

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070121\  
 Data File : BG049153.D  
 Acq On : 1 Jul 2021 14:37  
 Operator : CG/JU  
 Sample : M2895-03MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3MSD

Manual Integrations  
 APPROVED

mohammad  
 7/2/2021 12:01:30 PM

Quant Time: Jul 01 16:06:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 30 15:39:12 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.088  | 152  | 32825    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.914 | 136  | 130697   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.733 | 164  | 95507    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.483 | 188  | 214610   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.772 | 240  | 219744   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.080 | 264  | 239646   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.644  | 112  | 212909   | 101.592 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.248  | 99   | 286834   | 95.998  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.257  | 82   | 199733   | 64.792  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.225 | 330  | 167951   | 101.441 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.358 | 172  | 441978   | 62.435  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.091 | 244  | 776192   | 59.855  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.511  | 88   | 33391    | 36.291  | ng    | # 78     |
| 3) Pyridine                   | 3.916  | 79   | 81913    | 32.926  | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.834  | 42   | 64116    | 45.377  | ng    | # 76     |
| 6) Aniline                    | 7.412  | 93   | 134764   | 37.046  | ng    | 92       |
| 8) 2-Chlorophenol             | 7.653  | 128  | 108167   | 47.042  | ng    | 93       |
| 9) Benzaldehyde               | 7.224  | 77   | 76427    | 48.630  | ng    | # 86     |
| 10) Phenol                    | 7.271  | 94   | 142986   | 47.638  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.500  | 93   | 96659    | 44.150  | ng    | # 82     |
| 12) 1,3-Dichlorobenzene       | 7.976  | 146  | 113834   | 44.263  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.123  | 146  | 115618   | 44.707  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.446  | 146  | 109514   | 43.986  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.329  | 79   | 120343   | 45.739  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.617  | 45   | 163769   | 44.064  | ng    | 86       |
| 17) 2-Methylphenol            | 8.529  | 107  | 94925    | 46.933  | ng    | 95       |
| 18) Hexachloroethane          | 9.181  | 117  | 46689    | 45.211  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.899  | 70   | 93460    | 43.524  | ng    | # 97     |
| 20) 3+4-Methylphenols         | 8.863  | 107  | 132359   | 47.204  | ng    | 98       |
| 22) Acetophenone              | 8.916  | 105  | 175868   | 45.110  | ng    | # 98     |
| 24) Nitrobenzene              | 9.304  | 77   | 145626   | 43.599  | ng    | 97       |
| 25) Isophorone                | 9.827  | 82   | 243551   | 41.131  | ng    | 95       |
| 26) 2-Nitrophenol             | 10.015 | 139  | 61131    | 45.971  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 10.074 | 122  | 101495   | 50.872  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.309 | 93   | 134420   | 48.141  | ng    | 93       |
| 29) 2,4-Dichlorophenol        | 10.556 | 162  | 113707   | 47.524  | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.773 | 180  | 124192   | 44.076  | ng    | 96       |
| 31) Naphthalene               | 10.961 | 128  | 327112   | 42.987  | ng    | 97       |
| 32) Benzoic acid              | 10.221 | 122  | 67030    | 42.436  | ng    | # 76     |
| 33) 4-Chloroaniline           | 11.067 | 127  | 74994    | 23.834  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.249 | 225  | 89929    | 43.198  | ng    | 97       |
| 35) Caprolactam               | 11.848 | 113  | 38529m   | 50.738  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.189 | 107  | 129907   | 47.186  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.565 | 142  | 249016   | 43.455  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.782 | 142  | 232863   | 42.909  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.929 | 216  | 148139   | 44.460  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.912 | 237  | 215836   | 109.359 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.170 | 196  | 108812   | 47.293  | ng    | 89       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070121\  
 Data File : BG049153.D  
 Acq On : 1 Jul 2021 14:37  
 Operator : CG/JU  
 Sample : M2895-03MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3MSD

Manual Integrations  
 APPROVED

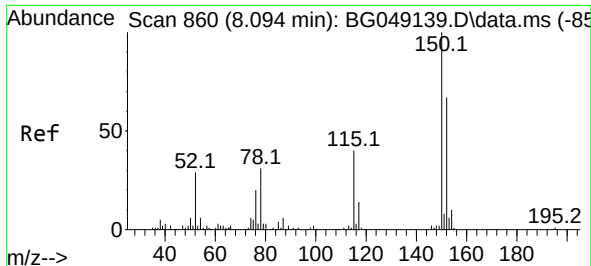
mohammad  
 7/2/2021 12:01:30 PM

Quant Time: Jul 01 16:06:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 30 15:39:12 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.241 | 196  | 117542   | 46.716  | ng    | 91       |
| 46) 1,1'-Biphenyl             | 13.570 | 154  | 327019   | 45.834  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.611 | 162  | 257940   | 43.935  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.811 | 65   | 101954   | 47.625  | ng    | 97       |
| 49) Acenaphthylene            | 14.457 | 152  | 418246   | 45.186  | ng    | 95       |
| 50) Dimethylphthalate         | 14.187 | 163  | 415627   | 54.225  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.304 | 165  | 77849    | 44.305  | ng    | 96       |
| 52) Acenaphthene              | 14.798 | 154  | 249120   | 43.184  | ng    | 94       |
| 53) 3-Nitroaniline            | 14.633 | 138  | 48540    | 28.759  | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.839 | 184  | 104998   | 86.569  | ng    | 94       |
| 55) Dibenzofuran              | 15.133 | 168  | 410884   | 43.752  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.945 | 139  | 130928   | 95.191  | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 15.091 | 165  | 114284   | 45.788  | ng    | 93       |
| 58) Fluorene                  | 15.785 | 166  | 345639   | 44.500  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.356 | 232  | 112416   | 47.997  | ng    | 96       |
| 60) Diethylphthalate          | 15.544 | 149  | 375384   | 46.219  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.773 | 204  | 192204   | 44.708  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.802 | 138  | 79665    | 45.436  | ng #  | 87       |
| 63) Azobenzene                | 16.067 | 77   | 362096   | 44.222  | ng    | 88       |
| 65) 4,6-Dinitro-2-methylph... | 15.855 | 198  | 69903    | 45.598  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.985 | 169  | 306592   | 45.678  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.666 | 248  | 133082   | 45.965  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.789 | 284  | 145919   | 45.588  | ng    | 96       |
| 69) Atrazine                  | 16.936 | 200  | 130715   | 58.642  | ng    | 98       |
| 70) Pentachlorophenol         | 17.136 | 266  | 186611   | 100.159 | ng    | 98       |
| 71) Phenanthrene              | 17.530 | 178  | 560456   | 45.351  | ng    | 98       |
| 72) Anthracene                | 17.618 | 178  | 573654   | 46.564  | ng    | 98       |
| 73) Carbazole                 | 17.888 | 167  | 522722   | 44.503  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.440 | 149  | 637653   | 47.217  | ng    | 98       |
| 75) Fluoranthene              | 19.533 | 202  | 704474   | 45.534  | ng    | 99       |
| 77) Benzidine                 | 19.710 | 184  | 343023   | 72.674  | ng    | 100      |
| 78) Pyrene                    | 19.898 | 202  | 699173   | 42.838  | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.779 | 149  | 284385   | 45.991  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.748 | 228  | 713915   | 43.557  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.660 | 252  | 178086   | 31.939  | ng    | 96       |
| 83) Chrysene                  | 21.819 | 228  | 689647   | 44.291  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.648 | 149  | 408122   | 46.729  | ng    | 95       |
| 85) Di-n-octyl phthalate      | 22.894 | 149  | 704084   | 47.899  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.881 | 276  | 885967   | 46.332  | ng #  | 97       |
| 88) Benzo(b)fluoranthene      | 24.034 | 252  | 772036   | 44.643  | ng #  | 95       |
| 89) Benzo(k)fluoranthene      | 24.099 | 252  | 739214   | 44.806  | ng #  | 99       |
| 90) Benzo(a)pyrene            | 24.927 | 252  | 750361   | 47.036  | ng #  | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.946 | 278  | 737980   | 45.723  | ng #  | 97       |
| 92) Benzo(g,h,i)perylene      | 30.068 | 276  | 736024   | 46.262  | ng    | 98       |

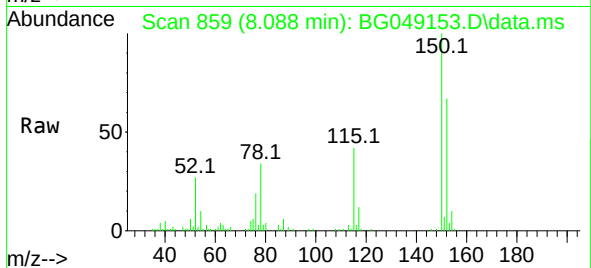
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.088 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

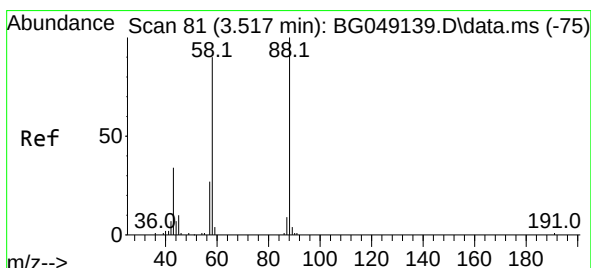
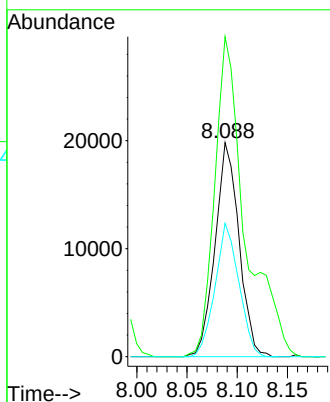
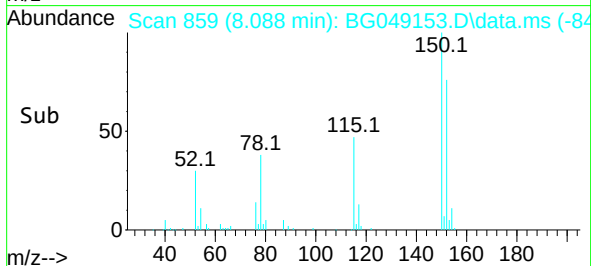
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



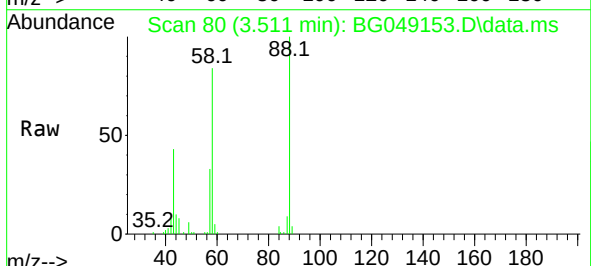
Tgt Ion:152 Resp: 32825  
Ion Ratio Lower Upper  
152 100  
150 149.4 119.4 179.0  
115 62.3 60.2 90.4

Manual Integrations  
APPROVED

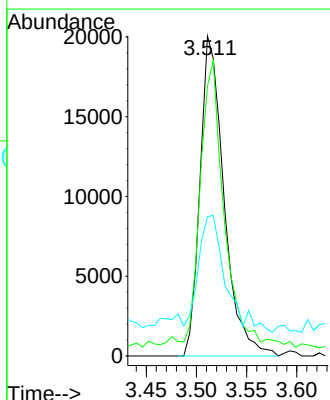
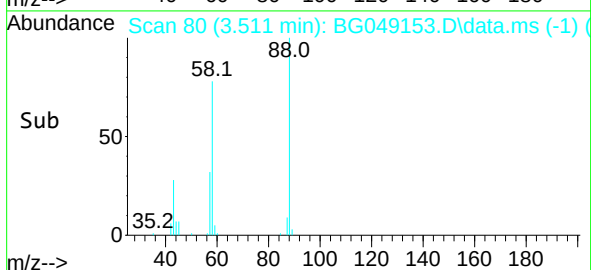
mohammad  
7/2/2021 12:01:30 PM

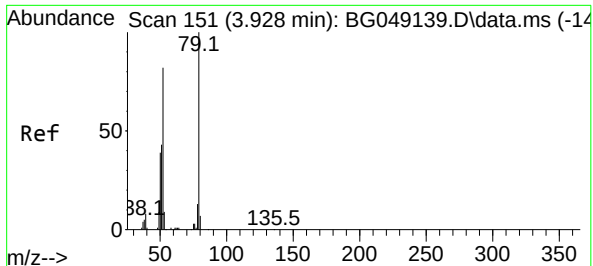


#2  
1,4-Dioxane  
Concen: 36.291 ng  
RT: 3.511 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion: 88 Resp: 33391  
Ion Ratio Lower Upper  
88 100  
58 92.8 55.7 83.5#  
43 41.6 29.3 43.9





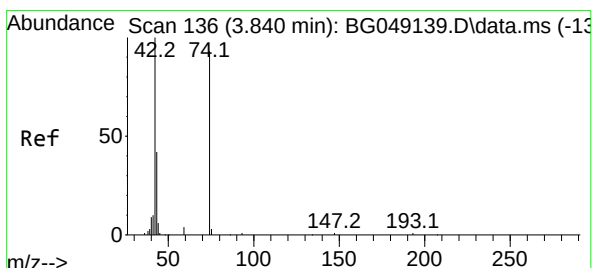
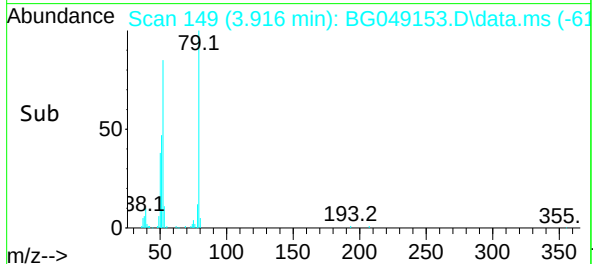
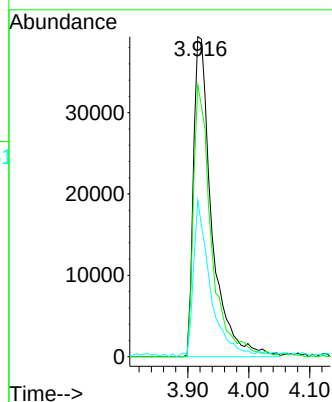
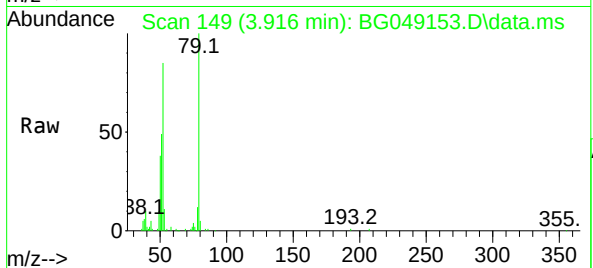
#3  
Pyridine  
Concen: 32.926 ng  
RT: 3.916 min Scan# 149  
Delta R.T. -0.012 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion: 79 Resp: 81913  
Ion Ratio Lower Upper  
79 100  
52 84.9 58.4 87.6  
51 48.8 37.0 55.6

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

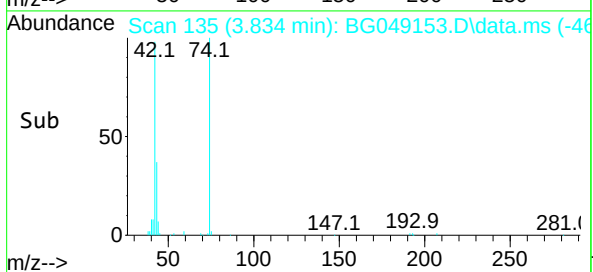
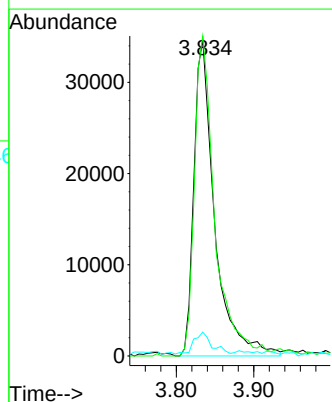
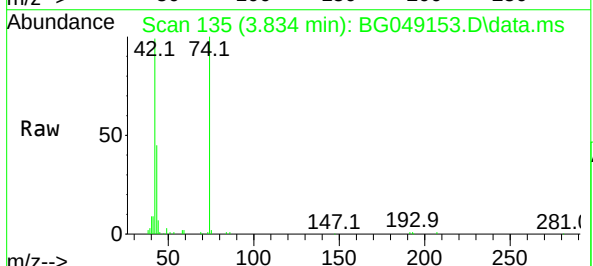
Manual Integrations  
APPROVED

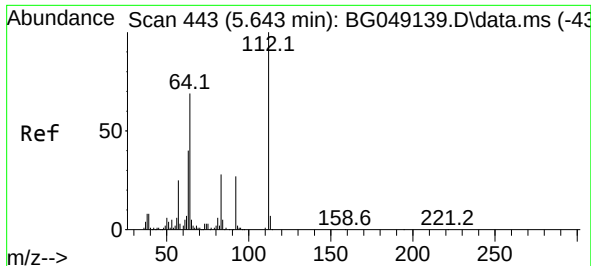
mohammad  
7/2/2021 12:01:30 PM



#4  
n-Nitrosodimethylamine  
Concen: 45.377 ng  
RT: 3.834 min Scan# 135  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion: 42 Resp: 64116  
Ion Ratio Lower Upper  
42 100  
74 101.2 64.0 96.0#  
44 7.5 2.7 4.1#





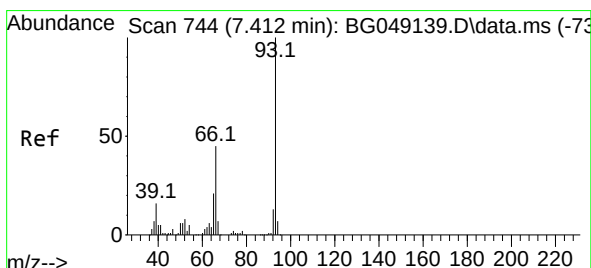
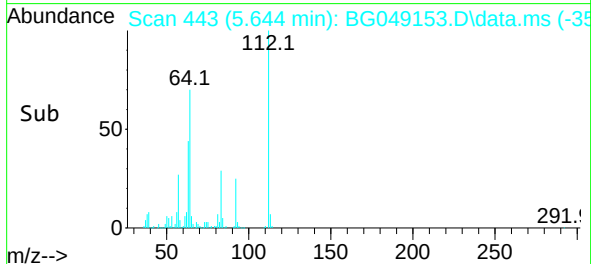
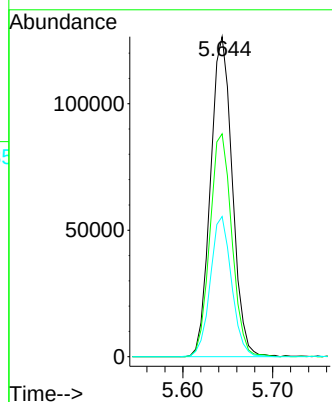
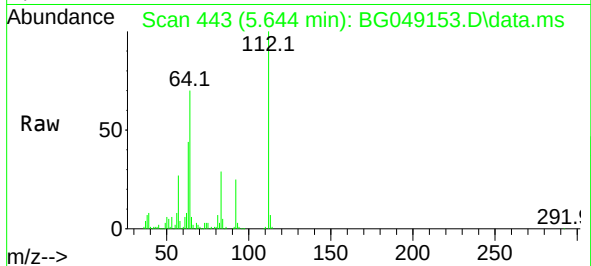
#5  
2-Fluorophenol  
Concen: 101.592 ng  
RT: 5.644 min Scan# 443  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion: 112 Resp: 212909  
Ion Ratio Lower Upper  
112 100  
64 69.6 46.7 70.1  
63 43.8 35.3 52.9

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

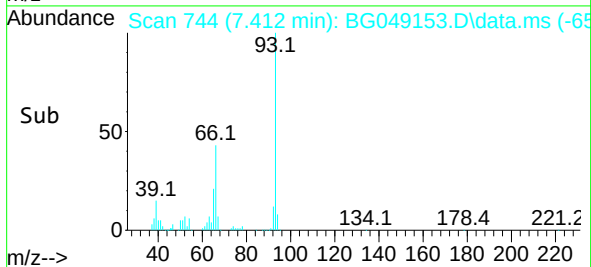
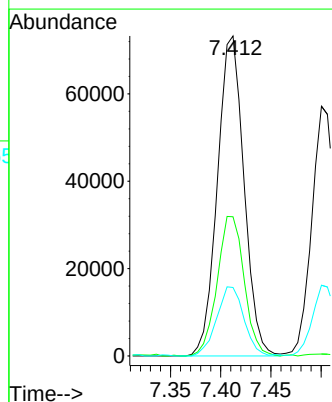
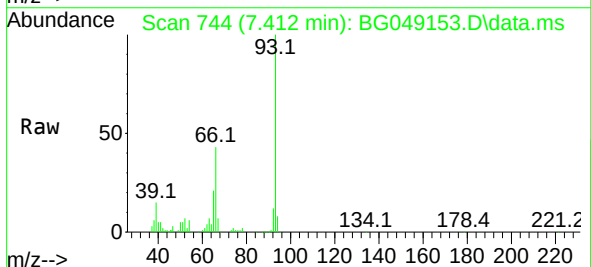
Manual Integrations  
APPROVED

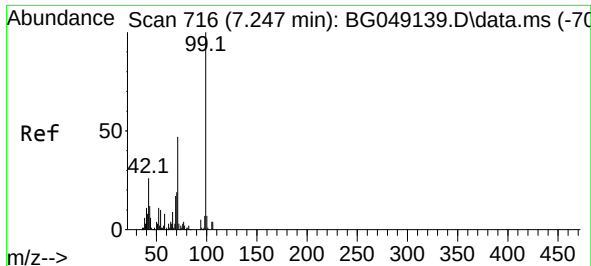
mohammad  
7/2/2021 12:01:30 PM



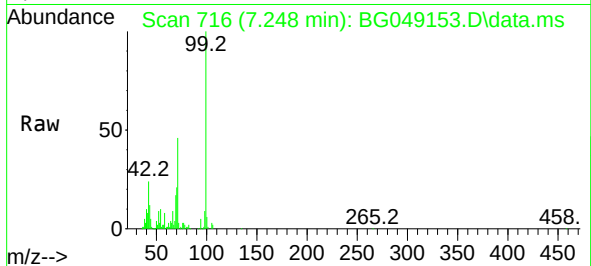
#6  
Aniline  
Concen: 37.046 ng  
RT: 7.412 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion: 93 Resp: 134764  
Ion Ratio Lower Upper  
93 100  
66 43.5 30.6 45.8  
65 21.4 15.0 22.4



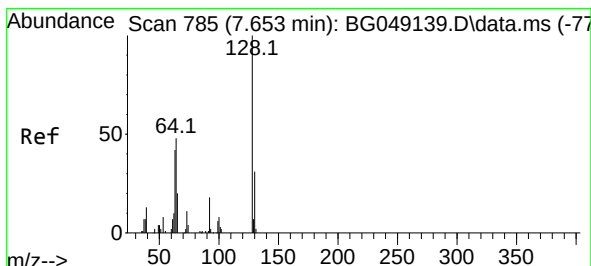
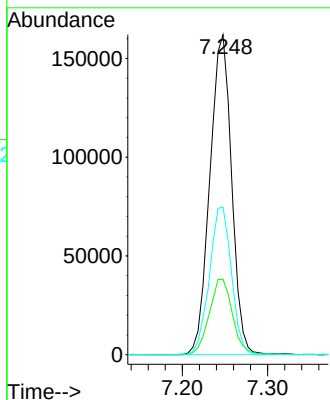
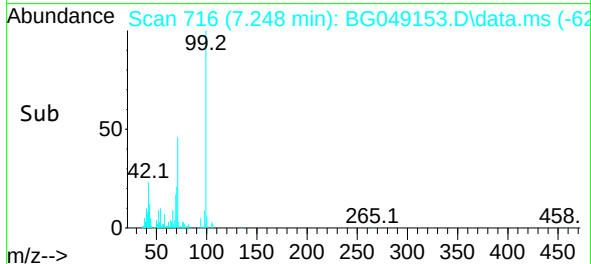


#7  
Phenol-d6  
Concen: 95.998 ng  
RT: 7.248 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

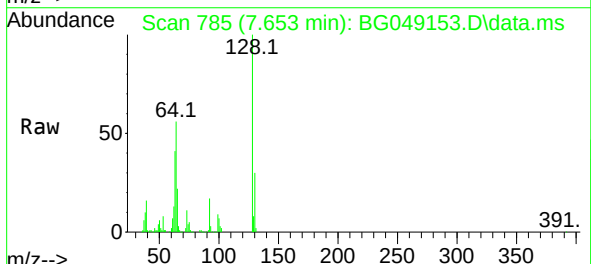


Tgt Ion: 99 Resp: 286834

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.5  | 20.5  | 30.7  |
| 71  | 46.2  | 41.5  | 62.3  |

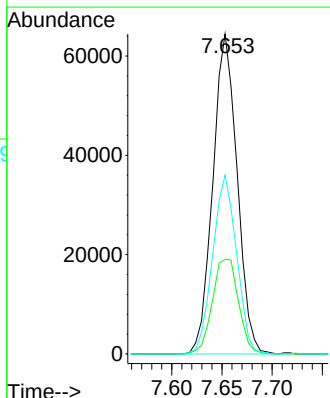
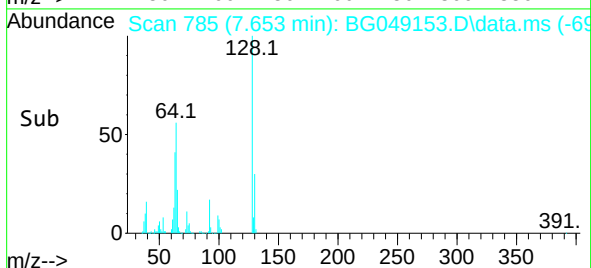


#8  
2-Chlorophenol  
Concen: 47.042 ng  
RT: 7.653 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion: 128 Resp: 108167

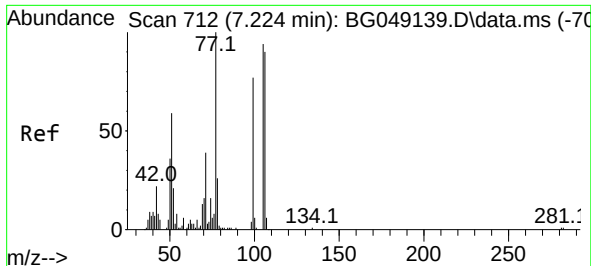
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 29.6  | 10.0  | 50.0  |
| 64  | 55.9  | 28.1  | 68.1  |



Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

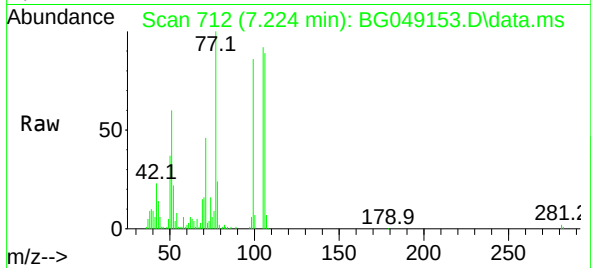
Manual Integrations  
APPROVED

mohammad  
7/2/2021 12:01:30 PM



#9  
Benzaldehyde  
Concen: 48.630 ng  
RT: 7.224 min Scan# 712  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

