

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082324\  
 Data File : BG062564.D  
 Acq On : 23 Aug 2024 12:28  
 Operator : MA/JU  
 Sample : P3696-02MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

## Instrument :

BNA\_G

ClientSampleId :

GCN87MS

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 13:34:38 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG081424.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 20 23:01:24 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.938  | 152  | 75853    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.734 | 136  | 335952   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.570 | 164  | 204391   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.343 | 188  | 330215   | 20.000 | ng/u1  | # 0.04   |
| 79) Chrysene-d12              | 21.567 | 240  | 363301   | 20.000 | ng/u1  | 0.02     |
| 88) Perylene-d12              | 24.662 | 264  | 420137   | 20.000 | ng/u1  | 0.04     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.403  | 96   | 4143     | 2.074  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.814  | 84   | 6099     | 1.002  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.104  | 99   | 112135   | 14.860 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.268  | 67   | 67936    | 14.293 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.474  | 132  | 85238    | 16.536 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.643  | 113  | 100871   | 15.948 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.089  | 128  | 45950    | 21.328 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.812  | 143  | 51363    | 23.966 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.352 | 165  | 104415   | 19.128 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.858 | 131  | 59292    | 6.849  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.971 | 166  | 268345   | 16.878 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.259 | 160  | 312130   | 17.731 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.770 | 143  | 49367    | 19.465 | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.569 | 176  | 213438   | 14.885 | ng/u1  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.686 | 200  | 39744    | 26.490 | ng/u1  | 0.02     |
| 73) Anthracene-d10            | 17.437 | 188  | 294530   | 18.567 | ng/u1  | 0.04     |
| 81) Pyrene-d10                | 19.710 | 212  | 284901   | 13.390 | ng/u1  | 0.03     |
| 92) Benzo(a)pyrene-d12        | 24.439 | 264  | 238654   | 10.704 | ng/u1  | 0.03     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.438  | 88   | 10824    | 5.075  | ng/uL# | 81       |
| 5) Pyridine                   | 3.832  | 79   | 18027    | 2.814  | ng/u1  | 97       |
| 6) Benzaldehyde               | 7.074  | 77   | 65601    | 16.770 | ng/u1  | 97       |
| 8) Phenol                     | 7.127  | 94   | 118897   | 15.016 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.356  | 93   | 82502    | 14.081 | ng/u1  | 100      |
| 12) 2-Chlorophenol            | 7.503  | 128  | 87914    | 16.489 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.379  | 108  | 95675    | 16.057 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.455  | 45   | 190708   | 15.770 | ng/u1  | 98       |
| 16) Acetophenone              | 8.755  | 105  | 163908   | 15.819 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.737  | 70   | 81037    | 14.821 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.708  | 108  | 106031   | 15.536 | ng/u1  | 98       |
| 19) Hexachloroethane          | 9.019  | 117  | 27027    | 12.740 | ng/u1  | 93       |
| 22) Nitrobenzene              | 9.130  | 77   | 116984   | 19.223 | ng/u1  | 99       |
| 23) Isophorone                | 9.653  | 82   | 224668   | 15.632 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.841  | 139  | 54350    | 22.699 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.906  | 107  | 104502   | 16.004 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.135 | 93   | 127935   | 16.003 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.382 | 162  | 102362   | 18.260 | ng/u1  | 97       |
| 30) Naphthalene               | 10.781 | 128  | 328301   | 16.849 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.887 | 127  | 56414    | 6.703  | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.069 | 225  | 76475    | 17.947 | ng/u1  | 98       |
| 34) Caprolactam               | 11.651 | 113  | 30056    | 13.294 | ng/u1# | 43       |
| 35) 4-Chloro-3-methylphenol   | 12.015 | 107  | 105982   | 16.158 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.391 | 142  | 311913   | 22.668 | ng/u1  | 98       |

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## Instrument :

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## Manual Integrations

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Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 13:34:38 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG081424.MA.M

Quant Title : SVOA CALIBRATION

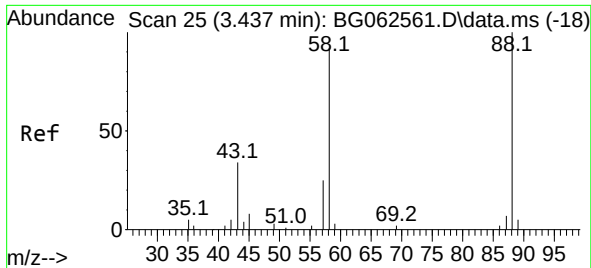
QLast Update : Tue Aug 20 23:01:24 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.608 | 142  | 297529   | 21.193   | ng/ul# | 95       |
| 39) 1,2,4,5-Tetrachloroben... | 12.761 | 216  | 130078   | 19.058   | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.737 | 237  | 59214    | 16.925   | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.996 | 196  | 82075    | 20.904   | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.072 | 196  | 85948    | 20.850   | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.401 | 154  | 275530   | 17.794   | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.442 | 162  | 224296   | 18.719   | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.636 | 65   | 87653    | 28.243   | ng/ul  | 90       |
| 47) Dimethylphthalate         | 14.018 | 163  | 272944   | 16.934   | ng/ul# | 96       |
| 48) 2,6-Dinitrotoluene        | 14.135 | 165  | 55409    | 24.069   | ng/ul  | 91       |
| 50) Acenaphthylene            | 14.294 | 152  | 332466   | 17.640   | ng/ul# | 91       |
| 51) 3-Nitroaniline            | 14.464 | 138  | 30540    | 11.643   | ng/ul# | 90       |
| 52) Acenaphthene              | 14.635 | 153  | 254683   | 18.056   | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.676 | 184  | 31471    | 21.673   | ng/ul# | 52       |
| 55) 4-Nitrophenol             | 14.782 | 109  | 39575    | 18.179   | ng/ul# | 59       |
| 56) Dibenzofuran              | 14.970 | 168  | 335265   | 16.897   | ng/ul# | 81       |
| 57) 2,4-Dinitrotoluene        | 14.929 | 165  | 60833    | 17.360   | ng/ul# | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.205 | 232  | 310557   | 78.358   | ng/ul# | 84       |
| 59) Diethylphthalate          | 15.393 | 149  | 247668   | 15.397   | ng/ul# | 95       |
| 61) Fluorene                  | 15.622 | 166  | 273062   | 17.460   | ng/ul# | 95       |
| 62) 4-Chlorophenyl-phenyle... | 15.616 | 204  | 120483   | 14.992   | ng/ul# | 79       |
| 63) 4-Nitroaniline            | 15.628 | 138  | 36094    | 13.165   | ng/ul  | 92       |
| 66) 4,6-Dinitro-2-methylph... | 15.704 | 198  | 42961    | 25.413   | ng/ul# | 1        |
| 67) N-Nitrosodiphenylamine    | 15.839 | 169  | 537912   | 56.193   | ng/ul# | 50       |
| 68) 4-Bromophenyl-phenylether | 16.509 | 248  | 68187    | 18.400   | ng/ul# | 51       |
| 69) Hexachlorobenzene         | 16.644 | 284  | 55624    | 12.883   | ng/ul# | 61       |
| 70) Atrazine                  | 16.826 | 200  | 52248m   | 13.090   | ng/ul  |          |
| 71) Pentachlorophenol         | 17.043 | 266  | 6616093m | 2625.870 | ng/ul  |          |
| 72) Phenanthrene              | 17.384 | 178  | 536912   | 28.936   | ng/ul# | 93       |
| 74) Anthracene                | 17.472 | 178  | 353487   | 18.597   | ng/ul# | 92       |
| 75) 1,2,3,4-Tetrachloroben... | 13.366 | 216  | 118395   | 25.081   | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.899 | 250  | 96174    | 19.422   | ng/ul  | 93       |
| 77) Carbazole                 | 17.731 | 167  | 230018   | 14.406   | ng/ul# | 80       |
| 78) Di-n-butylphthalate       | 18.289 | 149  | 362391   | 18.973   | ng/ul# | 92       |
| 80) Fluoranthene              | 19.381 | 202  | 604526   | 25.433   | ng/ul# | 97       |
| 82) Pyrene                    | 19.746 | 202  | 1152004  | 44.966   | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.621 | 149  | 173194   | 20.070   | ng/ul# | 84       |
| 85) Benzo(a)anthracene        | 21.549 | 228  | 540378   | 20.493   | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.461 | 149  | 275264   | 21.832   | ng/ul# | 98       |
| 87) Chrysene                  | 21.614 | 228  | 753104   | 30.125   | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.624 | 149  | 476233   | 21.254   | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.675 | 252  | 471152m  | 18.564   | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 23.740 | 252  | 439813   | 17.168   | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.510 | 252  | 195944   | 8.189    | ng/ul# | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.181 | 276  | 391738   | 12.881   | ng/ul# | 95       |
| 95) Dibenzo(a,h)anthracene    | 28.222 | 278  | 460049   | 18.663   | ng/ul# | 93       |
| 96) Benzo(g,h,i)perylene      | 29.244 | 276  | 43373m   | 1.854    | ng/ul  |          |

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





#2  
1,4-Dioxane  
Concen: 5.075 ng/uL  
RT: 3.438 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

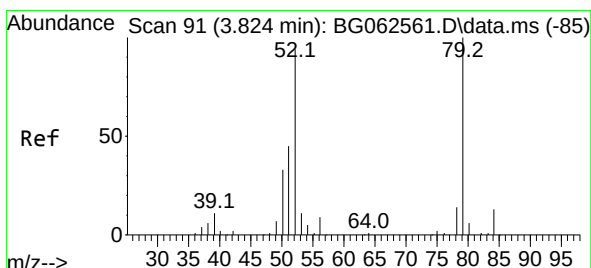
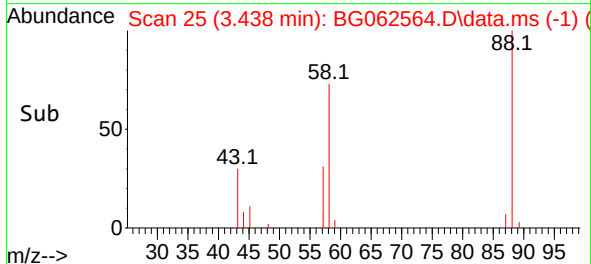
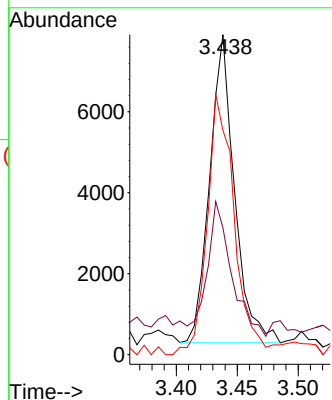
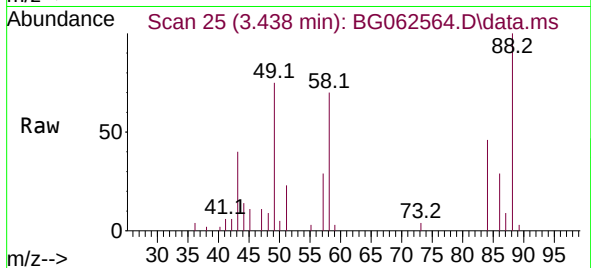
GCN87MS

Tgt Ion: 88 Resp: 10824  
Ion Ratio Lower Upper  
88 100  
43 39.6 30.1 45.1  
58 70.1 75.7 113.5

Manual Integrations

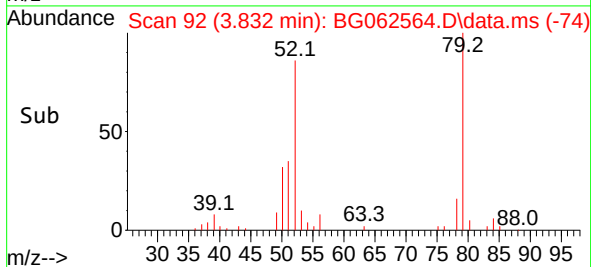
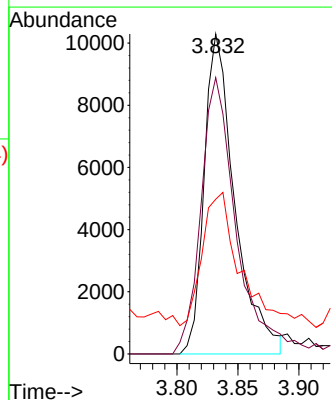
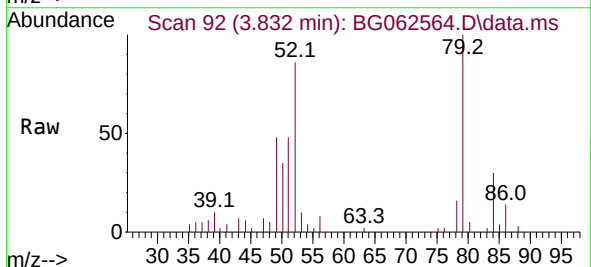
APPROVED

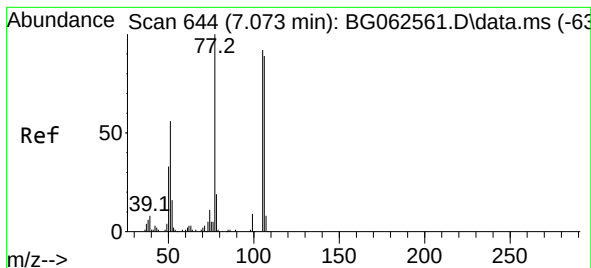
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#5  
Pyridine  
Concen: 2.814 ng/uL  
RT: 3.832 min Scan# 92  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

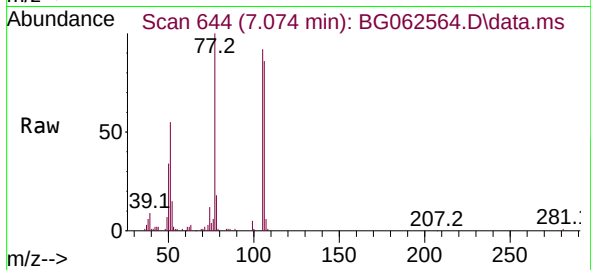
Tgt Ion: 79 Resp: 18027  
Ion Ratio Lower Upper  
79 100  
52 86.3 70.0 105.0  
51 48.4 34.8 52.2





#6  
Benzaldehyde  
Concen: 16.770 ng/ul  
RT: 7.074 min Scan# 644  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

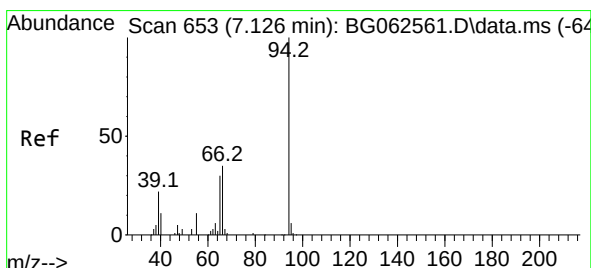
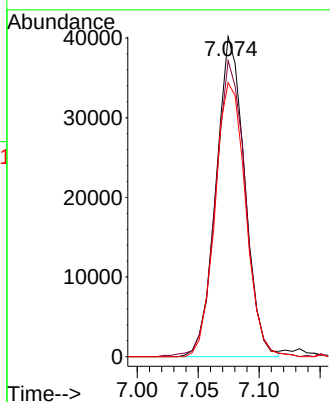
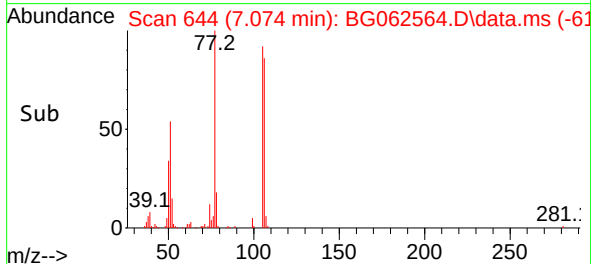
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion: 77 Resp: 6560  
Ion Ratio Lower Upper  
77 100  
105 92.5 75.6 113.4  
106 85.6 71.4 107.2

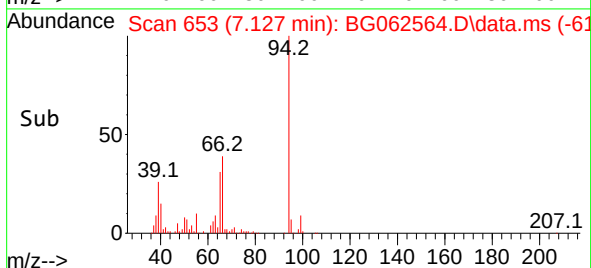
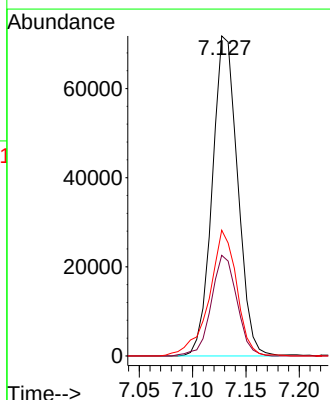
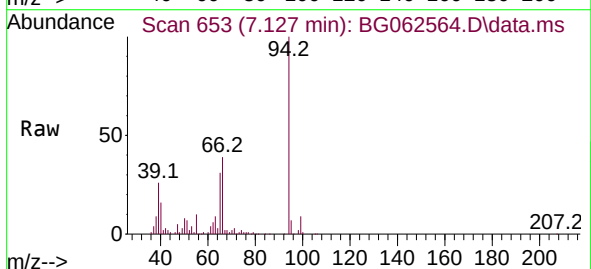
Manual Integrations  
APPROVED

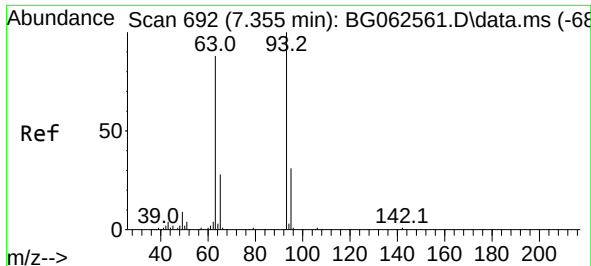
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#8  
Phenol  
Concen: 15.016 ng/ul  
RT: 7.127 min Scan# 653  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion: 94 Resp: 118897  
Ion Ratio Lower Upper  
94 100  
65 31.4 25.0 37.4  
66 39.3 30.2 45.4





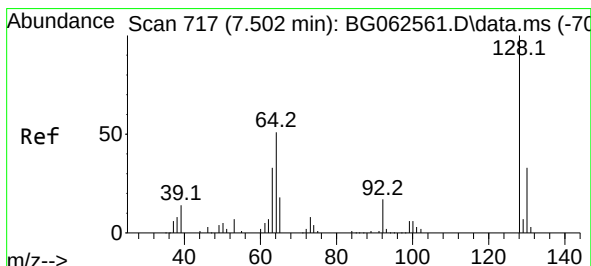
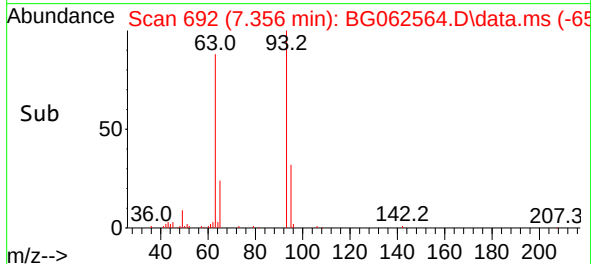
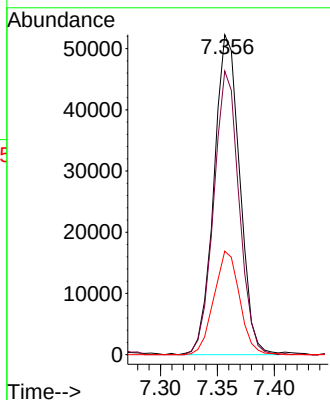
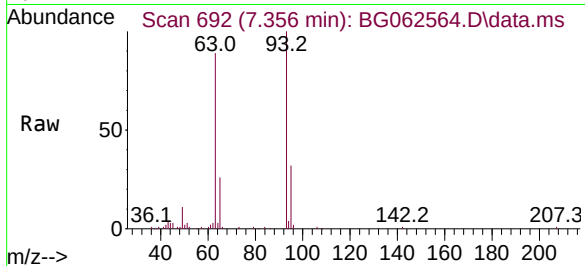
#10  
Bis(2-Chloroethyl)ether  
Concen: 14.081 ng/ul  
RT: 7.356 min Scan# 692  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Instrument :  
BNA\_G  
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GCN87MS

Tgt Ion: 93 Resp: 82502  
Ion Ratio Lower Upper  
93 100  
63 88.6 70.5 105.7  
95 32.4 25.8 38.8

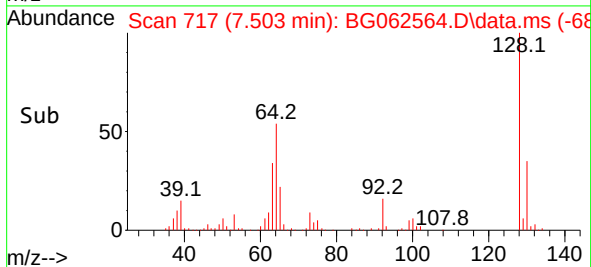
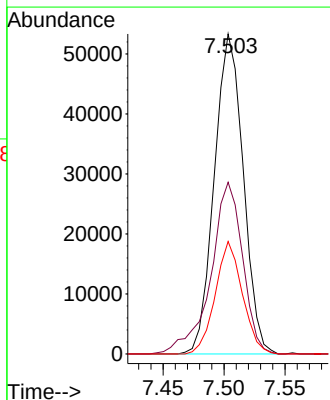
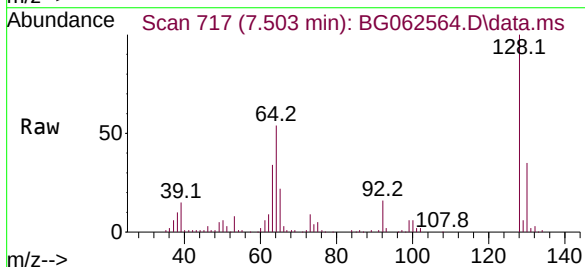
Manual Integrations  
APPROVED

