

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121824\  
 Data File : BG063732.D  
 Acq On : 18 Dec 2024 18:45  
 Operator : RC/JU  
 Sample : PB165662BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS662

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 18 23:18:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 23:59:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.799  | 152  | 118750   | 20.000 | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.590 | 136  | 480149   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.444 | 164  | 360915   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.194 | 188  | 958346   | 20.000 | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.442 | 240  | 1060068  | 20.000 | ng/u1  | -0.02    |
| 88) Perylene-d12              | 24.456 | 264  | 1116237  | 20.000 | ng/u1  | -0.02    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.263  | 96   | 15981    | 5.274  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 3.675  | 84   | 256239   | 26.805 | ng/u1  | -0.01    |
| 7) Phenol-d5                  | 6.994  | 99   | 319556   | 29.219 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.135  | 67   | 188204   | 24.916 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.341  | 132  | 212625   | 30.030 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.528  | 113  | 242895   | 28.606 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 106517m  | 31.070 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.679  | 143  | 117653   | 30.615 | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.232 | 165  | 240853   | 32.371 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.731 | 131  | 268630   | 28.435 | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 746526   | 30.398 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.133 | 160  | 844055   | 30.150 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.679 | 143  | 130542   | 37.516 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.437 | 176  | 686466   | 31.615 | ng/u1  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.572 | 200  | 155295   | 31.210 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.294 | 188  | 1278112  | 31.020 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.591 | 212  | 1587665  | 28.781 | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 24.250 | 264  | 1572321  | 29.995 | ng/u1  | -0.02    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.299  | 88   | 33323    | 9.292  | ng/uL  | 97       |
| 5) Pyridine                   | 3.692  | 79   | 267688   | 26.144 | ng/u1  | 92       |
| 6) Benzaldehyde               | 6.947  | 77   | 28848    | 4.300  | ng/u1# | 85       |
| 8) Phenol                     | 7.018  | 94   | 354899   | 30.448 | ng/u1  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.229  | 93   | 243199   | 27.271 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.376  | 128  | 225568   | 31.472 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.257  | 108  | 242313   | 28.763 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.322  | 45   | 357279   | 26.986 | ng/u1  | 97       |
| 16) Acetophenone              | 8.622  | 105  | 388316   | 26.962 | ng/u1  | 91       |
| 17) N-Nitroso-di-n-propyla... | 8.604  | 70   | 220377   | 25.644 | ng/u1  | 93       |
| 18) 4-Methylphenol            | 8.587  | 108  | 277832   | 30.133 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.874  | 117  | 89262    | 25.347 | ng/u1  | 95       |
| 22) Nitrobenzene              | 9.004  | 77   | 320641   | 28.008 | ng/u1  | 94       |
| 23) Isophorone                | 9.521  | 82   | 601999   | 27.831 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.715  | 139  | 124148   | 31.434 | ng/u1  | 88       |
| 26) 2,4-Dimethylphenol        | 9.779  | 107  | 276045   | 30.802 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.003 | 93   | 331810   | 28.361 | ng/u1  | 94       |
| 29) 2,4-Dichlorophenol        | 10.255 | 162  | 248565   | 33.622 | ng/u1  | 98       |
| 30) Naphthalene               | 10.643 | 128  | 713328   | 29.715 | ng/u1  | 97       |
| 32) 4-Chloroaniline           | 10.755 | 127  | 174302   | 19.392 | ng/u1  | 94       |
| 33) Hexachlorobutadiene       | 10.925 | 225  | 157269   | 26.185 | ng/u1  | 98       |
| 34) Caprolactam               | 11.507 | 113  | 89851m   | 35.159 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.900 | 107  | 275277m  | 31.716 | ng/u1  |          |
| 36) 2-Methylnaphthalene       | 12.259 | 142  | 510011   | 29.560 | ng/u1  | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121824\  
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 Acq On : 18 Dec 2024 18:45  
 Operator : RC/JU  
 Sample : PB165662BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

SLCS662

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 18 23:18:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M

Quant Title : SVOA CALIBRATION

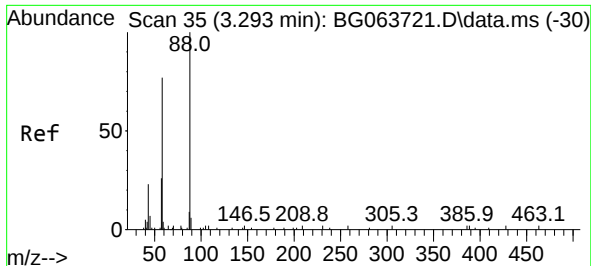
QLast Update : Wed Dec 11 23:59:23 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.476 | 142  | 508054   | 28.909 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.629 | 216  | 306463   | 26.525 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.605 | 237  | 69039    | 15.116 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.876 | 196  | 210710   | 32.267 | ng/ul  | 93       |
| 42) 2,4,5-Trichlorophenol     | 12.958 | 196  | 230651   | 33.844 | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.269 | 154  | 707002   | 29.704 | ng/ul  | 94       |
| 44) 2-Chloronaphthalene       | 13.316 | 162  | 568633   | 29.751 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.522 | 65   | 219098   | 34.222 | ng/ul  | 94       |
| 47) Dimethylphthalate         | 13.898 | 163  | 766303   | 31.134 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.021 | 165  | 156335   | 34.201 | ng/ul  | 93       |
| 50) Acenaphthylene            | 14.162 | 152  | 921913   | 30.712 | ng/ul  | 97       |
| 51) 3-Nitroaniline            | 14.356 | 138  | 163706   | 38.735 | ng/ul  | 86       |
| 52) Acenaphthene              | 14.509 | 153  | 655293   | 30.799 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.574 | 184  | 77927    | 33.359 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 14.691 | 109  | 120220   | 33.273 | ng/ul  | 94       |
| 56) Dibenzofuran              | 14.844 | 168  | 978105   | 32.608 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.820 | 165  | 249270   | 36.699 | ng/ul  | 87       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.079 | 232  | 212543   | 36.180 | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.267 | 149  | 809339   | 34.014 | ng/ul  | 98       |
| 61) Fluorene                  | 15.496 | 166  | 795070   | 33.194 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.484 | 204  | 413572   | 30.993 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.525 | 138  | 203301   | 48.050 | ng/ul  | 93       |
| 66) 4,6-Dinitro-2-methylph... | 15.590 | 198  | 159823   | 31.178 | ng/ul# | 90       |
| 67) N-Nitrosodiphenylamine    | 15.702 | 169  | 708597   | 30.534 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.383 | 248  | 284003   | 29.078 | ng/ul  | 93       |
| 69) Hexachlorobenzene         | 16.507 | 284  | 327147   | 29.896 | ng/ul  | 97       |
| 70) Atrazine                  | 16.659 | 200  | 310139   | 31.615 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.859 | 266  | 152078   | 32.962 | ng/ul  | 95       |
| 72) Phenanthrene              | 17.235 | 178  | 1499466  | 32.468 | ng/ul  | 100      |
| 74) Anthracene                | 17.329 | 178  | 1518475  | 32.486 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.240 | 216  | 310776   | 24.305 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.768 | 250  | 352313   | 27.813 | ng/ul  | 99       |
| 77) Carbazole                 | 17.599 | 167  | 1379338  | 36.455 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.158 | 149  | 1626809  | 35.601 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.256 | 202  | 1893281  | 30.197 | ng/ul# | 95       |
| 82) Pyrene                    | 19.621 | 202  | 2033340  | 30.482 | ng/ul# | 94       |
| 83) Butylbenzylphthalate      | 20.514 | 149  | 750845   | 36.668 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.348 | 252  | 612988   | 32.033 | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.424 | 228  | 1947915  | 29.320 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.336 | 149  | 1082638  | 36.346 | ng/ul  | 100      |
| 87) Chrysene                  | 21.489 | 228  | 1867177  | 29.488 | ng/ul  | 96       |
| 89) Di-n-octyl phthalate      | 22.470 | 149  | 1871430  | 38.843 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.504 | 252  | 1999262  | 31.513 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.569 | 252  | 1913867  | 30.243 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.321 | 252  | 1829061  | 30.715 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.864 | 276  | 2269410  | 31.206 | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 27.905 | 278  | 1854537  | 31.871 | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 28.933 | 276  | 1791992  | 31.053 | ng/ul  | 99       |

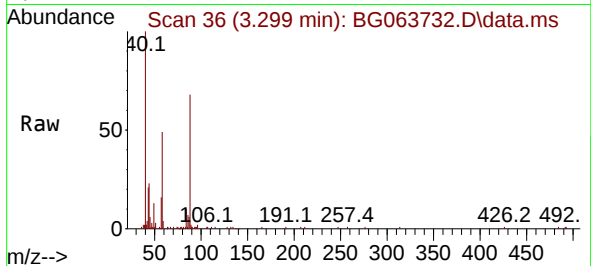
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 9.292 ng/uL  
RT: 3.299 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

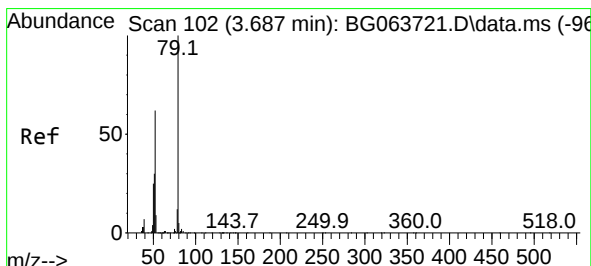
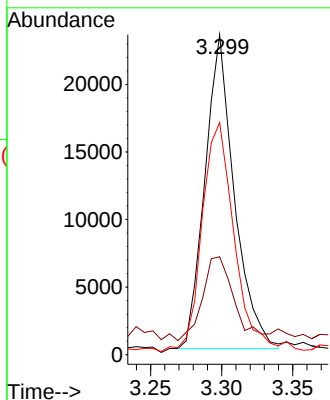
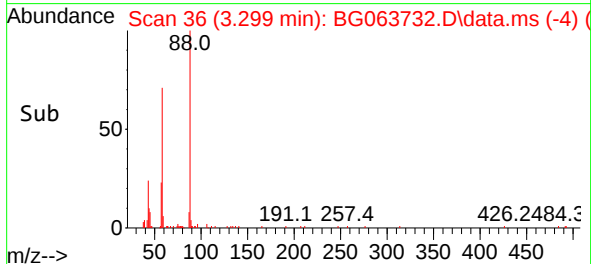
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



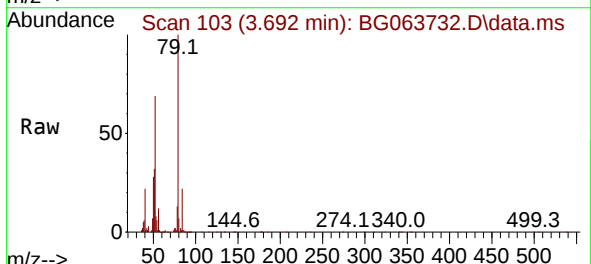
Tgt Ion: 88 Resp: 3332  
Ion Ratio Lower Upper  
88 100  
43 30.6 20.9 31.3  
58 72.5 57.7 86.5

Manual Integrations  
APPROVED

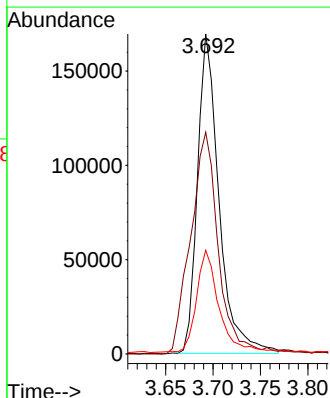
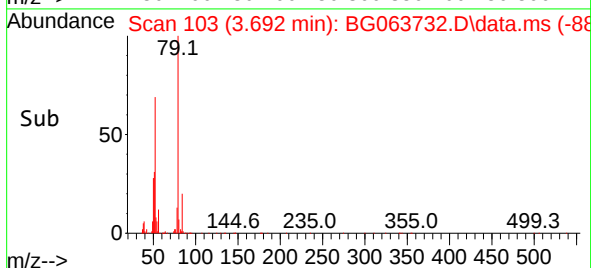
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

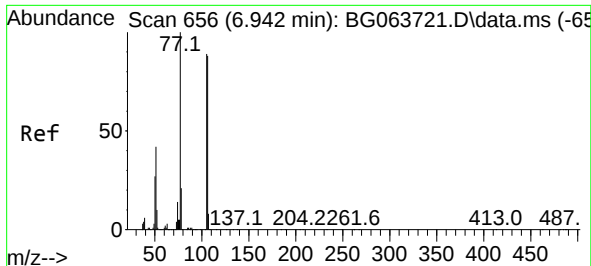


#5  
Pyridine  
Concen: 26.144 ng/uL  
RT: 3.692 min Scan# 103  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



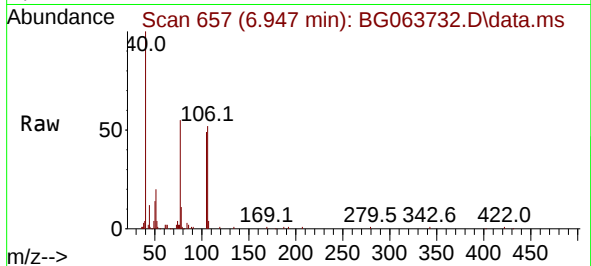
Tgt Ion: 79 Resp: 267688  
Ion Ratio Lower Upper  
79 100  
52 69.3 60.9 91.3  
51 32.4 29.5 44.3





#6  
Benzaldehyde  
Concen: 4.300 ng/ul  
RT: 6.947 min Scan# 656  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

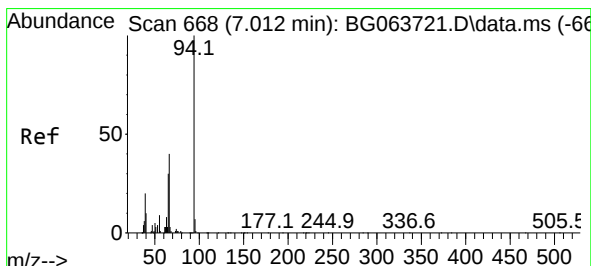
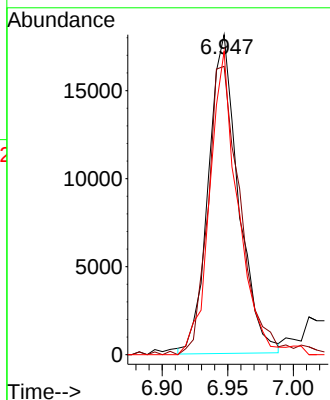
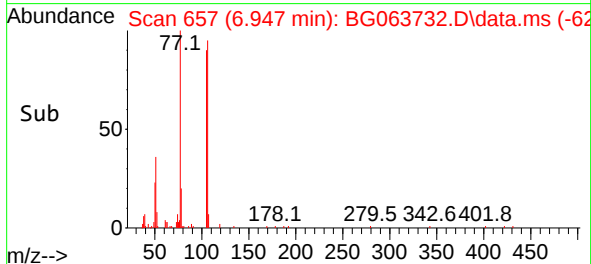
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



Tgt Ion: 77 Resp: 2884  
Ion Ratio Lower Upper  
77 100  
105 90.1 65.2 97.8  
106 94.8 61.0 91.4

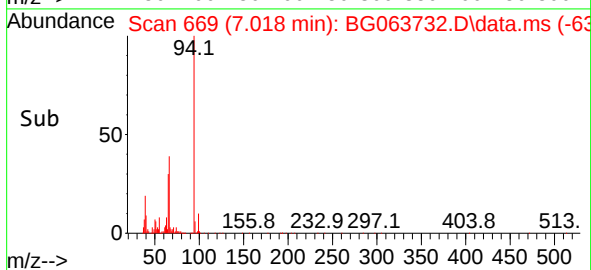
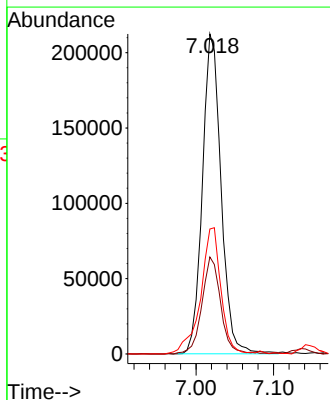
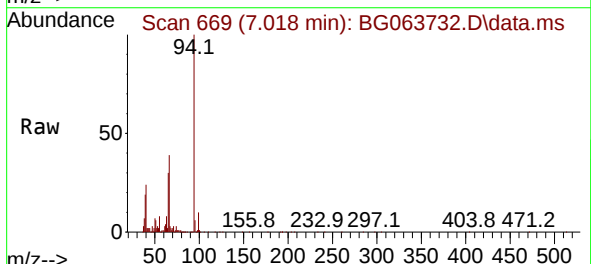
Manual Integrations  
APPROVED

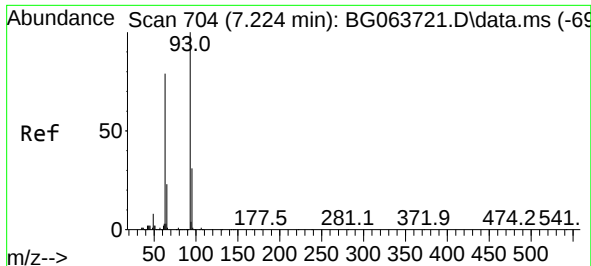
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#8  
Phenol  
Concen: 30.448 ng/ul  
RT: 7.018 min Scan# 669  
Delta R.T. -0.001 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Tgt Ion: 94 Resp: 354899  
Ion Ratio Lower Upper  
94 100  
65 30.3 25.6 38.4  
66 39.1 34.2 51.2





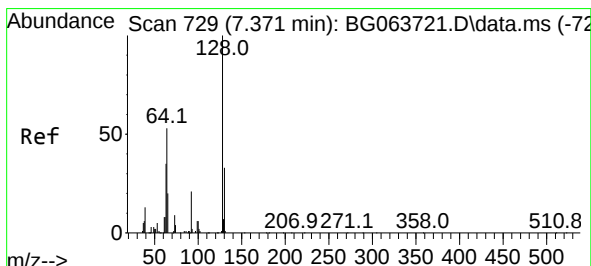
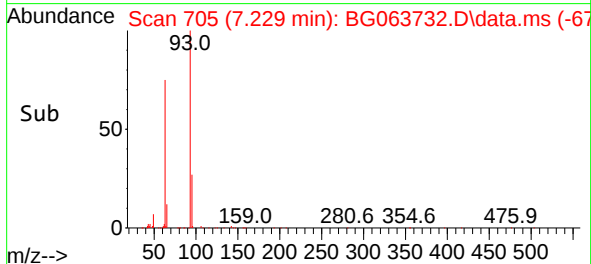
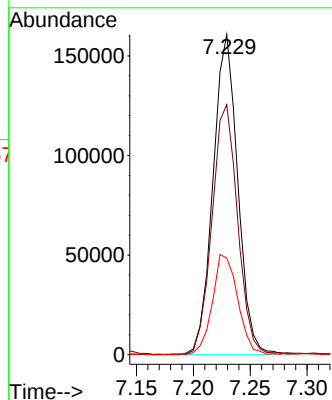
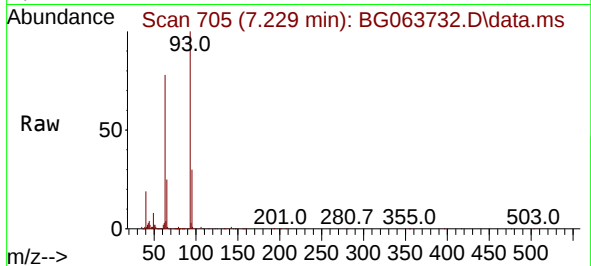
#10  
Bis(2-Chloroethyl)ether  
Concen: 27.271 ng/ul  
RT: 7.229 min Scan# 704  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :  
BNA\_G  
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Tgt Ion: 93 Resp: 243199  
Ion Ratio Lower Upper  
93 100  
63 78.2 63.8 95.6  
95 30.2 27.6 41.4

