

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
 Data File : BG063812.D  
 Acq On : 24 Dec 2024 9:51  
 Operator : RC/JU  
 Sample : P5333-21MS  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E2923MS

Quant Time: Dec 25 00:33:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 24 00:44:39 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/26/2024  
 Supervised By :mohammad ahmed 12/26/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.800  | 152  | 84268    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.585 | 136  | 365004   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.439 | 164  | 286897   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.189 | 188  | 709443   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.437 | 240  | 720007   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.451 | 264  | 753795   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.264  | 96   | 3185     | 1.481  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.670  | 84   | 67515    | 9.953  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.983  | 99   | 68959    | 8.885  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.130  | 67   | 47016    | 8.771  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.336  | 132  | 45936    | 9.142  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.517  | 113  | 40806    | 6.772  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 24455    | 9.384  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.674  | 143  | 26443    | 9.052  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.227 | 165  | 55445    | 9.803  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.726 | 131  | 41035    | 5.714  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.846 | 166  | 204724   | 10.487 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.128 | 160  | 194586   | 8.744  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.668 | 143  | 26069    | 9.425  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.432 | 176  | 155001   | 8.980  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.567 | 200  | 30494    | 8.279  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.289 | 188  | 284894   | 9.340  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.586 | 212  | 246194   | 6.571  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.245 | 264  | 138538m  | 3.914  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.294  | 88   | 12139    | 4.770  | ng/uL# | 94       |
| 5) Pyridine                   | 3.687  | 79   | 65798    | 9.056  | ng/u1  | 91       |
| 6) Benzaldehyde               | 6.942  | 77   | 28232m   | 5.930  | ng/u1  |          |
| 8) Phenol                     | 7.013  | 94   | 140097   | 16.938 | ng/u1  | 94       |
| 10) Bis(2-Chloroethyl)ether   | 7.224  | 93   | 94088    | 14.867 | ng/u1  | 95       |
| 12) 2-Chlorophenol            | 7.371  | 128  | 77984    | 15.333 | ng/u1  | 96       |
| 13) 2-Methylphenol            | 8.252  | 108  | 82522    | 13.804 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.317  | 45   | 139230   | 14.820 | ng/u1  | 97       |
| 16) Acetophenone              | 8.617  | 105  | 211318   | 20.676 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.593  | 70   | 84345    | 13.831 | ng/u1# | 95       |
| 18) 4-Methylphenol            | 8.581  | 108  | 96310    | 14.720 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.869  | 117  | 22359    | 8.947  | ng/u1  | 85       |
| 22) Nitrobenzene              | 8.999  | 77   | 121181   | 13.924 | ng/u1  | 99       |
| 23) Isophorone                | 9.516  | 82   | 238301   | 14.492 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.704  | 139  | 47501    | 15.821 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.774  | 107  | 54800    | 8.044  | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.997  | 93   | 136029   | 15.295 | ng/u1# | 93       |
| 29) 2,4-Dichlorophenol        | 10.250 | 162  | 92528    | 16.464 | ng/u1  | 97       |
| 30) Naphthalene               | 10.638 | 128  | 287737   | 15.767 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.755 | 127  | 57663m   | 8.439  | ng/u1  |          |
| 33) Hexachlorobutadiene       | 10.920 | 225  | 63703    | 13.952 | ng/u1  | 99       |
| 34) Caprolactam               | 11.496 | 113  | 34726    | 17.875 | ng/u1  | 94       |
| 35) 4-Chloro-3-methylphenol   | 11.895 | 107  | 114582m  | 17.366 | ng/u1  |          |
| 36) 2-Methylnaphthalene       | 12.254 | 142  | 205292   | 15.652 | ng/u1  | 94       |

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 Sample : P5333-21MS  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 E2923MS

Manual Integrations  
 APPROVED

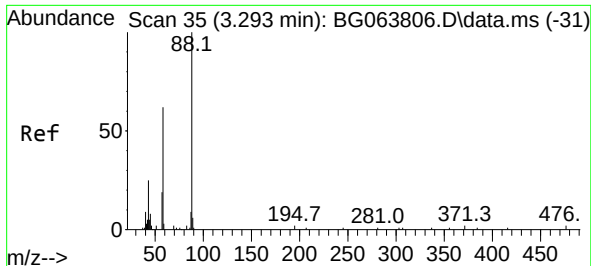
Reviewed By :Yogesh Patel 12/26/2024  
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 00:33:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 24 00:44:39 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.471 | 142  | 210874   | 15.784 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.624 | 216  | 122111   | 13.296 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.600 | 237  | 14571    | 4.013  | ng/ul# | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.871 | 196  | 80861    | 15.577 | ng/ul# | 97       |
| 42) 2,4,5-Trichlorophenol     | 12.959 | 196  | 91294    | 16.852 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.270 | 154  | 303010   | 16.015 | ng/ul  | 92       |
| 44) 2-Chloronaphthalene       | 13.311 | 162  | 240227   | 15.811 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.517 | 65   | 91743    | 18.027 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 13.893 | 163  | 341537   | 17.456 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.016 | 165  | 65125    | 17.923 | ng/ul  | 98       |
| 50) Acenaphthylene            | 14.157 | 152  | 391484   | 16.406 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.351 | 138  | 52986    | 15.772 | ng/ul  | 100      |
| 52) Acenaphthene              | 14.504 | 153  | 293663   | 17.363 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.574 | 184  | 27396m   | 14.753 | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.686 | 109  | 43502    | 15.146 | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.839 | 168  | 420560   | 17.638 | ng/ul  | 93       |
| 57) 2,4-Dinitrotoluene        | 14.815 | 165  | 105688   | 19.575 | ng/ul# | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.080 | 232  | 79819    | 17.093 | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.262 | 149  | 349032   | 18.453 | ng/ul  | 98       |
| 61) Fluorene                  | 15.491 | 166  | 351903   | 18.483 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.485 | 204  | 180006   | 16.970 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.515 | 138  | 72402m   | 21.527 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.585 | 198  | 64116    | 16.896 | ng/ul# | 94       |
| 67) N-Nitrosodiphenylamine    | 15.697 | 169  | 317554   | 18.484 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.378 | 248  | 128392   | 17.758 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.502 | 284  | 100988   | 12.467 | ng/ul  | 98       |
| 70) Atrazine                  | 16.648 | 200  | 132914   | 18.303 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.860 | 266  | 48944m   | 14.330 | ng/ul  |          |
| 72) Phenanthrene              | 17.230 | 178  | 698667   | 20.436 | ng/ul  | 100      |
| 74) Anthracene                | 17.324 | 178  | 667242   | 19.283 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.235 | 216  | 122985   | 12.993 | ng/ul  | 95       |
| 76) Pentachlorobenzene        | 14.762 | 250  | 124731   | 13.301 | ng/ul  | 95       |
| 77) Carbazole                 | 17.594 | 167  | 513629   | 18.337 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.158 | 149  | 718430   | 21.238 | ng/ul  | 97       |
| 80) Fluoranthene              | 19.251 | 202  | 886767   | 20.823 | ng/ul  | 96       |
| 82) Pyrene                    | 19.616 | 202  | 639717   | 14.119 | ng/ul# | 95       |
| 83) Butylbenzylphthalate      | 20.509 | 149  | 307783   | 22.130 | ng/ul  | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.343 | 252  | 81242    | 6.251  | ng/ul  | 88       |
| 85) Benzo(a)anthracene        | 21.419 | 228  | 874630   | 19.383 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.331 | 149  | 455935   | 22.536 | ng/ul  | 98       |
| 87) Chrysene                  | 21.484 | 228  | 826890   | 19.227 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.465 | 149  | 769115   | 23.639 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.499 | 252  | 811782   | 18.948 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.564 | 252  | 852824m  | 19.956 | ng/ul  |          |
| 93) Benzo(a)pyrene            | 24.310 | 252  | 311465   | 7.745  | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.853 | 276  | 599859m  | 12.215 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 27.894 | 278  | 754339   | 19.197 | ng/ul  | 95       |
| 96) Benzo(g,h,i)perylene      | 28.893 | 276  | 54320m   | 1.394  | ng/ul  |          |

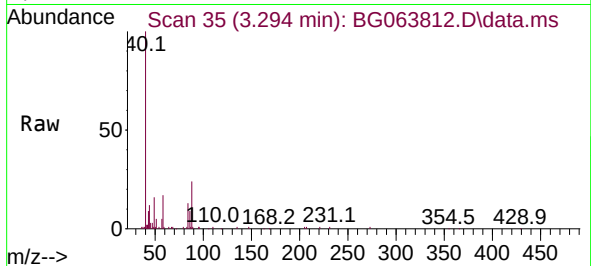
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 4.770 ng/uL  
RT: 3.294 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

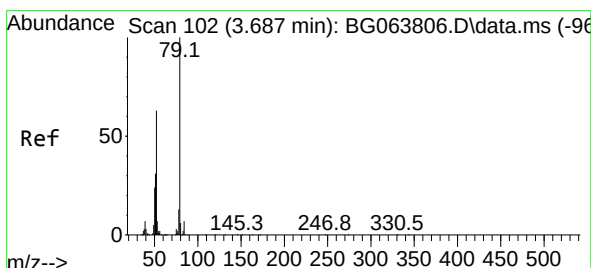
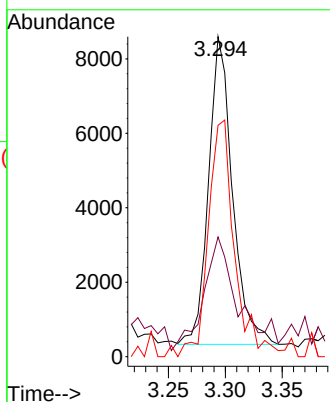
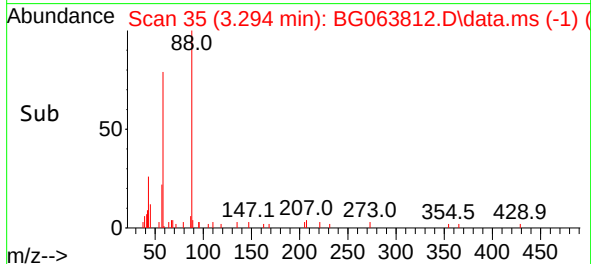
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



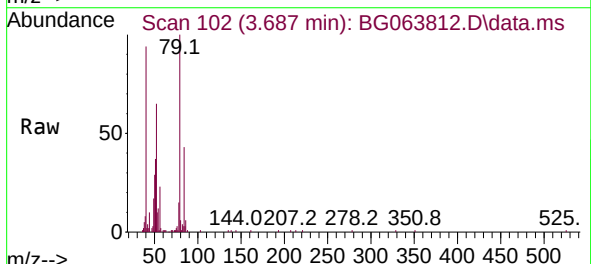
Tgt Ion: 88 Resp: 12139  
Ion Ratio Lower Upper  
88 100  
43 37.4 20.9 31.3  
58 72.3 57.7 86.5

Manual Integrations  
APPROVED

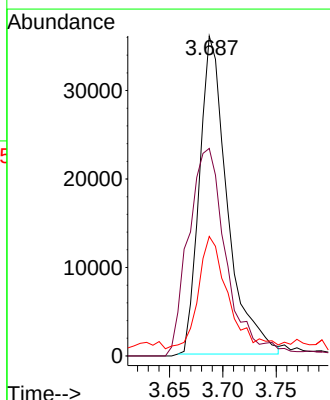
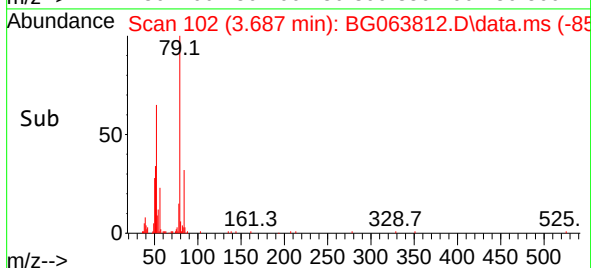
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

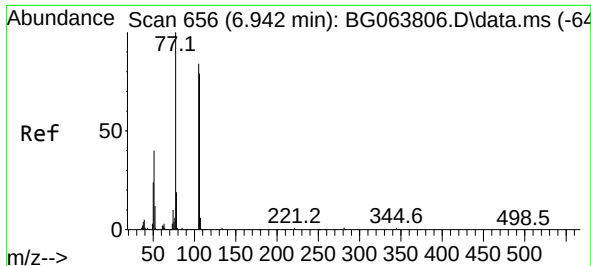


#5  
Pyridine  
Concen: 9.056 ng/uL  
RT: 3.687 min Scan# 102  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



Tgt Ion: 79 Resp: 65798  
Ion Ratio Lower Upper  
79 100  
52 64.9 60.9 91.3  
51 37.4 29.5 44.3





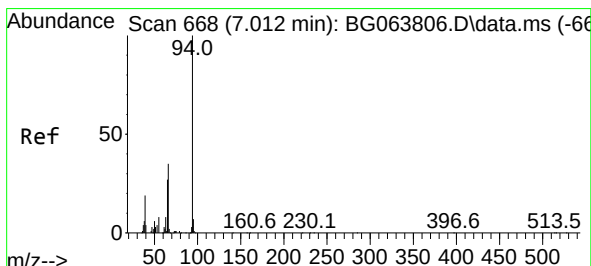
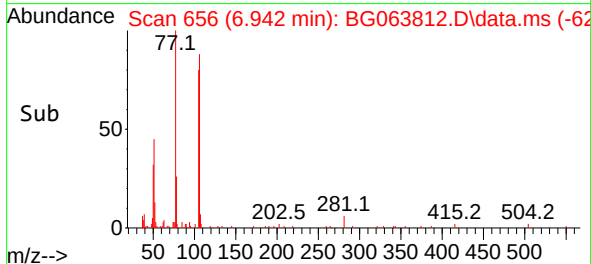
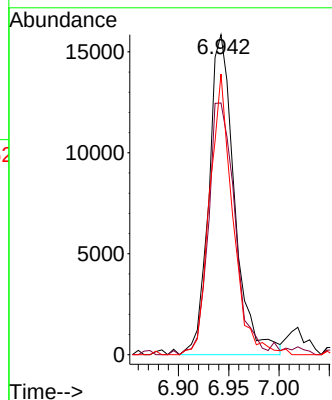
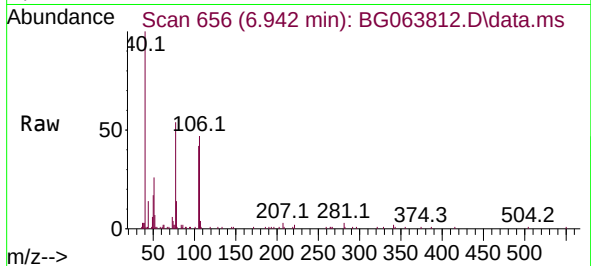
#6  
Benzaldehyde  
Concen: 5.930 ng/ul m  
RT: 6.942 min Scan# 656  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS

Tgt Ion: 77 Resp: 2823  
Ion Ratio Lower Upper  
77 100  
105 78.7 65.2 97.8  
106 87.7 61.0 91.4

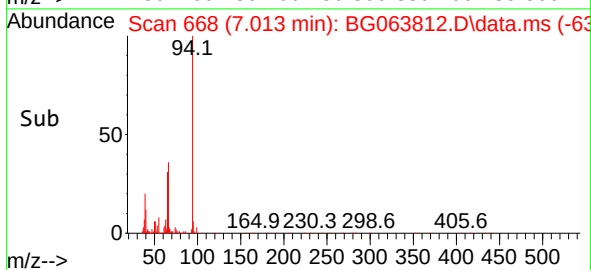
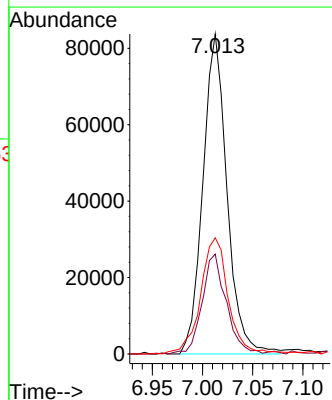
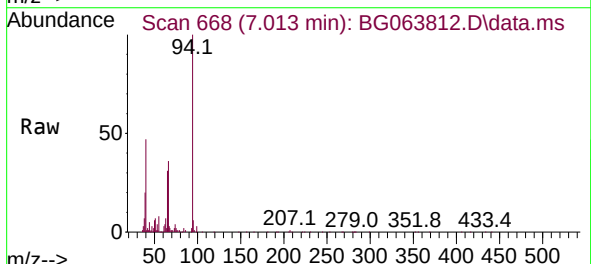
Manual Integrations  
APPROVED

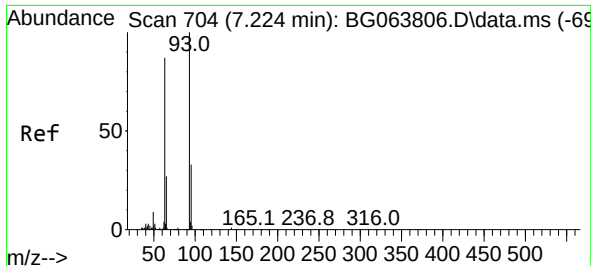
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#8  
Phenol  
Concen: 16.938 ng/ul  
RT: 7.013 min Scan# 668  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

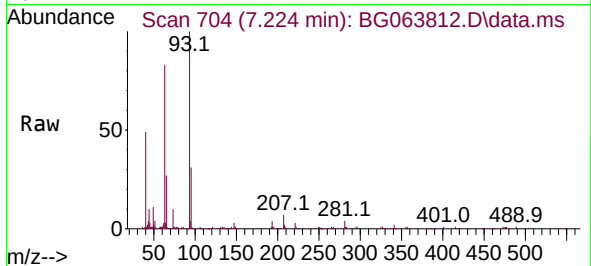
Tgt Ion: 94 Resp: 140097  
Ion Ratio Lower Upper  
94 100  
65 31.2 25.6 38.4  
66 36.3 34.2 51.2





#10  
Bis(2-Chloroethyl)ether  
Concen: 14.867 ng/ul  
RT: 7.224 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

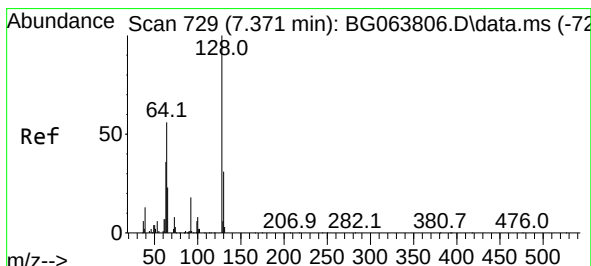
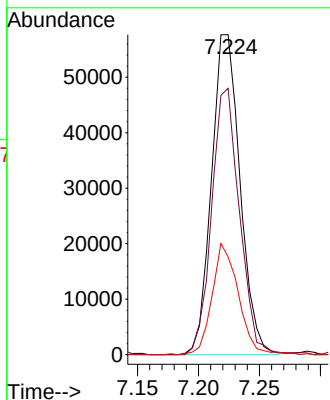
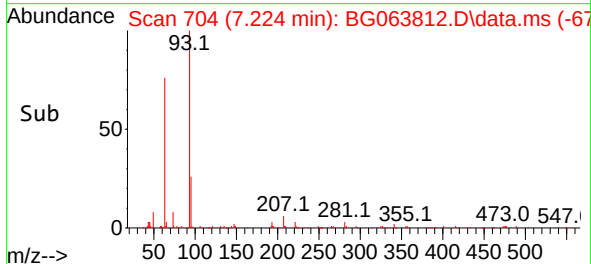
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion: 93 Resp: 94088  
Ion Ratio Lower Upper  
93 100  
63 83.3 63.8 95.6  
95 30.6 27.6 41.4

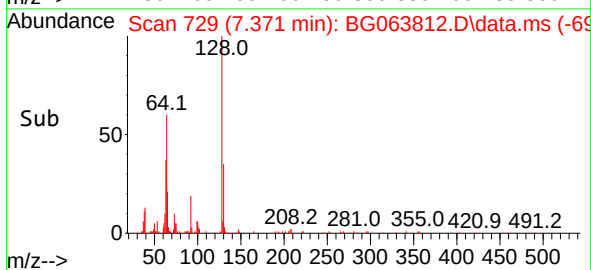
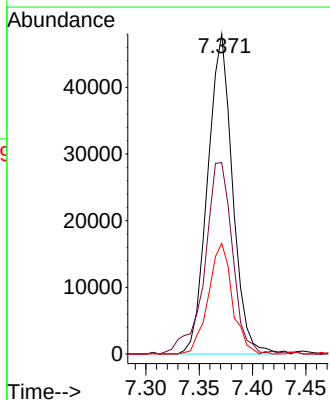
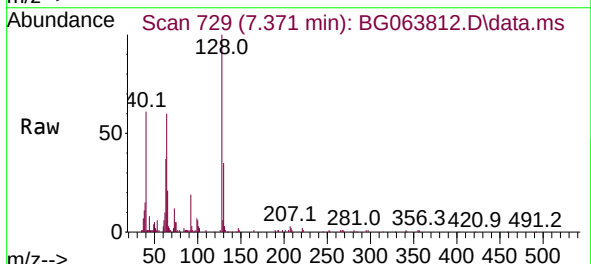
Manual Integrations  
APPROVED

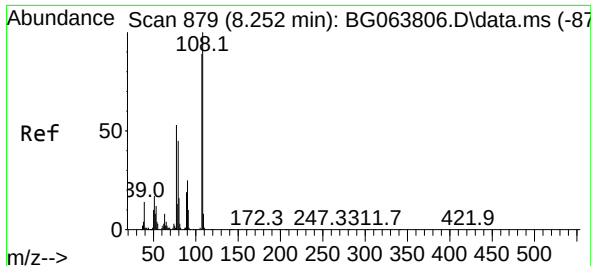
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#12  
2-Chlorophenol  
Concen: 15.333 ng/ul  
RT: 7.371 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

