

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122624\  
 Data File : BG063902.D  
 Acq On : 28 Dec 2024 13:28  
 Operator : RC/JU  
 Sample : P5326-02MS 10X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YE680MS

Quant Time: Dec 30 00:49:19 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 12/30/2024  
 Supervised By :mohammad ahmed 12/30/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 83289    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.584 | 136  | 348429   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.444 | 164  | 253244   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.194 | 188  | 596484   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.454 | 240  | 601623   | 20.000 | ng/ul  | # 0.02   |
| 88) Perylene-d12              | 24.474 | 264  | 604776   | 20.000 | ng/ul  | 0.03     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.258  | 96   | 7932     | 3.732  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.669  | 84   | 75802    | 11.306 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.988  | 99   | 89112    | 11.617 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.130  | 67   | 232306   | 43.848 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.335  | 132  | 195514   | 39.369 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.522  | 113  | 166031   | 27.878 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.957  | 128  | 122691   | 49.317 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.674  | 143  | 139381   | 49.981 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.220 | 165  | 260023   | 48.159 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.725 | 131  | 219525   | 32.022 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 852770   | 49.487 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.133 | 160  | 952921   | 48.510 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.679 | 143  | 30234    | 12.383 | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.437 | 176  | 757054   | 49.689 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.578 | 200  | 157671   | 50.911 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.300 | 188  | 1373677  | 53.565 | ng/ul  | 0.01     |
| 81) Pyrene-d10                | 19.597 | 212  | 1645552  | 52.562 | ng/ul  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 24.274 | 264  | 1589301  | 55.960 | ng/ul  | 0.03     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.293  | 88   | 19866    | 7.898  | ng/uL# | 1        |
| 5) Pyridine                   | 3.686  | 79   | 91392    | 12.726 | ng/ul  | 99       |
| 6) Benzaldehyde               | 6.941  | 77   | 164852   | 35.036 | ng/ul  | 94       |
| 8) Phenol                     | 7.012  | 94   | 101690   | 12.439 | ng/ul  | 94       |
| 10) Bis(2-Chloroethyl)ether   | 7.224  | 93   | 278439   | 44.515 | ng/ul  | 96       |
| 12) 2-Chlorophenol            | 7.370  | 128  | 211488   | 42.071 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.252  | 108  | 199697   | 33.797 | ng/ul  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.316  | 45   | 401098   | 43.195 | ng/ul  | 96       |
| 16) Acetophenone              | 8.616  | 105  | 459260   | 45.465 | ng/ul  | 93       |
| 17) N-Nitroso-di-n-propyla... | 8.598  | 70   | 258393   | 42.870 | ng/ul  | 92       |
| 18) 4-Methylphenol            | 8.581  | 108  | 192556   | 29.776 | ng/ul  | 96       |
| 19) Hexachloroethane          | 8.869  | 117  | 73767    | 29.865 | ng/ul  | 89       |
| 22) Nitrobenzene              | 8.998  | 77   | 379922   | 45.732 | ng/ul  | 95       |
| 23) Isophorone                | 9.515  | 82   | 715733   | 45.597 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.709  | 139  | 145238   | 50.676 | ng/ul  | 88       |
| 26) 2,4-Dimethylphenol        | 9.779  | 107  | 271065   | 41.681 | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.997  | 93   | 401396   | 47.279 | ng/ul# | 93       |
| 29) 2,4-Dichlorophenol        | 10.249 | 162  | 258397   | 48.165 | ng/ul  | 99       |
| 30) Naphthalene               | 10.637 | 128  | 750173   | 43.063 | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 10.755 | 127  | 145850   | 22.361 | ng/ul  | 95       |
| 33) Hexachlorobutadiene       | 10.919 | 225  | 153908   | 35.312 | ng/ul  | 94       |
| 34) Caprolactam               | 11.513 | 113  | 16699m   | 9.005  | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.895 | 107  | 275864   | 43.799 | ng/ul  | 94       |
| 36) 2-Methylnaphthalene       | 12.253 | 142  | 565782   | 45.190 | ng/ul  | 98       |

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 Sample : P5326-02MS 10X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YE680MS

Quant Time: Dec 30 00:49:19 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

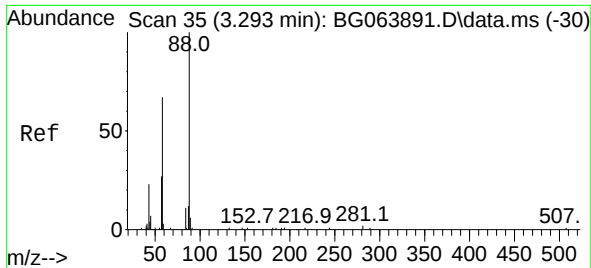
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024  
 Supervised By :mohammad ahmed 12/30/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.476 | 142  | 576450   | 45.201 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.629 | 216  | 353963   | 43.661 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.605 | 237  | 52703    | 16.445 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.876 | 196  | 232040   | 50.641 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.958 | 196  | 240551   | 50.304 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.269 | 154  | 812836   | 48.670 | ng/ul  | 95       |
| 44) 2-Chloronaphthalene       | 13.310 | 162  | 636224   | 47.440 | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 13.522 | 65   | 246957   | 54.974 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 13.898 | 163  | 865205   | 50.098 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.027 | 165  | 179540   | 55.976 | ng/ul# | 86       |
| 50) Acenaphthylene            | 14.162 | 152  | 1028957  | 48.852 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.356 | 138  | 167106   | 56.351 | ng/ul  | 87       |
| 52) Acenaphthene              | 14.509 | 153  | 724970   | 48.561 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.580 | 184  | 80388    | 49.043 | ng/ul  | 92       |
| 55) 4-Nitrophenol             | 14.697 | 109  | 29766    | 11.741 | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.844 | 168  | 1066380  | 50.665 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.820 | 165  | 271907   | 57.052 | ng/ul  | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.085 | 232  | 212062   | 51.446 | ng/ul# | 90       |
| 59) Diethylphthalate          | 15.267 | 149  | 876819   | 52.518 | ng/ul  | 97       |
| 61) Fluorene                  | 15.496 | 166  | 845962   | 50.336 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.490 | 204  | 445144   | 47.543 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.526 | 138  | 192415   | 64.812 | ng/ul  | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.596 | 198  | 167065   | 52.363 | ng/ul  | 92       |
| 67) N-Nitrosodiphenylamine    | 15.708 | 169  | 749620   | 51.898 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.383 | 248  | 309796   | 50.962 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.513 | 284  | 348010   | 51.097 | ng/ul  | 93       |
| 70) Atrazine                  | 16.660 | 200  | 321808   | 52.706 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.859 | 266  | 141697m  | 49.344 | ng/ul  |          |
| 72) Phenanthrene              | 17.241 | 178  | 1587538  | 55.230 | ng/ul  | 98       |
| 74) Anthracene                | 17.335 | 178  | 1616489  | 55.562 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.240 | 216  | 352899   | 44.343 | ng/ul  | 95       |
| 76) Pentachlorobenzene        | 14.768 | 250  | 375792   | 47.664 | ng/ul  | 99       |
| 77) Carbazole                 | 17.605 | 167  | 1441711  | 61.219 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.164 | 149  | 1721485  | 60.528 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.262 | 202  | 1948504  | 54.759 | ng/ul  | 97       |
| 82) Pyrene                    | 19.627 | 202  | 2055051  | 54.283 | ng/ul# | 93       |
| 83) Butylbenzylphthalate      | 20.520 | 149  | 746785   | 64.260 | ng/ul  | 95       |
| 84) 3,3'-Dichlorobenzidine    | 21.354 | 252  | 571367   | 52.609 | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.436 | 228  | 1985020  | 52.647 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.348 | 149  | 1096811  | 64.880 | ng/ul  | 99       |
| 87) Chrysene                  | 21.495 | 228  | 1882547  | 52.386 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.482 | 149  | 1872538  | 71.735 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.522 | 252  | 1921539  | 55.903 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.587 | 252  | 1982119  | 57.810 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.339 | 252  | 1799182  | 55.766 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.893 | 276  | 2279909  | 57.864 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 27.940 | 278  | 1839906  | 58.359 | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 28.957 | 276  | 1781847  | 56.990 | ng/ul  | 96       |

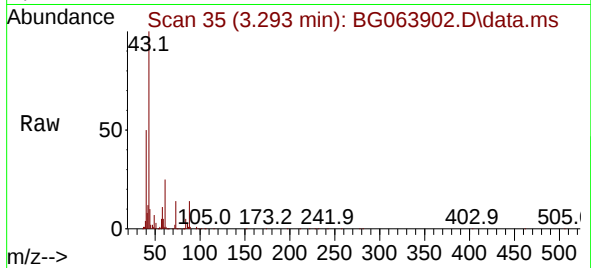
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 7.898 ng/uL  
RT: 3.293 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

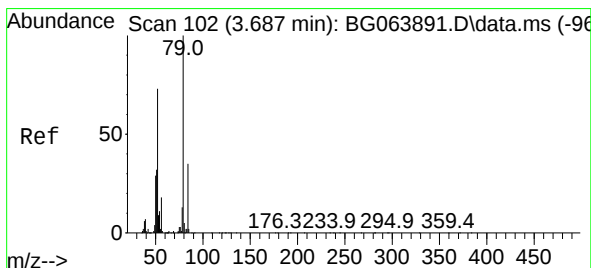
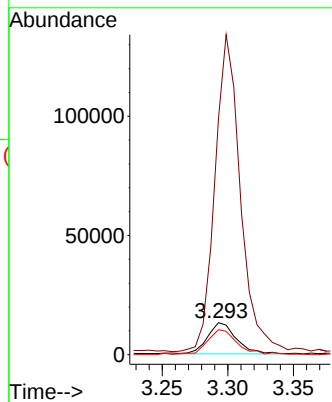
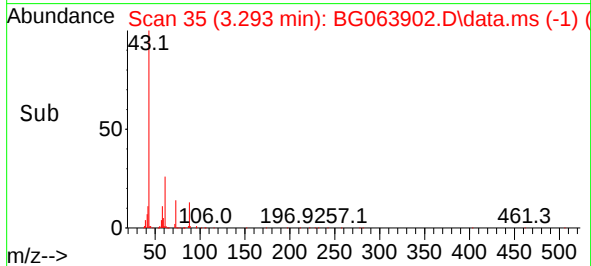
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



Tgt Ion: 88 Resp: 1986  
Ion Ratio Lower Upper  
88 100  
43 736.0 20.9 31.3  
58 78.0 57.7 86.5

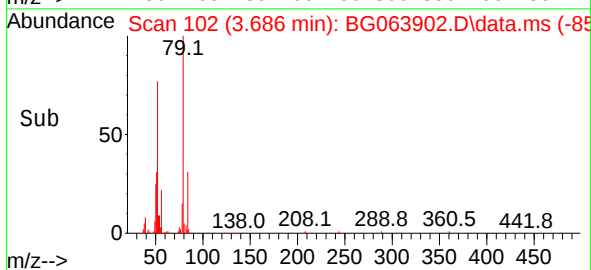
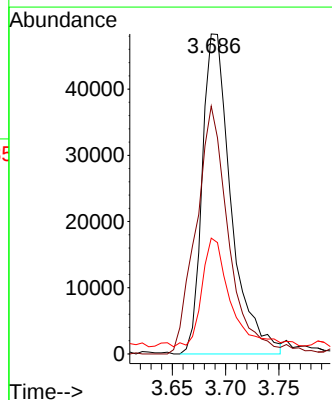
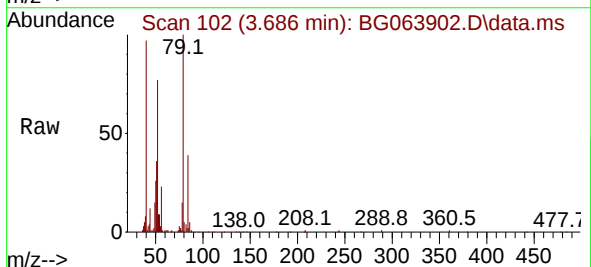
Manual Integrations  
APPROVED

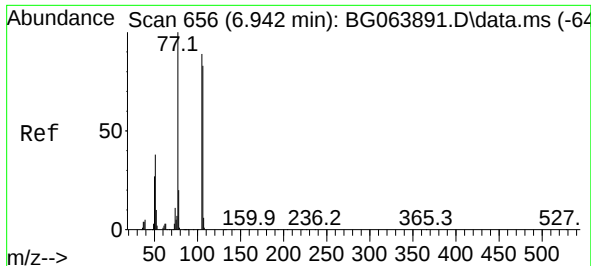
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#5  
Pyridine  
Concen: 12.726 ng/uL  
RT: 3.686 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

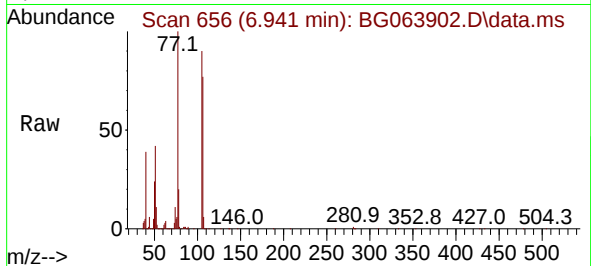
Tgt Ion: 79 Resp: 91392  
Ion Ratio Lower Upper  
79 100  
52 77.4 60.9 91.3  
51 36.2 29.5 44.3





#6  
Benzaldehyde  
Concen: 35.036 ng/ul  
RT: 6.941 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

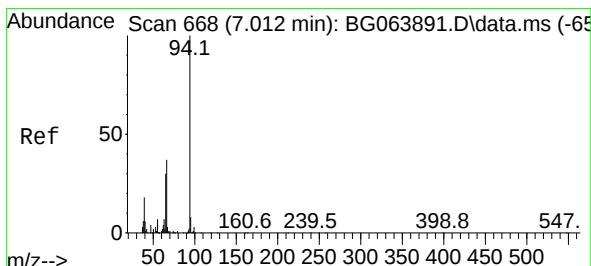
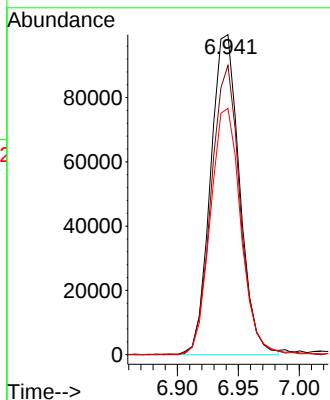
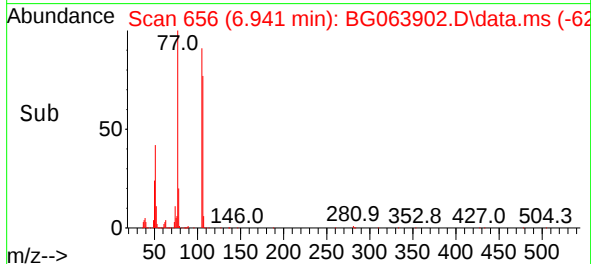
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



Tgt Ion: 77 Resp: 164852  
Ion Ratio Lower Upper  
77 100  
105 90.4 65.2 97.8  
106 76.9 61.0 91.4

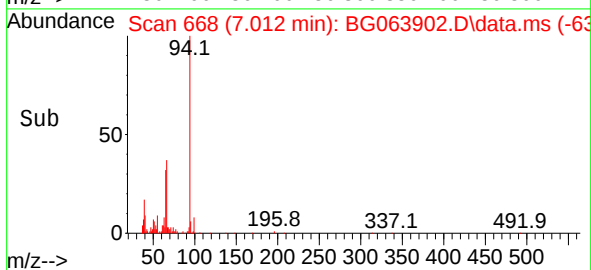
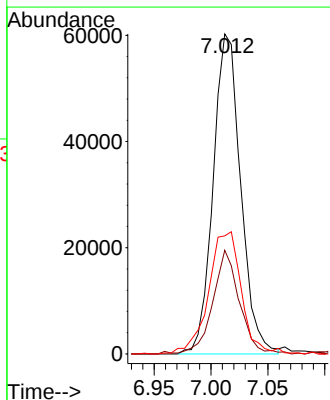
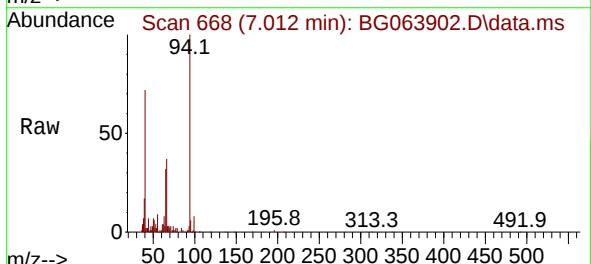
Manual Integrations  
APPROVED

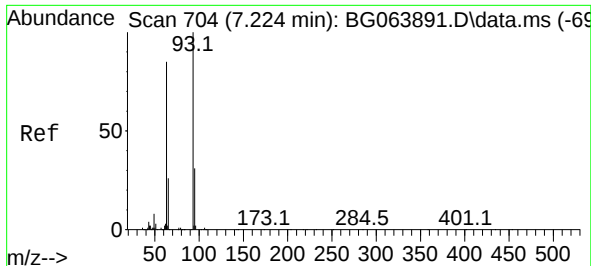
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#8  
Phenol  
Concen: 12.439 ng/ul  
RT: 7.012 min Scan# 668  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

Tgt Ion: 94 Resp: 101690  
Ion Ratio Lower Upper  
94 100  
65 32.4 25.6 38.4  
66 36.9 34.2 51.2





#10

Bis(2-Chloroethyl)ether

Concen: 44.515 ng/ul

RT: 7.224 min Scan# 704

Delta R.T. -0.000 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion: 93 Resp: 278439

Ion Ratio Lower Upper

93 100

63 82.0 63.8 95.6

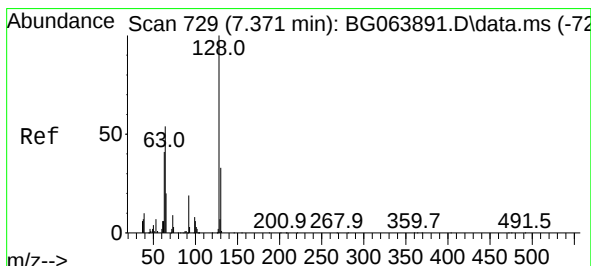
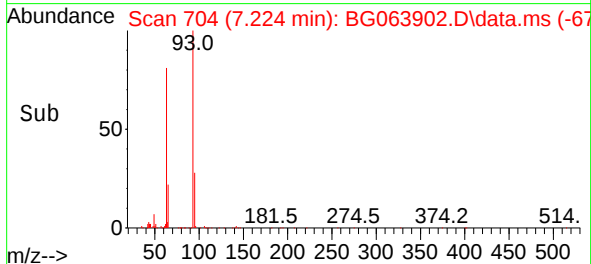
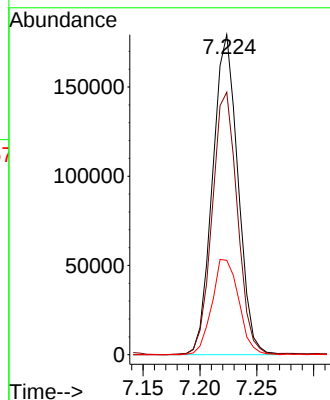
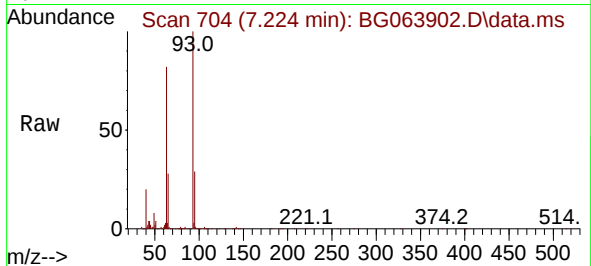
95 29.5 27.6 41.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#12

2-Chlorophenol

Concen: 42.071 ng/ul

RT: 7.370 min Scan# 729

Delta R.T. -0.000 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

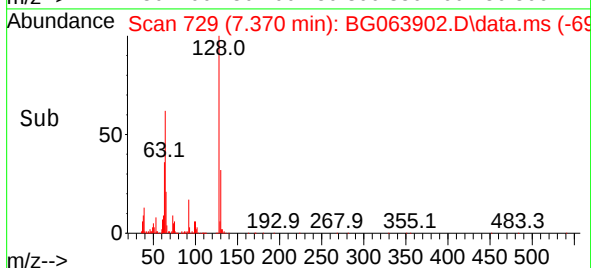
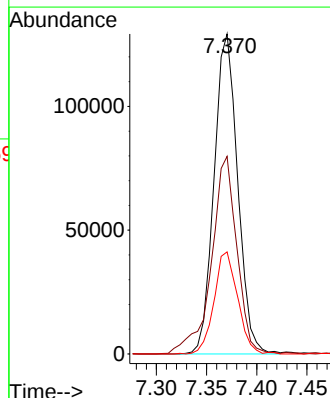
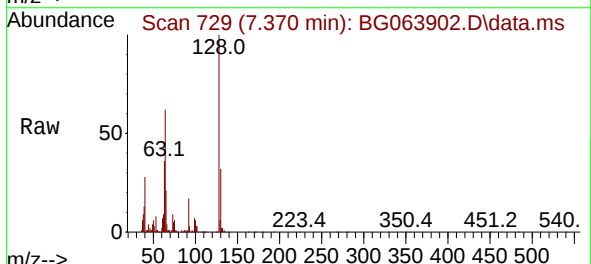
Tgt Ion:128 Resp: 211488

