

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082321\  
 Data File : BG049936.D  
 Acq On : 23 Aug 2021 16:49  
 Operator : CG/JU  
 Sample : M3463-05MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SWCS-20-0003MSD

Manual Integrations  
 APPROVED

mohammad  
 8/24/2021 11:19:04 AM

Quant Time: Aug 23 17:45:30 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 23 16:13:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.978  | 152  | 28846    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.804 | 136  | 121369   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.640 | 164  | 83039    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.395 | 188  | 172979   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.672 | 240  | 144290   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.908 | 264  | 143366   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 179826   | 111.751 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.156  | 99   | 249423   | 102.396 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.153  | 82   | 213123   | 77.705  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.138 | 330  | 108080   | 88.549  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.254 | 172  | 327250   | 57.343  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.003 | 244  | 384100   | 48.347  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.367  | 88   | 22983    | 32.684  | ng    | 90       |
| 3) Pyridine                   | 3.784  | 79   | 54421    | 28.233  | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.702  | 42   | 42204    | 40.719  | ng    | # 74     |
| 6) Aniline                    | 7.303  | 93   | 97842    | 37.900  | ng    | # 92     |
| 8) 2-Chlorophenol             | 7.550  | 128  | 88883    | 50.662  | ng    | 97       |
| 9) Benzaldehyde               | 7.115  | 77   | 60227    | 37.055  | ng    | # 86     |
| 10) Phenol                    | 7.185  | 94   | 113849   | 48.237  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.391  | 93   | 73731    | 46.267  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.867  | 146  | 91064    | 45.321  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.014  | 146  | 94382    | 46.405  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.337  | 146  | 87804    | 45.570  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.225  | 79   | 97203    | 47.516  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.507  | 45   | 80746    | 44.593  | ng    | 99       |
| 17) 2-Methylphenol            | 8.442  | 107  | 78097    | 50.248  | ng    | 95       |
| 18) Hexachloroethane          | 9.065  | 117  | 36657    | 46.884  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.789  | 70   | 66830    | 40.999  | ng    | 91       |
| 20) 3+4-Methylphenols         | 8.771  | 107  | 109930   | 50.362  | ng    | 98       |
| 22) Acetophenone              | 8.813  | 105  | 137952   | 41.837  | ng    | # 94     |
| 24) Nitrobenzene              | 9.194  | 77   | 113390   | 39.179  | ng    | 93       |
| 25) Isophorone                | 9.717  | 82   | 186410   | 38.088  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.911  | 139  | 48740    | 44.129  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.976  | 122  | 84468    | 51.743  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.199 | 93   | 101500   | 47.409  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.457 | 162  | 91498    | 45.675  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.663 | 180  | 95465    | 43.281  | ng    | 98       |
| 31) Naphthalene               | 10.851 | 128  | 270342   | 42.531  | ng    | 99       |
| 32) Benzoic acid              | 10.152 | 122  | 46849    | 41.399  | ng    | 82       |
| 33) 4-Chloroaniline           | 10.963 | 127  | 61687    | 24.582  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.127 | 225  | 67182    | 41.913  | ng    | 95       |
| 35) Caprolactam               | 11.756 | 113  | 28809m   | 46.545  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.108 | 107  | 105241   | 45.481  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.461 | 142  | 203685   | 42.538  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.684 | 142  | 188068   | 41.791  | ng    | 92       |
| 40) 1,2,4,5-Tetrachloroben... | 12.836 | 216  | 114668   | 46.866  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.807 | 237  | 92391    | 70.586  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.077 | 196  | 77350    | 46.893  | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082321\  
 Data File : BG049936.D  
 Acq On : 23 Aug 2021 16:49  
 Operator : CG/JU  
 Sample : M3463-05MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SWCS-20-0003MSD

Manual Integrations  
 APPROVED

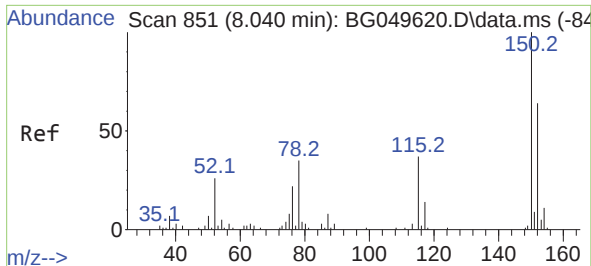
mohammad  
 8/24/2021 11:19:04 AM

Quant Time: Aug 23 17:45:30 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 23 16:13:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.160 | 196  | 82074    | 45.864 | ng    | 92       |
| 46) 1,1'-Biphenyl             | 13.471 | 154  | 256060   | 43.295 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.518 | 162  | 209108   | 44.267 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.724 | 65   | 74911    | 43.188 | ng    | 91       |
| 49) Acenaphthylene            | 14.364 | 152  | 326329   | 43.586 | ng    | 97       |
| 50) Dimethylphthalate         | 14.094 | 163  | 277081   | 44.226 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.217 | 165  | 57360    | 41.582 | ng    | 95       |
| 52) Acenaphthene              | 14.705 | 154  | 189854   | 42.095 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.552 | 138  | 45046    | 33.486 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.769 | 184  | 75847    | 96.852 | ng    | 96       |
| 55) Dibenzofuran              | 15.039 | 168  | 307556   | 42.035 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.887 | 139  | 86525    | 88.042 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.016 | 165  | 84100    | 43.408 | ng #  | 91       |
| 58) Fluorene                  | 15.691 | 166  | 254168   | 42.739 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.274 | 232  | 71956    | 43.294 | ng #  | 99       |
| 60) Diethylphthalate          | 15.451 | 149  | 270737   | 42.966 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.680 | 204  | 139117   | 43.829 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.721 | 138  | 59115    | 42.721 | ng    | 94       |
| 63) Azobenzene                | 15.973 | 77   | 258113   | 38.701 | ng    | 89       |
| 65) 4,6-Dinitro-2-methylph... | 15.785 | 198  | 46343    | 41.680 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.897 | 169  | 220385   | 45.090 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 16.573 | 248  | 92723    | 45.514 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.702 | 284  | 101017   | 44.631 | ng    | 96       |
| 69) Atrazine                  | 16.849 | 200  | 94642    | 48.407 | ng    | 97       |
| 70) Pentachlorophenol         | 17.054 | 266  | 91890    | 75.713 | ng    | 94       |
| 71) Phenanthrene              | 17.436 | 178  | 397798   | 43.711 | ng    | 96       |
| 72) Anthracene                | 17.530 | 178  | 401357   | 44.906 | ng    | 98       |
| 73) Carbazole                 | 17.800 | 167  | 363819   | 42.979 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.347 | 149  | 428410   | 43.415 | ng    | 98       |
| 75) Fluoranthene              | 19.451 | 202  | 452996   | 40.450 | ng    | 98       |
| 77) Benzidine                 | 19.627 | 184  | 152524   | 41.256 | ng    | 99       |
| 78) Pyrene                    | 19.815 | 202  | 441763   | 44.909 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.685 | 149  | 168222   | 44.903 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.654 | 228  | 397576   | 42.310 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.560 | 252  | 110401   | 40.239 | ng    | 100      |
| 83) Chrysene                  | 21.719 | 228  | 383478   | 42.692 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 226695   | 42.748 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.752 | 149  | 375535   | 41.919 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.633 | 276  | 471762   | 45.628 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.880 | 252  | 416319   | 44.277 | ng    | 94       |
| 89) Benzo(k)fluoranthene      | 23.945 | 252  | 382284   | 43.587 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.756 | 252  | 392445   | 46.119 | ng #  | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.680 | 278  | 406966   | 46.710 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.796 | 276  | 394769   | 46.249 | ng    | 100      |

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





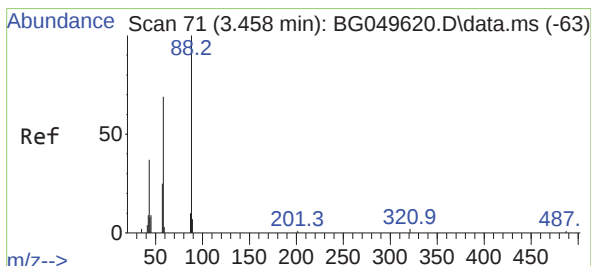
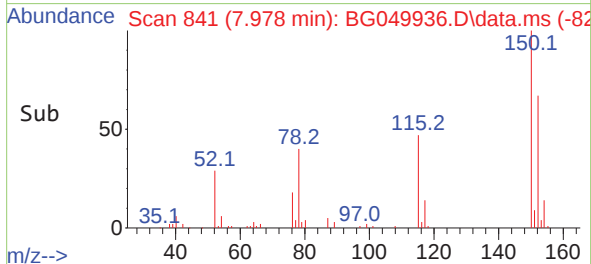
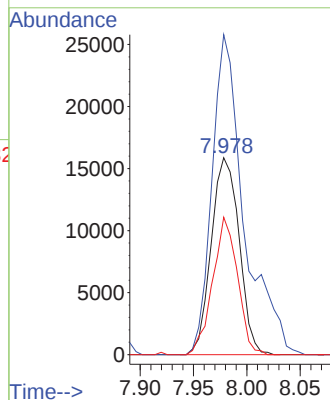
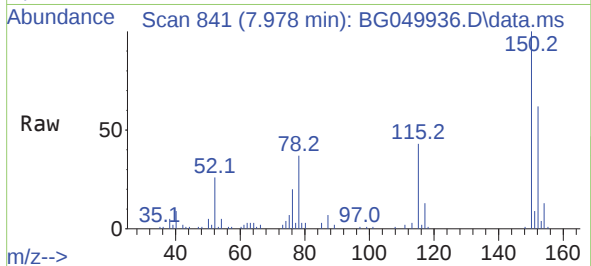
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.978 min Scan# 841  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:152 Resp: 28846  
Ion Ratio Lower Upper  
152 100  
150 162.5 119.4 179.0  
115 69.8 60.2 90.4

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

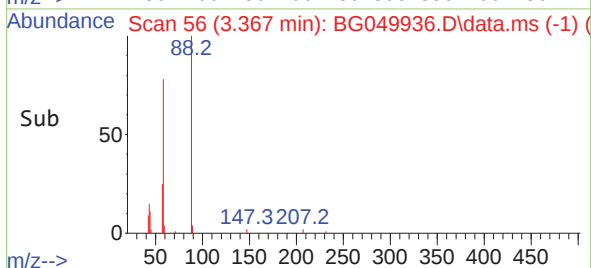
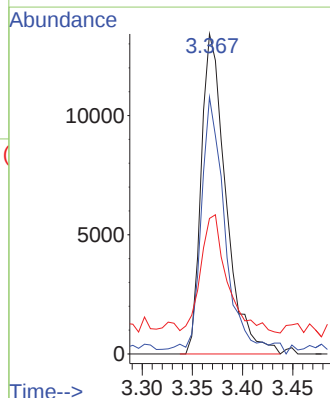
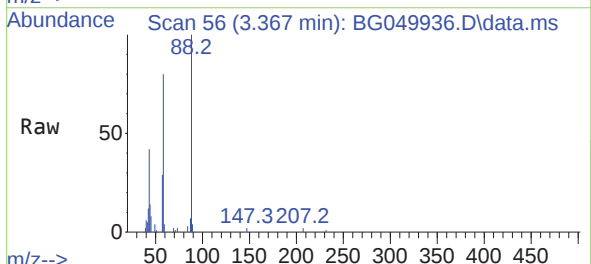
Manual Integrations  
APPROVED

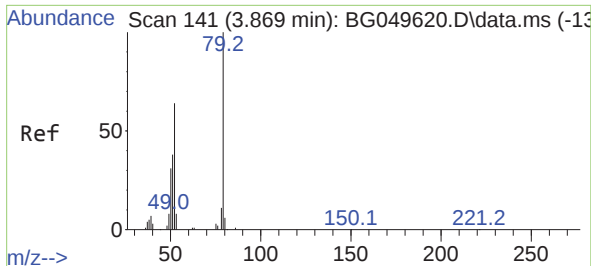
mohammad  
8/24/2021 11:19:04 AM



#2  
1,4-Dioxane  
Concen: 32.684 ng  
RT: 3.367 min Scan# 56  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 88 Resp: 22983  
Ion Ratio Lower Upper  
88 100  
58 79.6 55.7 83.5  
43 40.8 29.3 43.9





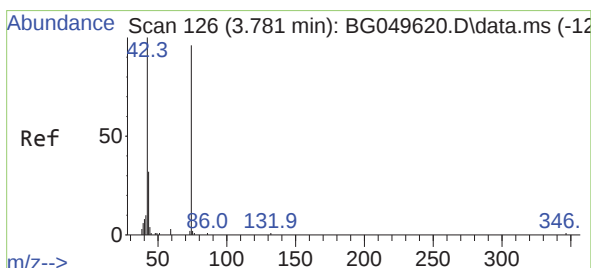
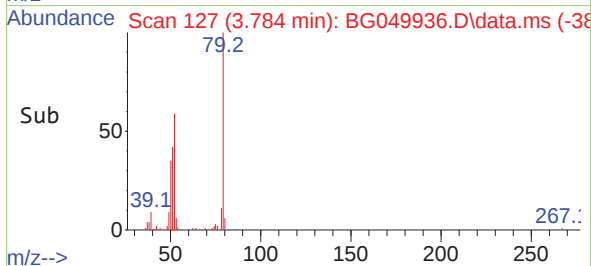
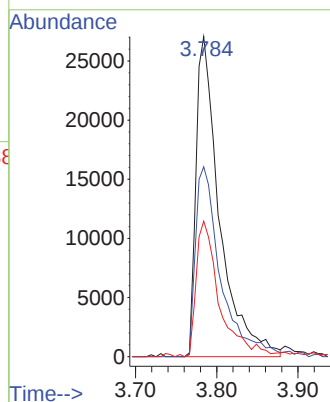
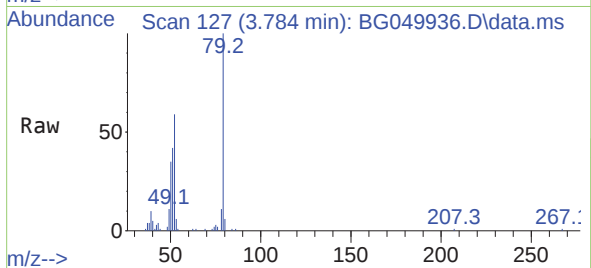
#3  
Pyridine  
Concen: 28.233 ng  
RT: 3.784 min Scan# 127  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 79 Resp: 54421  
Ion Ratio Lower Upper  
79 100  
52 59.3 58.4 87.6  
51 42.3 37.0 55.6

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

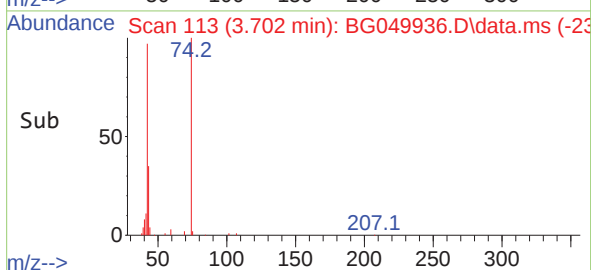
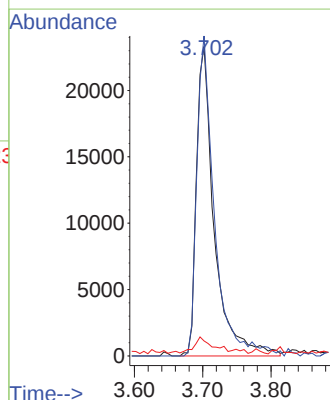
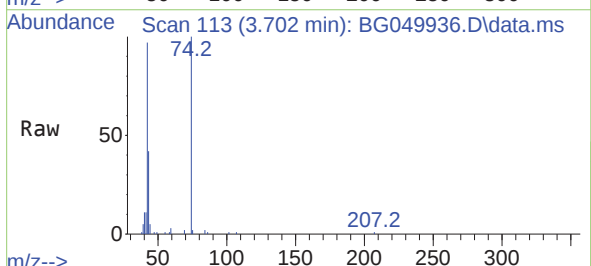
Manual Integrations  
APPROVED

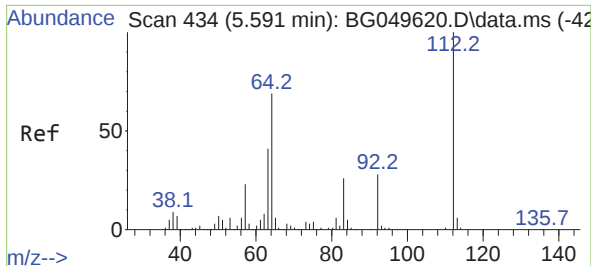
mohammad  
8/24/2021 11:19:04 AM



#4  
n-Nitrosodimethylamine  
Concen: 40.719 ng  
RT: 3.702 min Scan# 113  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 42 Resp: 42204  
Ion Ratio Lower Upper  
42 100  
74 103.4 64.0 96.0#  
44 4.9 2.7 4.1#





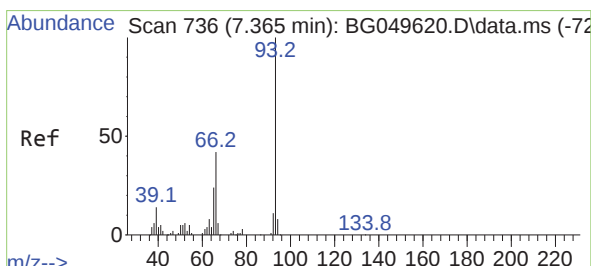
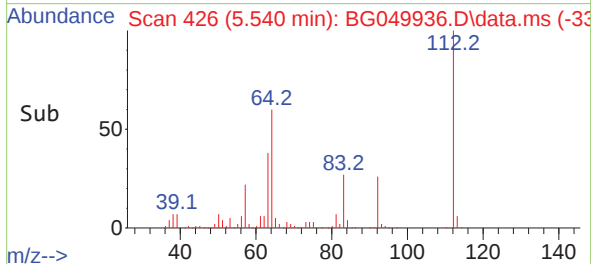
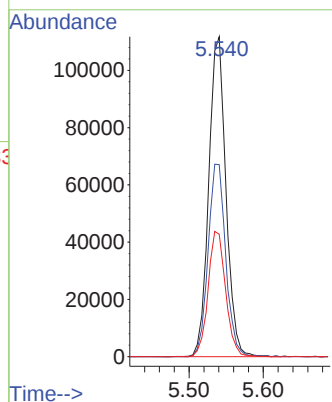
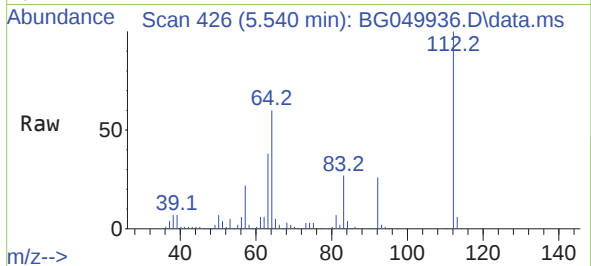
#5  
2-Fluorophenol  
Concen: 111.751 ng  
RT: 5.540 min Scan# 426  
Delta R.T. 0.004 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

Tgt Ion:112 Resp: 179826  
Ion Ratio Lower Upper  
112 100  
64 60.0 46.7 70.1  
63 38.3 35.3 52.9

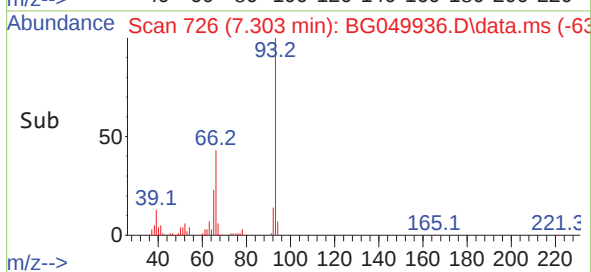
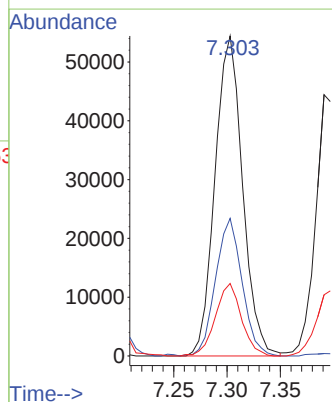
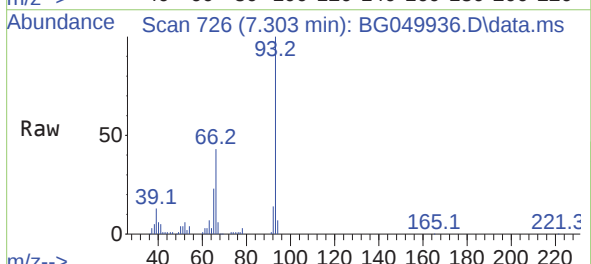
Manual Integrations  
APPROVED

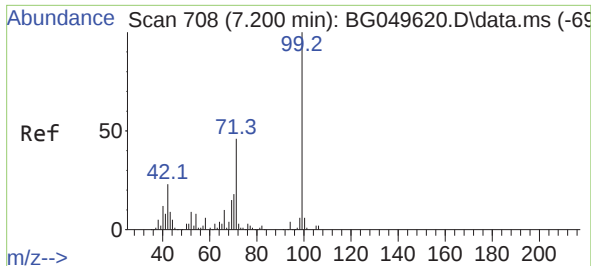
mohammad  
8/24/2021 11:19:04 AM



#6  
Aniline  
Concen: 37.900 ng  
RT: 7.303 min Scan# 726  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 93 Resp: 97842  
Ion Ratio Lower Upper  
93 100  
66 43.0 30.6 45.8  
65 22.7 15.0 22.4#





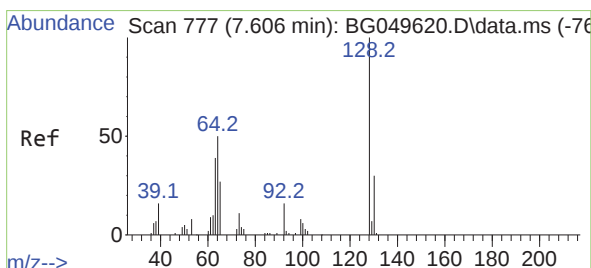
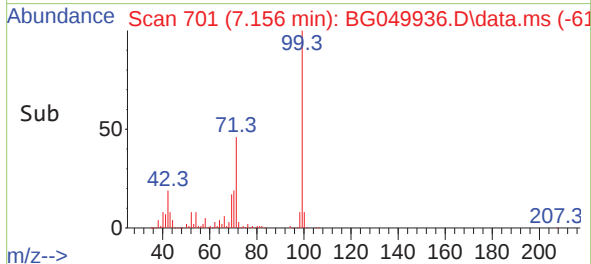
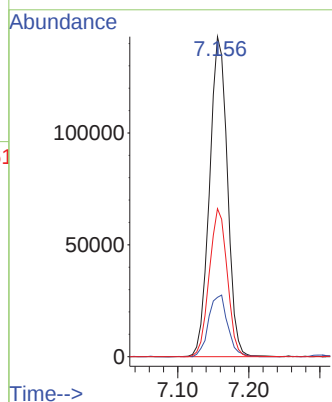
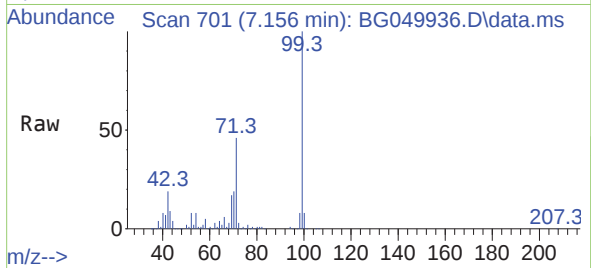
#7  
Phenol-d6  
Concen: 102.396 ng  
RT: 7.156 min Scan# 701  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 99 Resp: 249423  
Ion Ratio Lower Upper  
99 100  
42 18.5 20.5 30.7#  
71 46.2 41.5 62.3

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

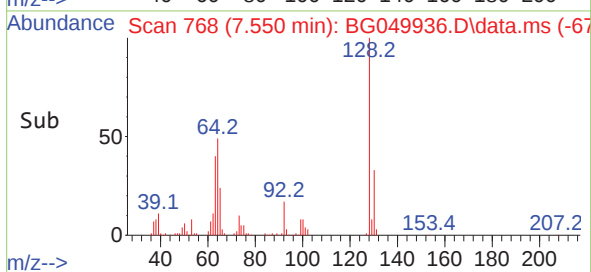
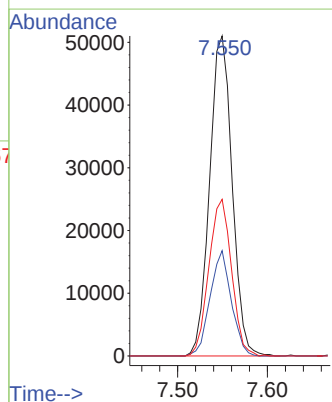
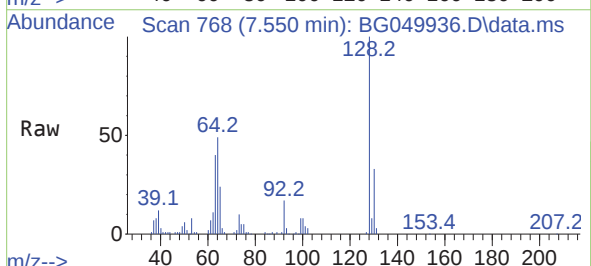
Manual Integrations  
APPROVED

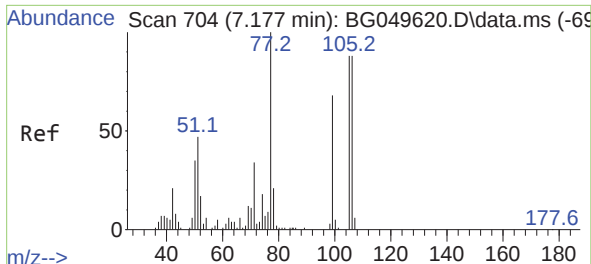
mohammad  
8/24/2021 11:19:04 AM



#8  
2-Chlorophenol  
Concen: 50.662 ng  
RT: 7.550 min Scan# 768  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

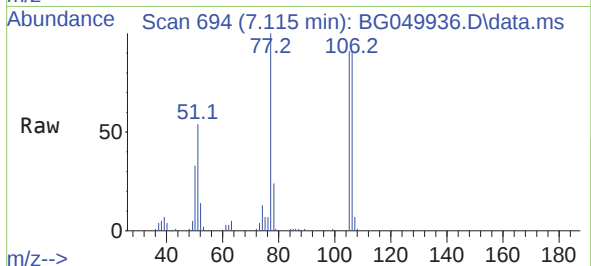
Tgt Ion:128 Resp: 88883  
Ion Ratio Lower Upper  
128 100  
130 32.9 10.0 50.0  
64 48.9 28.1 68.1





#9  
Benzaldehyde  
Concen: 37.055 ng  
RT: 7.115 min Scan# 694  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

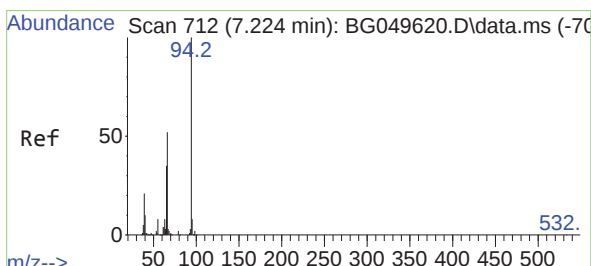
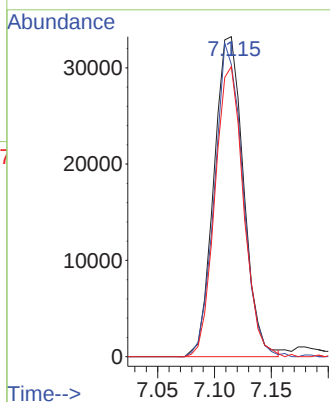
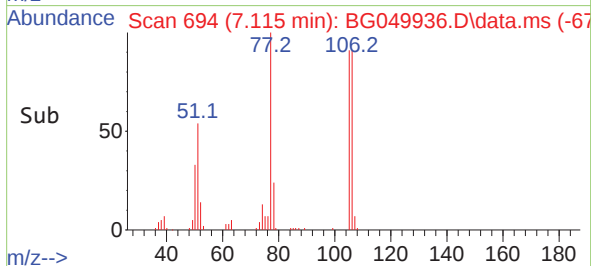
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