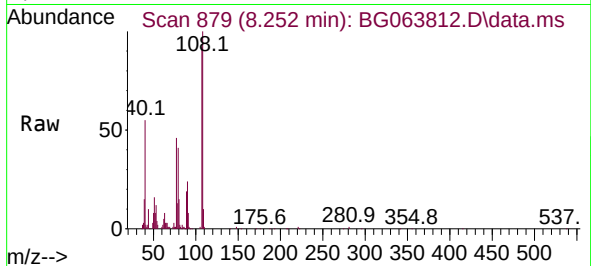
Tgt Ion:128 Resp: 77984  
Ion Ratio Lower Upper  
128 100  
64 59.8 48.9 73.3  
130 34.6 24.2 36.2





#13  
2-Methylphenol  
Concen: 13.804 ng/ul  
RT: 8.252 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

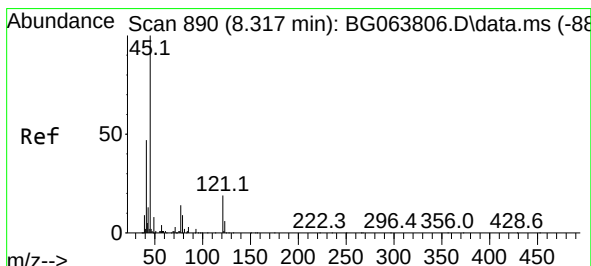
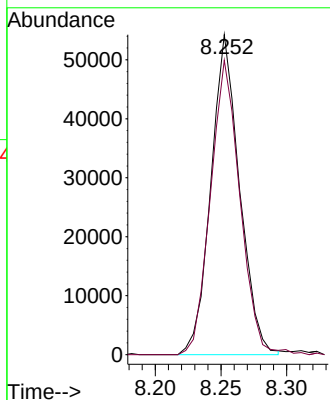
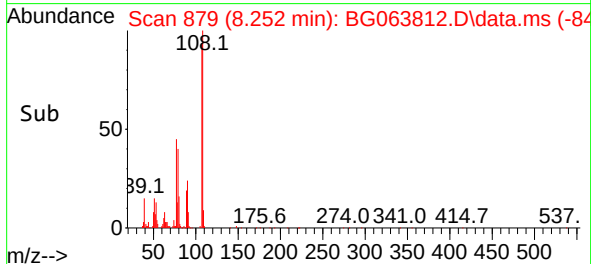
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



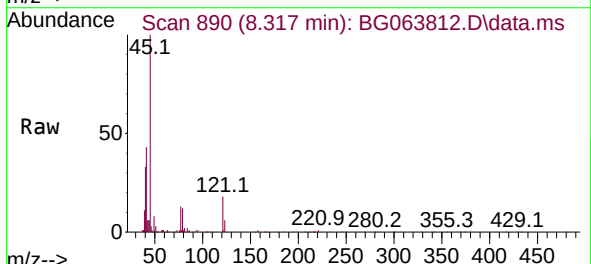
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Ion Ratio Lower Upper  
108 100  
107 92.0 72.6 108.8

Manual Integrations  
APPROVED

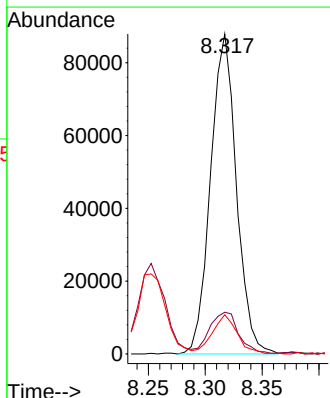
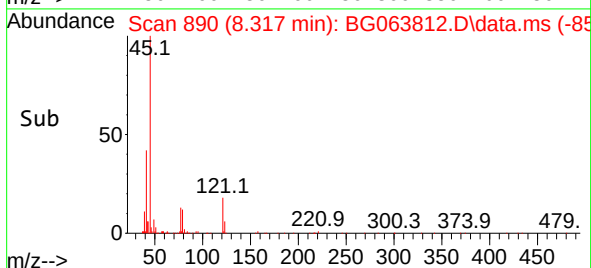
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

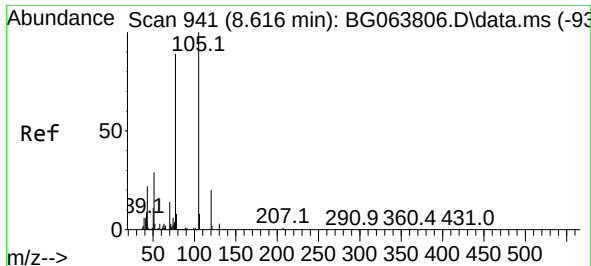


#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 14.820 ng/ul  
RT: 8.317 min Scan# 890  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



Tgt Ion: 45 Resp: 139230  
Ion Ratio Lower Upper  
45 100  
77 13.0 11.5 17.3  
79 12.2 9.2 13.8





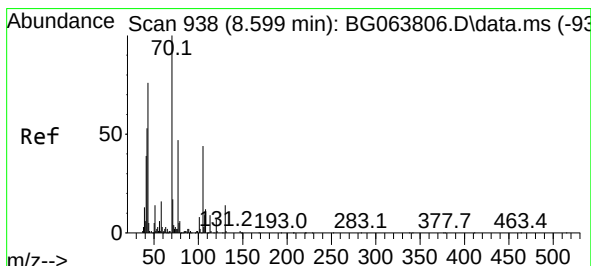
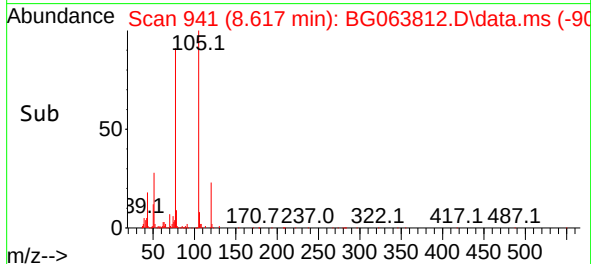
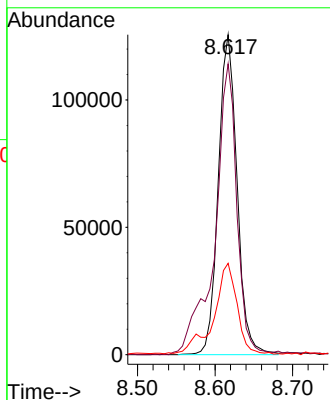
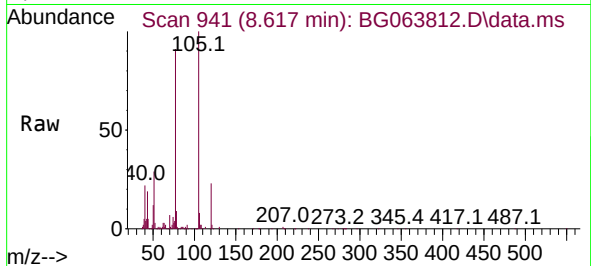
#16  
Acetophenone  
Concen: 20.676 ng/ul  
RT: 8.617 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS

Tgt Ion:105 Resp: 211318  
Ion Ratio Lower Upper  
105 100  
77 90.9 73.6 110.4  
51 28.6 25.4 38.2

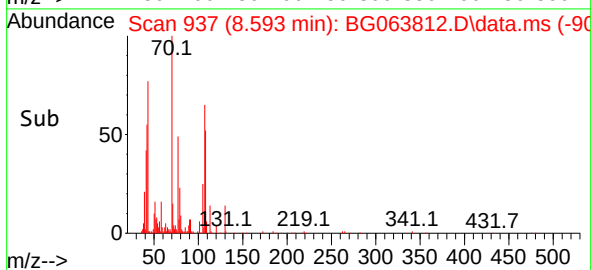
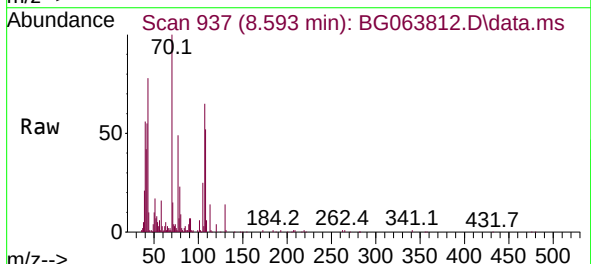
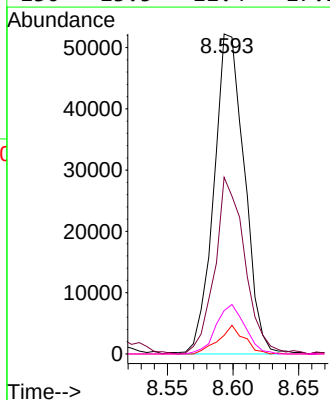
Manual Integrations  
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Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

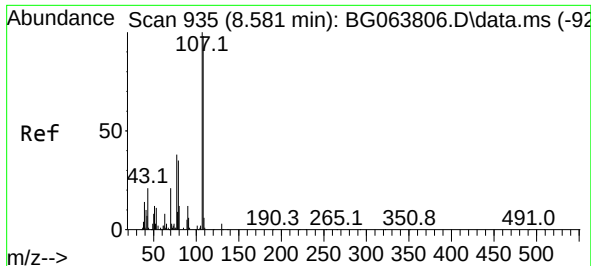


#17  
N-Nitroso-di-n-propylamine  
Concen: 13.831 ng/ul  
RT: 8.593 min Scan# 937  
Delta R.T. -0.005 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Tgt Ion: 70 Resp: 84345  
Ion Ratio Lower Upper  
70 100  
42 55.2 47.4 71.0  
101 5.8 6.1 9.1#  
130 13.5 11.4 17.2

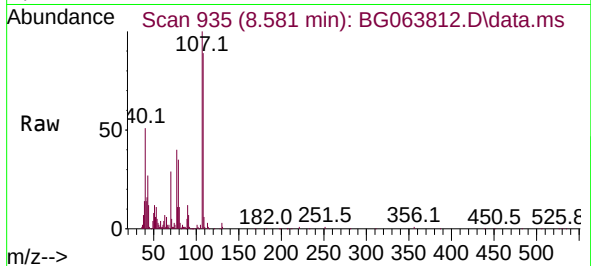






#18  
4-Methylphenol  
Concen: 14.720 ng/ul  
RT: 8.581 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

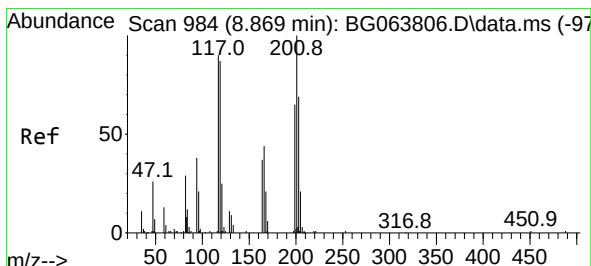
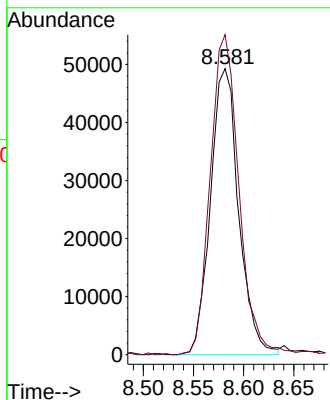
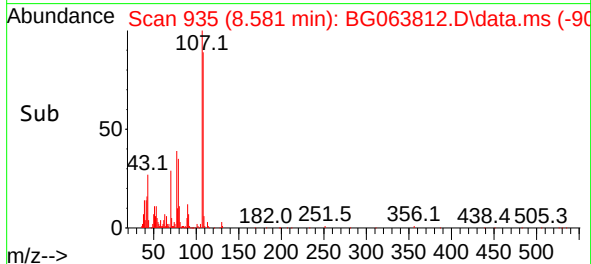
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



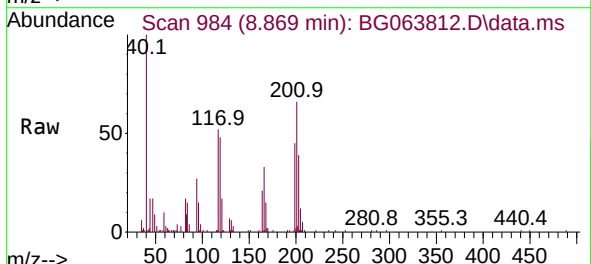
Tgt Ion:108 Resp: 96310  
Ion Ratio Lower Upper  
108 100  
107 111.9 89.2 133.8

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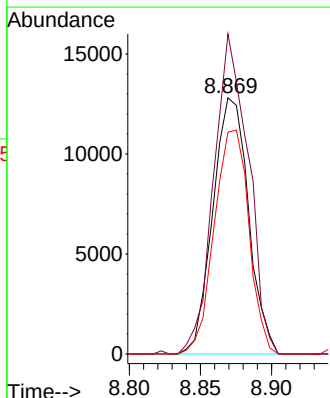
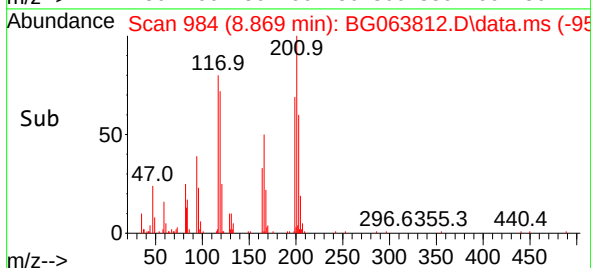
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

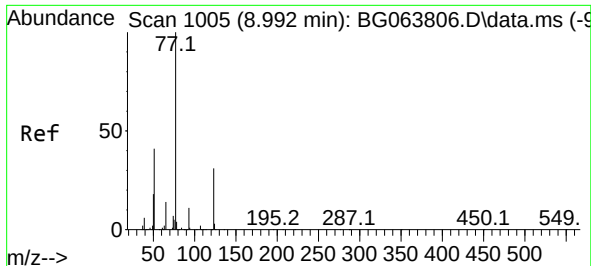


#19  
Hexachloroethane  
Concen: 8.947 ng/ul  
RT: 8.869 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



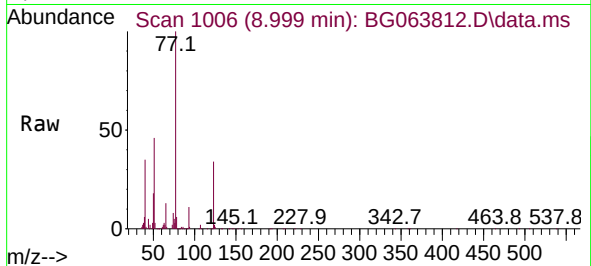
Tgt Ion:117 Resp: 22359  
Ion Ratio Lower Upper  
117 100  
201 124.9 86.8 130.2  
199 86.6 59.4 89.2





#22  
Nitrobenzene  
Concen: 13.924 ng/ul  
RT: 8.999 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

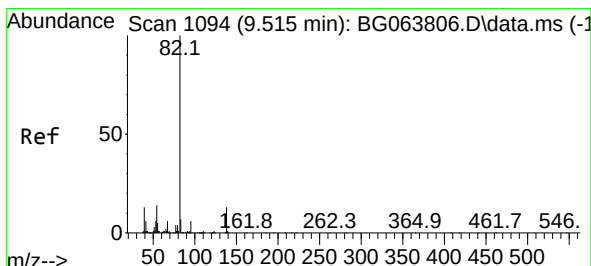
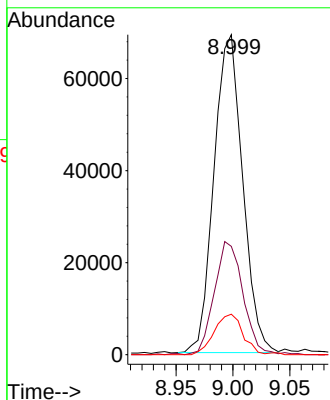
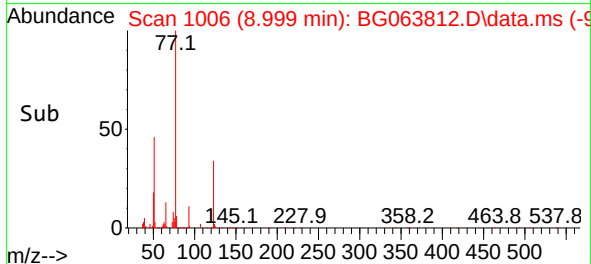
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion: 77 Resp: 12118  
Ion Ratio Lower Upper  
77 100  
123 33.8 27.0 40.4  
65 12.6 10.8 16.2

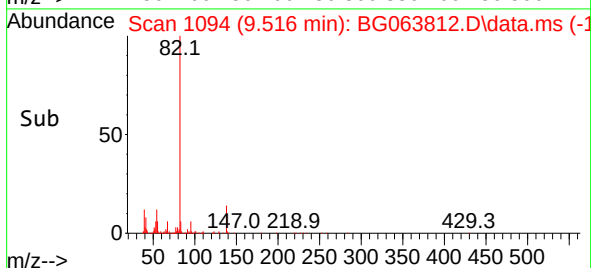
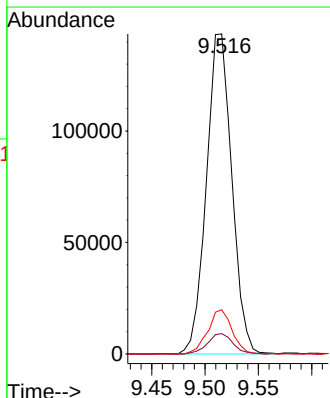
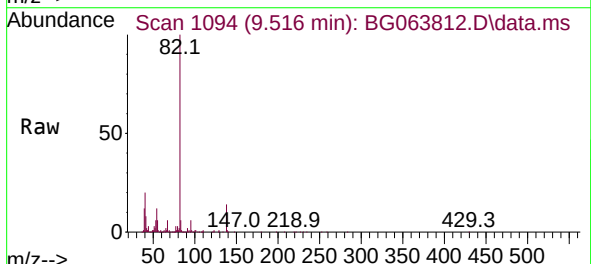
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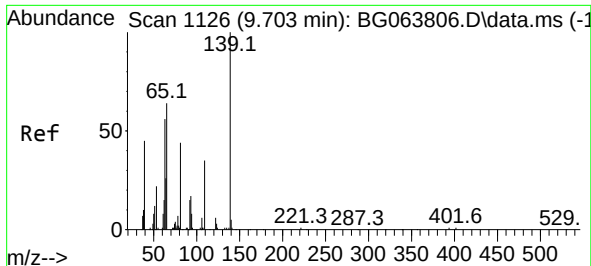
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#23  
Isophorone  
Concen: 14.492 ng/ul  
RT: 9.516 min Scan# 1094  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

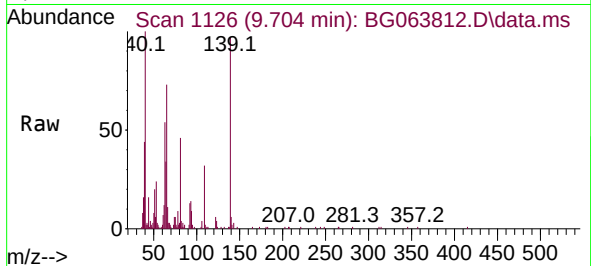
Tgt Ion: 82 Resp: 238301  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.8 8.6  
138 13.8 10.3 15.5





#25  
2-Nitrophenol  
Concen: 15.821 ng/ul  
RT: 9.704 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

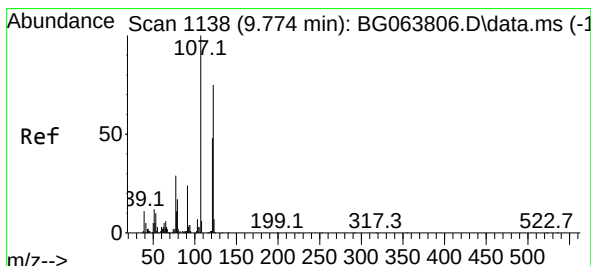
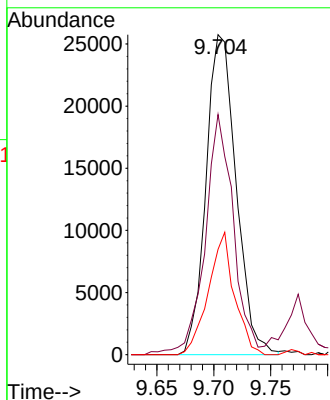
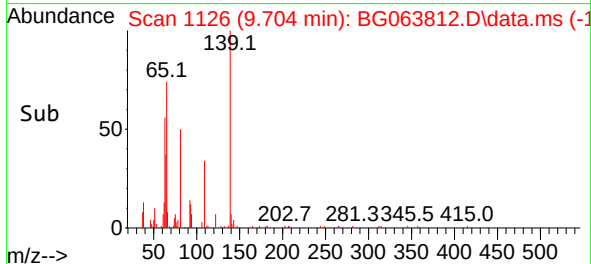
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion:139 Resp: 4750  
Ion Ratio Lower Upper  
139 100  
65 75.1 62.2 93.2  
109 32.9 26.9 40.3

