Scan# 3513  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 18.6  | 27.8  |
| 125     | 8.2   | 6.8   | 10.2  |

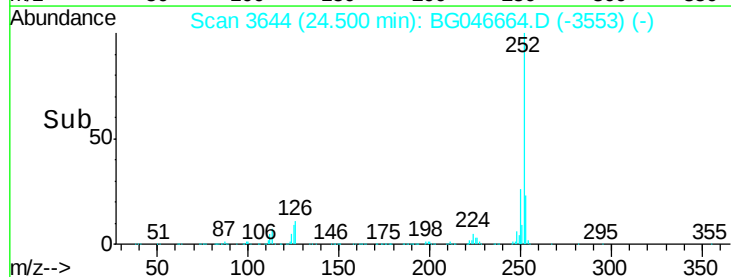
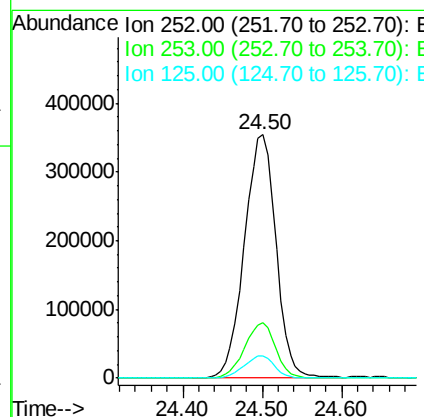
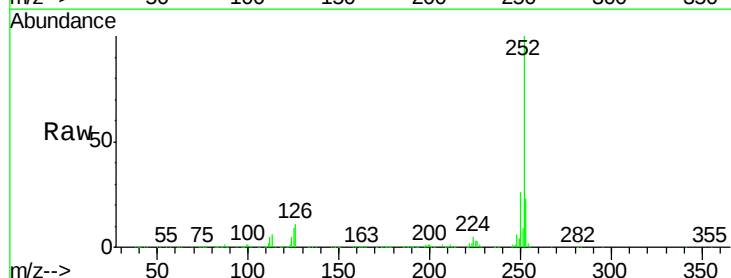
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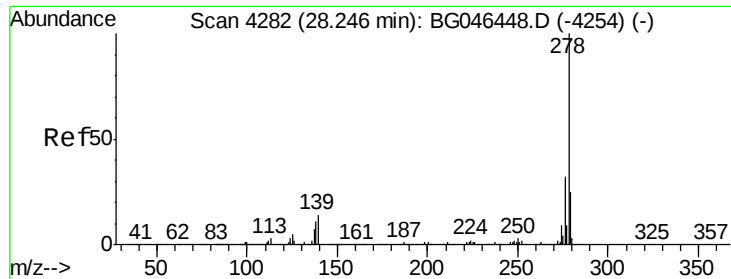
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#90  
Benzo(a)pyrene  
Concen: 38.924 ng  
RT: 24.50 min Scan# 3644  
Delta R.T. 0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.9  | 26.9  |
| 125     | 9.2   | 7.0   | 10.4  |





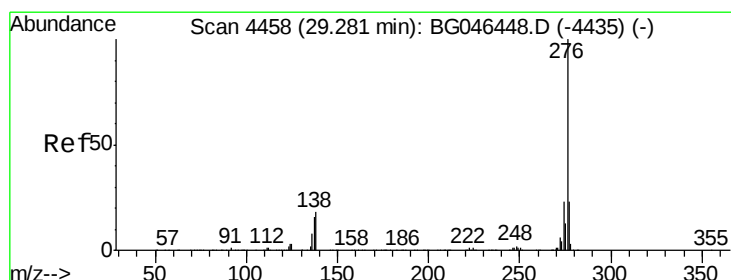
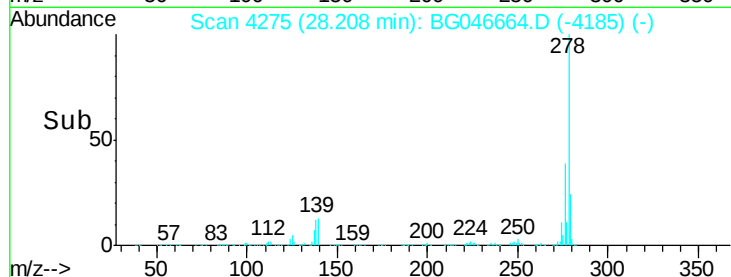
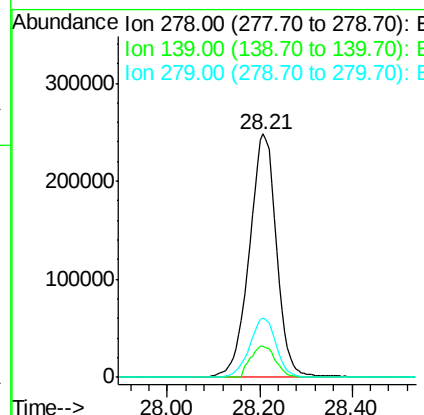
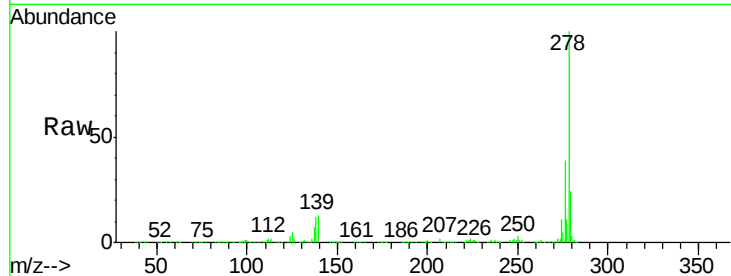
#91  
Dibenzo(a,h)anthracene  
Concen: 40.455 ng  
RT: 28.21 min Scan# 4275  
Delta R.T. 0.00 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

Instrument :  
BNA\_G  
ClientSampleId :  
PB131690BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 278     | 100  |       |       |       |
| 139     | 12.6 | 10.5  | 15.7  |       |
| 279     | 24.4 | 19.4  | 29.0  |       |

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#92  
Benzo(g,h,i)perylene  
Concen: 41.405 ng  
RT: 29.25 min Scan# 4453  
Delta R.T. 0.01 min  
Lab File: BG046664.D  
Acq: 17 Sep 2020 17:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 276     | 100  |       |       |       |
| 277     | 24.9 | 19.6  | 29.4  |       |
| 138     | 17.2 | 13.4  | 20.2  |       |