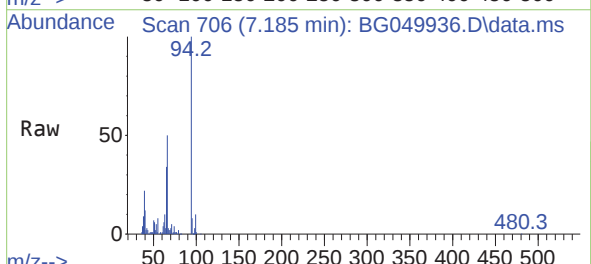
Tgt Ion: 77 Resp: 60227  
Ion Ratio Lower Upper  
77 100  
105 91.3 68.8 108.8  
106 90.6 47.9 87.9#

Manual Integrations  
APPROVED

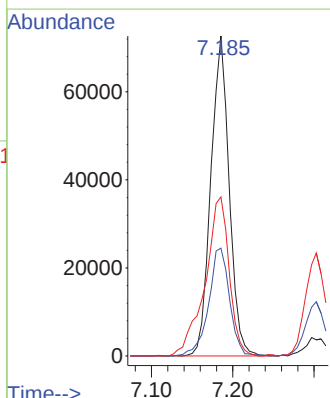
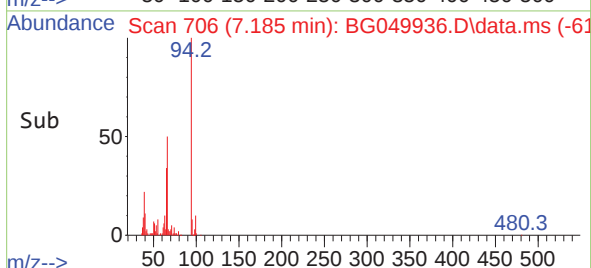
mohammad  
8/24/2021 11:19:04 AM

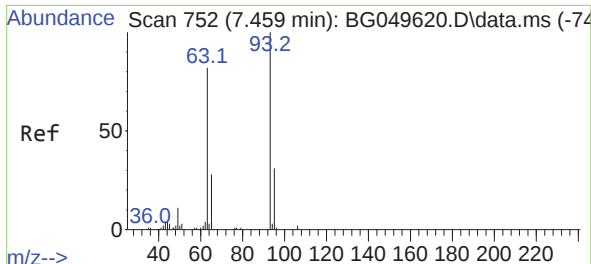


#10  
Phenol  
Concen: 48.237 ng  
RT: 7.185 min Scan# 706  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



Tgt Ion: 94 Resp: 113849  
Ion Ratio Lower Upper  
94 100  
65 33.7 12.9 52.9  
66 49.7 39.4 79.4





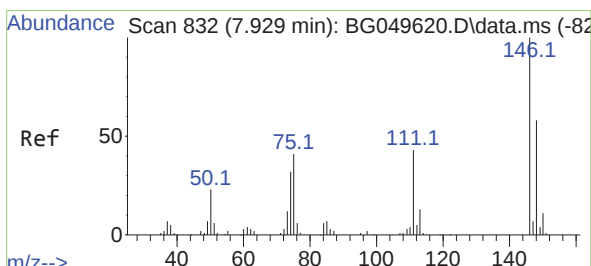
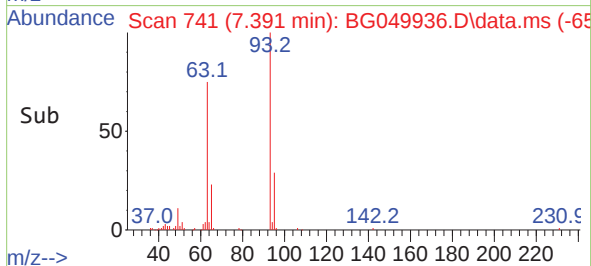
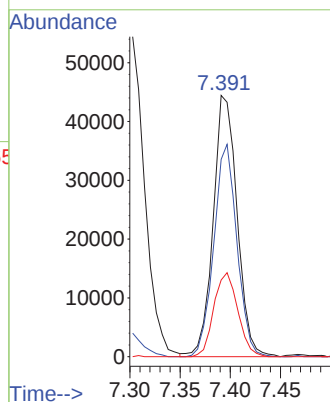
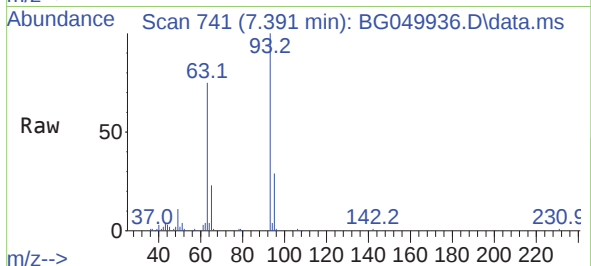
#11  
bis(2-Chloroethyl)ether  
Concen: 46.267 ng  
RT: 7.391 min Scan# 741  
Delta R.T. -0.013 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

Tgt Ion: 93 Resp: 73731  
Ion Ratio Lower Upper  
93 100  
63 75.5 50.4 90.4  
95 29.3 15.3 55.3

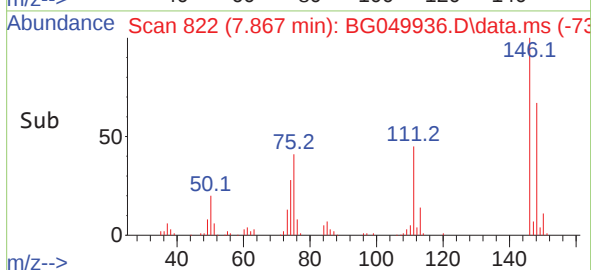
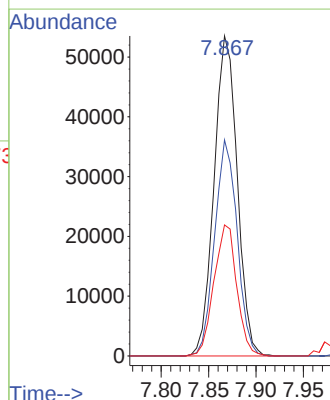
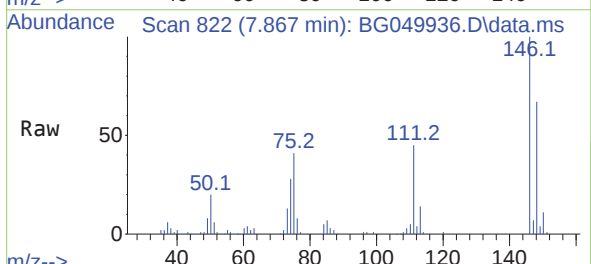
Manual Integrations  
APPROVED

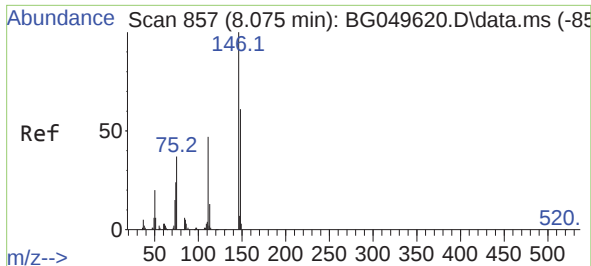
mohammad  
8/24/2021 11:19:04 AM



#12  
1,3-Dichlorobenzene  
Concen: 45.321 ng  
RT: 7.867 min Scan# 822  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

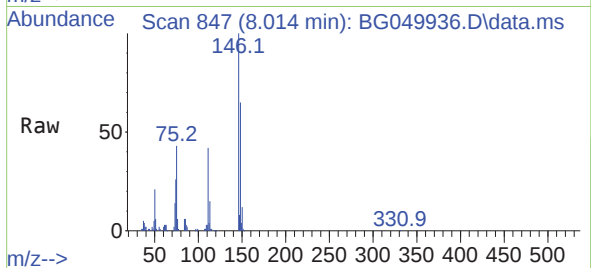
Tgt Ion:146 Resp: 91064  
Ion Ratio Lower Upper  
146 100  
148 67.5 52.6 78.8  
75 40.9 35.7 53.5





#13  
1,4-Dichlorobenzene  
Concen: 46.405 ng  
RT: 8.014 min Scan# 847  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

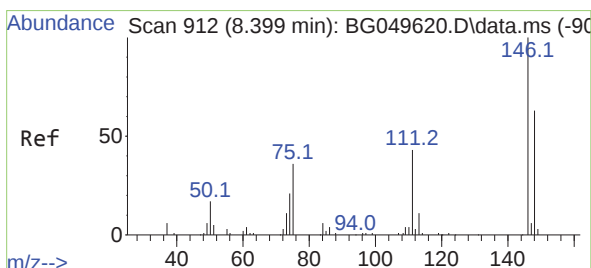
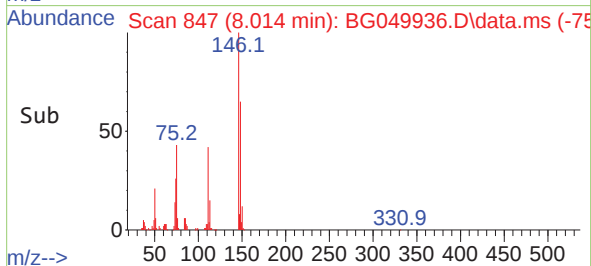
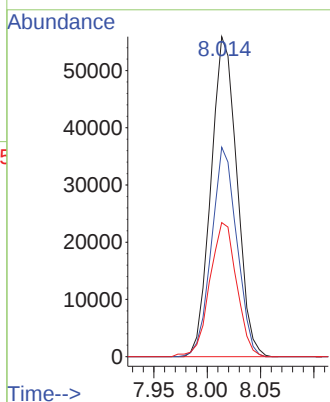
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



Tgt Ion:146 Resp: 94382  
Ion Ratio Lower Upper  
146 100  
148 65.5 54.0 81.0  
111 41.9 34.3 51.5

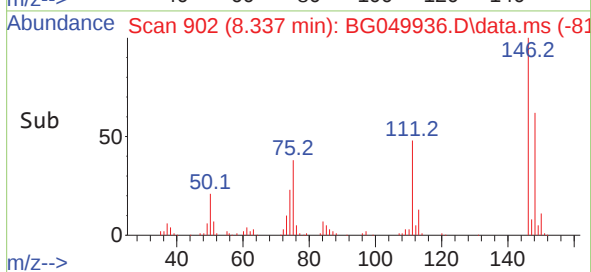
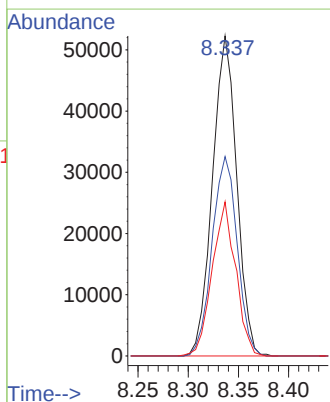
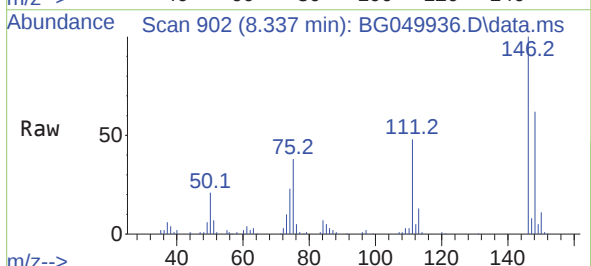
Manual Integrations  
APPROVED

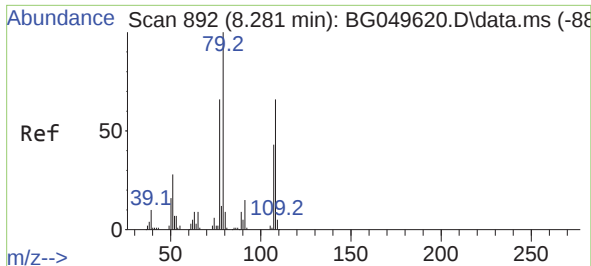
mohammad  
8/24/2021 11:19:04 AM



#14  
1,2-Dichlorobenzene  
Concen: 45.570 ng  
RT: 8.337 min Scan# 902  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:146 Resp: 87804  
Ion Ratio Lower Upper  
146 100  
148 62.3 47.5 71.3  
111 48.1 39.1 58.7





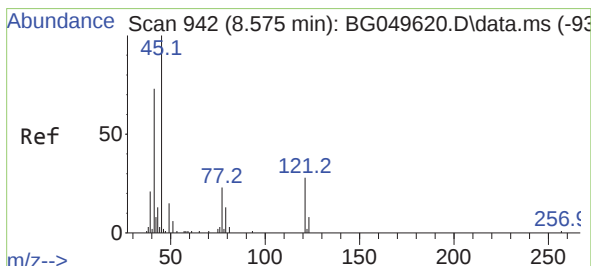
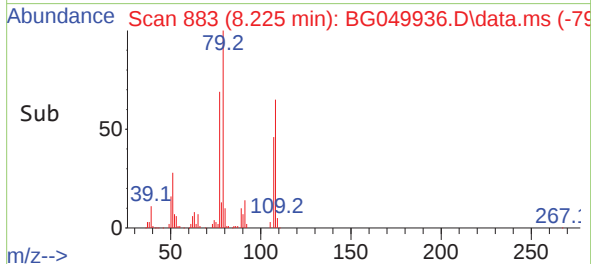
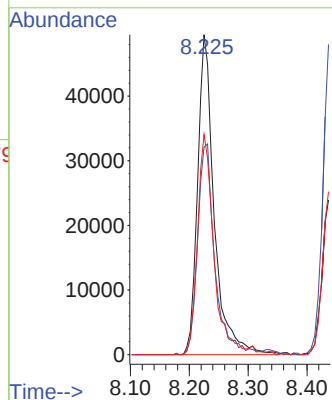
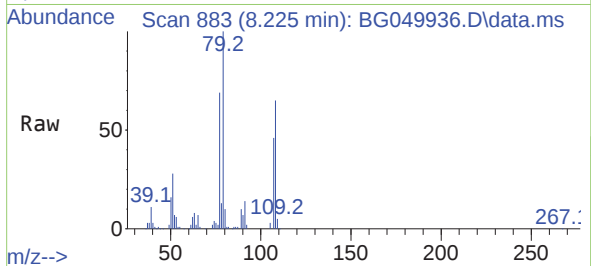
#15  
Benzyl Alcohol  
Concen: 47.516 ng  
RT: 8.225 min Scan# 883  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 79 Resp: 97203  
Ion Ratio Lower Upper  
79 100  
108 64.9 48.2 72.4  
77 68.8 57.3 85.9

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

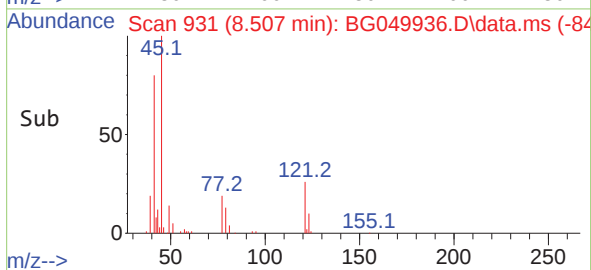
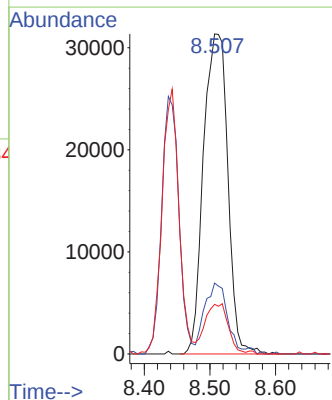
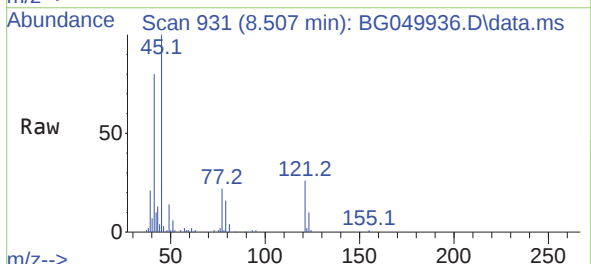
Manual Integrations  
APPROVED

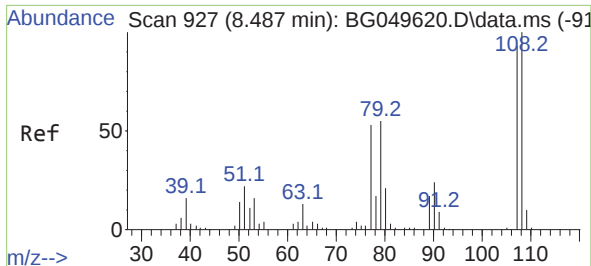
mohammad  
8/24/2021 11:19:04 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.593 ng  
RT: 8.507 min Scan# 931  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 45 Resp: 80746  
Ion Ratio Lower Upper  
45 100  
77 22.1 2.2 42.2  
79 15.5 0.0 34.3





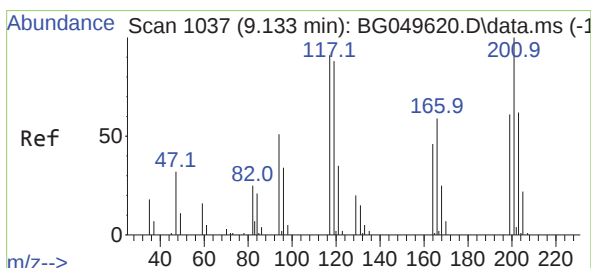
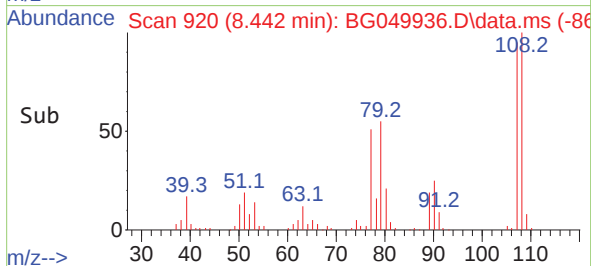
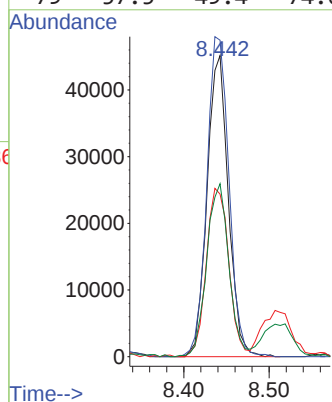
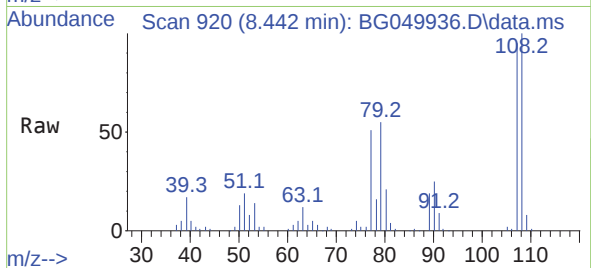
#17  
2-Methylphenol  
Concen: 50.248 ng  
RT: 8.442 min Scan# 920  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 78097 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.1 | 84.6  | 127.0 |
| 77       | 54.0  | 50.7  | 76.1  |
| 79       | 57.5  | 49.4  | 74.0  |

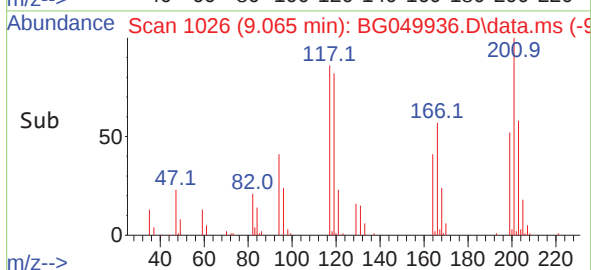
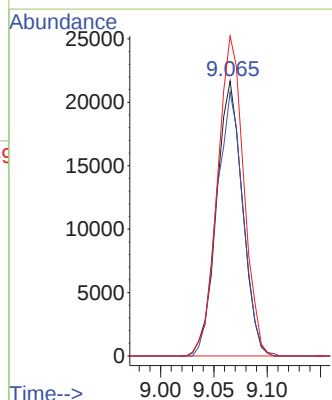
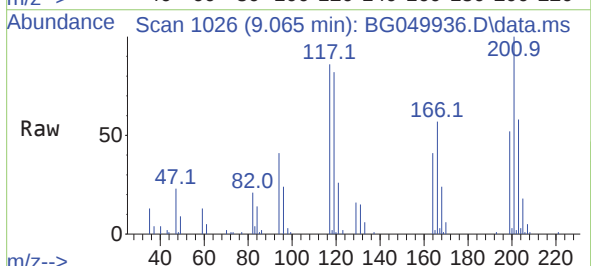
Manual Integrations  
APPROVED

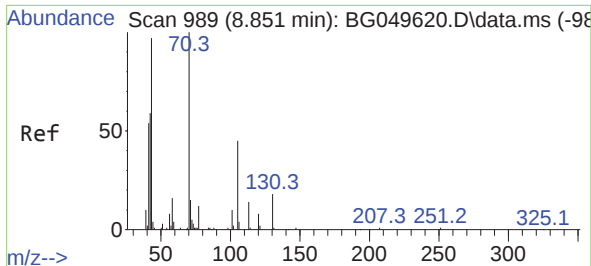
mohammad  
8/24/2021 11:19:04 AM



#18  
Hexachloroethane  
Concen: 46.884 ng  
RT: 9.065 min Scan# 1026  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 36657 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.9  | 74.4  | 111.6 |
| 201      | 116.4 | 88.6  | 133.0 |





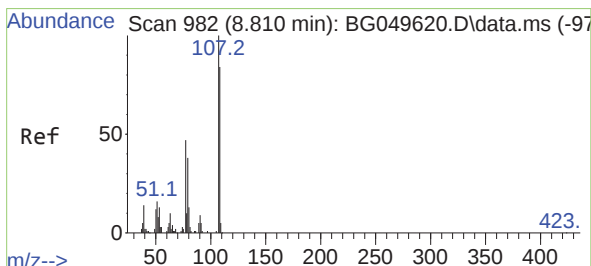
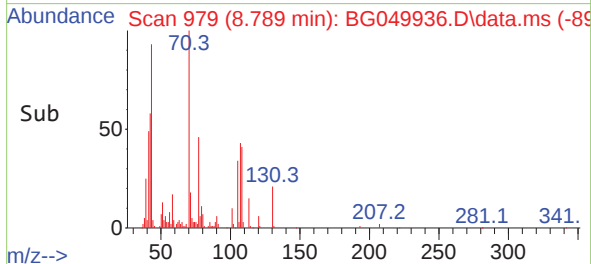
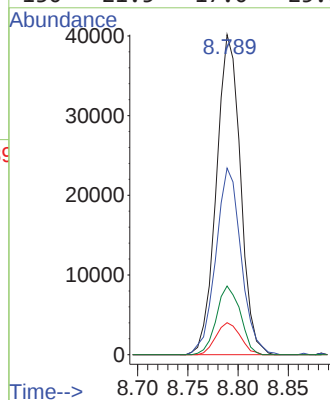
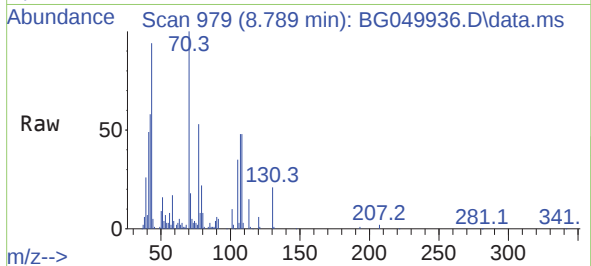
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.999 ng  
RT: 8.789 min Scan# 979  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 66830 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 58.3  | 54.5  | 81.7  |
| 101      | 10.0  | 9.0   | 13.6  |
| 130      | 21.5  | 17.0  | 25.6  |

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

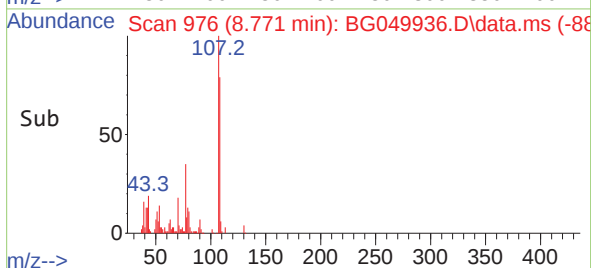
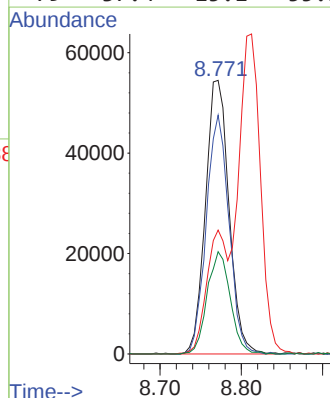
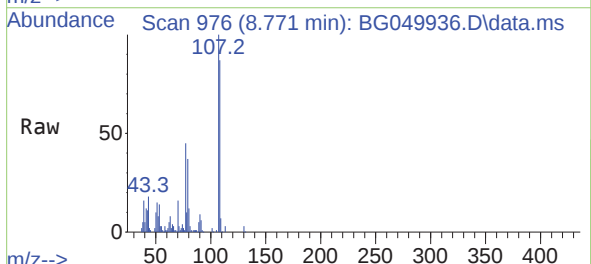
Manual Integrations  
APPROVED

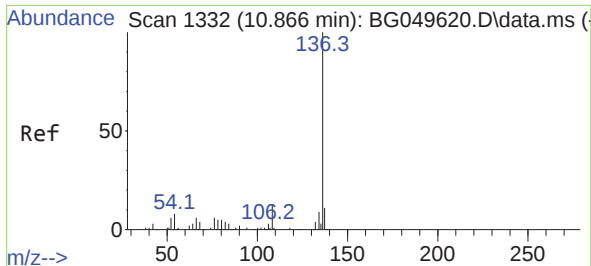
mohammad  
8/24/2021 11:19:04 AM



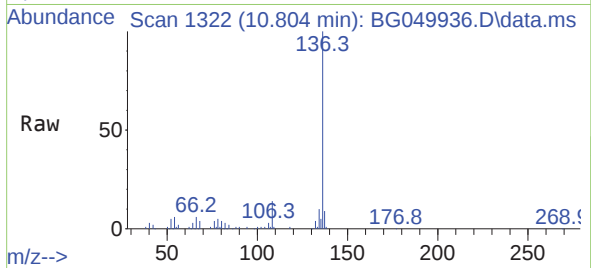
#20  
3+4-Methylphenols  
Concen: 50.362 ng  
RT: 8.771 min Scan# 976  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 109930 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.3  | 69.3  | 109.3  |
| 77       | 45.3  | 25.2  | 65.2   |
| 79       | 37.4  | 15.1  | 55.1   |