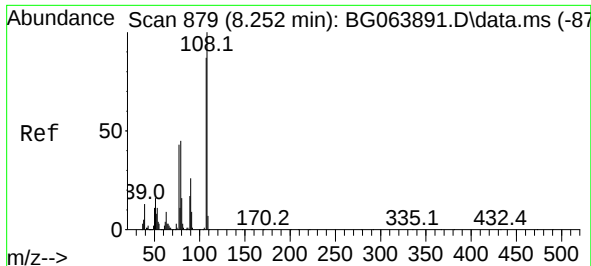
Ion Ratio Lower Upper

128 100

64 61.8 48.9 73.3

130 31.9 24.2 36.2





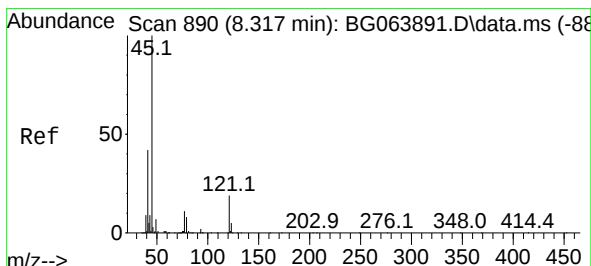
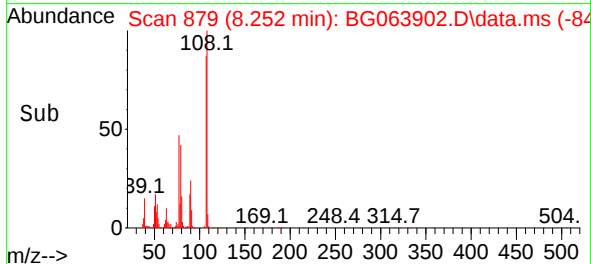
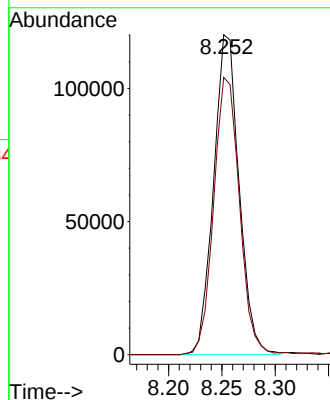
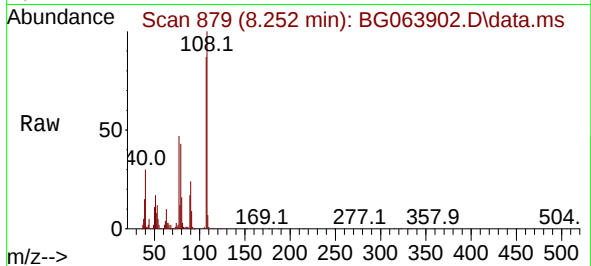
#13  
2-Methylphenol  
Concen: 33.797 ng/ul  
RT: 8.252 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS

Tgt Ion:108 Resp: 19969  
Ion Ratio Lower Upper  
108 100  
107 86.7 72.6 108.8

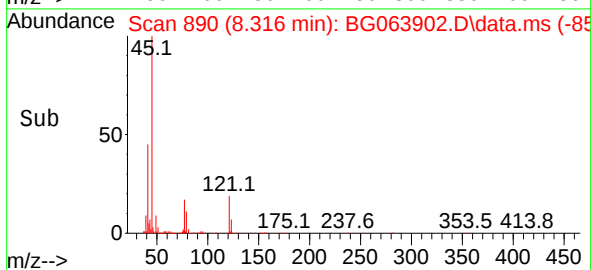
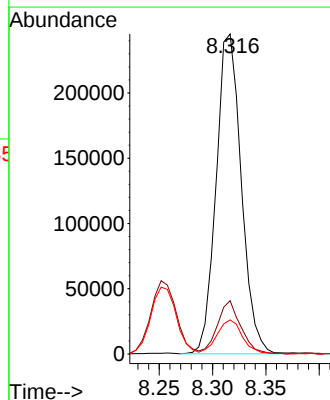
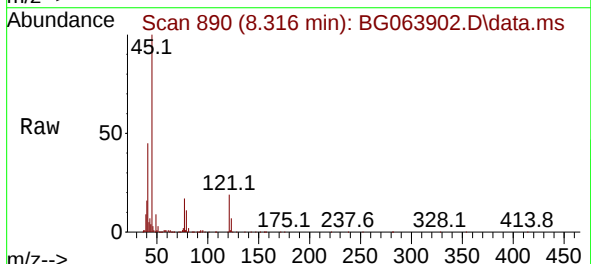
Manual Integrations  
APPROVED

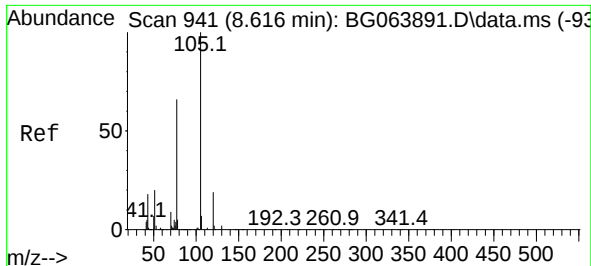
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.195 ng/ul  
RT: 8.316 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

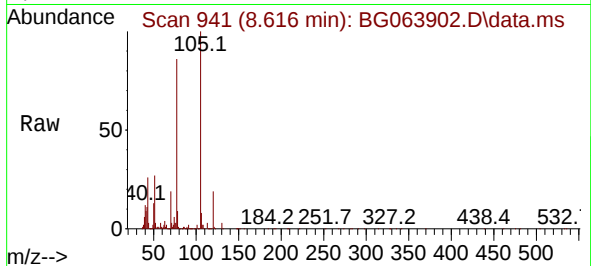
Tgt Ion: 45 Resp: 401098  
Ion Ratio Lower Upper  
45 100  
77 16.6 11.5 17.3  
79 10.7 9.2 13.8





#16  
Acetophenone  
Concen: 45.465 ng/ul  
RT: 8.616 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

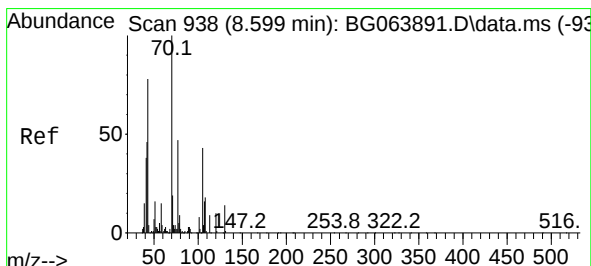
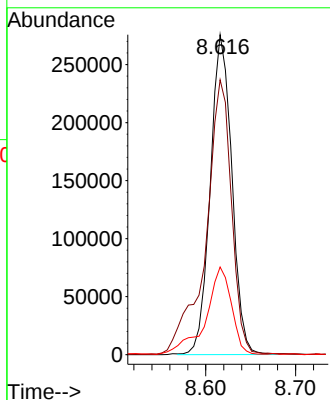
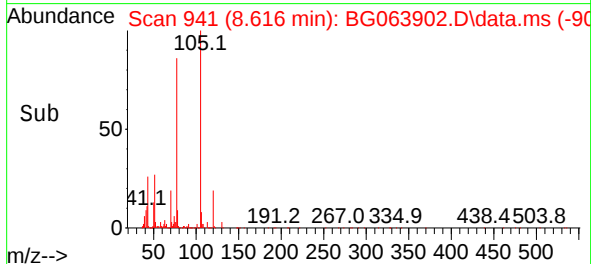
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



Tgt Ion:105 Resp: 459260  
Ion Ratio Lower Upper  
105 100  
77 85.9 73.6 110.4  
51 27.4 25.4 38.2

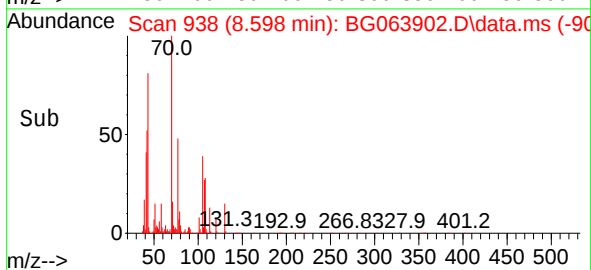
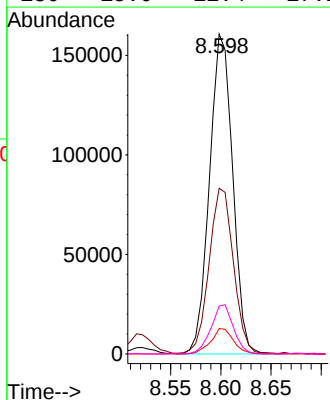
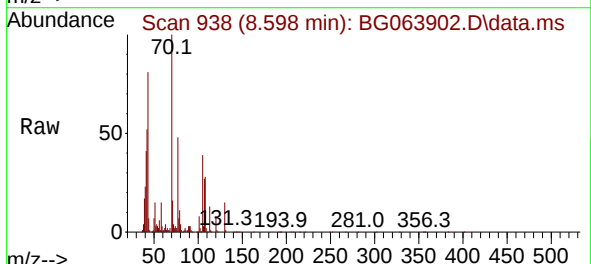
Manual Integrations  
APPROVED

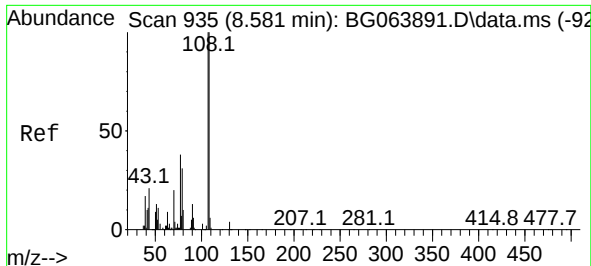
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 42.870 ng/ul  
RT: 8.598 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

Tgt Ion: 70 Resp: 258393  
Ion Ratio Lower Upper  
70 100  
42 51.8 47.4 71.0  
101 8.0 6.1 9.1  
130 15.0 11.4 17.2





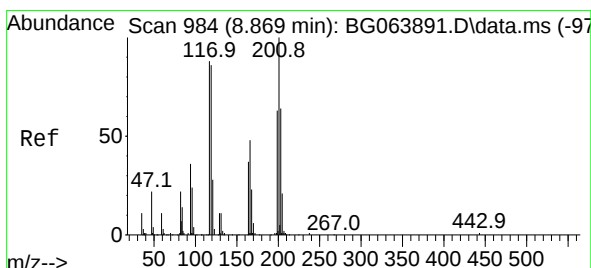
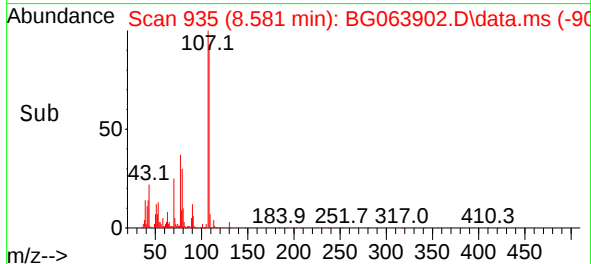
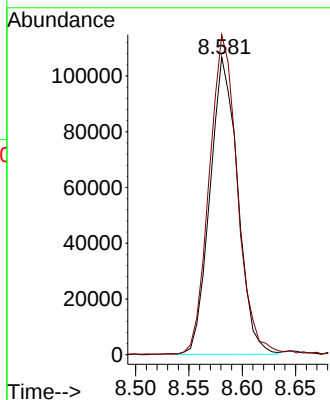
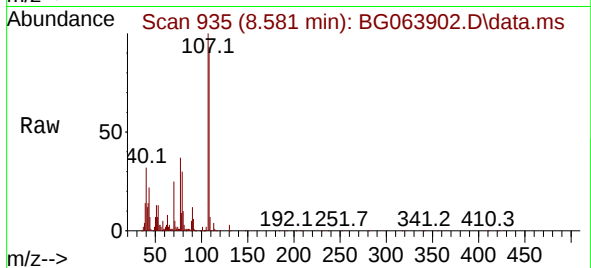
#18  
4-Methylphenol  
Concen: 29.776 ng/ul  
RT: 8.581 min Scan# 935  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS

Tgt Ion:108 Resp: 192550  
Ion Ratio Lower Upper  
108 100  
107 107.5 89.2 133.8

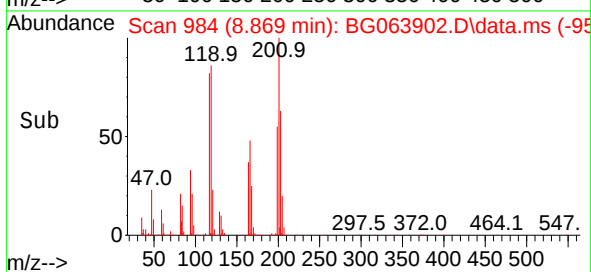
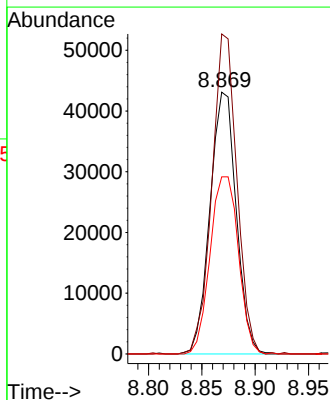
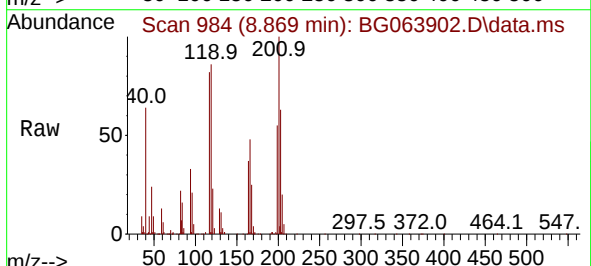
Manual Integrations  
APPROVED

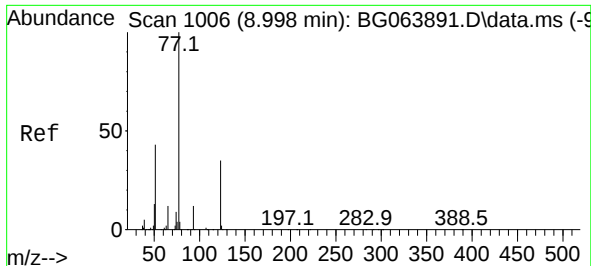
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#19  
Hexachloroethane  
Concen: 29.865 ng/ul  
RT: 8.869 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

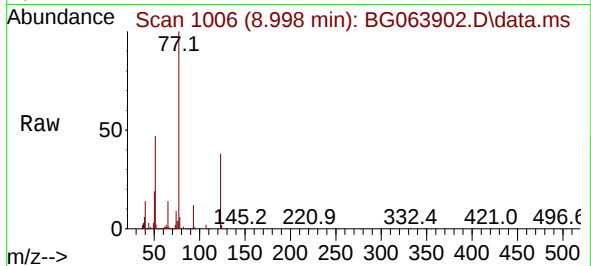
Tgt Ion:117 Resp: 73767  
Ion Ratio Lower Upper  
117 100  
201 122.3 86.8 130.2  
199 67.7 59.4 89.2





#22  
Nitrobenzene  
Concen: 45.732 ng/ul  
RT: 8.998 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

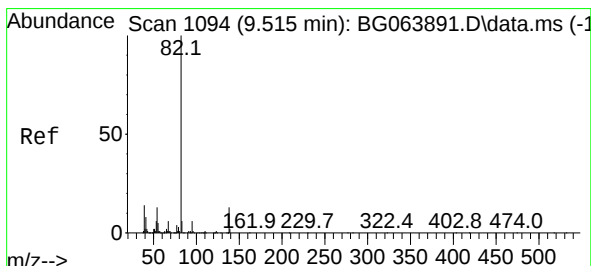
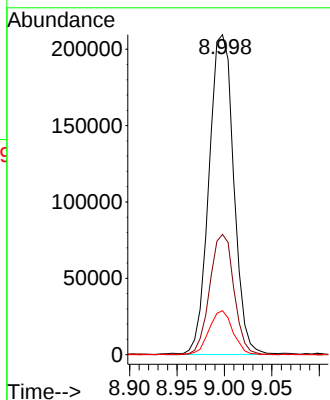
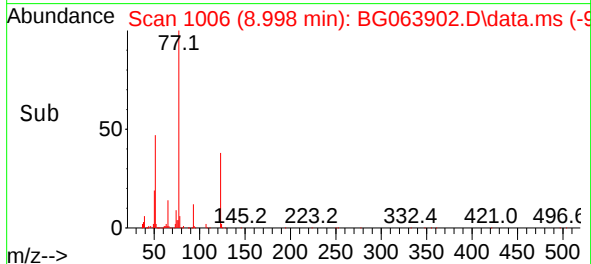
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



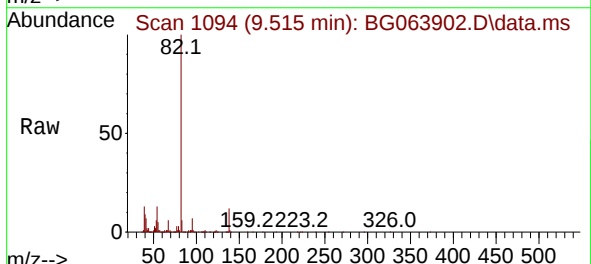
Tgt Ion: 77 Resp: 37992  
Ion Ratio Lower Upper  
77 100  
123 37.6 27.0 40.4  
65 13.7 10.8 16.2

Manual Integrations  
APPROVED

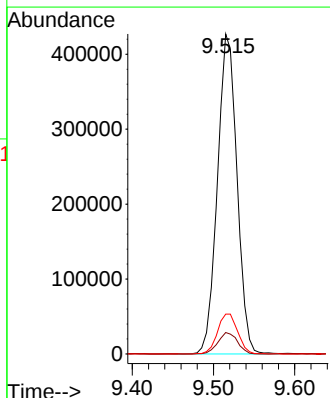
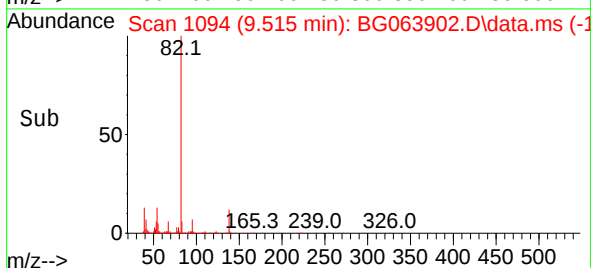
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024

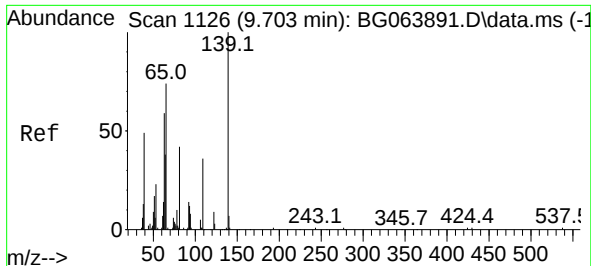


#23  
Isophorone  
Concen: 45.597 ng/ul  
RT: 9.515 min Scan# 1094  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28



Tgt Ion: 82 Resp: 715733  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.8 8.6  
138 12.5 10.3 15.5





#25

2-Nitrophenol

Concen: 50.676 ng/ul

RT: 9.709 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:139 Resp: 145238

Ion Ratio Lower Upper

139 100

65 63.0 62.2 93.2

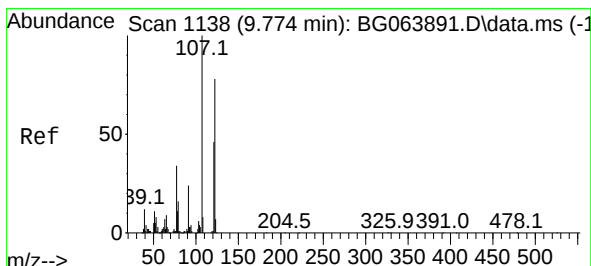
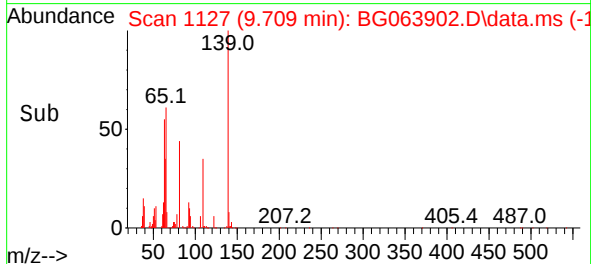
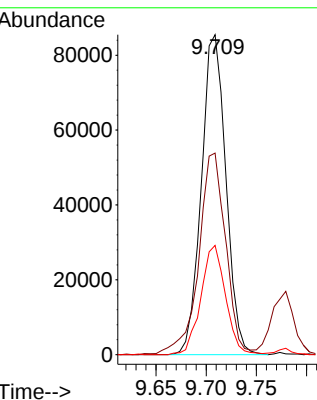
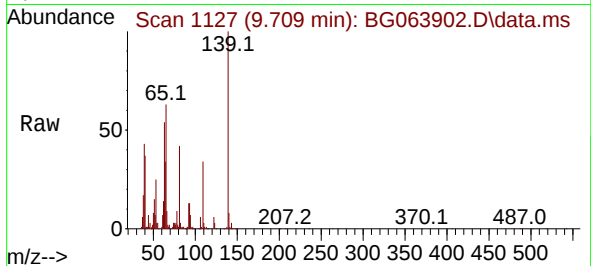
109 34.1 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#26