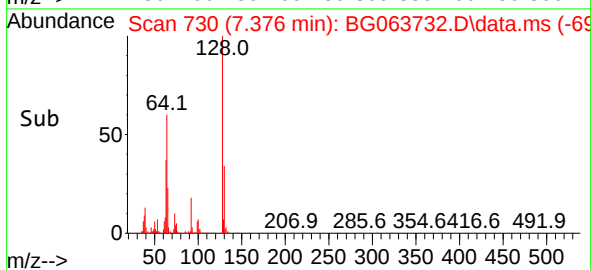
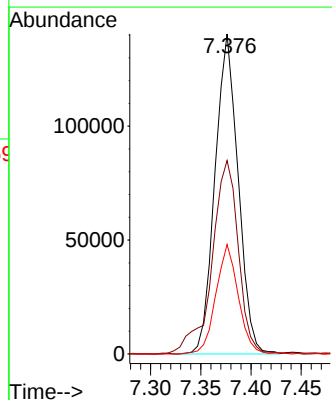
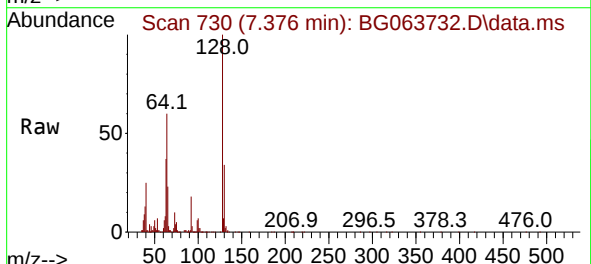
Manual Integrations  
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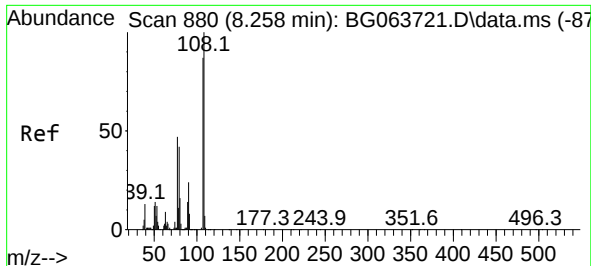
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#12  
2-Chlorophenol  
Concen: 31.472 ng/ul  
RT: 7.376 min Scan# 730  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Tgt Ion:128 Resp: 225568  
Ion Ratio Lower Upper  
128 100  
64 60.5 48.9 73.3  
130 34.2 24.2 36.2





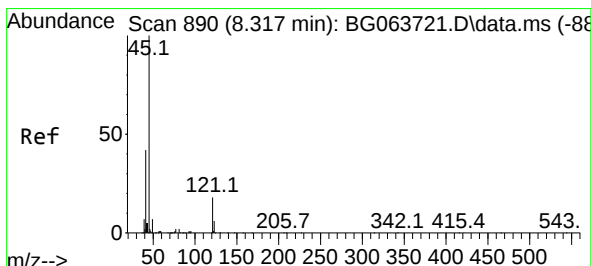
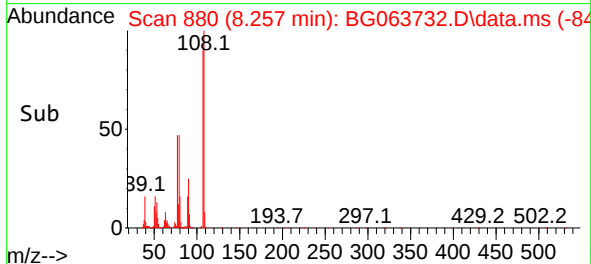
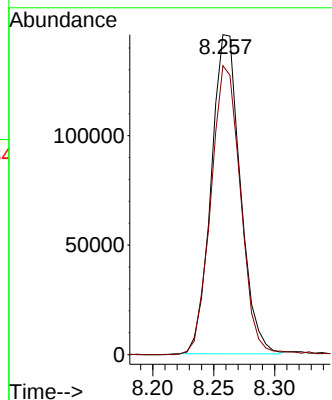
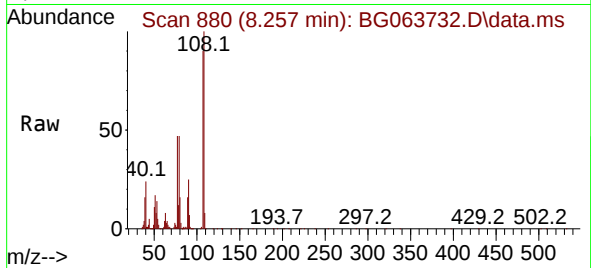
#13  
2-Methylphenol  
Concen: 28.763 ng/ul  
RT: 8.257 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662

Tgt Ion:108 Resp: 24231  
Ion Ratio Lower Upper  
108 100  
107 90.3 72.6 108.8

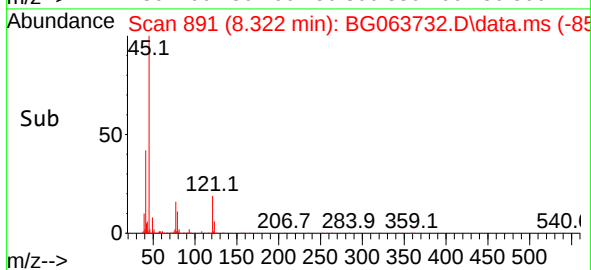
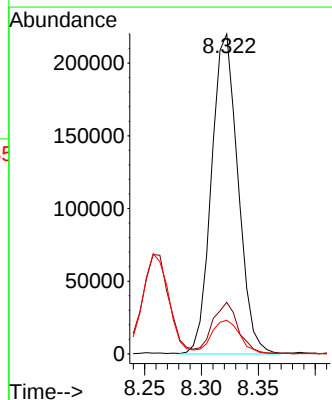
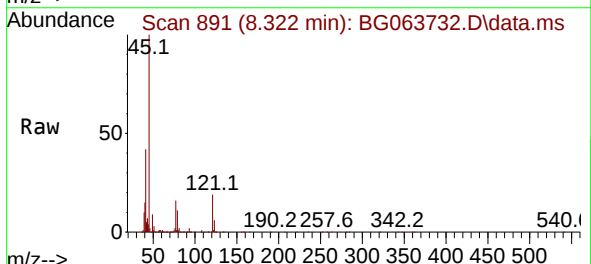
Manual Integrations  
APPROVED

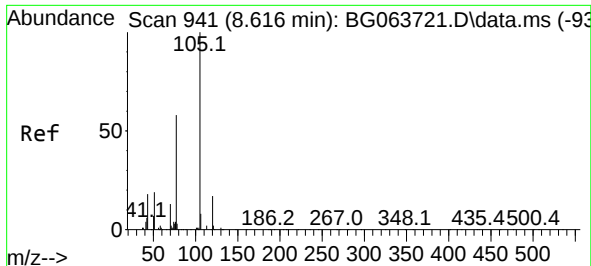
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 26.986 ng/ul  
RT: 8.322 min Scan# 891  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

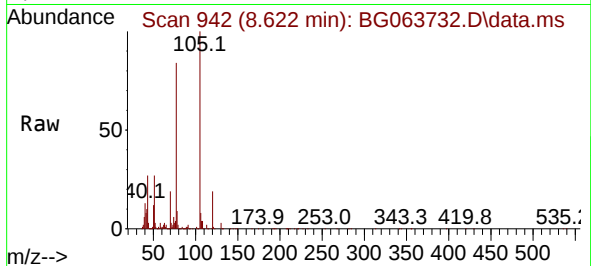
Tgt Ion: 45 Resp: 357279  
Ion Ratio Lower Upper  
45 100  
77 16.1 11.5 17.3  
79 10.6 9.2 13.8





#16  
Acetophenone  
Concen: 26.962 ng/ul  
RT: 8.622 min Scan# 941  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

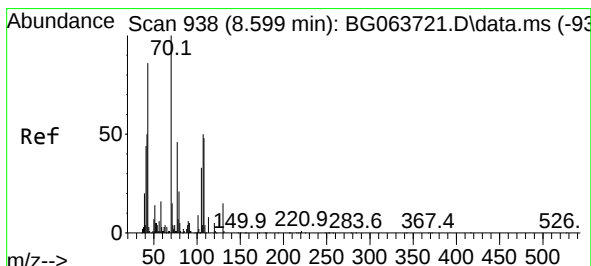
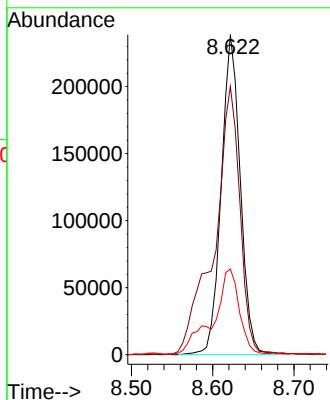
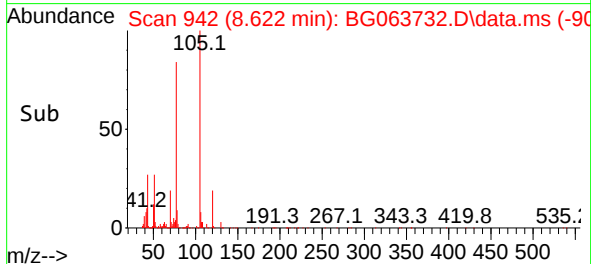
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



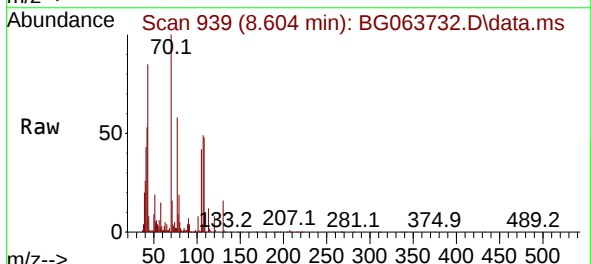
Tgt Ion:105 Resp: 388310  
Ion Ratio Lower Upper  
105 100  
77 83.9 73.6 110.4  
51 26.8 25.4 38.2

Manual Integrations  
APPROVED

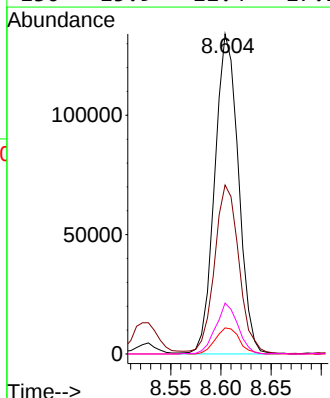
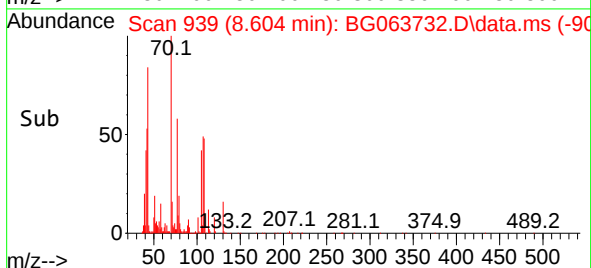
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

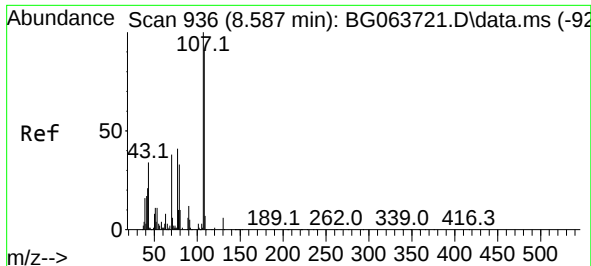


#17  
N-Nitroso-di-n-propylamine  
Concen: 25.644 ng/ul  
RT: 8.604 min Scan# 939  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



Tgt Ion: 70 Resp: 220377  
Ion Ratio Lower Upper  
70 100  
42 52.8 47.4 71.0  
101 8.2 6.1 9.1  
130 15.9 11.4 17.2





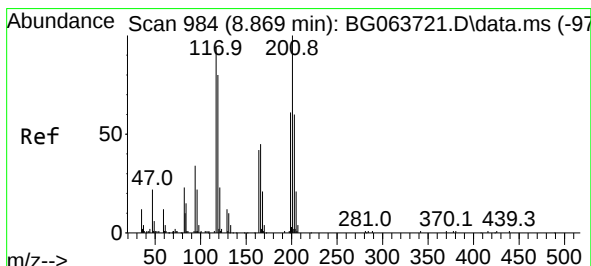
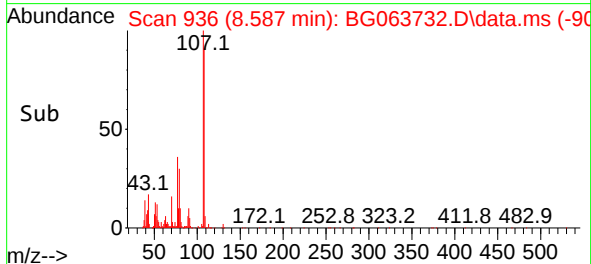
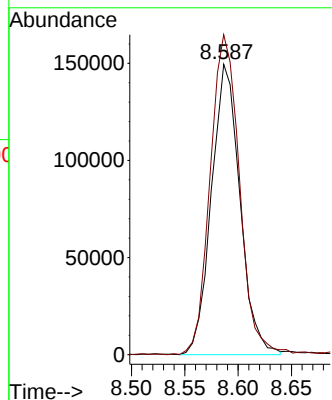
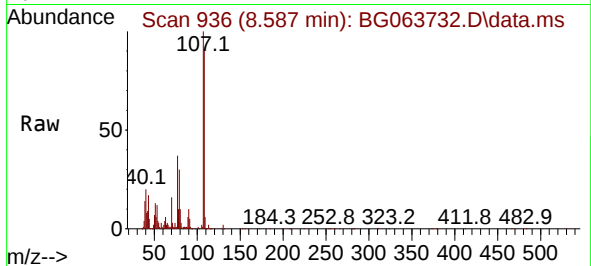
#18  
4-Methylphenol  
Concen: 30.133 ng/ul  
RT: 8.587 min Scan# 911  
Delta R.T. -0.001 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662

Tgt Ion:108 Resp: 27783  
Ion Ratio Lower Upper  
108 100  
107 110.2 89.2 133.8

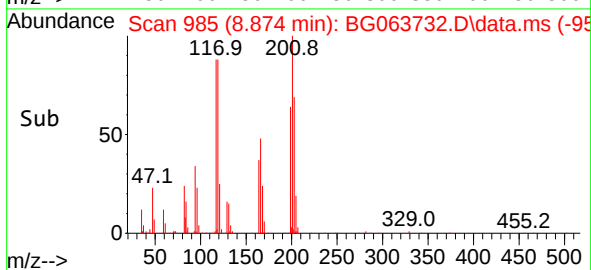
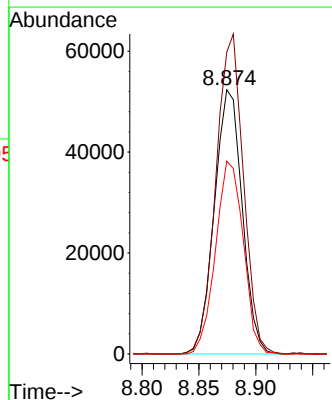
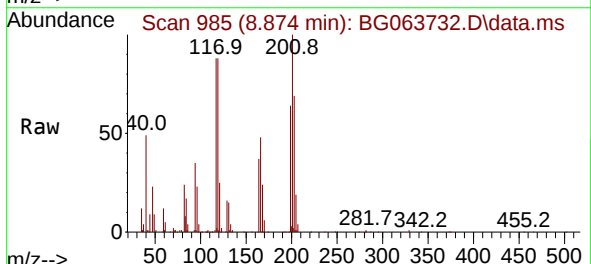
Manual Integrations  
APPROVED

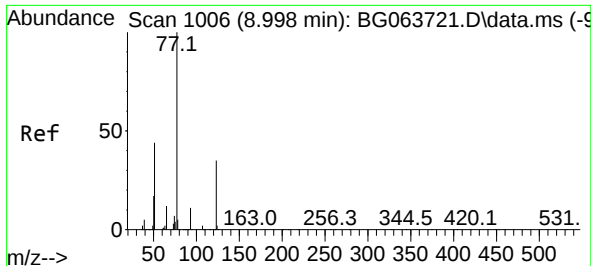
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#19  
Hexachloroethane  
Concen: 25.347 ng/ul  
RT: 8.874 min Scan# 985  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Tgt Ion:117 Resp: 89262  
Ion Ratio Lower Upper  
117 100  
201 116.8 86.8 130.2  
199 76.0 59.4 89.2





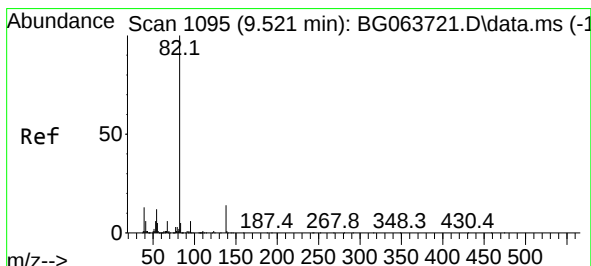
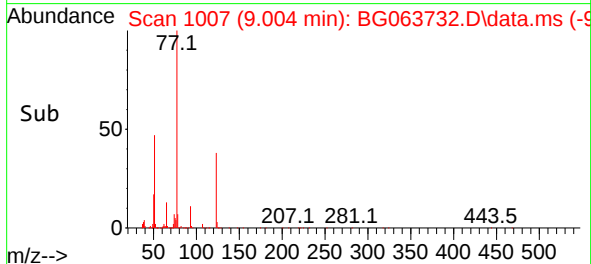
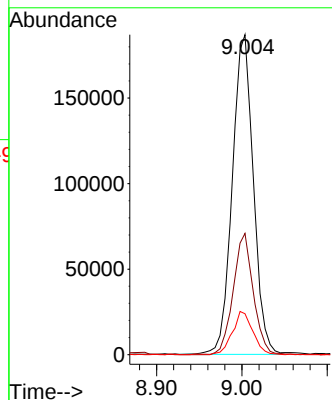
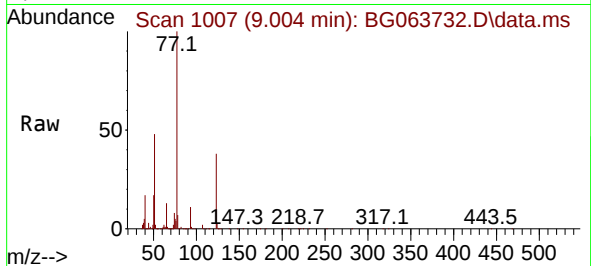
#22  
Nitrobenzene  
Concen: 28.008 ng/ul  
RT: 9.004 min Scan# 1007  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662

Tgt Ion: 77 Resp: 32064  
Ion Ratio Lower Upper  
77 100  
123 37.9 27.0 40.4  
65 12.8 10.8 16.2

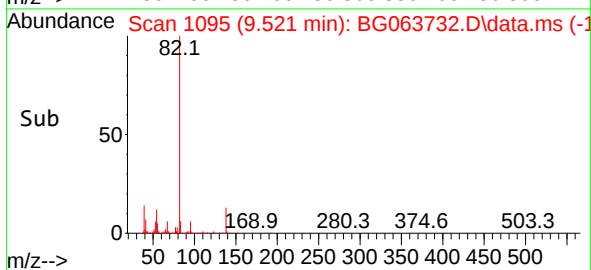
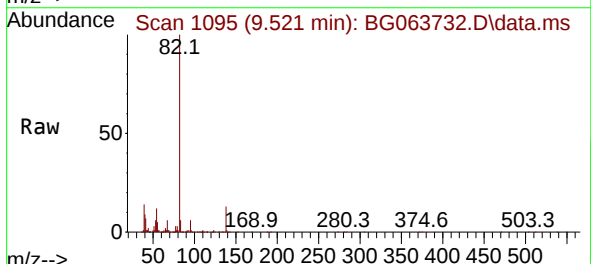
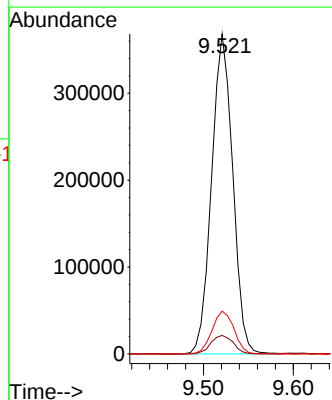
Manual Integrations  
APPROVED

