

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101320\  
 Data File : BG046876.D  
 Acq On : 13 Oct 2020 16:23  
 Operator : CG/JU  
 Sample : PB132232BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB132232BSD

Manual Integrations  
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mohammad  
 10/14/2020 10:25:24 AM

Quant Time: Oct 13 17:03:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 07 11:38:17 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.104  | 152  | 60517    | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.919 | 136  | 235703   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.726 | 164  | 166330   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.470 | 188  | 422765   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12              | 21.747 | 240  | 462513   | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12              | 25.014 | 264  | 475313   | 20.00     | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.666  | 112  | 518484   | 137.25    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.258  | 99   | 684692   | 128.50    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.268  | 82   | 614285   | 138.65    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.212 | 330  | 343993   | 156.85    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.357 | 172  | 1413966  | 120.35    | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.073 | 244  | 2487146  | 107.77    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.557  | 88   | 66780    | 37.89     | ng    | # 95     |
| 3) Pyridine                   | 3.950  | 79   | 186661   | 37.43     | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.862  | 42   | 106991   | 41.00     | ng    | # 75     |
| 6) Aniline                    | 7.423  | 93   | 224758   | 34.90     | ng    | 96       |
| 8) 2-Chlorophenol             | 7.669  | 128  | 190896   | 50.71     | ng    | 92       |
| 9) Benzaldehyde               | 7.235  | 77   | 14645    | Below Cal |       | # 84     |
| 10) Phenol                    | 7.287  | 94   | 261103   | 49.23     | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 7.523  | 93   | 186594   | 45.52     | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.993  | 146  | 219660   | 45.19     | ng    | # 94     |
| 13) 1,4-Dichlorobenzene       | 8.139  | 146  | 220105   | 45.69     | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.463  | 146  | 207516   | 46.19     | ng    | 96       |
| 15) Benzyl Alcohol            | 8.339  | 79   | 198084   | 45.22     | ng    | 89       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.627  | 45   | 261499   | 36.35     | ng    | 97       |
| 17) 2-Methylphenol            | 8.539  | 107  | 167134   | 49.07     | ng    | # 91     |
| 18) Hexachloroethane          | 9.197  | 117  | 81422    | 44.81     | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.909  | 70   | 159924   | 43.77     | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.868  | 107  | 227470   | 49.00     | ng    | 94       |
| 22) Acetophenone              | 8.927  | 105  | 296765   | 43.35     | ng    | # 95     |
| 24) Nitrobenzene              | 9.309  | 77   | 240093   | 49.65     | ng    | 89       |
| 25) Isophorone                | 9.832  | 82   | 416205   | 43.04     | ng    | 96       |
| 26) 2-Nitrophenol             | 10.020 | 139  | 113130   | 64.71     | ng    | # 79     |
| 27) 2,4-Dimethylphenol        | 10.072 | 122  | 173542   | 49.66     | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.313 | 93   | 249592   | 41.84     | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.554 | 162  | 211898   | 50.41     | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.778 | 180  | 231379   | 46.11     | ng    | 99       |
| 31) Naphthalene               | 10.966 | 128  | 587405   | 45.95     | ng    | 99       |
| 32) Benzoic acid              | 10.208 | 122  | 124752   | 50.75     | ng    | # 84     |
| 33) 4-Chloroaniline           | 11.065 | 127  | 141857   | 25.05     | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.248 | 225  | 168982   | 45.93     | ng    | 93       |
| 35) Caprolactam               | 11.835 | 113  | 67063m   | 47.10     | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.182 | 107  | 219394   | 48.54     | ng    | 89       |
| 37) 2-Methylnaphthalene       | 12.564 | 142  | 441184   | 46.55     | ng    | # 93     |
| 38) 1-Methylnaphthalene       | 12.781 | 142  | 426737   | 48.51     | ng    | # 97     |
| 40) 1,2,4,5-Tetrachloroben... | 12.928 | 216  | 277569   | 46.42     | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.910 | 237  | 408470   | 117.45    | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.163 | 196  | 192230   | 51.12     | ng    | 92       |

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 QLast Update : Wed Oct 07 11:38:17 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|--------|-------|----------|----|
| 44) 2,4,5-Trichlorophenol     | 13.233 | 196  | 201092   | 53.14  | ng    | #        | 92 |
| 46) 1,1'-Biphenyl             | 13.562 | 154  | 586581   | 45.87  | ng    |          | 96 |
| 47) 2-Chloronaphthalene       | 13.609 | 162  | 462495   | 44.51  | ng    |          | 96 |
| 48) 2-Nitroaniline            | 13.803 | 65   | 158421   | 57.43  | ng    | #        | 76 |
| 49) Acenaphthylene            | 14.450 | 152  | 702584   | 45.94  | ng    |          | 98 |
| 50) Dimethylphthalate         | 14.179 | 163  | 609818   | 45.90  | ng    |          | 98 |
| 51) 2,6-Dinitrotoluene        | 14.297 | 165  | 138976   | 64.37  | ng    | #        | 76 |
| 52) Acenaphthene              | 14.796 | 154  | 553418m  | 53.29  | ng    |          |    |
| 53) 3-Nitroaniline            | 14.626 | 138  | 97738    | 40.06  | ng    | #        | 81 |
| 54) 2,4-Dinitrophenol         | 14.832 | 184  | 177847   | 150.82 | ng    | #        | 75 |
| 55) Dibenzofuran              | 15.125 | 168  | 737813   | 47.05  | ng    |          | 96 |
| 56) 4-Nitrophenol             | 14.931 | 139  | 234390   | 116.64 | ng    | #        | 73 |
| 57) 2,4-Dinitrotoluene        | 15.078 | 165  | 189880   | 66.41  | ng    | #        | 78 |
| 58) Fluorene                  | 15.772 | 166  | 594775   | 47.37  | ng    |          | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.349 | 232  | 205527   | 54.33  | ng    | #        | 96 |
| 60) Diethylphthalate          | 15.537 | 149  | 610703   | 45.72  | ng    |          | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.766 | 204  | 352460   | 49.17  | ng    |          | 99 |
| 62) 4-Nitroaniline            | 15.789 | 138  | 141918   | 52.39  | ng    | #        | 65 |
| 63) Azobenzene                | 16.060 | 77   | 567920   | 43.25  | ng    |          | 92 |
| 65) 4,6-Dinitro-2-methylph... | 15.842 | 198  | 134164   | 76.45  | ng    |          | 88 |
| 66) n-Nitrosodiphenylamine    | 15.977 | 169  | 536121   | 42.21  | ng    |          | 97 |
| 67) 4-Bromophenyl-phenylether | 16.659 | 248  | 237649   | 44.49  | ng    |          | 95 |
| 68) Hexachlorobenzene         | 16.776 | 284  | 248575   | 43.25  | ng    |          | 90 |
| 69) Atrazine                  | 16.923 | 200  | 212044   | 41.55  | ng    |          | 96 |
| 70) Pentachlorophenol         | 17.117 | 266  | 348900   | 105.16 | ng    |          | 91 |
| 71) Phenanthrene              | 17.517 | 178  | 1000514  | 43.59  | ng    |          | 98 |
| 72) Anthracene                | 17.605 | 178  | 1023174  | 45.18  | ng    |          | 98 |
| 73) Carbazole                 | 17.869 | 167  | 908428   | 44.08  | ng    |          | 97 |
| 74) Di-n-butylphthalate       | 18.427 | 149  | 1086606  | 42.89  | ng    | #        | 98 |
| 75) Fluoranthene              | 19.520 | 202  | 1327470  | 45.41  | ng    |          | 97 |
| 77) Benzidine                 | 19.691 | 184  | 571853   | 40.11  | ng    |          | 99 |
| 78) Pyrene                    | 19.879 | 202  | 1320328  | 44.41  | ng    |          | 99 |
| 80) Butylbenzylphthalate      | 20.760 | 149  | 501182   | 43.62  | ng    |          | 93 |
| 81) Benzo(a)anthracene        | 21.724 | 228  | 1326567  | 42.96  | ng    |          | 99 |
| 82) 3,3'-Dichlorobenzidine    | 21.635 | 252  | 370467   | 30.91  | ng    |          | 98 |
| 83) Chrysene                  | 21.794 | 228  | 1292432  | 43.80  | ng    |          | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.629 | 149  | 704797   | 41.76  | ng    |          | 97 |
| 85) Di-n-octyl phthalate      | 22.857 | 149  | 1190007  | 41.01  | ng    | #        | 96 |
| 87) Indeno(1,2,3-cd)pyrene    | 28.751 | 276  | 1579735  | 44.92  | ng    | #        | 88 |
| 88) Benzo(b)fluoranthene      | 23.980 | 252  | 1370250  | 43.99  | ng    | #        | 97 |
| 89) Benzo(k)fluoranthene      | 24.050 | 252  | 1354392  | 45.23  | ng    | #        | 97 |
| 90) Benzo(a)pyrene            | 24.861 | 252  | 1261478  | 43.04  | ng    | #        | 97 |
| 91) Dibenzo(a,h)anthracene    | 28.821 | 278  | 1296445  | 45.07  | ng    | #        | 95 |
| 92) Benzo(g,h,i)perylene      | 29.920 | 276  | 1274832  | 45.32  | ng    | #        | 94 |

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

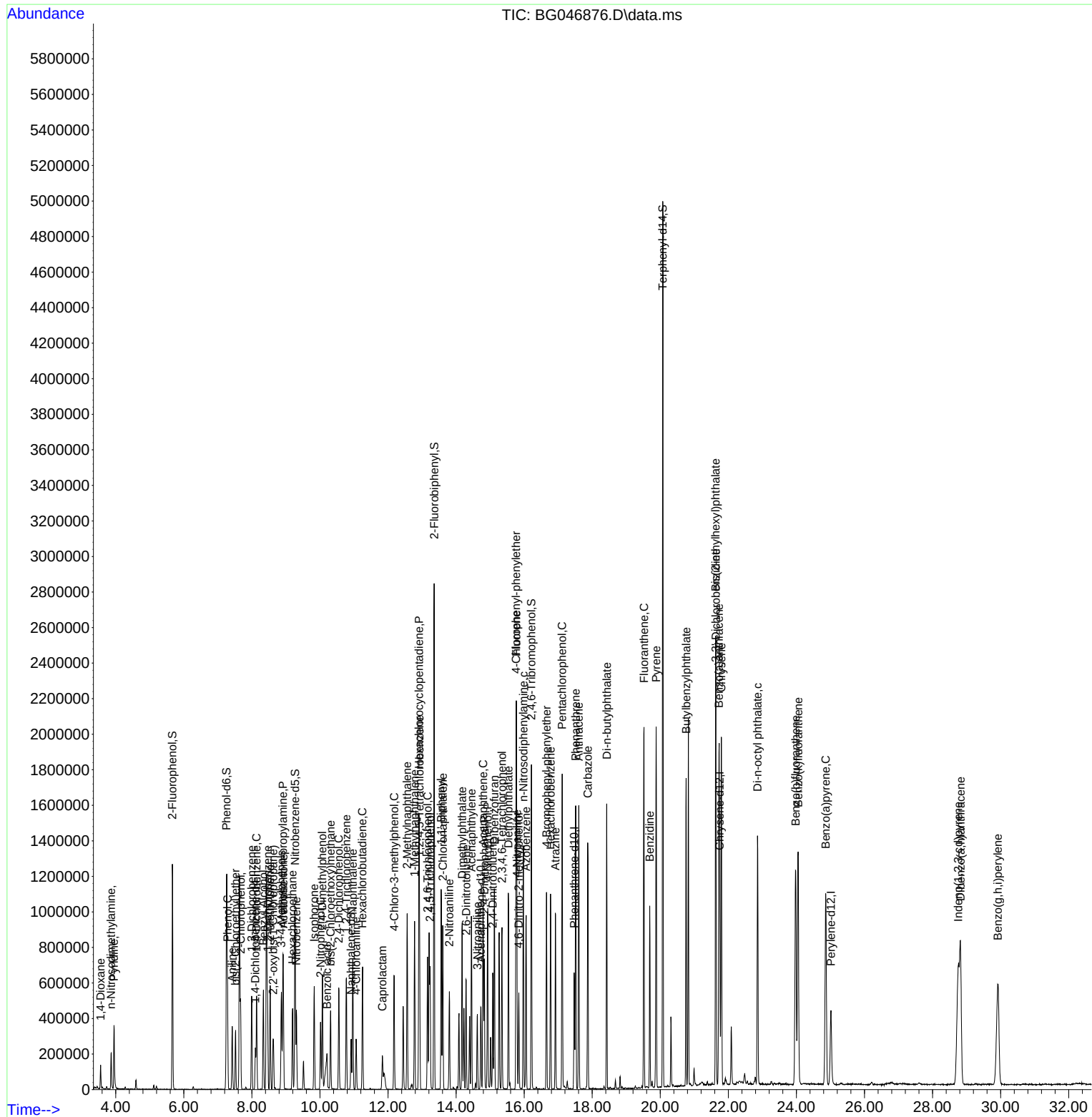
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101320\  
Data File : BG046876.D  
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Sample : PB132232BSD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

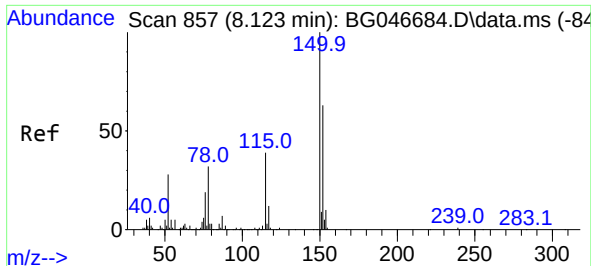
Instrument :  
BNA\_G  
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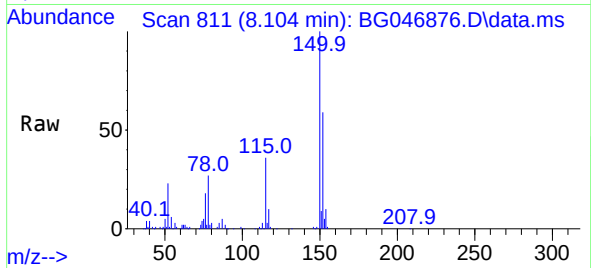
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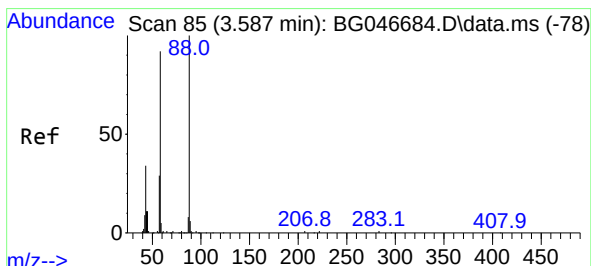
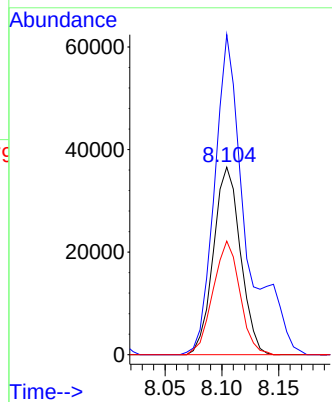
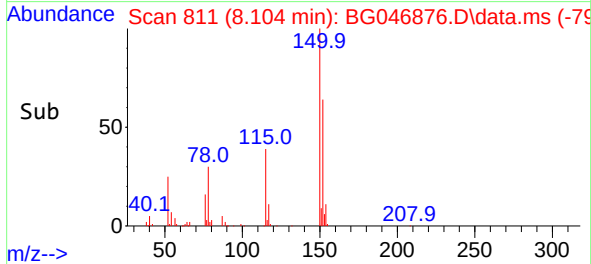




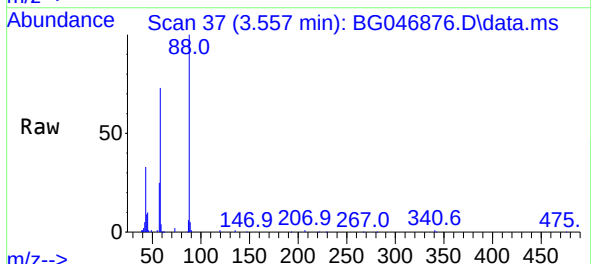
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.104 min Scan# 811  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



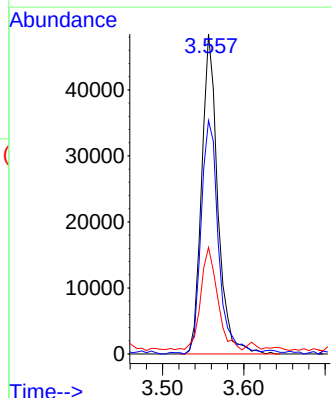
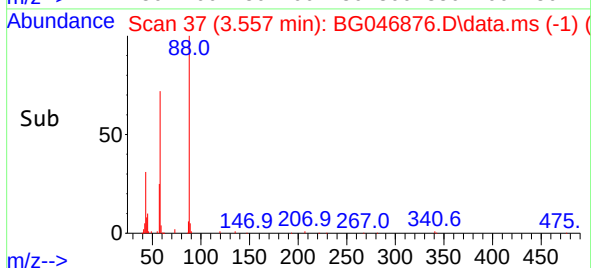
Tgt Ion:152 Resp: 60517  
Ion Ratio Lower Upper  
152 100  
150 170.7 125.0 187.6  
115 60.6 41.8 62.6



#2  
1,4-Dioxane  
Concen: 37.89 ng  
RT: 3.557 min Scan# 37  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



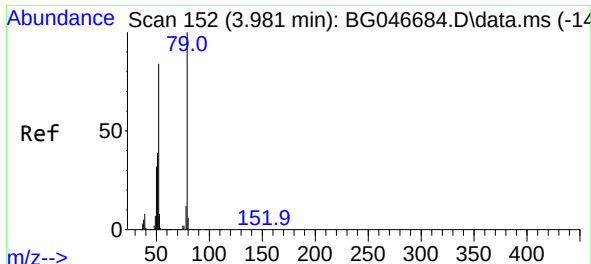
Tgt Ion: 88 Resp: 66780  
Ion Ratio Lower Upper  
88 100  
58 78.9 61.6 92.4  
43 33.4 21.3 31.9#



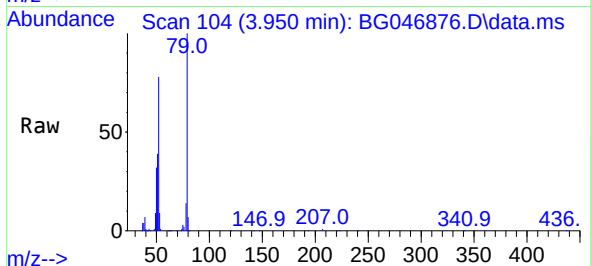
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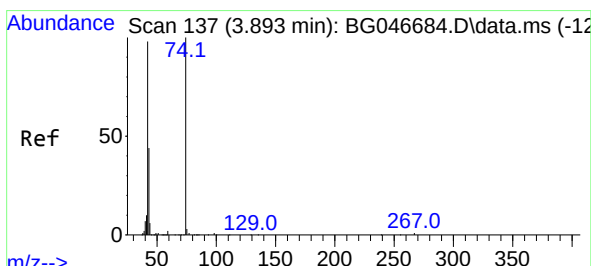
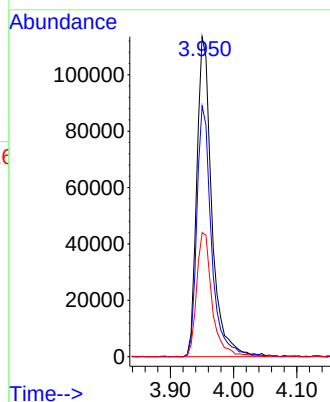
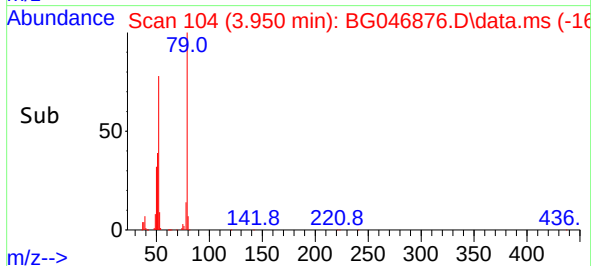
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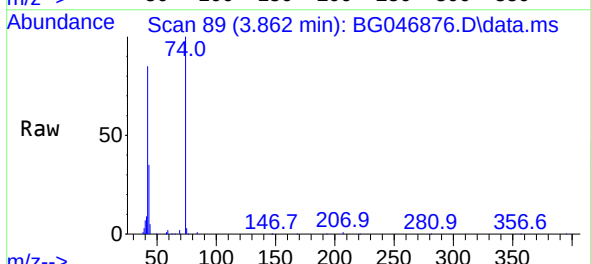
#3  
Pyridine  
Concen: 37.43 ng  
RT: 3.950 min Scan# 104  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



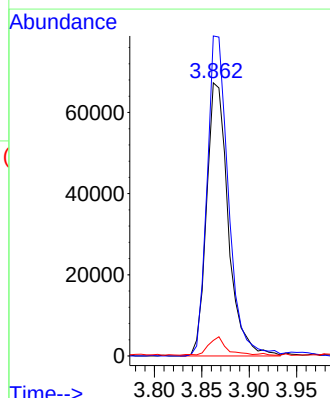
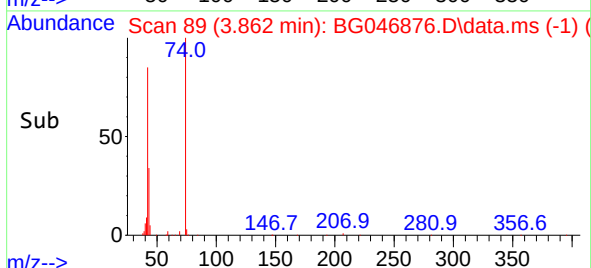
Tgt Ion: 79 Resp: 186661  
Ion Ratio Lower Upper  
79 100  
52 78.3 61.3 91.9  
51 38.8 28.4 42.6



#4  
n-Nitrosodimethylamine  
Concen: 41.00 ng  
RT: 3.862 min Scan# 89  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



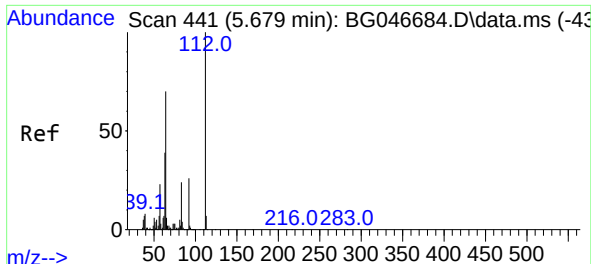
Tgt Ion: 42 Resp: 106991  
Ion Ratio Lower Upper  
42 100  
74 117.1 120.4 180.6#  
44 5.7 6.2 9.2#



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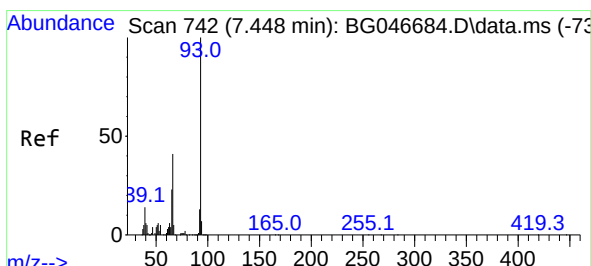
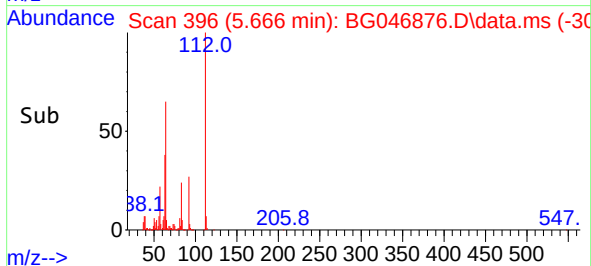
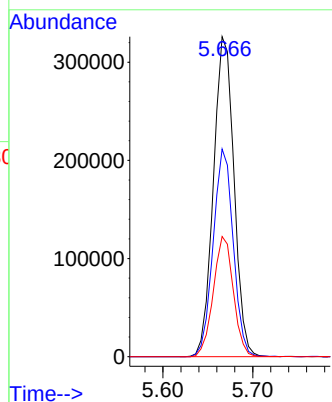
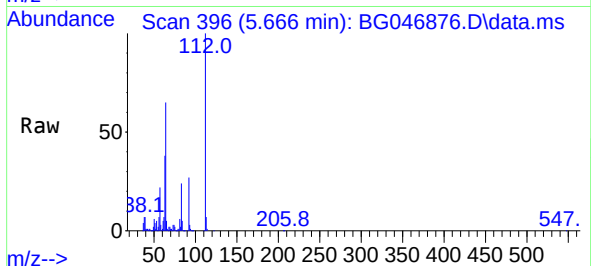
#5  
2-Fluorophenol  
Concen: 137.25 ng  
RT: 5.666 min Scan# 396  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 112 Resp: 518484  
Ion Ratio Lower Upper  
112 100  
64 64.9 46.7 70.1  
63 37.5 22.8 34.2#

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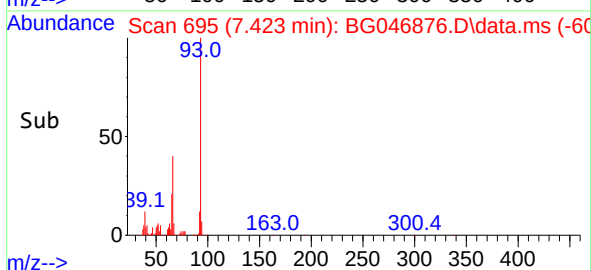
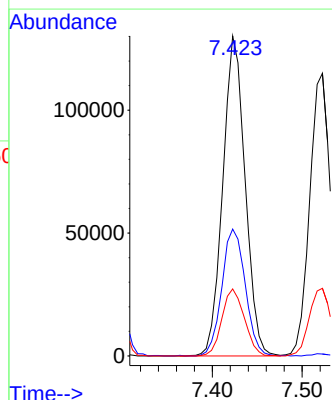
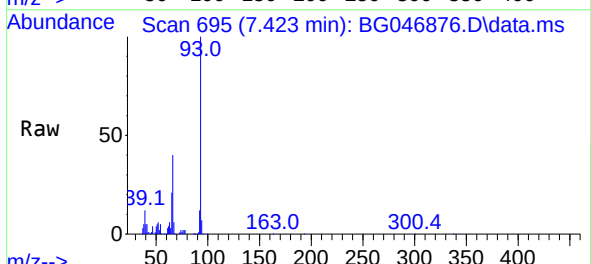
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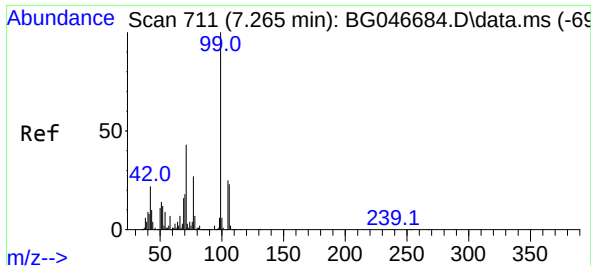
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#6  
Aniline  
Concen: 34.90 ng  
RT: 7.423 min Scan# 695  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 93 Resp: 224758  
Ion Ratio Lower Upper  
93 100  
66 39.7 29.5 44.3  
65 20.9 15.5 23.3