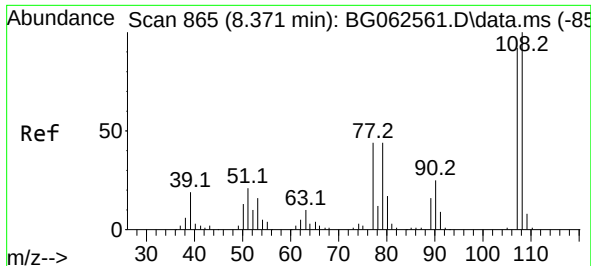
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#12  
2-Chlorophenol  
Concen: 16.489 ng/ul  
RT: 7.503 min Scan# 717  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:128 Resp: 87914  
Ion Ratio Lower Upper  
128 100  
64 53.6 43.0 64.4  
130 35.1 26.6 39.8





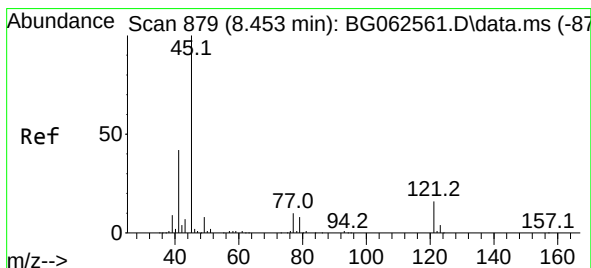
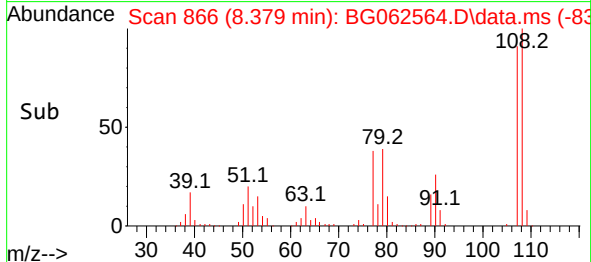
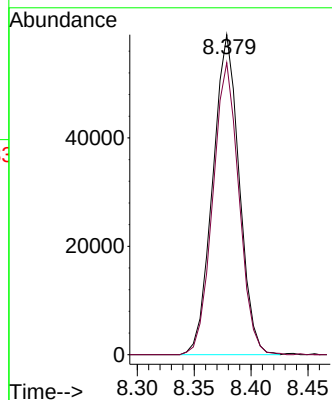
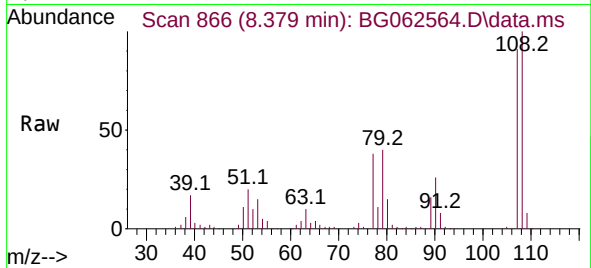
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2-Methylphenol  
Concen: 16.057 ng/ul  
RT: 8.379 min Scan# 865  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS

Tgt Ion:108 Resp: 95679  
Ion Ratio Lower Upper  
108 100  
107 91.2 73.8 110.6

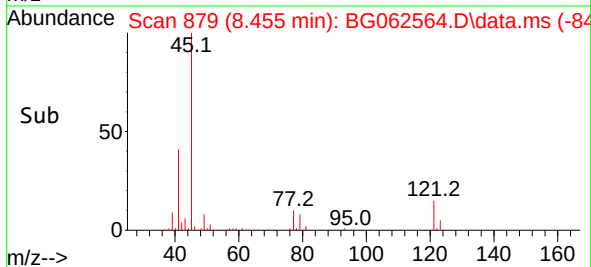
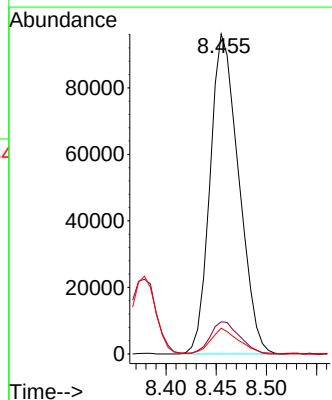
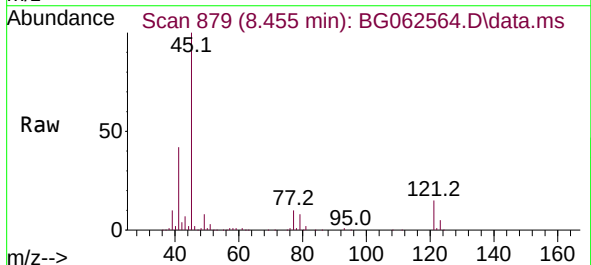
Manual Integrations  
APPROVED

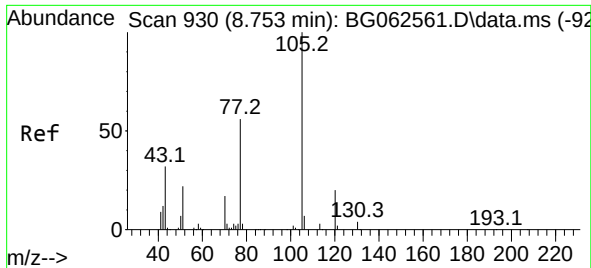
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 15.770 ng/ul  
RT: 8.455 min Scan# 879  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

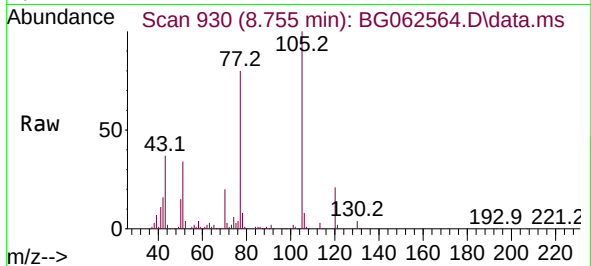
Tgt Ion: 45 Resp: 190708  
Ion Ratio Lower Upper  
45 100  
77 10.1 8.7 13.1  
79 8.1 6.9 10.3





#16  
Acetophenone  
Concen: 15.819 ng/ul  
RT: 8.755 min Scan# 910  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

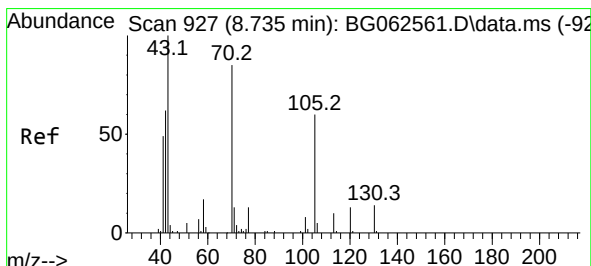
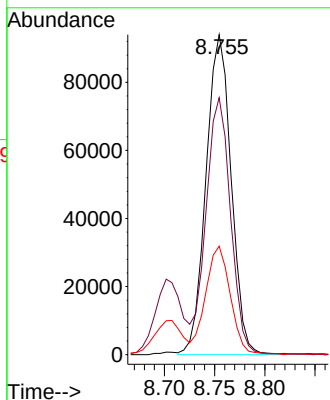
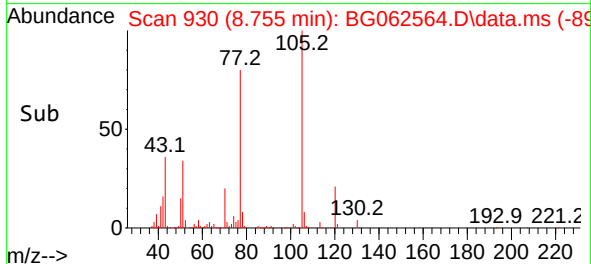
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:105 Resp: 163908  
Ion Ratio Lower Upper  
105 100  
77 80.3 64.6 97.0  
51 33.9 27.8 41.8

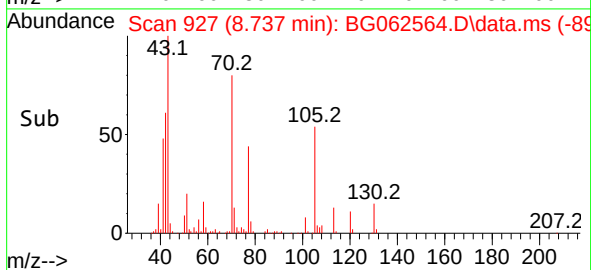
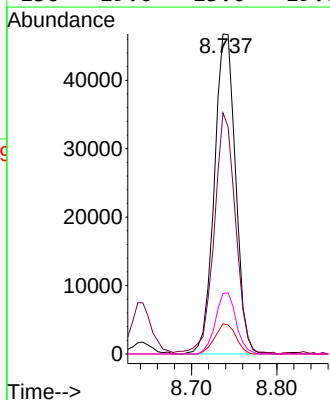
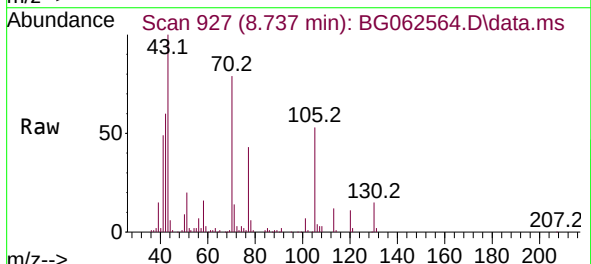
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024

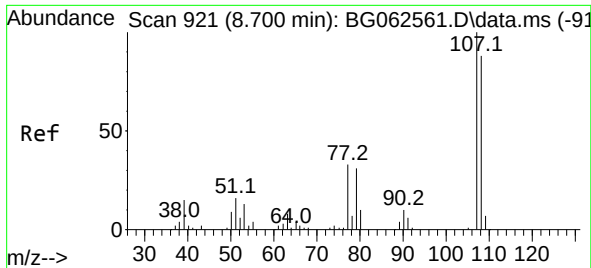


#17  
N-Nitroso-di-n-propylamine  
Concen: 14.821 ng/ul  
RT: 8.737 min Scan# 927  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion: 70 Resp: 81037  
Ion Ratio Lower Upper  
70 100  
42 75.4 58.2 87.2  
101 9.4 7.7 11.5  
130 19.0 13.0 19.6

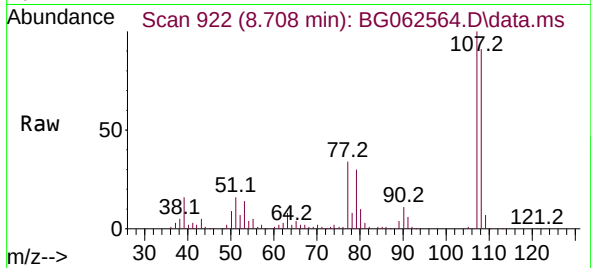






#18  
4-Methylphenol  
Concen: 15.536 ng/ul  
RT: 8.708 min Scan# 911  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

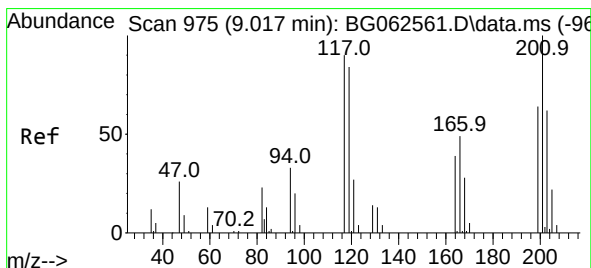
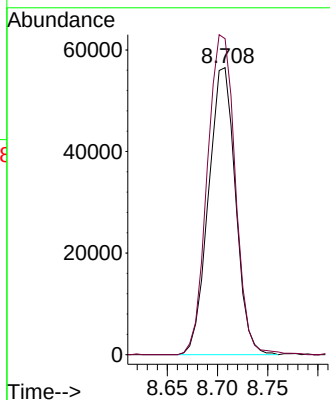
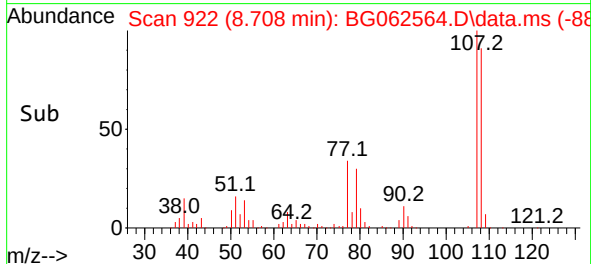
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:108 Resp: 10603  
Ion Ratio Lower Upper  
108 100  
107 110.1 90.1 135.1

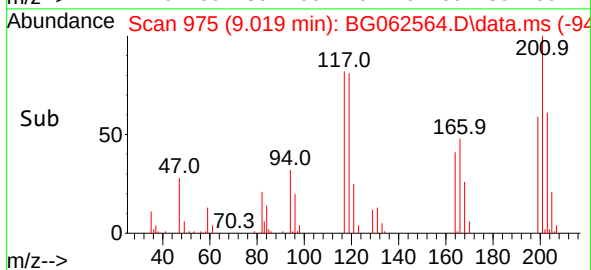
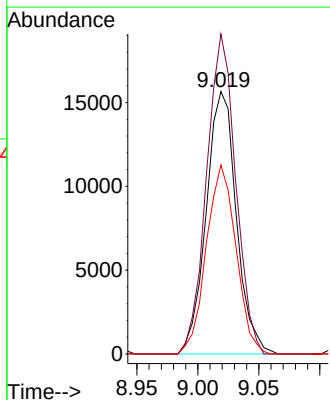
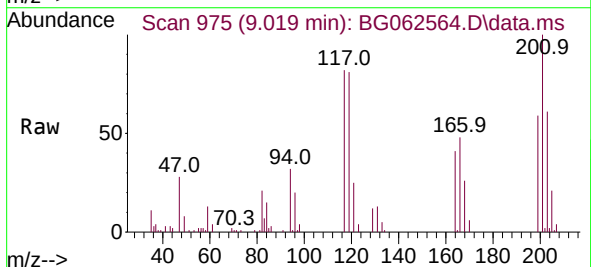
Manual Integrations  
APPROVED

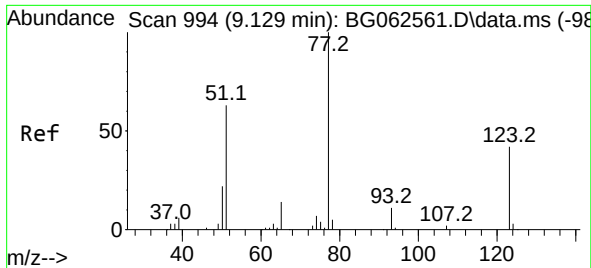
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#19  
Hexachloroethane  
Concen: 12.740 ng/ul  
RT: 9.019 min Scan# 975  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

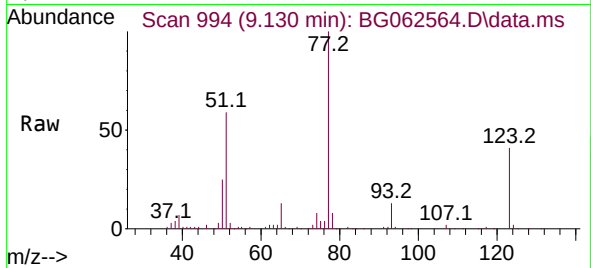
Tgt Ion:117 Resp: 27027  
Ion Ratio Lower Upper  
117 100  
201 121.9 88.8 133.2  
199 72.0 58.9 88.3





#22  
Nitrobenzene  
Concen: 19.223 ng/ul  
RT: 9.130 min Scan# 994  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

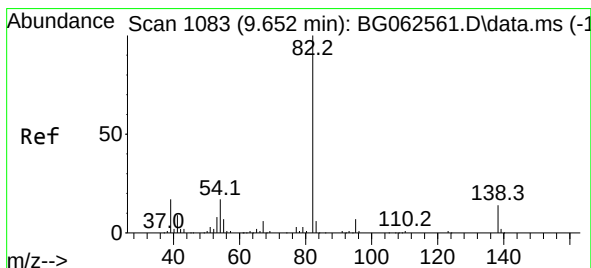
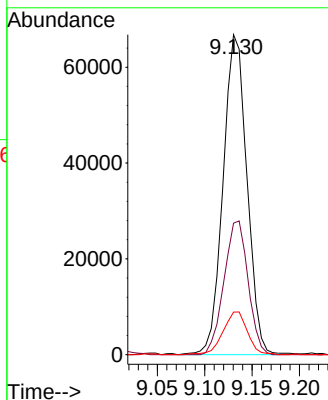
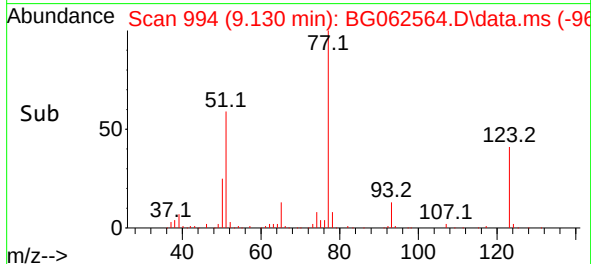
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



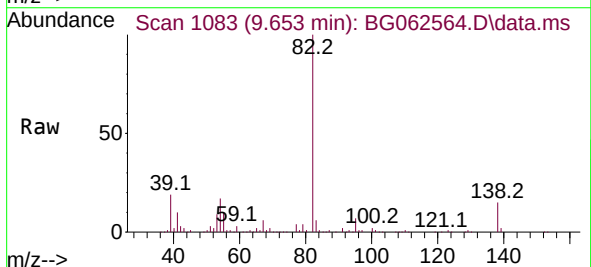
Tgt Ion: 77 Resp: 116984  
Ion Ratio Lower Upper  
77 100  
123 41.1 32.2 48.4  
65 13.3 11.0 16.6

Manual Integrations  
APPROVED

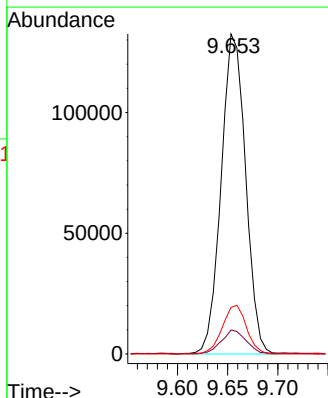
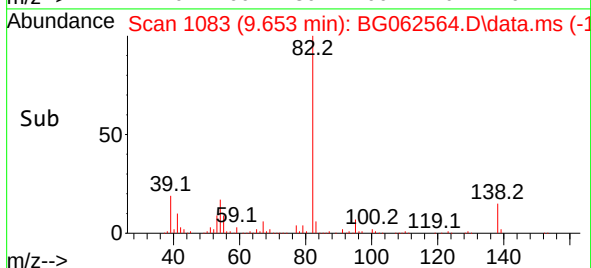
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024

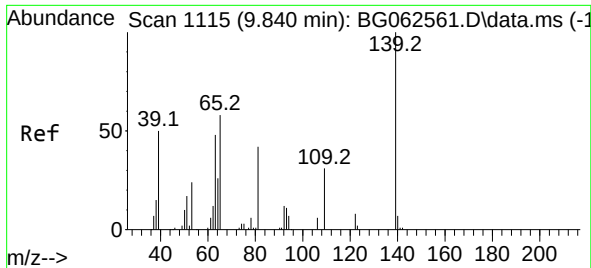


#23  
Isophorone  
Concen: 15.632 ng/ul  
RT: 9.653 min Scan# 1083  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28



Tgt Ion: 82 Resp: 224668  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.4 8.2  
138 14.6 11.8 17.8





#25  
2-Nitrophenol  
Concen: 22.699 ng/ul  
RT: 9.841 min Scan# 1115  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

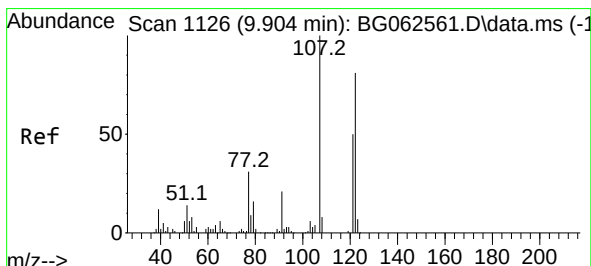
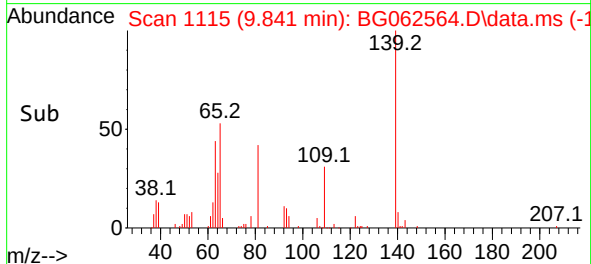
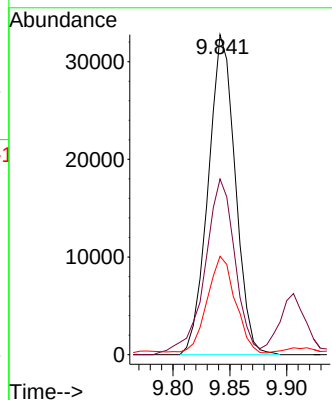
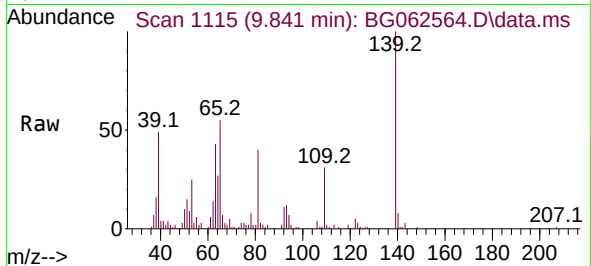
GCN87MS

