

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072223\  
 Data File : BG058406.D  
 Acq On : 22 Jul 2023 18:09  
 Operator : CG/JU  
 Sample : 03536-03MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YBW57MSD

Quant Time: Jul 23 02:16:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 18 02:19:39 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2023  
 Supervised By :mohammad ahmed 07/24/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.894  | 152  | 57790    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.696 | 136  | 245316   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.533 | 164  | 156501   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.283 | 188  | 333065   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.537 | 240  | 265762   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.680 | 264  | 325106   | 20.000 | ng/u1  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.340  | 96   | 3855     | 2.455  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.746  | 84   | 55677    | 11.947 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.071  | 99   | 83391    | 15.211 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.224  | 67   | 54656    | 15.951 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.430  | 132  | 59741    | 15.568 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.610  | 113  | 25545    | 6.109  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.057  | 128  | 33710    | 18.333 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.780  | 143  | 31729    | 15.806 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.326 | 165  | 62204    | 16.164 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.849 | 131  | 5449     | 0.977  | ng/u1  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.940 | 166  | 208787   | 17.301 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.227 | 160  | 231973   | 18.342 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.750 | 143  | 13570    | 7.446  | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.526 | 176  | 186928   | 18.709 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.649 | 200  | 3798     | 2.238  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.377 | 188  | 261152   | 18.147 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.668 | 212  | 248629   | 15.839 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.457 | 264  | 164992   | 10.500 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.375  | 88   | 11503    | 6.459  | ng/uL# | 88       |
| 5) Pyridine                   | 3.781  | 79   | 8108     | 1.647  | ng/u1# | 66       |
| 6) Benzaldehyde               | 7.036  | 77   | 70846m   | 31.999 | ng/u1  |          |
| 8) Phenol                     | 7.095  | 94   | 99571    | 17.490 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.318  | 93   | 72444    | 16.610 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.465  | 128  | 65943    | 16.416 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.346  | 108  | 25270    | 5.695  | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.422  | 45   | 122188m  | 17.096 | ng/u1  |          |
| 16) Acetophenone              | 8.716  | 105  | 173447   | 24.356 | ng/u1  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.693  | 70   | 65681    | 16.852 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.675  | 108  | 44868    | 9.305  | ng/u1  | 93       |
| 19) Hexachloroethane          | 8.975  | 117  | 18710    | 11.817 | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.098  | 77   | 88595    | 18.067 | ng/u1  | 98       |
| 23) Isophorone                | 9.615  | 82   | 177459   | 16.142 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.815  | 139  | 38724    | 18.060 | ng/u1  | 90       |
| 26) 2,4-Dimethylphenol        | 9.880  | 107  | 5201     | 1.088  | ng/u1# | 82       |
| 27) Bis(2-Chloroethoxy)met... | 10.103 | 93   | 102954   | 17.682 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.355 | 162  | 65177    | 17.845 | ng/u1  | 96       |
| 30) Naphthalene               | 10.749 | 128  | 244628   | 18.656 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.867 | 127  | 6773     | 1.188  | ng/u1# | 59       |
| 33) Hexachlorobutadiene       | 11.025 | 225  | 49310    | 18.880 | ng/u1  | 96       |
| 34) Caprolactam               | 11.625 | 113  | 20001    | 13.185 | ng/u1  | 99       |
| 35) 4-Chloro-3-methylphenol   | 11.995 | 107  | 61129    | 13.151 | ng/u1  | 95       |
| 36) 2-Methylnaphthalene       | 12.359 | 142  | 162535   | 18.501 | ng/u1  | 96       |

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 QLast Update : Tue Jul 18 02:19:39 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2023  
 Supervised By :mohammad ahmed 07/24/2023

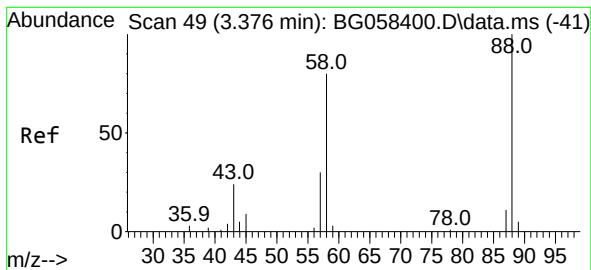
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.576 | 142  | 163778   | 18.190 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.729 | 216  | 90051    | 19.877 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.700 | 237  | 15180    | 6.230  | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.970 | 196  | 56302    | 18.358 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.046 | 196  | 64395    | 19.691 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.370 | 154  | 215407   | 20.355 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.411 | 162  | 172793   | 20.536 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.616 | 65   | 53717    | 18.380 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.987 | 163  | 223353   | 18.426 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.110 | 165  | 45034    | 19.225 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.257 | 152  | 259085   | 18.978 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.445 | 138  | 15922    | 8.156  | ng/ul# | 99       |
| 52) Acenaphthene              | 14.598 | 153  | 188008   | 19.836 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.656 | 184  | 3498     | 2.806  | ng/ul# | 83       |
| 55) 4-Nitrophenol             | 14.762 | 109  | 23332    | 16.623 | ng/ul# | 87       |
| 56) Dibenzofuran              | 14.932 | 168  | 265931   | 19.704 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.903 | 165  | 63575    | 18.817 | ng/ul# | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.162 | 232  | 52660    | 17.429 | ng/ul# | 99       |
| 59) Diethylphthalate          | 15.344 | 149  | 226559   | 18.142 | ng/ul  | 99       |
| 61) Fluorene                  | 15.585 | 166  | 215113   | 19.436 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.573 | 204  | 114432   | 19.476 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.602 | 138  | 21278m   | 12.046 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.667 | 198  | 7729     | 4.427  | ng/ul# | 87       |
| 67) N-Nitrosodiphenylamine    | 15.790 | 169  | 145740   | 17.652 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.466 | 248  | 75253    | 21.331 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.589 | 284  | 56092    | 14.091 | ng/ul  | 98       |
| 70) Atrazine                  | 16.736 | 200  | 67198    | 20.760 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.936 | 266  | 35315    | 15.805 | ng/ul  | 93       |
| 72) Phenanthrene              | 17.324 | 178  | 329007   | 20.786 | ng/ul  | 99       |
| 74) Anthracene                | 17.412 | 178  | 299691   | 18.860 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.334 | 216  | 85823    | 20.543 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.856 | 250  | 83225    | 18.217 | ng/uL  | 97       |
| 77) Carbazole                 | 17.682 | 167  | 225037   | 16.338 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.234 | 149  | 385561   | 22.029 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.339 | 202  | 377237   | 20.978 | ng/ul  | 99       |
| 82) Pyrene                    | 19.697 | 202  | 282591   | 15.510 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.579 | 149  | 168311   | 23.459 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.437 | 252  | 7089     | 1.195  | ng/ul# | 94       |
| 85) Benzo(a)anthracene        | 21.519 | 228  | 366473   | 20.516 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.413 | 149  | 264202   | 25.890 | ng/ul  | 99       |
| 87) Chrysene                  | 21.578 | 228  | 347393   | 20.503 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.588 | 149  | 416967   | 24.105 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.675 | 252  | 382146m  | 20.316 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 23.740 | 252  | 365475   | 19.481 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.527 | 252  | 147302   | 8.804  | ng/ul# | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.258 | 276  | 314275m  | 14.257 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.311 | 278  | 366371   | 20.269 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 29.368 | 276  | 15942m   | 0.888  | ng/ul  |          |

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

## Manual Integrations

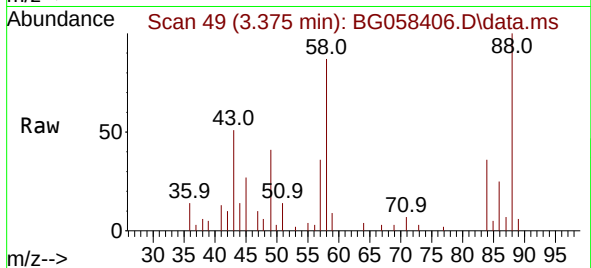
Quant Time: Jul 23 02:16:12 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 18 02:19:39 2023  
Response via : Initial Calibration





#2  
 1,4-Dioxane  
 Concen: 6.459 ng/uL  
 RT: 3.375 min Scan# 49  
 Delta R.T. 0.000 min  
 Lab File: BG058406.D  
 Acq: 22 Jul 2023 18:09

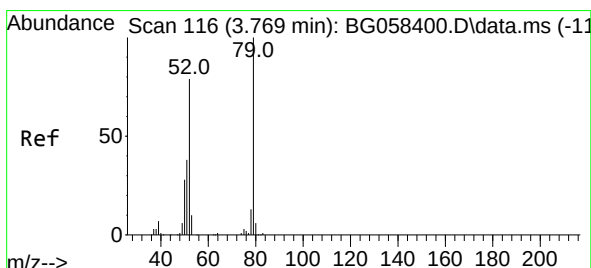
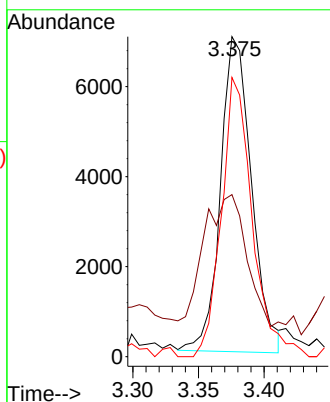
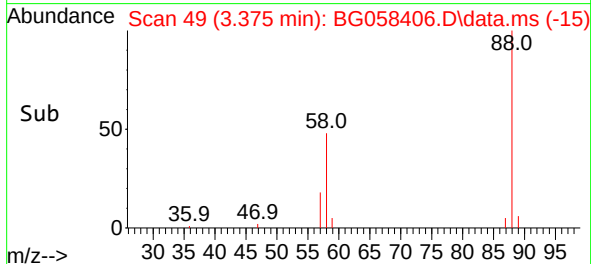
Instrument :  
 BNA\_G  
 ClientSampleId :  
 YBW57MSD



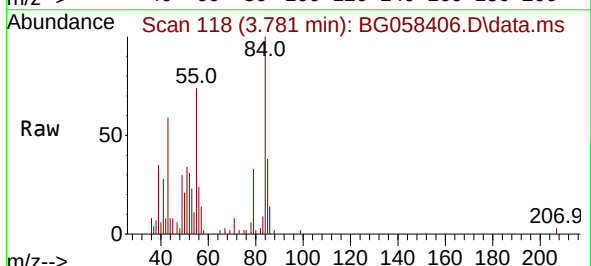
Tgt Ion: 88 Resp: 1150  
 Ion Ratio Lower Upper  
 88 100  
 43 50.7 19.6 29.4  
 58 87.3 70.2 105.4

Manual Integrations  
 APPROVED

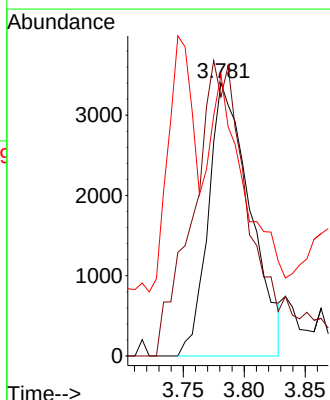
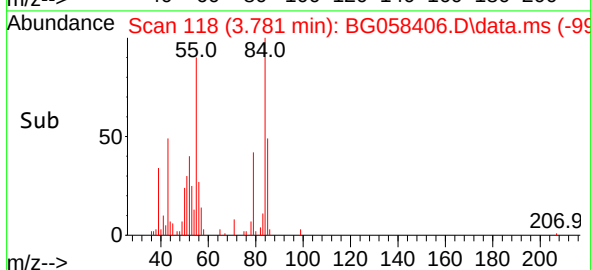
Reviewed By :Yogesh Patel 07/24/2023  
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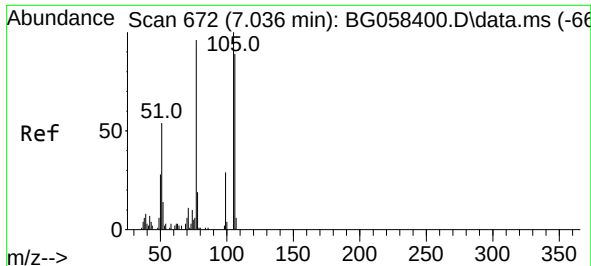


#5  
 Pyridine  
 Concen: 1.647 ng/uL  
 RT: 3.781 min Scan# 118  
 Delta R.T. 0.012 min  
 Lab File: BG058406.D  
 Acq: 22 Jul 2023 18:09



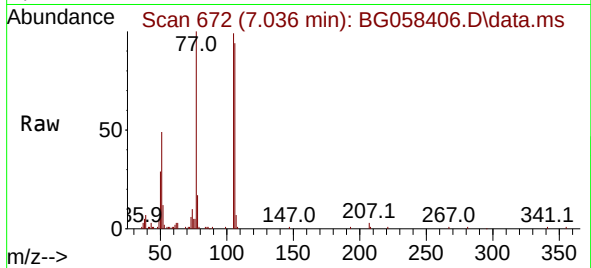
Tgt Ion: 79 Resp: 8108  
 Ion Ratio Lower Upper  
 79 100  
 52 94.9 72.3 108.5  
 51 103.1 33.4 50.0#





#6  
Benzaldehyde  
Concen: 31.999 ng/ul m  
RT: 7.036 min Scan# 672  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

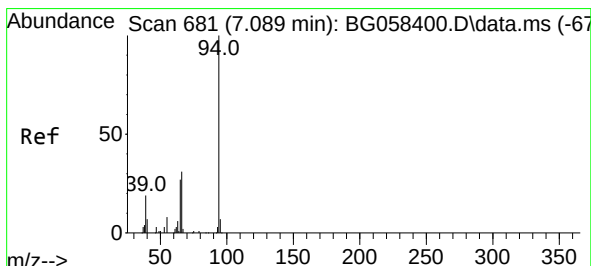
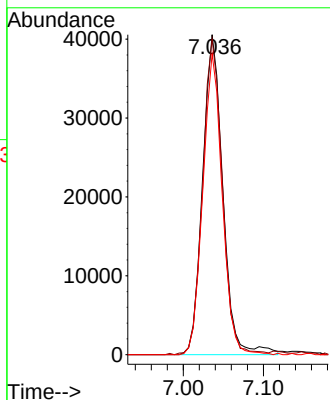
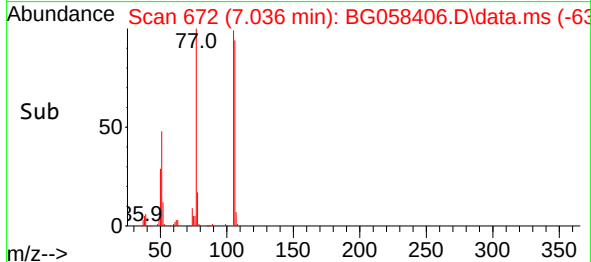
Instrument :  
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ClientSampleId :  
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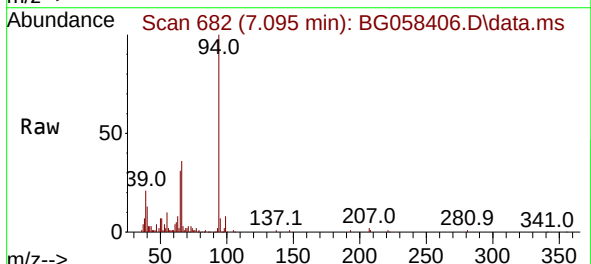
Tgt Ion: 77 Resp: 70840  
Ion Ratio Lower Upper  
77 100  
105 98.6 78.2 117.4  
106 94.0 71.6 107.4

Manual Integrations  
APPROVED

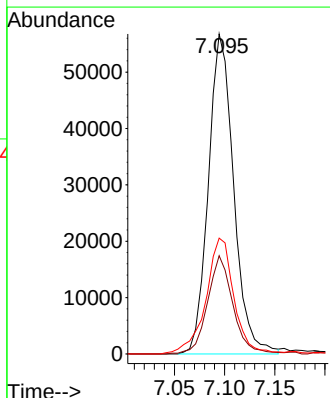
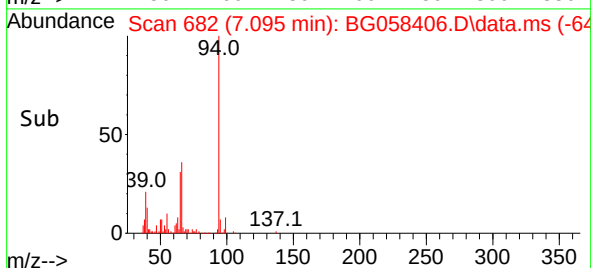
Reviewed By :Yogesh Patel 07/24/2023  
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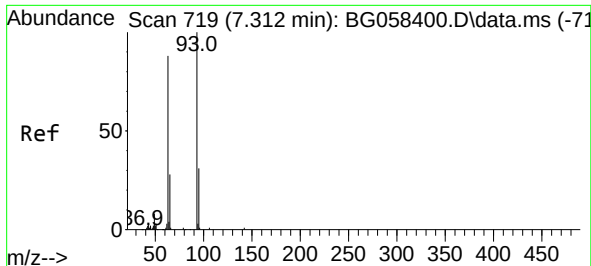


#8  
Phenol  
Concen: 17.490 ng/ul  
RT: 7.095 min Scan# 682  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



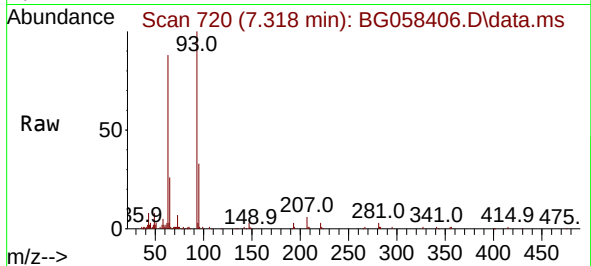
Tgt Ion: 94 Resp: 99571  
Ion Ratio Lower Upper  
94 100  
65 30.7 23.8 35.8  
66 36.2 31.2 46.8





#10  
Bis(2-Chloroethyl)ether  
Concen: 16.610 ng/ul  
RT: 7.318 min Scan# 719  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

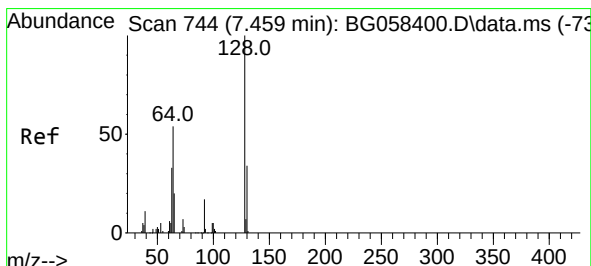
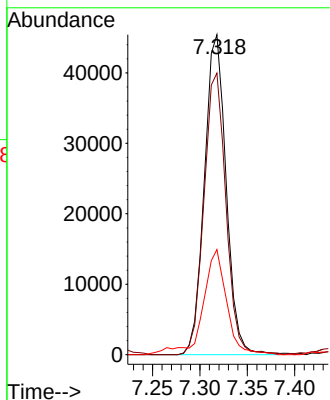
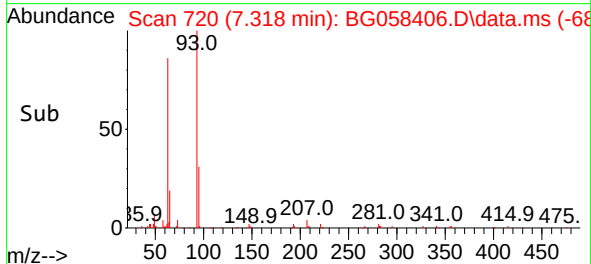
Instrument :  
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Tgt Ion: 93 Resp: 7244  
Ion Ratio Lower Upper  
93 100  
63 88.0 67.7 101.5  
95 32.9 27.0 40.6

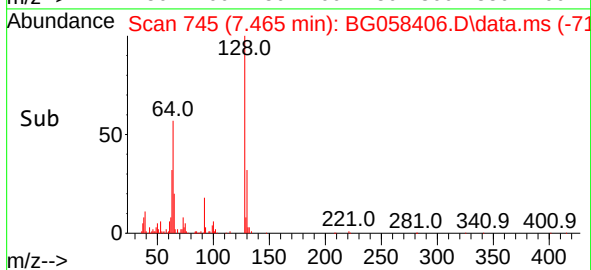
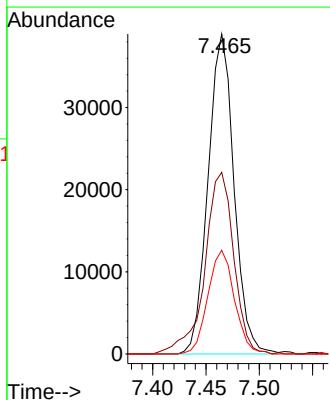
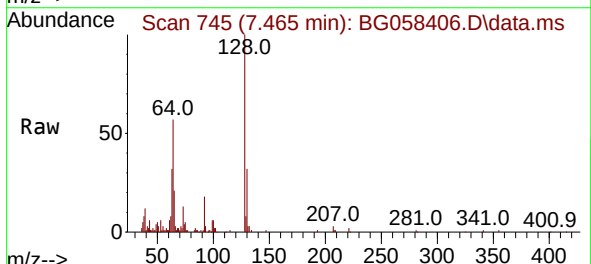
Manual Integrations  
APPROVED

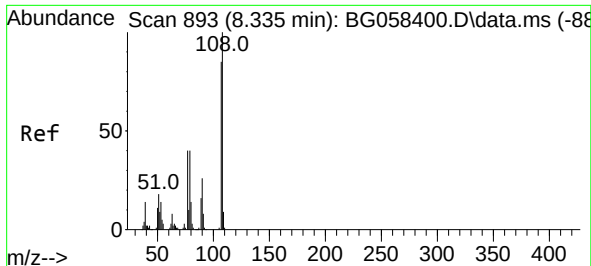
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#12  
2-Chlorophenol  
Concen: 16.416 ng/ul  
RT: 7.465 min Scan# 745  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
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Tgt Ion:128 Resp: 65943  
Ion Ratio Lower Upper  
128 100  
64 56.7 45.6 68.4  
130 32.4 25.2 37.8