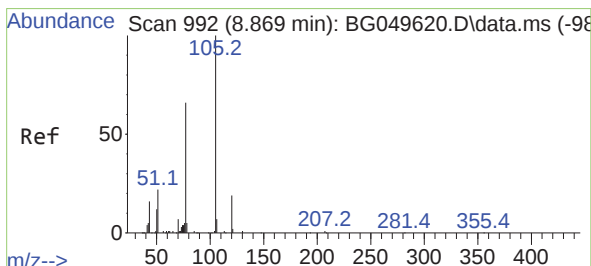
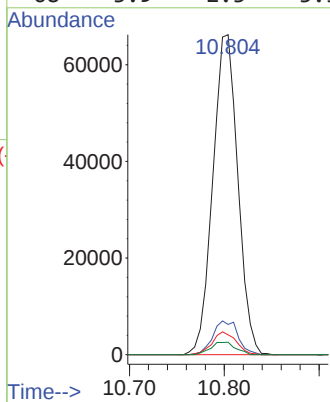
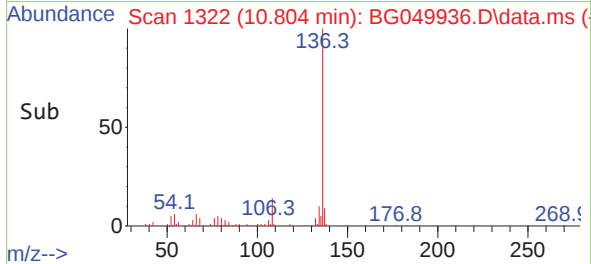




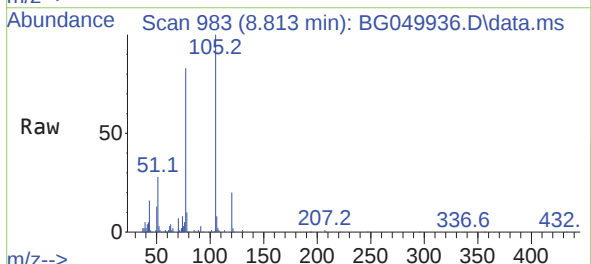
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.804 min Scan# 1322  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



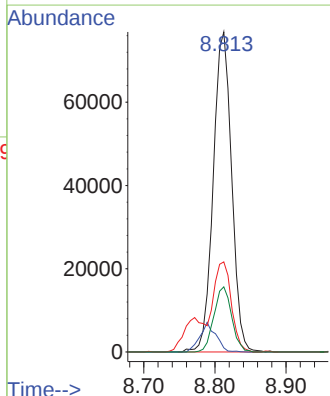
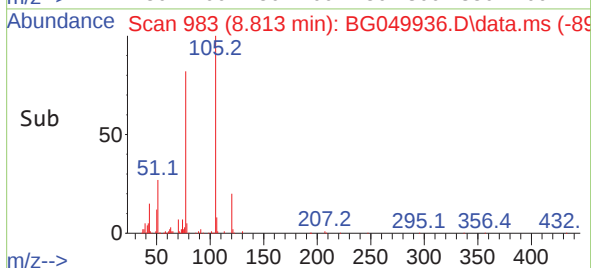
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 121369 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 9.4   | 8.2   | 12.2   |
| 54        | 6.2   | 5.5   | 8.3    |
| 68        | 3.9   | 2.3   | 3.5#   |



#22  
Acetophenone  
Concen: 41.837 ng  
RT: 8.813 min Scan# 983  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



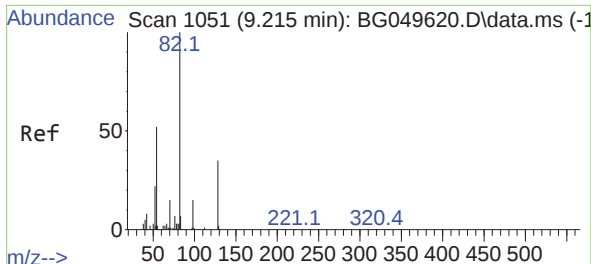
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 137952 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.3   | 0.6   | 0.8#   |
| 51        | 28.2  | 26.6  | 40.0   |
| 120       | 20.3  | 16.2  | 24.4   |



Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

Manual Integrations  
APPROVED

mohammad  
8/24/2021 11:19:04 AM



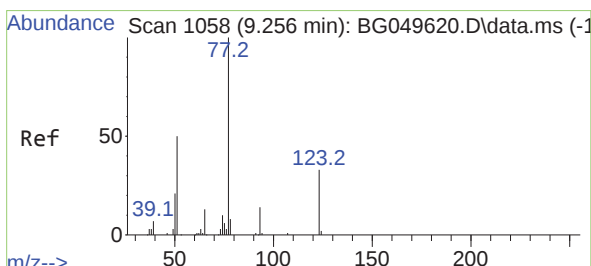
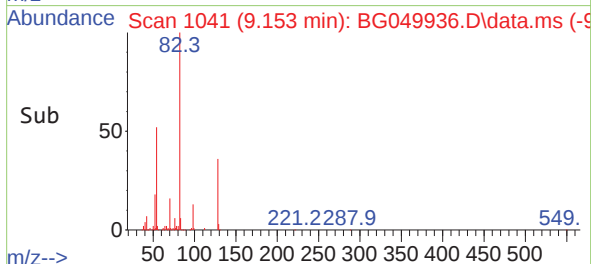
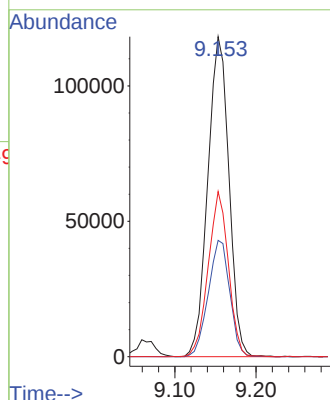
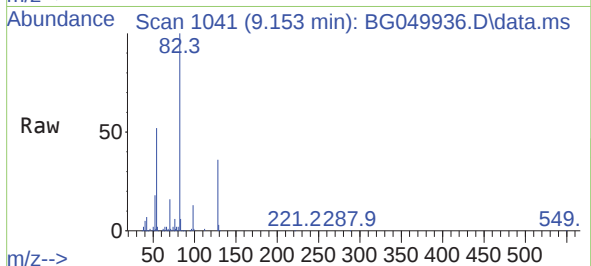
#23  
Nitrobenzene-d5  
Concen: 77.705 ng  
RT: 9.153 min Scan# 1041  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 82 Resp: 213123  
Ion Ratio Lower Upper  
82 100  
128 36.3 29.8 44.6  
54 51.6 45.8 68.8

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

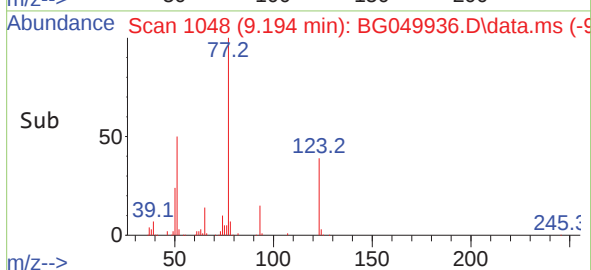
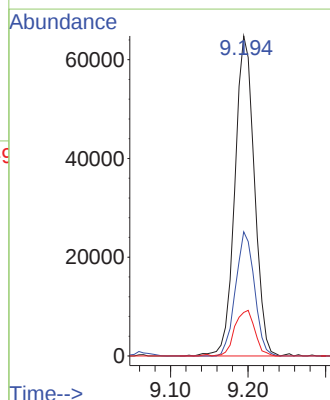
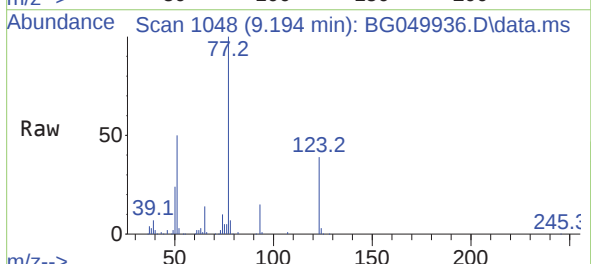
Manual Integrations  
APPROVED

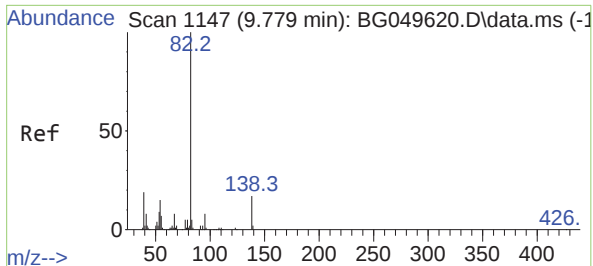
mohammad  
8/24/2021 11:19:04 AM



#24  
Nitrobenzene  
Concen: 39.179 ng  
RT: 9.194 min Scan# 1048  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

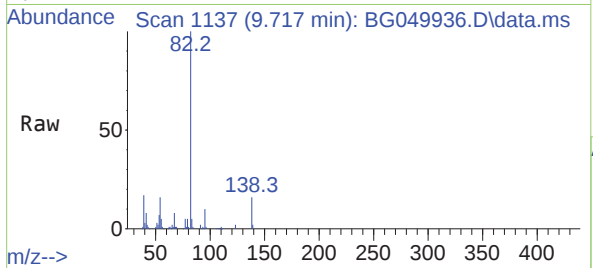
Tgt Ion: 77 Resp: 113390  
Ion Ratio Lower Upper  
77 100  
123 38.8 27.5 41.3  
65 13.6 12.6 18.8





#25  
Isophorone  
Concen: 38.088 ng  
RT: 9.717 min Scan# 1137  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

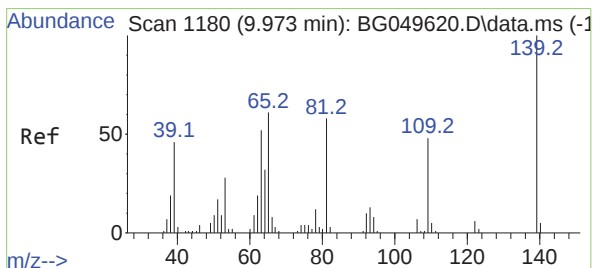
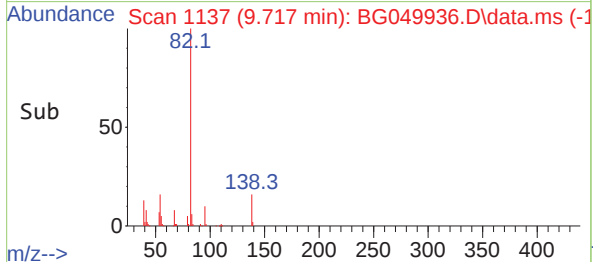
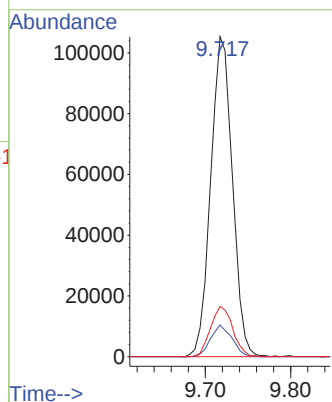
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



Tgt Ion: 82 Resp: 186410  
Ion Ratio Lower Upper  
82 100  
95 9.9 8.5 12.7  
138 15.6 11.8 17.6

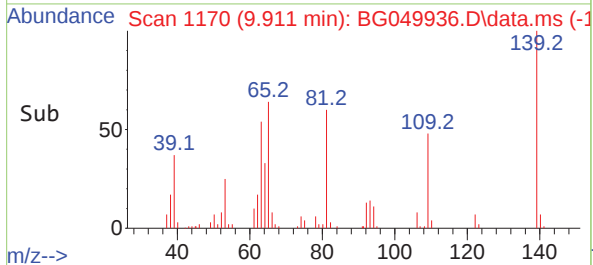
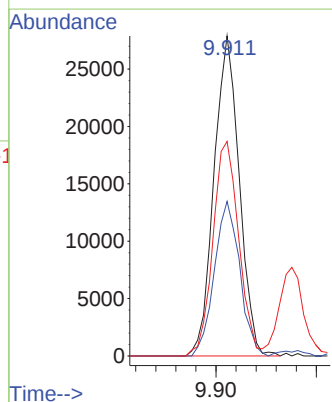
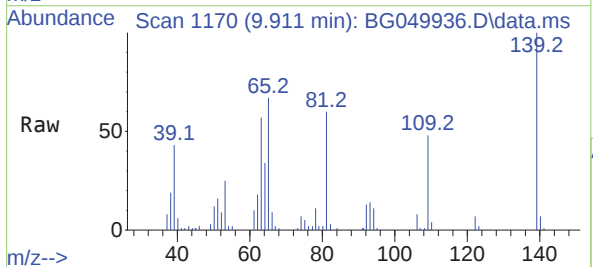
Manual Integrations  
APPROVED

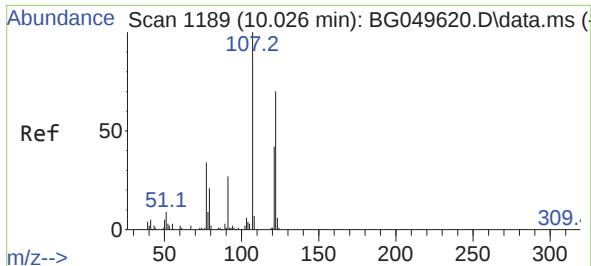
mohammad  
8/24/2021 11:19:04 AM



#26  
2-Nitrophenol  
Concen: 44.129 ng  
RT: 9.911 min Scan# 1170  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

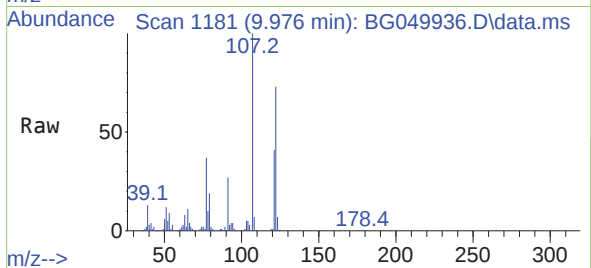
Tgt Ion: 139 Resp: 48740  
Ion Ratio Lower Upper  
139 100  
109 48.3 37.8 56.6  
65 67.1 51.8 77.8





#27  
2,4-Dimethylphenol  
Concen: 51.743 ng  
RT: 9.976 min Scan# 1181  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

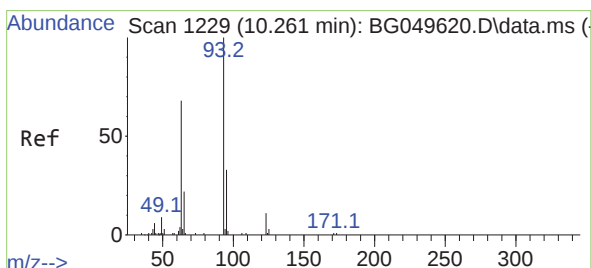
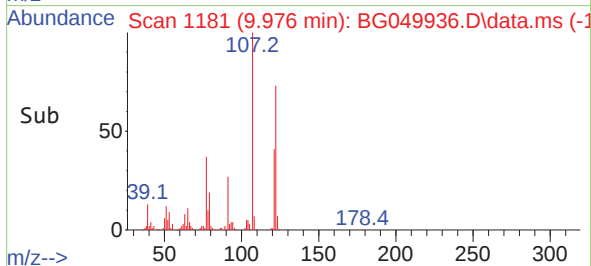
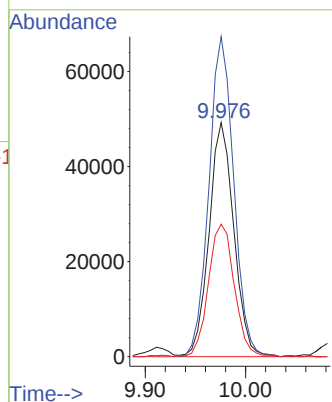
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



Tgt Ion:122 Resp: 84468  
Ion Ratio Lower Upper  
122 100  
107 136.7 110.1 165.1  
121 56.6 49.0 73.6

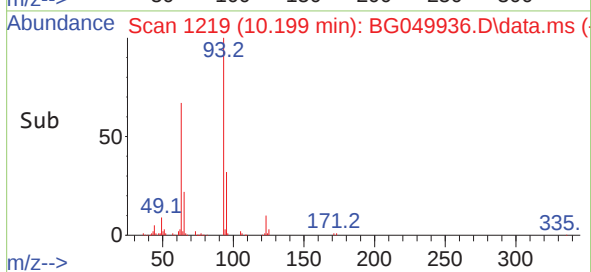
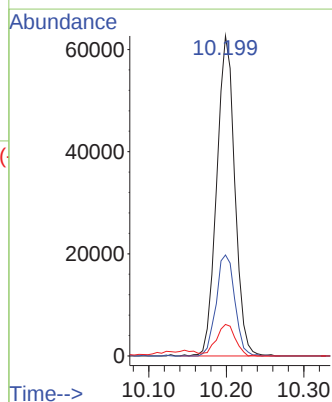
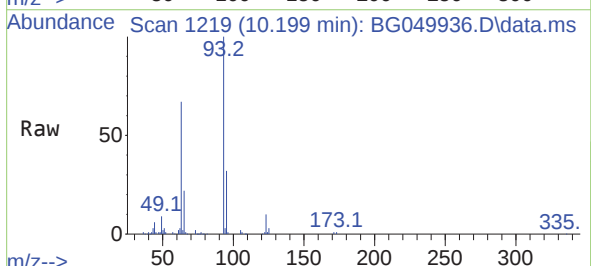
Manual Integrations  
APPROVED

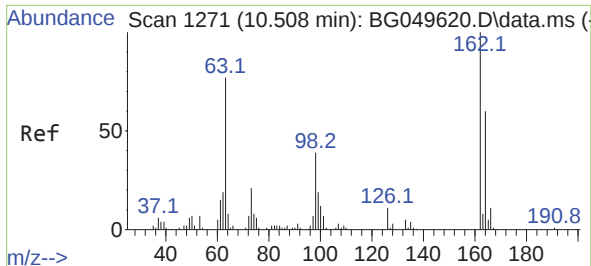
mohammad  
8/24/2021 11:19:04 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.409 ng  
RT: 10.199 min Scan# 1219  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 93 Resp: 101500  
Ion Ratio Lower Upper  
93 100  
95 31.6 22.2 33.4  
123 9.8 8.8 13.2





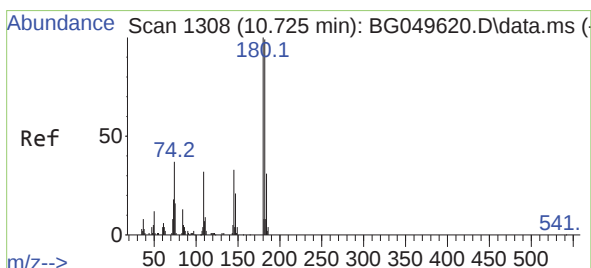
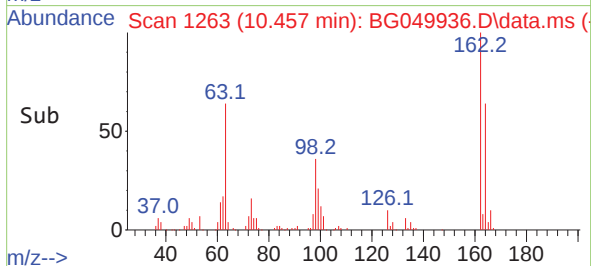
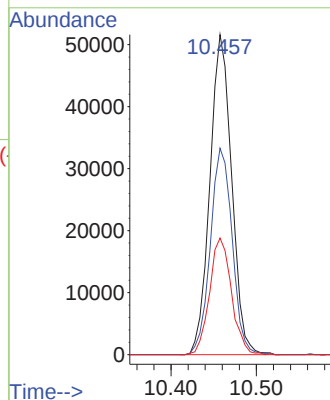
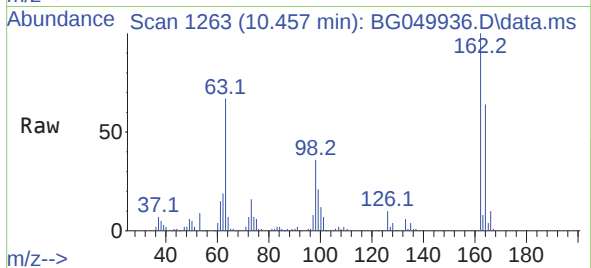
#29  
2,4-Dichlorophenol  
Concen: 45.675 ng  
RT: 10.457 min Scan# 1263  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:162 Resp: 91498  
Ion Ratio Lower Upper  
162 100  
164 64.5 39.4 79.4  
98 36.4 18.7 58.7

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

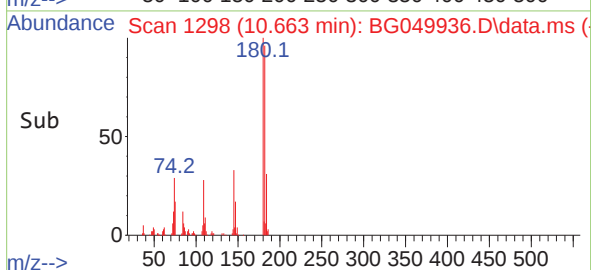
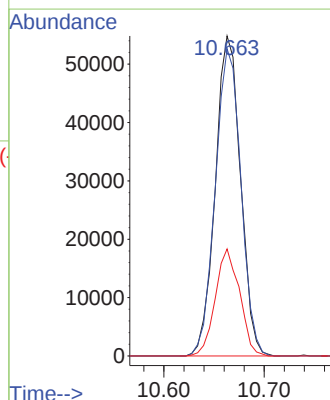
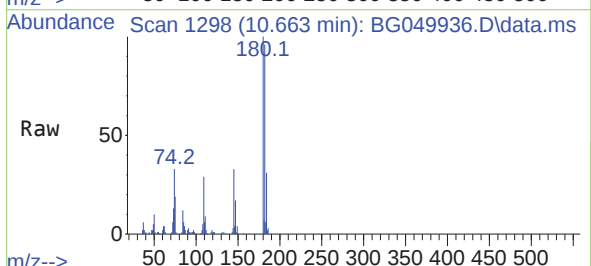
Manual Integrations  
APPROVED

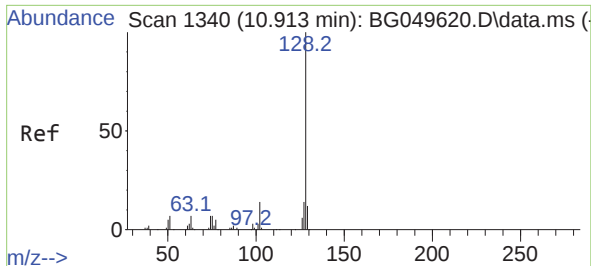
mohammad  
8/24/2021 11:19:04 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 43.281 ng  
RT: 10.663 min Scan# 1298  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:180 Resp: 95465  
Ion Ratio Lower Upper  
180 100  
182 96.0 78.9 118.3  
145 33.5 26.2 39.4





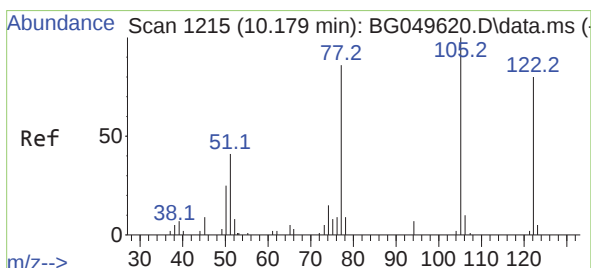
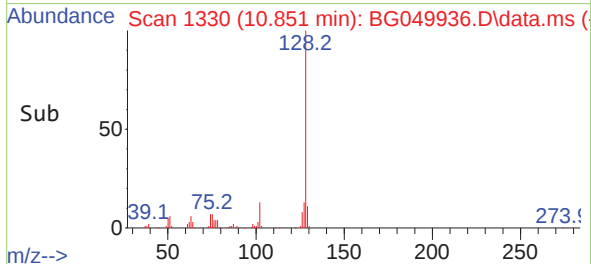
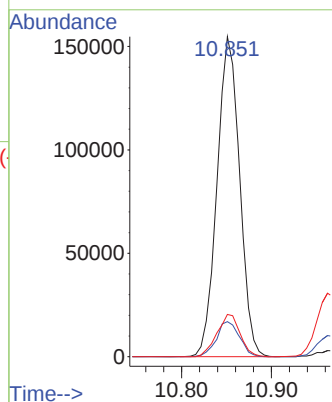
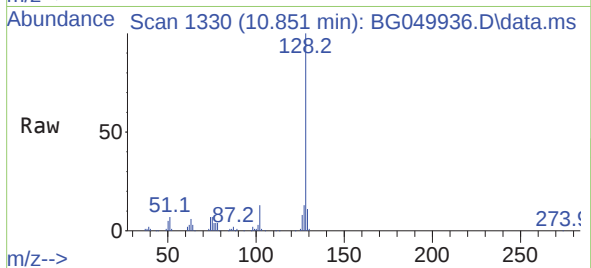
#31  
Naphthalene  
Concen: 42.531 ng  
RT: 10.851 min Scan# 1330  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:128 Resp: 270342  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.2 10.2 15.4

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

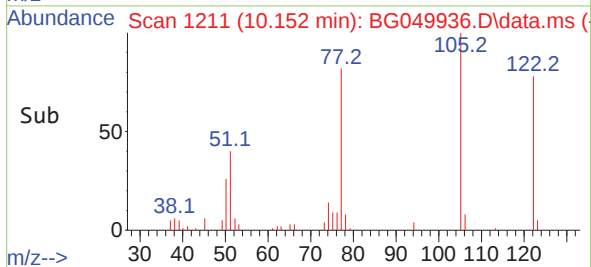
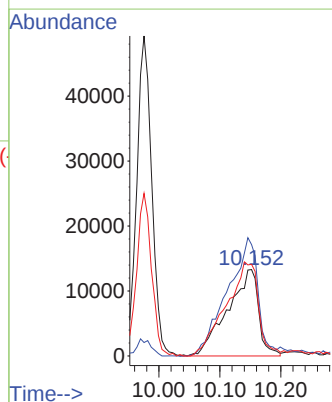
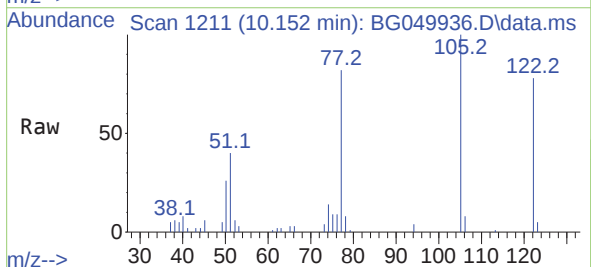
Manual Integrations  
APPROVED

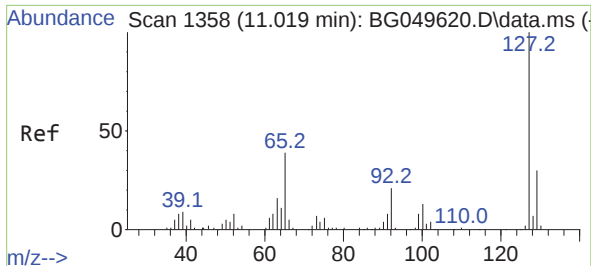
mohammad  
8/24/2021 11:19:04 AM



#32  
Benzoic acid  
Concen: 41.399 ng  
RT: 10.152 min Scan# 1211  
Delta R.T. 0.016 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

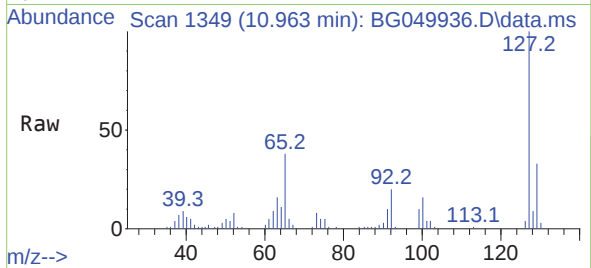
Tgt Ion:122 Resp: 46849  
Ion Ratio Lower Upper  
122 100  
105 128.7 92.3 132.3  
77 106.0 66.5 106.5





#33  
4-Chloroaniline  
Concen: 24.582 ng  
RT: 10.963 min Scan# 1349  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