2,4-Dimethylphenol

Concen: 41.681 ng/ul

RT: 9.779 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

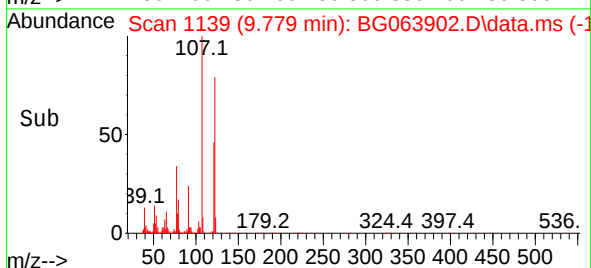
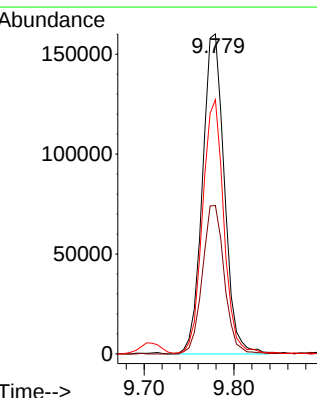
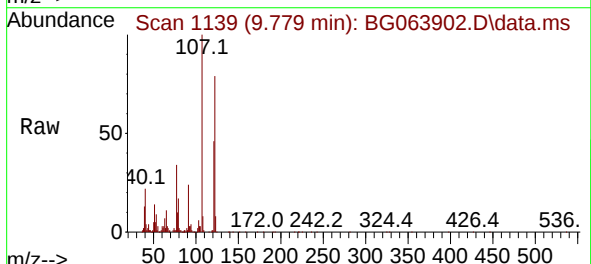
Tgt Ion:107 Resp: 271065

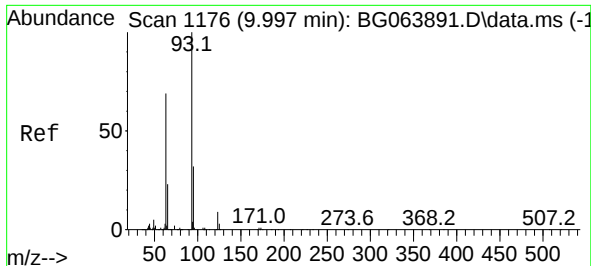
Ion Ratio Lower Upper

107 100

121 46.4 38.4 57.6

122 79.5 61.8 92.8





#27

Bis(2-Chloroethoxy)methane

Concen: 47.279 ng/ul

RT: 9.997 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion: 93 Resp: 401390

Ion Ratio Lower Upper

93 100

95 33.2 23.5 35.3

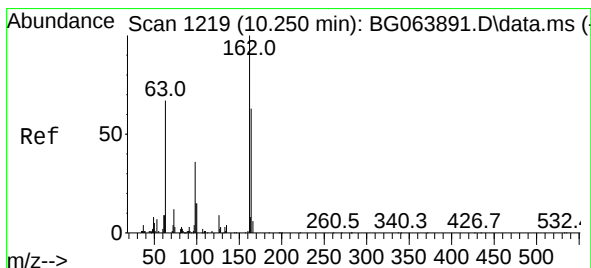
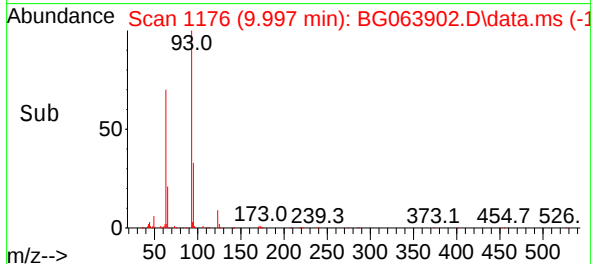
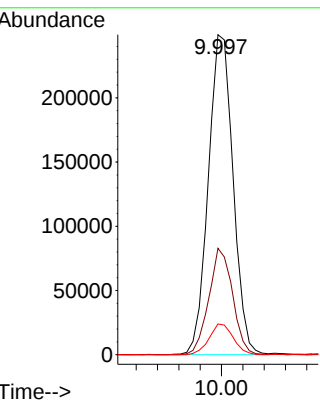
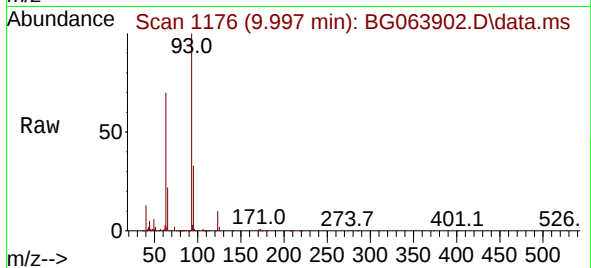
123 9.6 6.2 9.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#29

2,4-Dichlorophenol

Concen: 48.165 ng/ul

RT: 10.249 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

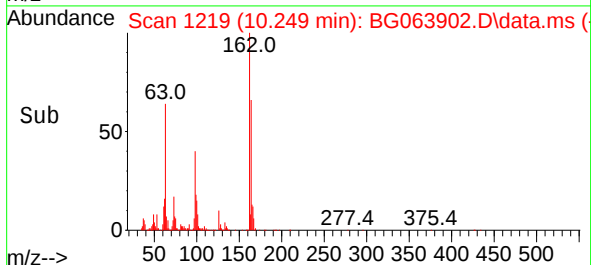
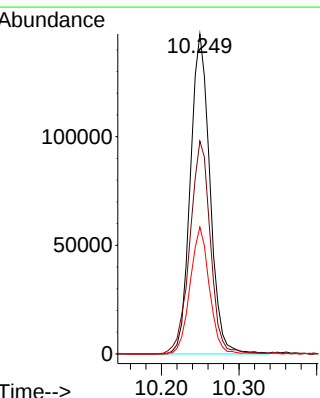
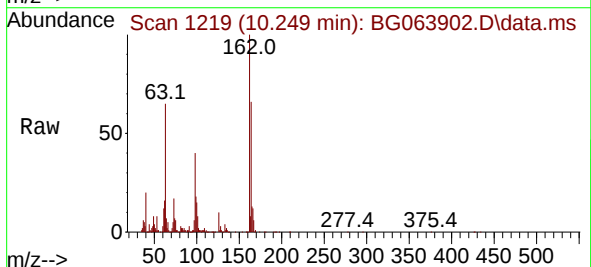
Tgt Ion:162 Resp: 258397

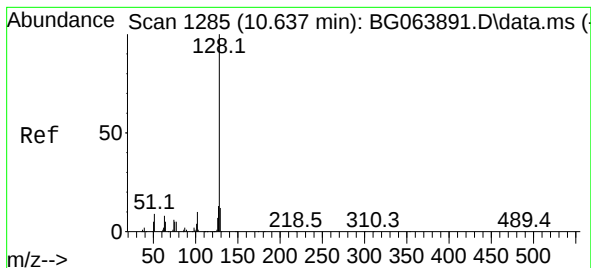
Ion Ratio Lower Upper

162 100

164 66.5 53.0 79.4

98 39.6 33.0 49.6





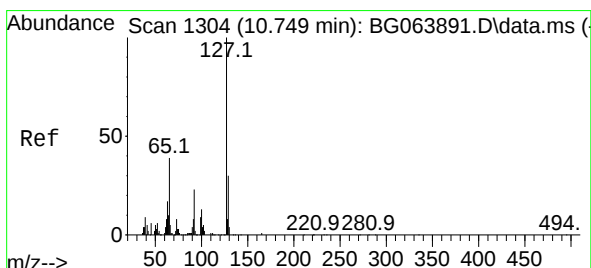
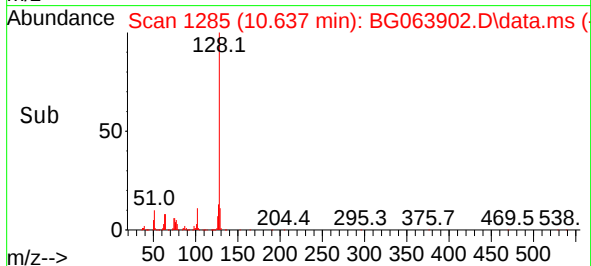
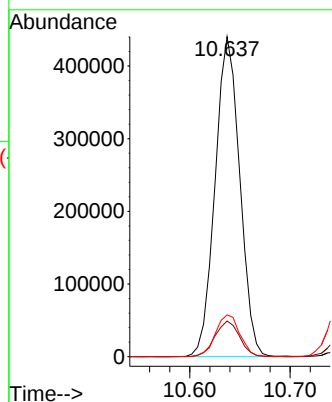
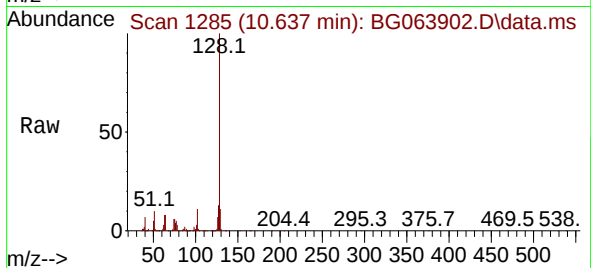
#30  
Naphthalene  
Concen: 43.063 ng/ul  
RT: 10.637 min Scan# 1285  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS

Tgt Ion:128 Resp: 75017  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.2 12.2  
127 13.1 9.8 14.8

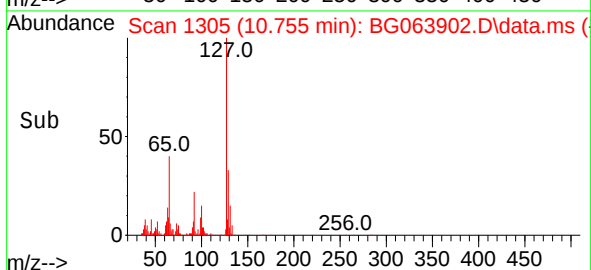
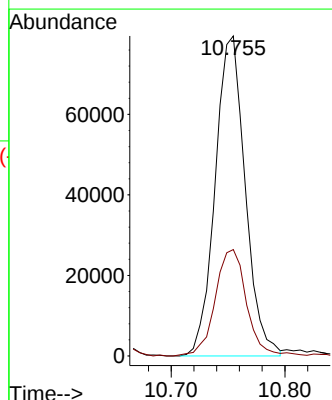
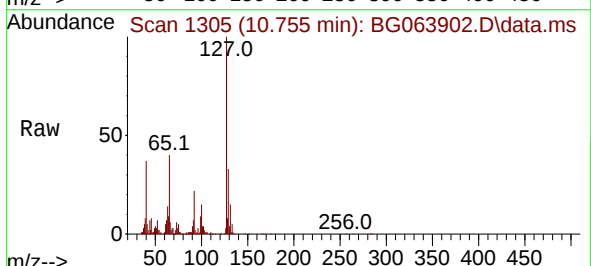
Manual Integrations  
APPROVED

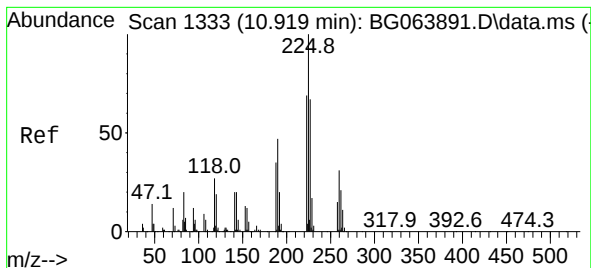
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#32  
4-Chloroaniline  
Concen: 22.361 ng/ul  
RT: 10.755 min Scan# 1305  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

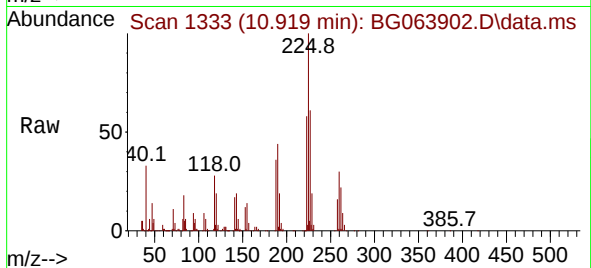
Tgt Ion:127 Resp: 145850  
Ion Ratio Lower Upper  
127 100  
129 33.2 24.5 36.7





#33  
Hexachlorobutadiene  
Concen: 35.312 ng/ul  
RT: 10.919 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

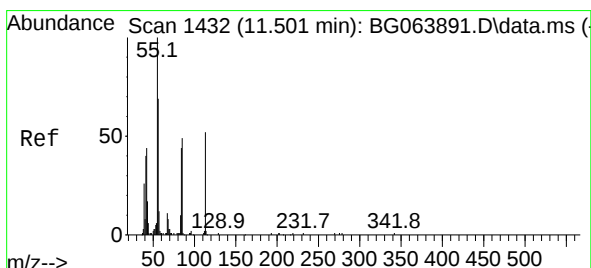
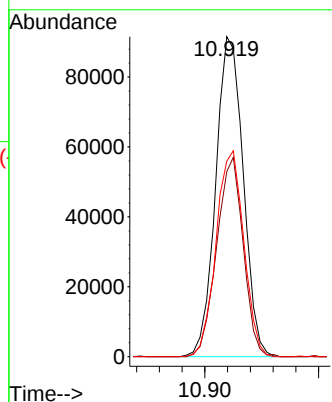
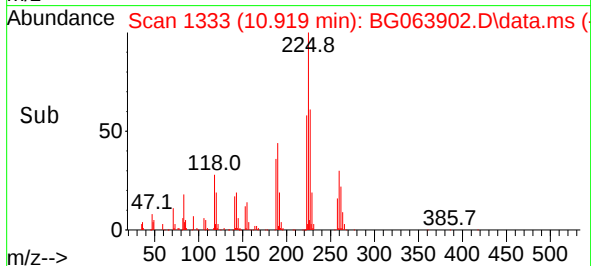
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



Tgt Ion:225 Resp: 153908  
Ion Ratio Lower Upper  
225 100  
223 57.8 51.2 76.8  
227 61.0 51.1 76.7

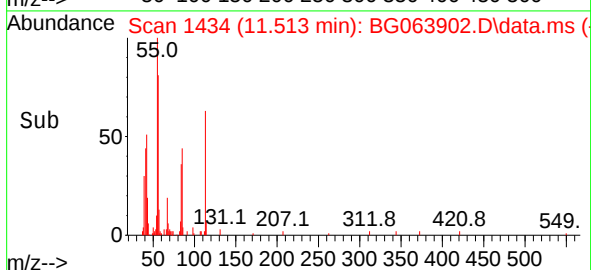
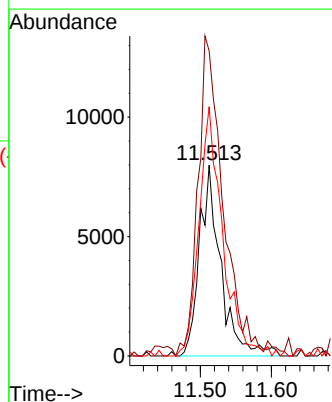
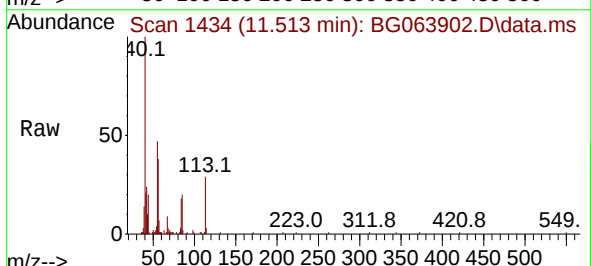
Manual Integrations  
APPROVED

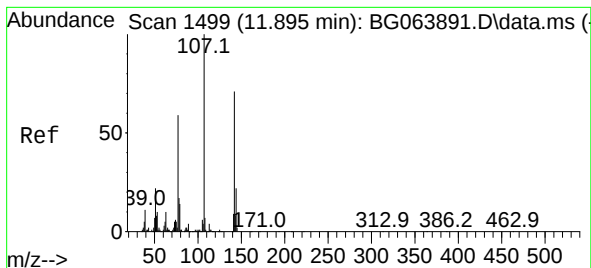
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#34  
Caprolactam  
Concen: 9.005 ng/ul m  
RT: 11.513 min Scan# 1434  
Delta R.T. 0.017 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

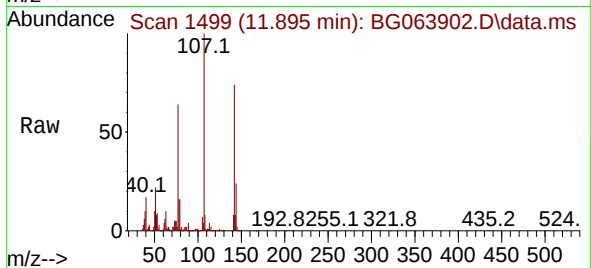
Tgt Ion:113 Resp: 16699  
Ion Ratio Lower Upper  
113 100  
55 159.8 162.3 243.5#  
56 130.7 107.1 160.7





#35  
4-Chloro-3-methylphenol  
Concen: 43.799 ng/ul  
RT: 11.895 min Scan# 1499  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

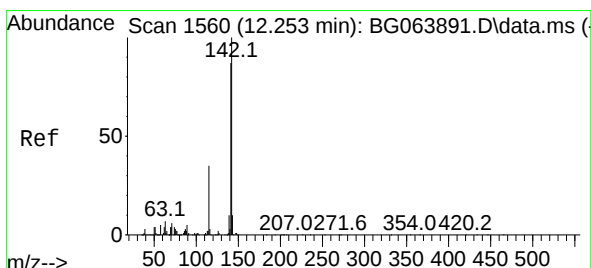
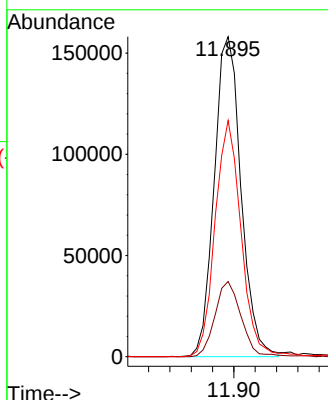
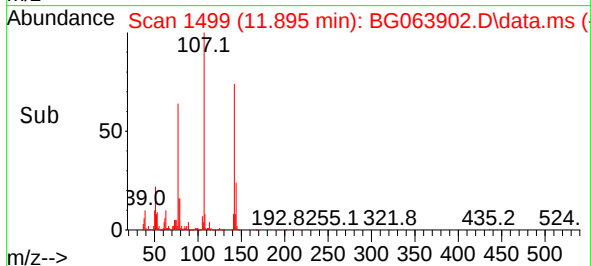
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



Tgt Ion:107 Resp: 275864  
Ion Ratio Lower Upper  
107 100  
144 23.5 16.3 24.5  
142 73.8 55.0 82.4

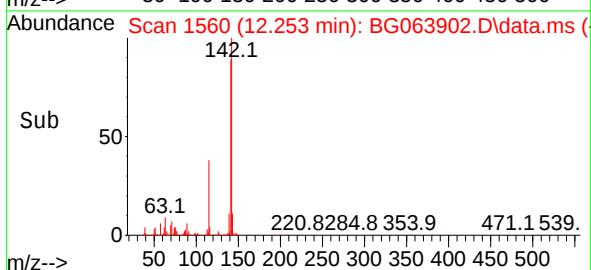
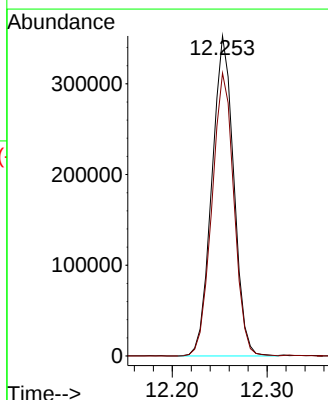
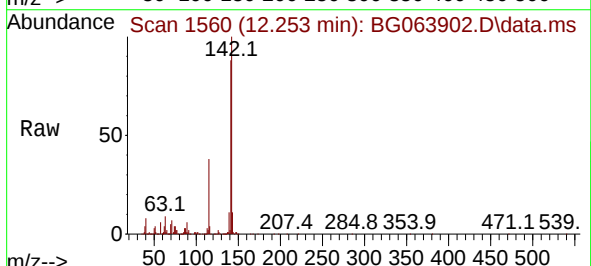
Manual Integrations  
APPROVED

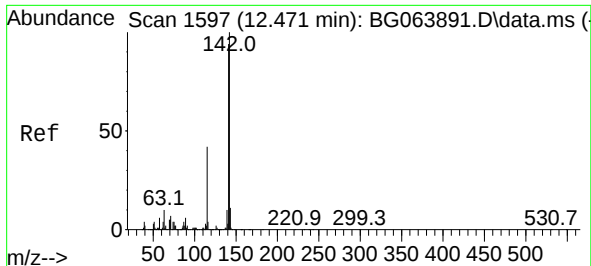
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#36  
2-Methylnaphthalene  
Concen: 45.190 ng/ul  
RT: 12.253 min Scan# 1560  
Delta R.T. -0.000 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

Tgt Ion:142 Resp: 565782  
Ion Ratio Lower Upper  
142 100  
141 88.4 69.5 104.3





#37

1-Methylnaphthalene

Concen: 45.201 ng/ul

RT: 12.476 min Scan# 1597

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:142 Resp: 576450

Ion Ratio Lower Upper

142 100

141 93.4 73.8 110.6

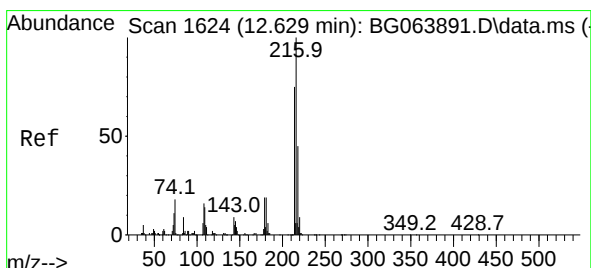
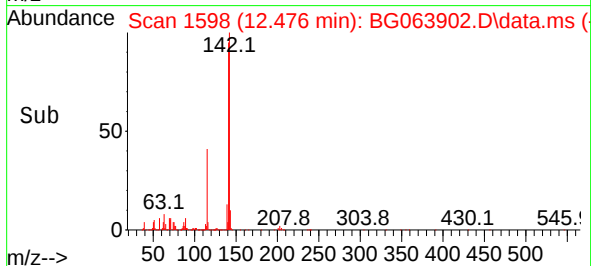
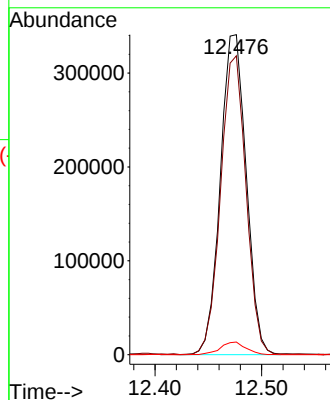
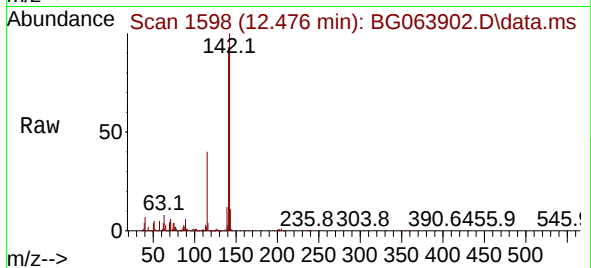
116 4.0 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.661 ng/ul