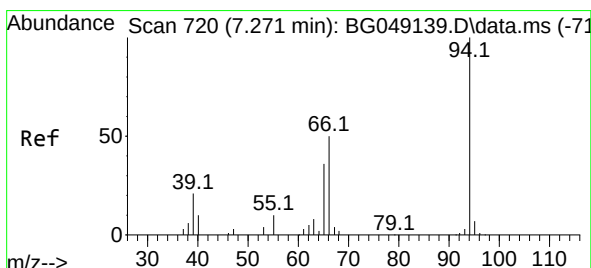
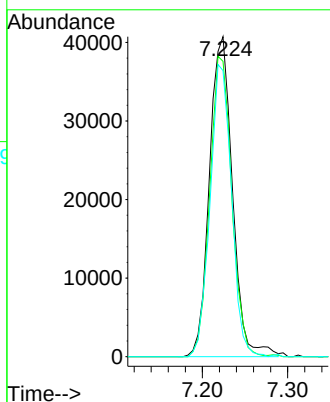
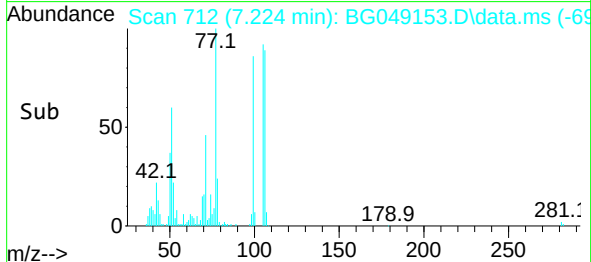
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



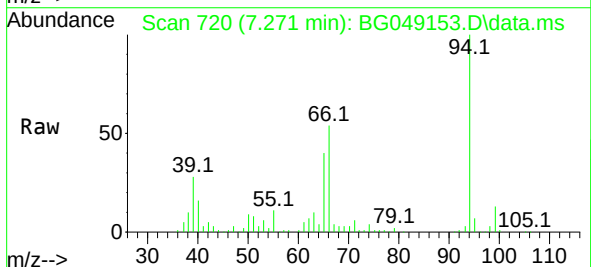
Tgt Ion: 77 Resp: 76427  
Ion Ratio Lower Upper  
77 100  
105 92.3 68.8 108.8  
106 89.4 47.9 87.9#

Manual Integrations  
APPROVED

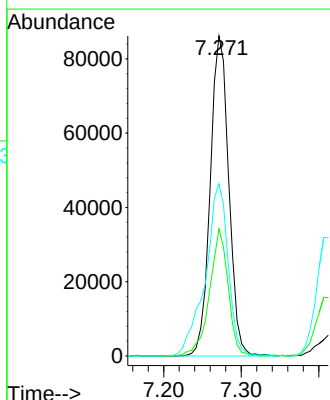
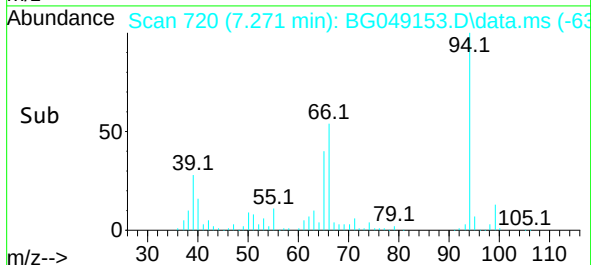
mohammad  
7/2/2021 12:01:30 PM



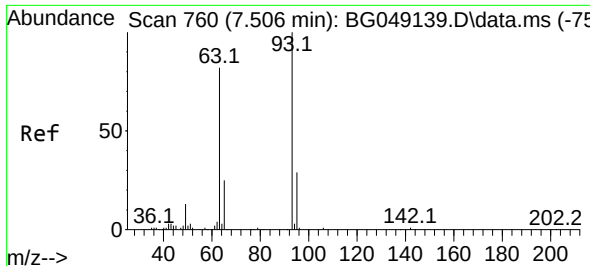
#10  
Phenol  
Concen: 47.638 ng  
RT: 7.271 min Scan# 720  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion: 94 Resp: 142986  
Ion Ratio Lower Upper  
94 100  
65 39.7 12.9 52.9  
66 53.8 39.4 79.4

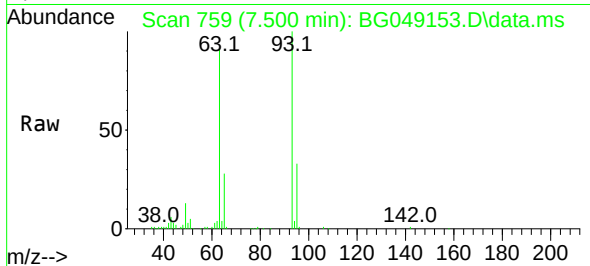






#11  
bis(2-Chloroethyl)ether  
Concen: 44.150 ng  
RT: 7.500 min Scan# 759  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

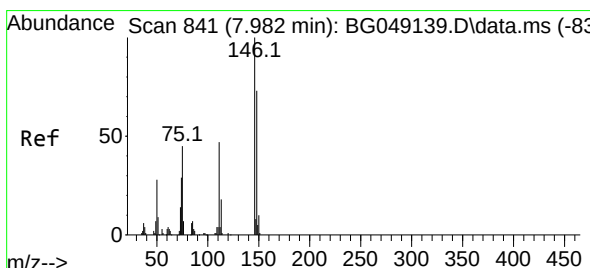
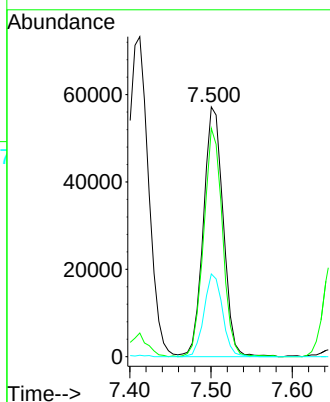
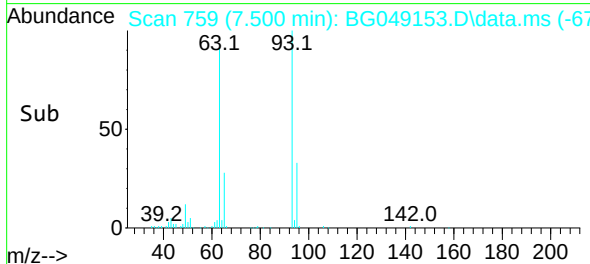
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



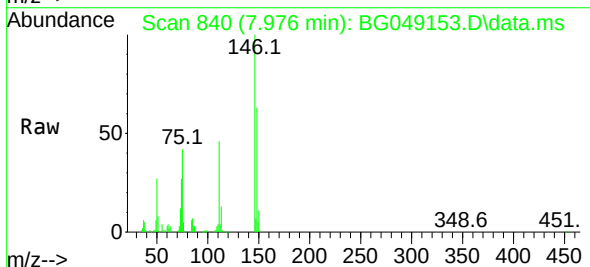
Tgt Ion: 93 Resp: 96659  
Ion Ratio Lower Upper  
93 100  
63 91.4 50.4 90.4#  
95 33.1 15.3 55.3

Manual Integrations  
APPROVED

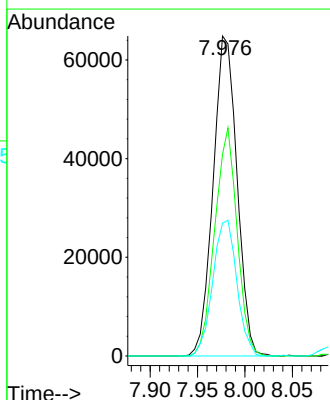
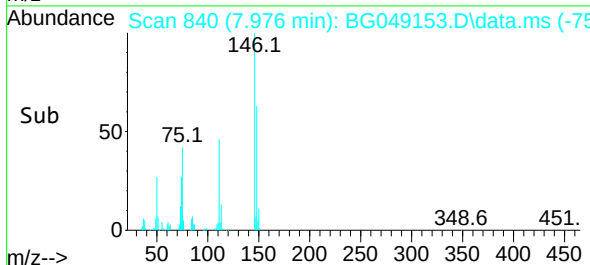
mohammad  
7/2/2021 12:01:30 PM

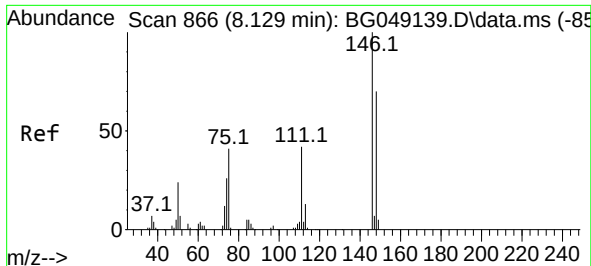


#12  
1,3-Dichlorobenzene  
Concen: 44.263 ng  
RT: 7.976 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion: 146 Resp: 113834  
Ion Ratio Lower Upper  
146 100  
148 63.0 52.6 78.8  
75 41.5 35.7 53.5





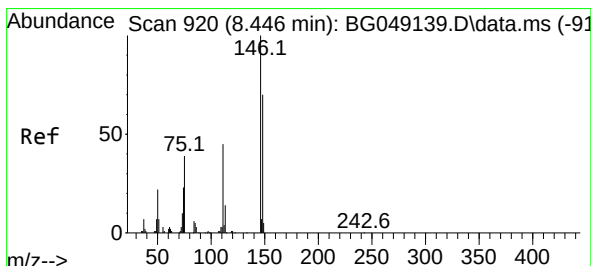
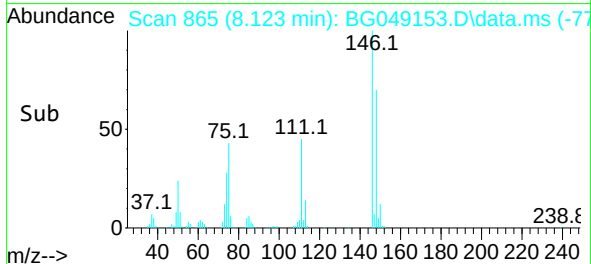
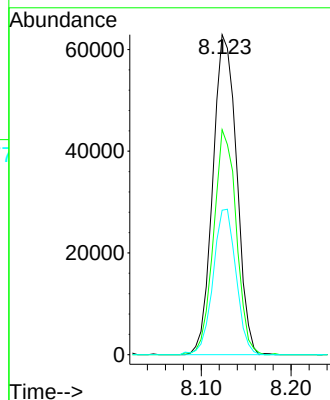
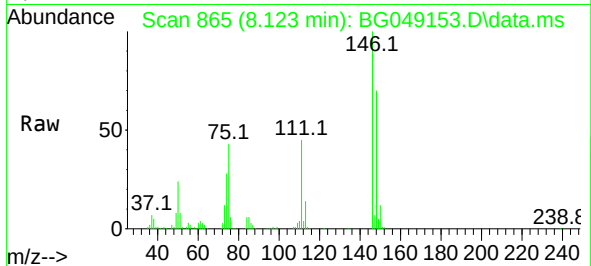
#13  
1,4-Dichlorobenzene  
Concen: 44.707 ng  
RT: 8.123 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:146 Resp: 115618  
Ion Ratio Lower Upper  
146 100  
148 70.3 54.0 81.0  
111 45.2 34.3 51.5

Instrument :  
BNA\_G  
ClientSampled :  
COMP-3MSD

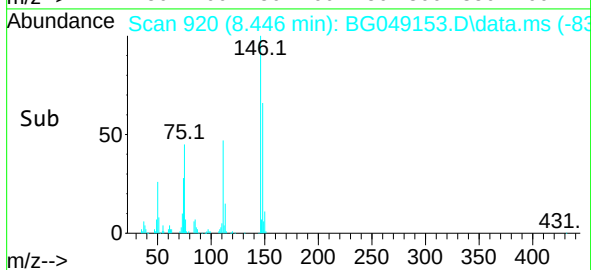
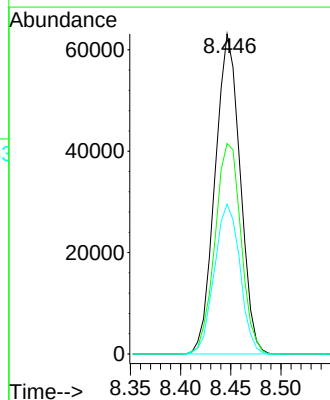
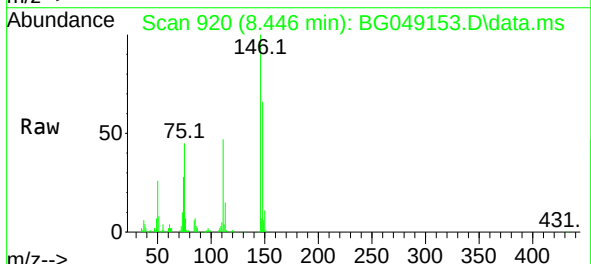
Manual Integrations  
APPROVED

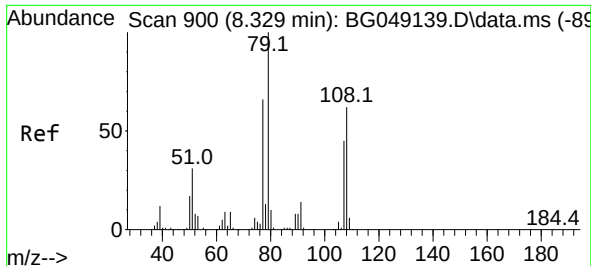
mohammad  
7/2/2021 12:01:30 PM



#14  
1,2-Dichlorobenzene  
Concen: 43.986 ng  
RT: 8.446 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

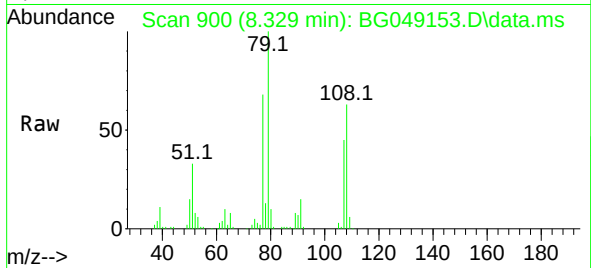
Tgt Ion:146 Resp: 109514  
Ion Ratio Lower Upper  
146 100  
148 65.7 47.5 71.3  
111 46.8 39.1 58.7





#15  
Benzyl Alcohol  
Concen: 45.739 ng  
RT: 8.329 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

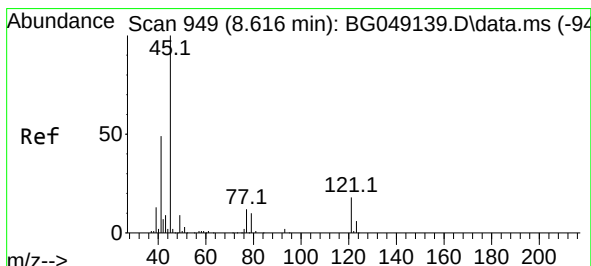
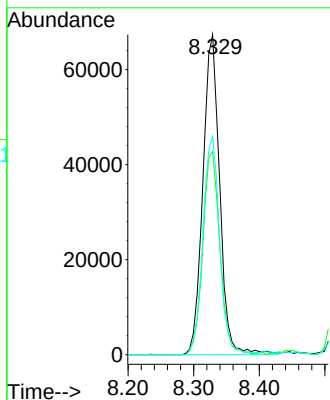
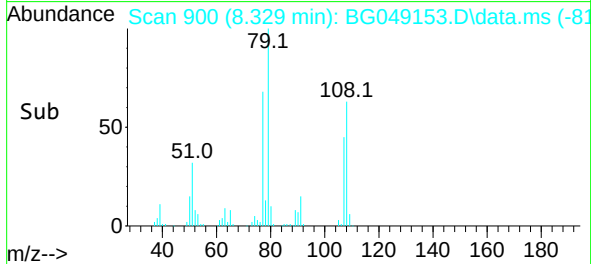
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



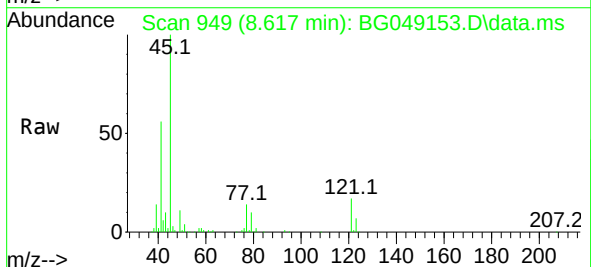
Tgt Ion: 79 Resp: 120343  
Ion Ratio Lower Upper  
79 100  
108 63.4 48.2 72.4  
77 68.3 57.3 85.9

Manual Integrations  
APPROVED

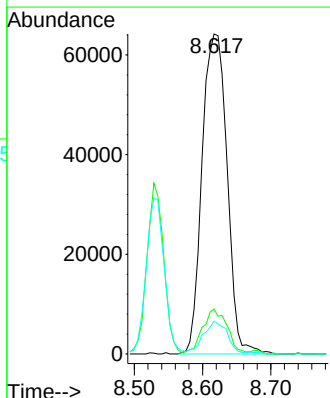
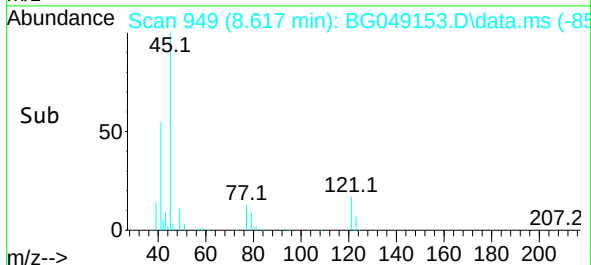
mohammad  
7/2/2021 12:01:30 PM

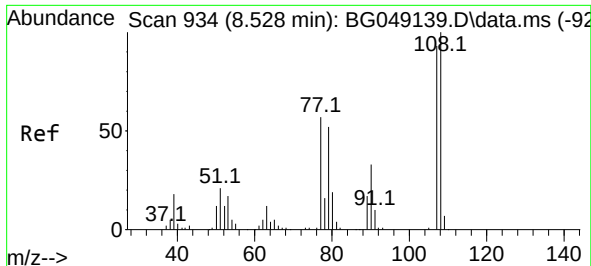


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.064 ng  
RT: 8.617 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



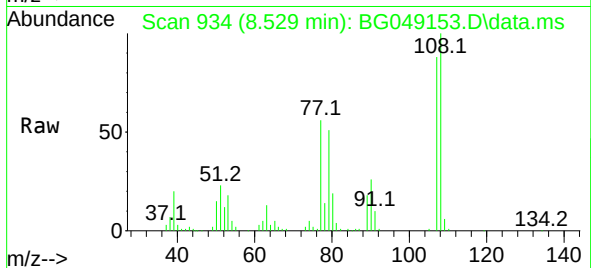
Tgt Ion: 45 Resp: 163769  
Ion Ratio Lower Upper  
45 100  
77 14.0 2.2 42.2  
79 10.2 0.0 34.3





#17  
2-Methylphenol  
Concen: 46.933 ng  
RT: 8.529 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

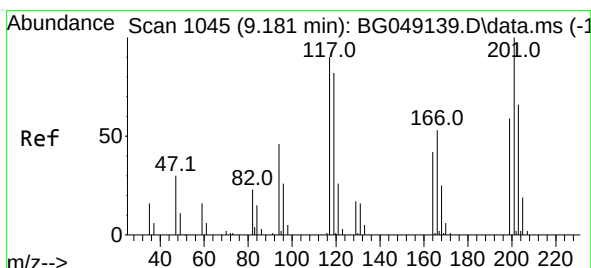
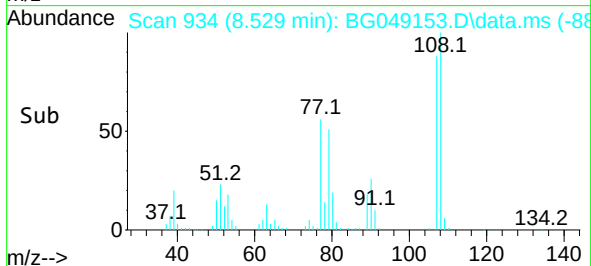
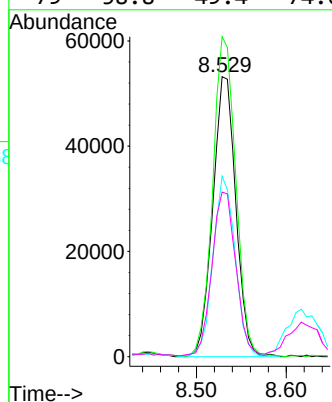
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



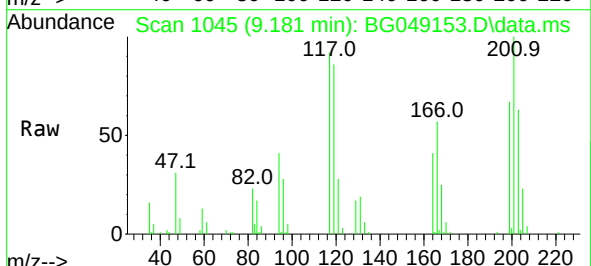
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.3 | 84.6  | 127.0 |
| 77      | 64.5  | 50.7  | 76.1  |
| 79      | 58.8  | 49.4  | 74.0  |

Manual Integrations  
APPROVED

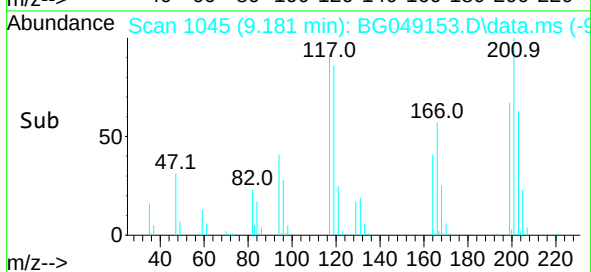
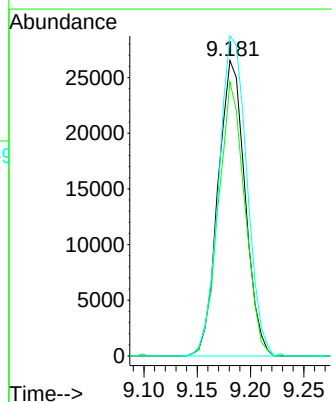
mohammad  
7/2/2021 12:01:30 PM

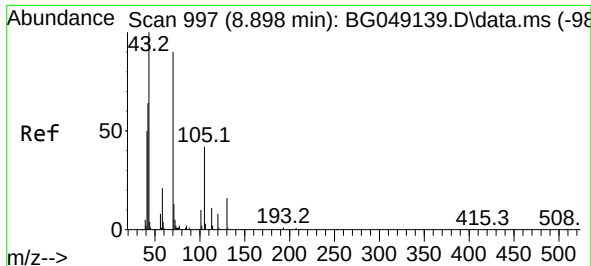


#18  
Hexachloroethane  
Concen: 45.211 ng  
RT: 9.181 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



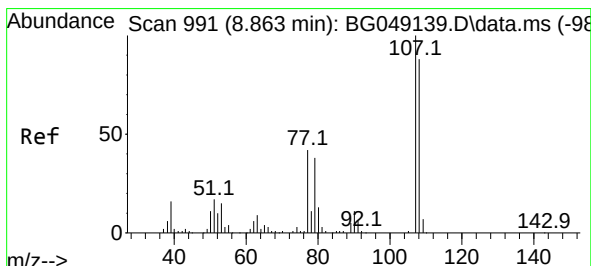
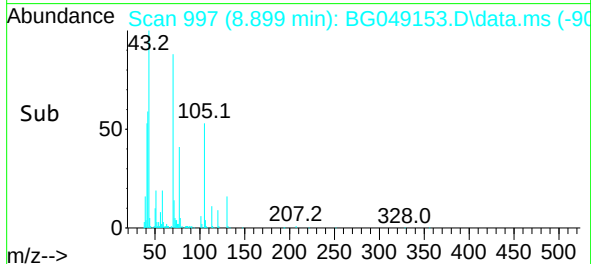
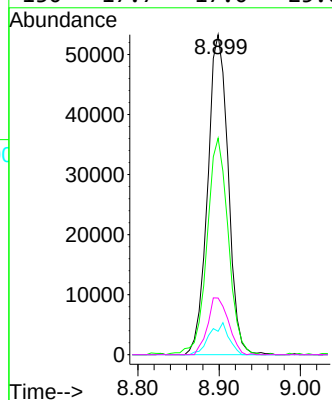
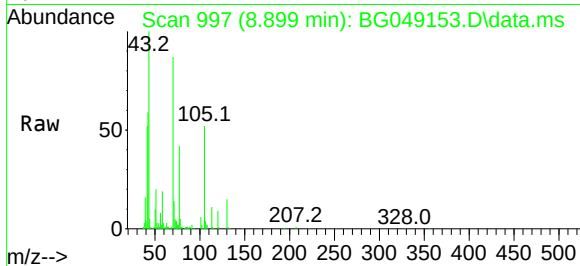
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.8  | 74.4  | 111.6 |
| 201     | 108.4 | 88.6  | 133.0 |





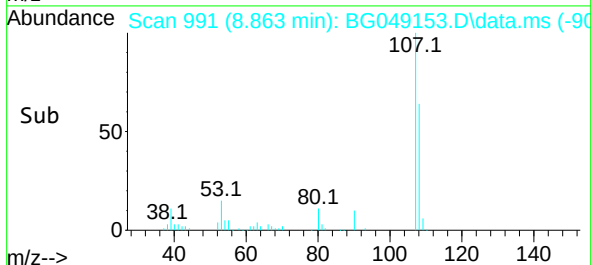
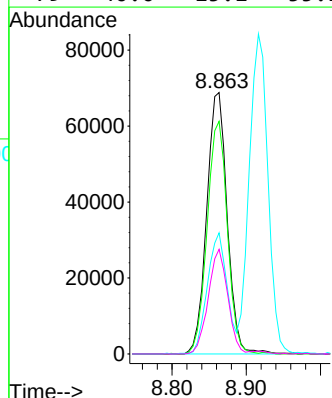
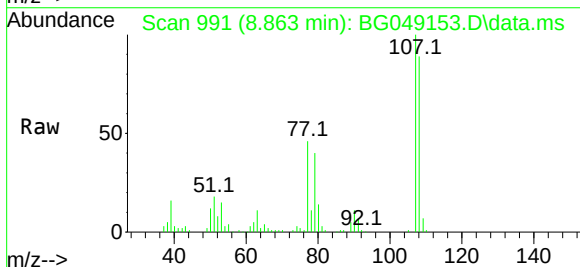
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.524 ng  
RT: 8.899 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 93460 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 67.7  | 54.5  | 81.7  |
| 101       | 7.3   | 9.0   | 13.6# |
| 130       | 17.7  | 17.0  | 25.6  |



#20  
3+4-Methylphenols  
Concen: 47.204 ng  
RT: 8.863 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

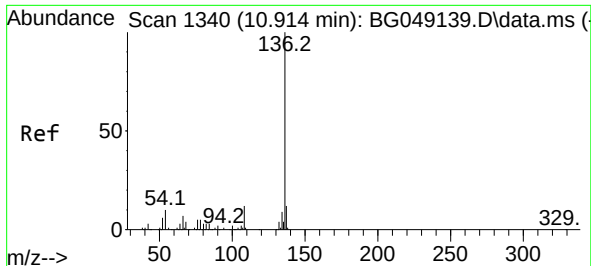
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 132359 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 89.0  | 69.3  | 109.3  |
| 77        | 46.4  | 25.2  | 65.2   |
| 79        | 40.0  | 15.1  | 55.1   |



Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

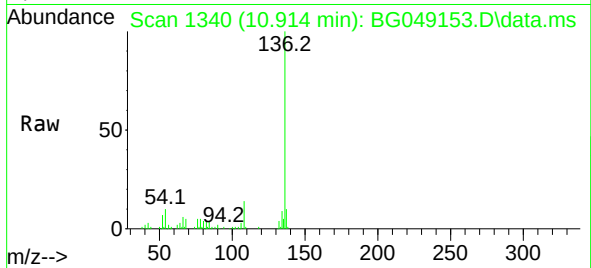
Manual Integrations  
APPROVED

mohammad  
7/2/2021 12:01:30 PM



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.914 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