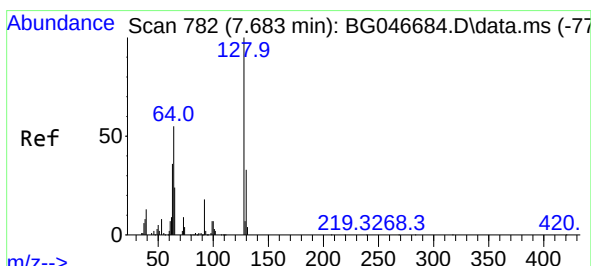
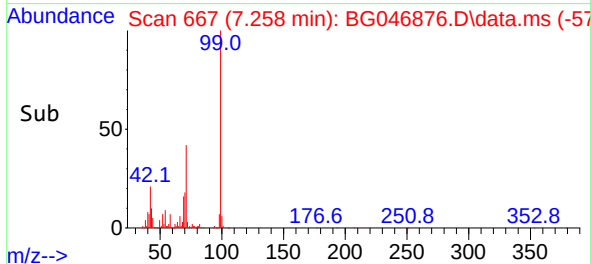
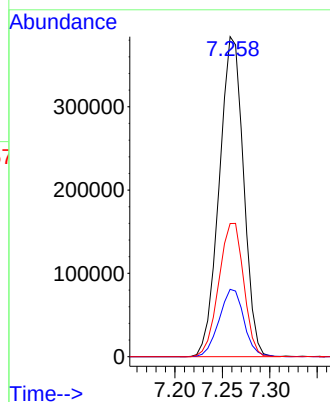
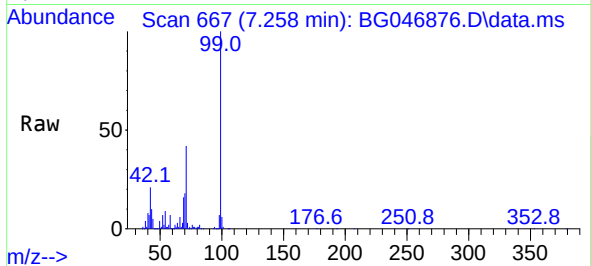
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Phenol-d6  
Concen: 128.50 ng  
RT: 7.258 min Scan# 667  
Delta R.T. 0.002 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 99 Resp: 684692  
Ion Ratio Lower Upper  
99 100  
42 21.1 12.8 19.2#  
71 41.6 24.6 36.8#

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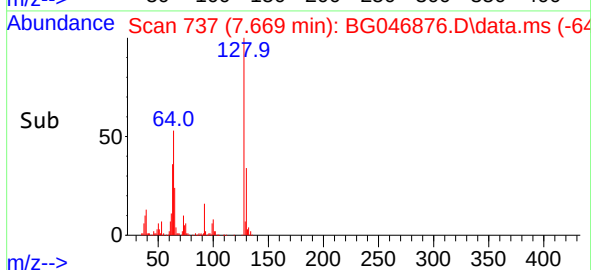
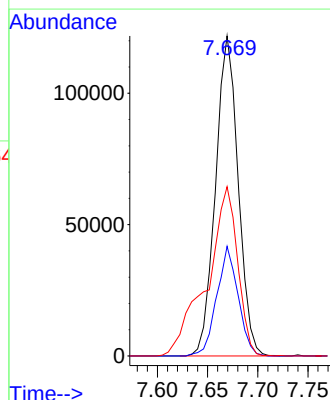
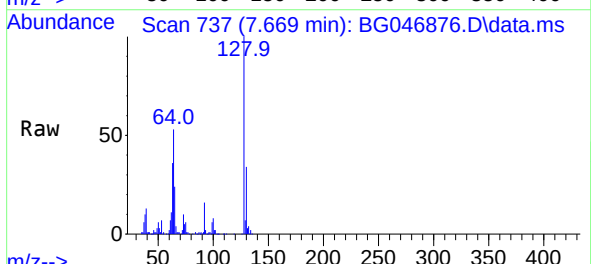
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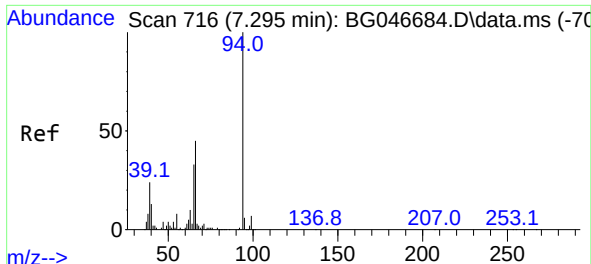
mohammad  
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#8  
2-Chlorophenol  
Concen: 50.71 ng  
RT: 7.669 min Scan# 737  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 128 Resp: 190896  
Ion Ratio Lower Upper  
128 100  
130 34.3 12.6 52.6  
64 52.9 24.8 64.8





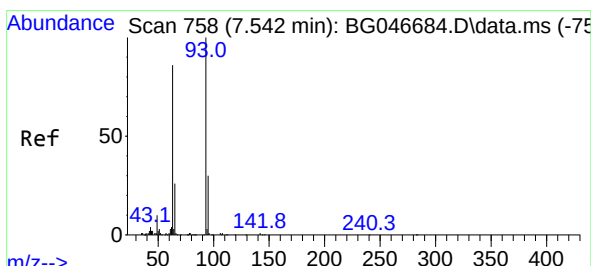
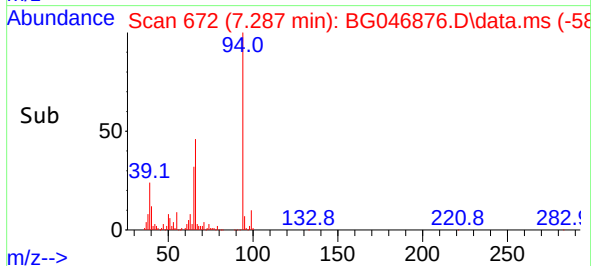
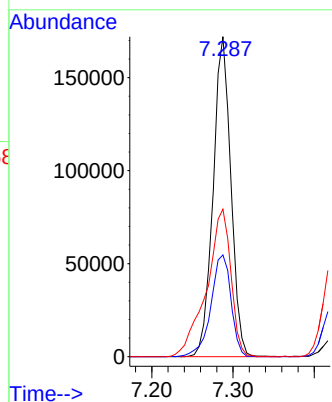
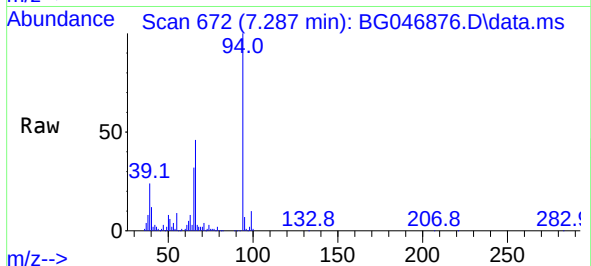
#10  
Phenol  
Concen: 49.23 ng  
RT: 7.287 min Scan# 672  
Delta R.T. 0.002 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 94 Resp: 261103  
Ion Ratio Lower Upper  
94 100  
65 31.8 6.6 46.6  
66 46.1 13.9 53.9

Instrument :  
BNA\_G  
ClientSampleId :  
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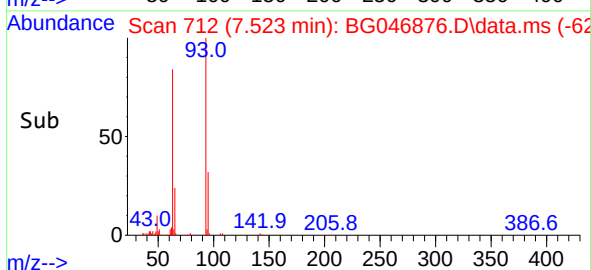
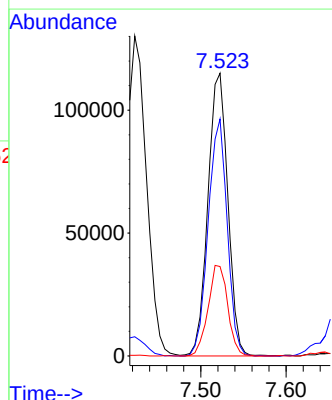
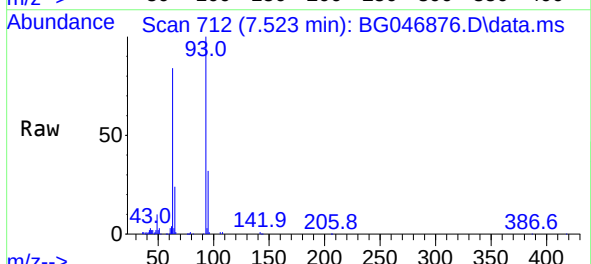
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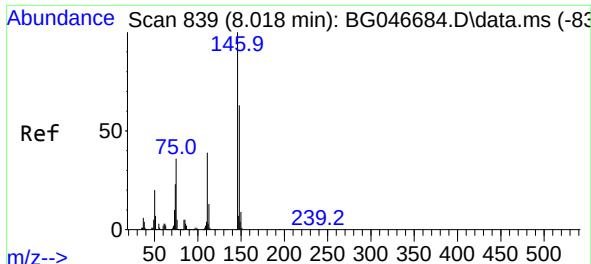


#11  
bis(2-Chloroethyl)ether  
Concen: 45.52 ng  
RT: 7.523 min Scan# 712  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 93 Resp: 186594  
Ion Ratio Lower Upper  
93 100  
63 83.8 56.4 96.4  
95 31.6 13.8 53.8







#12

1,3-Dichlorobenzene

Concen: 45.19 ng

RT: 7.993 min Scan# 792

Delta R.T. -0.010 min

Lab File: BG046876.D

Acq: 13 Oct 2020 16:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 219660 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 50.1  | 75.1   |
| 75        | 34.4  | 20.1  | 30.1#  |

Instrument :

BNA\_G

ClientSampleId :

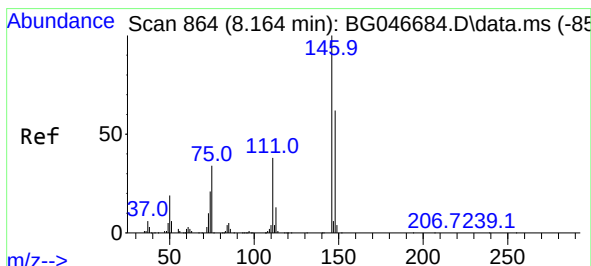
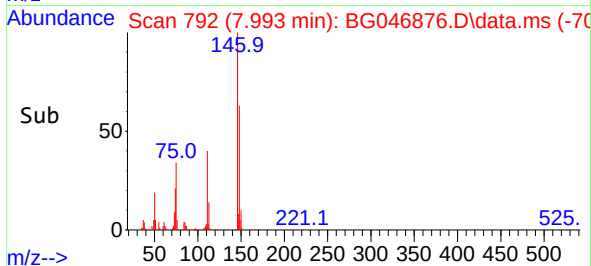
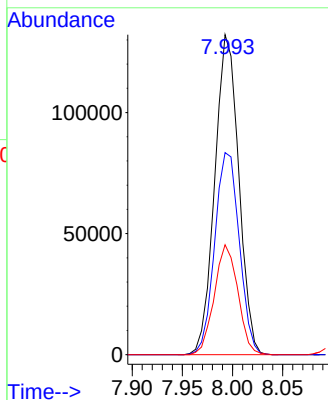
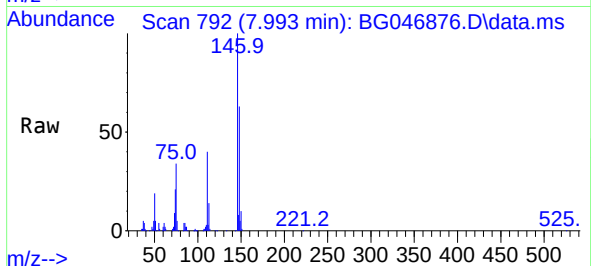
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#13

1,4-Dichlorobenzene

Concen: 45.69 ng

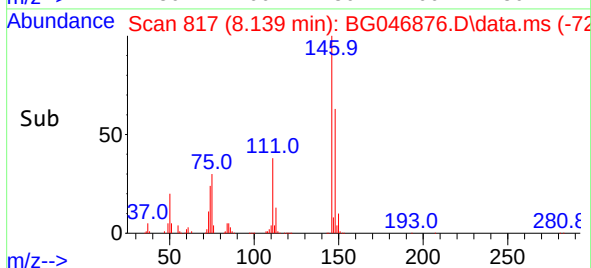
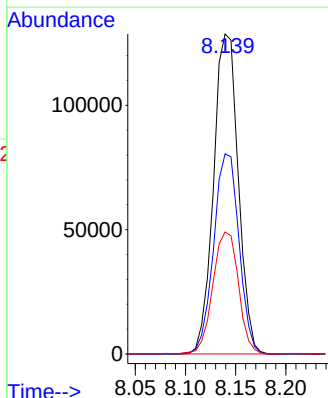
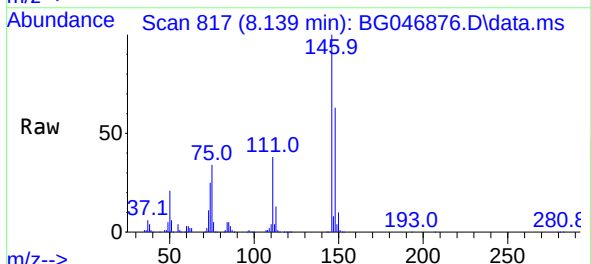
RT: 8.139 min Scan# 817

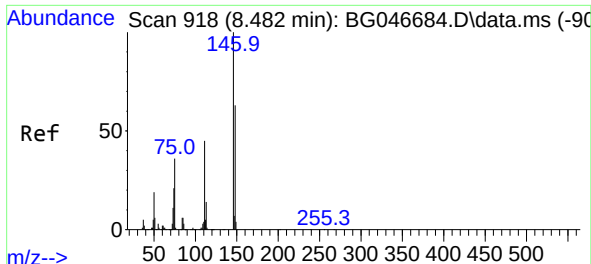
Delta R.T. -0.010 min

Lab File: BG046876.D

Acq: 13 Oct 2020 16:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 220105 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.5  | 51.1  | 76.7   |
| 111       | 38.1  | 29.7  | 44.5   |





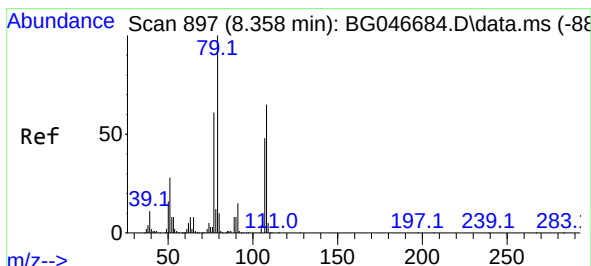
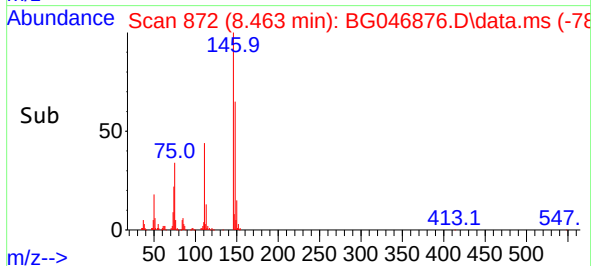
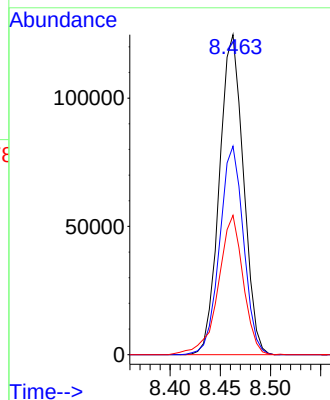
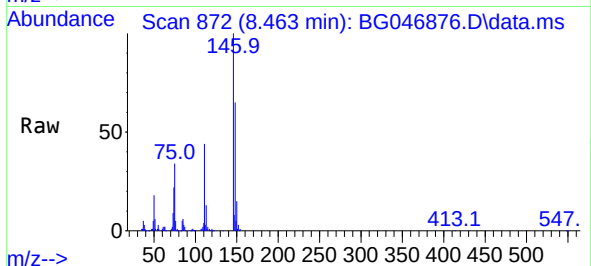
#14  
1,2-Dichlorobenzene  
Concen: 46.19 ng  
RT: 8.463 min Scan# 872  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:146 Resp: 207516  
Ion Ratio Lower Upper  
146 100  
148 65.2 53.0 79.6  
111 43.6 30.7 46.1

Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD

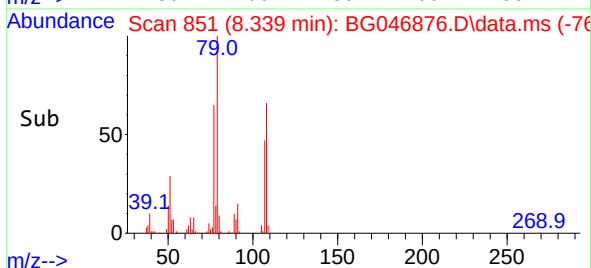
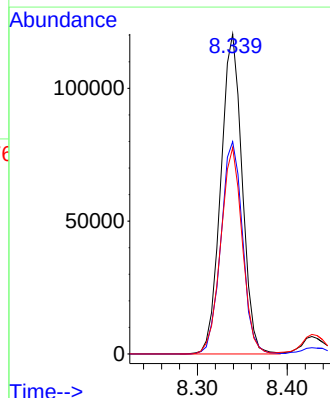
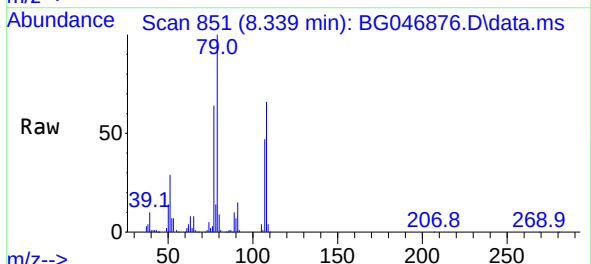
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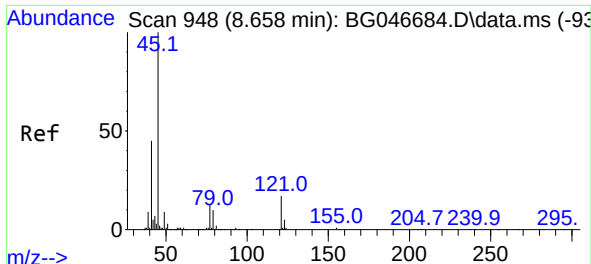
mohammad  
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#15  
Benzyl Alcohol  
Concen: 45.22 ng  
RT: 8.339 min Scan# 851  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 79 Resp: 198084  
Ion Ratio Lower Upper  
79 100  
108 66.4 65.5 98.3  
77 64.5 50.1 75.1





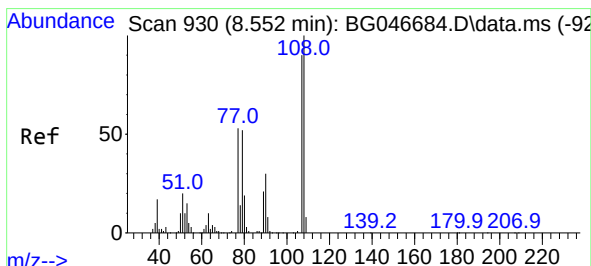
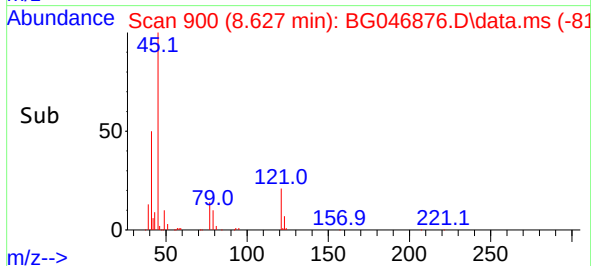
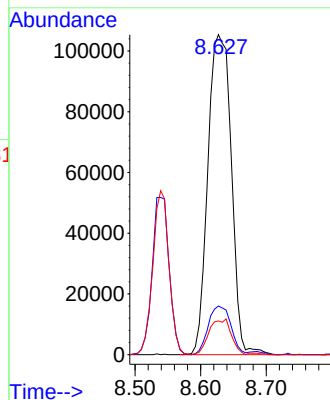
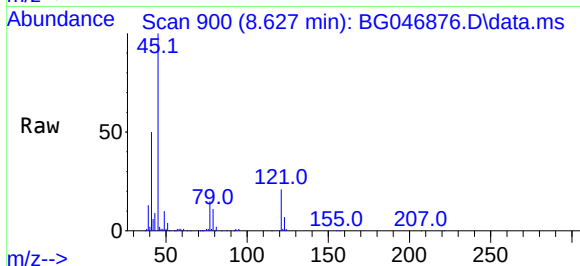
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.35 ng  
RT: 8.627 min Scan# 900  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 45 Resp: 261499  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 33.4  
79 10.6 0.0 30.8

Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD

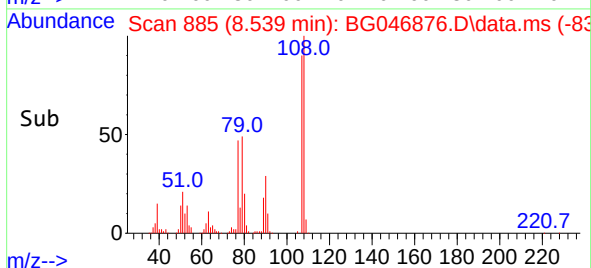
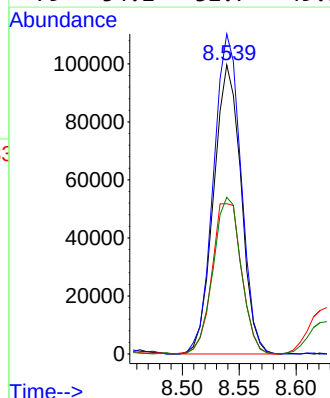
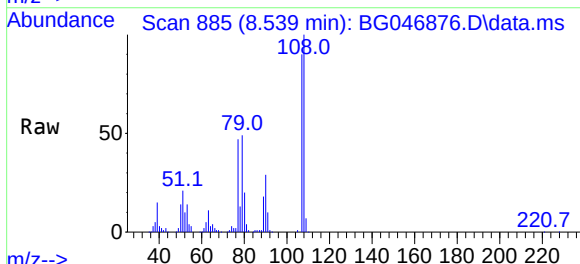
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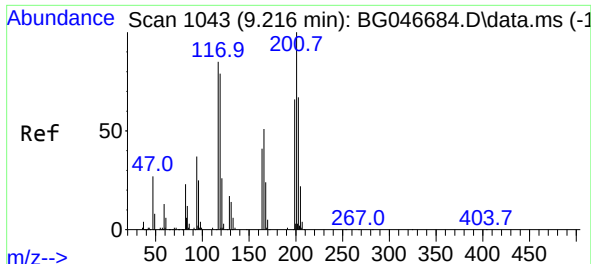
mohammad  
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#17  
2-Methylphenol  
Concen: 49.07 ng  
RT: 8.539 min Scan# 885  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

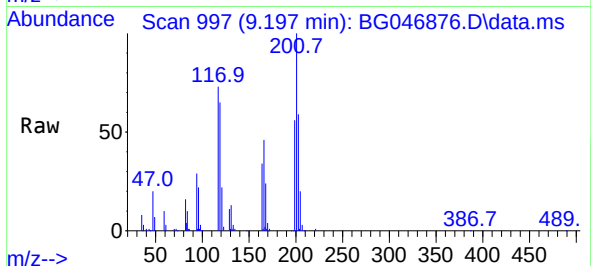
Tgt Ion: 107 Resp: 167134  
Ion Ratio Lower Upper  
107 100  
108 110.7 87.2 130.8  
77 52.0 33.8 50.8#  
79 54.2 32.7 49.1#





#18  
Hexachloroethane  
Concen: 44.81 ng  
RT: 9.197 min Scan# 997  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

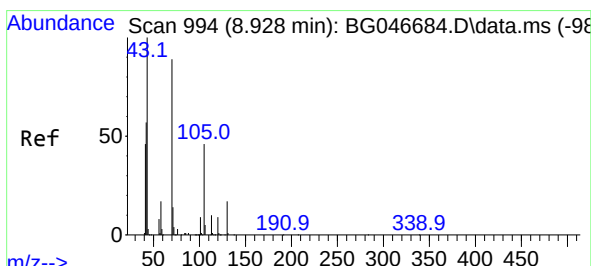
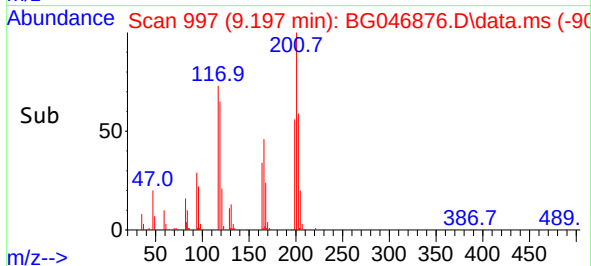
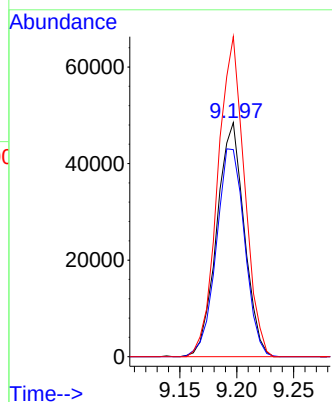
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



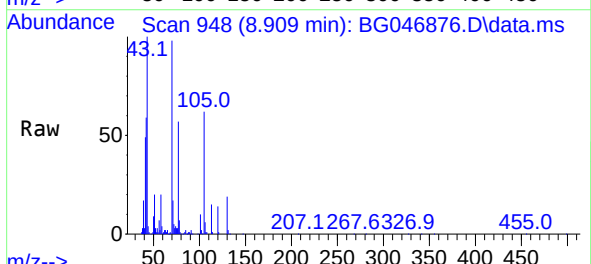
Tgt Ion:117 Resp: 81422  
Ion Ratio Lower Upper  
117 100  
119 88.4 77.5 116.3  
201 136.7 104.9 157.3

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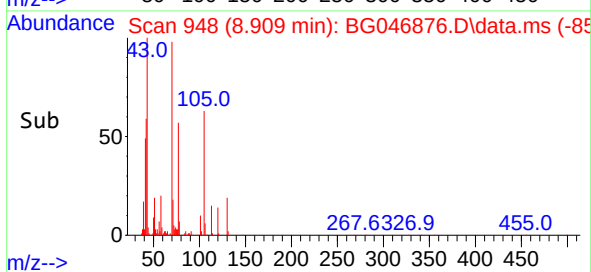
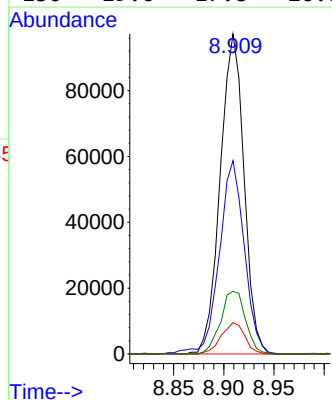
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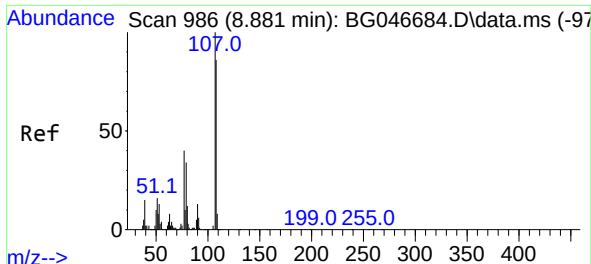


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.77 ng  
RT: 8.909 min Scan# 948  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



Tgt Ion: 70 Resp: 159924  
Ion Ratio Lower Upper  
70 100  
42 60.4 45.6 68.4  
101 9.8 8.4 12.6  
130 19.6 17.8 26.8





#20  
3+4-Methylphenols  
Concen: 49.00 ng  
RT: 8.868 min Scan# 941  
Delta R.T. 0.002 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