Tgt Ion:139 Resp: 54350  
Ion Ratio Lower Upper  
139 100  
65 54.9 44.1 66.1  
109 30.8 26.6 40.0

Manual Integrations

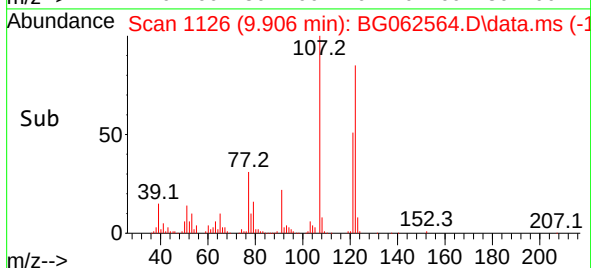
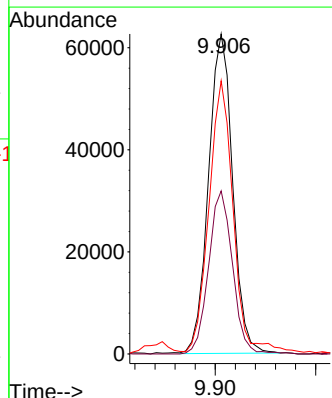
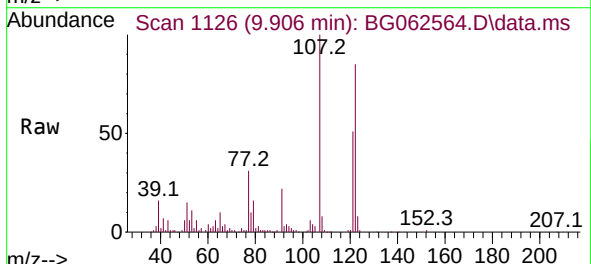
APPROVED

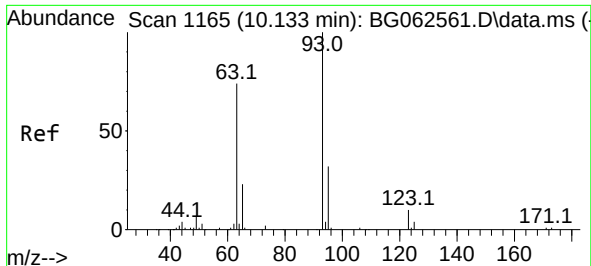
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#26  
2,4-Dimethylphenol  
Concen: 16.004 ng/ul  
RT: 9.906 min Scan# 1126  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:107 Resp: 104502  
Ion Ratio Lower Upper  
107 100  
121 51.0 40.3 60.5  
122 85.3 68.5 102.7





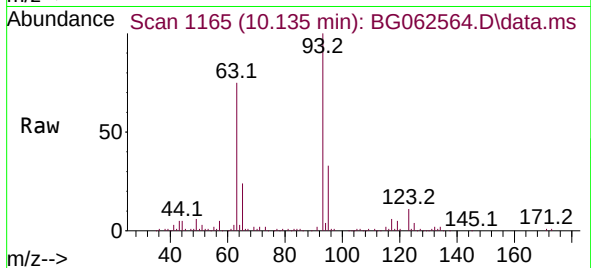
#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 16.003 ng/ul  
 RT: 10.135 min Scan# 1165  
 Delta R.T. -0.009 min  
 Lab File: BG062564.D  
 Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

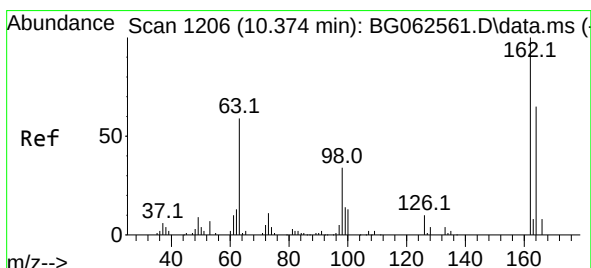
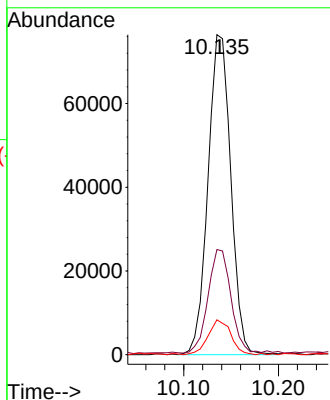
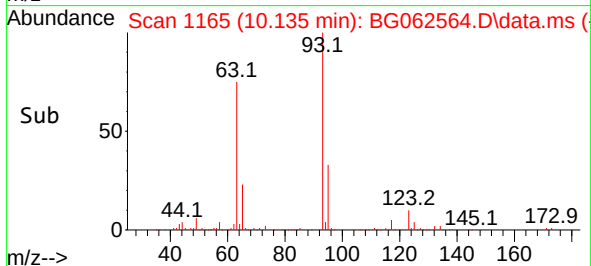


Tgt Ion: 93 Resp: 127935  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 26.3 39.5  
 123 10.9 8.7 13.1

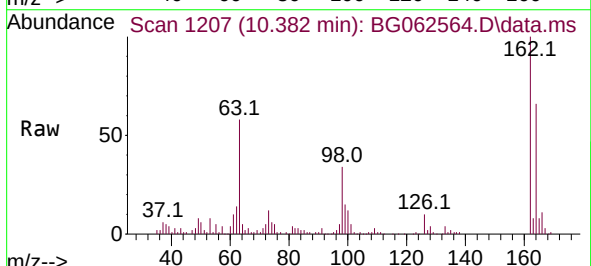
Manual Integrations

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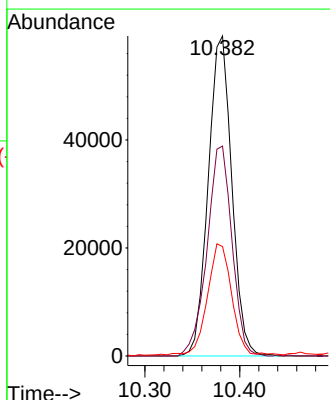
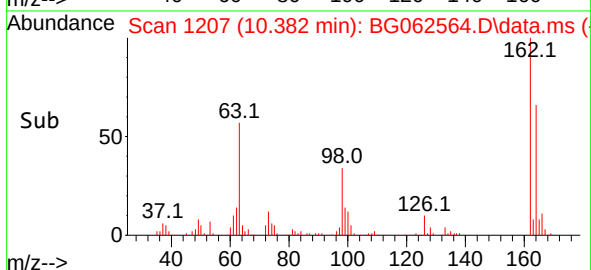
Reviewed By :Yogesh Patel 08/24/2024  
 Supervised By :mohammad ahmed 08/24/2024

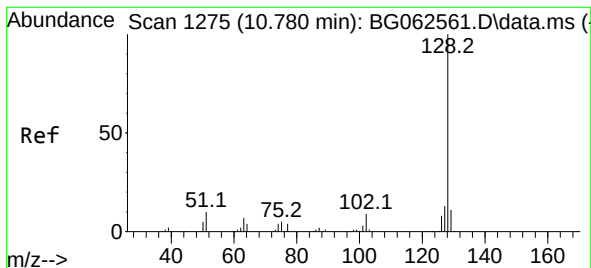


#29  
 2,4-Dichlorophenol  
 Concen: 18.260 ng/ul  
 RT: 10.382 min Scan# 1207  
 Delta R.T. 0.003 min  
 Lab File: BG062564.D  
 Acq: 23 Aug 2024 12:28



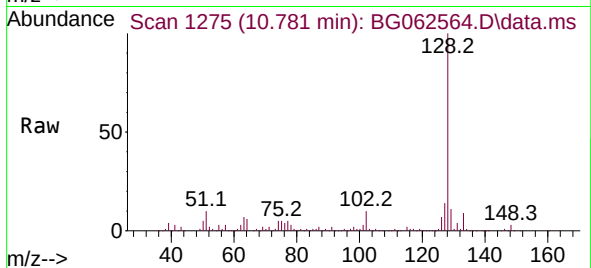
Tgt Ion:162 Resp: 102362  
 Ion Ratio Lower Upper  
 162 100  
 164 65.6 50.6 75.8  
 98 34.2 29.2 43.8





#30  
Naphthalene  
Concen: 16.849 ng/ul  
RT: 10.781 min Scan# 1275  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

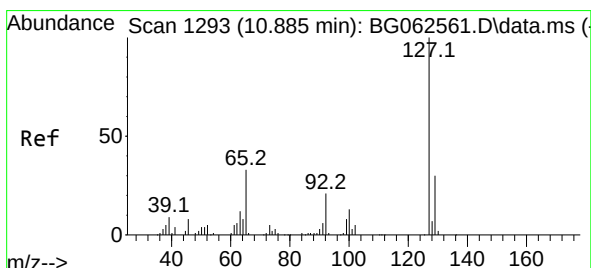
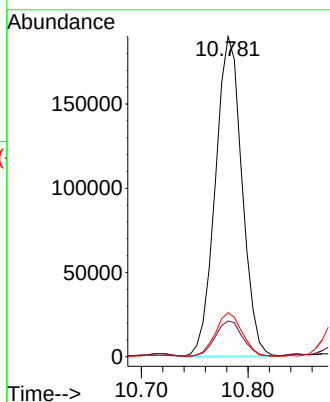
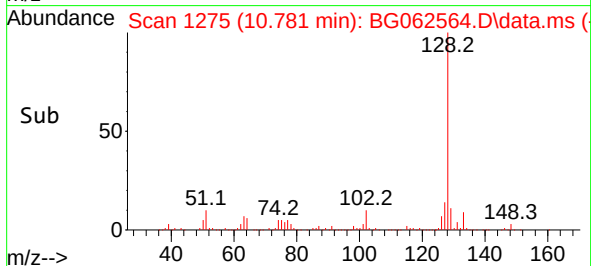
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:128 Resp: 32830  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.7 10.8 16.2

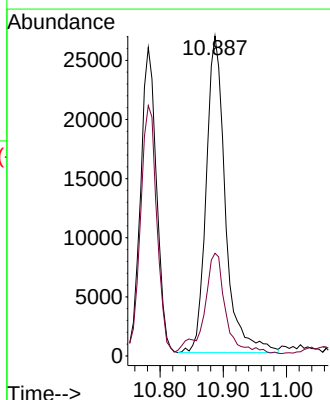
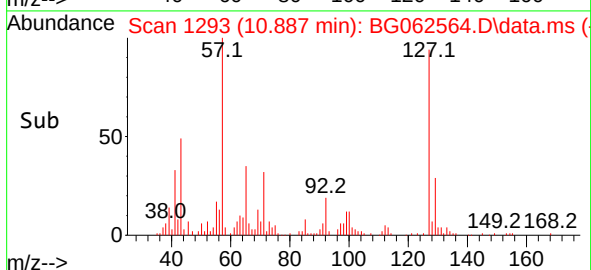
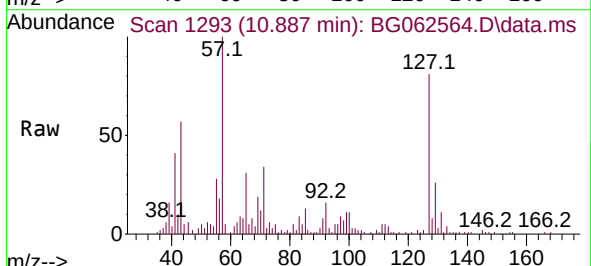
Manual Integrations  
APPROVED

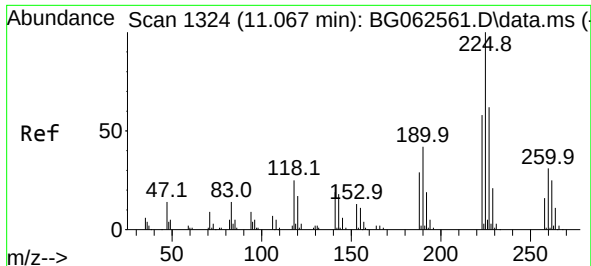
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#32  
4-Chloroaniline  
Concen: 6.703 ng/ul  
RT: 10.887 min Scan# 1293  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

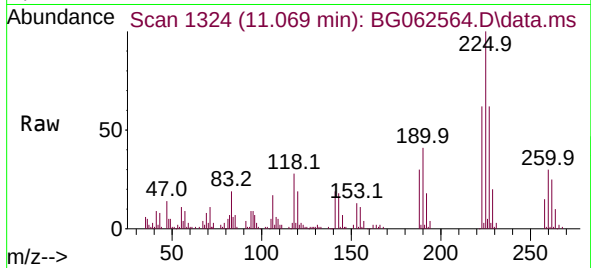
Tgt Ion:127 Resp: 56414  
Ion Ratio Lower Upper  
127 100  
129 32.1 25.0 37.4





#33  
Hexachlorobutadiene  
Concen: 17.947 ng/ul  
RT: 11.069 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

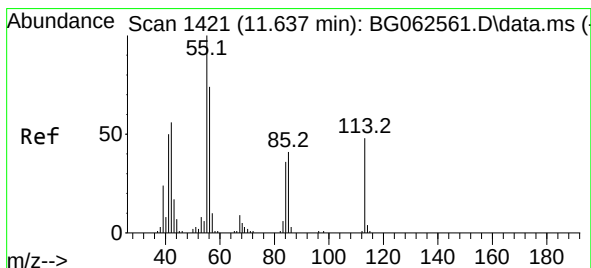
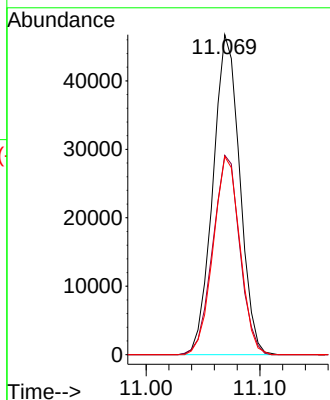
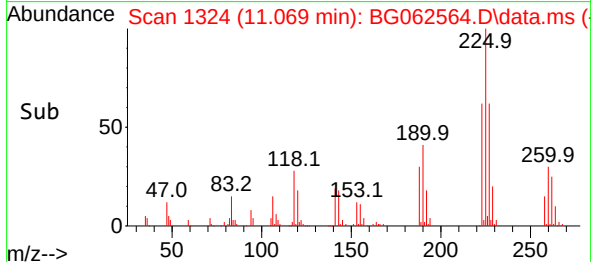
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:225 Resp: 76479  
Ion Ratio Lower Upper  
225 100  
223 62.3 50.2 75.2  
227 61.9 51.7 77.5

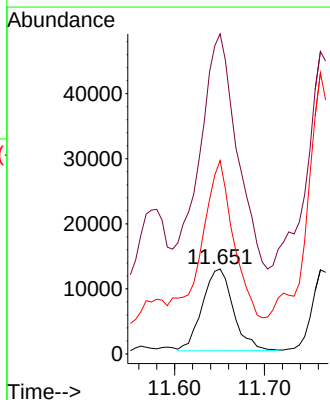
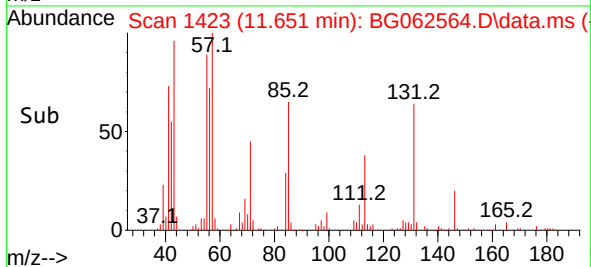
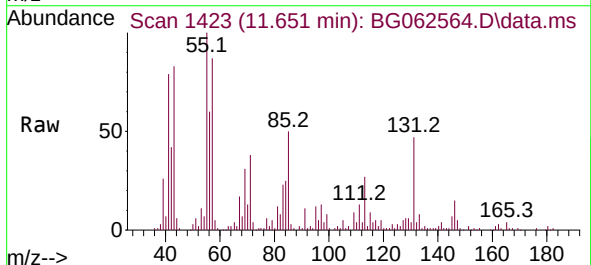
Manual Integrations  
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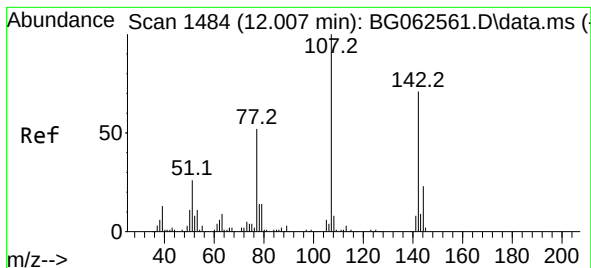
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#34  
Caprolactam  
Concen: 13.294 ng/ul  
RT: 11.651 min Scan# 1423  
Delta R.T. 0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

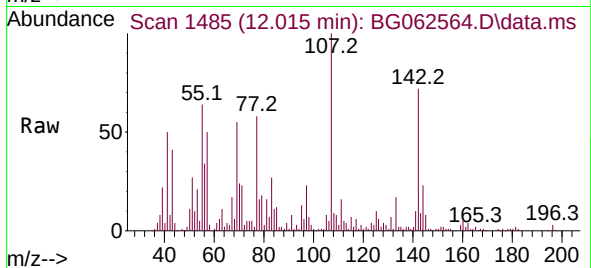
Tgt Ion:113 Resp: 30056  
Ion Ratio Lower Upper  
113 100  
55 376.4 199.8 299.8#  
56 227.5 142.6 213.8#





#35  
4-Chloro-3-methylphenol  
Concen: 16.158 ng/ul  
RT: 12.015 min Scan# 1485  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

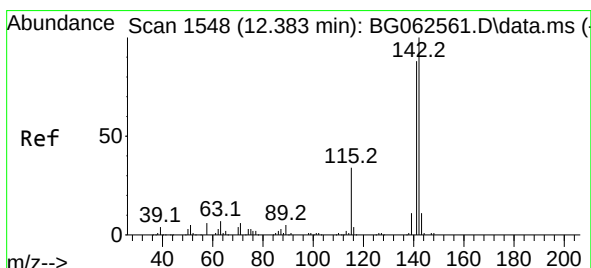
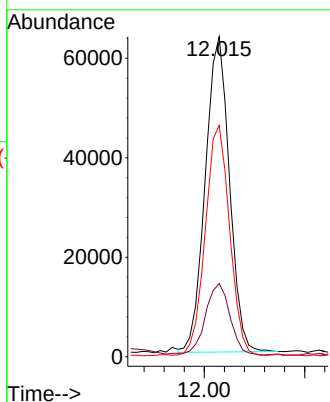
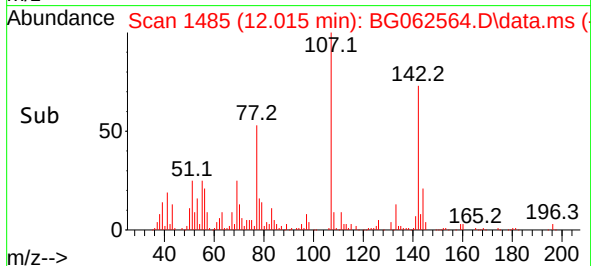
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:107 Resp: 10598  
Ion Ratio Lower Upper  
107 100  
144 22.9 18.8 28.2  
142 72.2 58.4 87.6

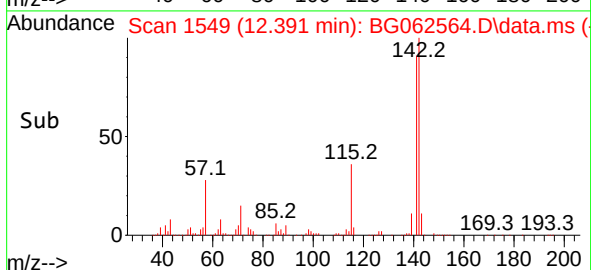
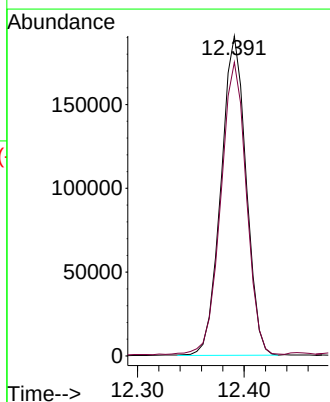
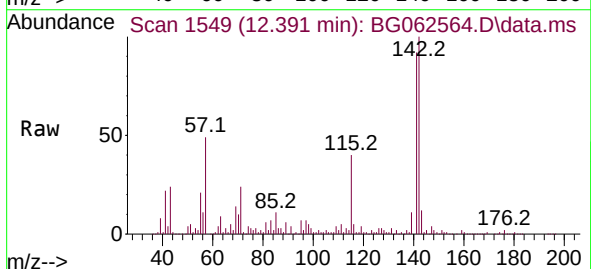
Manual Integrations  
APPROVED

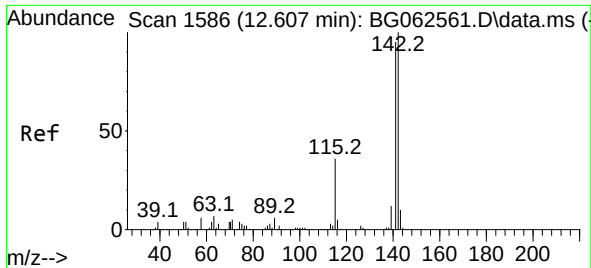
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#36  
2-Methylnaphthalene  
Concen: 22.668 ng/ul  
RT: 12.391 min Scan# 1549  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

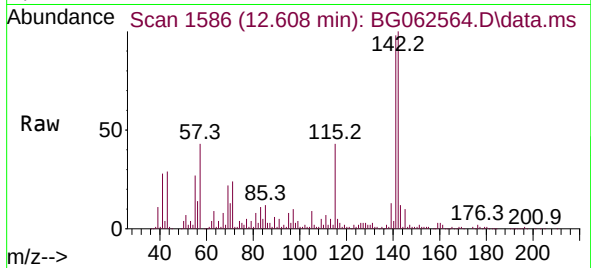
Tgt Ion:142 Resp: 311913  
Ion Ratio Lower Upper  
142 100  
141 91.8 75.0 112.4