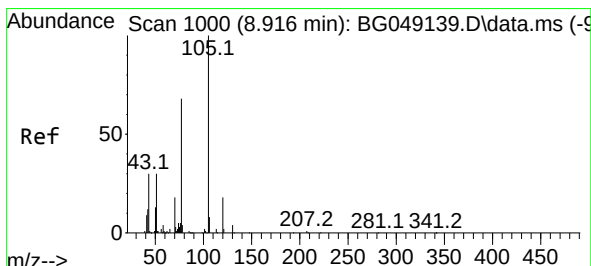
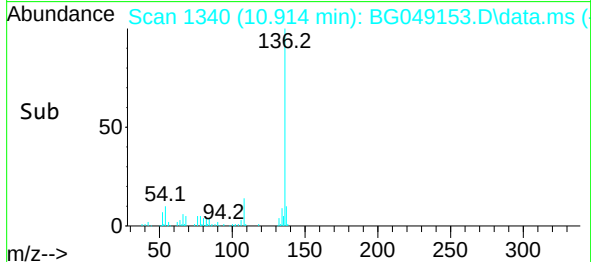
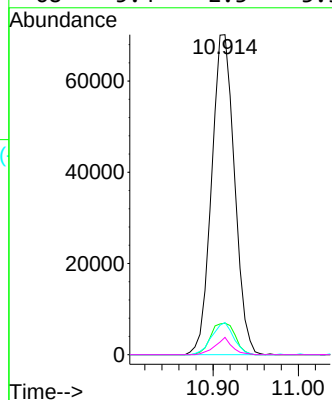
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 130697 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 9.9   | 8.2   | 12.2   |
| 54        | 10.0  | 5.5   | 8.3#   |
| 68        | 5.4   | 2.3   | 3.5#   |

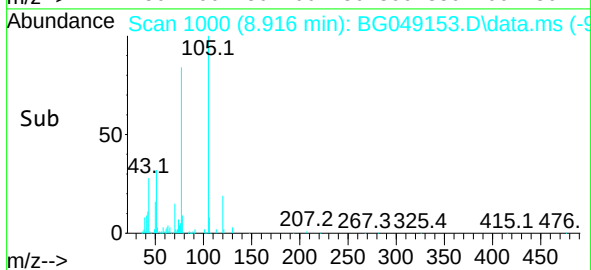
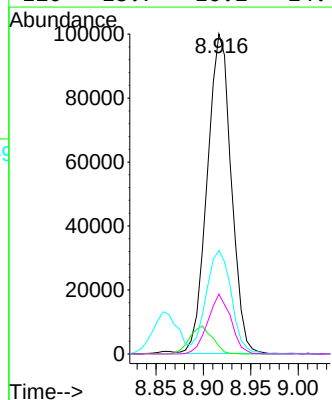
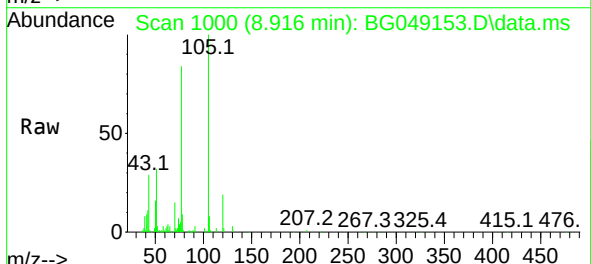
Manual Integrations  
APPROVED

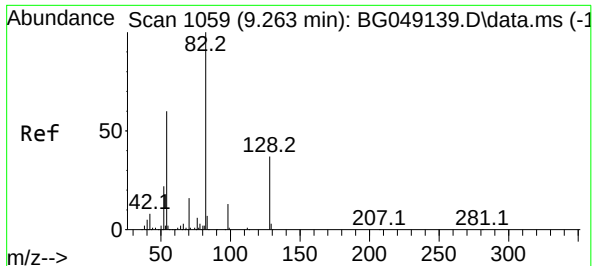
mohammad  
7/2/2021 12:01:30 PM



#22  
Acetophenone  
Concen: 45.110 ng  
RT: 8.916 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 175868 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.4   | 0.6   | 0.8#   |
| 51        | 32.4  | 26.6  | 40.0   |
| 120       | 18.7  | 16.2  | 24.4   |





#23

Nitrobenzene-d5

Concen: 64.792 ng

RT: 9.257 min Scan# 1058

Delta R.T. -0.006 min

Lab File: BG049153.D

Acq: 1 Jul 2021 14:37

Tgt Ion: 82 Resp: 199733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.4  | 29.8  | 44.6  |
| 54  | 60.3  | 45.8  | 68.8  |

Instrument :

BNA\_G

ClientSampleId :

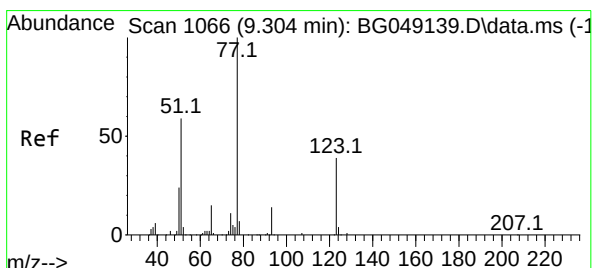
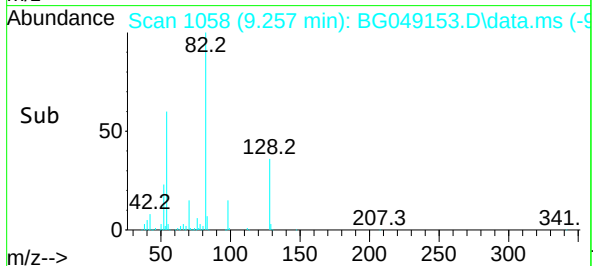
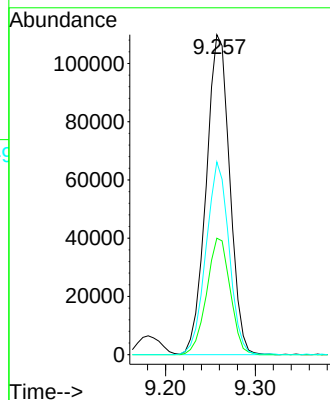
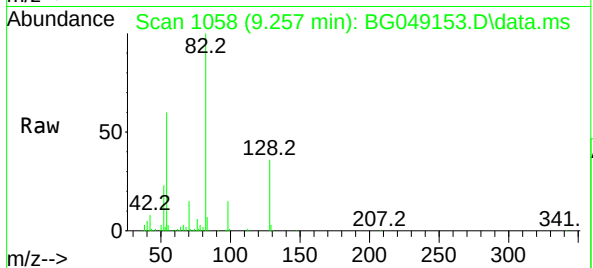
COMP-3MSD

Manual Integrations

APPROVED

mohammad

7/2/2021 12:01:30 PM



#24

Nitrobenzene

Concen: 43.599 ng

RT: 9.304 min Scan# 1066

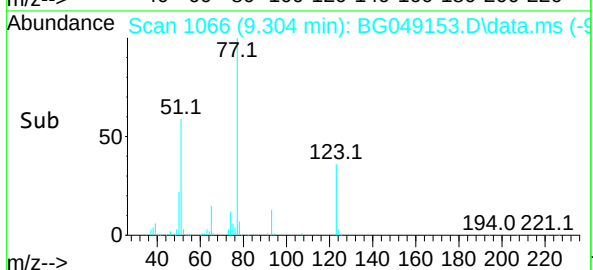
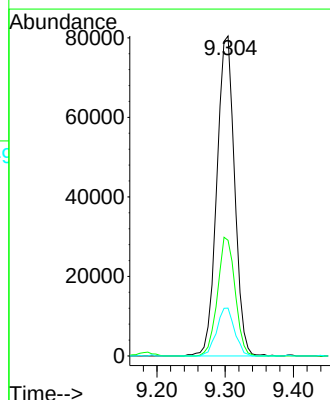
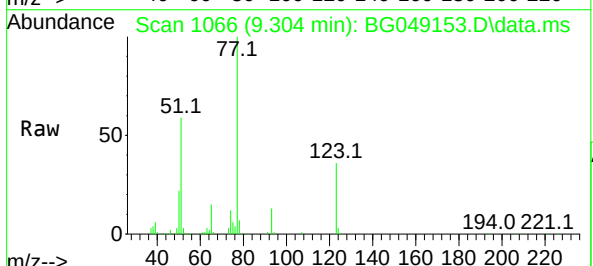
Delta R.T. 0.000 min

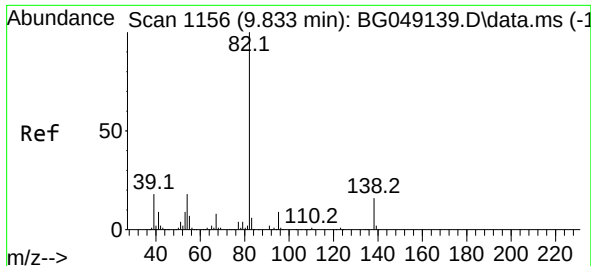
Lab File: BG049153.D

Acq: 1 Jul 2021 14:37

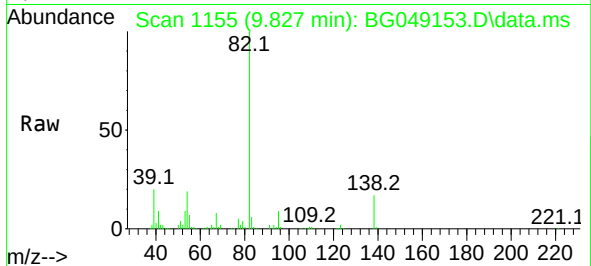
Tgt Ion: 77 Resp: 145626

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 36.2  | 27.5  | 41.3  |
| 65  | 15.0  | 12.6  | 18.8  |

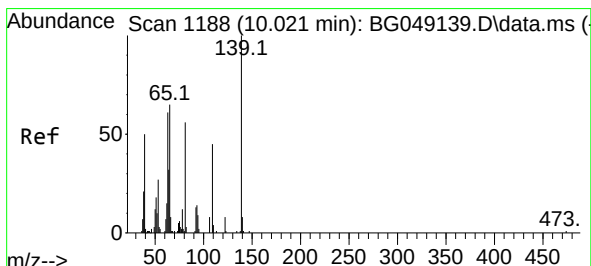
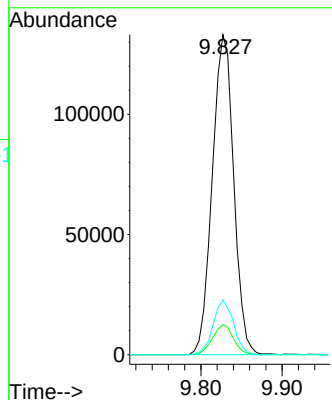
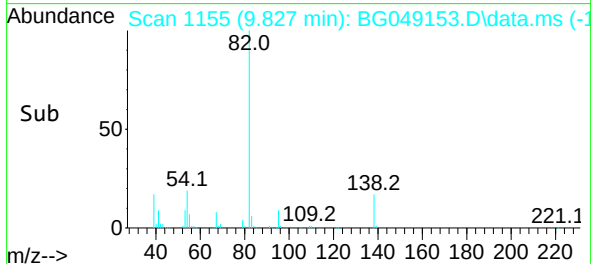




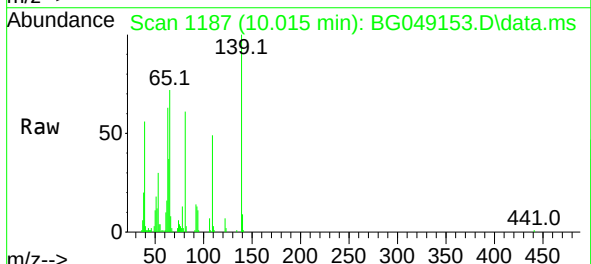
#25  
Isophorone  
Concen: 41.131 ng  
RT: 9.827 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



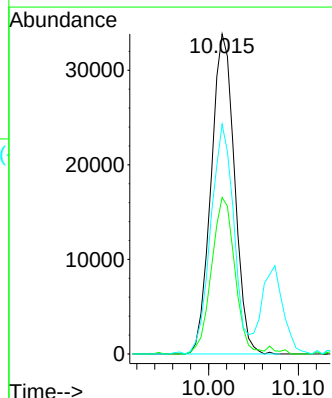
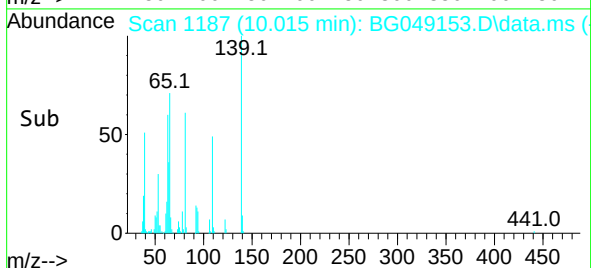
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 243551 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 9.3   | 8.5   | 12.7   |
| 138      | 17.0  | 11.8  | 17.6   |



#26  
2-Nitrophenol  
Concen: 45.971 ng  
RT: 10.015 min Scan# 1187  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 61131 |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 48.9  | 37.8  | 56.6  |
| 65       | 71.8  | 51.8  | 77.8  |

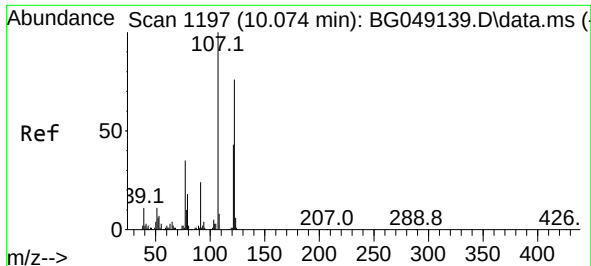


Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

Manual Integrations  
APPROVED

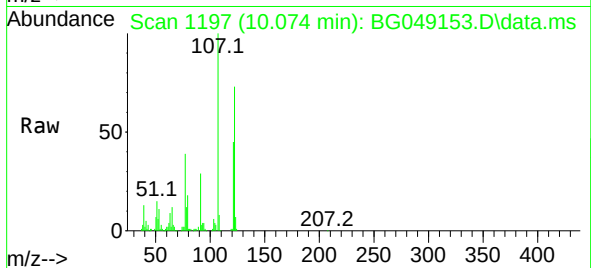
mohammad  
7/2/2021 12:01:30 PM





#27  
2,4-Dimethylphenol  
Concen: 50.872 ng  
RT: 10.074 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

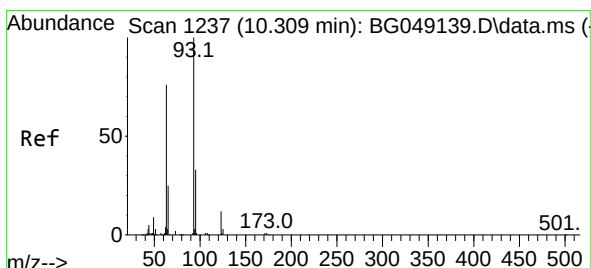
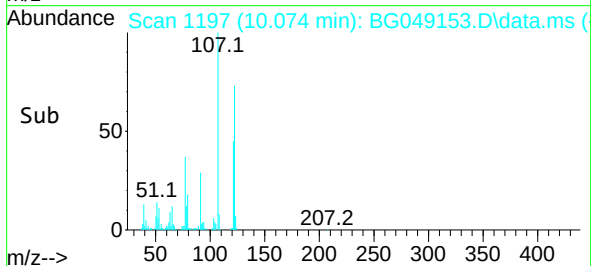
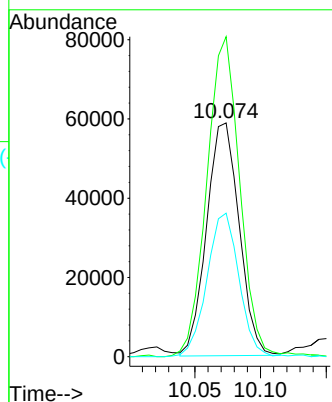
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



Tgt Ion:122 Resp: 101495  
Ion Ratio Lower Upper  
122 100  
107 136.9 110.1 165.1  
121 61.4 49.0 73.6

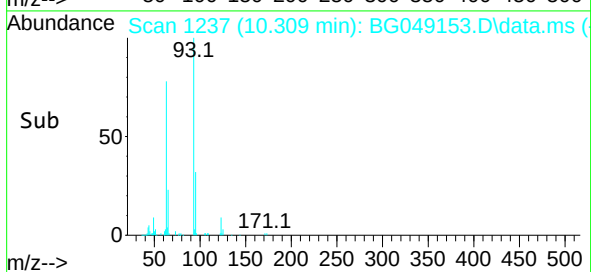
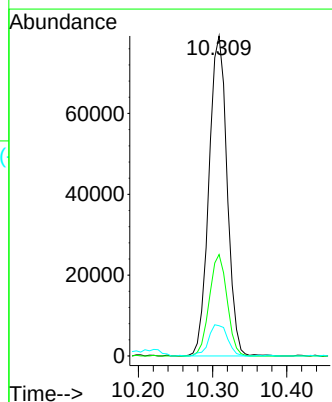
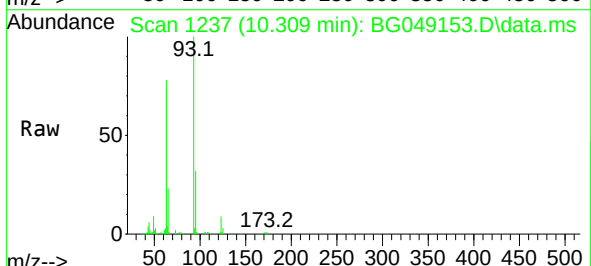
Manual Integrations  
APPROVED

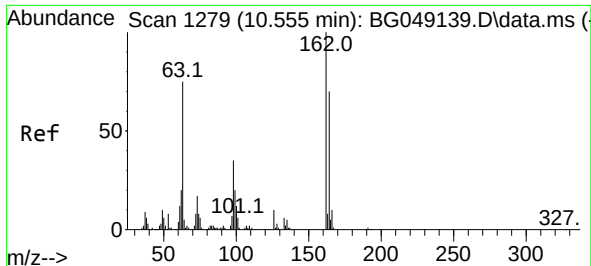
mohammad  
7/2/2021 12:01:30 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.141 ng  
RT: 10.309 min Scan# 1237  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion: 93 Resp: 134420  
Ion Ratio Lower Upper  
93 100  
95 31.7 22.2 33.4  
123 9.5 8.8 13.2





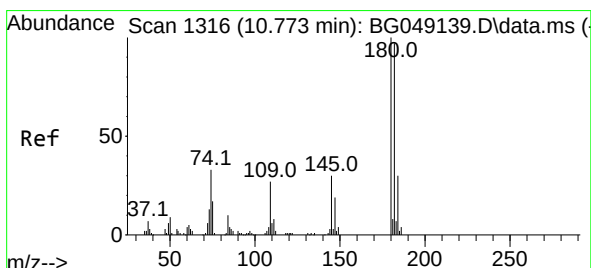
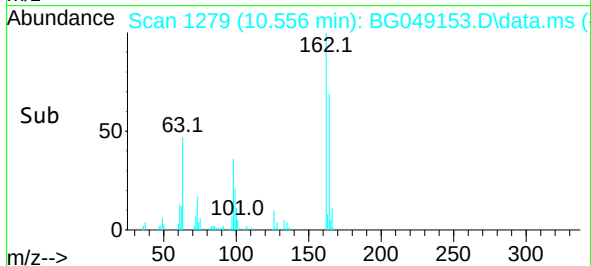
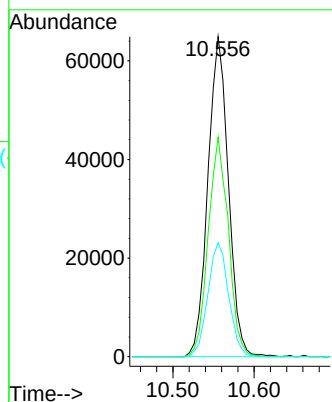
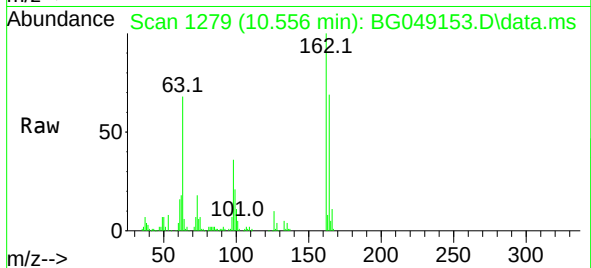
#29  
2,4-Dichlorophenol  
Concen: 47.524 ng  
RT: 10.556 min Scan# 1279  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:162 Resp: 113707  
Ion Ratio Lower Upper  
162 100  
164 68.6 39.4 79.4  
98 35.7 18.7 58.7

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

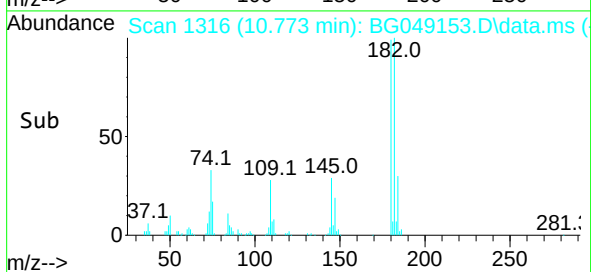
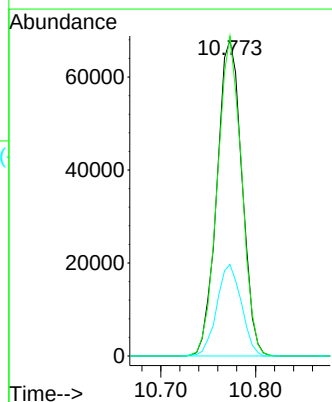
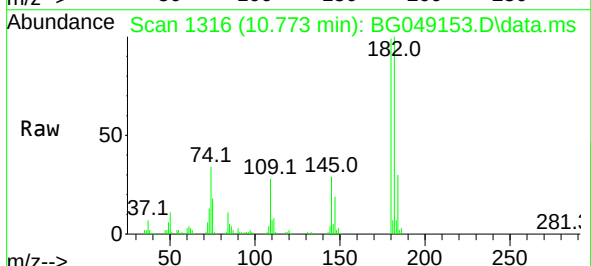
Manual Integrations  
APPROVED

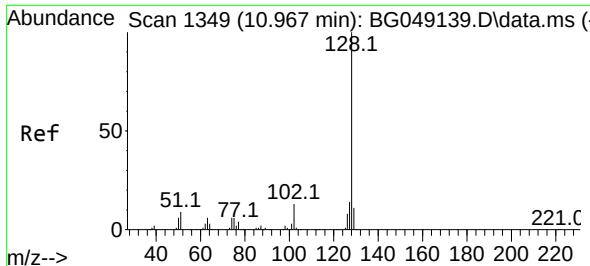
mohammad  
7/2/2021 12:01:30 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 44.076 ng  
RT: 10.773 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

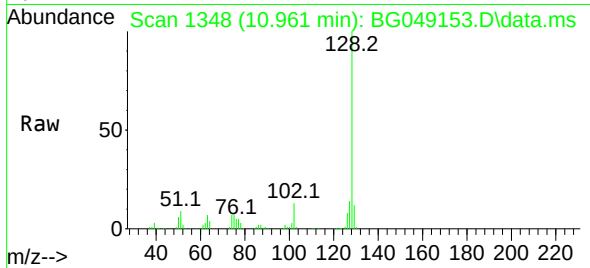
Tgt Ion:180 Resp: 124192  
Ion Ratio Lower Upper  
180 100  
182 101.3 78.9 118.3  
145 29.0 26.2 39.4





#31  
Naphthalene  
Concen: 42.987 ng  
RT: 10.961 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

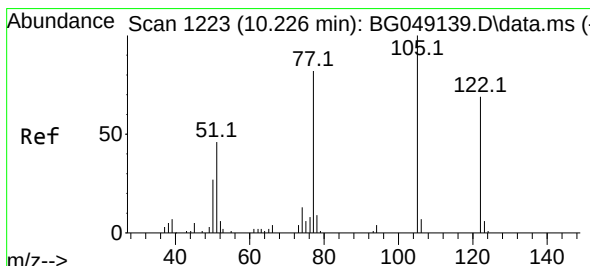
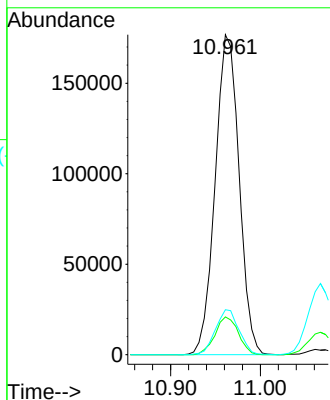
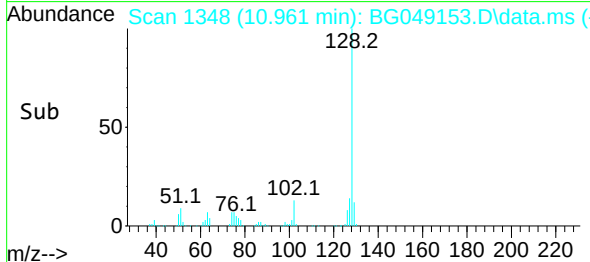
Instrument :  
BNA\_G  
ClientSampled :  
COMP-3MSD



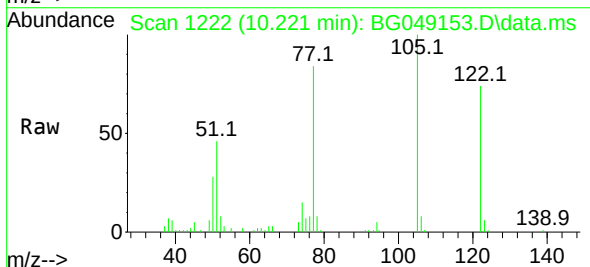
Tgt Ion:128 Resp: 327112  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.5 12.7  
127 14.1 10.2 15.4

Manual Integrations  
APPROVED

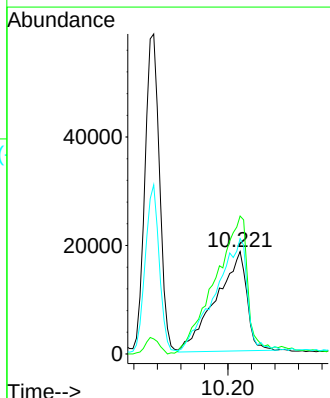
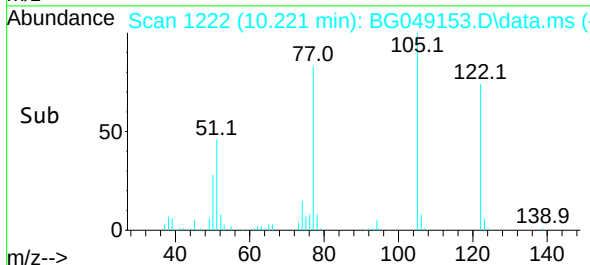
mohammad  
7/2/2021 12:01:30 PM

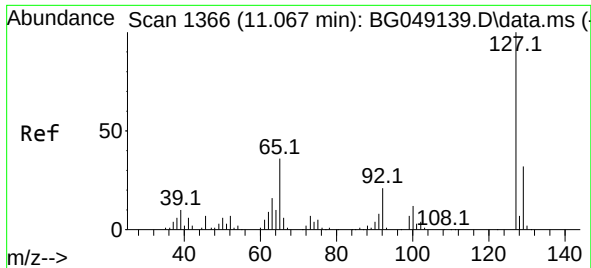


#32  
Benzoic acid  
Concen: 42.436 ng  
RT: 10.221 min Scan# 1222  
Delta R.T. -0.005 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion:122 Resp: 67030  
Ion Ratio Lower Upper  
122 100  
105 134.7 92.3 132.3#  
77 112.7 66.5 106.5#





