

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102121\  
 Data File : BG050665.D  
 Acq On : 21 Oct 2021 13:05  
 Operator : CG/JU  
 Sample : PB140074BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB140074BSD

Manual Integrations  
 APPROVED

mohammad  
 10/22/2021 2:54:11 PM

Quant Time: Oct 21 13:45:36 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.253  | 152  | 39394    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.079 | 136  | 176934   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.875 | 164  | 114523   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.619 | 188  | 251767   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.920 | 240  | 195124   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.333 | 264  | 189927   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.792  | 112  | 340155   | 129.13 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.401  | 99   | 457195   | 119.88 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.428  | 82   | 325062   | 76.05  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.361 | 330  | 131438   | 120.33 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.500 | 172  | 598862   | 78.70  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.204 | 244  | 881214   | 88.01  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.647  | 88   | 36096    | 26.46  | ng    | 90       |
| 3) Pyridine                   | 4.058  | 79   | 96774    | 25.97  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.970  | 42   | 72863    | 41.49  | ng    | # 52     |
| 6) Aniline                    | 7.572  | 93   | 202812   | 45.77  | ng    | 93       |
| 8) 2-Chlorophenol             | 7.813  | 128  | 123796   | 48.81  | ng    | 89       |
| 9) Benzaldehyde               | 7.384  | 77   | 101259   | 42.41  | ng    | 90       |
| 10) Phenol                    | 7.425  | 94   | 171834   | 46.34  | ng    | 86       |
| 11) bis(2-Chloroethyl)ether   | 7.660  | 93   | 126023   | 43.54  | ng    | 85       |
| 12) 1,3-Dichlorobenzene       | 8.142  | 146  | 125889   | 43.00  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.289  | 146  | 128558   | 43.56  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.612  | 146  | 125229   | 44.42  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.488  | 79   | 141668   | 47.01  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.770  | 45   | 208132   | 44.10  | ng    | 85       |
| 17) 2-Methylphenol            | 8.688  | 107  | 115620   | 47.39  | ng    | 91       |
| 18) Hexachloroethane          | 9.346  | 117  | 50514    | 45.22  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 9.058  | 70   | 121208   | 43.60  | ng    | # 88     |
| 20) 3+4-Methylphenols         | 9.017  | 107  | 159906   | 46.56  | ng    | 97       |
| 22) Acetophenone              | 9.082  | 105  | 201102   | 39.98  | ng    | # 97     |
| 24) Nitrobenzene              | 9.470  | 77   | 173598   | 40.85  | ng    | 95       |
| 25) Isophorone                | 9.987  | 82   | 308763   | 40.73  | ng    | # 95     |
| 26) 2-Nitrophenol             | 10.186 | 139  | 71518    | 45.83  | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 10.228 | 122  | 127078   | 47.13  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.468 | 93   | 173364   | 39.99  | ng    | 92       |
| 29) 2,4-Dichlorophenol        | 10.715 | 162  | 121961   | 44.38  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.938 | 180  | 127065   | 40.71  | ng    | 93       |
| 31) Naphthalene               | 11.132 | 128  | 391354   | 41.32  | ng    | 99       |
| 32) Benzoic acid              | 10.374 | 122  | 66570    | 33.27  | ng    | # 77     |
| 33) 4-Chloroaniline           | 11.232 | 127  | 161113   | 40.55  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.403 | 225  | 78720    | 40.17  | ng    | 95       |
| 35) Caprolactam               | 12.008 | 113  | 46098m   | 43.83  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.331 | 107  | 149434   | 43.51  | ng    | # 89     |
| 37) 2-Methylnaphthalene       | 12.719 | 142  | 279672   | 42.80  | ng    | 92       |
| 38) 1-Methylnaphthalene       | 12.936 | 142  | 257313   | 40.61  | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 13.077 | 216  | 139422   | 41.23  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.054 | 237  | 176285   | 90.19  | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 13.312 | 196  | 102378   | 42.96  | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102121\  
 Data File : BG050665.D  
 Acq On : 21 Oct 2021 13:05  
 Operator : CG/JU  
 Sample : PB140074BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB140074BSD

Manual Integrations  
 APPROVED

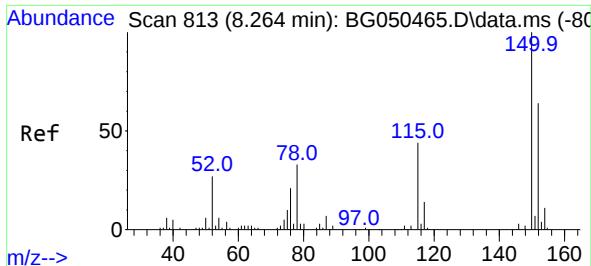
mohammad  
 10/22/2021 2:54:11 PM

Quant Time: Oct 21 13:45:36 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.383 | 196  | 109411   | 43.91 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.712 | 154  | 338996   | 40.58 | ng    | 93       |
| 47) 2-Chloronaphthalene       | 13.759 | 162  | 269332   | 41.99 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.958 | 65   | 118006   | 46.25 | ng    | 95       |
| 49) Acenaphthylene            | 14.599 | 152  | 445911   | 42.43 | ng    | 97       |
| 50) Dimethylphthalate         | 14.317 | 163  | 367116   | 42.41 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.446 | 165  | 80739    | 46.57 | ng    | 90       |
| 52) Acenaphthene              | 14.940 | 154  | 316342m  | 46.84 | ng    |          |
| 53) 3-Nitroaniline            | 14.775 | 138  | 81750    | 39.86 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 14.981 | 184  | 86024    | 79.98 | ng    | 93       |
| 55) Dibenzofuran              | 15.269 | 168  | 424062   | 40.60 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.075 | 139  | 139075   | 84.30 | ng    | # 79     |
| 57) 2,4-Dinitrotoluene        | 15.228 | 165  | 114688   | 46.93 | ng    | 95       |
| 58) Fluorene                  | 15.921 | 166  | 340621   | 42.46 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.492 | 232  | 89696    | 41.33 | ng    | 97       |
| 60) Diethylphthalate          | 15.668 | 149  | 383002   | 42.11 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.903 | 204  | 182899   | 41.66 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.938 | 138  | 90259    | 42.30 | ng    | # 65     |
| 63) Azobenzene                | 16.197 | 77   | 426317   | 40.49 | ng    | 82       |
| 65) 4,6-Dinitro-2-methylph... | 15.991 | 198  | 61256    | 40.51 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 16.121 | 169  | 305117   | 42.65 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.796 | 248  | 109027   | 42.97 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.920 | 284  | 109039   | 43.24 | ng    | # 94     |
| 69) Atrazine                  | 17.055 | 200  | 124081   | 44.03 | ng    | 98       |
| 70) Pentachlorophenol         | 17.260 | 266  | 129972   | 75.72 | ng    | 99       |
| 71) Phenanthrene              | 17.666 | 178  | 555908   | 41.90 | ng    | 98       |
| 72) Anthracene                | 17.754 | 178  | 566841   | 43.00 | ng    | 98       |
| 73) Carbazole                 | 18.018 | 167  | 525285   | 39.98 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.553 | 149  | 651228   | 42.23 | ng    | # 97     |
| 75) Fluoranthene              | 19.658 | 202  | 634677   | 38.92 | ng    | 96       |
| 77) Benzidine                 | 19.834 | 184  | 542766   | 85.82 | ng    | 97       |
| 78) Pyrene                    | 20.022 | 202  | 636274   | 45.96 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.886 | 149  | 260180   | 44.43 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.902 | 228  | 553393   | 42.86 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.808 | 252  | 191492   | 44.75 | ng    | # 96     |
| 83) Chrysene                  | 21.973 | 228  | 532322   | 43.83 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.773 | 149  | 365820   | 43.97 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 23.048 | 149  | 621615   | 44.79 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.264 | 276  | 598698   | 45.26 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 24.246 | 252  | 549802   | 47.27 | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 24.317 | 252  | 524158   | 45.81 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 25.181 | 252  | 529077   | 53.50 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 29.329 | 278  | 508619   | 46.48 | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 30.504 | 276  | 493519   | 46.05 | ng    | # 92     |

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





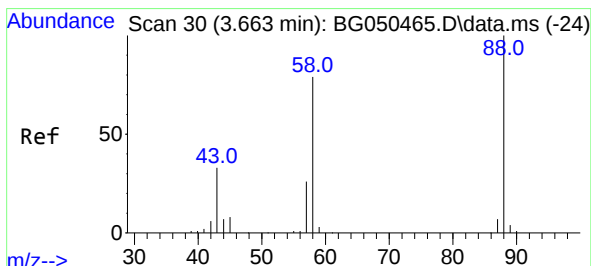
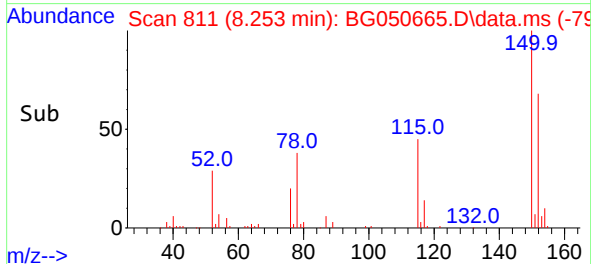
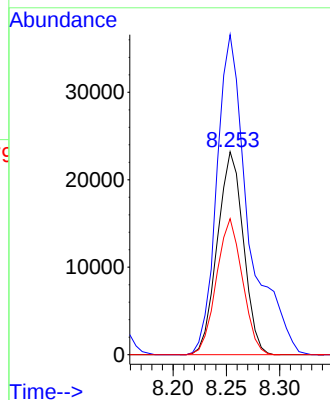
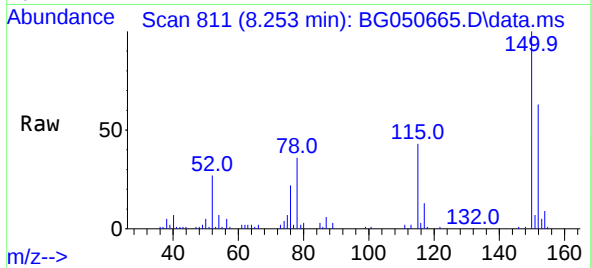
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.253 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:152 Resp: 39394  
Ion Ratio Lower Upper  
152 100  
150 157.8 119.4 179.0  
115 67.1 60.2 90.4

Instrument :  
BNA\_G  
ClientSampled :  
PB140074BSD

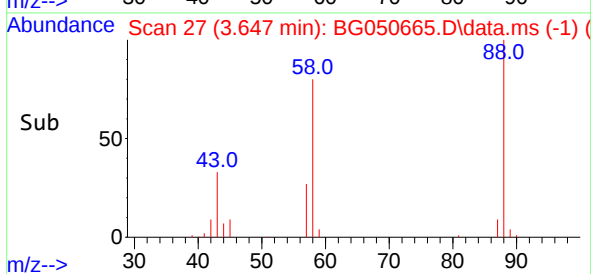
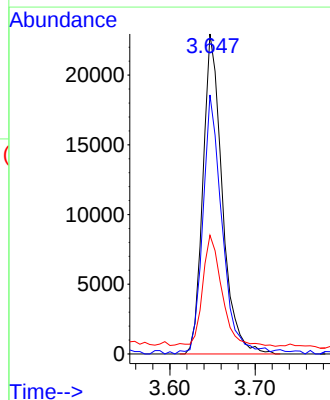
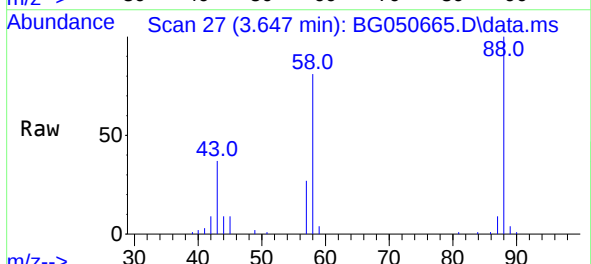
Manual Integrations  
APPROVED

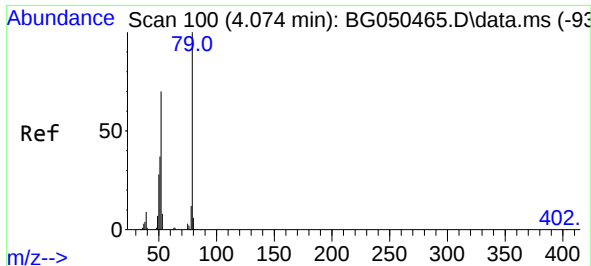
mohammad  
10/22/2021 2:54:11 PM



#2  
1,4-Dioxane  
Concen: 26.46 ng  
RT: 3.647 min Scan# 27  
Delta R.T. -0.011 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 88 Resp: 36096  
Ion Ratio Lower Upper  
88 100  
58 81.2 55.7 83.5  
43 34.8 29.3 43.9





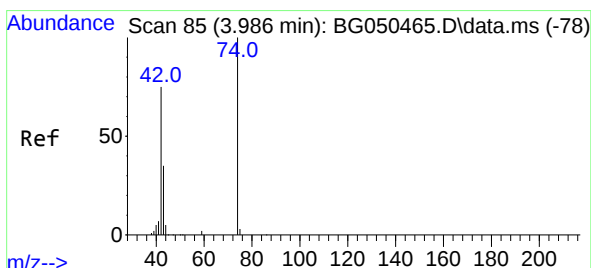
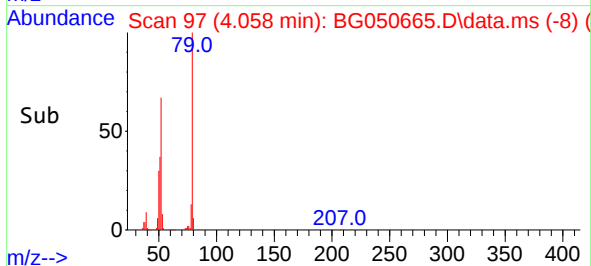
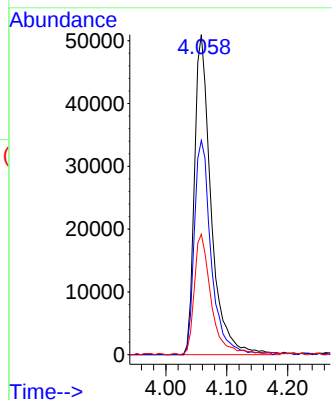
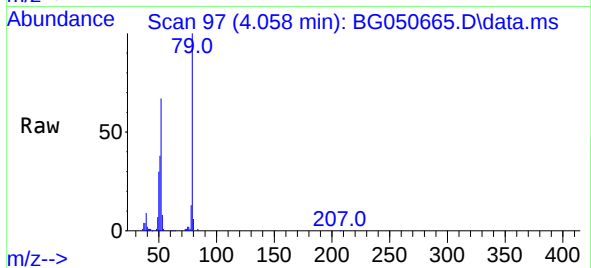
#3  
Pyridine  
Concen: 25.97 ng  
RT: 4.058 min Scan# 97  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 79 Resp: 96774  
Ion Ratio Lower Upper  
79 100  
52 67.0 58.4 87.6  
51 37.6 37.0 55.6

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

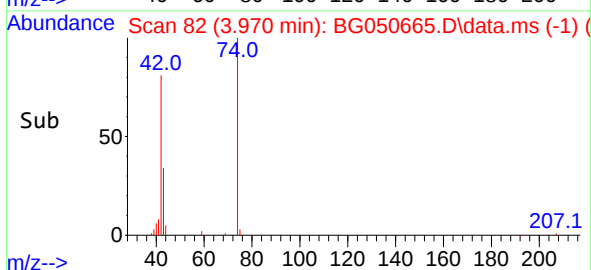
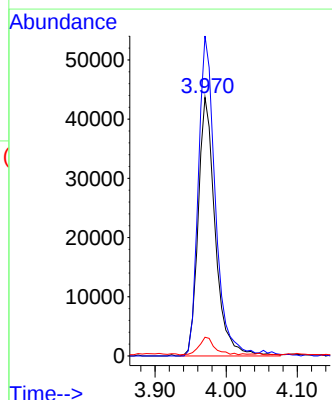
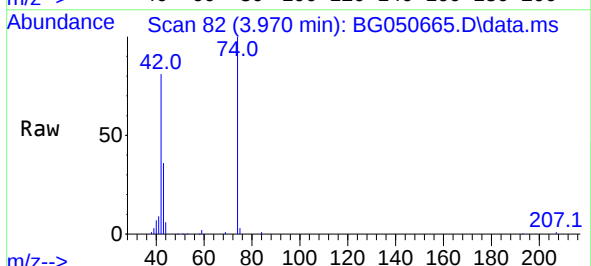
Manual Integrations  
APPROVED

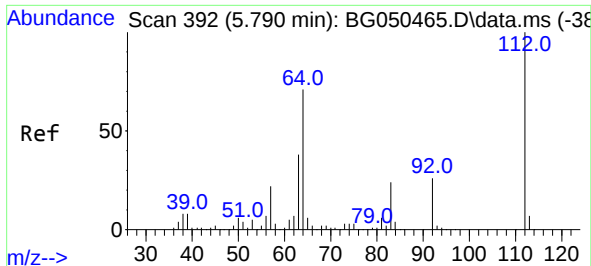
mohammad  
10/22/2021 2:54:11 PM



#4  
n-Nitrosodimethylamine  
Concen: 41.49 ng  
RT: 3.970 min Scan# 82  
Delta R.T. -0.011 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 42 Resp: 72863  
Ion Ratio Lower Upper  
42 100  
74 123.8 64.0 96.0#  
44 7.2 2.7 4.1#





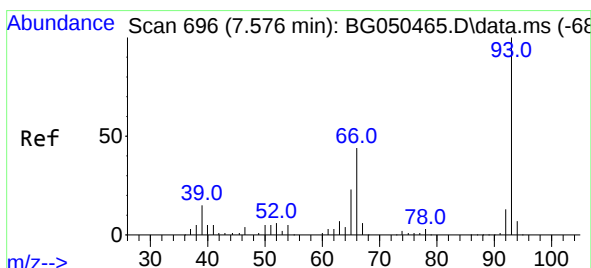
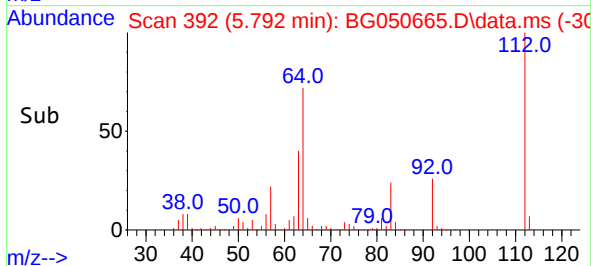
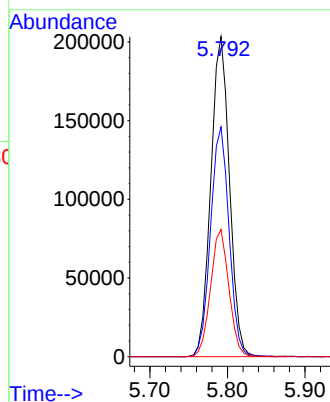
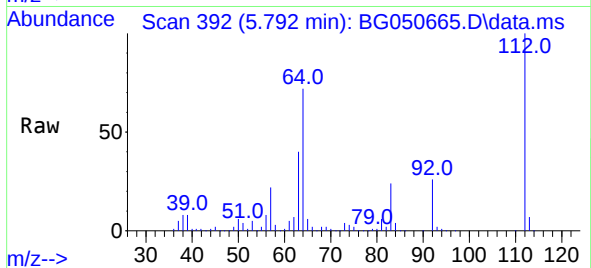
#5  
2-Fluorophenol  
Concen: 129.13 ng  
RT: 5.792 min Scan# 392  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 112 Resp: 340155  
Ion Ratio Lower Upper  
112 100  
64 71.7 46.7 70.1#  
63 39.8 35.3 52.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

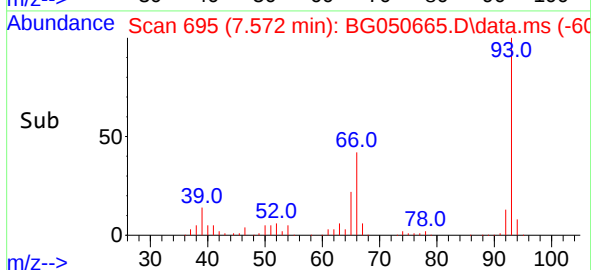
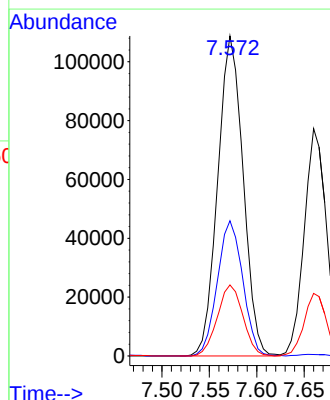
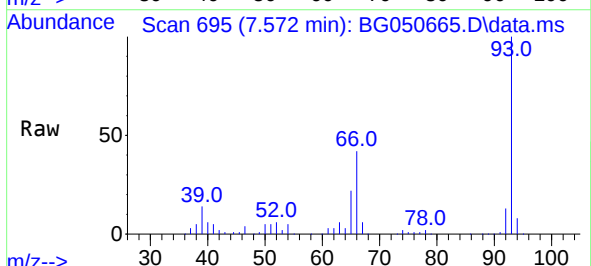
Manual Integrations  
APPROVED

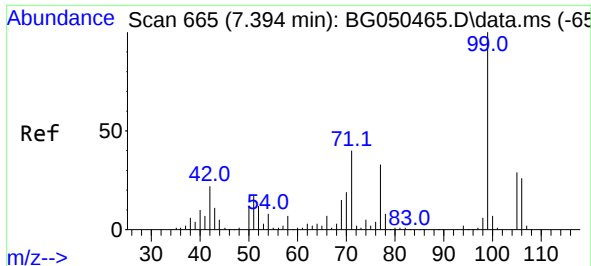
mohammad  
10/22/2021 2:54:11 PM



#6  
Aniline  
Concen: 45.77 ng  
RT: 7.572 min Scan# 695  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 93 Resp: 202812  
Ion Ratio Lower Upper  
93 100  
66 42.2 30.6 45.8  
65 22.2 15.0 22.4





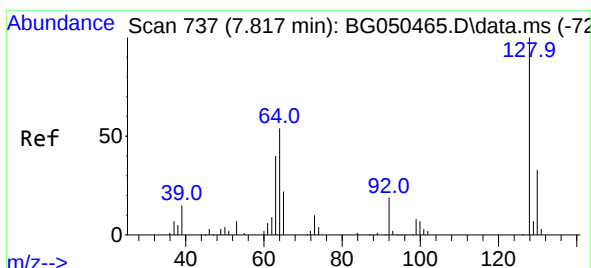
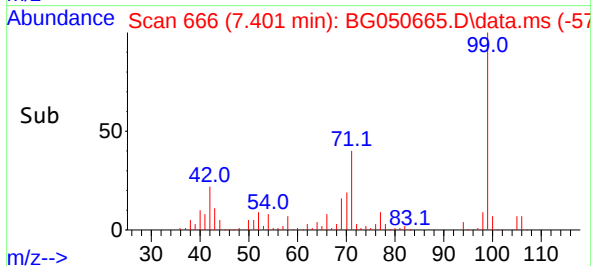
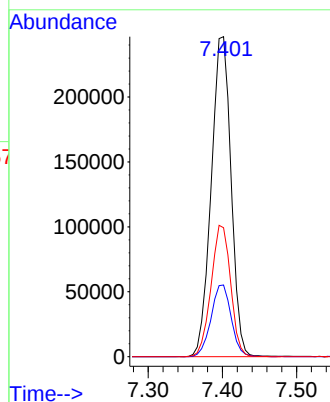
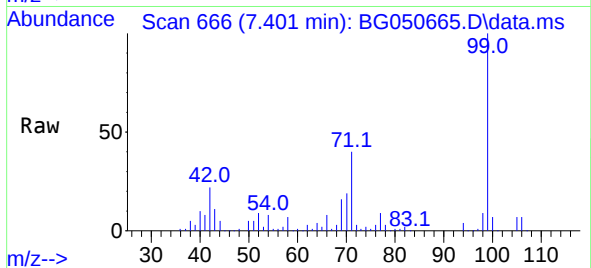
#7  
Phenol-d6  
Concen: 119.88 ng  
RT: 7.401 min Scan# 666  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 99 Resp: 457195  
Ion Ratio Lower Upper  
99 100  
42 22.4 20.5 30.7  
71 40.3 41.5 62.3#

Instrument :  
BNA\_G  
ClientSampled :  
PB140074BSD

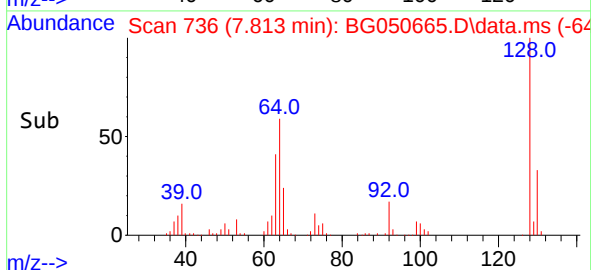
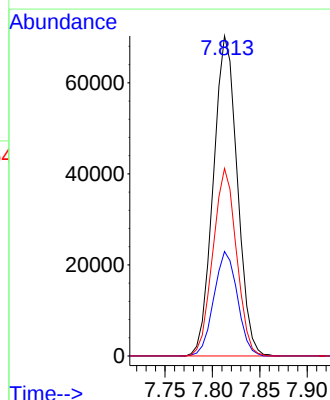
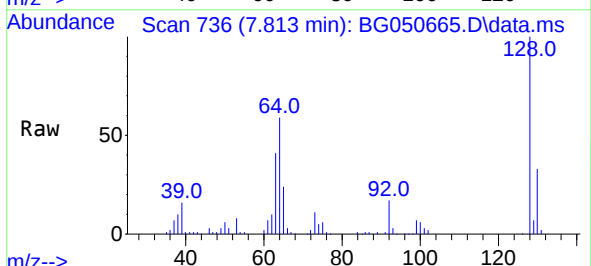
Manual Integrations  
APPROVED

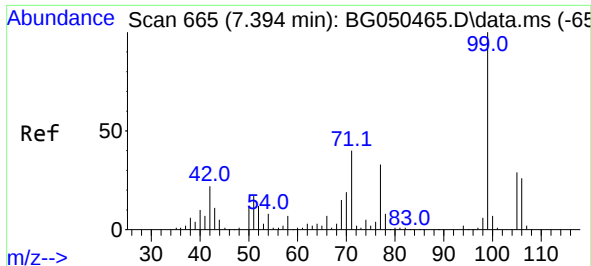
mohammad  
10/22/2021 2:54:11 PM



#8  
2-Chlorophenol  
Concen: 48.81 ng  
RT: 7.813 min Scan# 736  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:128 Resp: 123796  
Ion Ratio Lower Upper  
128 100  
130 32.6 10.0 50.0  
64 58.6 28.1 68.1