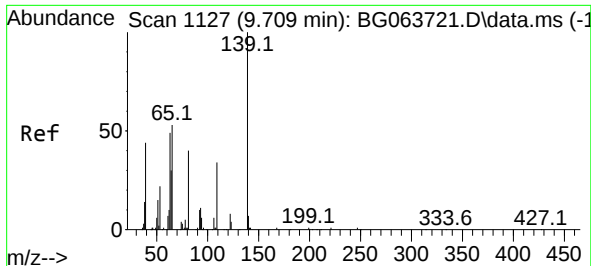
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#23  
Isophorone  
Concen: 27.831 ng/ul  
RT: 9.521 min Scan# 1095  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Tgt Ion: 82 Resp: 601999  
Ion Ratio Lower Upper  
82 100  
95 5.8 5.8 8.6  
138 13.4 10.3 15.5





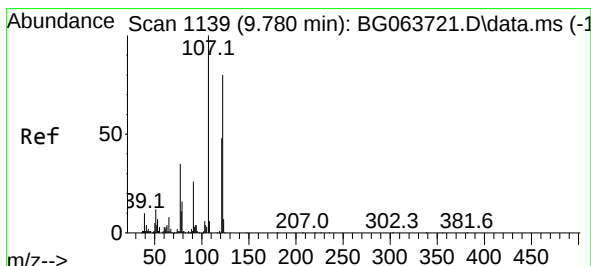
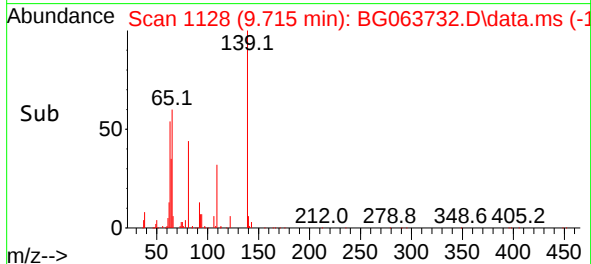
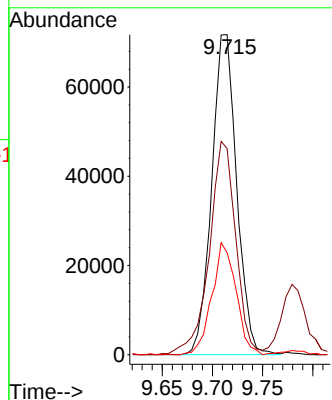
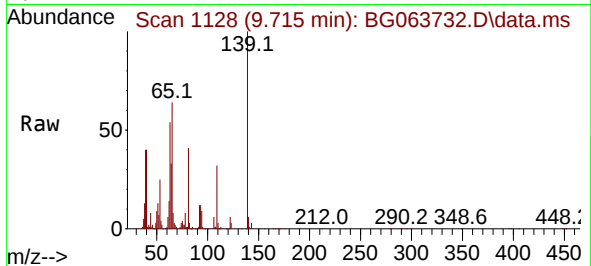
#25  
2-Nitrophenol  
Concen: 31.434 ng/ul  
RT: 9.715 min Scan# 1127  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662

Tgt Ion:139 Resp: 124148  
Ion Ratio Lower Upper  
139 100  
65 64.5 62.2 93.2  
109 31.9 26.9 40.3

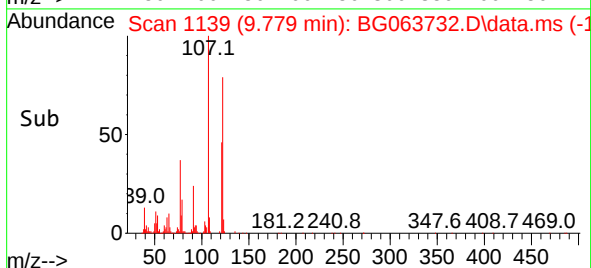
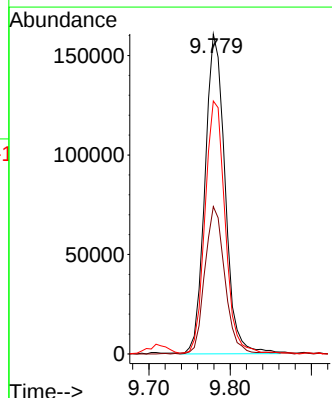
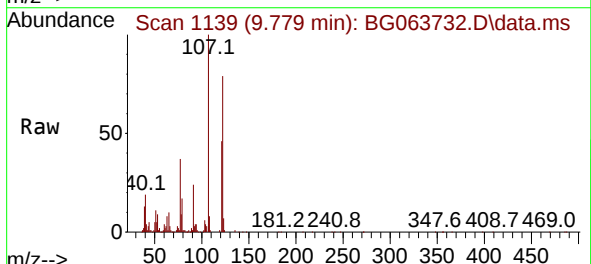
Manual Integrations  
APPROVED

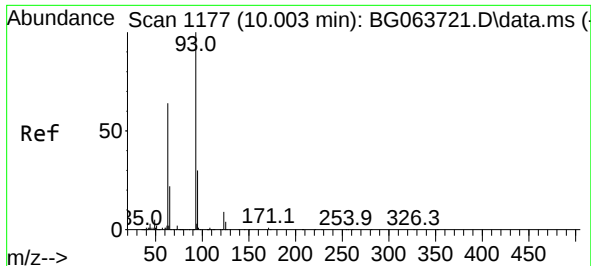
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#26  
2,4-Dimethylphenol  
Concen: 30.802 ng/ul  
RT: 9.779 min Scan# 1139  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

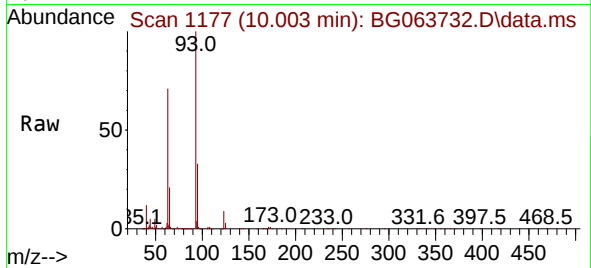
Tgt Ion:107 Resp: 276045  
Ion Ratio Lower Upper  
107 100  
121 46.1 38.4 57.6  
122 79.0 61.8 92.8





#27  
Bis(2-Chloroethoxy)methane  
Concen: 28.361 ng/ul  
RT: 10.003 min Scan# 1177  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

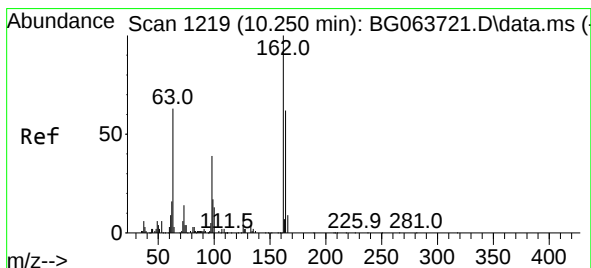
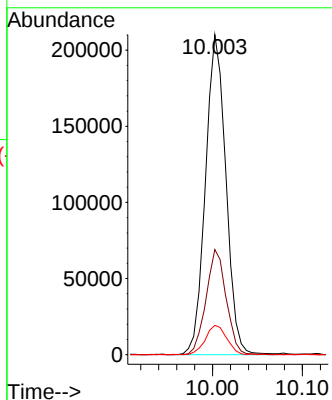
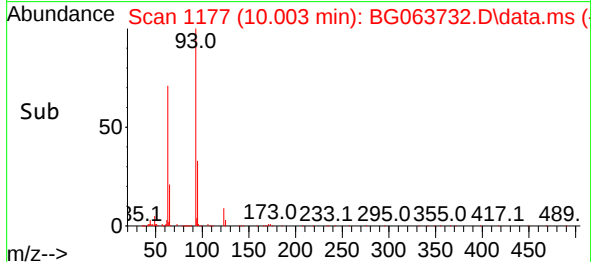
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



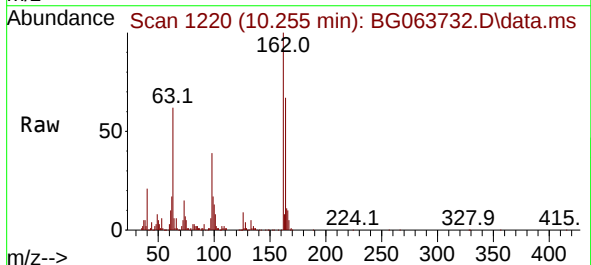
Tgt Ion: 93 Resp: 331810  
Ion Ratio Lower Upper  
93 100  
95 32.8 23.5 35.3  
123 9.2 6.2 9.4

Manual Integrations  
APPROVED

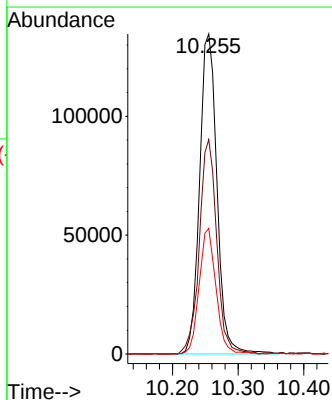
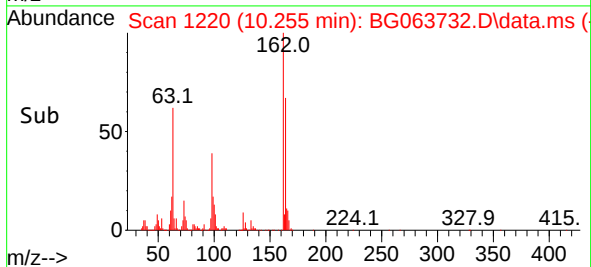
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

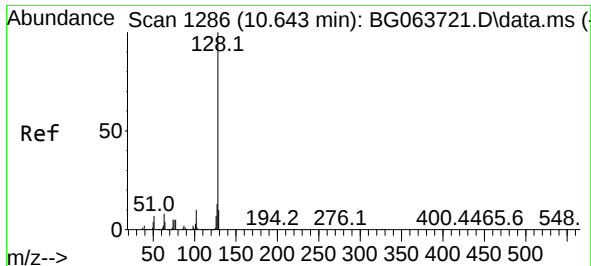


#29  
2,4-Dichlorophenol  
Concen: 33.622 ng/ul  
RT: 10.255 min Scan# 1220  
Delta R.T. -0.001 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



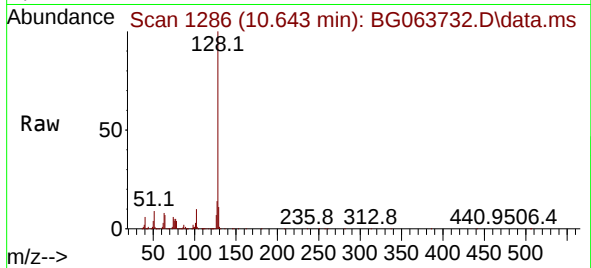
Tgt Ion:162 Resp: 248565  
Ion Ratio Lower Upper  
162 100  
164 67.0 53.0 79.4  
98 39.3 33.0 49.6





#30  
Naphthalene  
Concen: 29.715 ng/ul  
RT: 10.643 min Scan# 1286  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

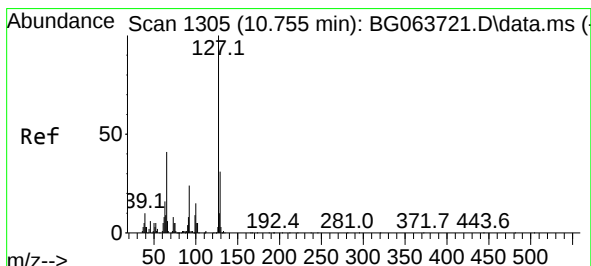
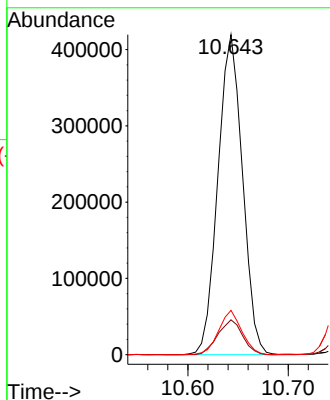
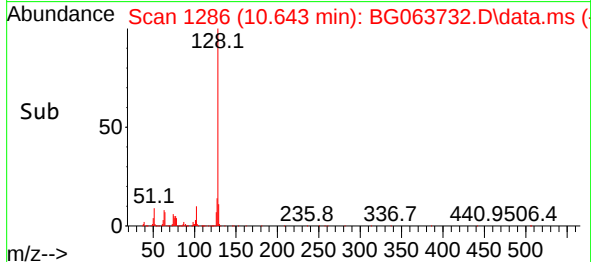
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



Tgt Ion:128 Resp: 713328  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.2 12.2  
127 13.9 9.8 14.8

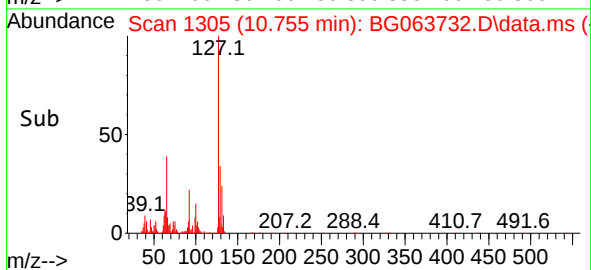
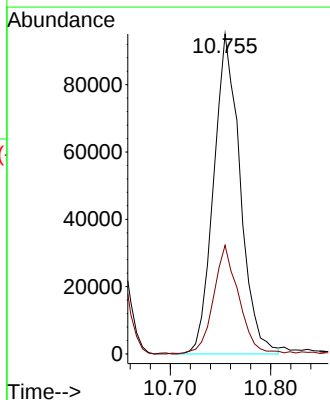
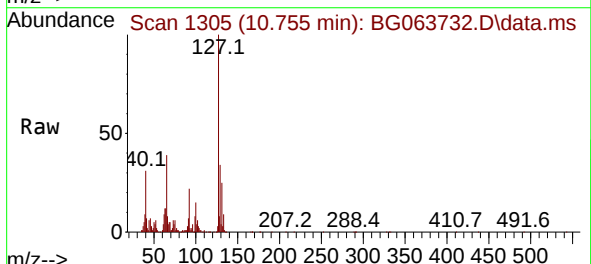
Manual Integrations  
APPROVED

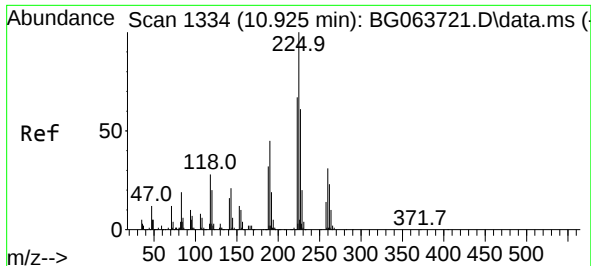
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#32  
4-Chloroaniline  
Concen: 19.392 ng/ul  
RT: 10.755 min Scan# 1305  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

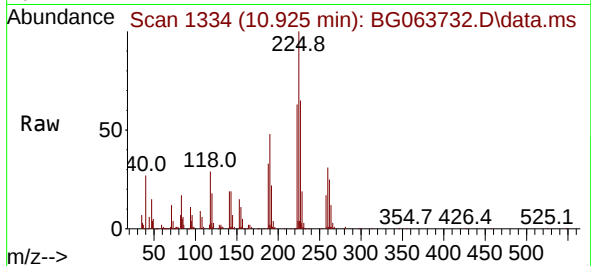
Tgt Ion:127 Resp: 174302  
Ion Ratio Lower Upper  
127 100  
129 34.0 24.5 36.7





#33  
Hexachlorobutadiene  
Concen: 26.185 ng/ul  
RT: 10.925 min Scan# 1334  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

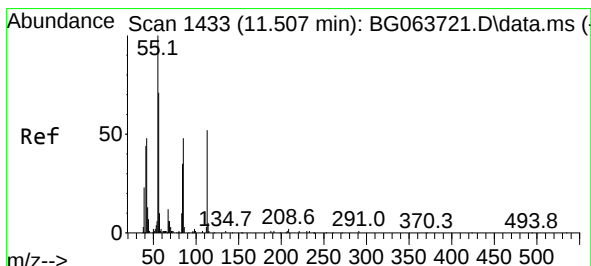
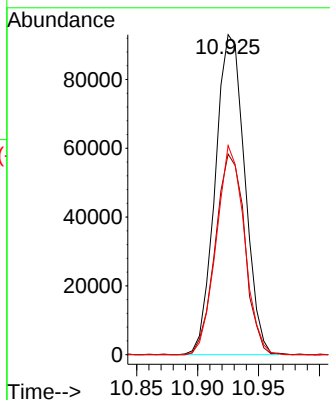
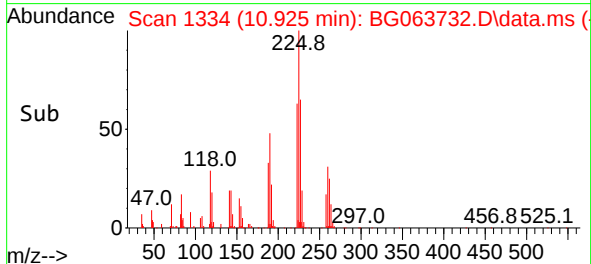
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



Tgt Ion:225 Resp: 157269  
Ion Ratio Lower Upper  
225 100  
223 62.7 51.2 76.8  
227 65.4 51.1 76.7

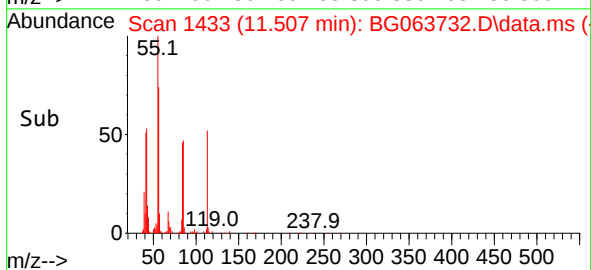
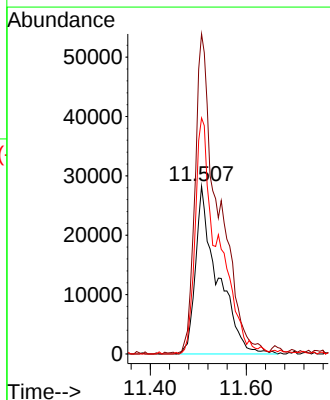
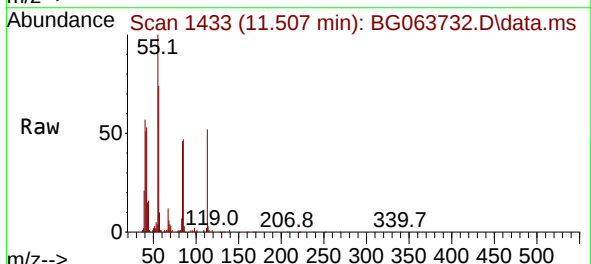
Manual Integrations  
APPROVED

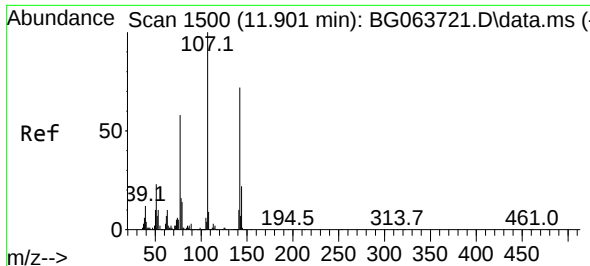
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#34  
Caprolactam  
Concen: 35.159 ng/ul m  
RT: 11.507 min Scan# 1433  
Delta R.T. -0.001 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