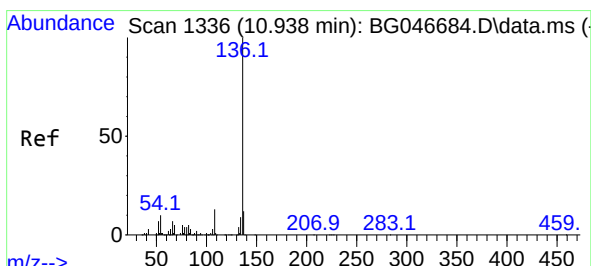
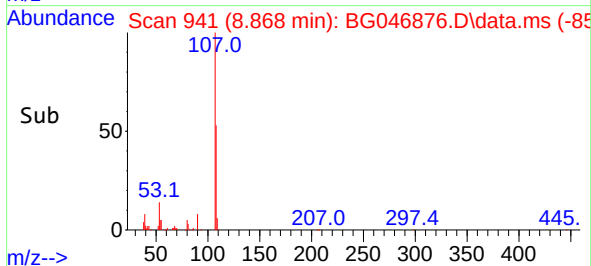
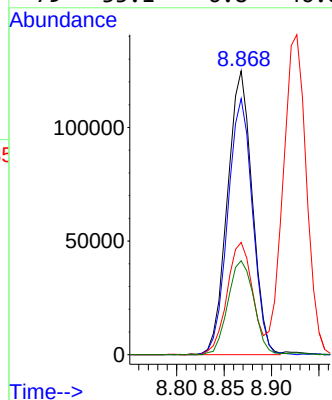
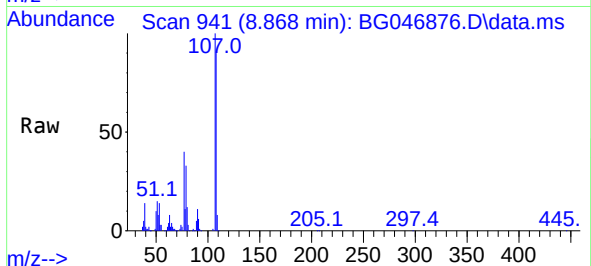
Tgt Ion:107 Resp: 227470

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.2  | 70.6  | 110.6 |
| 77  | 39.6  | 10.2  | 50.2  |
| 79  | 33.1  | 6.8   | 46.8  |

Instrument :  
BNA\_G  
ClientSampled :  
PB132232BSD

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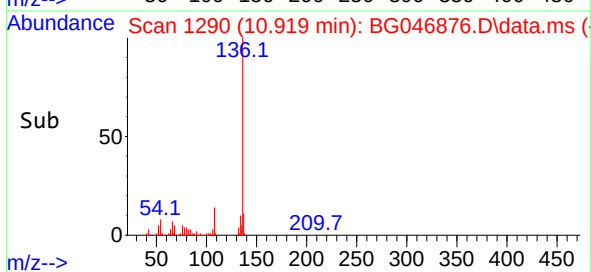
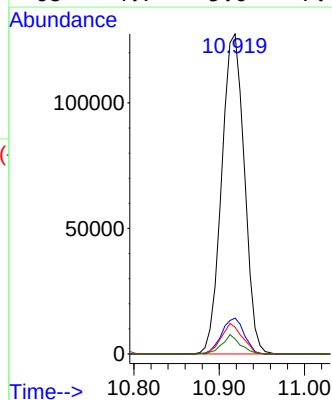
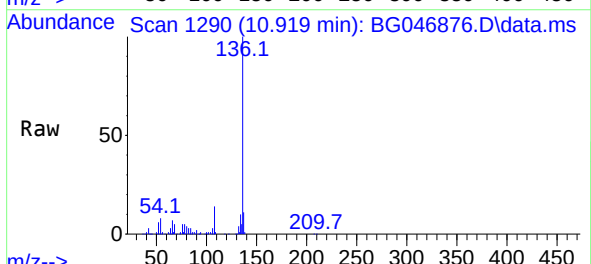
mohammad  
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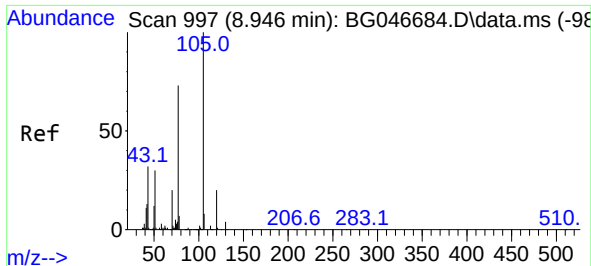


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.919 min Scan# 1290  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:136 Resp: 235703

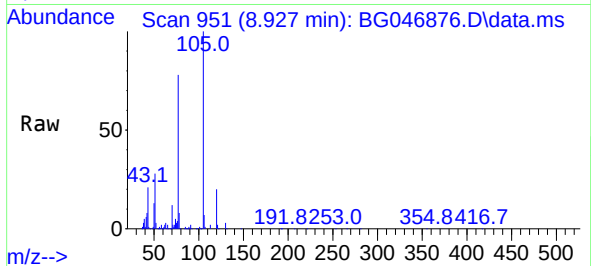
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 9.1   | 13.7  |
| 54  | 8.3   | 6.2   | 9.4   |
| 68  | 4.7   | 5.0   | 7.4   |





#22  
Acetophenone  
Concen: 43.35 ng  
RT: 8.927 min Scan# 951  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

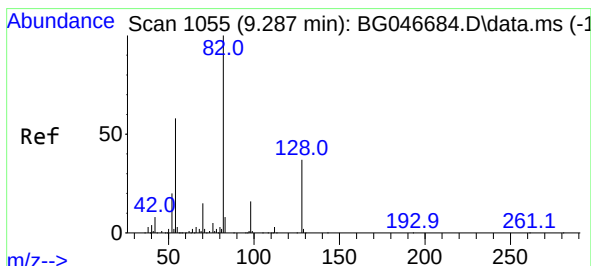
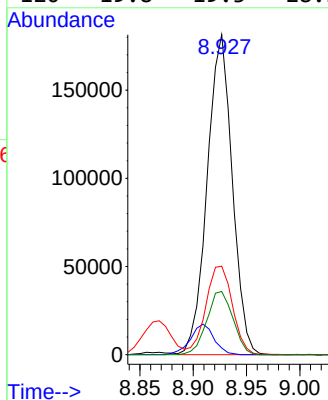
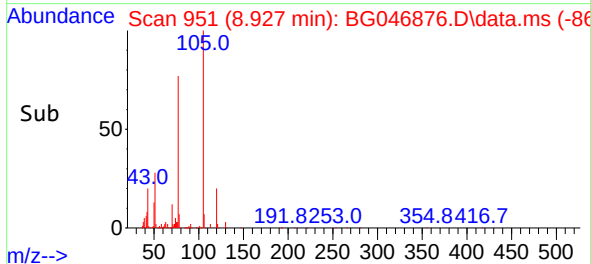
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



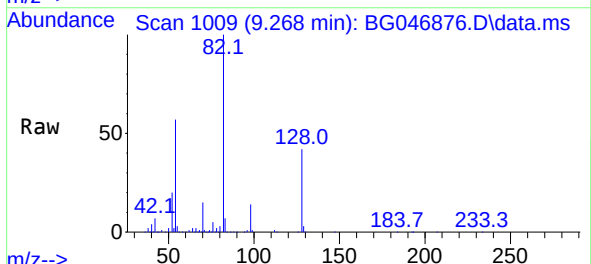
Tgt Ion: 105 Resp: 296765  
Ion Ratio Lower Upper  
105 100  
71 2.1 2.7 4.1#  
51 27.6 21.0 31.6  
120 19.8 19.3 28.9

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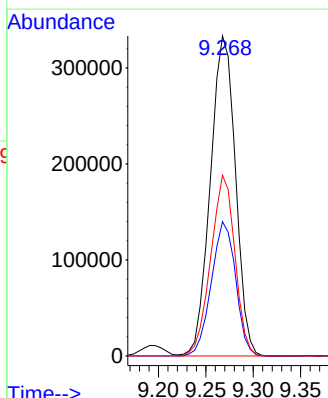
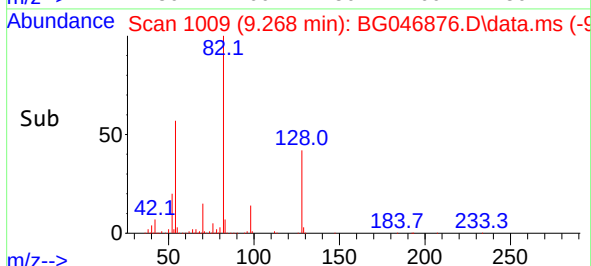
mohammad  
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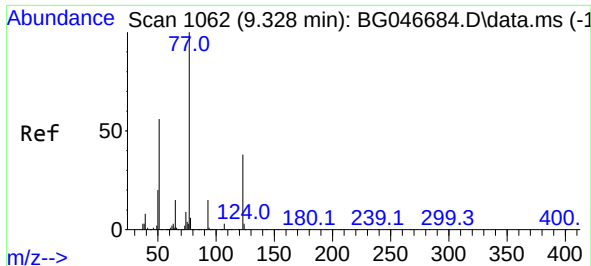


#23  
Nitrobenzene-d5  
Concen: 138.65 ng  
RT: 9.268 min Scan# 1009  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



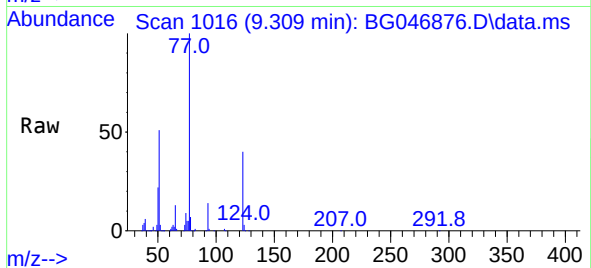
Tgt Ion: 82 Resp: 614285  
Ion Ratio Lower Upper  
82 100  
128 42.0 37.0 55.6  
54 56.5 39.0 58.4





#24  
Nitrobenzene  
Concen: 49.65 ng  
RT: 9.309 min Scan# 1016  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

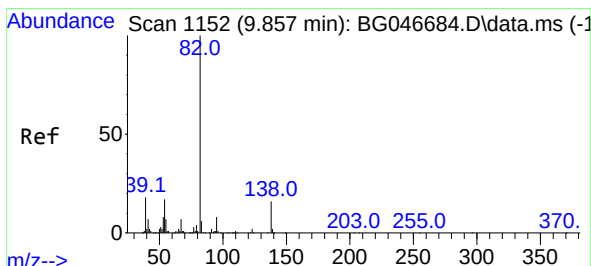
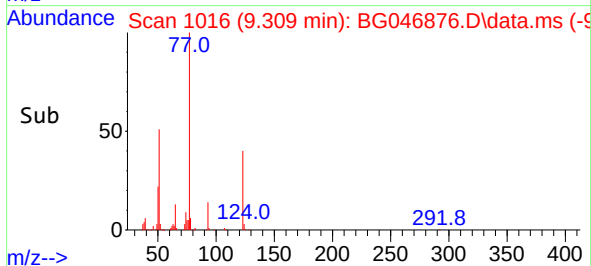
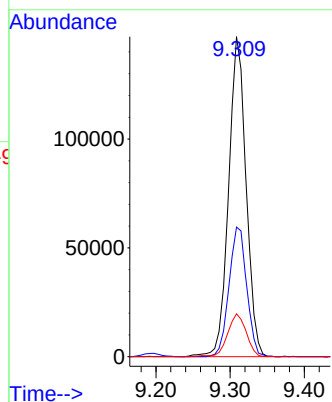
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



Tgt Ion: 77 Resp: 240093  
Ion Ratio Lower Upper  
77 100  
123 40.5 39.7 59.5  
65 13.4 10.4 15.6

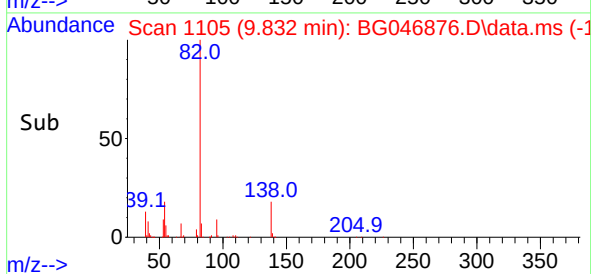
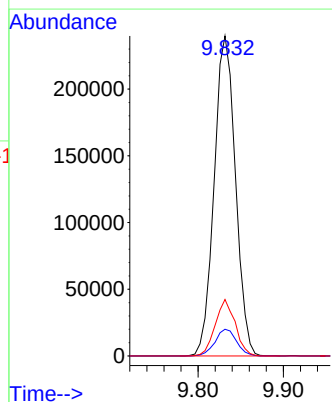
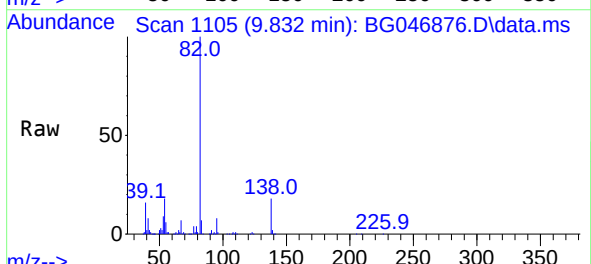
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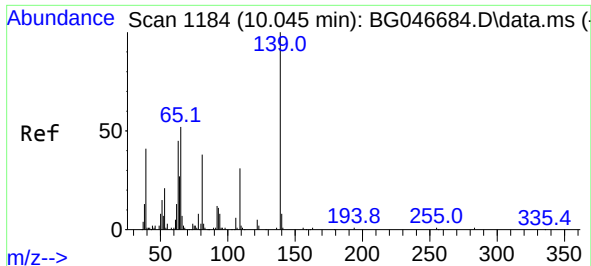
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#25  
Isophorone  
Concen: 43.04 ng  
RT: 9.832 min Scan# 1105  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 82 Resp: 416205  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.6 8.4  
138 17.7 15.8 23.6





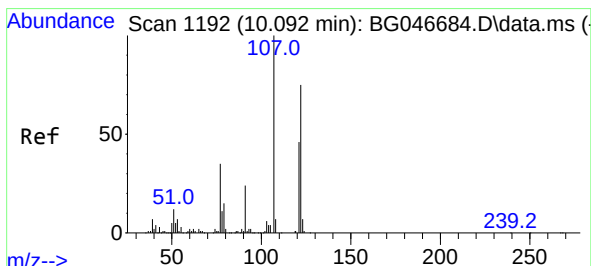
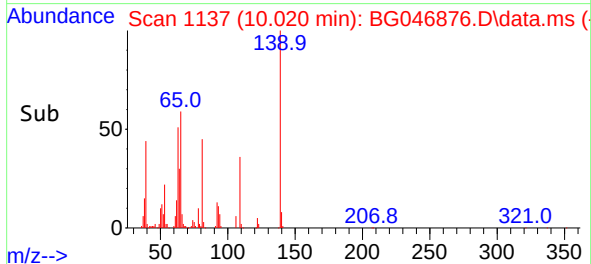
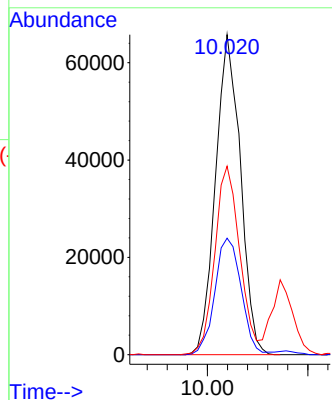
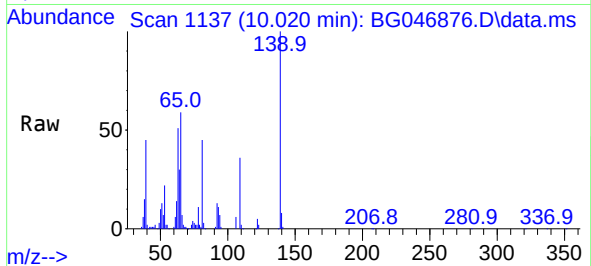
#26  
2-Nitrophenol  
Concen: 64.71 ng  
RT: 10.020 min Scan# 1137  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:139 Resp: 113130  
Ion Ratio Lower Upper  
139 100  
109 36.4 20.7 31.1#  
65 58.9 36.1 54.1#

Instrument :  
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ClientSampled :  
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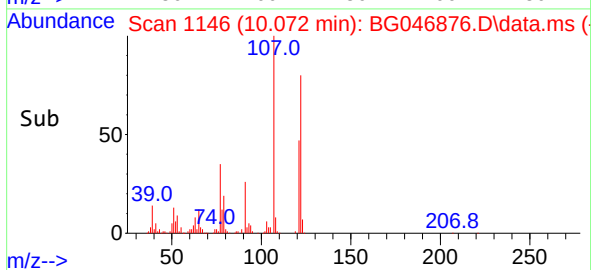
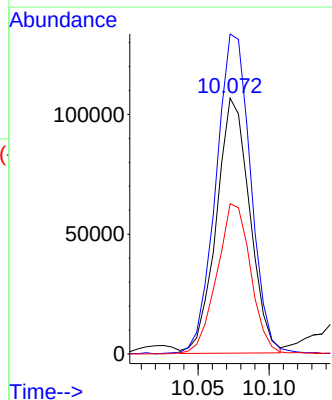
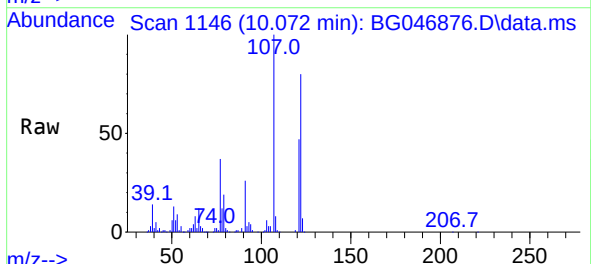
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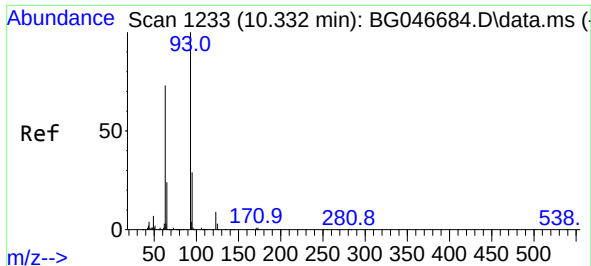


#27  
2,4-Dimethylphenol  
Concen: 49.66 ng  
RT: 10.072 min Scan# 1146  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:122 Resp: 173542  
Ion Ratio Lower Upper  
122 100  
107 125.0 89.2 133.8  
121 58.7 46.9 70.3

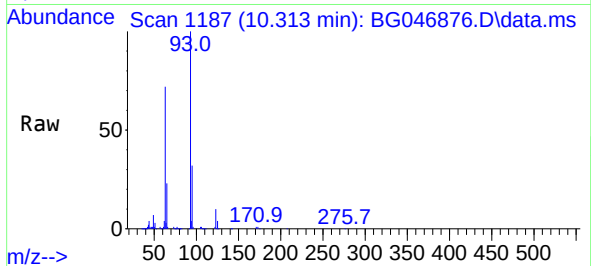






#28  
bis(2-Chloroethoxy)methane  
Concen: 41.84 ng  
RT: 10.313 min Scan# 1187  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

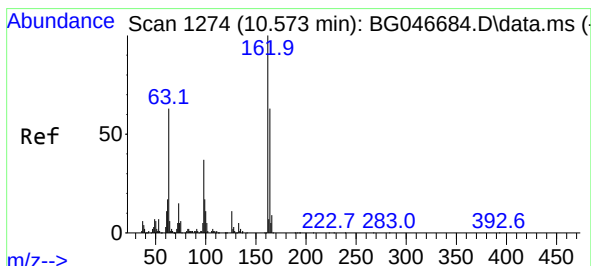
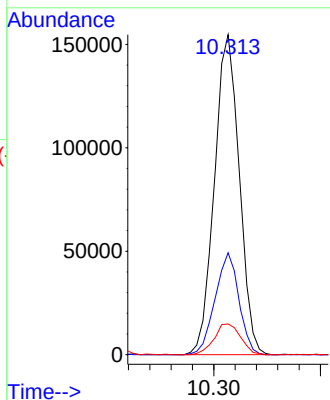
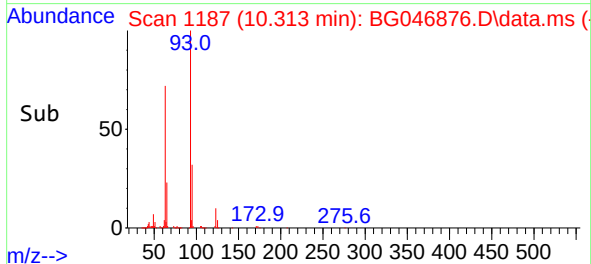
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



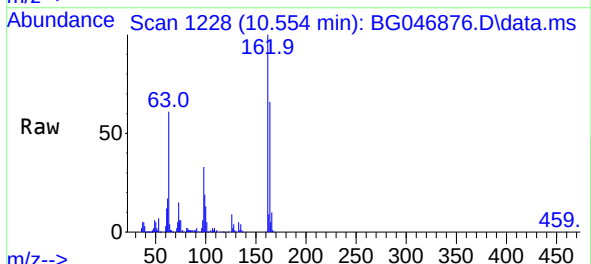
Tgt Ion: 93 Resp: 249592  
Ion Ratio Lower Upper  
93 100  
95 31.9 26.5 39.7  
123 9.6 9.4 14.0

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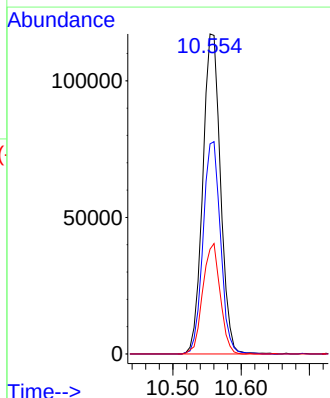
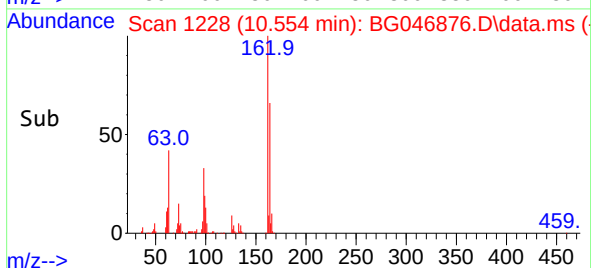
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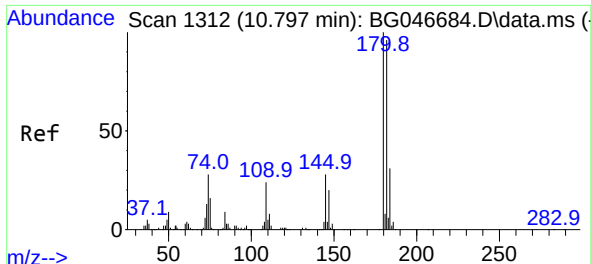


#29  
2,4-Dichlorophenol  
Concen: 50.41 ng  
RT: 10.554 min Scan# 1228  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



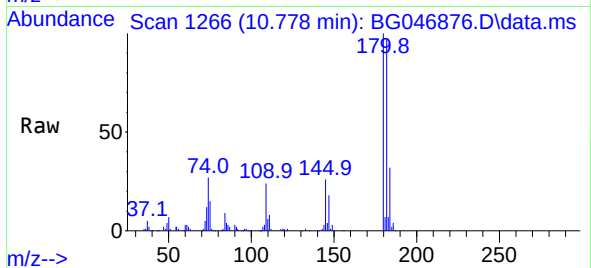
Tgt Ion: 162 Resp: 211898  
Ion Ratio Lower Upper  
162 100  
164 65.6 45.6 85.6  
98 32.8 11.0 51.0





#30  
1,2,4-Trichlorobenzene  
Concen: 46.11 ng  
RT: 10.778 min Scan# 1266  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

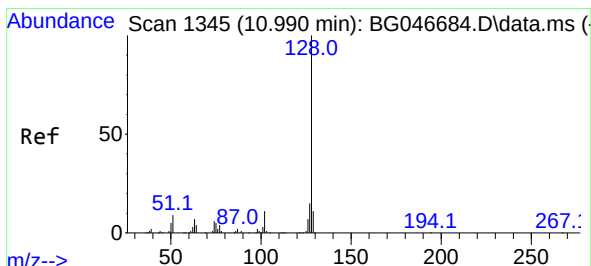
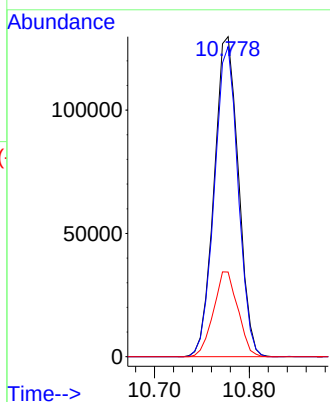
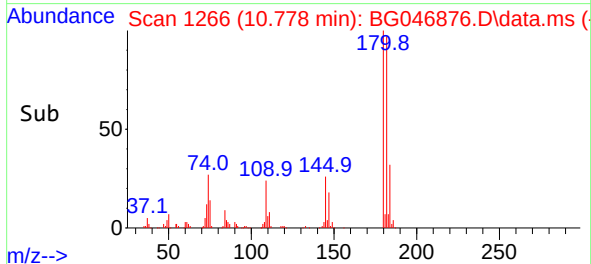
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



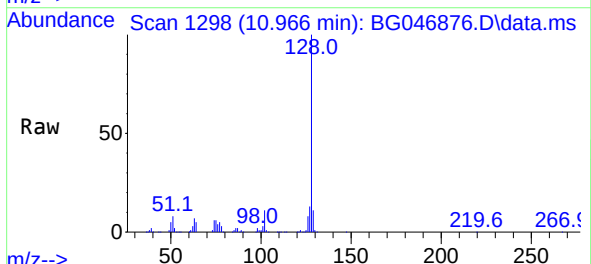
Tgt Ion:180 Resp: 231379  
Ion Ratio Lower Upper  
180 100  
182 96.9 76.9 115.3  
145 26.5 21.4 32.0

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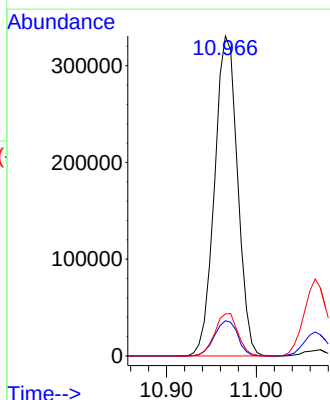
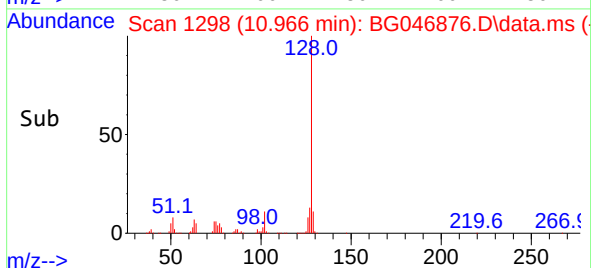
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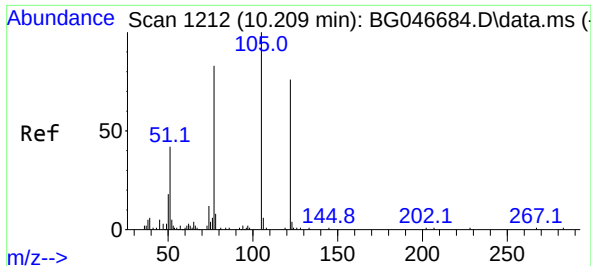


#31  
Naphthalene  
Concen: 45.95 ng  
RT: 10.966 min Scan# 1298  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



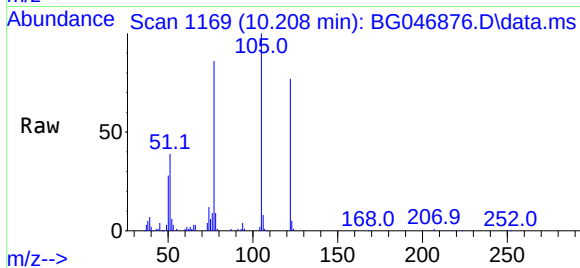
Tgt Ion:128 Resp: 587405  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.1 11.0 16.4





#32  
Benzoic acid  
Concen: 50.75 ng  
RT: 10.208 min Scan# 1169  
Delta R.T. 0.014 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