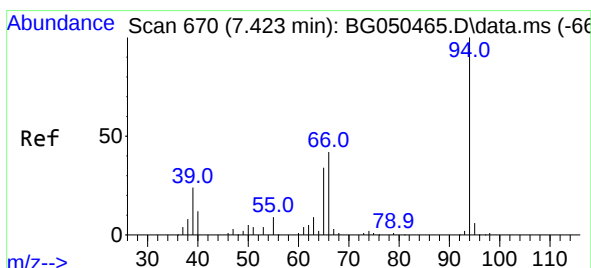
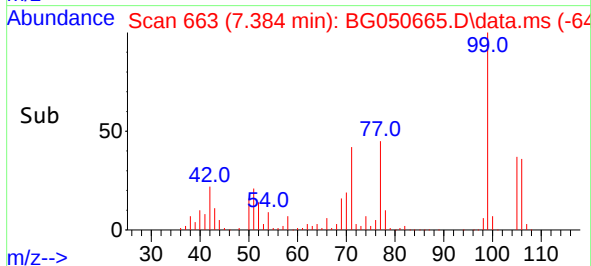
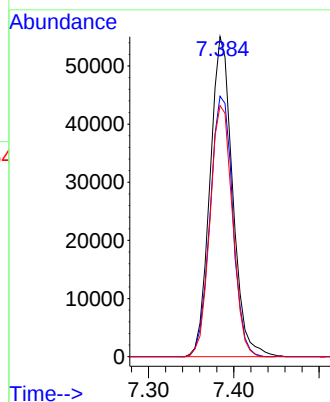
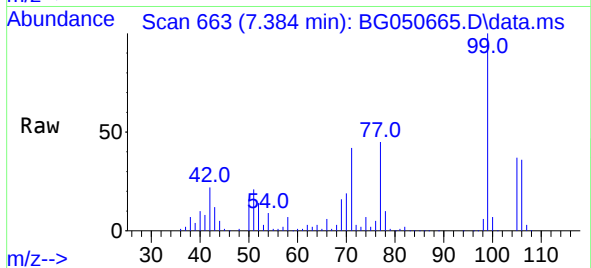
#9  
Benzaldehyde  
Concen: 42.41 ng  
RT: 7.384 min Scan# 663  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 77 Resp: 101259  
Ion Ratio Lower Upper  
77 100  
105 81.4 68.8 108.8  
106 78.5 47.9 87.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

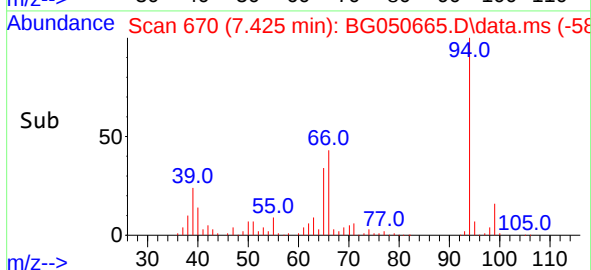
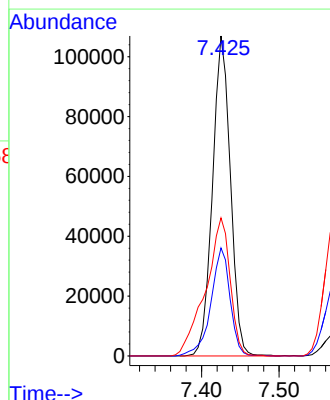
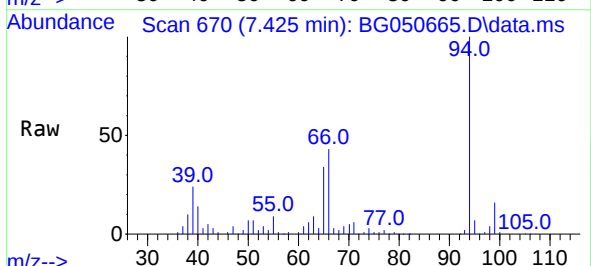
Manual Integrations  
APPROVED

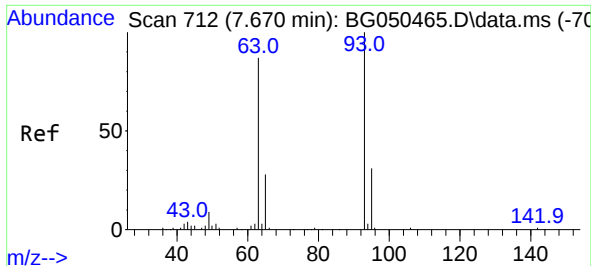
mohammad  
10/22/2021 2:54:11 PM



#10  
Phenol  
Concen: 46.34 ng  
RT: 7.425 min Scan# 670  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 94 Resp: 171834  
Ion Ratio Lower Upper  
94 100  
65 33.8 12.9 52.9  
66 43.1 39.4 79.4





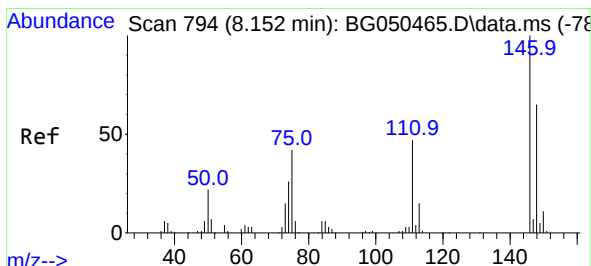
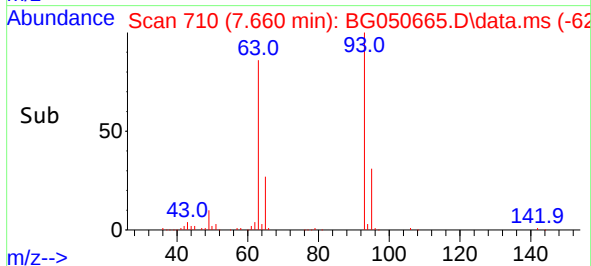
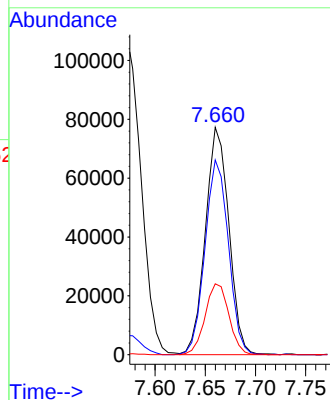
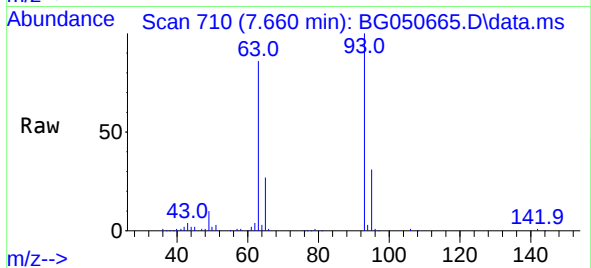
#11  
bis(2-Chloroethyl)ether  
Concen: 43.54 ng  
RT: 7.660 min Scan# 710  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 93 Resp: 126023  
Ion Ratio Lower Upper  
93 100  
63 85.7 50.4 90.4  
95 31.2 15.3 55.3

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

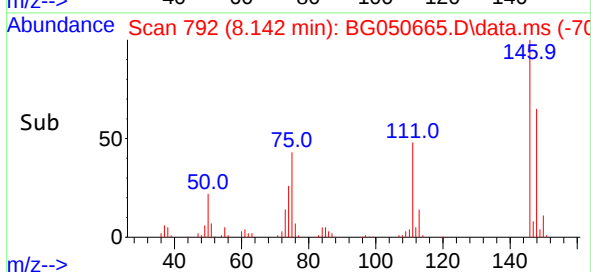
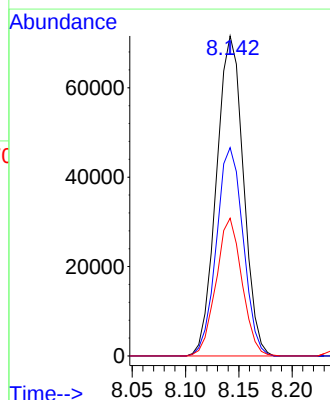
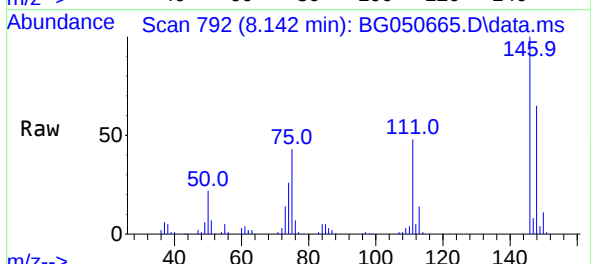
Manual Integrations  
APPROVED

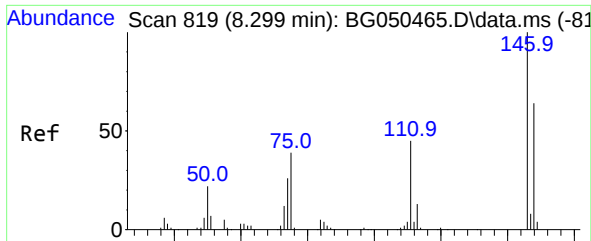
mohammad  
10/22/2021 2:54:11 PM



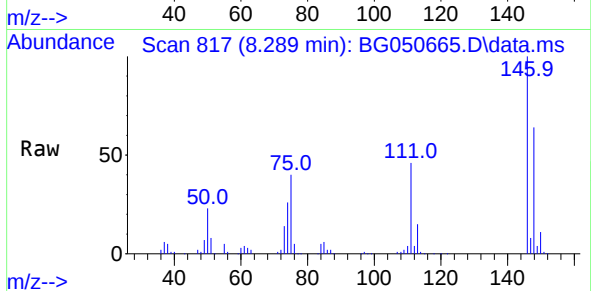
#12  
1,3-Dichlorobenzene  
Concen: 43.00 ng  
RT: 8.142 min Scan# 792  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:146 Resp: 125889  
Ion Ratio Lower Upper  
146 100  
148 65.1 52.6 78.8  
75 43.1 35.7 53.5

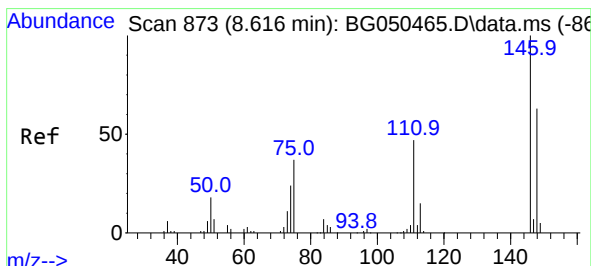
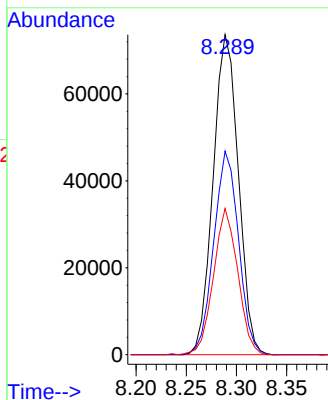
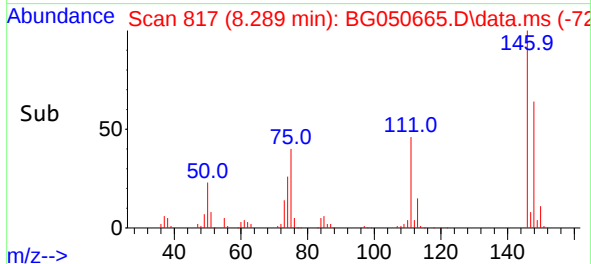




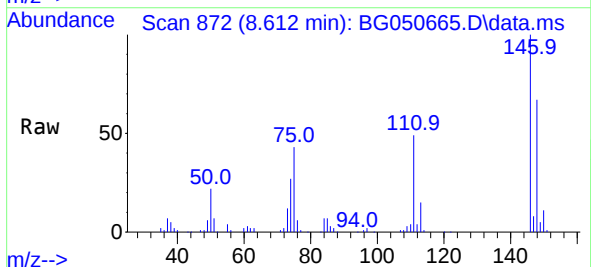
#13  
1,4-Dichlorobenzene  
Concen: 43.56 ng  
RT: 8.289 min Scan# 817  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



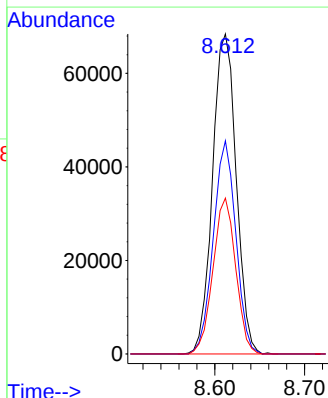
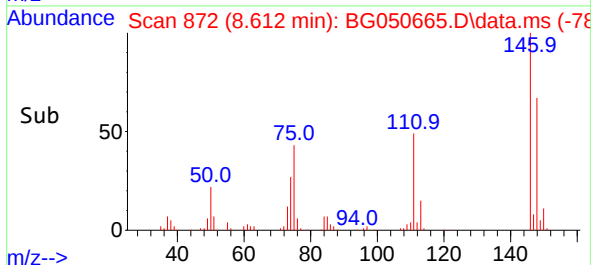
Tgt Ion:146 Resp: 128558  
Ion Ratio Lower Upper  
146 100  
148 63.6 54.0 81.0  
111 45.7 34.3 51.5



#14  
1,2-Dichlorobenzene  
Concen: 44.42 ng  
RT: 8.612 min Scan# 872  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



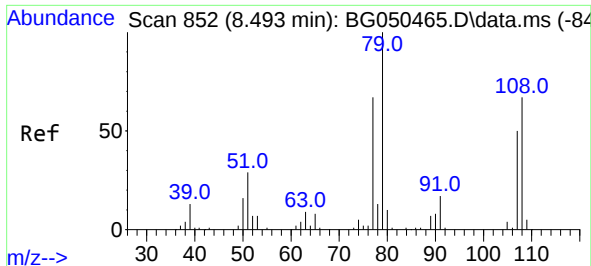
Tgt Ion:146 Resp: 125229  
Ion Ratio Lower Upper  
146 100  
148 66.6 47.5 71.3  
111 48.7 39.1 58.7



Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



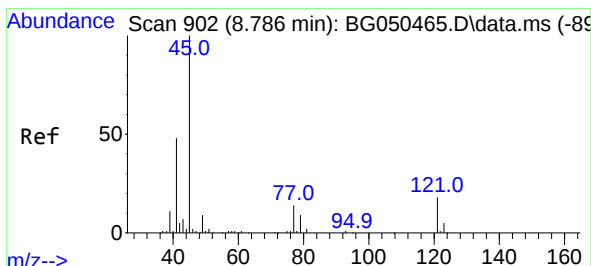
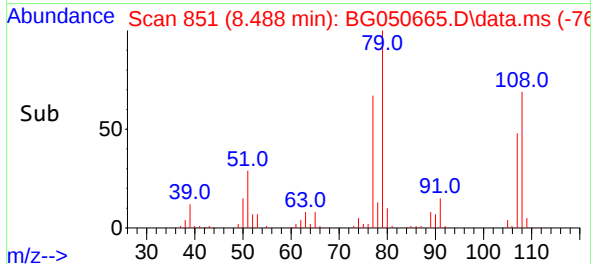
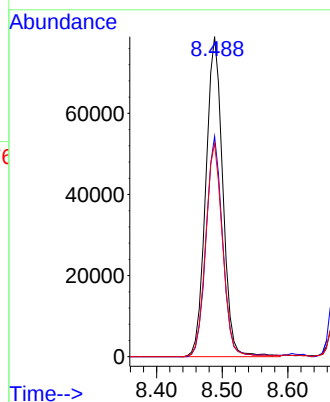
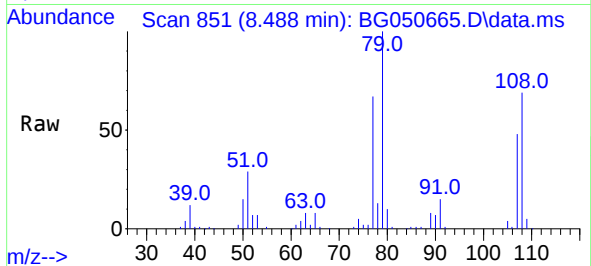
#15  
Benzyl Alcohol  
Concen: 47.01 ng  
RT: 8.488 min Scan# 851  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 79 Resp: 141668  
Ion Ratio Lower Upper  
79 100  
108 68.9 48.2 72.4  
77 66.6 57.3 85.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

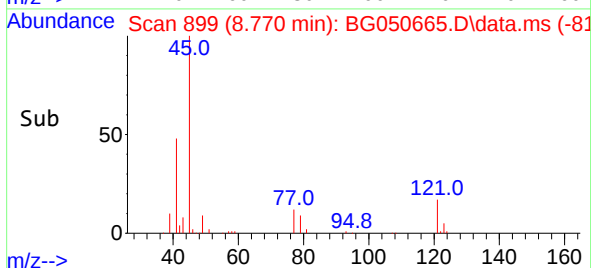
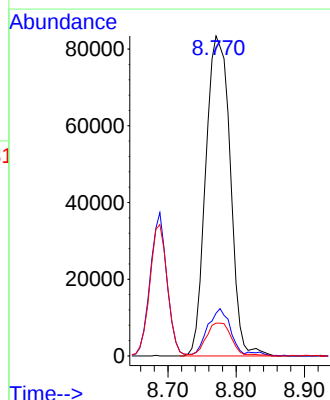
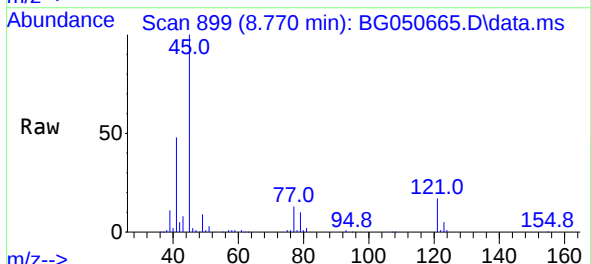
Manual Integrations  
APPROVED

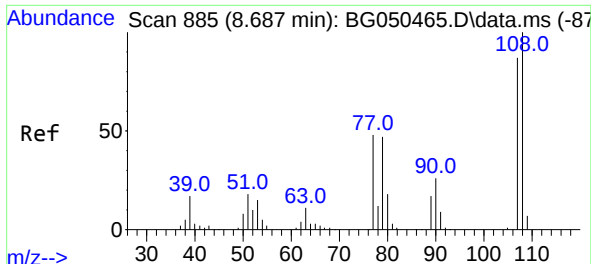
mohammad  
10/22/2021 2:54:11 PM



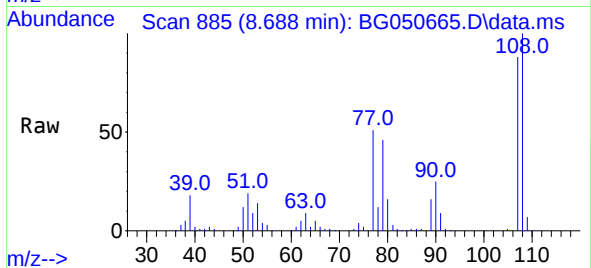
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.10 ng  
RT: 8.770 min Scan# 899  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 45 Resp: 208132  
Ion Ratio Lower Upper  
45 100  
77 13.3 2.2 42.2  
79 10.3 0.0 34.3

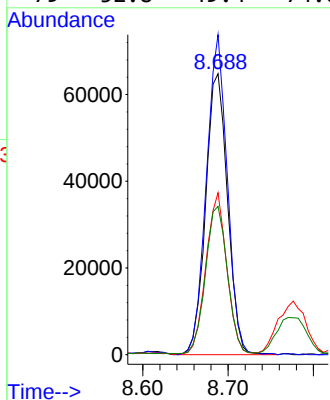




#17  
2-Methylphenol  
Concen: 47.39 ng  
RT: 8.688 min Scan# 885  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



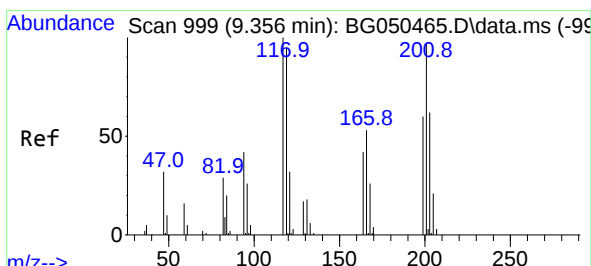
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 115620 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.9 | 84.6  | 127.0  |
| 77       | 57.7  | 50.7  | 76.1   |
| 79       | 52.8  | 49.4  | 74.0   |



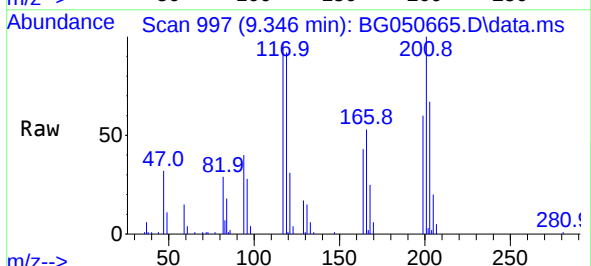
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

Manual Integrations  
APPROVED

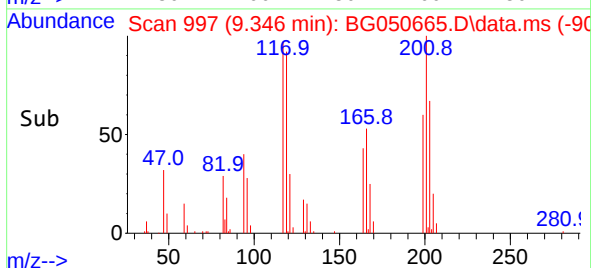
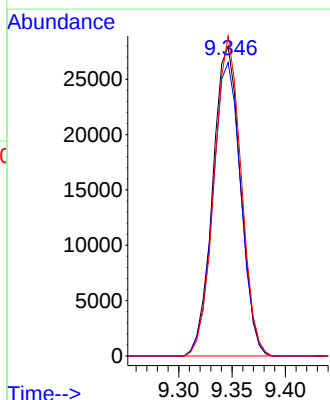
mohammad  
10/22/2021 2:54:11 PM

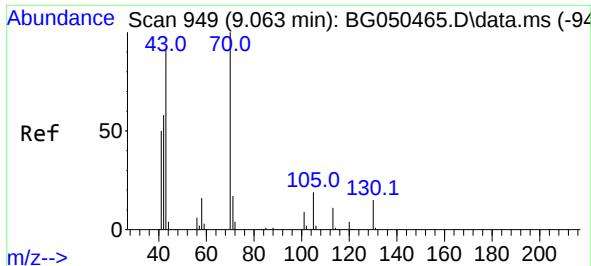


#18  
Hexachloroethane  
Concen: 45.22 ng  
RT: 9.346 min Scan# 997  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 50514 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.8  | 74.4  | 111.6 |
| 201      | 103.3 | 88.6  | 133.0 |





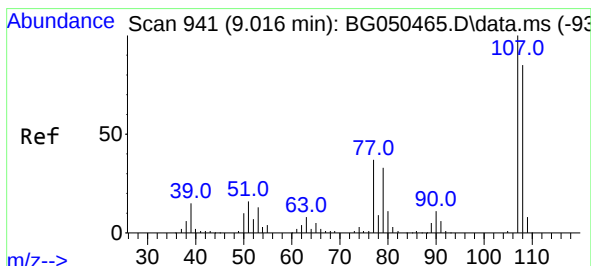
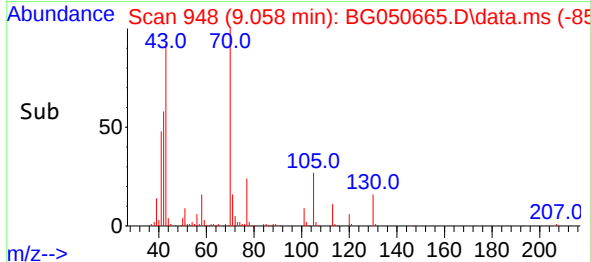
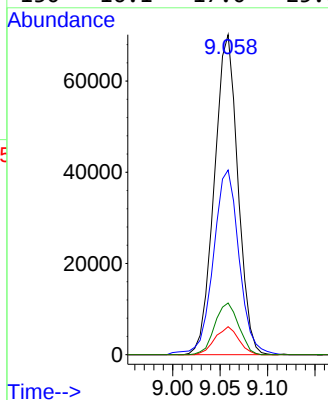
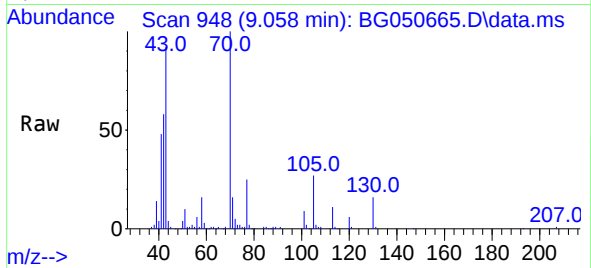
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.60 ng  
RT: 9.058 min Scan# 948  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 121208 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.7  | 54.5  | 81.7   |
| 101      | 8.8   | 9.0   | 13.6#  |
| 130      | 16.1  | 17.0  | 25.6#  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

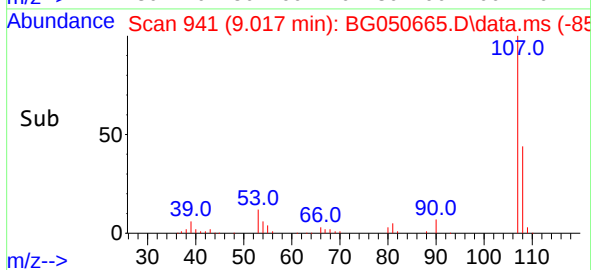
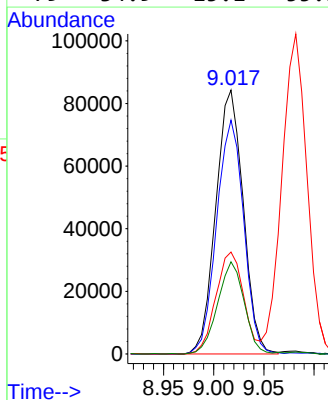
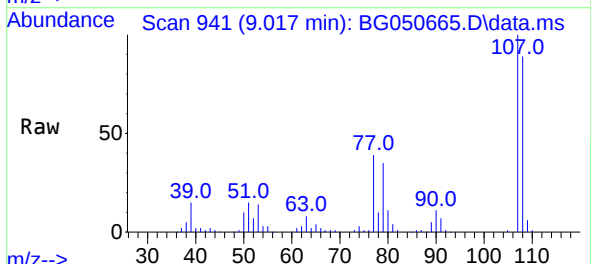
Manual Integrations  
APPROVED

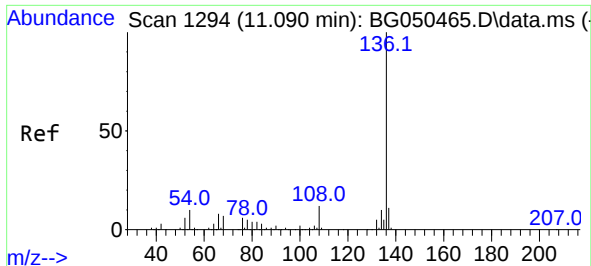
mohammad  
10/22/2021 2:54:11 PM



#20  
3+4-Methylphenols  
Concen: 46.56 ng  
RT: 9.017 min Scan# 941  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

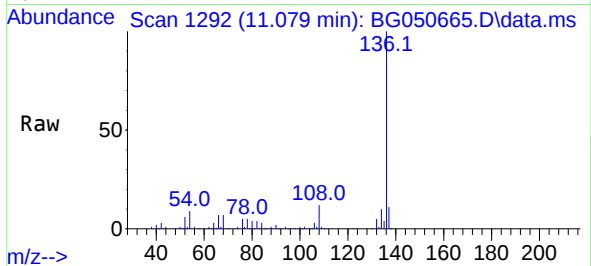
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 159906 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.6  | 69.3  | 109.3  |
| 77       | 38.6  | 25.2  | 65.2   |
| 79       | 34.9  | 15.1  | 55.1   |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.079 min Scan# 1292  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