RT: 12.629 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Tgt Ion:216 Resp: 353963

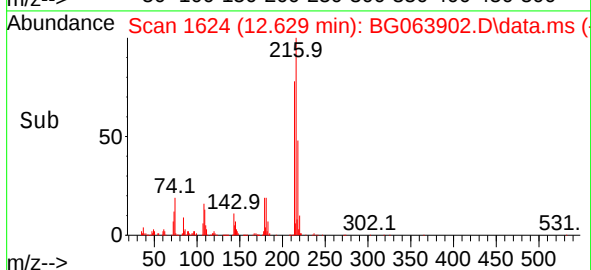
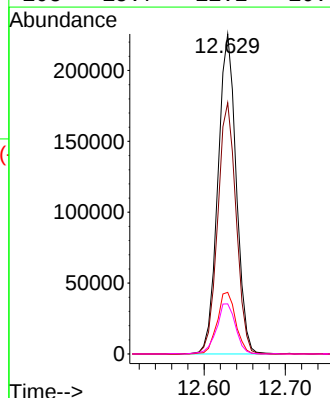
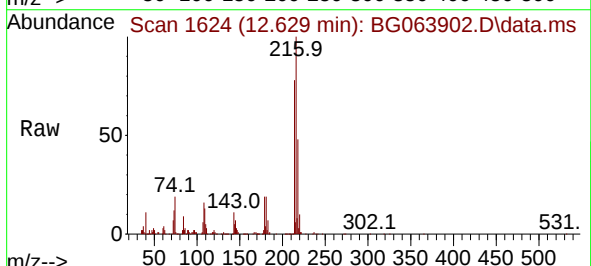
Ion Ratio Lower Upper

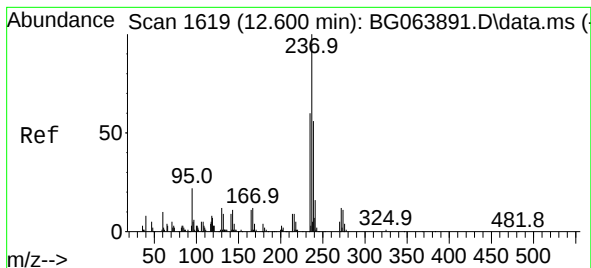
216 100

214 78.5 62.6 93.8

179 19.3 16.5 24.7

108 15.7 11.2 16.8





#40

Hexachlorocyclopentadiene

Concen: 16.445 ng/ul

RT: 12.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:237 Resp: 52700

Ion Ratio Lower Upper

237 100

235 66.5 51.0 76.6

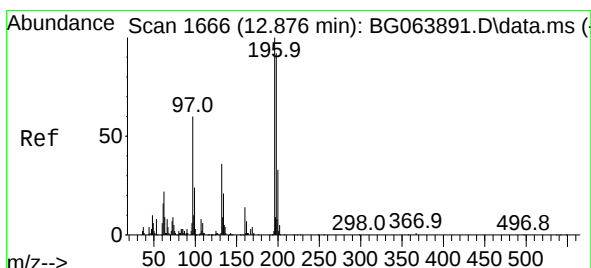
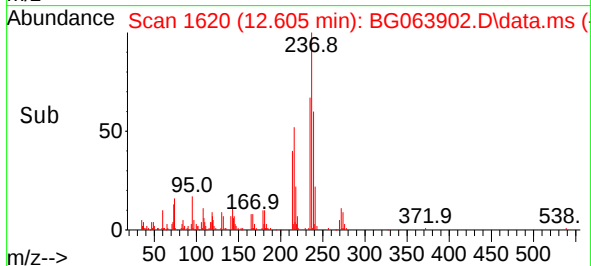
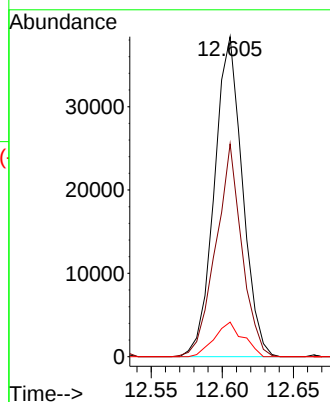
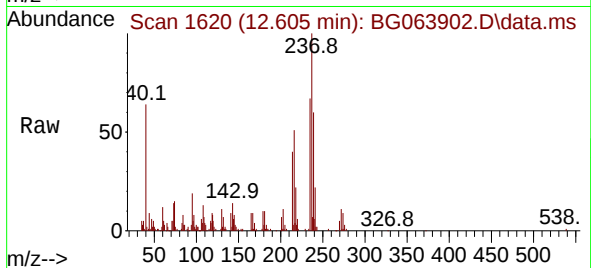
272 10.8 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#41

2,4,6-Trichlorophenol

Concen: 50.641 ng/ul

RT: 12.876 min Scan# 1666

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

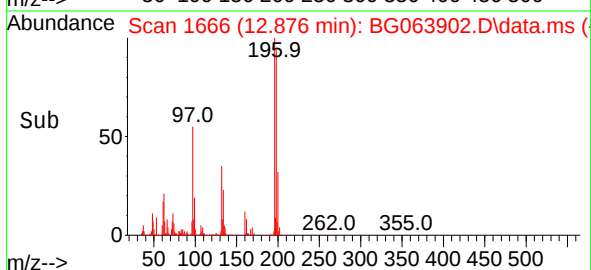
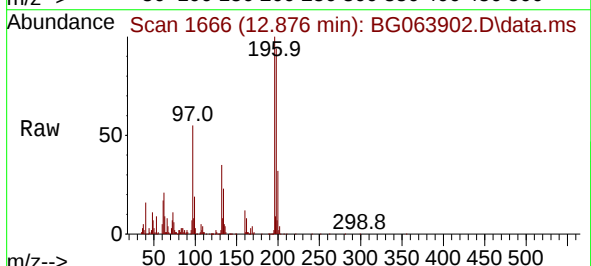
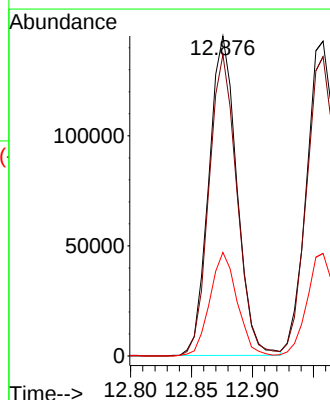
Tgt Ion:196 Resp: 232040

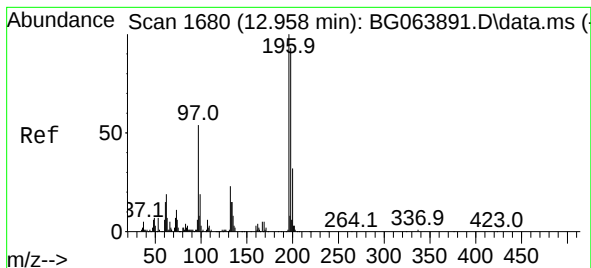
Ion Ratio Lower Upper

196 100

198 94.1 72.4 108.6

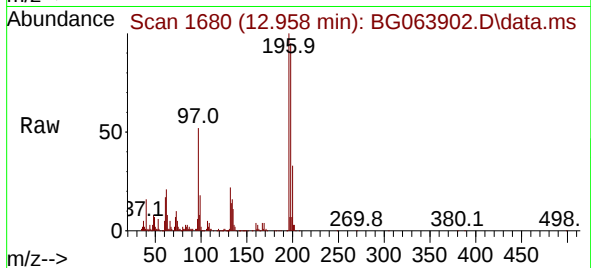
200 32.4 22.5 33.7





#42  
2,4,5-Trichlorophenol  
Concen: 50.304 ng/ul  
RT: 12.958 min Scan# 1680  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

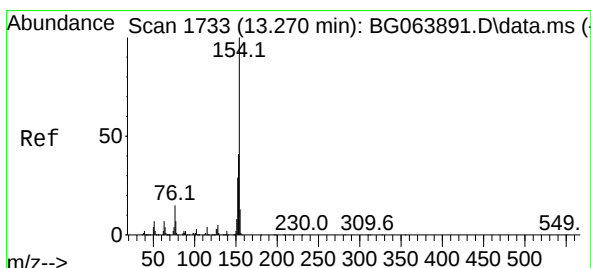
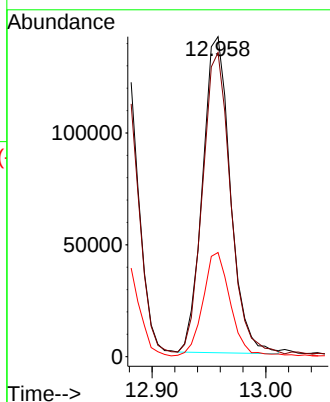
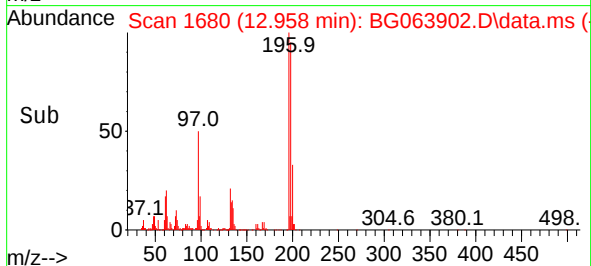
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



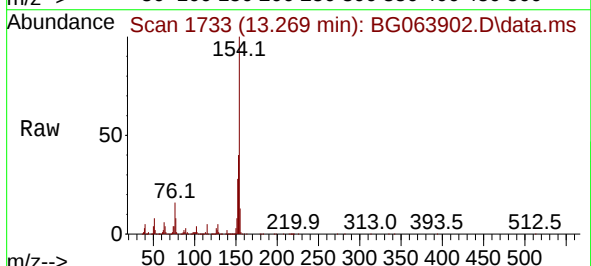
Tgt Ion:196 Resp: 24055  
Ion Ratio Lower Upper  
196 100  
198 95.0 74.2 111.4  
200 32.6 23.5 35.3

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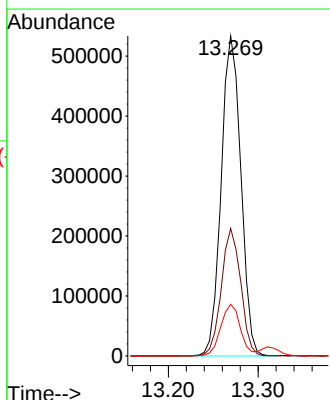
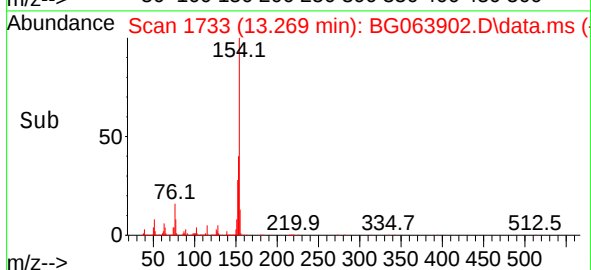
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024

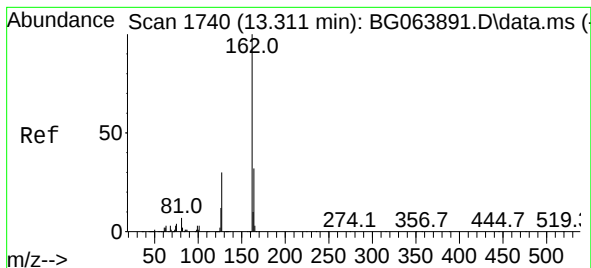


#43  
1,1'-Biphenyl  
Concen: 48.670 ng/ul  
RT: 13.269 min Scan# 1733  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28



Tgt Ion:154 Resp: 812836  
Ion Ratio Lower Upper  
154 100  
153 39.8 35.1 52.7  
76 16.2 13.4 20.2





#44

2-Chloronaphthalene

Concen: 47.440 ng/ul

RT: 13.310 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

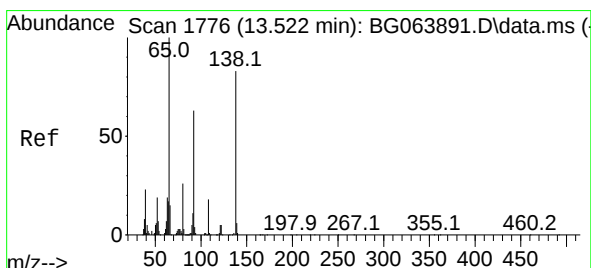
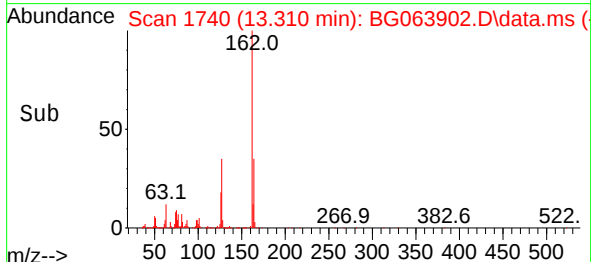
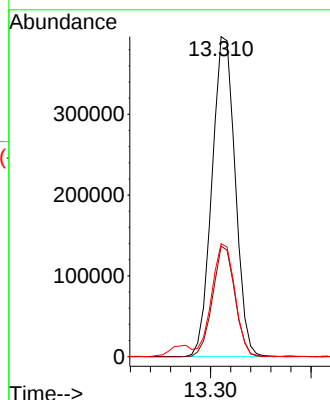
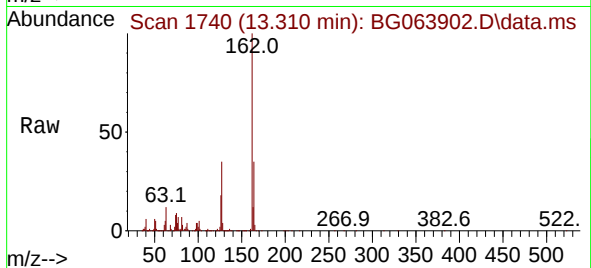
|             |                |
|-------------|----------------|
| Tgt Ion:162 | Resp: 636224   |
| Ion Ratio   | Lower Upper    |
| 162         | 100            |
| 164         | 34.5 25.2 37.8 |
| 127         | 35.3 29.2 43.8 |

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#45

2-Nitroaniline

Concen: 54.974 ng/ul

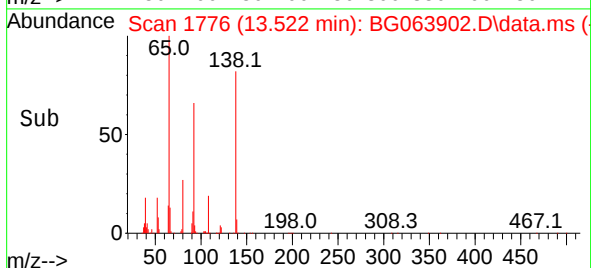
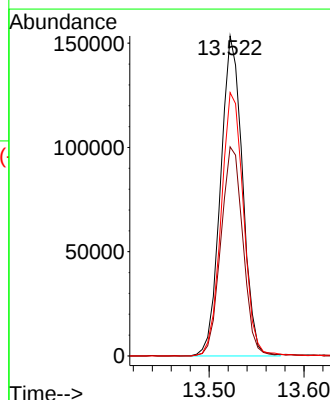
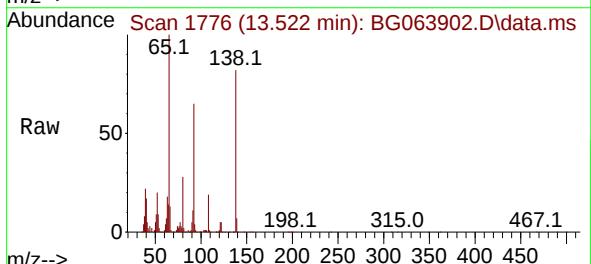
RT: 13.522 min Scan# 1776

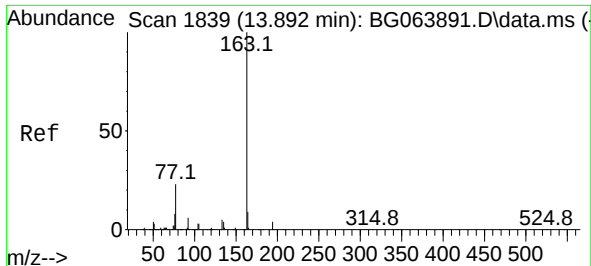
Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

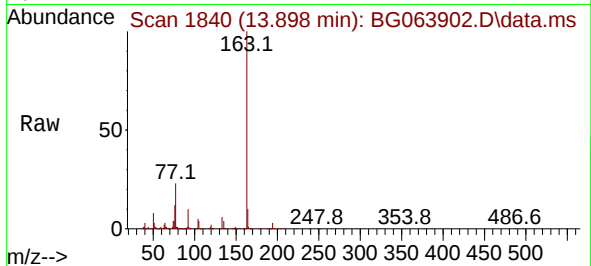
|             |                |
|-------------|----------------|
| Tgt Ion: 65 | Resp: 246957   |
| Ion Ratio   | Lower Upper    |
| 65          | 100            |
| 92          | 65.4 49.5 74.3 |
| 138         | 82.3 61.8 92.8 |





#47  
Dimethylphthalate  
Concen: 50.098 ng/ul  
RT: 13.898 min Scan# 1840  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

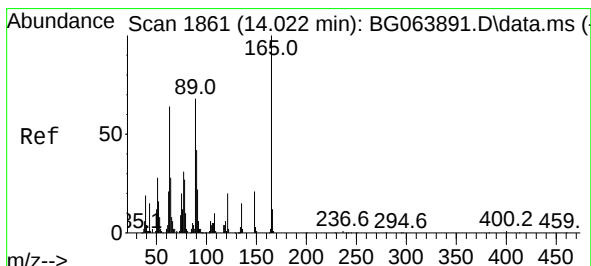
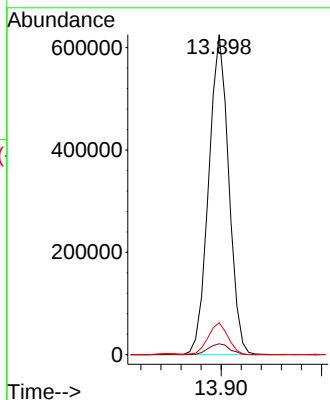
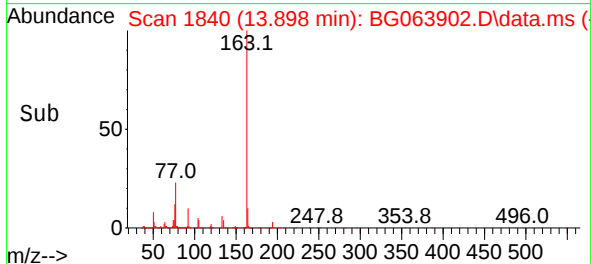
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



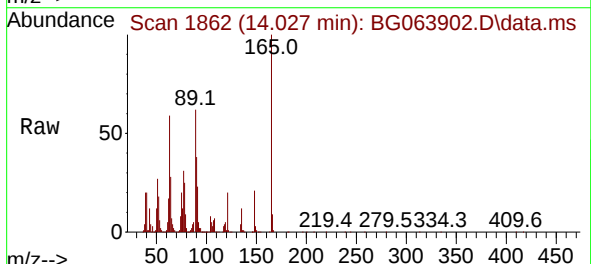
Tgt Ion:163 Resp: 865209  
Ion Ratio Lower Upper  
163 100  
194 3.4 3.0 4.4  
164 10.0 8.8 13.2

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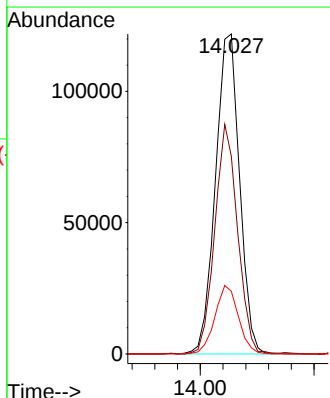
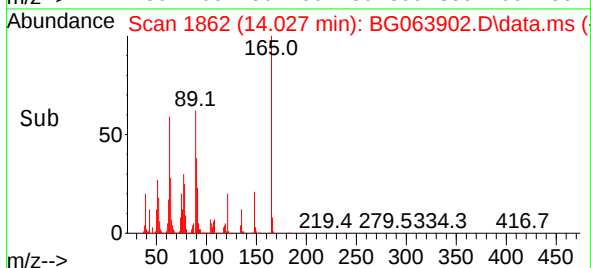
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024

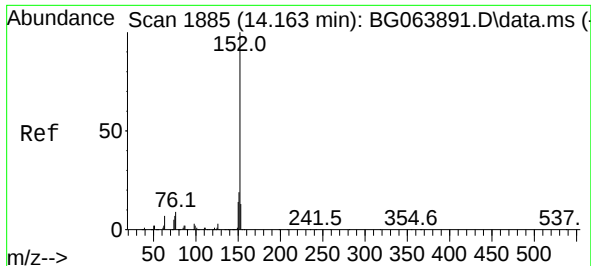


#48  
2,6-Dinitrotoluene  
Concen: 55.976 ng/ul  
RT: 14.027 min Scan# 1862  
Delta R.T. 0.011 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28