#37  
1-Methylnaphthalene  
Concen: 21.193 ng/ul  
RT: 12.608 min Scan# 1586  
Delta R.T. -0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

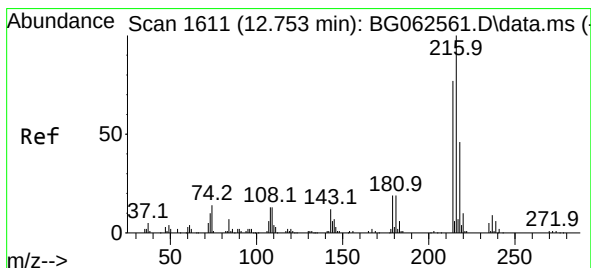
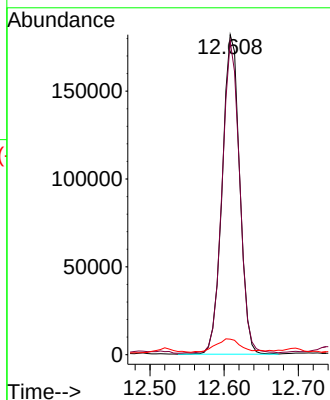
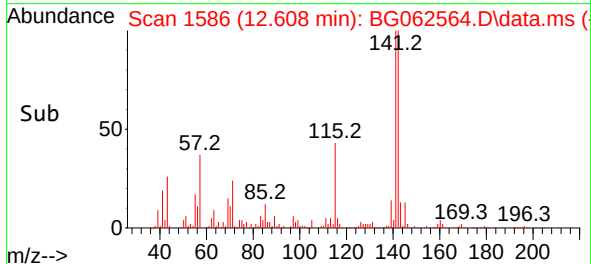
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



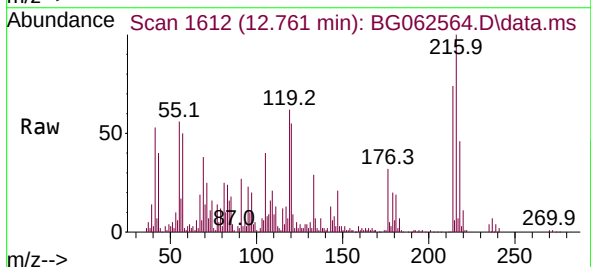
Tgt Ion:142 Resp: 297529  
Ion Ratio Lower Upper  
142 100  
141 98.0 74.3 111.5  
116 4.9 3.2 4.8

Manual Integrations  
APPROVED

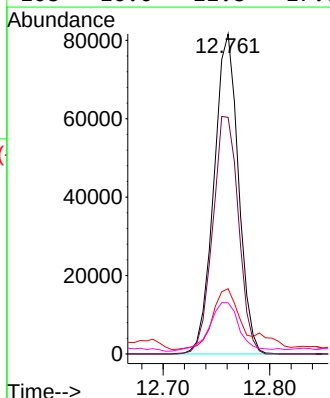
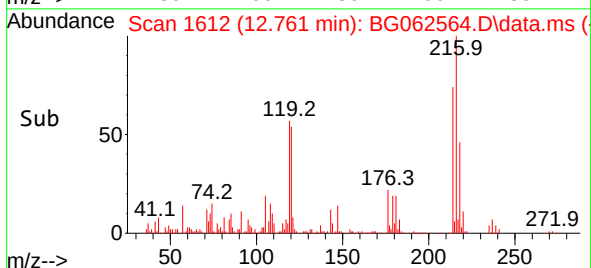
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



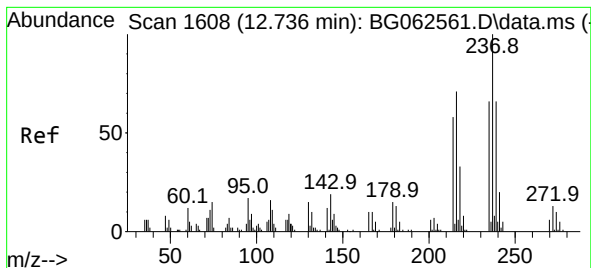
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 19.058 ng/ul  
RT: 12.761 min Scan# 1612  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28



Tgt Ion:216 Resp: 130078  
Ion Ratio Lower Upper  
216 100  
214 73.9 61.7 92.5  
179 20.4 15.4 23.0  
108 16.0 11.8 17.6







#40

Hexachlorocyclopentadiene

Concen: 16.925 ng/ul

RT: 12.737 min Scan# 1608

Delta R.T. -0.003 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

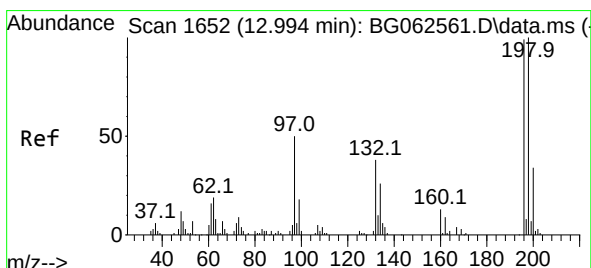
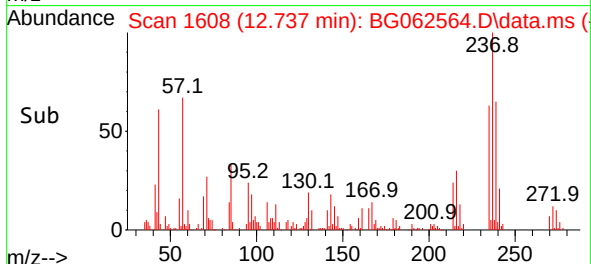
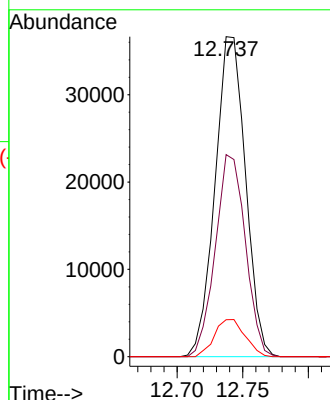
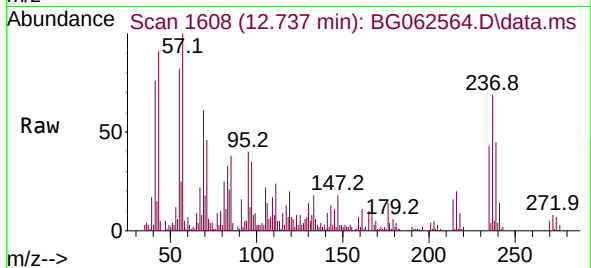
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 59214 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.1  | 50.4  | 75.6  |
| 272       | 11.6  | 10.8  | 16.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#41

2,4,6-Trichlorophenol

Concen: 20.904 ng/ul

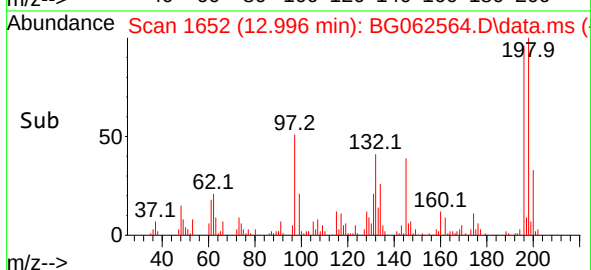
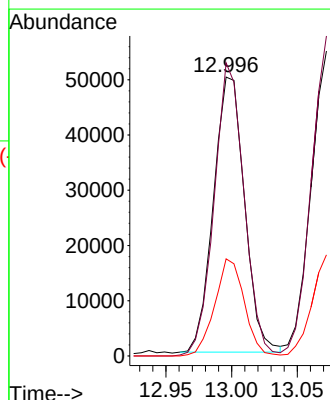
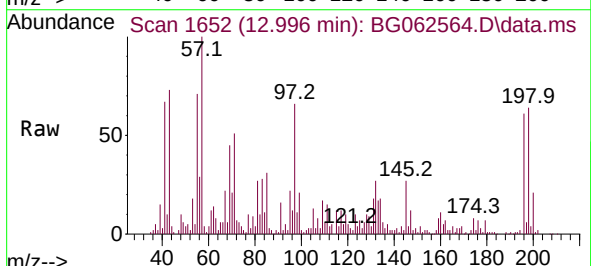
RT: 12.996 min Scan# 1652

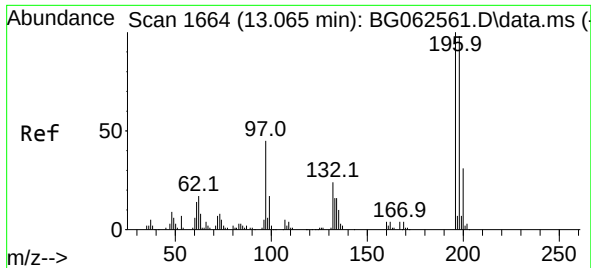
Delta R.T. 0.003 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

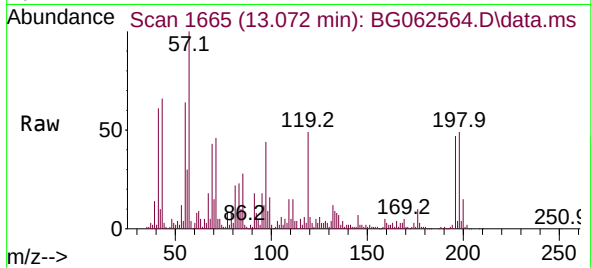
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 82075 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 105.1 | 82.2  | 123.4 |
| 200       | 34.8  | 26.7  | 40.1  |





#42  
2,4,5-Trichlorophenol  
Concen: 20.850 ng/ul  
RT: 13.072 min Scan# 1665  
Delta R.T. 0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

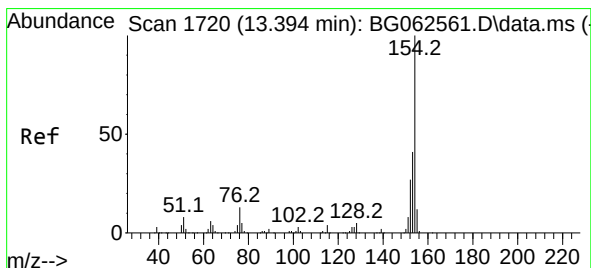
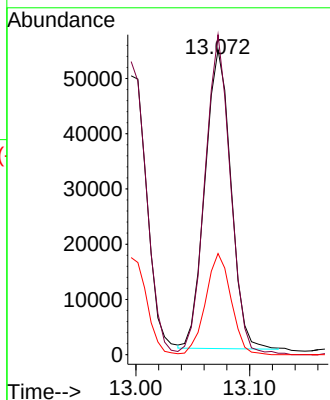
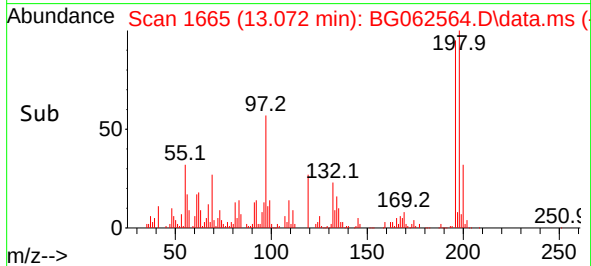
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:196 Resp: 85948  
Ion Ratio Lower Upper  
196 100  
198 104.9 81.4 122.2  
200 33.2 27.8 41.6

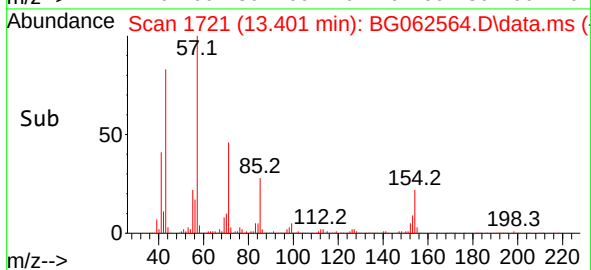
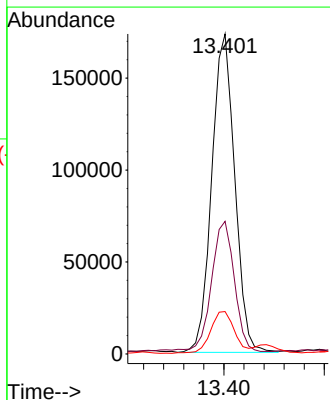
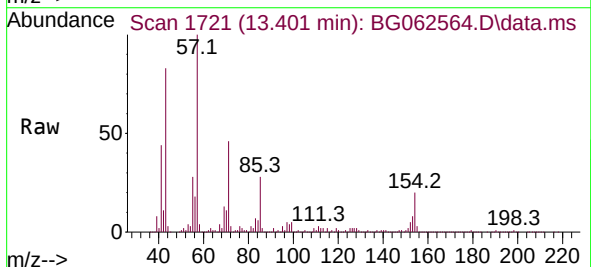
Manual Integrations  
APPROVED

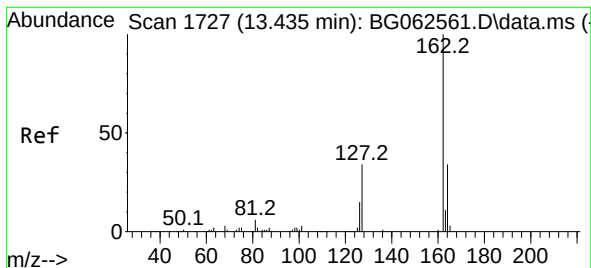
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#43  
1,1'-Biphenyl  
Concen: 17.794 ng/ul  
RT: 13.401 min Scan# 1721  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:154 Resp: 275530  
Ion Ratio Lower Upper  
154 100  
153 41.5 31.8 47.8  
76 13.3 10.4 15.6





#44

2-Chloronaphthalene

Concen: 18.719 ng/ul

RT: 13.442 min Scan# 1728

Delta R.T. 0.003 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

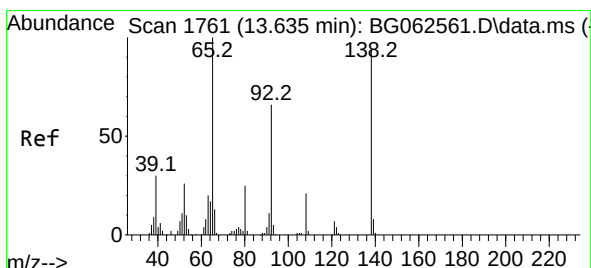
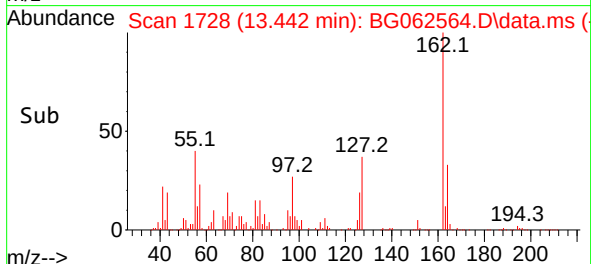
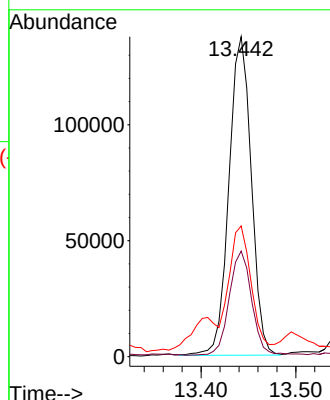
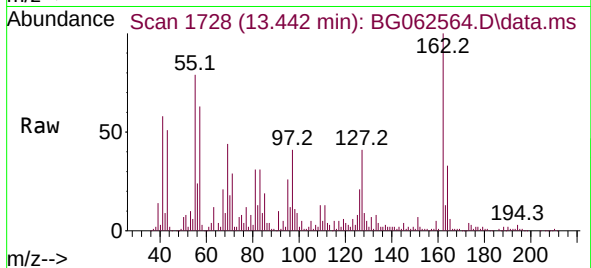
Tgt Ion:162 Resp: 224290  
 Ion Ratio Lower Upper  
 162 100  
 164 33.0 26.2 39.2  
 127 40.8 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#45

2-Nitroaniline

Concen: 28.243 ng/ul

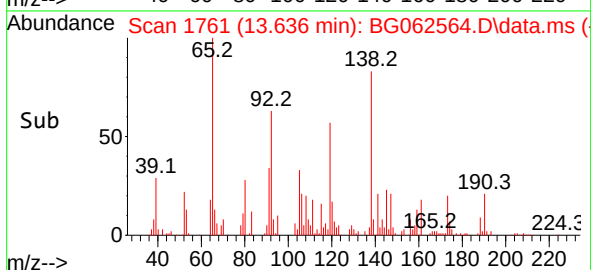
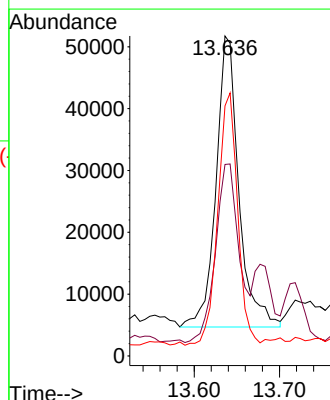
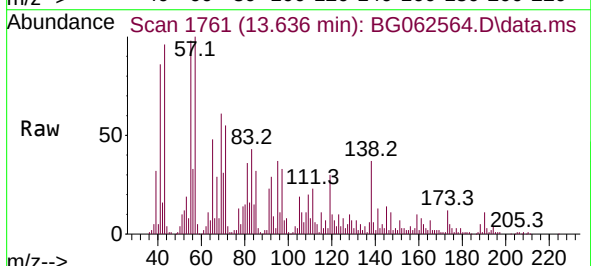
RT: 13.636 min Scan# 1761

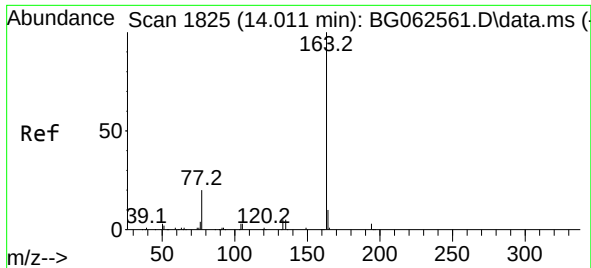
Delta R.T. -0.003 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

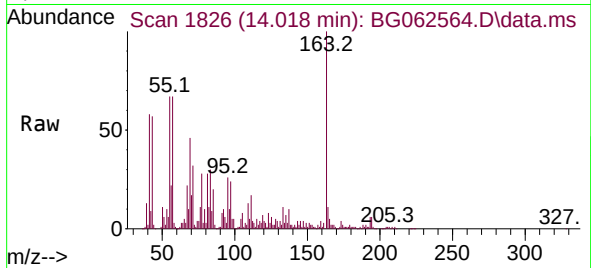
Tgt Ion: 65 Resp: 87653  
 Ion Ratio Lower Upper  
 65 100  
 92 59.9 54.0 81.0  
 138 78.2 70.1 105.1





#47  
Dimethylphthalate  
Concen: 16.934 ng/ul  
RT: 14.018 min Scan# 1825  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

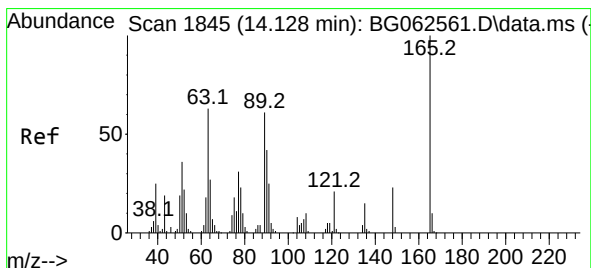
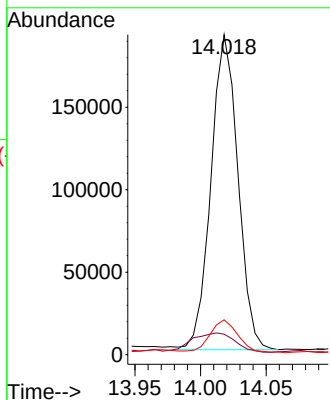
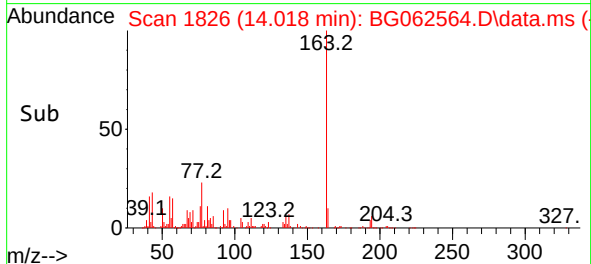
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:163 Resp: 272944  
Ion Ratio Lower Upper  
163 100  
194 6.4 2.8 4.2  
164 10.9 8.1 12.1

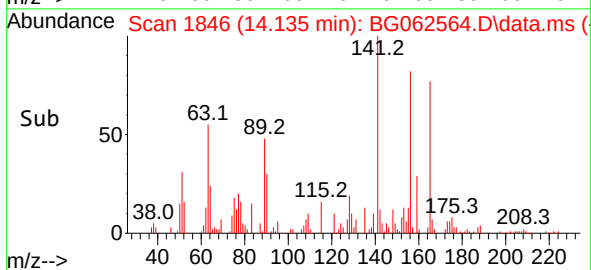
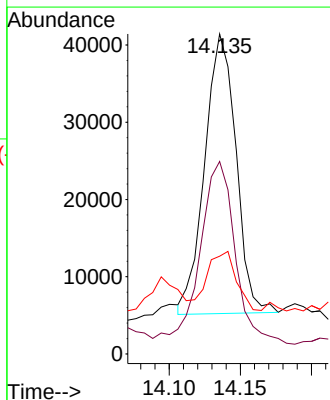
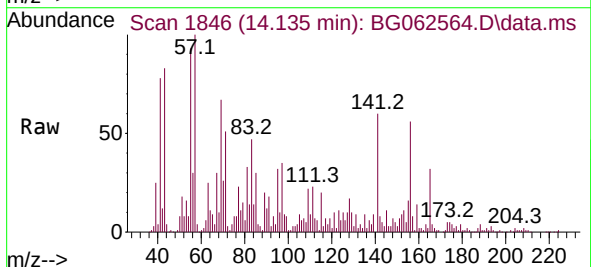
Manual Integrations  
APPROVED