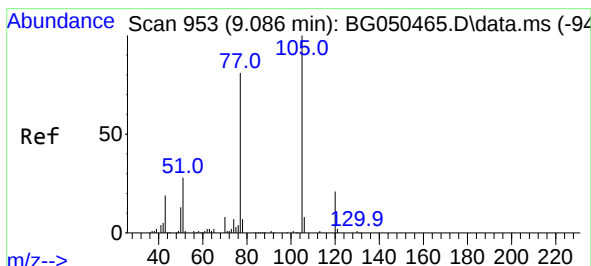
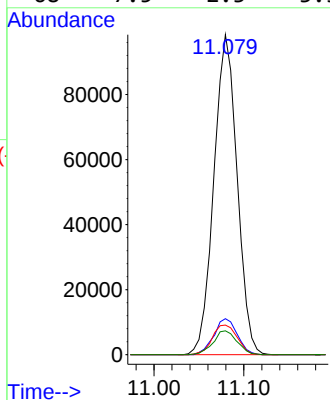
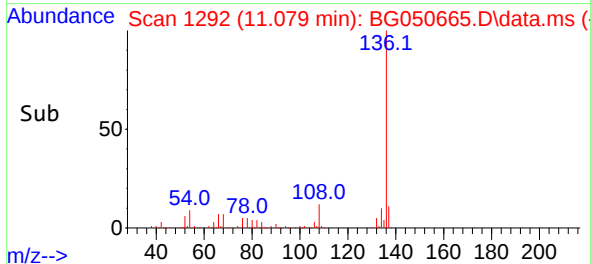
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



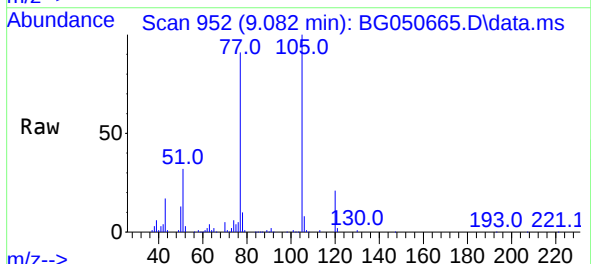
Tgt Ion:136 Resp: 176934  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.2 12.2  
54 9.3 5.5 8.3#  
68 7.5 2.3 3.5#

Manual Integrations  
APPROVED

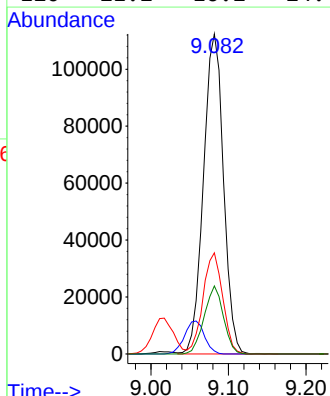
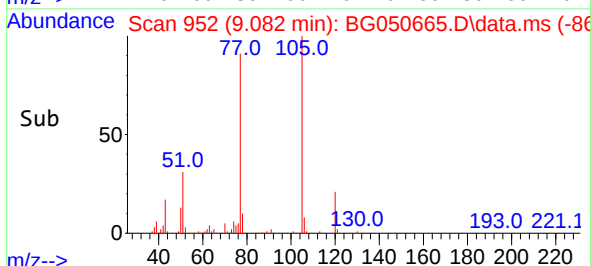
mohammad  
10/22/2021 2:54:11 PM

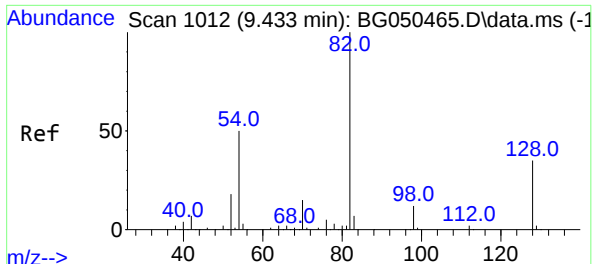


#22  
Acetophenone  
Concen: 39.98 ng  
RT: 9.082 min Scan# 952  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



Tgt Ion:105 Resp: 201102  
Ion Ratio Lower Upper  
105 100  
71 0.9 0.6 0.8#  
51 31.6 26.6 40.0  
120 21.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 76.05 ng

RT: 9.428 min Scan# 1011

Delta R.T. 0.001 min

Lab File: BG050665.D

Acq: 21 Oct 2021 13:05

Tgt Ion: 82 Resp: 325062

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.5  | 29.8  | 44.6  |
| 54  | 50.6  | 45.8  | 68.8  |

Instrument :

BNA\_G

ClientSampled :

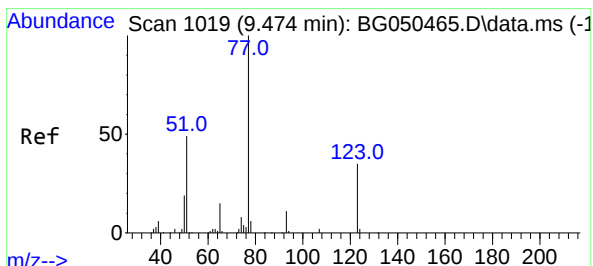
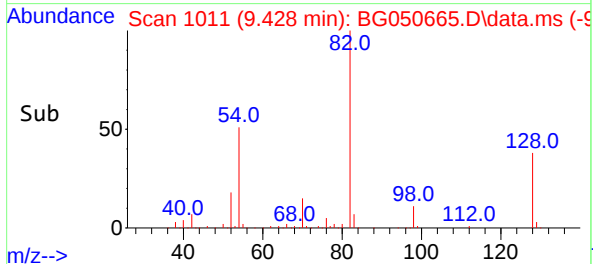
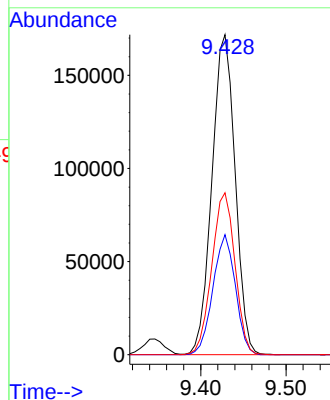
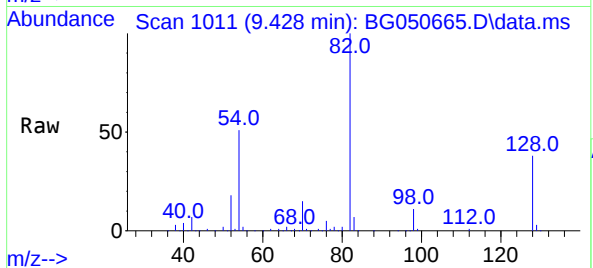
PB140074BSD

Manual Integrations

APPROVED

mohammad

10/22/2021 2:54:11 PM



#24

Nitrobenzene

Concen: 40.85 ng

RT: 9.470 min Scan# 1018

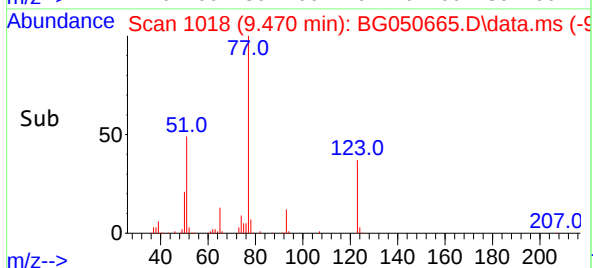
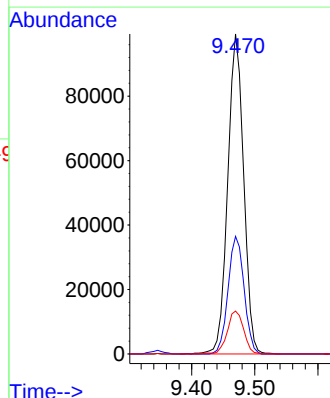
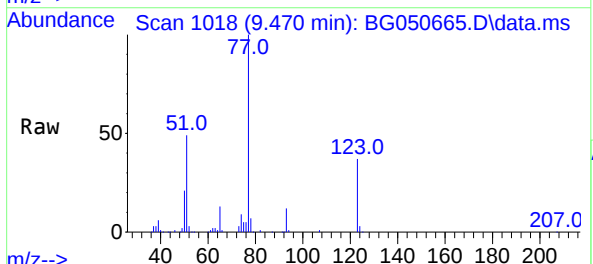
Delta R.T. -0.005 min

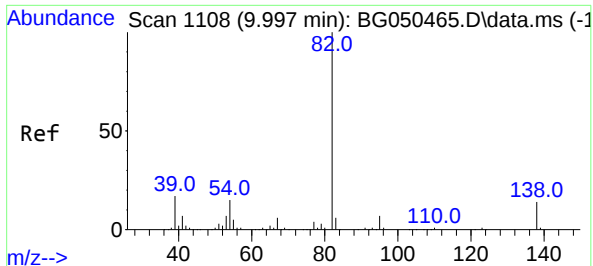
Lab File: BG050665.D

Acq: 21 Oct 2021 13:05

Tgt Ion: 77 Resp: 173598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 36.8  | 27.5  | 41.3  |
| 65  | 13.4  | 12.6  | 18.8  |





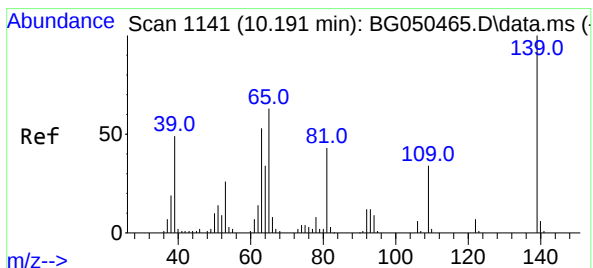
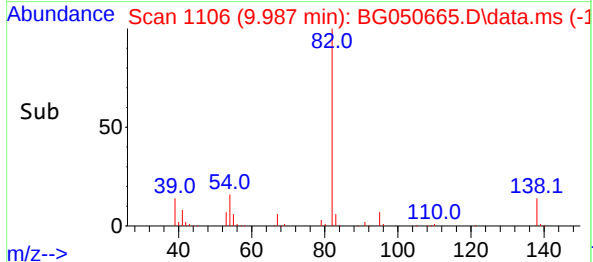
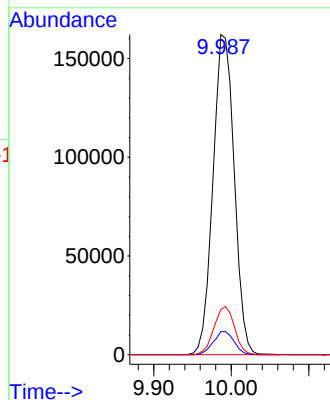
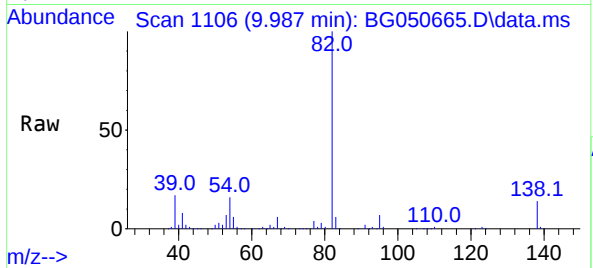
#25  
Isophorone  
Concen: 40.73 ng  
RT: 9.987 min Scan# 1106  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 82 Resp: 308763  
Ion Ratio Lower Upper  
82 100  
95 7.2 8.5 12.7#  
138 14.1 11.8 17.6

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

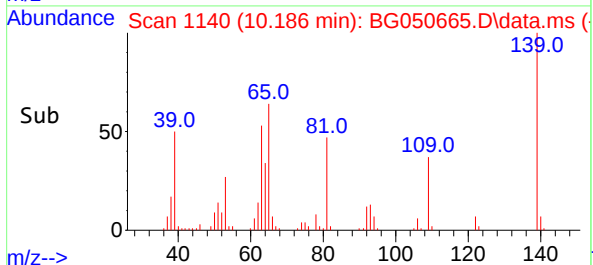
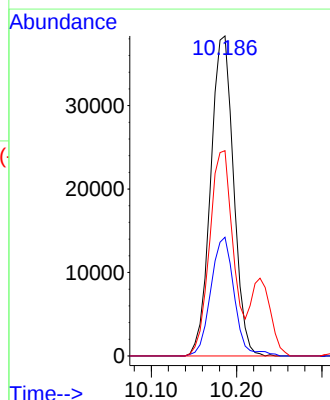
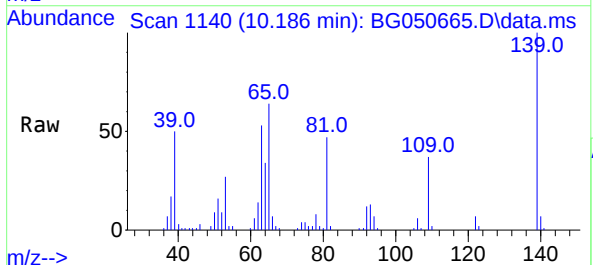
Manual Integrations  
APPROVED

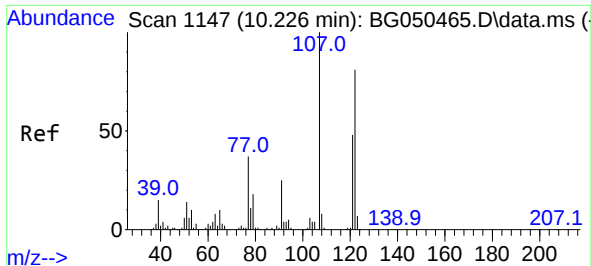
mohammad  
10/22/2021 2:54:11 PM



#26  
2-Nitrophenol  
Concen: 45.83 ng  
RT: 10.186 min Scan# 1140  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

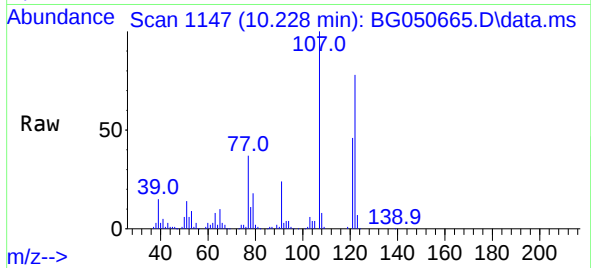
Tgt Ion: 139 Resp: 71518  
Ion Ratio Lower Upper  
139 100  
109 37.1 37.8 56.6#  
65 64.2 51.8 77.8





#27  
2,4-Dimethylphenol  
Concen: 47.13 ng  
RT: 10.228 min Scan# 1147  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

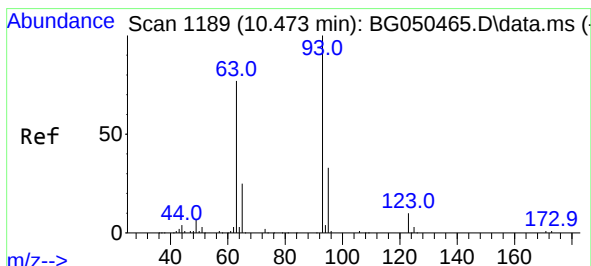
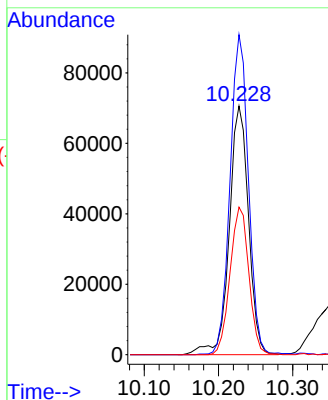
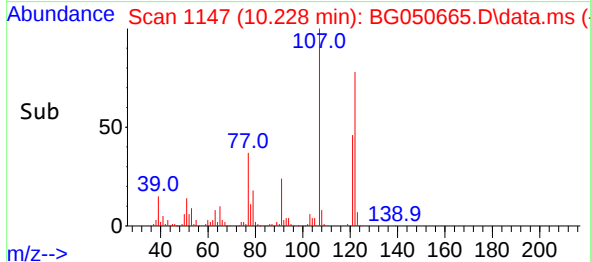
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



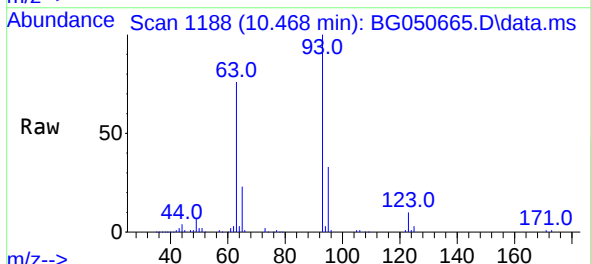
Tgt Ion:122 Resp: 127078  
Ion Ratio Lower Upper  
122 100  
107 128.7 110.1 165.1  
121 59.4 49.0 73.6

Manual Integrations  
APPROVED

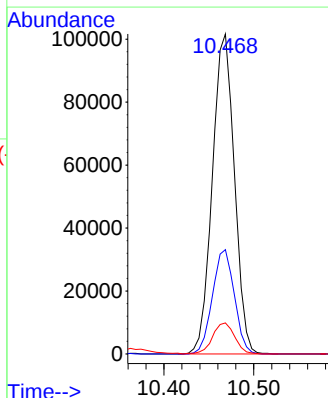
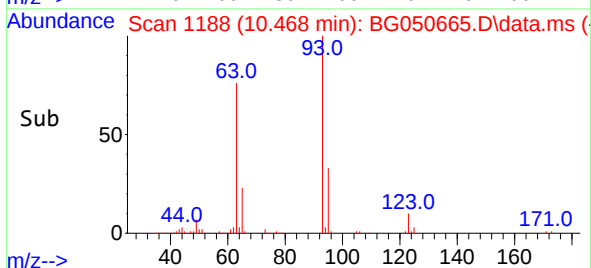
mohammad  
10/22/2021 2:54:11 PM

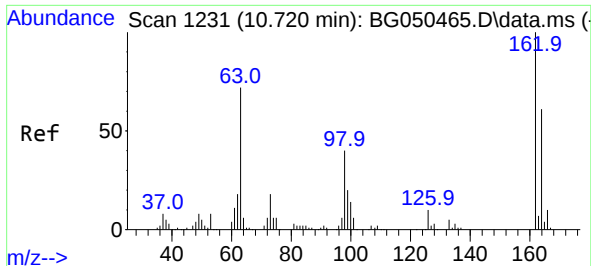


#28  
bis(2-Chloroethoxy)methane  
Concen: 39.99 ng  
RT: 10.468 min Scan# 1188  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



Tgt Ion: 93 Resp: 173364  
Ion Ratio Lower Upper  
93 100  
95 32.6 22.2 33.4  
123 9.7 8.8 13.2





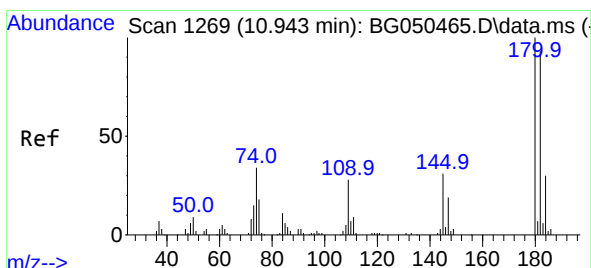
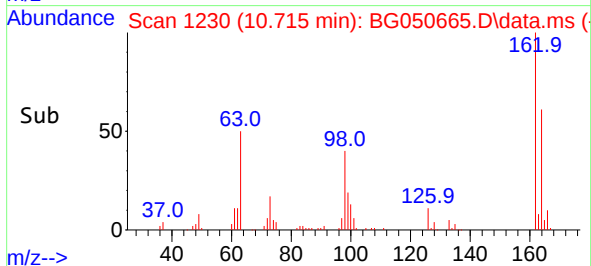
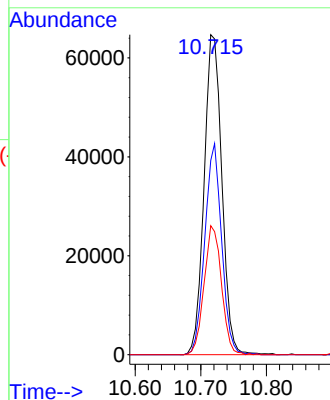
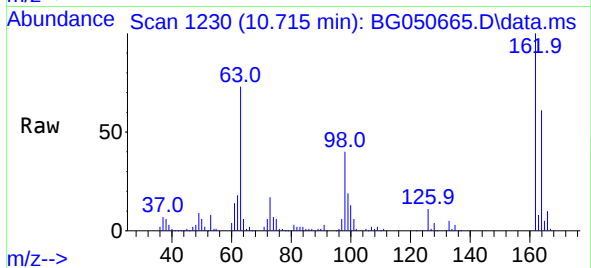
#29  
2,4-Dichlorophenol  
Concen: 44.38 ng  
RT: 10.715 min Scan# 1230  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:162 Resp: 121961  
Ion Ratio Lower Upper  
162 100  
164 60.7 39.4 79.4  
98 40.3 18.7 58.7

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

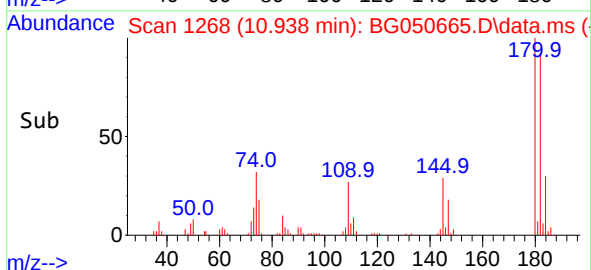
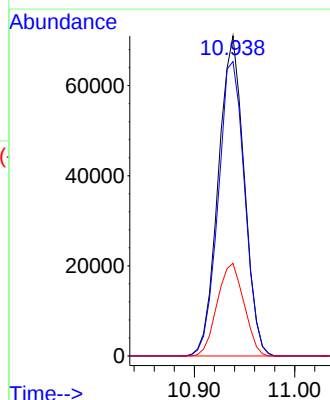
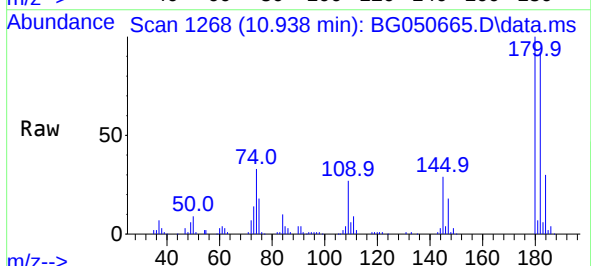
Manual Integrations  
APPROVED

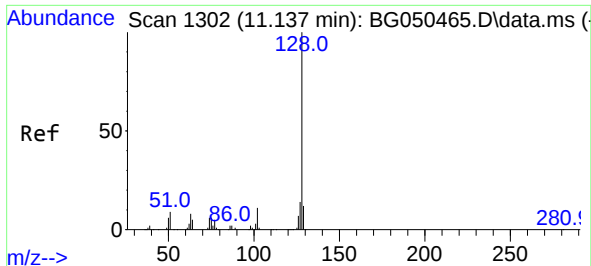
mohammad  
10/22/2021 2:54:11 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 40.71 ng  
RT: 10.938 min Scan# 1268  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:180 Resp: 127065  
Ion Ratio Lower Upper  
180 100  
182 92.0 78.9 118.3  
145 29.0 26.2 39.4





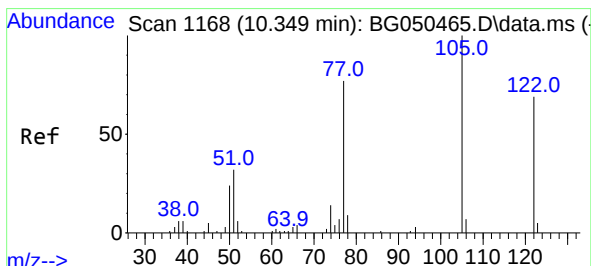
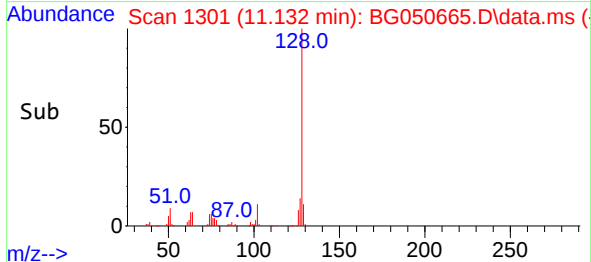
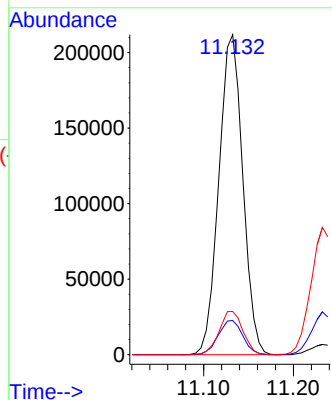
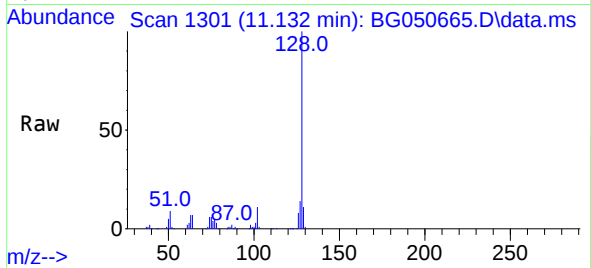
#31  
Naphthalene  
Concen: 41.32 ng  
RT: 11.132 min Scan# 1301  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:128 Resp: 391354  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.5 12.7  
127 13.5 10.2 15.4

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

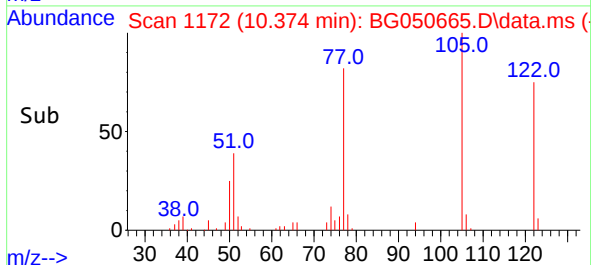
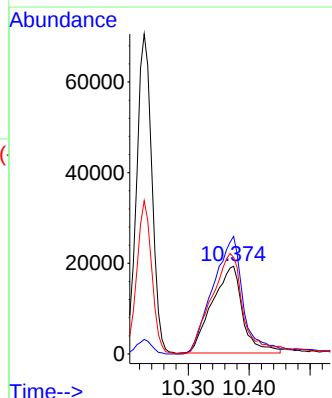
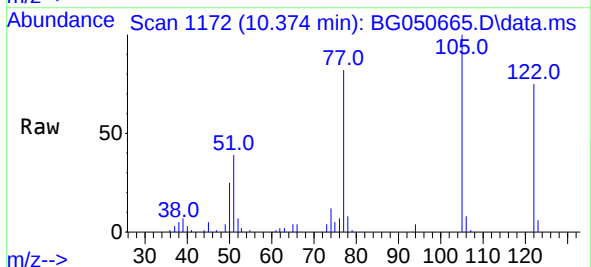
Manual Integrations  
APPROVED

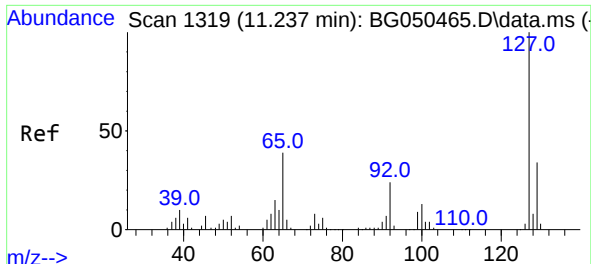
mohammad  
10/22/2021 2:54:11 PM



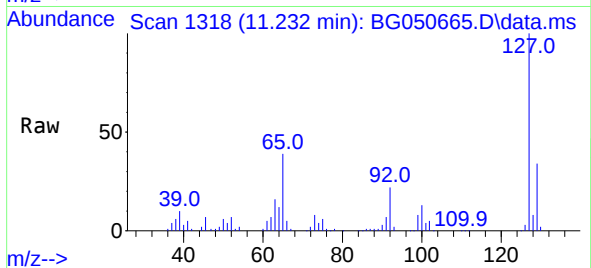
#32  
Benzoic acid  
Concen: 33.27 ng  
RT: 10.374 min Scan# 1172  
Delta R.T. 0.019 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:122 Resp: 66570  
Ion Ratio Lower Upper  
122 100  
105 134.1 92.3 132.3#  
77 110.3 66.5 106.5#