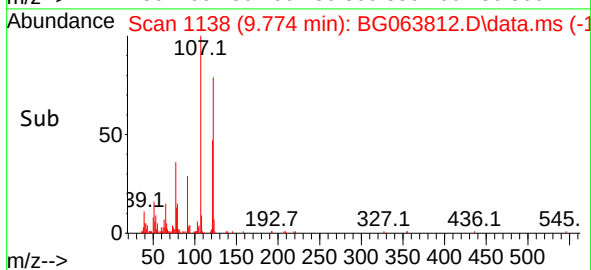
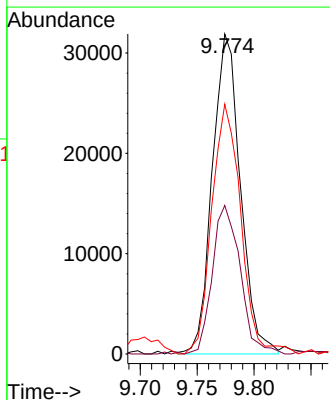
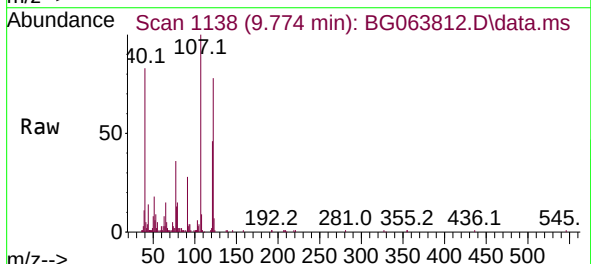
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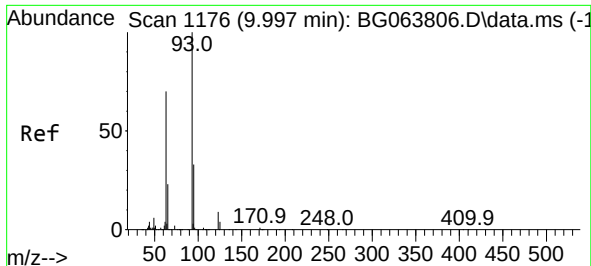
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#26  
2,4-Dimethylphenol  
Concen: 8.044 ng/ul  
RT: 9.774 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Tgt Ion:107 Resp: 54800  
Ion Ratio Lower Upper  
107 100  
121 46.4 38.4 57.6  
122 78.1 61.8 92.8





#27

Bis(2-Chloroethoxy)methane

Concen: 15.295 ng/ul

RT: 9.997 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Instrument :

BNL\_G

ClientSampleId :

E2923MS

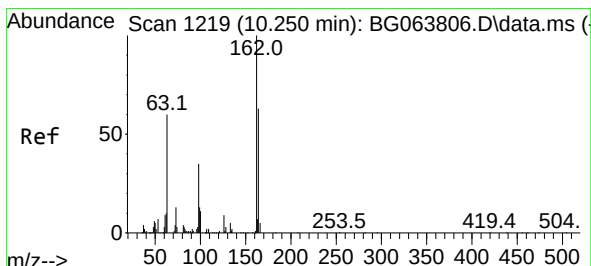
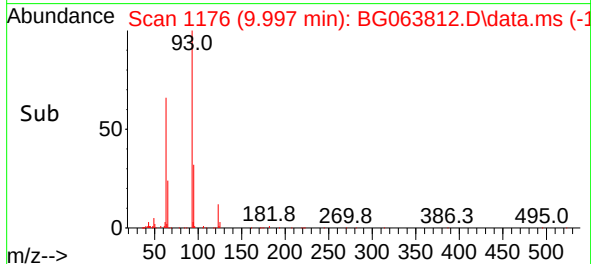
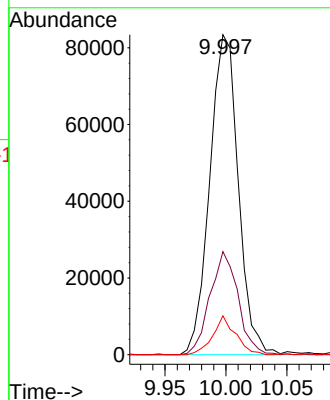
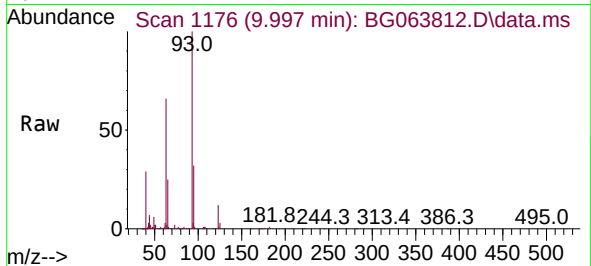
|             |                |
|-------------|----------------|
| Tgt Ion: 93 | Resp: 136029   |
| Ion Ratio   | Lower Upper    |
| 93          | 100            |
| 95          | 32.2 23.5 35.3 |
| 123         | 12.2 6.2 9.4   |

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Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#29

2,4-Dichlorophenol

Concen: 16.464 ng/ul

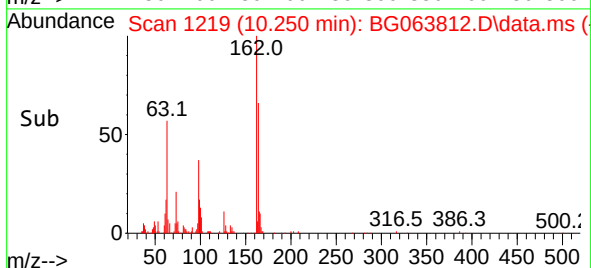
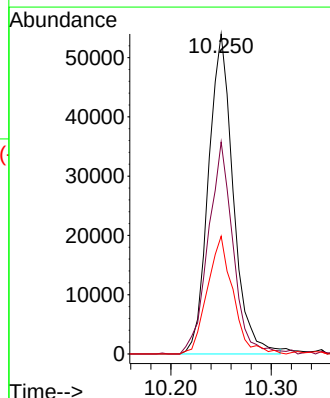
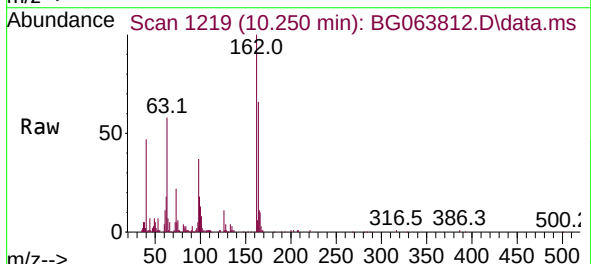
RT: 10.250 min Scan# 1219

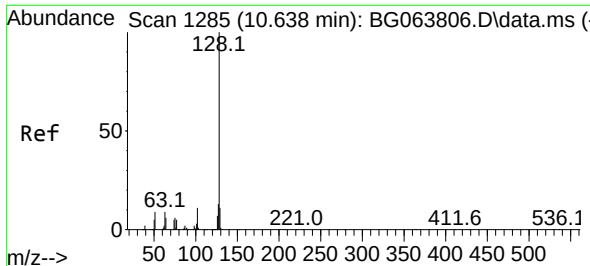
Delta R.T. 0.006 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

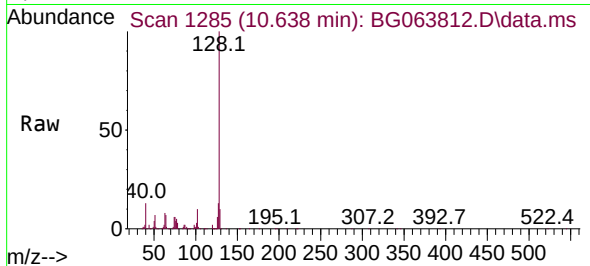
|             |                |
|-------------|----------------|
| Tgt Ion:162 | Resp: 92528    |
| Ion Ratio   | Lower Upper    |
| 162         | 100            |
| 164         | 66.2 53.0 79.4 |
| 98          | 36.8 33.0 49.6 |





#30  
Naphthalene  
Concen: 15.767 ng/ul  
RT: 10.638 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

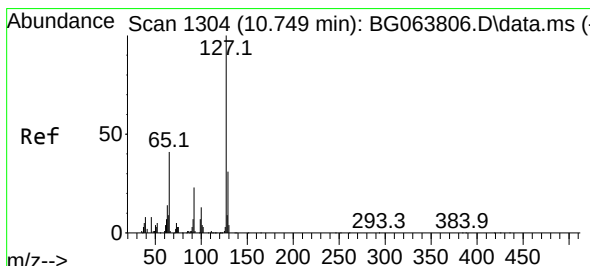
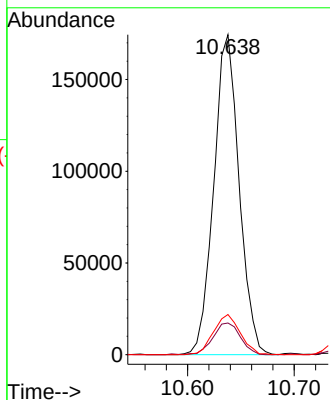
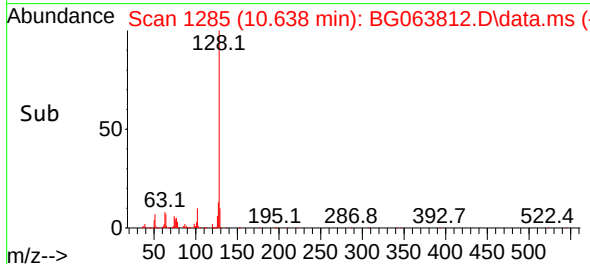
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion:128 Resp: 28773  
Ion Ratio Lower Upper  
128 100  
129 9.9 8.2 12.2  
127 12.5 9.8 14.8

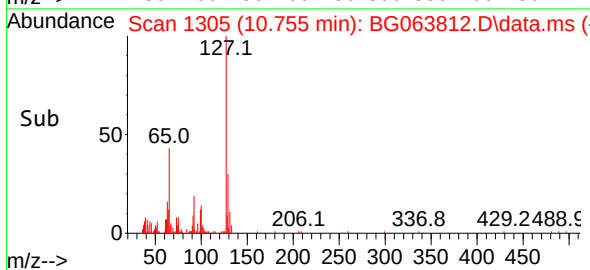
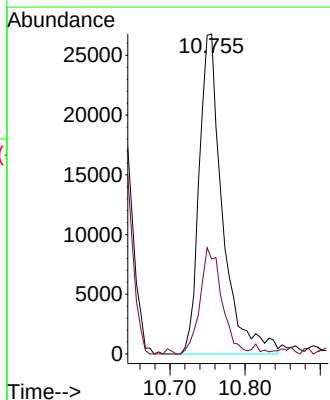
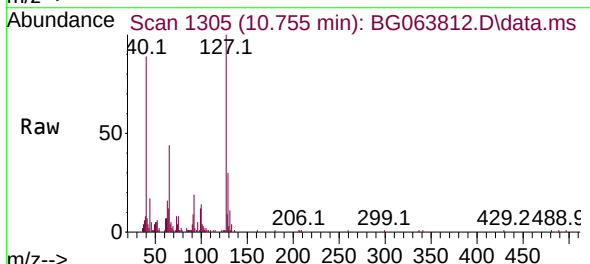
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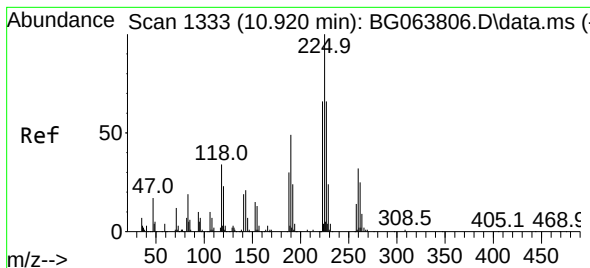
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#32  
4-Chloroaniline  
Concen: 8.439 ng/ul m  
RT: 10.755 min Scan# 1305  
Delta R.T. 0.006 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

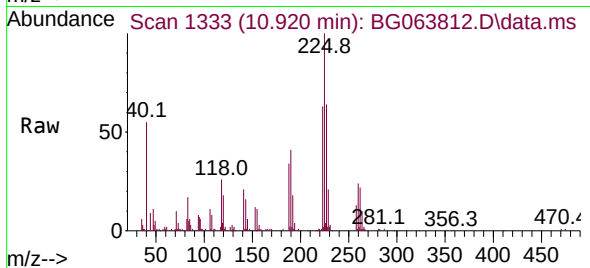
Tgt Ion:127 Resp: 57663  
Ion Ratio Lower Upper  
127 100  
129 29.6 24.5 36.7





#33  
Hexachlorobutadiene  
Concen: 13.952 ng/u1  
RT: 10.920 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

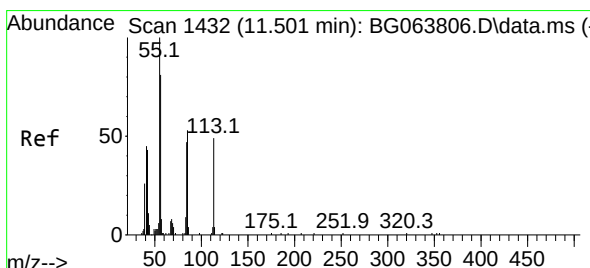
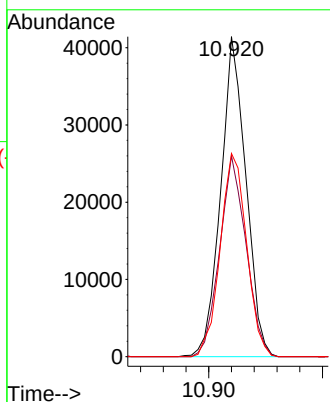
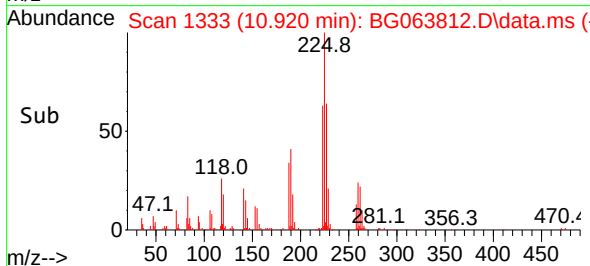
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



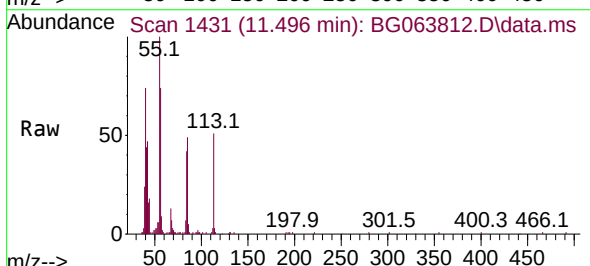
Tgt Ion:225 Resp: 6370  
Ion Ratio Lower Upper  
225 100  
223 62.8 51.2 76.8  
227 63.5 51.1 76.7

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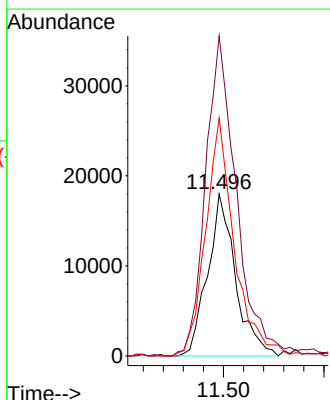
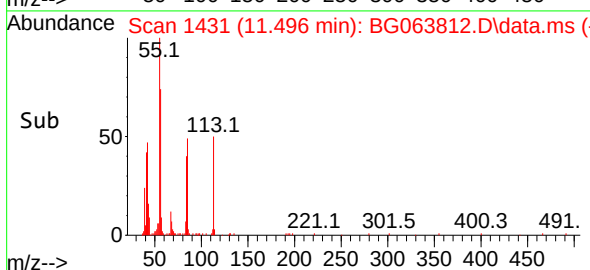
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

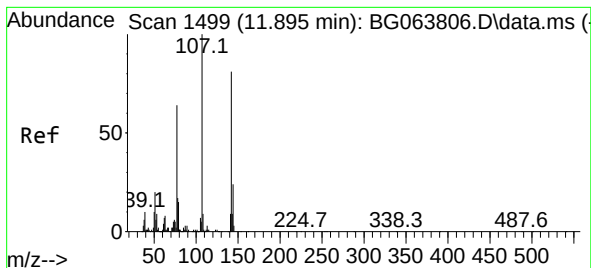


#34  
Caprolactam  
Concen: 17.875 ng/u1  
RT: 11.496 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



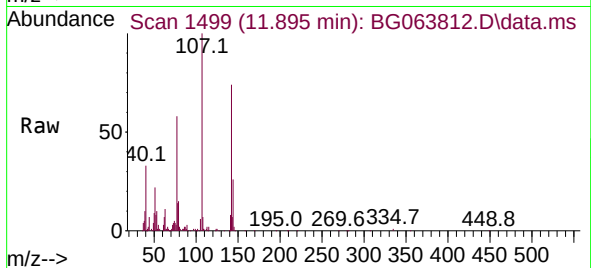
Tgt Ion:113 Resp: 34726  
Ion Ratio Lower Upper  
113 100  
55 197.3 162.3 243.5  
56 146.7 107.1 160.7





#35  
4-Chloro-3-methylphenol  
Concen: 17.366 ng/ul m  
RT: 11.895 min Scan# 1499  
Delta R.T. 0.006 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

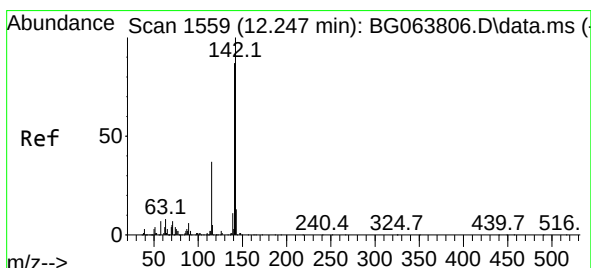
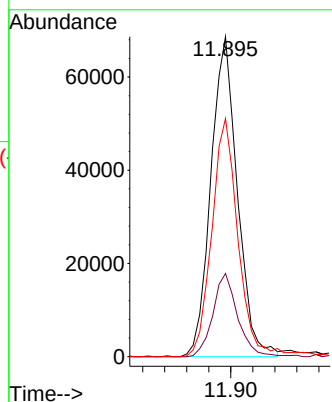
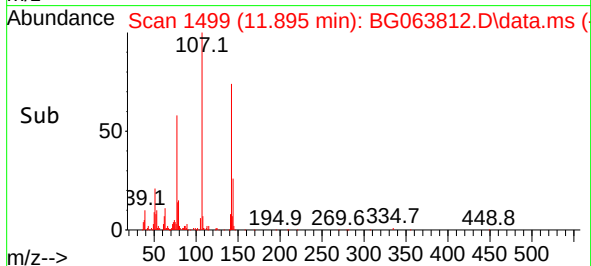
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion:107 Resp: 114582  
Ion Ratio Lower Upper  
107 100  
144 26.0 16.3 24.5  
142 74.4 55.0 82.4

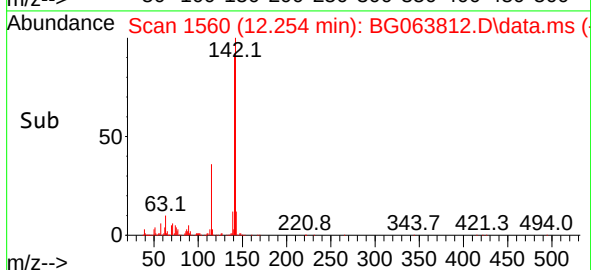
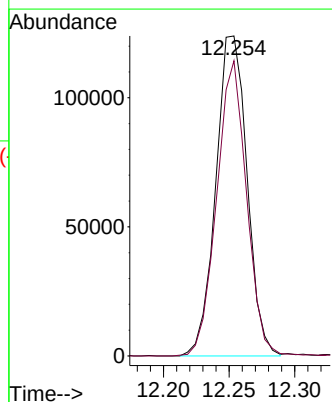
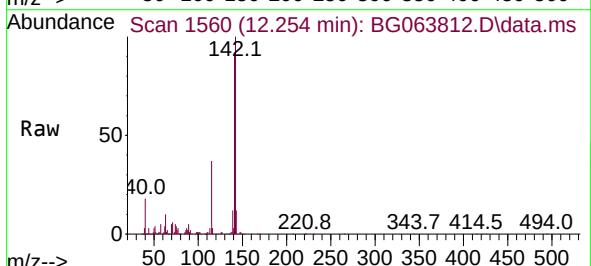
Manual Integrations  
APPROVED

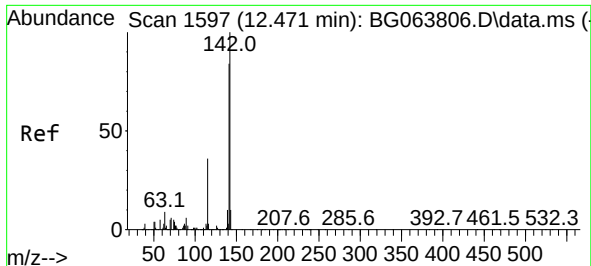
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#36  
2-Methylnaphthalene  
Concen: 15.652 ng/ul  
RT: 12.254 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

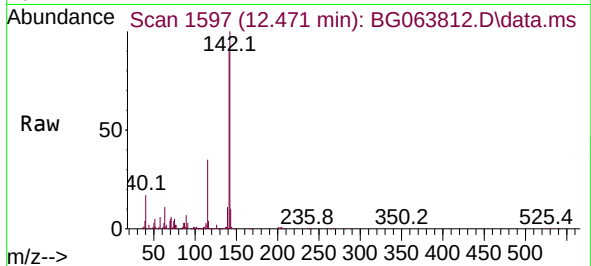
Tgt Ion:142 Resp: 205292  
Ion Ratio Lower Upper  
142 100  
141 92.2 69.5 104.3





#37  
1-Methylnaphthalene  
Concen: 15.784 ng/ul  
RT: 12.471 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