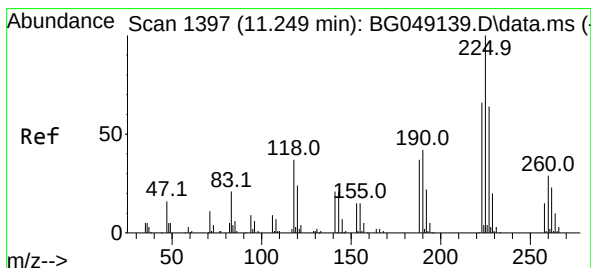
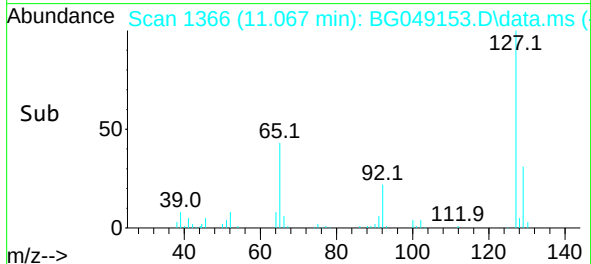
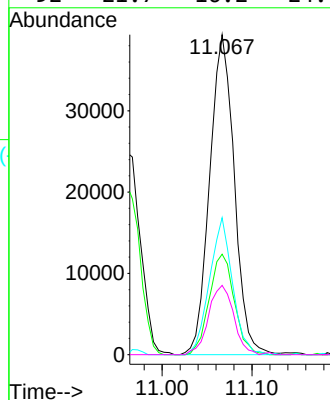
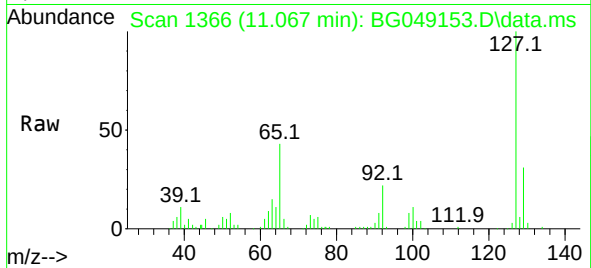
#33  
4-Chloroaniline  
Concen: 23.834 ng  
RT: 11.067 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.4  | 26.7  | 40.1  |
| 65      | 42.8  | 32.8  | 49.2  |
| 92      | 21.7  | 16.2  | 24.4  |

Instrument :  
BNA\_G  
ClientSampled :  
COMP-3MSD

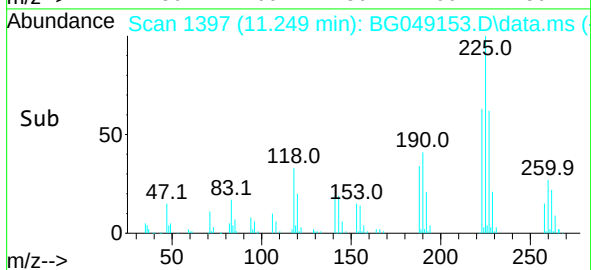
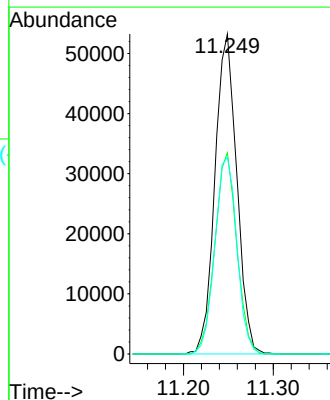
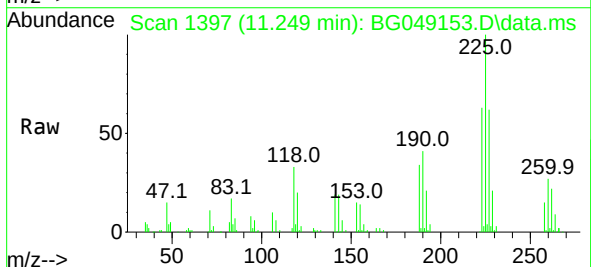
Manual Integrations  
APPROVED

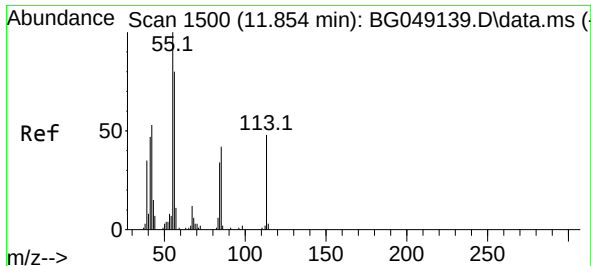
mohammad  
7/2/2021 12:01:30 PM



#34  
Hexachlorobutadiene  
Concen: 43.198 ng  
RT: 11.249 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

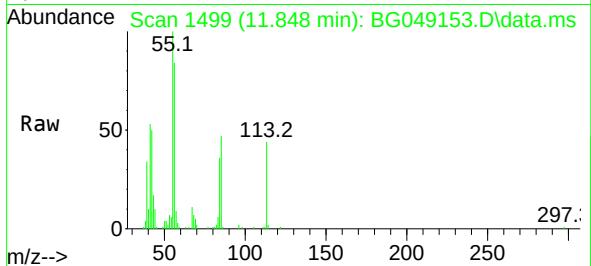
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 49.8  | 74.8  |
| 227     | 61.5  | 46.4  | 69.6  |





#35  
Caprolactam  
Concen: 50.738 ng m  
RT: 11.848 min Scan# 1499  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

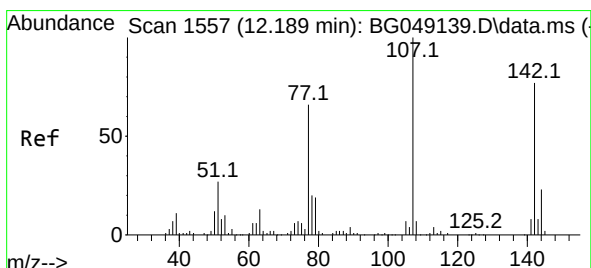
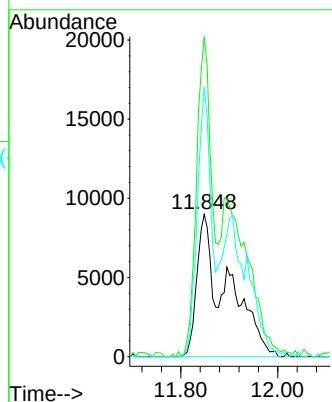
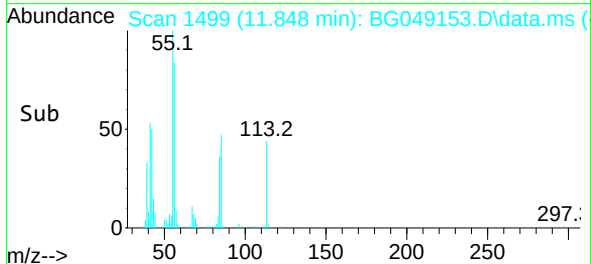
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



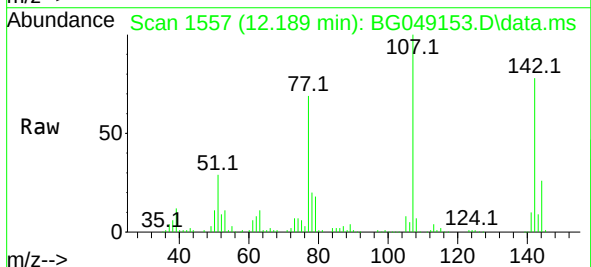
Tgt Ion:113 Resp: 38529  
Ion Ratio Lower Upper  
113 100  
55 224.9 113.8 153.8#  
56 189.3 105.6 145.6#

Manual Integrations  
APPROVED

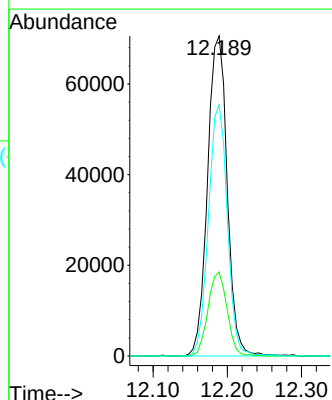
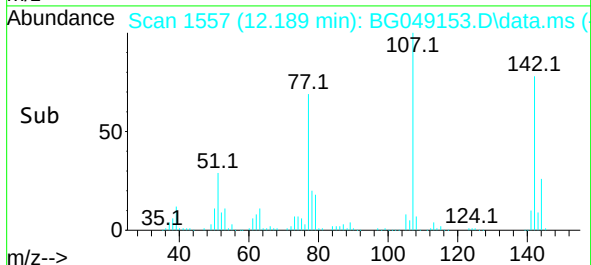
mohammad  
7/2/2021 12:01:30 PM

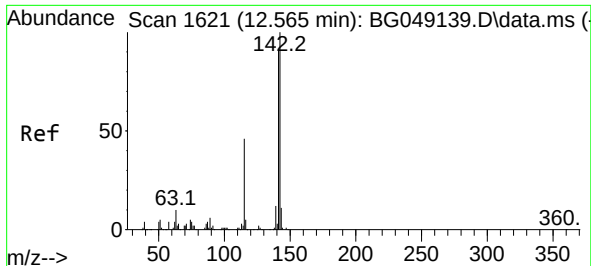


#36  
4-Chloro-3-methylphenol  
Concen: 47.186 ng  
RT: 12.189 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



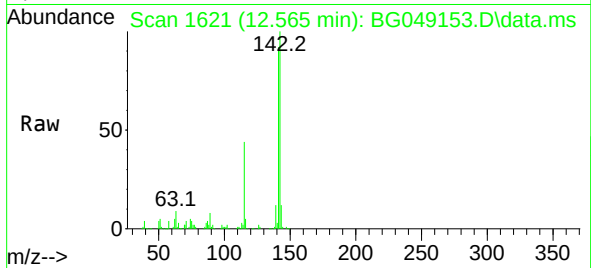
Tgt Ion:107 Resp: 129907  
Ion Ratio Lower Upper  
107 100  
144 26.2 24.8 37.2  
142 78.5 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 43.455 ng  
RT: 12.565 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

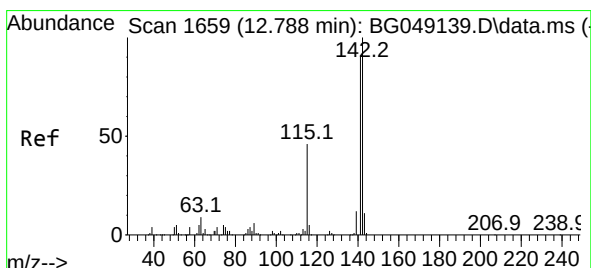
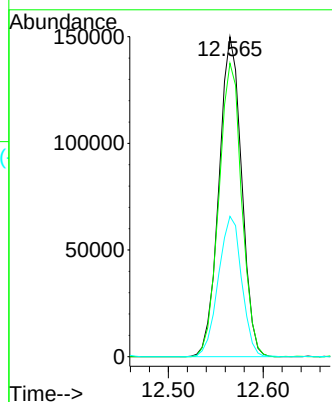
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



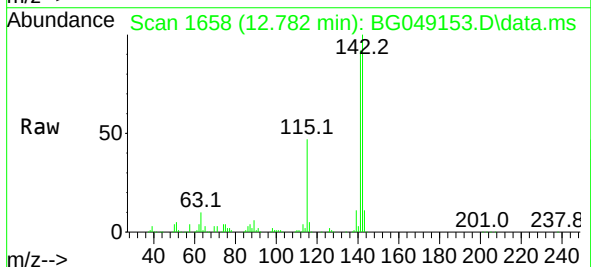
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 68.8  | 103.2 |
| 115     | 43.9  | 36.4  | 54.6  |

Manual Integrations  
APPROVED

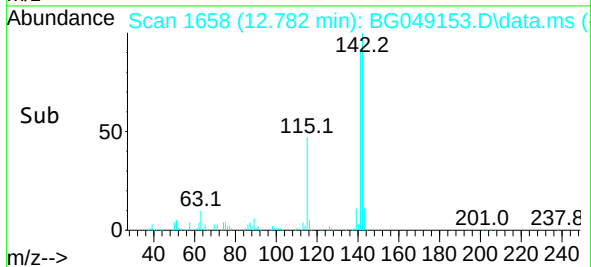
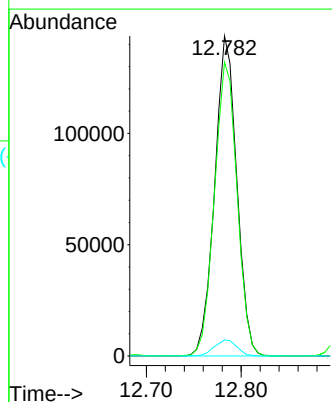
mohammad  
7/2/2021 12:01:30 PM

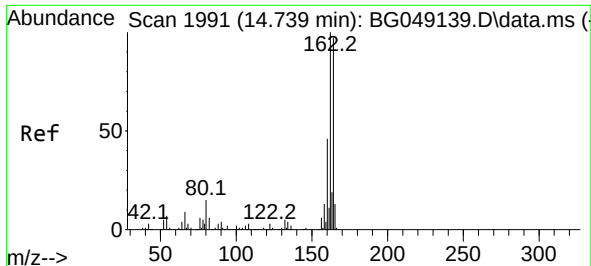


#38  
1-Methylnaphthalene  
Concen: 42.909 ng  
RT: 12.782 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



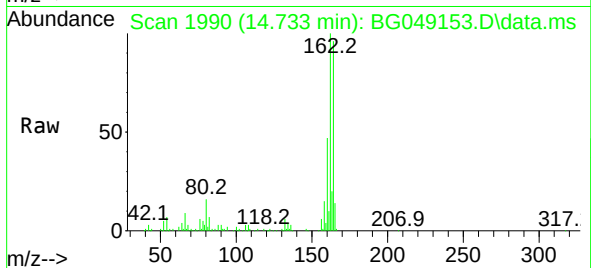
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 70.6  | 106.0 |
| 116     | 5.0   | 4.0   | 6.0   |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.733 min Scan# 1990  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

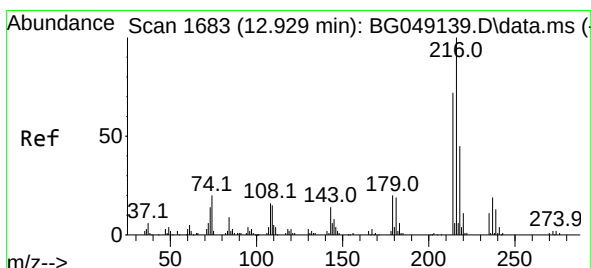
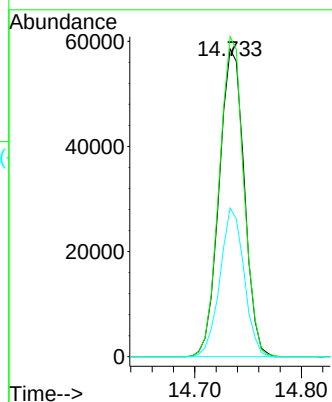
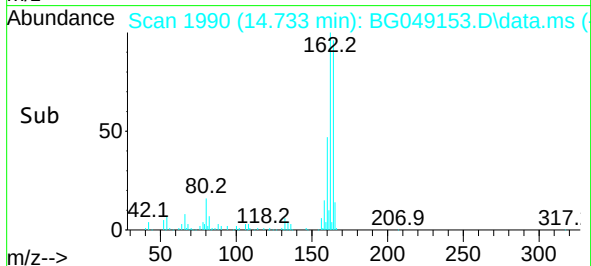
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



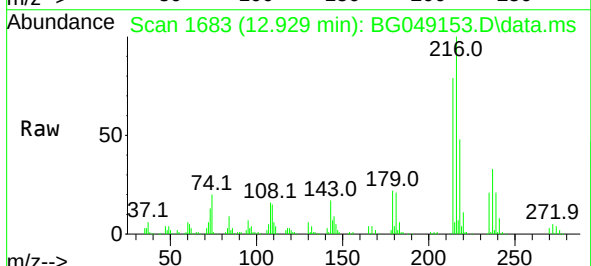
Tgt Ion:164 Resp: 95507  
Ion Ratio Lower Upper  
164 100  
162 103.9 81.4 122.0  
160 48.4 34.9 52.3

Manual Integrations  
APPROVED

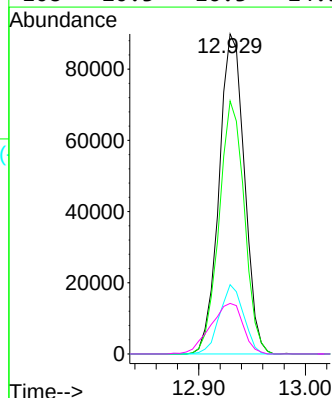
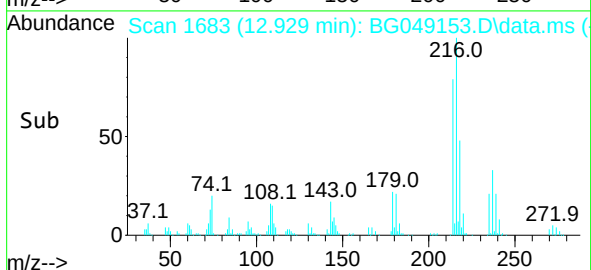
mohammad  
7/2/2021 12:01:30 PM

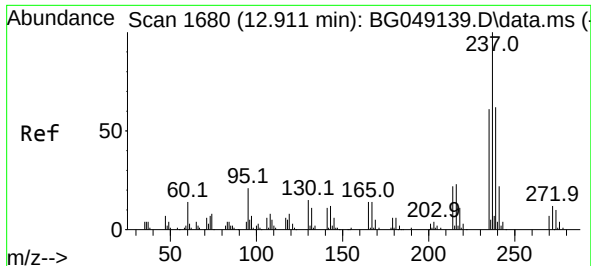


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.460 ng  
RT: 12.929 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



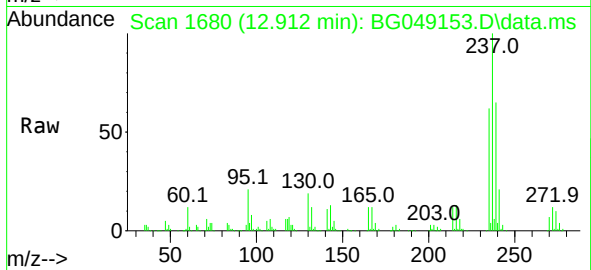
Tgt Ion:216 Resp: 148139  
Ion Ratio Lower Upper  
216 100  
214 78.8 61.4 92.2  
179 20.5 17.3 25.9  
108 20.3 16.3 24.5





#41  
Hexachlorocyclopentadiene  
Concen: 109.359 ng  
RT: 12.912 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

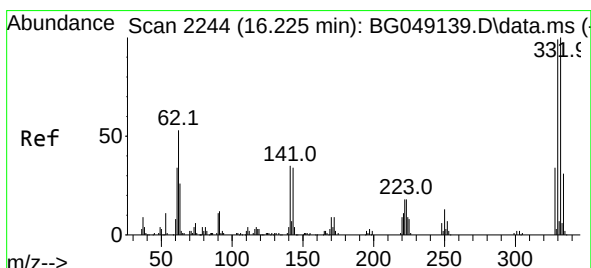
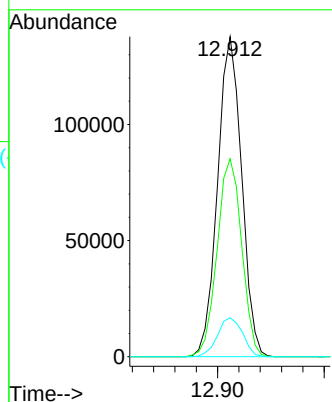
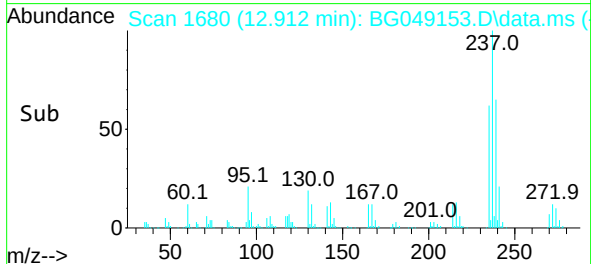
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



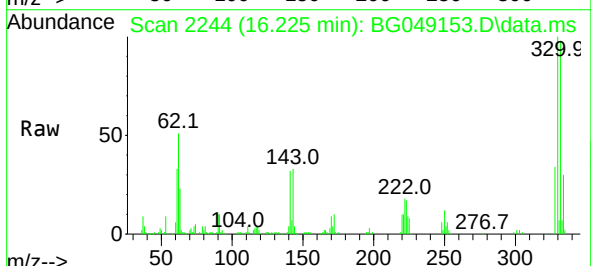
Tgt Ion:237 Resp: 215836  
Ion Ratio Lower Upper  
237 100  
235 61.9 36.6 76.6  
272 12.2 0.0 32.5

Manual Integrations  
APPROVED

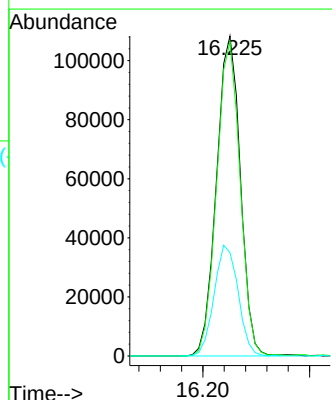
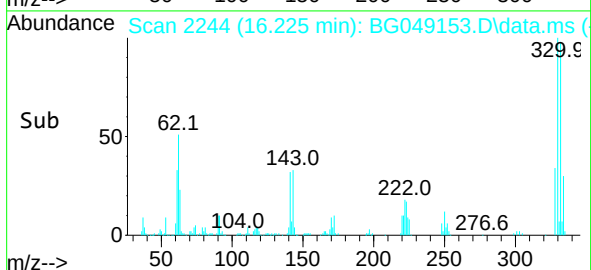
mohammad  
7/2/2021 12:01:30 PM



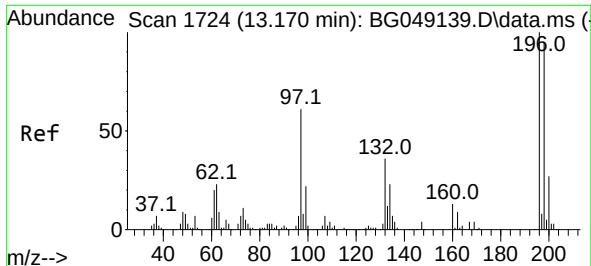
#42  
2,4,6-Tribromophenol  
Concen: 101.441 ng  
RT: 16.225 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion:330 Resp: 167951  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.3 115.9  
141 34.9 35.6 53.4#

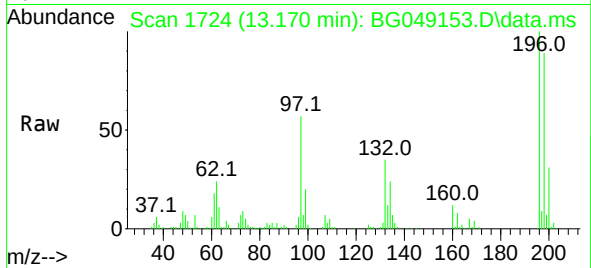






#43  
2,4,6-Trichlorophenol  
Concen: 47.293 ng  
RT: 13.170 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

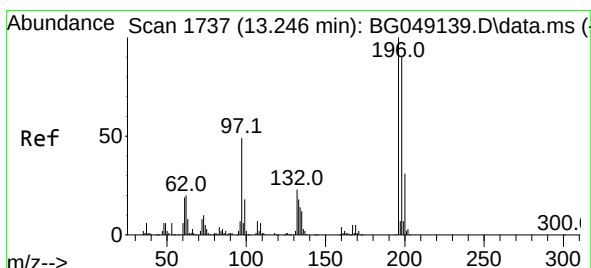
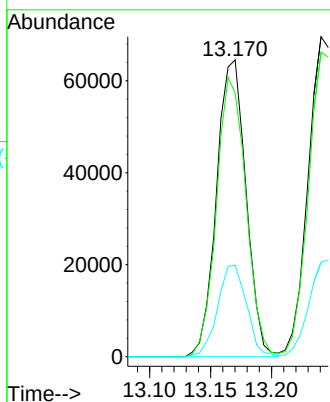
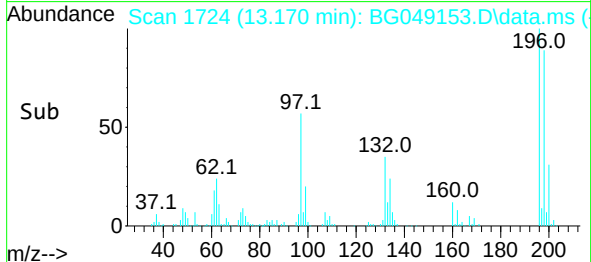
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



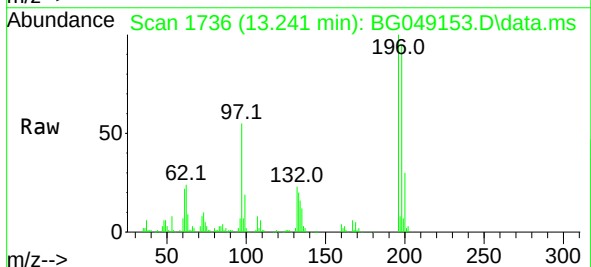
Tgt Ion:196 Resp: 108812  
Ion Ratio Lower Upper  
196 100  
198 88.9 82.1 123.1  
200 30.8 23.8 35.8

Manual Integrations  
APPROVED

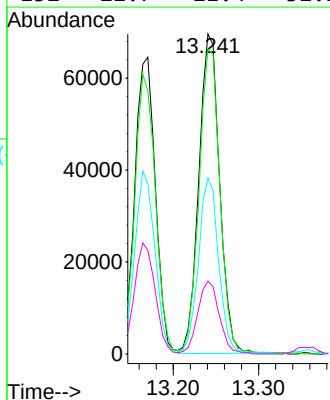
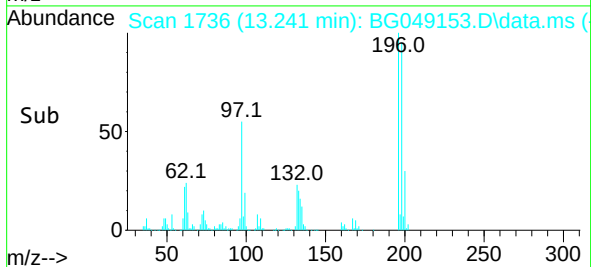
mohammad  
7/2/2021 12:01:30 PM

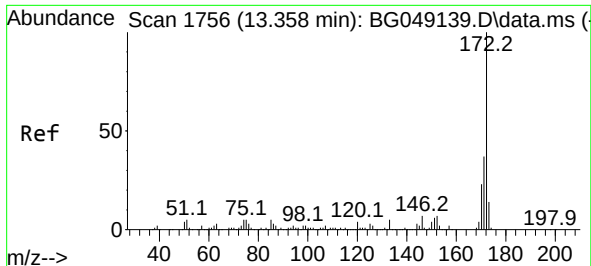


#44  
2,4,5-Trichlorophenol  
Concen: 46.716 ng  
RT: 13.241 min Scan# 1736  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



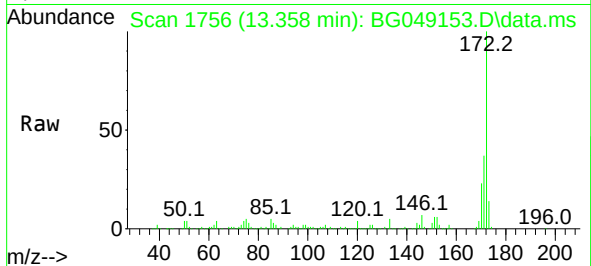
Tgt Ion:196 Resp: 117542  
Ion Ratio Lower Upper  
196 100  
198 95.2 87.4 131.0  
97 54.9 43.3 64.9  
132 22.7 21.4 32.2