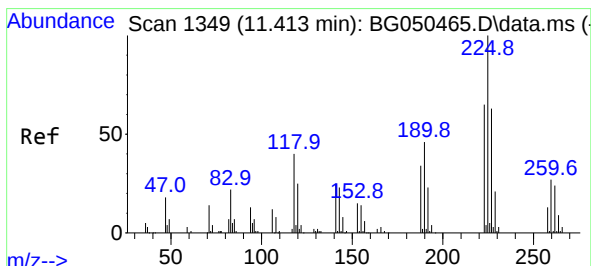
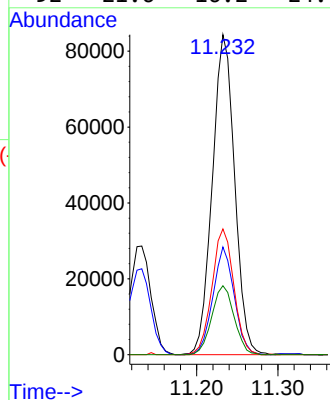
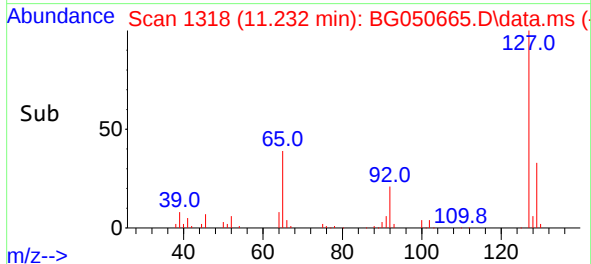




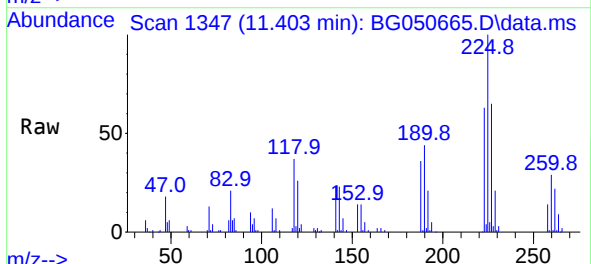
#33  
4-Chloroaniline  
Concen: 40.55 ng  
RT: 11.232 min Scan# 1318  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



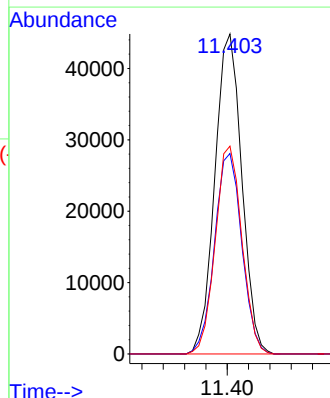
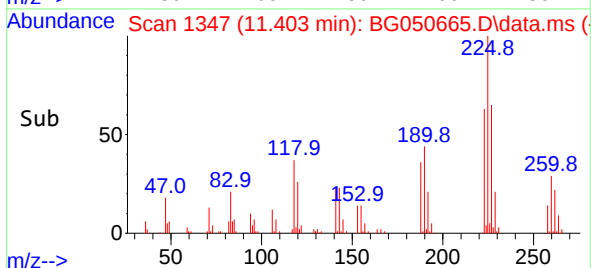
Tgt Ion:127 Resp: 161113  
Ion Ratio Lower Upper  
127 100  
129 33.7 26.7 40.1  
65 39.3 32.8 49.2  
92 21.6 16.2 24.4



#34  
Hexachlorobutadiene  
Concen: 40.17 ng  
RT: 11.403 min Scan# 1347  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



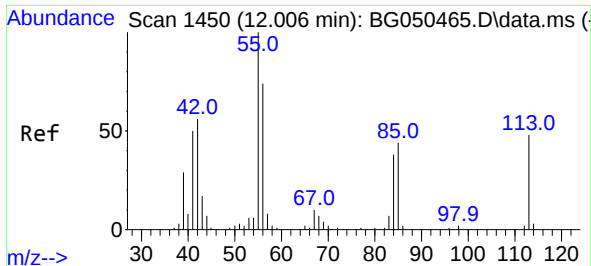
Tgt Ion:225 Resp: 78720  
Ion Ratio Lower Upper  
225 100  
223 62.7 49.8 74.8  
227 64.9 46.4 69.6



Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



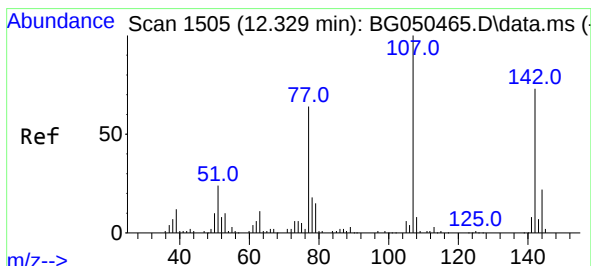
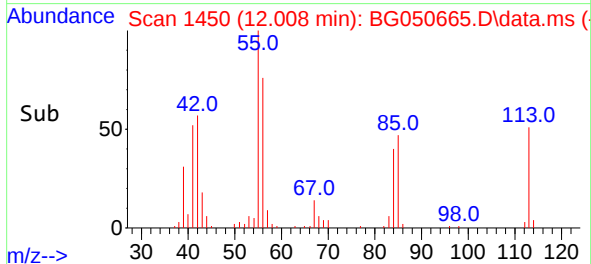
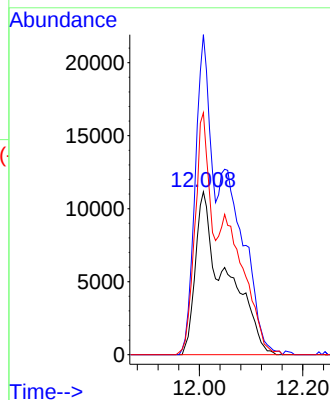
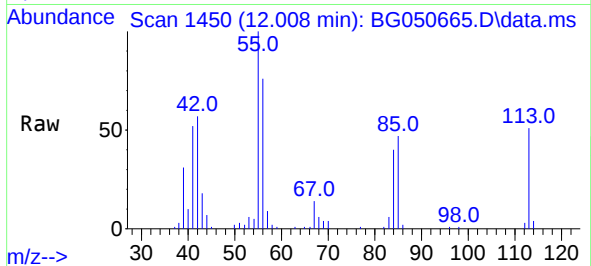
#35  
Caprolactam  
Concen: 43.83 ng m  
RT: 12.008 min Scan# 1450  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:113 Resp: 46098  
Ion Ratio Lower Upper  
113 100  
55 196.5 113.8 153.8#  
56 148.6 105.6 145.6#

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

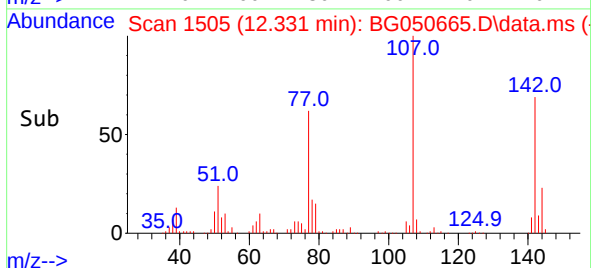
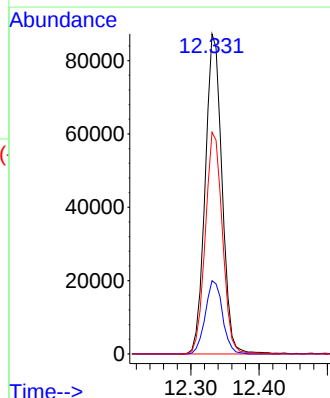
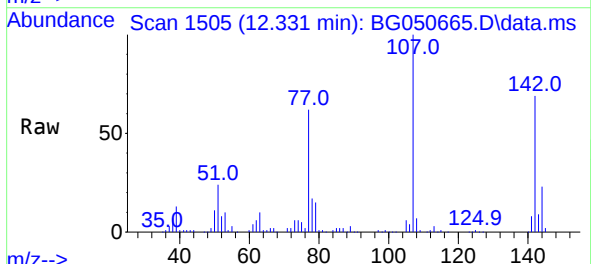
Manual Integrations  
APPROVED

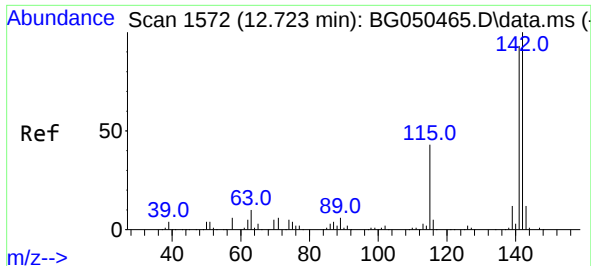
mohammad  
10/22/2021 2:54:11 PM



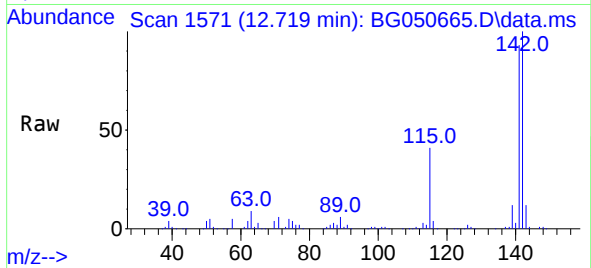
#36  
4-Chloro-3-methylphenol  
Concen: 43.51 ng  
RT: 12.331 min Scan# 1505  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:107 Resp: 149434  
Ion Ratio Lower Upper  
107 100  
144 22.9 24.8 37.2#  
142 69.3 62.2 93.4

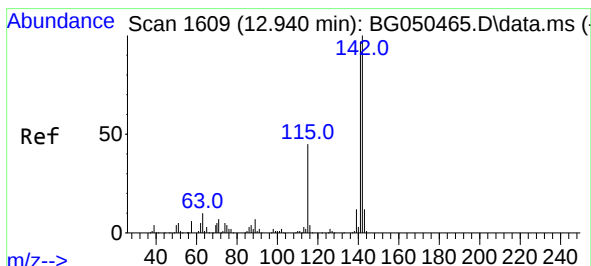
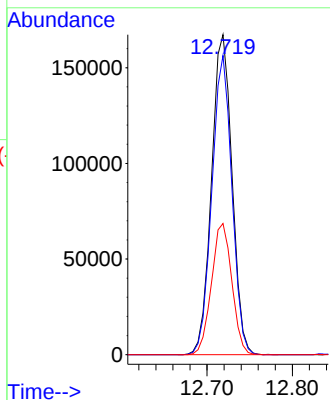
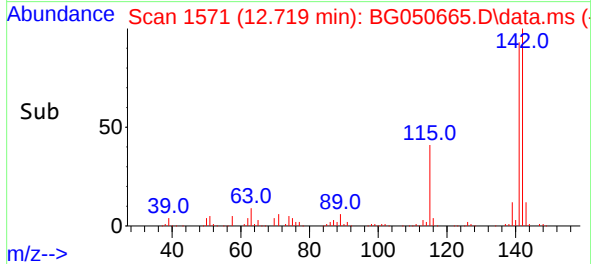




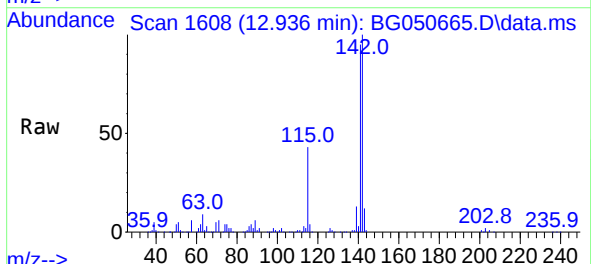
#37  
2-Methylnaphthalene  
Concen: 42.80 ng  
RT: 12.719 min Scan# 1571  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



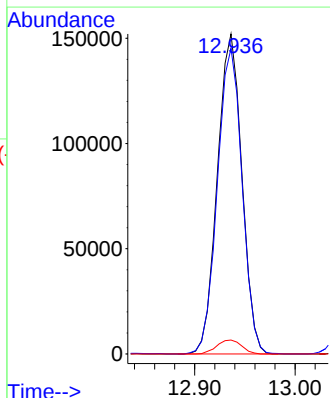
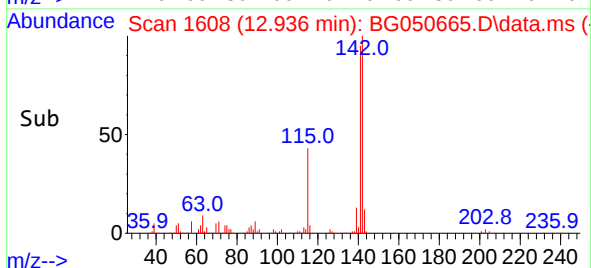
Tgt Ion:142 Resp: 279672  
Ion Ratio Lower Upper  
142 100  
141 93.5 68.8 103.2  
115 41.0 36.4 54.6



#38  
1-Methylnaphthalene  
Concen: 40.61 ng  
RT: 12.936 min Scan# 1608  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



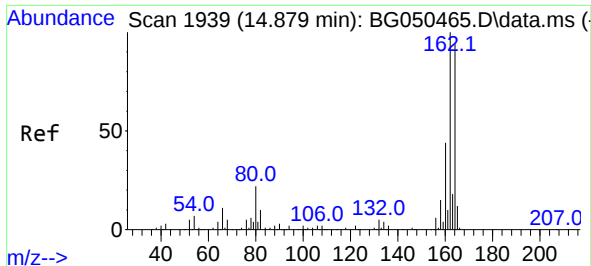
Tgt Ion:142 Resp: 257313  
Ion Ratio Lower Upper  
142 100  
141 95.5 70.6 106.0  
116 4.3 4.0 6.0



Instrument :  
BNA\_G  
ClientSampled :  
PB140074BSD

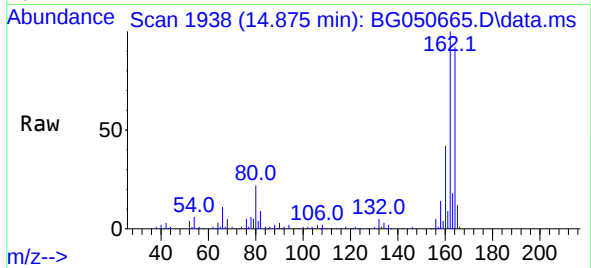
Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.875 min Scan# 1938  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

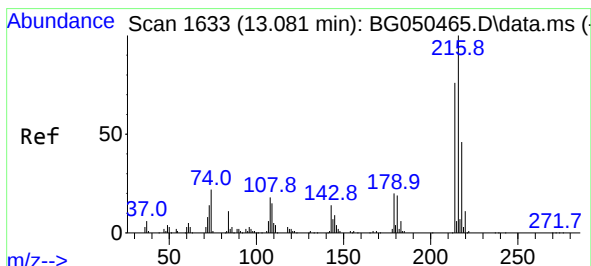
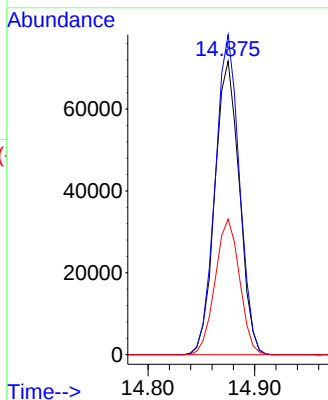
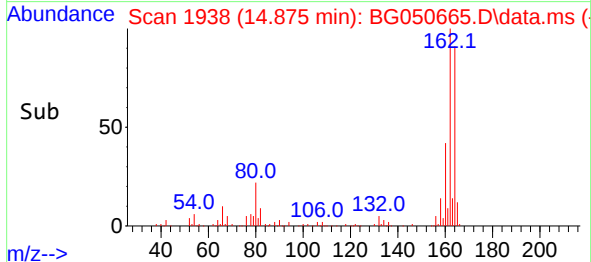
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



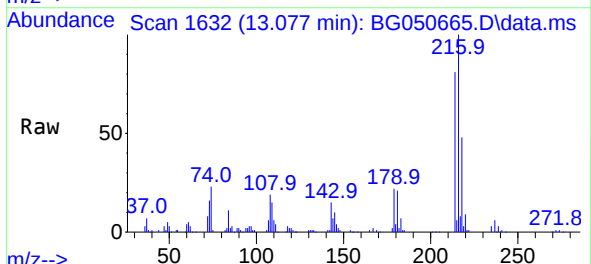
Tgt Ion:164 Resp: 114523  
Ion Ratio Lower Upper  
164 100  
162 109.0 81.4 122.0  
160 46.2 34.9 52.3

Manual Integrations  
APPROVED

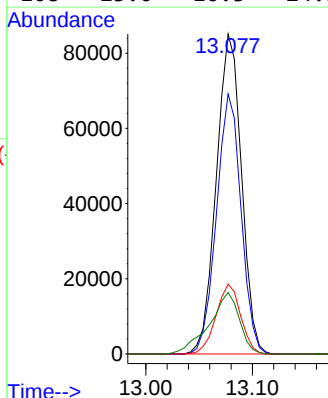
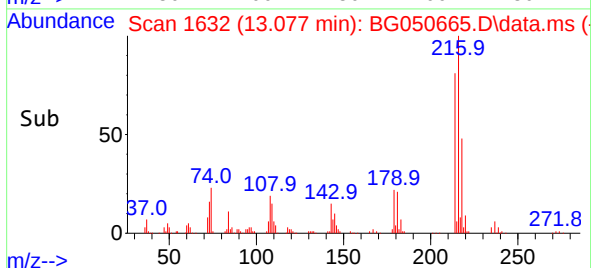
mohammad  
10/22/2021 2:54:11 PM

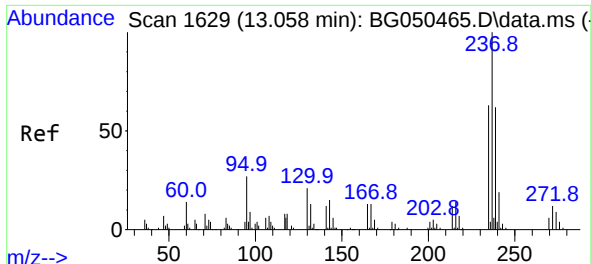


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.23 ng  
RT: 13.077 min Scan# 1632  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



Tgt Ion:216 Resp: 139422  
Ion Ratio Lower Upper  
216 100  
214 79.2 61.4 92.2  
179 21.4 17.3 25.9  
108 23.0 16.3 24.5





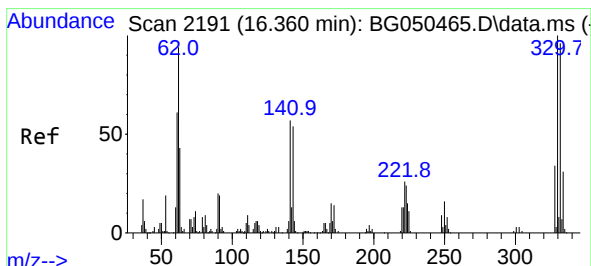
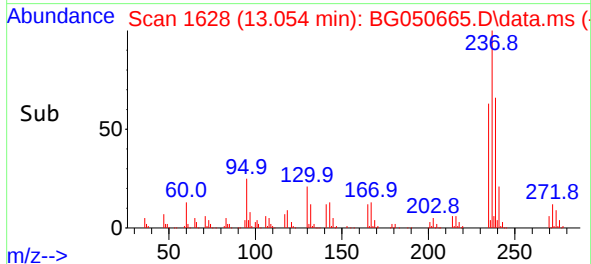
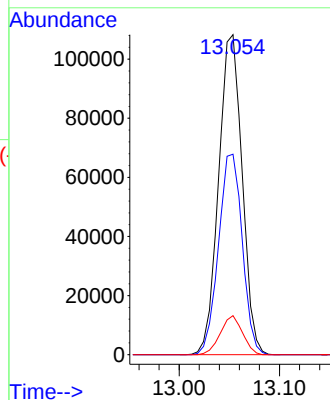
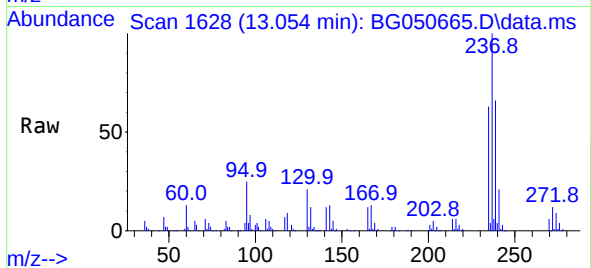
#41  
Hexachlorocyclopentadiene  
Concen: 90.19 ng  
RT: 13.054 min Scan# 1628  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:237 Resp: 176285  
Ion Ratio Lower Upper  
237 100  
235 62.7 36.6 76.6  
272 12.2 0.0 32.5

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

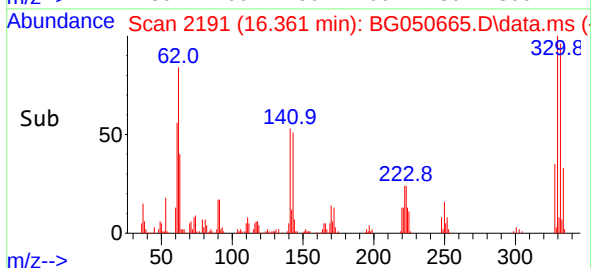
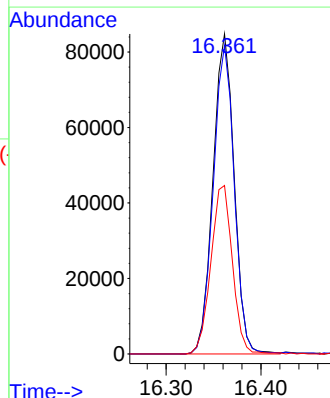
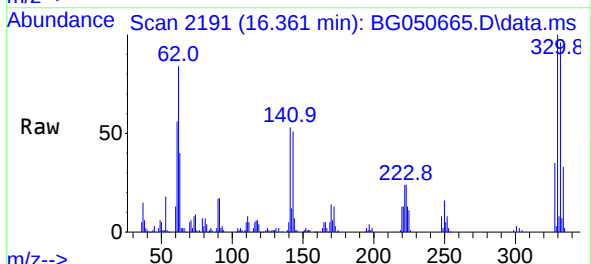
Manual Integrations  
APPROVED

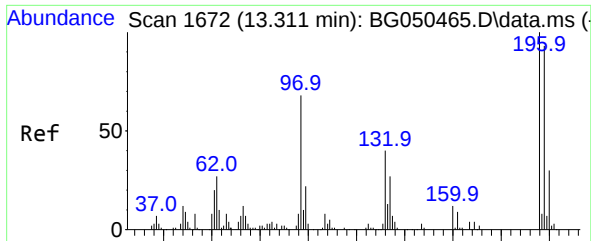
mohammad  
10/22/2021 2:54:11 PM



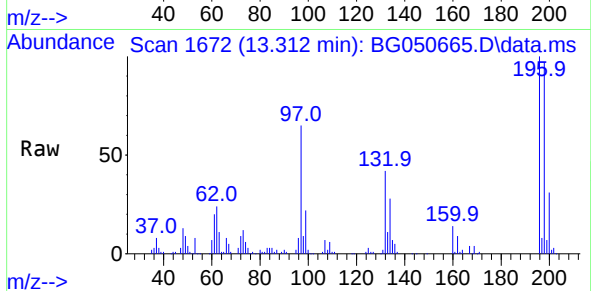
#42  
2,4,6-Tribromophenol  
Concen: 120.33 ng  
RT: 16.361 min Scan# 2191  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:330 Resp: 131438  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.3 115.9  
141 53.7 35.6 53.4#

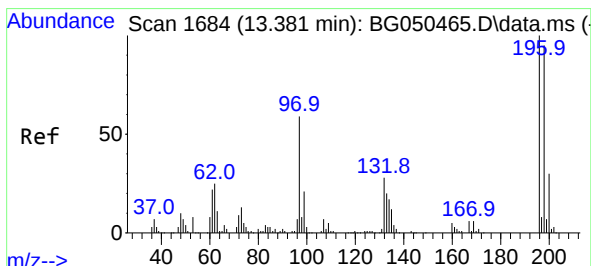
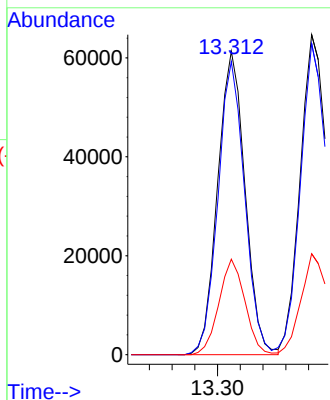
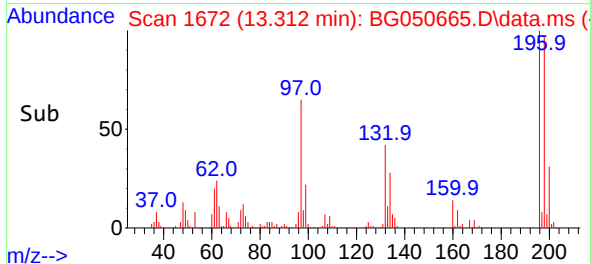




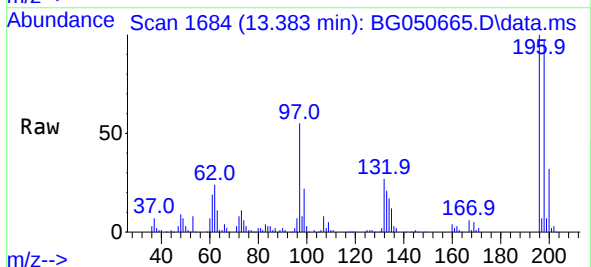
#43  
2,4,6-Trichlorophenol  
Concen: 42.96 ng  
RT: 13.312 min Scan# 1672  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



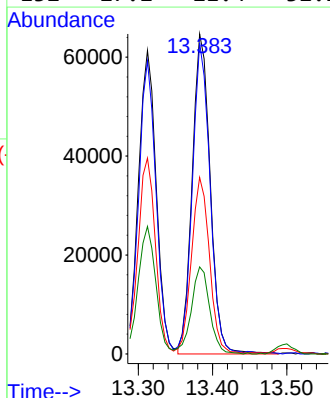
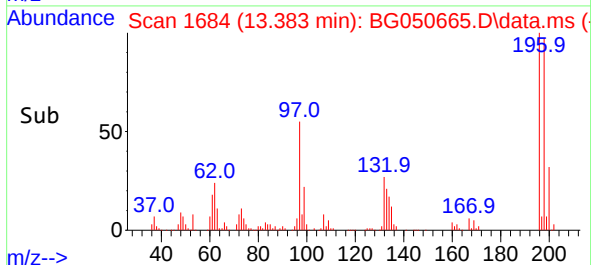
Tgt Ion:196 Resp: 102378  
Ion Ratio Lower Upper  
196 100  
198 96.6 82.1 123.1  
200 31.5 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 43.91 ng  
RT: 13.383 min Scan# 1684  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



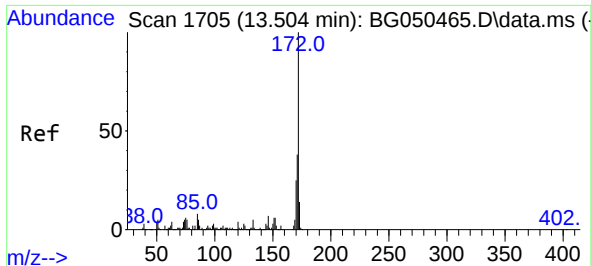
Tgt Ion:196 Resp: 109411  
Ion Ratio Lower Upper  
196 100  
198 97.3 87.4 131.0  
97 55.2 43.3 64.9  
132 27.2 21.4 32.2



Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



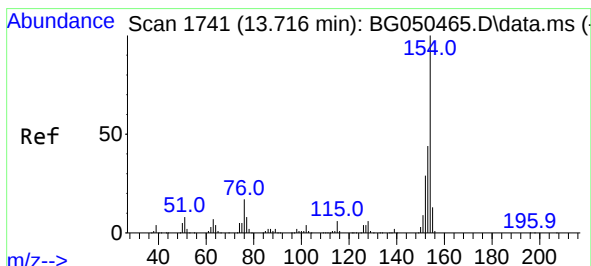
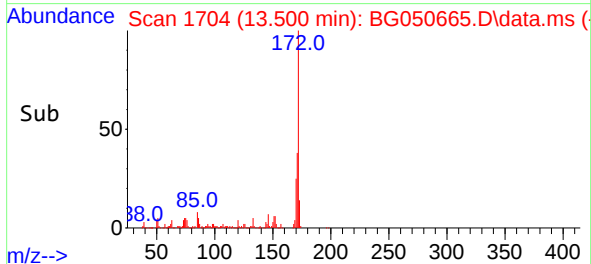
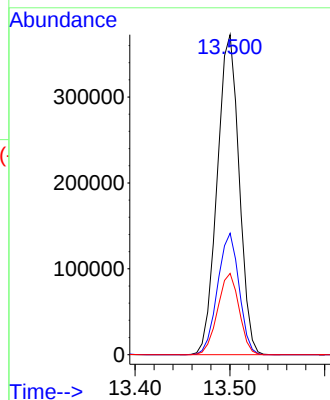
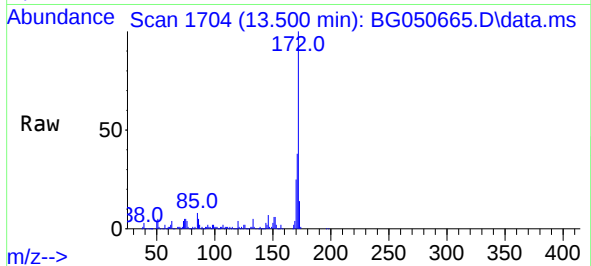
#45  
2-Fluorobiphenyl  
Concen: 78.70 ng  
RT: 13.500 min Scan# 1704  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:172 Resp: 598862  
Ion Ratio Lower Upper  
172 100  
171 38.0 28.6 43.0  
170 25.4 18.6 27.8

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

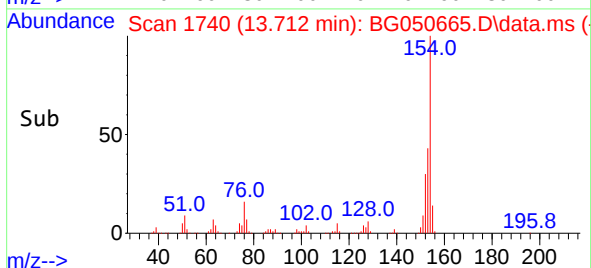
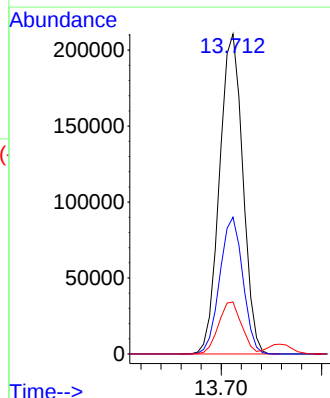
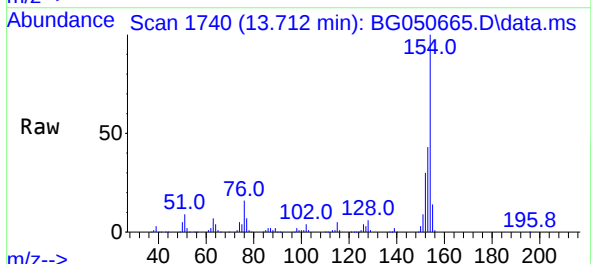
Manual Integrations  
APPROVED

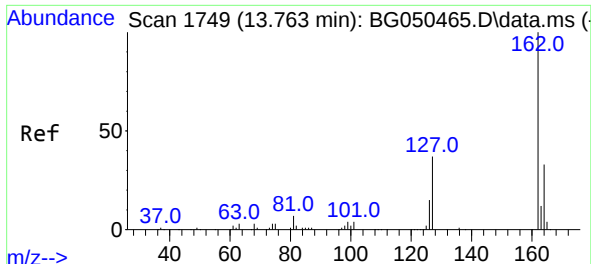
mohammad  
10/22/2021 2:54:11 PM



#46  
1,1'-Biphenyl  
Concen: 40.58 ng  
RT: 13.712 min Scan# 1740  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

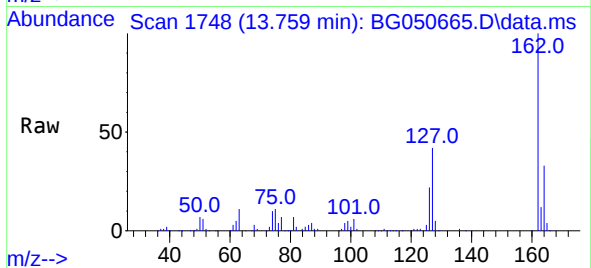
Tgt Ion:154 Resp: 338996  
Ion Ratio Lower Upper  
154 100  
153 42.7 20.5 60.5  
76 16.3 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 41.99 ng  
RT: 13.759 min Scan# 1748  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

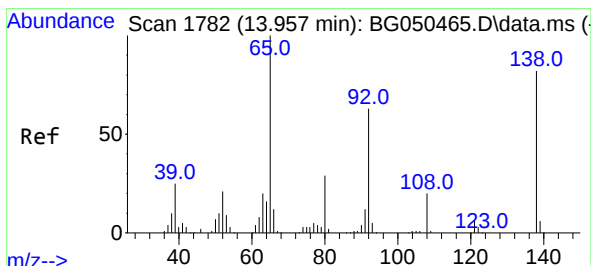
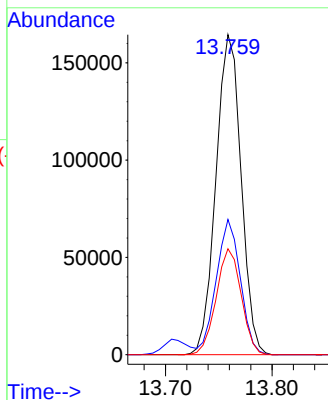
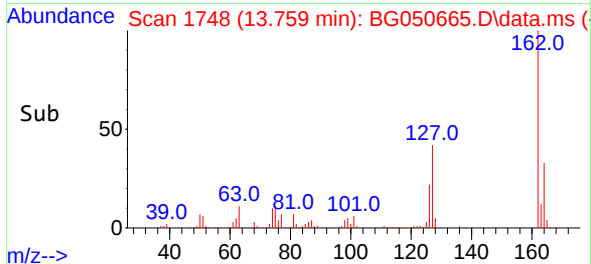
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



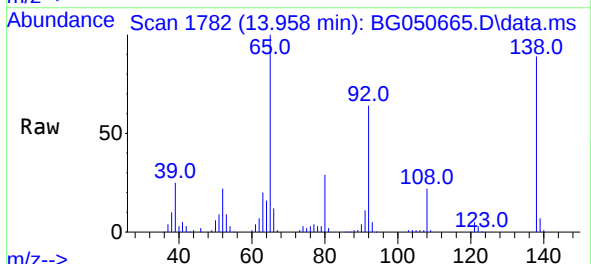
Tgt Ion:162 Resp: 269332  
Ion Ratio Lower Upper  
162 100  
127 42.2 32.7 49.1  
164 33.1 27.0 40.4

Manual Integrations  
APPROVED

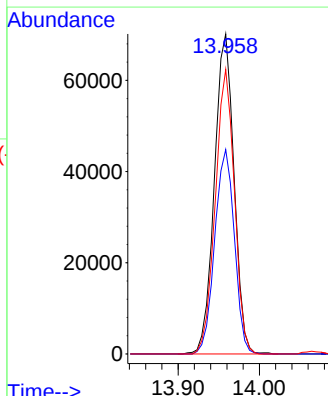
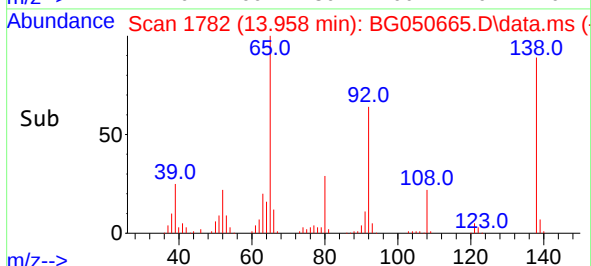
mohammad  
10/22/2021 2:54:11 PM

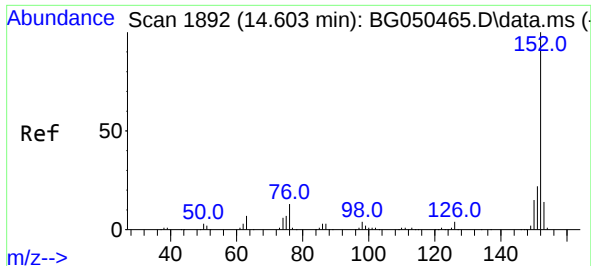


#48  
2-Nitroaniline  
Concen: 46.25 ng  
RT: 13.958 min Scan# 1782  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

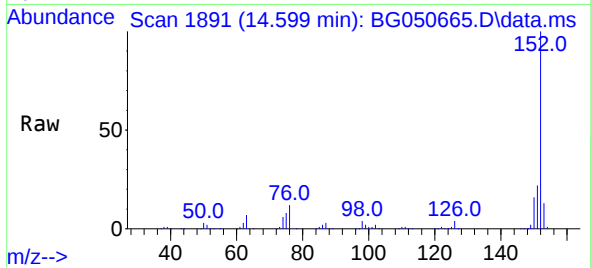


Tgt Ion: 65 Resp: 118006  
Ion Ratio Lower Upper  
65 100  
92 63.9 47.2 70.8  
138 88.9 68.0 102.0

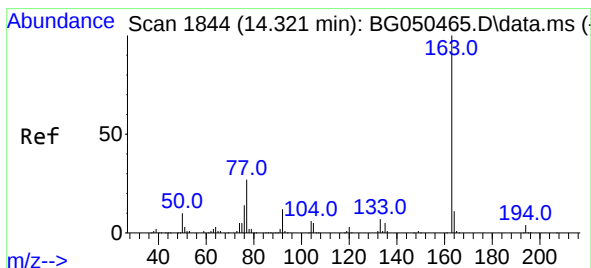
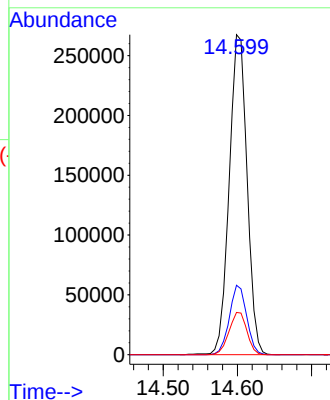
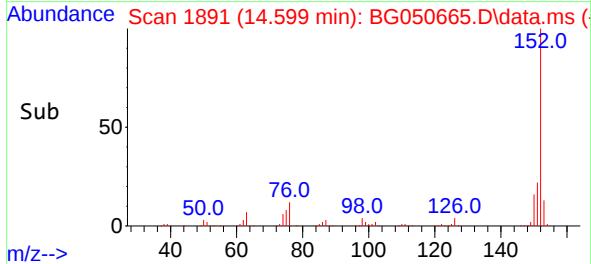




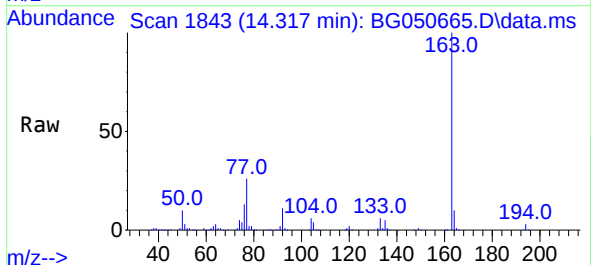
#49  
Acenaphthylene  
Concen: 42.43 ng  
RT: 14.599 min Scan# 1891  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



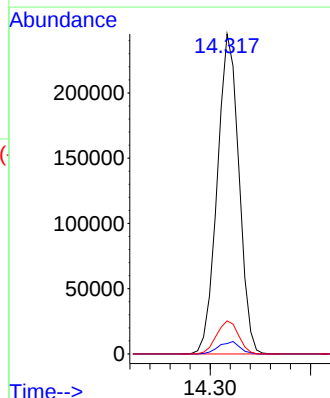
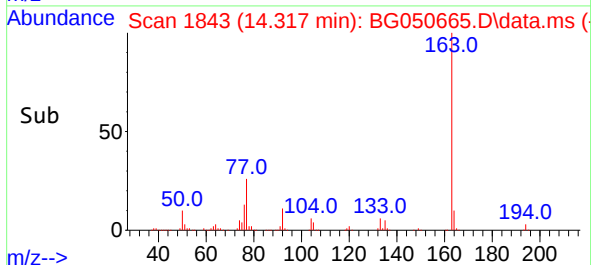
Tgt Ion:152 Resp: 445911  
Ion Ratio Lower Upper  
152 100  
151 21.7 18.2 27.4  
153 13.2 11.7 17.5



#50  
Dimethylphthalate  
Concen: 42.41 ng  
RT: 14.317 min Scan# 1843  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



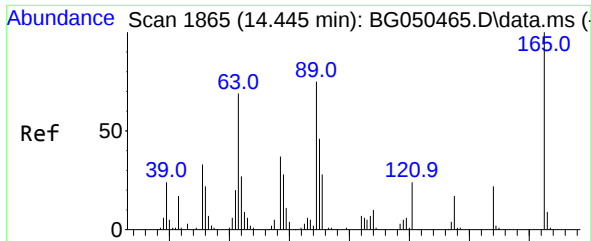
Tgt Ion:163 Resp: 367116  
Ion Ratio Lower Upper  
163 100  
194 3.3 3.0 4.6  
164 10.4 8.6 12.8



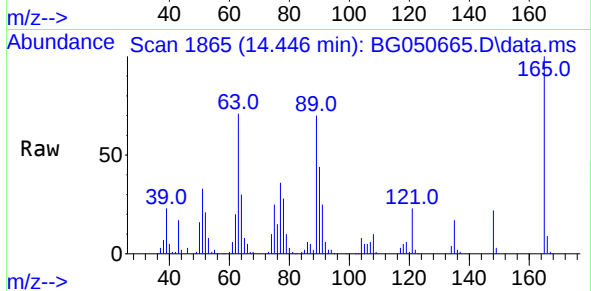
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

Manual Integrations  
APPROVED

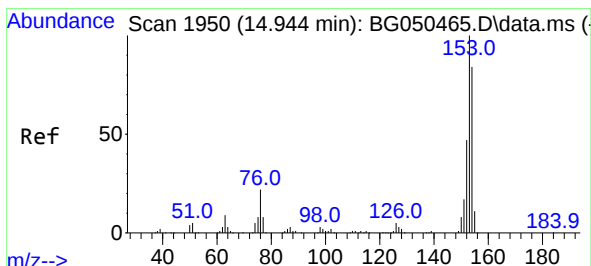
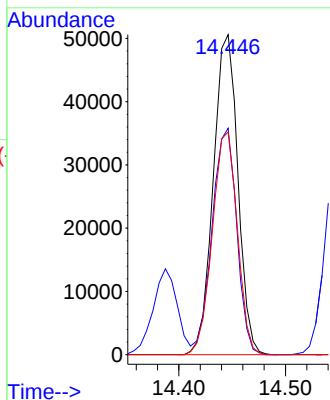
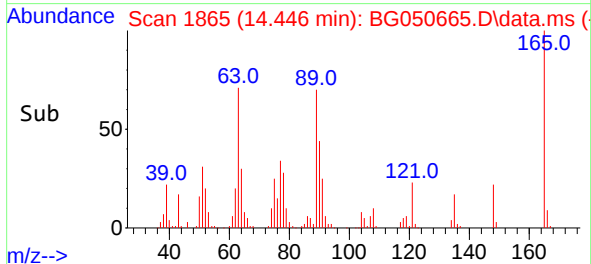
mohammad  
10/22/2021 2:54:11 PM



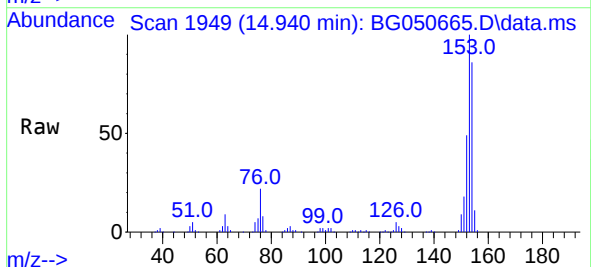
#51  
2,6-Dinitrotoluene  
Concen: 46.57 ng  
RT: 14.446 min Scan# 1865  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



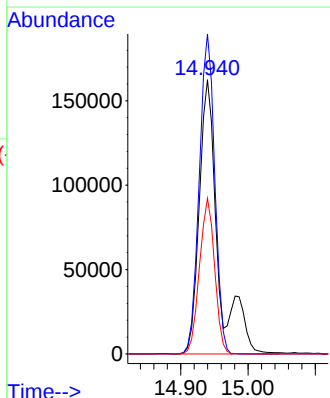
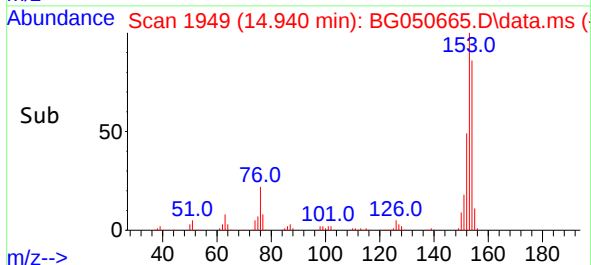
Tgt Ion:165 Resp: 80739  
Ion Ratio Lower Upper  
165 100  
63 70.8 63.3 94.9  
89 69.6 63.4 95.0



#52  
Acenaphthene  
Concen: 46.84 ng m  
RT: 14.940 min Scan# 1949  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



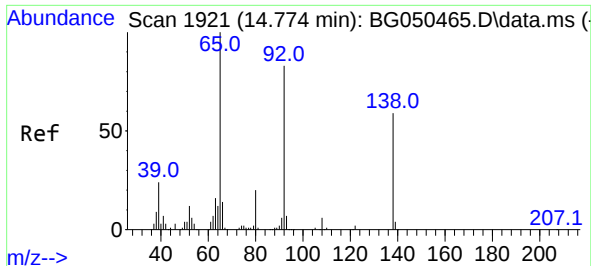
Tgt Ion:154 Resp: 316342  
Ion Ratio Lower Upper  
154 100  
153 116.7 87.0 130.4  
152 56.8 40.1 60.1



Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

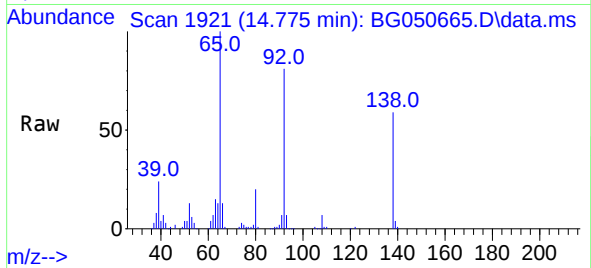
Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



#53  
3-Nitroaniline  
Concen: 39.86 ng  
RT: 14.775 min Scan# 1921  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

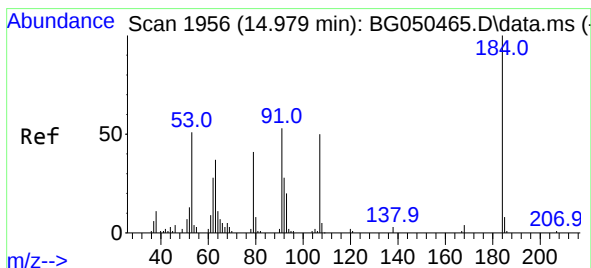
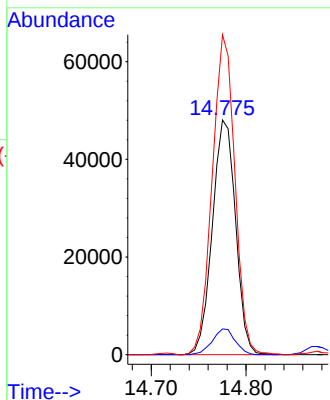
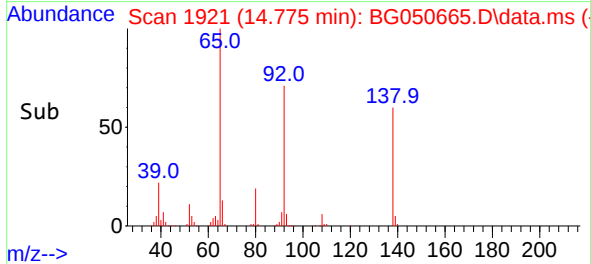
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



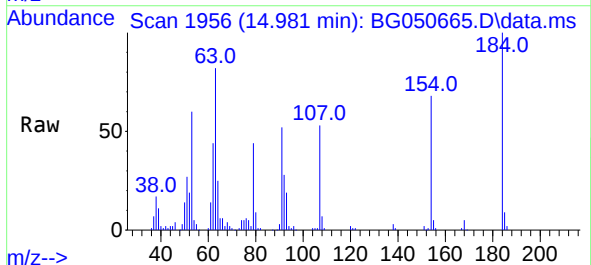
Tgt Ion:138 Resp: 81750  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.3 12.5  
92 136.4 96.4 144.6

Manual Integrations  
APPROVED

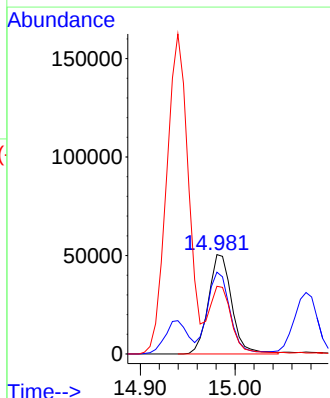
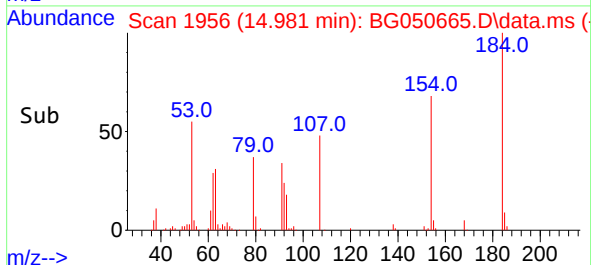
mohammad  
10/22/2021 2:54:11 PM

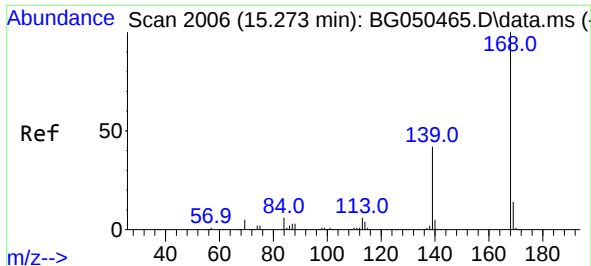


#54  
2,4-Dinitrophenol  
Concen: 79.98 ng  
RT: 14.981 min Scan# 1956  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



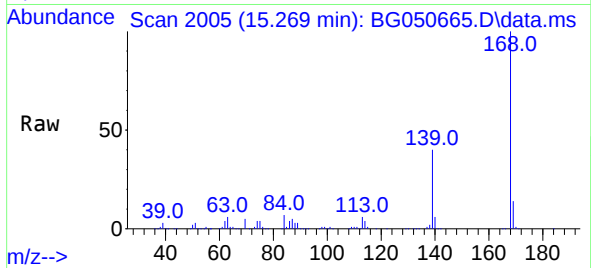
Tgt Ion:184 Resp: 86024  
Ion Ratio Lower Upper  
184 100  
63 82.4 68.3 102.5  
154 68.1 62.6 93.8





#55  
Dibenzenofuran  
Concen: 40.60 ng  
RT: 15.269 min Scan# 2005  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

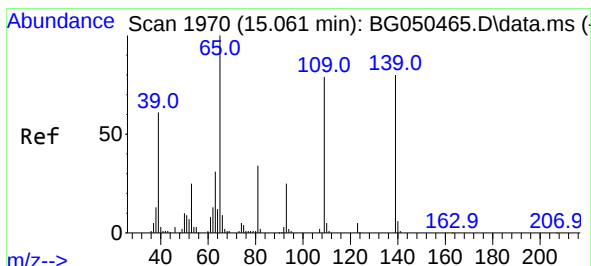
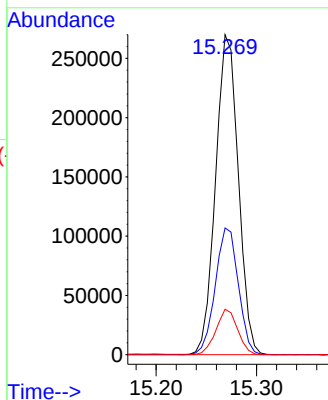
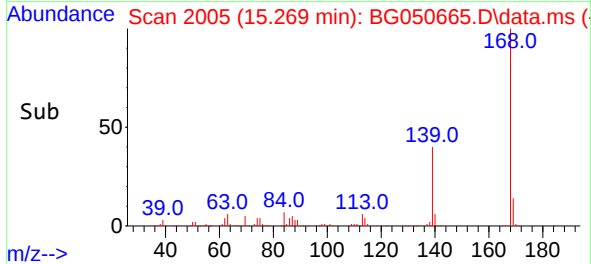
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



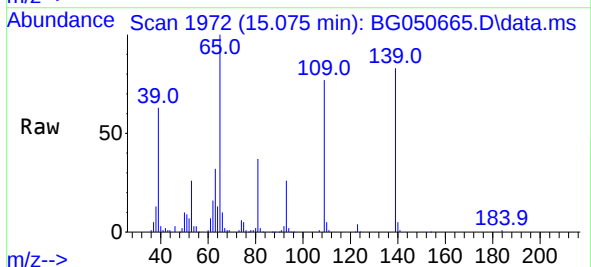
Tgt Ion:168 Resp: 424062  
Ion Ratio Lower Upper  
168 100  
139 39.6 33.4 50.2  
169 14.2 12.3 18.5

Manual Integrations  
APPROVED

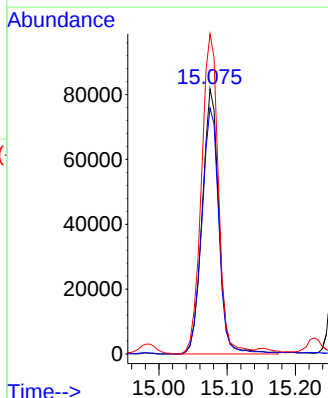
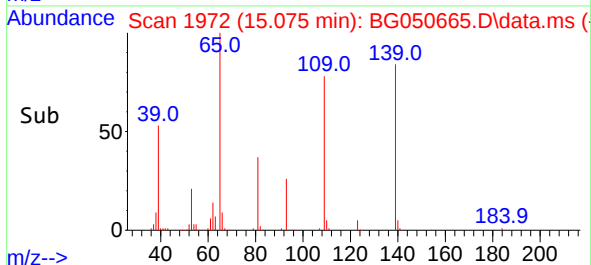
mohammad  
10/22/2021 2:54:11 PM

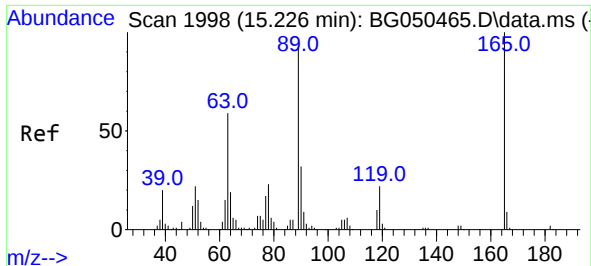


#56  
4-Nitrophenol  
Concen: 84.30 ng  
RT: 15.075 min Scan# 1972  
Delta R.T. 0.007 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