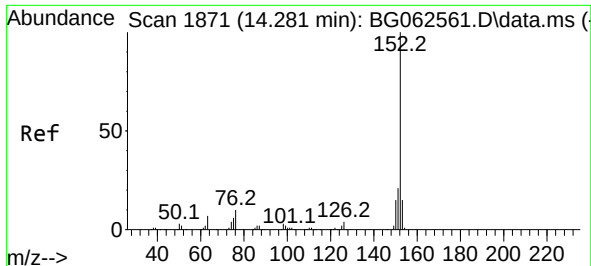
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#48  
2,6-Dinitrotoluene  
Concen: 24.069 ng/ul  
RT: 14.135 min Scan# 1846  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

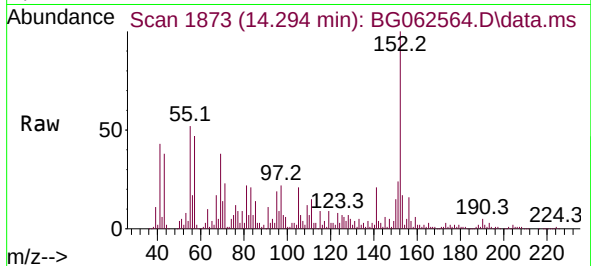
Tgt Ion:165 Resp: 55409  
Ion Ratio Lower Upper  
165 100  
89 60.1 54.3 81.5  
121 30.5 21.0 31.6





#50  
Acenaphthylene  
Concen: 17.640 ng/ul  
RT: 14.294 min Scan# 1873  
Delta R.T. 0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

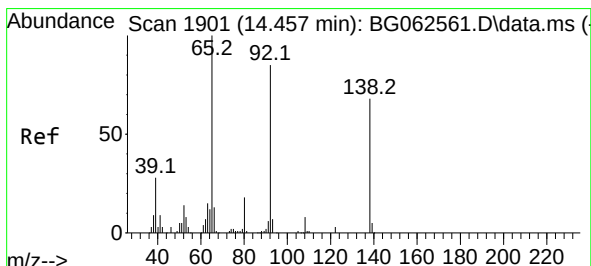
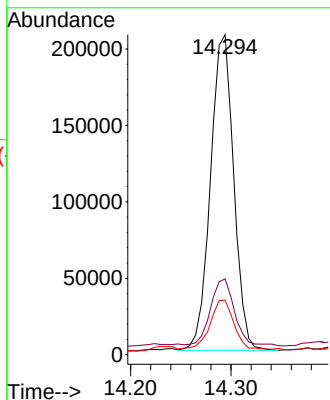
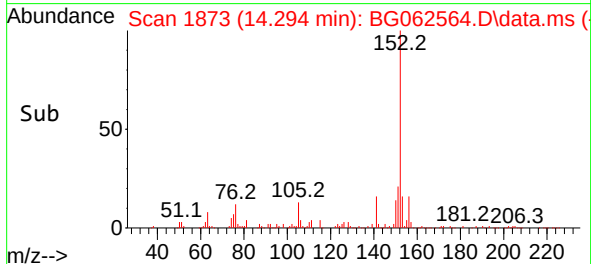
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:152 Resp: 332460  
Ion Ratio Lower Upper  
152 100  
151 23.7 15.7 23.5  
153 17.0 10.7 16.1

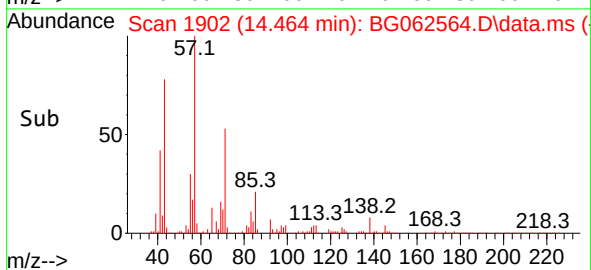
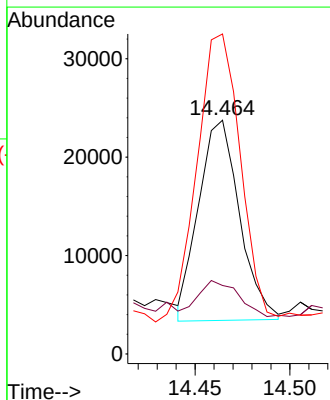
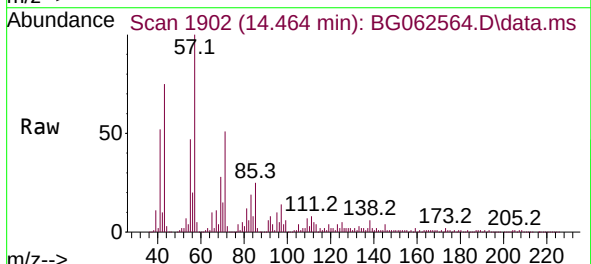
Manual Integrations  
APPROVED

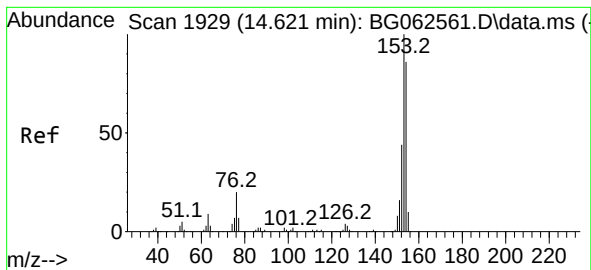
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#51  
3-Nitroaniline  
Concen: 11.643 ng/ul  
RT: 14.464 min Scan# 1902  
Delta R.T. 0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:138 Resp: 30540  
Ion Ratio Lower Upper  
138 100  
108 29.3 10.7 16.1#  
92 136.9 103.0 154.4





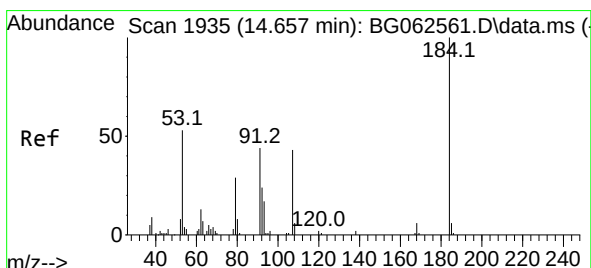
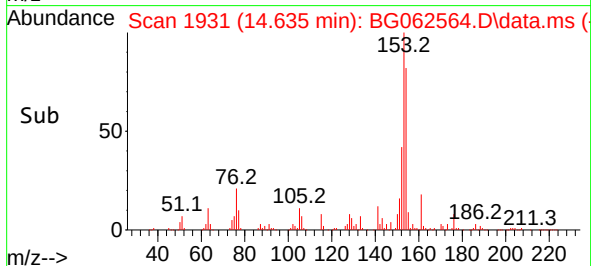
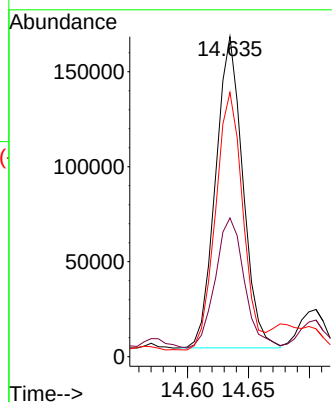
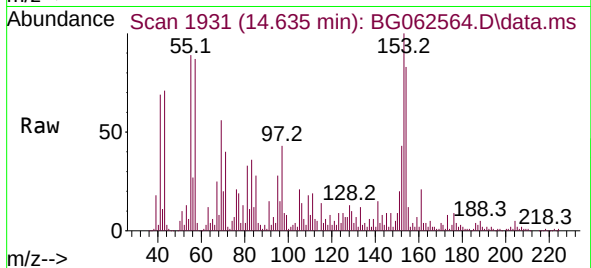
#52  
Acenaphthene  
Concen: 18.056 ng/ul  
RT: 14.635 min Scan# 1931  
Delta R.T. 0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS

Tgt Ion:153 Resp: 25468  
Ion Ratio Lower Upper  
153 100  
152 43.4 35.7 53.5  
154 82.6 66.7 100.1

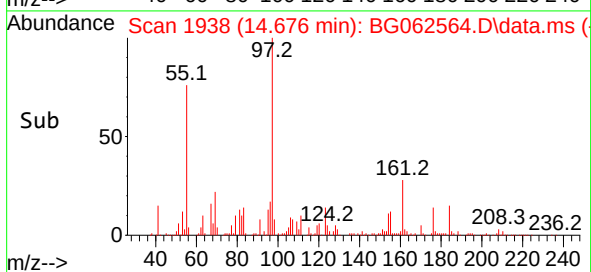
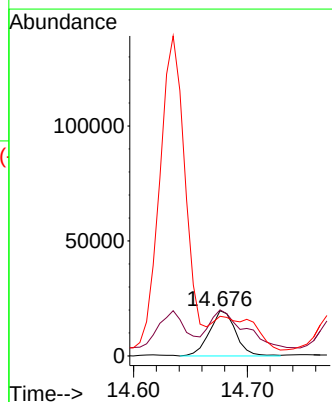
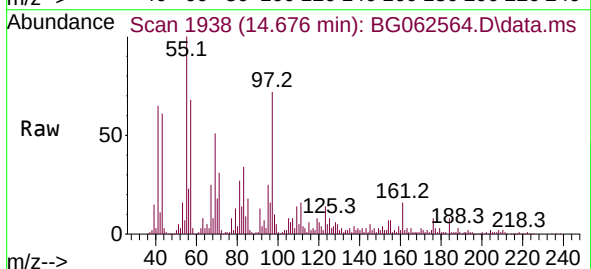
Manual Integrations  
APPROVED

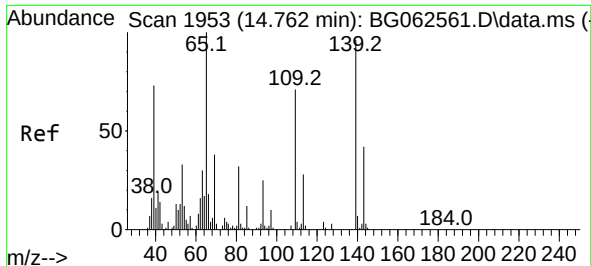
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#53  
2,4-Dinitrophenol  
Concen: 21.673 ng/ul  
RT: 14.676 min Scan# 1938  
Delta R.T. 0.015 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

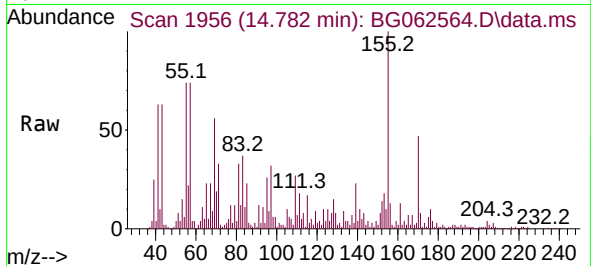
Tgt Ion:184 Resp: 31471  
Ion Ratio Lower Upper  
184 100  
63 101.7 47.8 71.6#  
154 87.4 45.8 68.8#





#55  
4-Nitrophenol  
Concen: 18.179 ng/ul  
RT: 14.782 min Scan# 1953  
Delta R.T. 0.015 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

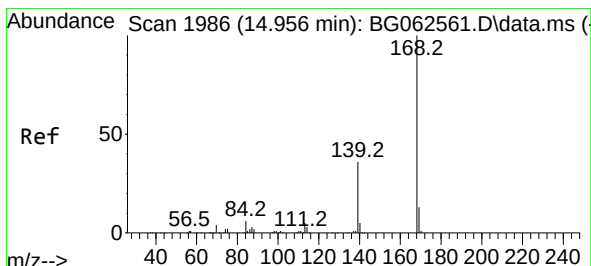
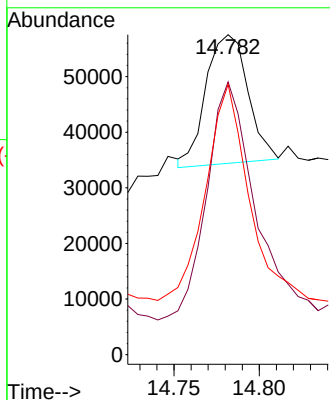
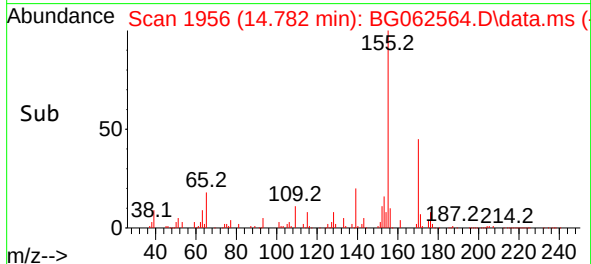
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:109 Resp: 39579  
Ion Ratio Lower Upper  
109 100  
139 85.3 101.4 152.0  
65 84.5 112.8 169.2

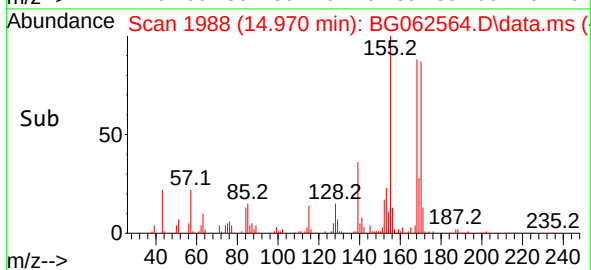
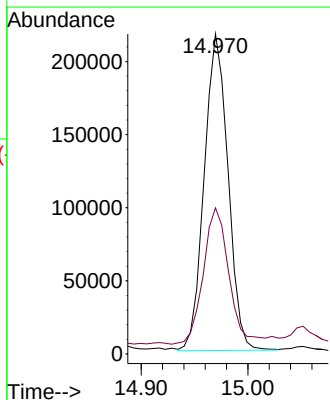
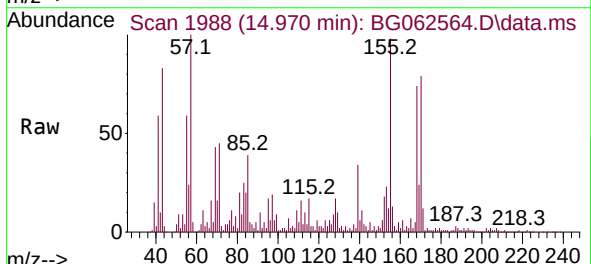
Manual Integrations  
APPROVED

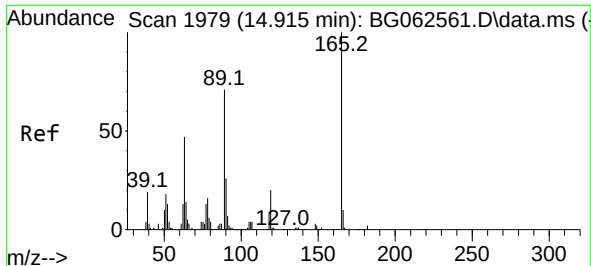
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#56  
Dibenzofuran  
Concen: 16.897 ng/ul  
RT: 14.970 min Scan# 1988  
Delta R.T. 0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

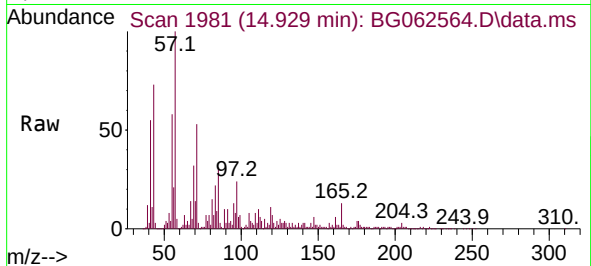
Tgt Ion:168 Resp: 335265  
Ion Ratio Lower Upper  
168 100  
139 45.6 27.8 41.6#





#57  
2,4-Dinitrotoluene  
Concen: 17.360 ng/ul  
RT: 14.929 min Scan# 1979  
Delta R.T. 0.015 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

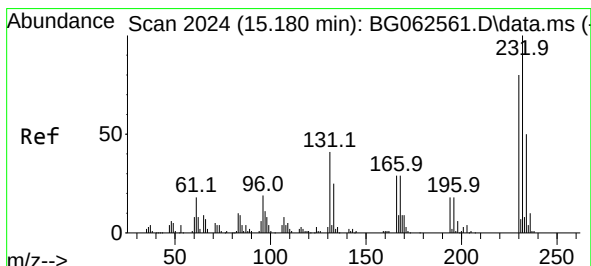
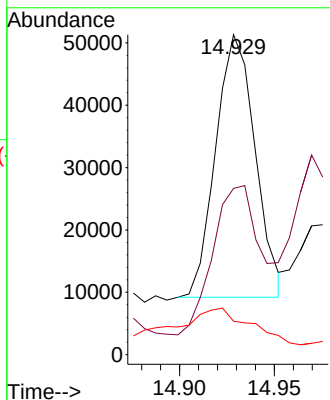
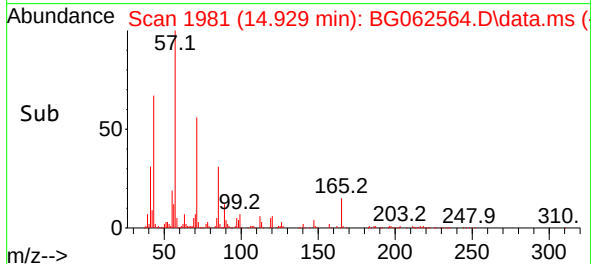
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:165 Resp: 6083  
Ion Ratio Lower Upper  
165 100  
63 51.9 39.4 59.2  
182 10.5 1.8 2.6

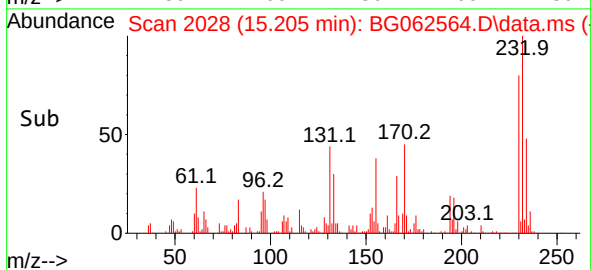
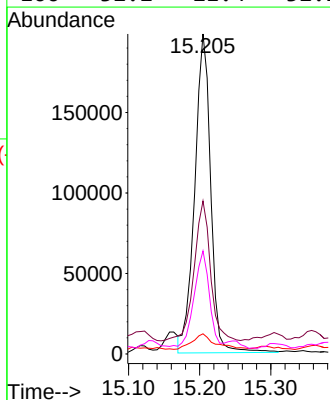
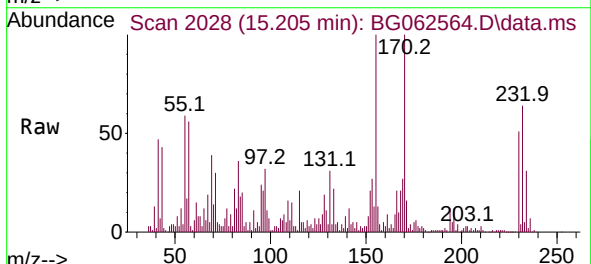
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024

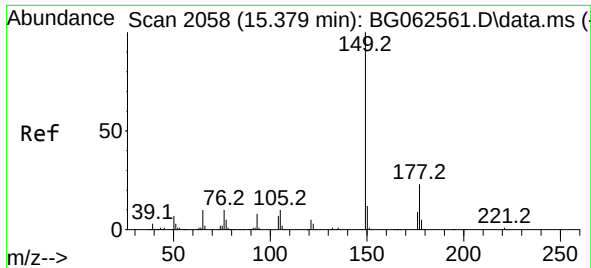


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 78.358 ng/ul  
RT: 15.205 min Scan# 2028  
Delta R.T. 0.021 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:232 Resp: 310557  
Ion Ratio Lower Upper  
232 100  
131 47.8 28.7 43.1#  
130 6.3 1.5 2.3#  
166 32.2 21.4 32.2#

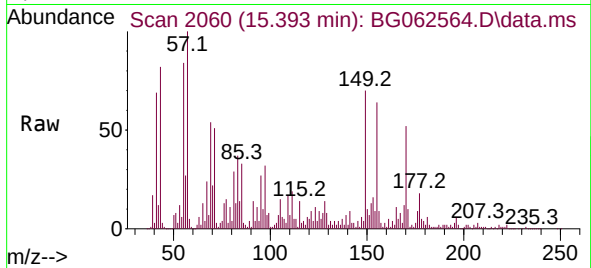






#59  
Diethylphthalate  
Concen: 15.397 ng/ul  
RT: 15.393 min Scan# 2060  
Delta R.T. 0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

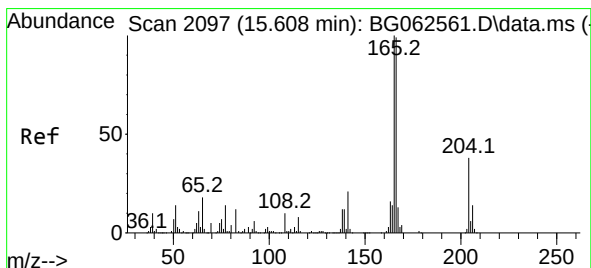
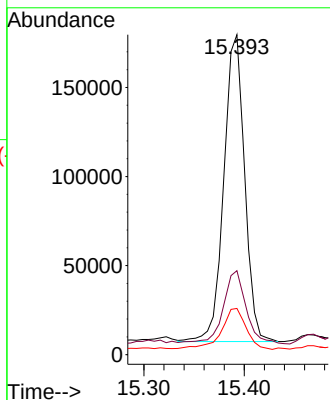
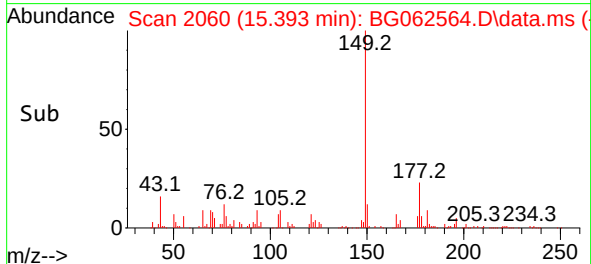
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:149 Resp: 247668  
Ion Ratio Lower Upper  
149 100  
177 26.2 19.4 29.2  
150 14.4 9.4 14.2