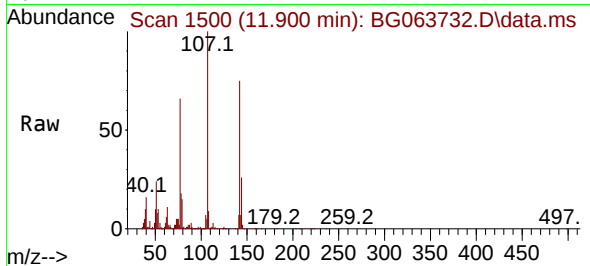
Tgt Ion:113 Resp: 89851  
Ion Ratio Lower Upper  
113 100  
55 190.9 162.3 243.5  
56 140.8 107.1 160.7





#35  
4-Chloro-3-methylphenol  
Concen: 31.716 ng/ul m  
RT: 11.900 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

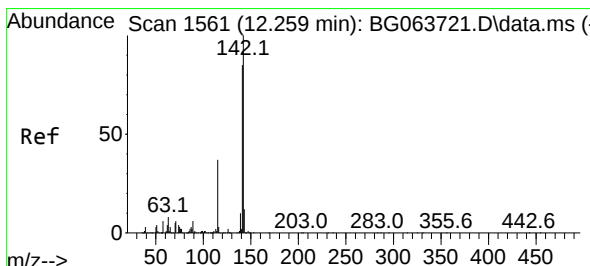
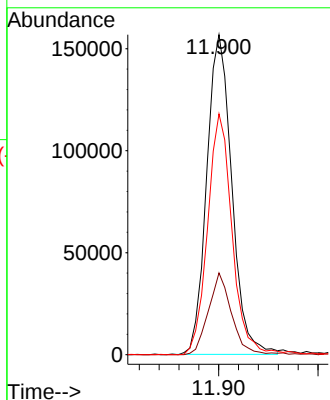
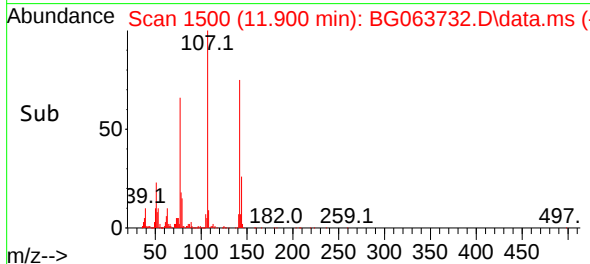
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



Tgt Ion:107 Resp: 27527  
Ion Ratio Lower Upper  
107 100  
144 25.6 16.3 24.5  
142 75.3 55.0 82.4

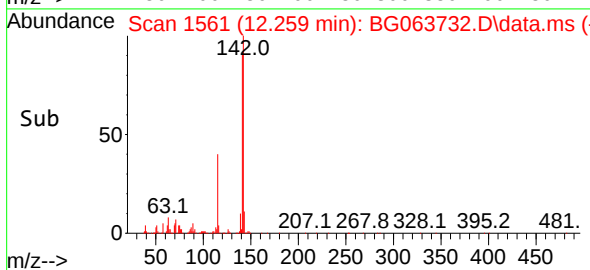
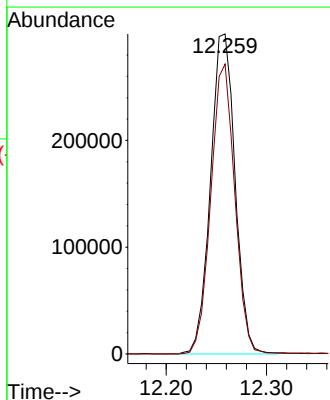
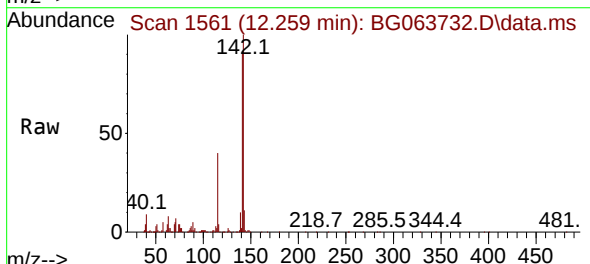
Manual Integrations  
APPROVED

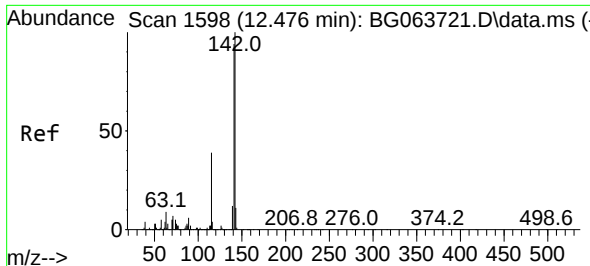
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#36  
2-Methylnaphthalene  
Concen: 29.560 ng/ul  
RT: 12.259 min Scan# 1561  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

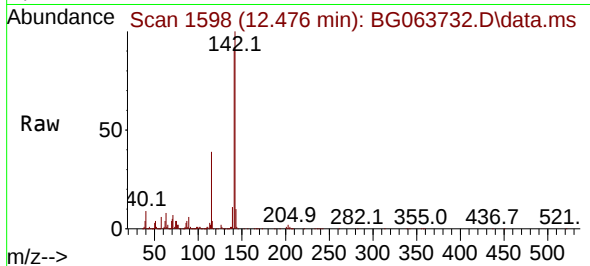
Tgt Ion:142 Resp: 510011  
Ion Ratio Lower Upper  
142 100  
141 90.6 69.5 104.3





#37  
1-Methylnaphthalene  
Concen: 28.909 ng/ul  
RT: 12.476 min Scan# 1598  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

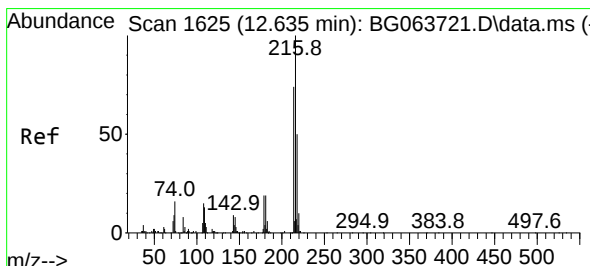
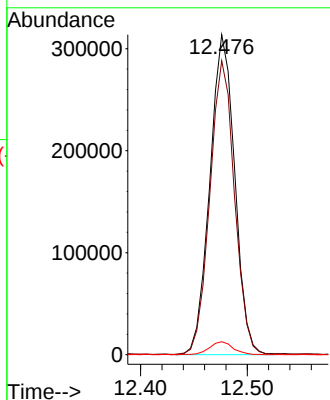
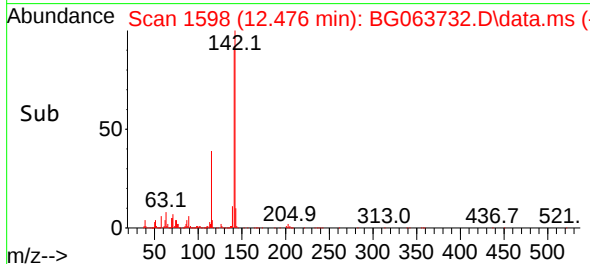
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



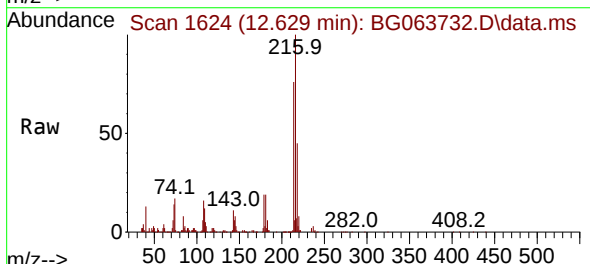
Tgt Ion:142 Resp: 508054  
Ion Ratio Lower Upper  
142 100  
141 91.9 73.8 110.6  
116 4.1 3.5 5.3

Manual Integrations  
APPROVED

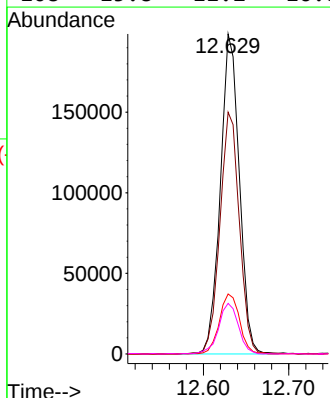
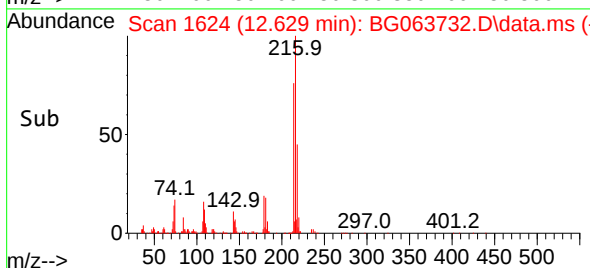
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

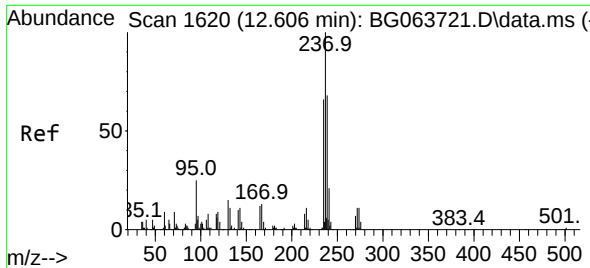


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 26.525 ng/ul  
RT: 12.629 min Scan# 1624  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



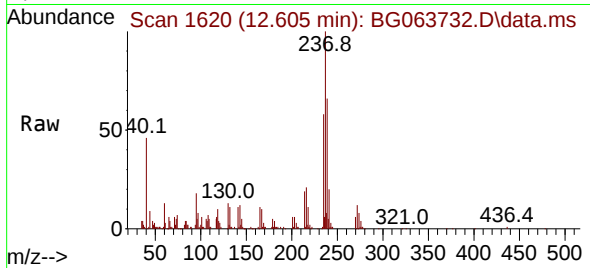
Tgt Ion:216 Resp: 306463  
Ion Ratio Lower Upper  
216 100  
214 75.6 62.6 93.8  
179 18.7 16.5 24.7  
108 15.8 11.2 16.8





#40  
Hexachlorocyclopentadiene  
Concen: 15.116 ng/ul  
RT: 12.605 min Scan# 1620  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

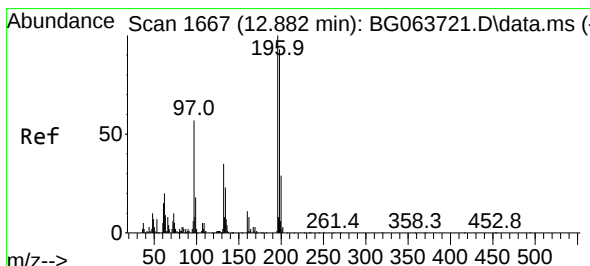
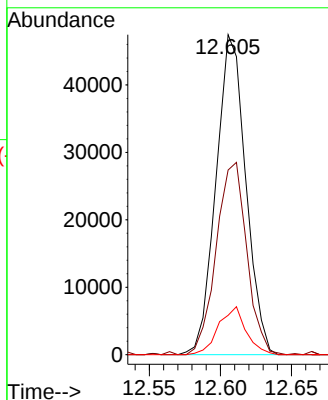
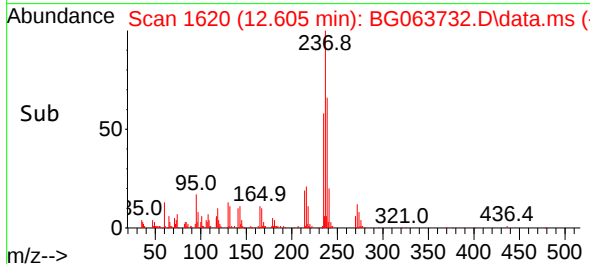
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



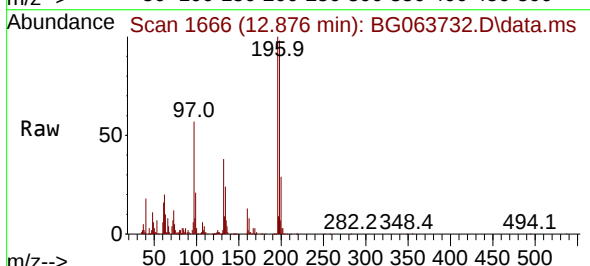
Tgt Ion:237 Resp: 69039  
Ion Ratio Lower Upper  
237 100  
235 63.5 51.0 76.6  
272 12.8 9.7 14.5

Manual Integrations  
APPROVED

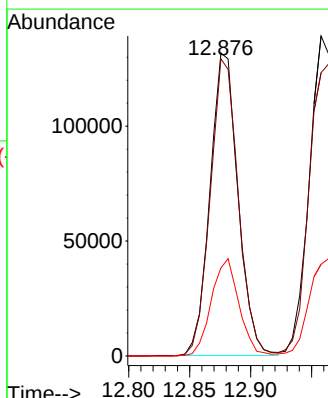
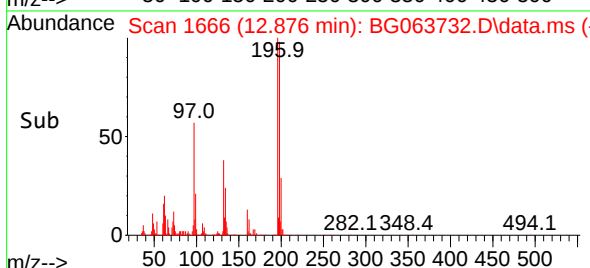
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

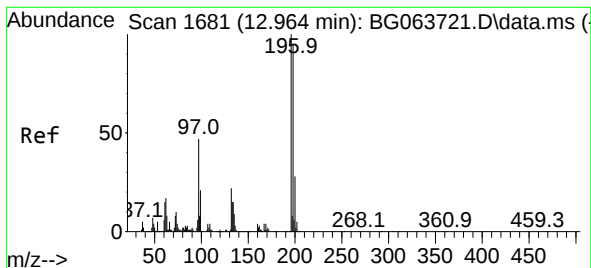


#41  
2,4,6-Trichlorophenol  
Concen: 32.267 ng/ul  
RT: 12.876 min Scan# 1666  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



Tgt Ion:196 Resp: 210710  
Ion Ratio Lower Upper  
196 100  
198 98.0 72.4 108.6  
200 29.1 22.5 33.7





#42  
2,4,5-Trichlorophenol  
Concen: 33.844 ng/ul  
RT: 12.958 min Scan# 1  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :

BNA\_G

ClientSampleId :

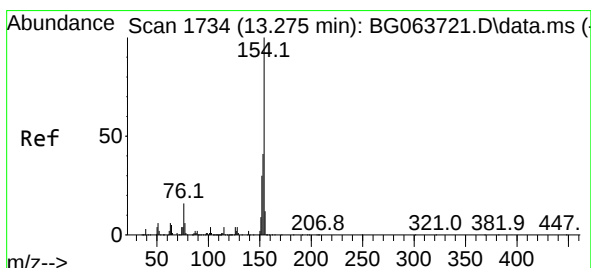
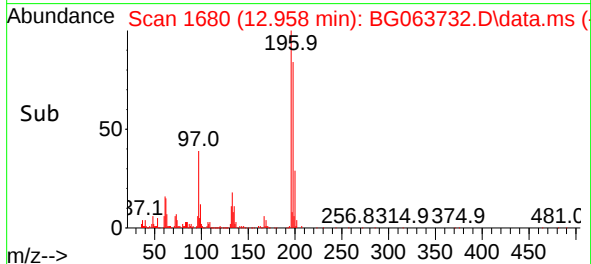
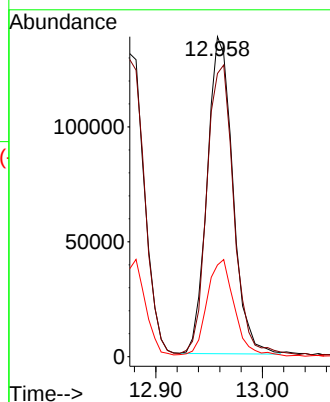
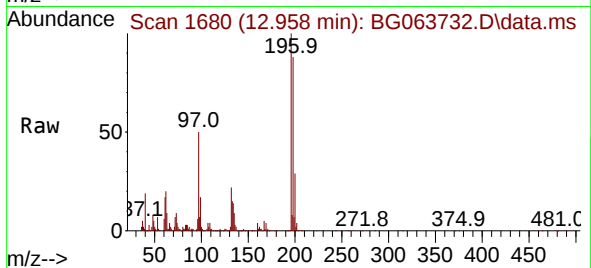
SLCS662

Tgt Ion:196 Resp: 23065  
Ion Ratio Lower Upper  
196 100  
198 88.5 74.2 111.4  
200 28.6 23.5 35.3

Manual Integrations

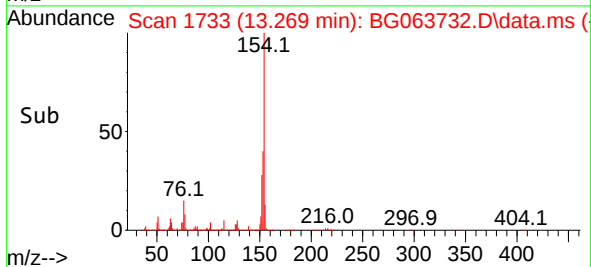
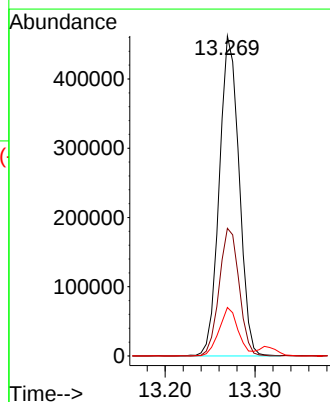
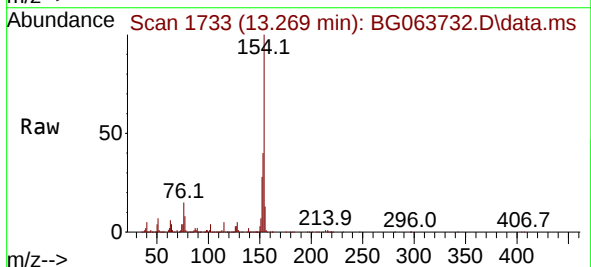
APPROVED

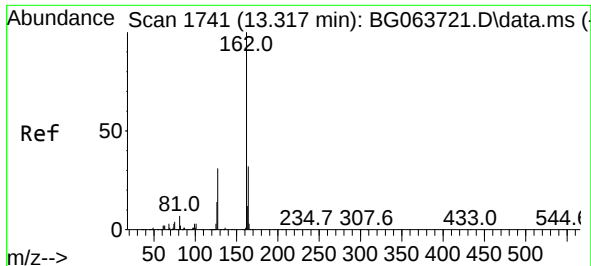
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#43  
1,1'-Biphenyl  
Concen: 29.704 ng/ul  
RT: 13.269 min Scan# 1733  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Tgt Ion:154 Resp: 707002  
Ion Ratio Lower Upper  
154 100  
153 39.9 35.1 52.7  
76 15.1 13.4 20.2