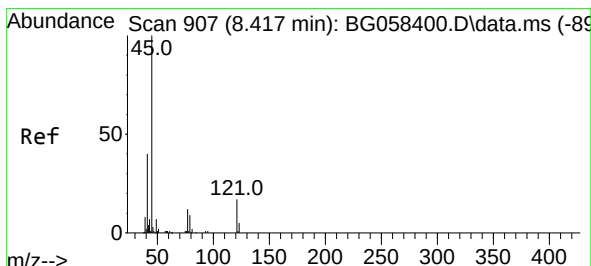
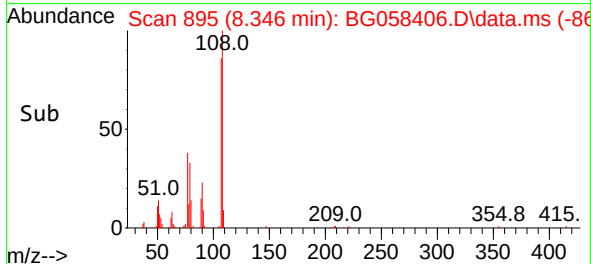
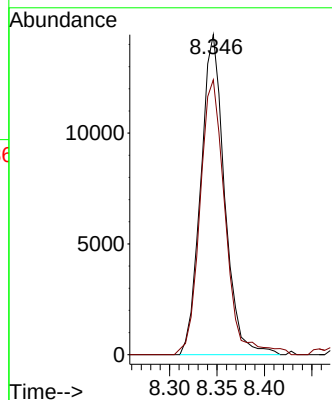
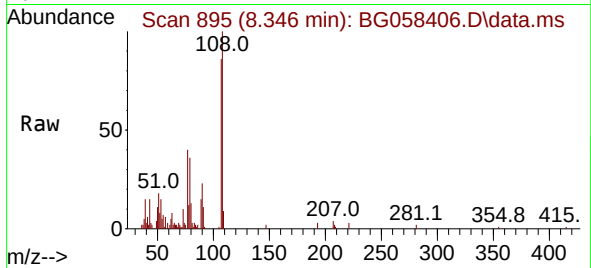
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2-Methylphenol  
Concen: 5.695 ng/ul  
RT: 8.346 min Scan# 893  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD

Tgt Ion:108 Resp: 25270  
Ion Ratio Lower Upper  
108 100  
107 85.9 71.5 107.3

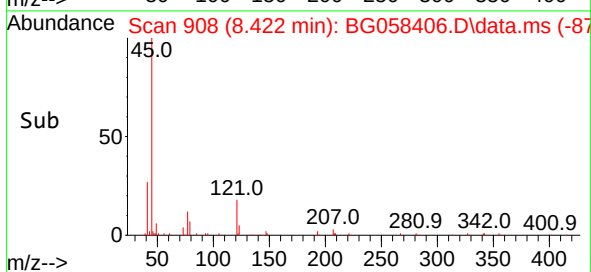
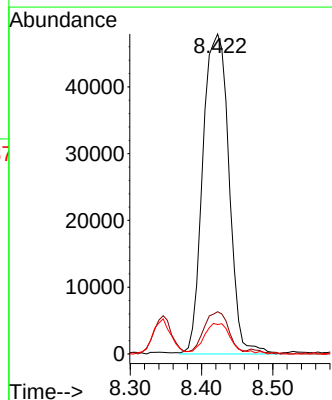
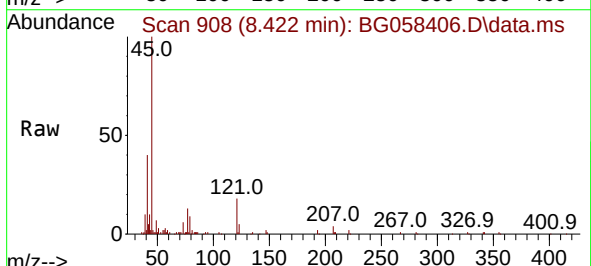
Manual Integrations  
APPROVED

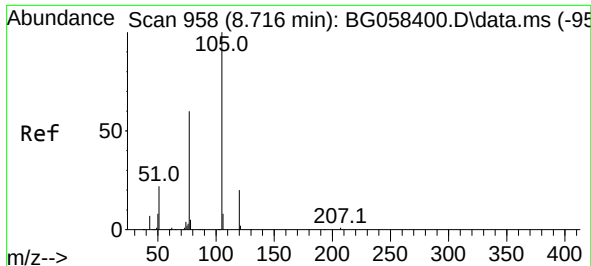
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 17.096 ng/ul m  
RT: 8.422 min Scan# 908  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

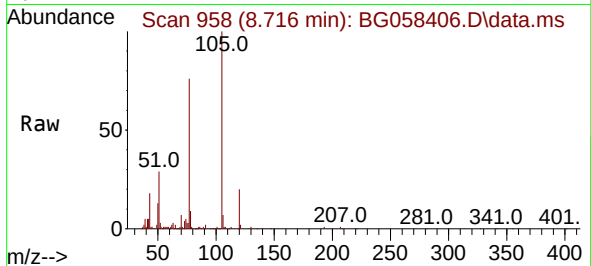
Tgt Ion: 45 Resp: 122188  
Ion Ratio Lower Upper  
45 100  
77 13.2 9.4 14.2  
79 9.2 7.4 11.2





#16  
Acetophenone  
Concen: 24.356 ng/ul  
RT: 8.716 min Scan# 958  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

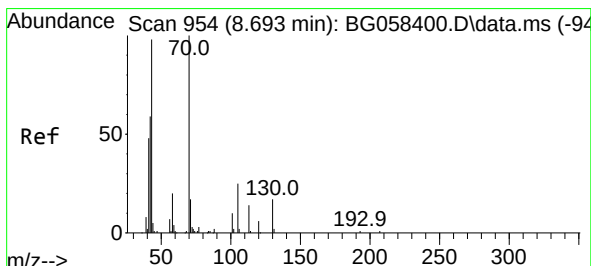
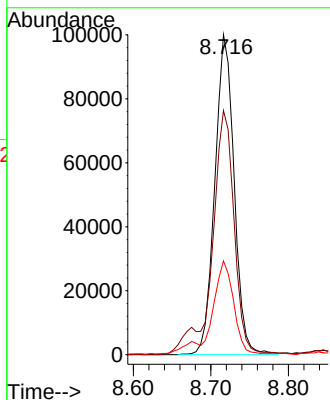
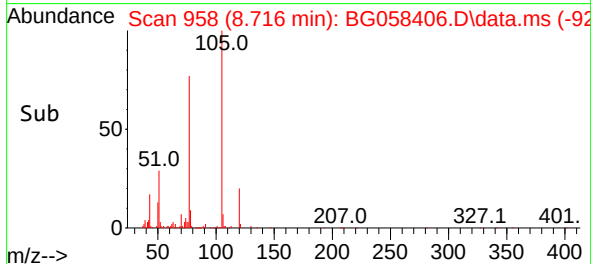
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion: 105 Resp: 17344  
Ion Ratio Lower Upper  
105 100  
77 76.3 60.7 91.1  
51 29.3 23.5 35.3

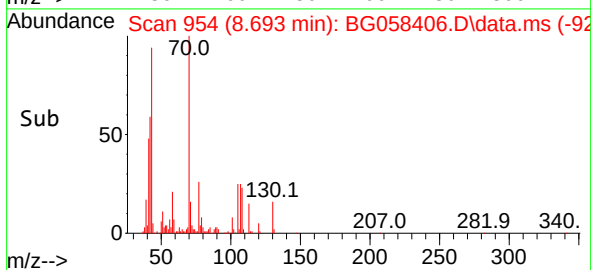
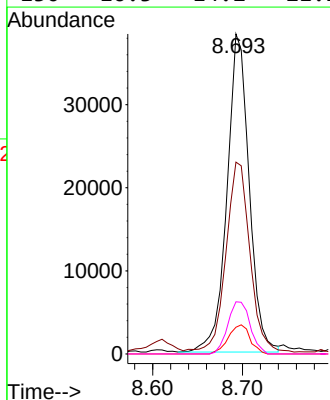
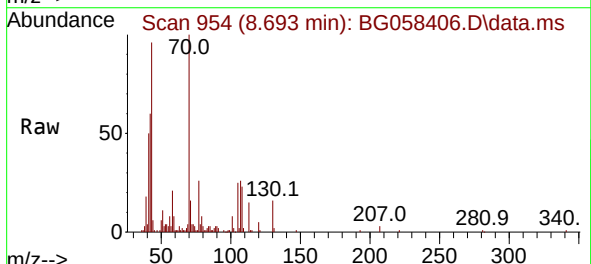
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

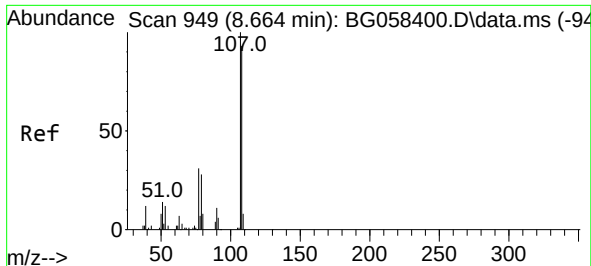


#17  
N-Nitroso-di-n-propylamine  
Concen: 16.852 ng/ul  
RT: 8.693 min Scan# 954  
Delta R.T. -0.011 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Tgt Ion: 70 Resp: 65681  
Ion Ratio Lower Upper  
70 100  
42 60.0 46.6 69.8  
101 8.4 7.3 10.9  
130 16.3 14.2 21.2

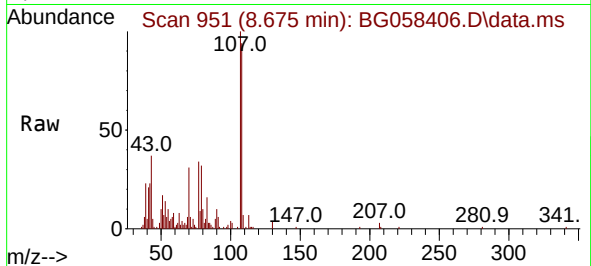






#18  
4-Methylphenol  
Concen: 9.305 ng/ul  
RT: 8.675 min Scan# 91  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

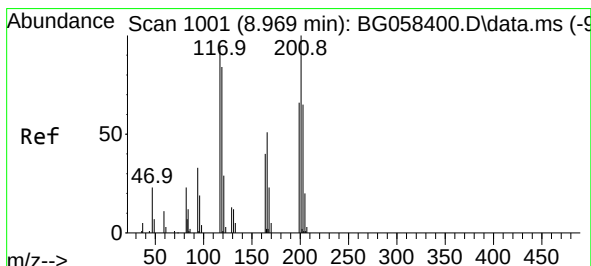
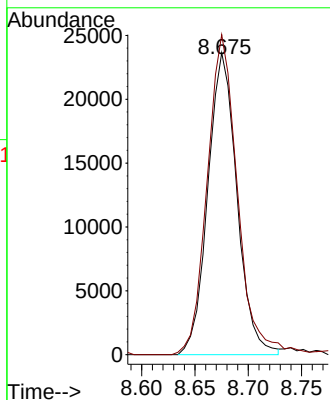
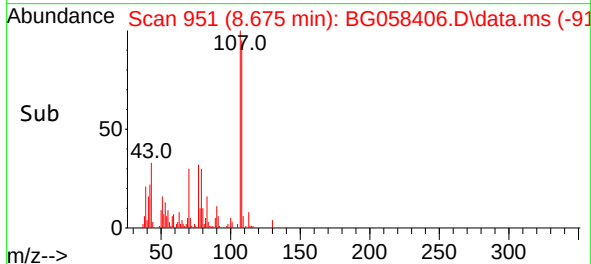
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion:108 Resp: 4486  
Ion Ratio Lower Upper  
108 100  
107 106.0 90.6 136.0

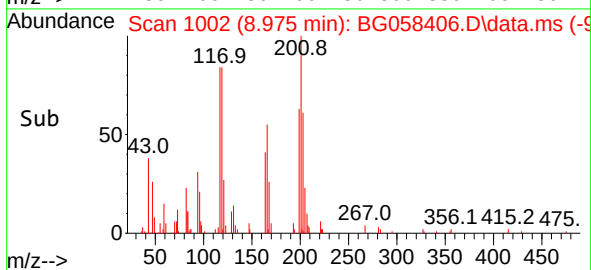
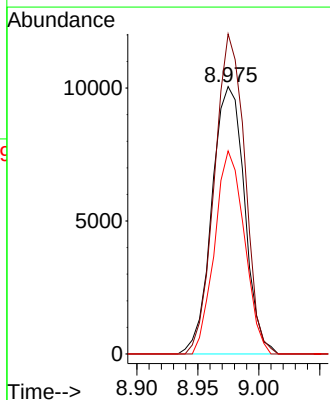
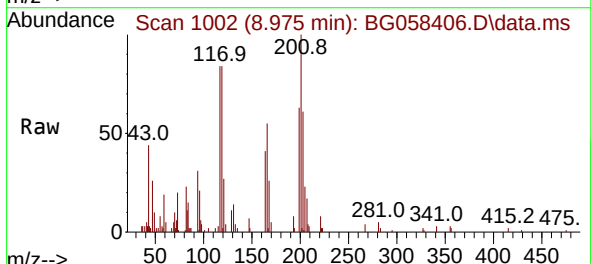
Manual Integrations  
APPROVED

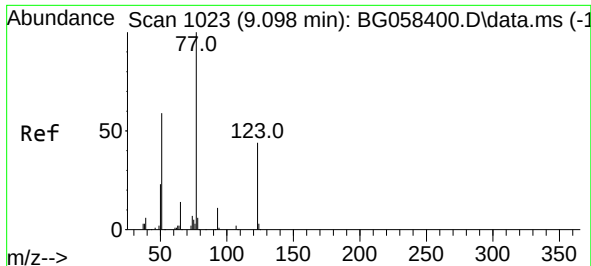
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#19  
Hexachloroethane  
Concen: 11.817 ng/ul  
RT: 8.975 min Scan# 1002  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

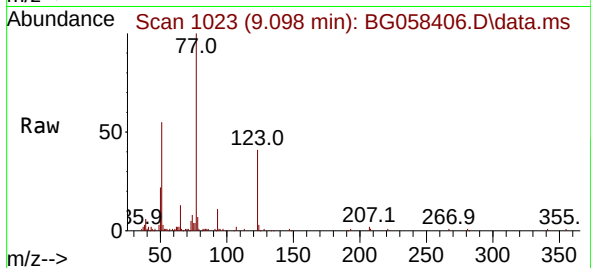
Tgt Ion:117 Resp: 18710  
Ion Ratio Lower Upper  
117 100  
201 122.3 103.6 155.4  
199 76.0 60.1 90.1





#22  
Nitrobenzene  
Concen: 18.067 ng/ul  
RT: 9.098 min Scan# 1023  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

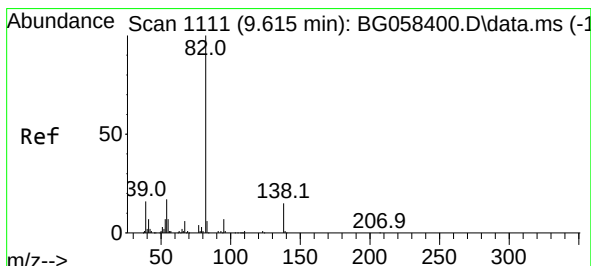
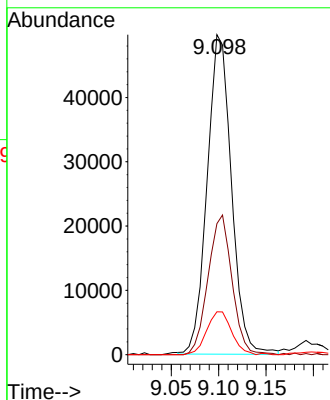
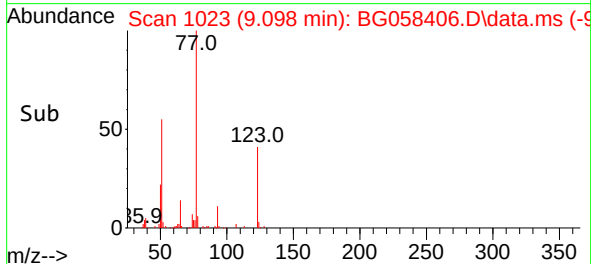
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion: 77 Resp: 8859  
Ion Ratio Lower Upper  
77 100  
123 41.0 34.0 51.0  
65 13.4 11.0 16.6

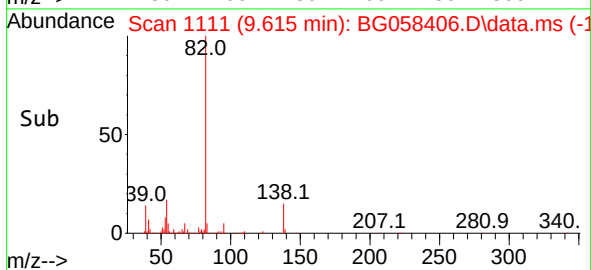
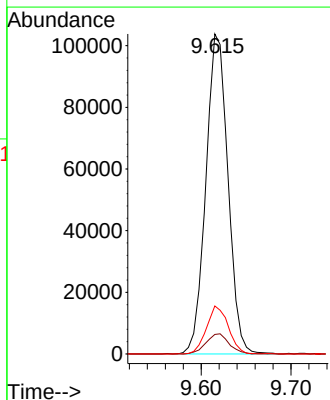
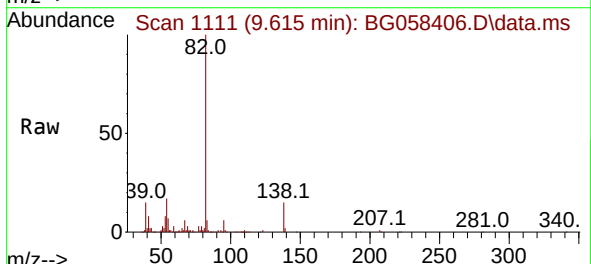
Manual Integrations  
APPROVED

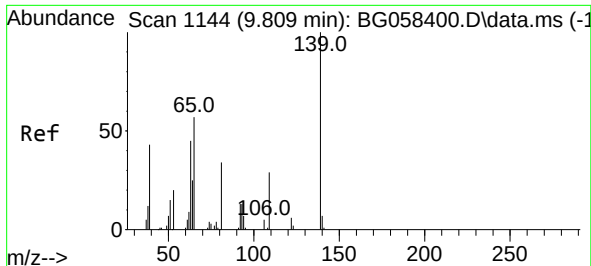
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#23  
Isophorone  
Concen: 16.142 ng/ul  
RT: 9.615 min Scan# 1111  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

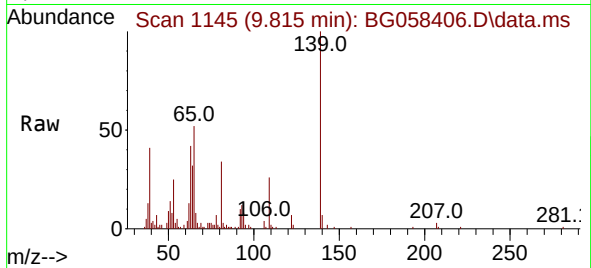
Tgt Ion: 82 Resp: 177459  
Ion Ratio Lower Upper  
82 100  
95 6.1 5.1 7.7  
138 15.0 11.9 17.9





#25  
2-Nitrophenol  
Concen: 18.060 ng/ul  
RT: 9.815 min Scan# 1145  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

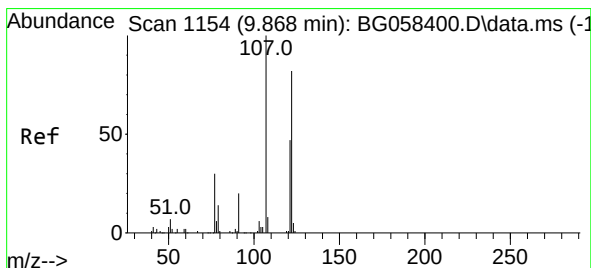
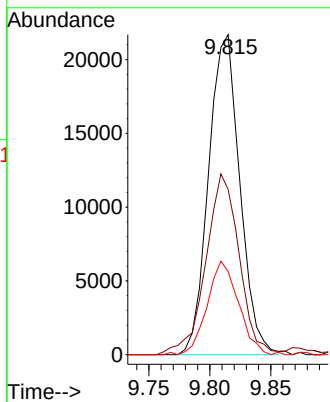
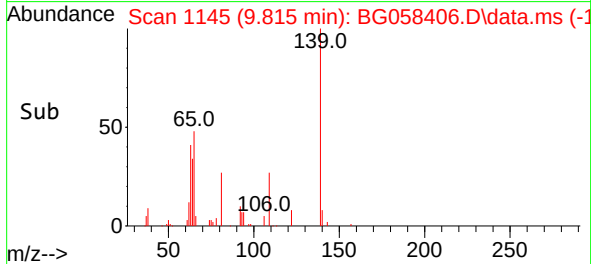
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



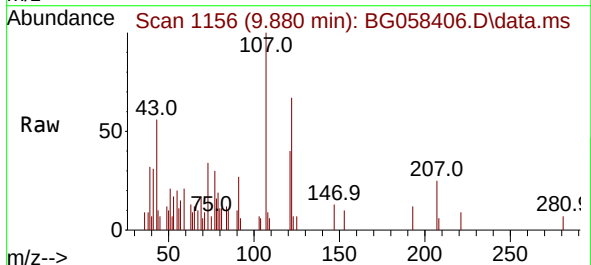
Tgt Ion:139 Resp: 38724  
Ion Ratio Lower Upper  
139 100  
65 51.6 49.2 73.8  
109 26.0 21.6 32.4

Manual Integrations  
APPROVED

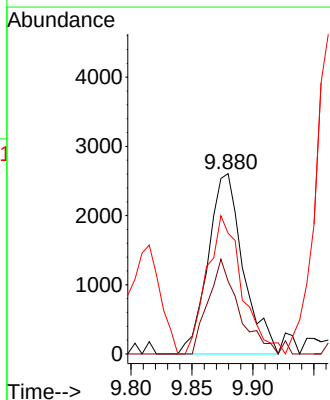
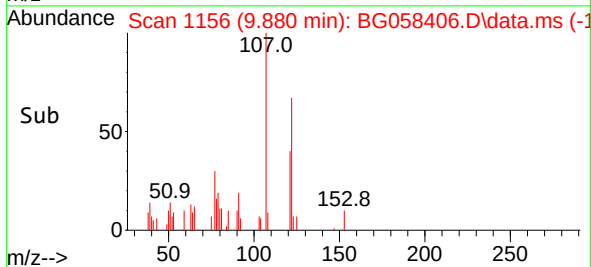
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