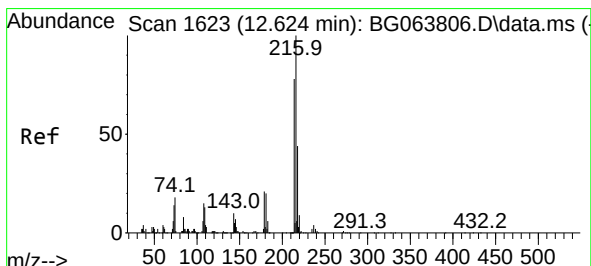
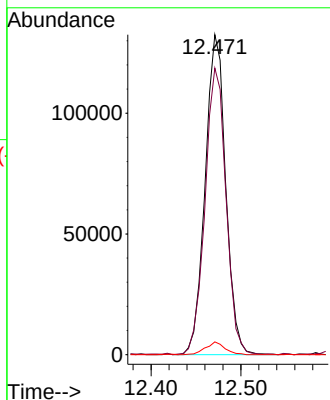
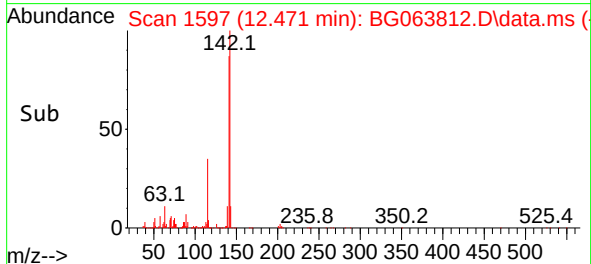
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



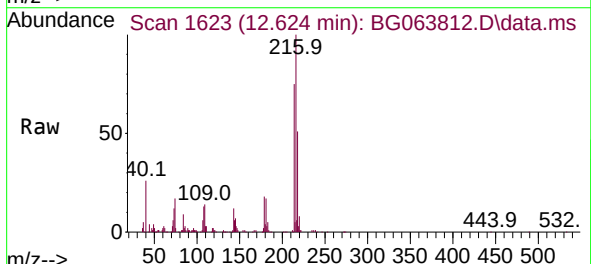
Tgt Ion:142 Resp: 210874  
Ion Ratio Lower Upper  
142 100  
141 89.6 73.8 110.6  
116 4.0 3.5 5.3

Manual Integrations  
APPROVED

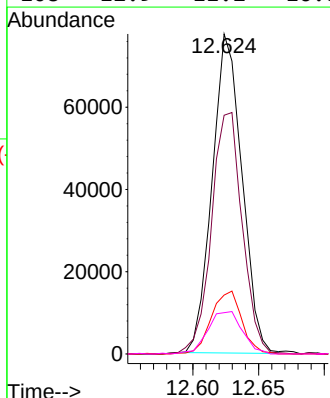
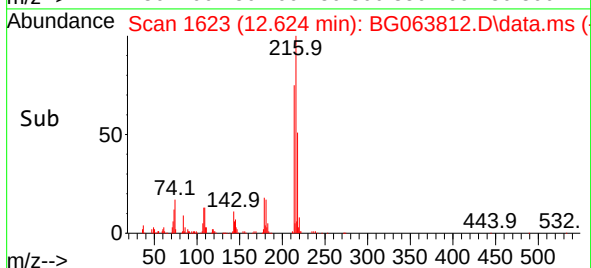
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



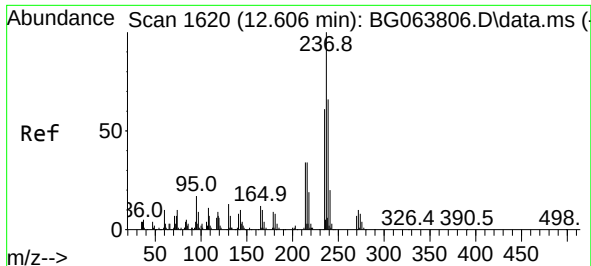
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 13.296 ng/ul  
RT: 12.624 min Scan# 1623  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



Tgt Ion:216 Resp: 122111  
Ion Ratio Lower Upper  
216 100  
214 74.6 62.6 93.8  
179 18.4 16.5 24.7  
108 12.9 11.2 16.8

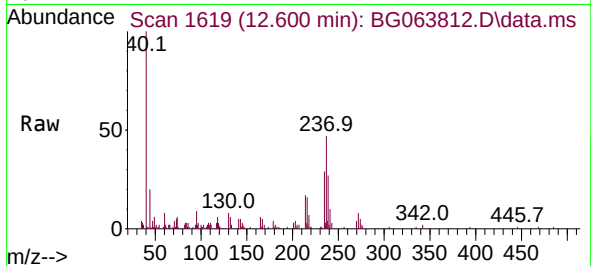






#40  
Hexachlorocyclopentadiene  
Concen: 4.013 ng/ul  
RT: 12.600 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

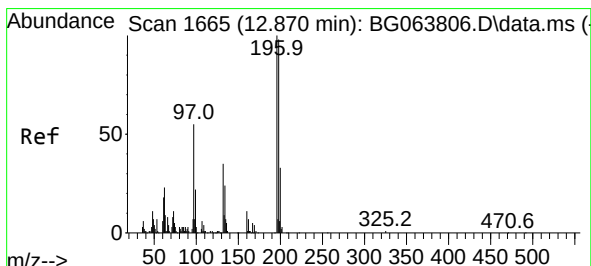
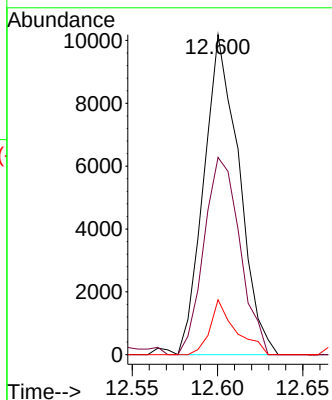
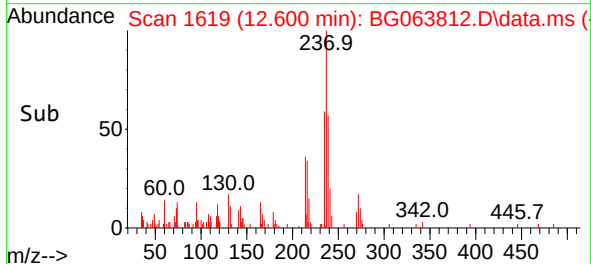
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



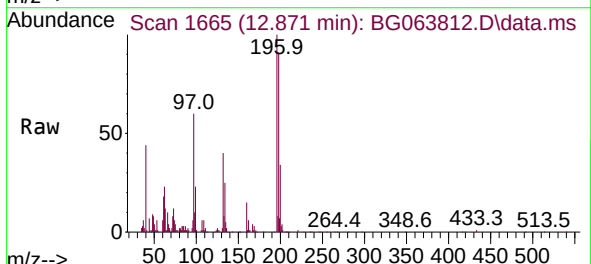
Tgt Ion:237 Resp: 1457  
Ion Ratio Lower Upper  
237 100  
235 61.6 51.0 76.6  
272 17.1 9.7 14.5

Manual Integrations  
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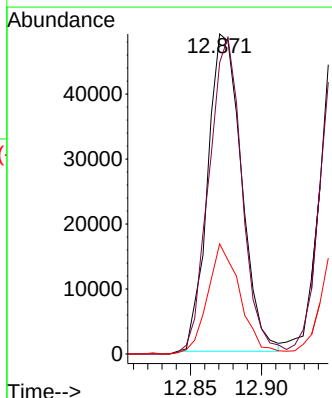
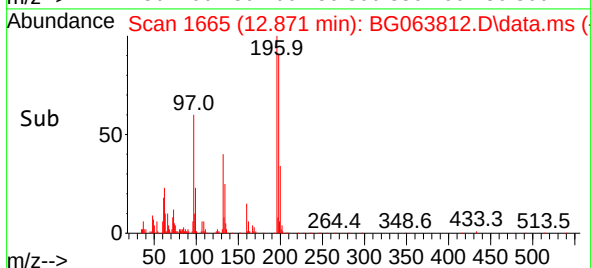
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

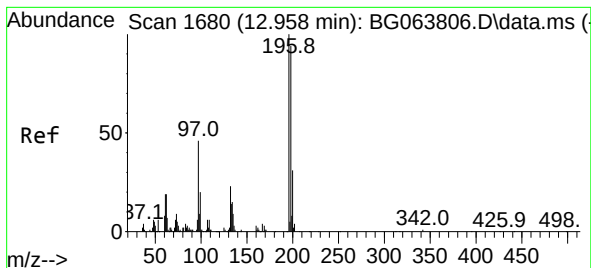


#41  
2,4,6-Trichlorophenol  
Concen: 15.577 ng/ul  
RT: 12.871 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



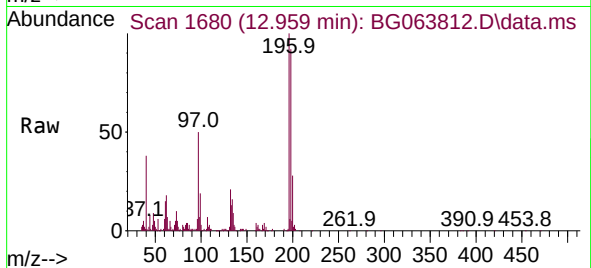
Tgt Ion:196 Resp: 80861  
Ion Ratio Lower Upper  
196 100  
198 91.1 72.4 108.6  
200 34.4 22.5 33.7#





#42  
2,4,5-Trichlorophenol  
Concen: 16.852 ng/ul  
RT: 12.959 min Scan# 1680  
Delta R.T. 0.006 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

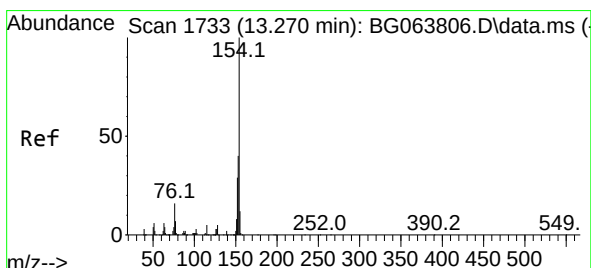
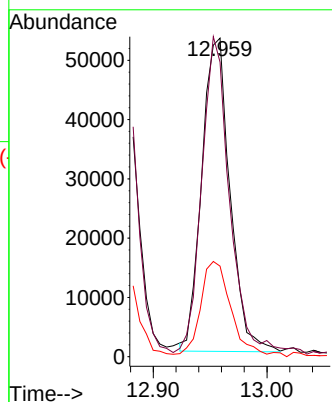
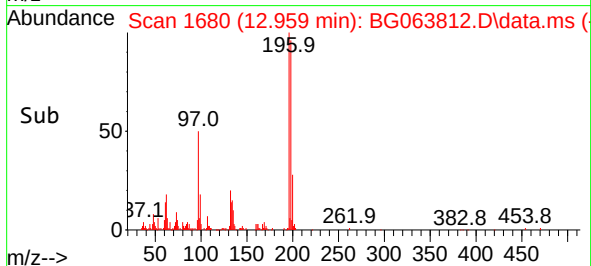
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



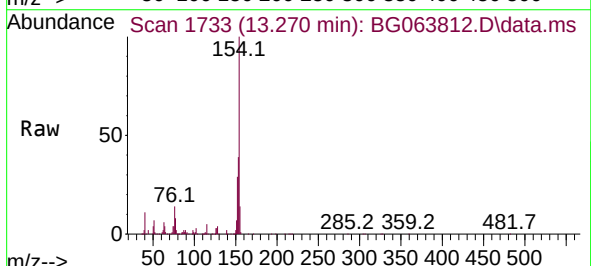
Tgt Ion:196 Resp: 91294  
Ion Ratio Lower Upper  
196 100  
198 92.5 74.2 111.4  
200 28.5 23.5 35.3

Manual Integrations  
APPROVED

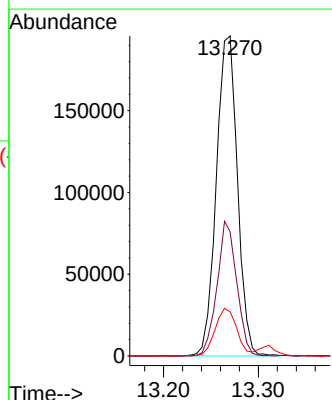
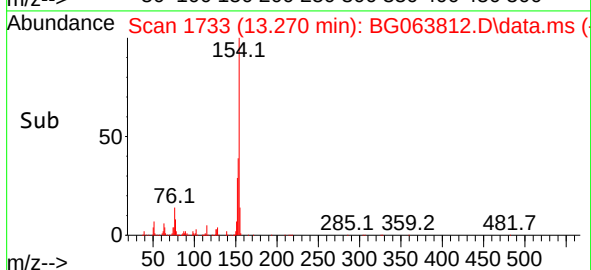
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

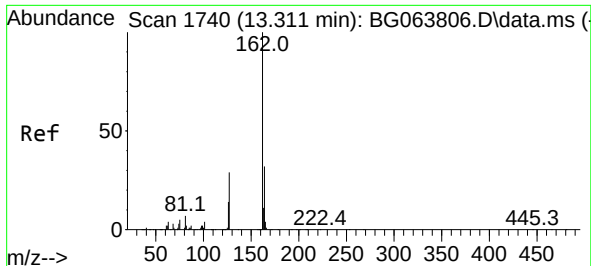


#43  
1,1'-Biphenyl  
Concen: 16.015 ng/ul  
RT: 13.270 min Scan# 1733  
Delta R.T. 0.006 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



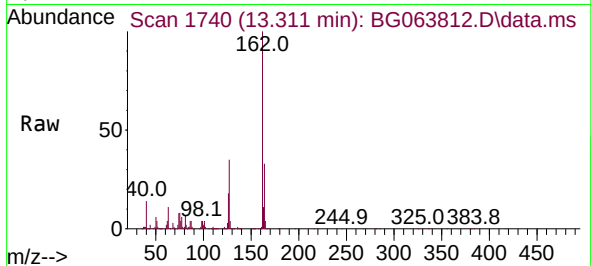
Tgt Ion:154 Resp: 303010  
Ion Ratio Lower Upper  
154 100  
153 38.8 35.1 52.7  
76 13.8 13.4 20.2





#44  
2-Chloronaphthalene  
Concen: 15.811 ng/ul  
RT: 13.311 min Scan# 1740  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

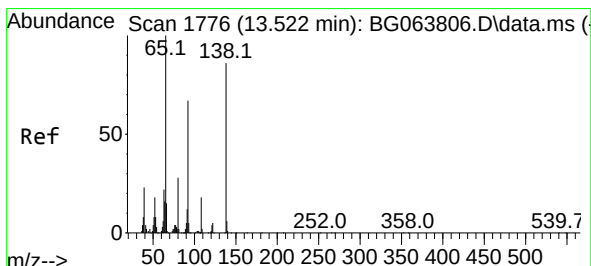
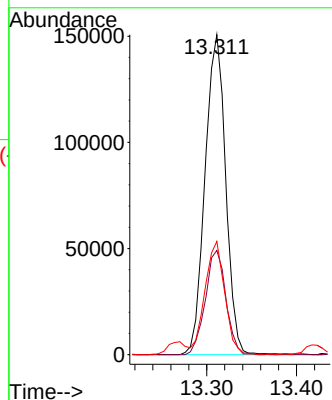
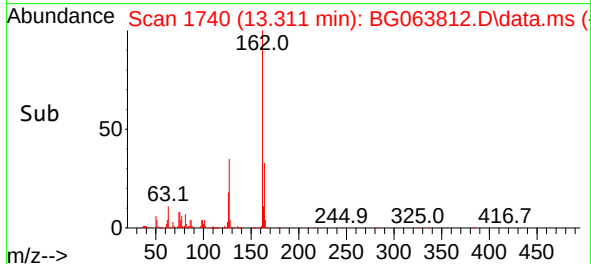
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



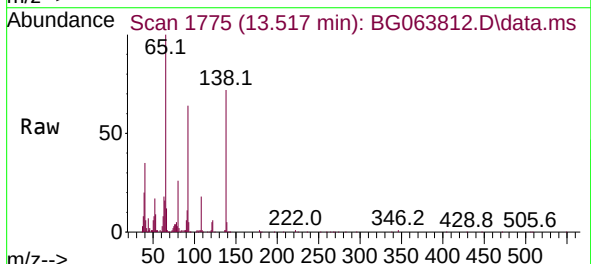
Tgt Ion:162 Resp: 240227  
Ion Ratio Lower Upper  
162 100  
164 32.6 25.2 37.8  
127 35.4 29.2 43.8

Manual Integrations  
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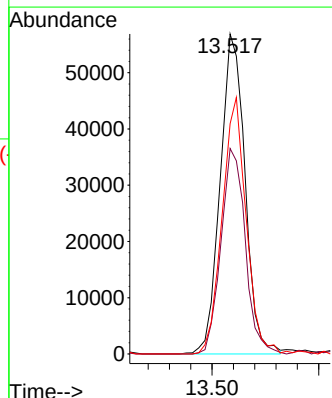
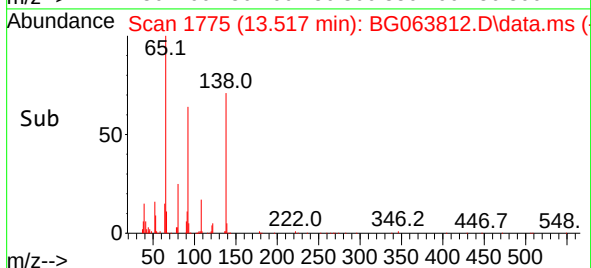
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

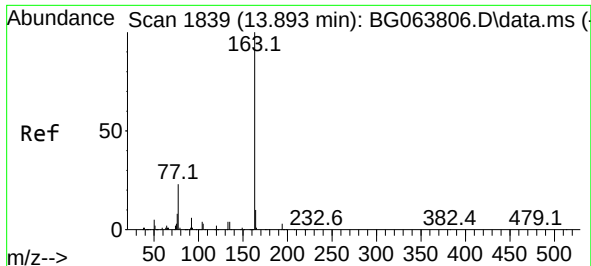


#45  
2-Nitroaniline  
Concen: 18.027 ng/ul  
RT: 13.517 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



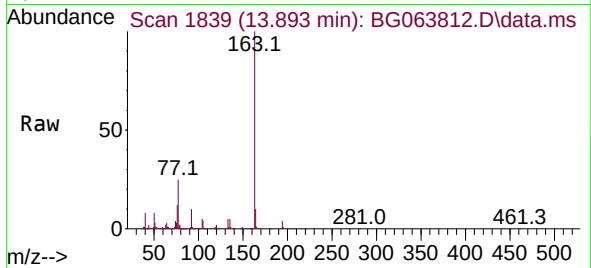
Tgt Ion: 65 Resp: 91743  
Ion Ratio Lower Upper  
65 100  
92 64.2 49.5 74.3  
138 71.9 61.8 92.8





#47  
Dimethylphthalate  
Concen: 17.456 ng/ul  
RT: 13.893 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

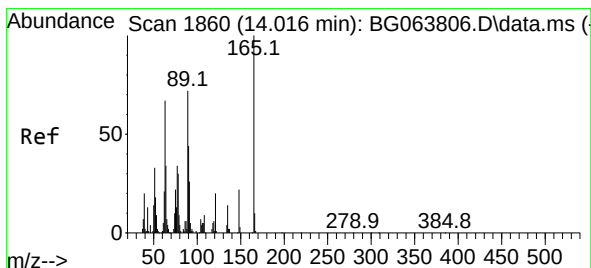
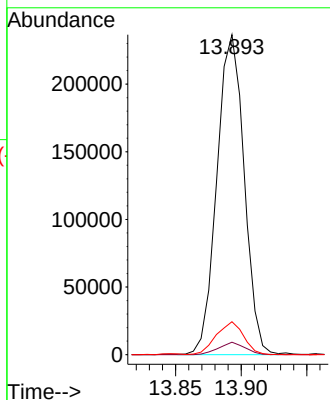
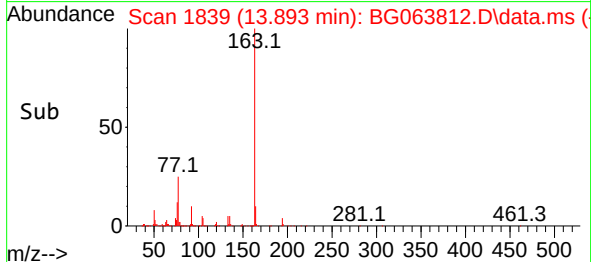
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



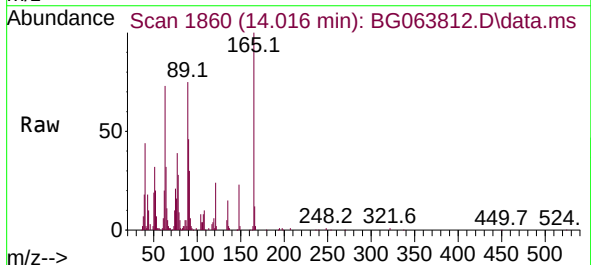
Tgt Ion:163 Resp: 34153  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.3 8.8 13.2

Manual Integrations  
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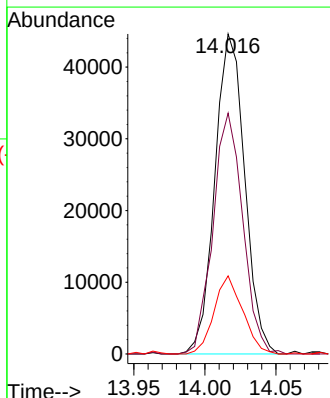
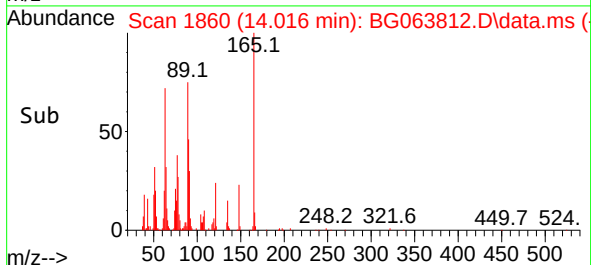
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

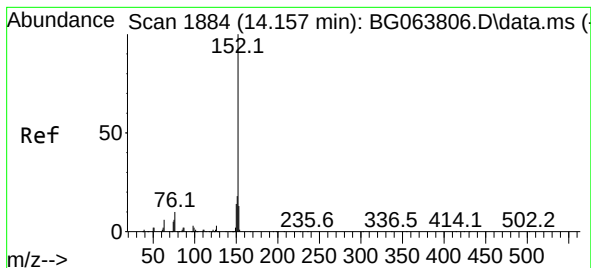


#48  
2,6-Dinitrotoluene  
Concen: 17.923 ng/ul  
RT: 14.016 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