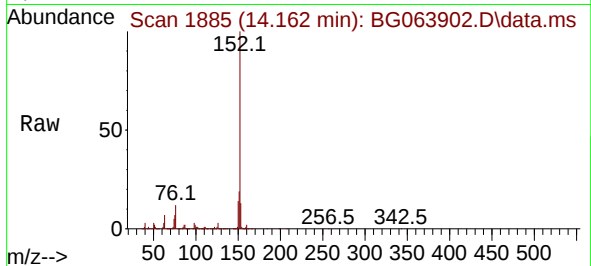
Tgt Ion:165 Resp: 179540  
Ion Ratio Lower Upper  
165 100  
89 61.8 59.4 89.2  
121 19.6 20.8 31.2#





#50  
Acenaphthylene  
Concen: 48.852 ng/ul  
RT: 14.162 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

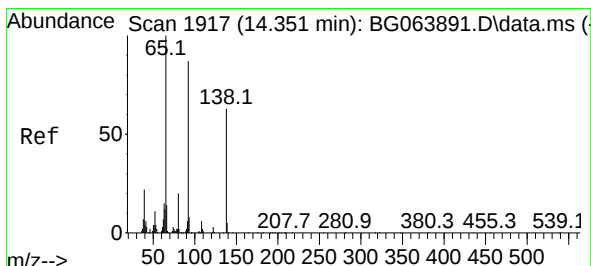
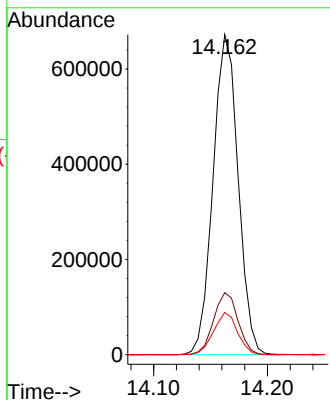
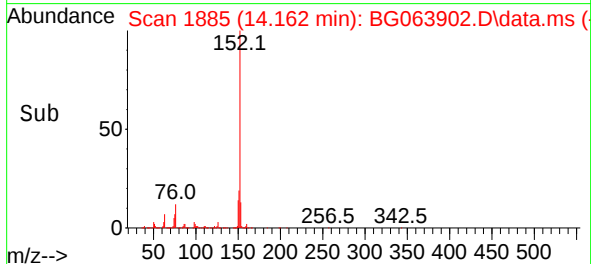
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



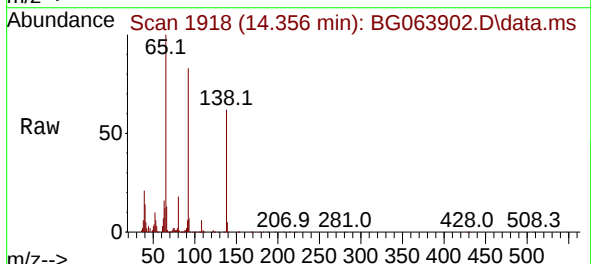
Tgt Ion:152 Resp: 102895  
Ion Ratio Lower Upper  
152 100  
151 19.4 14.6 22.0  
153 13.2 10.0 15.0

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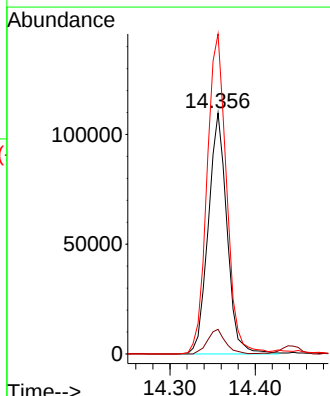
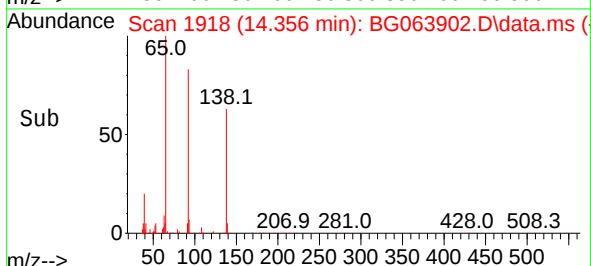
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024

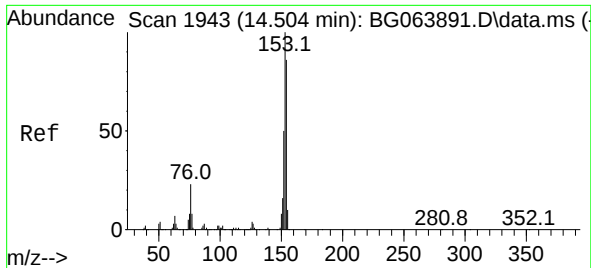


#51  
3-Nitroaniline  
Concen: 56.351 ng/ul  
RT: 14.356 min Scan# 1918  
Delta R.T. 0.011 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28



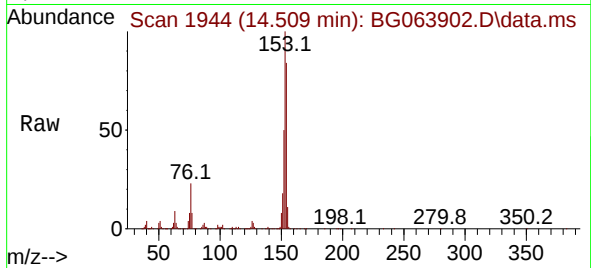
Tgt Ion:138 Resp: 167106  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.4 12.6  
92 132.8 120.4 180.6





#52  
Acenaphthene  
Concen: 48.561 ng/ul  
RT: 14.509 min Scan# 1944  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

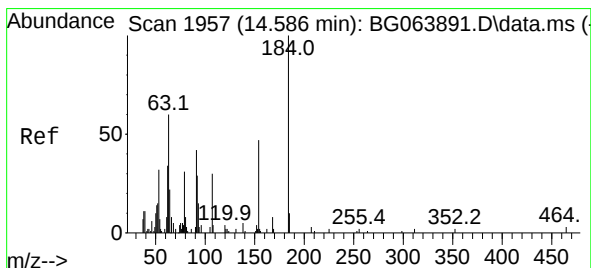
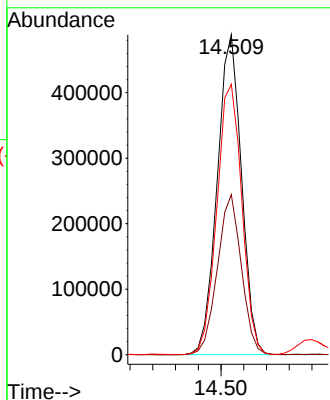
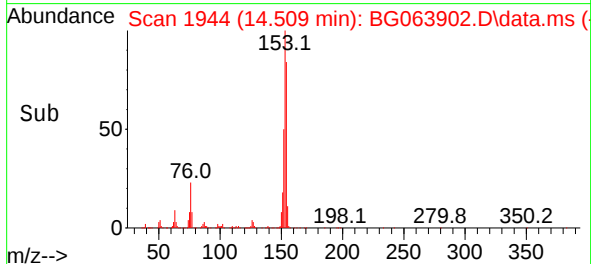
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



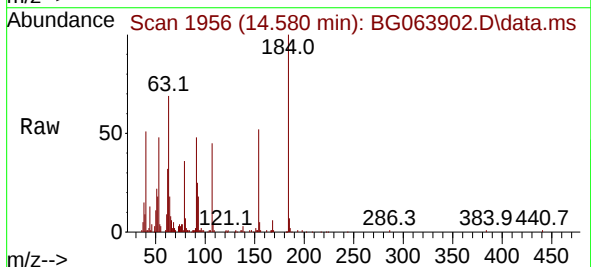
Tgt Ion:153 Resp: 724970  
Ion Ratio Lower Upper  
153 100  
152 50.0 40.2 60.4  
154 84.5 70.8 106.2

Manual Integrations  
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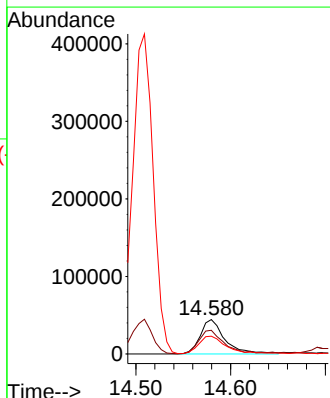
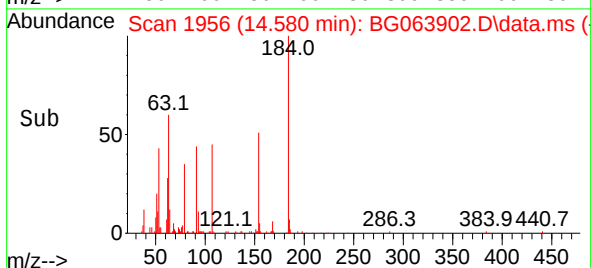
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024

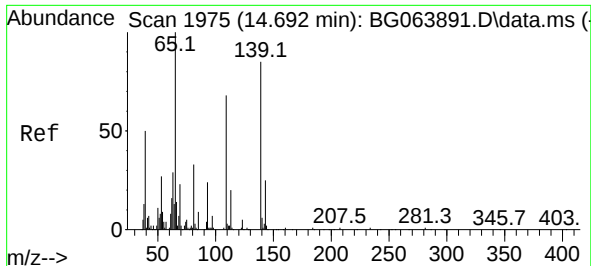


#53  
2,4-Dinitrophenol  
Concen: 49.043 ng/ul  
RT: 14.580 min Scan# 1956  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28



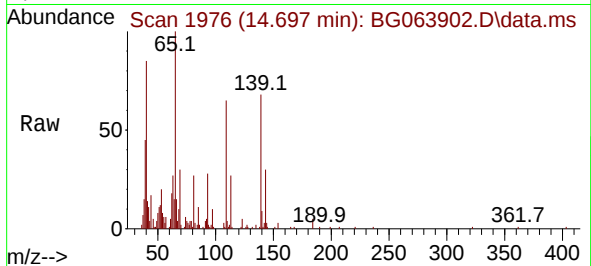
Tgt Ion:184 Resp: 80388  
Ion Ratio Lower Upper  
184 100  
63 69.1 52.1 78.1  
154 51.6 47.8 71.6





#55  
4-Nitrophenol  
Concen: 11.741 ng/ul  
RT: 14.697 min Scan# 1976  
Delta R.T. 0.011 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

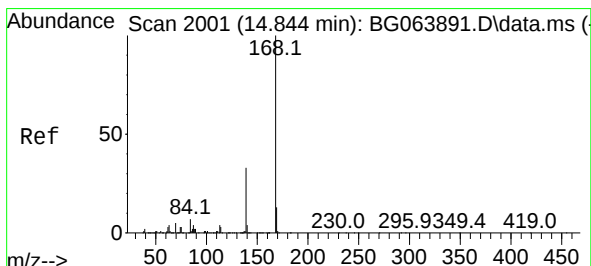
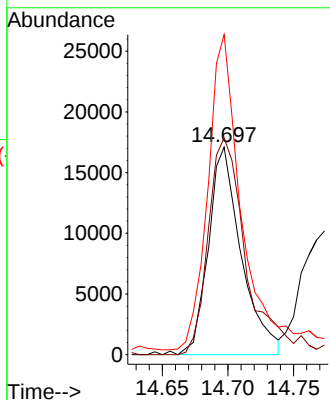
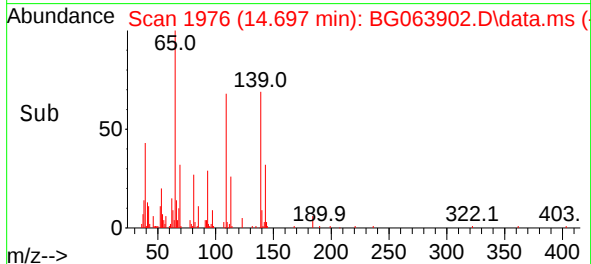
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



Tgt Ion:109 Resp: 29760  
Ion Ratio Lower Upper  
109 100  
139 104.5 86.4 129.6  
65 154.2 127.0 190.4

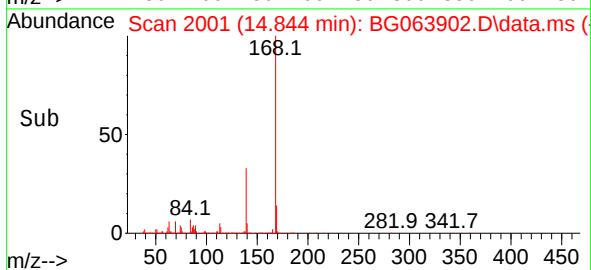
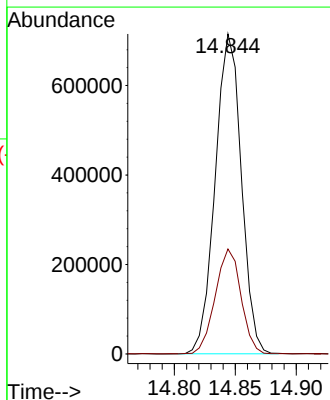
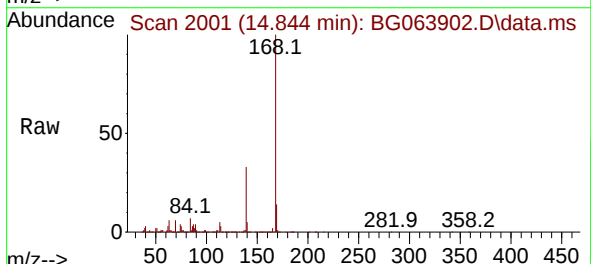
Manual Integrations  
APPROVED

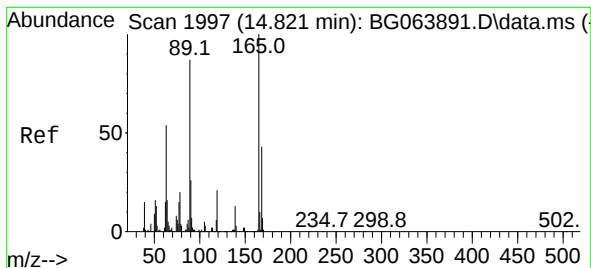
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#56  
Dibenzofuran  
Concen: 50.665 ng/ul  
RT: 14.844 min Scan# 2001  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

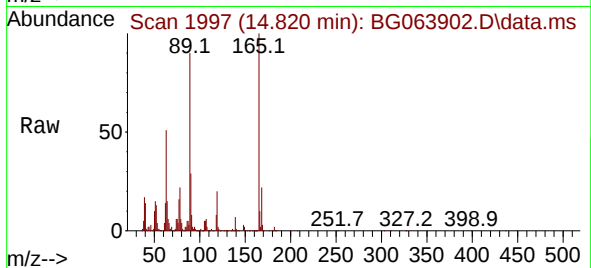
Tgt Ion:168 Resp: 1066380  
Ion Ratio Lower Upper  
168 100  
139 32.8 27.8 41.8





#57  
2,4-Dinitrotoluene  
Concen: 57.052 ng/ul  
RT: 14.820 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

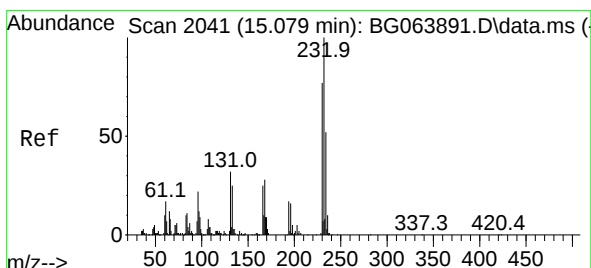
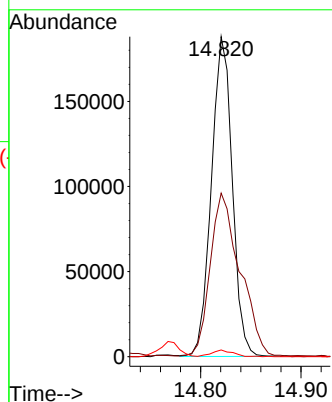
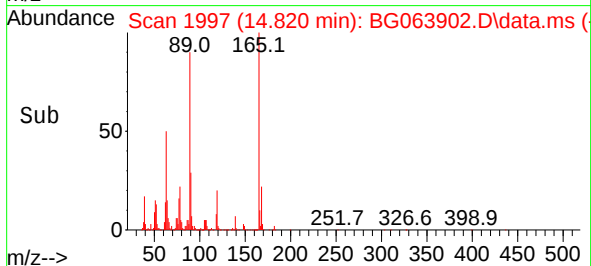
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



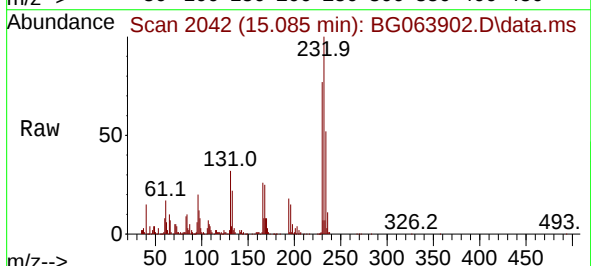
Tgt Ion:165 Resp: 27190  
Ion Ratio Lower Upper  
165 100  
63 51.1 45.0 67.4  
182 2.1 1.8 2.8

Manual Integrations  
APPROVED

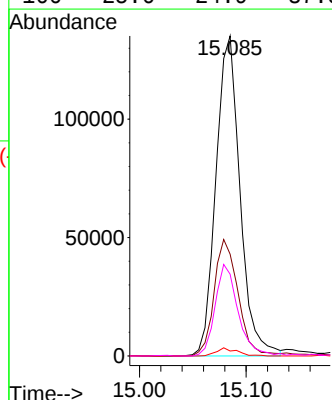
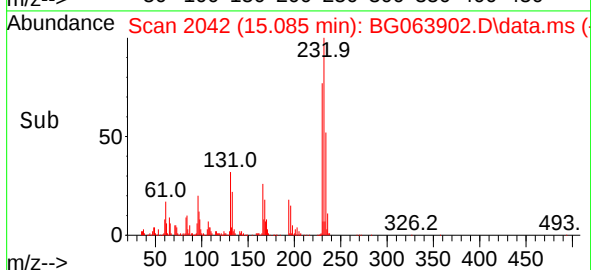
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024

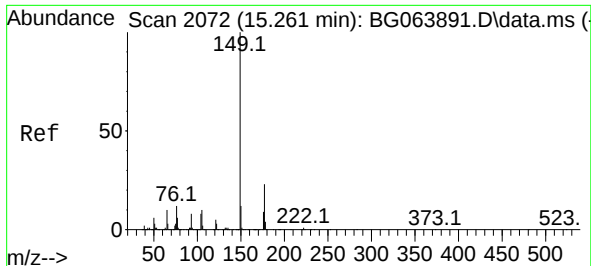


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 51.446 ng/ul  
RT: 15.085 min Scan# 2042  
Delta R.T. 0.011 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28



Tgt Ion:232 Resp: 212062  
Ion Ratio Lower Upper  
232 100  
131 31.8 30.3 45.5  
130 1.6 1.8 2.6#  
166 25.6 24.9 37.3





#59

Diethylphthalate

Concen: 52.518 ng/ul

RT: 15.267 min Scan# 2072

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

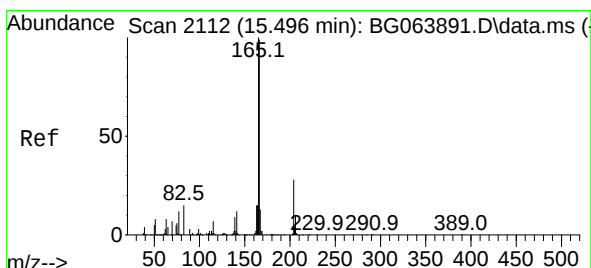
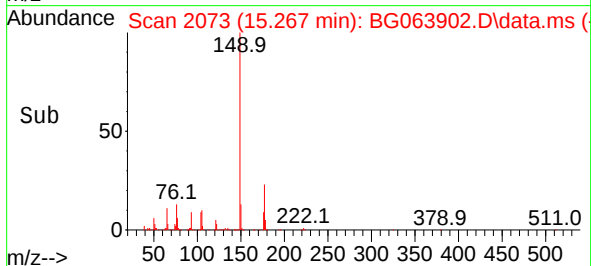
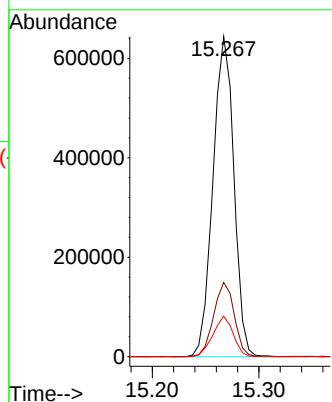
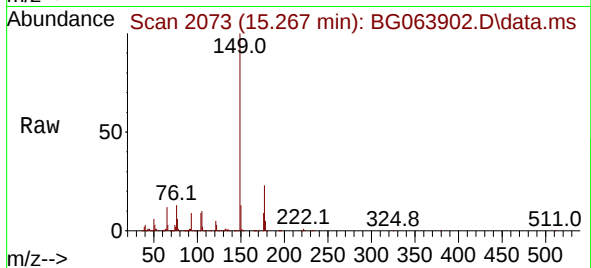
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 876819 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.2  | 17.6  | 26.4   |
| 150       | 12.7  | 9.0   | 13.4   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#61