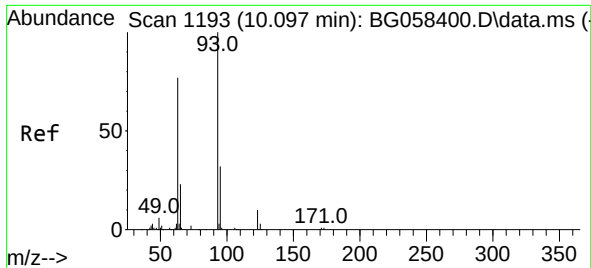


#26  
2,4-Dimethylphenol  
Concen: 1.088 ng/ul  
RT: 9.880 min Scan# 1156  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



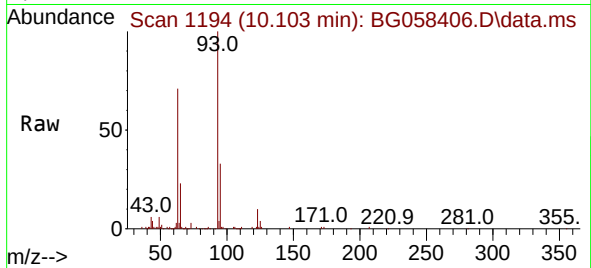
Tgt Ion:107 Resp: 5201  
Ion Ratio Lower Upper  
107 100  
121 40.3 39.1 58.7  
122 66.9 68.9 103.3#





#27  
Bis(2-Chloroethoxy)methane  
Concen: 17.682 ng/ul  
RT: 10.103 min Scan# 1193  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

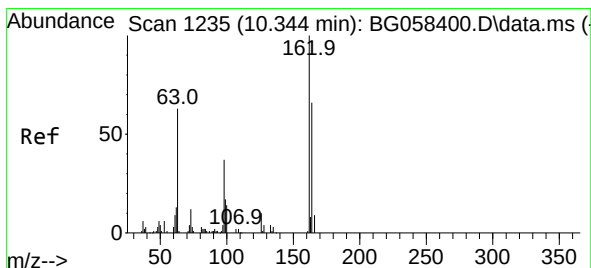
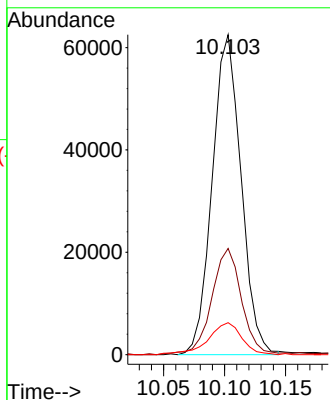
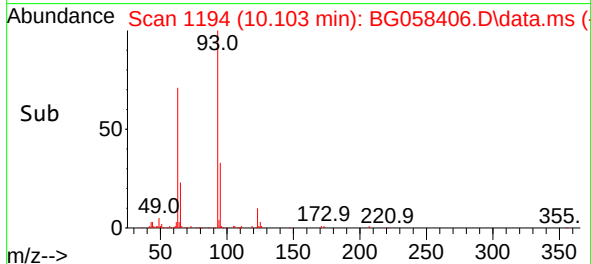
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion: 93 Resp: 102954  
Ion Ratio Lower Upper  
93 100  
95 33.2 25.8 38.8  
123 10.0 9.3 13.9

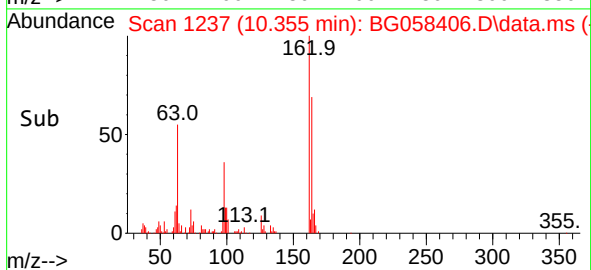
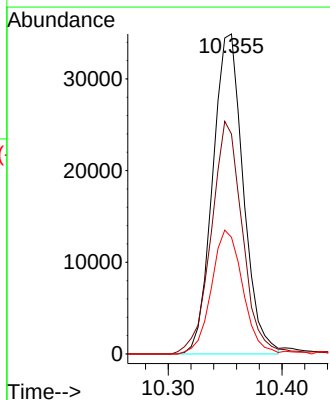
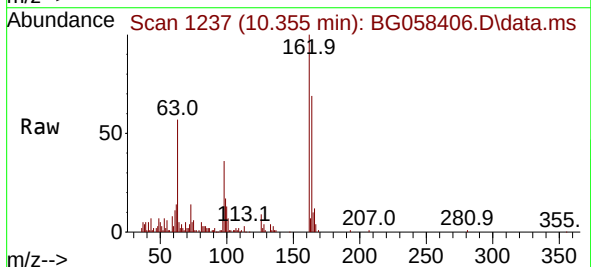
Manual Integrations  
APPROVED

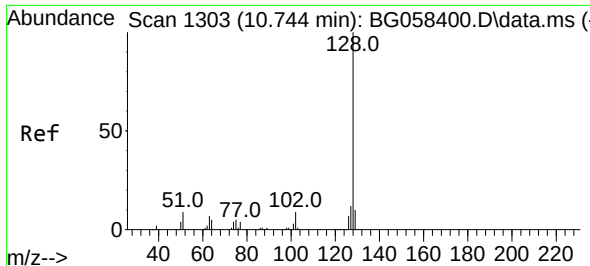
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#29  
2,4-Dichlorophenol  
Concen: 17.845 ng/ul  
RT: 10.355 min Scan# 1237  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

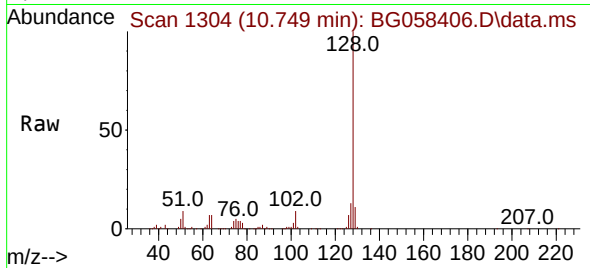
Tgt Ion:162 Resp: 65177  
Ion Ratio Lower Upper  
162 100  
164 68.7 58.4 87.6  
98 36.4 29.6 44.4





#30  
Naphthalene  
Concen: 18.656 ng/ul  
RT: 10.749 min Scan# 1303  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

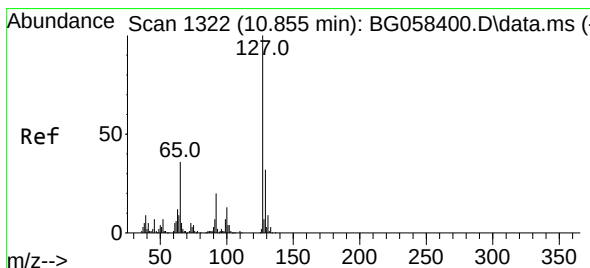
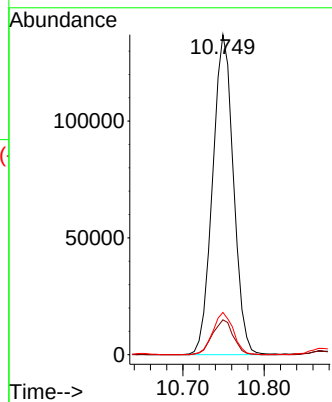
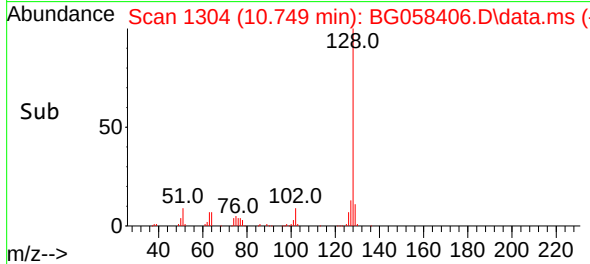
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion:128 Resp: 244628  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.2 10.8 16.2

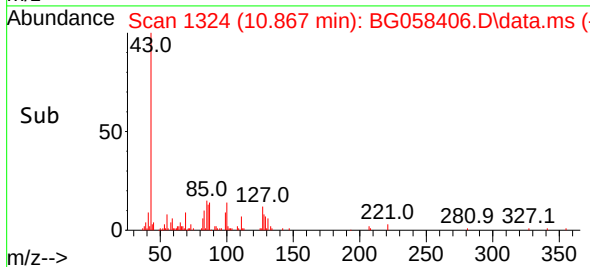
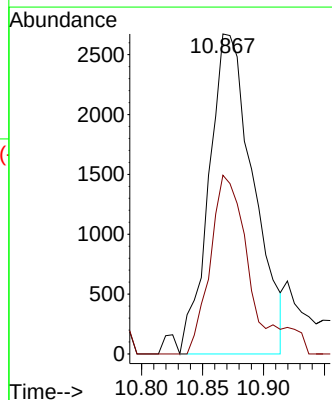
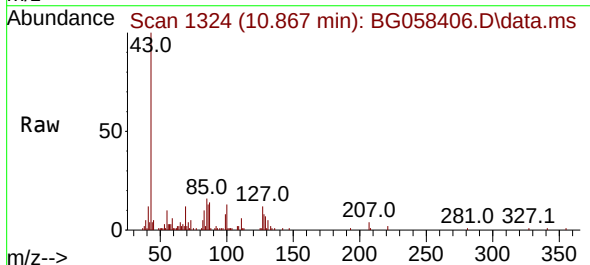
Manual Integrations  
APPROVED

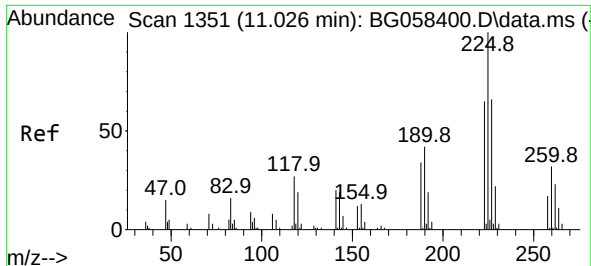
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#32  
4-Chloroaniline  
Concen: 1.188 ng/ul  
RT: 10.867 min Scan# 1324  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

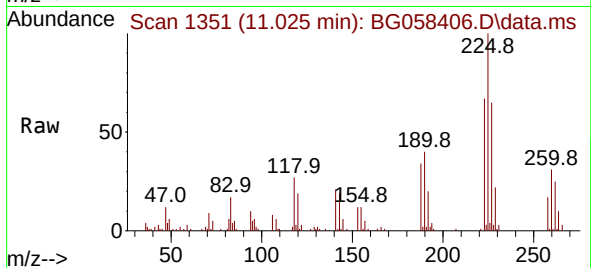
Tgt Ion:127 Resp: 6773  
Ion Ratio Lower Upper  
127 100  
129 55.9 26.1 39.1#





#33  
Hexachlorobutadiene  
Concen: 18.880 ng/ul  
RT: 11.025 min Scan# 11025  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

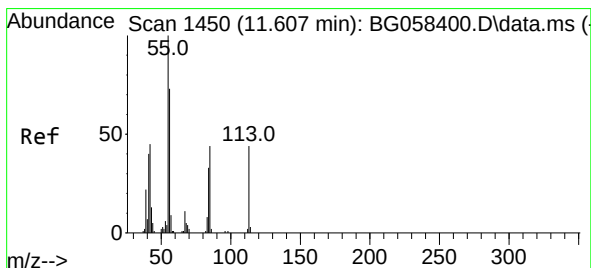
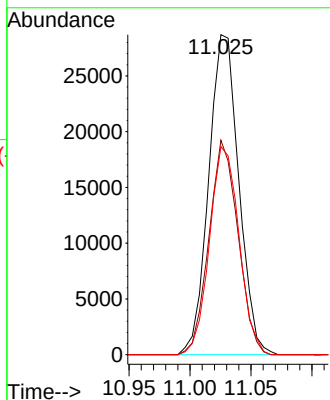
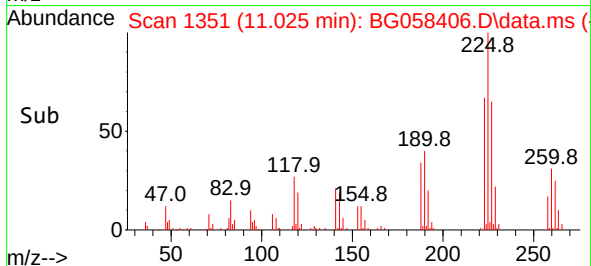
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



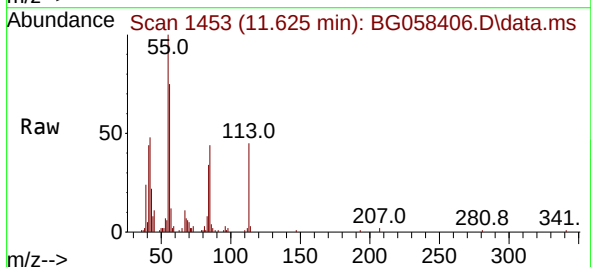
Tgt Ion:225 Resp: 49310  
Ion Ratio Lower Upper  
225 100  
223 67.0 49.7 74.5  
227 65.0 53.2 79.8

Manual Integrations  
APPROVED

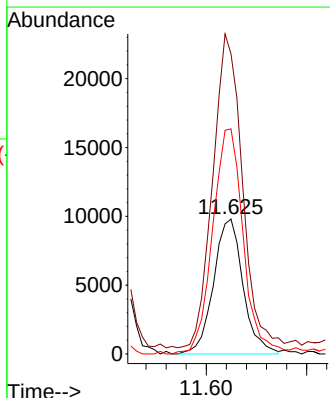
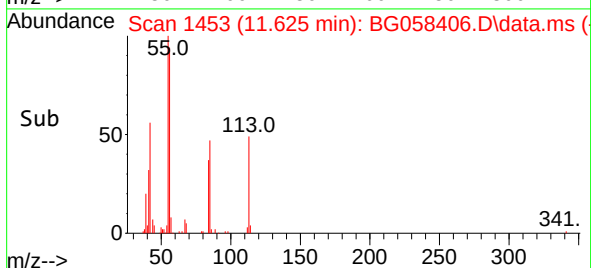
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

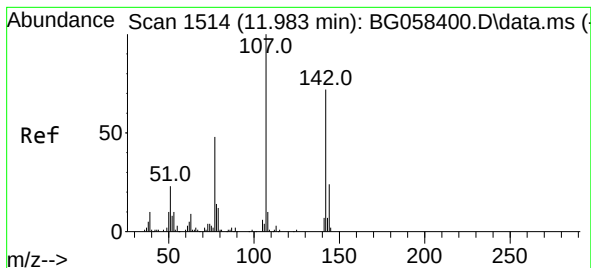


#34  
Caprolactam  
Concen: 13.185 ng/ul  
RT: 11.625 min Scan# 1453  
Delta R.T. -0.011 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



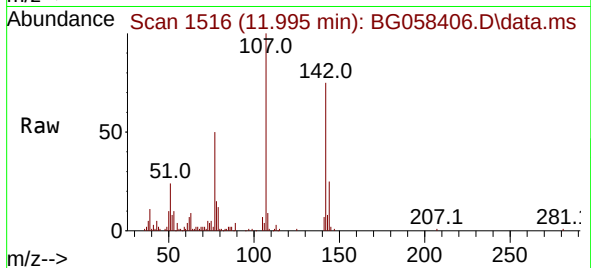
Tgt Ion:113 Resp: 20001  
Ion Ratio Lower Upper  
113 100  
55 222.4 179.8 269.6  
56 166.8 132.2 198.4





#35  
4-Chloro-3-methylphenol  
Concen: 13.151 ng/ul  
RT: 11.995 min Scan# 1516  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

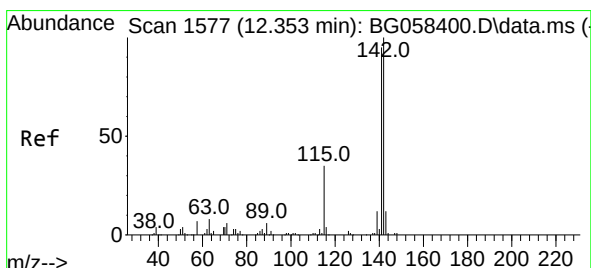
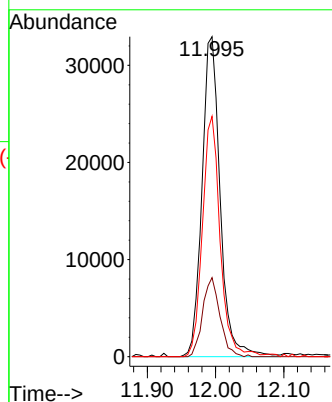
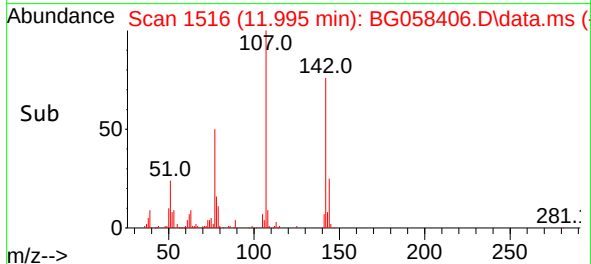
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion:107 Resp: 61129  
Ion Ratio Lower Upper  
107 100  
144 24.7 19.0 28.6  
142 75.1 55.8 83.6

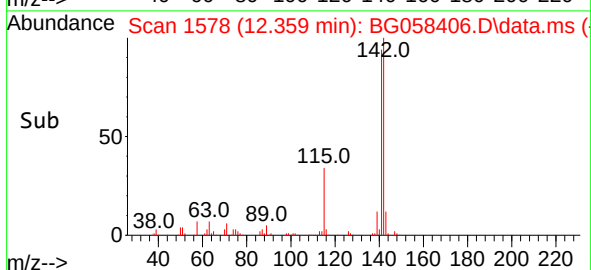
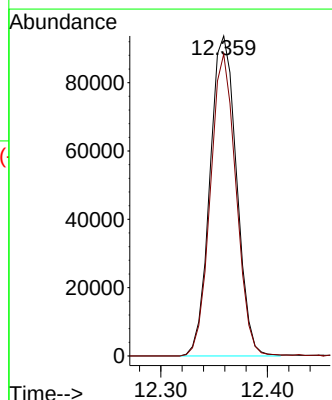
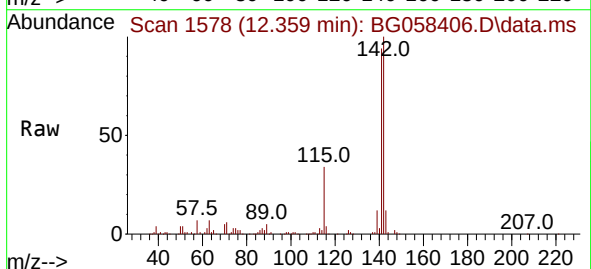
Manual Integrations  
APPROVED

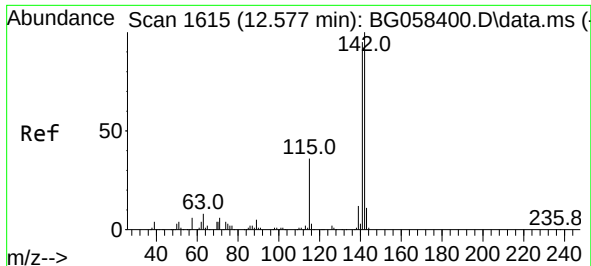
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#36  
2-Methylnaphthalene  
Concen: 18.501 ng/ul  
RT: 12.359 min Scan# 1578  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Tgt Ion:142 Resp: 162535  
Ion Ratio Lower Upper  
142 100  
141 94.3 72.6 108.8





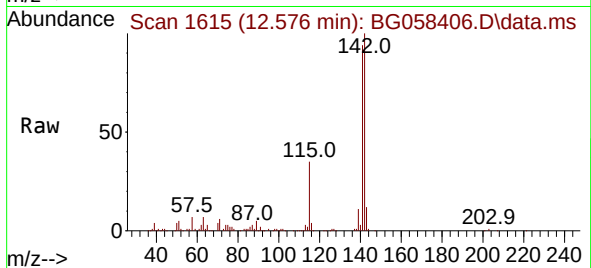
#37  
1-Methylnaphthalene  
Concen: 18.190 ng/ul  
RT: 12.576 min Scan# 1615  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Instrument :

BNA\_G

ClientSampleId :

YBW57MSD



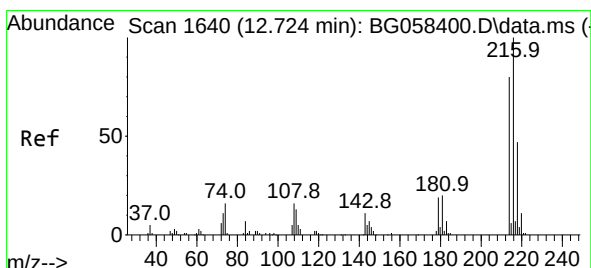
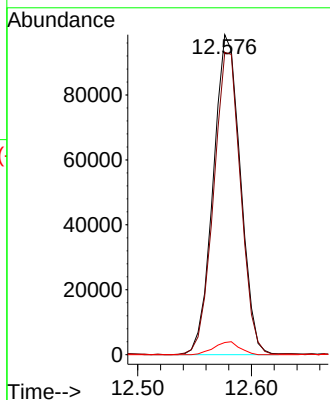
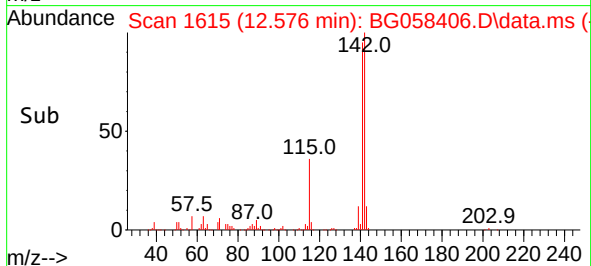
Tgt Ion:142 Resp: 163778  
Ion Ratio Lower Upper  
142 100  
141 94.4 75.8 113.6  
116 3.8 3.2 4.8