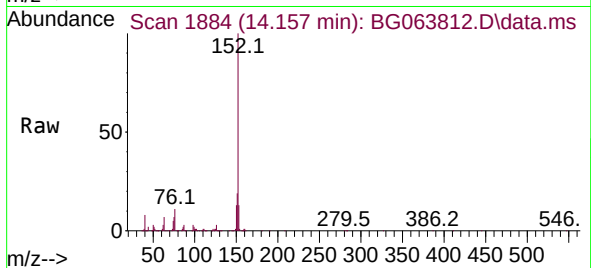
Tgt Ion:165 Resp: 65125  
Ion Ratio Lower Upper  
165 100  
89 75.2 59.4 89.2  
121 24.4 20.8 31.2





#50  
Acenaphthylene  
Concen: 16.406 ng/ul  
RT: 14.157 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

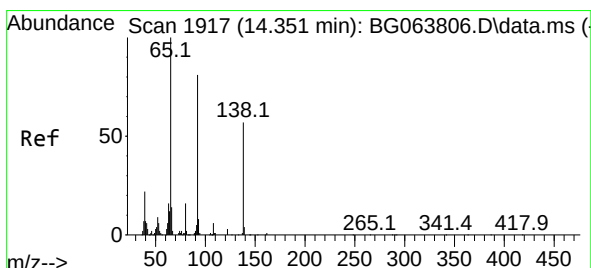
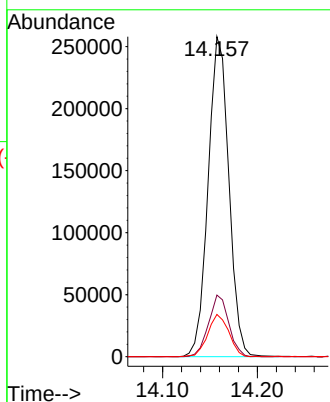
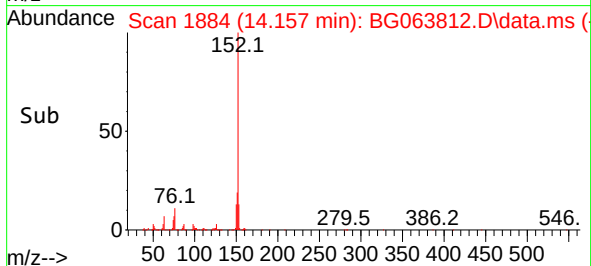
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion:152 Resp: 391484  
Ion Ratio Lower Upper  
152 100  
151 19.3 14.6 22.0  
153 13.2 10.0 15.0

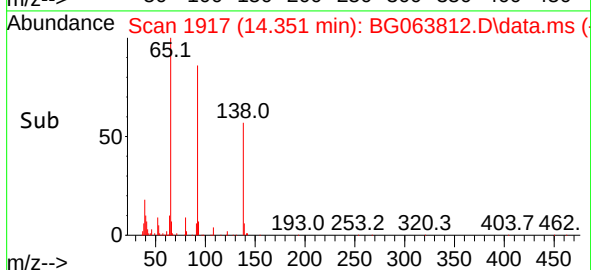
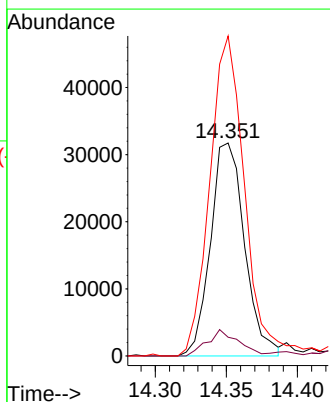
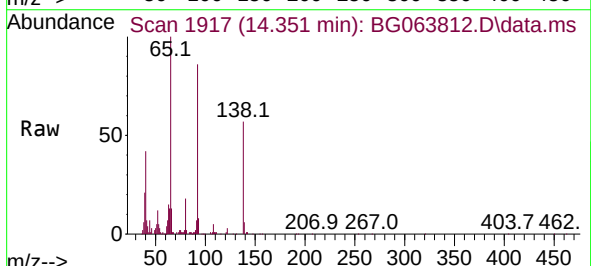
Manual Integrations  
APPROVED

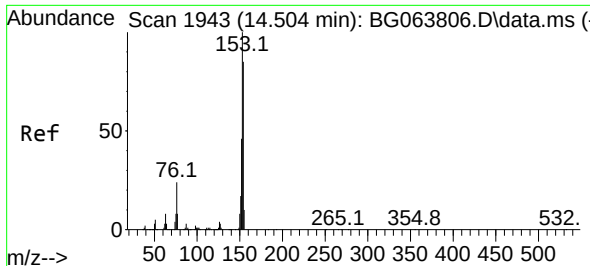
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#51  
3-Nitroaniline  
Concen: 15.772 ng/ul  
RT: 14.351 min Scan# 1917  
Delta R.T. 0.006 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

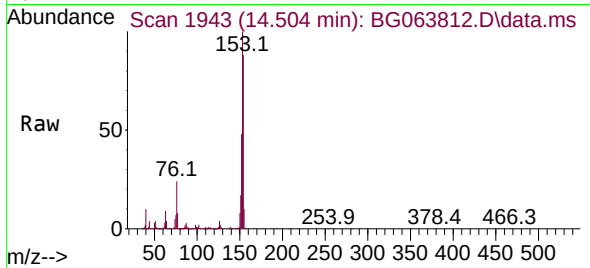
Tgt Ion:138 Resp: 52986  
Ion Ratio Lower Upper  
138 100  
108 8.8 8.4 12.6  
92 150.3 120.4 180.6





#52  
Acenaphthene  
Concen: 17.363 ng/ul  
RT: 14.504 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

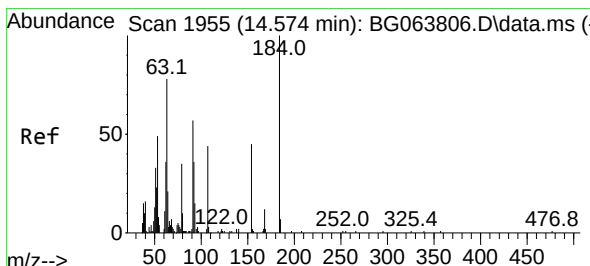
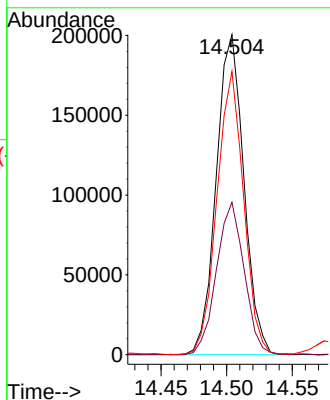
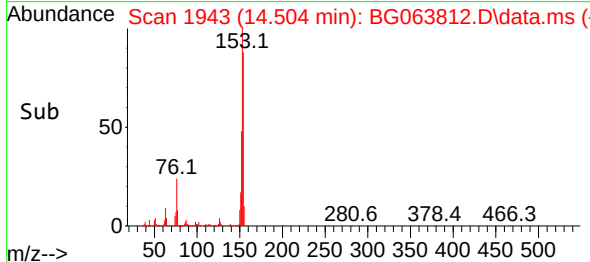
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion:153 Resp: 29366  
Ion Ratio Lower Upper  
153 100  
152 47.6 40.2 60.4  
154 88.5 70.8 106.2

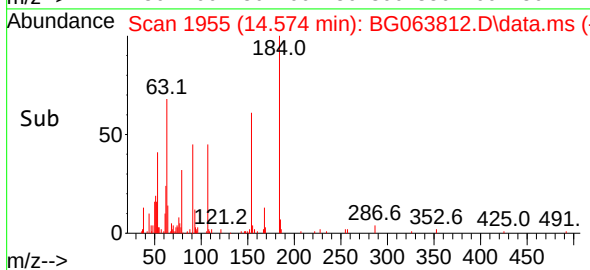
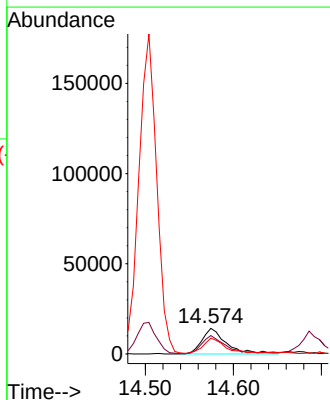
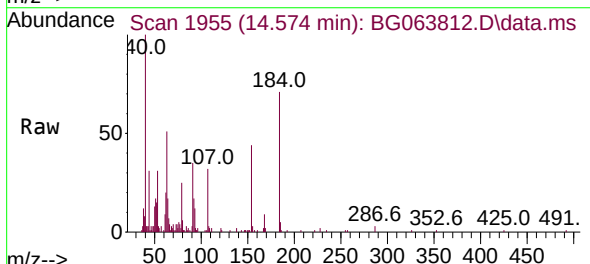
Manual Integrations  
APPROVED

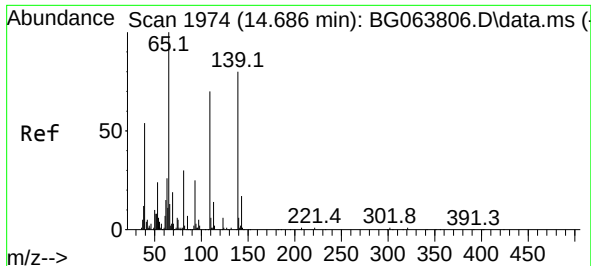
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#53  
2,4-Dinitrophenol  
Concen: 14.753 ng/ul m  
RT: 14.574 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

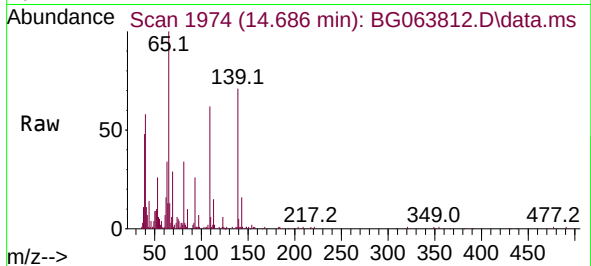
Tgt Ion:184 Resp: 27396  
Ion Ratio Lower Upper  
184 100  
63 71.8 52.1 78.1  
154 61.4 47.8 71.6





#55  
4-Nitrophenol  
Concen: 15.146 ng/ul  
RT: 14.686 min Scan# 1974  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

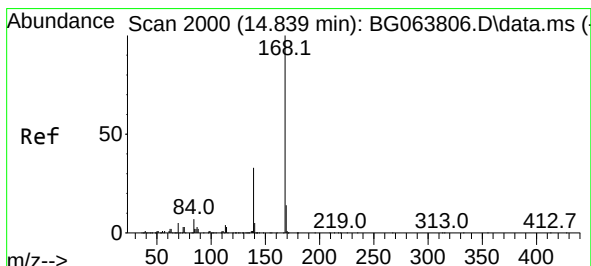
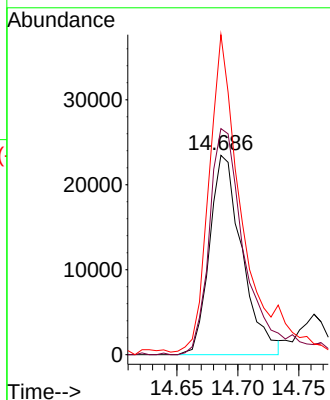
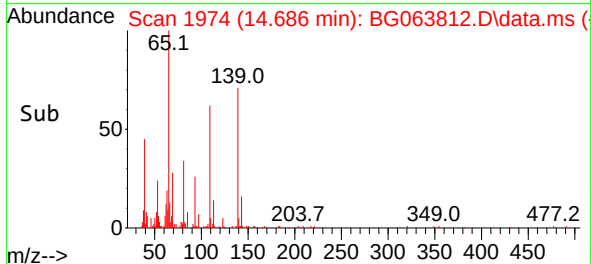
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion:109 Resp: 43502  
Ion Ratio Lower Upper  
109 100  
139 113.4 86.4 129.6  
65 160.5 127.0 190.4

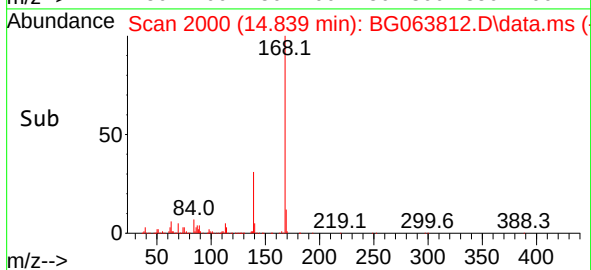
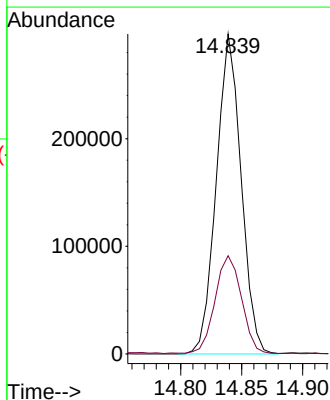
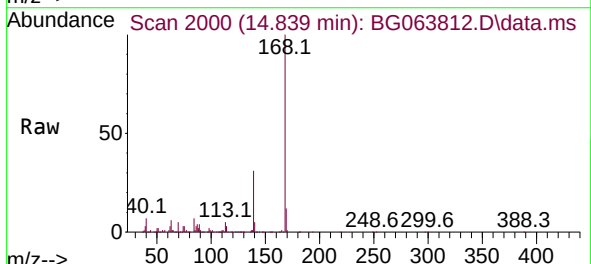
Manual Integrations  
APPROVED

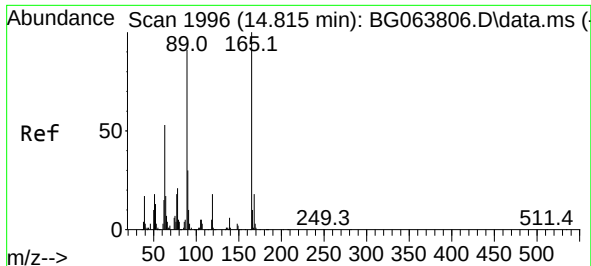
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#56  
Dibenzofuran  
Concen: 17.638 ng/ul  
RT: 14.839 min Scan# 2000  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Tgt Ion:168 Resp: 420560  
Ion Ratio Lower Upper  
168 100  
139 30.7 27.8 41.8





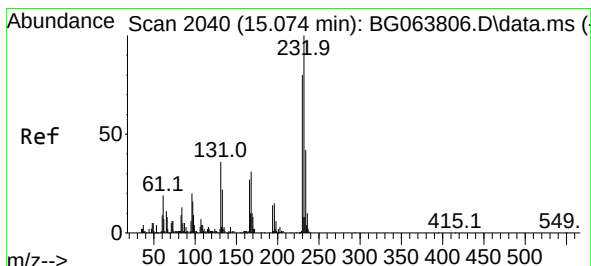
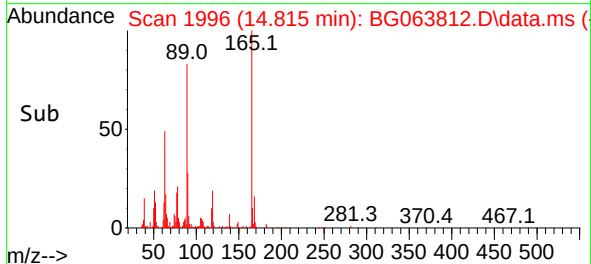
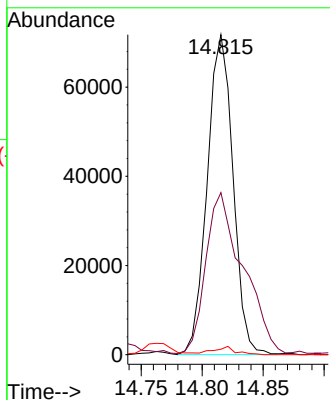
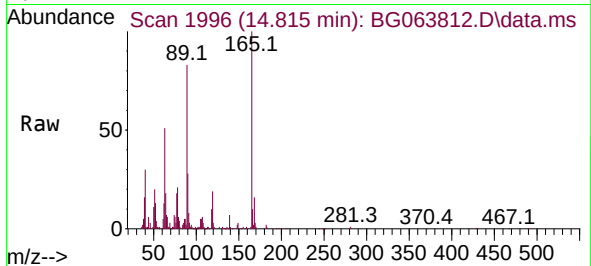
#57  
2,4-Dinitrotoluene  
Concen: 19.575 ng/ul  
RT: 14.815 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS

Tgt Ion:165 Resp: 10568  
Ion Ratio Lower Upper  
165 100  
63 50.7 45.0 67.4  
182 1.7 1.8 2.8

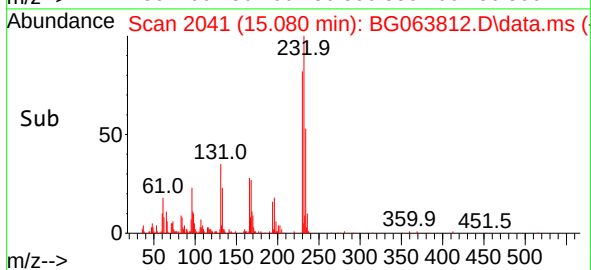
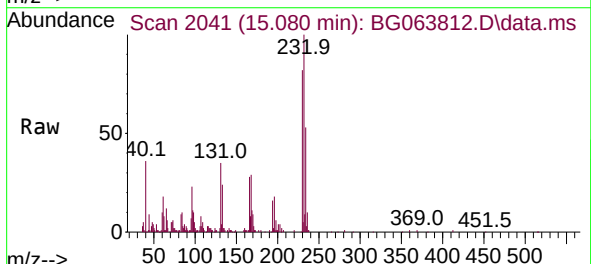
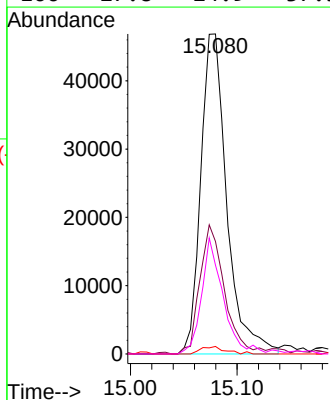
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

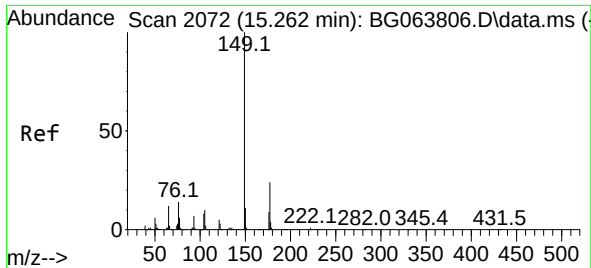


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 17.093 ng/ul  
RT: 15.080 min Scan# 2041  
Delta R.T. 0.006 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Tgt Ion:232 Resp: 79819  
Ion Ratio Lower Upper  
232 100  
131 35.1 30.3 45.5  
130 2.4 1.8 2.6  
166 27.8 24.9 37.3

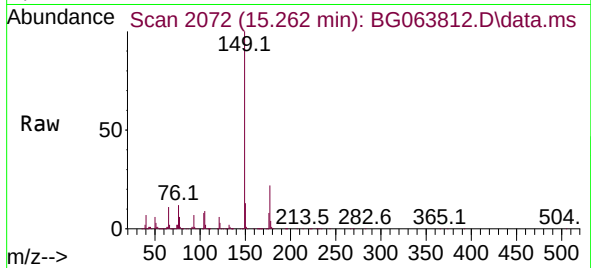






#59  
Diethylphthalate  
Concen: 18.453 ng/ul  
RT: 15.262 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

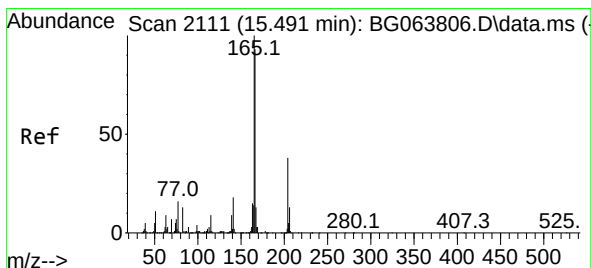
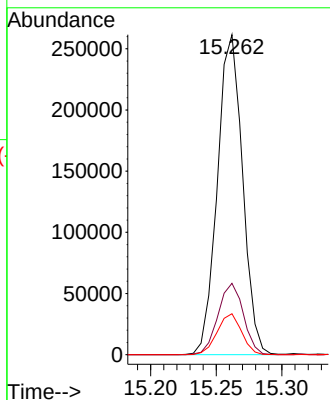
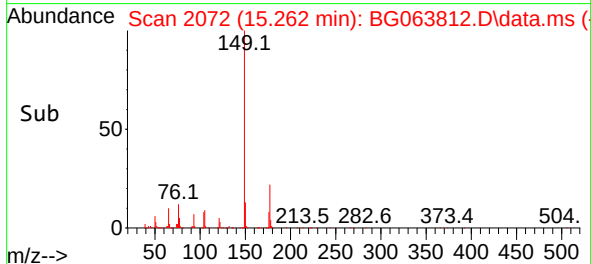
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



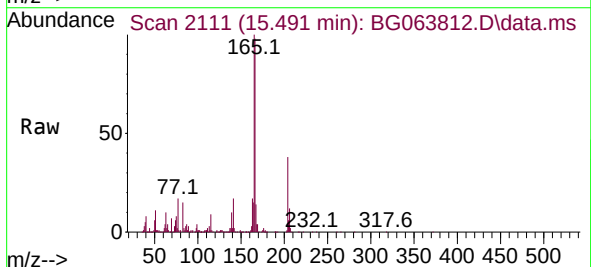
Tgt Ion:149 Resp: 34903  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.6 26.4  
150 12.8 9.0 13.4