#45  
2-Fluorobiphenyl  
Concen: 62.435 ng  
RT: 13.358 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

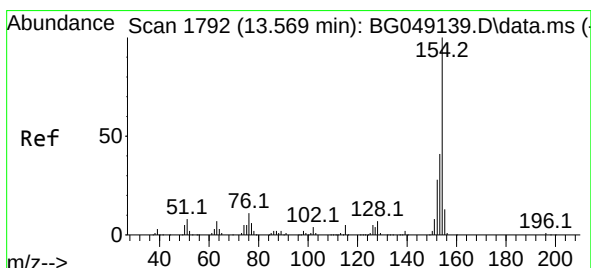
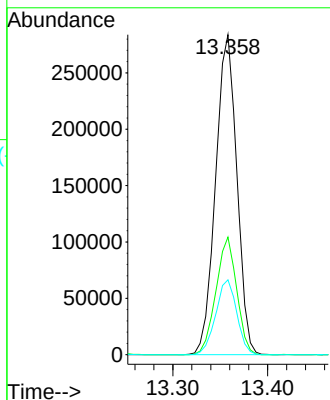
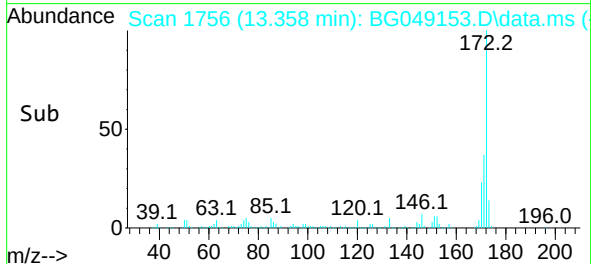
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



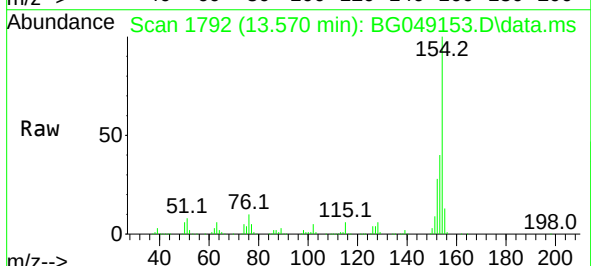
Tgt Ion:172 Resp: 441978  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.6 43.0  
170 23.4 18.6 27.8

Manual Integrations  
APPROVED

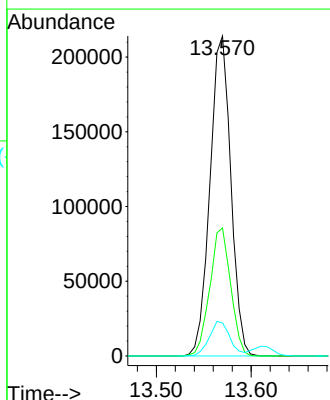
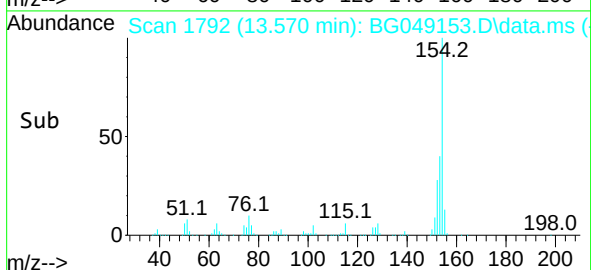
mohammad  
7/2/2021 12:01:30 PM

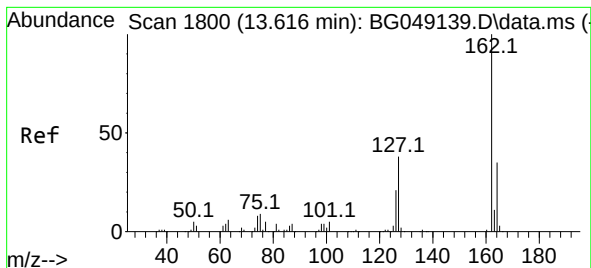


#46  
1,1'-Biphenyl  
Concen: 45.834 ng  
RT: 13.570 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



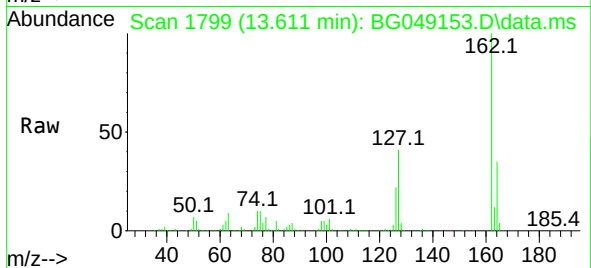
Tgt Ion:154 Resp: 327019  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.5 60.5  
76 10.3 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 43.935 ng  
RT: 13.611 min Scan# 1799  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

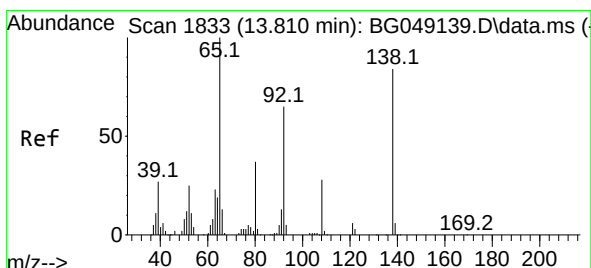
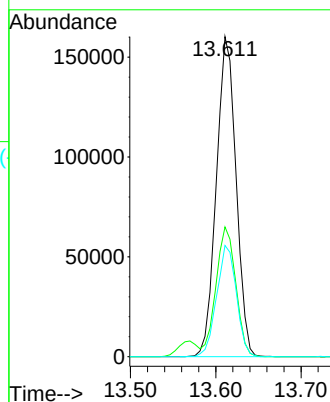
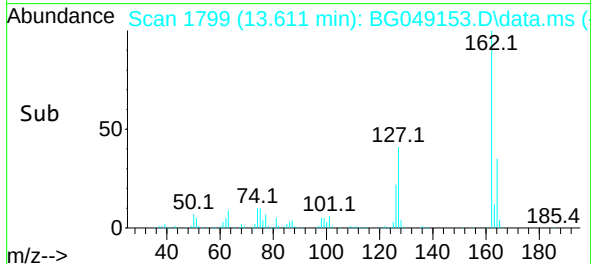
Instrument :  
BNA\_G  
ClientSampled :  
COMP-3MSD



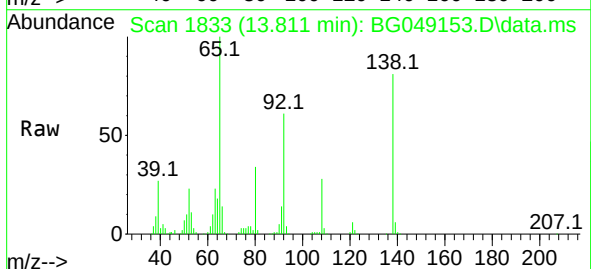
Tgt Ion:162 Resp: 257940  
Ion Ratio Lower Upper  
162 100  
127 40.5 32.7 49.1  
164 34.8 27.0 40.4

Manual Integrations  
APPROVED

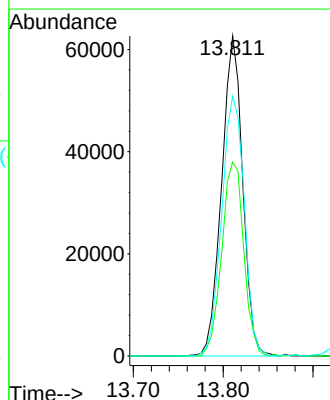
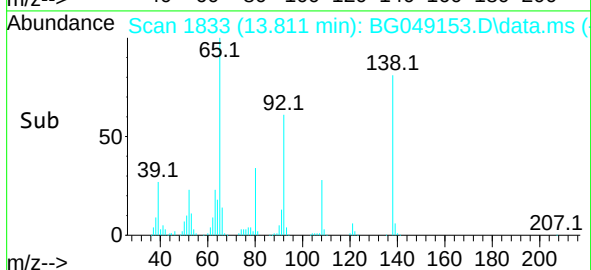
mohammad  
7/2/2021 12:01:30 PM

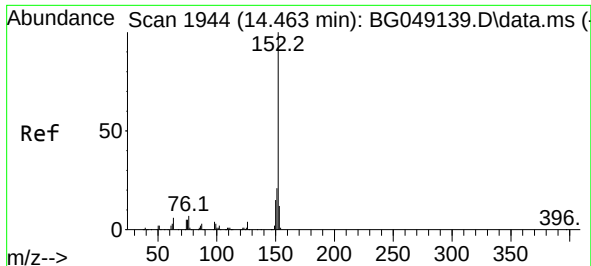


#48  
2-Nitroaniline  
Concen: 47.625 ng  
RT: 13.811 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



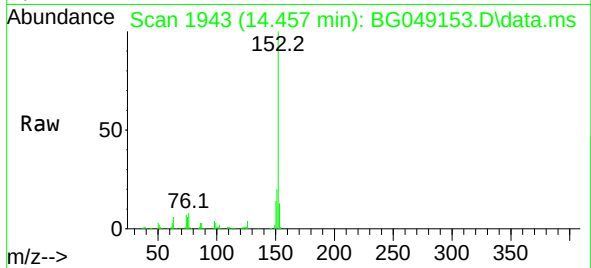
Tgt Ion: 65 Resp: 101954  
Ion Ratio Lower Upper  
65 100  
92 60.6 47.2 70.8  
138 81.1 68.0 102.0





#49  
Acenaphthylene  
Concen: 45.186 ng  
RT: 14.457 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

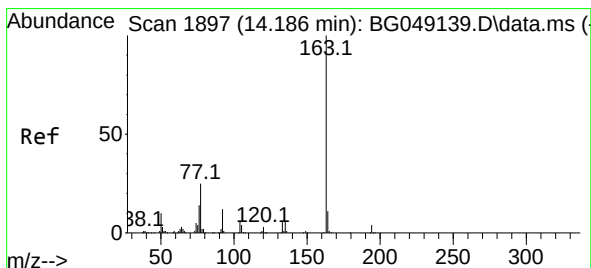
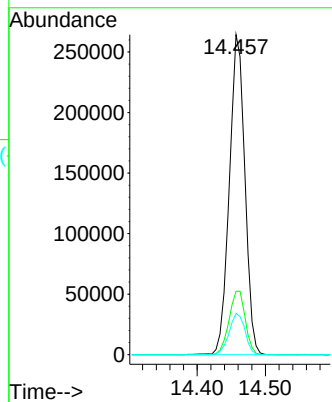
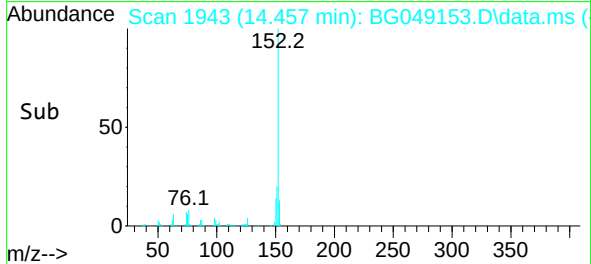
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



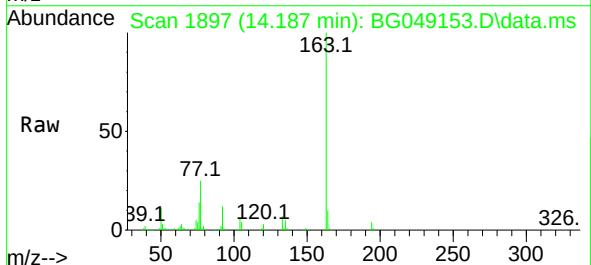
Tgt Ion:152 Resp: 418246  
Ion Ratio Lower Upper  
152 100  
151 19.8 18.2 27.4  
153 12.9 11.7 17.5

Manual Integrations  
APPROVED

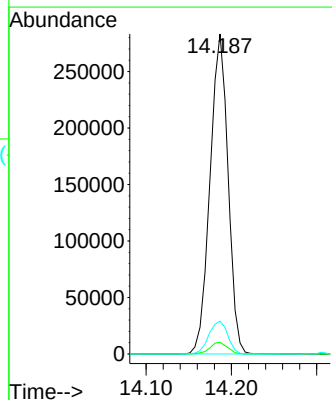
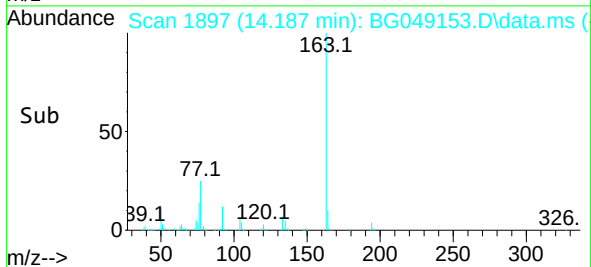
mohammad  
7/2/2021 12:01:30 PM

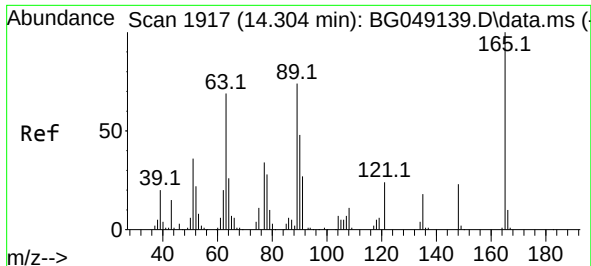


#50  
Dimethylphthalate  
Concen: 54.225 ng  
RT: 14.187 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion:163 Resp: 415627  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.6  
164 10.2 8.6 12.8





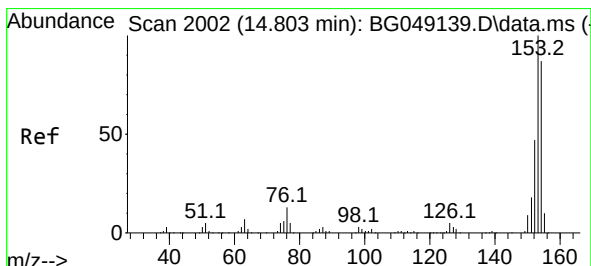
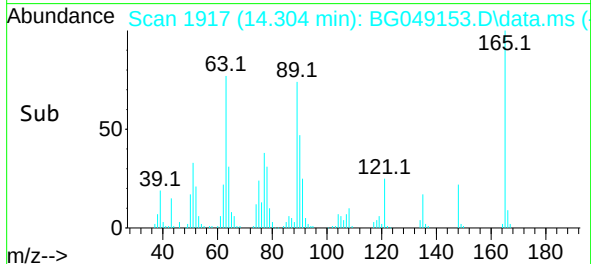
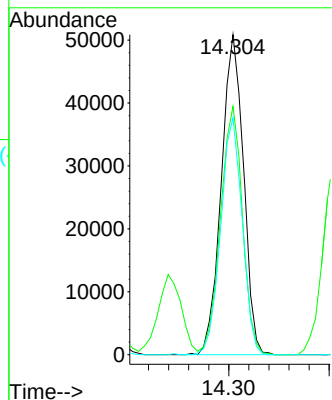
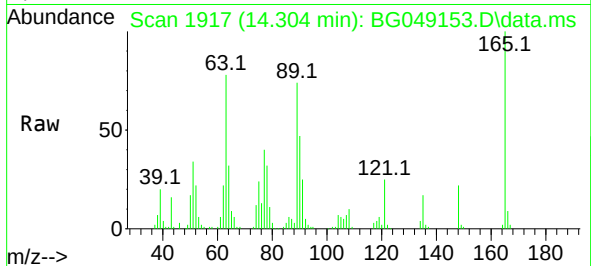
#51  
2,6-Dinitrotoluene  
Concen: 44.305 ng  
RT: 14.304 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:165 Resp: 77849  
Ion Ratio Lower Upper  
165 100  
63 77.6 63.3 94.9  
89 74.0 63.4 95.0

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

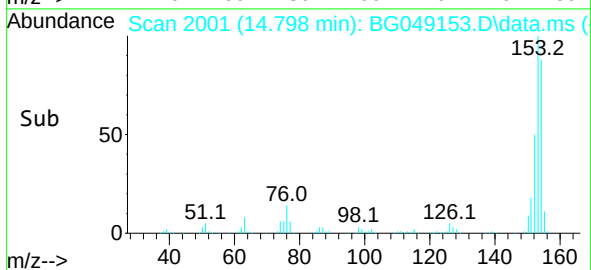
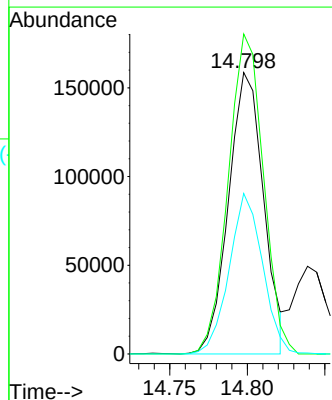
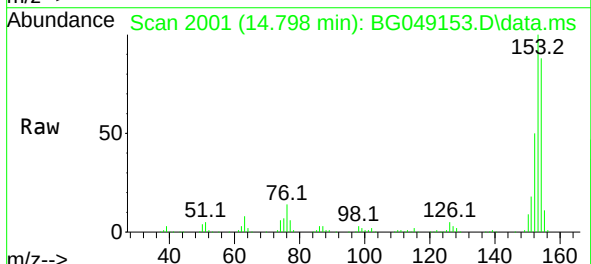
Manual Integrations  
APPROVED

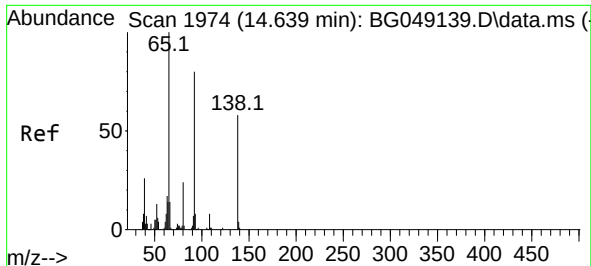
mohammad  
7/2/2021 12:01:30 PM



#52  
Acenaphthene  
Concen: 43.184 ng  
RT: 14.798 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:154 Resp: 249120  
Ion Ratio Lower Upper  
154 100  
153 113.7 87.0 130.4  
152 57.0 40.1 60.1





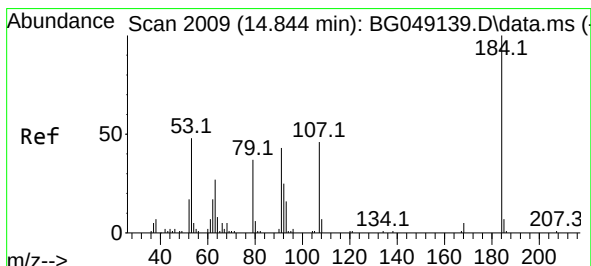
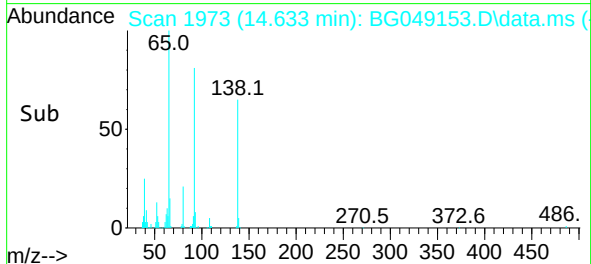
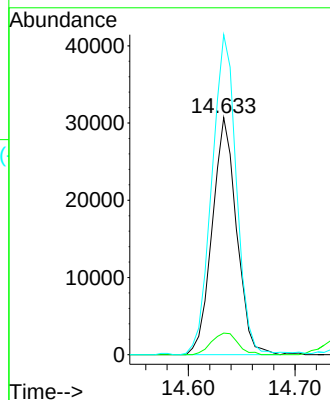
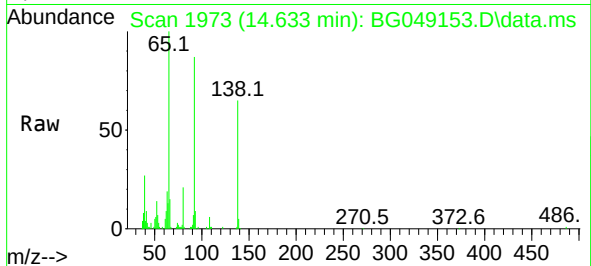
#53  
3-Nitroaniline  
Concen: 28.759 ng  
RT: 14.633 min Scan# 1973  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:138 Resp: 48540  
Ion Ratio Lower Upper  
138 100  
108 9.1 8.3 12.5  
92 135.0 96.4 144.6

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

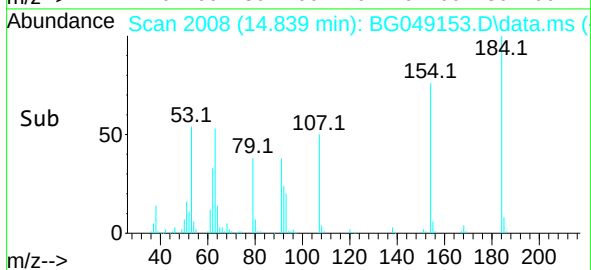
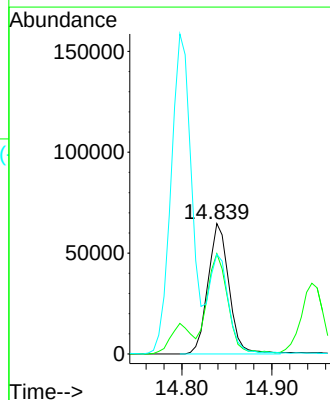
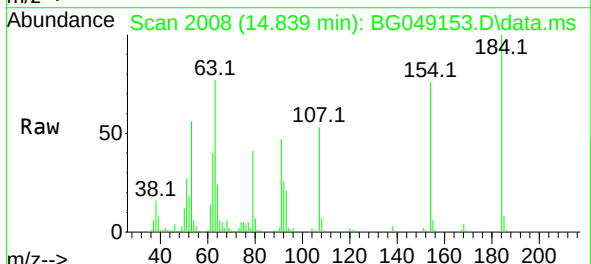
Manual Integrations  
APPROVED

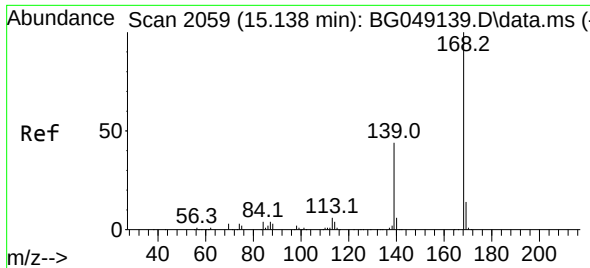
mohammad  
7/2/2021 12:01:30 PM



#54  
2,4-Dinitrophenol  
Concen: 86.569 ng  
RT: 14.839 min Scan# 2008  
Delta R.T. -0.005 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

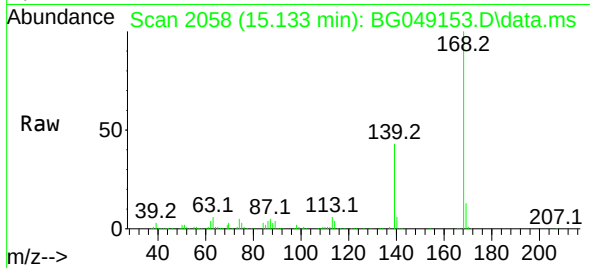
Tgt Ion:184 Resp: 104998  
Ion Ratio Lower Upper  
184 100  
63 77.0 68.3 102.5  
154 76.4 62.6 93.8





#55  
Dibenzenofuran  
Concen: 43.752 ng  
RT: 15.133 min Scan# 2058  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

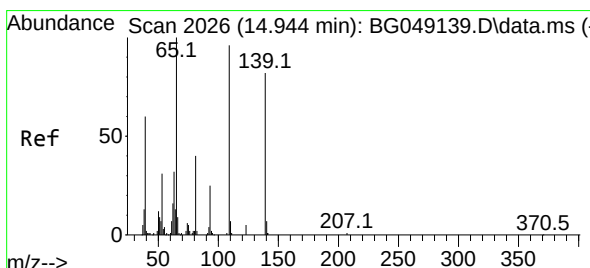
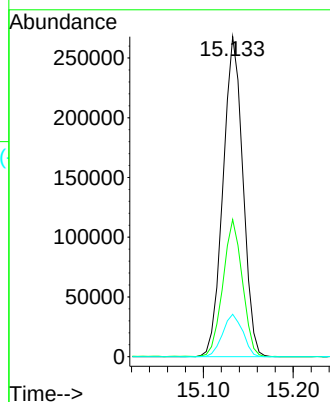
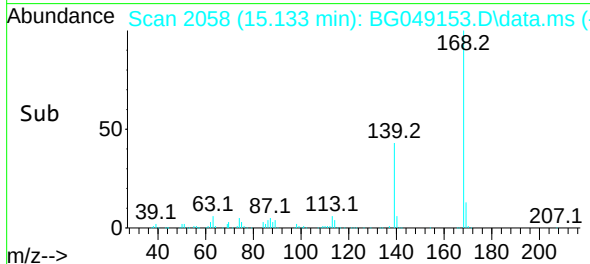
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



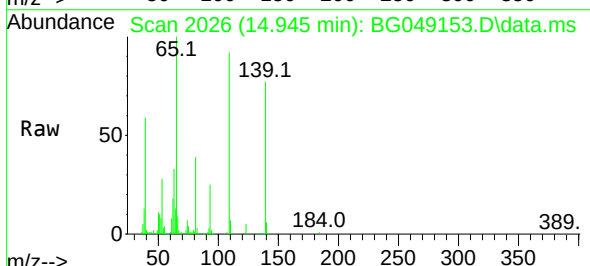
Tgt Ion:168 Resp: 410884  
Ion Ratio Lower Upper  
168 100  
139 42.8 33.4 50.2  
169 13.3 12.3 18.5

Manual Integrations  
APPROVED

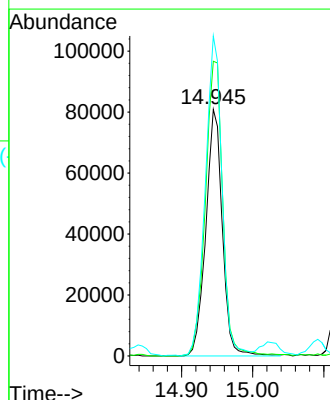
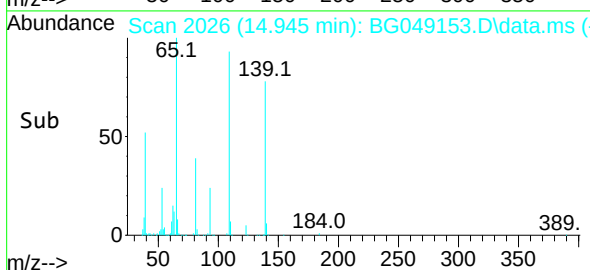
mohammad  
7/2/2021 12:01:30 PM

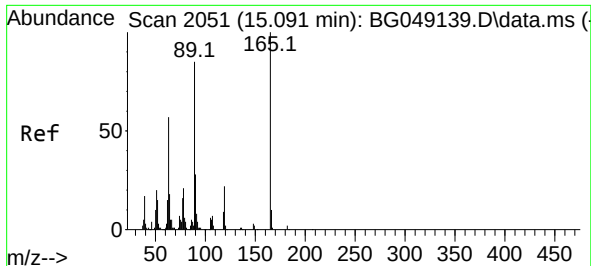


#56  
4-Nitrophenol  
Concen: 95.191 ng  
RT: 14.945 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