Manual Integrations

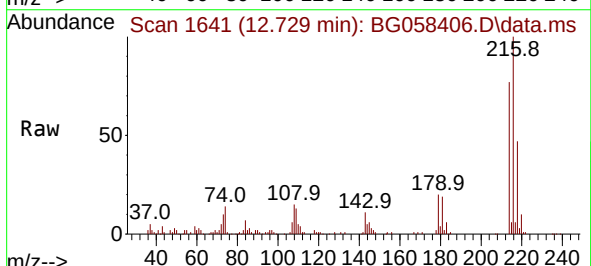
APPROVED

Reviewed By :Yogesh Patel 07/24/2023

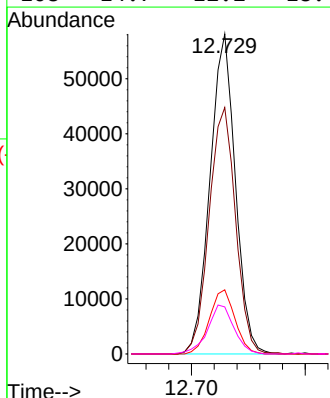
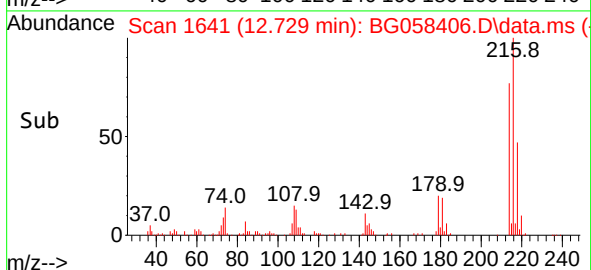
Supervised By :mohammad ahmed 07/24/2023



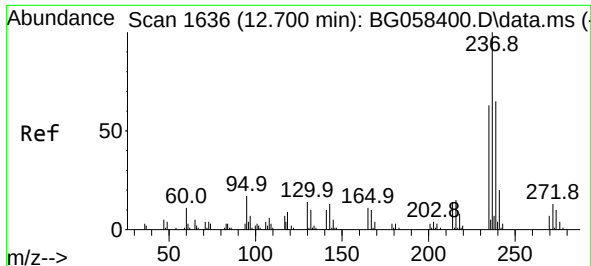
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 19.877 ng/ul  
RT: 12.729 min Scan# 1641  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



Tgt Ion:216 Resp: 90051  
Ion Ratio Lower Upper  
216 100  
214 77.0 62.2 93.4  
179 20.1 16.2 24.2  
108 14.7 12.2 18.4

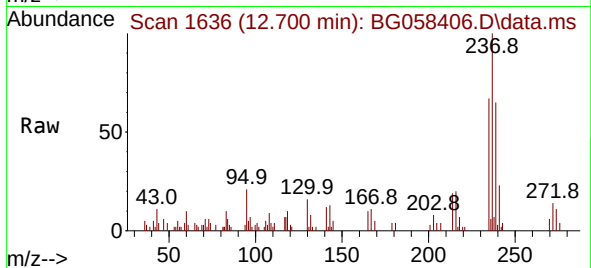






#40  
Hexachlorocyclopentadiene  
Concen: 6.230 ng/ul  
RT: 12.700 min Scan# 1636  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

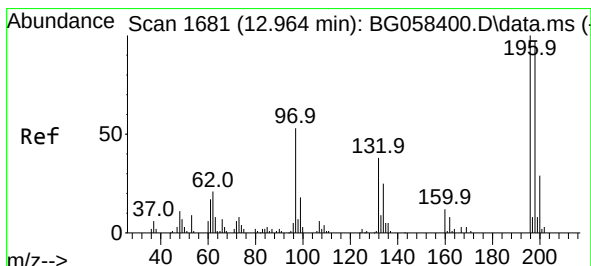
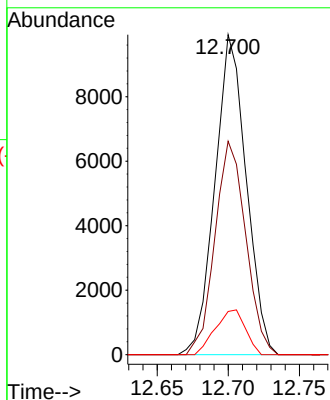
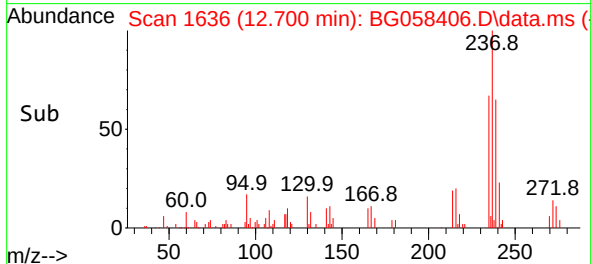
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



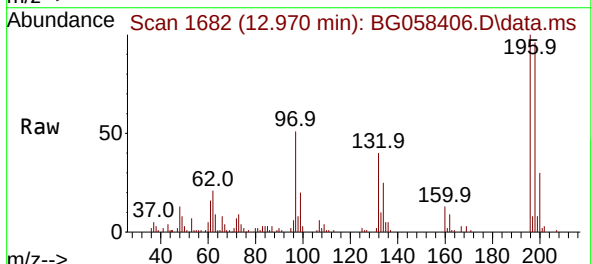
Tgt Ion:237 Resp: 15180  
Ion Ratio Lower Upper  
237 100  
235 66.7 50.9 76.3  
272 13.5 10.8 16.2

Manual Integrations  
APPROVED

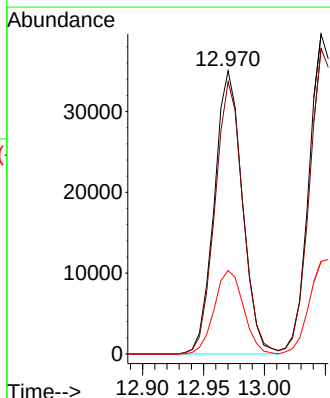
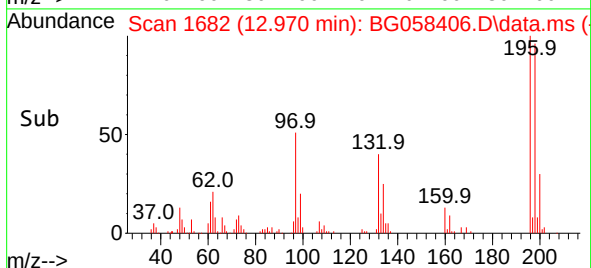
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

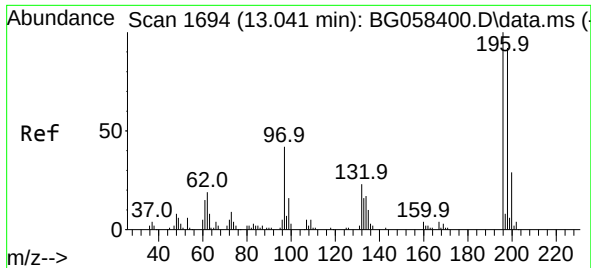


#41  
2,4,6-Trichlorophenol  
Concen: 18.358 ng/ul  
RT: 12.970 min Scan# 1682  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



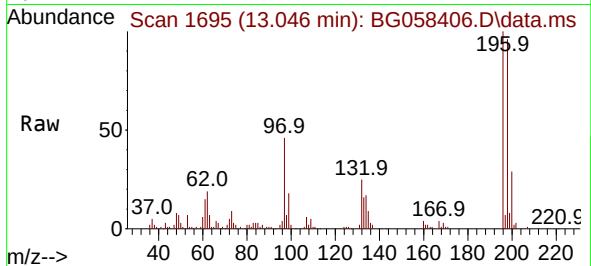
Tgt Ion:196 Resp: 56302  
Ion Ratio Lower Upper  
196 100  
198 96.2 77.7 116.5  
200 29.5 25.0 37.6





#42  
2,4,5-Trichlorophenol  
Concen: 19.691 ng/ul  
RT: 13.046 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

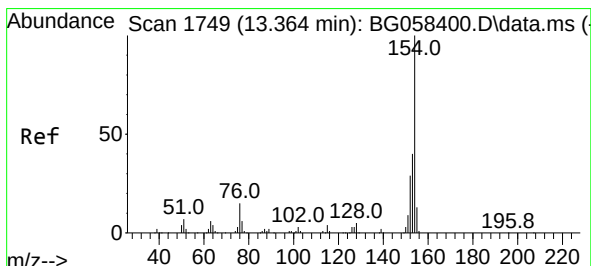
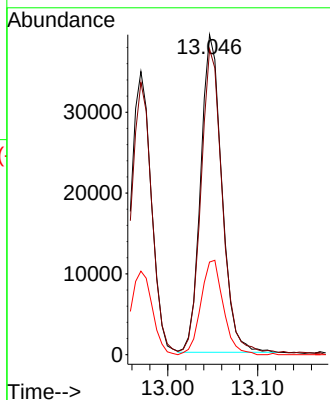
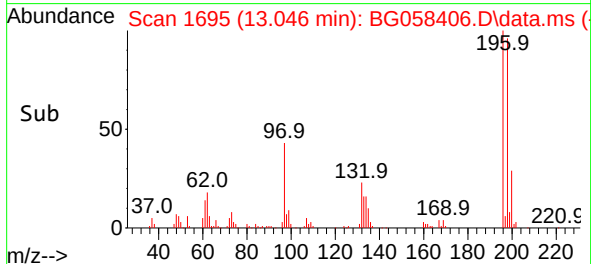
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



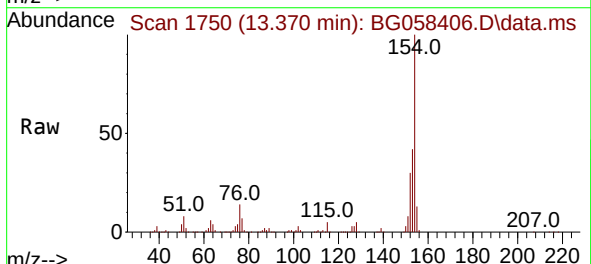
Tgt Ion:196 Resp: 6439  
Ion Ratio Lower Upper  
196 100  
198 95.5 74.8 112.2  
200 29.0 24.4 36.6

Manual Integrations  
APPROVED

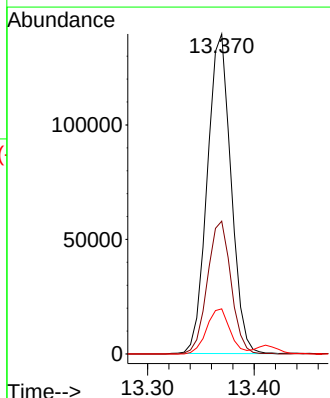
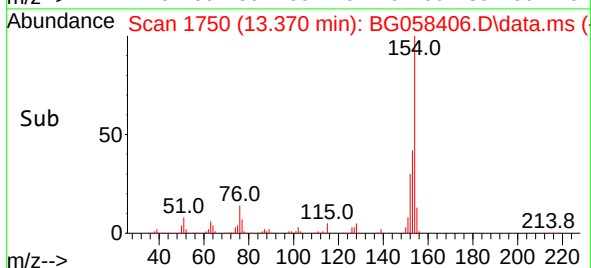
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

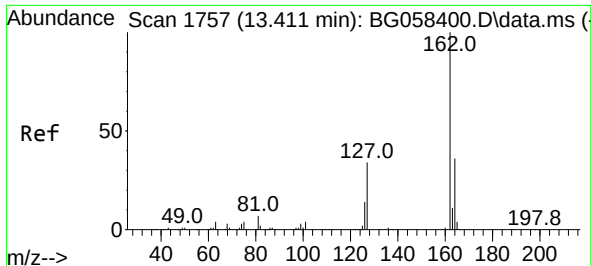


#43  
1,1'-Biphenyl  
Concen: 20.355 ng/ul  
RT: 13.370 min Scan# 1750  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



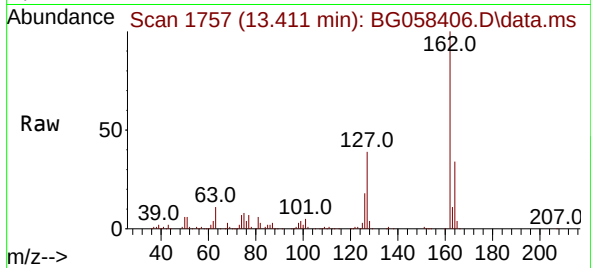
Tgt Ion:154 Resp: 215407  
Ion Ratio Lower Upper  
154 100  
153 41.5 31.8 47.6  
76 14.1 11.7 17.5





#44  
2-Chloronaphthalene  
Concen: 20.536 ng/ul  
RT: 13.411 min Scan# 1757  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

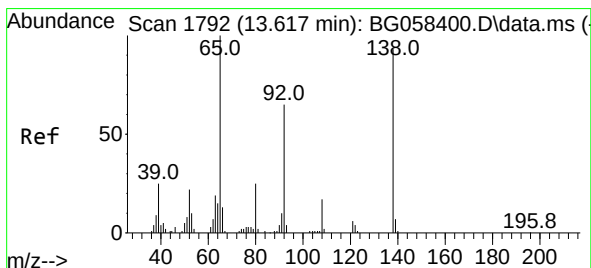
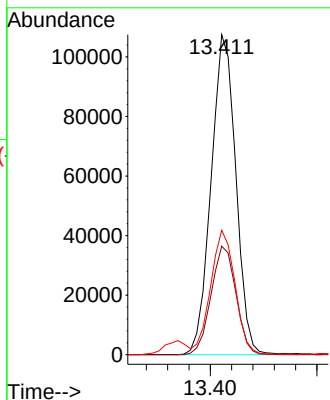
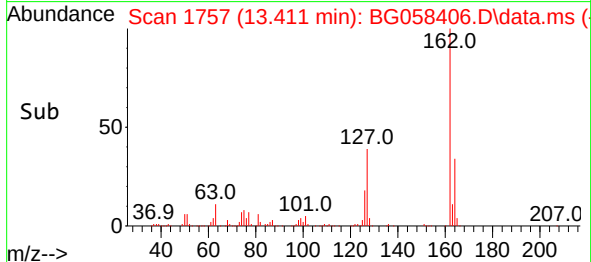
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion:162 Resp: 17279  
Ion Ratio Lower Upper  
162 100  
164 33.9 26.2 39.2  
127 38.9 29.8 44.6

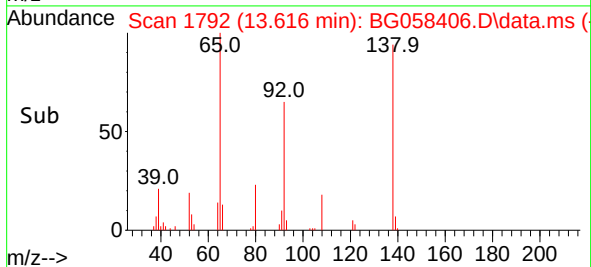
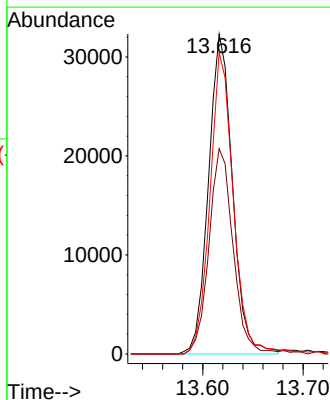
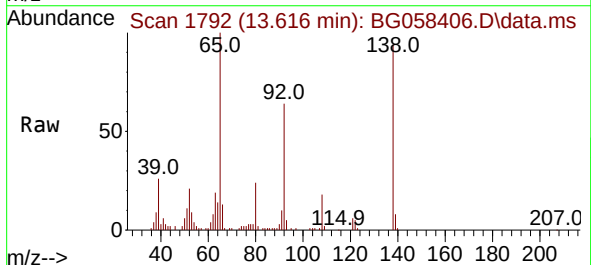
Manual Integrations  
APPROVED

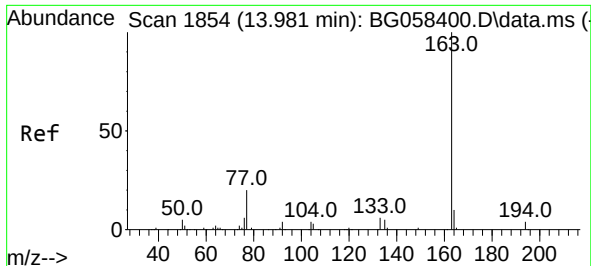
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#45  
2-Nitroaniline  
Concen: 18.380 ng/ul  
RT: 13.616 min Scan# 1792  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

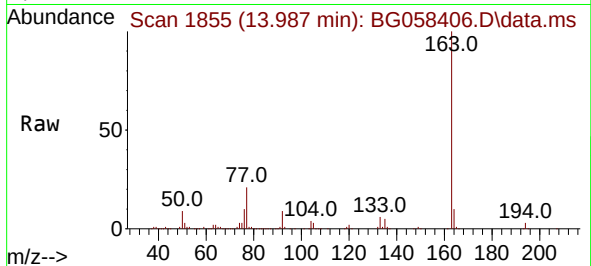
Tgt Ion: 65 Resp: 53717  
Ion Ratio Lower Upper  
65 100  
92 64.1 51.4 77.2  
138 94.1 71.6 107.4





#47  
Dimethylphthalate  
Concen: 18.426 ng/ul  
RT: 13.987 min Scan# 1855  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

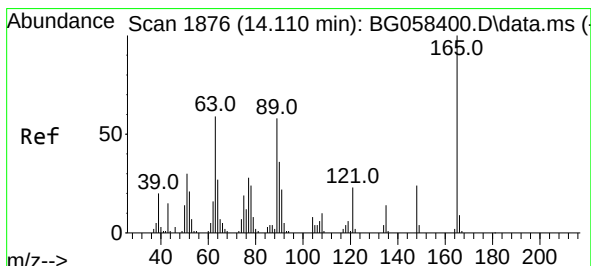
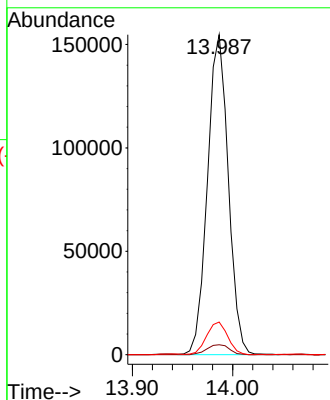
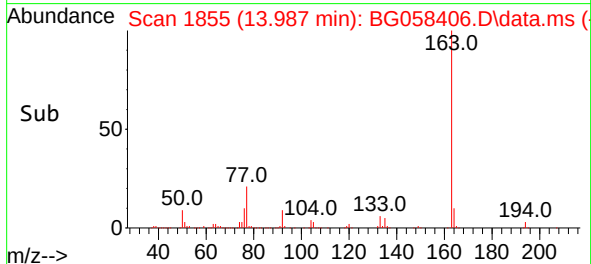
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



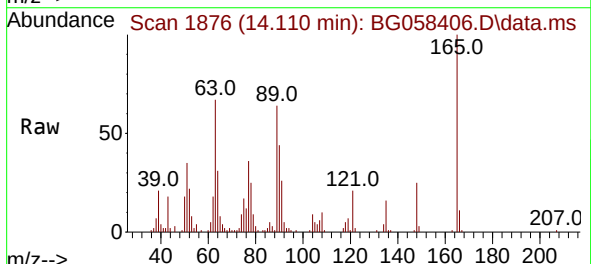
Tgt Ion:163 Resp: 22335  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.6 3.8  
164 10.2 8.2 12.2

Manual Integrations  
APPROVED

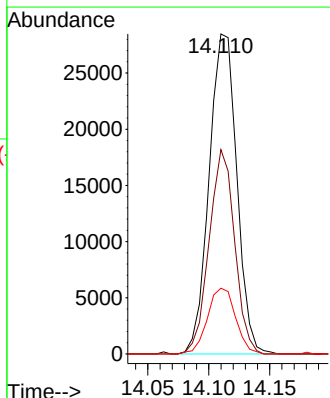
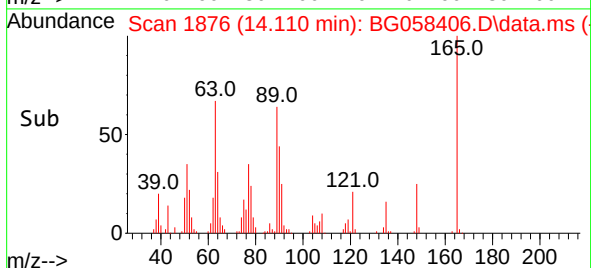
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

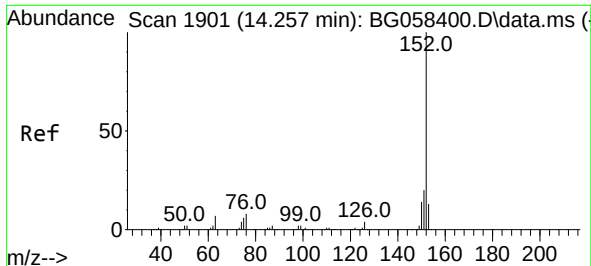


#48  
2,6-Dinitrotoluene  
Concen: 19.225 ng/ul  
RT: 14.110 min Scan# 1876  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



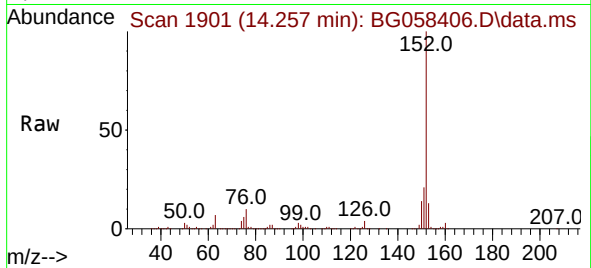
Tgt Ion:165 Resp: 45034  
Ion Ratio Lower Upper  
165 100  
89 63.8 48.9 73.3  
121 20.5 16.2 24.4