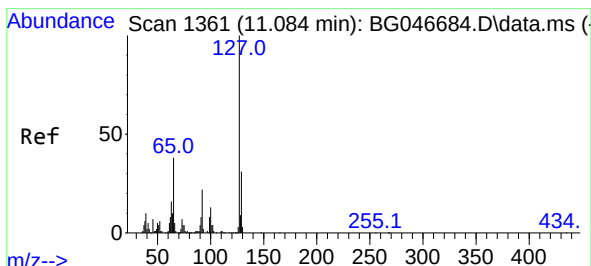
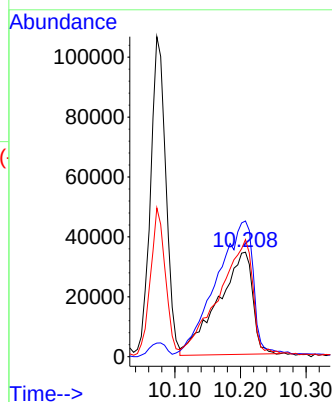
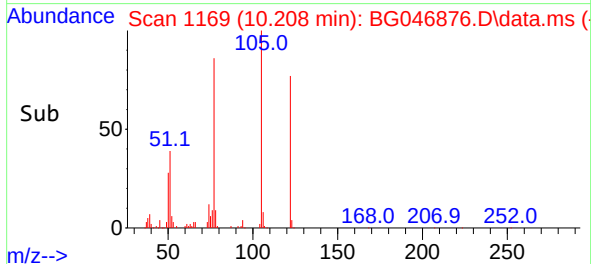
Instrument :  
BNA\_G  
ClientSampled :  
PB132232BSD



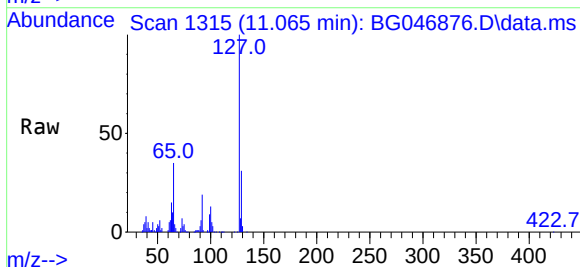
Tgt Ion:122 Resp: 124752  
Ion Ratio Lower Upper  
122 100  
105 129.9 103.7 143.7  
77 112.1 63.0 103.0#

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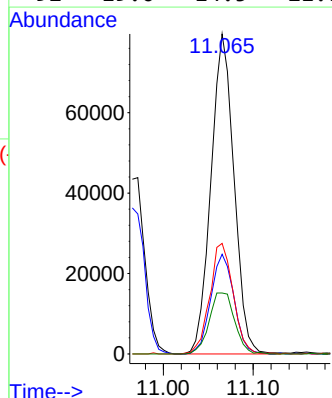
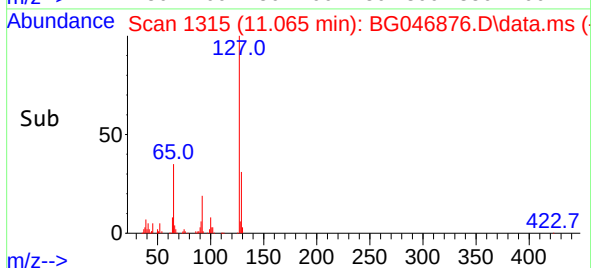
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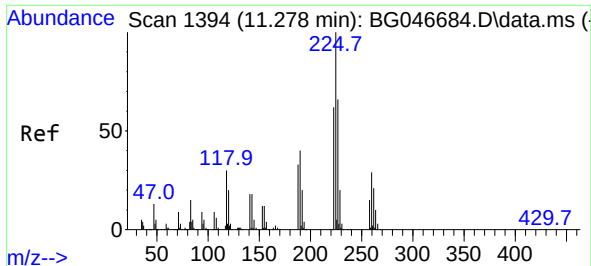


#33  
4-Chloroaniline  
Concen: 25.05 ng  
RT: 11.065 min Scan# 1315  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

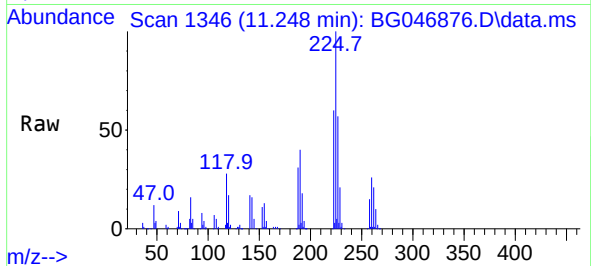


Tgt Ion:127 Resp: 141857  
Ion Ratio Lower Upper  
127 100  
129 31.1 26.8 40.2  
65 34.5 23.8 35.6  
92 19.0 14.5 21.7





#34  
Hexachlorobutadiene  
Concen: 45.93 ng  
RT: 11.248 min Scan# 1346  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

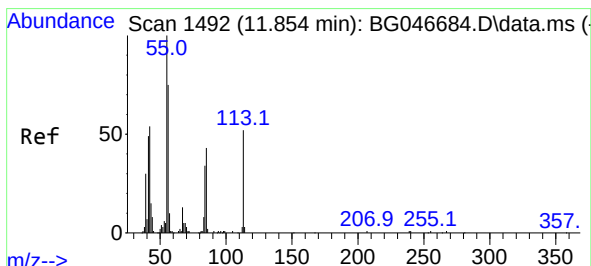
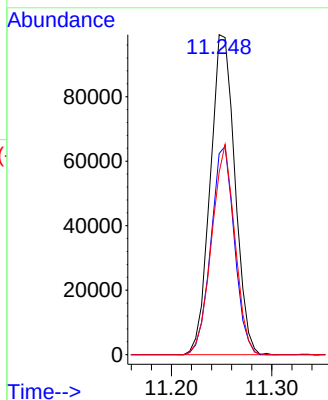
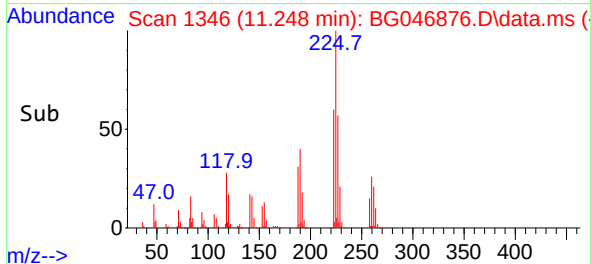


Tgt Ion:225 Resp: 168982  
Ion Ratio Lower Upper  
225 100  
223 59.6 49.5 74.3  
227 56.6 52.0 78.0

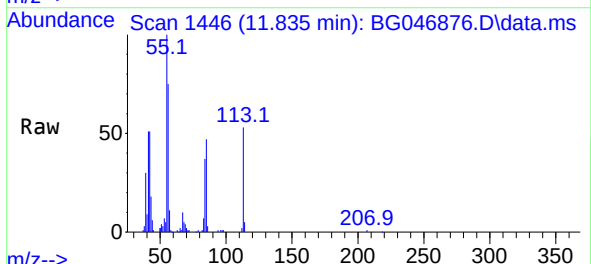
Instrument :  
BNA\_G  
ClientSampleId :  
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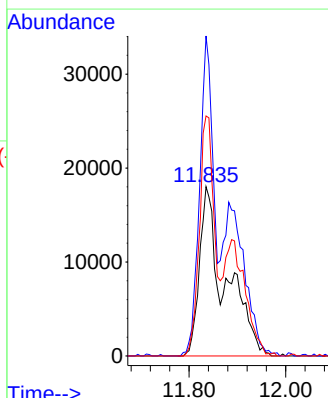
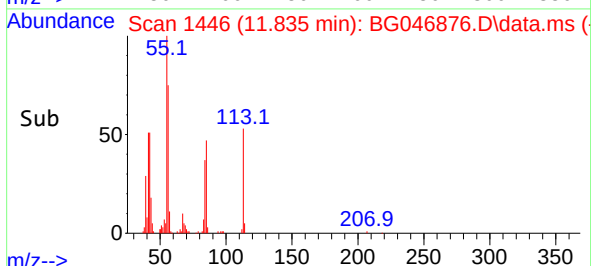
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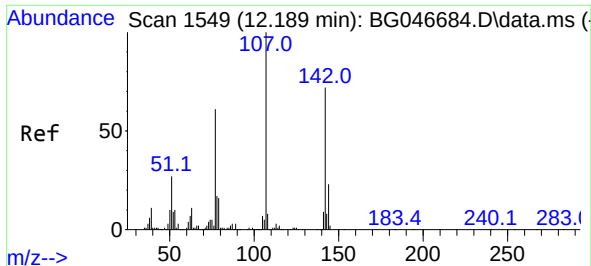


#35  
Caprolactam  
Concen: 47.10 ng m  
RT: 11.835 min Scan# 1446  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



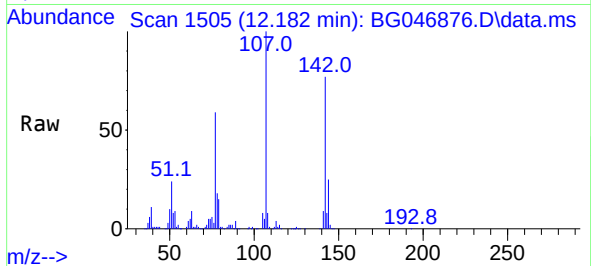
Tgt Ion:113 Resp: 67063  
Ion Ratio Lower Upper  
113 100  
55 189.0 149.2 189.2  
56 141.8 107.2 147.2





#36  
4-Chloro-3-methylphenol  
Concen: 48.54 ng  
RT: 12.182 min Scan# 1505  
Delta R.T. 0.002 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

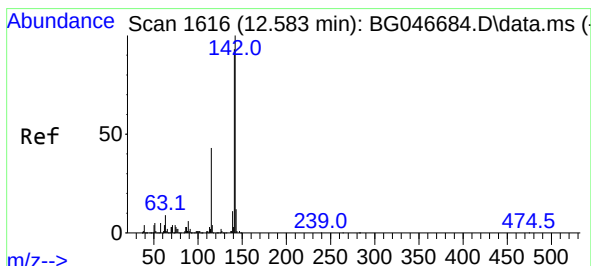
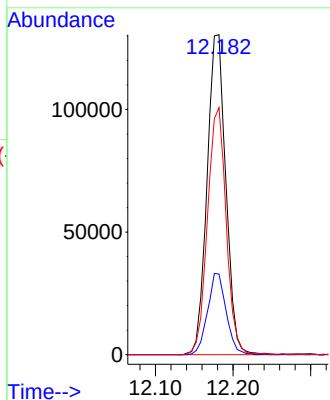
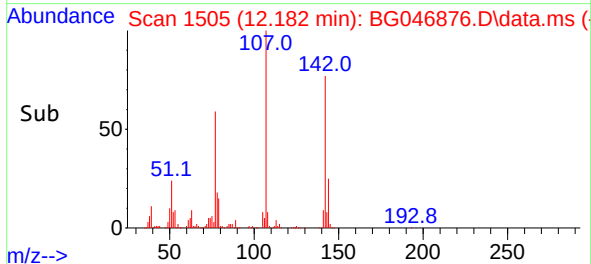
Instrument :  
BNA\_G  
ClientSampleId :  
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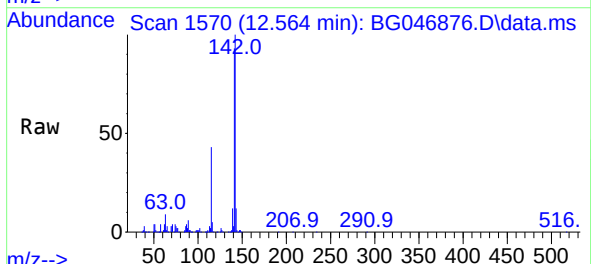
Tgt Ion:107 Resp: 219394  
Ion Ratio Lower Upper  
107 100  
144 25.2 22.5 33.7  
142 77.2 70.8 106.2

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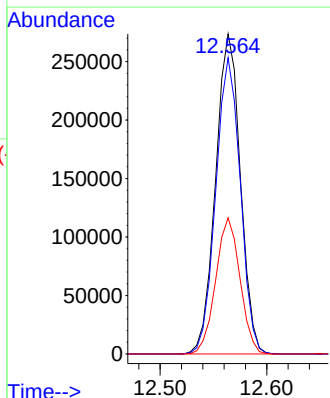
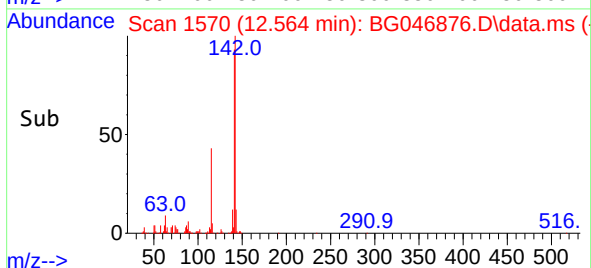
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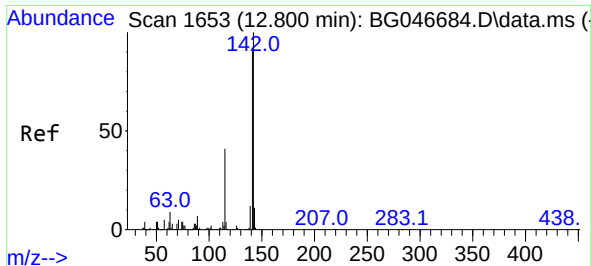


#37  
2-Methylnaphthalene  
Concen: 46.55 ng  
RT: 12.564 min Scan# 1570  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



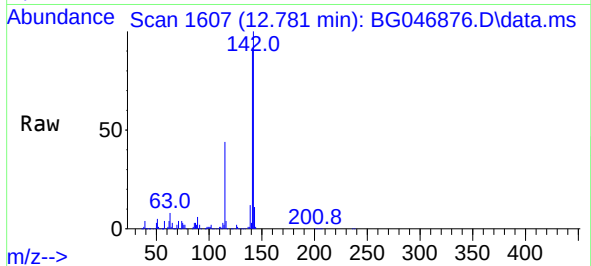
Tgt Ion:142 Resp: 441184  
Ion Ratio Lower Upper  
142 100  
141 92.5 71.6 107.4  
115 42.5 25.4 38.2#





#38  
1-Methylnaphthalene  
Concen: 48.51 ng  
RT: 12.781 min Scan# 1607  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

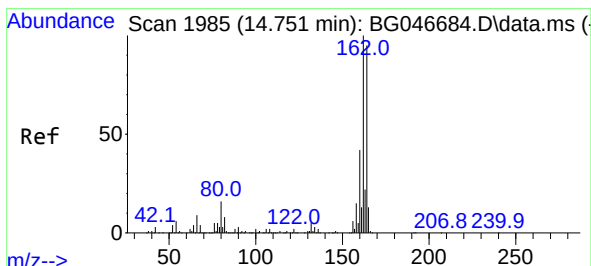
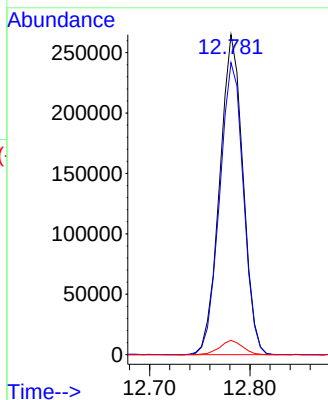
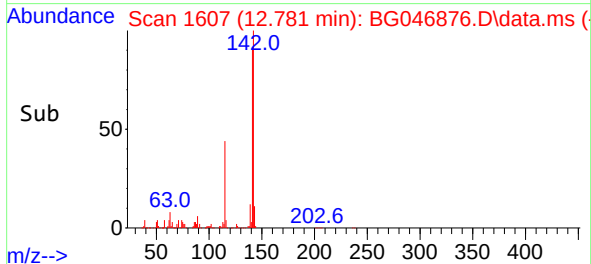
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



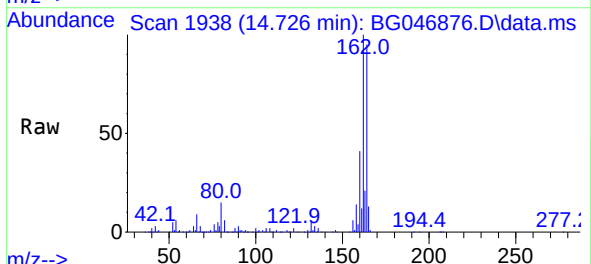
Tgt Ion:142 Resp: 426737  
Ion Ratio Lower Upper  
142 100  
141 91.2 75.4 113.2  
116 4.5 2.9 4.3#

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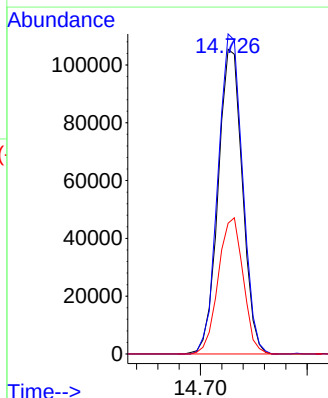
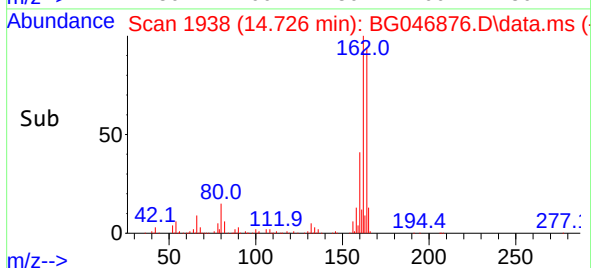
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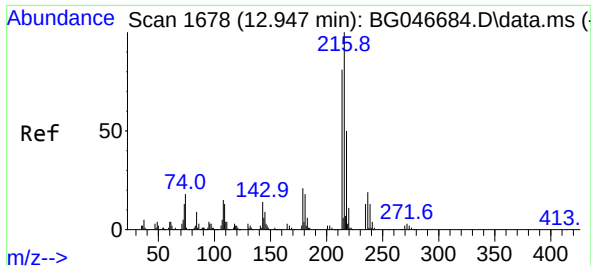


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.726 min Scan# 1938  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



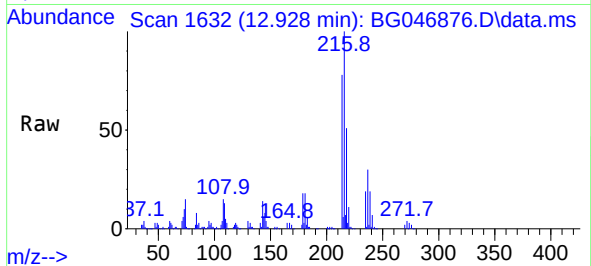
Tgt Ion:164 Resp: 166330  
Ion Ratio Lower Upper  
164 100  
162 105.0 82.3 123.5  
160 42.9 35.3 52.9





#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.42 ng  
RT: 12.928 min Scan# 1632  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

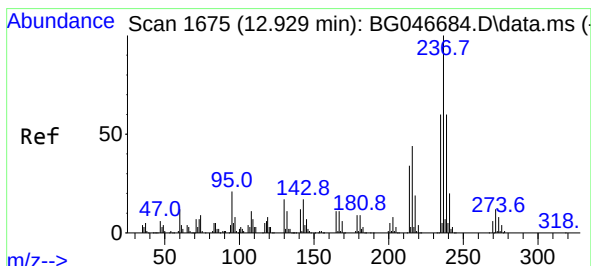
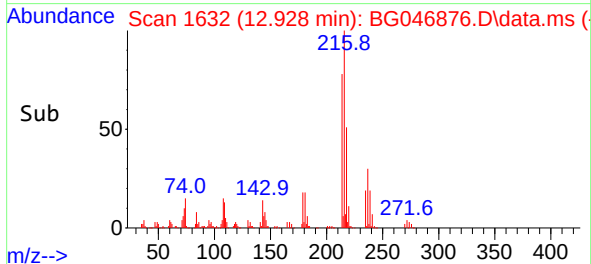
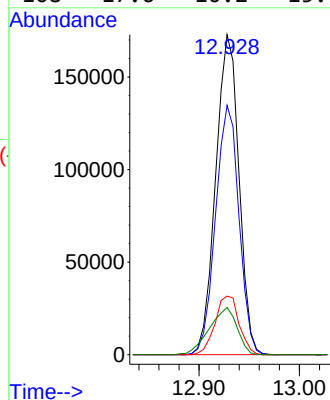
Instrument :  
BNA\_G  
ClientSampleID :  
PB132232BSD



Tgt Ion:216 Resp: 277569  
Ion Ratio Lower Upper  
216 100  
214 78.5 61.9 92.9  
179 19.0 14.8 22.2  
108 17.6 10.2 15.4#

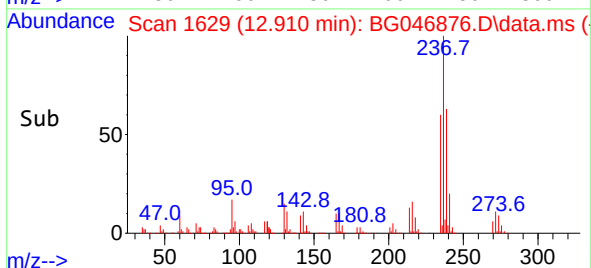
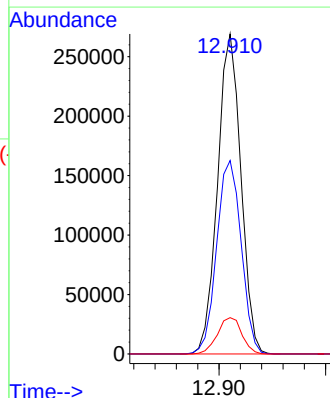
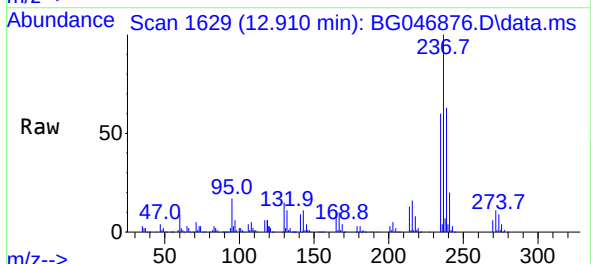
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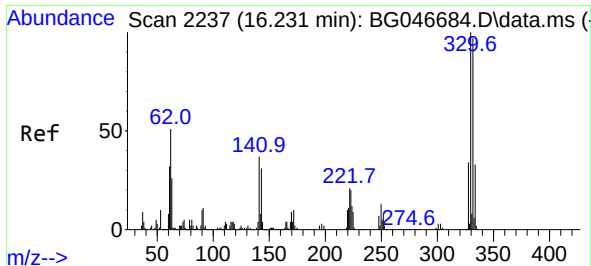
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#41  
Hexachlorocyclopentadiene  
Concen: 117.45 ng  
RT: 12.910 min Scan# 1629  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

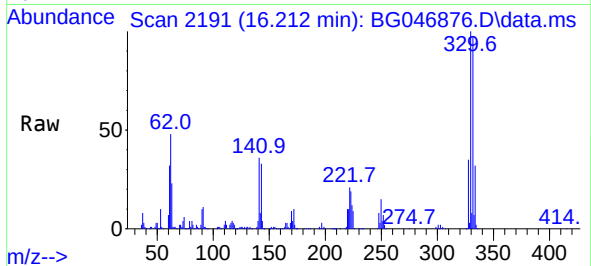
Tgt Ion:237 Resp: 408470  
Ion Ratio Lower Upper  
237 100  
235 60.4 43.1 83.1  
272 11.4 0.0 33.1





#42  
2,4,6-Tribromophenol  
Concen: 156.85 ng  
RT: 16.212 min Scan# 2191  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

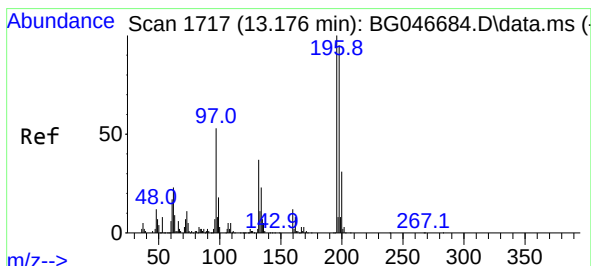
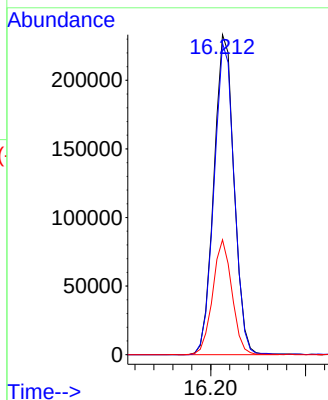
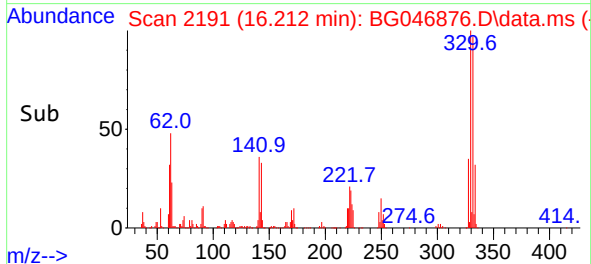
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



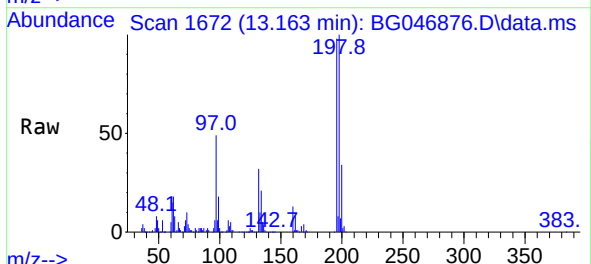
Tgt Ion:330 Resp: 343993  
Ion Ratio Lower Upper  
330 100  
332 97.2 76.5 114.7  
141 34.5 26.0 39.0

Manual Integrations  
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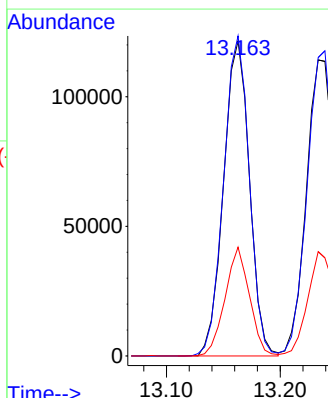
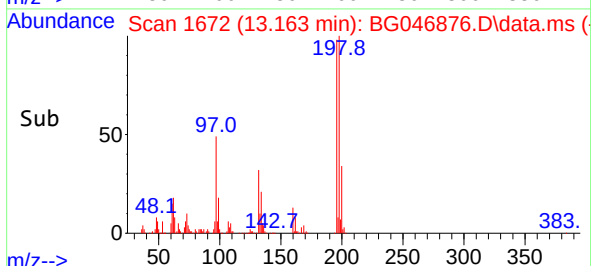
mohammad  
10/14/2020 10:25:24 AM



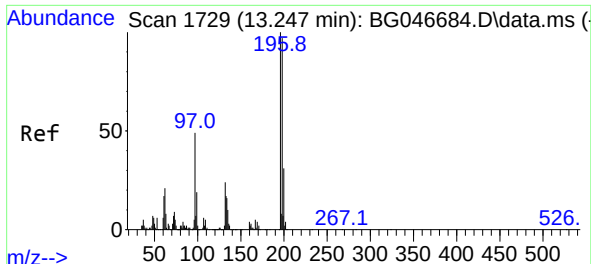
#43  
2,4,6-Trichlorophenol  
Concen: 51.12 ng  
RT: 13.163 min Scan# 1672  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



Tgt Ion:196 Resp: 192230  
Ion Ratio Lower Upper  
196 100  
198 101.6 74.9 112.3  
200 34.6 25.3 37.9

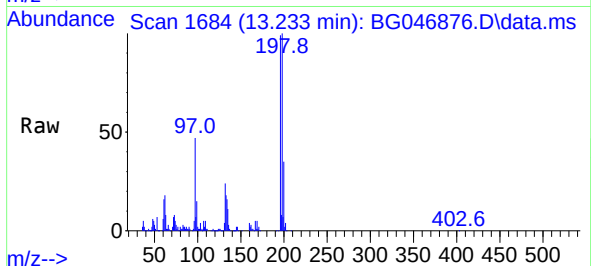






#44  
2,4,5-Trichlorophenol  
Concen: 53.14 ng  
RT: 13.233 min Scan# 1684  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