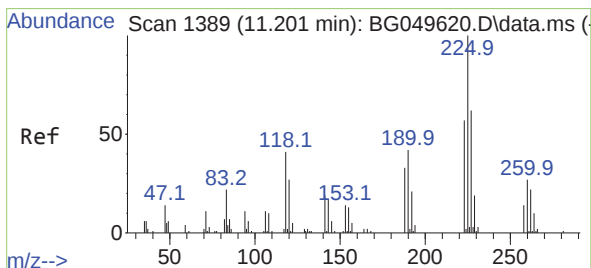
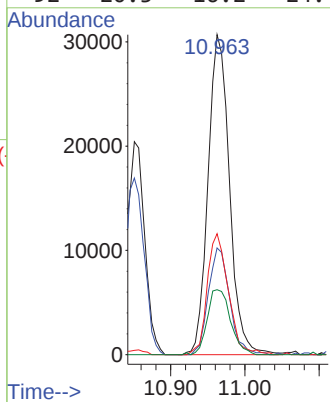
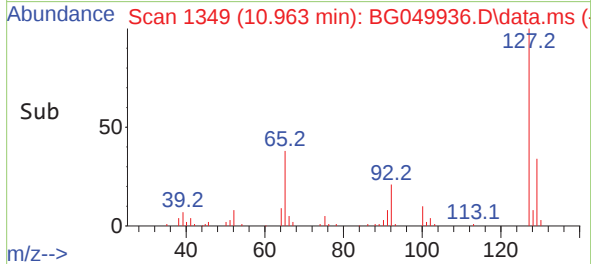
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



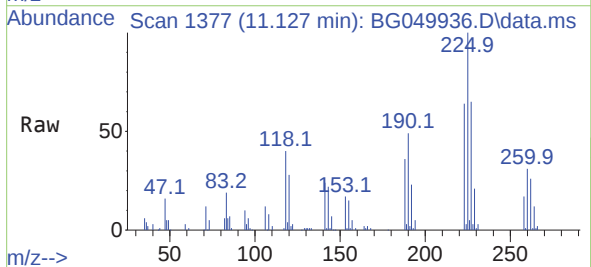
Tgt Ion:127 Resp: 61687  
Ion Ratio Lower Upper  
127 100  
129 33.4 26.7 40.1  
65 37.8 32.8 49.2  
92 20.3 16.2 24.4

Manual Integrations  
APPROVED

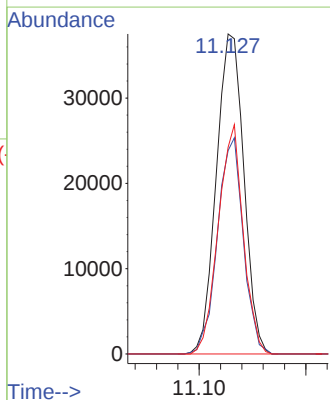
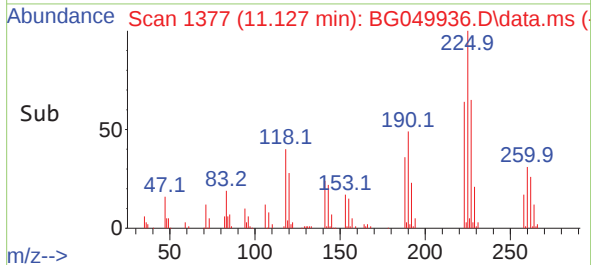
mohammad  
8/24/2021 11:19:04 AM

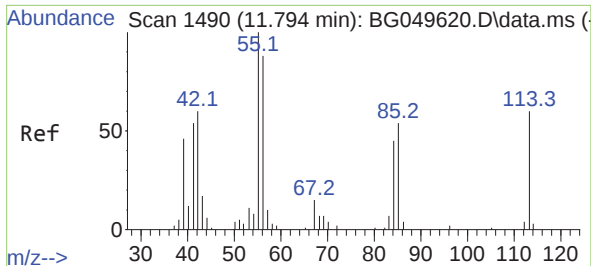


#34  
Hexachlorobutadiene  
Concen: 41.913 ng  
RT: 11.127 min Scan# 1377  
Delta R.T. -0.013 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



Tgt Ion:225 Resp: 67182  
Ion Ratio Lower Upper  
225 100  
223 63.5 49.8 74.8  
227 64.6 46.4 69.6





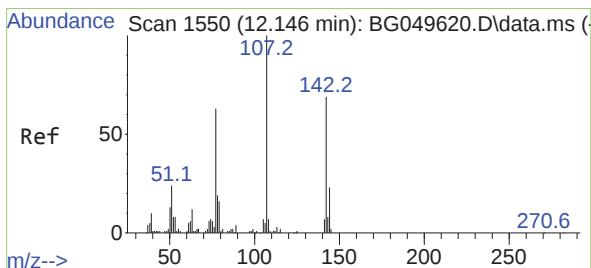
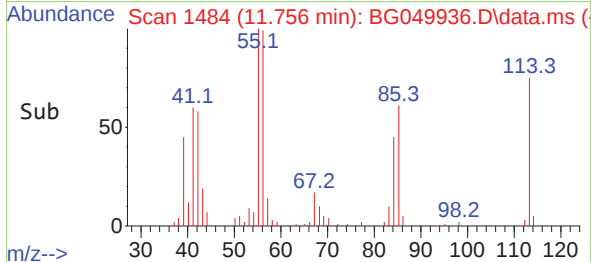
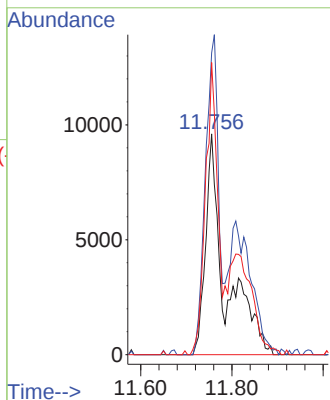
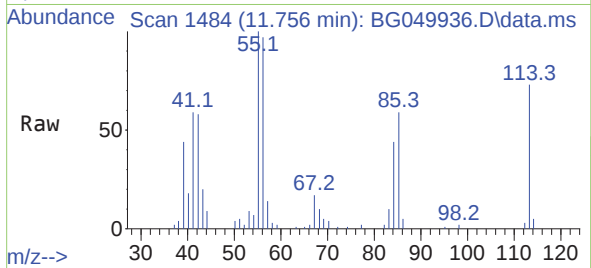
#35  
Caprolactam  
Concen: 46.545 ng m  
RT: 11.756 min Scan# 1484  
Delta R.T. 0.004 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:113 Resp: 28809  
Ion Ratio Lower Upper  
113 100  
55 136.7 113.8 153.8  
56 132.3 105.6 145.6

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

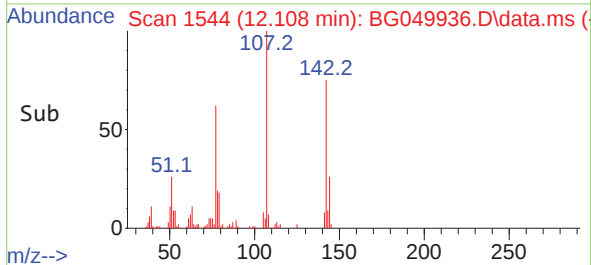
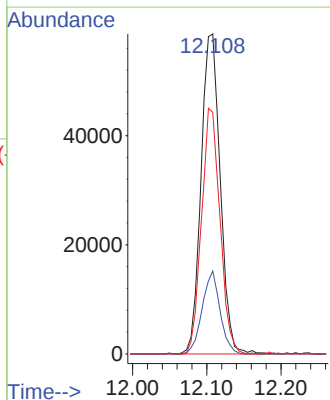
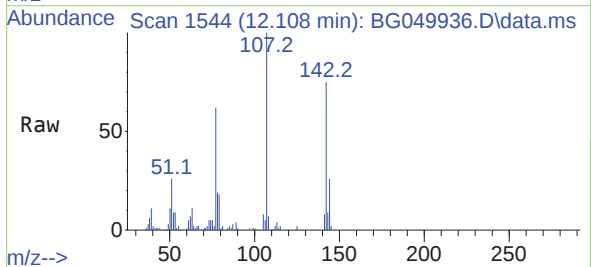
Manual Integrations  
APPROVED

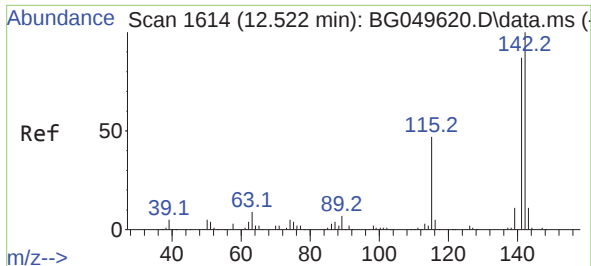
mohammad  
8/24/2021 11:19:04 AM



#36  
4-Chloro-3-methylphenol  
Concen: 45.481 ng  
RT: 12.108 min Scan# 1544  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

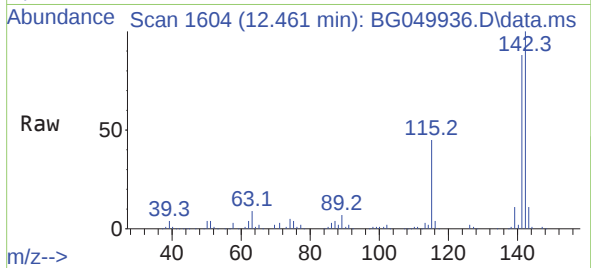
Tgt Ion:107 Resp: 105241  
Ion Ratio Lower Upper  
107 100  
144 25.9 24.8 37.2  
142 75.5 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 42.538 ng  
RT: 12.461 min Scan# 1604  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

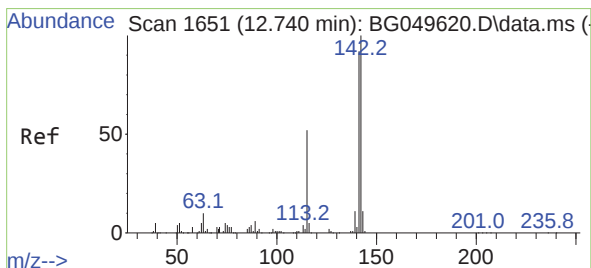
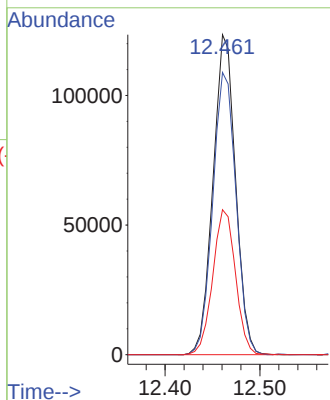
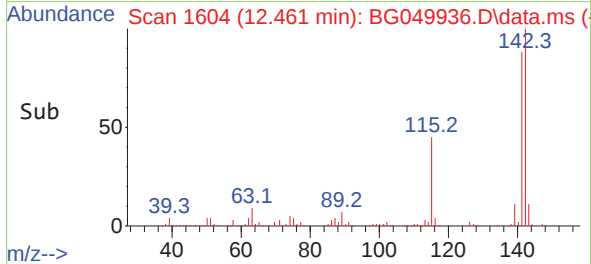
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



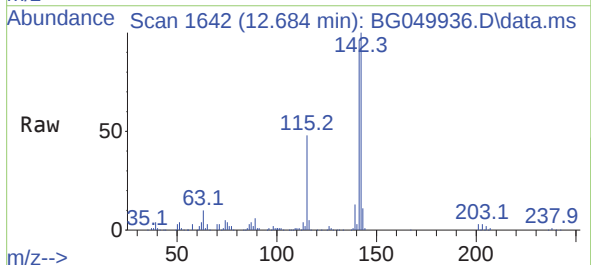
Tgt Ion:142 Resp: 203685  
Ion Ratio Lower Upper  
142 100  
141 88.2 68.8 103.2  
115 45.3 36.4 54.6

Manual Integrations  
APPROVED

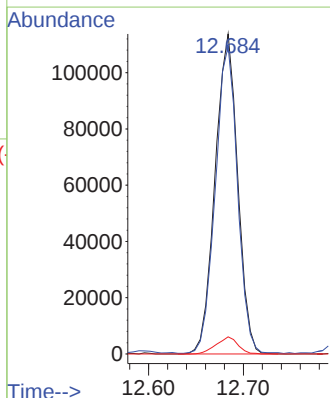
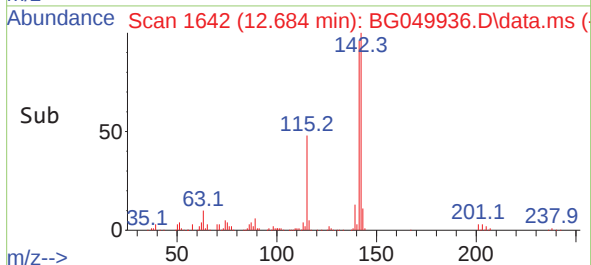
mohammad  
8/24/2021 11:19:04 AM

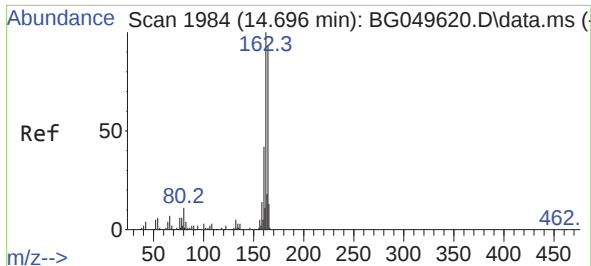


#38  
1-Methylnaphthalene  
Concen: 41.791 ng  
RT: 12.684 min Scan# 1642  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



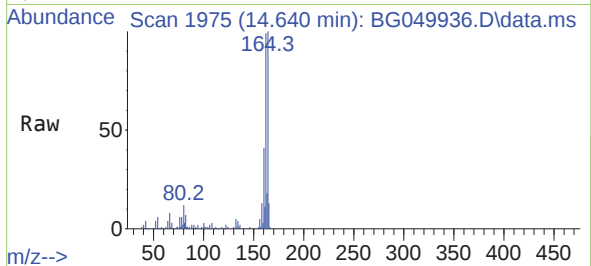
Tgt Ion:142 Resp: 188068  
Ion Ratio Lower Upper  
142 100  
141 96.1 70.6 106.0  
116 5.4 4.0 6.0





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.640 min Scan# 1975  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

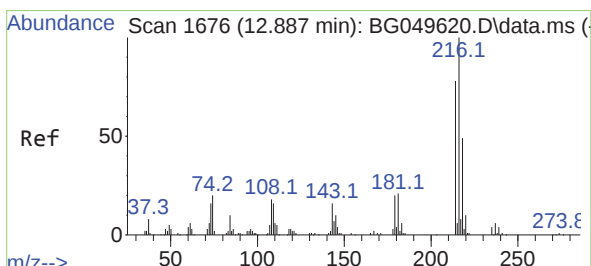
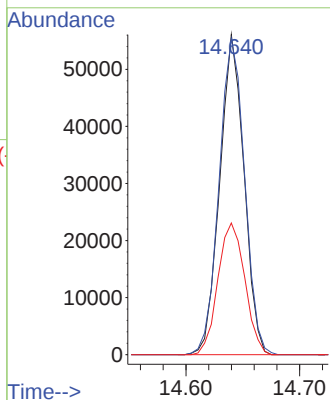
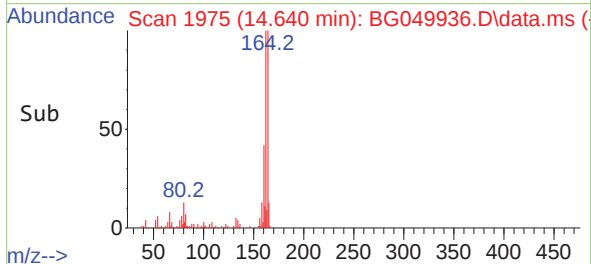
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



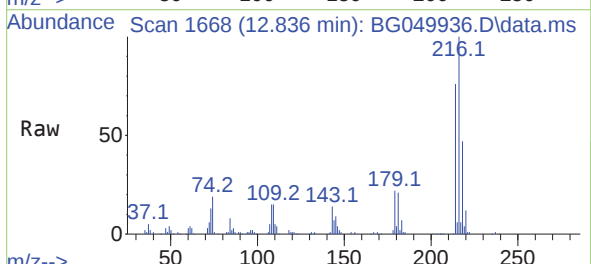
Tgt Ion:164 Resp: 83039  
Ion Ratio Lower Upper  
164 100  
162 98.8 81.4 122.0  
160 41.2 34.9 52.3

Manual Integrations  
APPROVED

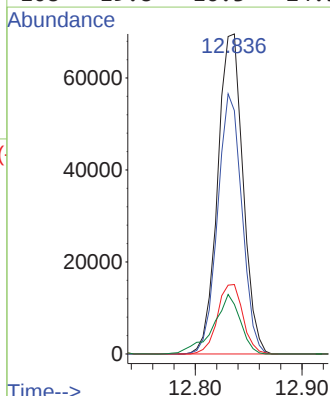
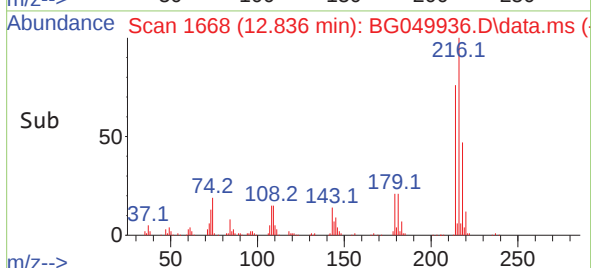
mohammad  
8/24/2021 11:19:04 AM

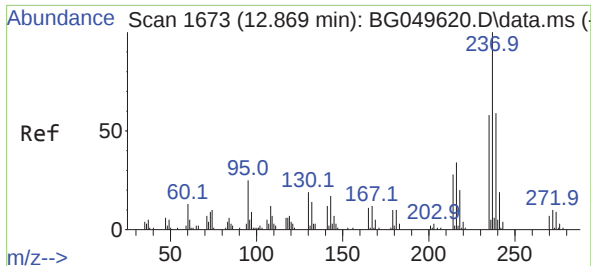


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.866 ng  
RT: 12.836 min Scan# 1668  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



Tgt Ion:216 Resp: 114668  
Ion Ratio Lower Upper  
216 100  
214 77.8 61.4 92.2  
179 21.8 17.3 25.9  
108 19.8 16.3 24.5





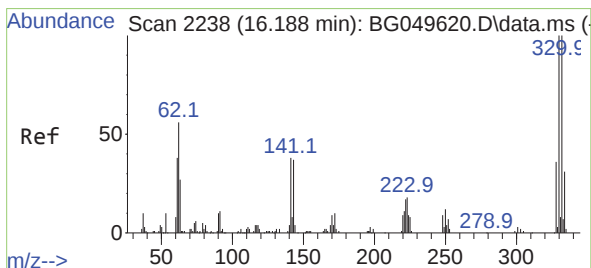
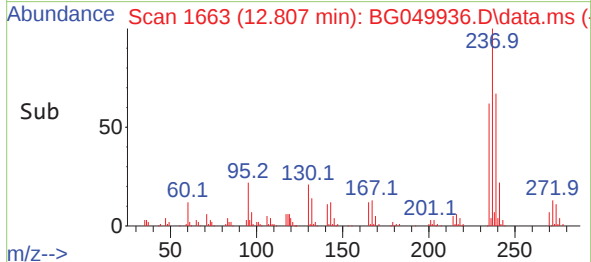
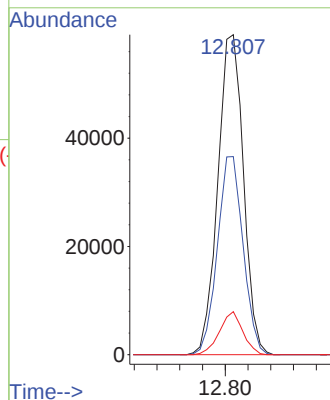
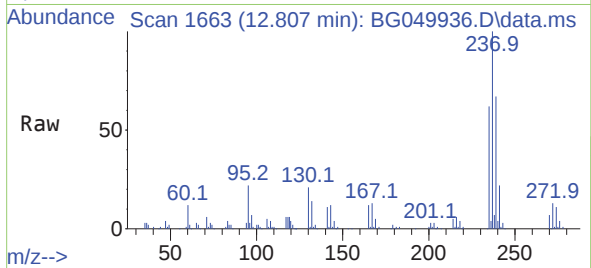
#41  
Hexachlorocyclopentadiene  
Concen: 70.586 ng  
RT: 12.807 min Scan# 1663  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion: 237 Resp: 92391  
Ion Ratio Lower Upper  
237 100  
235 61.9 36.6 76.6  
272 13.4 0.0 32.5

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

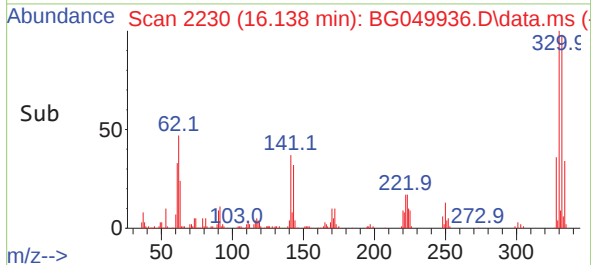
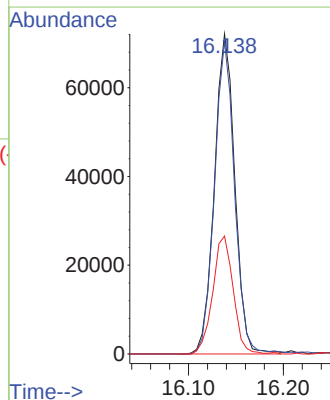
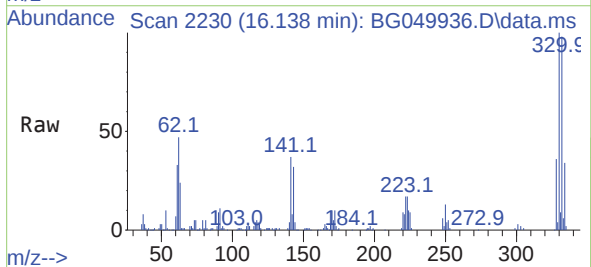
Manual Integrations  
APPROVED

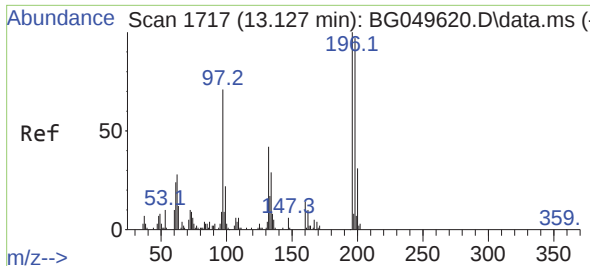
mohammad  
8/24/2021 11:19:04 AM



#42  
2,4,6-Tribromophenol  
Concen: 88.549 ng  
RT: 16.138 min Scan# 2230  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

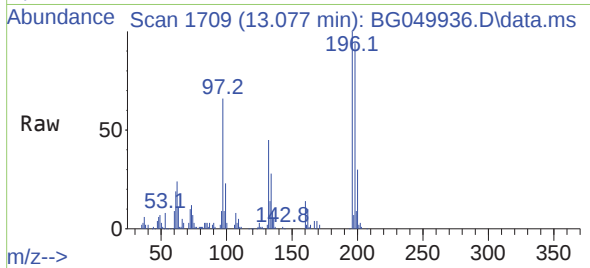
Tgt Ion: 330 Resp: 108080  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.3 115.9  
141 37.0 35.6 53.4





#43  
2,4,6-Trichlorophenol  
Concen: 46.893 ng  
RT: 13.077 min Scan# 1709  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

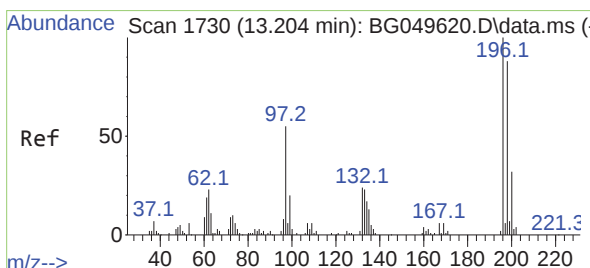
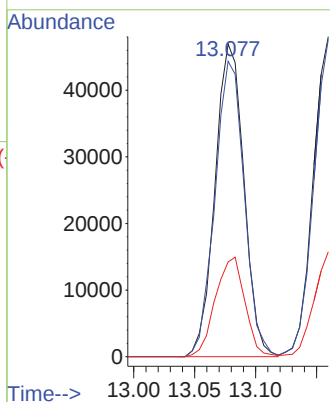
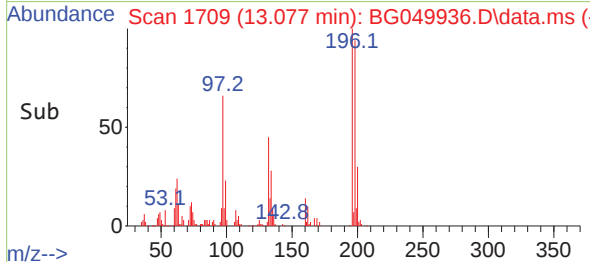
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



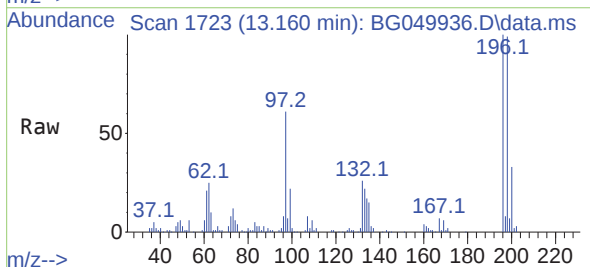
Tgt Ion:196 Resp: 77350  
Ion Ratio Lower Upper  
196 100  
198 94.4 82.1 123.1  
200 30.3 23.8 35.8

Manual Integrations  
APPROVED

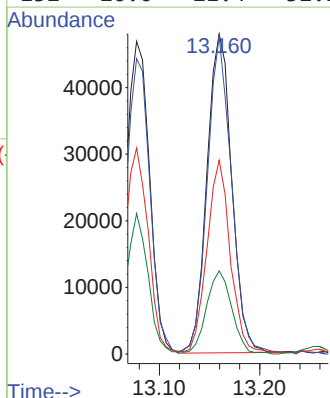
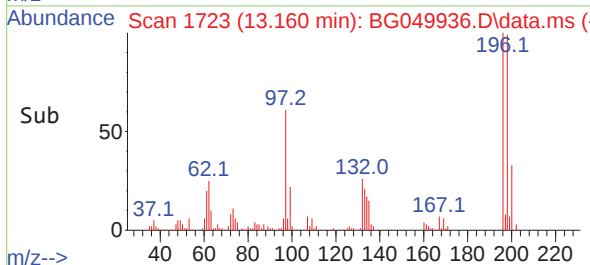
mohammad  
8/24/2021 11:19:04 AM

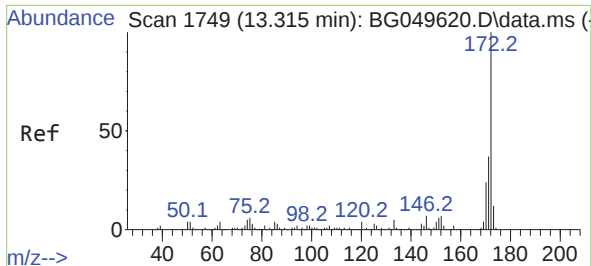


#44  
2,4,5-Trichlorophenol  
Concen: 45.864 ng  
RT: 13.160 min Scan# 1723  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



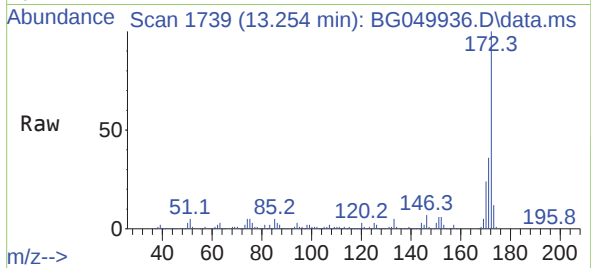
Tgt Ion:196 Resp: 82074  
Ion Ratio Lower Upper  
196 100  
198 99.2 87.4 131.0  
97 60.5 43.3 64.9  
132 26.0 21.4 32.2