#50  
Acenaphthylene  
Concen: 18.978 ng/ul  
RT: 14.257 min Scan# 1901  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

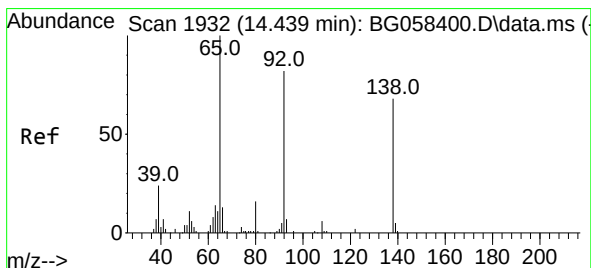
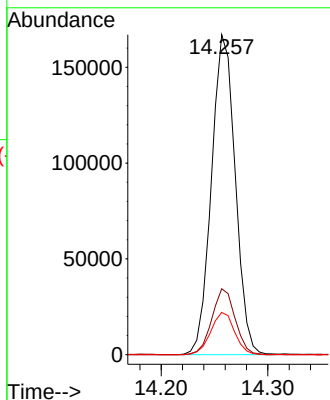
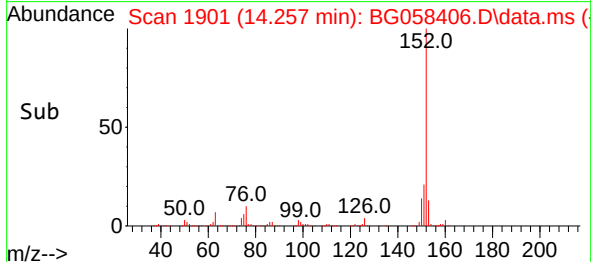
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



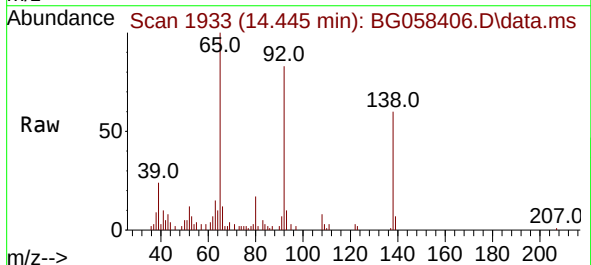
Tgt Ion:152 Resp: 25908  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.2 10.6 16.0

Manual Integrations  
APPROVED

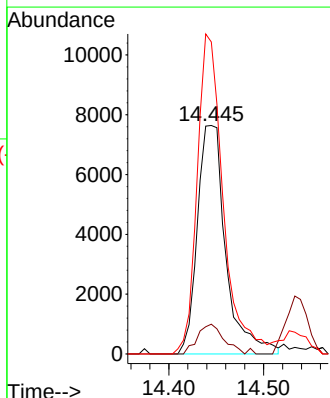
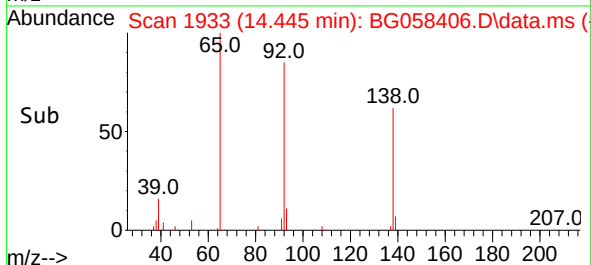
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

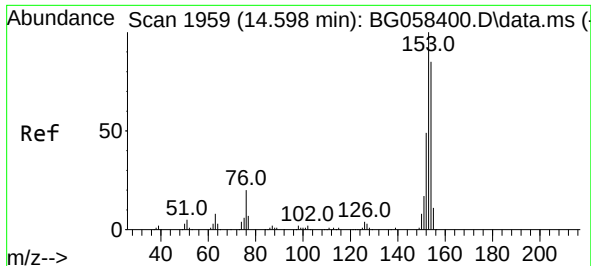


#51  
3-Nitroaniline  
Concen: 8.156 ng/ul  
RT: 14.445 min Scan# 1933  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



Tgt Ion:138 Resp: 15922  
Ion Ratio Lower Upper  
138 100  
108 13.0 8.6 13.0#  
92 136.6 108.4 162.6





#52  
Acenaphthene  
Concen: 19.836 ng/ul  
RT: 14.598 min Scan# 1959  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Instrument :

BNA\_G

ClientSampleId :

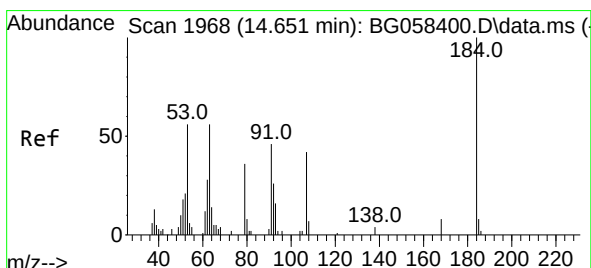
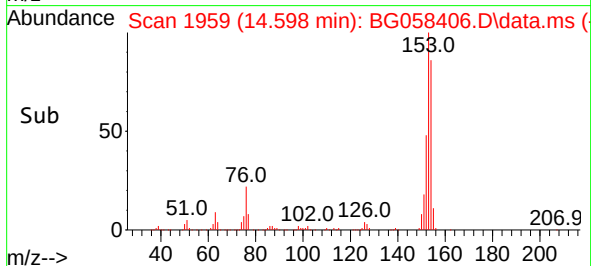
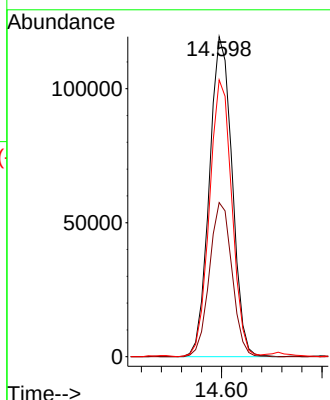
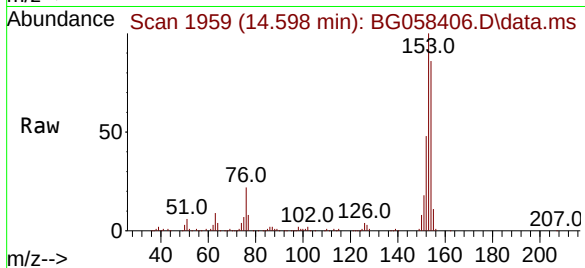
YBW57MSD

Tgt Ion:153 Resp: 188008  
Ion Ratio Lower Upper  
153 100  
152 48.2 39.1 58.7  
154 86.5 68.7 103.1

Manual Integrations

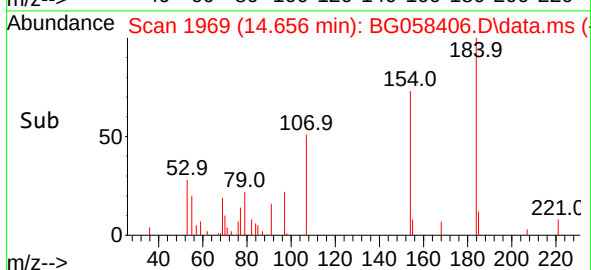
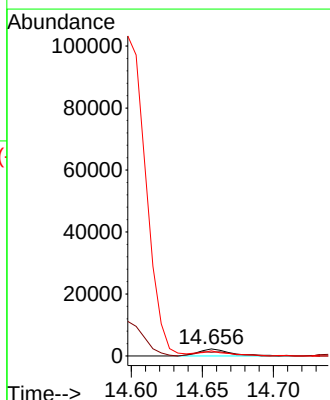
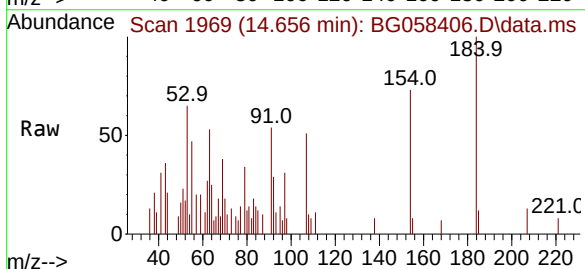
APPROVED

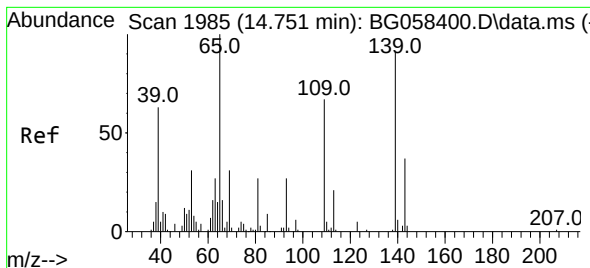
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#53  
2,4-Dinitrophenol  
Concen: 2.806 ng/ul  
RT: 14.656 min Scan# 1969  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

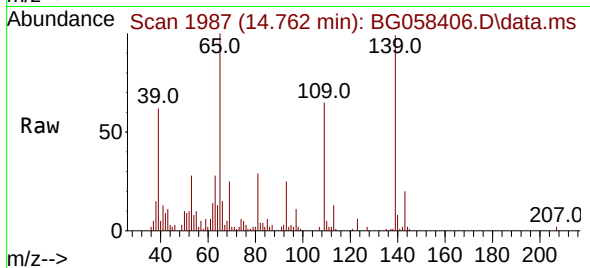
Tgt Ion:184 Resp: 3498  
Ion Ratio Lower Upper  
184 100  
63 53.1 52.9 79.3  
154 73.0 47.8 71.8#





#55  
4-Nitrophenol  
Concen: 16.623 ng/ul  
RT: 14.762 min Scan# 1985  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

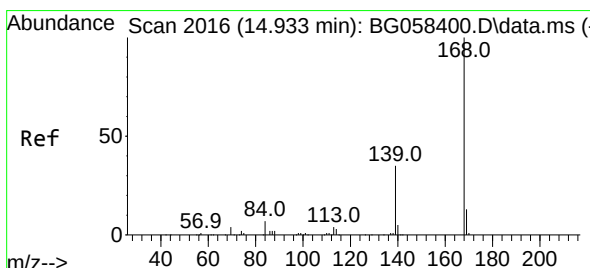
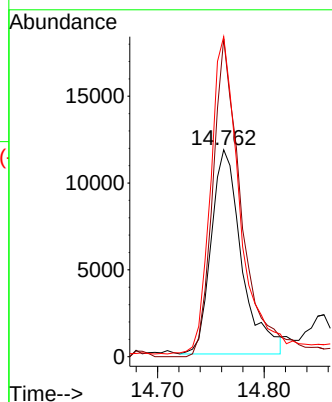
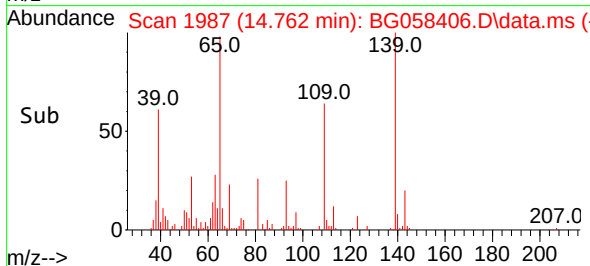
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion:109 Resp: 2333  
Ion Ratio Lower Upper  
109 100  
139 153.6 100.3 150.5  
65 154.6 120.6 180.8

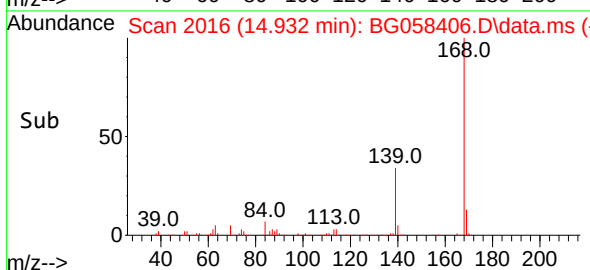
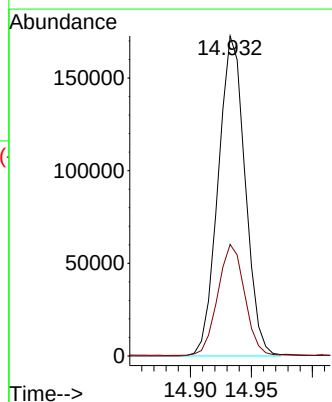
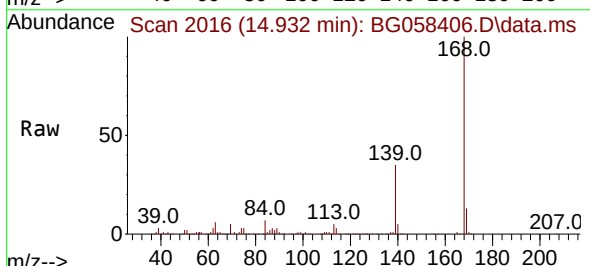
Manual Integrations  
APPROVED

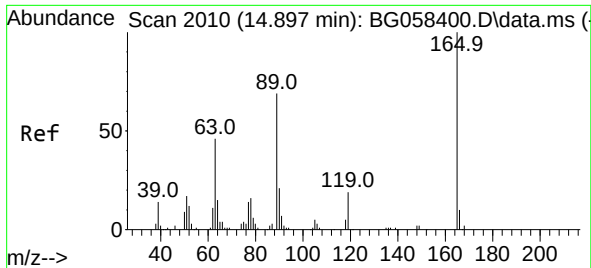
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#56  
Dibenzofuran  
Concen: 19.704 ng/ul  
RT: 14.932 min Scan# 2016  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Tgt Ion:168 Resp: 265931  
Ion Ratio Lower Upper  
168 100  
139 34.8 27.8 41.8





#57  
2,4-Dinitrotoluene  
Concen: 18.817 ng/ul  
RT: 14.903 min Scan# 2011  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Instrument :

BNA\_G

ClientSampleId :

YBW57MSD

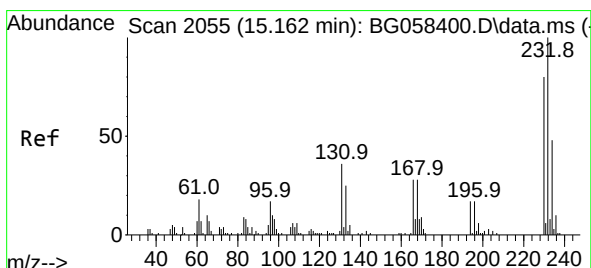
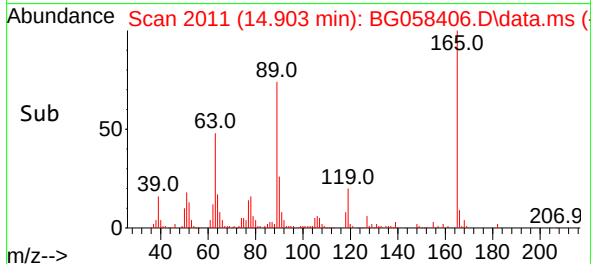
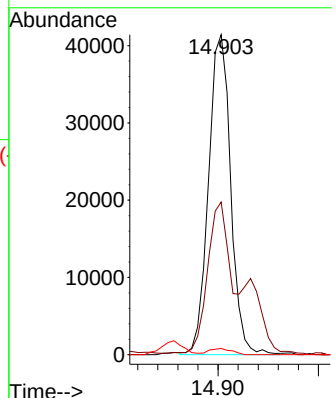
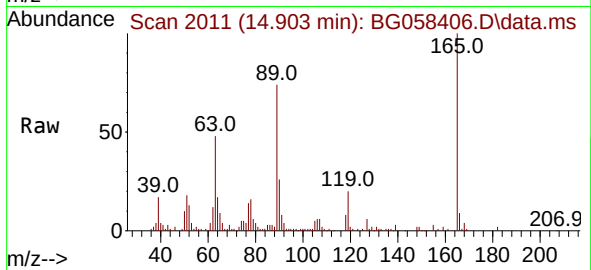
Tgt Ion:165 Resp: 6357  
Ion Ratio Lower Upper  
165 100  
63 47.7 33.8 50.6  
182 1.9 1.2 1.8

Manual Integrations

APPROVED

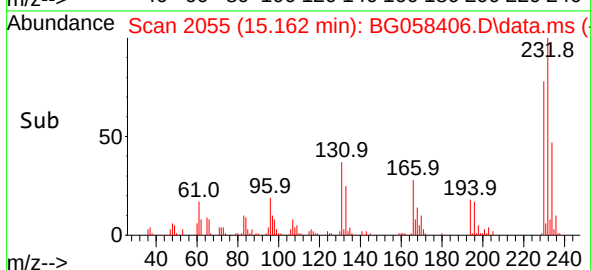
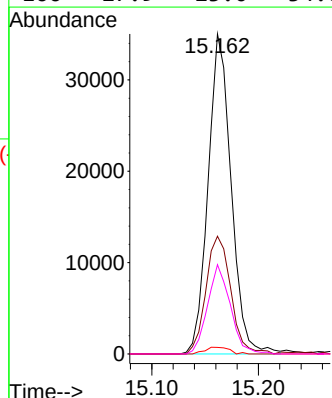
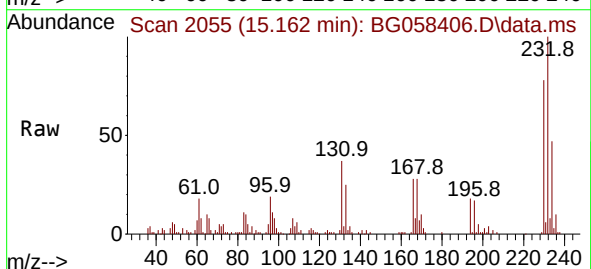
Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023

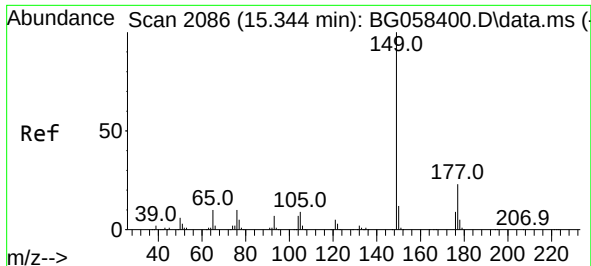


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 17.429 ng/ul  
RT: 15.162 min Scan# 2055  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Tgt Ion:232 Resp: 52660  
Ion Ratio Lower Upper  
232 100  
131 36.8 29.0 43.6  
130 2.1 1.1 1.7#  
166 27.9 23.0 34.6







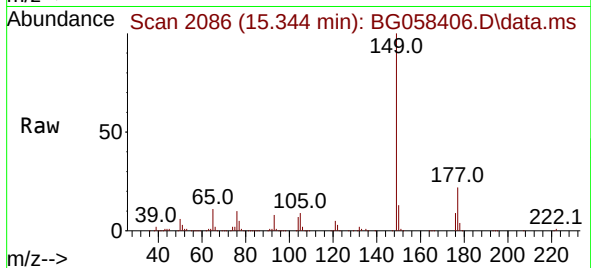
#59  
Diethylphthalate  
Concen: 18.142 ng/ul  
RT: 15.344 min Scan# 2086  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Instrument :

BNA\_G

ClientSampleId :

YBW57MSD

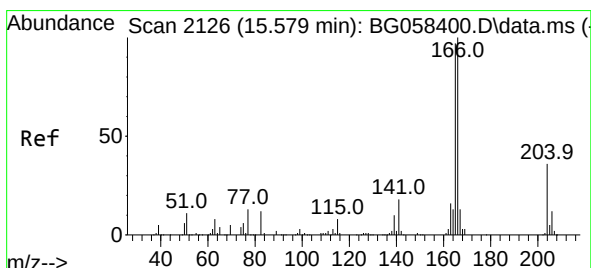
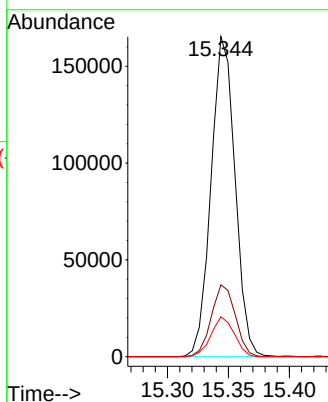
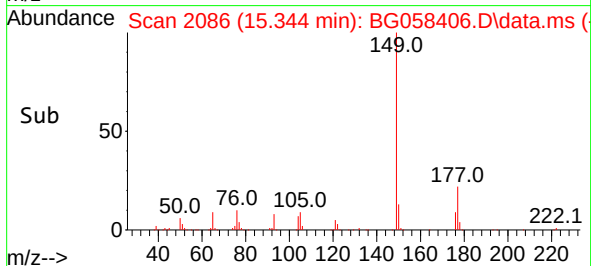


Tgt Ion:149 Resp: 226558  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.4 27.6  
150 12.5 10.0 15.0

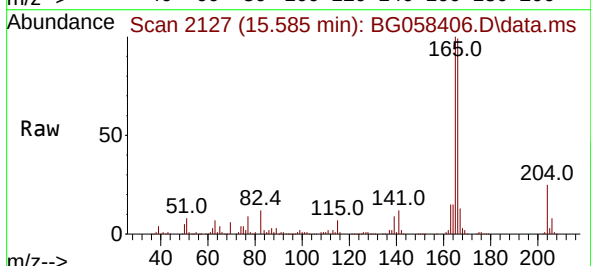
Manual Integrations

APPROVED

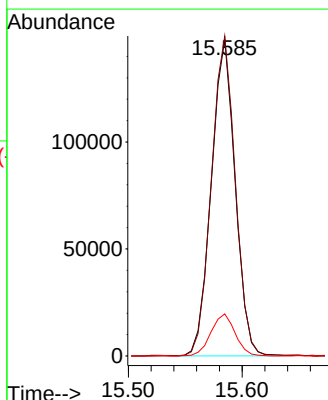
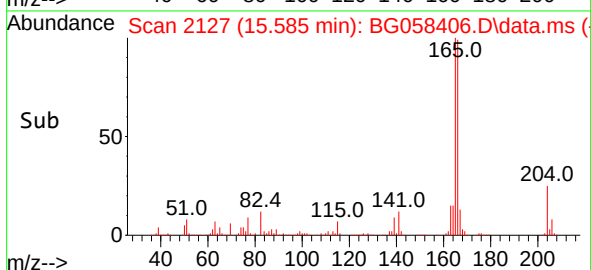
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