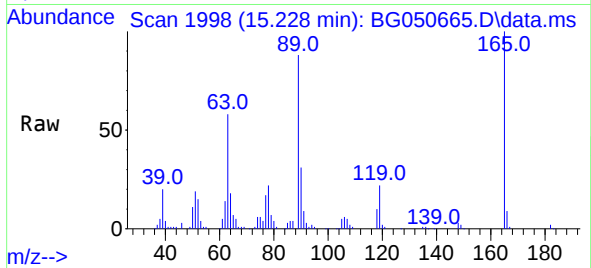


Tgt Ion:139 Resp: 139075  
Ion Ratio Lower Upper  
139 100  
109 92.8 116.3 156.3#  
65 120.7 105.0 145.0

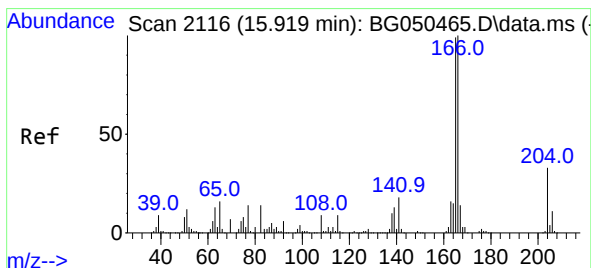
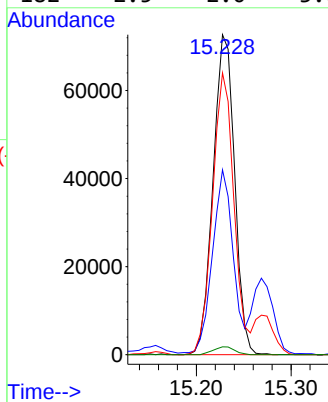
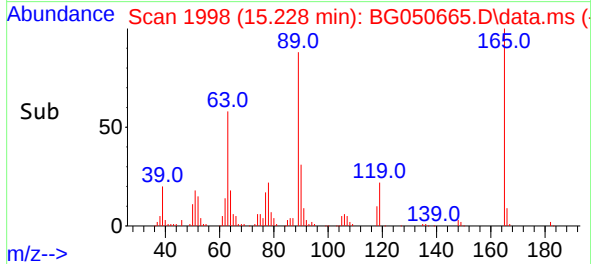




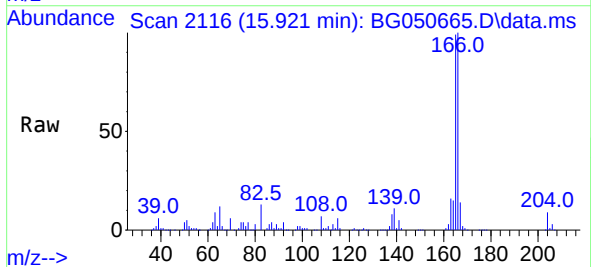
#57  
2,4-Dinitrotoluene  
Concen: 46.93 ng  
RT: 15.228 min Scan# 1998  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



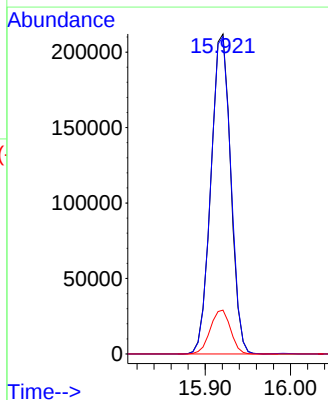
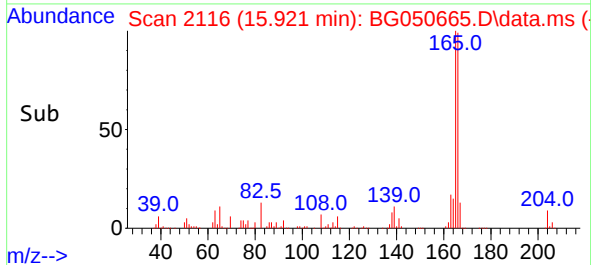
Tgt Ion:165 Resp: 114688  
Ion Ratio Lower Upper  
165 100  
63 57.7 48.0 72.0  
89 88.0 65.4 98.0  
182 2.5 2.0 3.0



#58  
Fluorene  
Concen: 42.46 ng  
RT: 15.921 min Scan# 2116  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



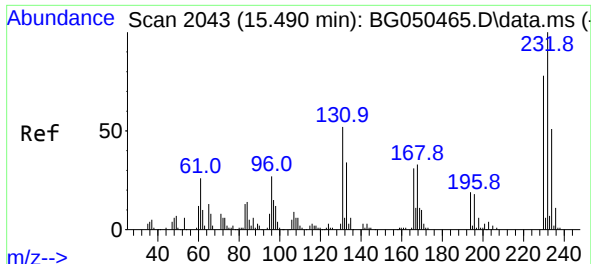
Tgt Ion:166 Resp: 340621  
Ion Ratio Lower Upper  
166 100  
165 99.2 77.7 116.5  
167 13.7 10.8 16.2



Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



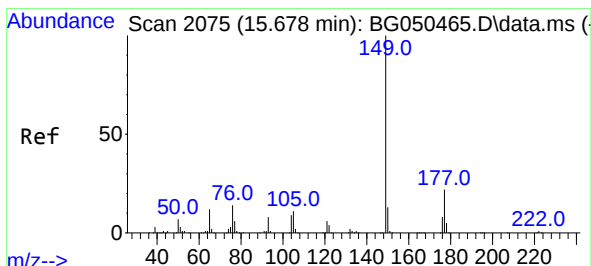
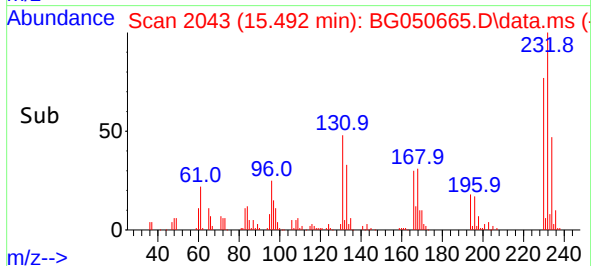
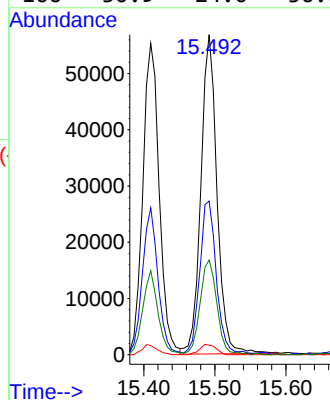
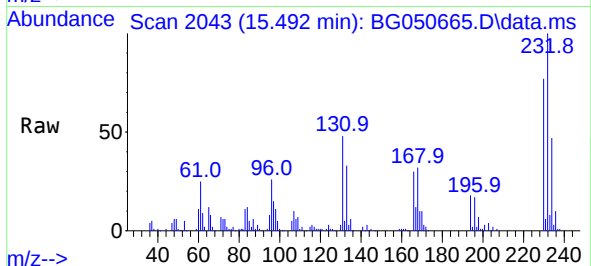
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.33 ng  
RT: 15.492 min Scan# 2043  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:232 Resp: 89696  
Ion Ratio Lower Upper  
232 100  
131 48.8 37.2 55.8  
130 3.2 2.8 4.2  
166 30.9 24.0 36.0

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

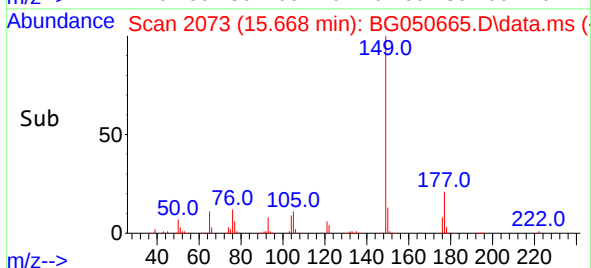
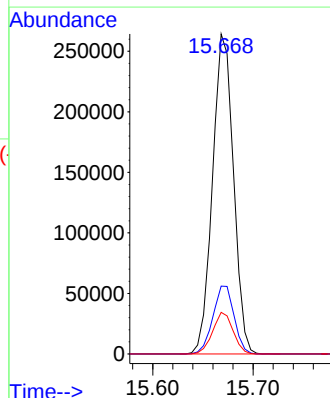
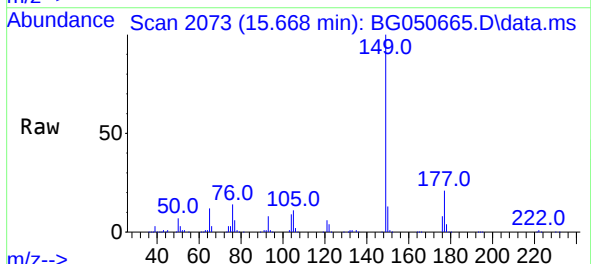
Manual Integrations  
APPROVED

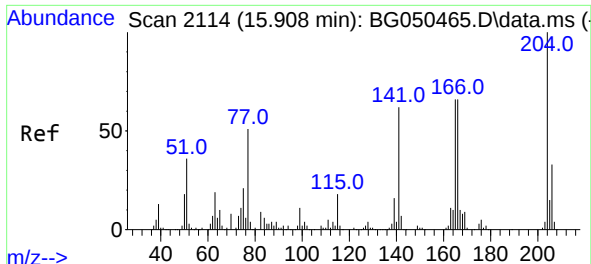
mohammad  
10/22/2021 2:54:11 PM



#60  
Diethylphthalate  
Concen: 42.11 ng  
RT: 15.668 min Scan# 2073  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:149 Resp: 383002  
Ion Ratio Lower Upper  
149 100  
177 21.2 19.0 28.6  
150 13.0 10.2 15.4





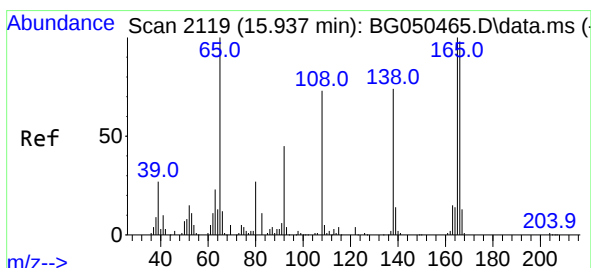
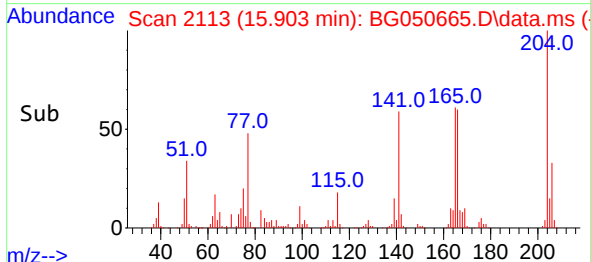
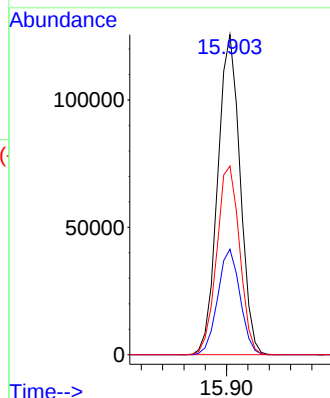
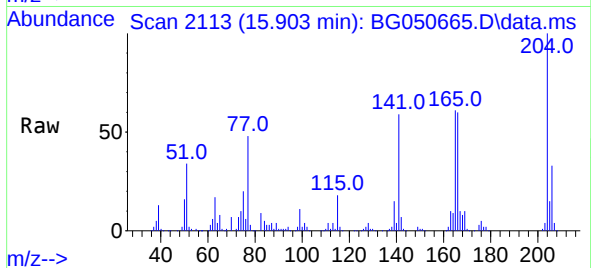
#61  
4-Chlorophenyl-phenylether  
Concen: 41.66 ng  
RT: 15.903 min Scan# 2113  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

Tgt Ion:204 Resp: 182899  
Ion Ratio Lower Upper  
204 100  
206 32.9 24.6 37.0  
141 59.0 47.8 71.8

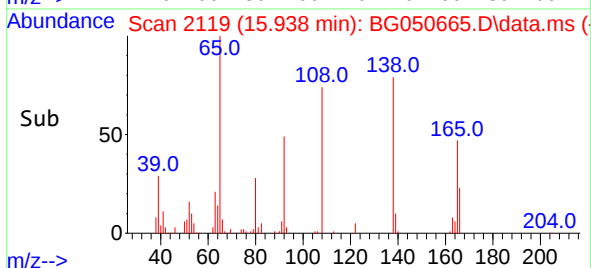
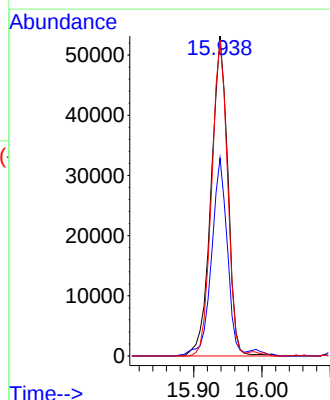
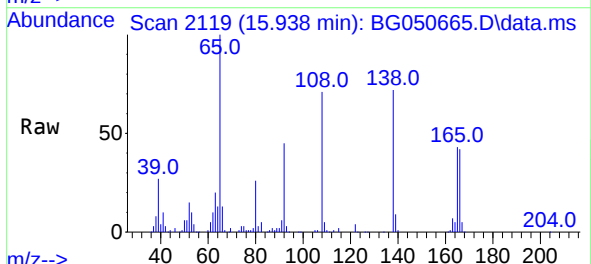
Manual Integrations  
APPROVED

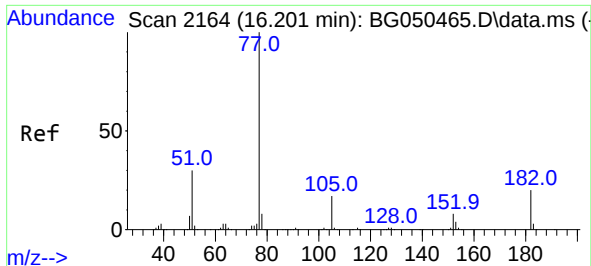
mohammad  
10/22/2021 2:54:11 PM



#62  
4-Nitroaniline  
Concen: 42.30 ng  
RT: 15.938 min Scan# 2119  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:138 Resp: 90259  
Ion Ratio Lower Upper  
138 100  
92 61.8 32.3 72.3  
108 98.6 132.4 172.4#





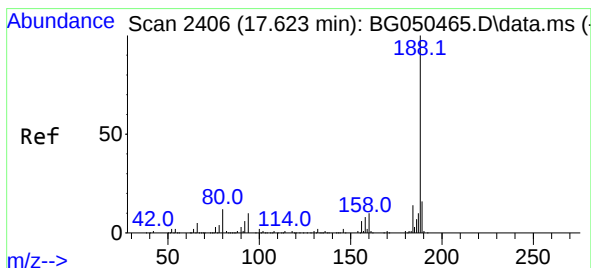
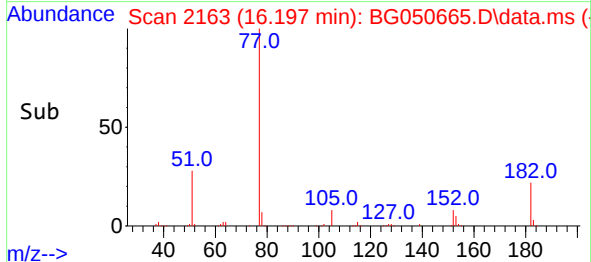
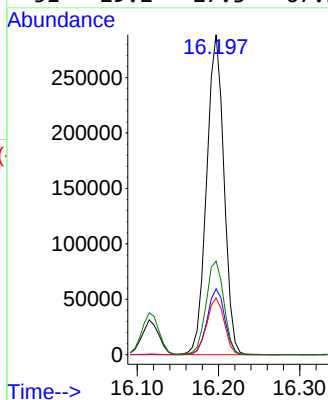
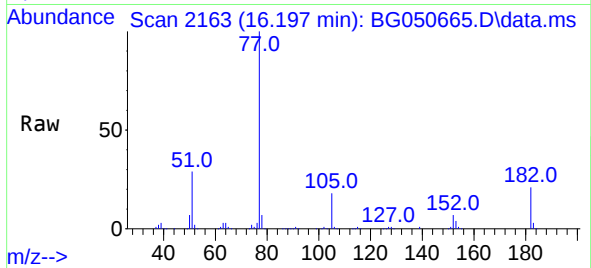
#63  
Azobenzene  
Concen: 40.49 ng  
RT: 16.197 min Scan# 2163  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 426317 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 20.6    | 7.9 47.9     |
| 105 17.8    | 0.0 37.9     |
| 51 29.2     | 27.3 67.3    |

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

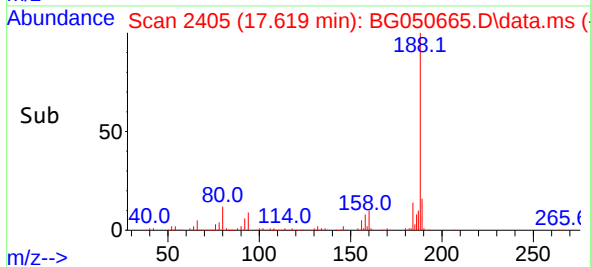
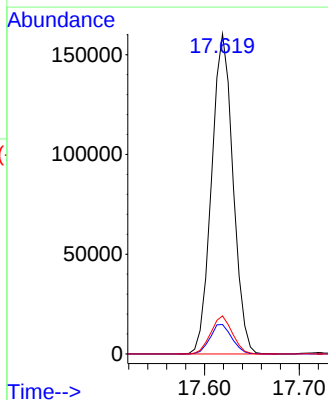
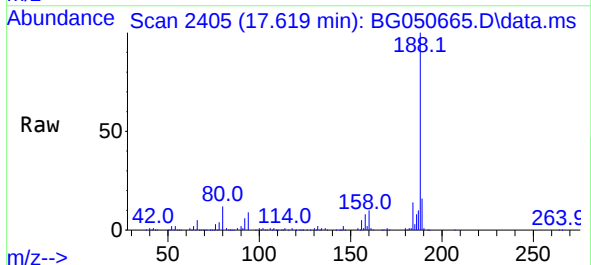
Manual Integrations  
APPROVED

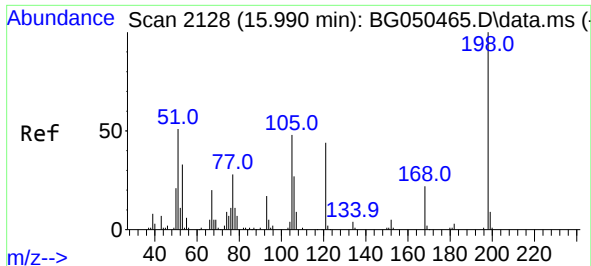
mohammad  
10/22/2021 2:54:11 PM



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.619 min Scan# 2405  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 251767 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.2      | 5.4 8.0#     |
| 80 11.9     | 3.7 5.5#     |





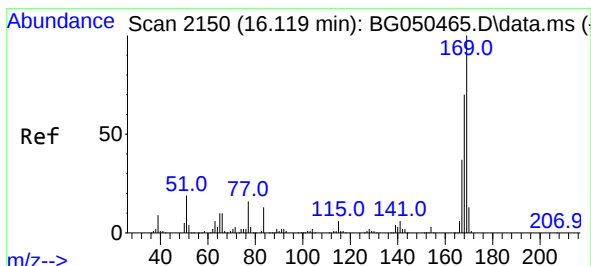
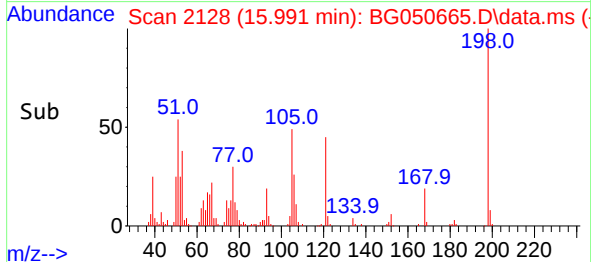
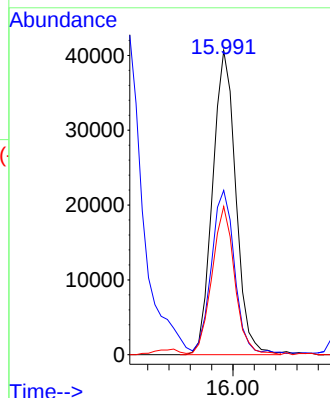
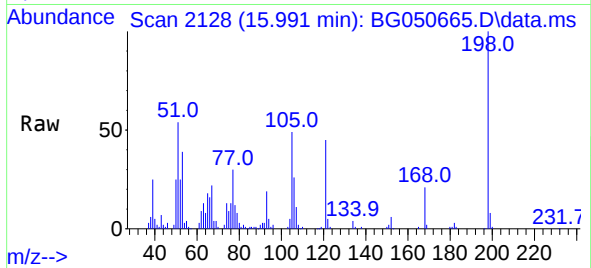
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.51 ng  
RT: 15.991 min Scan# 2128  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 54.0  | 29.4  | 69.4  |
| 105     | 48.7  | 15.1  | 55.1  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

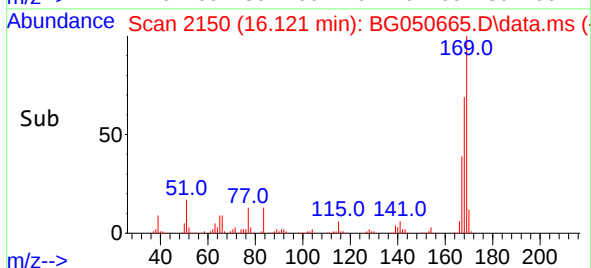
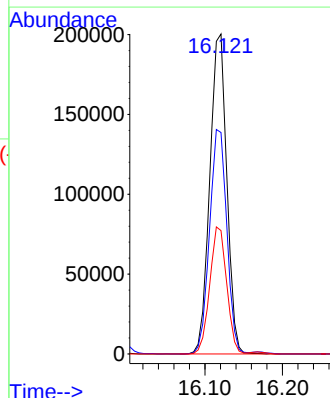
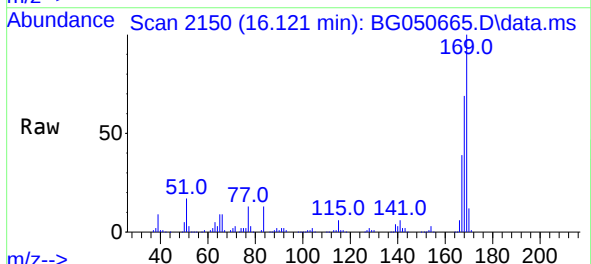
Manual Integrations  
APPROVED

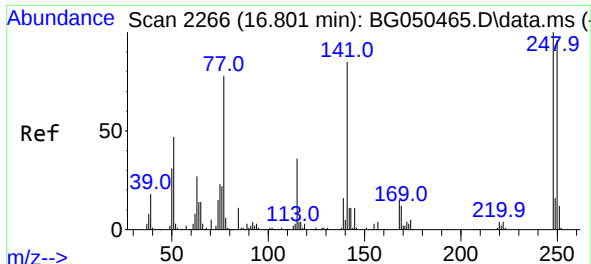
mohammad  
10/22/2021 2:54:11 PM



#66  
n-Nitrosodiphenylamine  
Concen: 42.65 ng  
RT: 16.121 min Scan# 2150  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

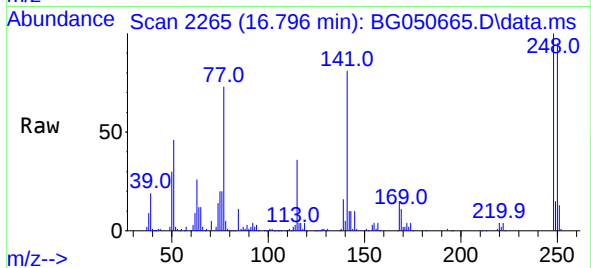
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.2  | 56.3  | 84.5  |
| 167     | 38.5  | 28.4  | 42.6  |





#67  
4-Bromophenyl-phenylether  
Concen: 42.97 ng  
RT: 16.796 min Scan# 2265  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

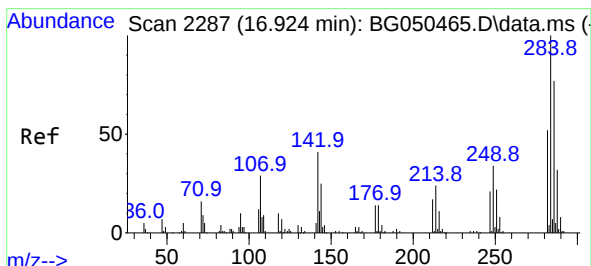
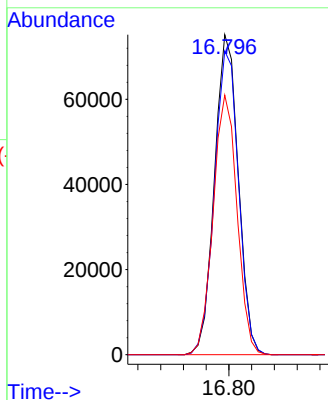
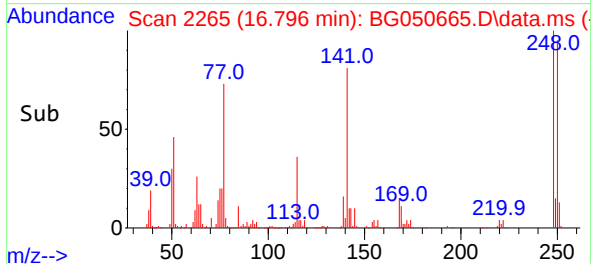
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



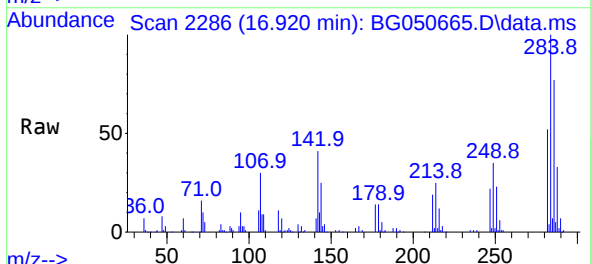
Tgt Ion:248 Resp: 109027  
Ion Ratio Lower Upper  
248 100  
250 94.9 76.1 114.1  
141 81.1 65.4 98.2

Manual Integrations  
APPROVED

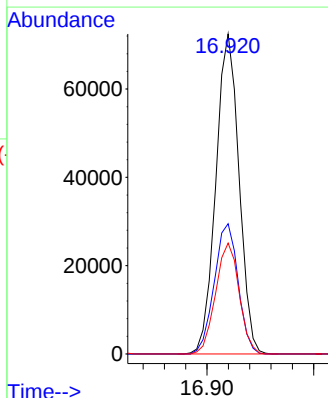
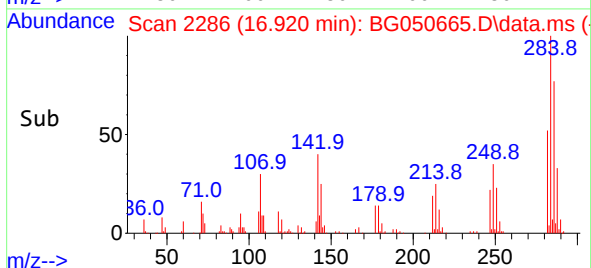
mohammad  
10/22/2021 2:54:11 PM