Fluorene

Concen: 50.336 ng/ul

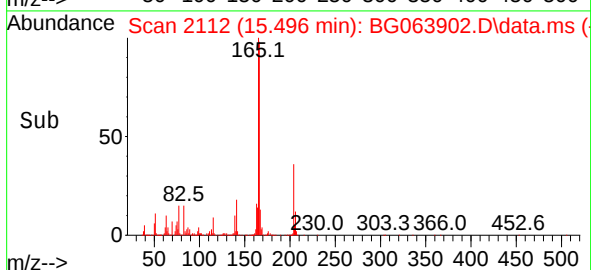
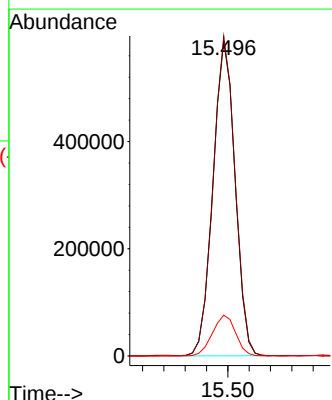
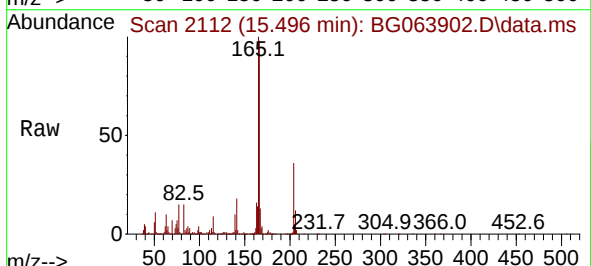
RT: 15.496 min Scan# 2112

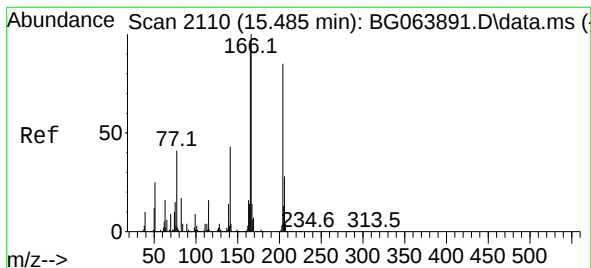
Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

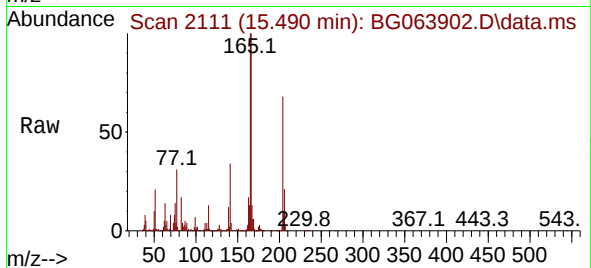
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 845962 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 101.7 | 81.9  | 122.9  |
| 167       | 13.0  | 11.4  | 17.0   |





#62  
4-Chlorophenyl-phenylether  
Concen: 47.543 ng/ul  
RT: 15.490 min Scan# 2110  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

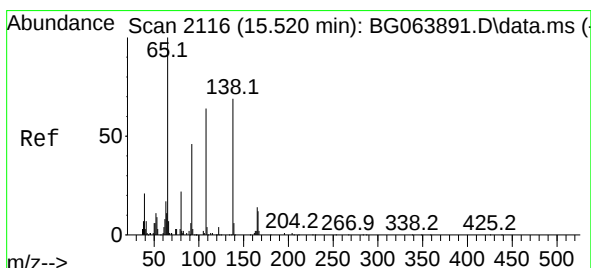
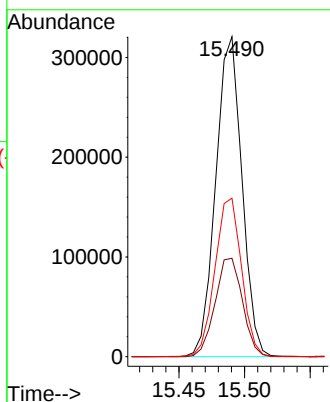
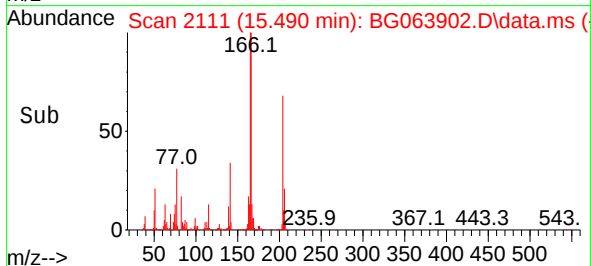
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



Tgt Ion:204 Resp: 445144  
Ion Ratio Lower Upper  
204 100  
206 30.8 25.6 38.4  
141 49.6 42.3 63.5

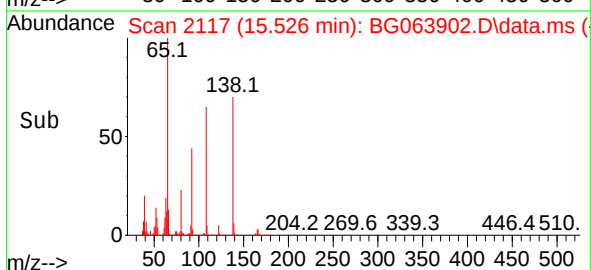
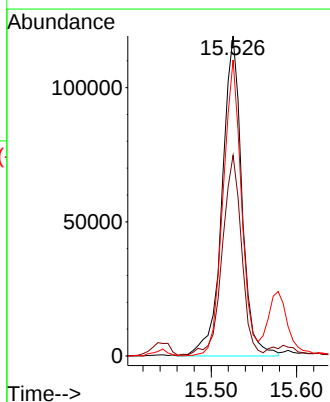
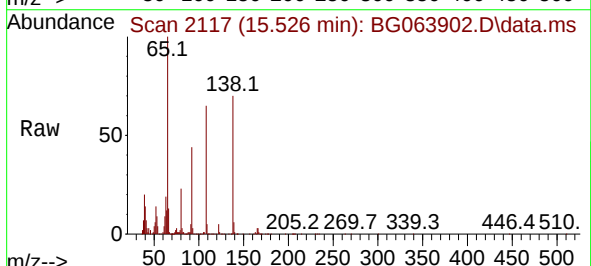
Manual Integrations  
APPROVED

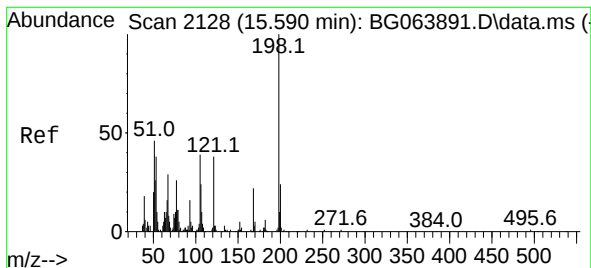
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#63  
4-Nitroaniline  
Concen: 64.812 ng/ul  
RT: 15.526 min Scan# 2117  
Delta R.T. 0.011 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

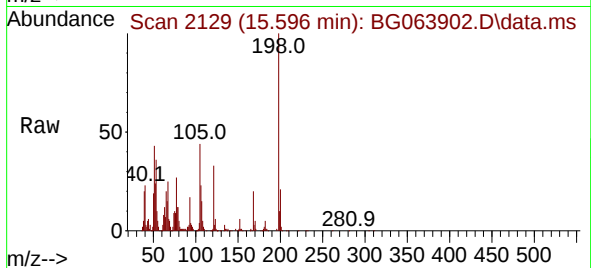
Tgt Ion:138 Resp: 192415  
Ion Ratio Lower Upper  
138 100  
92 62.7 53.2 79.8  
108 92.5 79.4 119.0





#66  
4,6-Dinitro-2-methylphenol  
Concen: 52.363 ng/ul  
RT: 15.596 min Scan# 2128  
Delta R.T. 0.011 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

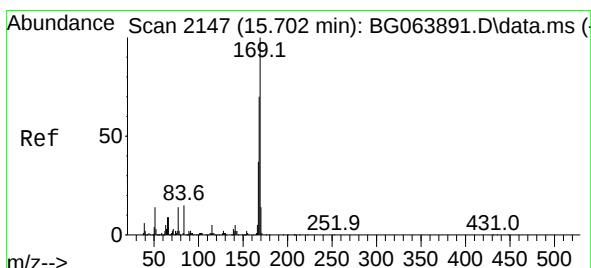
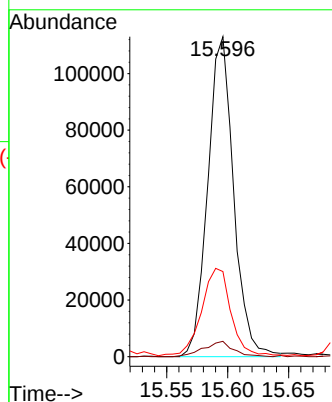
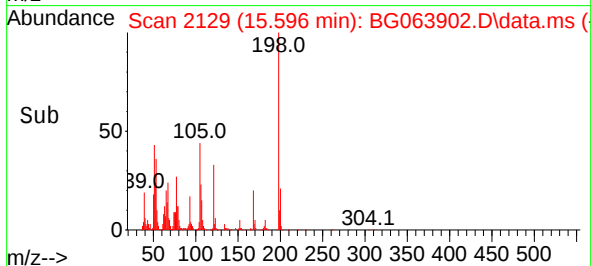
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



Tgt Ion:198 Resp: 167064  
Ion Ratio Lower Upper  
198 100  
182 4.8 3.4 5.2  
77 26.6 25.2 37.8

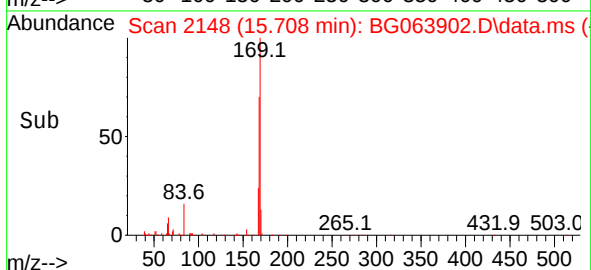
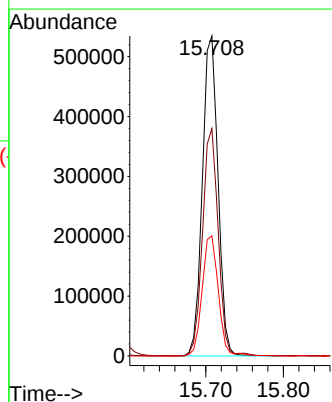
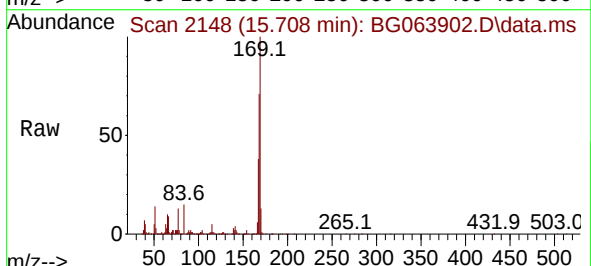
Manual Integrations  
APPROVED

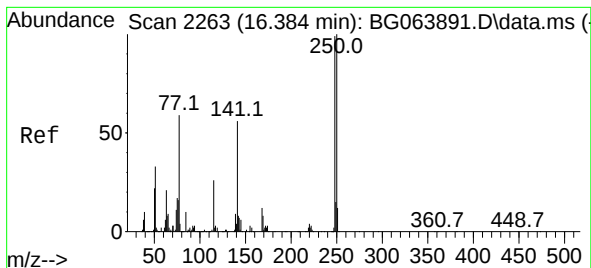
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



#67  
N-Nitrosodiphenylamine  
Concen: 51.898 ng/ul  
RT: 15.708 min Scan# 2148  
Delta R.T. 0.011 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

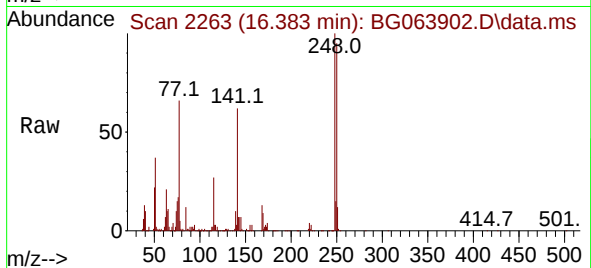
Tgt Ion:169 Resp: 749620  
Ion Ratio Lower Upper  
169 100  
168 71.1 54.0 81.0  
167 37.6 29.8 44.8





#68  
4-Bromophenyl-phenylether  
Concen: 50.962 ng/ul  
RT: 16.383 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

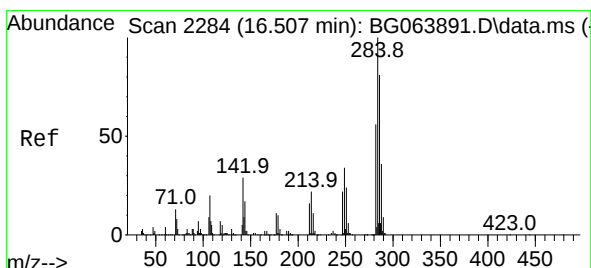
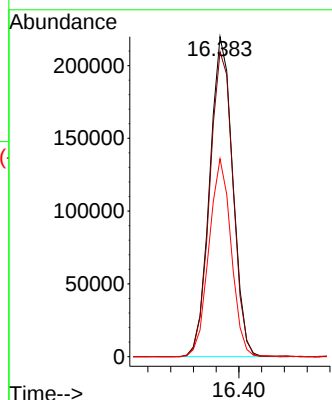
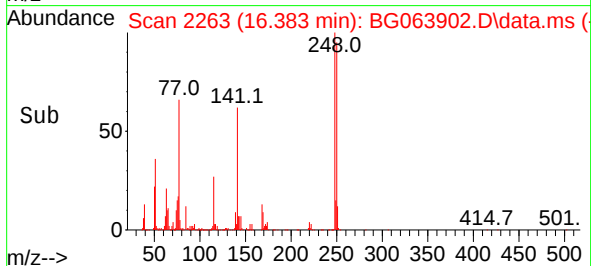
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



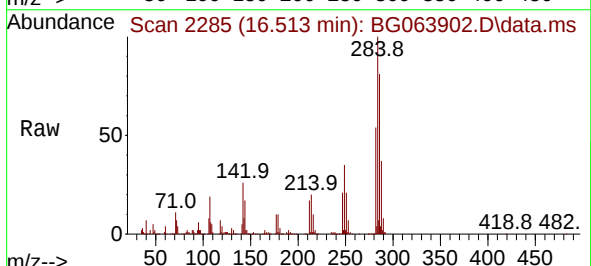
Tgt Ion:248 Resp: 309790  
Ion Ratio Lower Upper  
248 100  
250 95.3 76.1 114.1  
141 61.9 46.0 69.0

Manual Integrations  
APPROVED

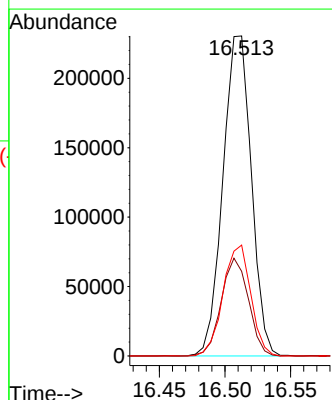
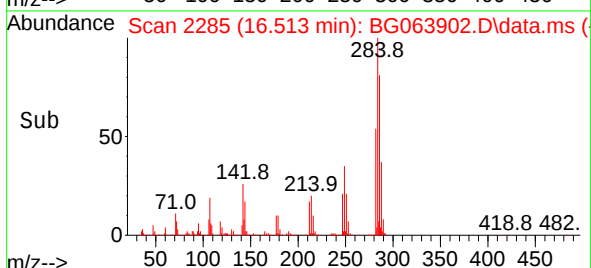
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024

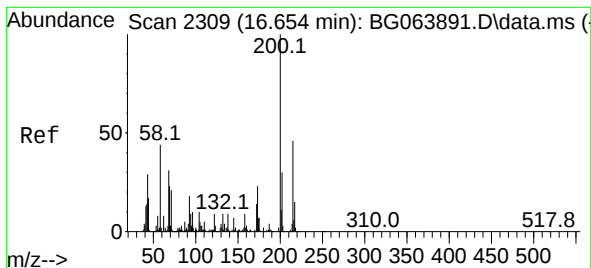


#69  
Hexachlorobenzene  
Concen: 51.097 ng/ul  
RT: 16.513 min Scan# 2285  
Delta R.T. 0.011 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28



Tgt Ion:284 Resp: 348010  
Ion Ratio Lower Upper  
284 100  
142 26.5 23.9 35.9  
249 34.6 24.6 36.8





#70

Atrazine

Concen: 52.706 ng/ul

RT: 16.660 min Scan# 2310

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:200 Resp: 321808

Ion Ratio Lower Upper

200 100

173 23.7 21.3 31.9

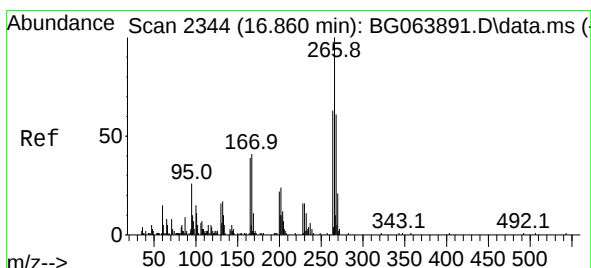
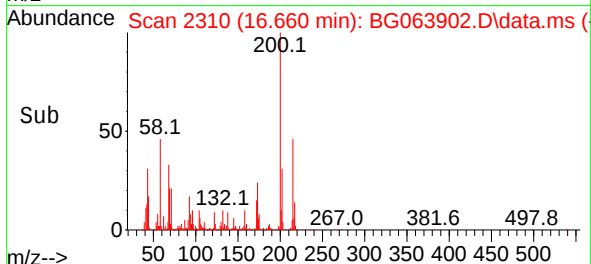
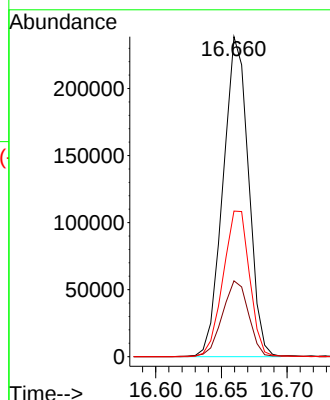
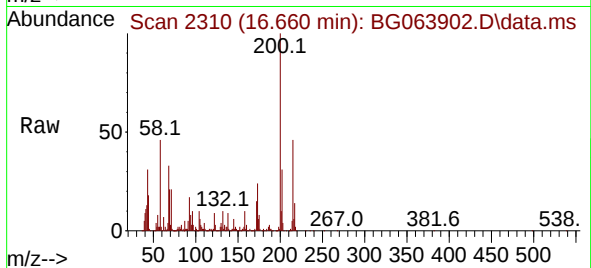
215 45.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#71

Pentachlorophenol

Concen: 49.344 ng/ul m

RT: 16.859 min Scan# 2344

Delta R.T. 0.006 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

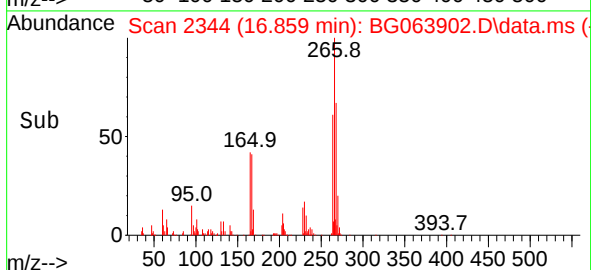
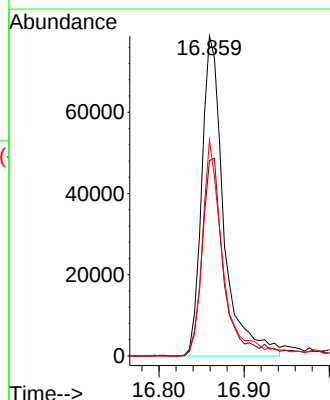
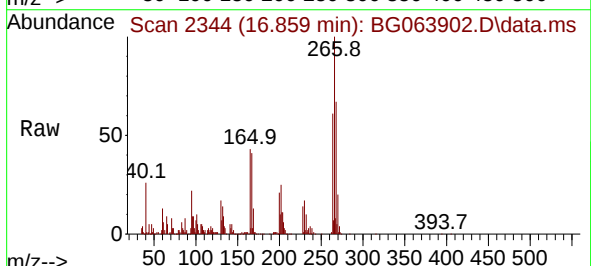
Tgt Ion:266 Resp: 141697

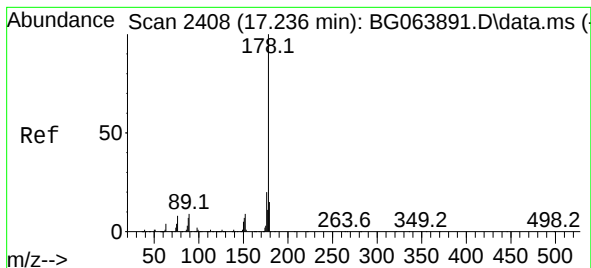
Ion Ratio Lower Upper

266 100

264 61.1 49.3 73.9

268 67.3 50.5 75.7





#72

Phenanthrene

Concen: 55.230 ng/ul

RT: 17.241 min Scan# 2409

Delta R.T. 0.011 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:178 Resp: 158753