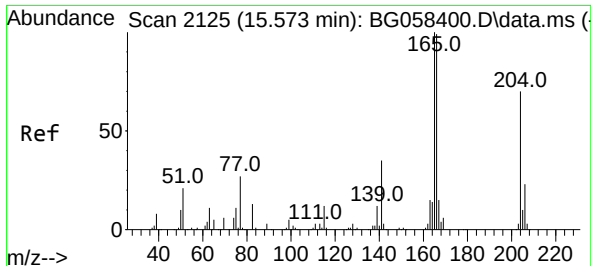


#61  
Fluorene  
Concen: 19.436 ng/ul  
RT: 15.585 min Scan# 2127  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



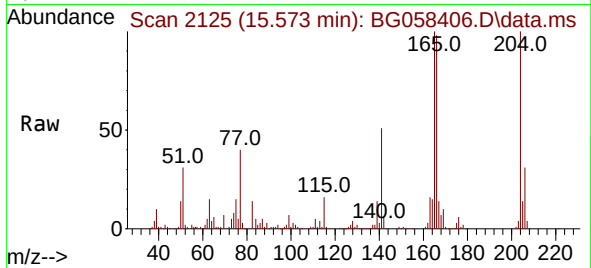
Tgt Ion:166 Resp: 215113  
Ion Ratio Lower Upper  
166 100  
165 101.0 80.2 120.2  
167 13.3 10.5 15.7





#62  
4-Chlorophenyl-phenylether  
Concen: 19.476 ng/ul  
RT: 15.573 min Scan# 2125  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

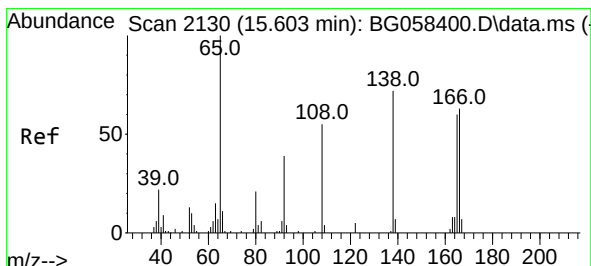
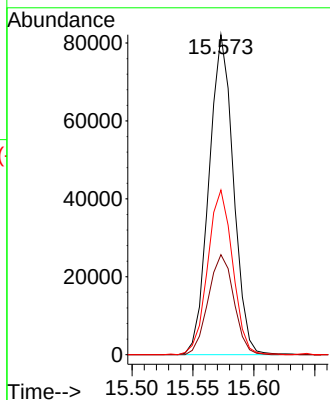
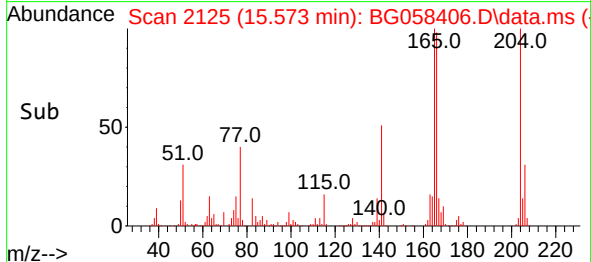
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



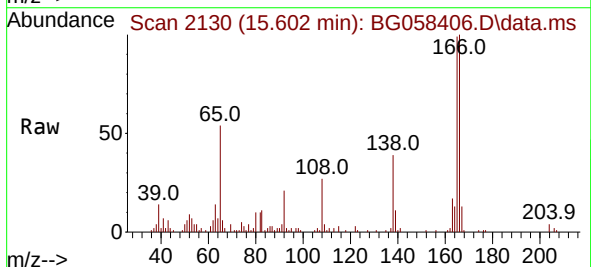
Tgt Ion:204 Resp: 11443  
Ion Ratio Lower Upper  
204 100  
206 31.2 26.0 39.0  
141 51.4 42.2 63.2

Manual Integrations  
APPROVED

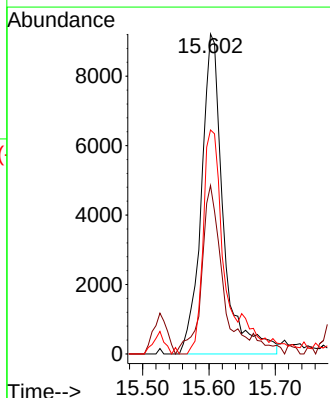
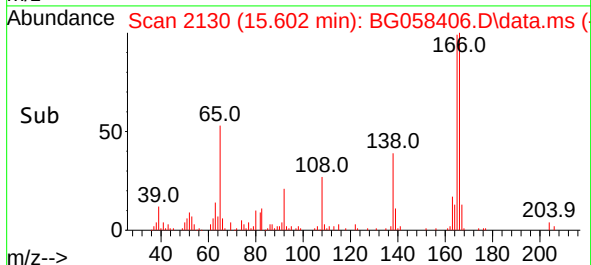
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

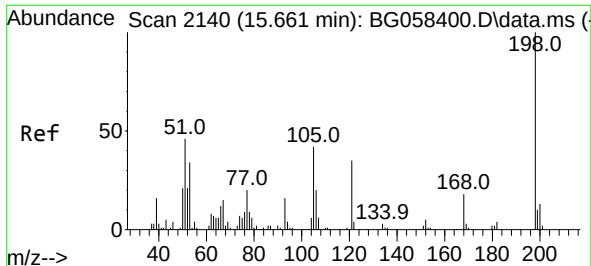


#63  
4-Nitroaniline  
Concen: 12.046 ng/ul m  
RT: 15.602 min Scan# 2130  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



Tgt Ion:138 Resp: 21278  
Ion Ratio Lower Upper  
138 100  
92 52.6 45.0 67.4  
108 70.0 60.8 91.2





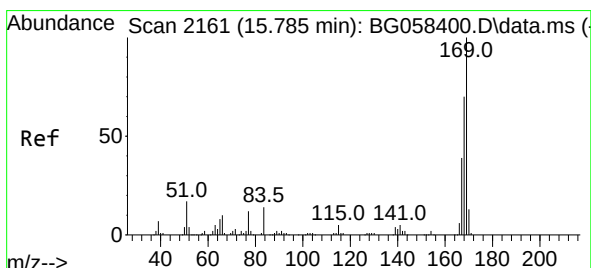
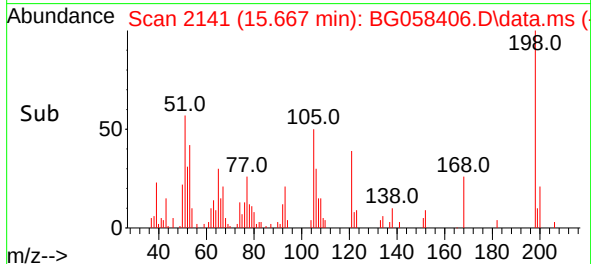
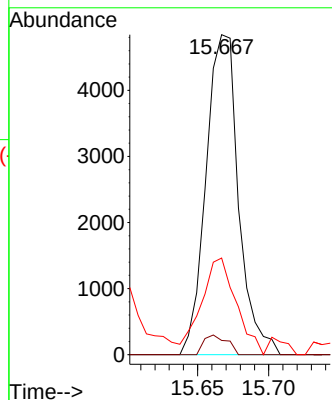
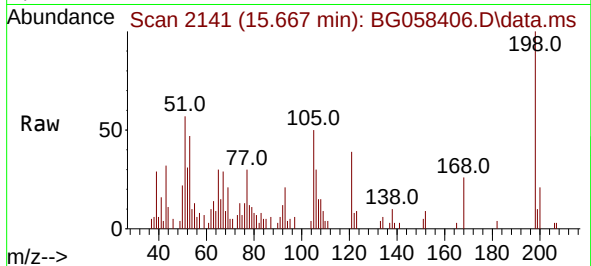
#66  
4,6-Dinitro-2-methylphenol  
Concen: 4.427 ng/ul  
RT: 15.667 min Scan# 2140  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD

Tgt Ion:198 Resp: 7729  
Ion Ratio Lower Upper  
198 100  
182 4.4 3.4 5.2  
77 30.2 18.4 27.6

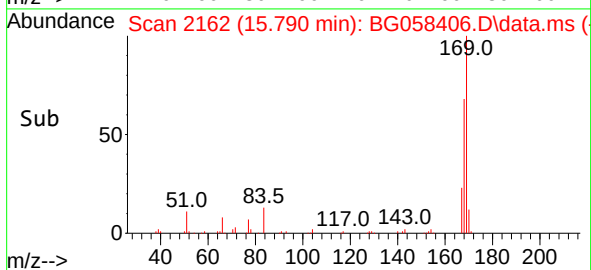
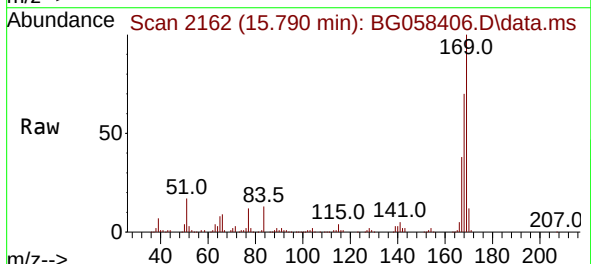
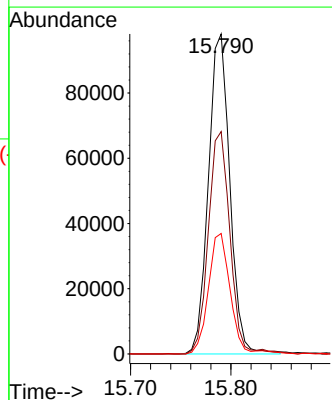
Manual Integrations  
APPROVED

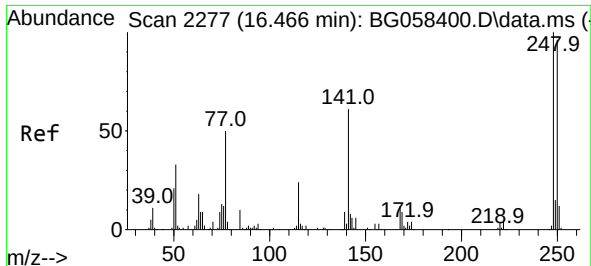
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#67  
N-Nitrosodiphenylamine  
Concen: 17.652 ng/ul  
RT: 15.790 min Scan# 2162  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

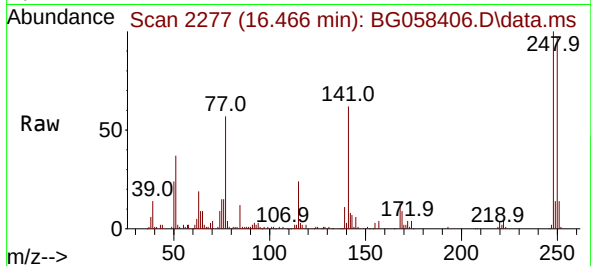
Tgt Ion:169 Resp: 145740  
Ion Ratio Lower Upper  
169 100  
168 69.5 55.7 83.5  
167 37.7 31.2 46.8





#68  
4-Bromophenyl-phenylether  
Concen: 21.331 ng/ul  
RT: 16.466 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

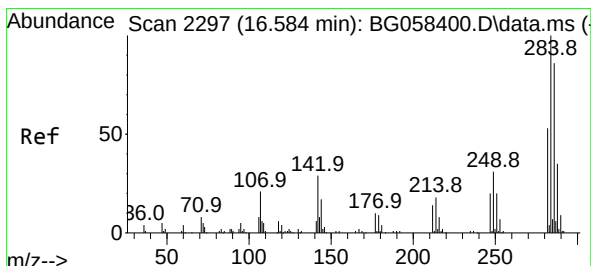
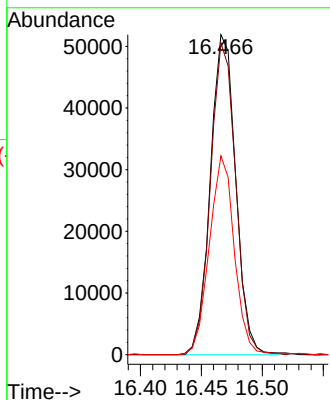
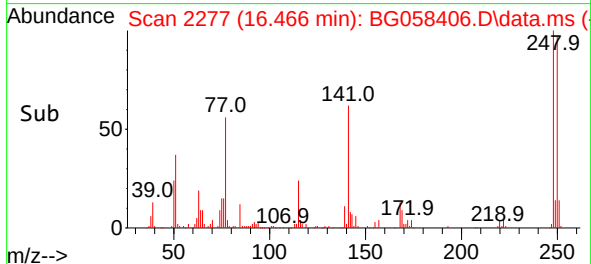
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



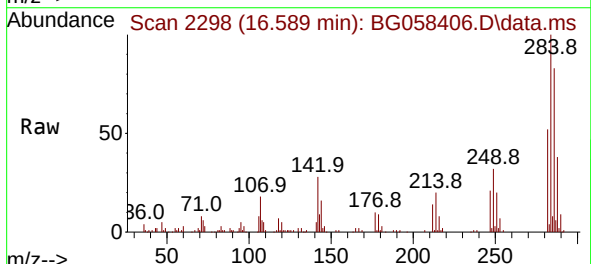
Tgt Ion:248 Resp: 7525  
Ion Ratio Lower Upper  
248 100  
250 97.4 73.8 110.6  
141 62.1 48.2 72.2

Manual Integrations  
APPROVED

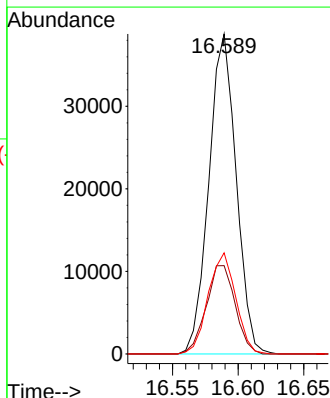
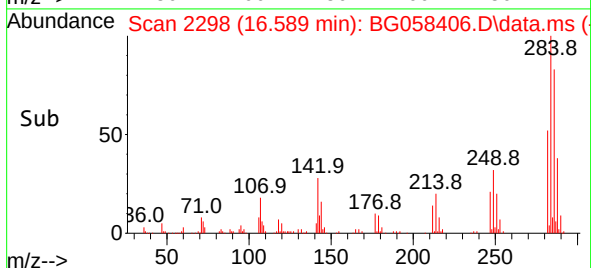
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

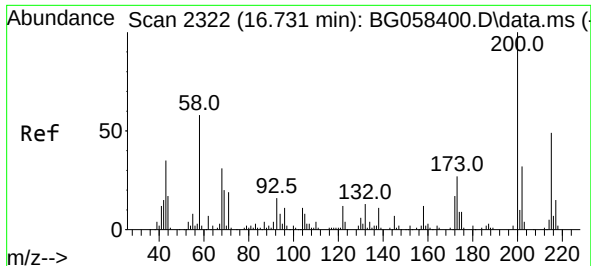


#69  
Hexachlorobenzene  
Concen: 14.091 ng/ul  
RT: 16.589 min Scan# 2298  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



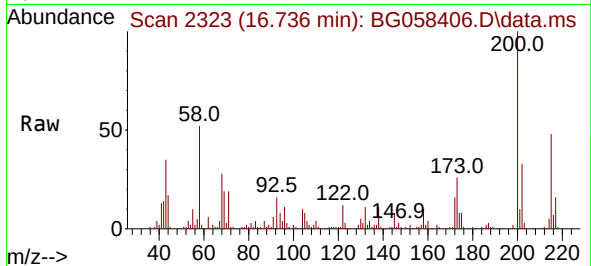
Tgt Ion:284 Resp: 56092  
Ion Ratio Lower Upper  
284 100  
142 27.6 20.5 30.7  
249 31.6 25.2 37.8





#70  
Atrazine  
Concen: 20.760 ng/ul  
RT: 16.736 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

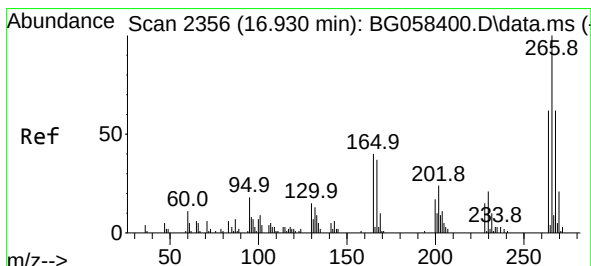
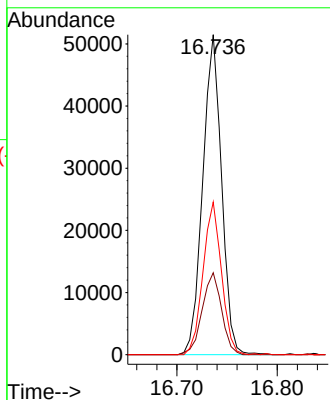
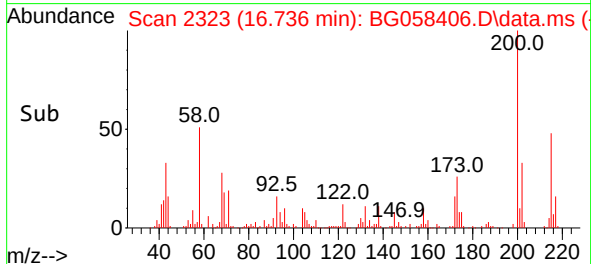
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



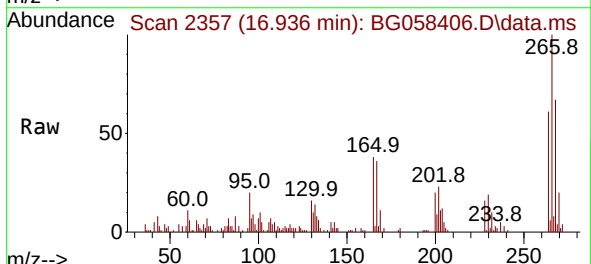
Tgt Ion:200 Resp: 67198  
Ion Ratio Lower Upper  
200 100  
173 25.6 19.8 29.8  
215 47.7 36.2 54.4

Manual Integrations  
APPROVED

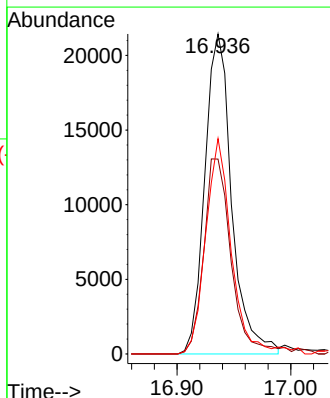
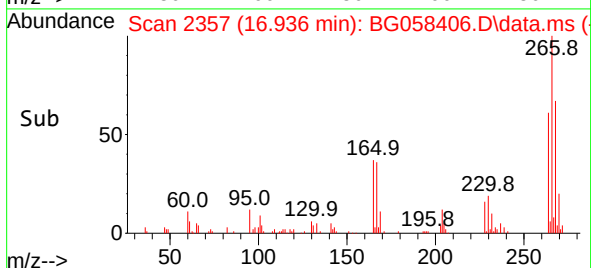
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

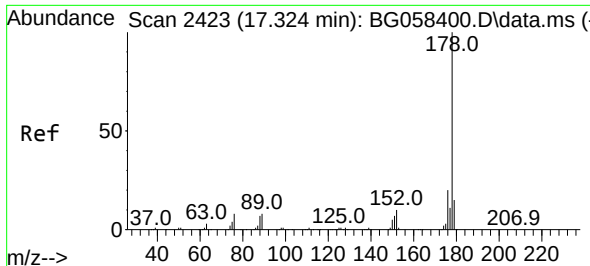


#71  
Pentachlorophenol  
Concen: 15.805 ng/ul  
RT: 16.936 min Scan# 2357  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



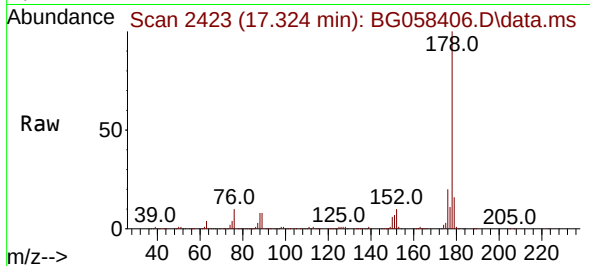
Tgt Ion:266 Resp: 35315  
Ion Ratio Lower Upper  
266 100  
264 60.9 46.6 70.0  
268 67.3 47.6 71.4





#72  
Phenanthrene  
Concen: 20.786 ng/u1  
RT: 17.324 min Scan# 2423  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

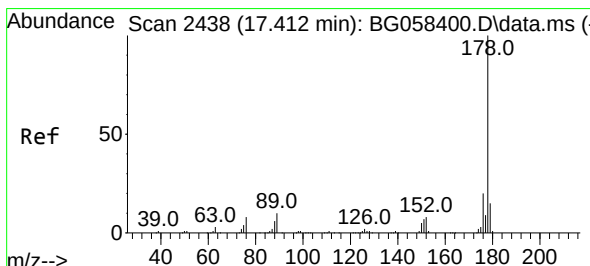
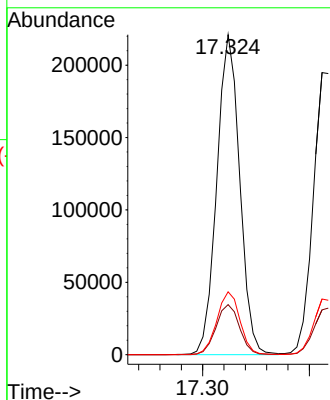
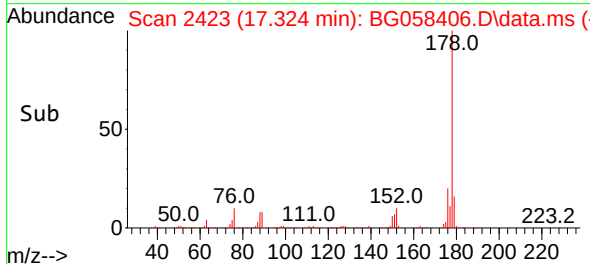
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