#45  
2-Fluorobiphenyl  
Concen: 57.343 ng  
RT: 13.254 min Scan# 1739  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

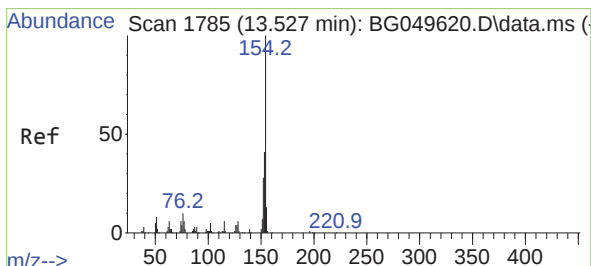
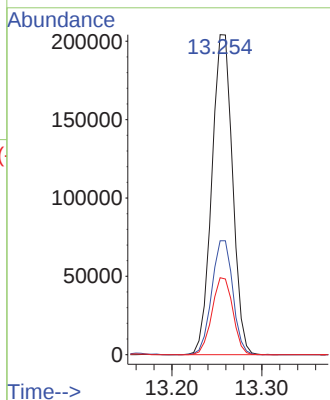
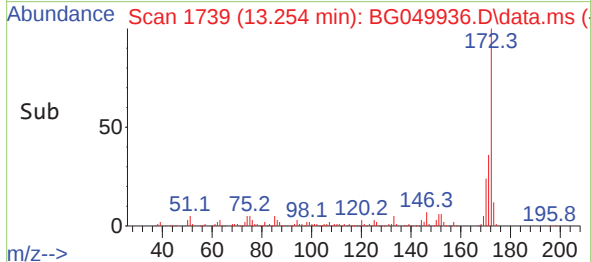
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



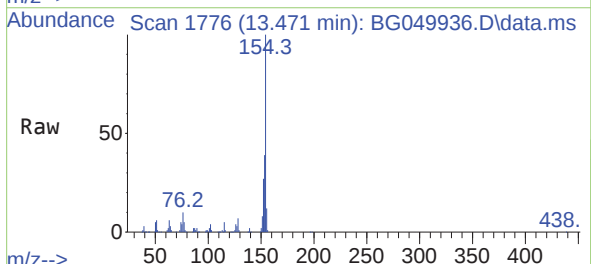
Tgt Ion:172 Resp: 327250  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 43.0  
170 24.1 18.6 27.8

Manual Integrations  
APPROVED

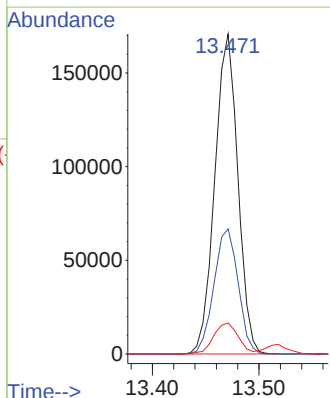
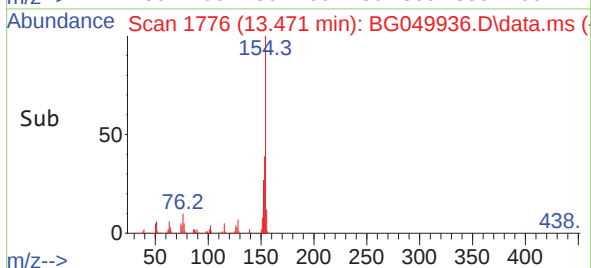
mohammad  
8/24/2021 11:19:04 AM

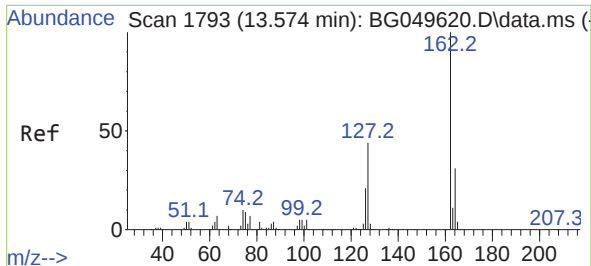


#46  
1,1'-Biphenyl  
Concen: 43.295 ng  
RT: 13.471 min Scan# 1776  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



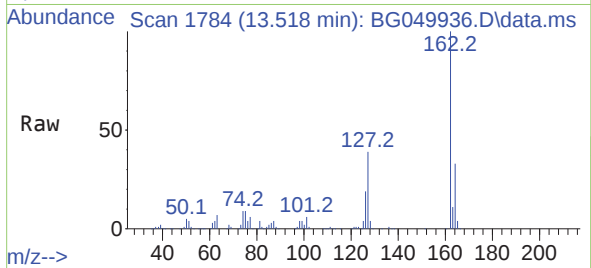
Tgt Ion:154 Resp: 256060  
Ion Ratio Lower Upper  
154 100  
153 39.1 20.5 60.5  
76 9.7 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 44.267 ng  
RT: 13.518 min Scan# 1784  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

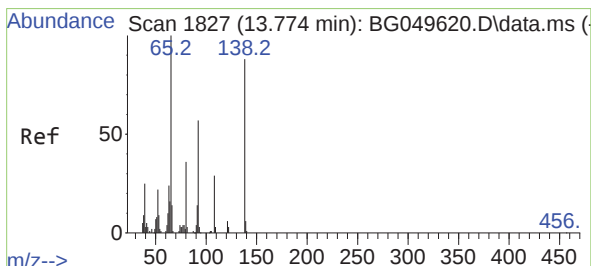
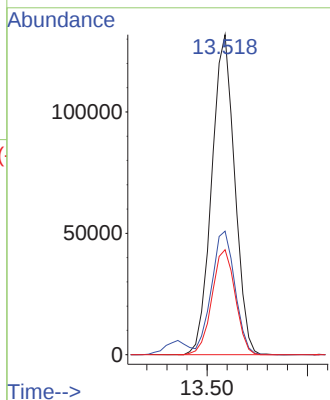
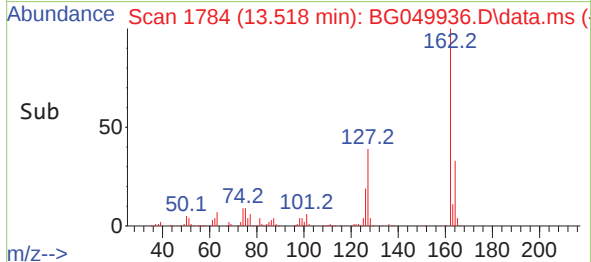
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



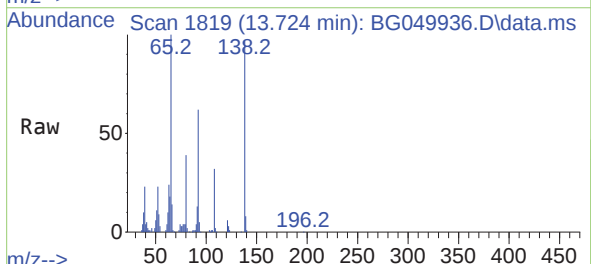
Tgt Ion:162 Resp: 209108  
Ion Ratio Lower Upper  
162 100  
127 38.6 32.7 49.1  
164 32.8 27.0 40.4

Manual Integrations  
APPROVED

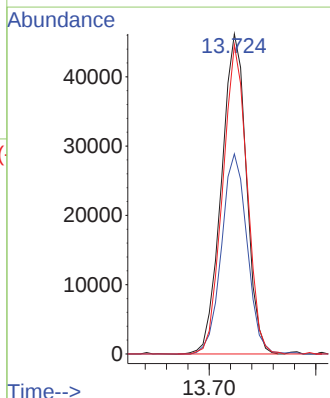
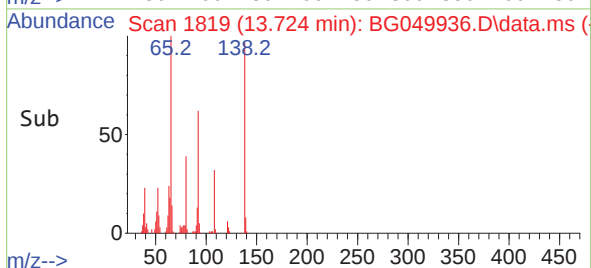
mohammad  
8/24/2021 11:19:04 AM

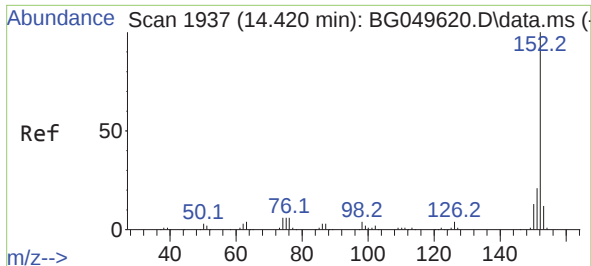


#48  
2-Nitroaniline  
Concen: 43.188 ng  
RT: 13.724 min Scan# 1819  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



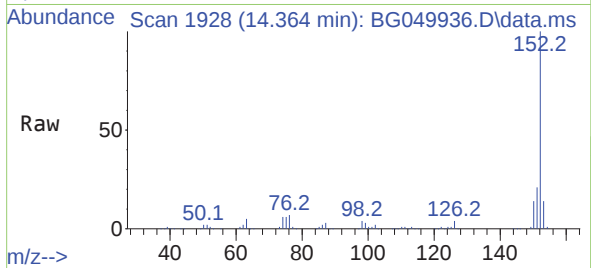
Tgt Ion: 65 Resp: 74911  
Ion Ratio Lower Upper  
65 100  
92 62.5 47.2 70.8  
138 96.6 68.0 102.0





#49  
Acenaphthylene  
Concen: 43.586 ng  
RT: 14.364 min Scan# 1928  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

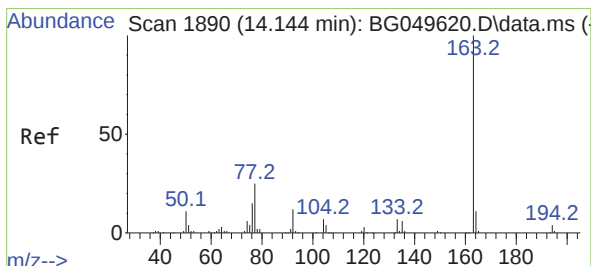
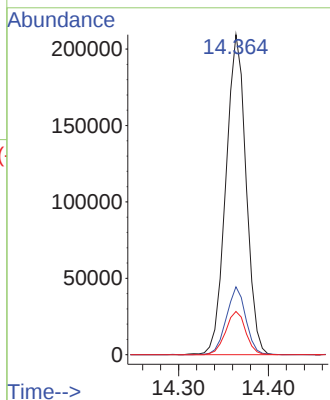
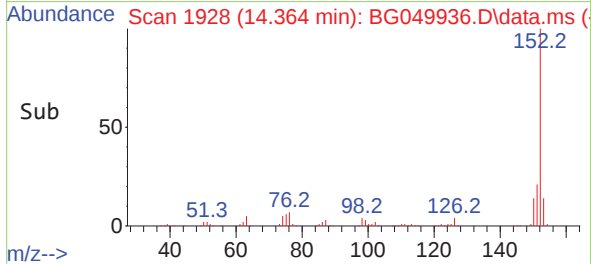
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



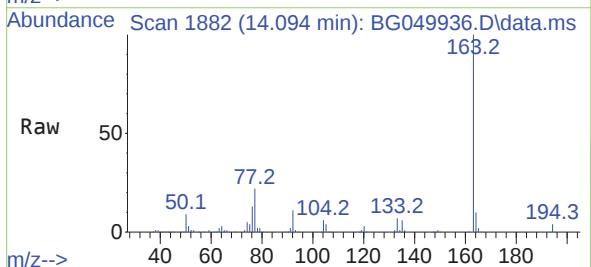
Tgt Ion:152 Resp: 326329  
Ion Ratio Lower Upper  
152 100  
151 21.2 18.2 27.4  
153 13.5 11.7 17.5

Manual Integrations  
APPROVED

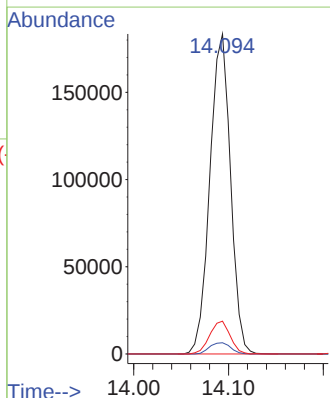
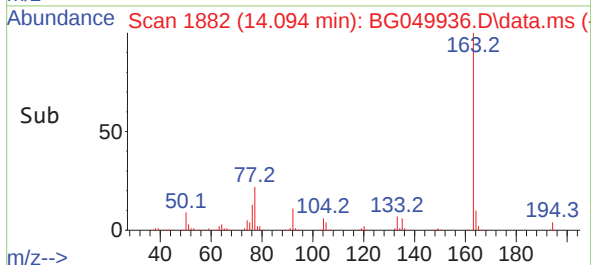
mohammad  
8/24/2021 11:19:04 AM

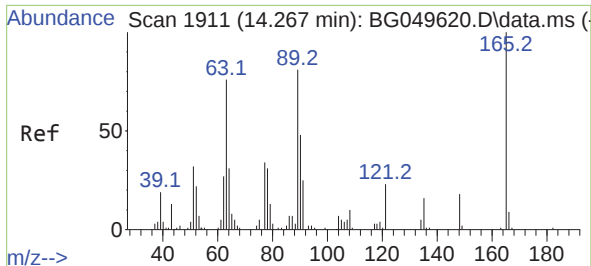


#50  
Dimethylphthalate  
Concen: 44.226 ng  
RT: 14.094 min Scan# 1882  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



Tgt Ion:163 Resp: 277081  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.0 4.6  
164 10.3 8.6 12.8





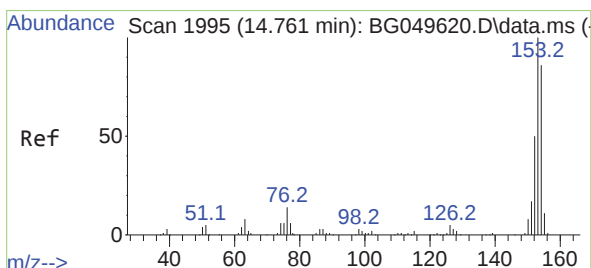
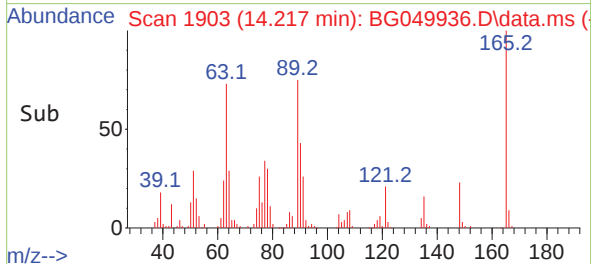
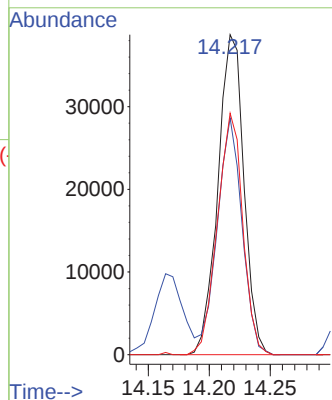
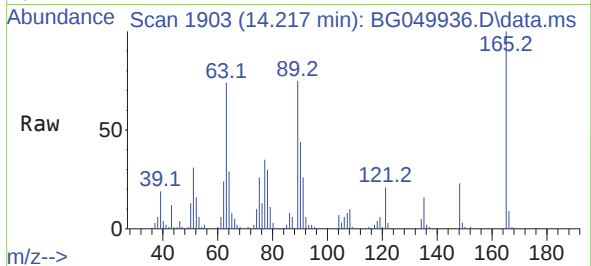
#51  
2,6-Dinitrotoluene  
Concen: 41.582 ng  
RT: 14.217 min Scan# 1903  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 57360 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 74.0  | 63.3  | 94.9  |
| 89        | 75.4  | 63.4  | 95.0  |

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

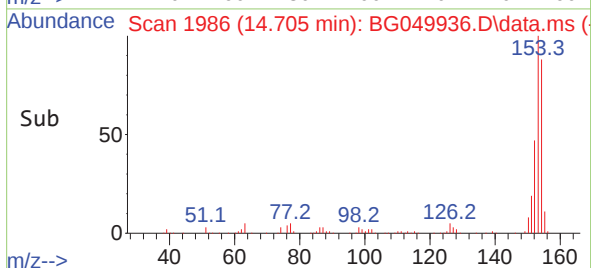
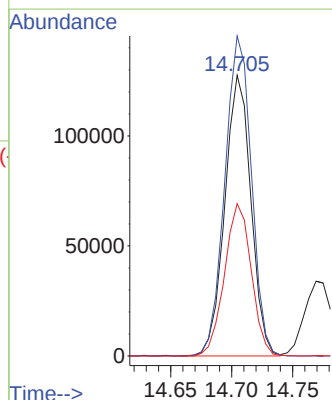
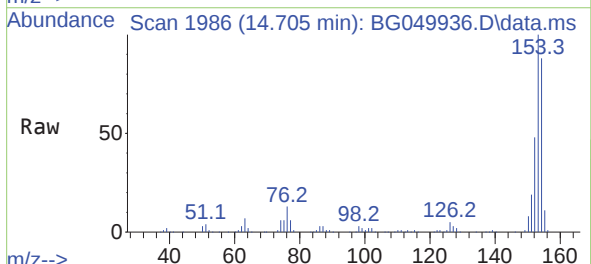
Manual Integrations  
APPROVED

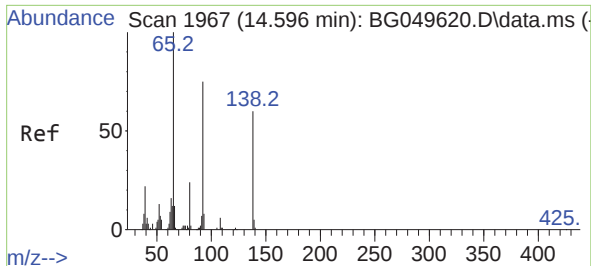
mohammad  
8/24/2021 11:19:04 AM



#52  
Acenaphthene  
Concen: 42.095 ng  
RT: 14.705 min Scan# 1986  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

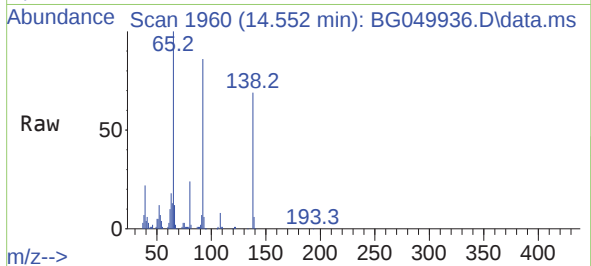
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 189854 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.0 | 87.0  | 130.4  |
| 152       | 54.3  | 40.1  | 60.1   |





#53  
3-Nitroaniline  
Concen: 33.486 ng  
RT: 14.552 min Scan# 1960  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

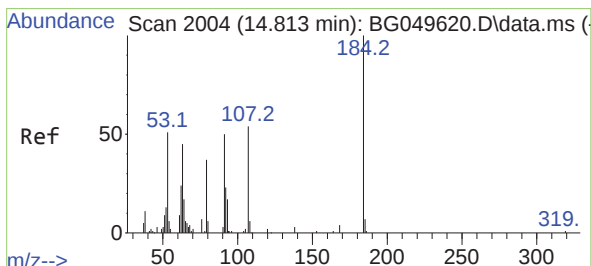
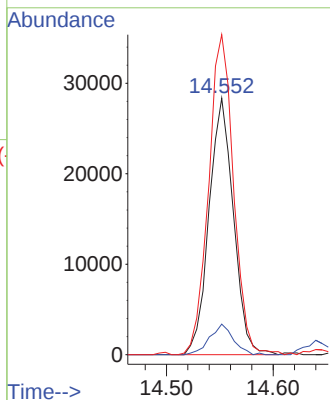
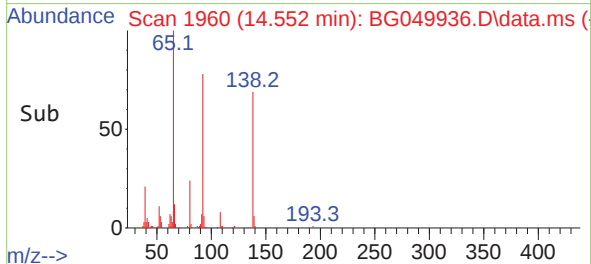
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



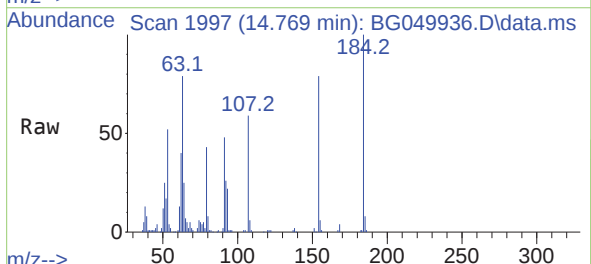
Tgt Ion:138 Resp: 45046  
Ion Ratio Lower Upper  
138 100  
108 11.9 8.3 12.5  
92 124.8 96.4 144.6

Manual Integrations  
APPROVED

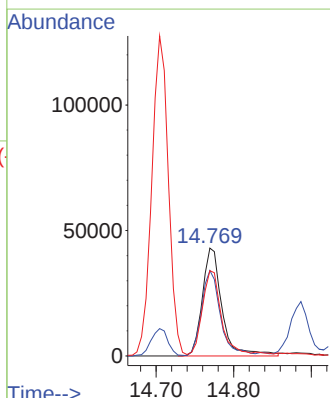
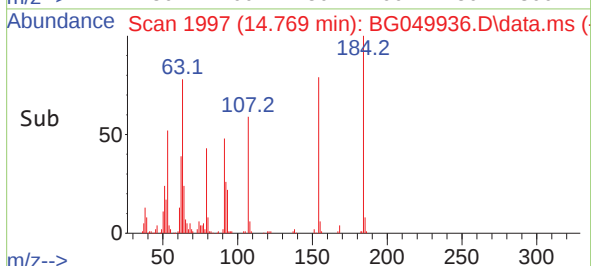
mohammad  
8/24/2021 11:19:04 AM

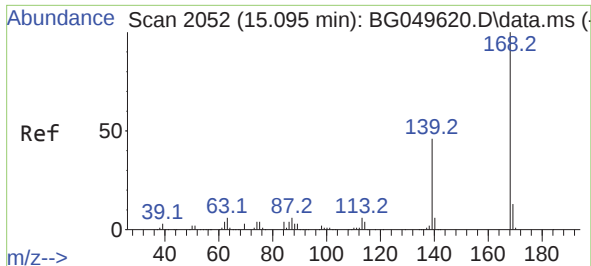


#54  
2,4-Dinitrophenol  
Concen: 96.852 ng  
RT: 14.769 min Scan# 1997  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

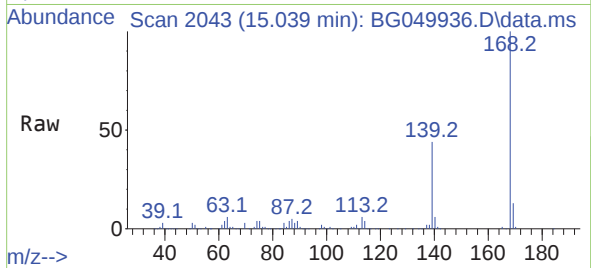


Tgt Ion:184 Resp: 75847  
Ion Ratio Lower Upper  
184 100  
63 79.3 68.3 102.5  
154 79.1 62.6 93.8

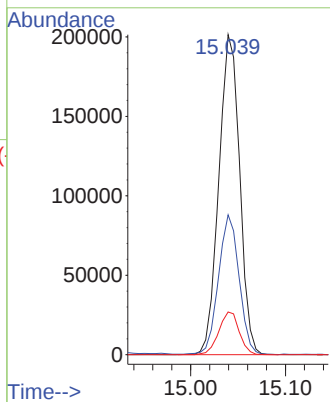
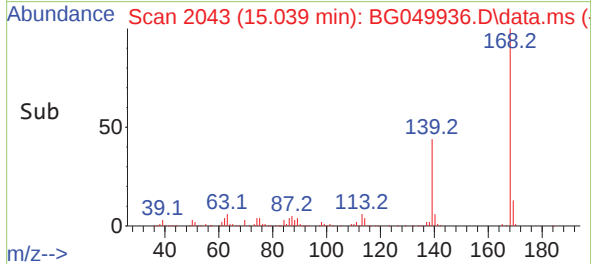




#55  
Dibenzofuran  
Concen: 42.035 ng  
RT: 15.039 min Scan# 2043  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



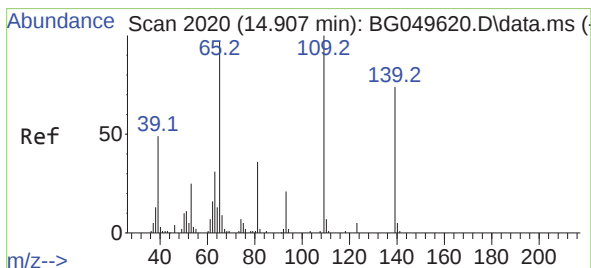
Tgt Ion:168 Resp: 307556  
Ion Ratio Lower Upper  
168 100  
139 43.7 33.4 50.2  
169 13.4 12.3 18.5



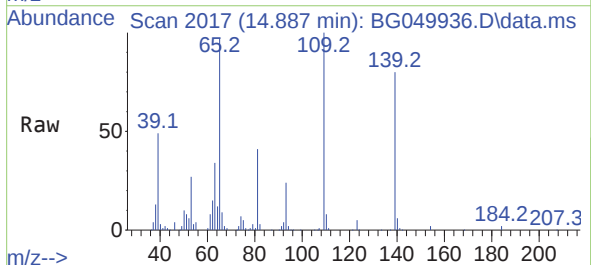
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

Manual Integrations  
APPROVED

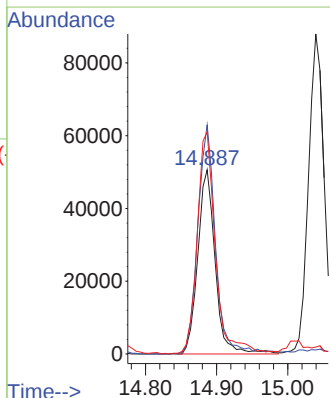
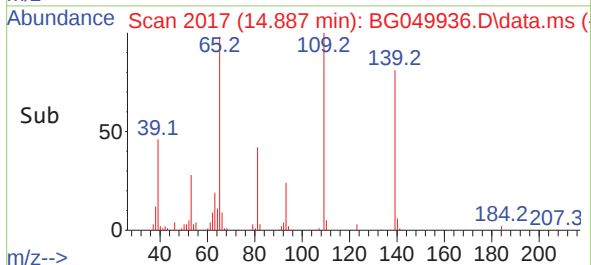
mohammad  
8/24/2021 11:19:04 AM

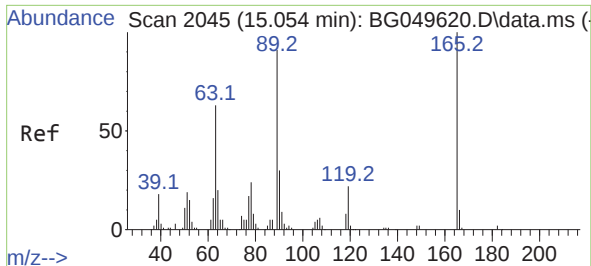


#56  
4-Nitrophenol  
Concen: 88.042 ng  
RT: 14.887 min Scan# 2017  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