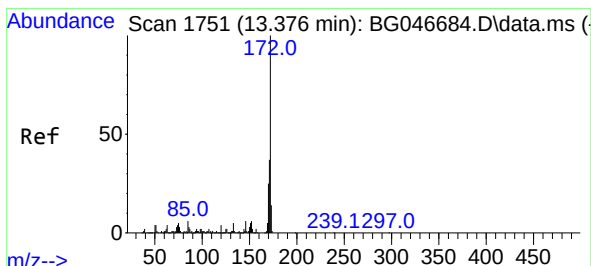
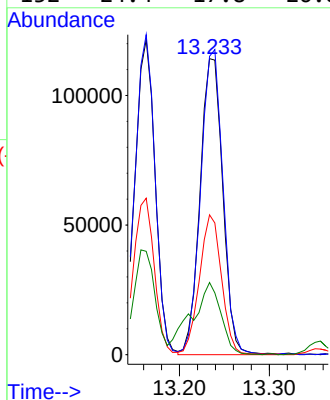
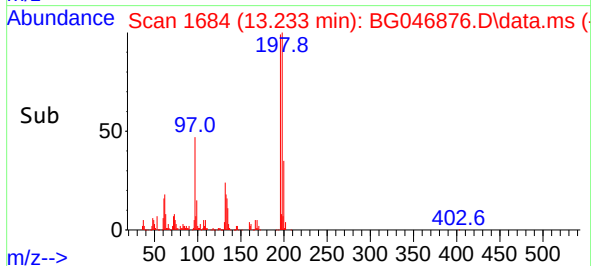
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



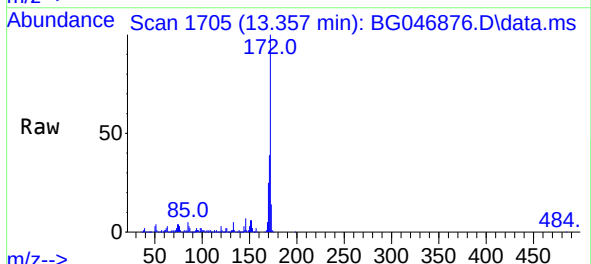
Tgt Ion:196 Resp: 201092  
Ion Ratio Lower Upper  
196 100  
198 100.8 77.6 116.4  
97 47.2 28.6 43.0#  
132 24.4 17.8 26.8

Manual Integrations  
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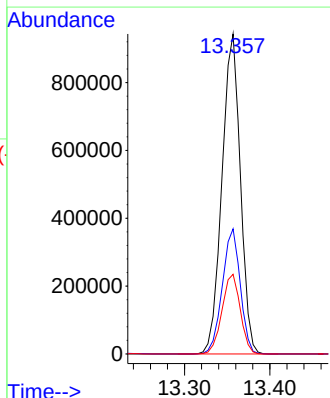
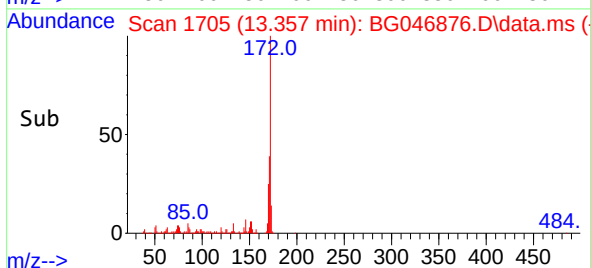
mohammad  
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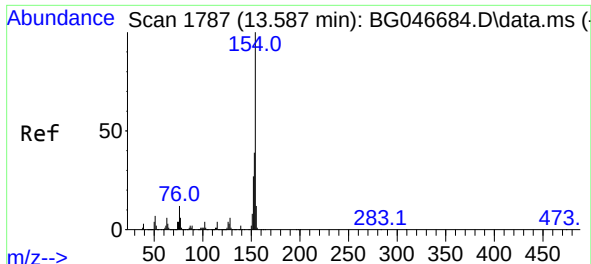


#45  
2-Fluorobiphenyl  
Concen: 120.35 ng  
RT: 13.357 min Scan# 1705  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



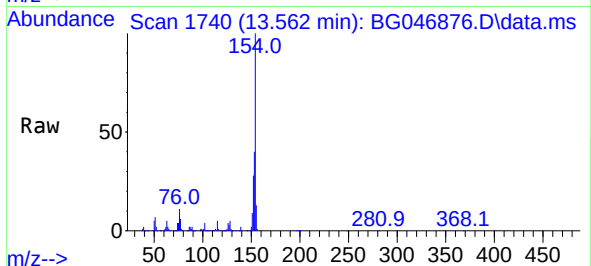
Tgt Ion:172 Resp: 1413966  
Ion Ratio Lower Upper  
172 100  
171 39.1 31.3 46.9  
170 24.9 20.8 31.2





#46  
1,1'-Biphenyl  
Concen: 45.87 ng  
RT: 13.562 min Scan# 1740  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

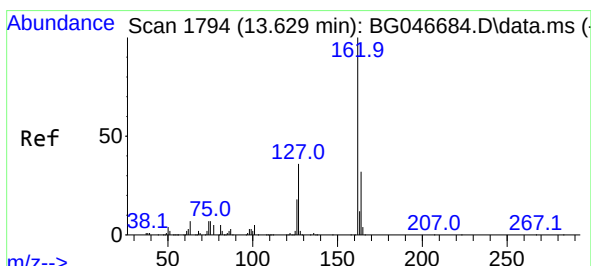
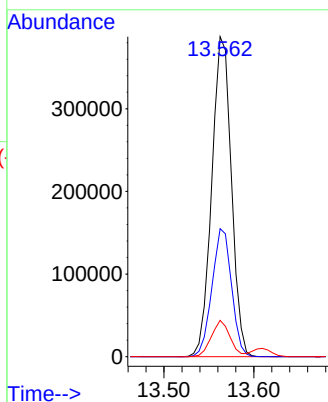
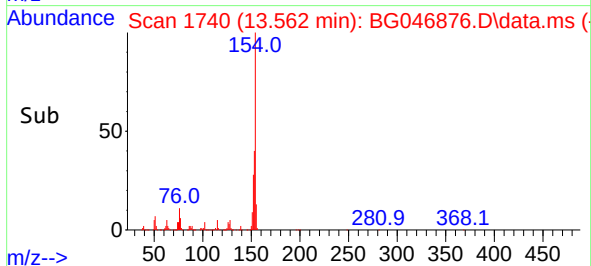
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



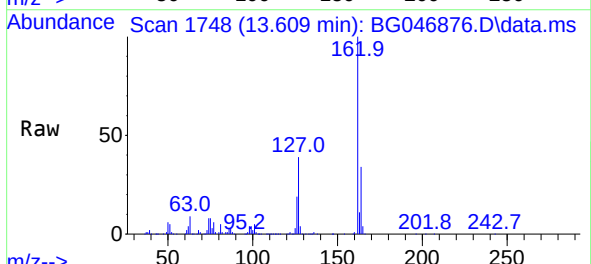
Tgt Ion:154 Resp: 586581  
Ion Ratio Lower Upper  
154 100  
153 40.0 22.6 62.6  
76 11.3 0.0 32.6

Manual Integrations  
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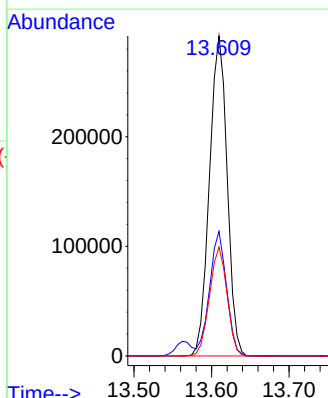
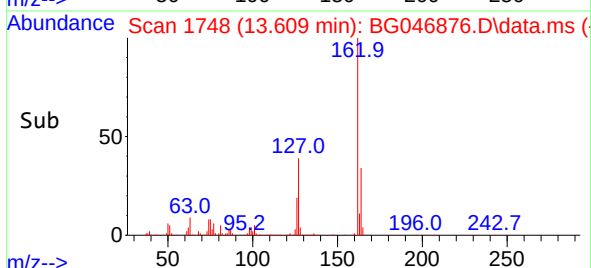
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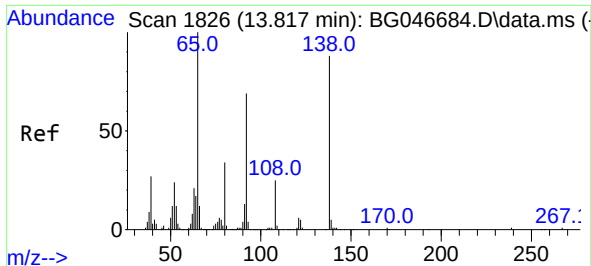


#47  
2-Chloronaphthalene  
Concen: 44.51 ng  
RT: 13.609 min Scan# 1748  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



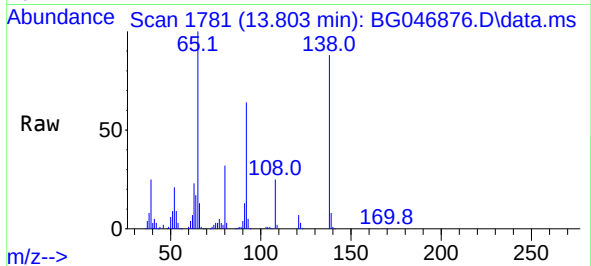
Tgt Ion:162 Resp: 462495  
Ion Ratio Lower Upper  
162 100  
127 38.9 27.8 41.6  
164 34.0 27.0 40.4





#48  
2-Nitroaniline  
Concen: 57.43 ng  
RT: 13.803 min Scan# 1781  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

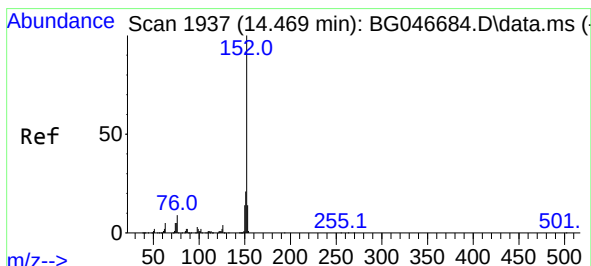
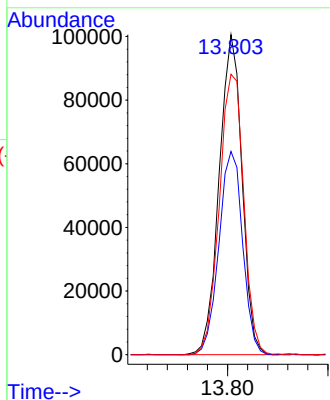
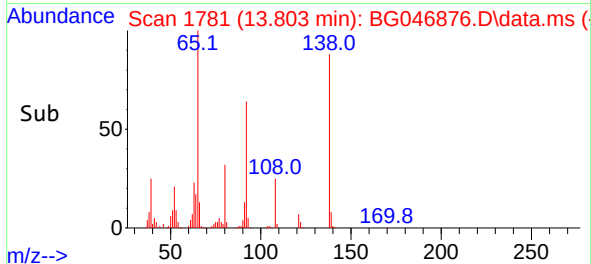
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



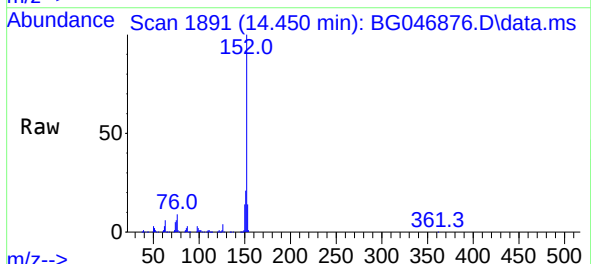
Tgt Ion: 65 Resp: 158421  
Ion Ratio Lower Upper  
65 100  
92 63.5 58.6 88.0  
138 87.6 98.2 147.4#

Manual Integrations  
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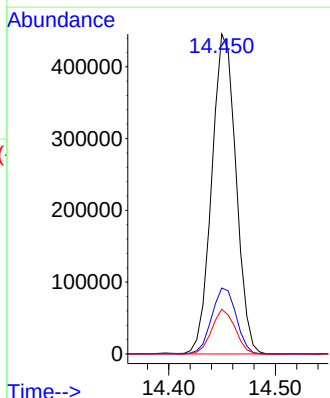
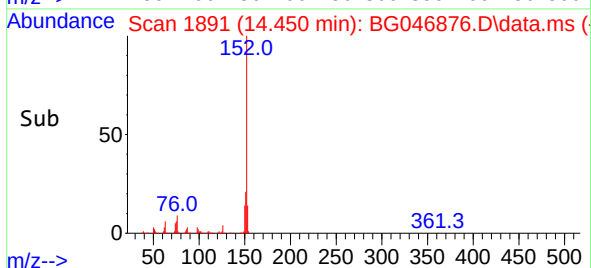
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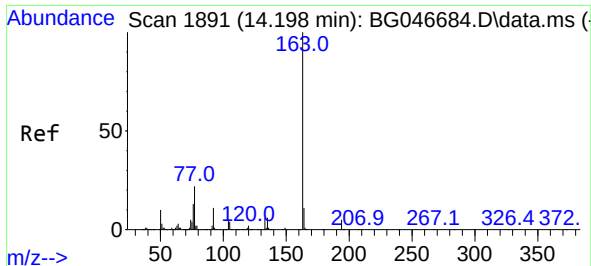


#49  
Acenaphthylene  
Concen: 45.94 ng  
RT: 14.450 min Scan# 1891  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



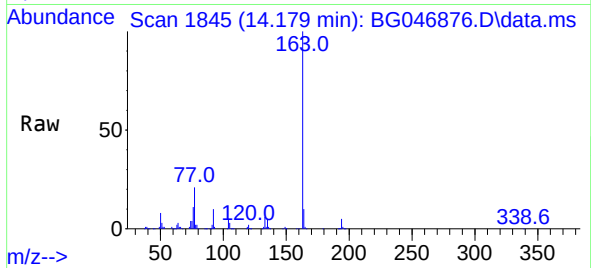
Tgt Ion: 152 Resp: 702584  
Ion Ratio Lower Upper  
152 100  
151 20.6 17.4 26.0  
153 14.0 11.5 17.3





#50  
Dimethylphthalate  
Concen: 45.90 ng  
RT: 14.179 min Scan# 1845  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

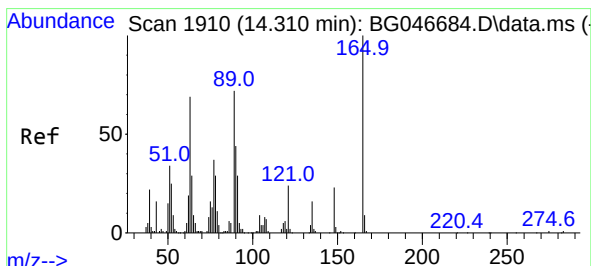
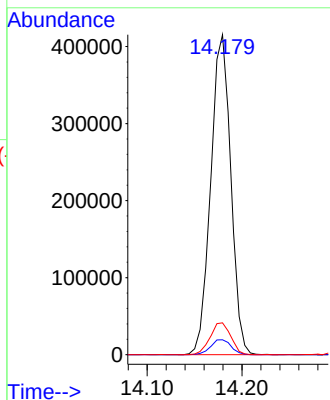
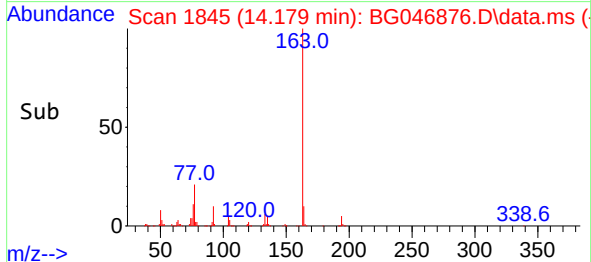
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



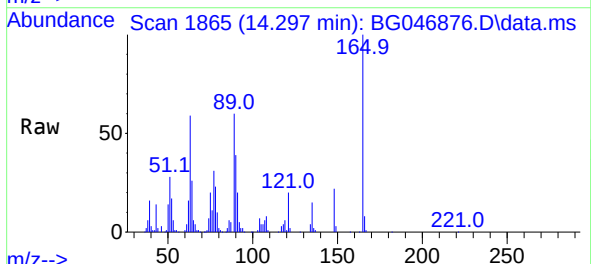
Tgt Ion:163 Resp: 609818  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.8 5.8  
164 9.9 8.8 13.2

Manual Integrations  
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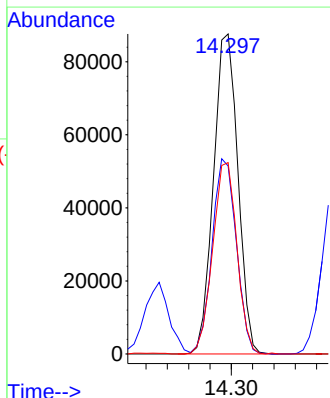
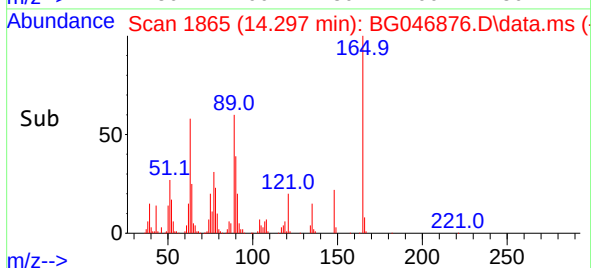
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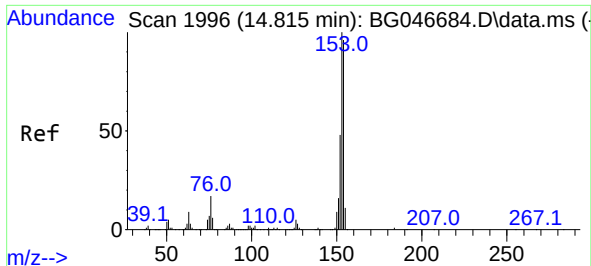


#51  
2,6-Dinitrotoluene  
Concen: 64.37 ng  
RT: 14.297 min Scan# 1865  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

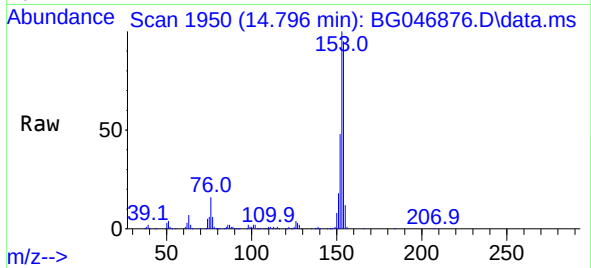


Tgt Ion:165 Resp: 138976  
Ion Ratio Lower Upper  
165 100  
63 58.7 33.7 50.5#  
89 59.8 36.6 54.8#

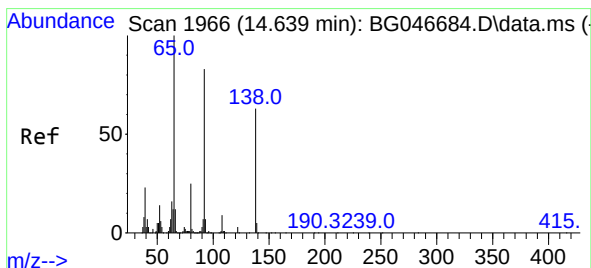
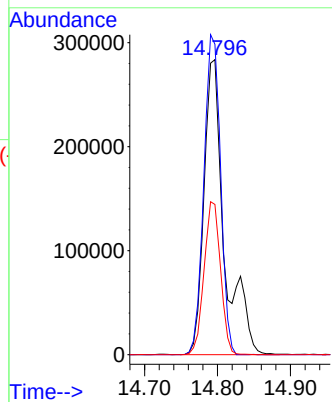
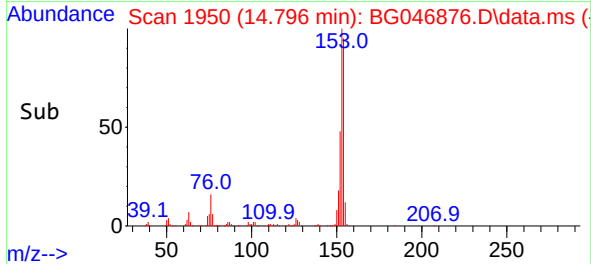




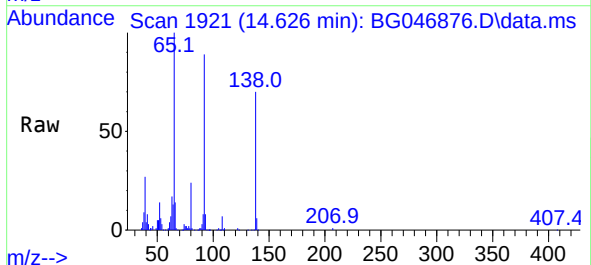
#52  
Acenaphthene  
Concen: 53.29 ng m  
RT: 14.796 min Scan# 1950  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



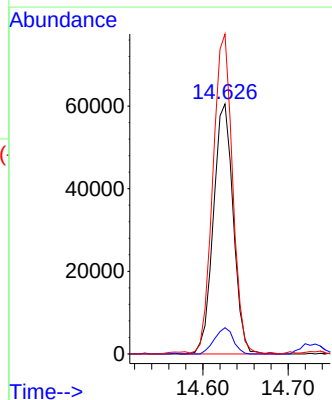
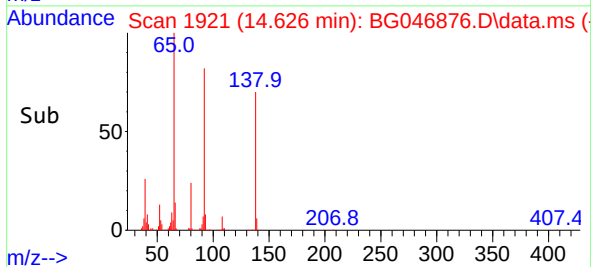
Tgt Ion:154 Resp: 553418  
Ion Ratio Lower Upper  
154 100  
153 105.2 90.3 135.5  
152 50.9 43.8 65.8



#53  
3-Nitroaniline  
Concen: 40.06 ng  
RT: 14.626 min Scan# 1921  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



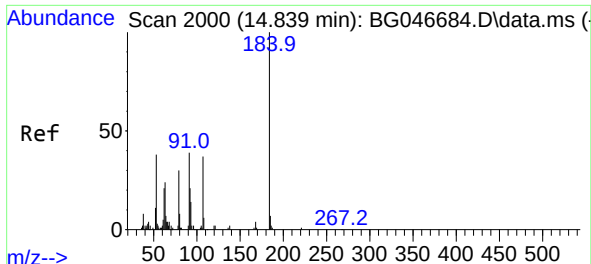
Tgt Ion:138 Resp: 97738  
Ion Ratio Lower Upper  
138 100  
108 10.5 7.4 11.0  
92 128.0 85.2 127.8#



Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD

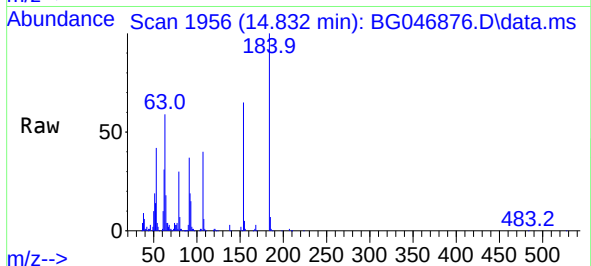
Manual Integrations  
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#54  
2,4-Dinitrophenol  
Concen: 150.82 ng  
RT: 14.832 min Scan# 1956  
Delta R.T. 0.002 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

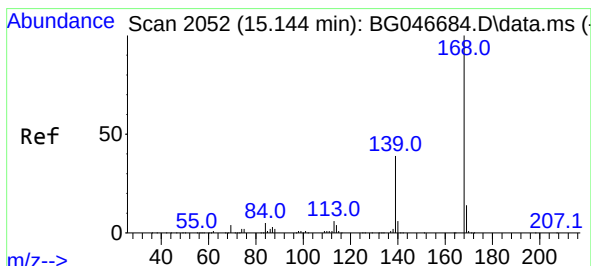
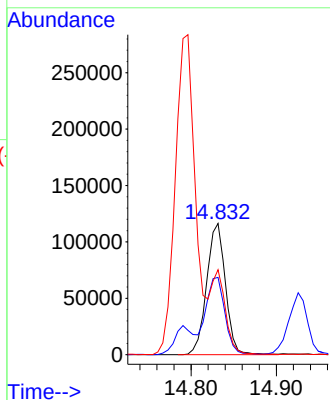
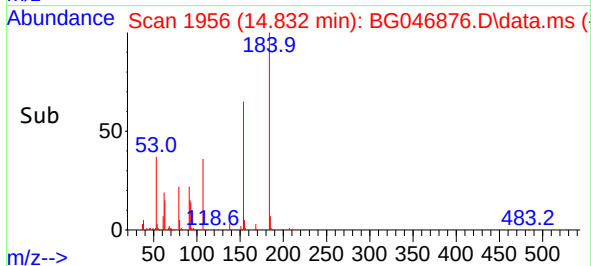
Instrument :  
BNA\_G  
ClientSampled :  
PB132232BSD



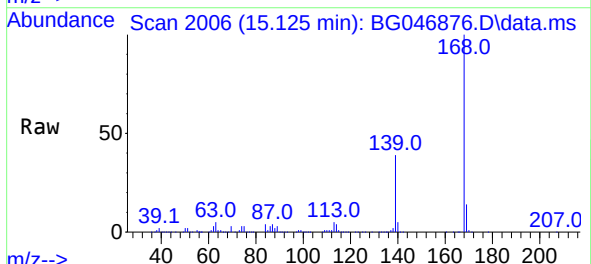
Tgt Ion:184 Resp: 177847  
Ion Ratio Lower Upper  
184 100  
63 59.0 32.3 48.5#  
154 64.9 40.4 60.6#

Manual Integrations  
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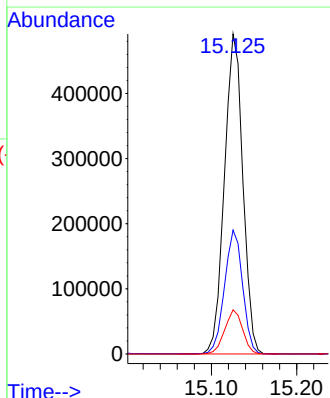
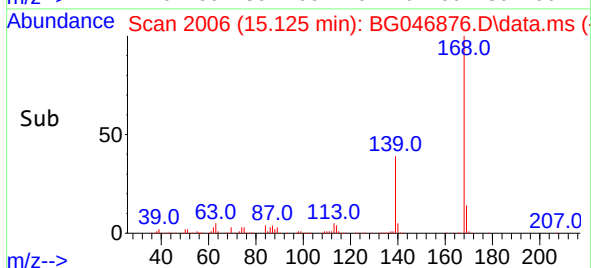
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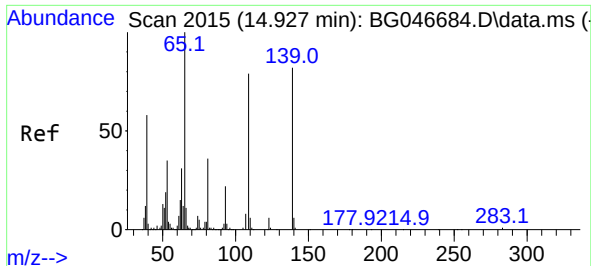


#55  
Dibenzofuran  
Concen: 47.05 ng  
RT: 15.125 min Scan# 2006  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



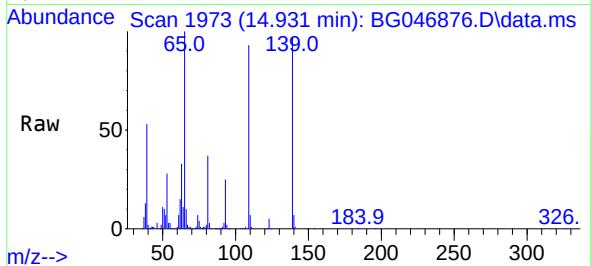
Tgt Ion:168 Resp: 737813  
Ion Ratio Lower Upper  
168 100  
139 38.7 28.6 43.0  
169 13.8 11.0 16.6