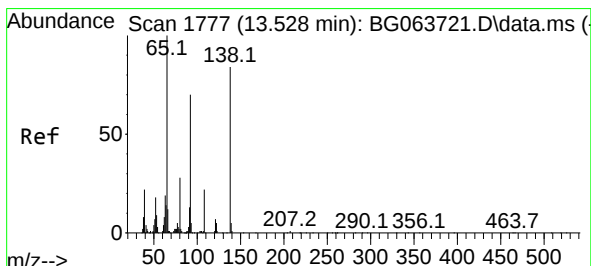
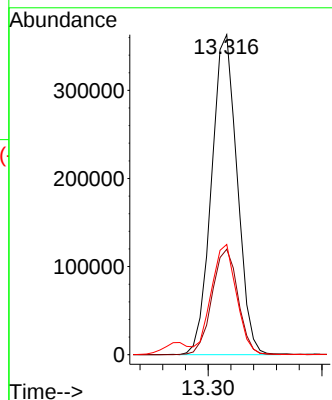
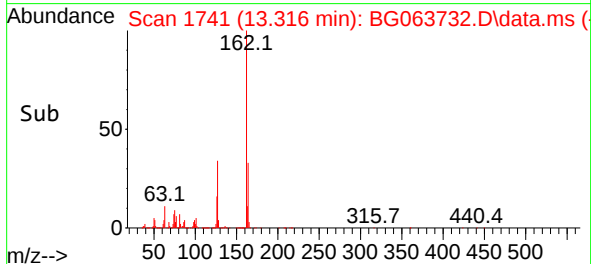
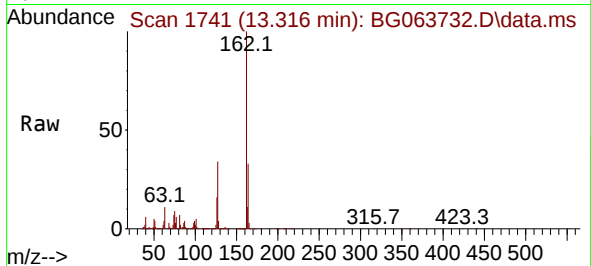
#44  
2-Chloronaphthalene  
Concen: 29.751 ng/ul  
RT: 13.316 min Scan# 1741  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662

Tgt Ion:162 Resp: 56863  
Ion Ratio Lower Upper  
162 100  
164 33.0 25.2 37.8  
127 34.5 29.2 43.8

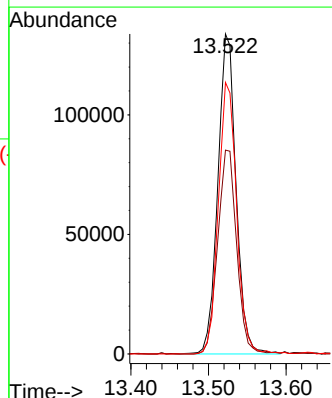
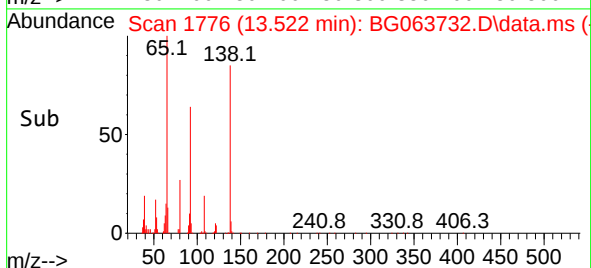
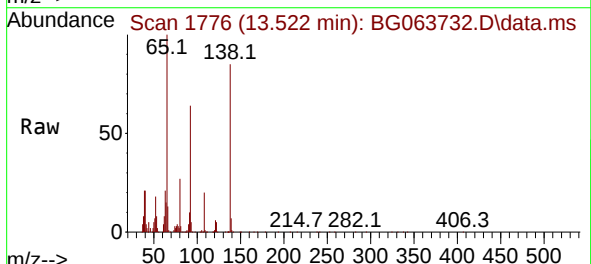
Manual Integrations  
APPROVED

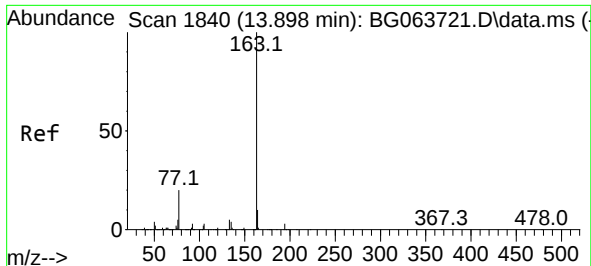
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#45  
2-Nitroaniline  
Concen: 34.222 ng/ul  
RT: 13.522 min Scan# 1776  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

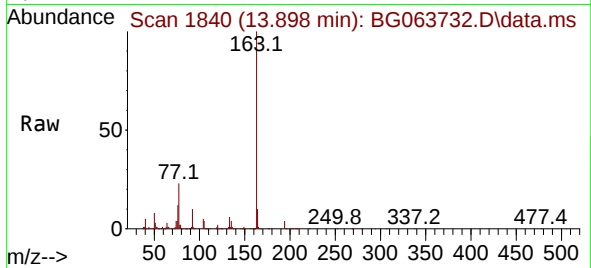
Tgt Ion: 65 Resp: 219098  
Ion Ratio Lower Upper  
65 100  
92 63.7 49.5 74.3  
138 84.9 61.8 92.8





#47  
Dimethylphthalate  
Concen: 31.134 ng/ul  
RT: 13.898 min Scan# 1840  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

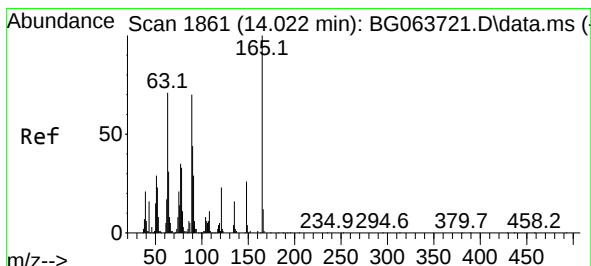
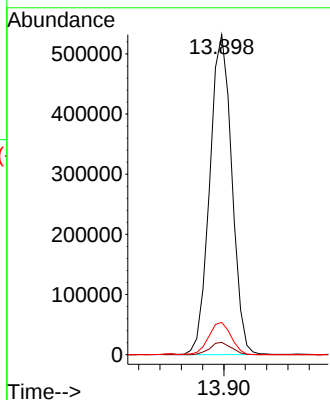
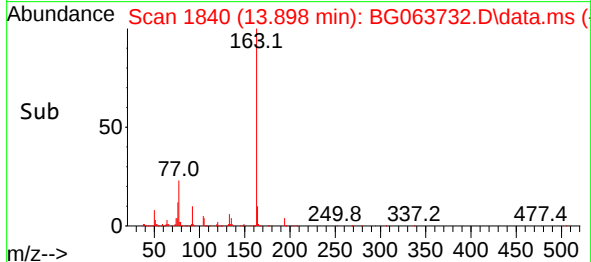
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



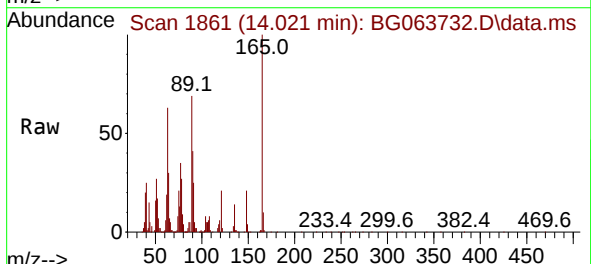
Tgt Ion:163 Resp: 76630  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.1 8.8 13.2

Manual Integrations  
APPROVED

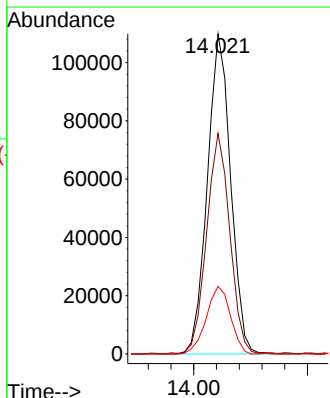
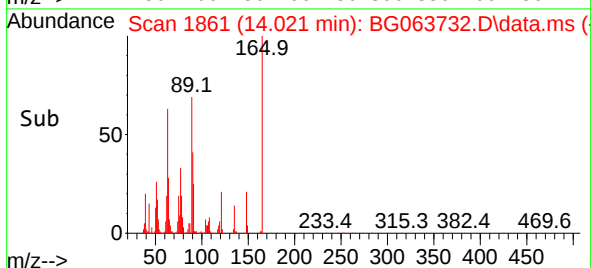
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

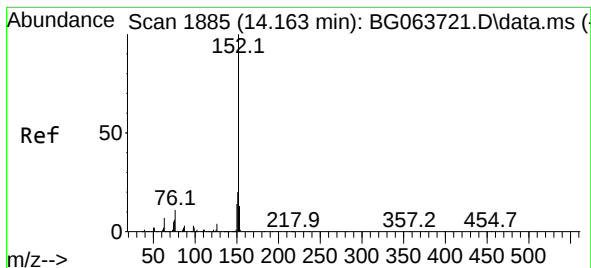


#48  
2,6-Dinitrotoluene  
Concen: 34.201 ng/ul  
RT: 14.021 min Scan# 1861  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



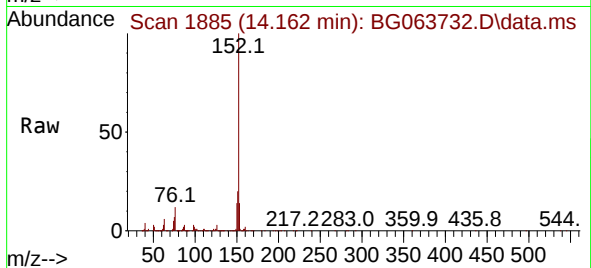
Tgt Ion:165 Resp: 156335  
Ion Ratio Lower Upper  
165 100  
89 68.9 59.4 89.2  
121 21.1 20.8 31.2





#50  
Acenaphthylene  
Concen: 30.712 ng/ul  
RT: 14.162 min Scan# 1885  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

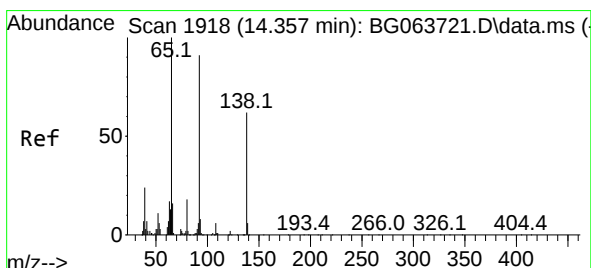
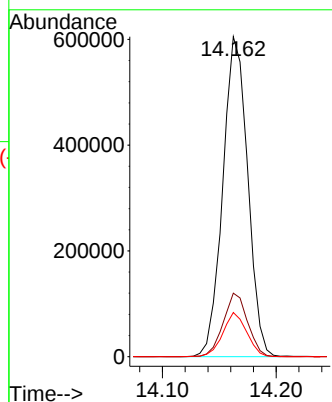
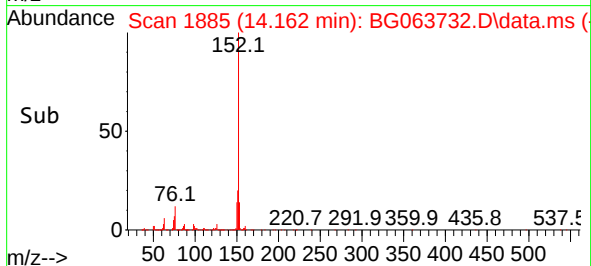
Instrument : BNA\_G  
ClientSampleId : SLCS662



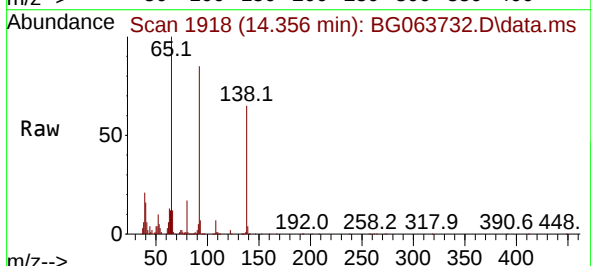
Tgt Ion:152 Resp: 92191  
Ion Ratio Lower Upper  
152 100  
151 19.8 14.6 22.0  
153 13.8 10.0 15.0

Manual Integrations  
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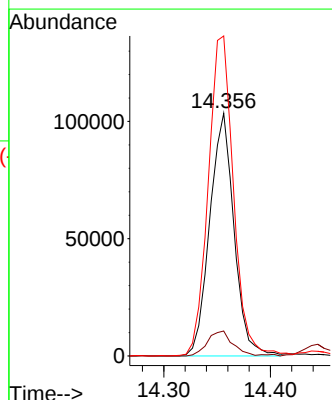
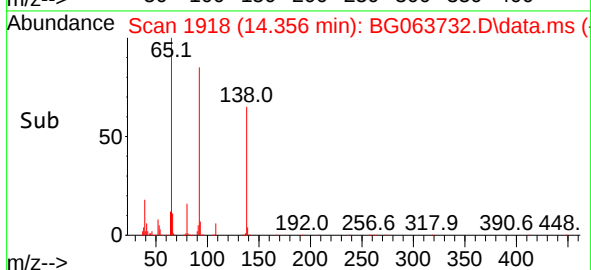
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

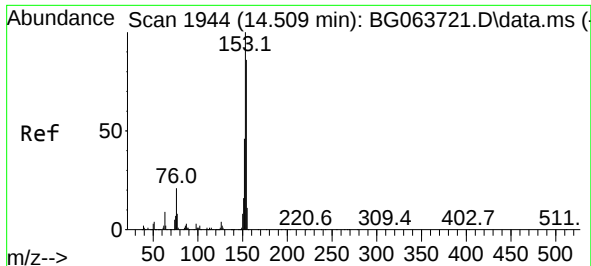


#51  
3-Nitroaniline  
Concen: 38.735 ng/ul  
RT: 14.356 min Scan# 1918  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



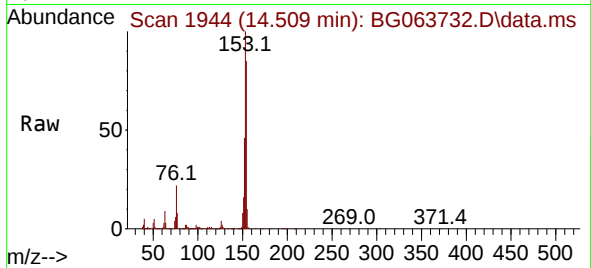
Tgt Ion:138 Resp: 163706  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.4 12.6  
92 131.8 120.4 180.6





#52  
Acenaphthene  
Concen: 30.799 ng/ul  
RT: 14.509 min Scan# 1944  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

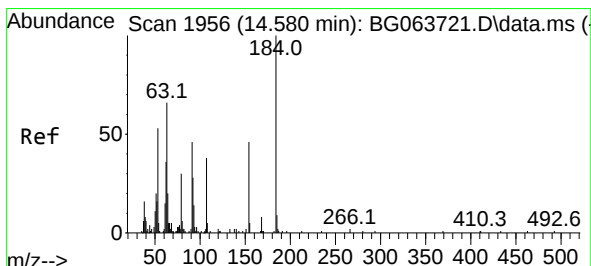
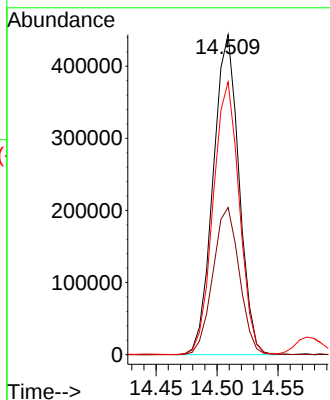
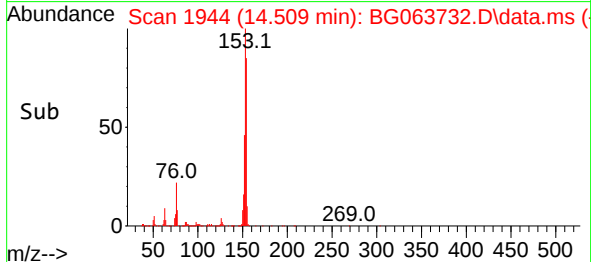
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



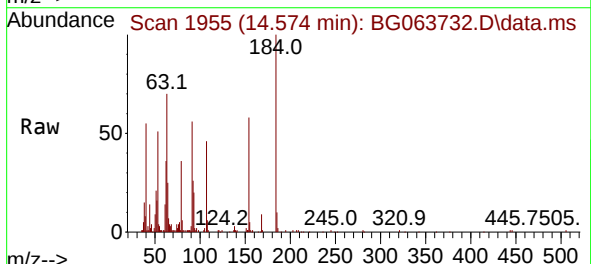
Tgt Ion:153 Resp: 65529  
Ion Ratio Lower Upper  
153 100  
152 46.0 40.2 60.4  
154 85.3 70.8 106.2

Manual Integrations  
APPROVED

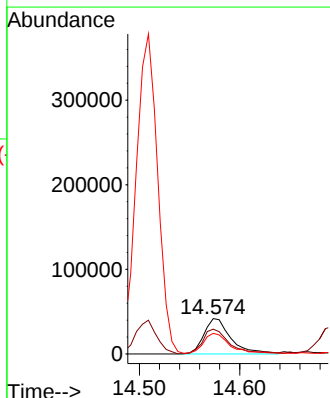
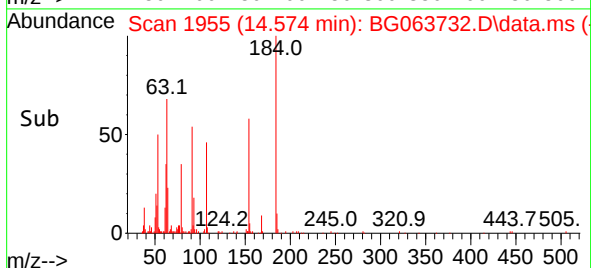
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

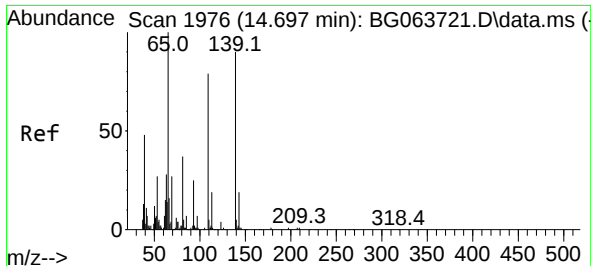


#53  
2,4-Dinitrophenol  
Concen: 33.359 ng/ul  
RT: 14.574 min Scan# 1955  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



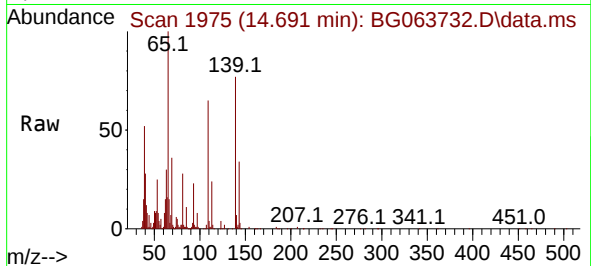
Tgt Ion:184 Resp: 77927  
Ion Ratio Lower Upper  
184 100  
63 70.4 52.1 78.1  
154 58.4 47.8 71.6





#55  
4-Nitrophenol  
Concen: 33.273 ng/ul  
RT: 14.691 min Scan# 1976  
Delta R.T. 0.005 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

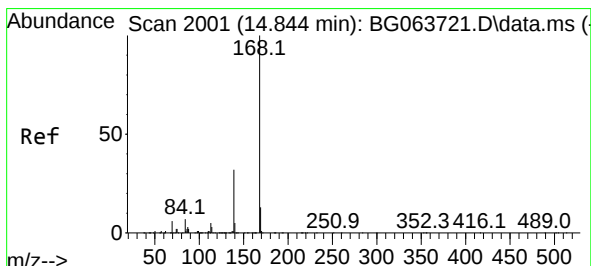
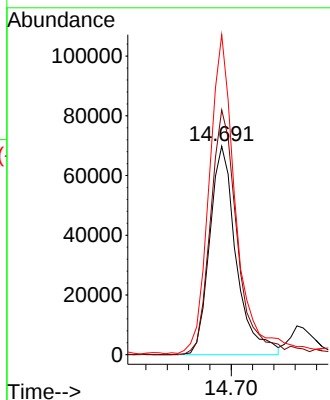
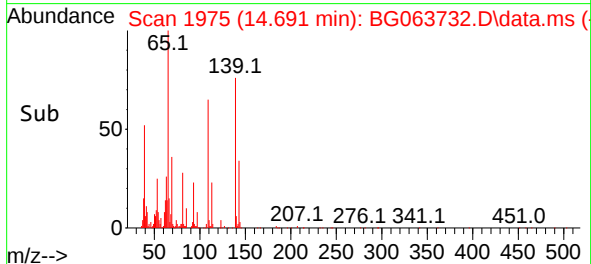
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