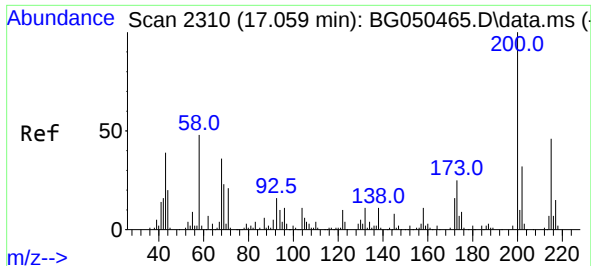


#68  
Hexachlorobenzene  
Concen: 43.24 ng  
RT: 16.920 min Scan# 2286  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



Tgt Ion:284 Resp: 109039  
Ion Ratio Lower Upper  
284 100  
142 40.7 27.0 40.6#  
249 34.7 28.2 42.2





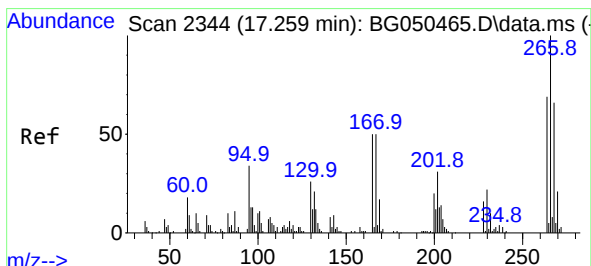
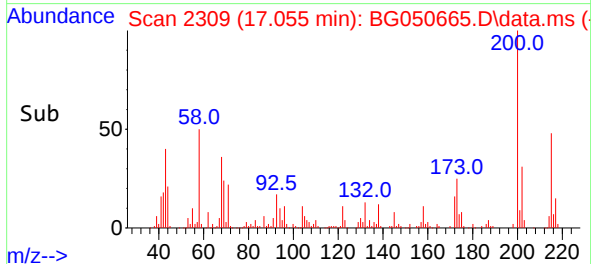
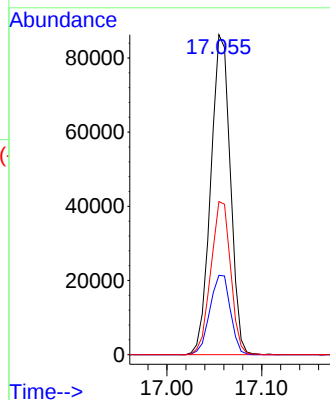
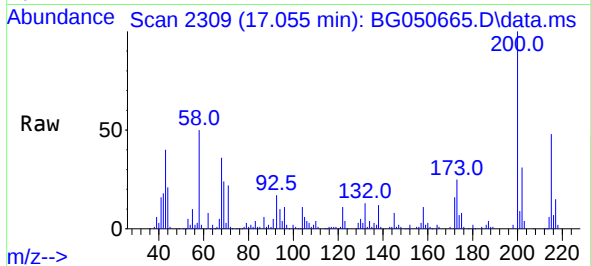
#69  
Atrazine  
Concen: 44.03 ng  
RT: 17.055 min Scan# 2309  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:200 Resp: 124081  
Ion Ratio Lower Upper  
200 100  
173 24.8 3.7 43.7  
215 47.8 26.9 66.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

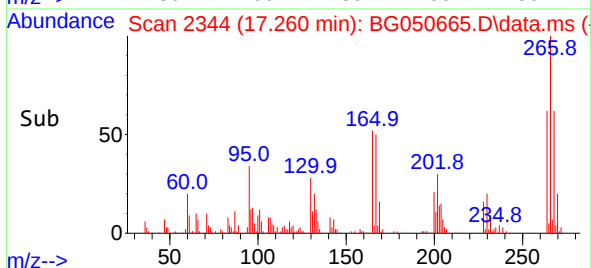
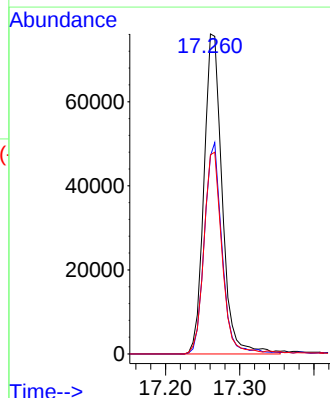
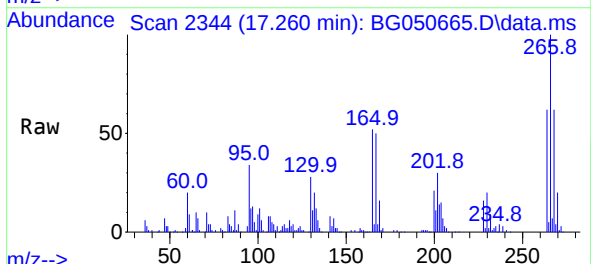
Manual Integrations  
APPROVED

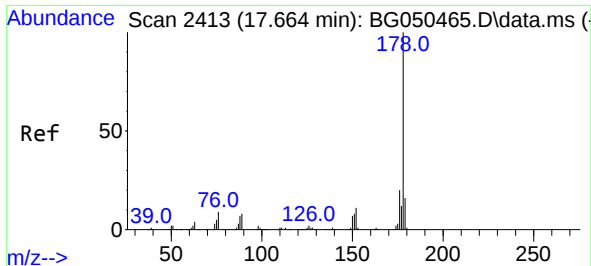
mohammad  
10/22/2021 2:54:11 PM



#70  
Pentachlorophenol  
Concen: 75.72 ng  
RT: 17.260 min Scan# 2344  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:266 Resp: 129972  
Ion Ratio Lower Upper  
266 100  
268 61.8 49.0 73.4  
264 62.2 49.0 73.6





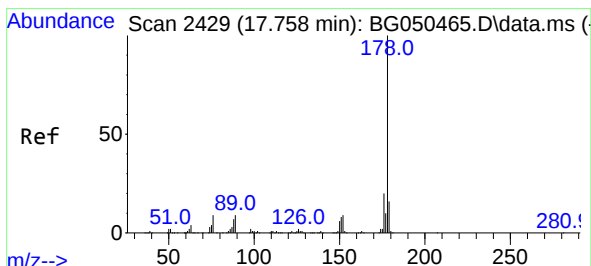
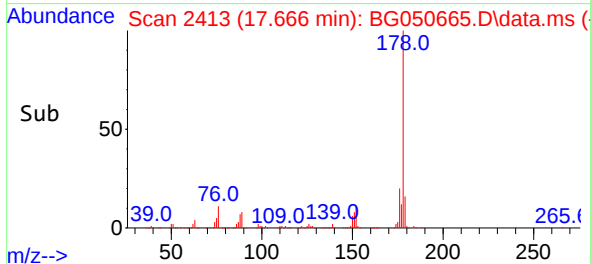
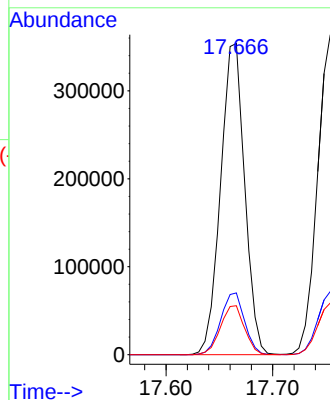
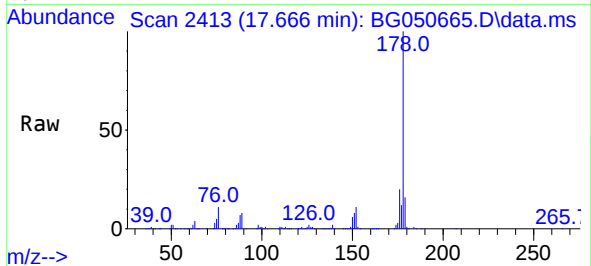
#71  
Phenanthrene  
Concen: 41.90 ng  
RT: 17.666 min Scan# 2413  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:178 Resp: 555908  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.0 24.0  
179 15.8 14.2 21.4

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

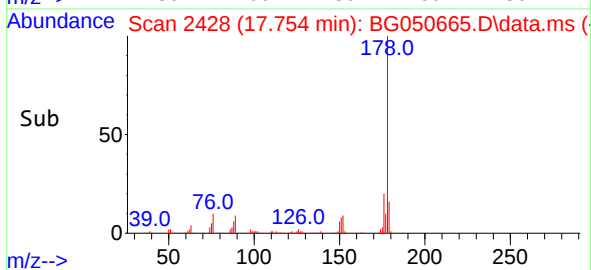
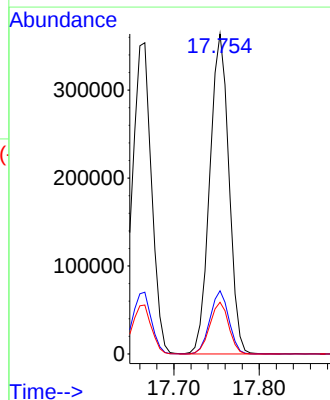
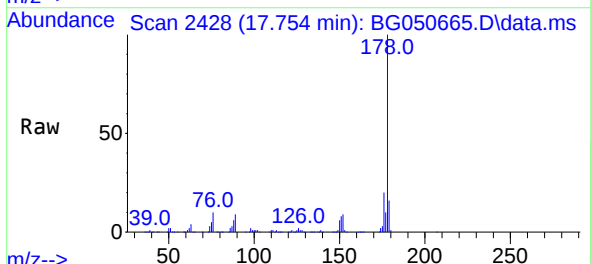
Manual Integrations  
APPROVED

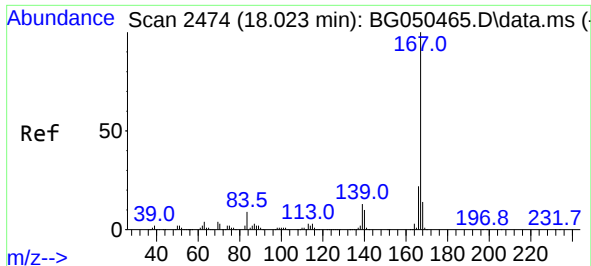
mohammad  
10/22/2021 2:54:11 PM



#72  
Anthracene  
Concen: 43.00 ng  
RT: 17.754 min Scan# 2428  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

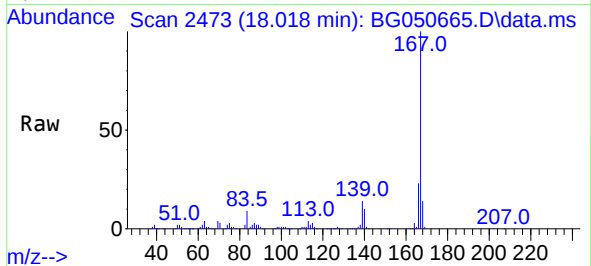
Tgt Ion:178 Resp: 566841  
Ion Ratio Lower Upper  
178 100  
176 19.7 14.6 21.8  
179 16.1 13.4 20.0





#73  
Carbazole  
Concen: 39.98 ng  
RT: 18.018 min Scan# 2473  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

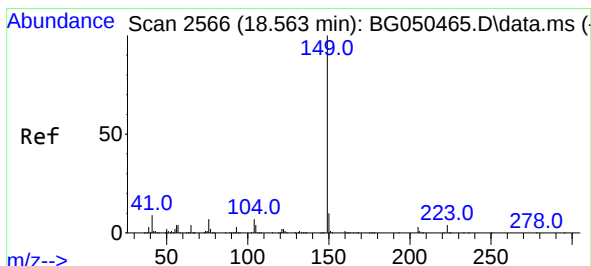
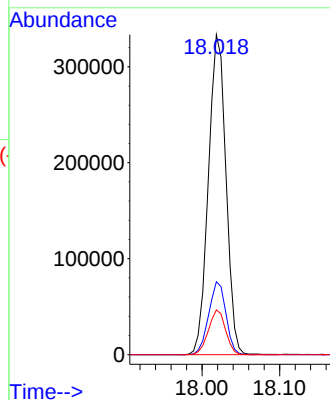
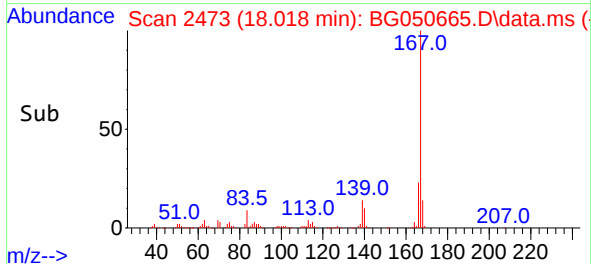
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



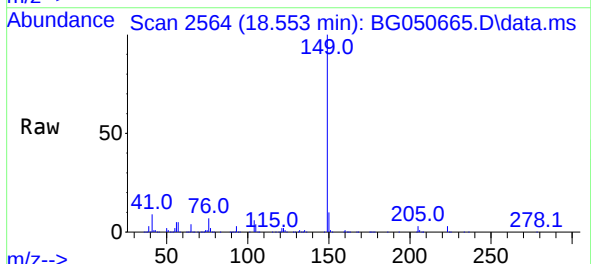
Tgt Ion:167 Resp: 525285  
Ion Ratio Lower Upper  
167 100  
166 22.8 17.4 26.2  
139 14.0 10.7 16.1

Manual Integrations  
APPROVED

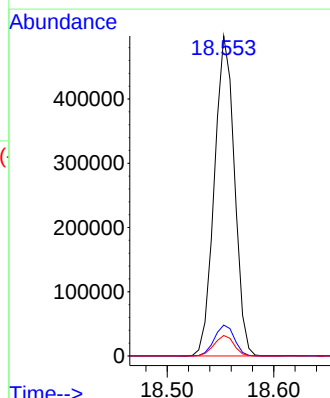
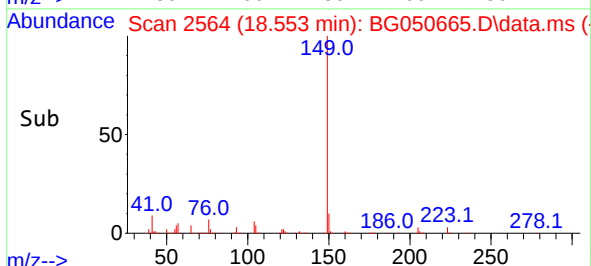
mohammad  
10/22/2021 2:54:11 PM

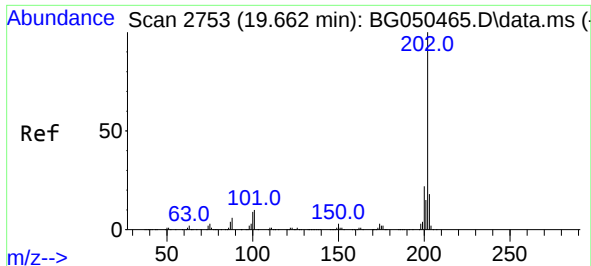


#74  
Di-n-butylphthalate  
Concen: 42.23 ng  
RT: 18.553 min Scan# 2564  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



Tgt Ion:149 Resp: 651228  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.5 11.3  
104 6.4 6.6 10.0#





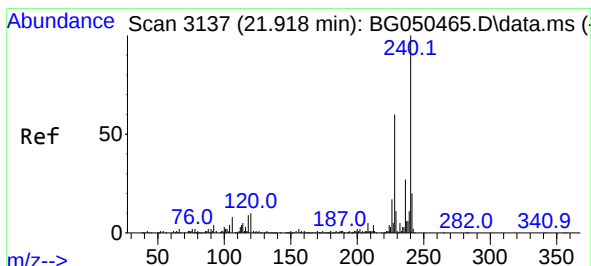
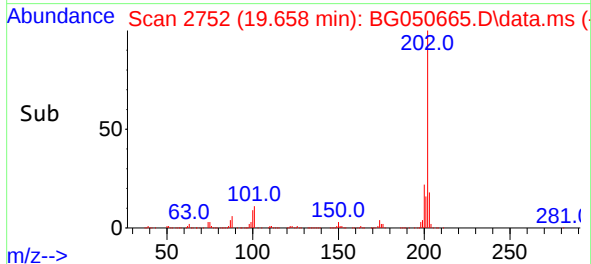
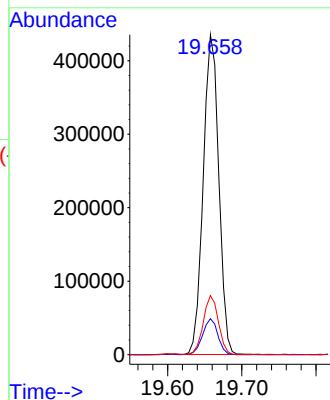
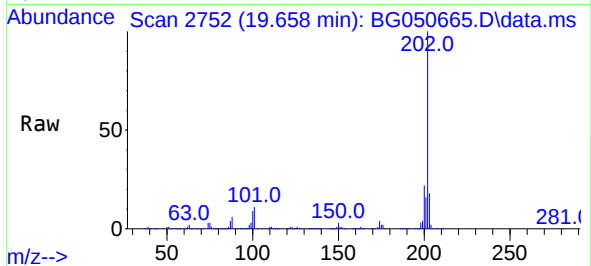
#75  
Fluoranthene  
Concen: 38.92 ng  
RT: 19.658 min Scan# 2752  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:202 Resp: 634677  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 24.7  
203 18.5 0.0 38.5

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

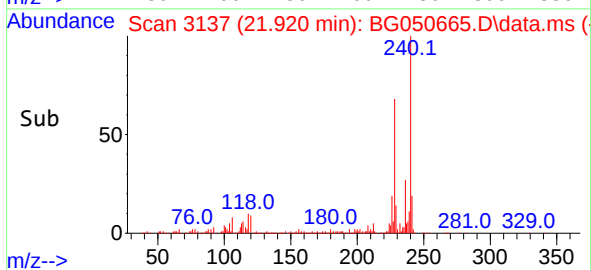
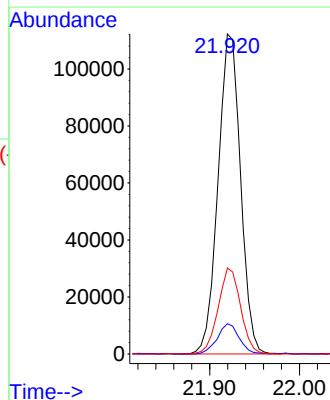
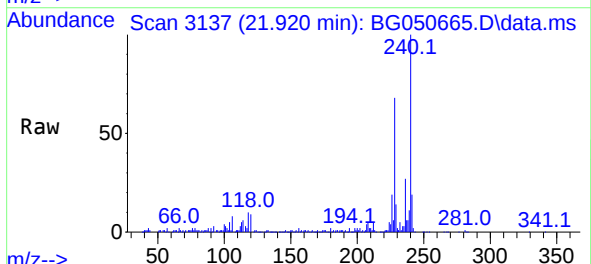
Manual Integrations  
APPROVED

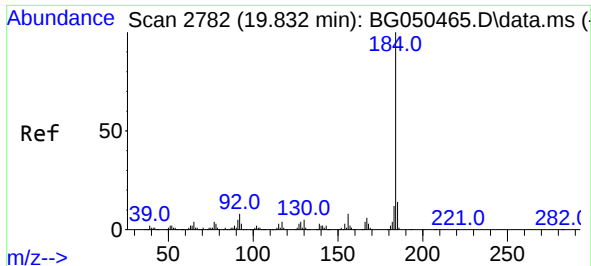
mohammad  
10/22/2021 2:54:11 PM



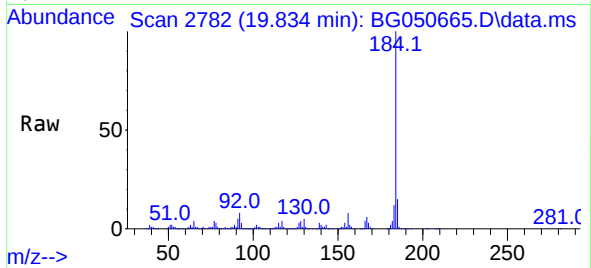
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.920 min Scan# 3137  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:240 Resp: 195124  
Ion Ratio Lower Upper  
240 100  
120 9.5 4.2 6.2#  
236 26.9 21.8 32.6

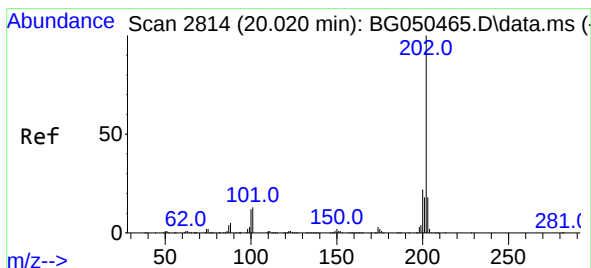
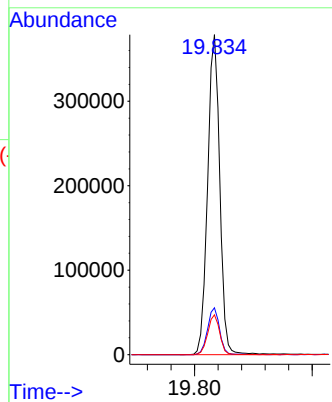
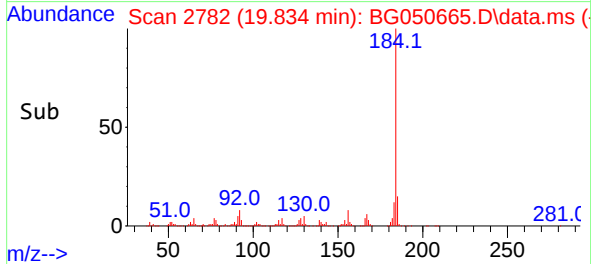




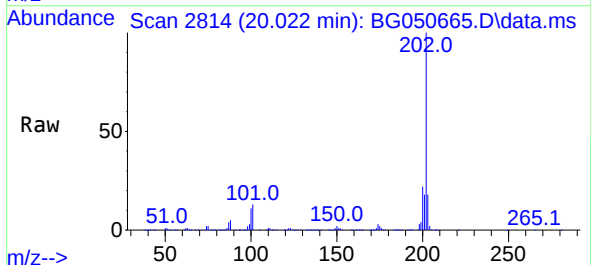
#77  
Benzidine  
Concen: 85.82 ng  
RT: 19.834 min Scan# 2782  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



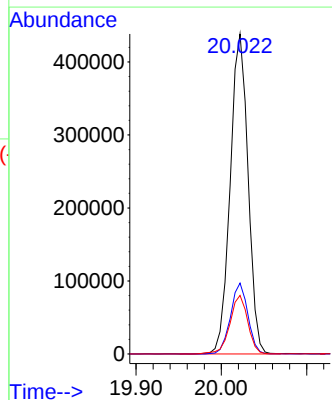
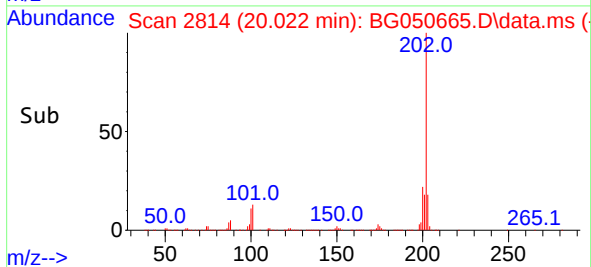
Tgt Ion:184 Resp: 542766  
Ion Ratio Lower Upper  
184 100  
185 14.7 10.7 16.1  
183 12.5 9.4 14.0



#78  
Pyrene  
Concen: 45.96 ng  
RT: 20.022 min Scan# 2814  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



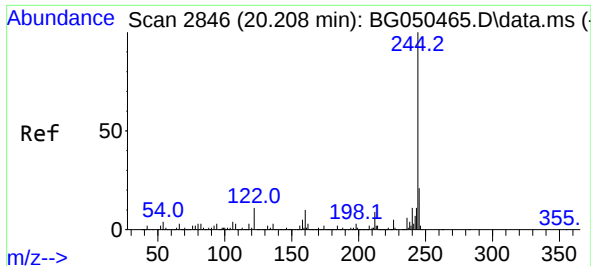
Tgt Ion:202 Resp: 636274  
Ion Ratio Lower Upper  
202 100  
200 22.2 15.8 23.8  
203 18.3 14.6 21.8



Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



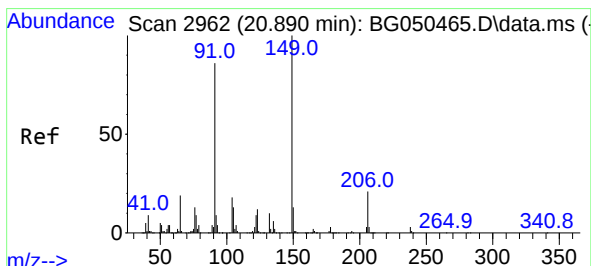
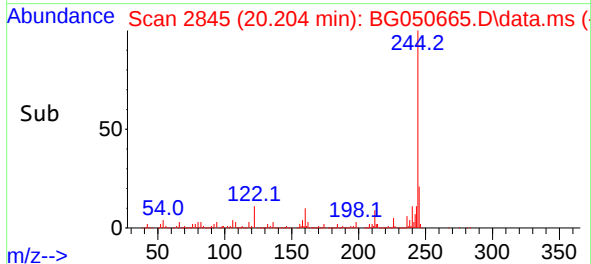
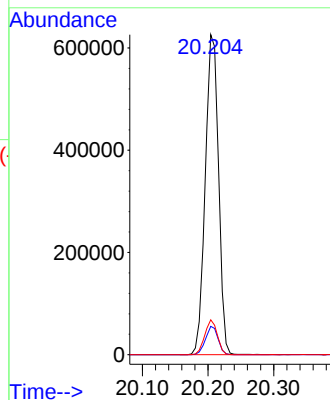
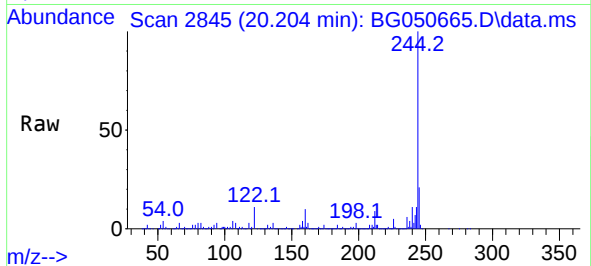
#79  
Terphenyl-d14  
Concen: 88.01 ng  
RT: 20.204 min Scan# 2845  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:244 Resp: 881214  
Ion Ratio Lower Upper  
244 100  
212 8.9 6.9 10.3  
122 10.9 5.0 7.6#

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

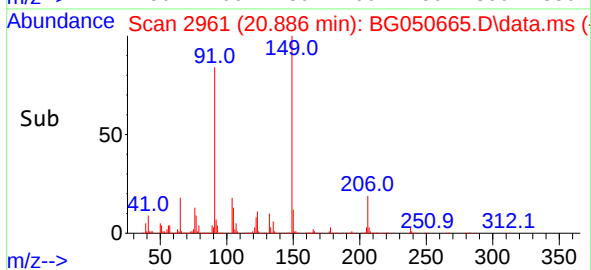
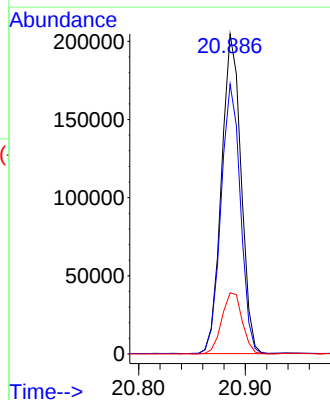
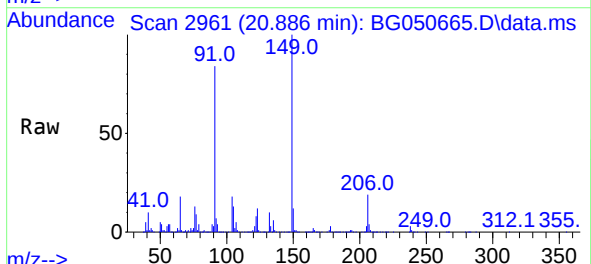
Manual Integrations  
APPROVED