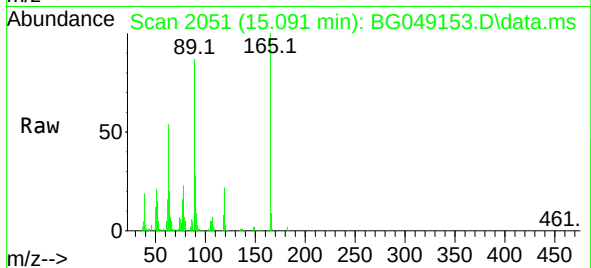
Tgt Ion:139 Resp: 130928  
Ion Ratio Lower Upper  
139 100  
109 119.5 116.3 156.3  
65 129.8 105.0 145.0





#57  
2,4-Dinitrotoluene  
Concen: 45.788 ng  
RT: 15.091 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

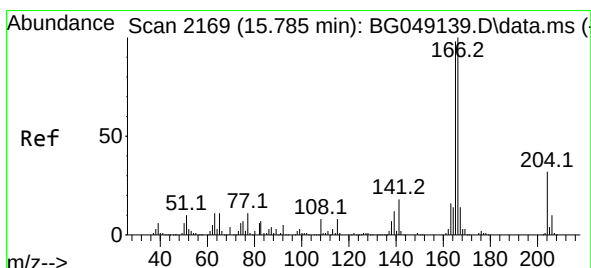
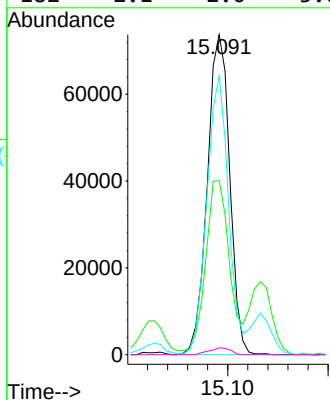
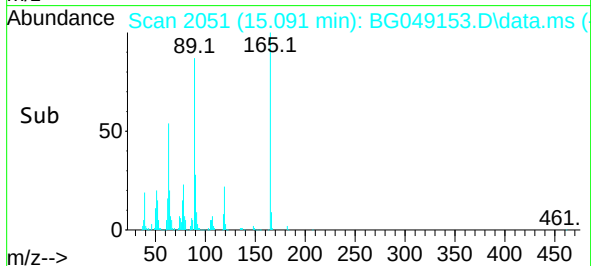
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



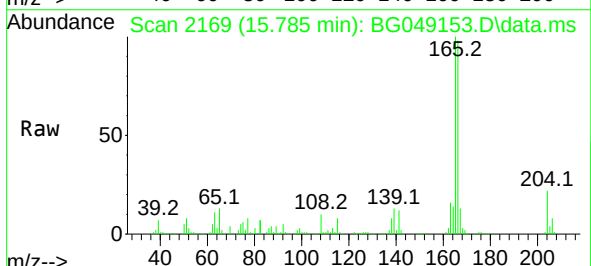
Tgt Ion:165 Resp: 114284  
Ion Ratio Lower Upper  
165 100  
63 54.4 48.0 72.0  
89 87.1 65.4 98.0  
182 2.1 2.0 3.0

Manual Integrations  
APPROVED

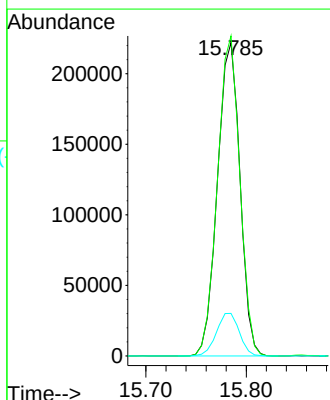
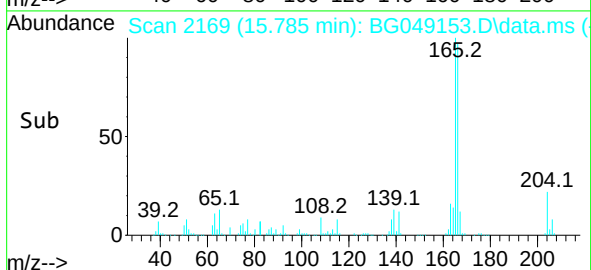
mohammad  
7/2/2021 12:01:30 PM



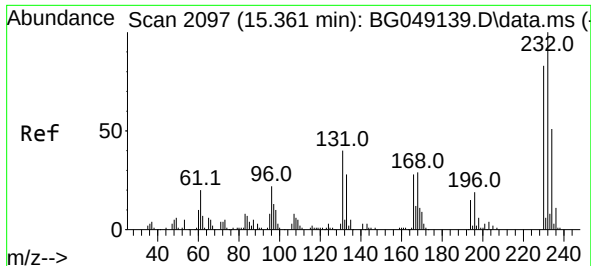
#58  
Fluorene  
Concen: 44.500 ng  
RT: 15.785 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion:166 Resp: 345639  
Ion Ratio Lower Upper  
166 100  
165 102.1 77.7 116.5  
167 13.6 10.8 16.2







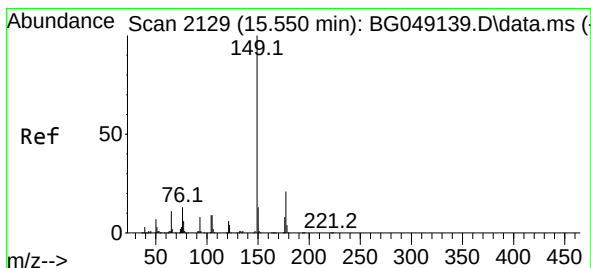
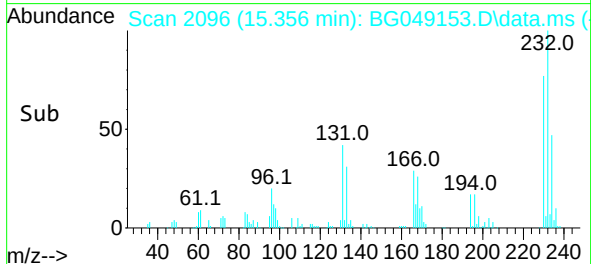
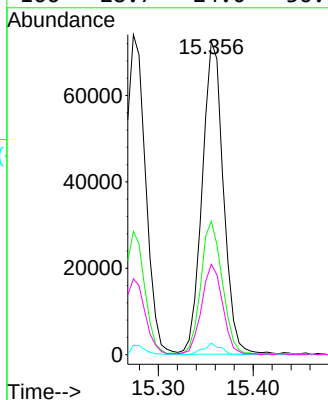
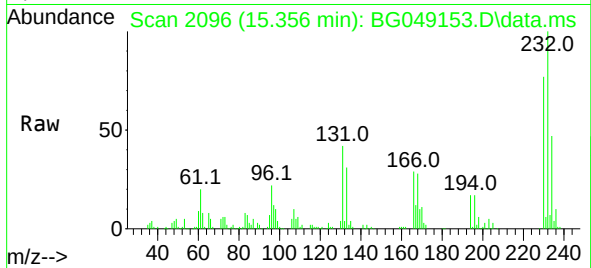
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.997 ng  
RT: 15.356 min Scan# 2096  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:232 Resp: 112416  
Ion Ratio Lower Upper  
232 100  
131 42.5 37.2 55.8  
130 3.0 2.8 4.2  
166 28.7 24.0 36.0

Instrument :  
BNA\_G  
ClientSampled :  
COMP-3MSD

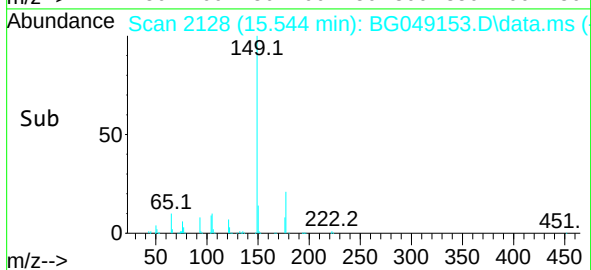
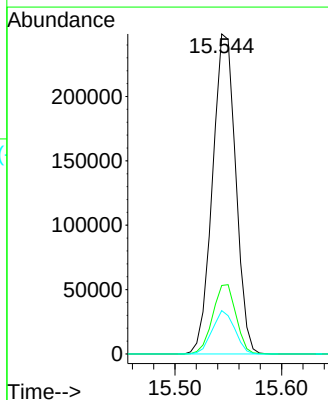
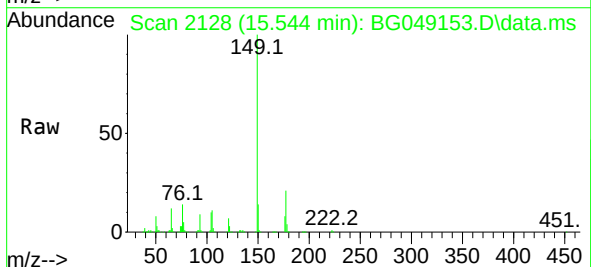
Manual Integrations  
APPROVED

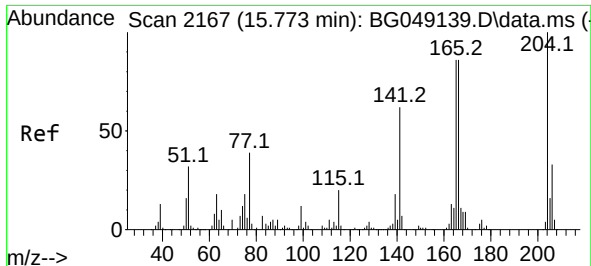
mohammad  
7/2/2021 12:01:30 PM



#60  
Diethylphthalate  
Concen: 46.219 ng  
RT: 15.544 min Scan# 2128  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

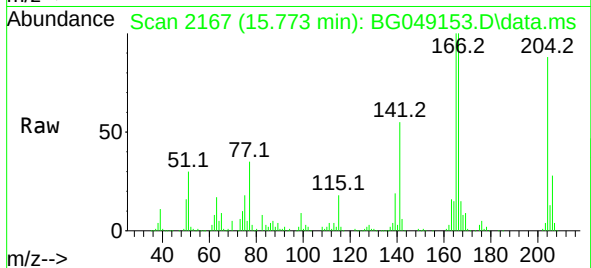
Tgt Ion:149 Resp: 375384  
Ion Ratio Lower Upper  
149 100  
177 21.4 19.0 28.6  
150 13.6 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 44.708 ng  
RT: 15.773 min Scan# 2167  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

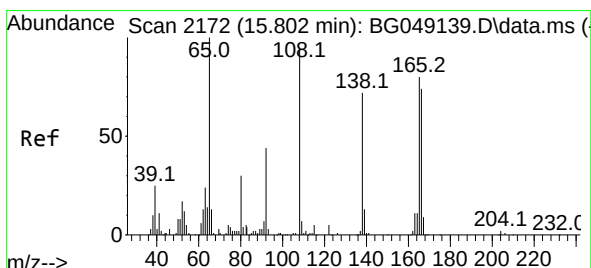
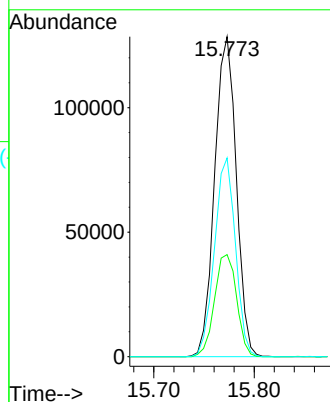
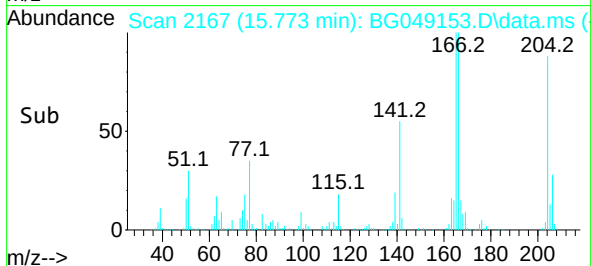
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



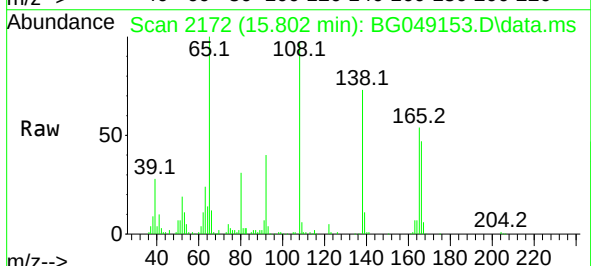
Tgt Ion:204 Resp: 192204  
Ion Ratio Lower Upper  
204 100  
206 31.9 24.6 37.0  
141 62.1 47.8 71.8

Manual Integrations  
APPROVED

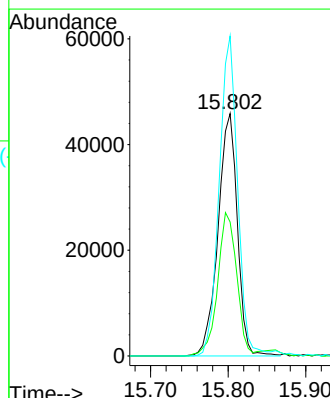
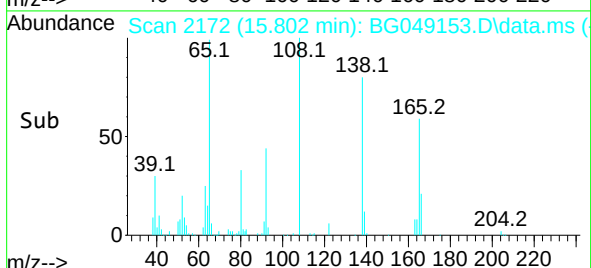
mohammad  
7/2/2021 12:01:30 PM

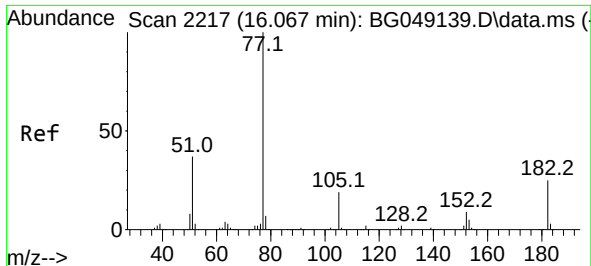


#62  
4-Nitroaniline  
Concen: 45.436 ng  
RT: 15.802 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

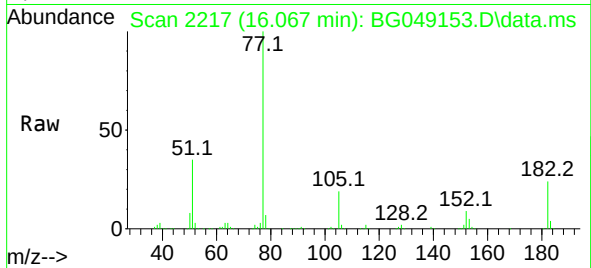


Tgt Ion:138 Resp: 79665  
Ion Ratio Lower Upper  
138 100  
92 55.3 32.3 72.3  
108 132.0 132.4 172.4#

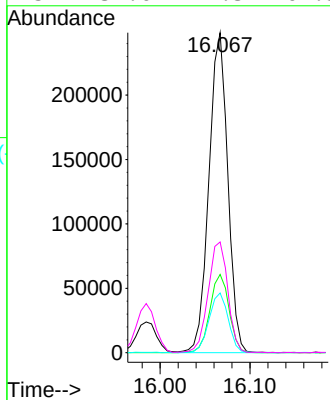
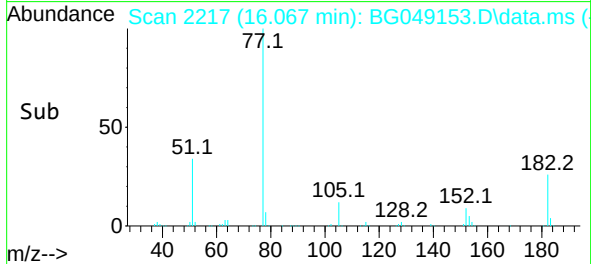




#63  
Azobenzene  
Concen: 44.222 ng  
RT: 16.067 min Scan# 2217  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



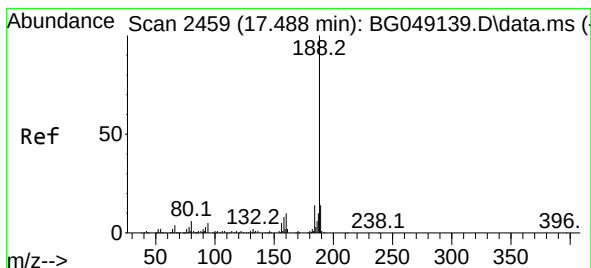
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.4  | 7.9   | 47.9  |
| 105     | 18.7  | 0.0   | 37.9  |
| 51      | 34.6  | 27.3  | 67.3  |



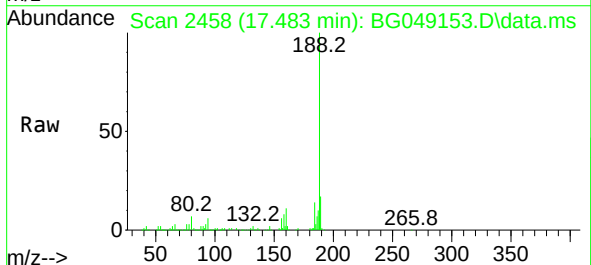
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

Manual Integrations  
APPROVED

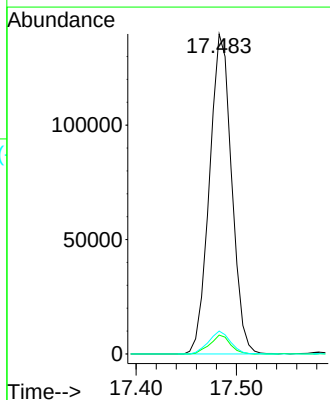
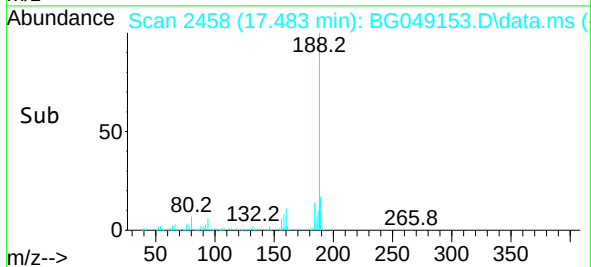
mohammad  
7/2/2021 12:01:30 PM

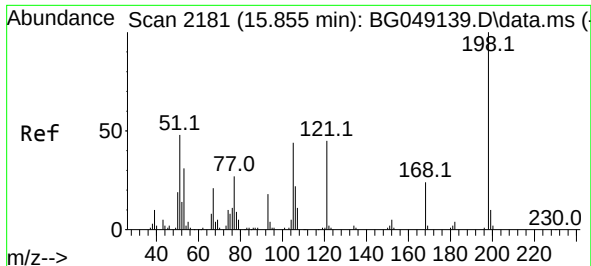


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.483 min Scan# 2458  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.9   | 5.4   | 8.0   |
| 80      | 7.2   | 3.7   | 5.5   |





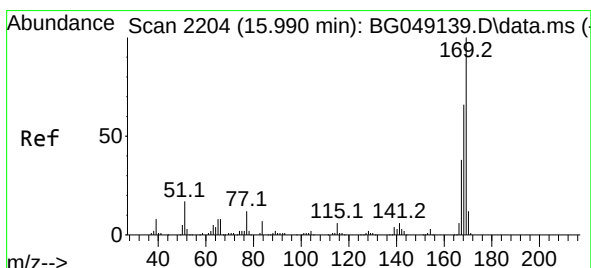
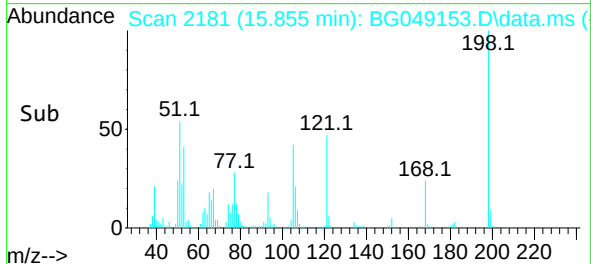
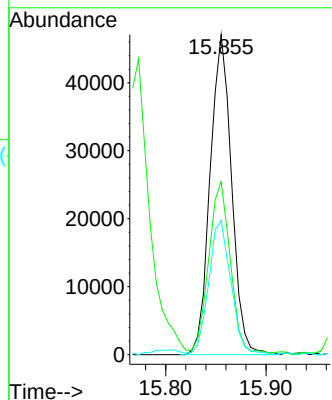
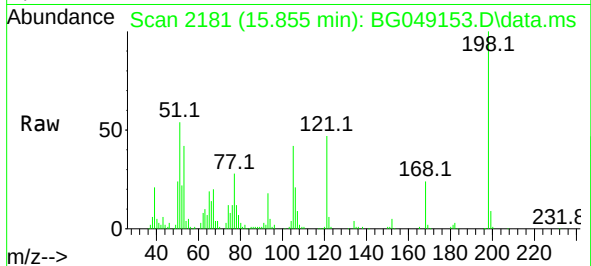
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.598 ng  
RT: 15.855 min Scan# 2181  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

Tgt Ion:198 Resp: 69903  
Ion Ratio Lower Upper  
198 100  
51 54.0 29.4 69.4  
105 42.0 15.1 55.1

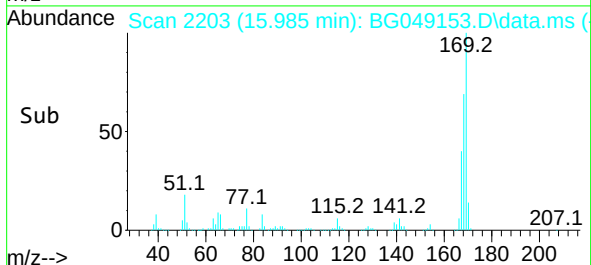
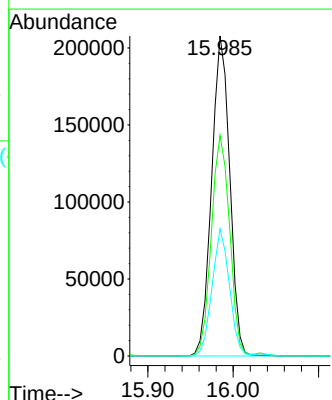
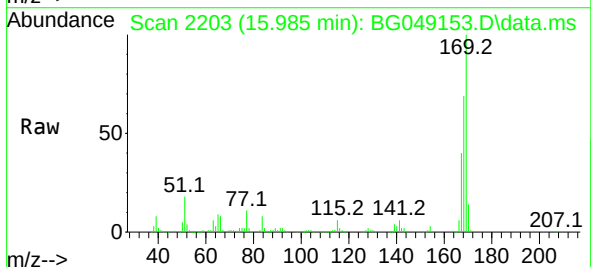
Manual Integrations  
APPROVED

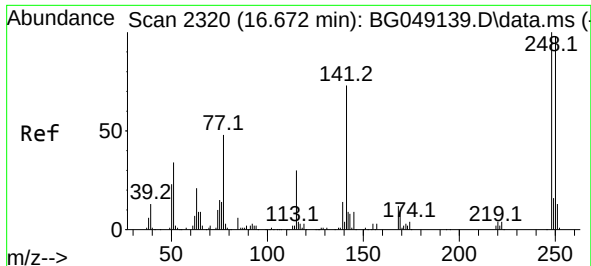
mohammad  
7/2/2021 12:01:30 PM



#66  
n-Nitrosodiphenylamine  
Concen: 45.678 ng  
RT: 15.985 min Scan# 2203  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

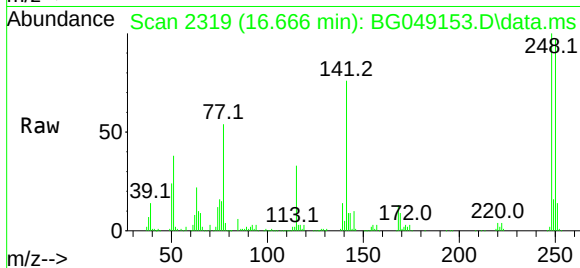
Tgt Ion:169 Resp: 306592  
Ion Ratio Lower Upper  
169 100  
168 68.9 56.3 84.5  
167 39.7 28.4 42.6





#67  
4-Bromophenyl-phenylether  
Concen: 45.965 ng  
RT: 16.666 min Scan# 2319  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

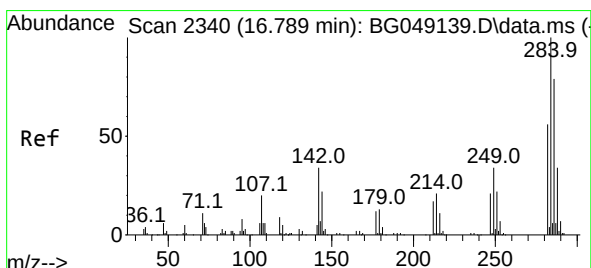
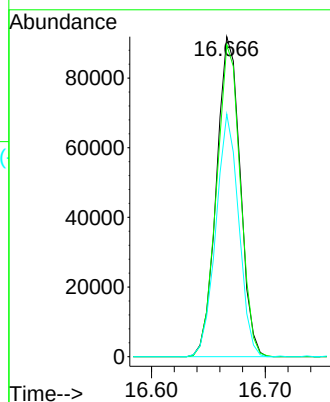
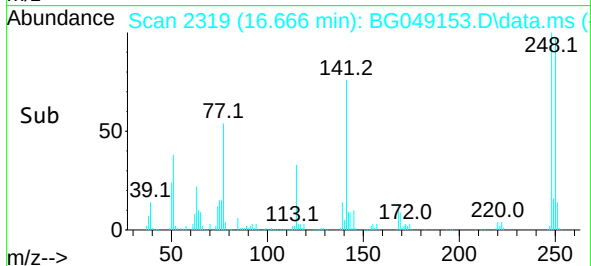
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



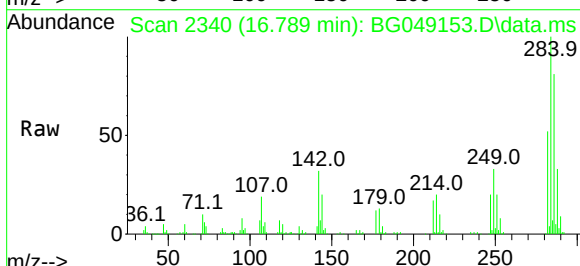
Tgt Ion:248 Resp: 133082  
Ion Ratio Lower Upper  
248 100  
250 97.4 76.1 114.1  
141 75.8 65.4 98.2

Manual Integrations  
APPROVED

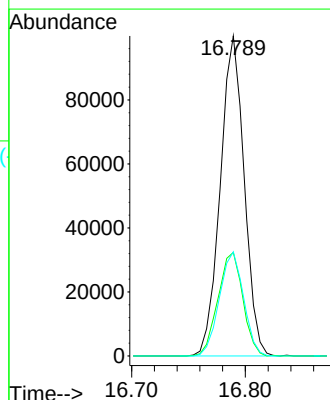
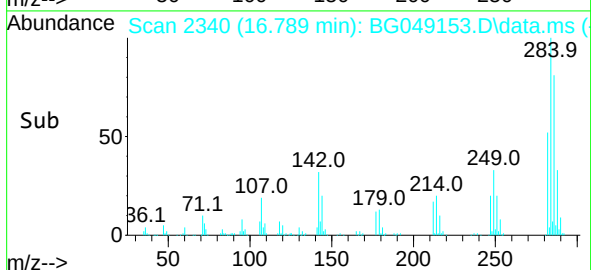
mohammad  
7/2/2021 12:01:30 PM

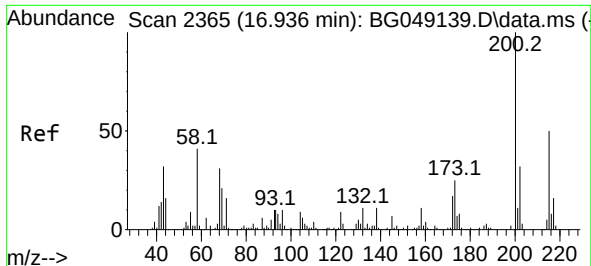


#68  
Hexachlorobenzene  
Concen: 45.588 ng  
RT: 16.789 min Scan# 2340  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