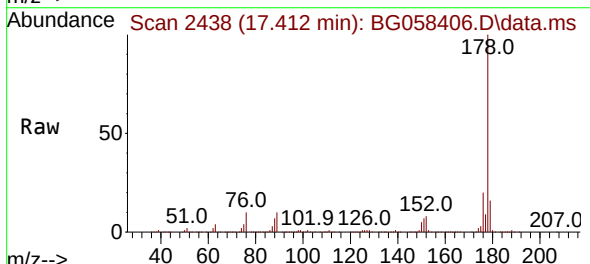
Tgt Ion:178 Resp: 32900  
Ion Ratio Lower Upper  
178 100  
179 15.6 11.9 17.9  
176 19.7 15.8 23.8

Manual Integrations  
APPROVED

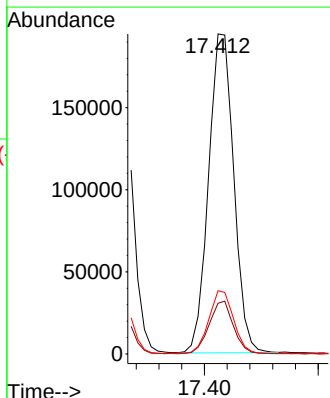
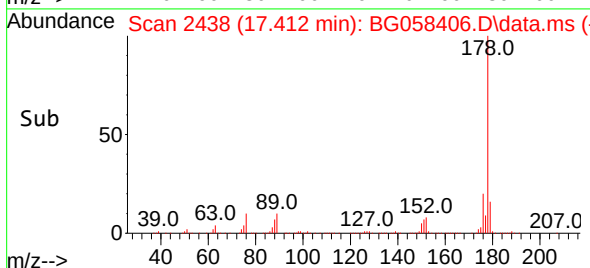
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

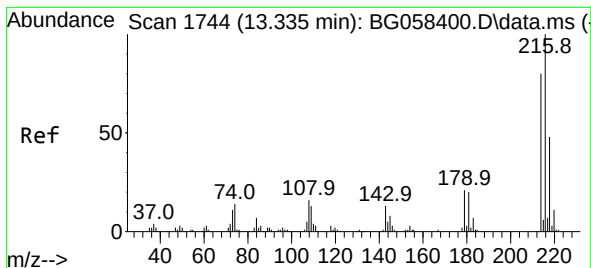


#74  
Anthracene  
Concen: 18.860 ng/u1  
RT: 17.412 min Scan# 2438  
Delta R.T. -0.005 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



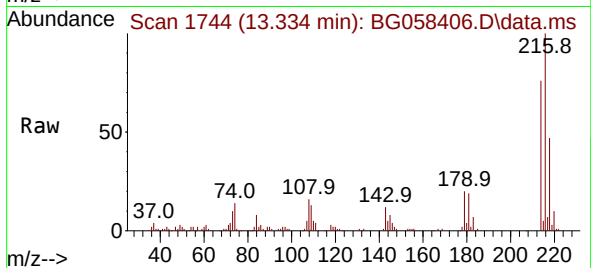
Tgt Ion:178 Resp: 299691  
Ion Ratio Lower Upper  
178 100  
179 15.9 13.4 20.2  
176 19.8 16.2 24.2





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 20.543 ng/uL  
RT: 13.334 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

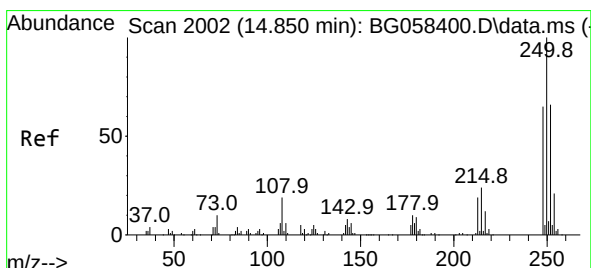
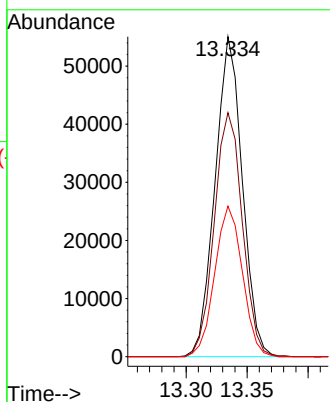
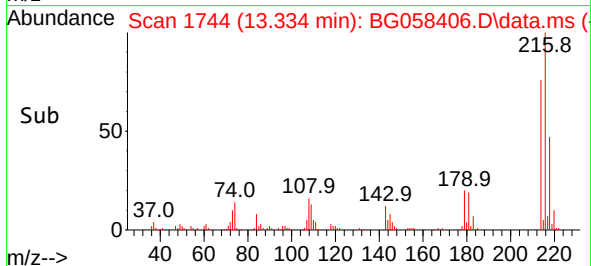
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



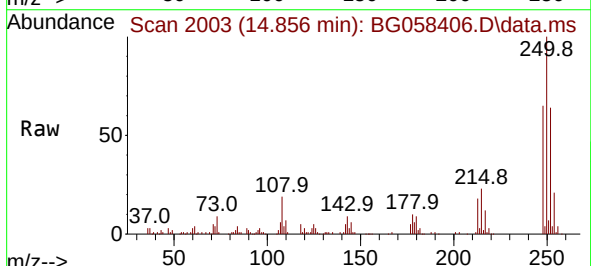
Tgt Ion:216 Resp: 8582  
Ion Ratio Lower Upper  
216 100  
214 76.3 62.2 93.4  
218 47.1 40.9 61.3

Manual Integrations  
APPROVED

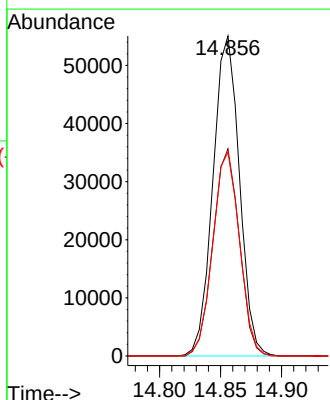
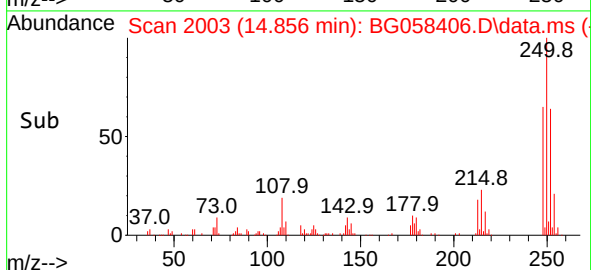
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

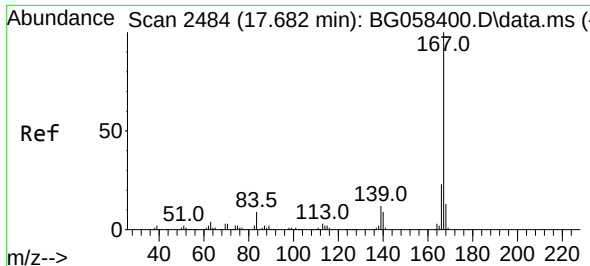


#76  
Pentachlorobenzene  
Concen: 18.217 ng/uL  
RT: 14.856 min Scan# 2003  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



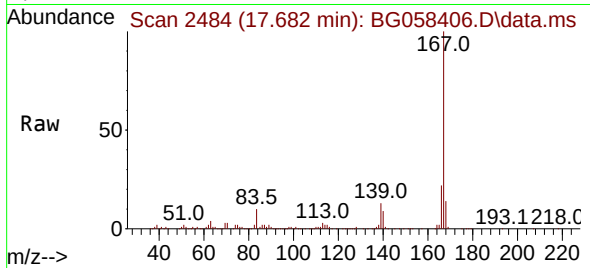
Tgt Ion:250 Resp: 83225  
Ion Ratio Lower Upper  
250 100  
248 64.7 51.6 77.4  
252 63.6 54.4 81.6





#77  
 Carbazole  
 Concen: 16.338 ng/ul  
 RT: 17.682 min Scan# 2484  
 Delta R.T. 0.001 min  
 Lab File: BG058406.D  
 Acq: 22 Jul 2023 18:09

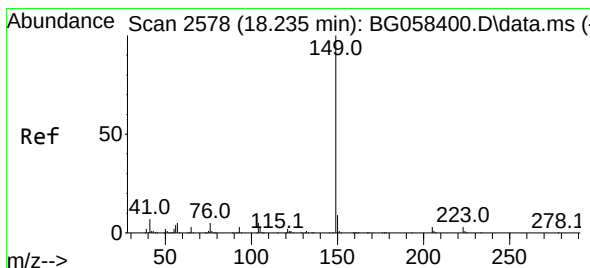
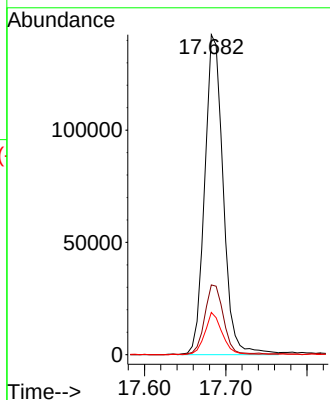
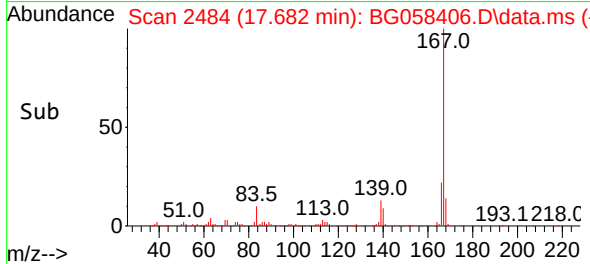
Instrument :  
 BNA\_G  
 ClientSampleId :  
 YBW57MSD



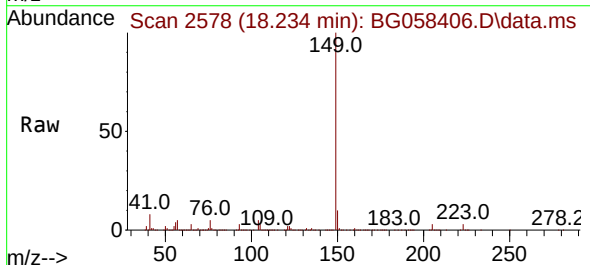
Tgt Ion:167 Resp: 22503  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.8 26.8  
 139 13.2 9.4 14.0

Manual Integrations  
 APPROVED

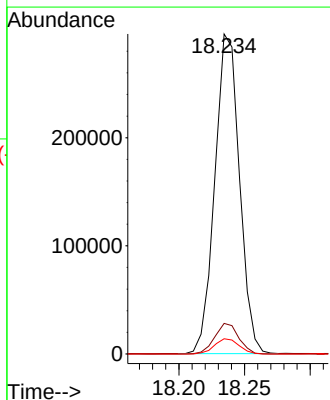
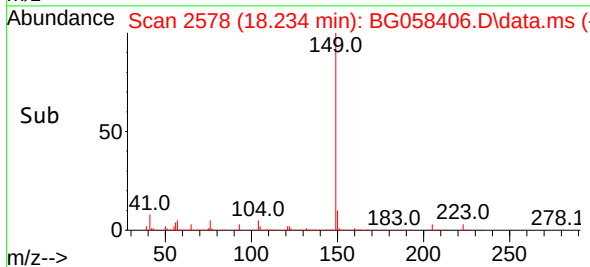
Reviewed By :Yogesh Patel 07/24/2023  
 Supervised By :mohammad ahmed 07/24/2023



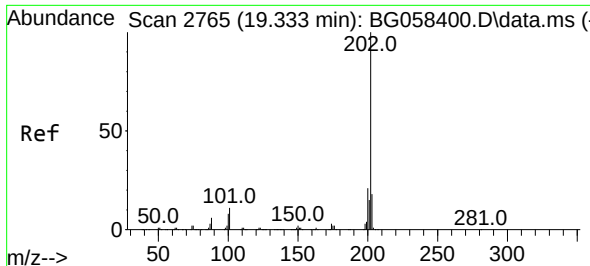
#78  
 Di-n-butylphthalate  
 Concen: 22.029 ng/ul  
 RT: 18.234 min Scan# 2578  
 Delta R.T. -0.005 min  
 Lab File: BG058406.D  
 Acq: 22 Jul 2023 18:09



Tgt Ion:149 Resp: 385561  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.2 10.8  
 104 4.7 3.9 5.9

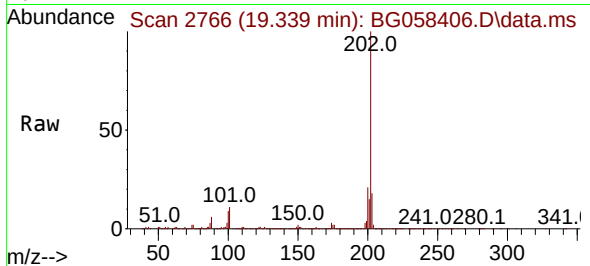






#80  
Fluoranthene  
Concen: 20.978 ng/ul  
RT: 19.339 min Scan# 2766  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

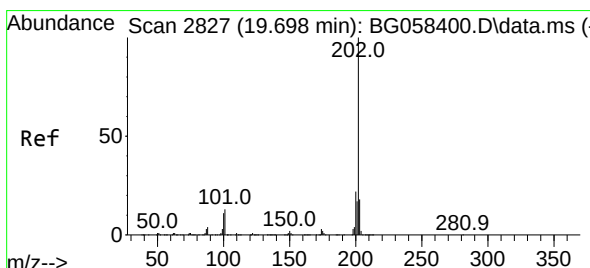
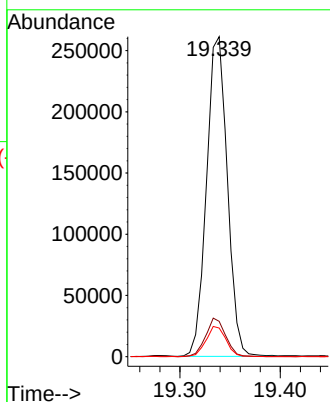
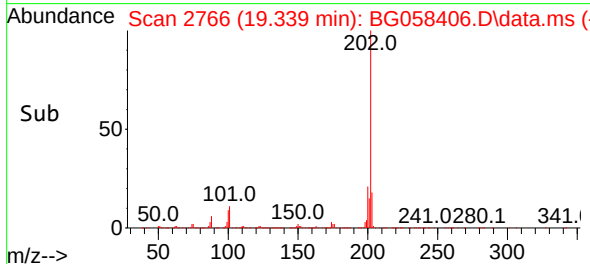
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion:202 Resp: 37723  
Ion Ratio Lower Upper  
202 100  
101 11.0 8.6 12.8  
100 8.9 7.2 10.8

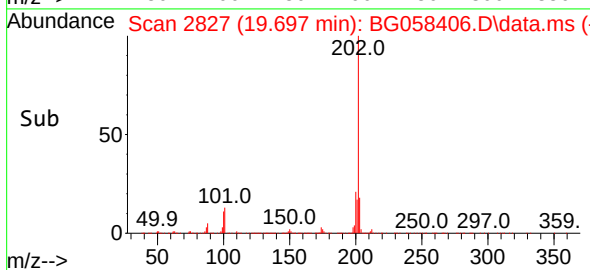
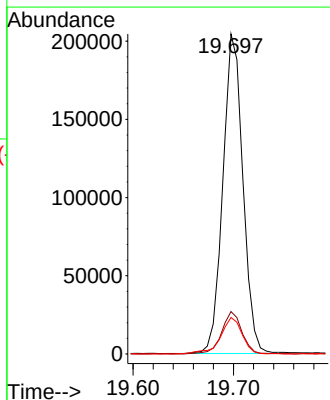
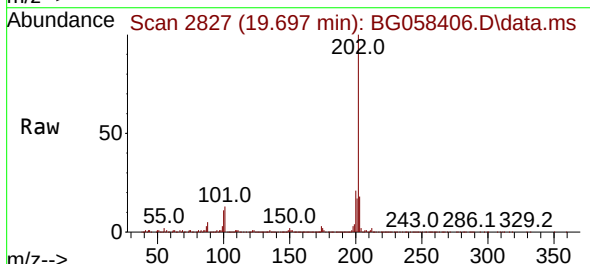
Manual Integrations  
APPROVED

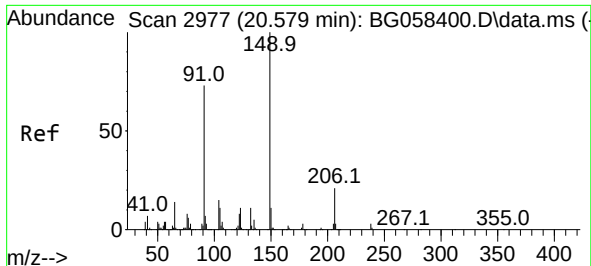
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#82  
Pyrene  
Concen: 15.510 ng/ul  
RT: 19.697 min Scan# 2827  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Tgt Ion:202 Resp: 282591  
Ion Ratio Lower Upper  
202 100  
101 13.3 10.2 15.2  
100 11.4 8.9 13.3





#83  
Butylbenzylphthalate  
Concen: 23.459 ng/ul  
RT: 20.579 min Scan# 2977  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Instrument :

BNA\_G

ClientSampleId :

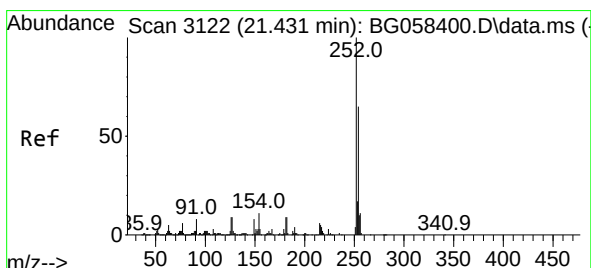
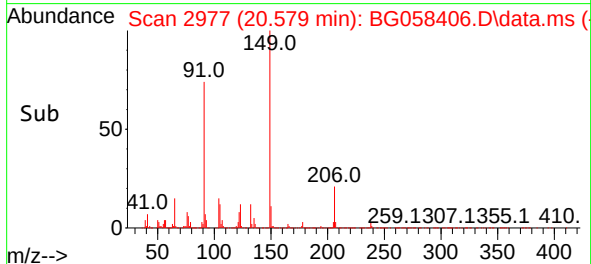
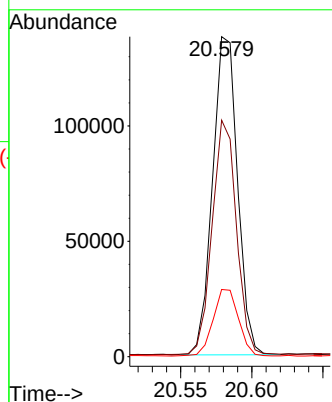
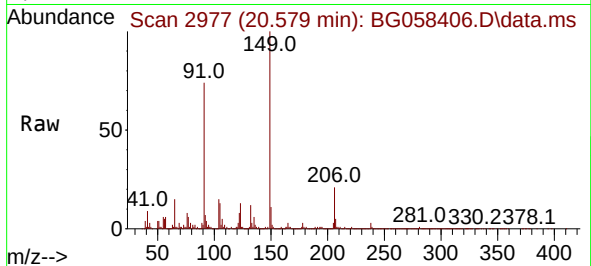
YBW57MSD

Tgt Ion:149 Resp: 16831  
Ion Ratio Lower Upper  
149 100  
91 73.9 59.9 89.9  
206 21.0 16.9 25.3

Manual Integrations

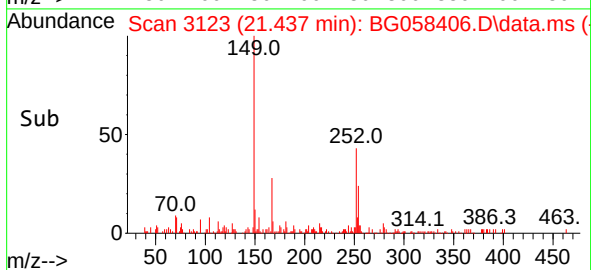
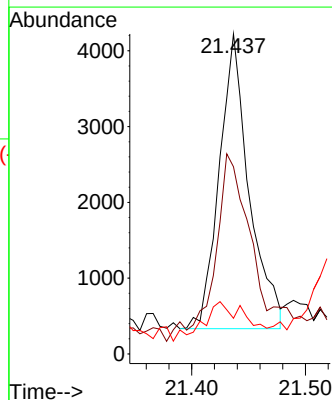
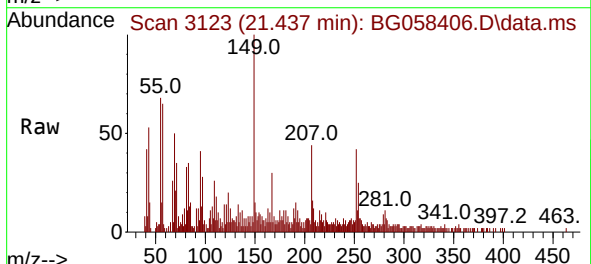
APPROVED

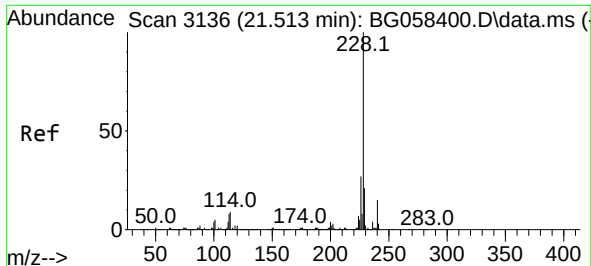
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#84  
3,3'-Dichlorobenzidine  
Concen: 1.195 ng/ul  
RT: 21.437 min Scan# 3123  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

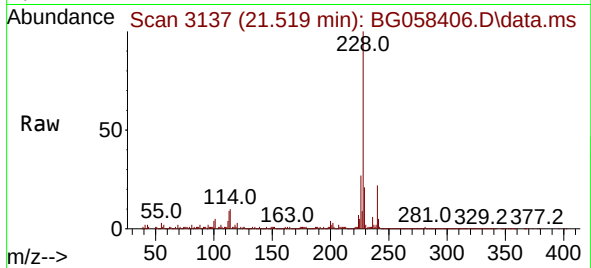
Tgt Ion:252 Resp: 7089  
Ion Ratio Lower Upper  
252 100  
254 58.5 50.5 75.7  
126 11.2 6.5 9.7#