#56  
4-Nitrophenol  
Concen: 116.64 ng  
RT: 14.931 min Scan# 1973  
Delta R.T. 0.008 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

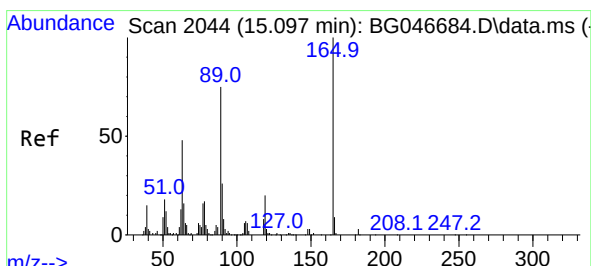
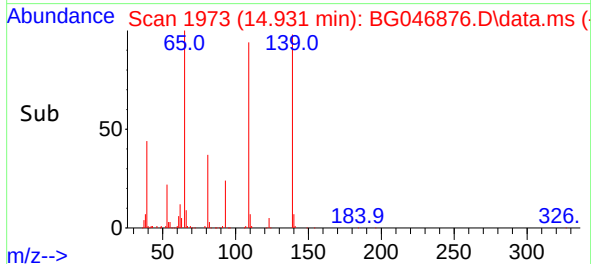
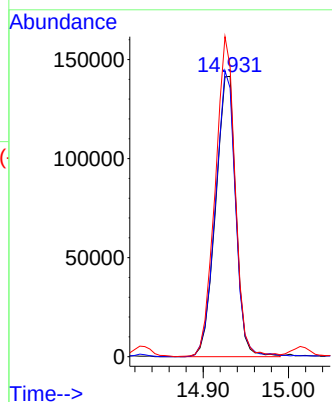
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



Tgt Ion:139 Resp: 234390  
Ion Ratio Lower Upper  
139 100  
109 95.8 45.9 85.9#  
65 103.3 65.4 105.4

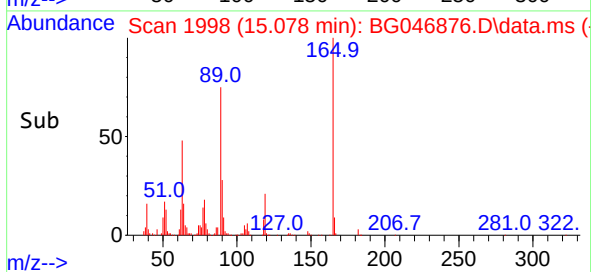
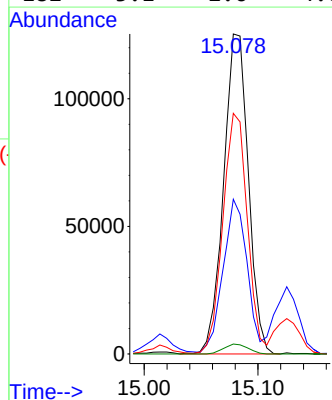
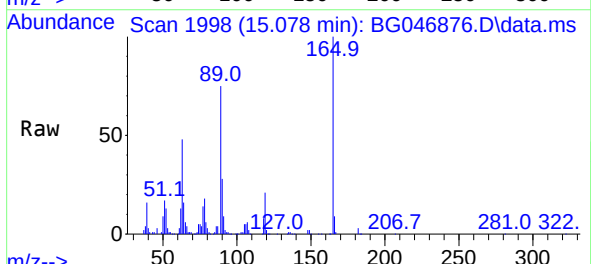
Manual Integrations  
APPROVED

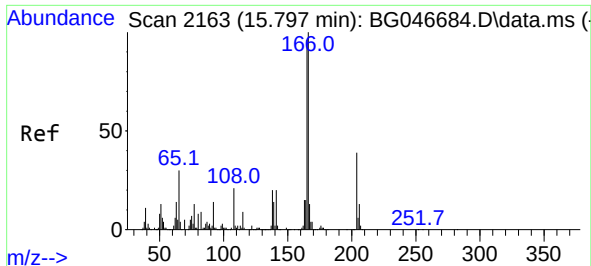
mohammad  
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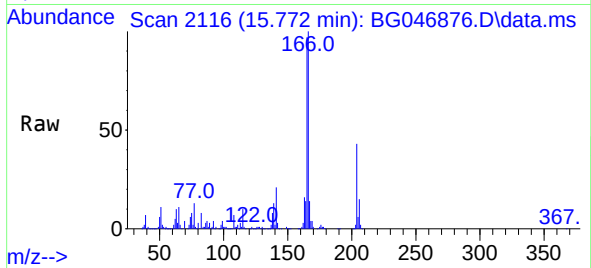
#57  
2,4-Dinitrotoluene  
Concen: 66.41 ng  
RT: 15.078 min Scan# 1998  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:165 Resp: 189880  
Ion Ratio Lower Upper  
165 100  
63 48.3 26.4 39.6#  
89 75.2 47.8 71.8#  
182 3.1 2.6 4.0

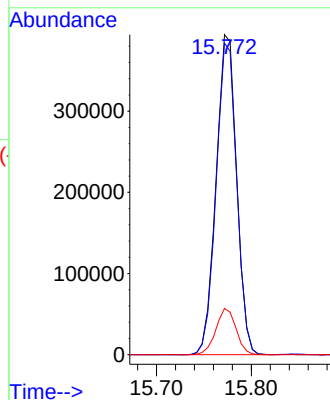
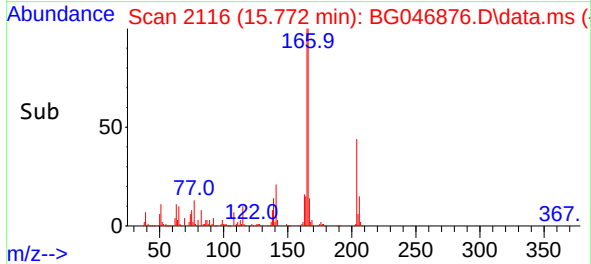




#58  
Fluorene  
Concen: 47.37 ng  
RT: 15.772 min Scan# 2116  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



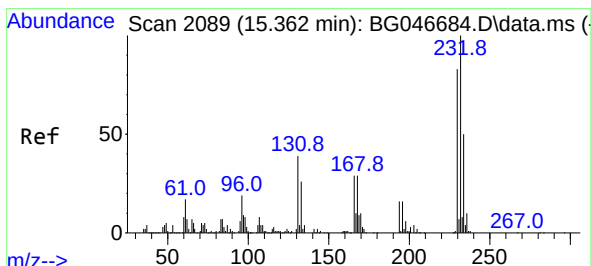
Tgt Ion:166 Resp: 594775  
Ion Ratio Lower Upper  
166 100  
165 97.4 77.2 115.8  
167 14.5 11.4 17.2



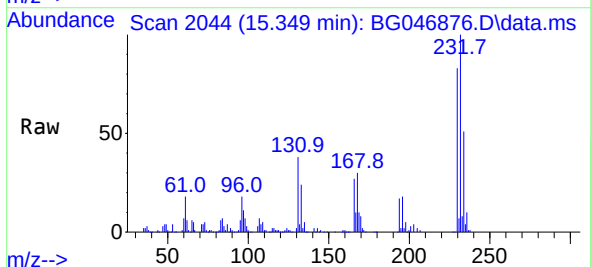
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD

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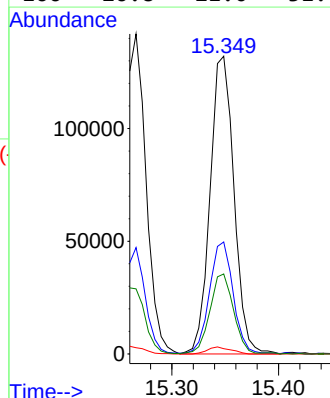
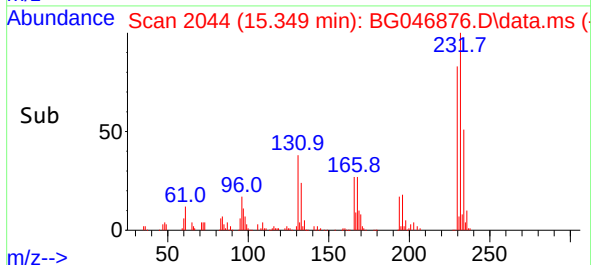
mohammad  
10/14/2020 10:25:24 AM



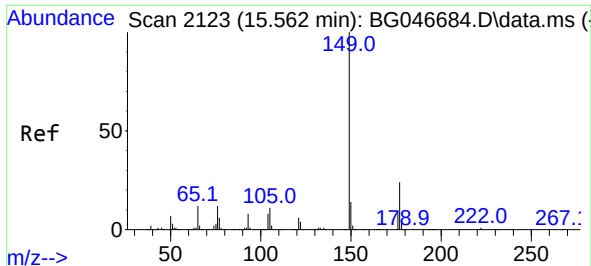
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.33 ng  
RT: 15.349 min Scan# 2044  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



Tgt Ion:232 Resp: 205527  
Ion Ratio Lower Upper  
232 100  
131 37.1 26.6 40.0  
130 2.3 1.4 2.0#  
166 26.8 21.0 31.6

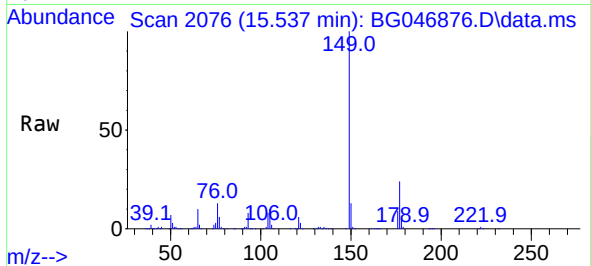






#60  
Diethylphthalate  
Concen: 45.72 ng  
RT: 15.537 min Scan# 2076  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

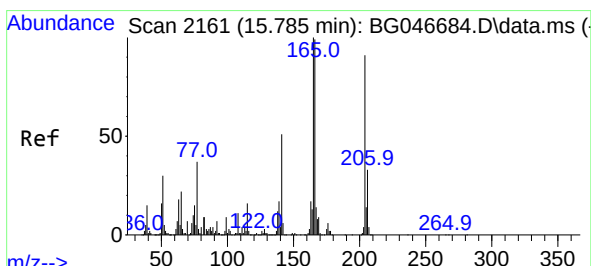
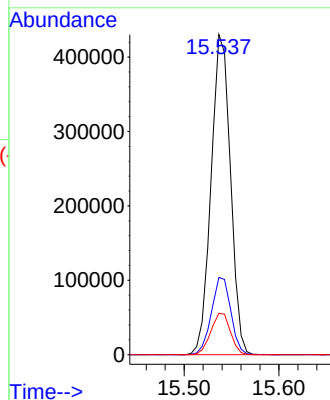
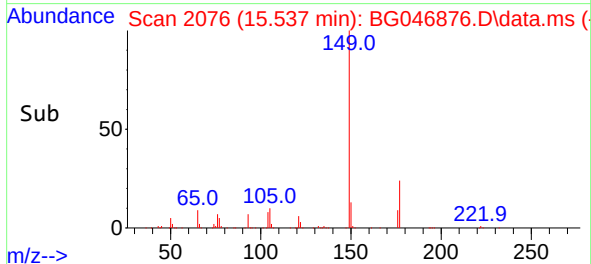
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



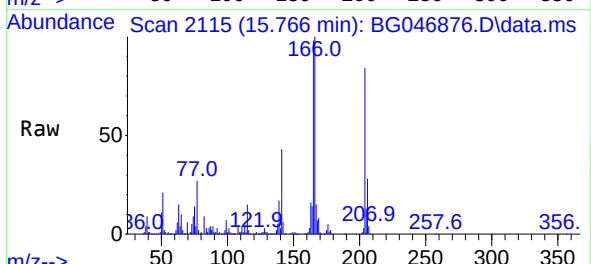
Tgt Ion:149 Resp: 610703  
Ion Ratio Lower Upper  
149 100  
177 24.2 21.4 32.2  
150 12.9 10.7 16.1

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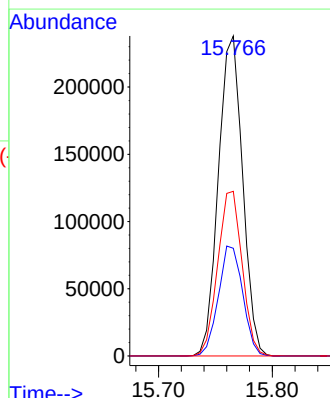
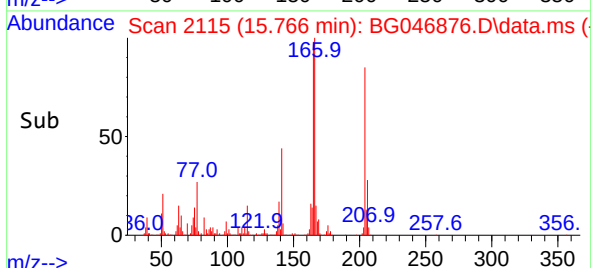
mohammad  
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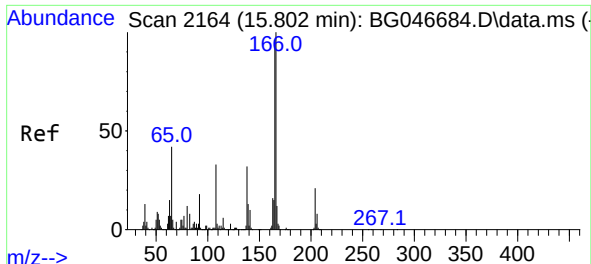


#61  
4-Chlorophenyl-phenylether  
Concen: 49.17 ng  
RT: 15.766 min Scan# 2115  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



Tgt Ion:204 Resp: 352460  
Ion Ratio Lower Upper  
204 100  
206 33.6 27.8 41.8  
141 51.5 41.5 62.3





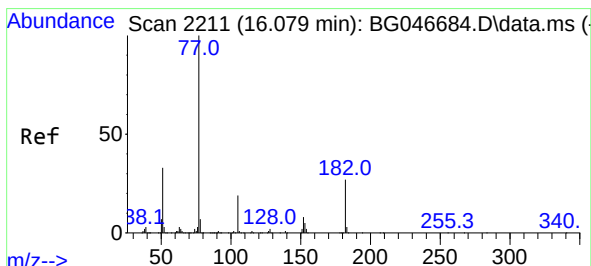
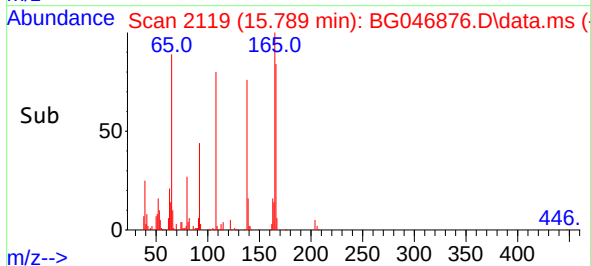
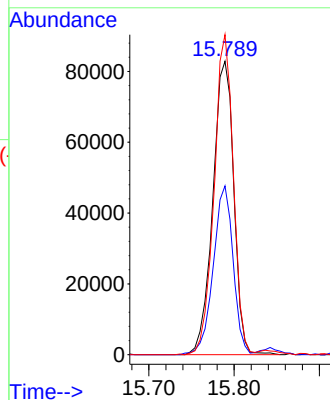
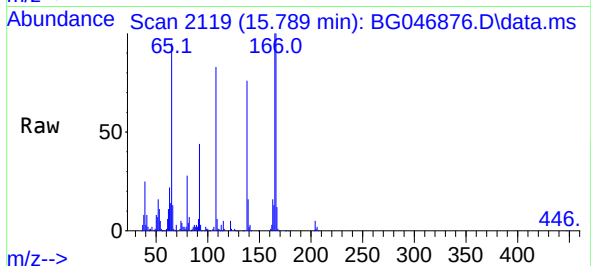
#62  
4-Nitroaniline  
Concen: 52.39 ng  
RT: 15.789 min Scan# 2119  
Delta R.T. 0.002 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:138 Resp: 141918  
Ion Ratio Lower Upper  
138 100  
92 57.5 26.9 66.9  
108 109.0 49.4 89.4#

Instrument :  
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ClientSampleId :  
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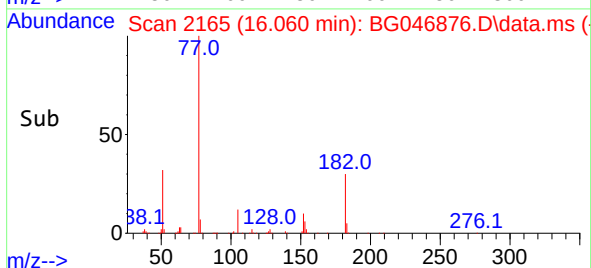
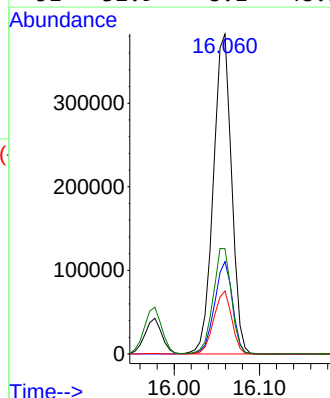
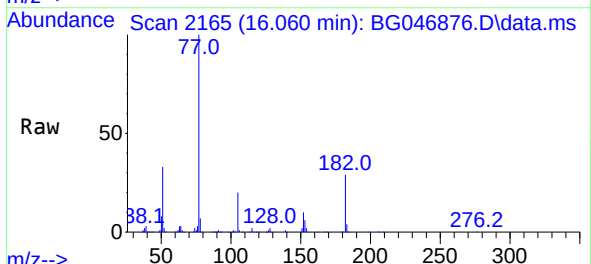
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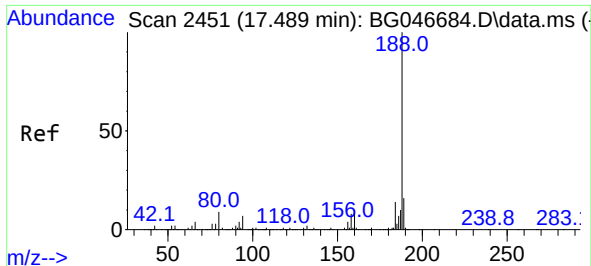
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#63  
Azobenzene  
Concen: 43.25 ng  
RT: 16.060 min Scan# 2165  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

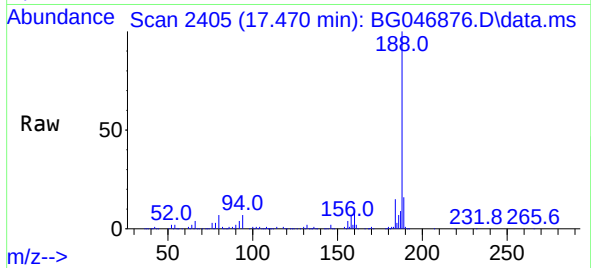
Tgt Ion: 77 Resp: 567920  
Ion Ratio Lower Upper  
77 100  
182 28.8 14.0 54.0  
105 19.7 3.0 43.0  
51 32.9 8.1 48.1





#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.470 min Scan# 2405  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

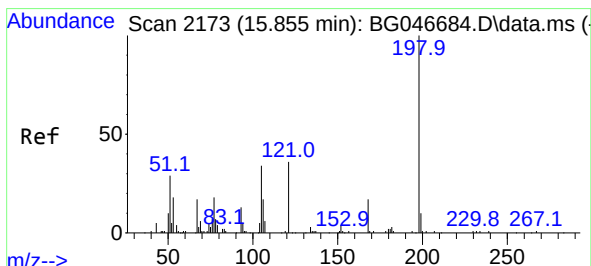
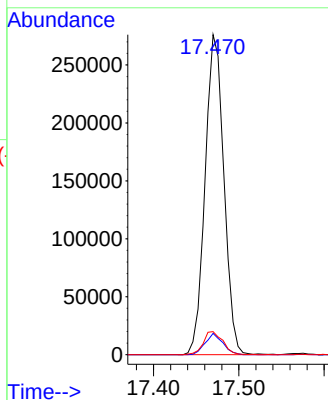
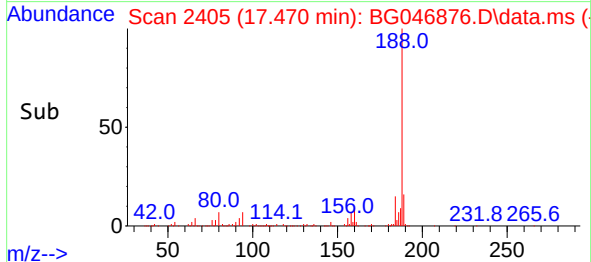
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



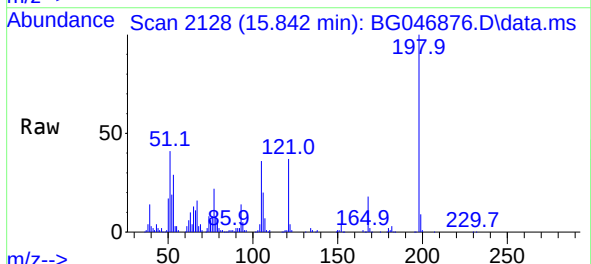
Tgt Ion:188 Resp: 422765  
Ion Ratio Lower Upper  
188 100  
94 6.6 6.3 9.5  
80 7.2 7.0 10.6

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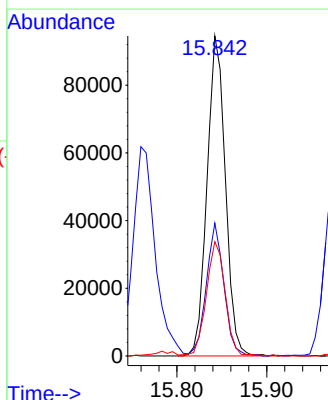
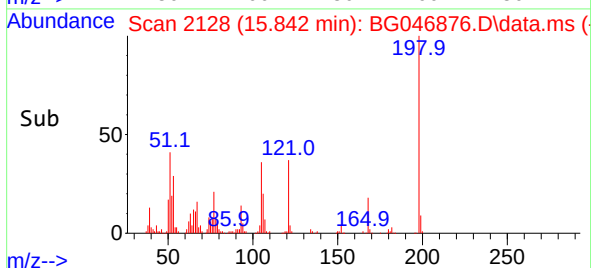
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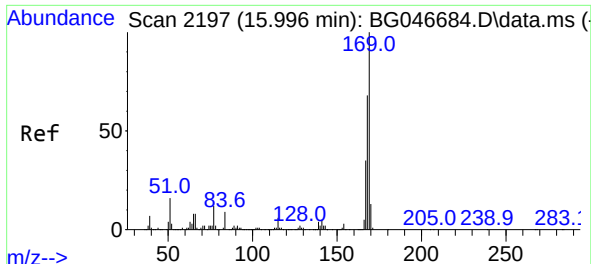


#65  
4,6-Dinitro-2-methylphenol  
Concen: 76.45 ng  
RT: 15.842 min Scan# 2128  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



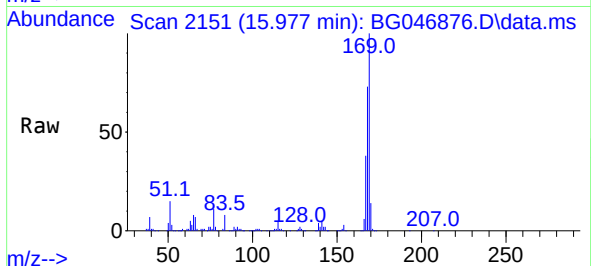
Tgt Ion:198 Resp: 134164  
Ion Ratio Lower Upper  
198 100  
51 41.5 10.4 50.4  
105 35.7 12.9 52.9





#66  
n-Nitrosodiphenylamine  
Concen: 42.21 ng  
RT: 15.977 min Scan# 2151  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

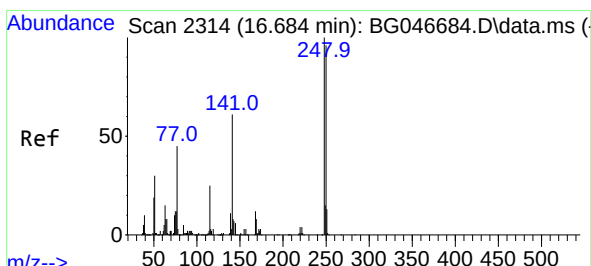
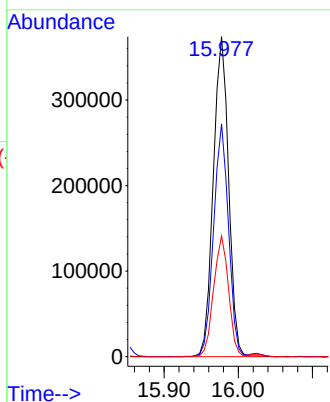
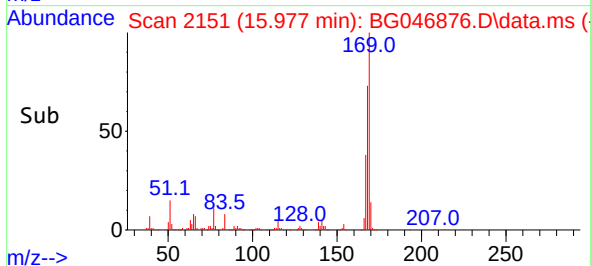
Instrument :  
BNA\_G  
ClientSampleID :  
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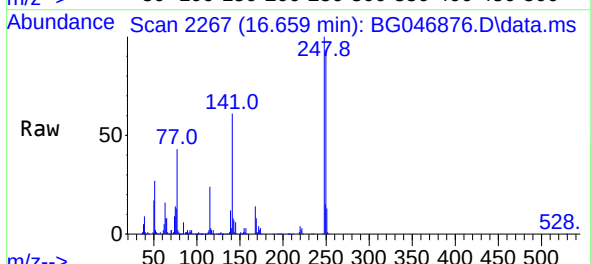
Tgt Ion:169 Resp: 536121  
Ion Ratio Lower Upper  
169 100  
168 72.7 55.5 83.3  
167 37.8 30.5 45.7

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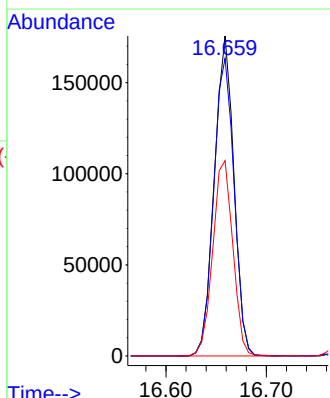
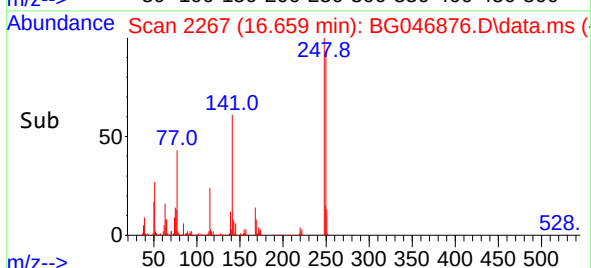
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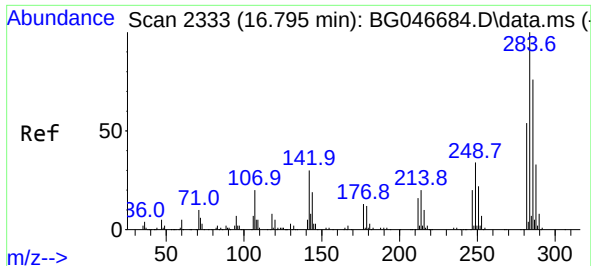


#67  
4-Bromophenyl-phenylether  
Concen: 44.49 ng  
RT: 16.659 min Scan# 2267  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