Manual Integrations  
APPROVED

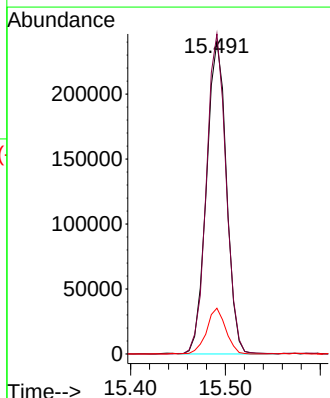
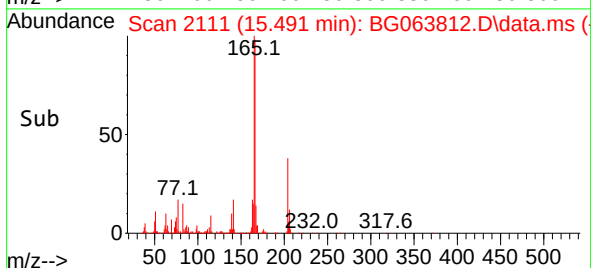
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

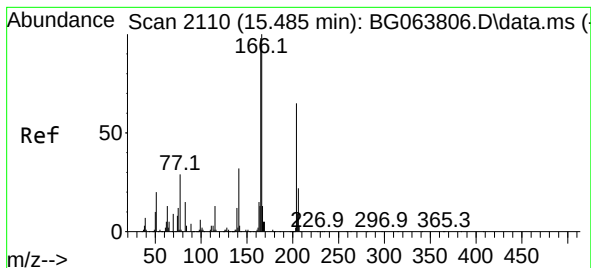


#61  
Fluorene  
Concen: 18.483 ng/ul  
RT: 15.491 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



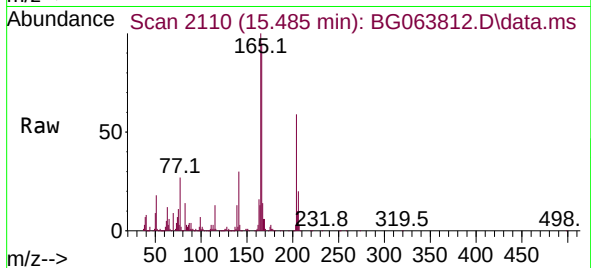
Tgt Ion:166 Resp: 351903  
Ion Ratio Lower Upper  
166 100  
165 102.4 81.9 122.9  
167 14.6 11.4 17.0





#62  
4-Chlorophenyl-phenylether  
Concen: 16.970 ng/ul  
RT: 15.485 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

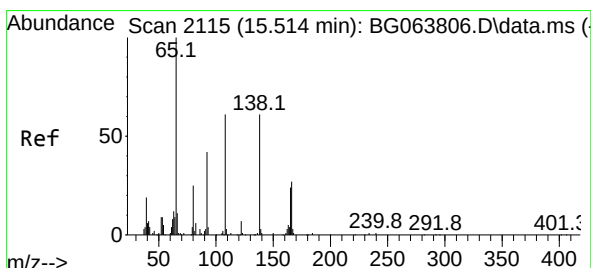
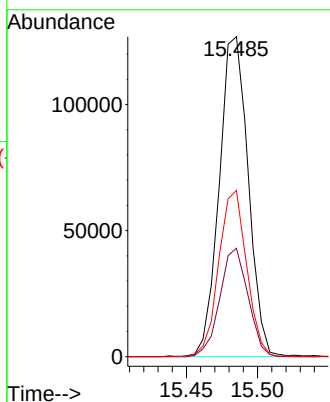
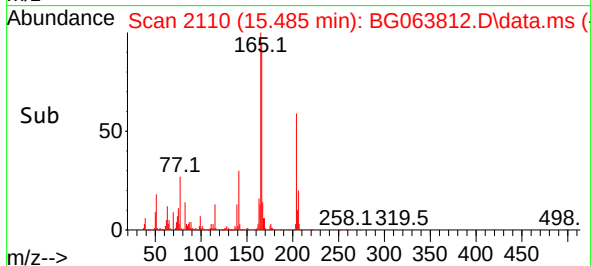
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion:204 Resp: 180000  
Ion Ratio Lower Upper  
204 100  
206 33.9 25.6 38.4  
141 51.9 42.3 63.5

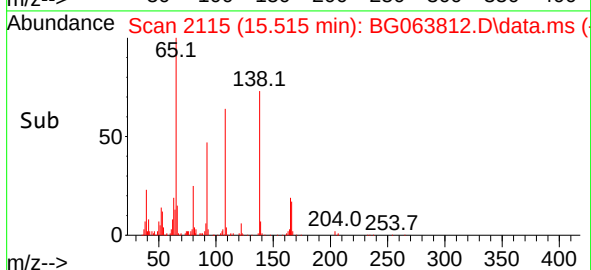
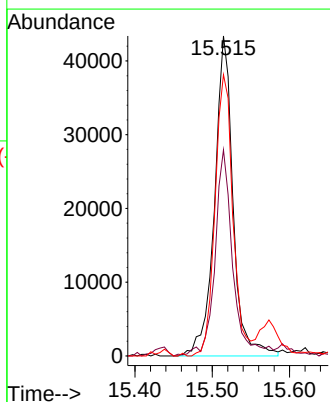
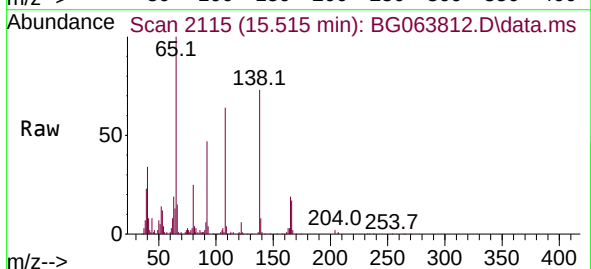
Manual Integrations  
APPROVED

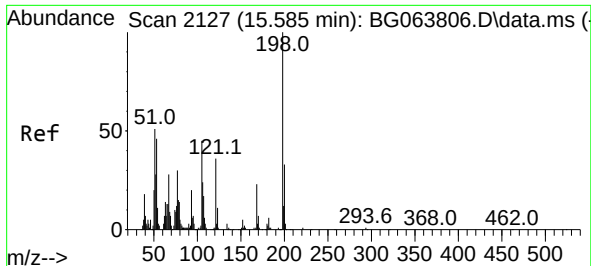
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#63  
4-Nitroaniline  
Concen: 21.527 ng/ul m  
RT: 15.515 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Tgt Ion:138 Resp: 72402  
Ion Ratio Lower Upper  
138 100  
92 64.4 53.2 79.8  
108 87.9 79.4 119.0





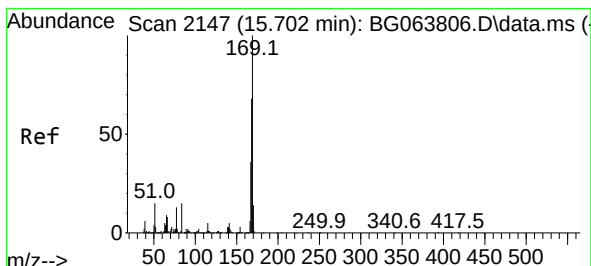
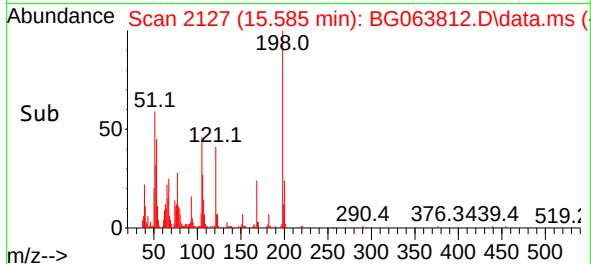
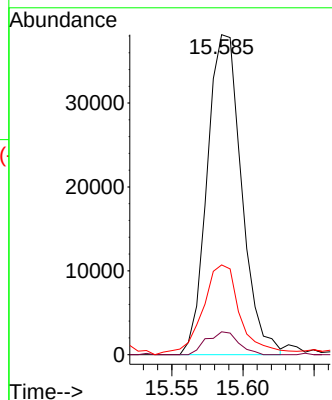
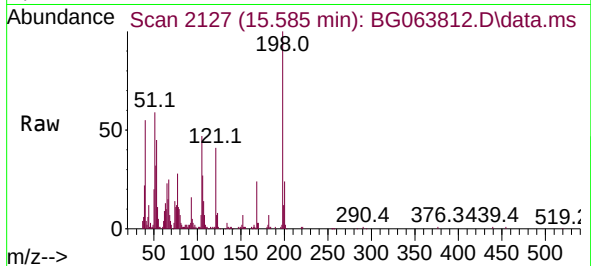
#66  
4,6-Dinitro-2-methylphenol  
Concen: 16.896 ng/ul  
RT: 15.585 min Scan# 2127  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS

Tgt Ion:198 Resp: 64110  
Ion Ratio Lower Upper  
198 100  
182 7.1 3.4 5.2  
77 28.1 25.2 37.8

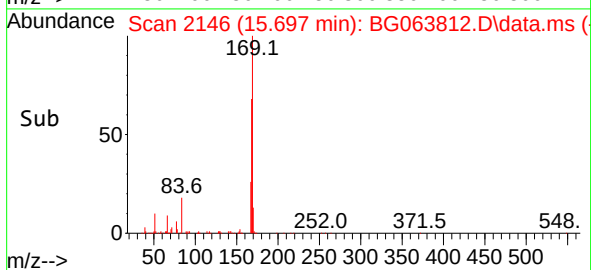
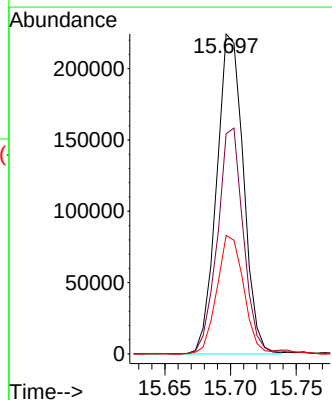
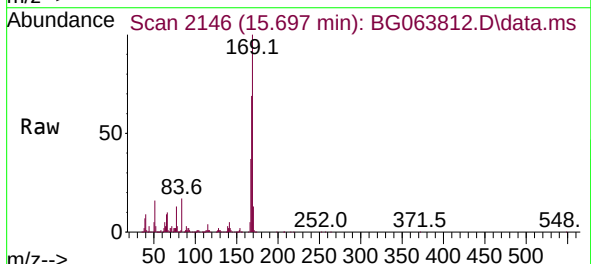
Manual Integrations  
APPROVED

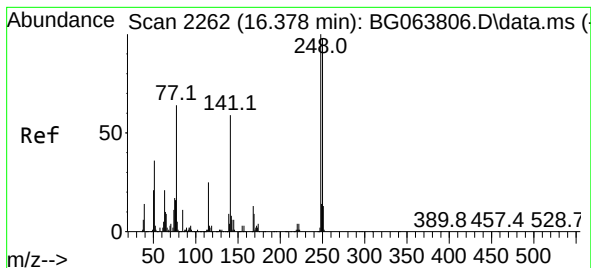
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#67  
N-Nitrosodiphenylamine  
Concen: 18.484 ng/ul  
RT: 15.697 min Scan# 2146  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

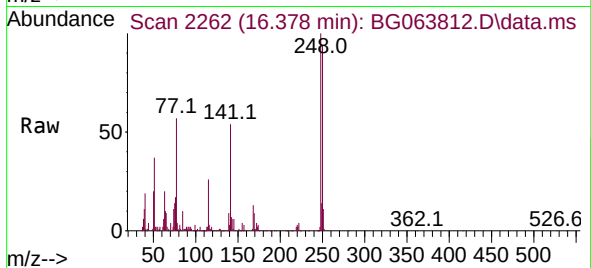
Tgt Ion:169 Resp: 317554  
Ion Ratio Lower Upper  
169 100  
168 68.8 54.0 81.0  
167 37.0 29.8 44.8





#68  
4-Bromophenyl-phenylether  
Concen: 17.758 ng/ul  
RT: 16.378 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

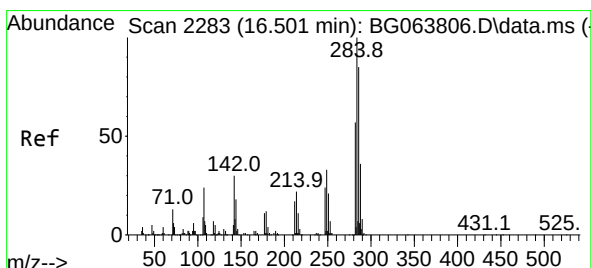
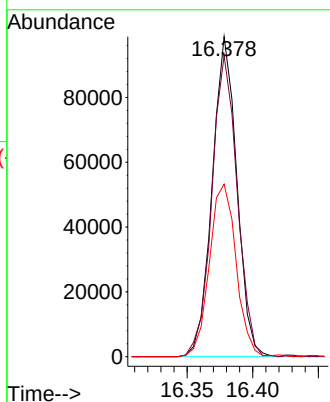
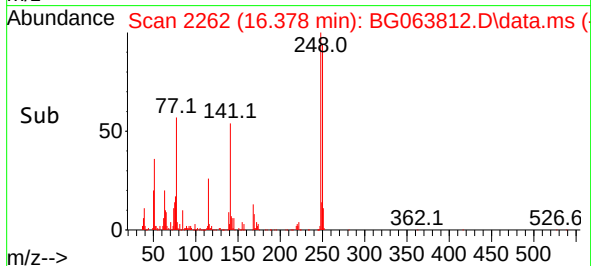
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



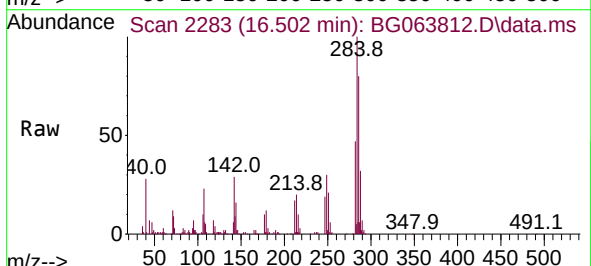
Tgt Ion:248 Resp: 128392  
Ion Ratio Lower Upper  
248 100  
250 94.1 76.1 114.1  
141 53.9 46.0 69.0

Manual Integrations  
APPROVED

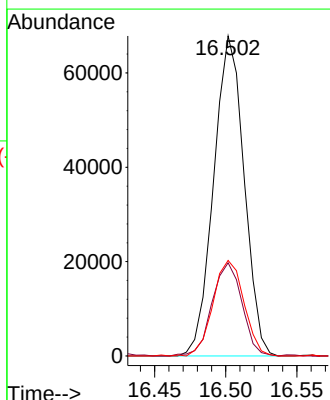
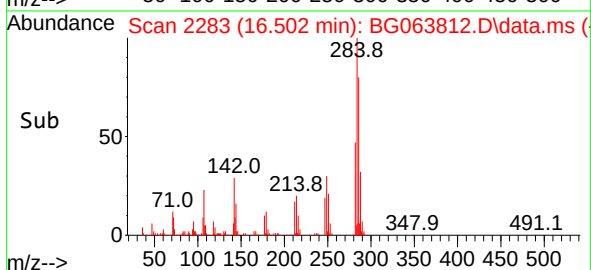
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

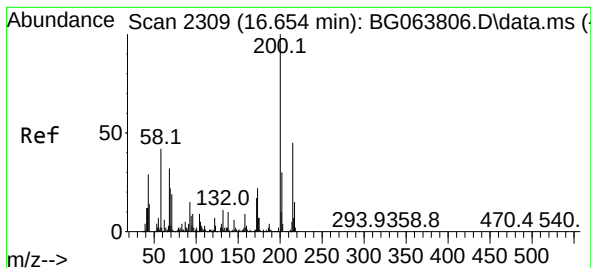


#69  
Hexachlorobenzene  
Concen: 12.467 ng/ul  
RT: 16.502 min Scan# 2283  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



Tgt Ion:284 Resp: 100988  
Ion Ratio Lower Upper  
284 100  
142 29.1 23.9 35.9  
249 29.9 24.6 36.8





#70

Atrazine

Concen: 18.303 ng/ul

RT: 16.648 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Instrument :

BNA\_G

ClientSampleId :

E2923MS

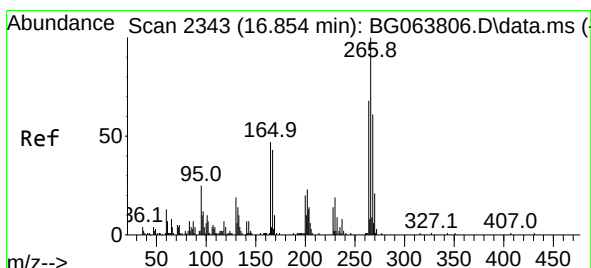
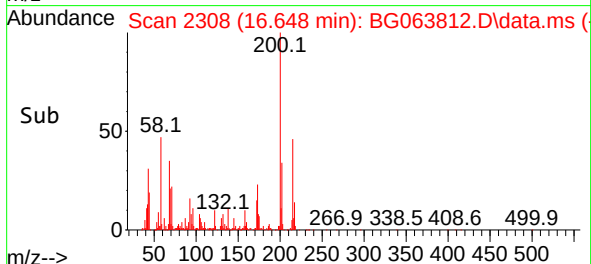
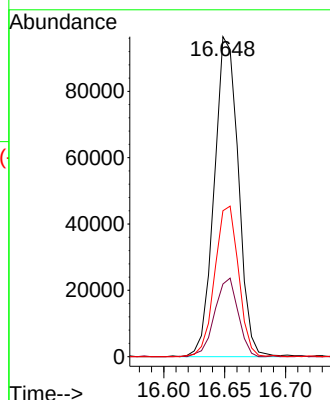
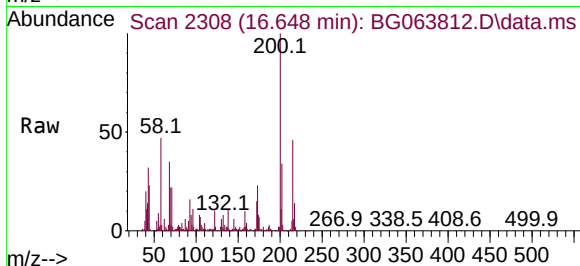
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.7  | 21.3  | 31.9  |
| 215     | 45.6  | 37.8  | 56.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#71

Pentachlorophenol

Concen: 14.330 ng/ul m

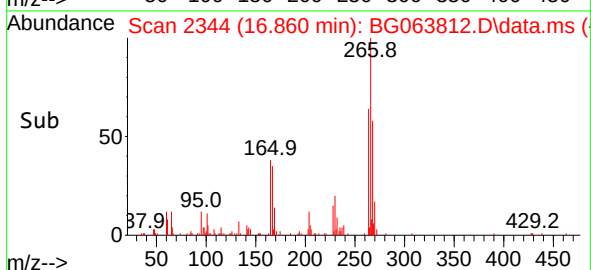
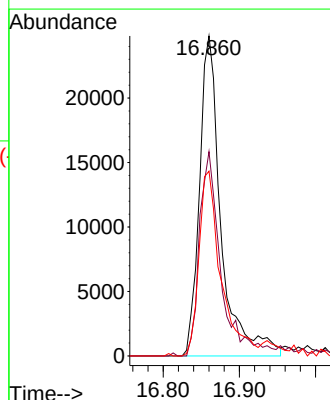
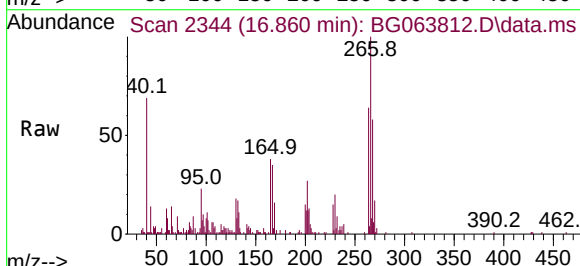
RT: 16.860 min Scan# 2344

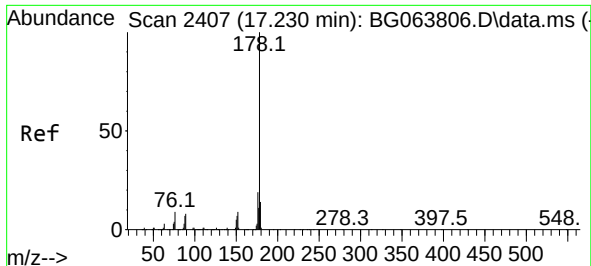
Delta R.T. 0.006 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

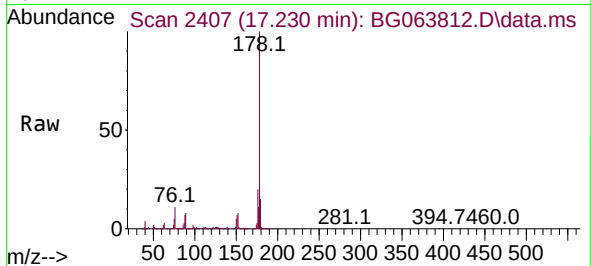
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.9  | 49.3  | 73.9  |
| 268     | 57.7  | 50.5  | 75.7  |





#72  
Phenanthrene  
Concen: 20.436 ng/u1  
RT: 17.230 min Scan# 2407  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