#85  
Benzo(a)anthracene  
Concen: 20.516 ng/ul  
RT: 21.519 min Scan# 3136  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

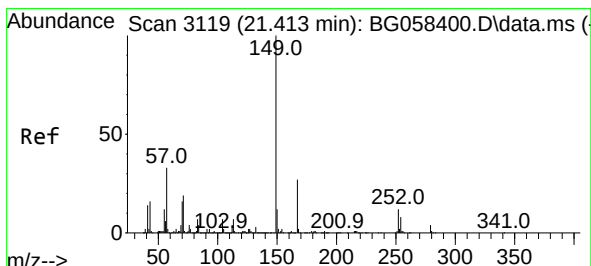
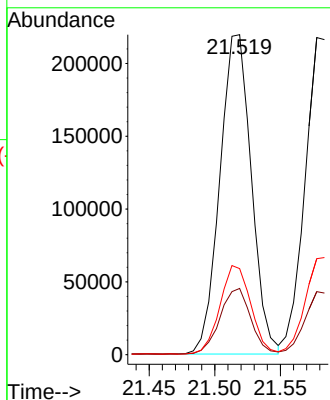
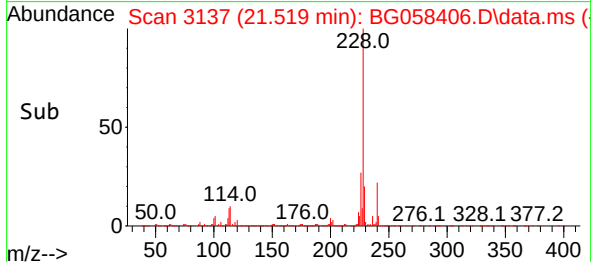
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion:228 Resp: 36647  
Ion Ratio Lower Upper  
228 100  
229 20.7 15.7 23.5  
226 26.9 21.8 32.8

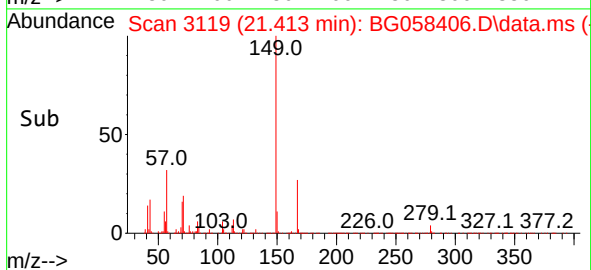
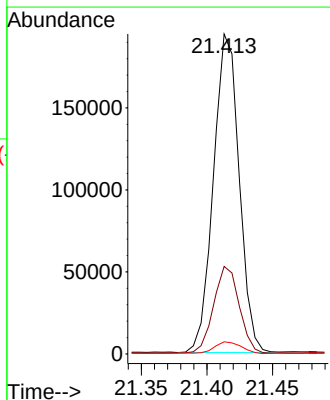
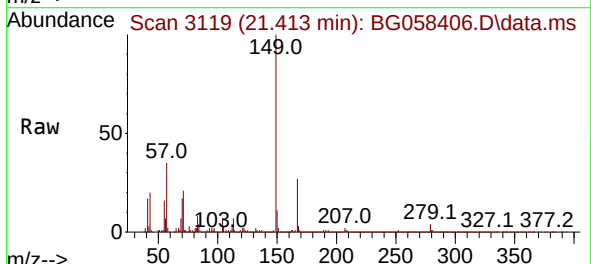
Manual Integrations  
APPROVED

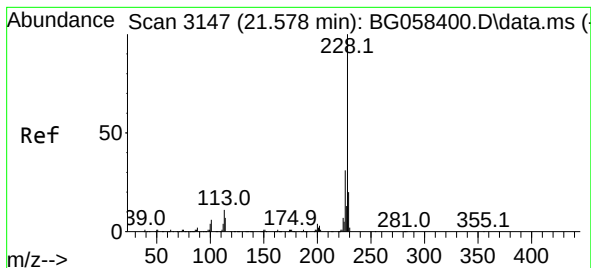
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 25.890 ng/ul  
RT: 21.413 min Scan# 3119  
Delta R.T. 0.001 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Tgt Ion:149 Resp: 264202  
Ion Ratio Lower Upper  
149 100  
167 27.3 21.6 32.4  
279 3.8 3.0 4.4





#87

Chrysene

Concen: 20.503 ng/ul

RT: 21.578 min Scan# 3147

Delta R.T. 0.001 min

Lab File: BG058406.D

Acq: 22 Jul 2023 18:09

Instrument :

BNA\_G

ClientSampleId :

YBW57MSD

Tgt Ion:228 Resp: 34739

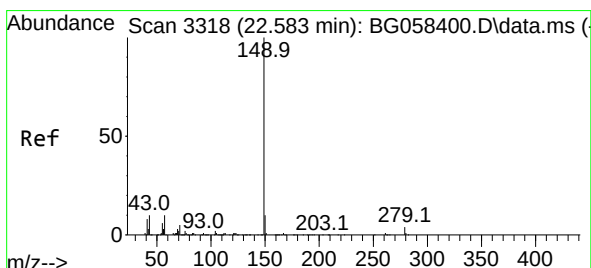
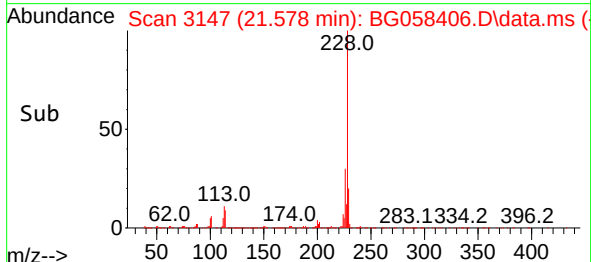
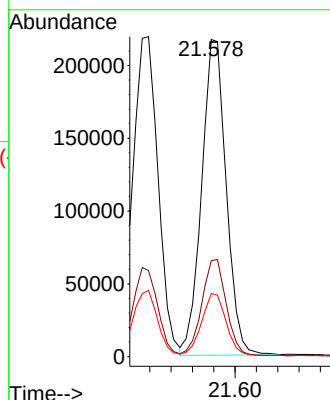
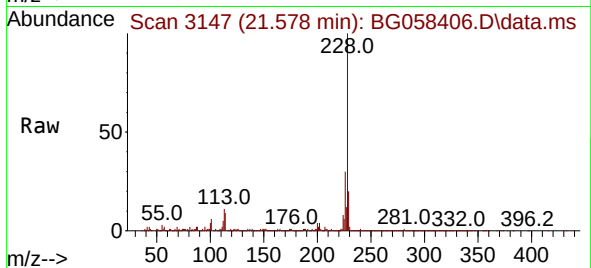
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.3  | 24.0  | 36.0  |
| 229 | 19.9  | 15.8  | 23.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#89

Di-n-octyl phthalate

Concen: 24.105 ng/ul

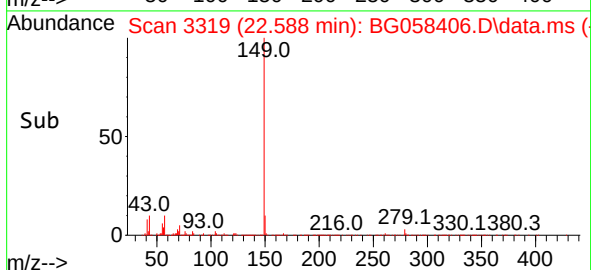
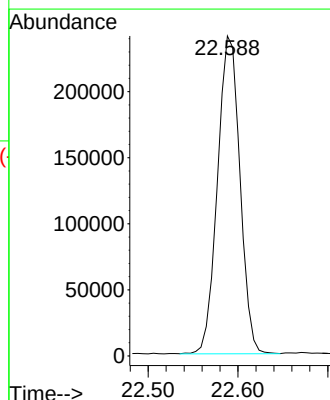
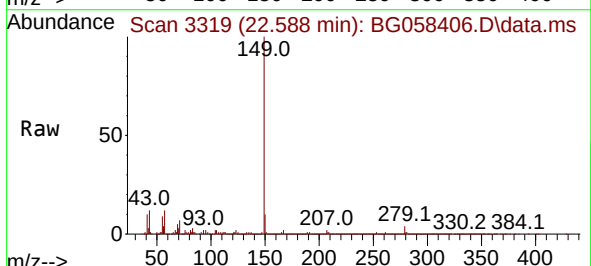
RT: 22.588 min Scan# 3319

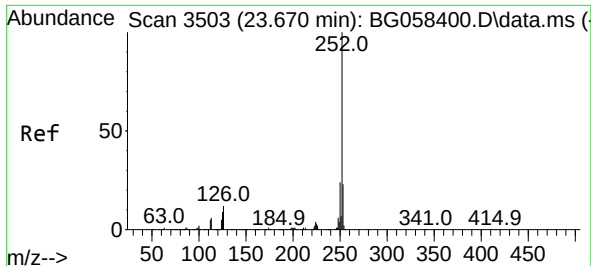
Delta R.T. 0.001 min

Lab File: BG058406.D

Acq: 22 Jul 2023 18:09

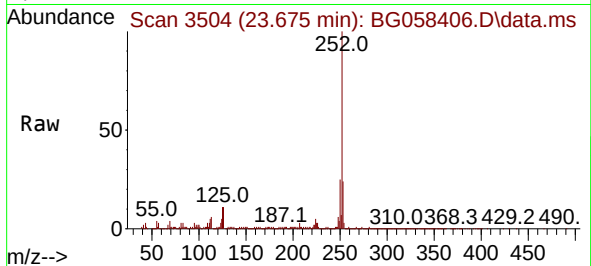
Tgt Ion:149 Resp: 416967





#90  
Benzo(b)fluoranthene  
Concen: 20.316 ng/ul m  
RT: 23.675 min Scan# 3503  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

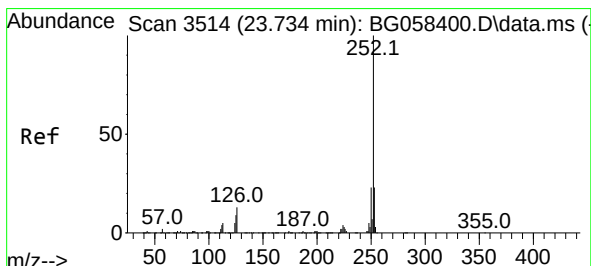
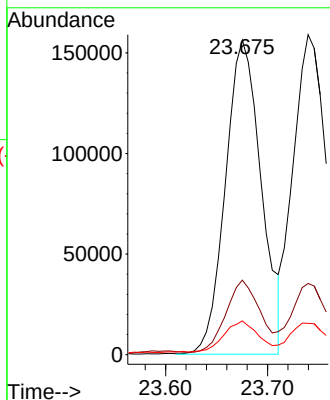
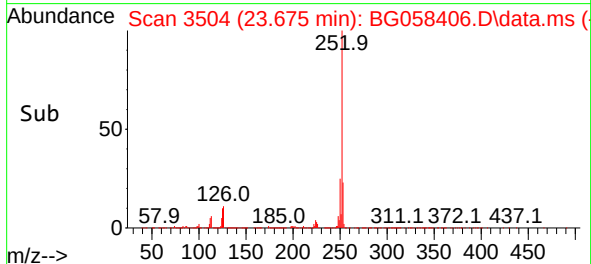
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



Tgt Ion:252 Resp: 382140  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.9 26.9  
125 10.8 6.7 10.1

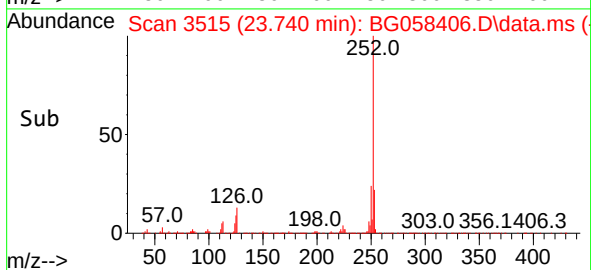
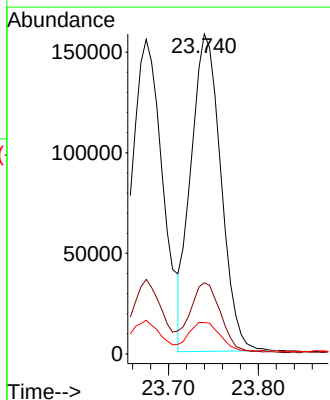
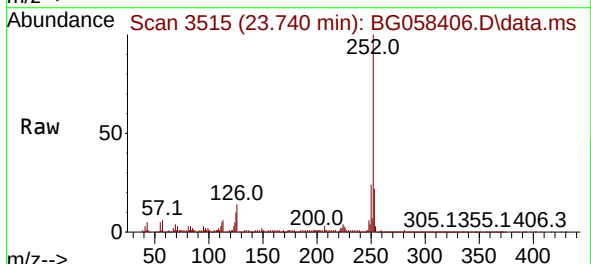
Manual Integrations  
APPROVED

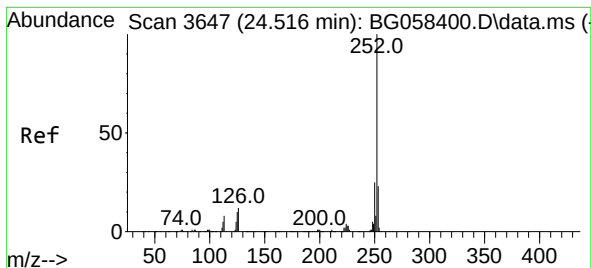
Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#91  
Benzo(k)fluoranthene  
Concen: 19.481 ng/ul  
RT: 23.740 min Scan# 3515  
Delta R.T. 0.007 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

Tgt Ion:252 Resp: 365475  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.3 27.5  
125 9.8 7.4 11.0





#93

Benzo(a)pyrene

Concen: 8.804 ng/ul

RT: 24.527 min Scan# 3649

Delta R.T. 0.007 min

Lab File: BG058406.D

Acq: 22 Jul 2023 18:09

Instrument :

BNA\_G

ClientSampleId :

YBW57MSD

Tgt Ion:252 Resp: 147302

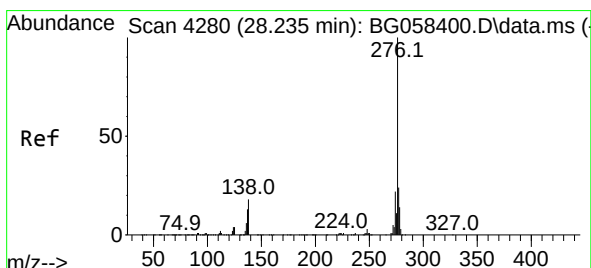
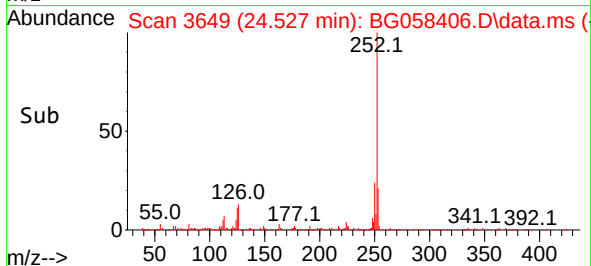
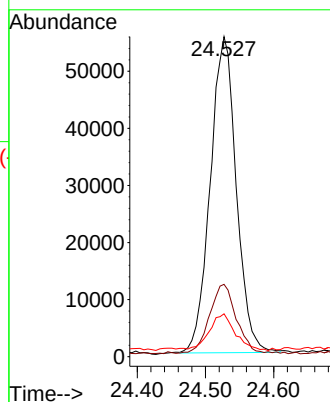
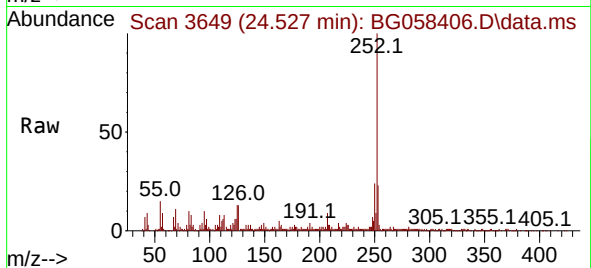
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.4  | 26.0  |
| 125 | 13.4  | 7.7   | 11.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.257 ng/ul m

RT: 28.258 min Scan# 4284

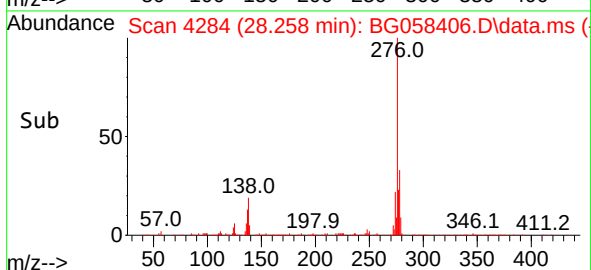
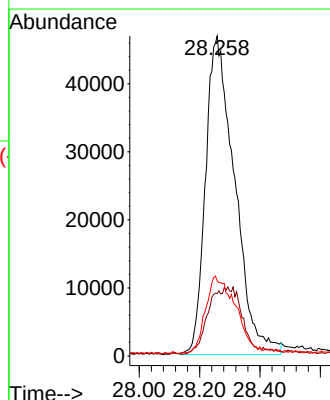
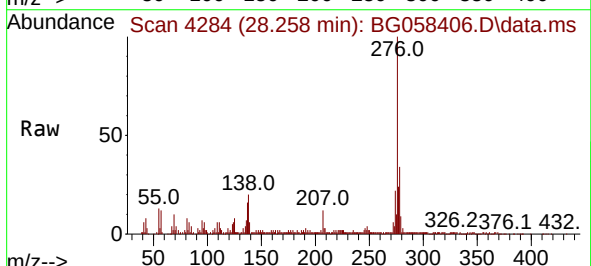
Delta R.T. 0.030 min

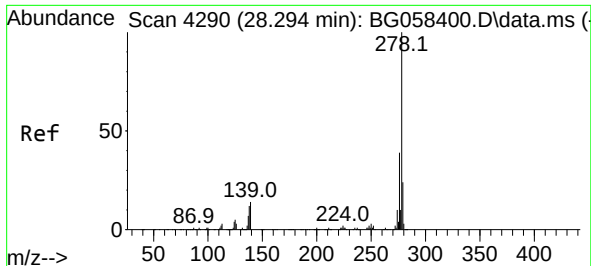
Lab File: BG058406.D

Acq: 22 Jul 2023 18:09

Tgt Ion:276 Resp: 314275

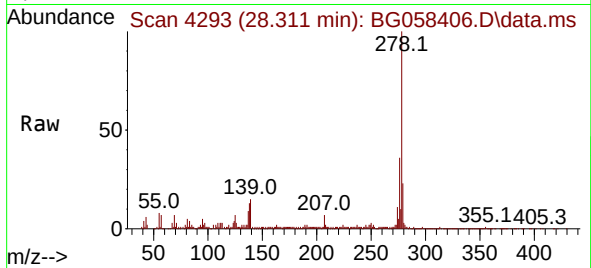
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.5  | 13.8  | 20.6  |
| 277 | 23.5  | 19.2  | 28.8  |





#95  
Dibenzo(a,h)anthracene  
Concen: 20.269 ng/ul  
RT: 28.311 min Scan# 4293  
Delta R.T. 0.018 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09

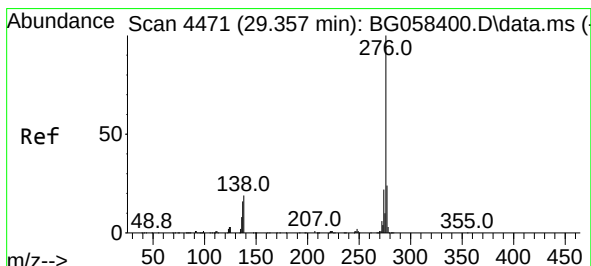
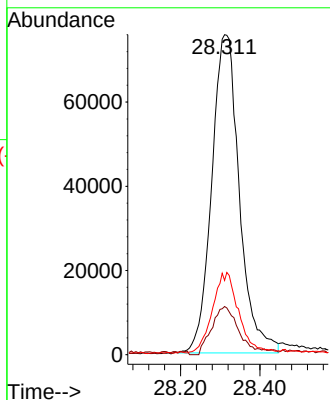
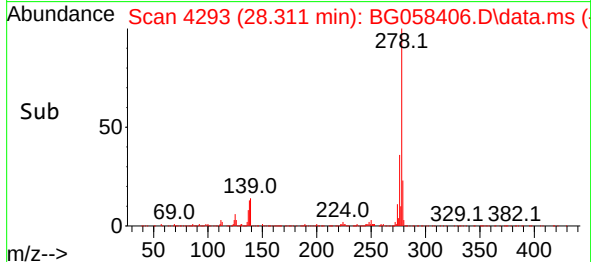
Instrument :  
BNA\_G  
ClientSampleId :  
YBW57MSD



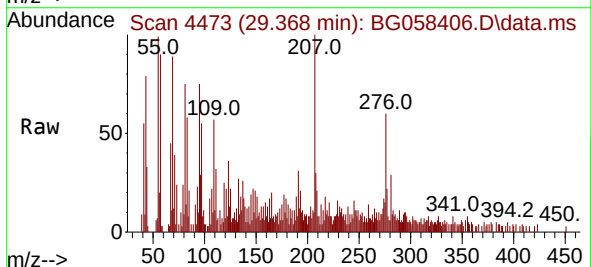
Tgt Ion:278 Resp: 36637  
Ion Ratio Lower Upper  
278 100  
139 15.1 10.4 15.6  
279 23.2 18.4 27.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



#96  
Benzo(g,h,i)perylene  
Concen: 0.888 ng/ul m  
RT: 29.368 min Scan# 4473  
Delta R.T. 0.018 min  
Lab File: BG058406.D  
Acq: 22 Jul 2023 18:09



Tgt Ion:276 Resp: 15942  
Ion Ratio Lower Upper  
276 100  
138 28.9 13.5 20.3#  
277 36.2 19.4 29.2#