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

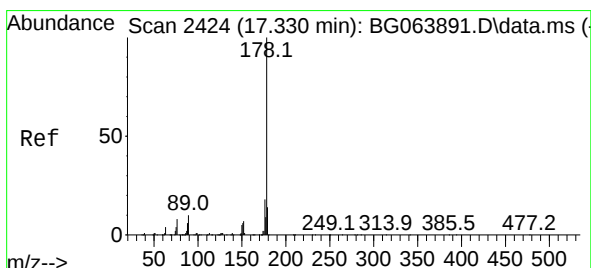
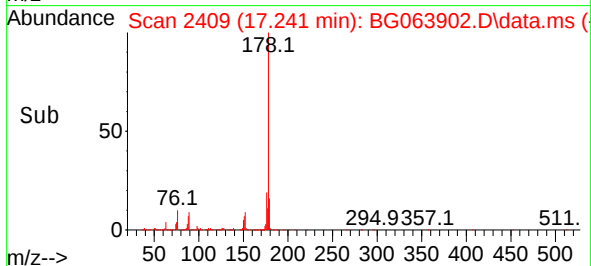
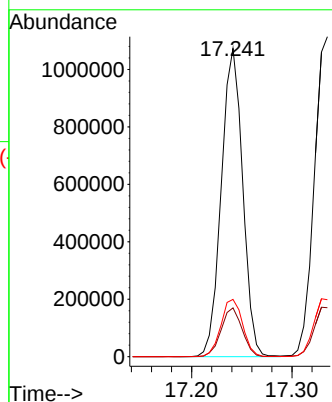
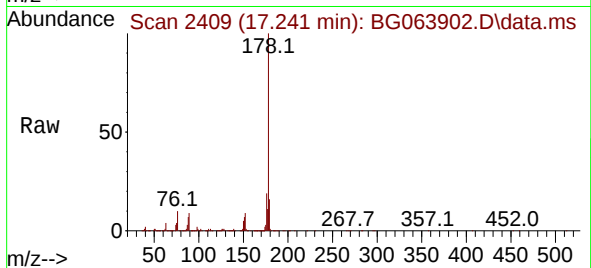
176 18.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#74

Anthracene

Concen: 55.562 ng/ul

RT: 17.335 min Scan# 2425

Delta R.T. 0.011 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

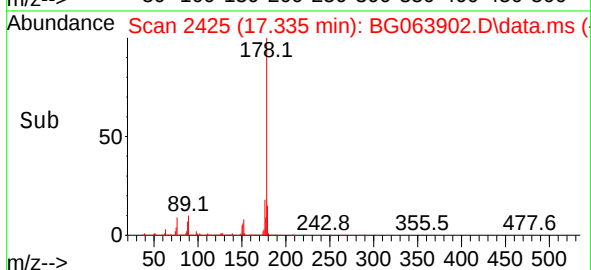
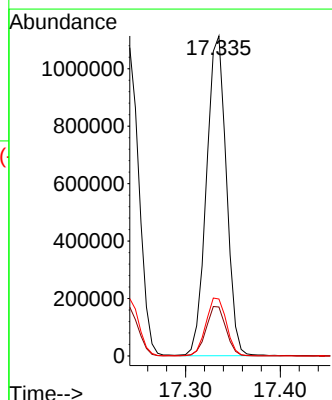
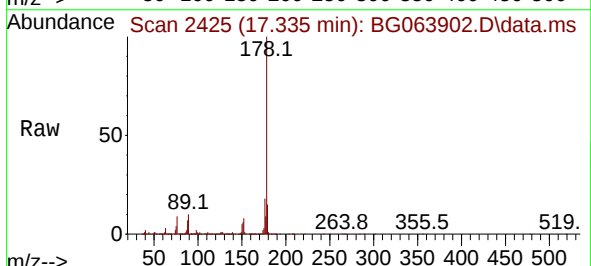
Tgt Ion:178 Resp: 1616489

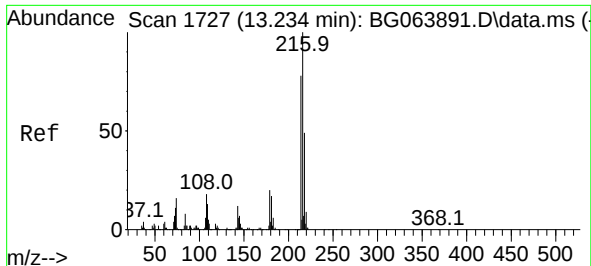
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

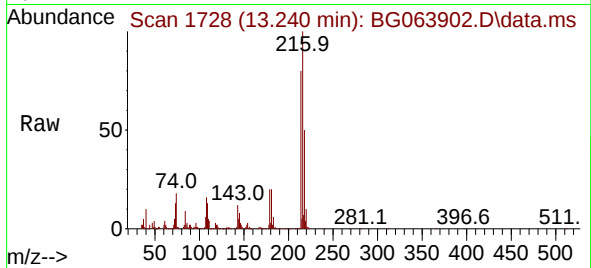
176 17.8 14.4 21.6





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 44.343 ng/ul  
RT: 13.240 min Scan# 1727  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28

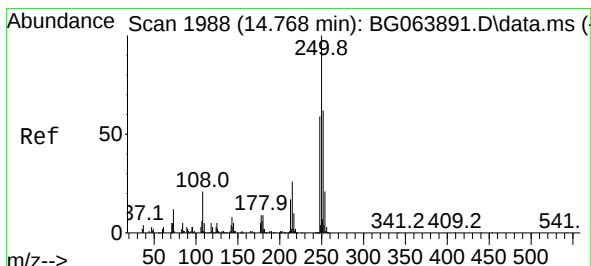
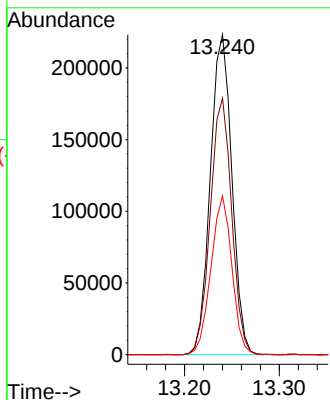
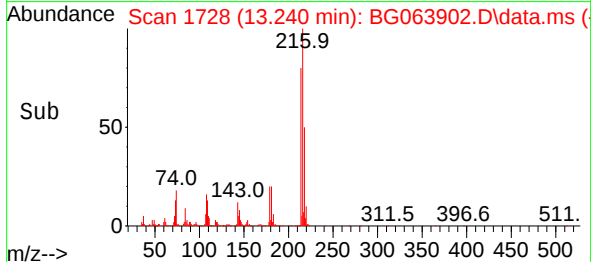
Instrument :  
BNA\_G  
ClientSampleId :  
YE680MS



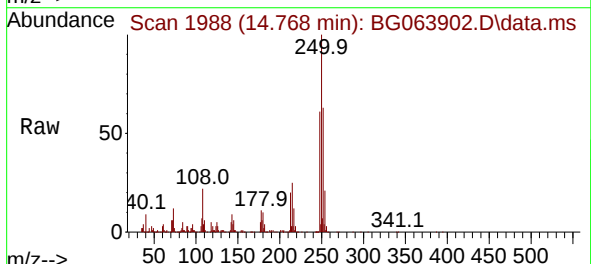
Tgt Ion:216 Resp: 352899  
Ion Ratio Lower Upper  
216 100  
214 80.2 60.2 90.4  
218 49.6 37.6 56.4

Manual Integrations  
APPROVED

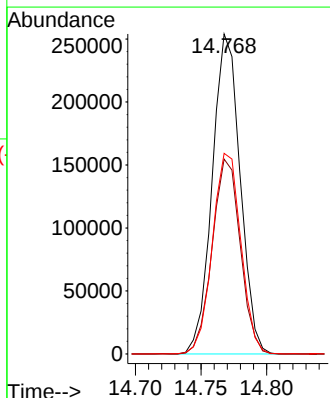
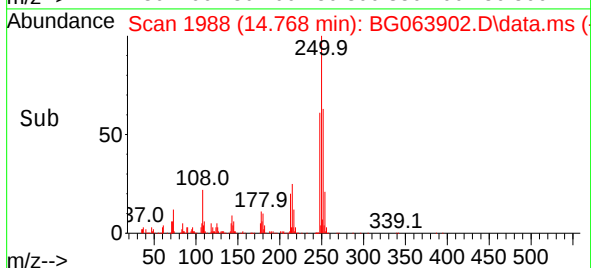
Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024

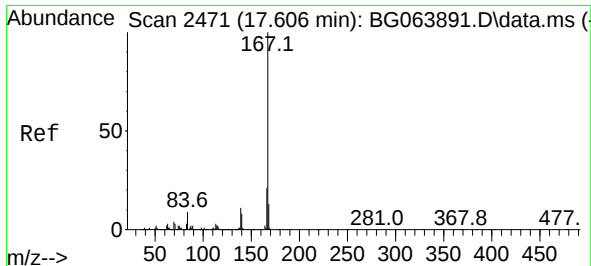


#76  
Pentachlorobenzene  
Concen: 47.664 ng/ul  
RT: 14.768 min Scan# 1988  
Delta R.T. 0.006 min  
Lab File: BG063902.D  
Acq: 28 Dec 2024 13:28



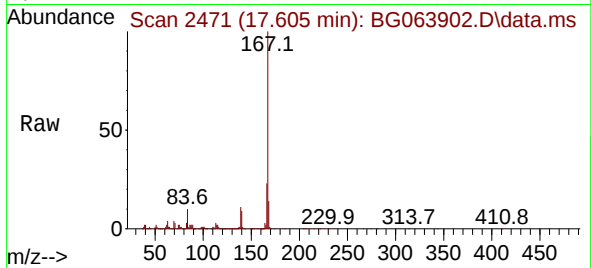
Tgt Ion:250 Resp: 375792  
Ion Ratio Lower Upper  
250 100  
248 60.9 49.8 74.8  
252 62.7 50.4 75.6





#77  
 Carbazole  
 Concen: 61.219 ng/ul  
 RT: 17.605 min Scan# 2471  
 Delta R.T. 0.011 min  
 Lab File: BG063902.D  
 Acq: 28 Dec 2024 13:28

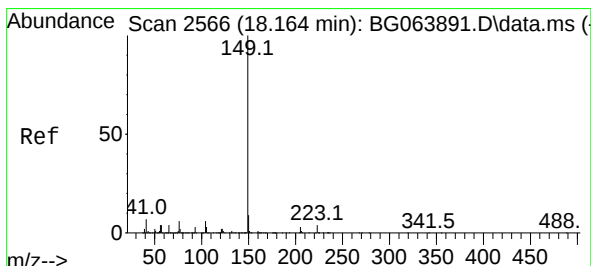
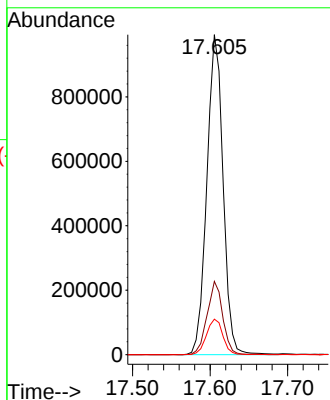
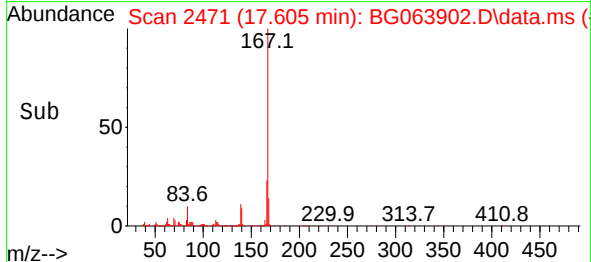
Instrument :  
 BNA\_G  
 ClientSampleId :  
 YE680MS



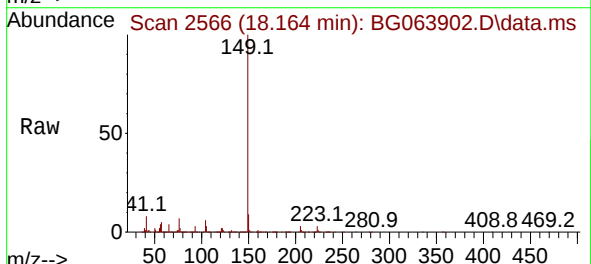
Tgt Ion:167 Resp: 1441711  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 18.2 27.4  
 139 11.1 10.1 15.1

Manual Integrations  
 APPROVED

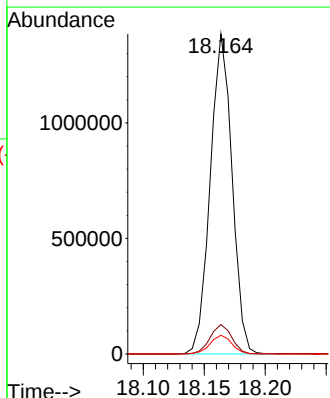
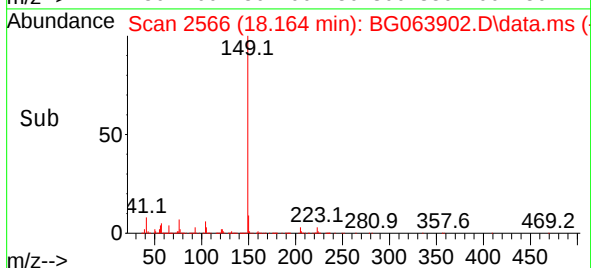
Reviewed By :Yogesh Patel 12/30/2024  
 Supervised By :mohammad ahmed 12/30/2024

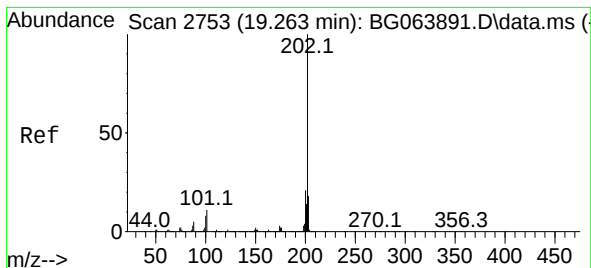


#78  
 Di-n-butylphthalate  
 Concen: 60.528 ng/ul  
 RT: 18.164 min Scan# 2566  
 Delta R.T. 0.011 min  
 Lab File: BG063902.D  
 Acq: 28 Dec 2024 13:28



Tgt Ion:149 Resp: 1721485  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.2 10.8  
 104 5.9 5.4 8.0





#80

Fluoranthene

Concen: 54.759 ng/ul

RT: 19.262 min Scan# 21

Delta R.T. 0.011 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:202 Resp: 1948504

Ion Ratio Lower Upper

202 100

101 11.5 8.1 12.1

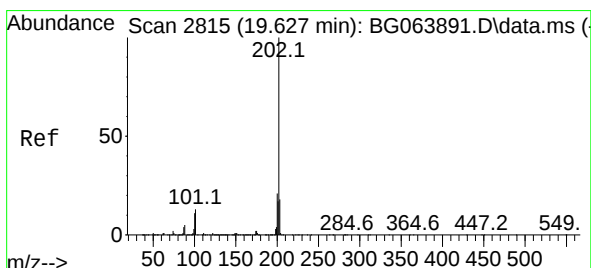
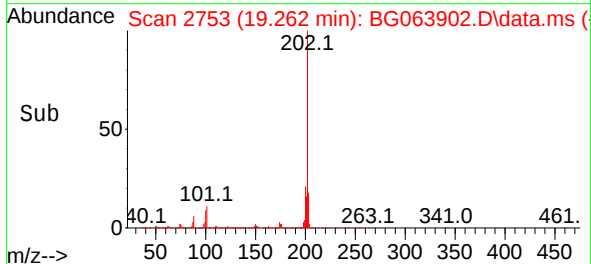
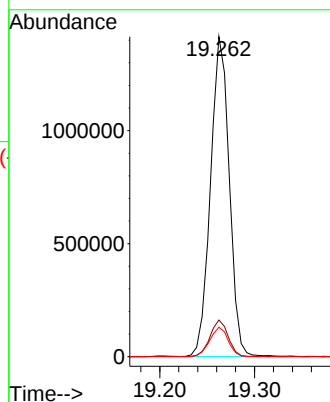
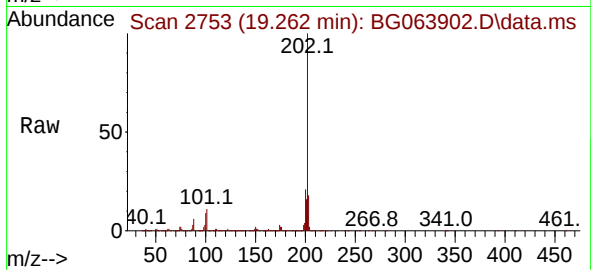
100 9.2 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#82

Pyrene

Concen: 54.283 ng/ul

RT: 19.627 min Scan# 2815

Delta R.T. 0.011 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

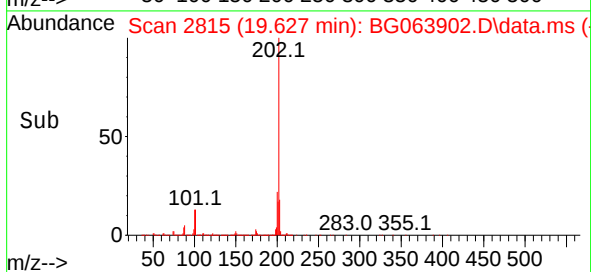
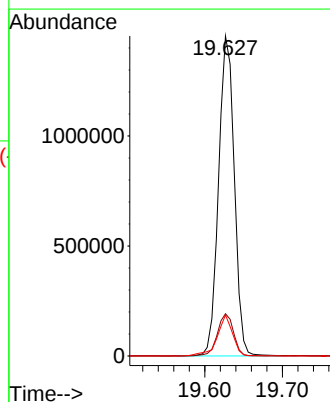
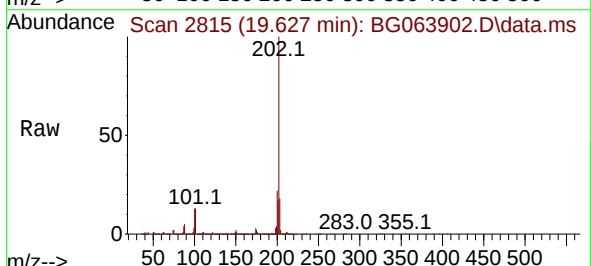
Tgt Ion:202 Resp: 2055051

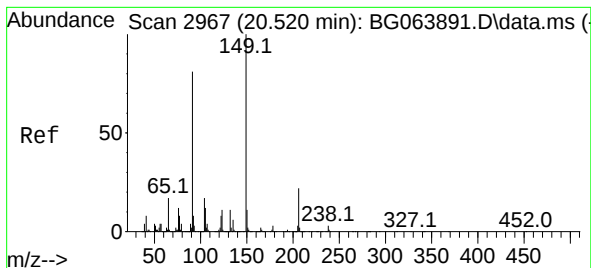
Ion Ratio Lower Upper

202 100

101 13.2 8.7 13.1#

100 12.8 7.8 11.6#





#83

Butylbenzylphthalate

Concen: 64.260 ng/ul

RT: 20.520 min Scan# 2967

Delta R.T. 0.011 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:149 Resp: 746789

Ion Ratio Lower Upper

149 100

91 91.0 68.7 103.1

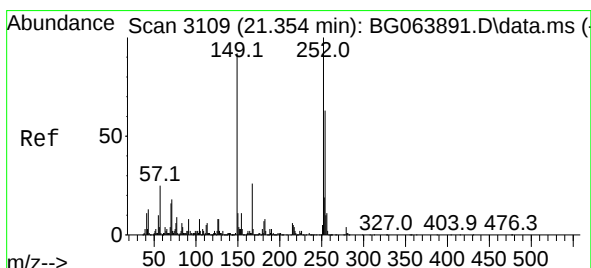
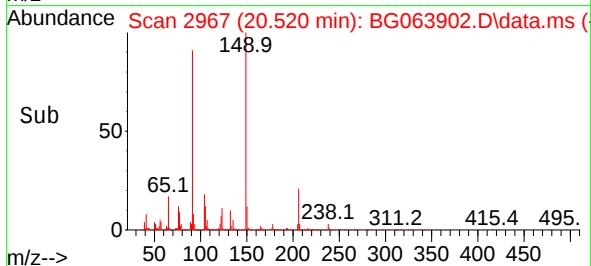
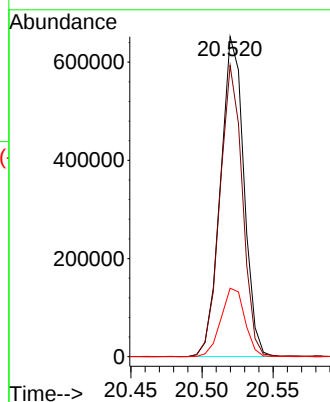
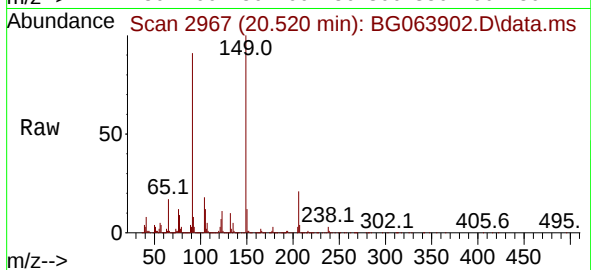
206 21.4 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

3,3'-Dichlorobenzidine

Concen: 52.609 ng/ul

RT: 21.354 min Scan# 3109

Delta R.T. 0.011 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

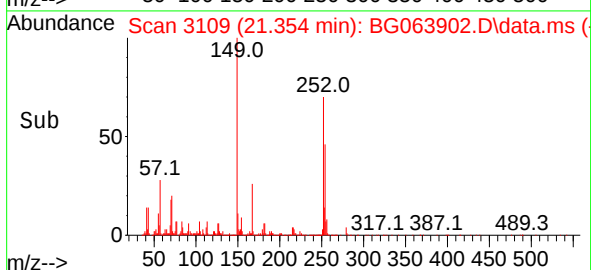
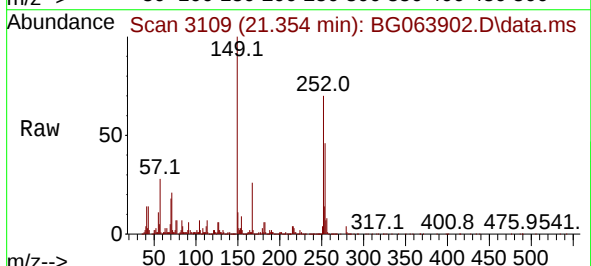
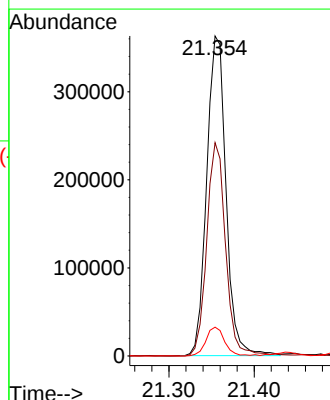
Tgt Ion:252 Resp: 571367