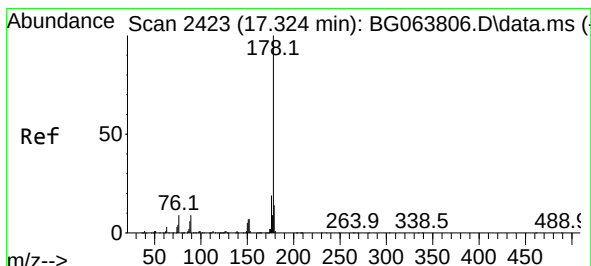
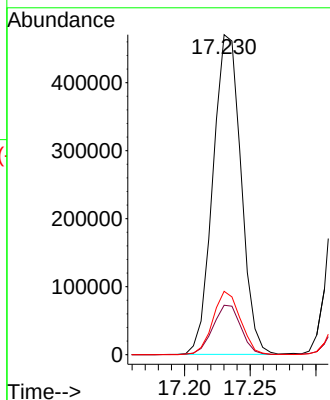
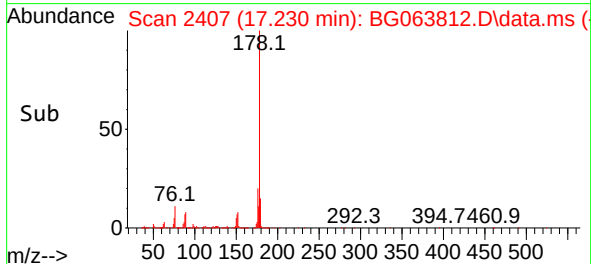
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



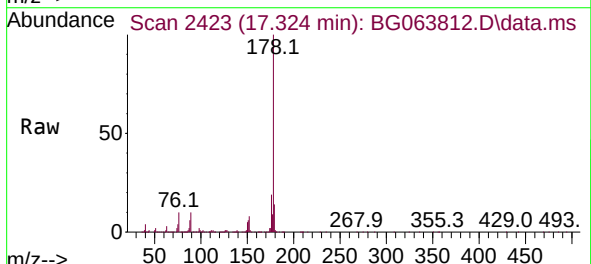
Tgt Ion:178 Resp: 69866  
Ion Ratio Lower Upper  
178 100  
179 15.4 12.2 18.2  
176 19.8 15.8 23.6

Manual Integrations  
APPROVED

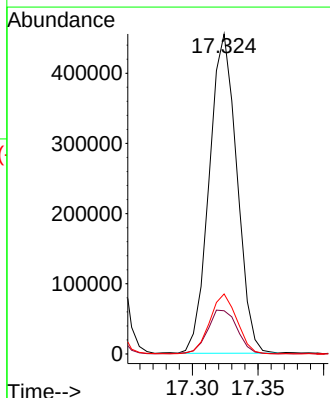
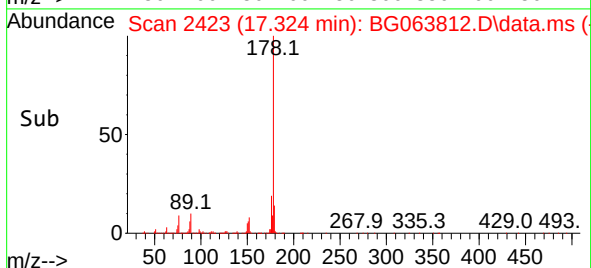
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

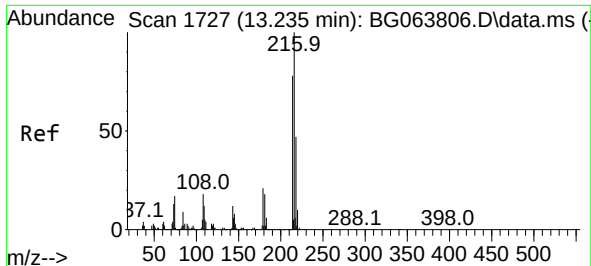


#74  
Anthracene  
Concen: 19.283 ng/u1  
RT: 17.324 min Scan# 2423  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



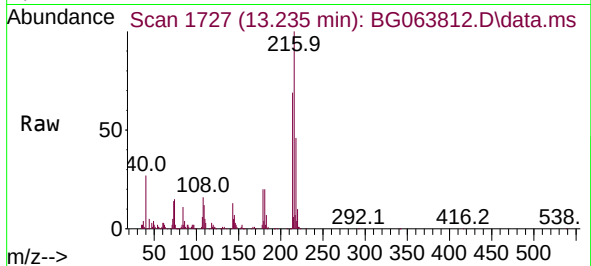
Tgt Ion:178 Resp: 667242  
Ion Ratio Lower Upper  
178 100  
179 13.5 12.4 18.6  
176 18.8 14.4 21.6





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 12.993 ng/ul  
RT: 13.235 min Scan# 1727  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

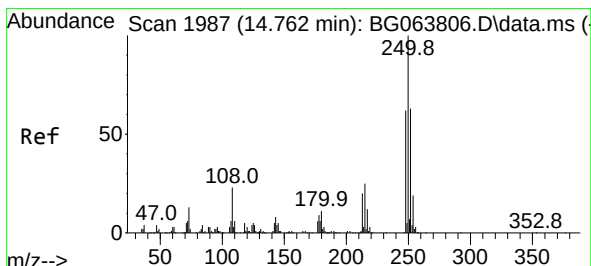
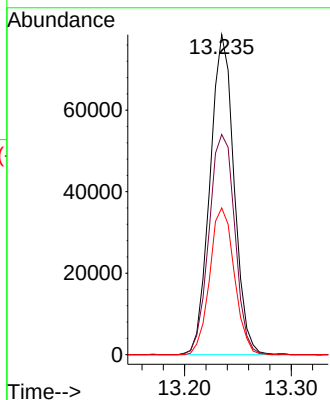
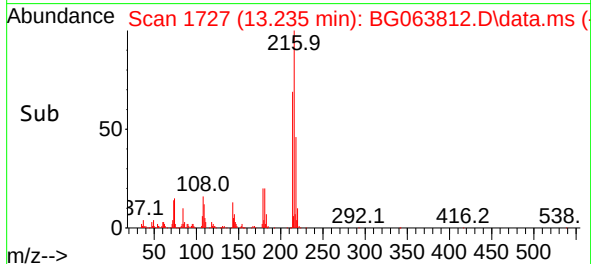
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



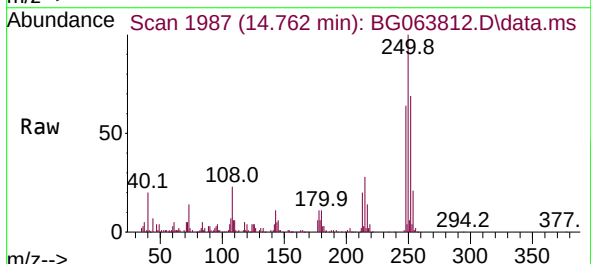
Tgt Ion:216 Resp: 122985  
Ion Ratio Lower Upper  
216 100  
214 68.8 60.2 90.4  
218 45.8 37.6 56.4

Manual Integrations  
APPROVED

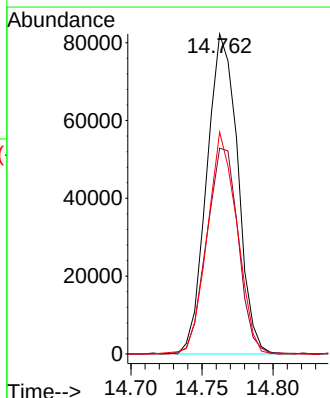
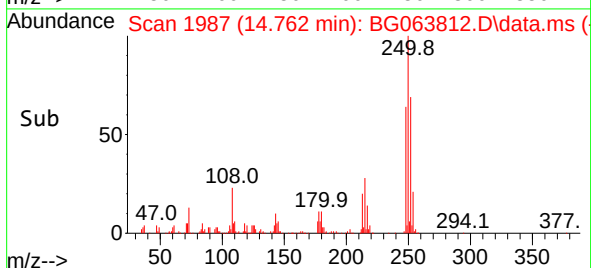
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

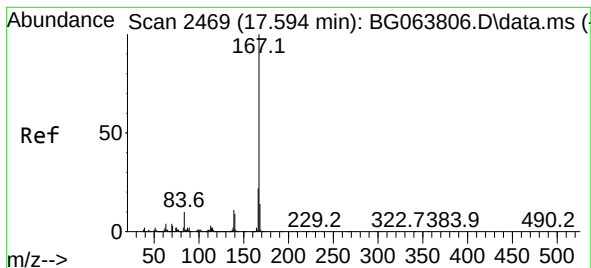


#76  
Pentachlorobenzene  
Concen: 13.301 ng/ul  
RT: 14.762 min Scan# 1987  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



Tgt Ion:250 Resp: 124731  
Ion Ratio Lower Upper  
250 100  
248 64.3 49.8 74.8  
252 69.4 50.4 75.6





#77

Carbazole

Concen: 18.337 ng/ul

RT: 17.594 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Instrument :

BNA\_G

ClientSampleId :

E2923MS

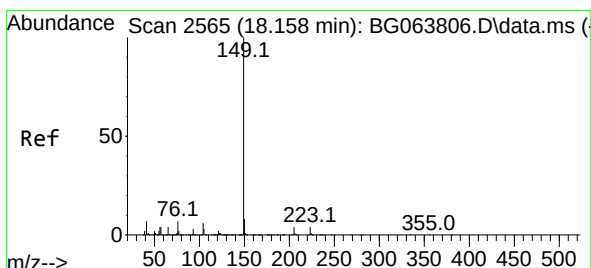
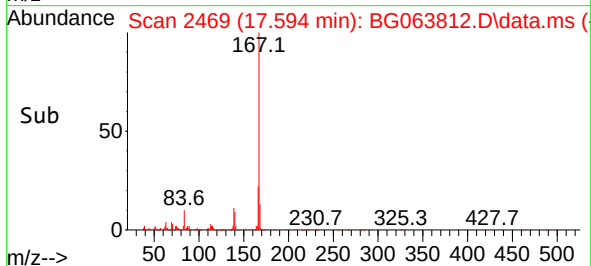
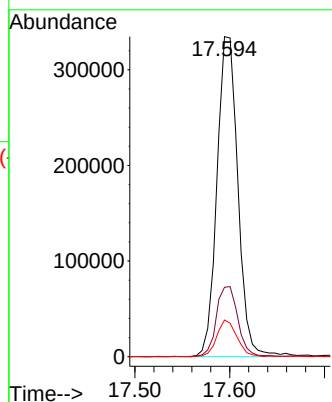
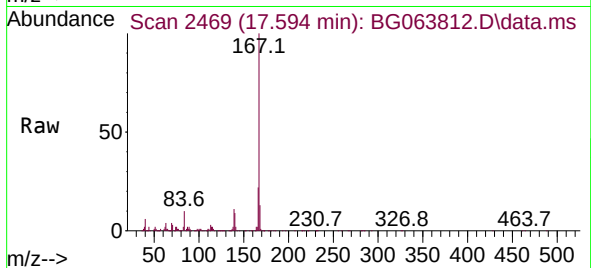
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 513629 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.7  | 18.2  | 27.4   |
| 139       | 11.4  | 10.1  | 15.1   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#78

Di-n-butylphthalate

Concen: 21.238 ng/ul

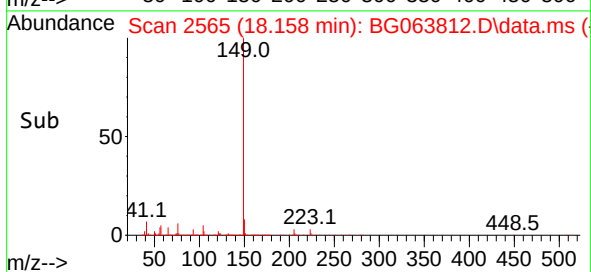
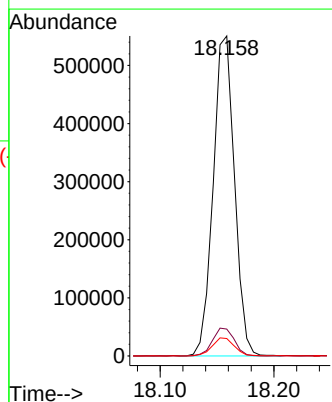
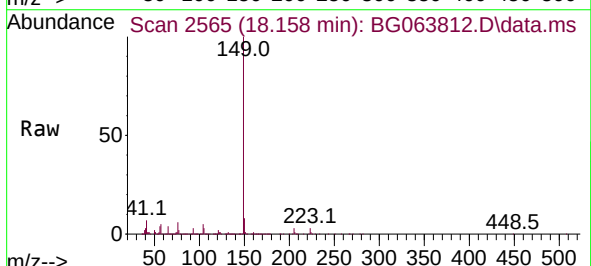
RT: 18.158 min Scan# 2565

Delta R.T. 0.006 min

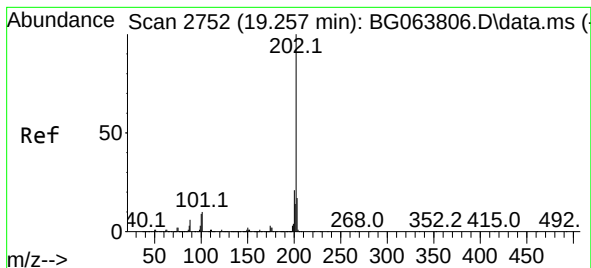
Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 718430 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.4   | 7.2   | 10.8   |
| 104       | 5.4   | 5.4   | 8.0    |

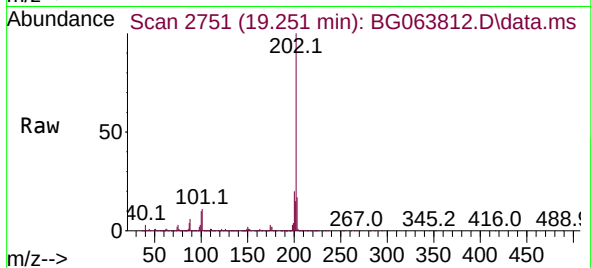






#80  
Fluoranthene  
Concen: 20.823 ng/u1  
RT: 19.251 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

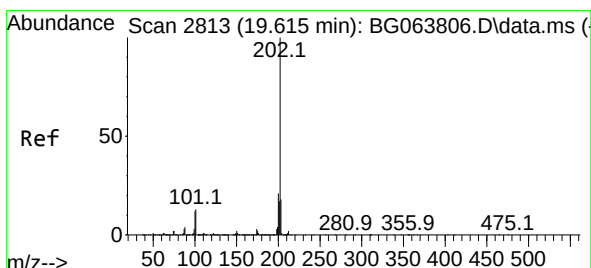
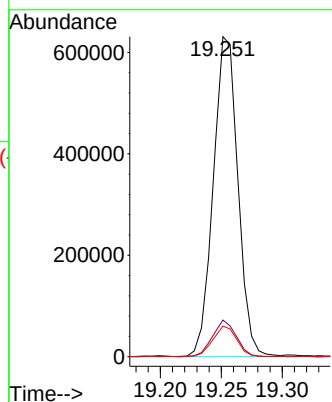
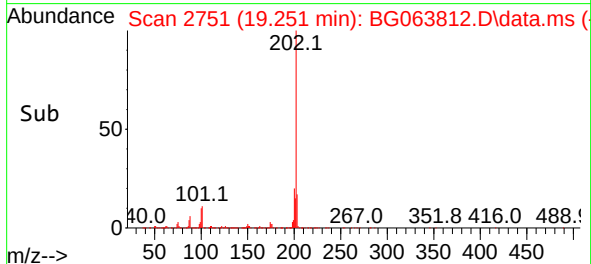
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



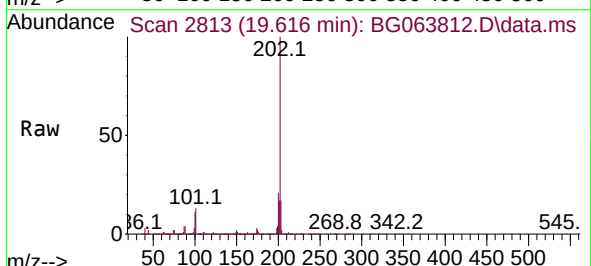
Tgt Ion:202 Resp: 88676  
Ion Ratio Lower Upper  
202 100  
101 11.4 8.1 12.1  
100 9.5 6.5 9.7

Manual Integrations  
APPROVED

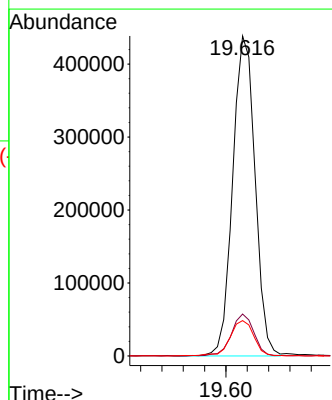
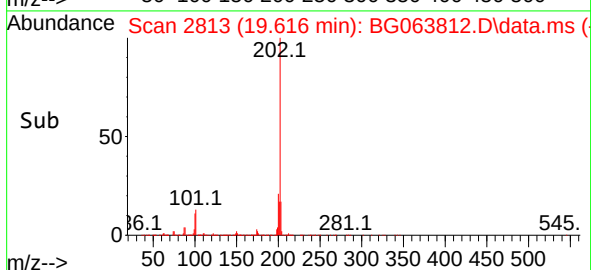
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024

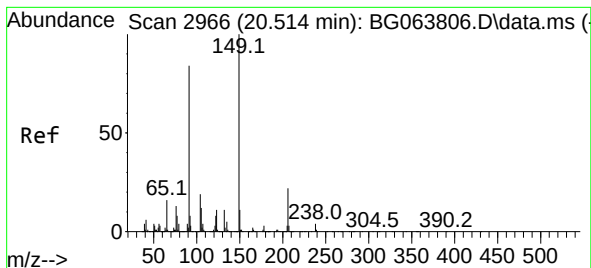


#82  
Pyrene  
Concen: 14.119 ng/u1  
RT: 19.616 min Scan# 2813  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51



Tgt Ion:202 Resp: 639717  
Ion Ratio Lower Upper  
202 100  
101 13.1 8.7 13.1#  
100 11.0 7.8 11.6





#83

Butylbenzylphthalate

Concen: 22.130 ng/ul

RT: 20.509 min Scan# 2965

Delta R.T. 0.000 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Instrument :

BNA\_G

ClientSampleId :

E2923MS

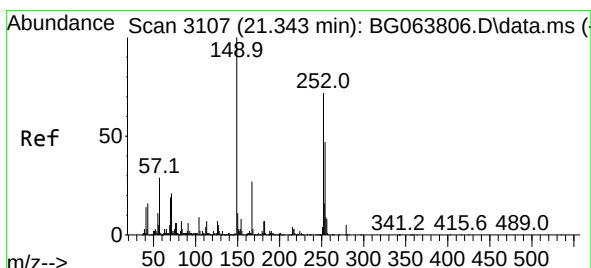
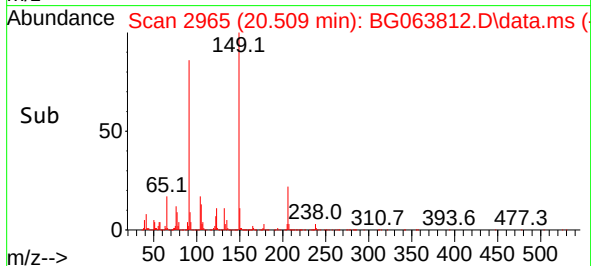
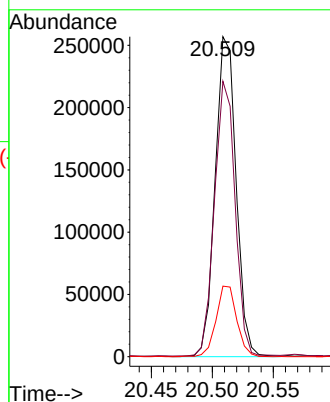
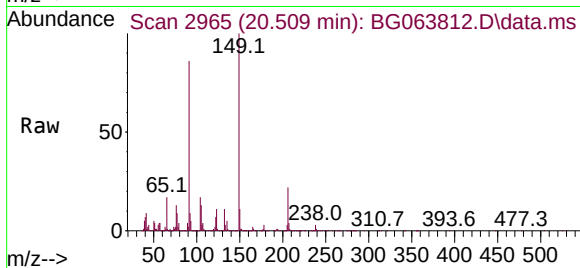
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 30778 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 86.1  | 68.7  | 103.1 |
| 206       | 22.1  | 17.3  | 25.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#84

3,3'-Dichlorobenzidine

Concen: 6.251 ng/ul

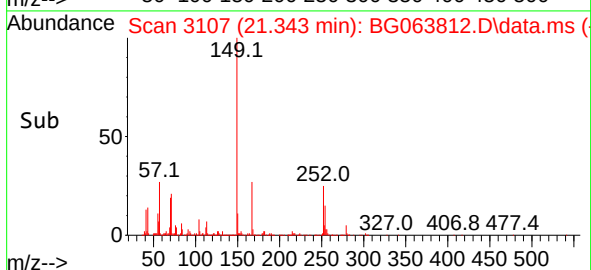
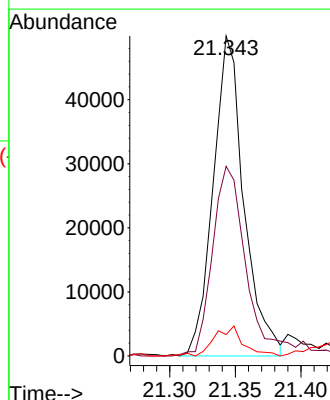
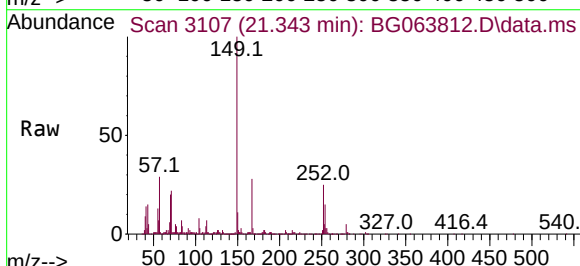
RT: 21.343 min Scan# 3107

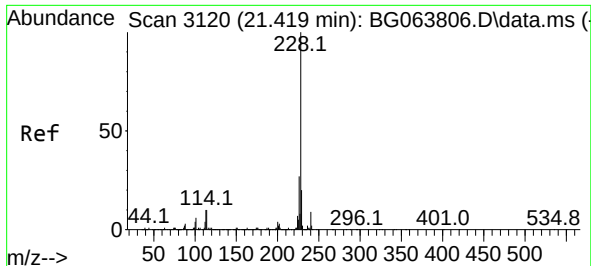
Delta R.T. 0.000 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