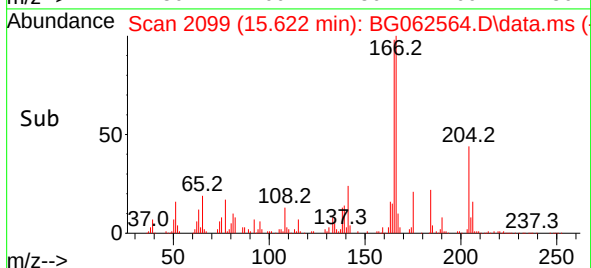
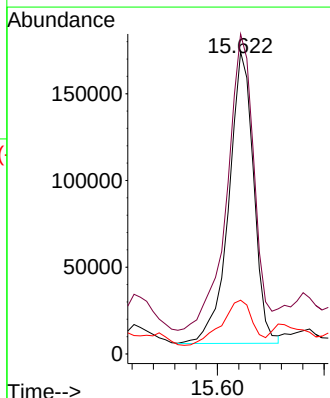
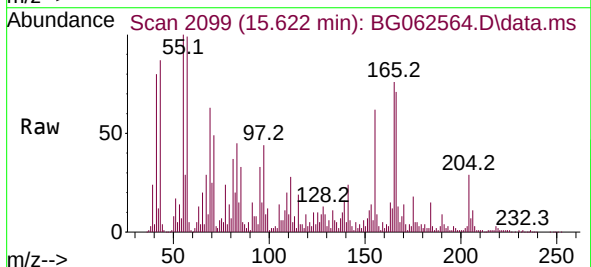
Manual Integrations  
APPROVED

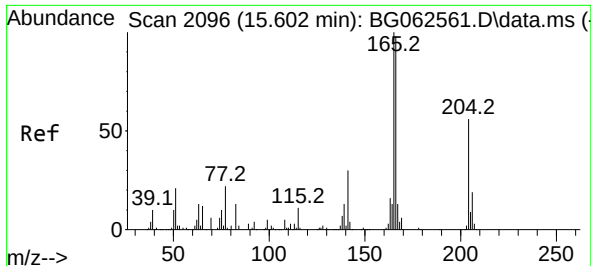
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#61  
Fluorene  
Concen: 17.460 ng/ul  
RT: 15.622 min Scan# 2099  
Delta R.T. 0.015 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:166 Resp: 273062  
Ion Ratio Lower Upper  
166 100  
165 105.9 81.0 121.6  
167 17.8 10.6 16.0





#62  
4-Chlorophenyl-phenylether  
Concen: 14.992 ng/ul  
RT: 15.616 min Scan# 2098  
Delta R.T. 0.015 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

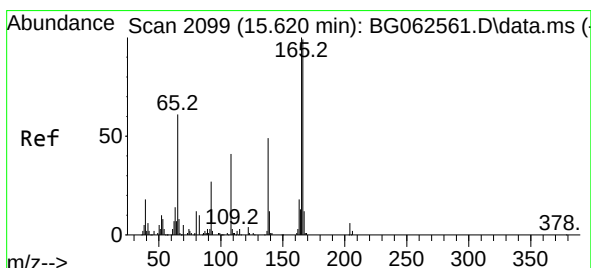
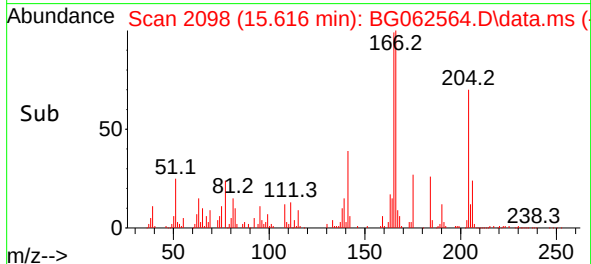
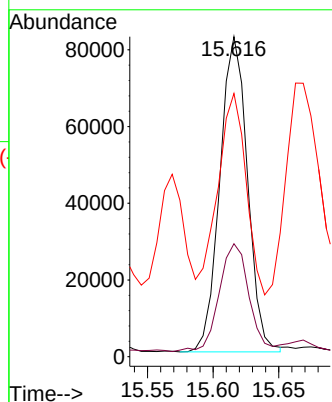
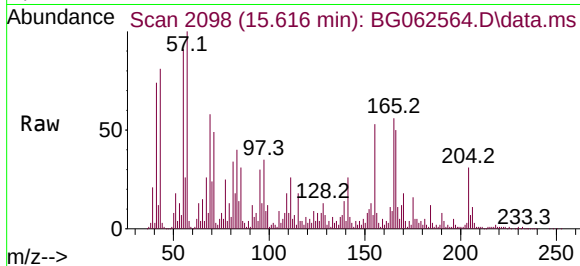
GCN87MS

Tgt Ion:204 Resp: 12048  
Ion Ratio Lower Upper  
204 100  
206 35.3 28.1 42.1  
141 82.3 45.7 68.5

Manual Integrations

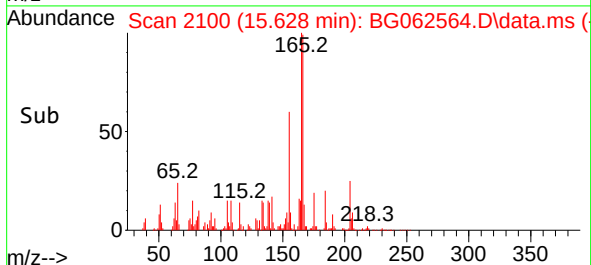
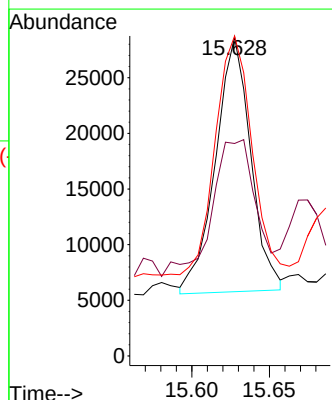
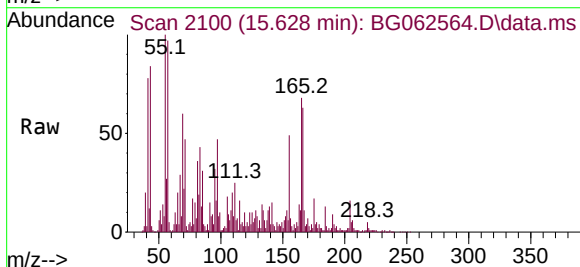
APPROVED

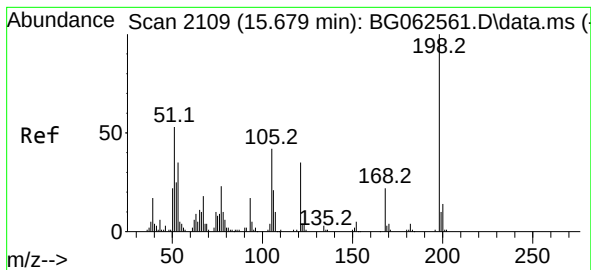
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#63  
4-Nitroaniline  
Concen: 13.165 ng/ul  
RT: 15.628 min Scan# 2100  
Delta R.T. 0.009 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:138 Resp: 36094  
Ion Ratio Lower Upper  
138 100  
92 66.6 52.1 78.1  
108 100.3 71.4 107.2





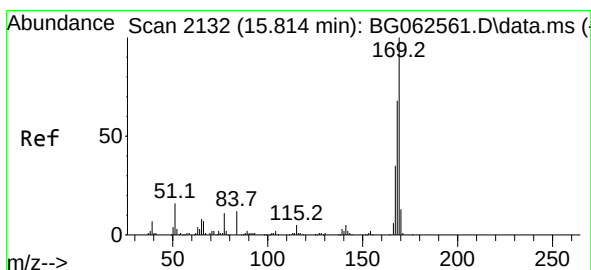
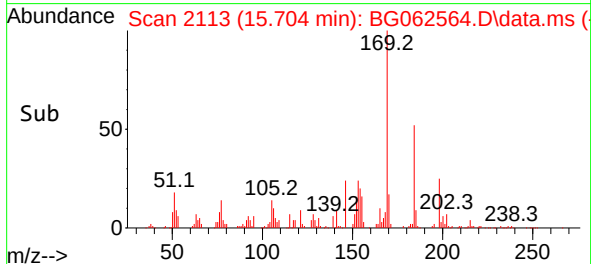
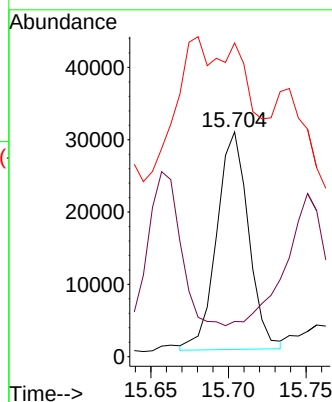
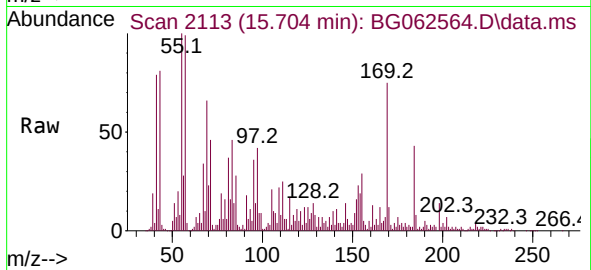
#66  
4,6-Dinitro-2-methylphenol  
Concen: 25.413 ng/ul  
RT: 15.704 min Scan# 2113  
Delta R.T. 0.026 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS

Tgt Ion:198 Resp: 4296  
Ion Ratio Lower Upper  
198 100  
182 15.7 4.2 6.4  
77 139.6 18.3 27.5

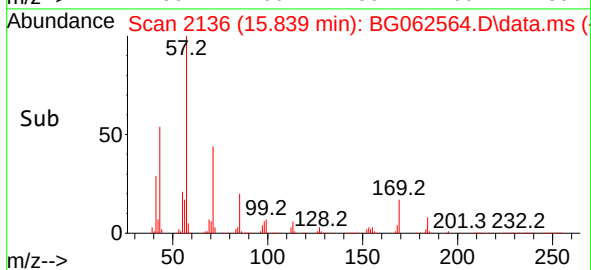
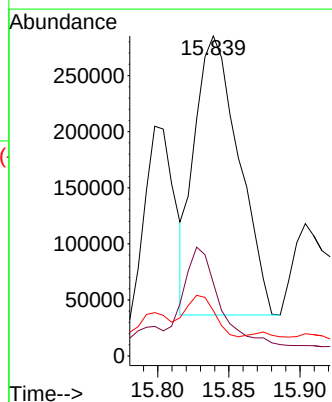
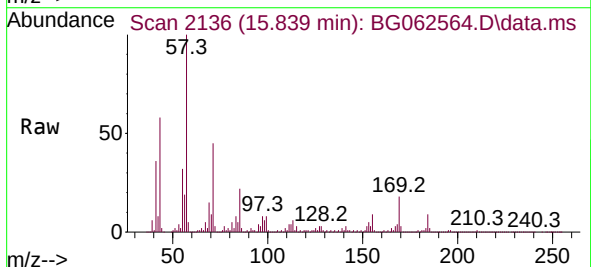
Manual Integrations  
APPROVED

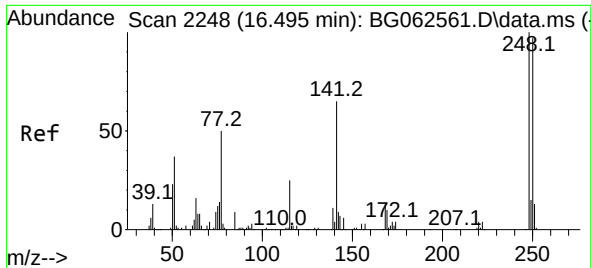
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#67  
N-Nitrosodiphenylamine  
Concen: 56.193 ng/ul  
RT: 15.839 min Scan# 2136  
Delta R.T. 0.026 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:169 Resp: 537912  
Ion Ratio Lower Upper  
169 100  
168 22.8 55.0 82.4#  
167 14.1 29.8 44.6#





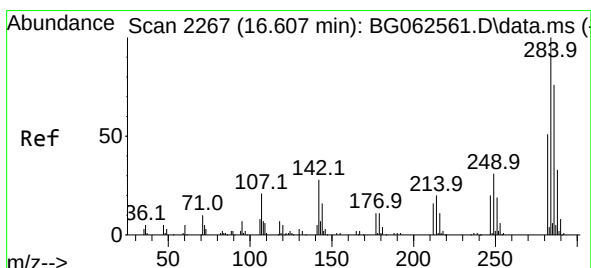
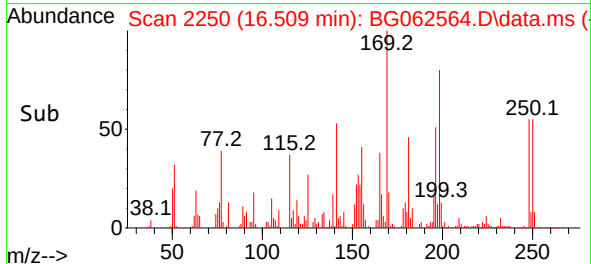
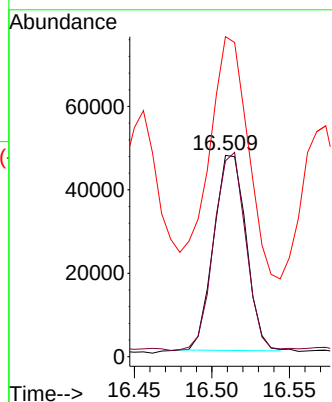
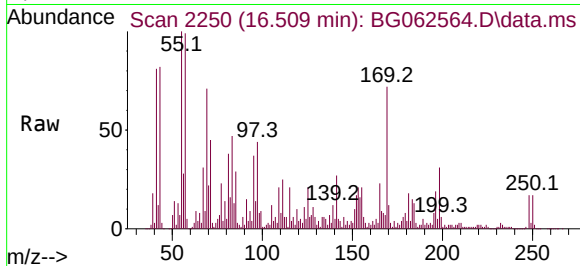
#68  
4-Bromophenyl-phenylether  
Concen: 18.400 ng/ul  
RT: 16.509 min Scan# 2250  
Delta R.T. 0.015 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS

Tgt Ion:248 Resp: 6818  
Ion Ratio Lower Upper  
248 100  
250 97.3 81.3 121.9  
141 158.9 52.1 78.1

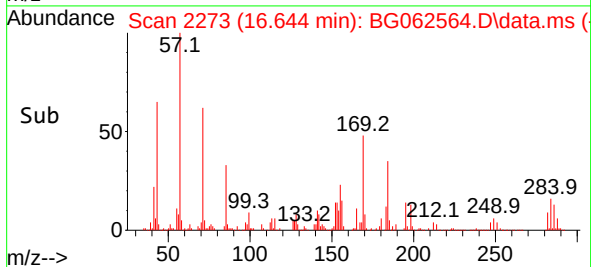
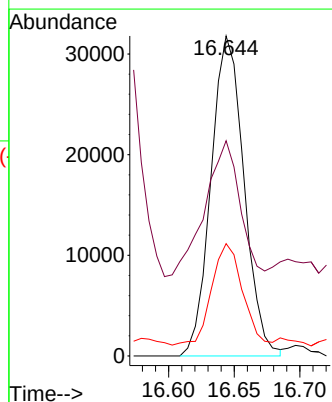
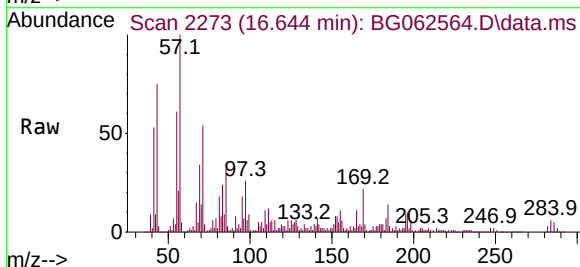
Manual Integrations  
APPROVED

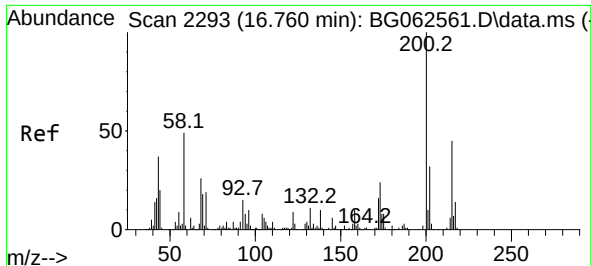
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#69  
Hexachlorobenzene  
Concen: 12.883 ng/ul  
RT: 16.644 min Scan# 2273  
Delta R.T. 0.032 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

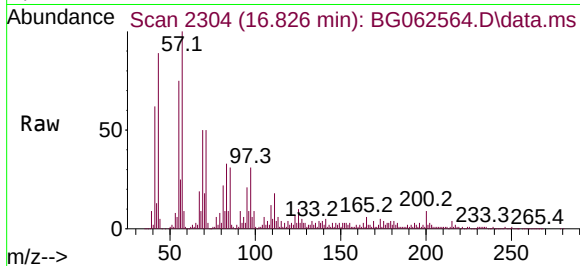
Tgt Ion:284 Resp: 55624  
Ion Ratio Lower Upper  
284 100  
142 67.2 23.0 34.4#  
249 35.1 24.5 36.7





#70  
Atrazine  
Concen: 13.090 ng/ul m  
RT: 16.826 min Scan# 21  
Delta R.T. 0.062 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

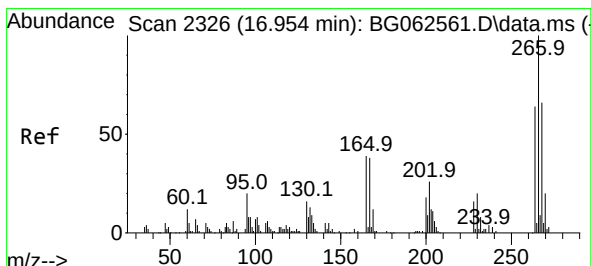
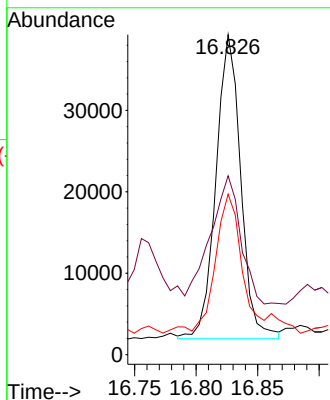
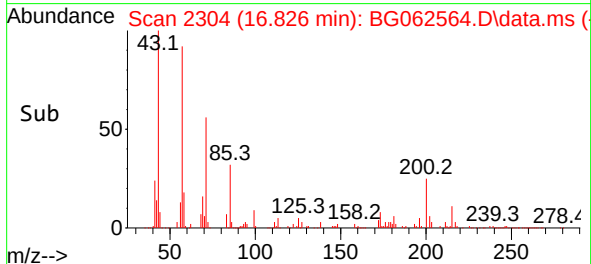
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



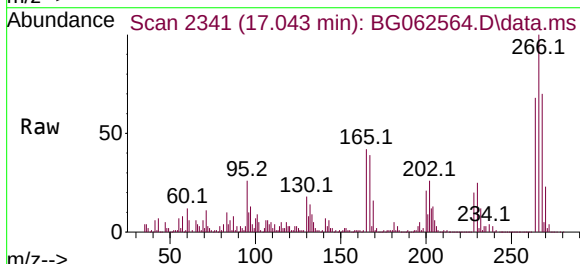
Tgt Ion:200 Resp: 5224  
Ion Ratio Lower Upper  
200 100  
173 55.9 20.0 30.0  
215 50.1 37.9 56.9

Manual Integrations  
APPROVED

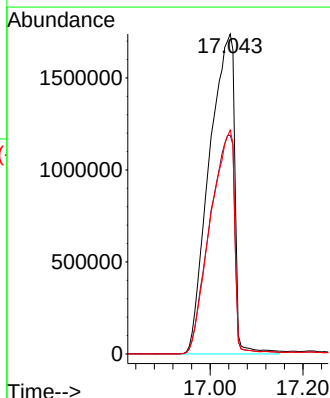
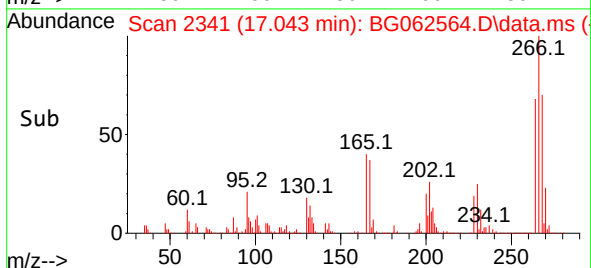
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024

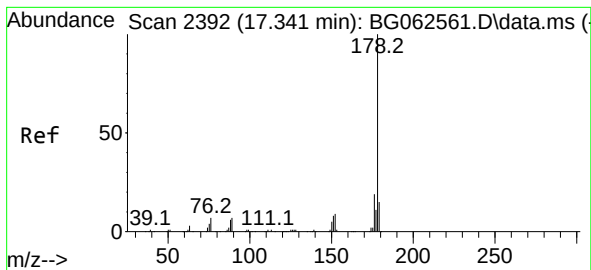


#71  
Pentachlorophenol  
Concen: 2625.870 ng/ul m  
RT: 17.043 min Scan# 2341  
Delta R.T. 0.091 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28