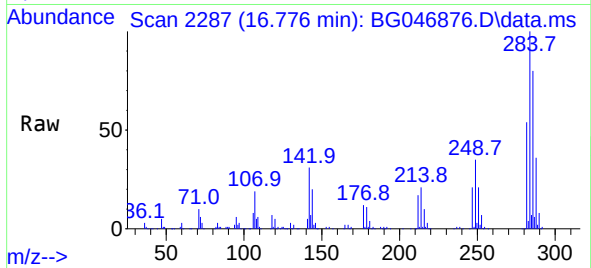


Tgt Ion:248 Resp: 237649  
Ion Ratio Lower Upper  
248 100  
250 93.0 78.9 118.3  
141 61.0 46.2 69.4

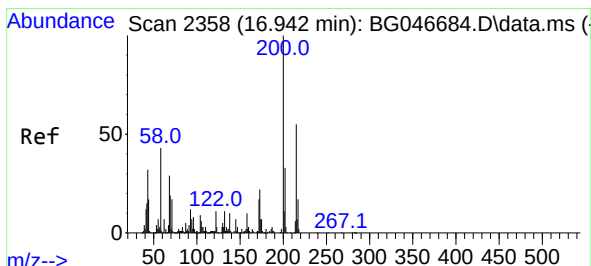
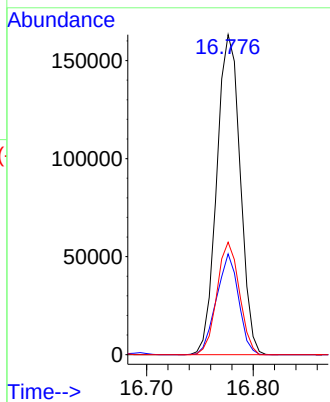
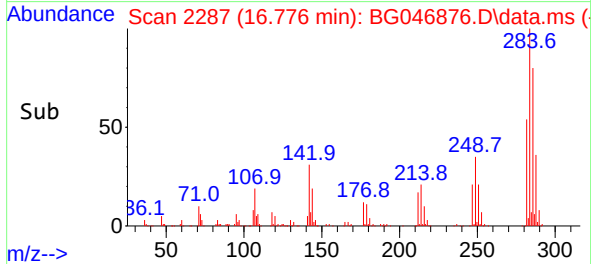




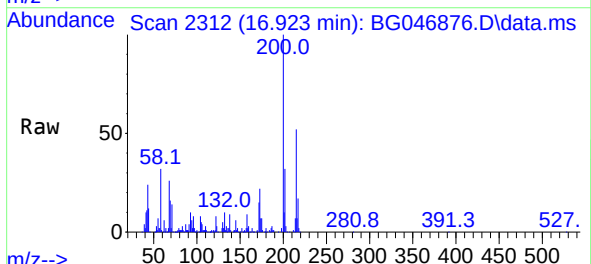
#68  
Hexachlorobenzene  
Concen: 43.25 ng  
RT: 16.776 min Scan# 2287  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



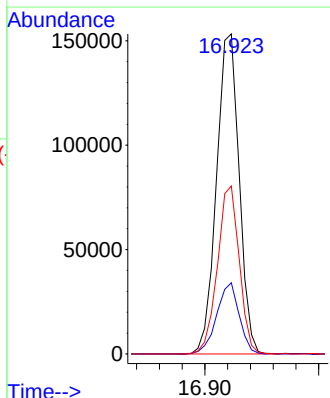
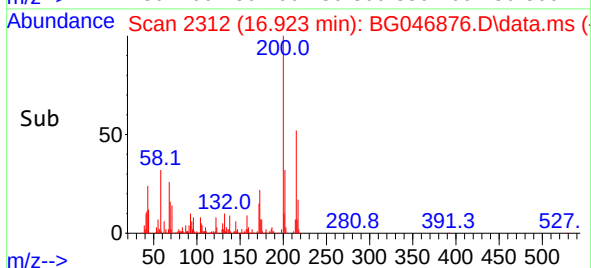
Tgt Ion:284 Resp: 248575  
Ion Ratio Lower Upper  
284 100  
142 31.5 21.1 31.7  
249 37.7 25.9 38.9



#69  
Atrazine  
Concen: 41.55 ng  
RT: 16.923 min Scan# 2312  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



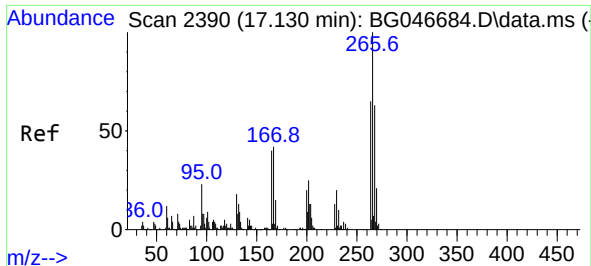
Tgt Ion:200 Resp: 212044  
Ion Ratio Lower Upper  
200 100  
173 22.2 4.2 44.2  
215 52.5 30.0 70.0



Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD

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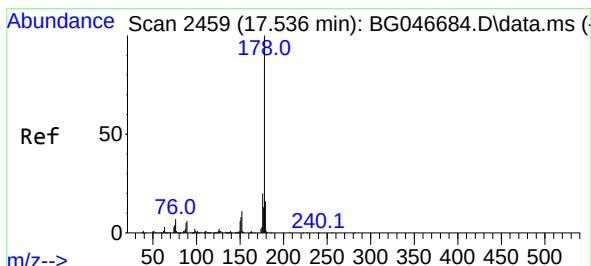
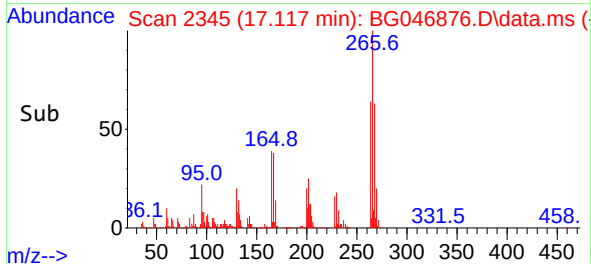
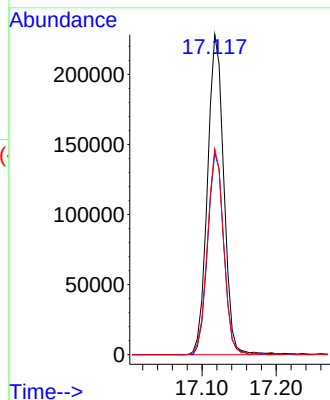
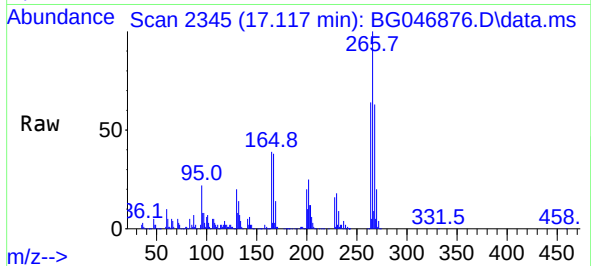
#70  
Pentachlorophenol  
Concen: 105.16 ng  
RT: 17.117 min Scan# 2345  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:266 Resp: 348900  
Ion Ratio Lower Upper  
266 100  
268 67.8 49.8 74.6  
264 69.7 49.3 73.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD

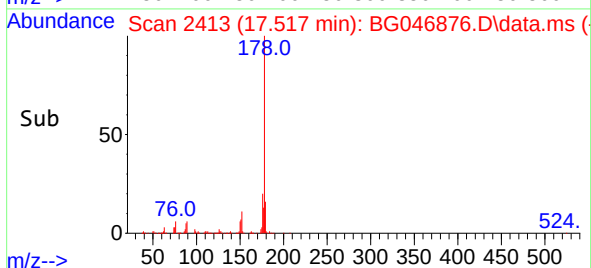
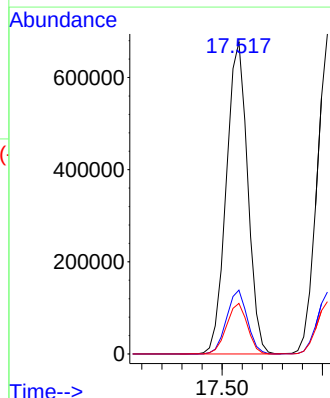
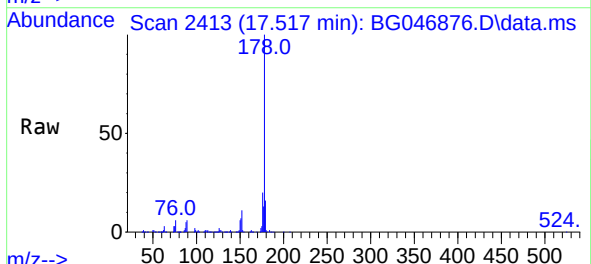
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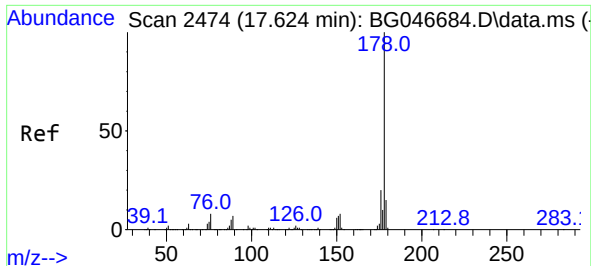
mohammad  
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#71  
Phenanthrene  
Concen: 43.59 ng  
RT: 17.517 min Scan# 2413  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

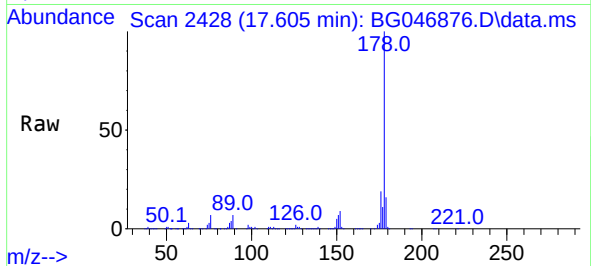
Tgt Ion:178 Resp: 1000514  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.7 25.1  
179 16.2 14.0 21.0





#72  
 Anthracene  
 Concen: 45.18 ng  
 RT: 17.605 min Scan# 2428  
 Delta R.T. -0.004 min  
 Lab File: BG046876.D  
 Acq: 13 Oct 2020 16:23

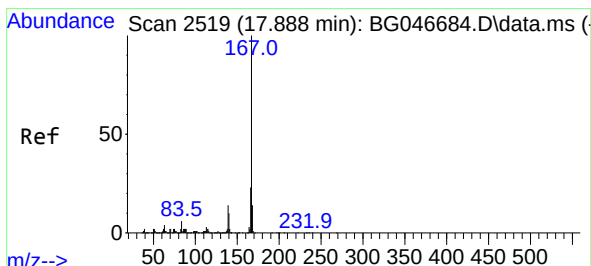
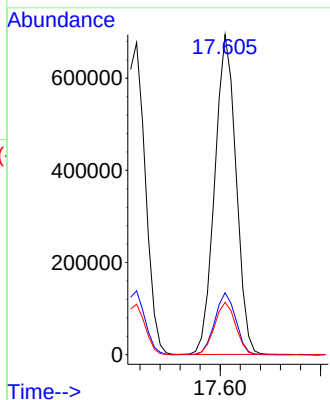
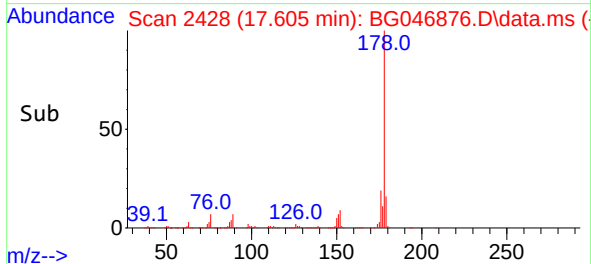
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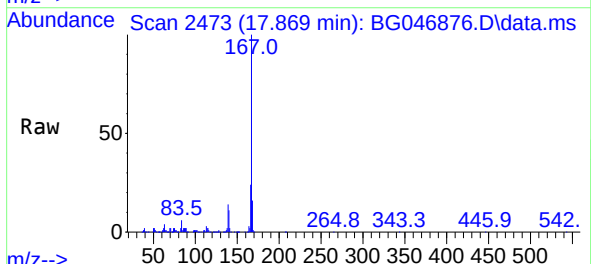
Tgt Ion:178 Resp: 1023174  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 16.4 24.6  
 179 16.4 13.8 20.6

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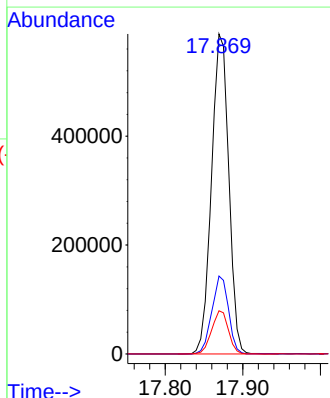
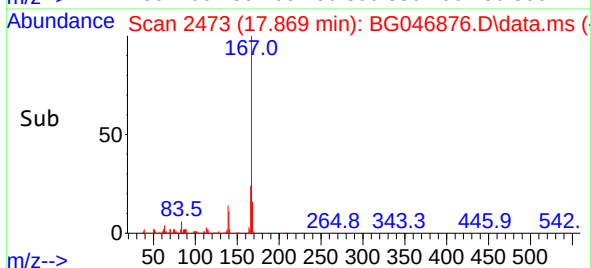
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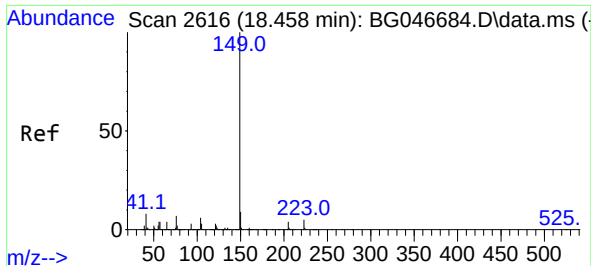


#73  
 Carbazole  
 Concen: 44.08 ng  
 RT: 17.869 min Scan# 2473  
 Delta R.T. -0.004 min  
 Lab File: BG046876.D  
 Acq: 13 Oct 2020 16:23



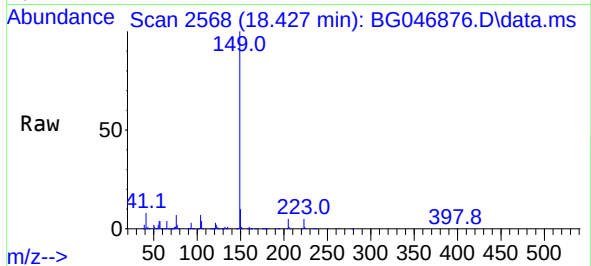
Tgt Ion:167 Resp: 908428  
 Ion Ratio Lower Upper  
 167 100  
 166 24.3 18.7 28.1  
 139 13.5 9.6 14.4





#74  
Di-n-butylphthalate  
Concen: 42.89 ng  
RT: 18.427 min Scan# 2568  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

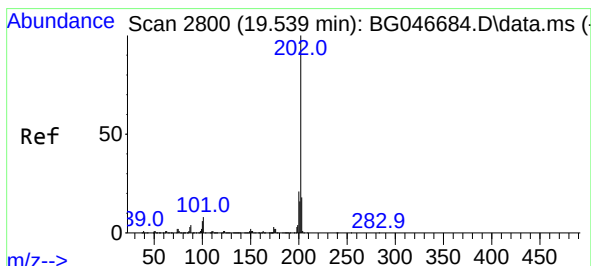
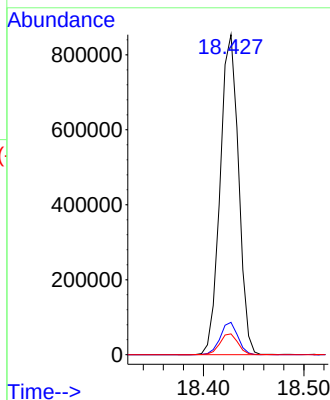
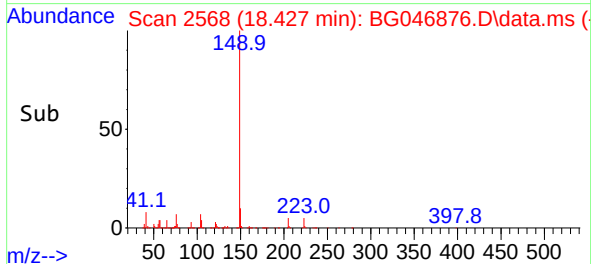
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



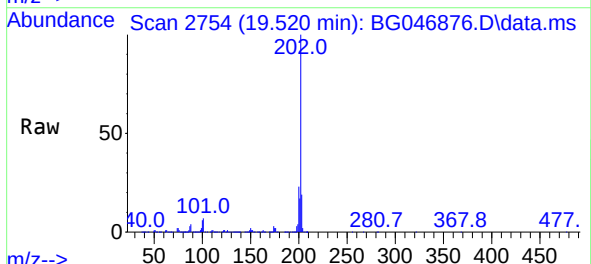
Tgt Ion:149 Resp: 1086606  
Ion Ratio Lower Upper  
149 100  
150 10.1 8.2 12.4  
104 6.5 3.8 5.8#

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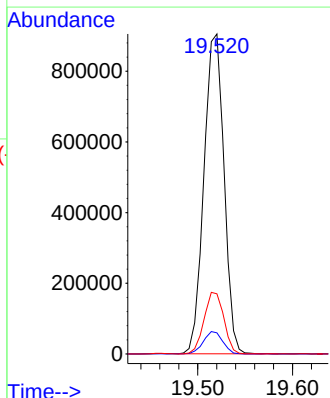
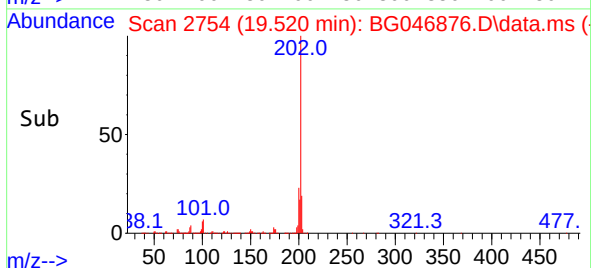
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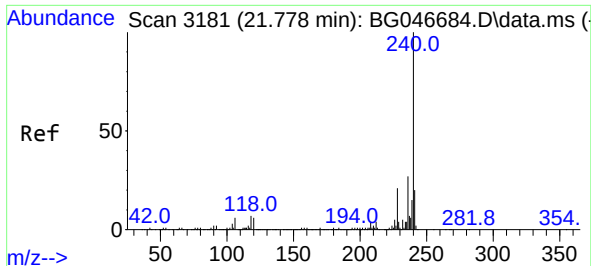
#75  
Fluoranthene  
Concen: 45.41 ng  
RT: 19.520 min Scan# 2754  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



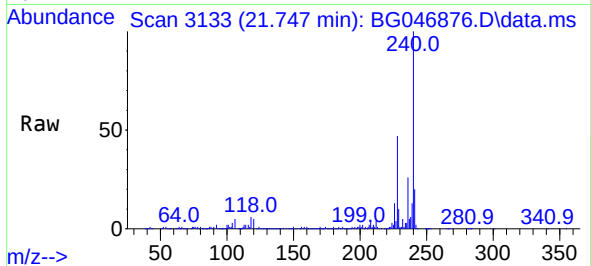
Tgt Ion:202 Resp: 1327470  
Ion Ratio Lower Upper  
202 100  
101 6.6 0.0 29.7  
203 18.8 0.0 39.2



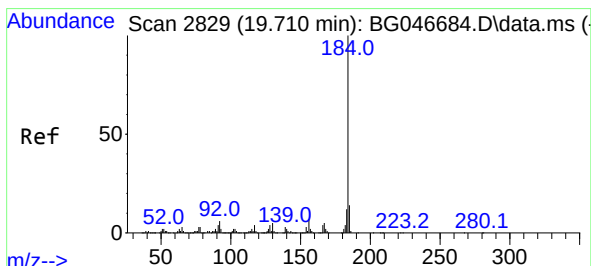
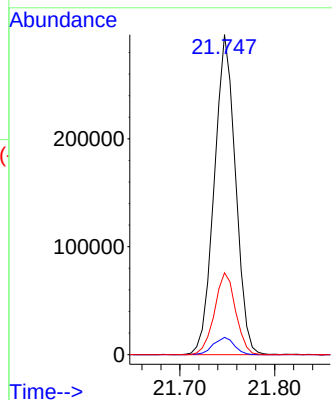
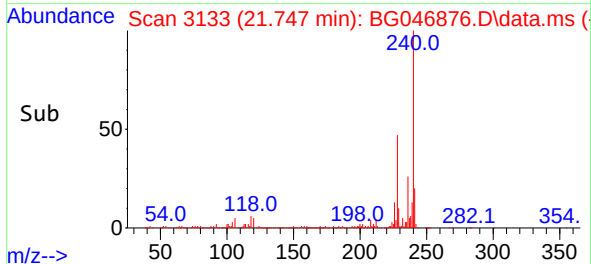




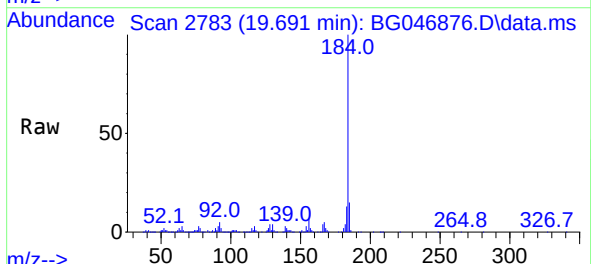
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.747 min Scan# 3133  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



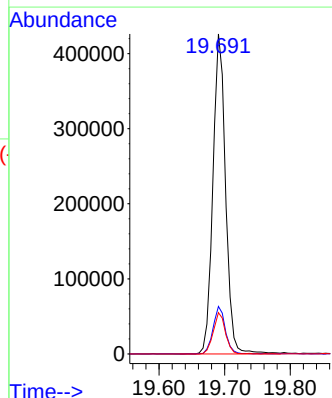
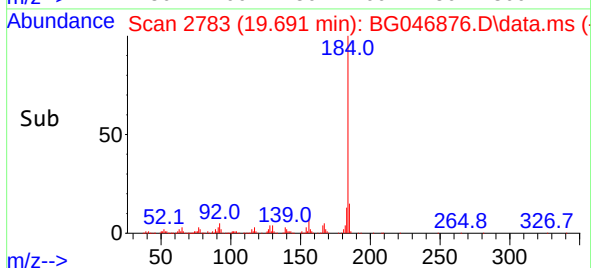
Tgt Ion:240 Resp: 462513  
Ion Ratio Lower Upper  
240 100  
120 5.4 6.2 9.4#  
236 25.6 20.5 30.7



#77  
Benzidine  
Concen: 40.11 ng  
RT: 19.691 min Scan# 2783  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



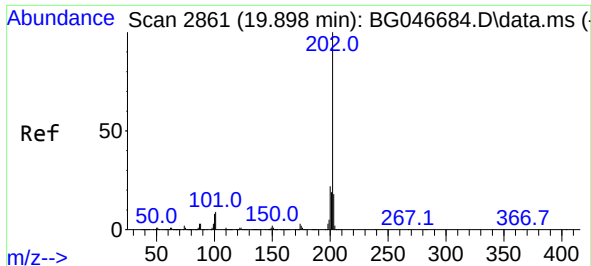
Tgt Ion:184 Resp: 571853  
Ion Ratio Lower Upper  
184 100  
185 14.8 12.4 18.6  
183 12.9 10.6 15.8



Instrument :  
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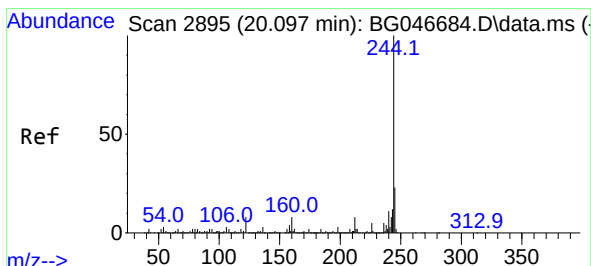
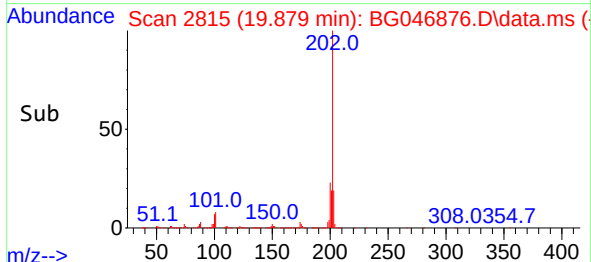
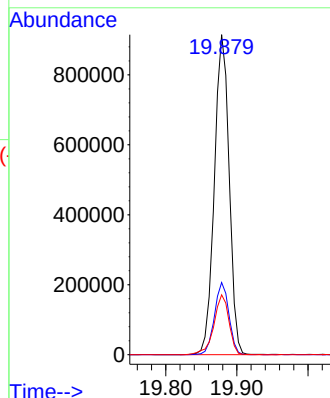
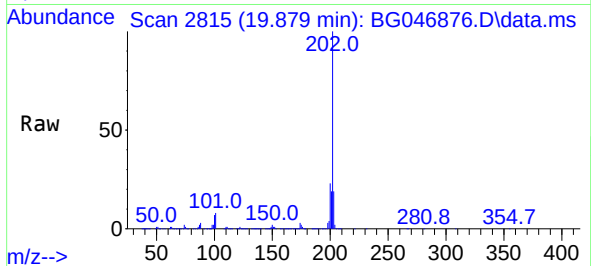
#78  
Pyrene  
Concen: 44.41 ng  
RT: 19.879 min Scan# 2815  
Delta R.T. -0.004 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:202 Resp: 1320328  
Ion Ratio Lower Upper  
202 100  
200 22.6 18.6 27.8  
203 18.7 15.3 22.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD

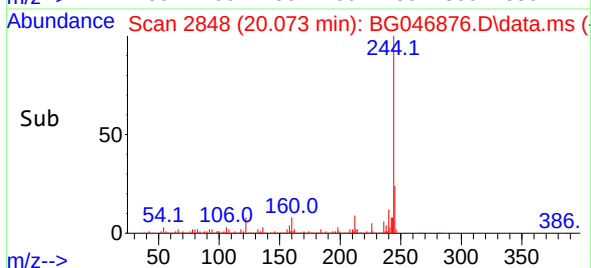
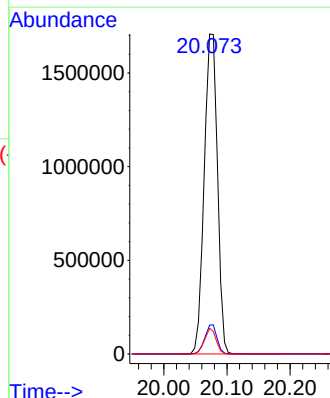
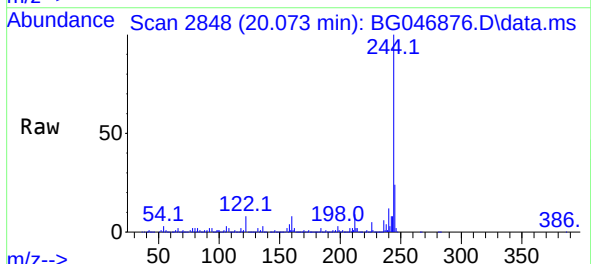
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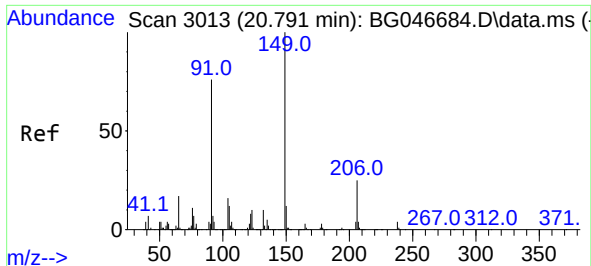
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#79  
Terphenyl-d14  
Concen: 107.77 ng  
RT: 20.073 min Scan# 2848  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:244 Resp: 2487146  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.7 10.1  
122 8.0 7.8 11.6