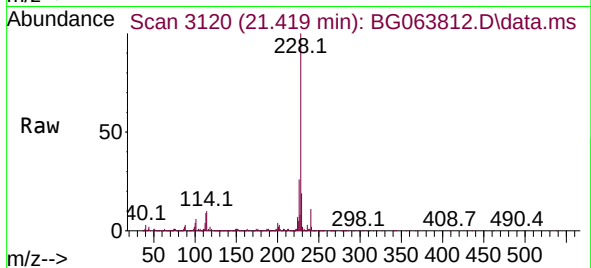
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 81242 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 59.3  | 55.8  | 83.6  |
| 126       | 6.7   | 6.4   | 9.6   |





#85  
Benzo(a)anthracene  
Concen: 19.383 ng/ul  
RT: 21.419 min Scan# 3120  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

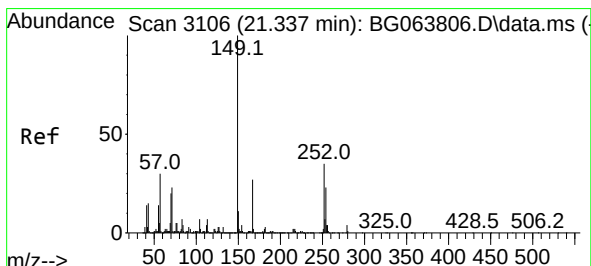
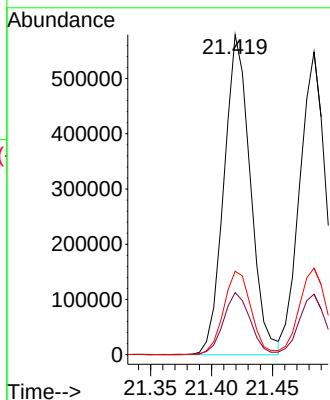
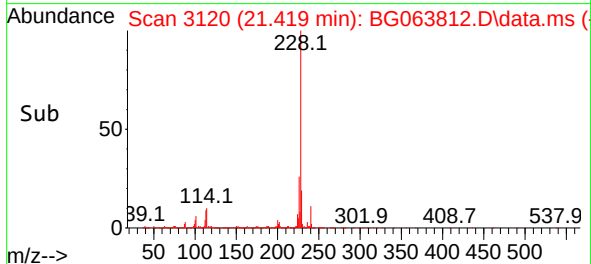
Instrument :  
BNA\_G  
ClientSampleId :  
E2923MS



Tgt Ion:228 Resp: 874630  
Ion Ratio Lower Upper  
228 100  
229 19.4 15.7 23.5  
226 26.1 22.0 33.0

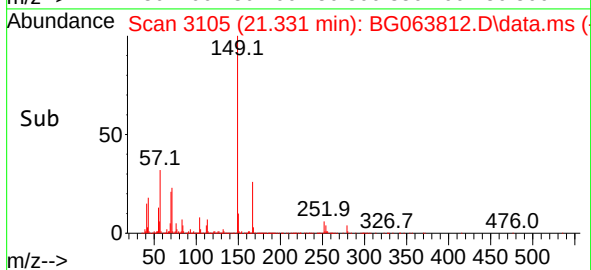
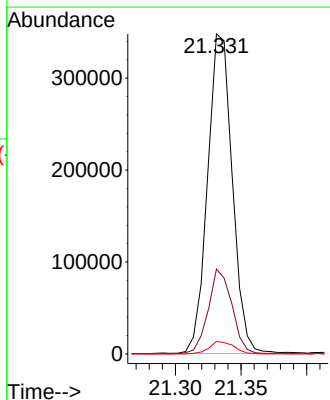
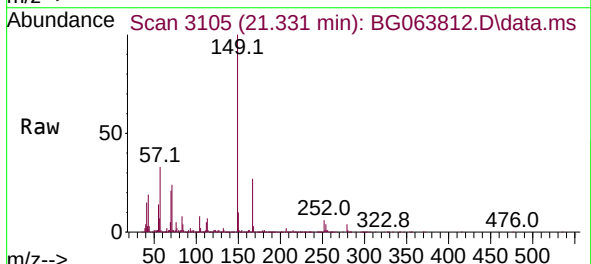
Manual Integrations  
APPROVED

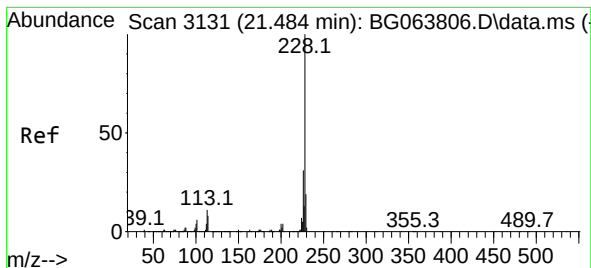
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 22.536 ng/ul  
RT: 21.331 min Scan# 3105  
Delta R.T. 0.000 min  
Lab File: BG063812.D  
Acq: 24 Dec 2024 9:51

Tgt Ion:149 Resp: 455935  
Ion Ratio Lower Upper  
149 100  
167 26.6 22.1 33.1  
279 3.9 2.9 4.3





#87

Chrysene

Concen: 19.227 ng/ul

RT: 21.484 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Instrument :

BNA\_G

ClientSampleId :

E2923MS

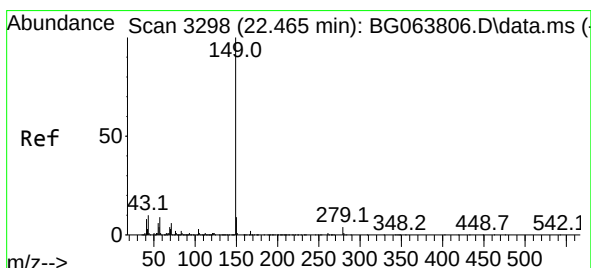
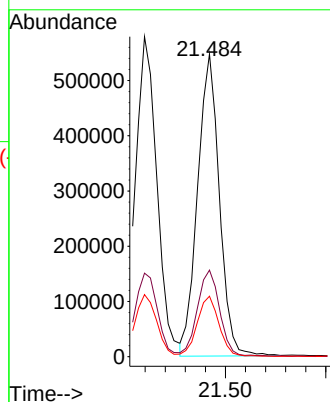
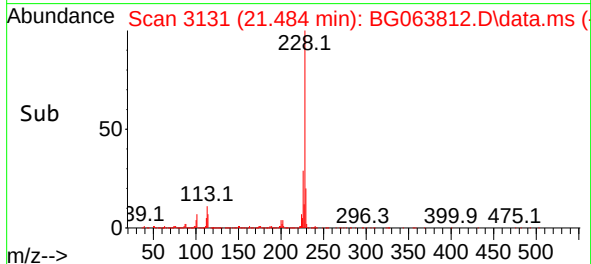
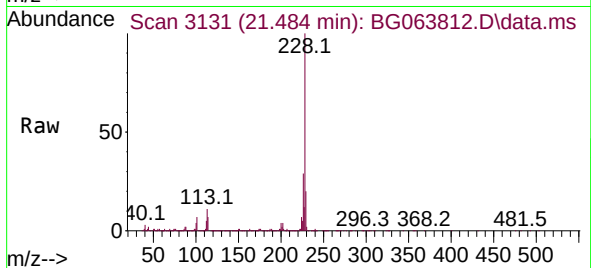
Tgt Ion:228 Resp: 826890  
 Ion Ratio Lower Upper  
 228 100  
 226 28.6 23.4 35.0  
 229 20.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#89

Di-n-octyl phthalate

Concen: 23.639 ng/ul

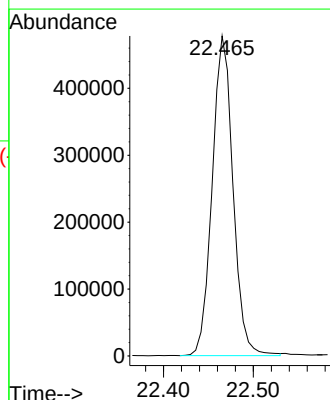
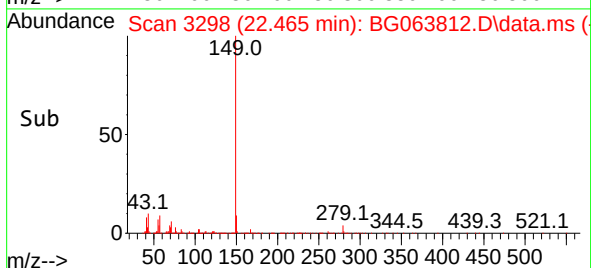
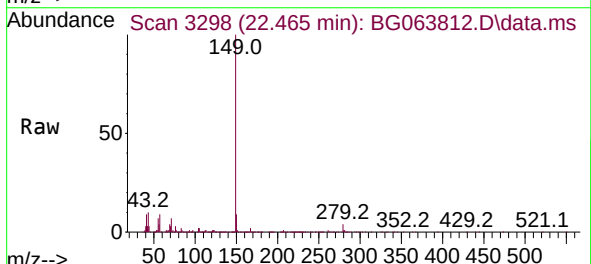
RT: 22.465 min Scan# 3298

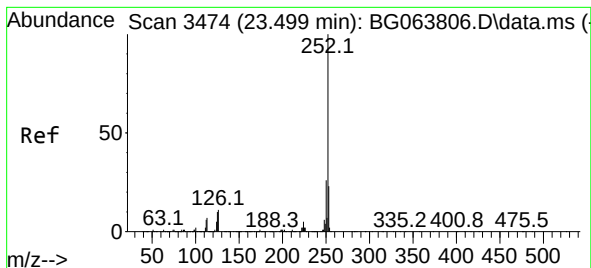
Delta R.T. 0.000 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Tgt Ion:149 Resp: 769115





#90

Benzo(b)fluoranthene

Concen: 18.948 ng/ul

RT: 23.499 min Scan# 3474

Delta R.T. 0.000 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Instrument :

BNA\_G

ClientSampleId :

E2923MS

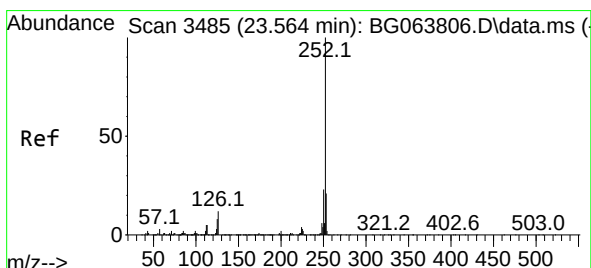
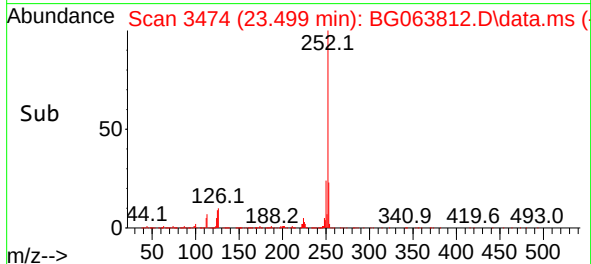
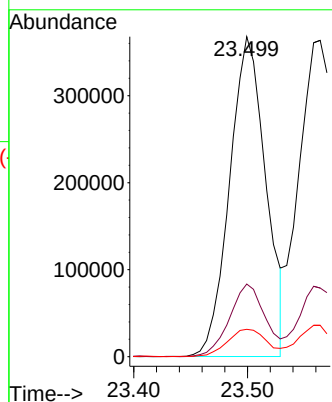
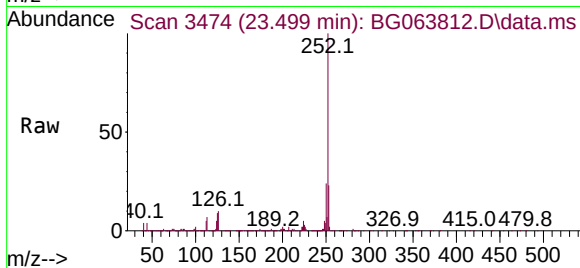
Tgt Ion:252 Resp: 811782  
 Ion Ratio Lower Upper  
 252 100  
 253 22.7 17.7 26.5  
 125 8.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#91

Benzo(k)fluoranthene

Concen: 19.956 ng/ul m

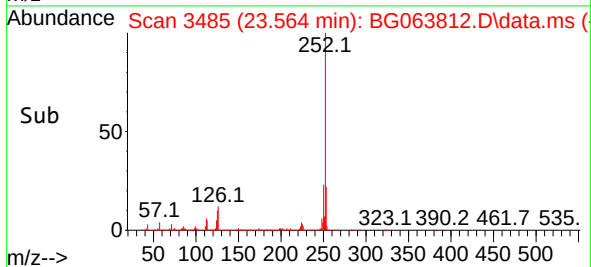
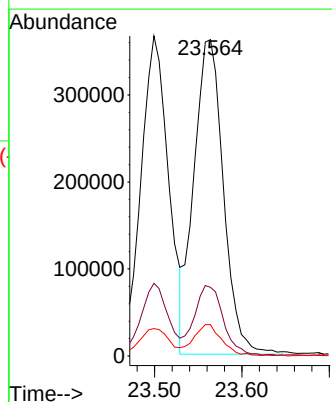
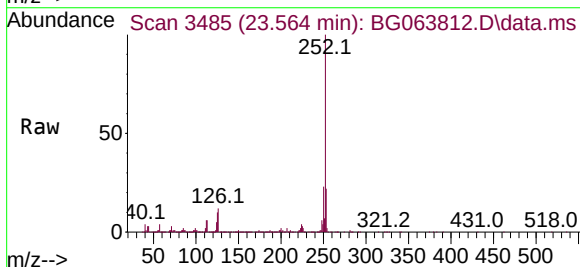
RT: 23.564 min Scan# 3485

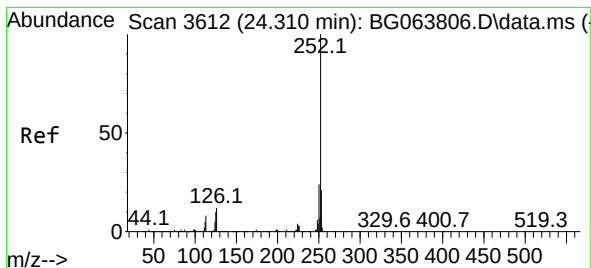
Delta R.T. 0.006 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Tgt Ion:252 Resp: 852824  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.7 26.5  
 125 9.9 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 7.745 ng/ul

RT: 24.310 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Instrument :

BNA\_G

ClientSampleId :

E2923MS

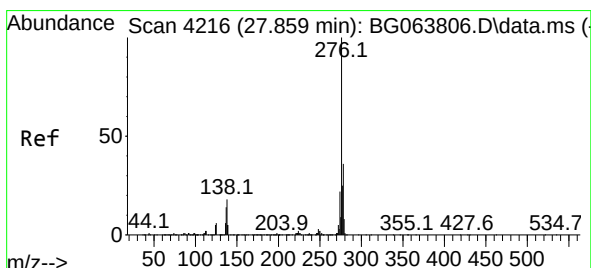
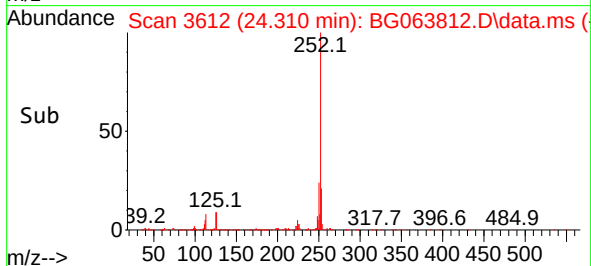
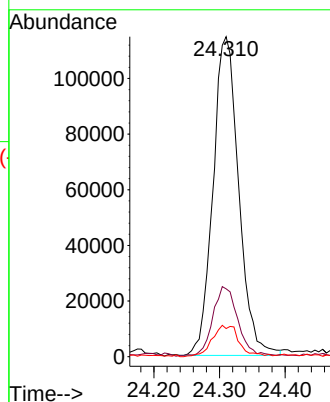
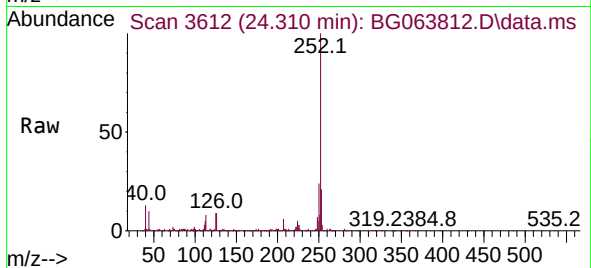
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 31146 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.2  | 16.6  | 24.8  |
| 125       | 8.8   | 8.0   | 12.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.215 ng/ul m

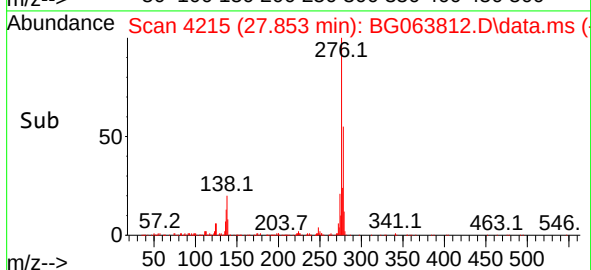
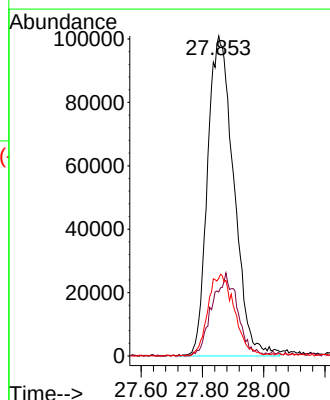
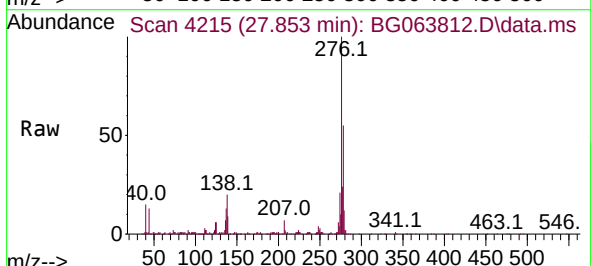
RT: 27.853 min Scan# 4215

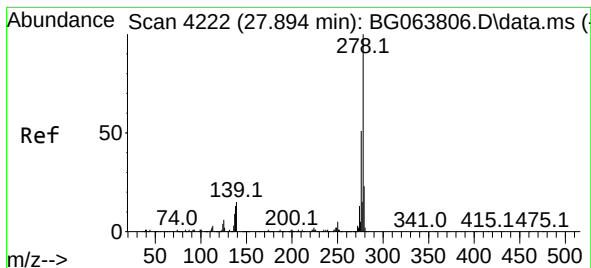
Delta R.T. 0.006 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 599859 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 20.0  | 13.7  | 20.5   |
| 277       | 24.3  | 18.4  | 27.6   |





#95

Dibenzo(a,h)anthracene

Concen: 19.197 ng/ul

RT: 27.894 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Instrument :

BNA\_G

ClientSampleId :

E2923MS

Tgt Ion:278 Resp: 754339

Ion Ratio Lower Upper

278 100

139 12.6 9.7 14.5

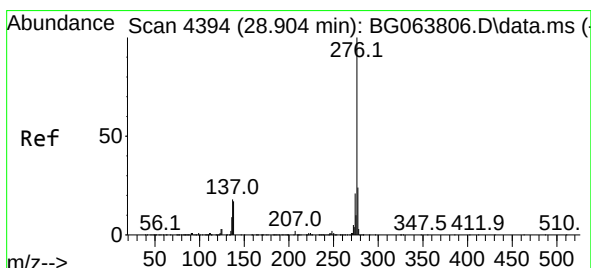
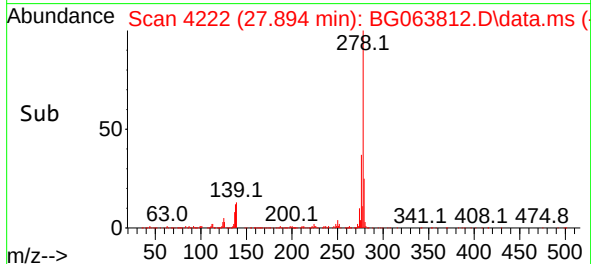
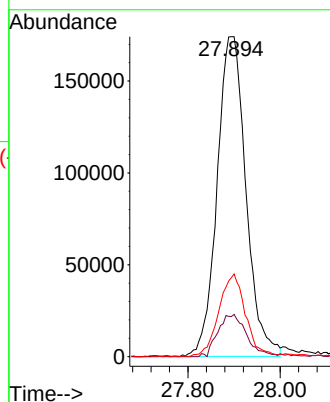
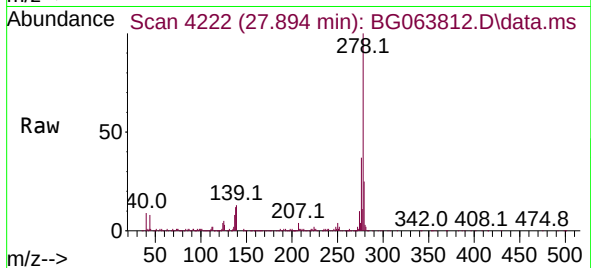
279 24.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#96

Benzo(g,h,i)perylene

Concen: 1.394 ng/ul m

RT: 28.893 min Scan# 4392

Delta R.T. -0.005 min

Lab File: BG063812.D

Acq: 24 Dec 2024 9:51

Tgt Ion:276 Resp: 54320

Ion Ratio Lower Upper

276 100

138 13.1 13.8 20.8#

277 28.8 17.8 26.8#