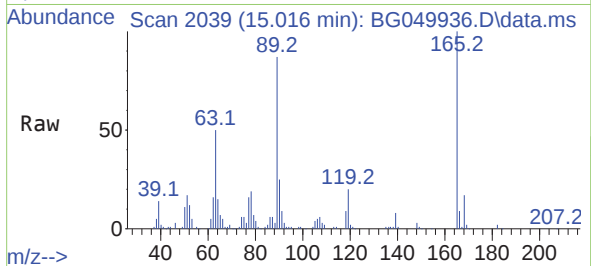


Tgt Ion:139 Resp: 86525  
Ion Ratio Lower Upper  
139 100  
109 124.3 116.3 156.3  
65 120.6 105.0 145.0

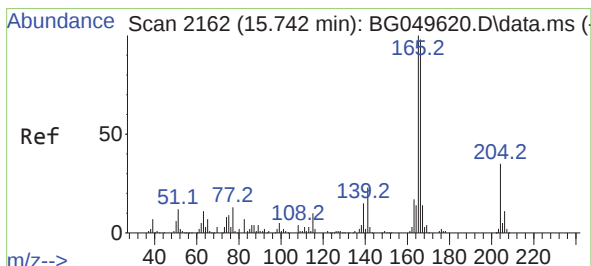
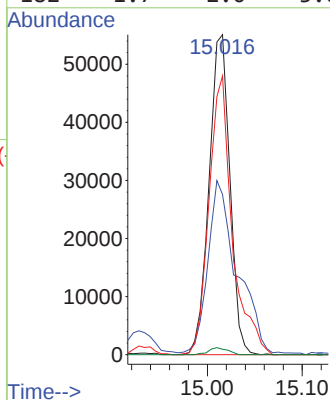
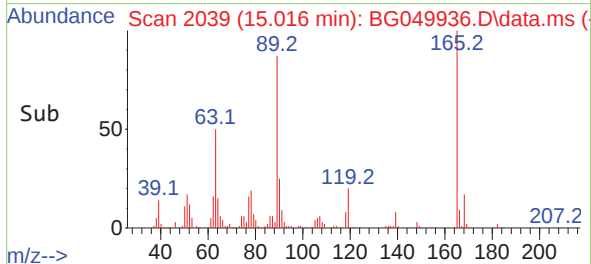




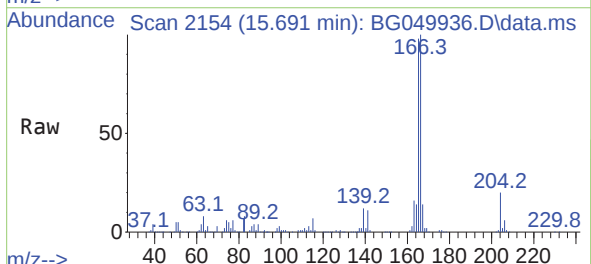
#57  
2,4-Dinitrotoluene  
Concen: 43.408 ng  
RT: 15.016 min Scan# 2039  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



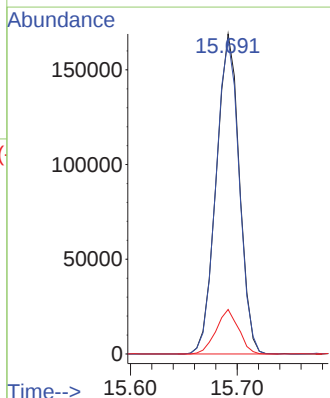
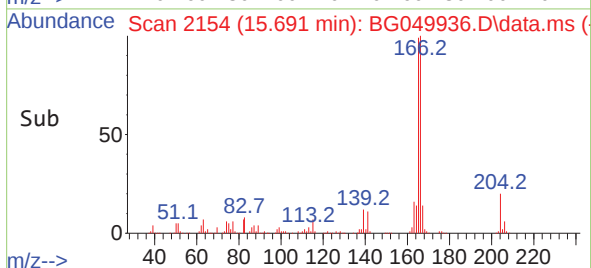
Tgt Ion:165 Resp: 84100  
Ion Ratio Lower Upper  
165 100  
63 50.1 48.0 72.0  
89 87.1 65.4 98.0  
182 1.7 2.0 3.0#



#58  
Fluorene  
Concen: 42.739 ng  
RT: 15.691 min Scan# 2154  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



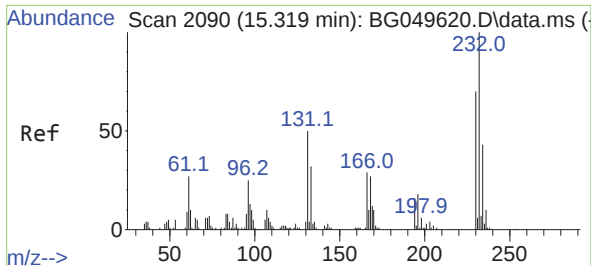
Tgt Ion:166 Resp: 254168  
Ion Ratio Lower Upper  
166 100  
165 98.3 77.7 116.5  
167 13.9 10.8 16.2



Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

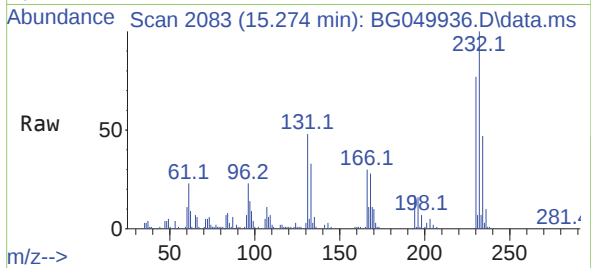
Manual Integrations  
APPROVED

mohammad  
8/24/2021 11:19:04 AM



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.294 ng  
RT: 15.274 min Scan# 2083  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

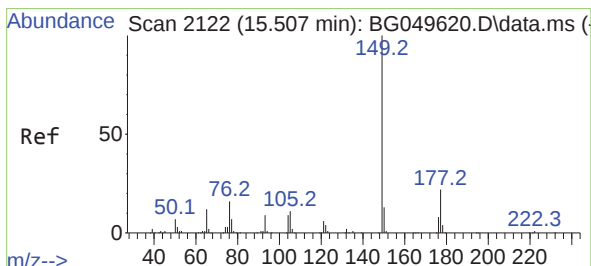
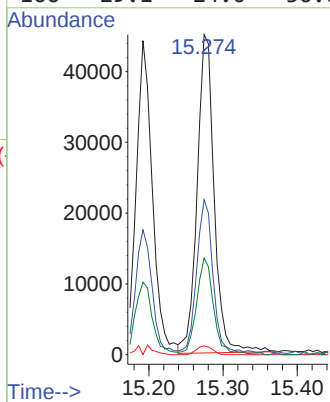
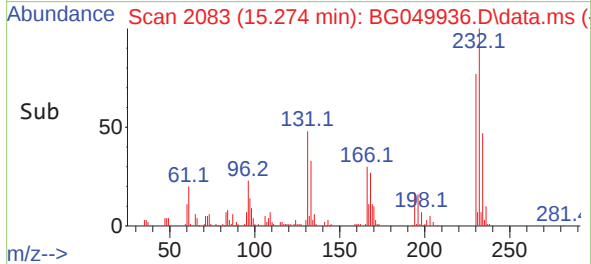
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



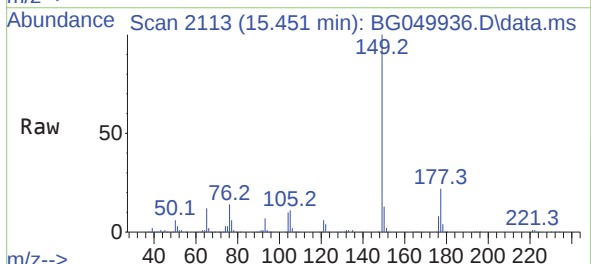
Tgt Ion:232 Resp: 71956  
Ion Ratio Lower Upper  
232 100  
131 46.2 37.2 55.8  
130 2.6 2.8 4.2#  
166 29.1 24.0 36.0

Manual Integrations  
APPROVED

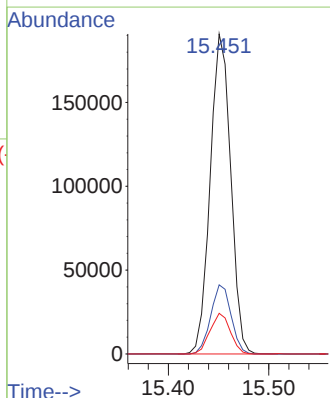
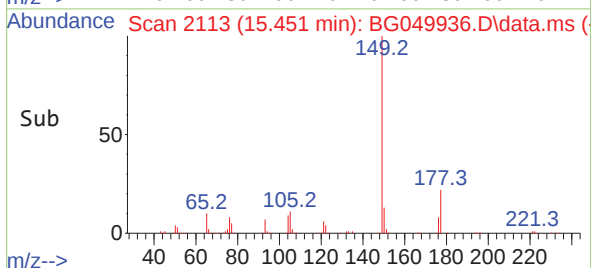
mohammad  
8/24/2021 11:19:04 AM

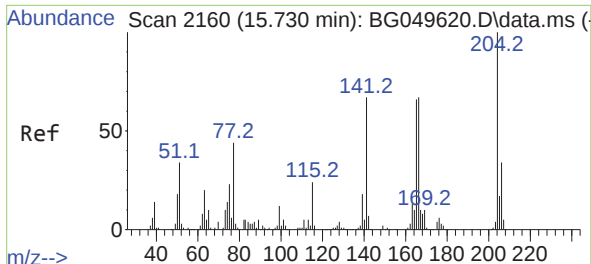


#60  
Diethylphthalate  
Concen: 42.966 ng  
RT: 15.451 min Scan# 2113  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



Tgt Ion:149 Resp: 270737  
Ion Ratio Lower Upper  
149 100  
177 21.6 19.0 28.6  
150 12.7 10.2 15.4





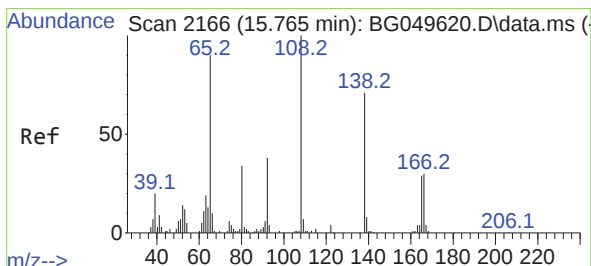
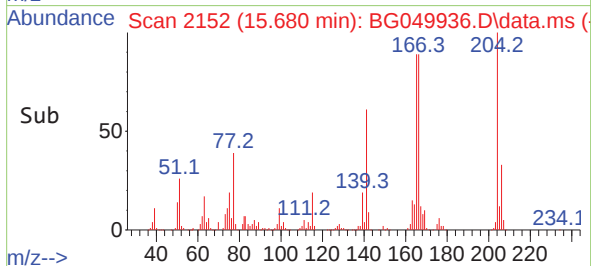
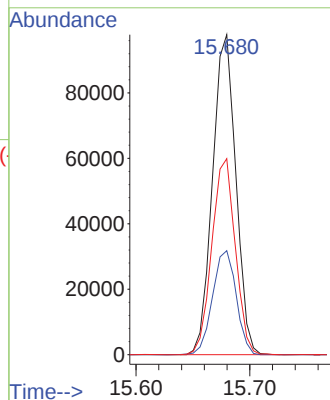
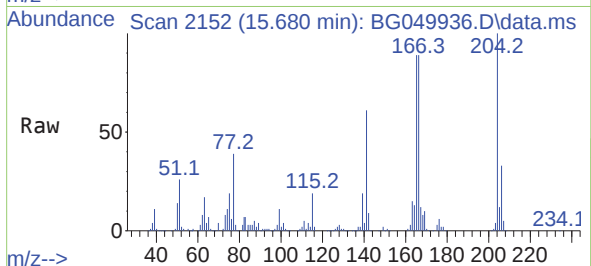
#61  
4-Chlorophenyl-phenylether  
Concen: 43.829 ng  
RT: 15.680 min Scan# 2152  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

Tgt Ion:204 Resp: 139117  
Ion Ratio Lower Upper  
204 100  
206 32.5 24.6 37.0  
141 61.3 47.8 71.8

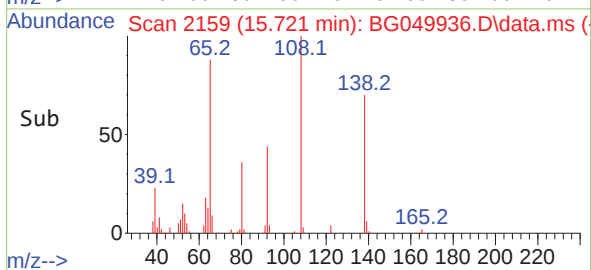
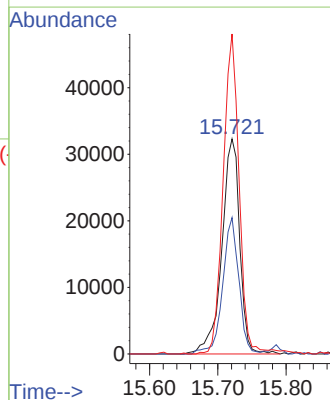
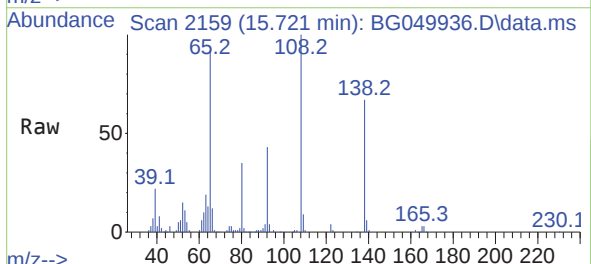
Manual Integrations  
APPROVED

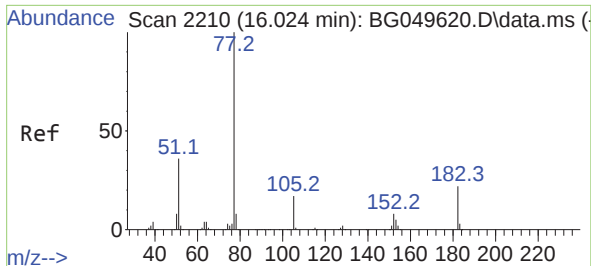
mohammad  
8/24/2021 11:19:04 AM



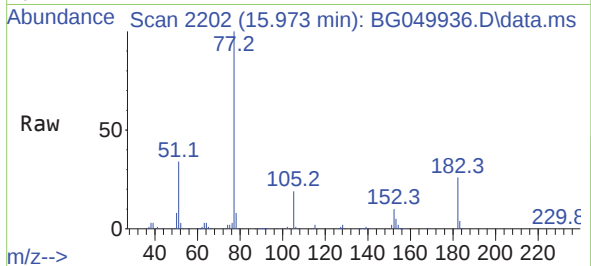
#62  
4-Nitroaniline  
Concen: 42.721 ng  
RT: 15.721 min Scan# 2159  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:138 Resp: 59115  
Ion Ratio Lower Upper  
138 100  
92 63.4 32.3 72.3  
108 148.8 132.4 172.4

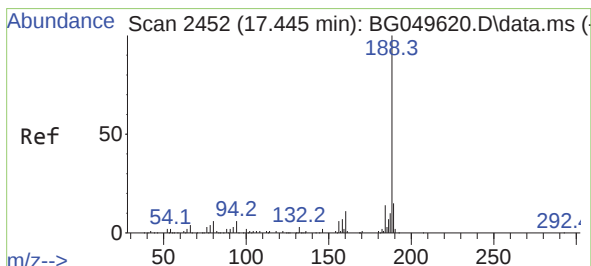
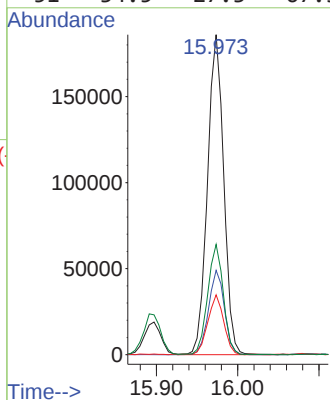
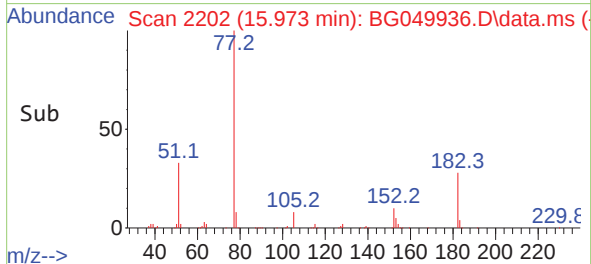




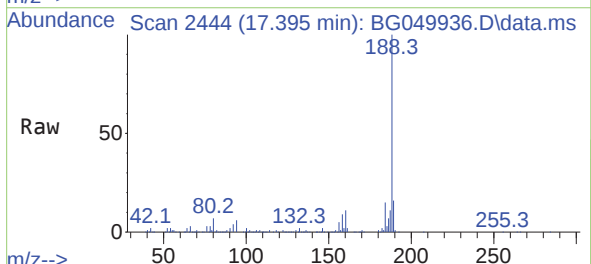
#63  
Azobenzene  
Concen: 38.701 ng  
RT: 15.973 min Scan# 2202  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



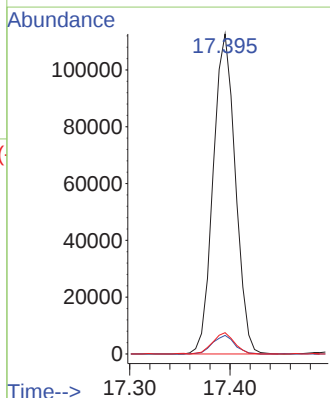
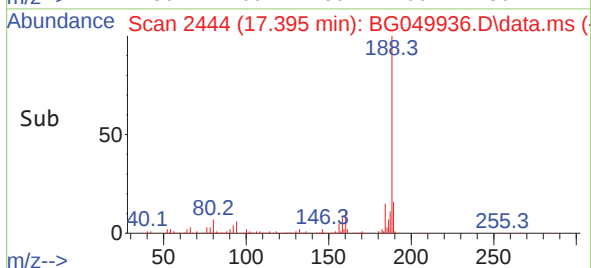
Tgt Ion: 77 Resp: 258113  
Ion Ratio Lower Upper  
77 100  
182 26.3 7.9 47.9  
105 18.7 0.0 37.9  
51 34.5 27.3 67.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.395 min Scan# 2444  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



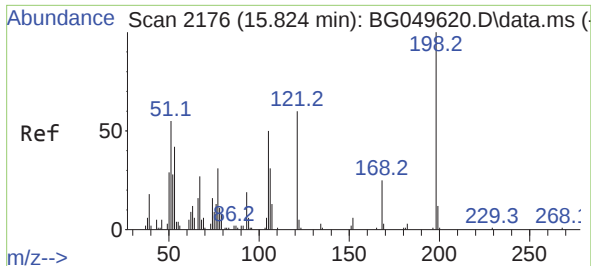
Tgt Ion: 188 Resp: 172979  
Ion Ratio Lower Upper  
188 100  
94 5.8 5.4 8.0  
80 6.6 3.7 5.5



Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

Manual Integrations  
APPROVED

mohammad  
8/24/2021 11:19:04 AM



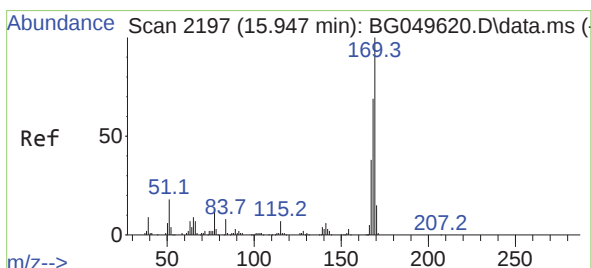
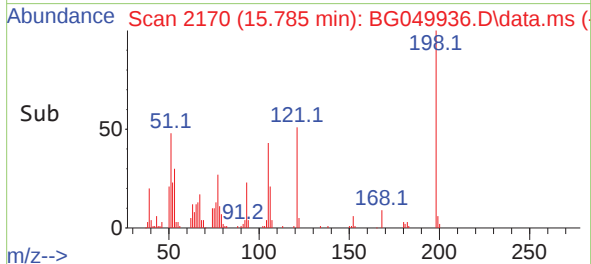
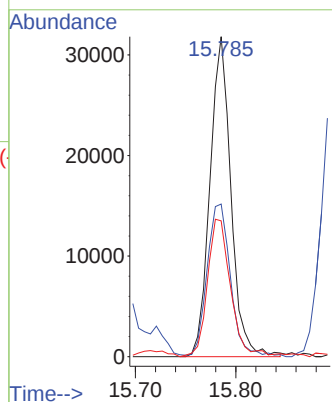
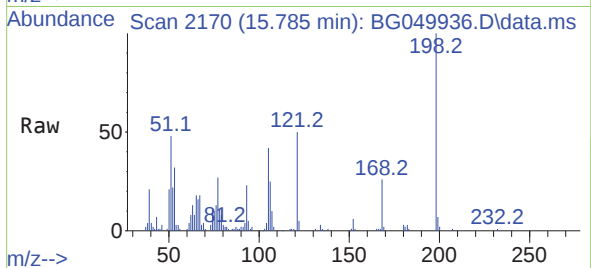
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.680 ng  
RT: 15.785 min Scan# 2170  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 47.7  | 29.4  | 69.4  |
| 105     | 42.5  | 15.1  | 55.1  |

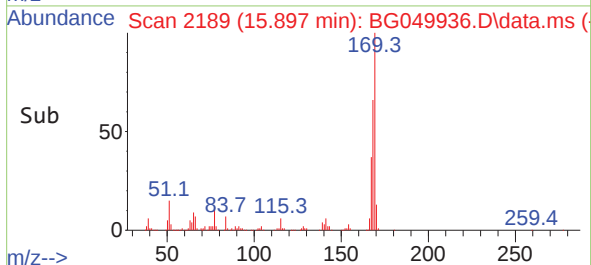
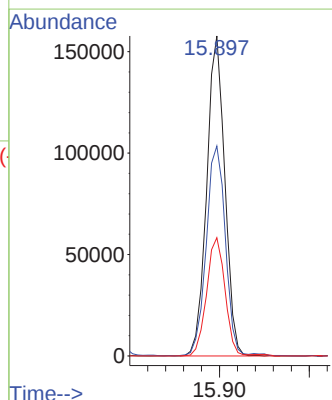
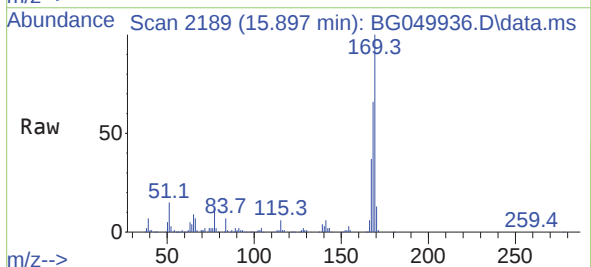
Manual Integrations  
APPROVED

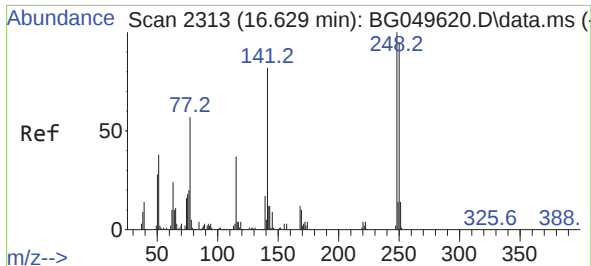
mohammad  
8/24/2021 11:19:04 AM



#66  
n-Nitrosodiphenylamine  
Concen: 45.090 ng  
RT: 15.897 min Scan# 2189  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

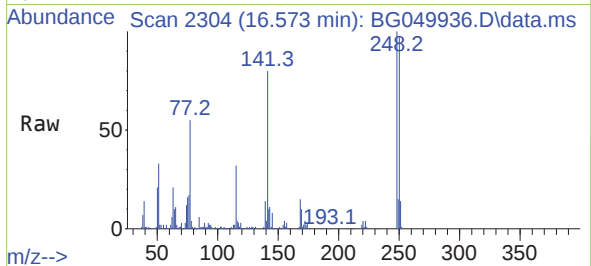
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.6  | 56.3  | 84.5  |
| 167     | 37.0  | 28.4  | 42.6  |





#67  
4-Bromophenyl-phenylether  
Concen: 45.514 ng  
RT: 16.573 min Scan# 2304  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

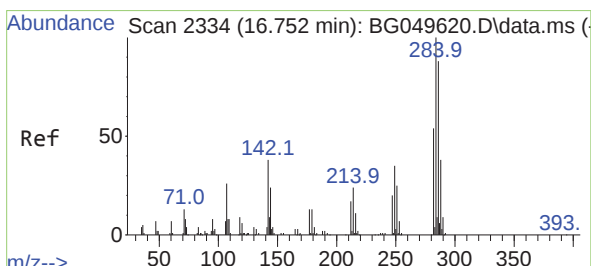
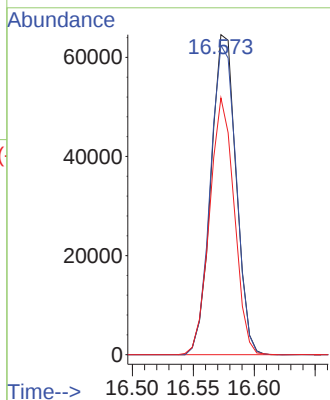
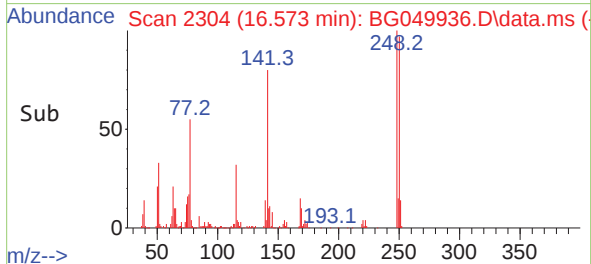
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



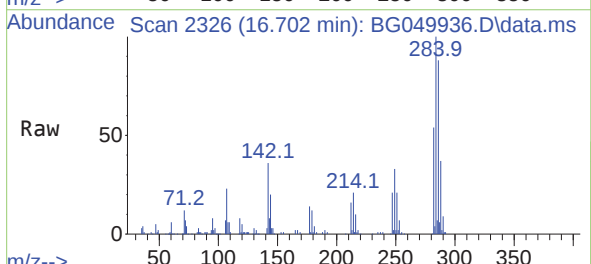
Tgt Ion:248 Resp: 92723  
Ion Ratio Lower Upper  
248 100  
250 96.7 76.1 114.1  
141 80.2 65.4 98.2

Manual Integrations  
APPROVED

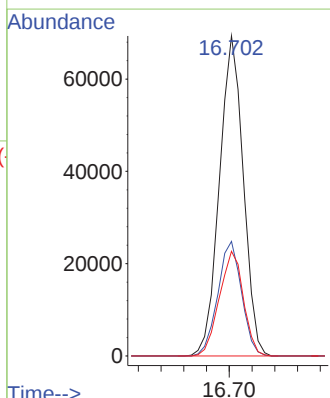
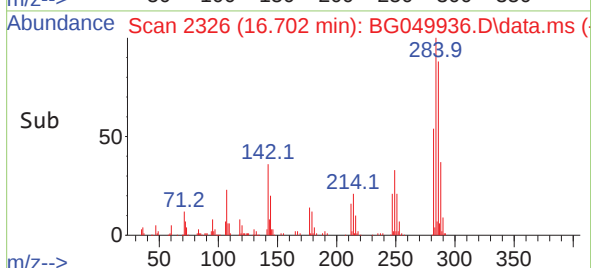
mohammad  
8/24/2021 11:19:04 AM