Tgt Ion:109 Resp: 120220  
Ion Ratio Lower Upper  
109 100  
139 117.4 86.4 129.6  
65 153.5 127.0 190.4

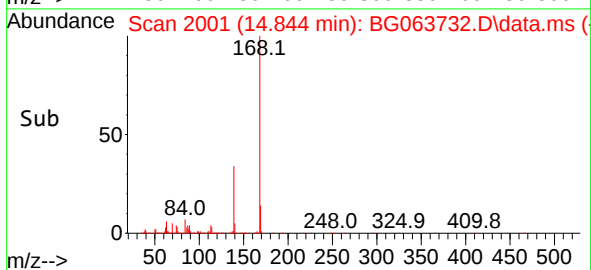
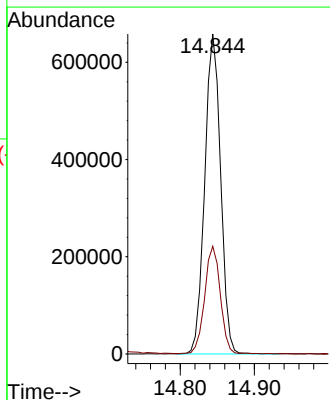
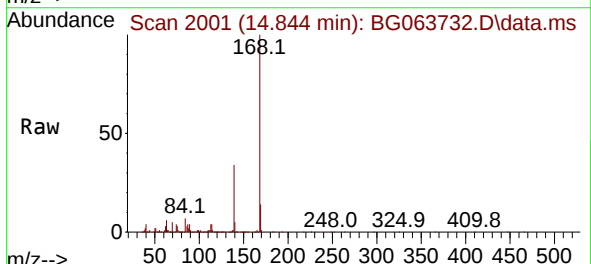
Manual Integrations  
APPROVED

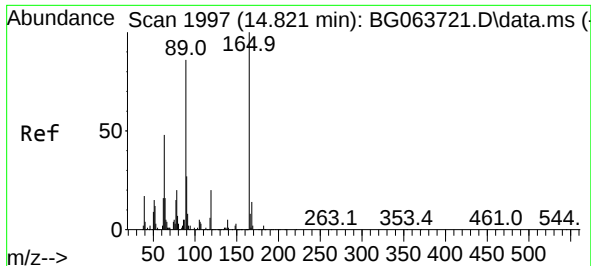
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#56  
Dibenzofuran  
Concen: 32.608 ng/ul  
RT: 14.844 min Scan# 2001  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

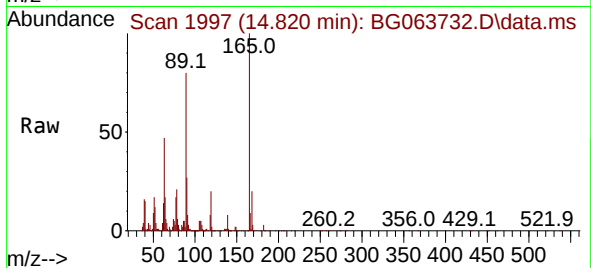
Tgt Ion:168 Resp: 978105  
Ion Ratio Lower Upper  
168 100  
139 33.6 27.8 41.8





#57  
2,4-Dinitrotoluene  
Concen: 36.699 ng/ul  
RT: 14.820 min Scan# 1997  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

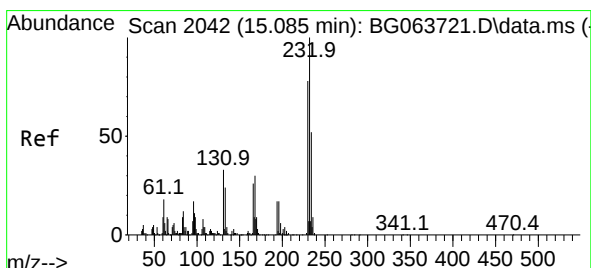
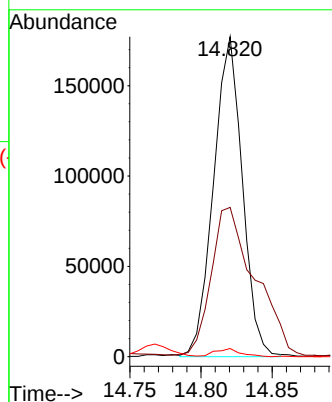
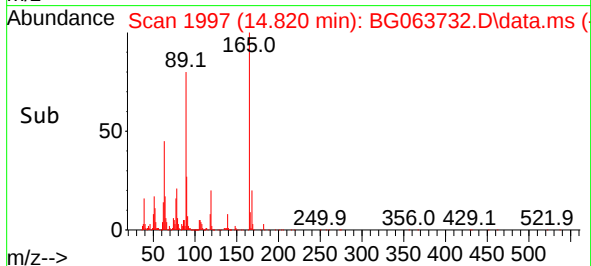
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



Tgt Ion:165 Resp: 249270  
Ion Ratio Lower Upper  
165 100  
63 46.6 45.0 67.4  
182 2.5 1.8 2.8

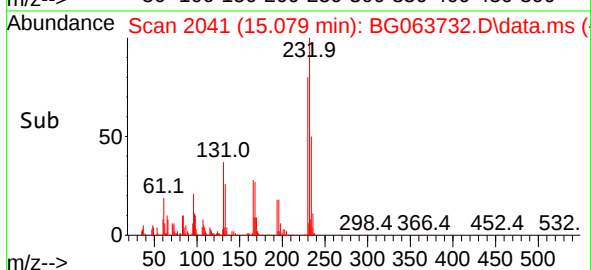
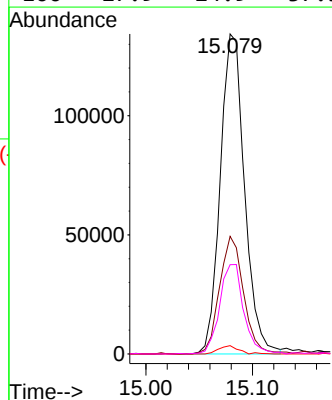
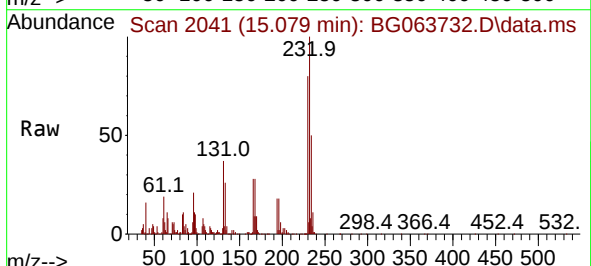
Manual Integrations  
APPROVED

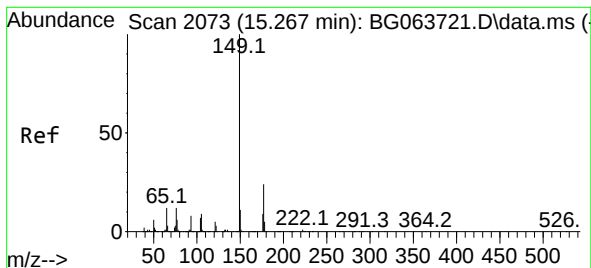
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 36.180 ng/ul  
RT: 15.079 min Scan# 2041  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Tgt Ion:232 Resp: 212543  
Ion Ratio Lower Upper  
232 100  
131 36.7 30.3 45.5  
130 2.6 1.8 2.6  
166 27.9 24.9 37.3





#59

Diethylphthalate

Concen: 34.014 ng/ul

RT: 15.267 min Scan# 2073

Delta R.T. -0.007 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Instrument :

BNA\_G

ClientSampleId :

SLCS662

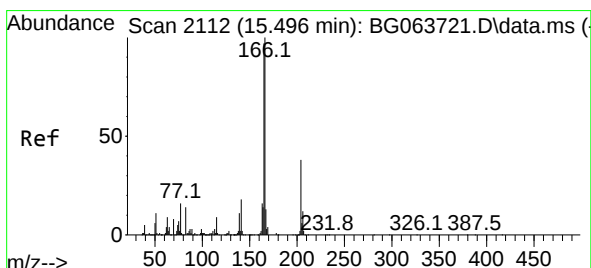
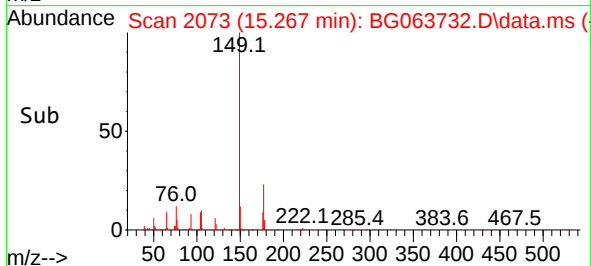
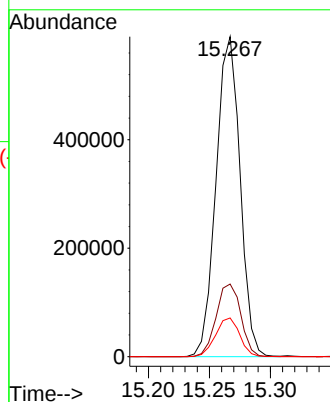
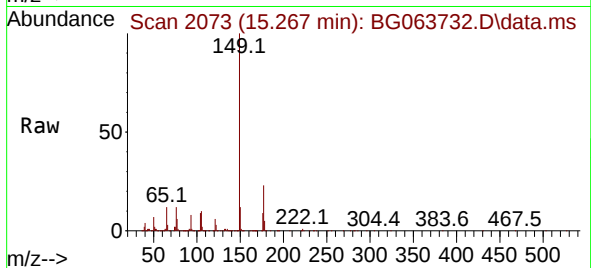
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 809339 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.7  | 17.6  | 26.4   |
| 150       | 12.1  | 9.0   | 13.4   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#61

Fluorene

Concen: 33.194 ng/ul

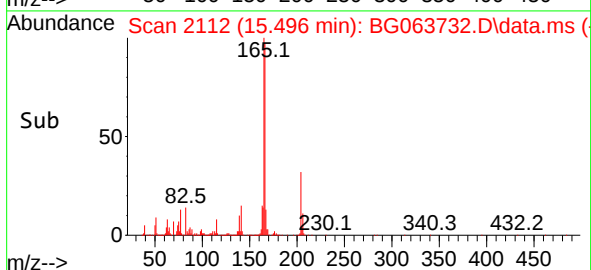
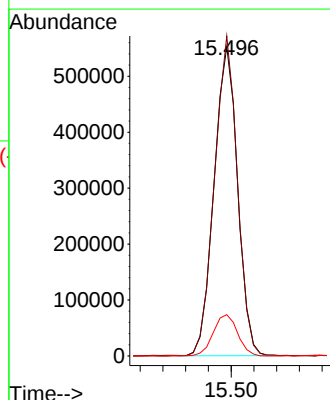
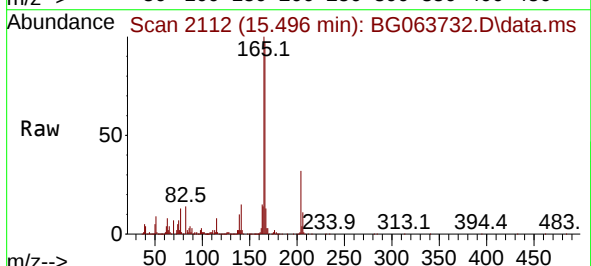
RT: 15.496 min Scan# 2112

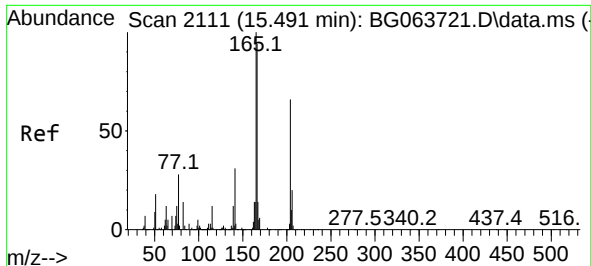
Delta R.T. -0.007 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

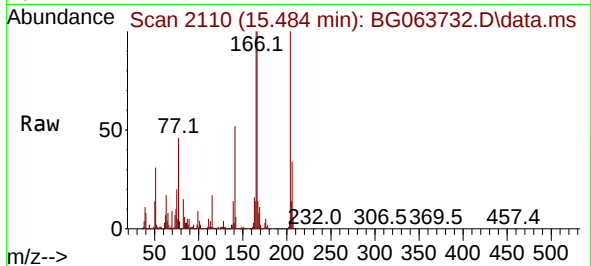
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 795070 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 103.5 | 81.9  | 122.9  |
| 167       | 13.4  | 11.4  | 17.0   |





#62  
4-Chlorophenyl-phenylether  
Concen: 30.993 ng/ul  
RT: 15.484 min Scan# 2110  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

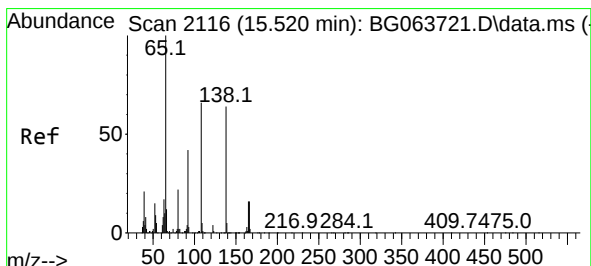
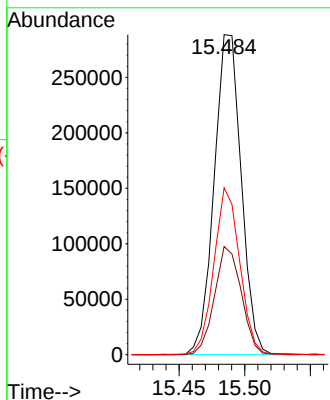
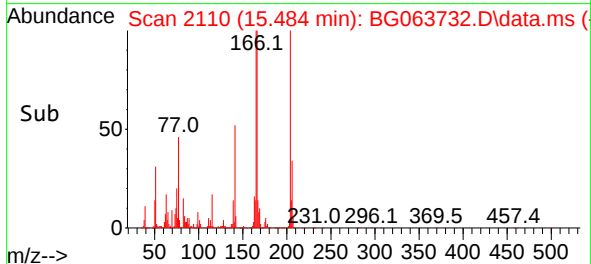
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



Tgt Ion:204 Resp: 413572  
Ion Ratio Lower Upper  
204 100  
206 33.8 25.6 38.4  
141 52.1 42.3 63.5

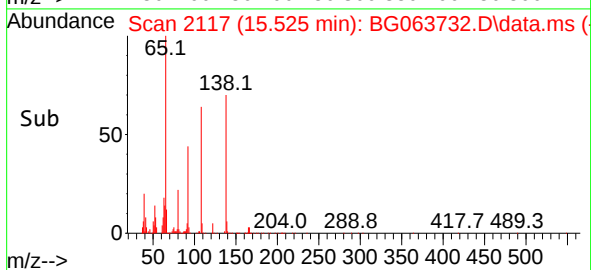
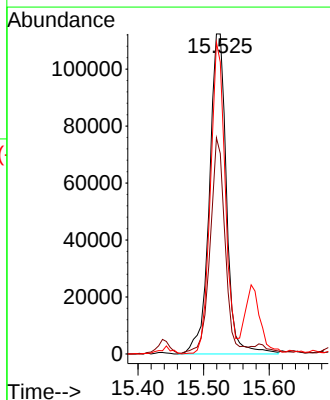
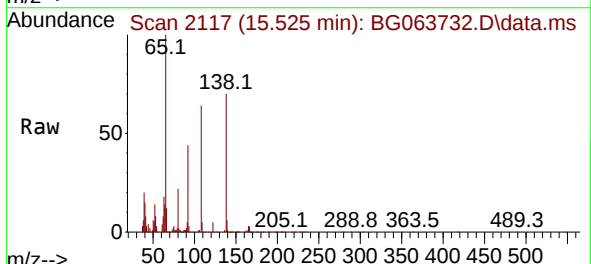
Manual Integrations  
APPROVED

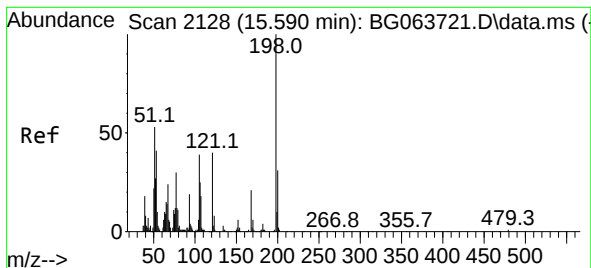
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#63  
4-Nitroaniline  
Concen: 48.050 ng/ul  
RT: 15.525 min Scan# 2117  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

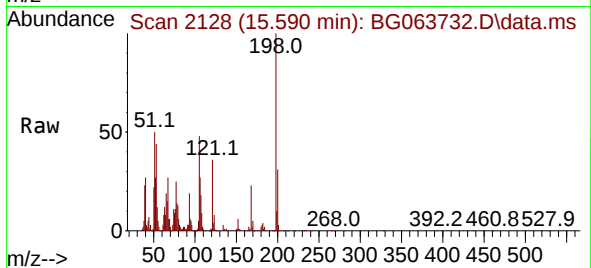
Tgt Ion:138 Resp: 203301  
Ion Ratio Lower Upper  
138 100  
92 62.6 53.2 79.8  
108 91.2 79.4 119.0





#66  
4,6-Dinitro-2-methylphenol  
Concen: 31.178 ng/ul  
RT: 15.590 min Scan# 2128  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

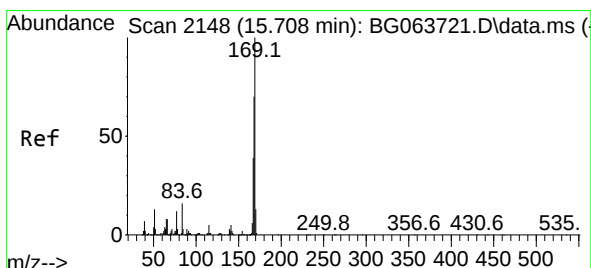
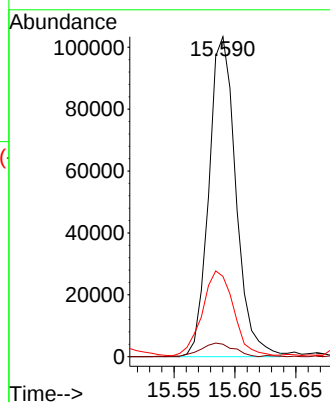
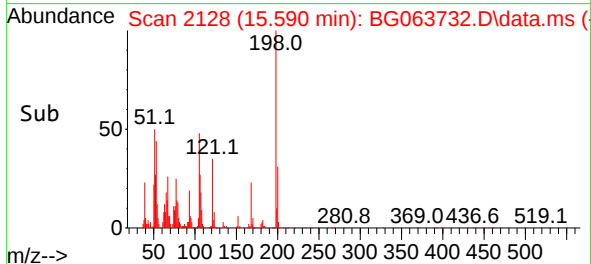
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



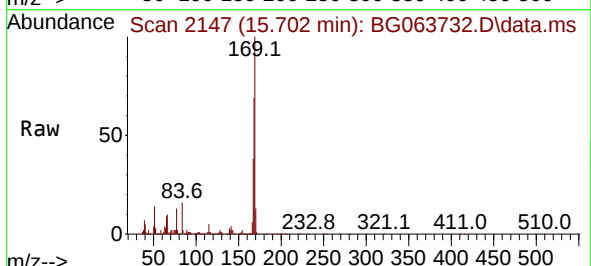
Tgt Ion:198 Resp: 15982  
Ion Ratio Lower Upper  
198 100  
182 3.9 3.4 5.2  
77 25.1 25.2 37.8