Tgt Ion:266 Resp: 6616093  
Ion Ratio Lower Upper  
266 100  
264 68.4 49.4 74.2  
268 69.9 50.1 75.1





#72

Phenanthrene

Concen: 28.936 ng/u1

RT: 17.384 min Scan# 21

Delta R.T. 0.038 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

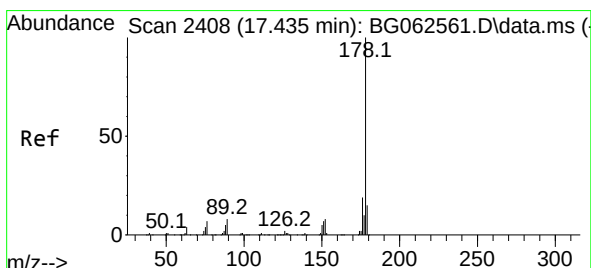
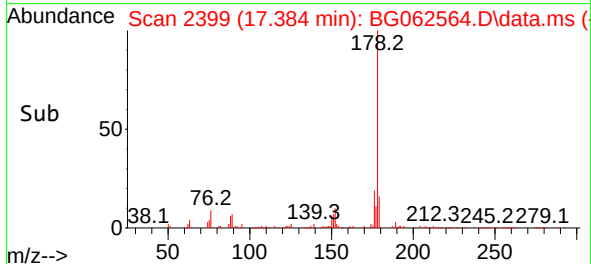
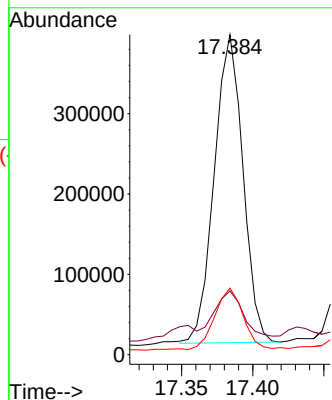
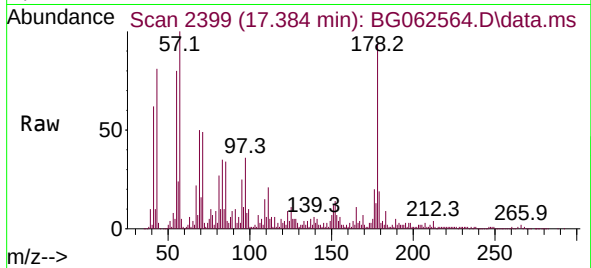
Tgt Ion:178 Resp: 536912  
 Ion Ratio Lower Upper  
 178 100  
 179 20.0 12.4 18.6  
 176 20.8 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#74

Anthracene

Concen: 18.597 ng/u1

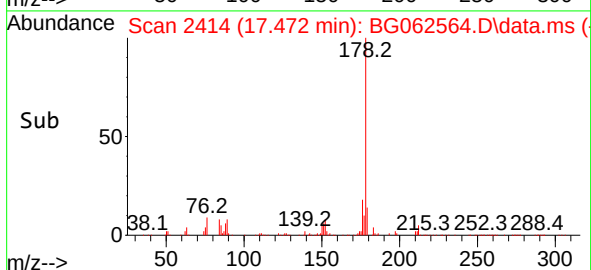
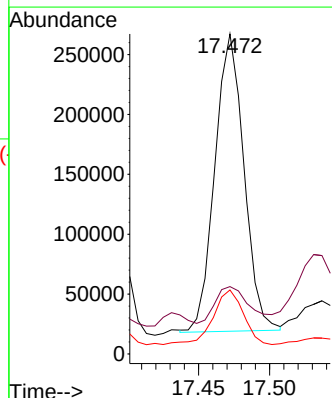
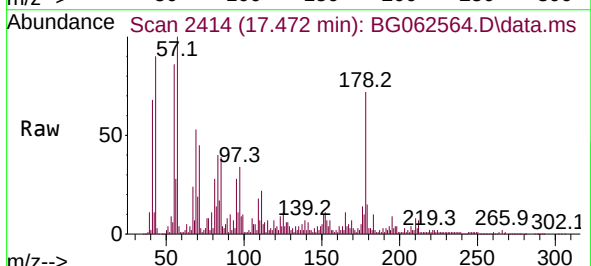
RT: 17.472 min Scan# 2414

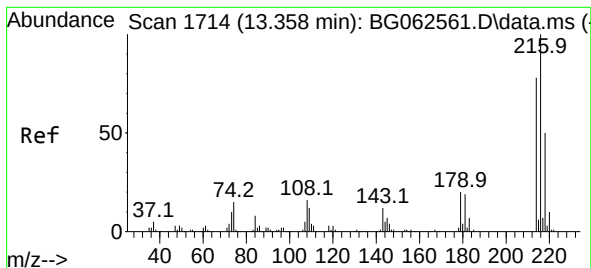
Delta R.T. 0.038 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

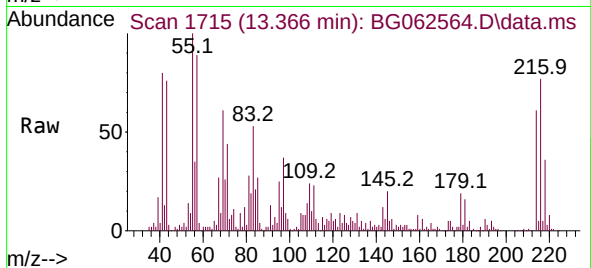
Tgt Ion:178 Resp: 353487  
 Ion Ratio Lower Upper  
 178 100  
 179 21.1 12.2 18.2#  
 176 20.0 14.9 22.3





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 25.081 ng/ul  
RT: 13.366 min Scan# 1715  
Delta R.T. 0.003 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

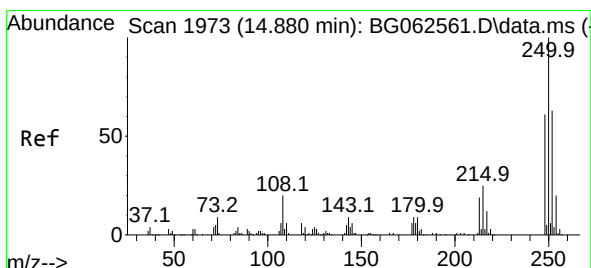
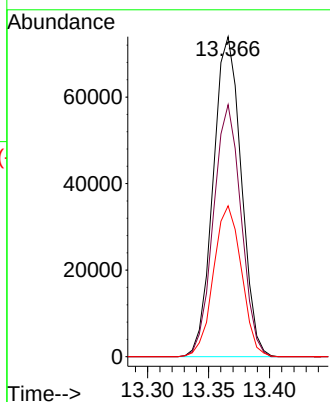
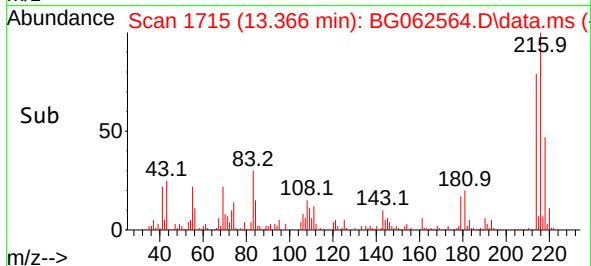
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



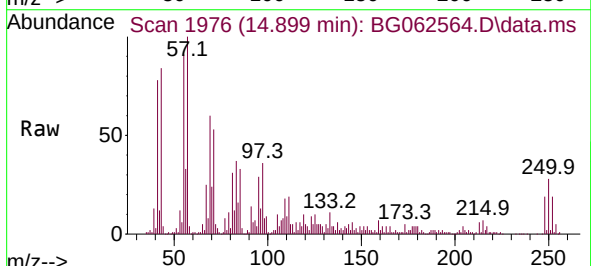
Tgt Ion:216 Resp: 118395  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.3 94.9  
218 47.1 39.4 59.0

Manual Integrations  
APPROVED

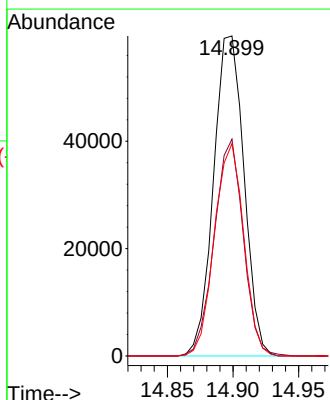
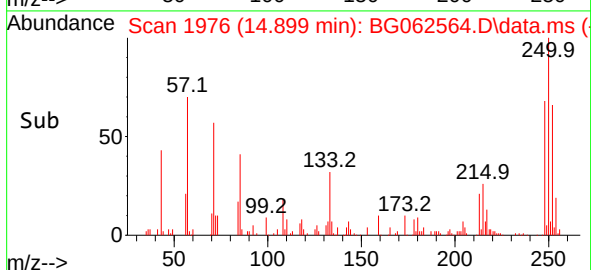
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024

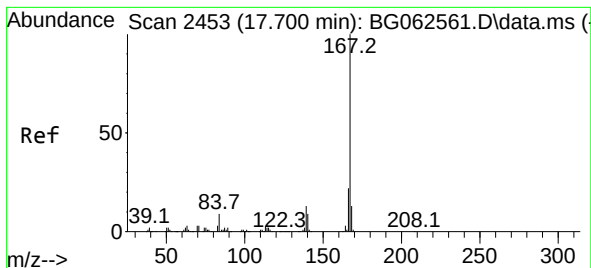


#76  
Pentachlorobenzene  
Concen: 19.422 ng/ul  
RT: 14.899 min Scan# 1976  
Delta R.T. 0.021 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28



Tgt Ion:250 Resp: 96174  
Ion Ratio Lower Upper  
250 100  
248 67.7 49.4 74.2  
252 66.4 48.8 73.2





#77

Carbazole

Concen: 14.406 ng/ul

RT: 17.731 min Scan# 2453

Delta R.T. 0.032 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

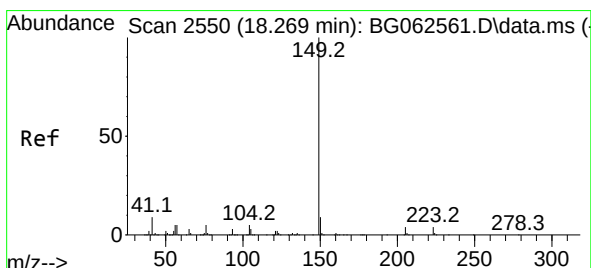
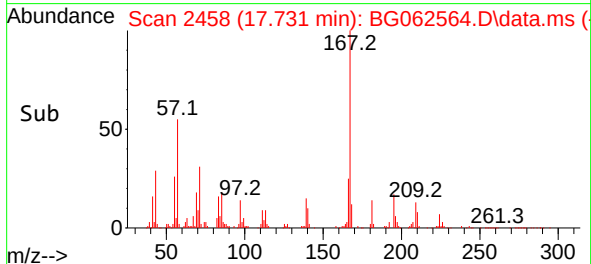
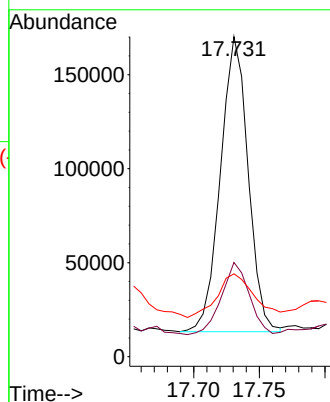
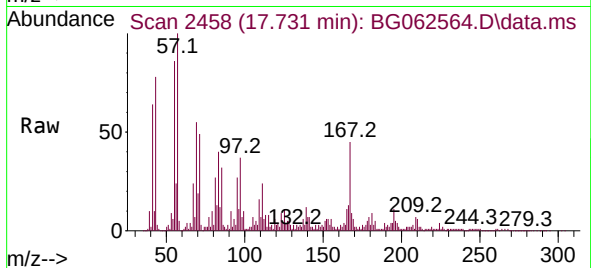
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 230018 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 29.4  | 18.4  | 27.6   |
| 139       | 25.9  | 10.6  | 15.8   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#78

Di-n-butylphthalate

Concen: 18.973 ng/ul

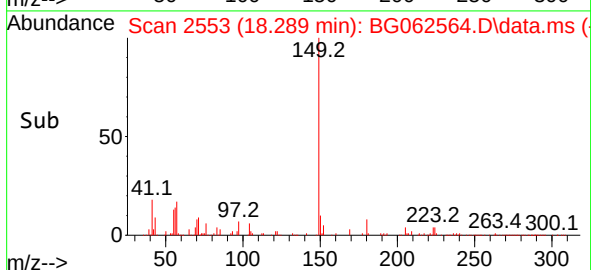
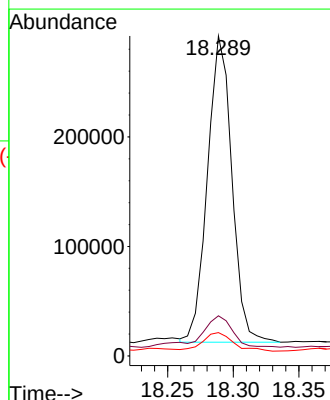
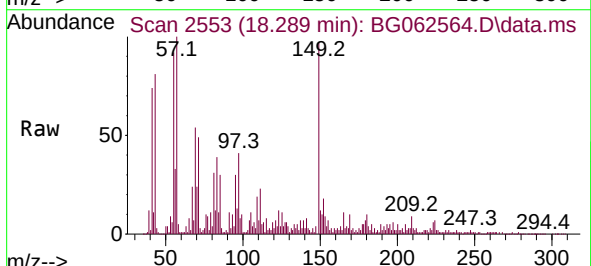
RT: 18.289 min Scan# 2553

Delta R.T. 0.021 min

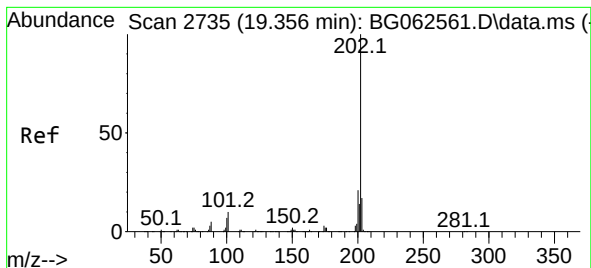
Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 362391 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 12.6  | 7.6   | 11.4#  |
| 104       | 7.3   | 3.8   | 5.8#   |

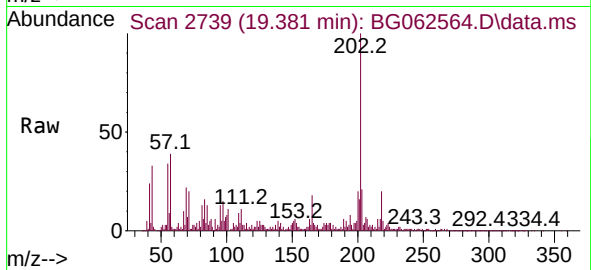






#80  
Fluoranthene  
Concen: 25.433 ng/u1  
RT: 19.381 min Scan# 21  
Delta R.T. 0.032 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

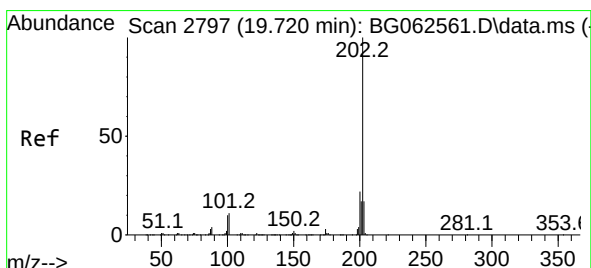
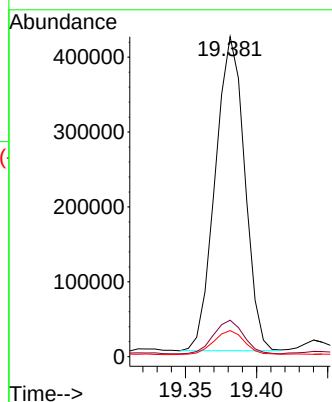
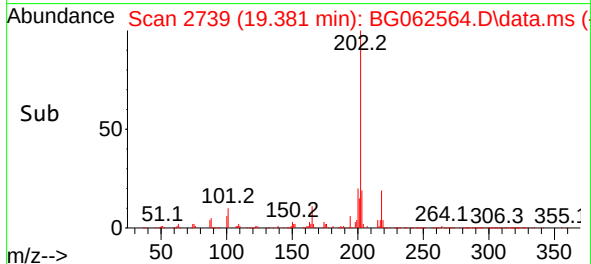
Instrument :  
BNA\_G  
ClientSampleId :  
GCN87MS



Tgt Ion:202 Resp: 604520  
Ion Ratio Lower Upper  
202 100  
101 11.4 7.6 11.4  
100 8.2 6.2 9.2

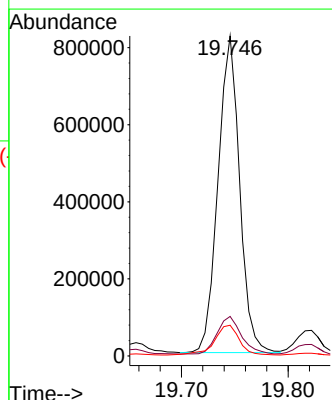
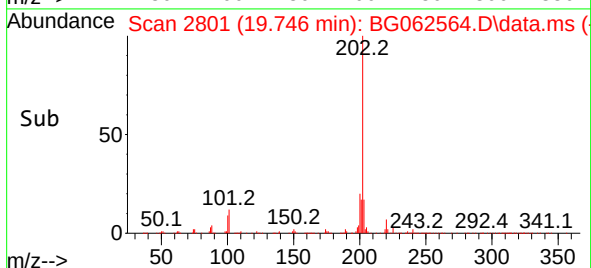
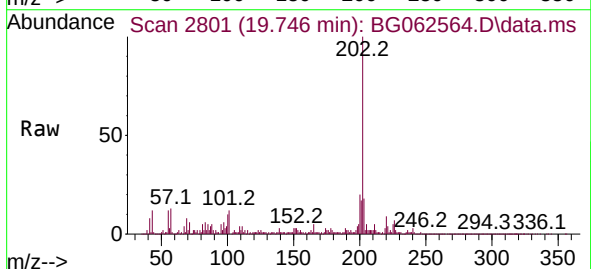
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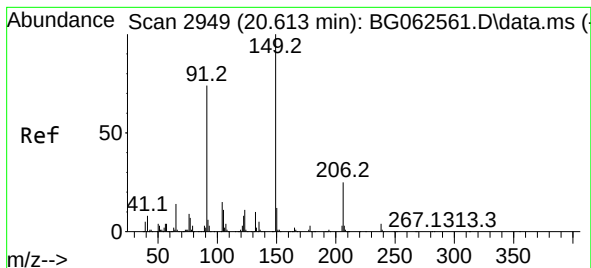
Reviewed By :Yogesh Patel 08/24/2024  
Supervised By :mohammad ahmed 08/24/2024



#82  
Pyrene  
Concen: 44.966 ng/u1  
RT: 19.746 min Scan# 2801  
Delta R.T. 0.032 min  
Lab File: BG062564.D  
Acq: 23 Aug 2024 12:28

Tgt Ion:202 Resp: 1152004  
Ion Ratio Lower Upper  
202 100  
101 12.4 9.0 13.6  
100 9.6 8.2 12.4





#83

Butylbenzylphthalate

Concen: 20.070 ng/ul

RT: 20.621 min Scan# 2949

Delta R.T. 0.015 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

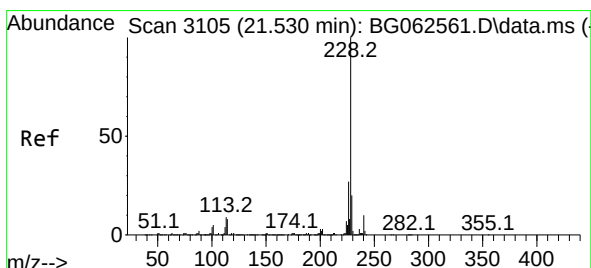
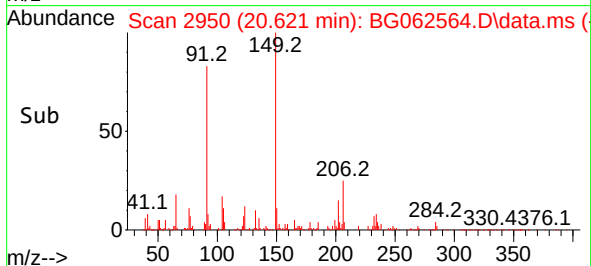
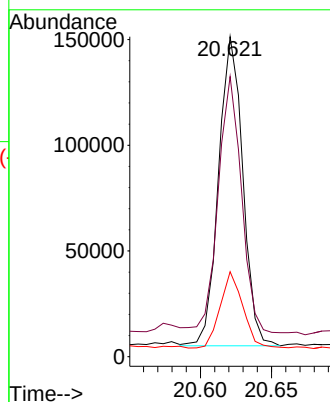
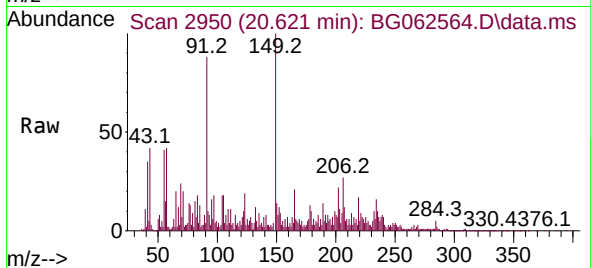
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 173194 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 87.6  | 58.5  | 87.7   |
| 206       | 26.6  | 17.5  | 26.3   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#85