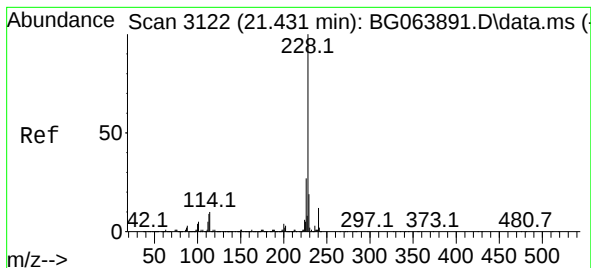
Ion Ratio Lower Upper

252 100

254 66.7 55.8 83.6

126 9.0 6.4 9.6





#85

Benzo(a)anthracene

Concen: 52.647 ng/ul

RT: 21.436 min Scan# 3122

Delta R.T. 0.017 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:228 Resp: 1985020

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

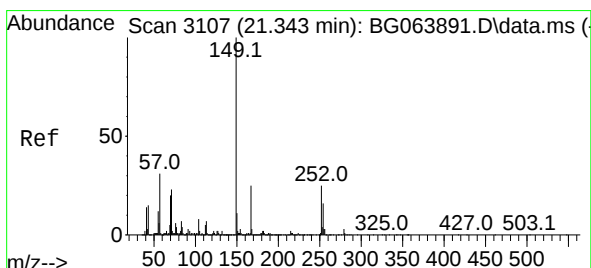
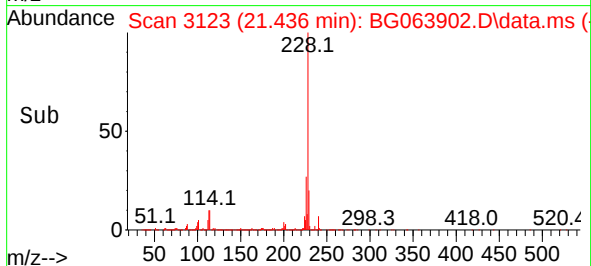
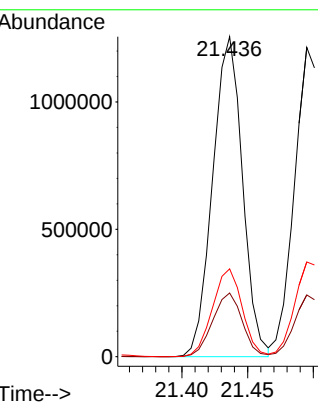
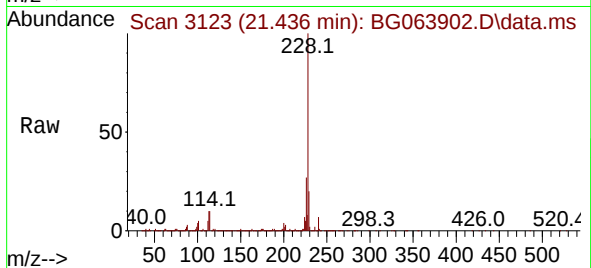
226 27.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 64.880 ng/ul

RT: 21.348 min Scan# 3108

Delta R.T. 0.017 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

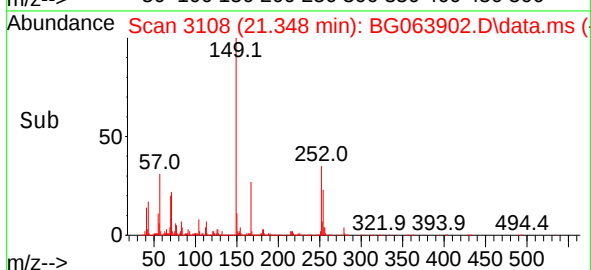
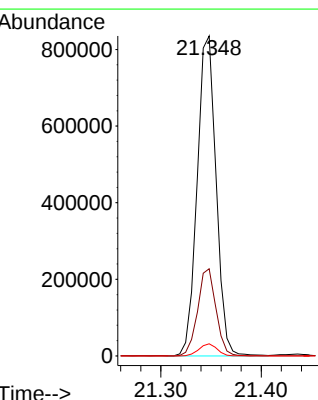
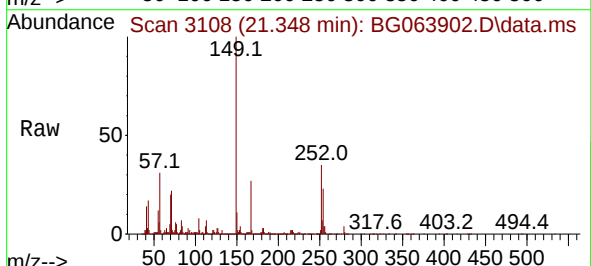
Tgt Ion:149 Resp: 1096811

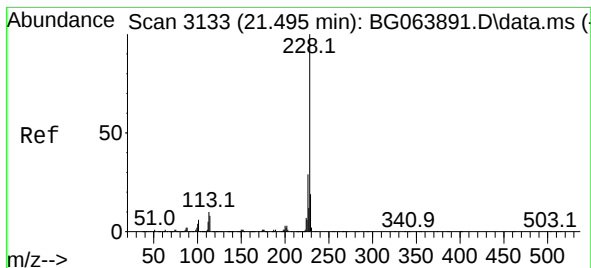
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 3.8 2.9 4.3





#87

Chrysene

Concen: 52.386 ng/ul

RT: 21.495 min Scan# 3133

Delta R.T. 0.011 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:228 Resp: 188254

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

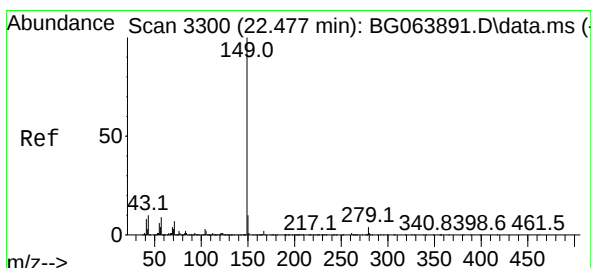
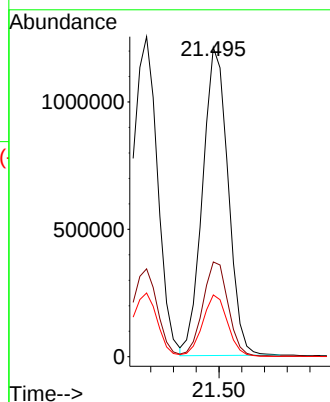
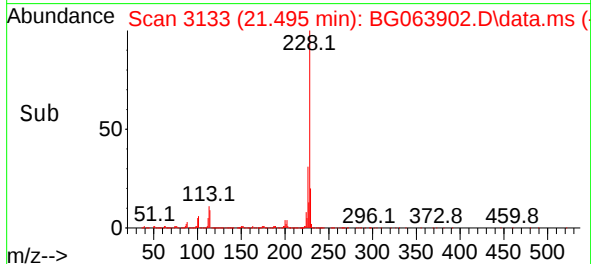
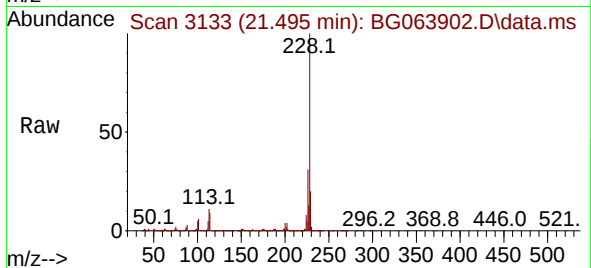
229 20.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#89

Di-n-octyl phthalate

Concen: 71.735 ng/ul

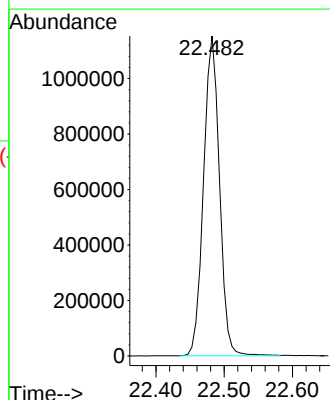
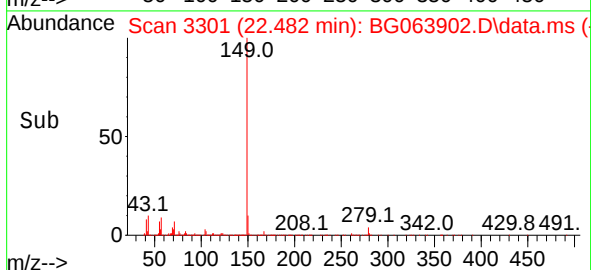
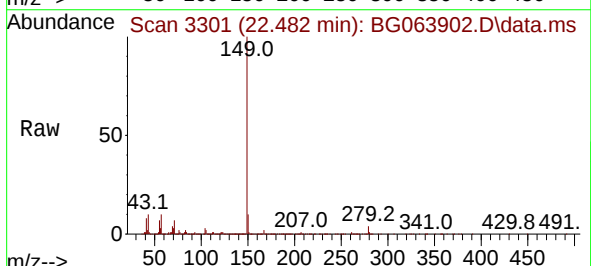
RT: 22.482 min Scan# 3301

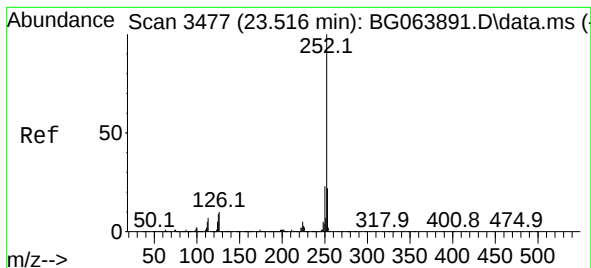
Delta R.T. 0.017 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Tgt Ion:149 Resp: 1872538





#90

Benzo(b)fluoranthene

Concen: 55.903 ng/ul

RT: 23.522 min Scan# 3477

Delta R.T. 0.023 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:252 Resp: 1921539

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

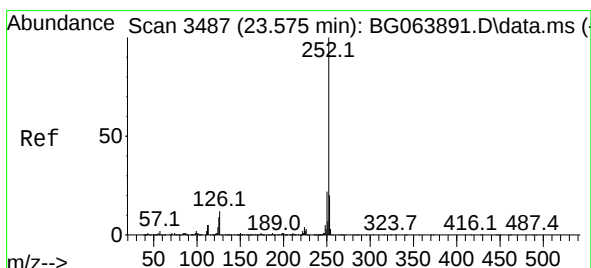
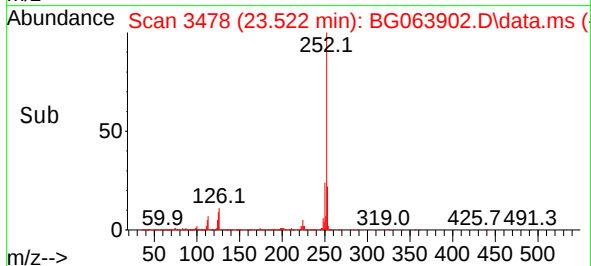
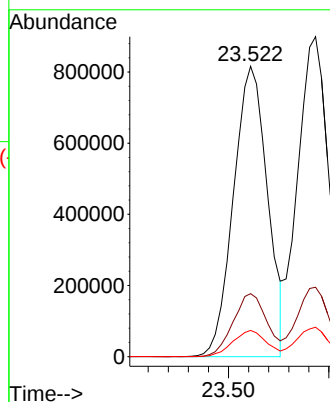
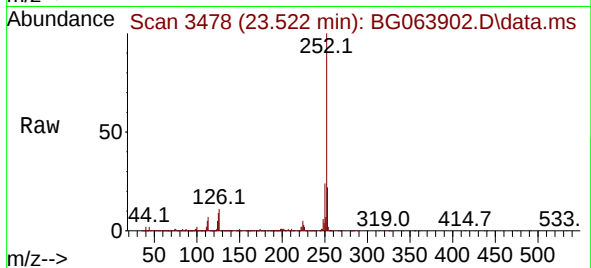
125 9.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#91

Benzo(k)fluoranthene

Concen: 57.810 ng/ul

RT: 23.587 min Scan# 3489

Delta R.T. 0.029 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

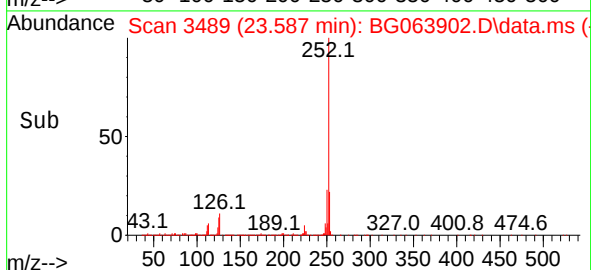
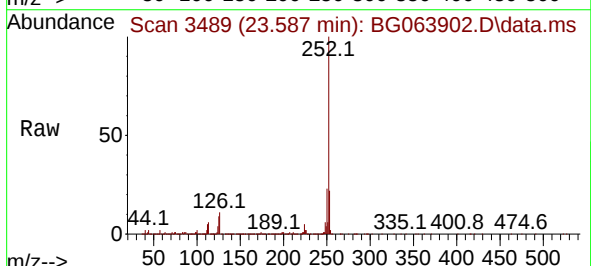
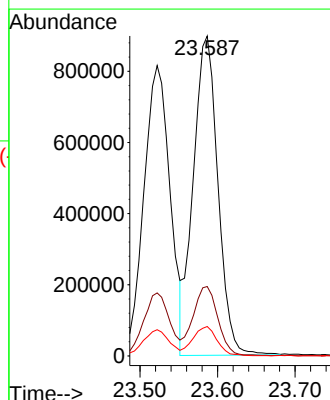
Tgt Ion:252 Resp: 1982119

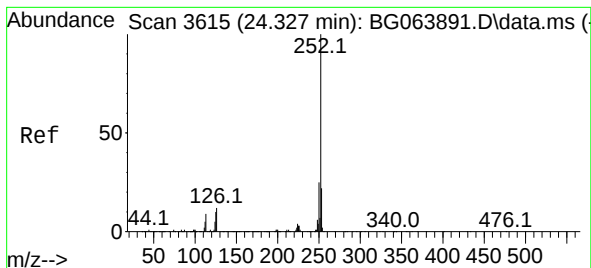
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.2 6.5 9.7





#93

Benzo(a)pyrene

Concen: 55.766 ng/ul

RT: 24.339 min Scan# 30

Delta R.T. 0.035 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:252 Resp: 179918

Ion Ratio Lower Upper

252 100

253 21.5 16.6 24.8

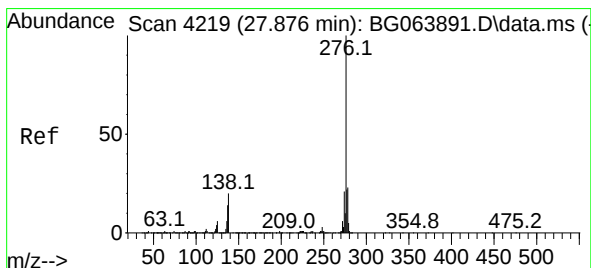
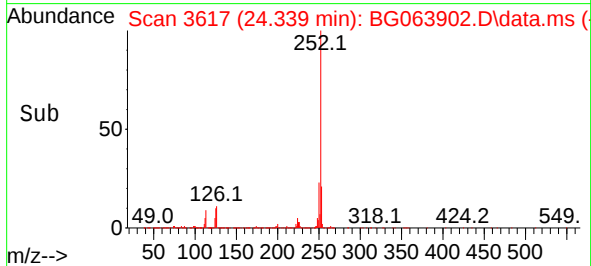
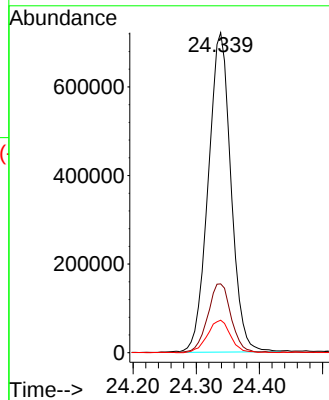
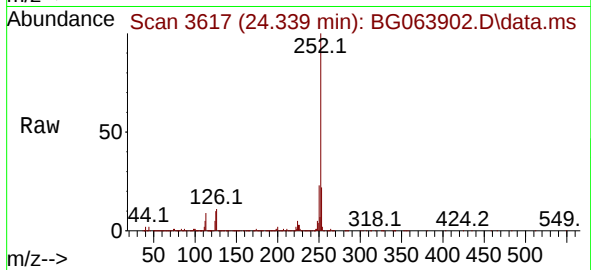
125 10.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 57.864 ng/ul

RT: 27.893 min Scan# 4222

Delta R.T. 0.047 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

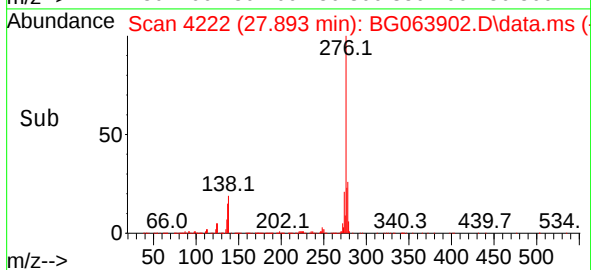
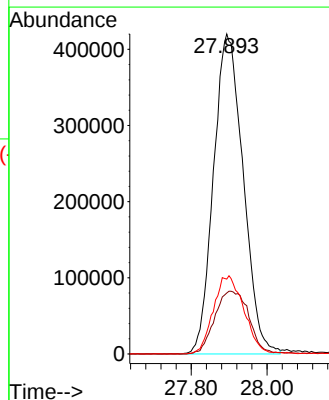
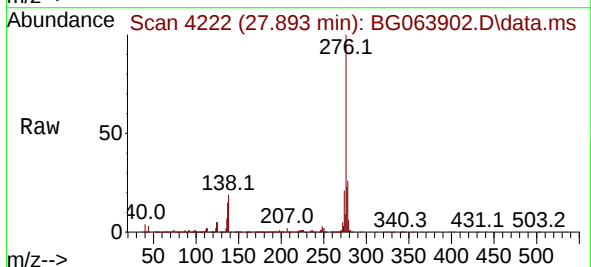
Tgt Ion:276 Resp: 2279909

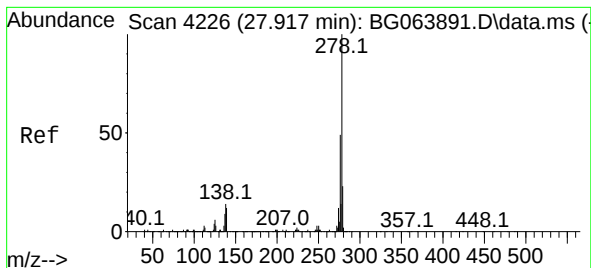
Ion Ratio Lower Upper

276 100

138 19.1 13.7 20.5

277 23.4 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 58.359 ng/ul

RT: 27.940 min Scan# 41

Delta R.T. 0.053 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Instrument :

BNA\_G

ClientSampleId :

YE680MS

Tgt Ion:278 Resp: 1839900

Ion Ratio Lower Upper

278 100

139 12.8 9.7 14.5

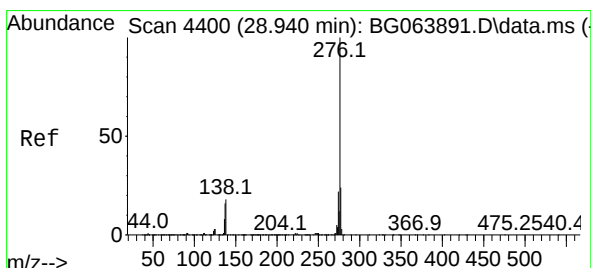
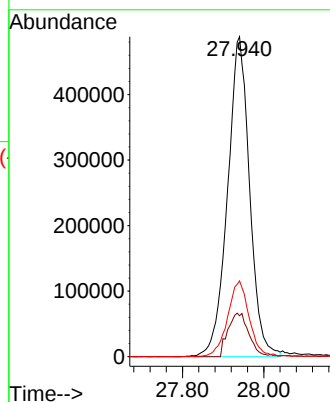
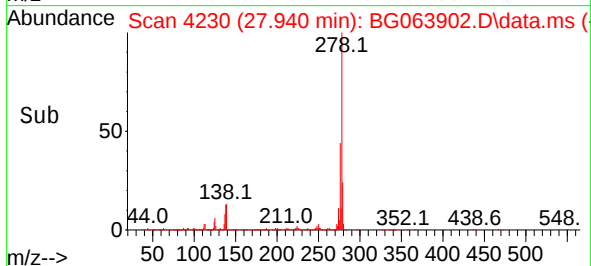
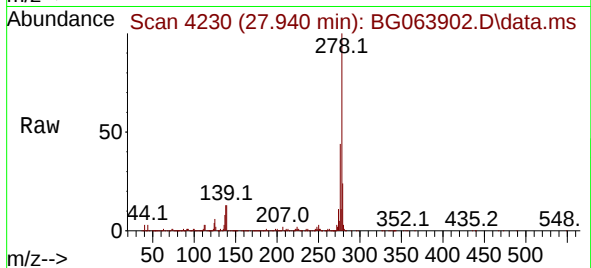
279 23.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#96

Benzo(g,h,i)perylene

Concen: 56.990 ng/ul

RT: 28.957 min Scan# 4403

Delta R.T. 0.058 min

Lab File: BG063902.D

Acq: 28 Dec 2024 13:28

Tgt Ion:276 Resp: 1781847

Ion Ratio Lower Upper

276 100

138 19.6 13.8 20.8

277 24.0 17.8 26.8