Manual Integrations  
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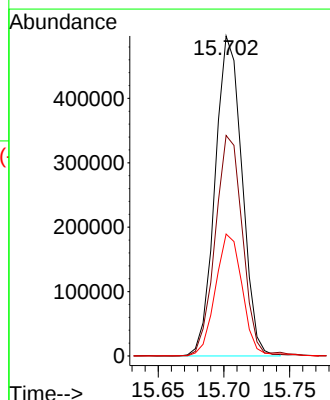
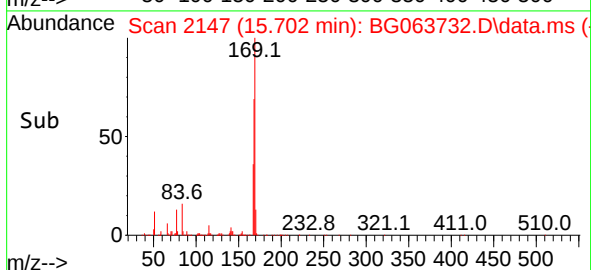
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

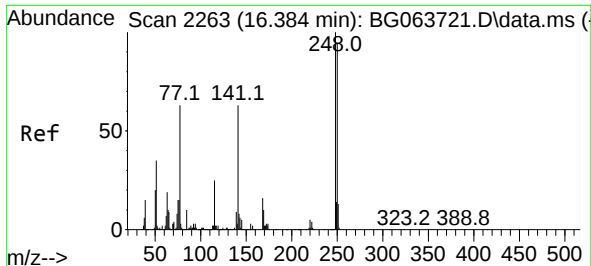


#67  
N-Nitrosodiphenylamine  
Concen: 30.534 ng/ul  
RT: 15.702 min Scan# 2147  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



Tgt Ion:169 Resp: 708597  
Ion Ratio Lower Upper  
169 100  
168 68.9 54.0 81.0  
167 38.1 29.8 44.8





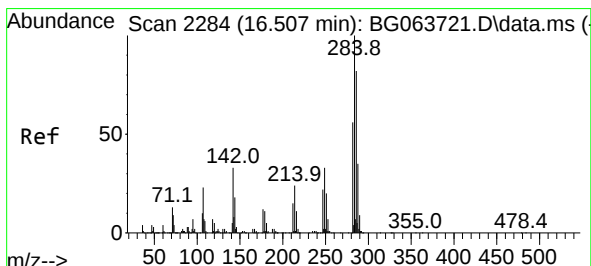
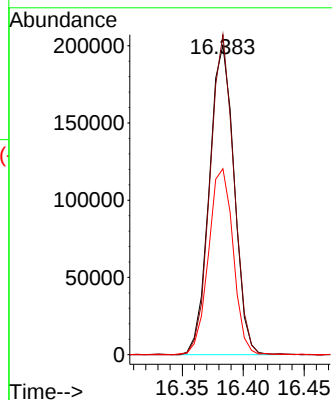
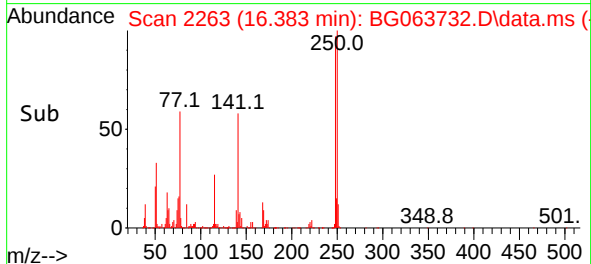
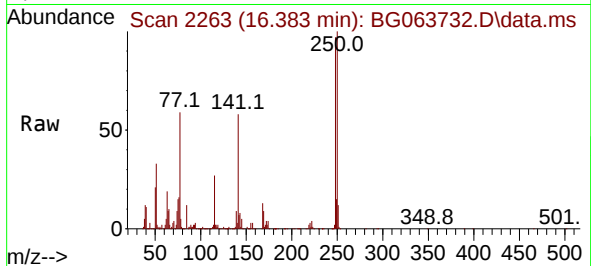
#68  
4-Bromophenyl-phenylether  
Concen: 29.078 ng/ul  
RT: 16.383 min Scan# 21  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662

Tgt Ion:248 Resp: 284000  
Ion Ratio Lower Upper  
248 100  
250 103.4 76.1 114.1  
141 60.1 46.0 69.0

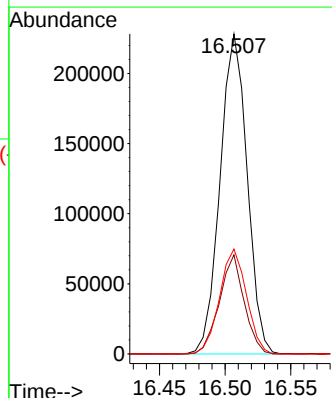
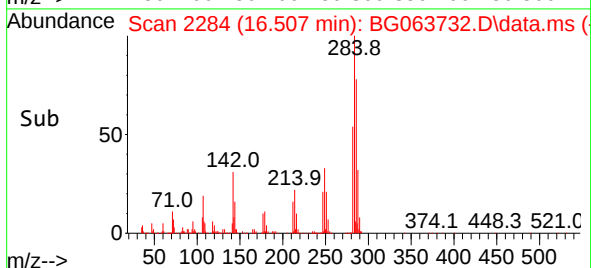
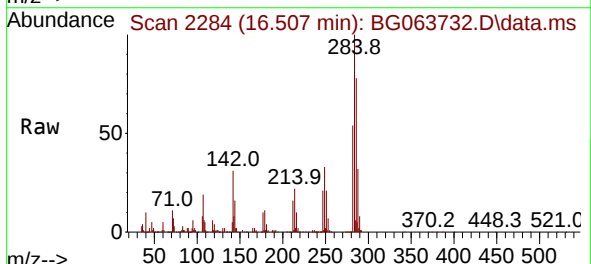
Manual Integrations  
APPROVED

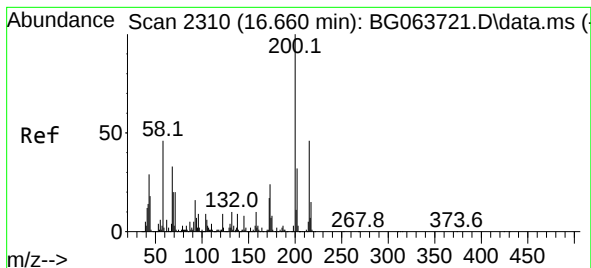
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#69  
Hexachlorobenzene  
Concen: 29.896 ng/ul  
RT: 16.507 min Scan# 2284  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Tgt Ion:284 Resp: 327147  
Ion Ratio Lower Upper  
284 100  
142 31.0 23.9 35.9  
249 32.8 24.6 36.8





#70

Atrazine

Concen: 31.615 ng/ul

RT: 16.659 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Instrument :

BNA\_G

ClientSampleId :

SLCS662

Tgt Ion:200 Resp: 310139

Ion Ratio Lower Upper

200 100

173 24.0 21.3 31.9

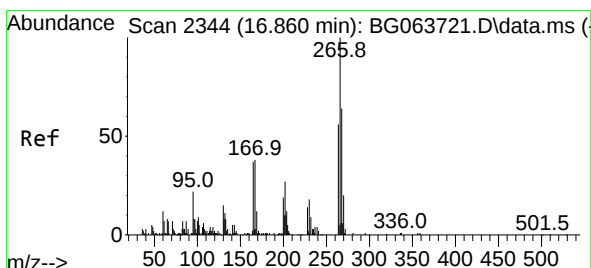
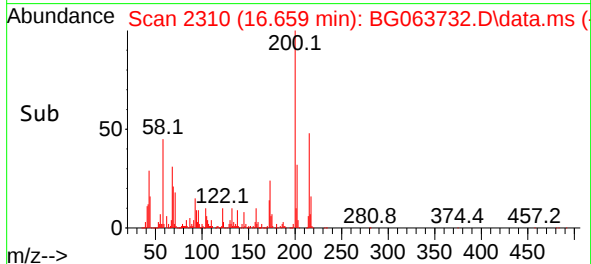
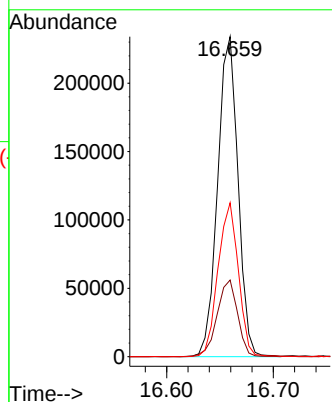
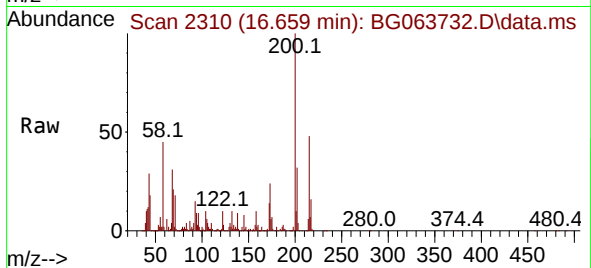
215 48.1 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#71

Pentachlorophenol

Concen: 32.962 ng/ul

RT: 16.859 min Scan# 2344

Delta R.T. -0.007 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

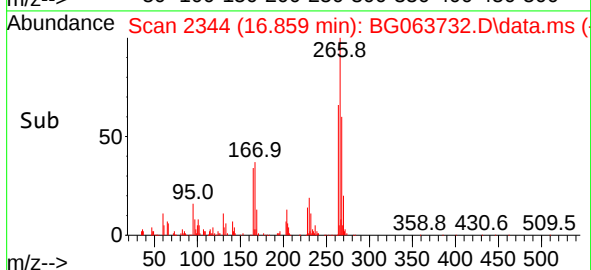
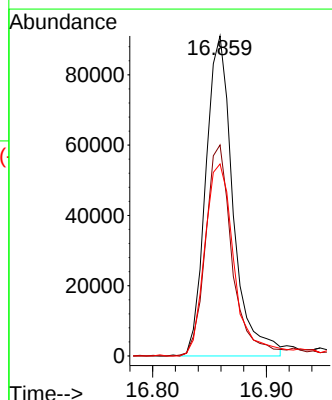
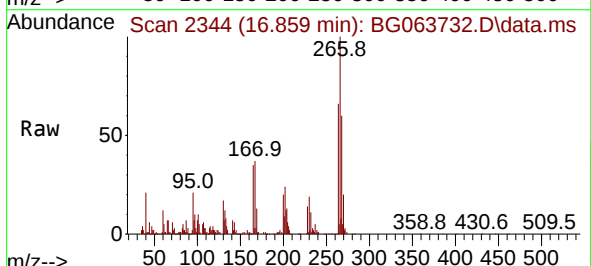
Tgt Ion:266 Resp: 152078

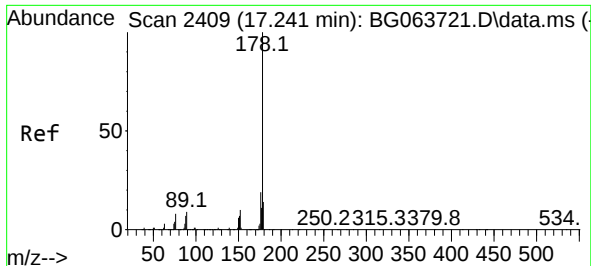
Ion Ratio Lower Upper

266 100

264 66.0 49.3 73.9

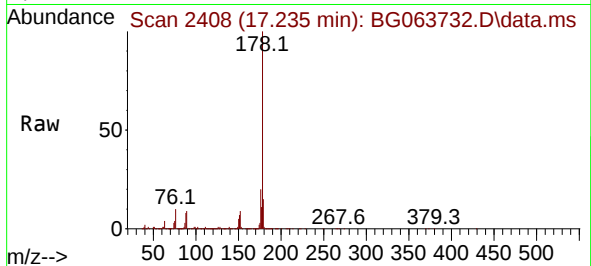
268 60.0 50.5 75.7





#72  
Phenanthrene  
Concen: 32.468 ng/ul  
RT: 17.235 min Scan# 2408  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

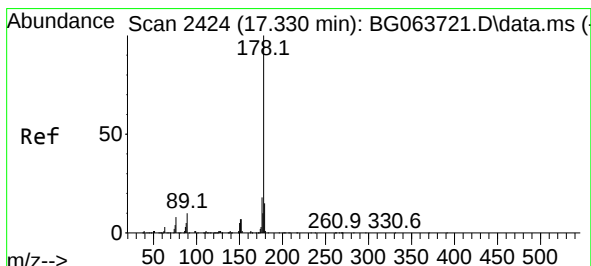
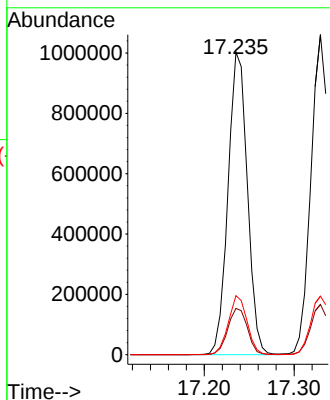
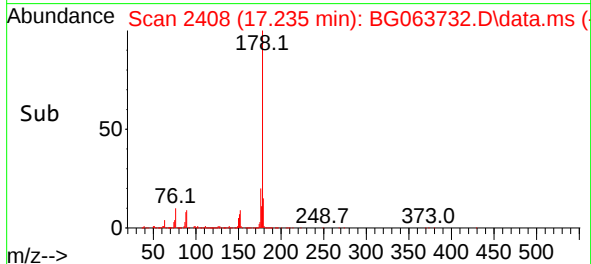
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



Tgt Ion:178 Resp: 1499460  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.2 18.2  
176 19.5 15.8 23.6

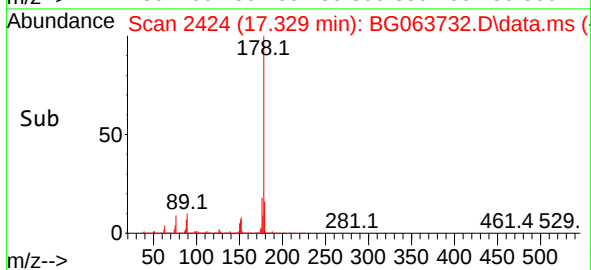
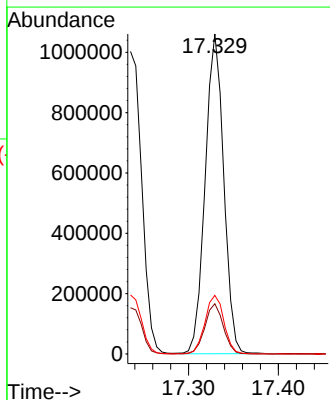
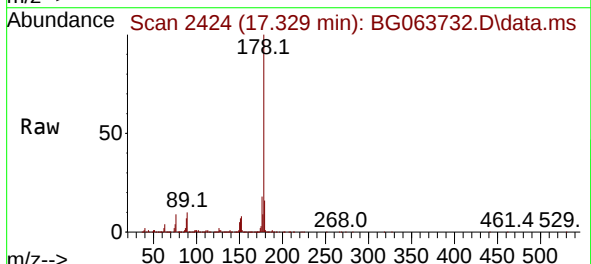
Manual Integrations  
APPROVED

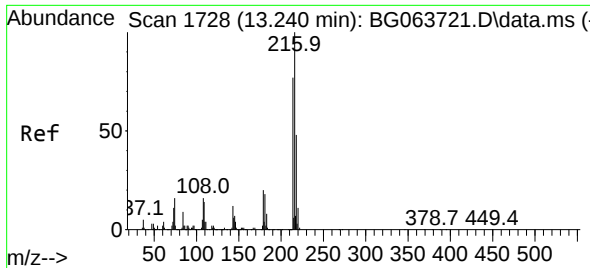
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#74  
Anthracene  
Concen: 32.486 ng/ul  
RT: 17.329 min Scan# 2424  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

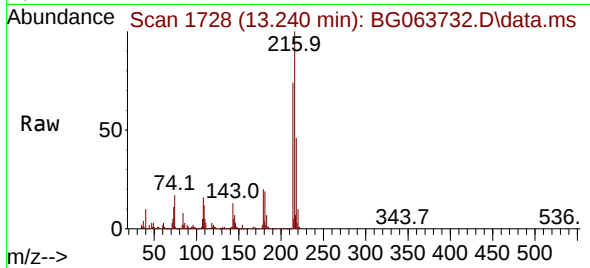
Tgt Ion:178 Resp: 1518475  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.4 18.6  
176 18.3 14.4 21.6





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 24.305 ng/ul  
RT: 13.240 min Scan# 1728  
Delta R.T. -0.007 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

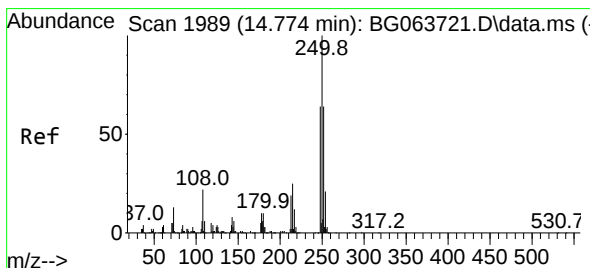
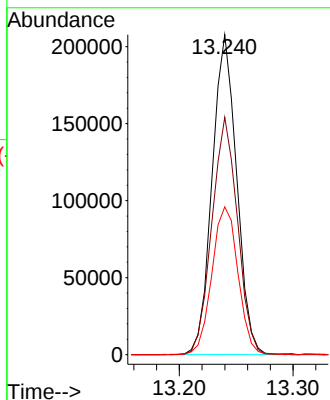
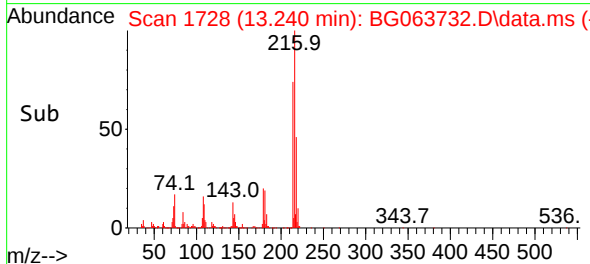
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



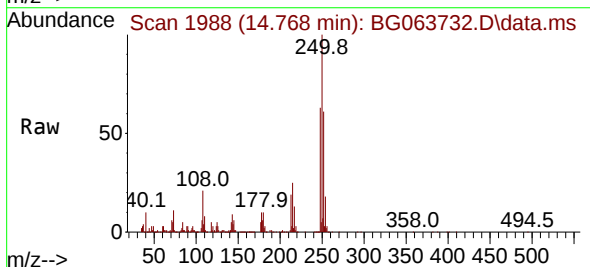
Tgt Ion:216 Resp: 310770  
Ion Ratio Lower Upper  
216 100  
214 74.2 60.2 90.4  
218 46.2 37.6 56.4

Manual Integrations  
APPROVED

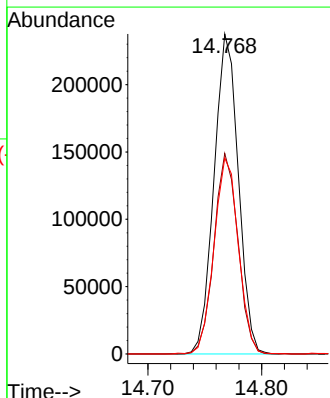
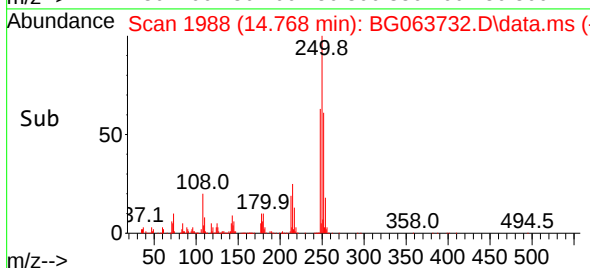
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