Benzo(a)anthracene

Concen: 20.493 ng/ul

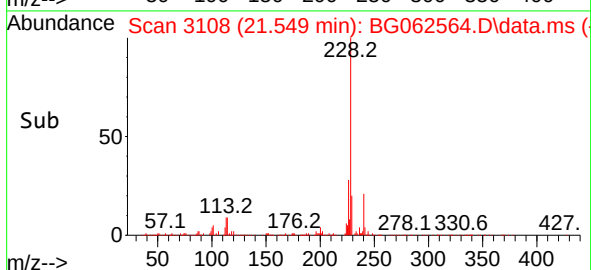
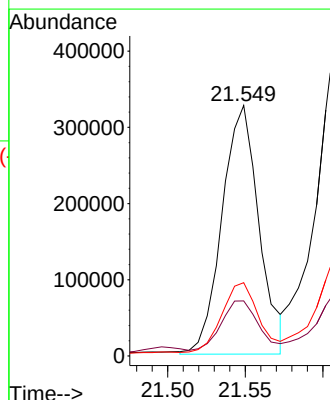
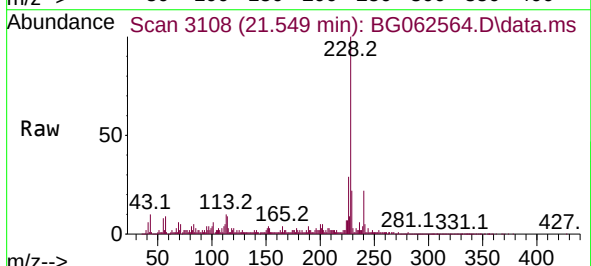
RT: 21.549 min Scan# 3108

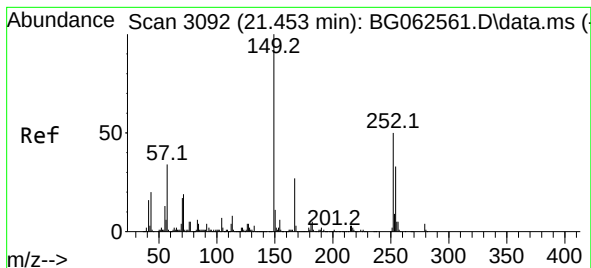
Delta R.T. 0.021 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 540378 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 229       | 22.0  | 16.2  | 24.4   |
| 226       | 29.2  | 21.5  | 32.3   |





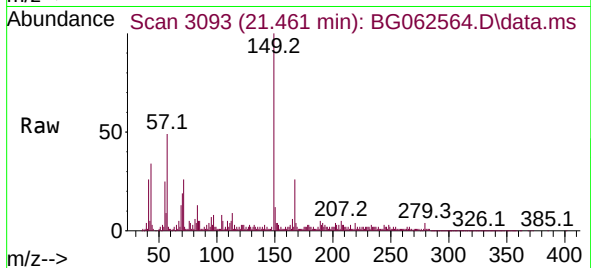
#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 21.832 ng/ul  
 RT: 21.461 min Scan# 3093  
 Delta R.T. 0.015 min  
 Lab File: BG062564.D  
 Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

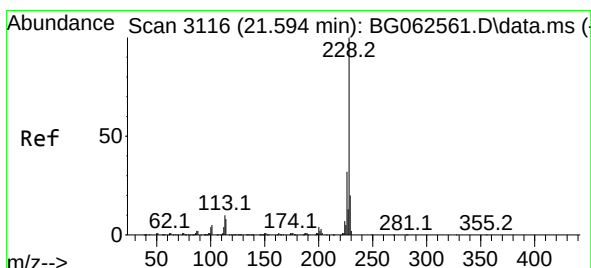
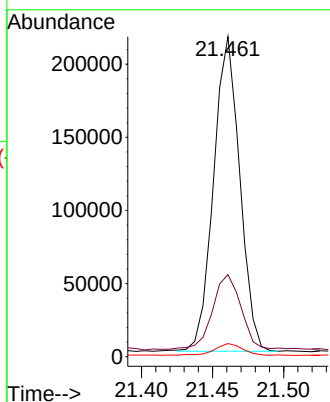
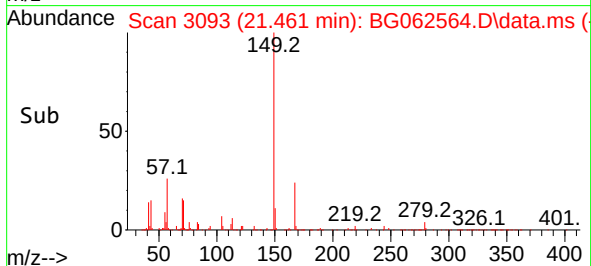


Tgt Ion:149 Resp: 275264  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 21.2 31.8  
 279 4.1 2.7 4.1

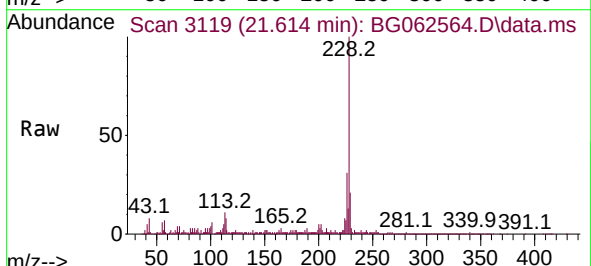
Manual Integrations

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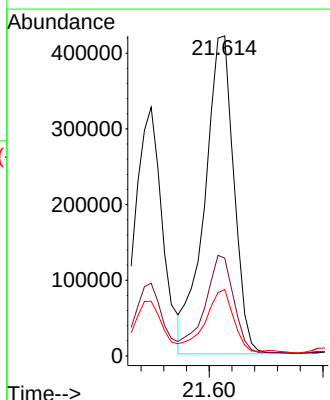
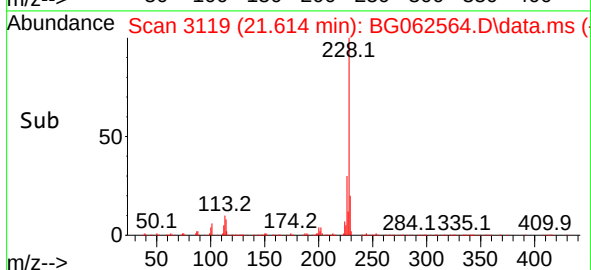
Reviewed By :Yogesh Patel 08/24/2024  
 Supervised By :mohammad ahmed 08/24/2024

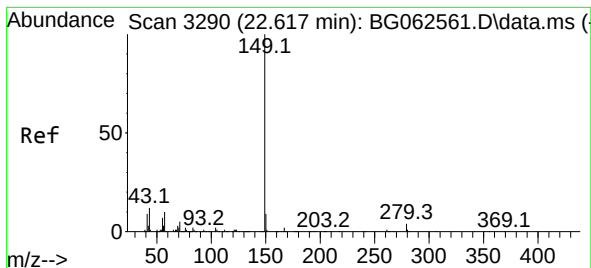


#87  
 Chrysene  
 Concen: 30.125 ng/ul  
 RT: 21.614 min Scan# 3119  
 Delta R.T. 0.026 min  
 Lab File: BG062564.D  
 Acq: 23 Aug 2024 12:28



Tgt Ion:228 Resp: 753104  
 Ion Ratio Lower Upper  
 228 100  
 226 30.5 23.4 35.2  
 229 20.8 15.2 22.8





#89

Di-n-octyl phthalate

Concen: 21.254 ng/ul

RT: 22.624 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

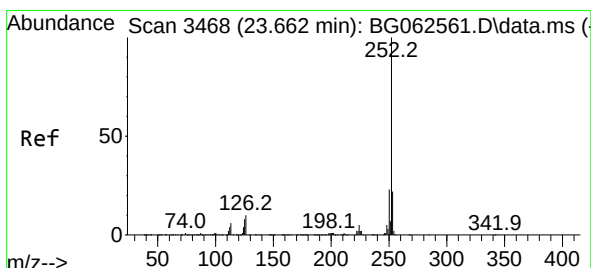
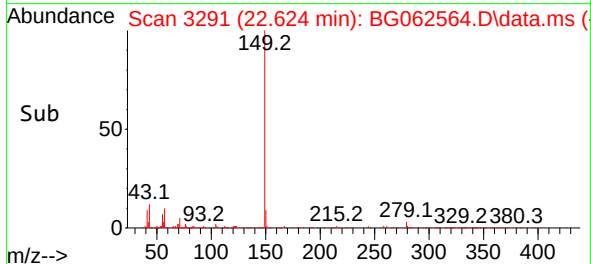
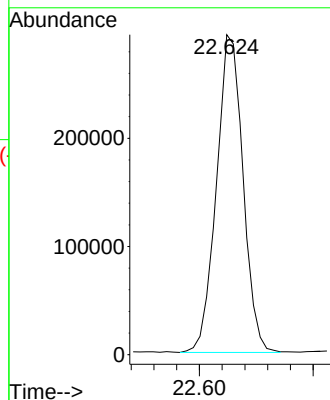
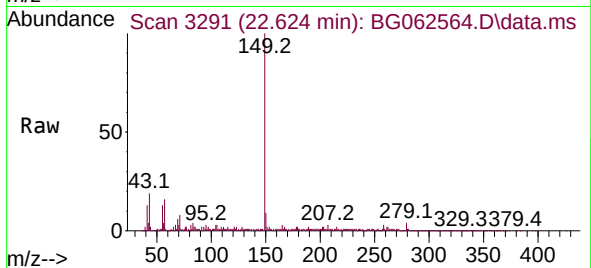
Tgt Ion:149 Resp: 47623

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#90

Benzo(b)fluoranthene

Concen: 18.564 ng/ul m

RT: 23.675 min Scan# 3470

Delta R.T. 0.026 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

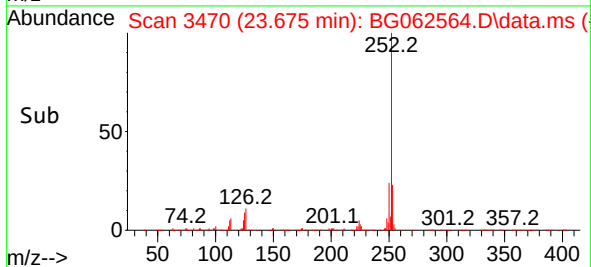
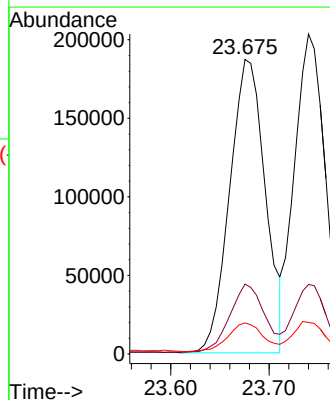
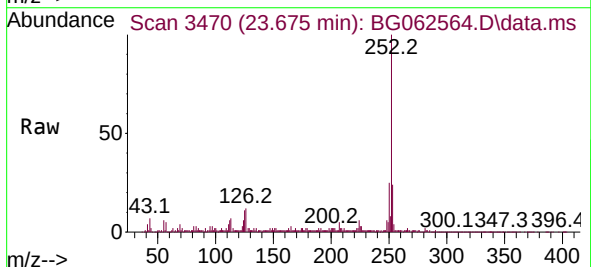
Tgt Ion:252 Resp: 471152

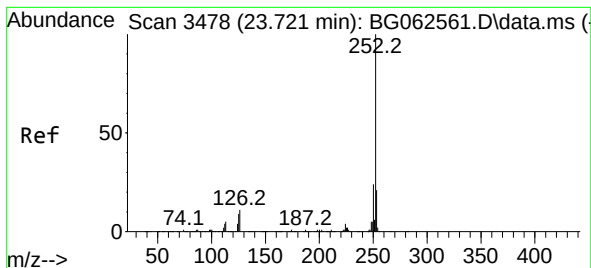
Ion Ratio Lower Upper

252 100

253 23.7 16.9 25.3

125 10.5 7.0 10.4#





#91

Benzo(k)fluoranthene

Concen: 17.168 ng/ul

RT: 23.740 min Scan# 3478

Delta R.T. 0.026 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

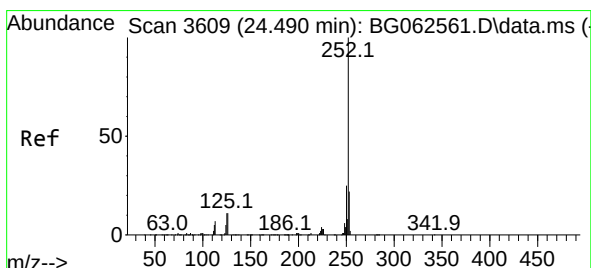
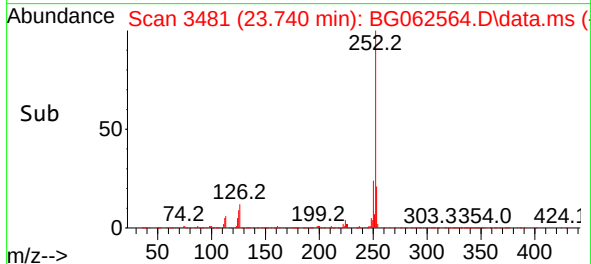
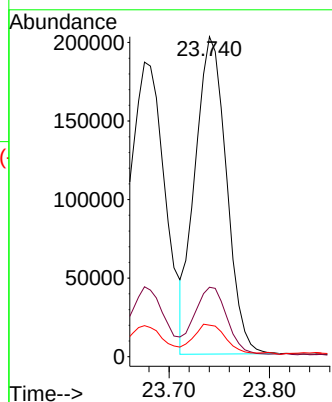
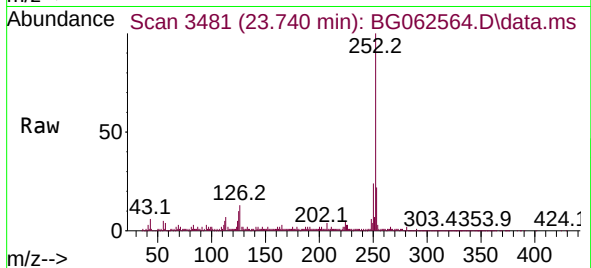
Tgt Ion:252 Resp: 439811  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.2 25.8  
 125 9.9 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#93

Benzo(a)pyrene

Concen: 8.189 ng/ul

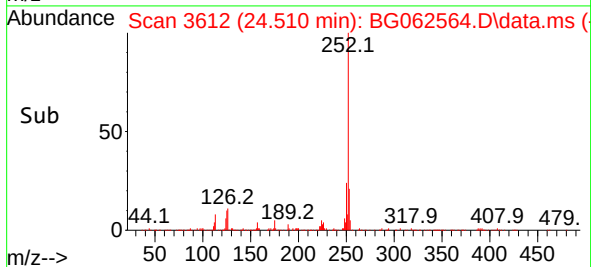
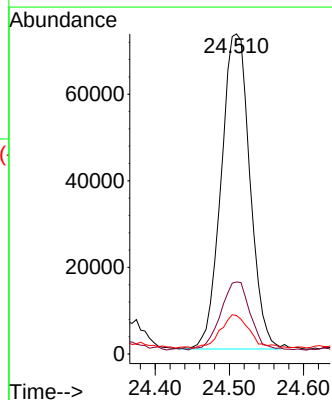
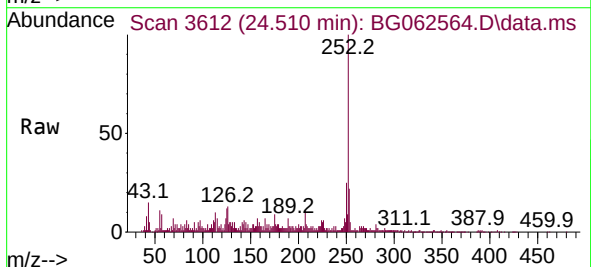
RT: 24.510 min Scan# 3612

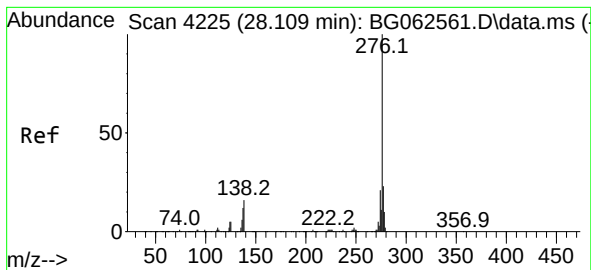
Delta R.T. 0.032 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Tgt Ion:252 Resp: 195944  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.8 26.8  
 125 12.0 7.6 11.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 12.881 ng/ul

RT: 28.181 min Scan# 41

Delta R.T. 0.085 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

GCN87MS

Tgt Ion:276 Resp: 391738

Ion Ratio Lower Upper

276 100

138 19.9 11.8 17.8

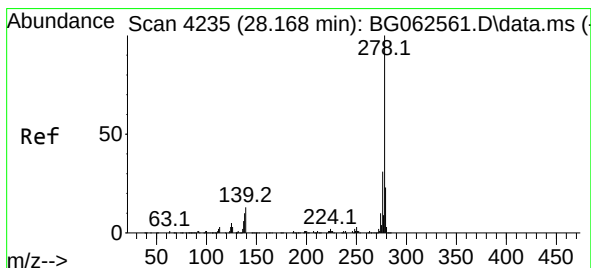
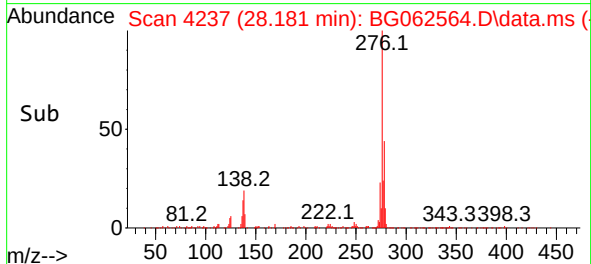
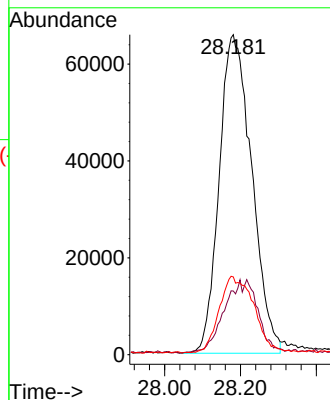
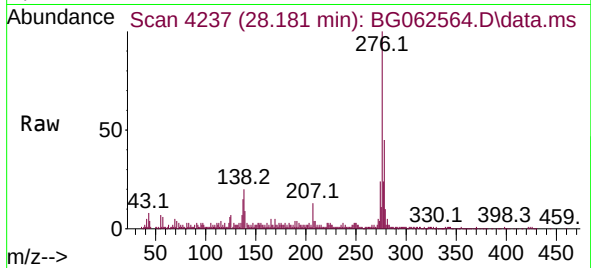
277 24.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#95

Dibenzo(a,h)anthracene

Concen: 18.663 ng/ul

RT: 28.222 min Scan# 4244

Delta R.T. 0.056 min

Lab File: BG062564.D

Acq: 23 Aug 2024 12:28

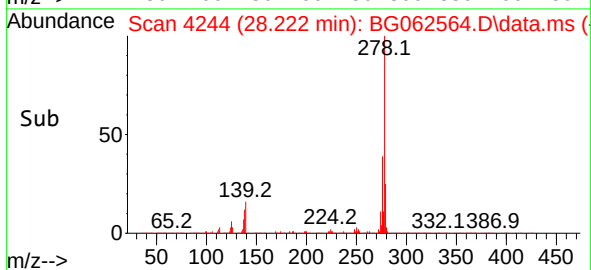
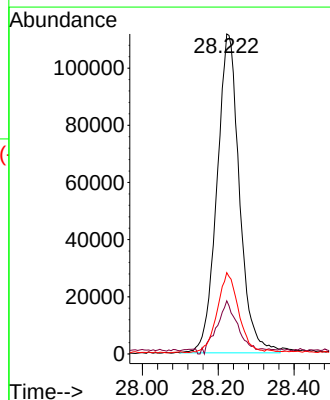
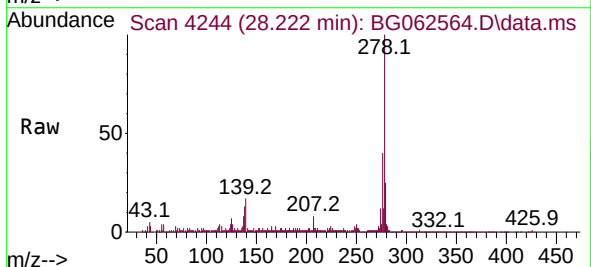
Tgt Ion:278 Resp: 460049

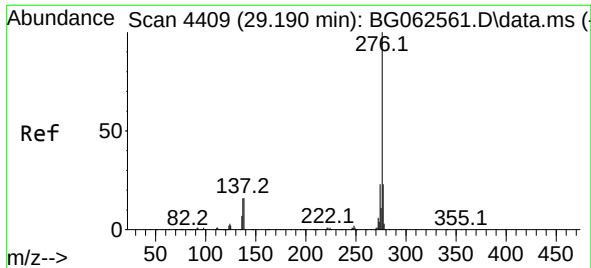
Ion Ratio Lower Upper

278 100

139 16.6 9.8 14.6

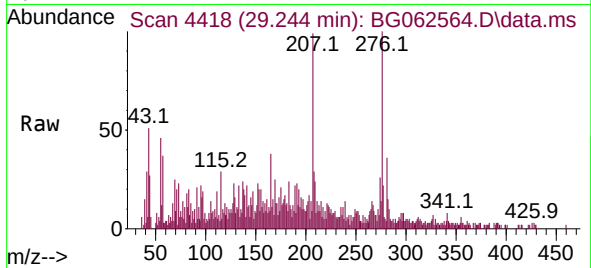
279 25.4 18.7 28.1





#96  
 Benzo(g,h,i)perylene  
 Concen: 1.854 ng/ul m  
 RT: 29.244 min Scan# 44  
 Delta R.T. 0.062 min  
 Lab File: BG062564.D  
 Acq: 23 Aug 2024 12:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GCN87MS



Tgt Ion:276 Resp: 4337  
 Ion Ratio Lower Upper  
 276 100  
 138 20.1 12.6 19.0  
 277 22.0 19.5 29.3

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024  
 Supervised By :mohammad ahmed 08/24/2024