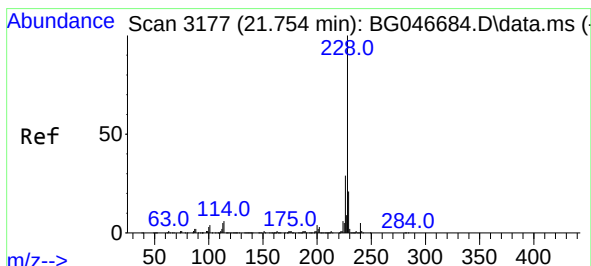
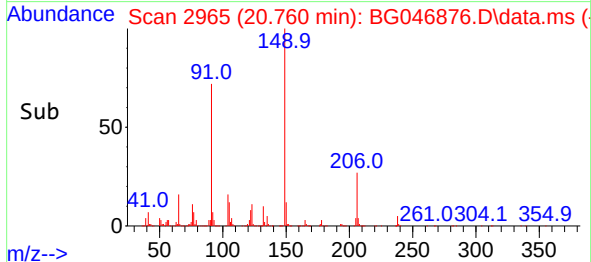
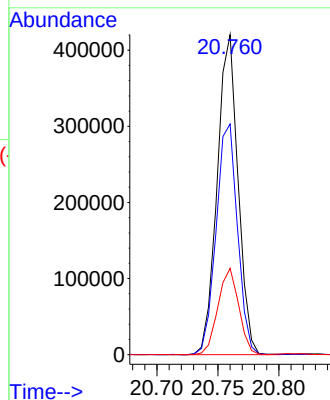
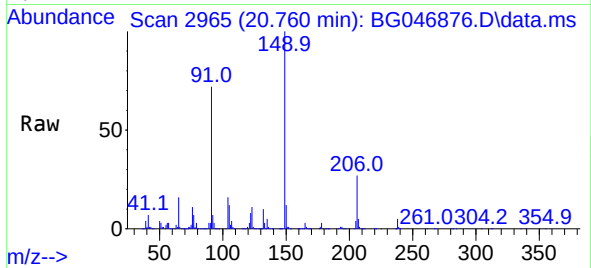
#80  
Butylbenzylphthalate  
Concen: 43.62 ng  
RT: 20.760 min Scan# 2965  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:149 Resp: 501182  
Ion Ratio Lower Upper  
149 100  
91 72.1 51.5 77.3  
206 27.0 21.2 31.8

Instrument :  
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ClientSampleId :  
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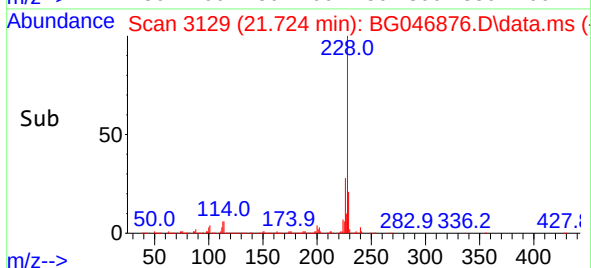
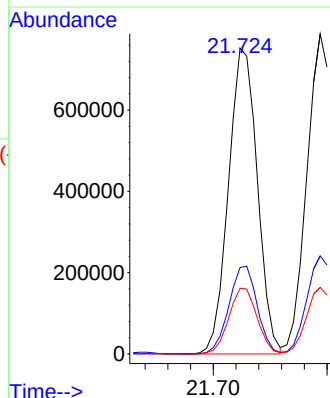
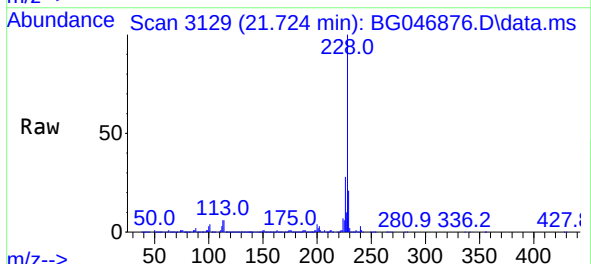
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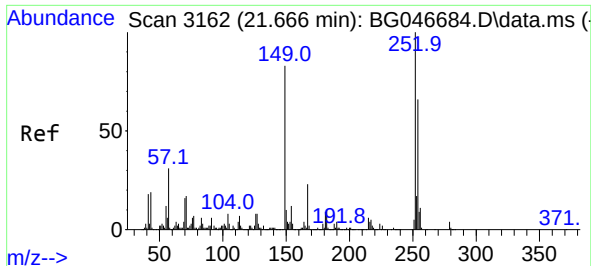
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#81  
Benzo(a)anthracene  
Concen: 42.96 ng  
RT: 21.724 min Scan# 3129  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:228 Resp: 1326567  
Ion Ratio Lower Upper  
228 100  
226 28.3 23.3 34.9  
229 21.5 17.4 26.0





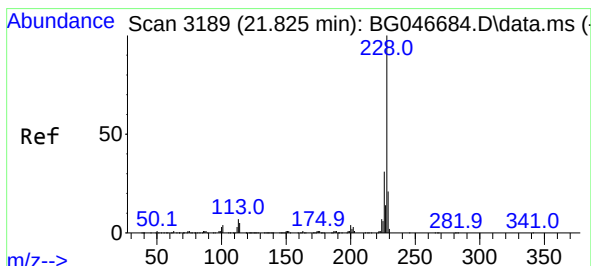
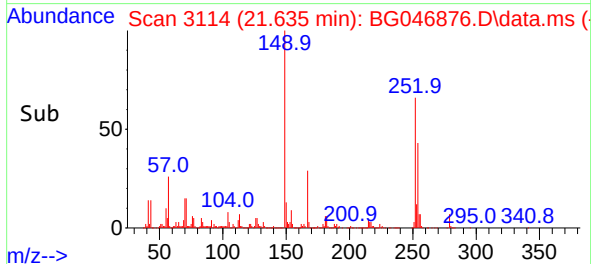
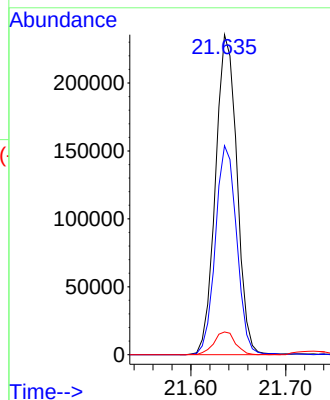
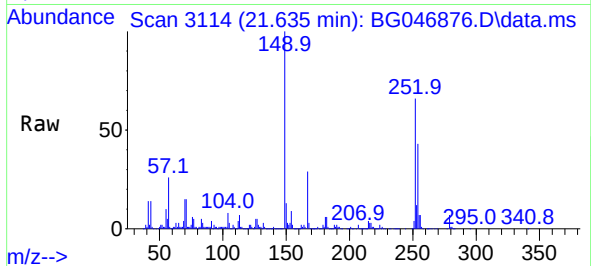
#82  
3,3'-Dichlorobenzidine  
Concen: 30.91 ng  
RT: 21.635 min Scan# 3114  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:252 Resp: 370467  
Ion Ratio Lower Upper  
252 100  
254 65.3 53.2 79.8  
126 7.1 6.8 10.2

Instrument :  
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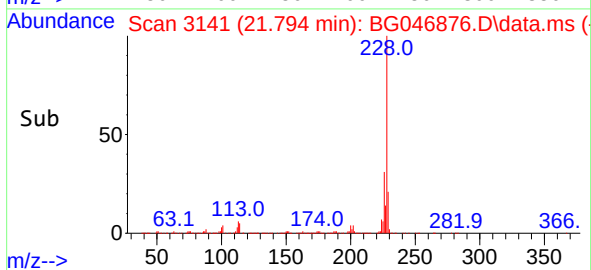
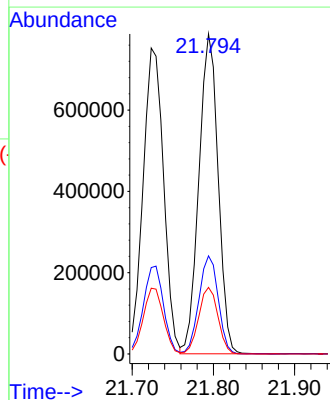
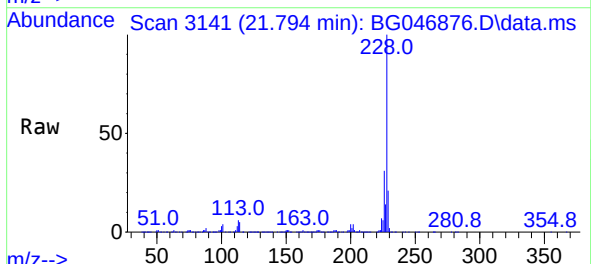
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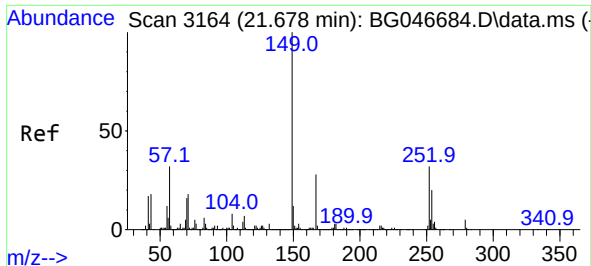
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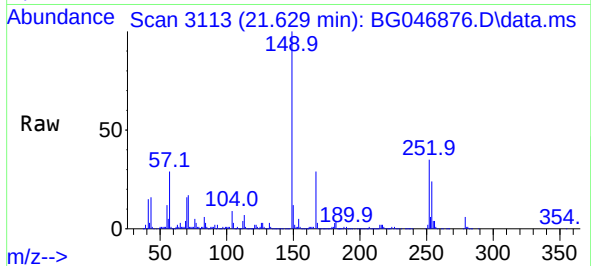
#83  
Chrysene  
Concen: 43.80 ng  
RT: 21.794 min Scan# 3141  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion:228 Resp: 1292432  
Ion Ratio Lower Upper  
228 100  
226 30.6 25.0 37.4  
229 20.8 17.3 25.9

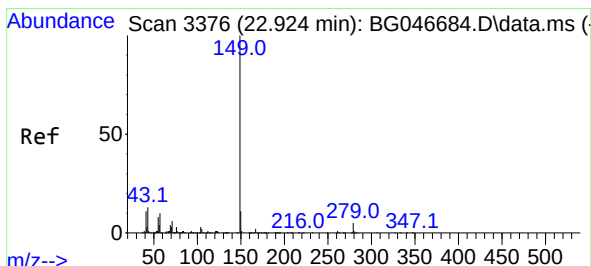
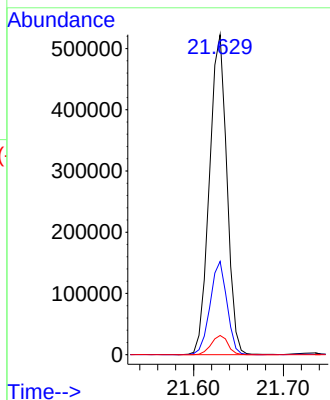
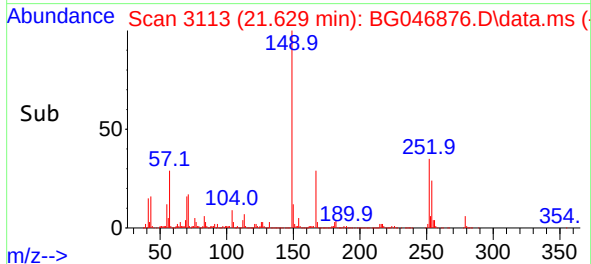




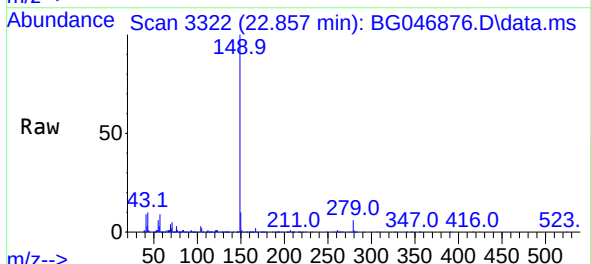
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.76 ng  
RT: 21.629 min Scan# 3113  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



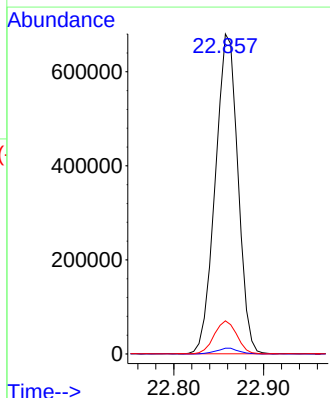
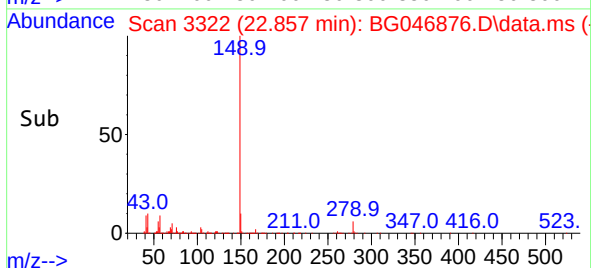
Tgt Ion:149 Resp: 704797  
Ion Ratio Lower Upper  
149 100  
167 29.2 24.8 37.2  
279 6.0 4.6 7.0



#85  
Di-n-octyl phthalate  
Concen: 41.01 ng  
RT: 22.857 min Scan# 3322  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



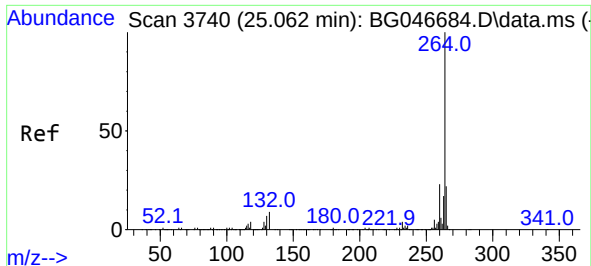
Tgt Ion:149 Resp: 1190007  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.2  
43 10.3 6.8 10.2#



Instrument :  
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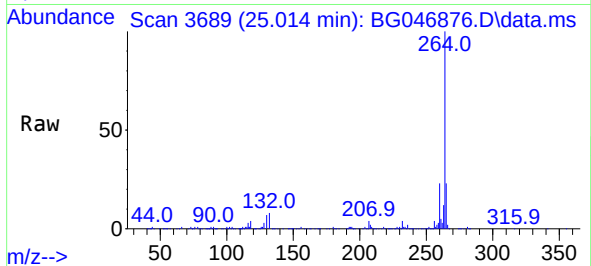
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.014 min Scan# 3689  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

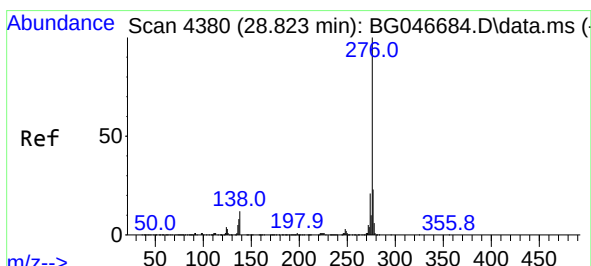
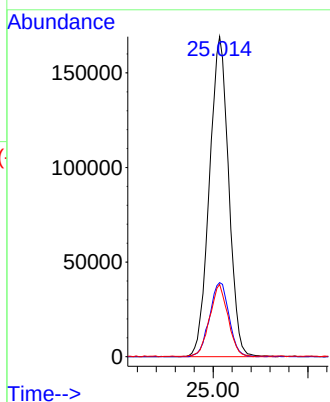
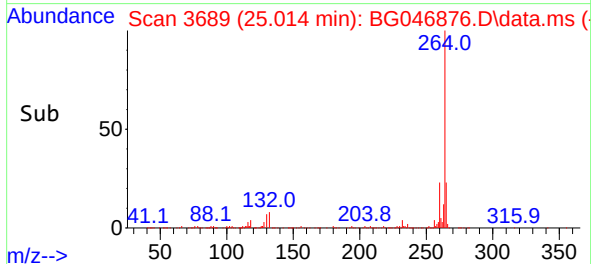
Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD



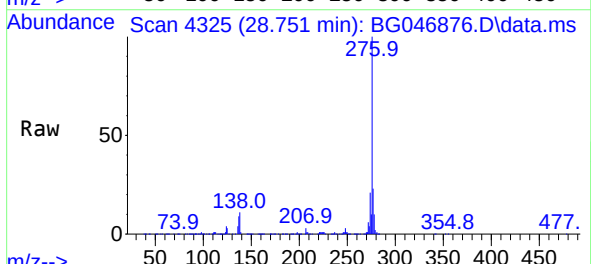
Tgt Ion:264 Resp: 475313  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.8 28.2  
265 22.6 17.8 26.8

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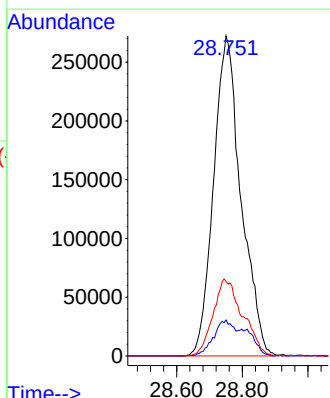
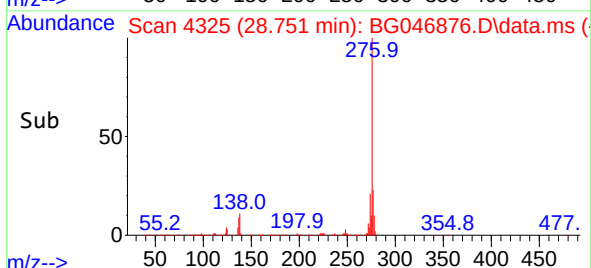
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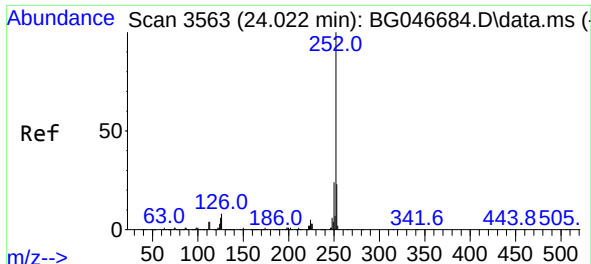


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.92 ng  
RT: 28.751 min Scan# 4325  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



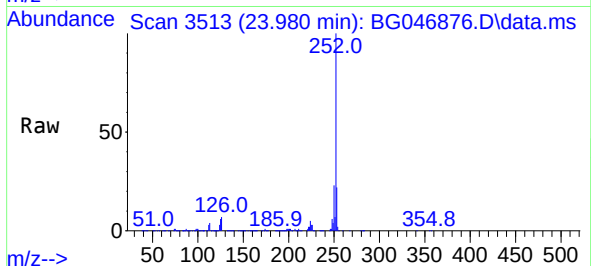
Tgt Ion:276 Resp: 1579735  
Ion Ratio Lower Upper  
276 100  
138 8.7 16.2 24.2#  
277 26.0 20.3 30.5





#88  
Benzo(b)fluoranthene  
Concen: 43.99 ng  
RT: 23.980 min Scan# 3513  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

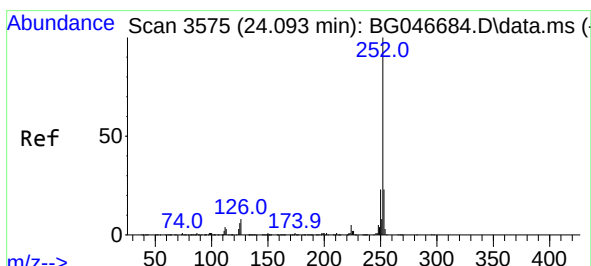
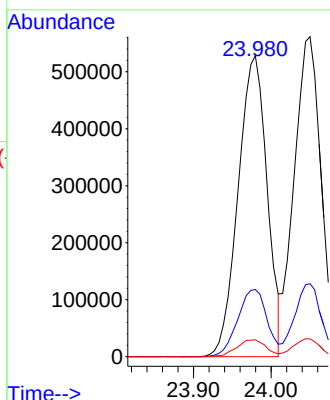
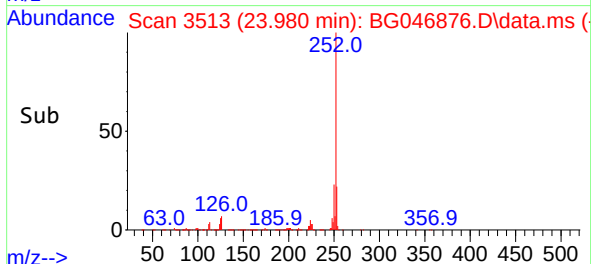
Instrument :  
BNA\_G  
ClientSampleId :  
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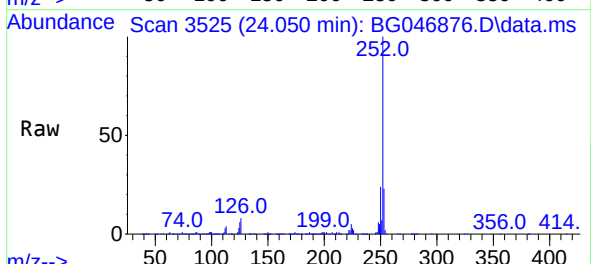
Tgt Ion:252 Resp: 1370250  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.7 28.1  
125 5.6 6.5 9.7#

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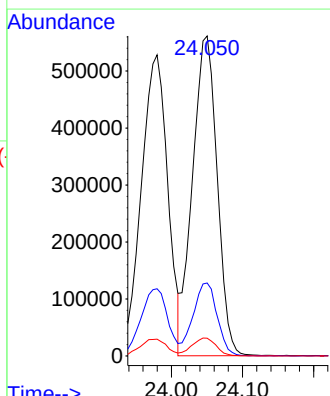
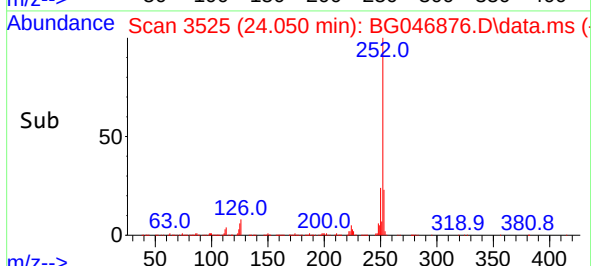
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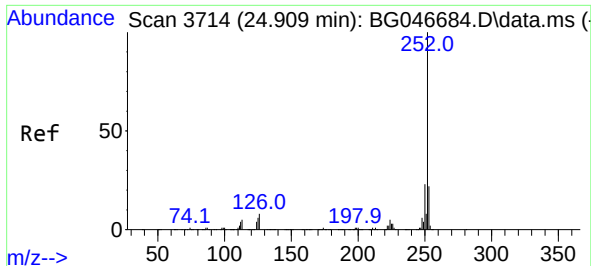


#89  
Benzo(k)fluoranthene  
Concen: 45.23 ng  
RT: 24.050 min Scan# 3525  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

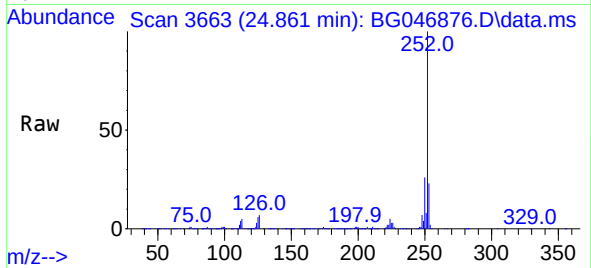


Tgt Ion:252 Resp: 1354392  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.6 27.8  
125 5.5 6.8 10.2#

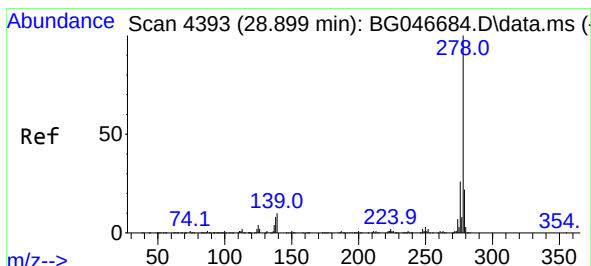
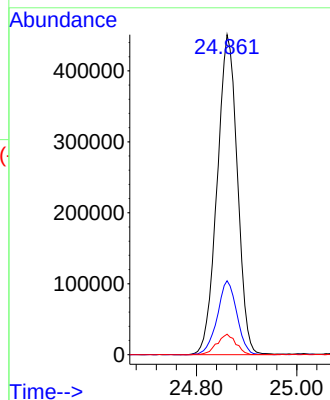
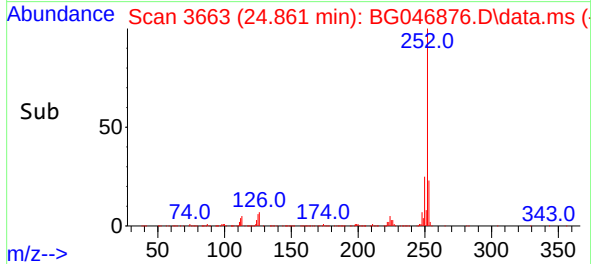




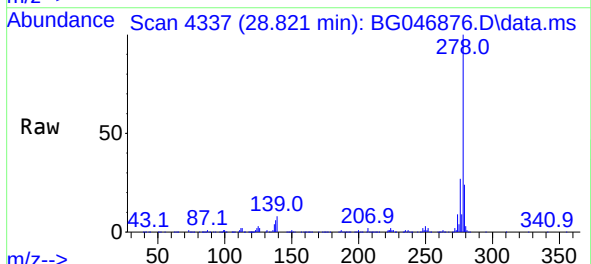
#90  
Benzo(a)pyrene  
Concen: 43.04 ng  
RT: 24.861 min Scan# 3663  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



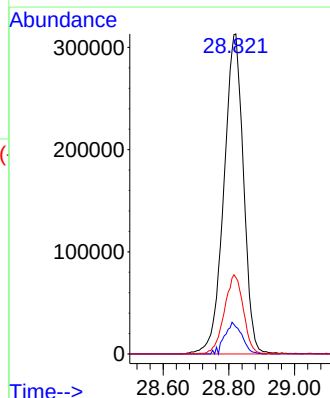
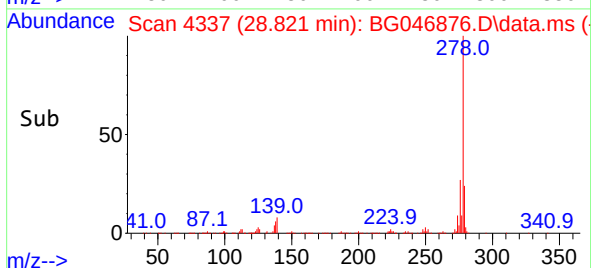
Tgt Ion:252 Resp: 1261478  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.9 26.9  
125 6.4 7.0 10.4#



#91  
Dibenzo(a,h)anthracene  
Concen: 45.07 ng  
RT: 28.821 min Scan# 4337  
Delta R.T. -0.015 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23



Tgt Ion:278 Resp: 1296445  
Ion Ratio Lower Upper  
278 100  
139 8.4 10.5 15.7#  
279 23.9 19.4 29.0

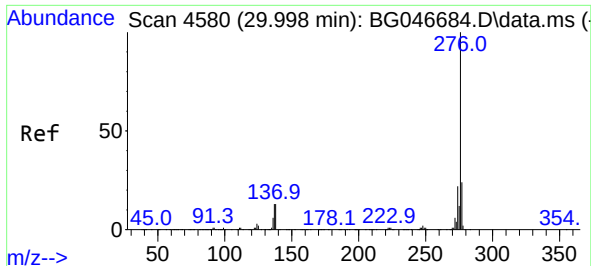


Instrument :  
BNA\_G  
ClientSampleId :  
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10/14/2020 10:25:24 AM





#92  
Benzo(g,h,i)perylene  
Concen: 45.32 ng  
RT: 29.920 min Scan# 4524  
Delta R.T. -0.010 min  
Lab File: BG046876.D  
Acq: 13 Oct 2020 16:23

Tgt Ion: 276 Resp: 1274832  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.6 29.4  
138 12.4 13.4 20.2#

Instrument :  
BNA\_G  
ClientSampleId :  
PB132232BSD

Manual Integrations  
APPROVED

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