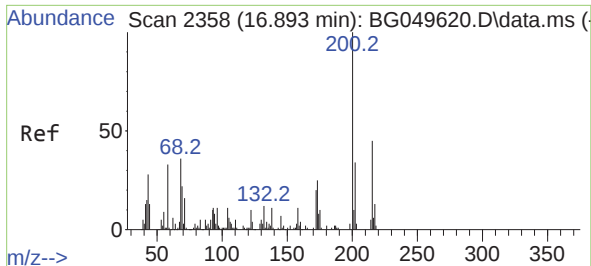


#68  
Hexachlorobenzene  
Concen: 44.631 ng  
RT: 16.702 min Scan# 2326  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



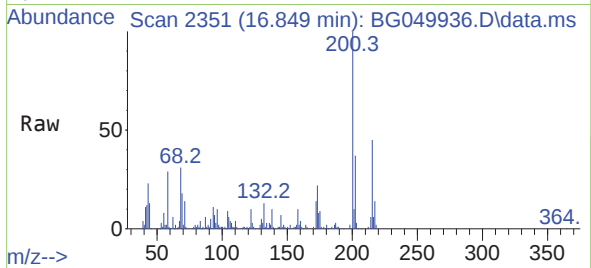
Tgt Ion:284 Resp: 101017  
Ion Ratio Lower Upper  
284 100  
142 35.8 27.0 40.6  
249 32.7 28.2 42.2





#69  
Atrazine  
Concen: 48.407 ng  
RT: 16.849 min Scan# 2351  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

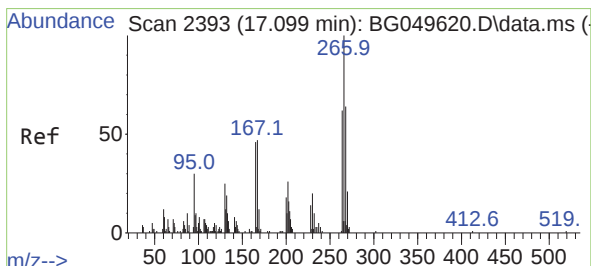
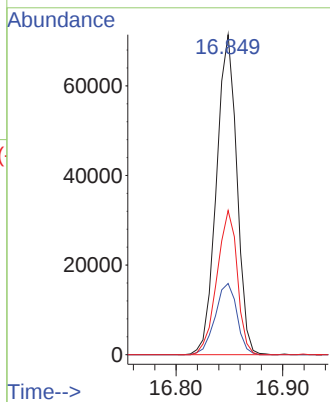
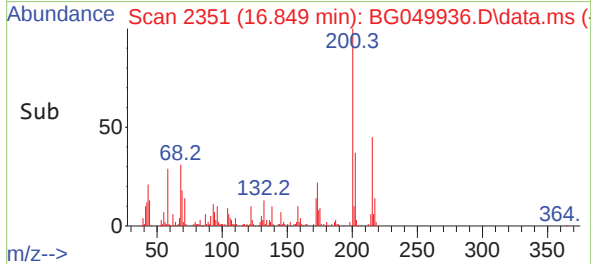
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



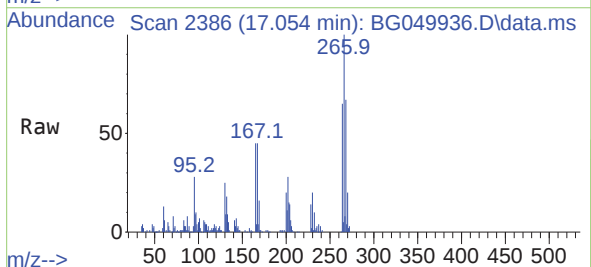
Tgt Ion:200 Resp: 94642  
Ion Ratio Lower Upper  
200 100  
173 22.3 3.7 43.7  
215 45.1 26.9 66.9

Manual Integrations  
APPROVED

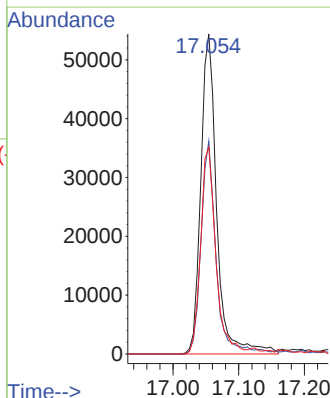
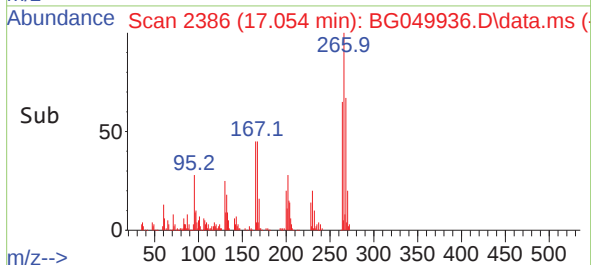
mohammad  
8/24/2021 11:19:04 AM

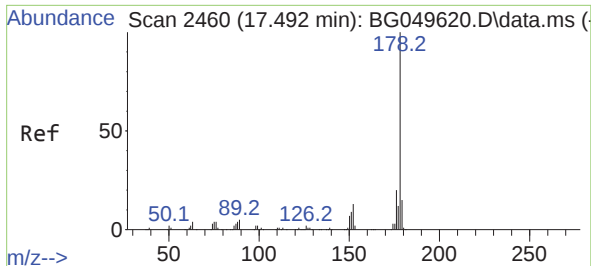


#70  
Pentachlorophenol  
Concen: 75.713 ng  
RT: 17.054 min Scan# 2386  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



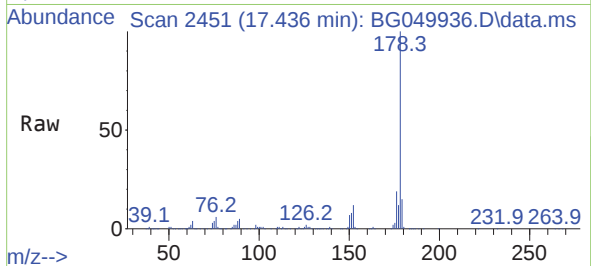
Tgt Ion:266 Resp: 91890  
Ion Ratio Lower Upper  
266 100  
268 66.5 49.0 73.4  
264 64.6 49.0 73.6





#71  
Phenanthrene  
Concen: 43.711 ng  
RT: 17.436 min Scan# 2451  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

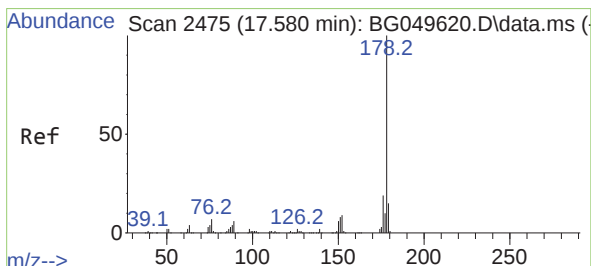
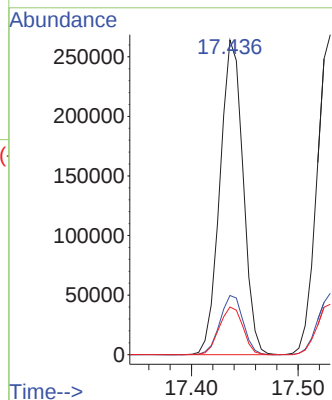
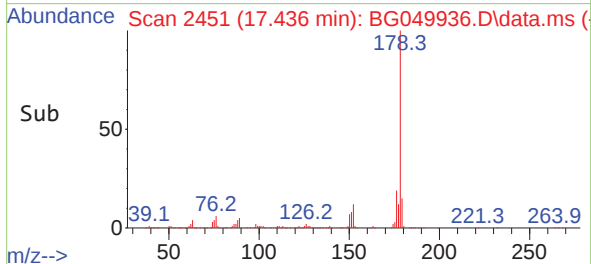
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



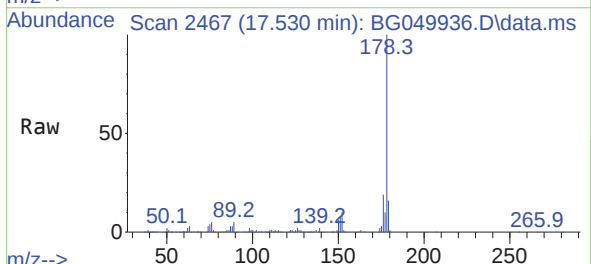
Tgt Ion:178 Resp: 397798  
Ion Ratio Lower Upper  
178 100  
176 18.8 16.0 24.0  
179 15.1 14.2 21.4

Manual Integrations  
APPROVED

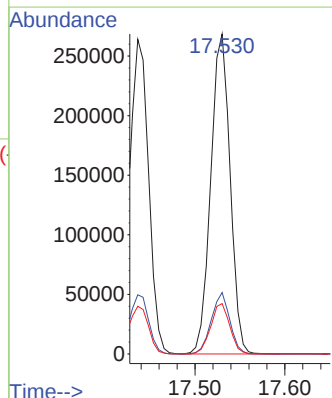
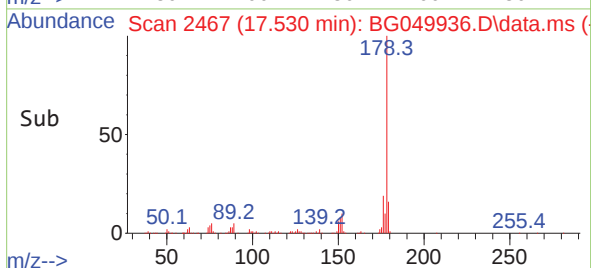
mohammad  
8/24/2021 11:19:04 AM

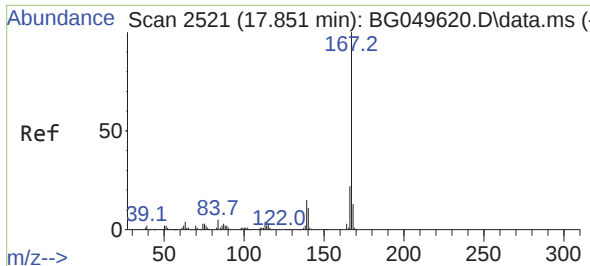


#72  
Anthracene  
Concen: 44.906 ng  
RT: 17.530 min Scan# 2467  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



Tgt Ion:178 Resp: 401357  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.6 21.8  
179 15.7 13.4 20.0





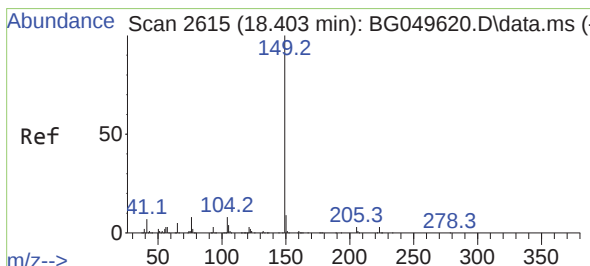
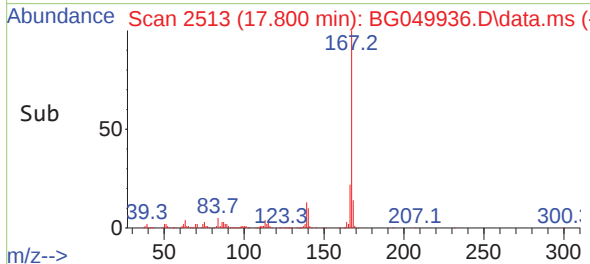
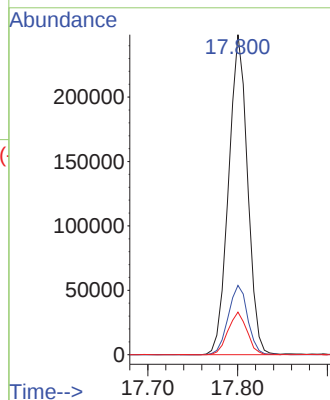
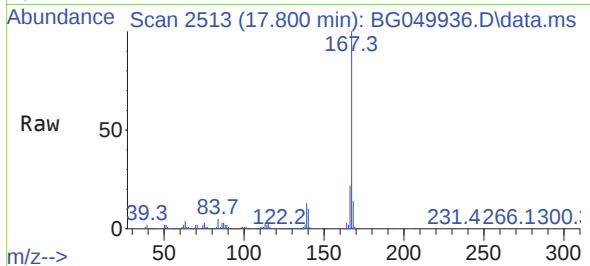
#73  
Carbazole  
Concen: 42.979 ng  
RT: 17.800 min Scan# 2513  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:167 Resp: 363819  
Ion Ratio Lower Upper  
167 100  
166 21.7 17.4 26.2  
139 13.3 10.7 16.1

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

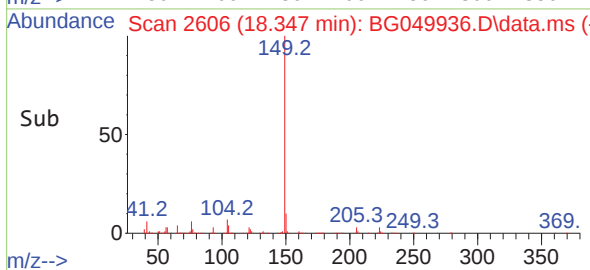
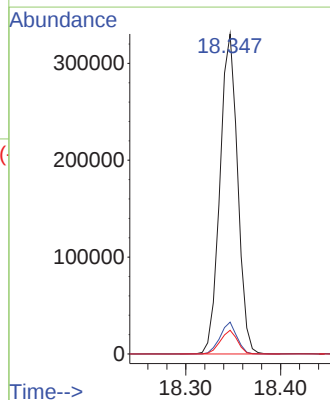
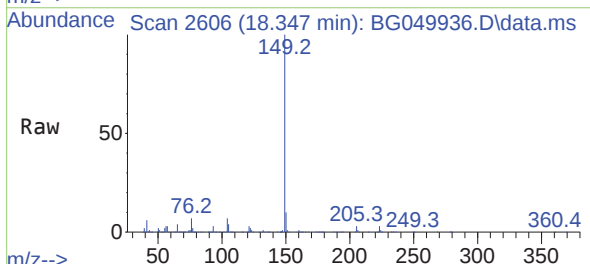
Manual Integrations  
APPROVED

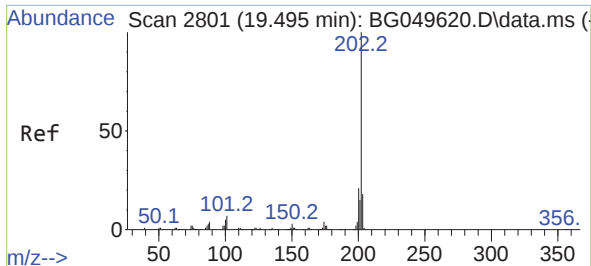
mohammad  
8/24/2021 11:19:04 AM



#74  
Di-n-butylphthalate  
Concen: 43.415 ng  
RT: 18.347 min Scan# 2606  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

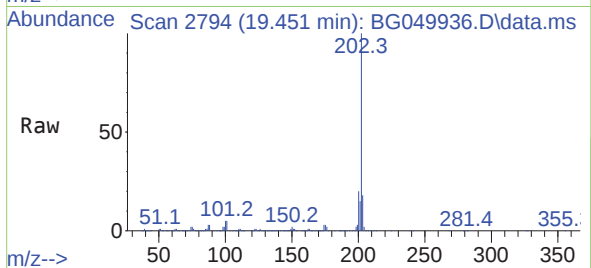
Tgt Ion:149 Resp: 428410  
Ion Ratio Lower Upper  
149 100  
150 9.9 7.5 11.3  
104 7.4 6.6 10.0





#75  
Fluoranthene  
Concen: 40.450 ng  
RT: 19.451 min Scan# 2794  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

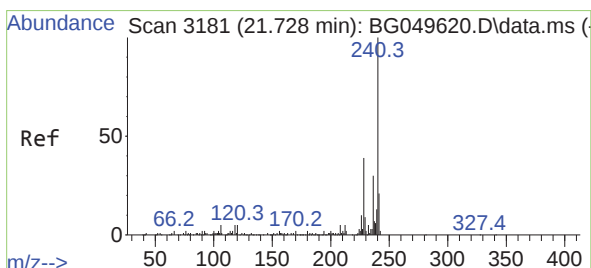
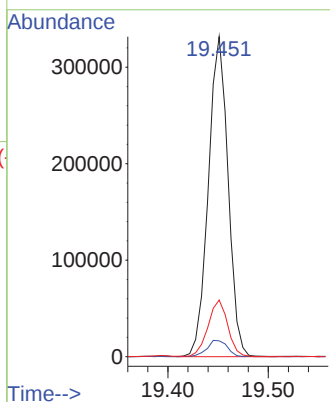
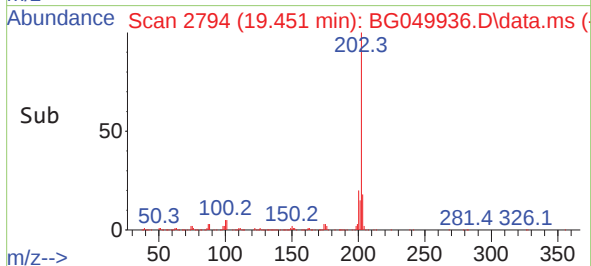
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



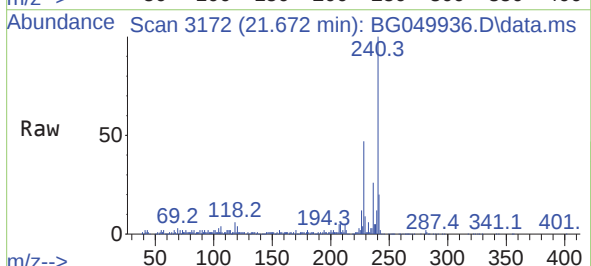
Tgt Ion:202 Resp: 452996  
Ion Ratio Lower Upper  
202 100  
101 4.9 0.0 24.7  
203 17.7 0.0 38.5

Manual Integrations  
APPROVED

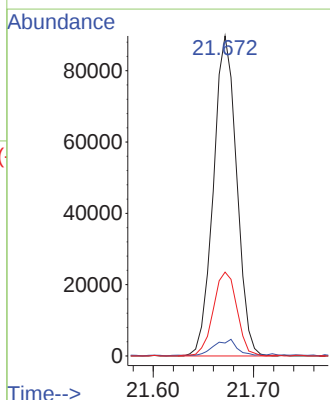
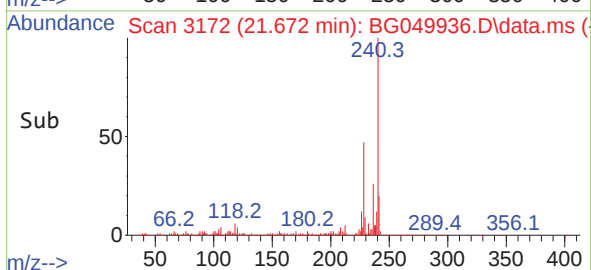
mohammad  
8/24/2021 11:19:04 AM

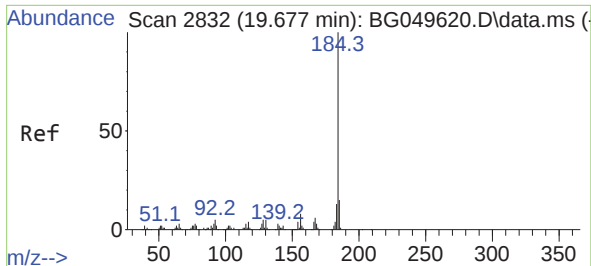


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.672 min Scan# 3172  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



Tgt Ion:240 Resp: 144290  
Ion Ratio Lower Upper  
240 100  
120 4.1 4.2 6.2#  
236 26.2 21.8 32.6





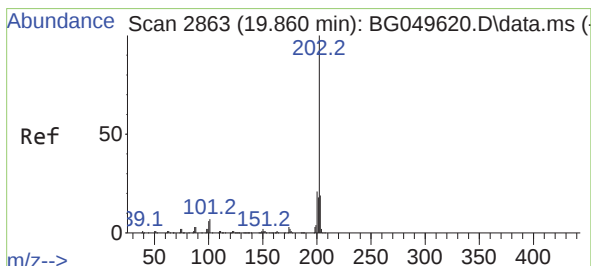
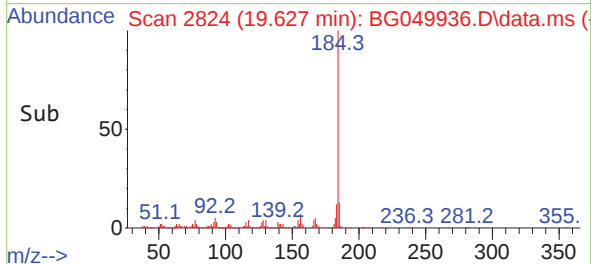
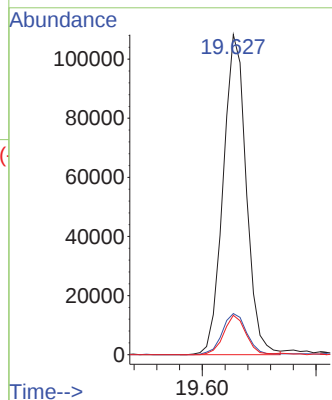
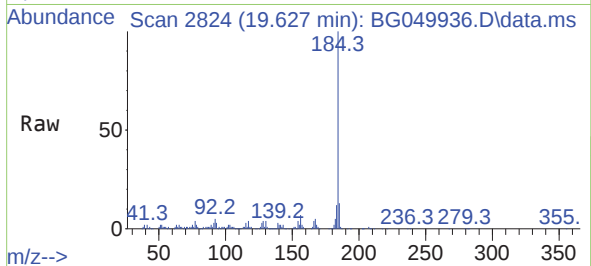
#77  
Benzidine  
Concen: 41.256 ng  
RT: 19.627 min Scan# 2824  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:184 Resp: 152524  
Ion Ratio Lower Upper  
184 100  
185 12.9 10.7 16.1  
183 12.3 9.4 14.0

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

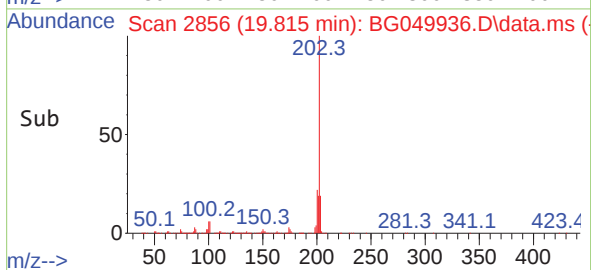
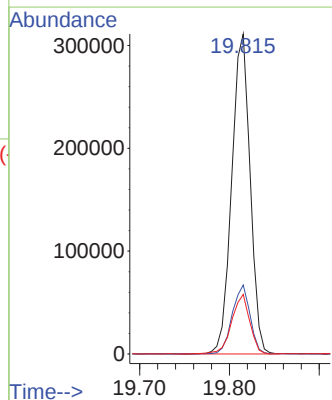
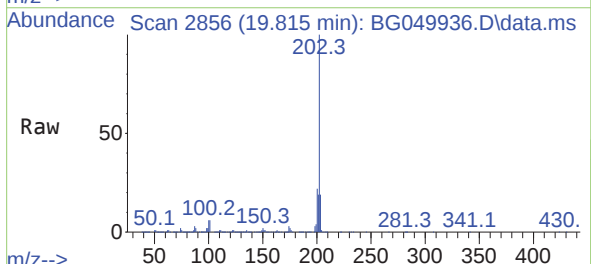
Manual Integrations  
APPROVED

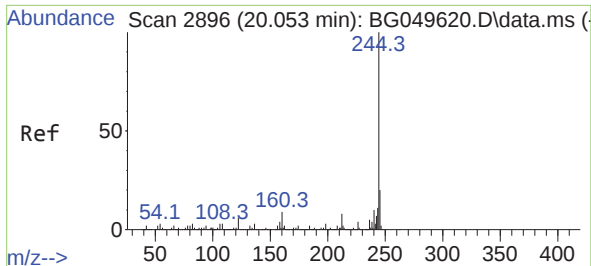
mohammad  
8/24/2021 11:19:04 AM



#78  
Pyrene  
Concen: 44.909 ng  
RT: 19.815 min Scan# 2856  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:202 Resp: 441763  
Ion Ratio Lower Upper  
202 100  
200 21.6 15.8 23.8  
203 18.6 14.6 21.8





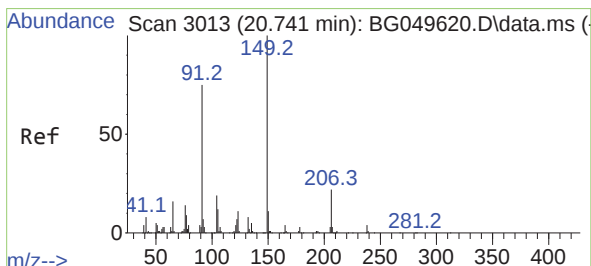
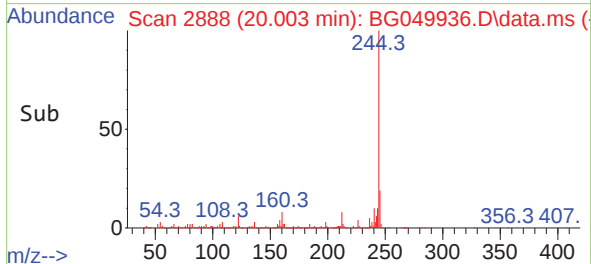
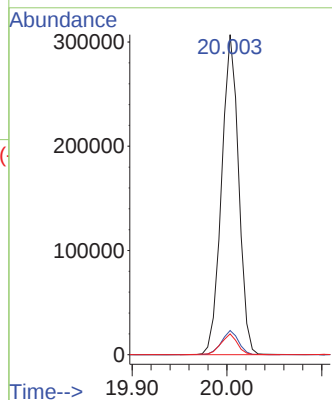
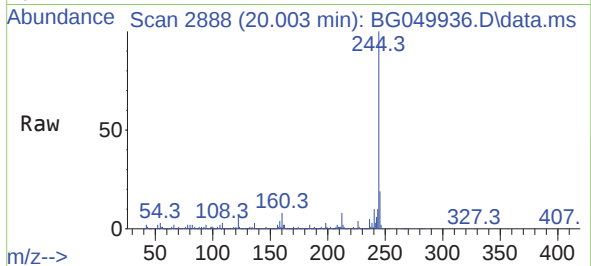
#79  
Terphenyl-d14  
Concen: 48.347 ng  
RT: 20.003 min Scan# 2888  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:244 Resp: 384100  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.9 10.3  
122 6.5 5.0 7.6

Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

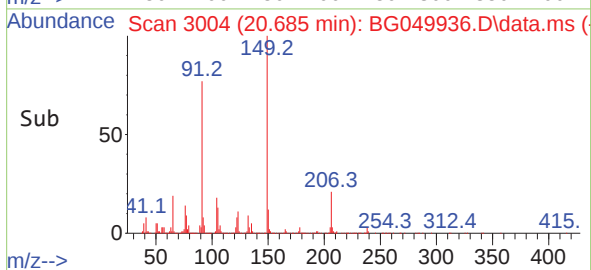
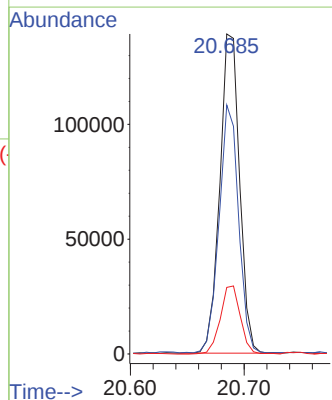
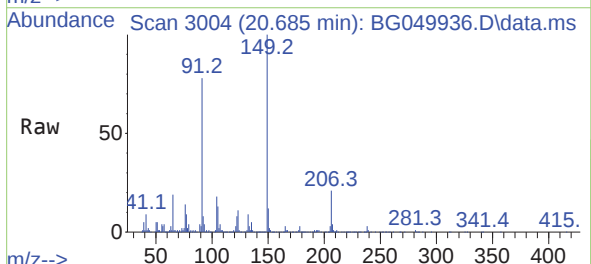
Manual Integrations  
APPROVED