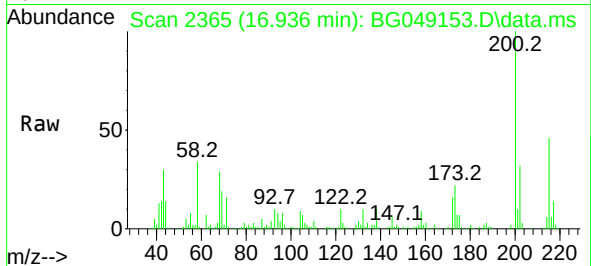
Tgt Ion:284 Resp: 145919  
Ion Ratio Lower Upper  
284 100  
142 32.3 27.0 40.6  
249 32.5 28.2 42.2





#69  
Atrazine  
Concen: 58.642 ng  
RT: 16.936 min Scan# 2365  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

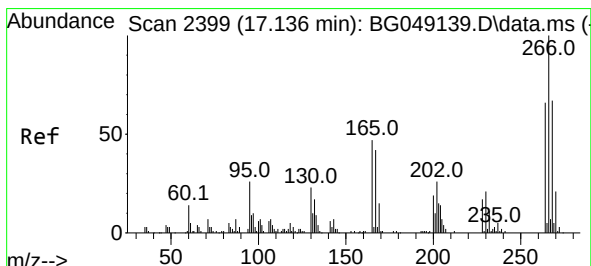
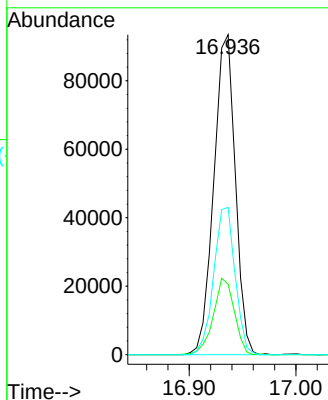
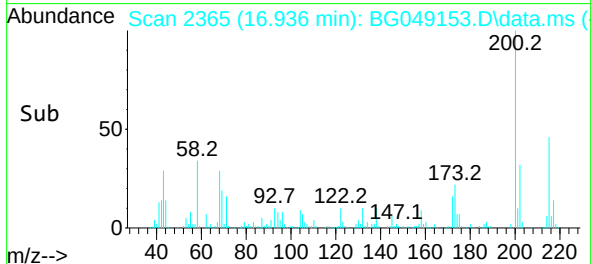
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



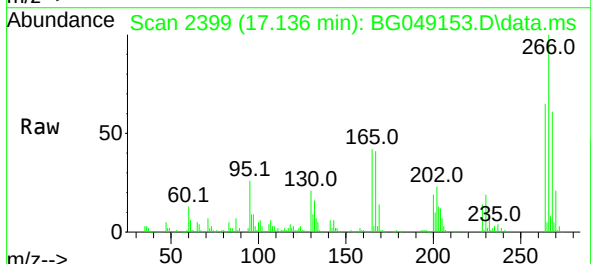
Tgt Ion:200 Resp: 130715  
Ion Ratio Lower Upper  
200 100  
173 22.1 3.7 43.7  
215 46.1 26.9 66.9

Manual Integrations  
APPROVED

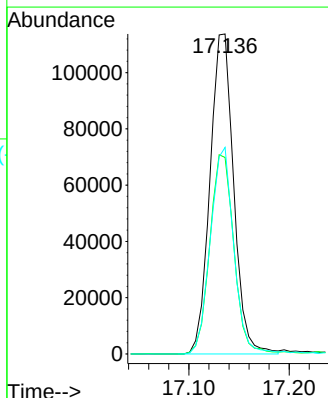
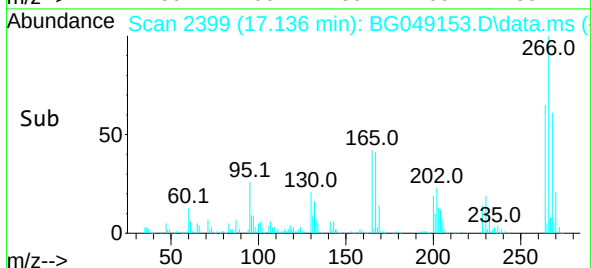
mohammad  
7/2/2021 12:01:30 PM

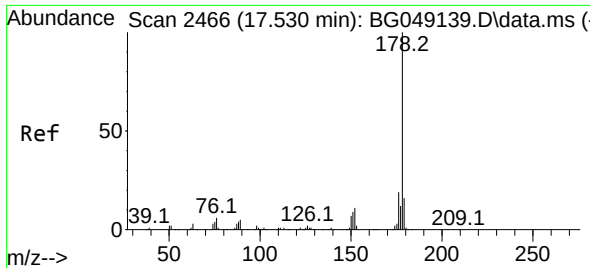


#70  
Pentachlorophenol  
Concen: 100.159 ng  
RT: 17.136 min Scan# 2399  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion:266 Resp: 186611  
Ion Ratio Lower Upper  
266 100  
268 61.4 49.0 73.4  
264 64.6 49.0 73.6





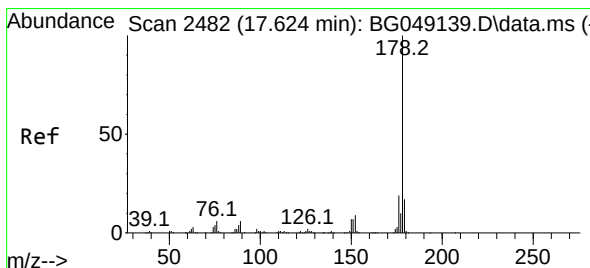
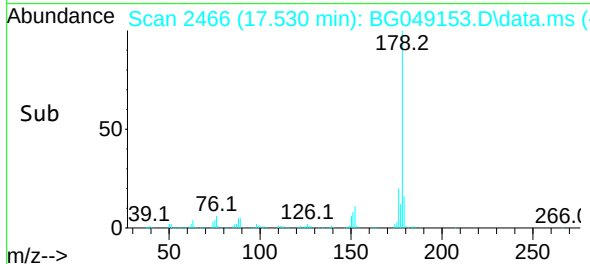
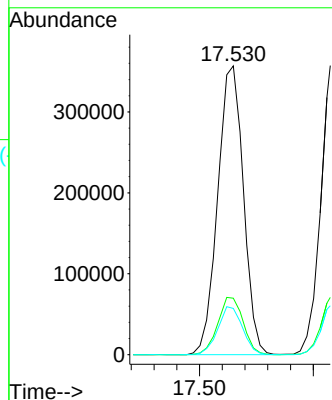
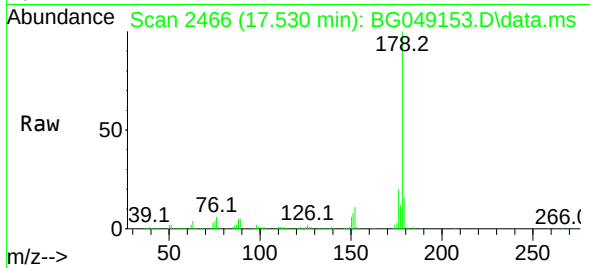
#71  
Phenanthrene  
Concen: 45.351 ng  
RT: 17.530 min Scan# 2466  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:178 Resp: 560456  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.0 24.0  
179 16.0 14.2 21.4

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

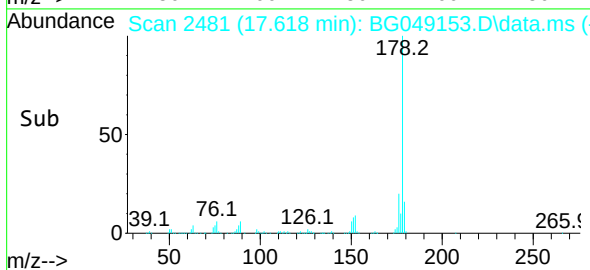
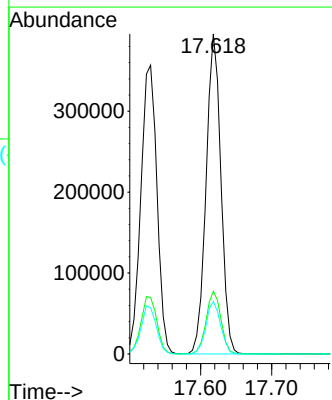
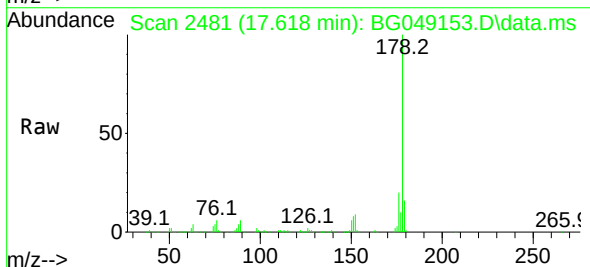
Manual Integrations  
APPROVED

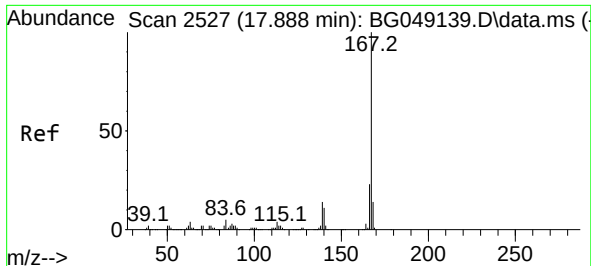
mohammad  
7/2/2021 12:01:30 PM



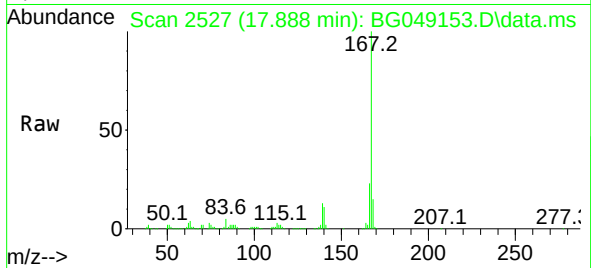
#72  
Anthracene  
Concen: 46.564 ng  
RT: 17.618 min Scan# 2481  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:178 Resp: 573654  
Ion Ratio Lower Upper  
178 100  
176 19.6 14.6 21.8  
179 16.4 13.4 20.0

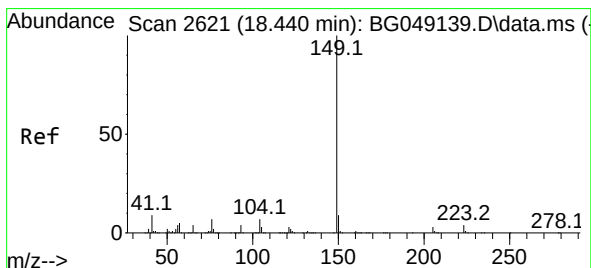
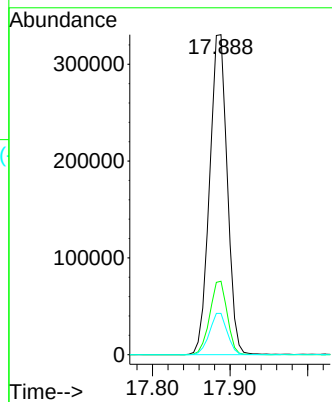
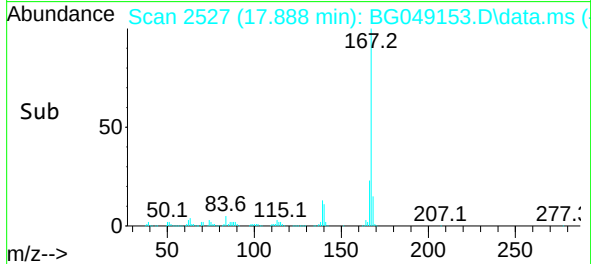




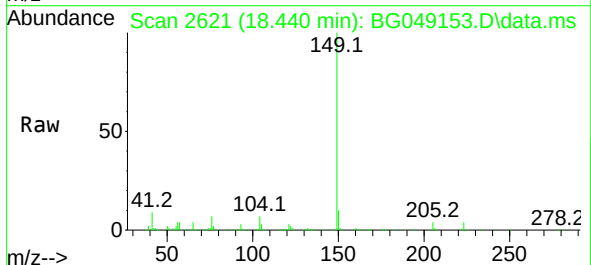
#73  
 Carbazole  
 Concen: 44.503 ng  
 RT: 17.888 min Scan# 2527  
 Delta R.T. 0.000 min  
 Lab File: BG049153.D  
 Acq: 1 Jul 2021 14:37



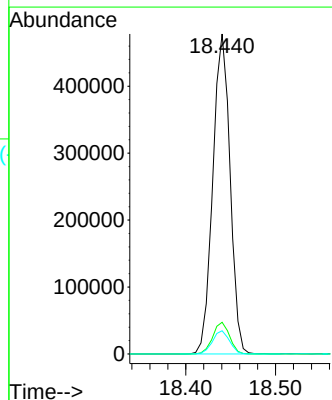
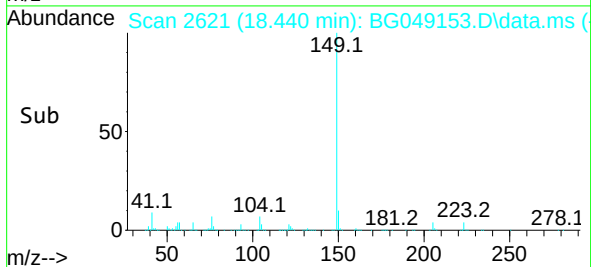
Tgt Ion:167 Resp: 522722  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 17.4 26.2  
 139 12.9 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 47.217 ng  
 RT: 18.440 min Scan# 2621  
 Delta R.T. 0.000 min  
 Lab File: BG049153.D  
 Acq: 1 Jul 2021 14:37



Tgt Ion:149 Resp: 637653  
 Ion Ratio Lower Upper  
 149 100  
 150 9.9 7.5 11.3  
 104 7.3 6.6 10.0

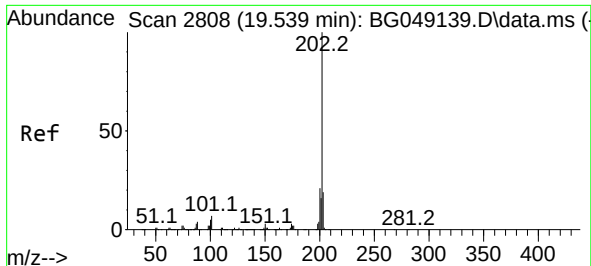


Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3MSD

Manual Integrations  
 APPROVED

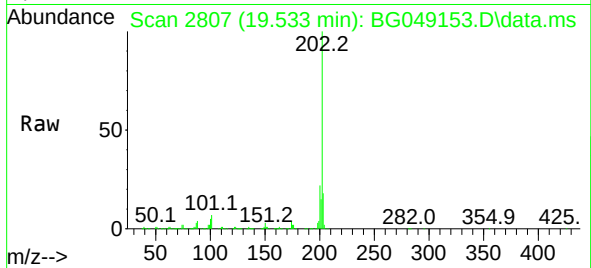
mohammad  
 7/2/2021 12:01:30 PM





#75  
Fluoranthene  
Concen: 45.534 ng  
RT: 19.533 min Scan# 2807  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

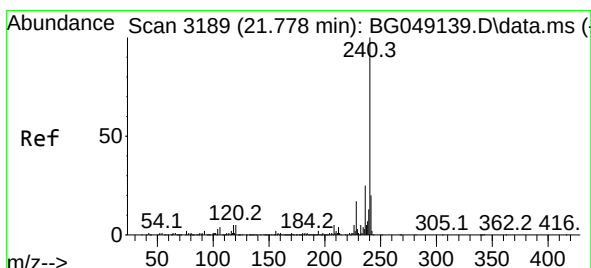
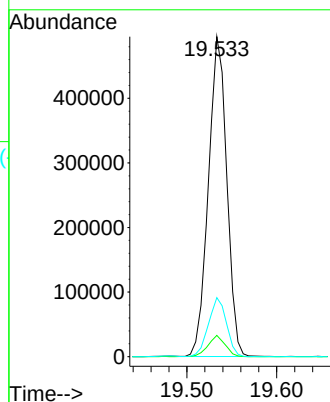
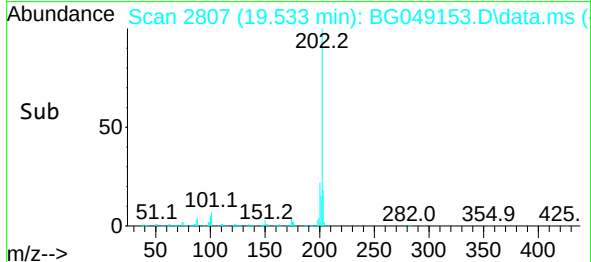
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



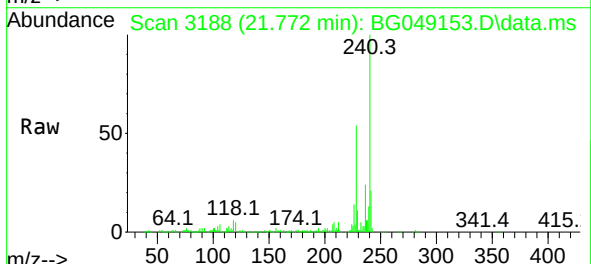
Tgt Ion:202 Resp: 704474  
Ion Ratio Lower Upper  
202 100  
101 6.6 0.0 24.7  
203 18.5 0.0 38.5

Manual Integrations  
APPROVED

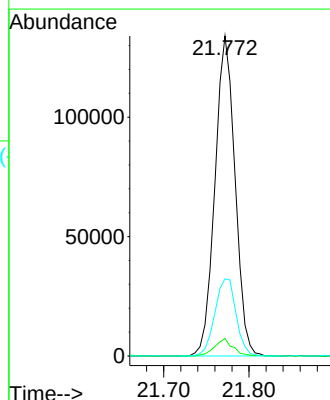
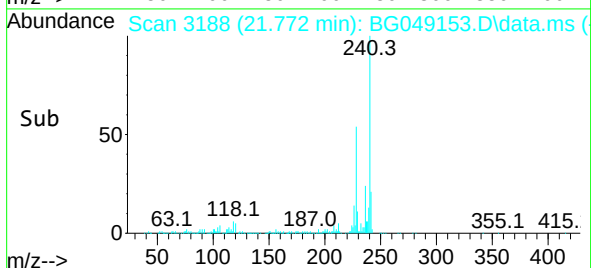
mohammad  
7/2/2021 12:01:30 PM

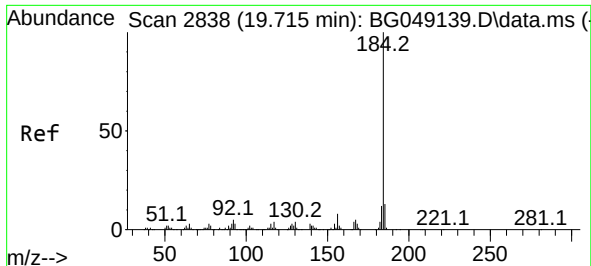


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.772 min Scan# 3188  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion:240 Resp: 219744  
Ion Ratio Lower Upper  
240 100  
120 5.5 4.2 6.2  
236 24.1 21.8 32.6





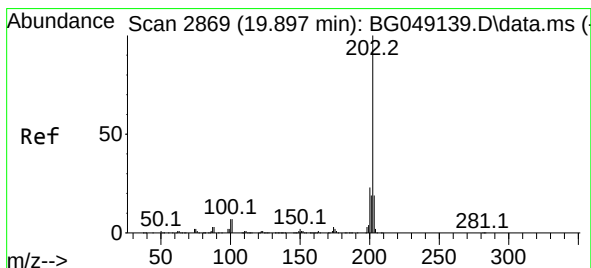
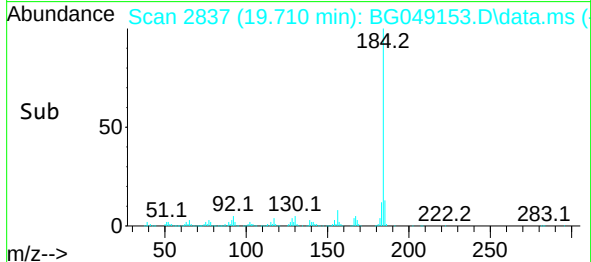
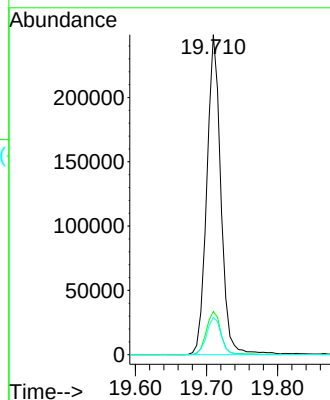
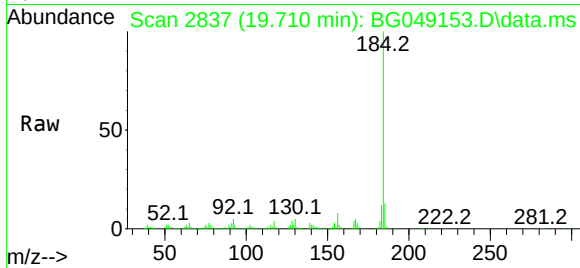
#77  
Benzidine  
Concen: 72.674 ng  
RT: 19.710 min Scan# 2837  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

Tgt Ion:184 Resp: 343023  
Ion Ratio Lower Upper  
184 100  
185 13.5 10.7 16.1  
183 11.6 9.4 14.0

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

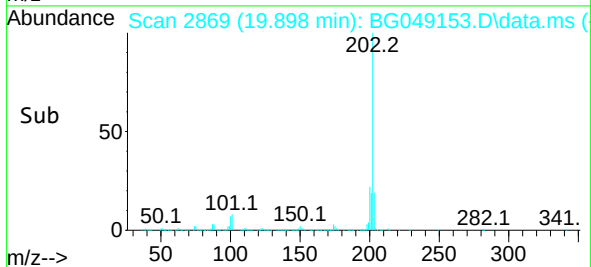
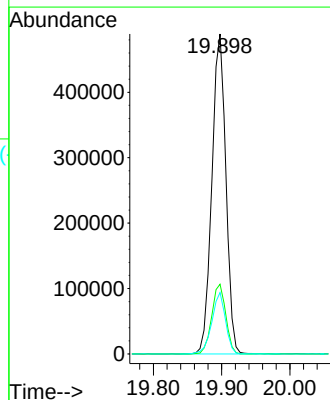
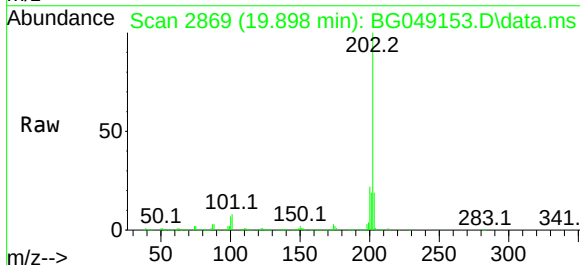
Manual Integrations  
APPROVED

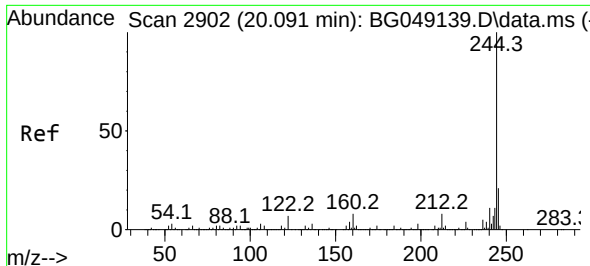
mohammad  
7/2/2021 12:01:30 PM



#78  
Pyrene  
Concen: 42.838 ng  
RT: 19.898 min Scan# 2869  
Delta R.T. 0.000 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

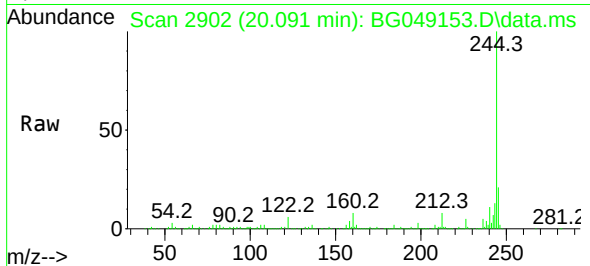
Tgt Ion:202 Resp: 699173  
Ion Ratio Lower Upper  
202 100  
200 21.8 15.8 23.8  
203 19.2 14.6 21.8





#79  
 Terphenyl-d14  
 Concen: 59.855 ng  
 RT: 20.091 min Scan# 2902  
 Delta R.T. 0.000 min  
 Lab File: BG049153.D  
 Acq: 1 Jul 2021 14:37

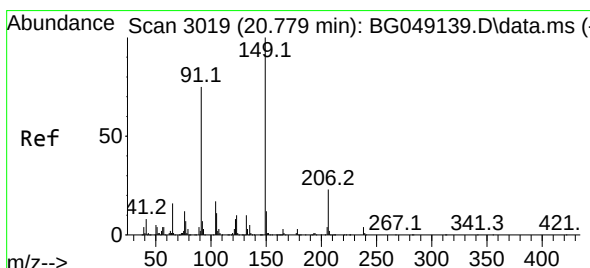
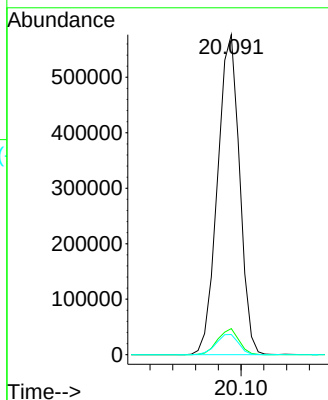
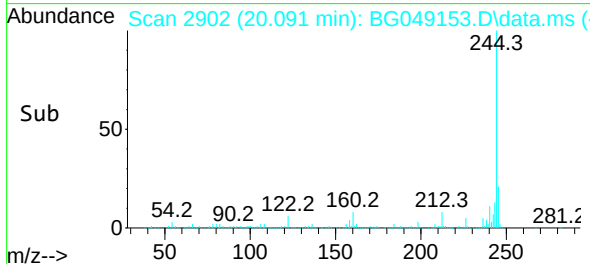
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3MSD



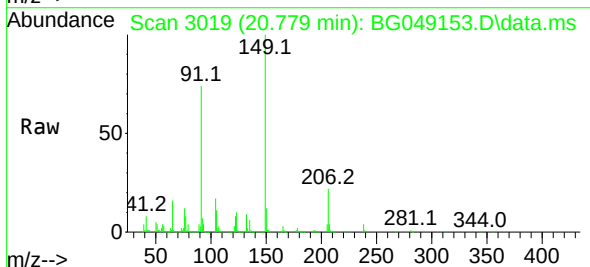
Tgt Ion:244 Resp: 776192  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.9 10.3  
 122 6.3 5.0 7.6

Manual Integrations  
 APPROVED

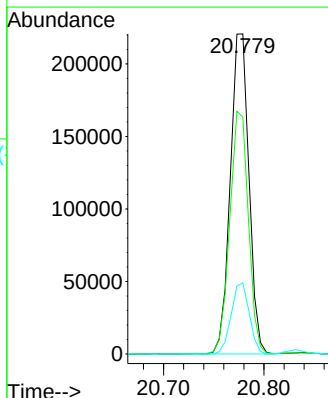
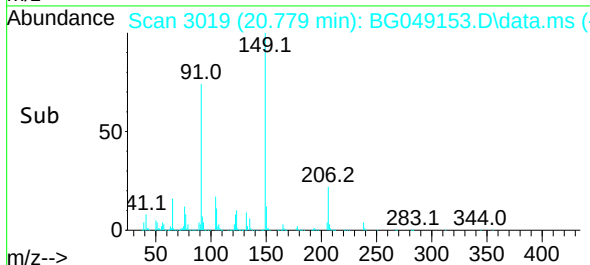
mohammad  
 7/2/2021 12:01:30 PM