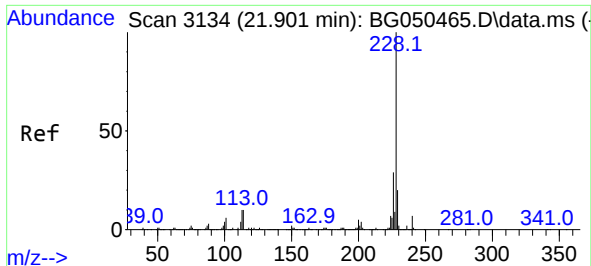
mohammad  
10/22/2021 2:54:11 PM



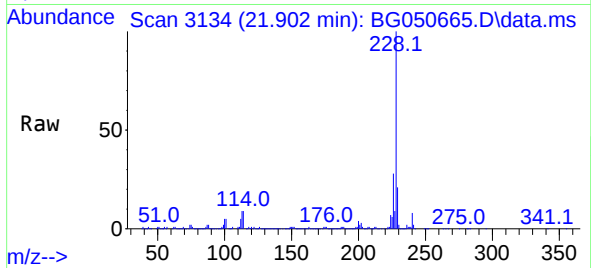
#80  
Butylbenzylphthalate  
Concen: 44.43 ng  
RT: 20.886 min Scan# 2961  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:149 Resp: 260180  
Ion Ratio Lower Upper  
149 100  
91 84.3 63.4 95.2  
206 19.1 18.4 27.6

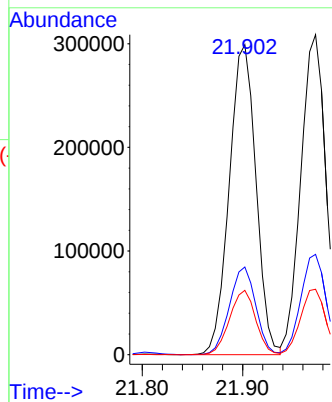
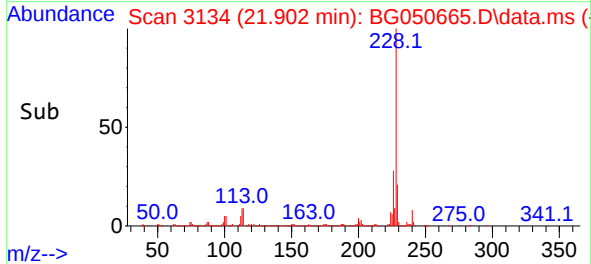




#81  
Benzo(a)anthracene  
Concen: 42.86 ng  
RT: 21.902 min Scan# 3134  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



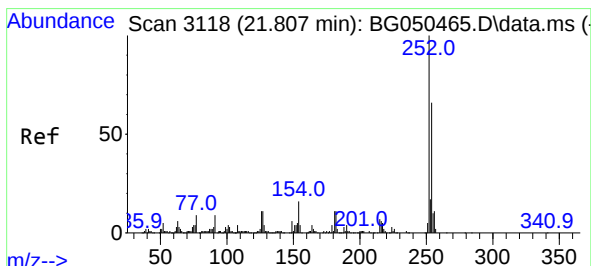
Tgt Ion:228 Resp: 553393  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.7 34.1  
229 20.8 16.0 24.0



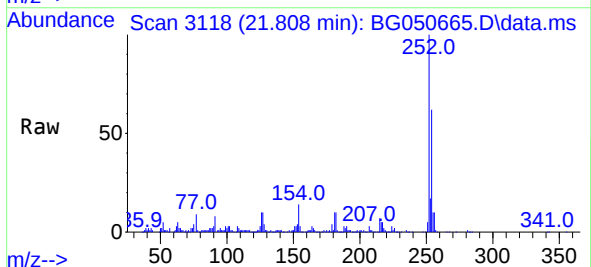
Instrument :  
BNA\_G  
ClientSampled :  
PB140074BSD

Manual Integrations  
APPROVED

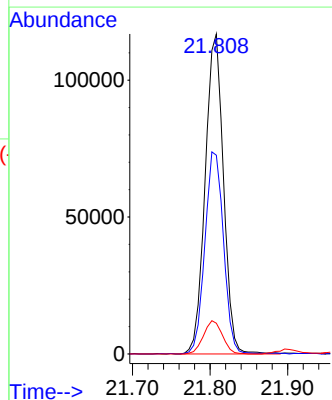
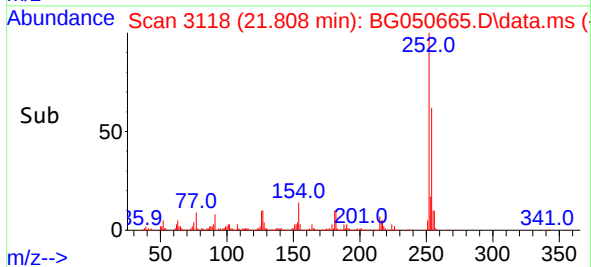
mohammad  
10/22/2021 2:54:11 PM

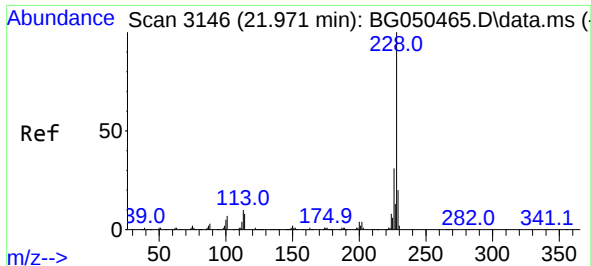


#82  
3,3'-Dichlorobenzidine  
Concen: 44.75 ng  
RT: 21.808 min Scan# 3118  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

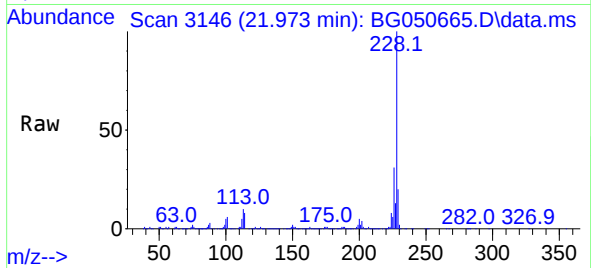


Tgt Ion:252 Resp: 191492  
Ion Ratio Lower Upper  
252 100  
254 62.1 52.4 78.6  
126 9.6 5.9 8.9#

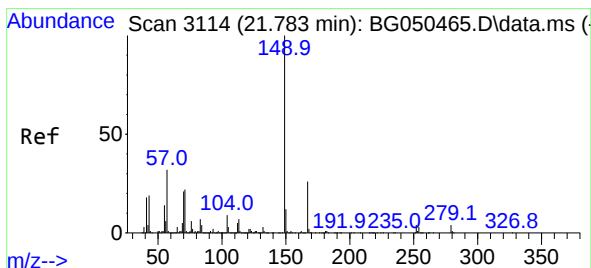
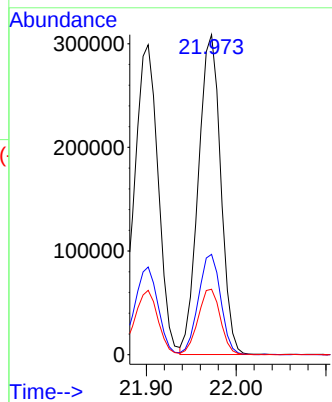
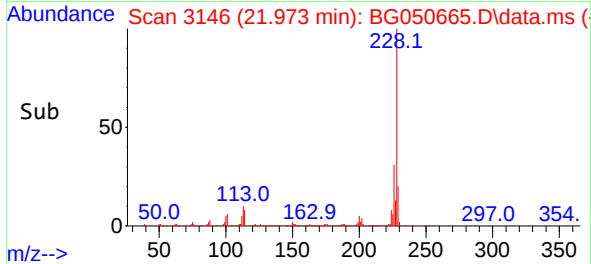




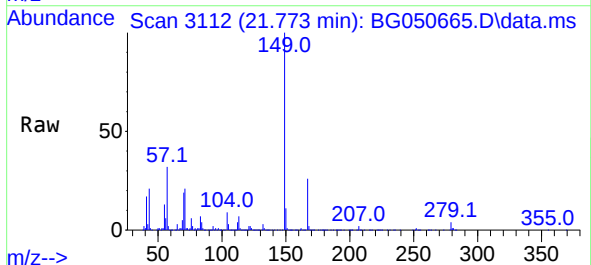
#83  
Chrysene  
Concen: 43.83 ng  
RT: 21.973 min Scan# 3146  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



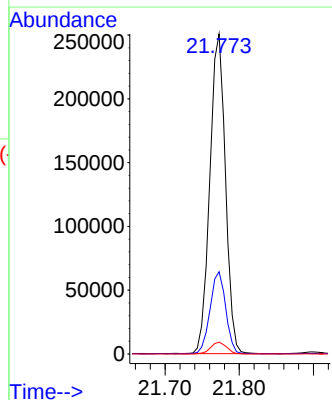
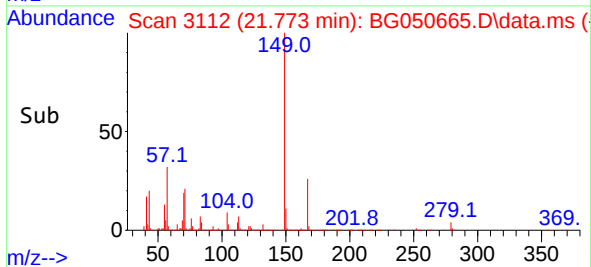
Tgt Ion:228 Resp: 532322  
Ion Ratio Lower Upper  
228 100  
226 31.4 23.1 34.7  
229 20.4 15.3 22.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.97 ng  
RT: 21.773 min Scan# 3112  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



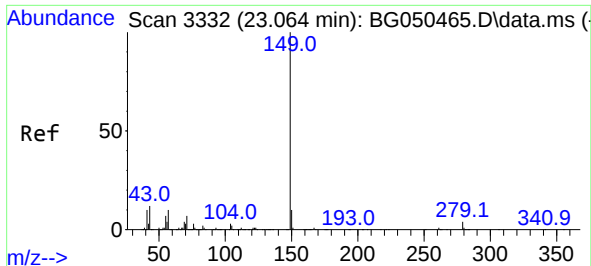
Tgt Ion:149 Resp: 365820  
Ion Ratio Lower Upper  
149 100  
167 25.7 22.3 33.5  
279 3.7 3.8 5.8#



Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

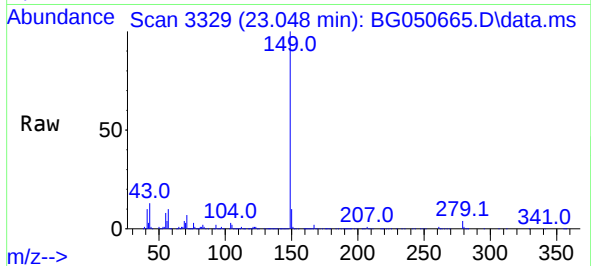
Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



#85  
Di-n-octyl phthalate  
Concen: 44.79 ng  
RT: 23.048 min Scan# 3329  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

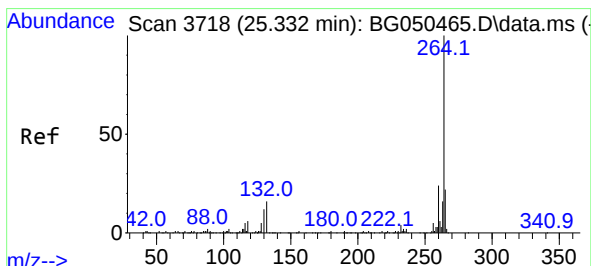
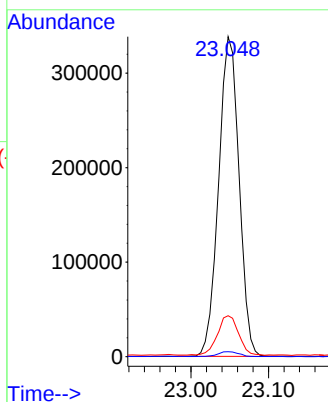
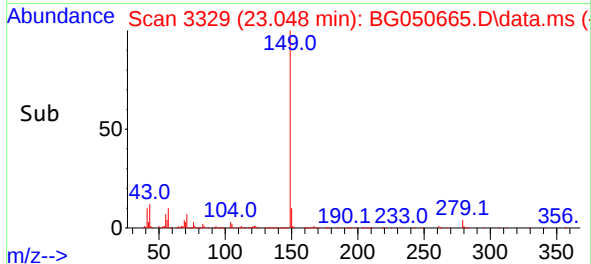
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



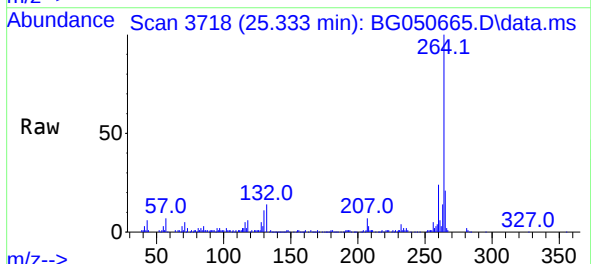
Tgt Ion:149 Resp: 621615  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.2  
43 12.6 8.6 12.8

Manual Integrations  
APPROVED

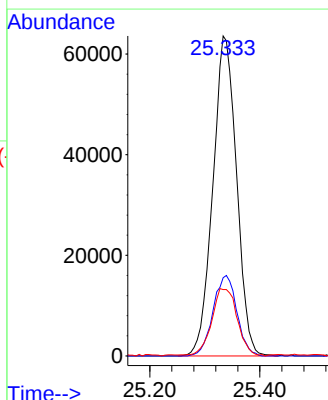
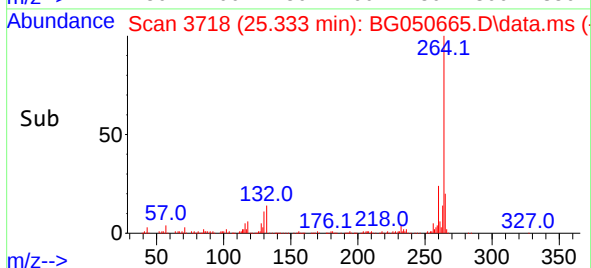
mohammad  
10/22/2021 2:54:11 PM

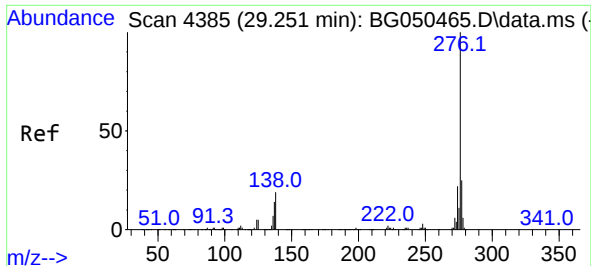


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.333 min Scan# 3718  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



Tgt Ion:264 Resp: 189927  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.4 29.2  
265 20.7 16.9 25.3





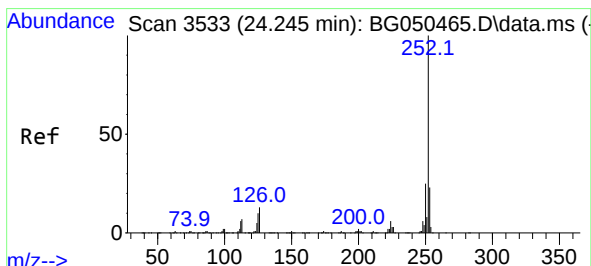
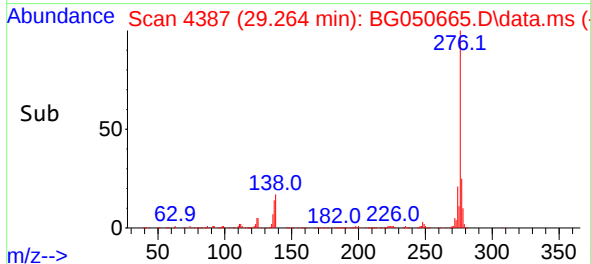
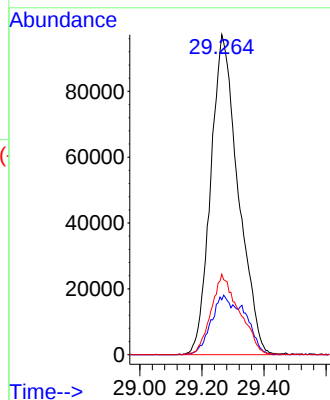
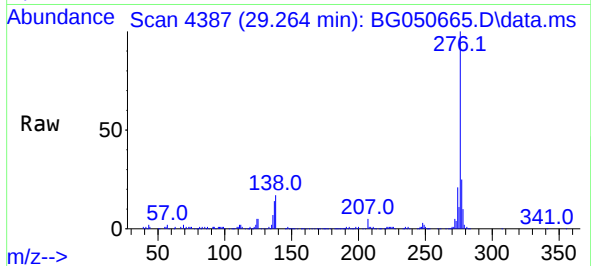
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.26 ng  
RT: 29.264 min Scan# 4387  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 276 Resp: 598698  
Ion Ratio Lower Upper  
276 100  
138 16.1 5.1 7.7#  
277 25.8 19.8 29.6

Instrument :  
BNA\_G  
ClientSampled :  
PB140074BSD

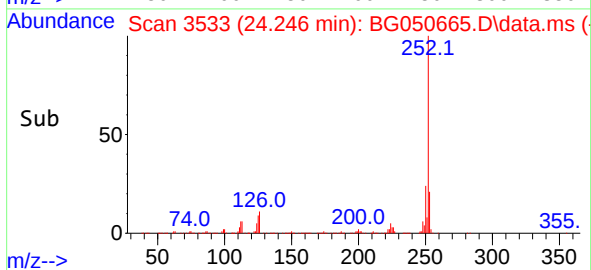
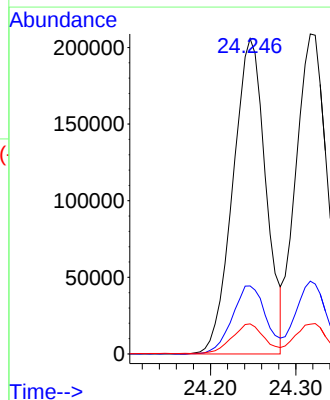
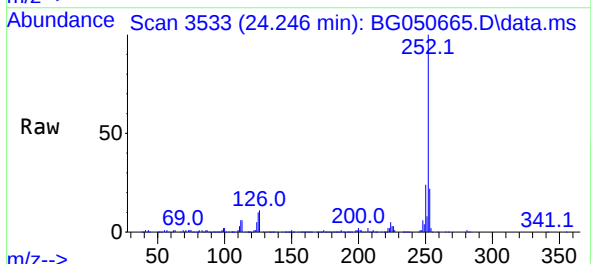
Manual Integrations  
APPROVED

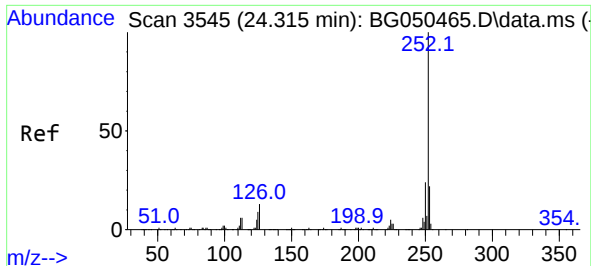
mohammad  
10/22/2021 2:54:11 PM



#88  
Benzo(b)fluoranthene  
Concen: 47.27 ng  
RT: 24.246 min Scan# 3533  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion: 252 Resp: 549802  
Ion Ratio Lower Upper  
252 100  
253 21.6 16.2 24.4  
125 9.5 3.0 4.4#





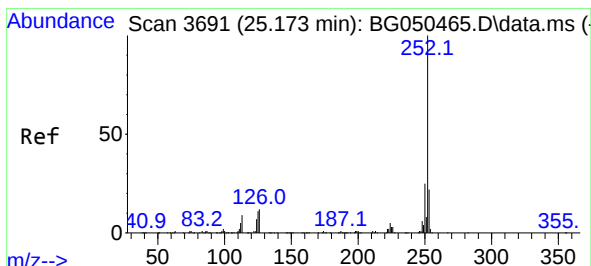
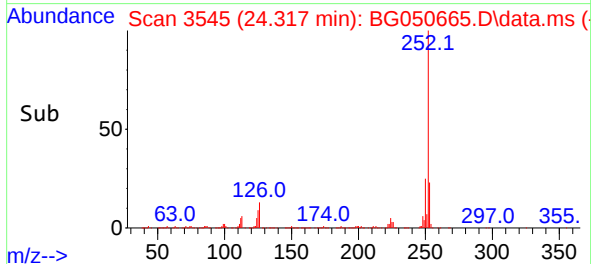
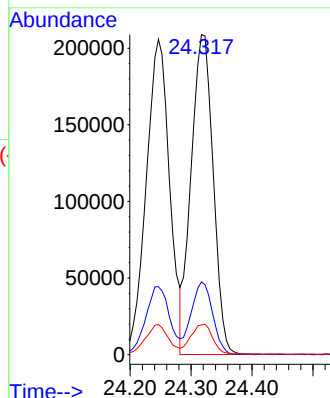
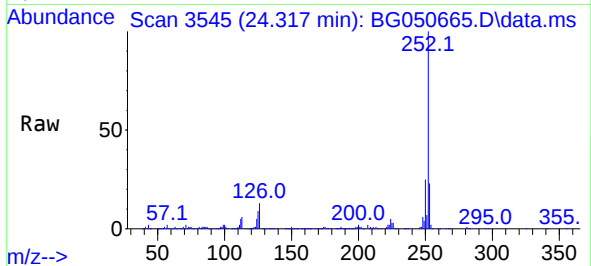
#89  
Benzo(k)fluoranthene  
Concen: 45.81 ng  
RT: 24.317 min Scan# 3545  
Delta R.T. 0.001 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

Tgt Ion:252 Resp: 524158  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.0 27.0  
125 9.3 3.1 4.7#

Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD

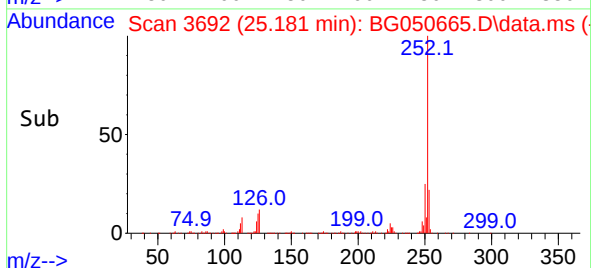
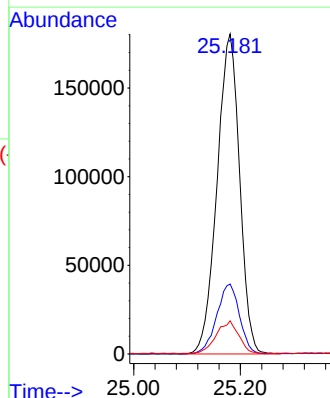
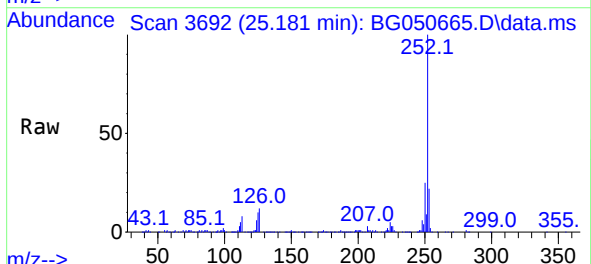
Manual Integrations  
APPROVED

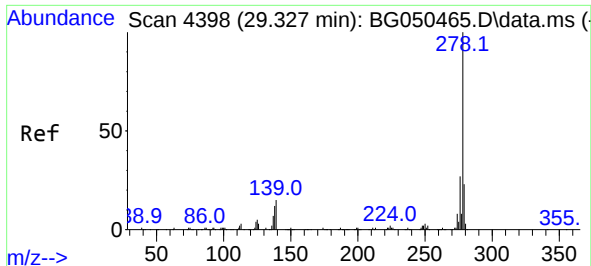
mohammad  
10/22/2021 2:54:11 PM



#90  
Benzo(a)pyrene  
Concen: 53.50 ng  
RT: 25.181 min Scan# 3692  
Delta R.T. 0.007 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

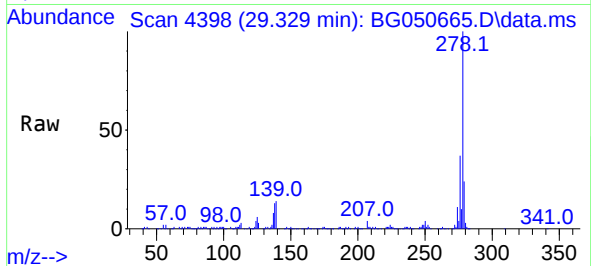
Tgt Ion:252 Resp: 529077  
Ion Ratio Lower Upper  
252 100  
253 21.9 16.6 25.0  
125 10.4 3.5 5.3#





#91  
Dibenzo(a,h)anthracene  
Concen: 46.48 ng  
RT: 29.329 min Scan# 4398  
Delta R.T. -0.005 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05

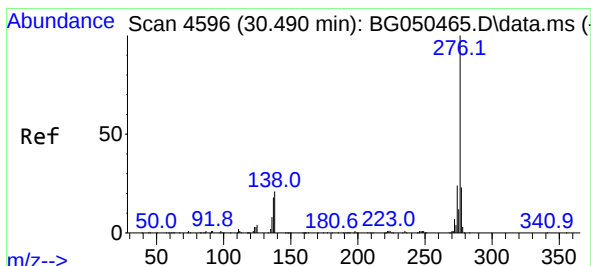
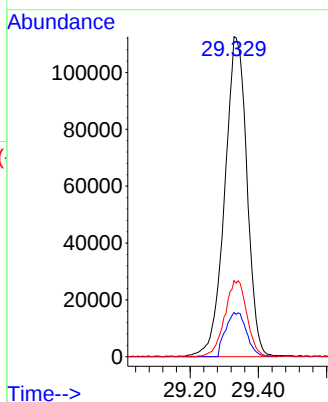
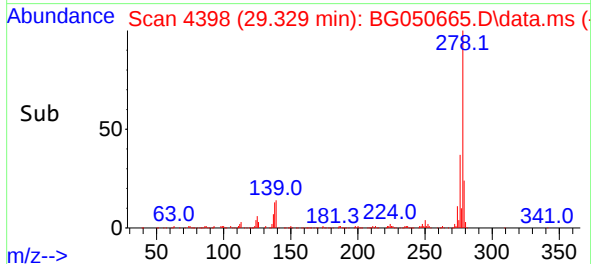
Instrument :  
BNA\_G  
ClientSampleId :  
PB140074BSD



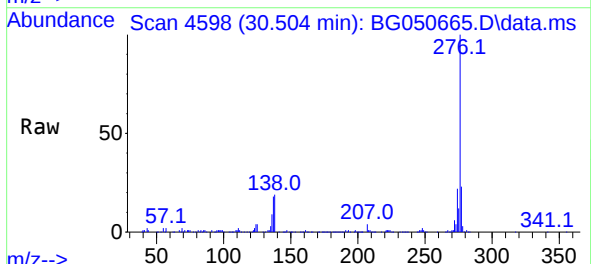
Tgt Ion:278 Resp: 508619  
Ion Ratio Lower Upper  
278 100  
139 13.8 4.6 6.8#  
279 23.8 17.9 26.9

Manual Integrations  
APPROVED

mohammad  
10/22/2021 2:54:11 PM



#92  
Benzo(g,h,i)perylene  
Concen: 46.05 ng  
RT: 30.504 min Scan# 4598  
Delta R.T. 0.007 min  
Lab File: BG050665.D  
Acq: 21 Oct 2021 13:05



Tgt Ion:276 Resp: 493519  
Ion Ratio Lower Upper  
276 100  
277 22.8 18.4 27.6  
138 19.0 7.0 10.6#