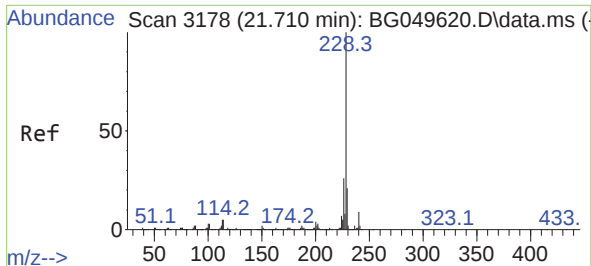
mohammad  
8/24/2021 11:19:04 AM



#80  
Butylbenzylphthalate  
Concen: 44.903 ng  
RT: 20.685 min Scan# 3004  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

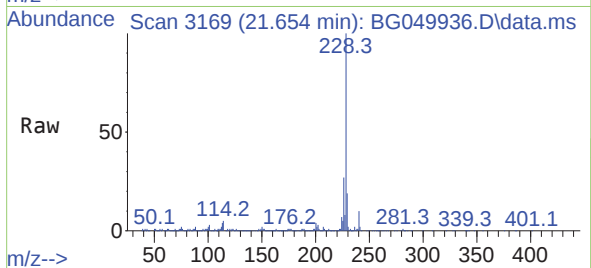
Tgt Ion:149 Resp: 168222  
Ion Ratio Lower Upper  
149 100  
91 77.8 63.4 95.2  
206 20.8 18.4 27.6





#81  
Benzo(a)anthracene  
Concen: 42.310 ng  
RT: 21.654 min Scan# 3169  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

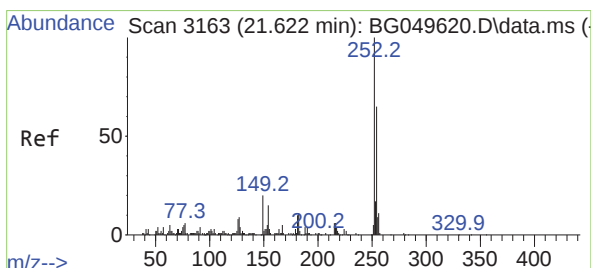
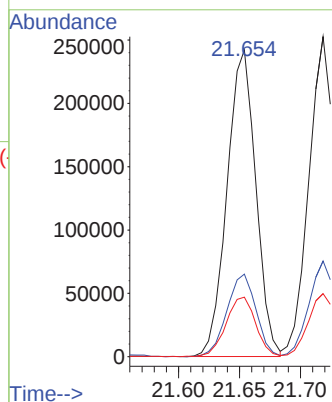
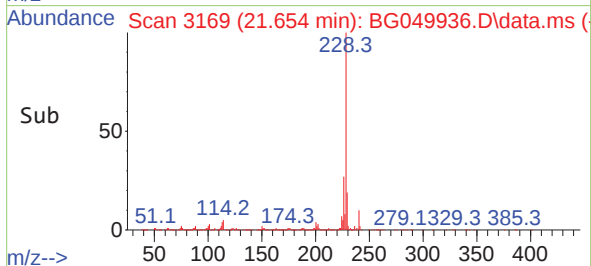
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



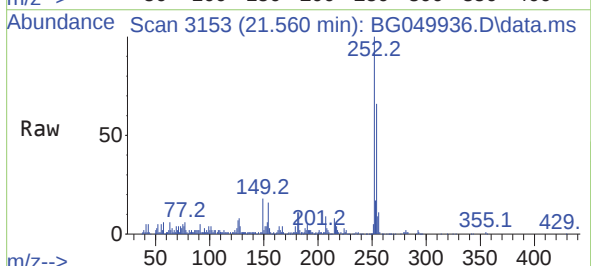
Tgt Ion:228 Resp: 397576  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.7 34.1  
229 19.4 16.0 24.0

Manual Integrations  
APPROVED

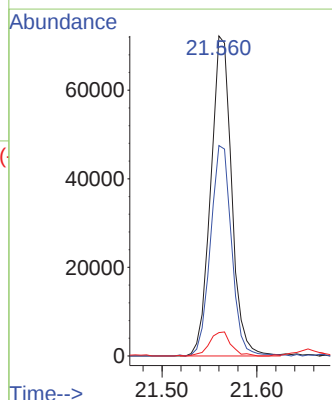
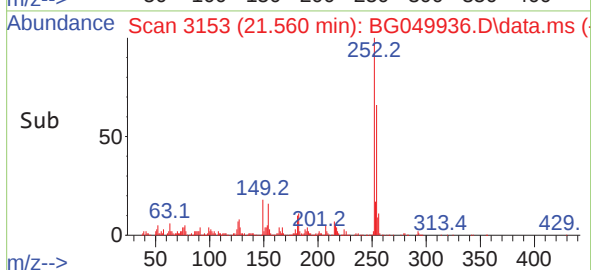
mohammad  
8/24/2021 11:19:04 AM

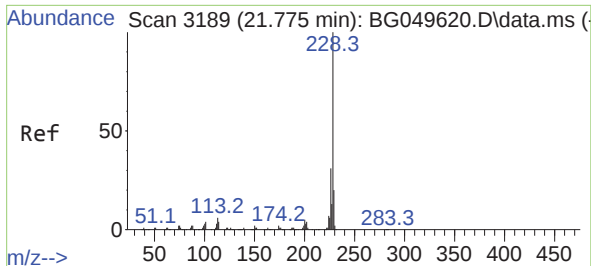


#82  
3,3'-Dichlorobenzidine  
Concen: 40.239 ng  
RT: 21.560 min Scan# 3153  
Delta R.T. -0.013 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



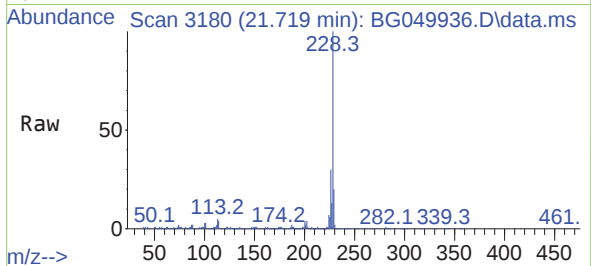
Tgt Ion:252 Resp: 110401  
Ion Ratio Lower Upper  
252 100  
254 65.7 52.4 78.6  
126 7.3 5.9 8.9





#83  
Chrysene  
Concen: 42.692 ng  
RT: 21.719 min Scan# 3180  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

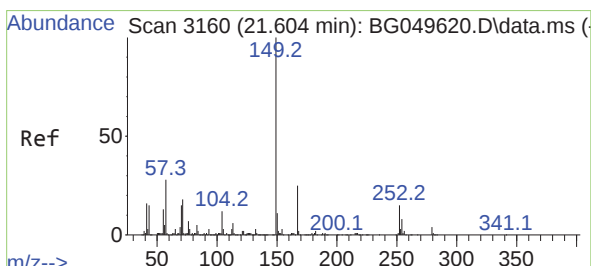
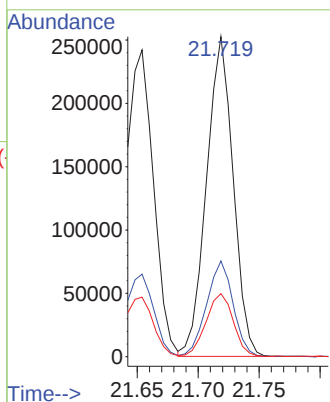
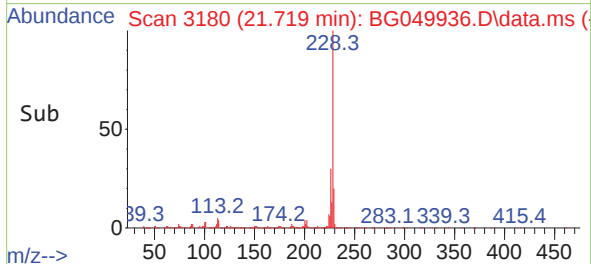
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



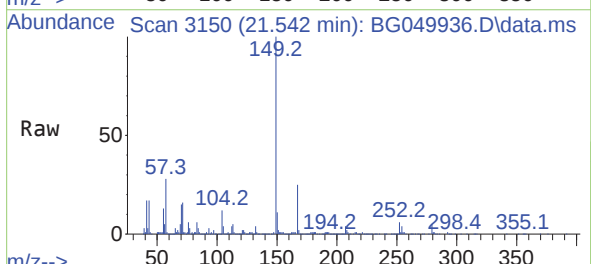
Tgt Ion:228 Resp: 383478  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.1 34.7  
229 19.7 15.3 22.9

Manual Integrations  
APPROVED

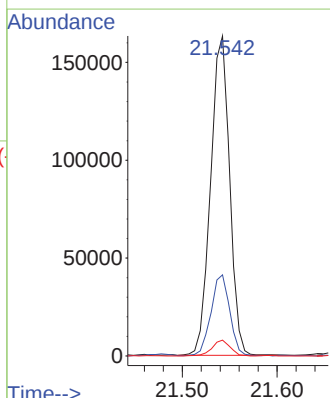
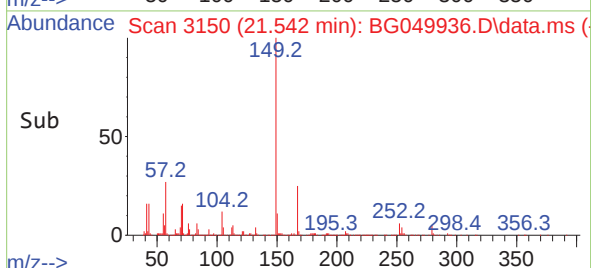
mohammad  
8/24/2021 11:19:04 AM

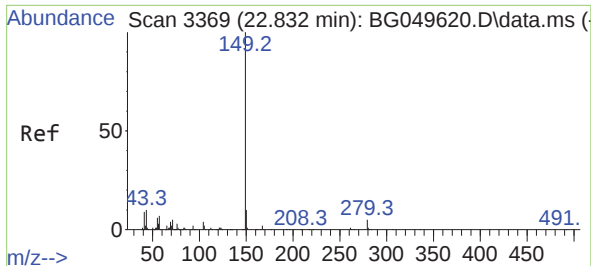


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.748 ng  
RT: 21.542 min Scan# 3150  
Delta R.T. -0.002 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



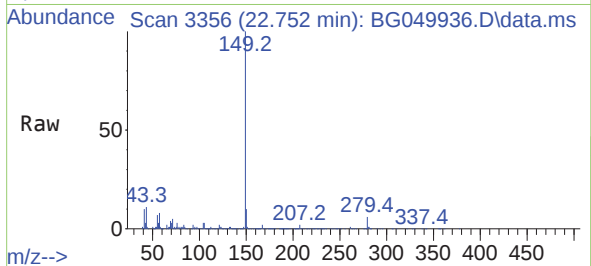
Tgt Ion:149 Resp: 226695  
Ion Ratio Lower Upper  
149 100  
167 25.4 22.3 33.5  
279 5.0 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 41.919 ng  
RT: 22.752 min Scan# 3356  
Delta R.T. -0.008 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

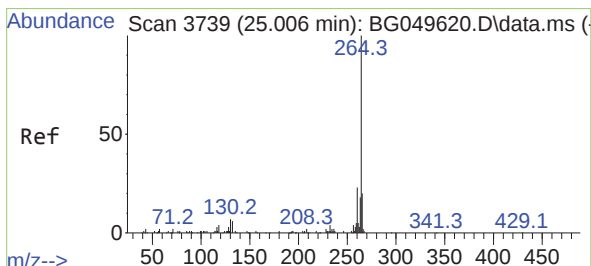
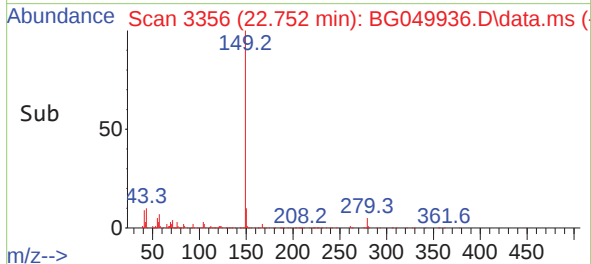
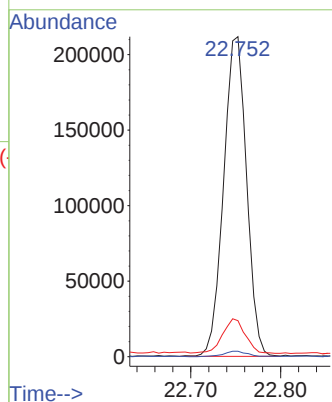
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



Tgt Ion:149 Resp: 375535  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.4 2.2  
43 10.5 8.6 12.8

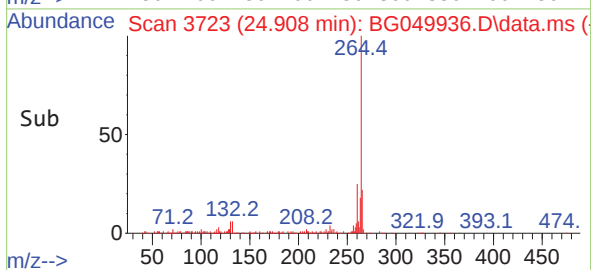
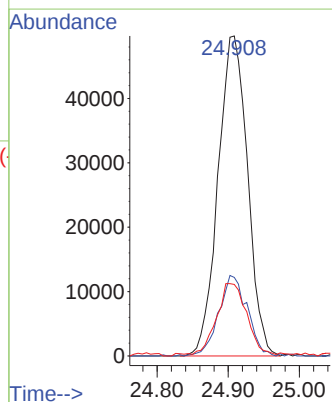
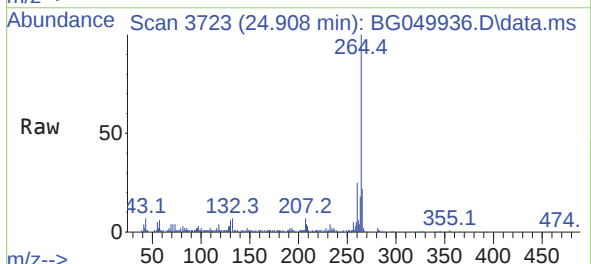
Manual Integrations  
APPROVED

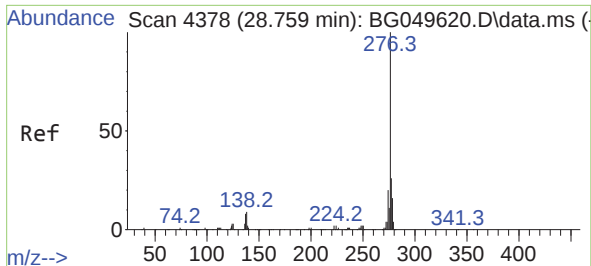
mohammad  
8/24/2021 11:19:04 AM



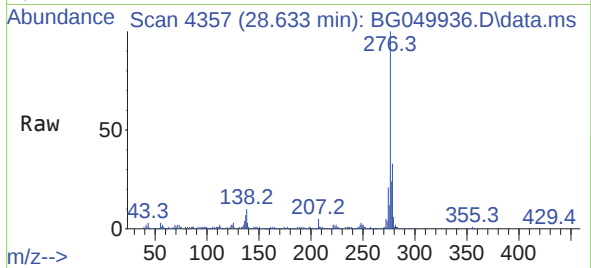
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.908 min Scan# 3723  
Delta R.T. -0.013 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

Tgt Ion:264 Resp: 143366  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.4 29.2  
265 22.3 16.9 25.3

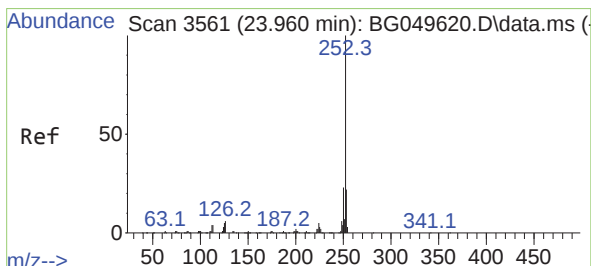
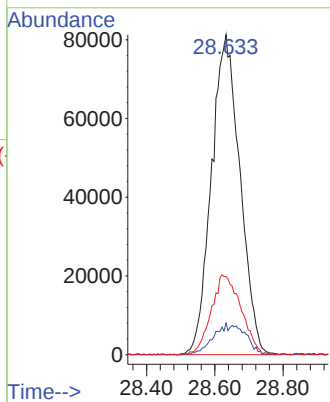
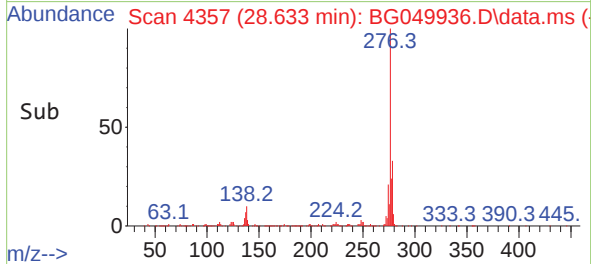




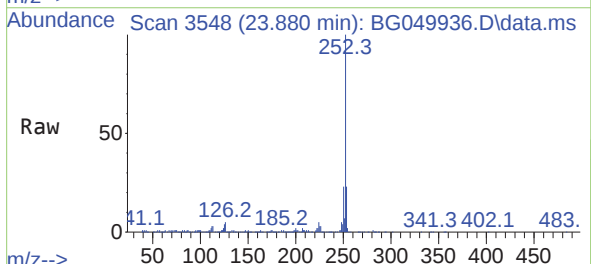
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.628 ng  
RT: 28.633 min Scan# 4357  
Delta R.T. -0.013 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



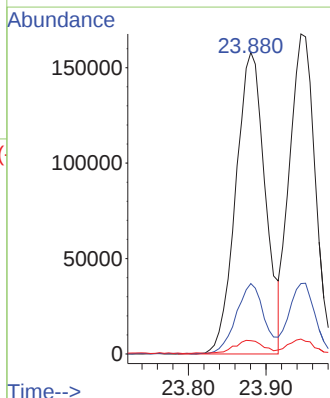
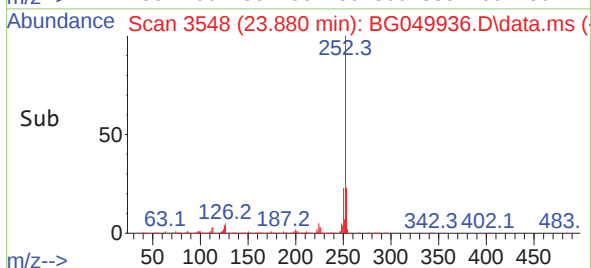
Tgt Ion: 276 Resp: 471762  
Ion Ratio Lower Upper  
276 100  
138 5.2 5.1 7.7  
277 26.1 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 44.277 ng  
RT: 23.880 min Scan# 3548  
Delta R.T. -0.013 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



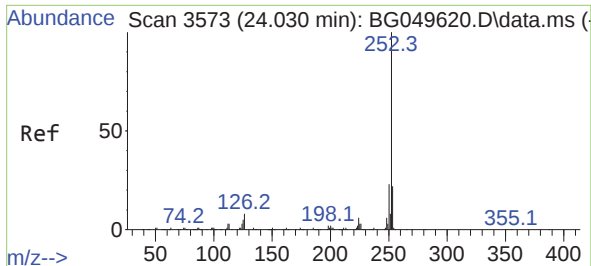
Tgt Ion: 252 Resp: 416319  
Ion Ratio Lower Upper  
252 100  
253 23.4 16.2 24.4  
125 4.4 3.0 4.4



Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD

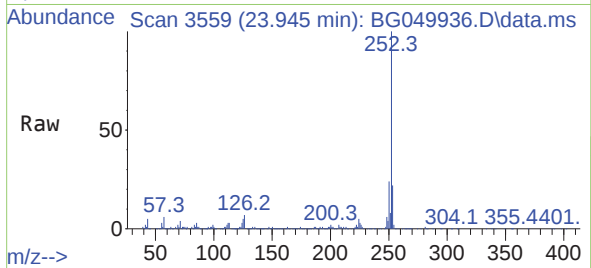
Manual Integrations  
APPROVED

mohammad  
8/24/2021 11:19:04 AM



#89  
Benzo(k)fluoranthene  
Concen: 43.587 ng  
RT: 23.945 min Scan# 3559  
Delta R.T. -0.013 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

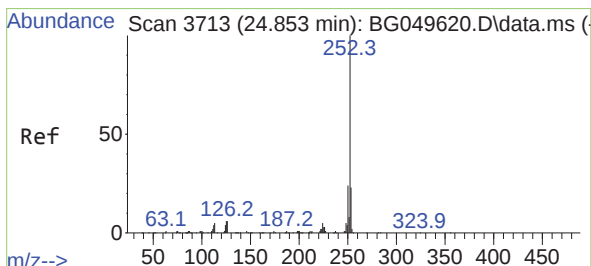
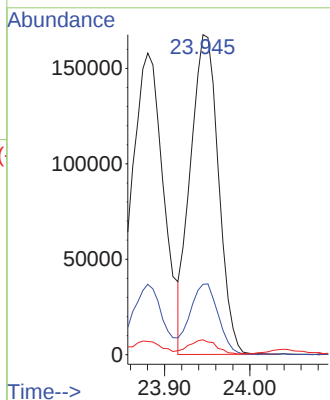
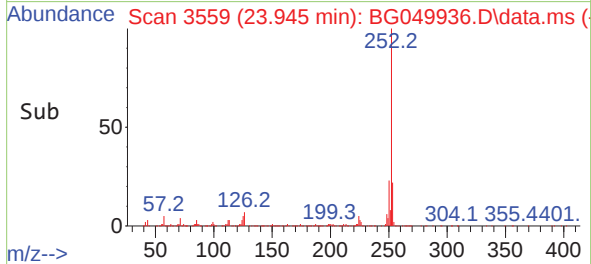
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



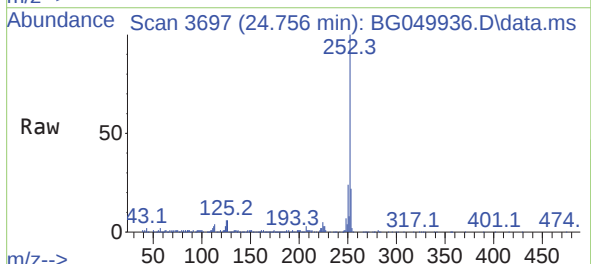
Tgt Ion:252 Resp: 382284  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.0 27.0  
125 4.7 3.1 4.7

Manual Integrations  
APPROVED

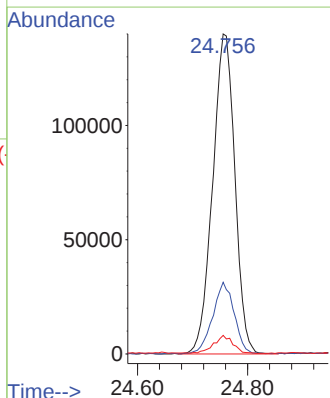
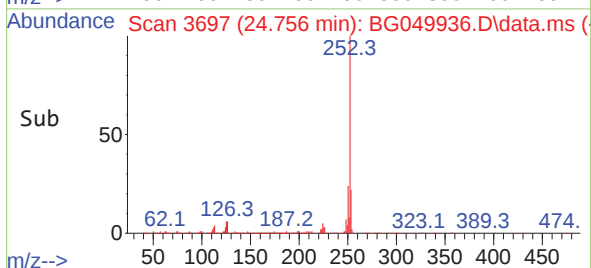
mohammad  
8/24/2021 11:19:04 AM

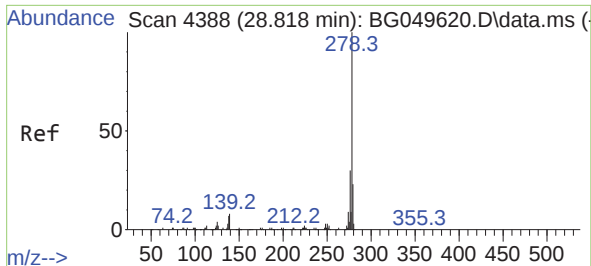


#90  
Benzo(a)pyrene  
Concen: 46.119 ng  
RT: 24.756 min Scan# 3697  
Delta R.T. -0.019 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



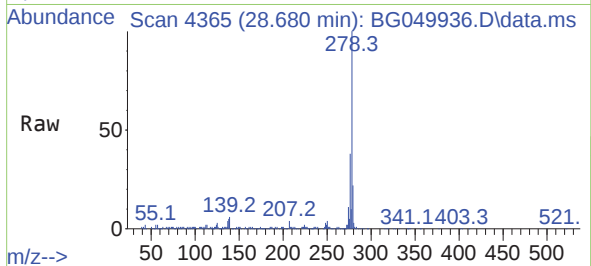
Tgt Ion:252 Resp: 392445  
Ion Ratio Lower Upper  
252 100  
253 22.4 16.6 25.0  
125 5.8 3.5 5.3#





#91  
Dibenzo(a,h)anthracene  
Concen: 46.710 ng  
RT: 28.680 min Scan# 4365  
Delta R.T. -0.019 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49

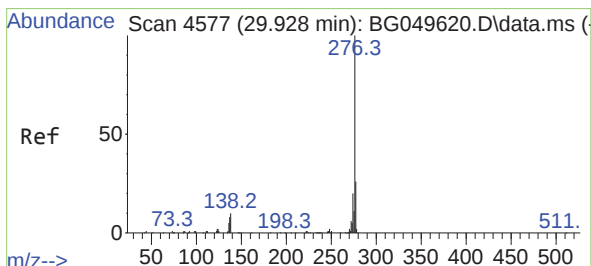
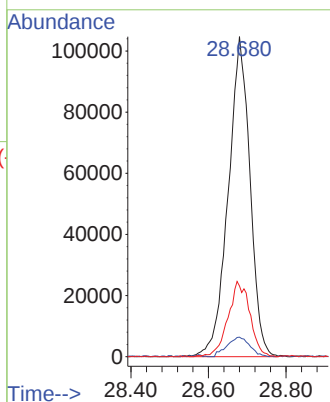
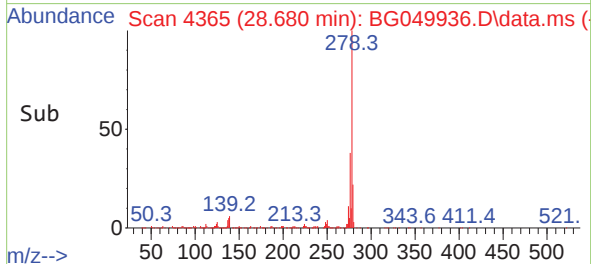
Instrument :  
BNA\_G  
ClientSampleId :  
SWCS-20-0003MSD



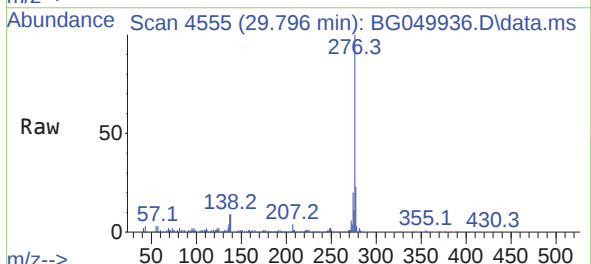
Tgt Ion:278 Resp: 406966  
Ion Ratio Lower Upper  
278 100  
139 6.1 4.6 6.8  
279 22.1 17.9 26.9

Manual Integrations  
APPROVED

mohammad  
8/24/2021 11:19:04 AM



#92  
Benzo(g,h,i)perylene  
Concen: 46.249 ng  
RT: 29.796 min Scan# 4555  
Delta R.T. -0.019 min  
Lab File: BG049936.D  
Acq: 23 Aug 2021 16:49



Tgt Ion:276 Resp: 394769  
Ion Ratio Lower Upper  
276 100  
277 22.9 18.4 27.6  
138 8.9 7.0 10.6