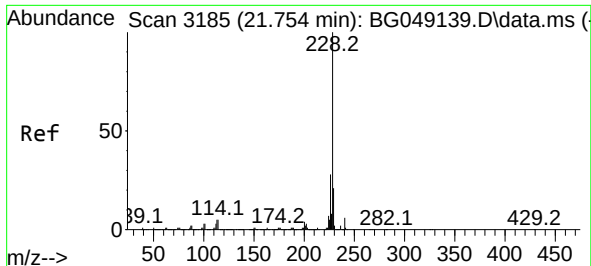


#80  
 Butylbenzylphthalate  
 Concen: 45.991 ng  
 RT: 20.779 min Scan# 3019  
 Delta R.T. 0.000 min  
 Lab File: BG049153.D  
 Acq: 1 Jul 2021 14:37



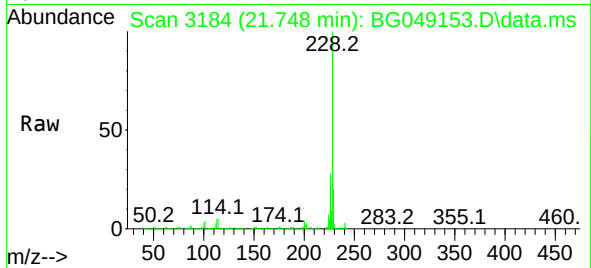
Tgt Ion:149 Resp: 284385  
 Ion Ratio Lower Upper  
 149 100  
 91 74.0 63.4 95.2  
 206 22.2 18.4 27.6





#81  
Benzo(a)anthracene  
Concen: 43.557 ng  
RT: 21.748 min Scan# 3184  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

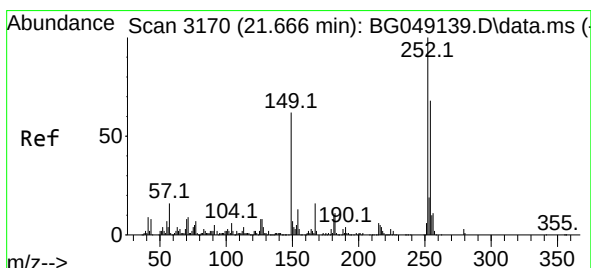
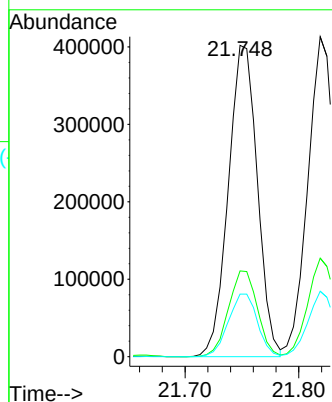
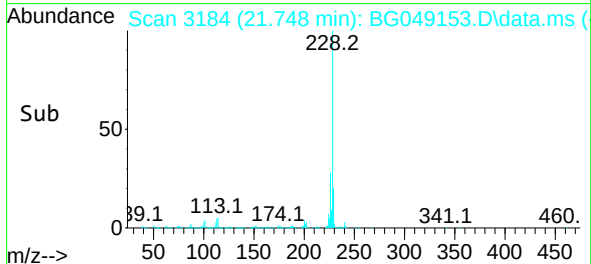
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



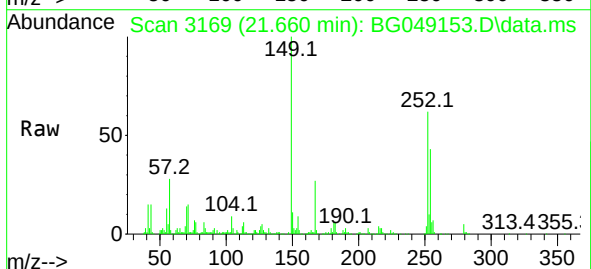
Tgt Ion:228 Resp: 713915  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.7 34.1  
229 20.1 16.0 24.0

Manual Integrations  
APPROVED

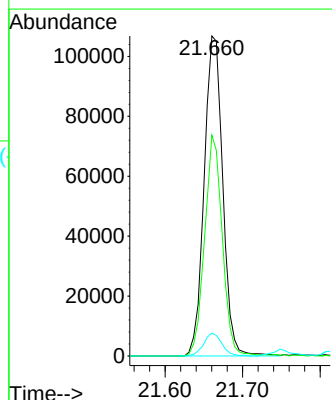
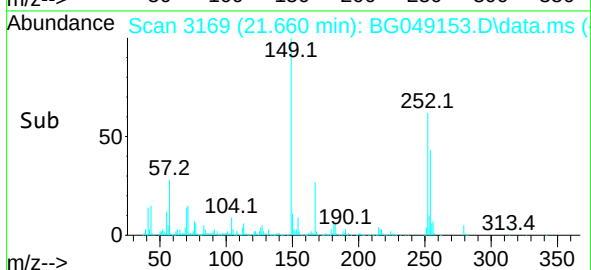
mohammad  
7/2/2021 12:01:30 PM

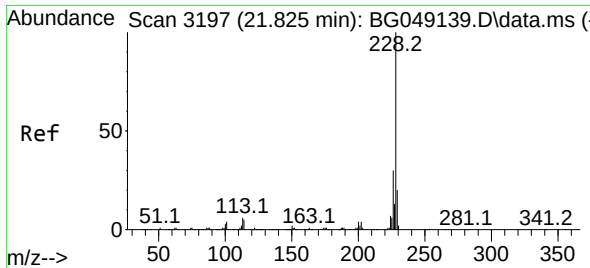


#82  
3,3'-Dichlorobenzidine  
Concen: 31.939 ng  
RT: 21.660 min Scan# 3169  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



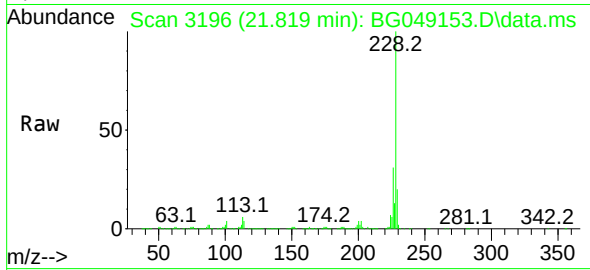
Tgt Ion:252 Resp: 178086  
Ion Ratio Lower Upper  
252 100  
254 69.0 52.4 78.6  
126 7.2 5.9 8.9



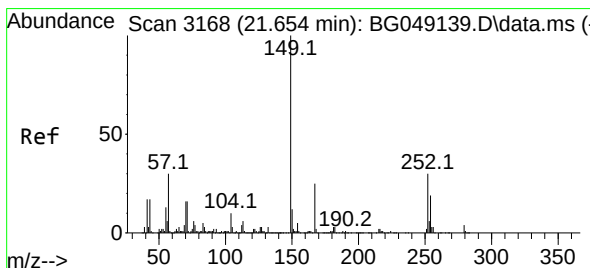
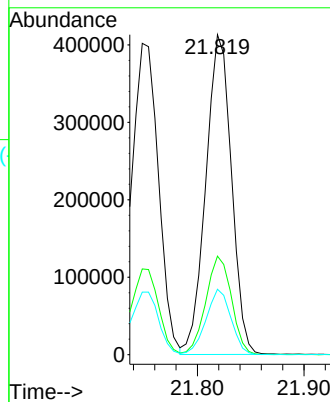
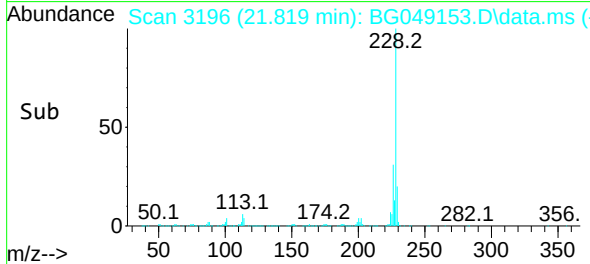


#83  
Chrysene  
Concen: 44.291 ng  
RT: 21.819 min Scan# 3196  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

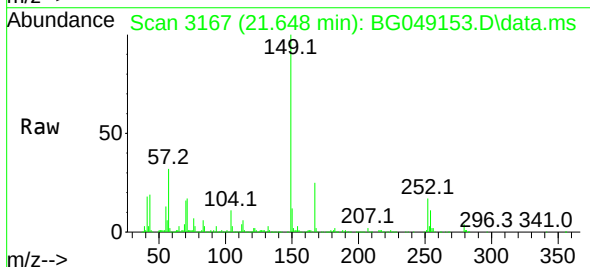
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



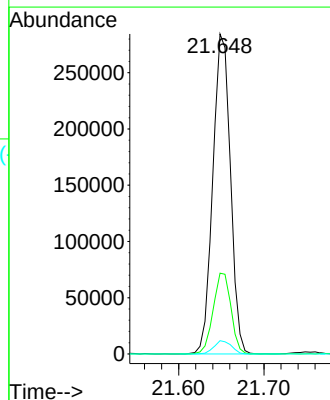
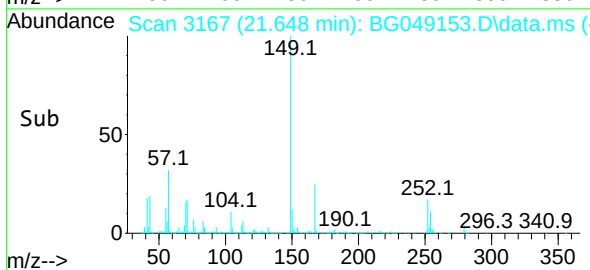
Tgt Ion:228 Resp: 689647  
Ion Ratio Lower Upper  
228 100  
226 30.8 23.1 34.7  
229 20.5 15.3 22.9

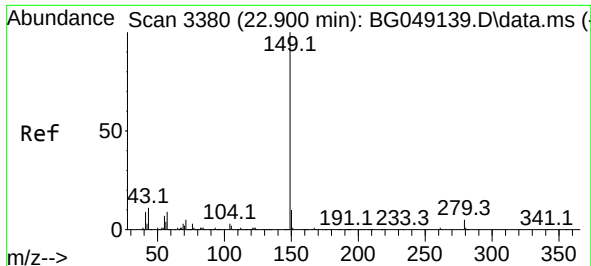


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.729 ng  
RT: 21.648 min Scan# 3167  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

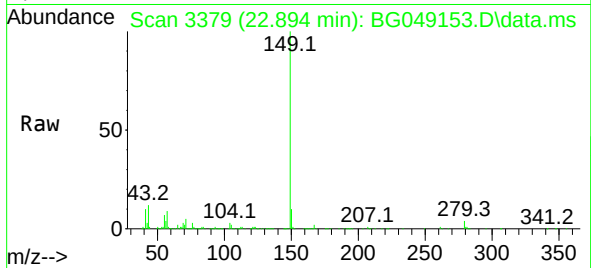


Tgt Ion:149 Resp: 408122  
Ion Ratio Lower Upper  
149 100  
167 25.2 22.3 33.5  
279 4.2 3.8 5.8

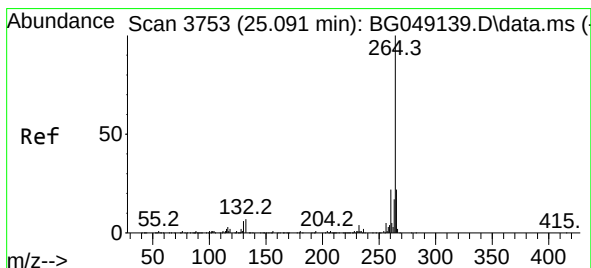
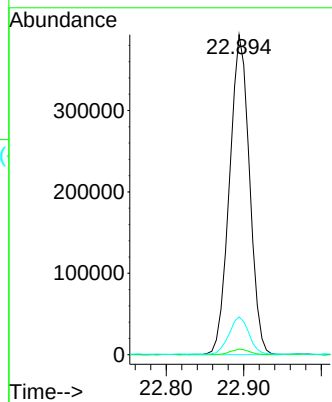
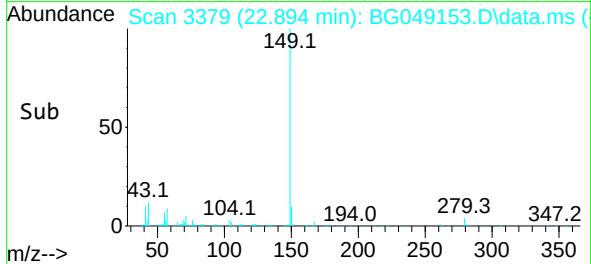




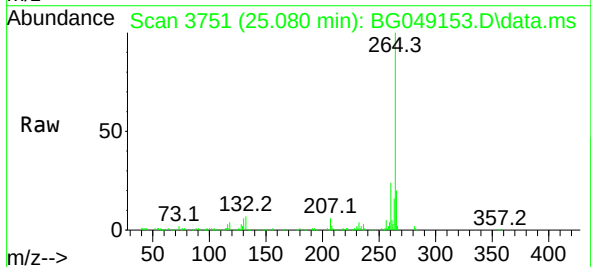
#85  
Di-n-octyl phthalate  
Concen: 47.899 ng  
RT: 22.894 min Scan# 3379  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



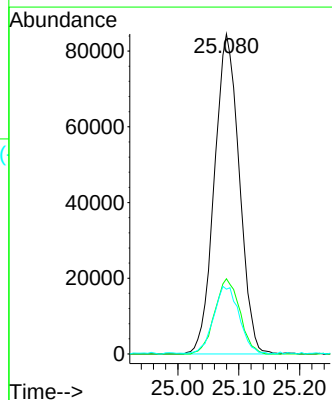
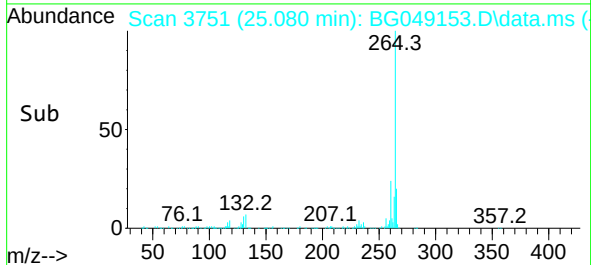
Tgt Ion:149 Resp: 704084  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 11.6 8.6 12.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.080 min Scan# 3751  
Delta R.T. -0.012 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



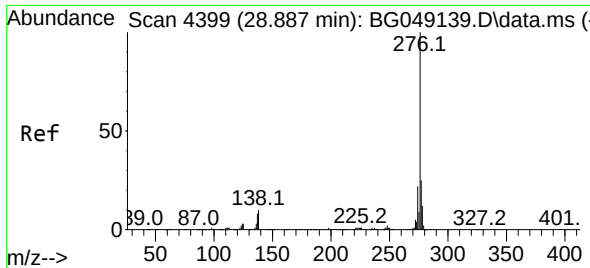
Tgt Ion:264 Resp: 239646  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.4 29.2  
265 20.3 16.9 25.3



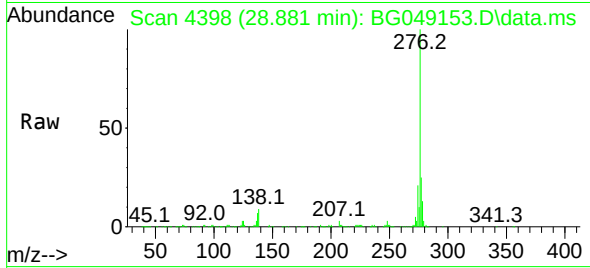
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD

Manual Integrations  
APPROVED

mohammad  
7/2/2021 12:01:30 PM



#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.332 ng  
 RT: 28.881 min Scan# 4398  
 Delta R.T. -0.006 min  
 Lab File: BG049153.D  
 Acq: 1 Jul 2021 14:37

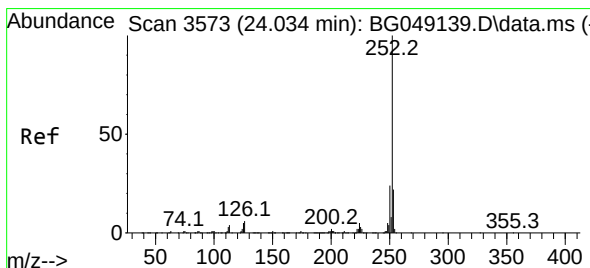
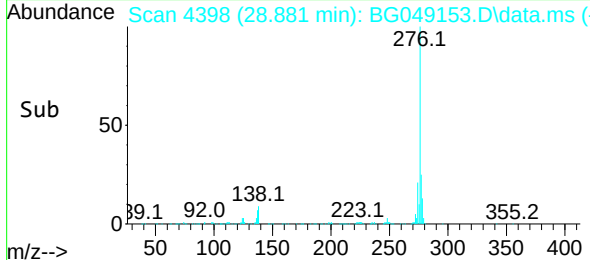
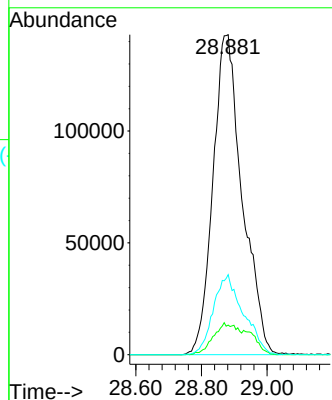


Tgt Ion:276 Resp: 885967  
 Ion Ratio Lower Upper  
 276 100  
 138 8.4 5.1 7.7#  
 277 25.6 19.8 29.6

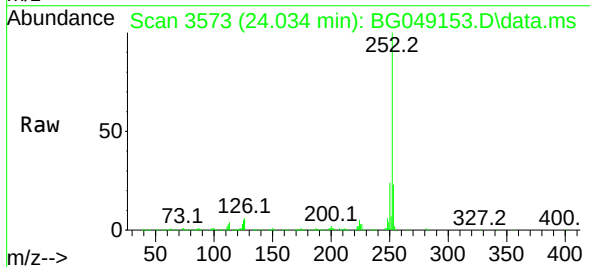
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3MSD

Manual Integrations  
 APPROVED

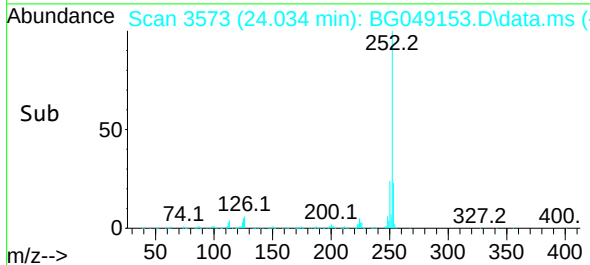
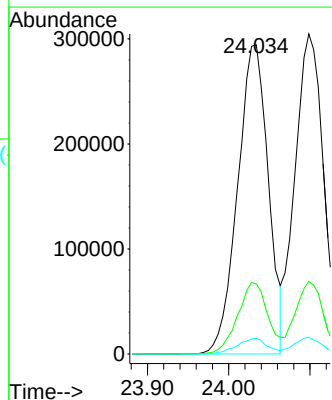
mohammad  
 7/2/2021 12:01:30 PM

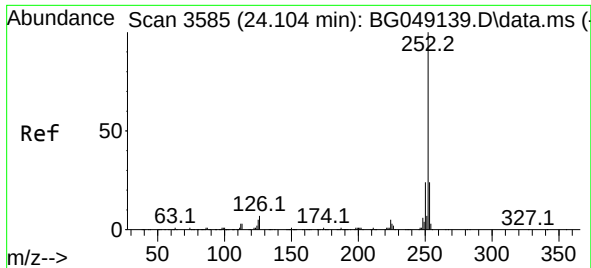


#88  
 Benzo(b)fluoranthene  
 Concen: 44.643 ng  
 RT: 24.034 min Scan# 3573  
 Delta R.T. 0.000 min  
 Lab File: BG049153.D  
 Acq: 1 Jul 2021 14:37



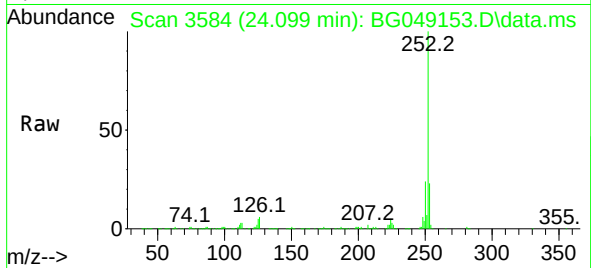
Tgt Ion:252 Resp: 772036  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 16.2 24.4  
 125 5.1 3.0 4.4#





#89  
Benzo(k)fluoranthene  
Concen: 44.806 ng  
RT: 24.099 min Scan# 3584  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

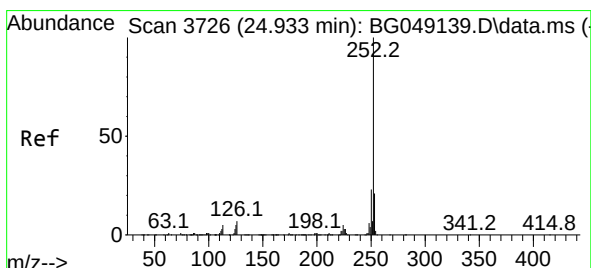
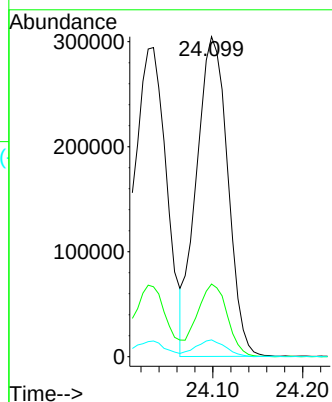
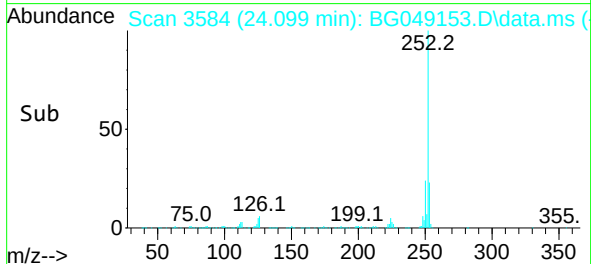
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



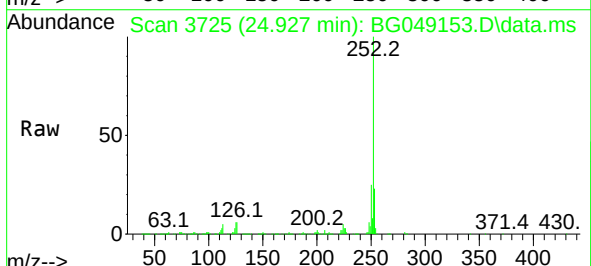
Tgt Ion:252 Resp: 739214  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.0 27.0  
125 5.3 3.1 4.7#

Manual Integrations  
APPROVED

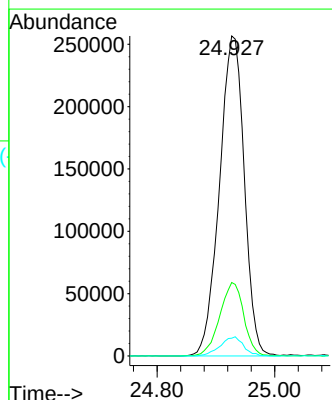
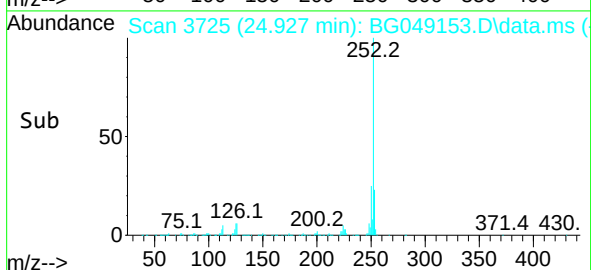
mohammad  
7/2/2021 12:01:30 PM



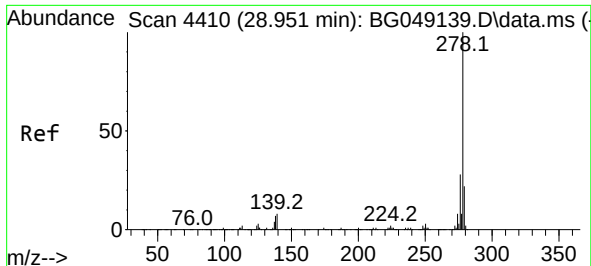
#90  
Benzo(a)pyrene  
Concen: 47.036 ng  
RT: 24.927 min Scan# 3725  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion:252 Resp: 750361  
Ion Ratio Lower Upper  
252 100  
253 22.9 16.6 25.0  
125 5.5 3.5 5.3#

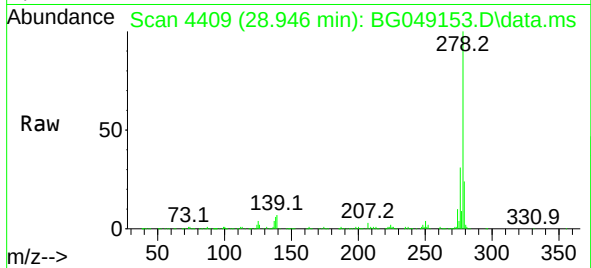






#91  
Dibenzo(a,h)anthracene  
Concen: 45.723 ng  
RT: 28.946 min Scan# 4409  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37

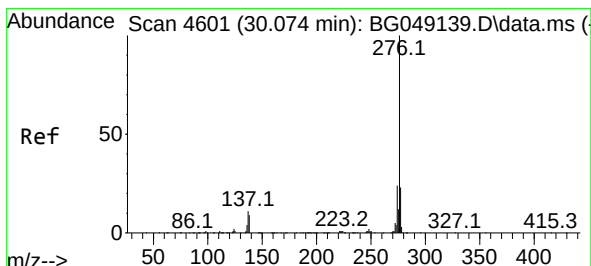
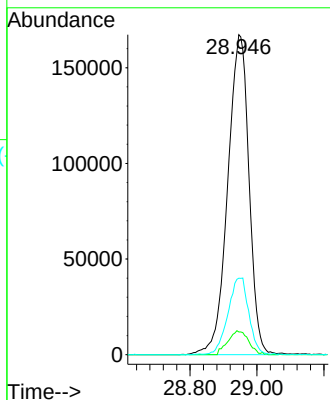
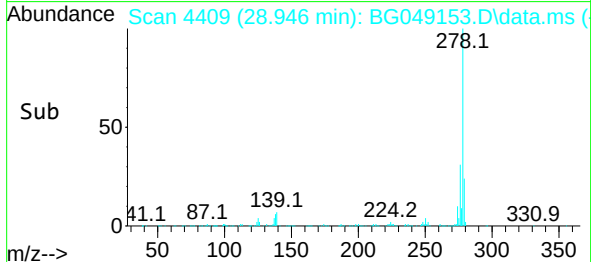
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3MSD



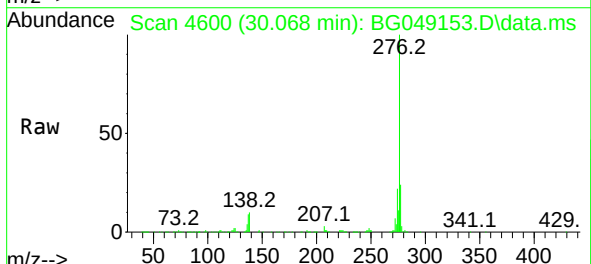
Tgt Ion:278 Resp: 737980  
Ion Ratio Lower Upper  
278 100  
139 7.1 4.6 6.8#  
279 23.9 17.9 26.9

Manual Integrations  
APPROVED

mohammad  
7/2/2021 12:01:30 PM



#92  
Benzo(g,h,i)perylene  
Concen: 46.262 ng  
RT: 30.068 min Scan# 4600  
Delta R.T. -0.006 min  
Lab File: BG049153.D  
Acq: 1 Jul 2021 14:37



Tgt Ion:276 Resp: 736024  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.4 27.6  
138 9.6 7.0 10.6