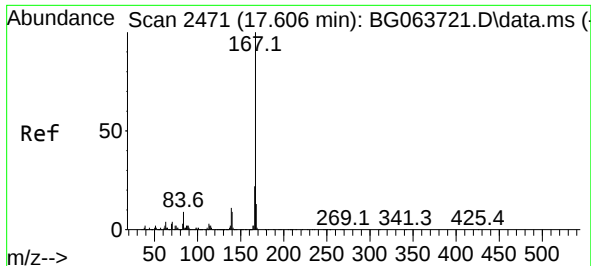


#76  
Pentachlorobenzene  
Concen: 27.813 ng/ul  
RT: 14.768 min Scan# 1988  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



Tgt Ion:250 Resp: 352313  
Ion Ratio Lower Upper  
250 100  
248 62.7 49.8 74.8  
252 61.2 50.4 75.6





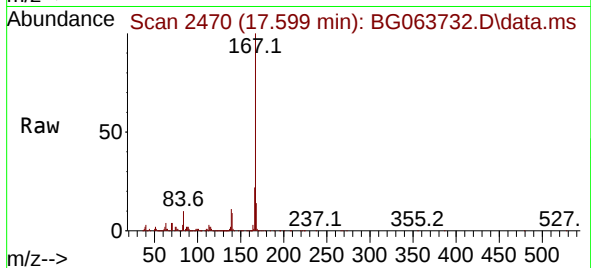
#77  
Carbazole  
Concen: 36.455 ng/ul  
RT: 17.599 min Scan# 2470  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Instrument :

BNA\_G

ClientSampleId :

SLCS662



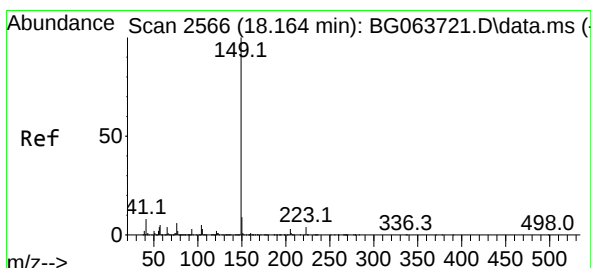
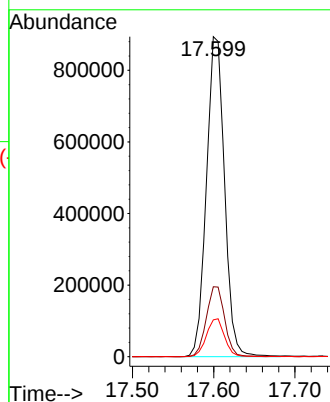
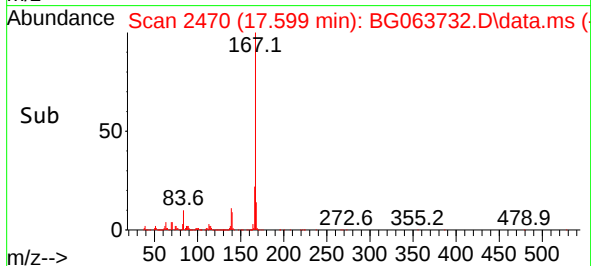
Tgt Ion:167 Resp: 1379338  
Ion Ratio Lower Upper  
167 100  
166 21.8 18.2 27.4  
139 11.5 10.1 15.1

Manual Integrations

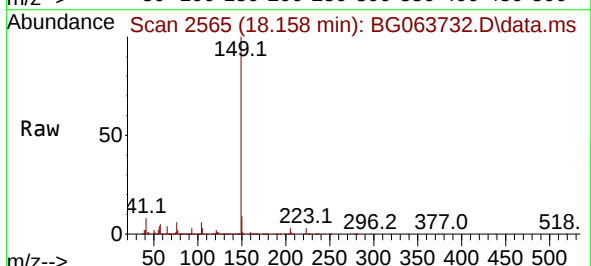
APPROVED

Reviewed By :Yogesh Patel 12/21/2024

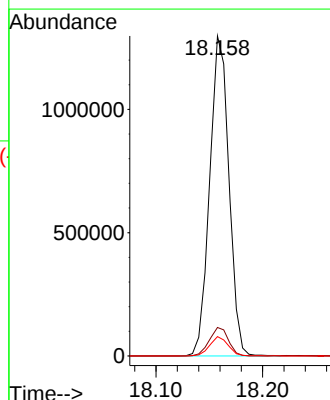
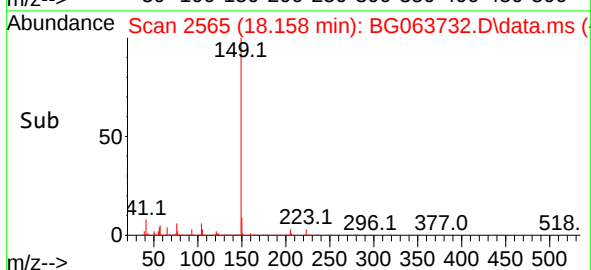
Supervised By :mohammad ahmed 12/21/2024

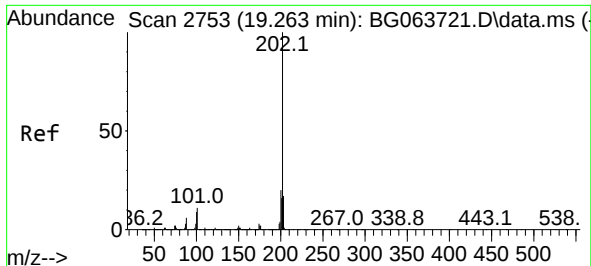


#78  
Di-n-butylphthalate  
Concen: 35.601 ng/ul  
RT: 18.158 min Scan# 2565  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



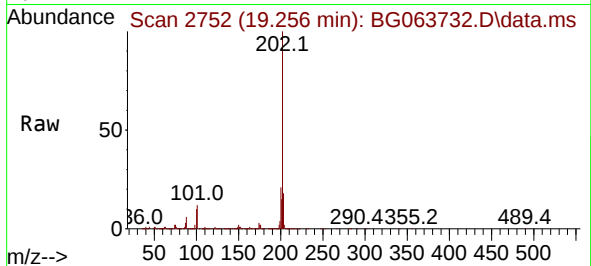
Tgt Ion:149 Resp: 1626809  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.2 10.8  
104 6.0 5.4 8.0





#80  
Fluoranthene  
Concen: 30.197 ng/u1  
RT: 19.256 min Scan# 21  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

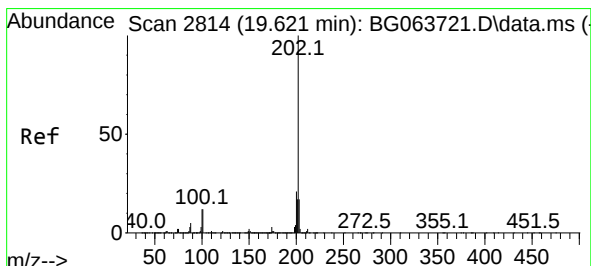
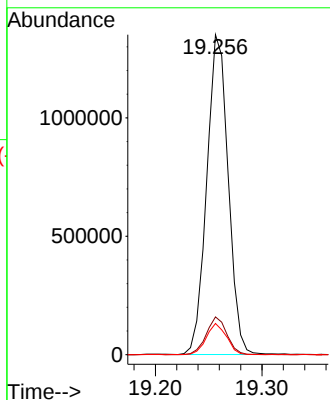
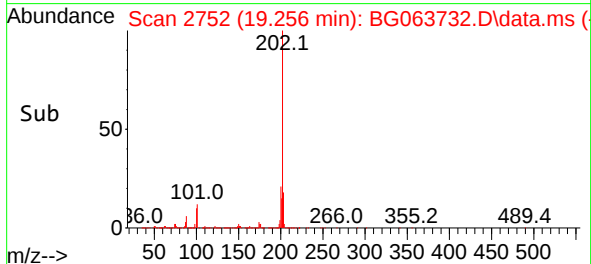
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



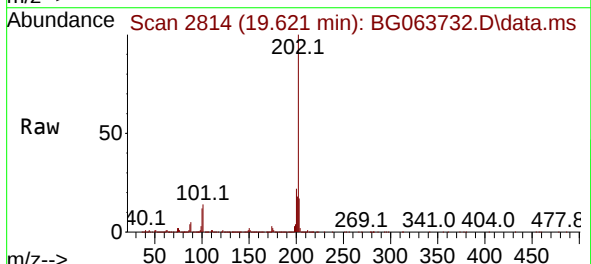
Tgt Ion:202 Resp: 189328  
Ion Ratio Lower Upper  
202 100  
101 11.8 8.1 12.1  
100 9.7 6.5 9.7

Manual Integrations  
APPROVED

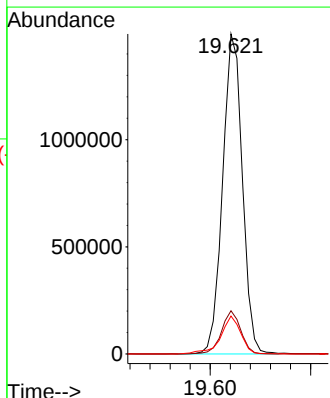
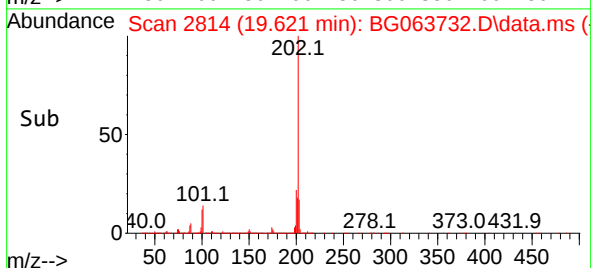
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

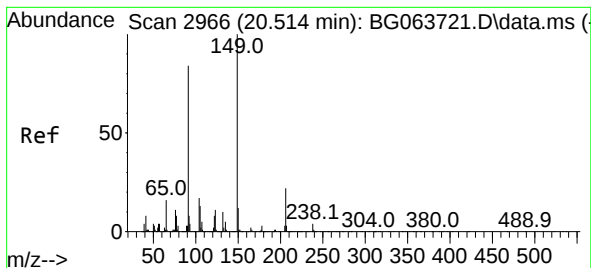


#82  
Pyrene  
Concen: 30.482 ng/u1  
RT: 19.621 min Scan# 2814  
Delta R.T. -0.013 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



Tgt Ion:202 Resp: 2033340  
Ion Ratio Lower Upper  
202 100  
101 13.5 8.7 13.1#  
100 11.8 7.8 11.6#





#83

Butylbenzylphthalate

Concen: 36.668 ng/ul

RT: 20.514 min Scan# 2966

Delta R.T. -0.013 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Instrument :

BNA\_G

ClientSampleId :

SLCS662

Tgt Ion:149 Resp: 750849

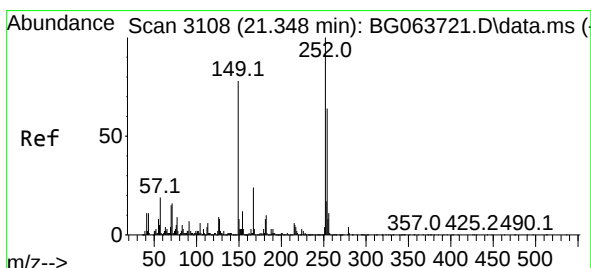
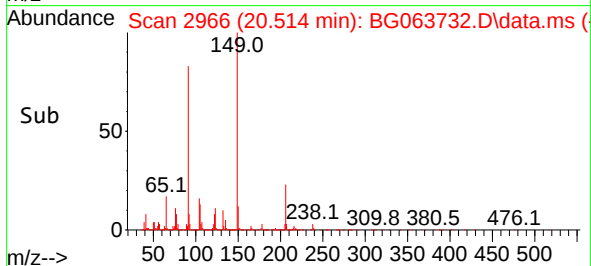
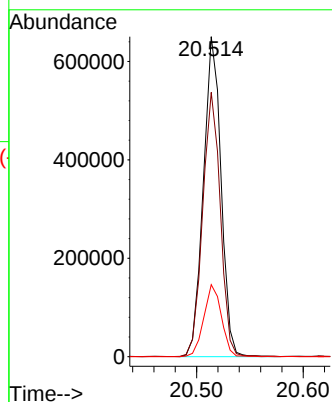
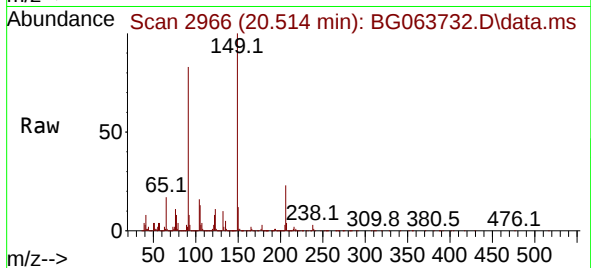
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 82.6  | 68.7  | 103.1 |
| 206 | 22.5  | 17.3  | 25.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#84

3,3'-Dichlorobenzidine

Concen: 32.033 ng/ul

RT: 21.348 min Scan# 3108

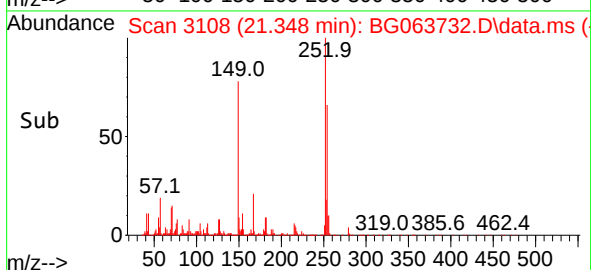
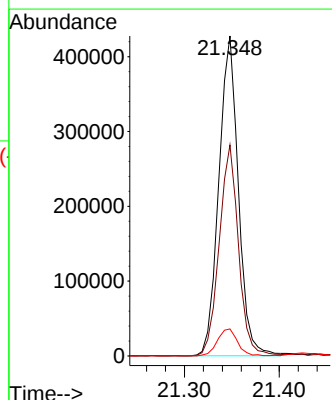
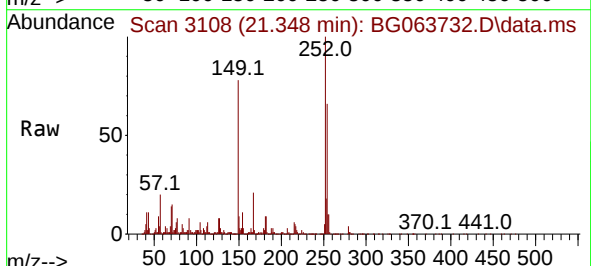
Delta R.T. -0.013 min

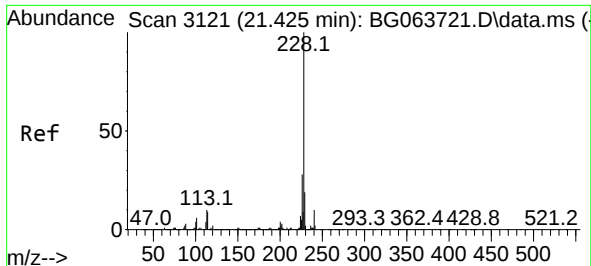
Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Tgt Ion:252 Resp: 612988

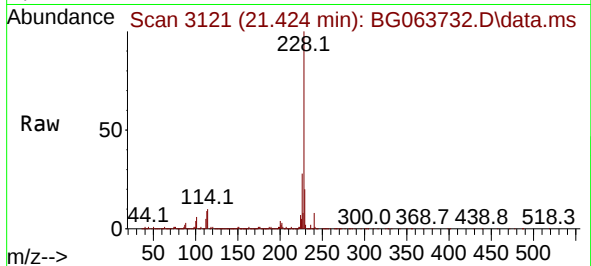
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.9  | 55.8  | 83.6  |
| 126 | 8.4   | 6.4   | 9.6   |





#85  
Benzo(a)anthracene  
Concen: 29.320 ng/ul  
RT: 21.424 min Scan# 3121  
Delta R.T. -0.019 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

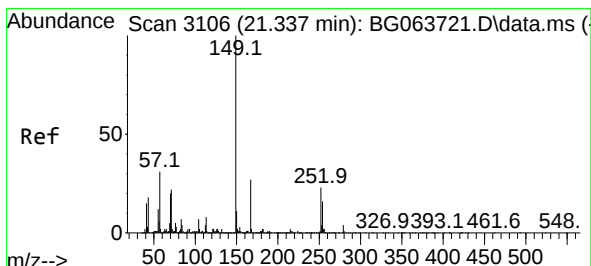
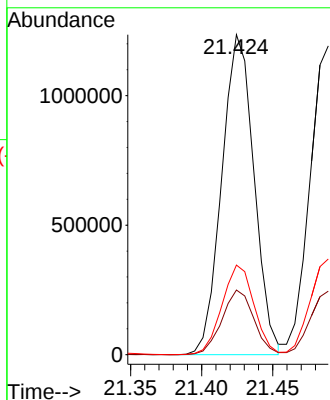
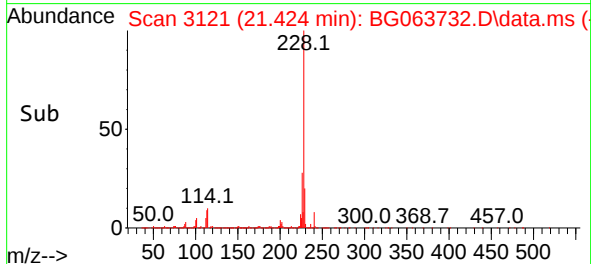
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS662



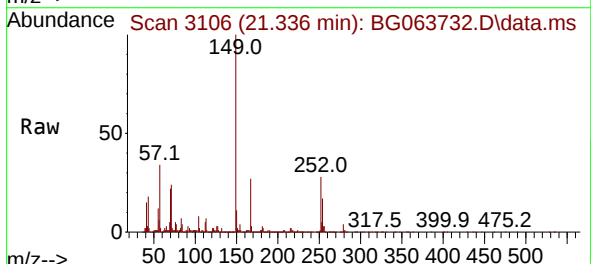
Tgt Ion:228 Resp: 1947915  
Ion Ratio Lower Upper  
228 100  
229 20.2 15.7 23.5  
226 28.0 22.0 33.0

Manual Integrations  
APPROVED

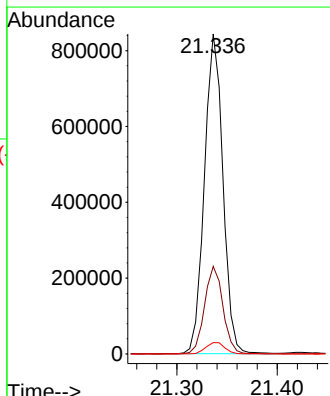
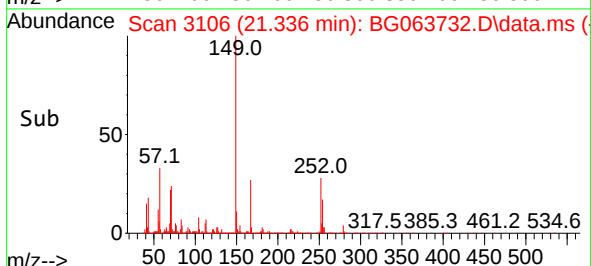
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

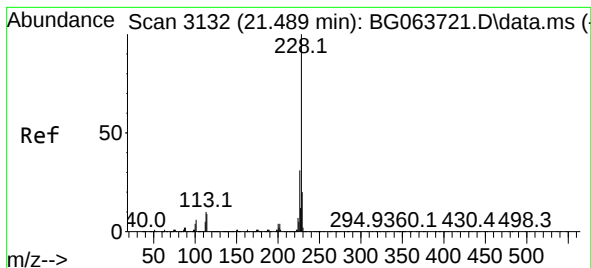


#86  
Bis(2-ethylhexyl)phthalate  
Concen: 36.346 ng/ul  
RT: 21.336 min Scan# 3106  
Delta R.T. -0.018 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45



Tgt Ion:149 Resp: 1082638  
Ion Ratio Lower Upper  
149 100  
167 27.3 22.1 33.1  
279 3.5 2.9 4.3





#87

Chrysene

Concen: 29.488 ng/ul

RT: 21.489 min Scan# 3132

Delta R.T. -0.013 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Instrument :

BNA\_G

ClientSampleId :

SLCS662

Tgt Ion:228 Resp: 186717

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

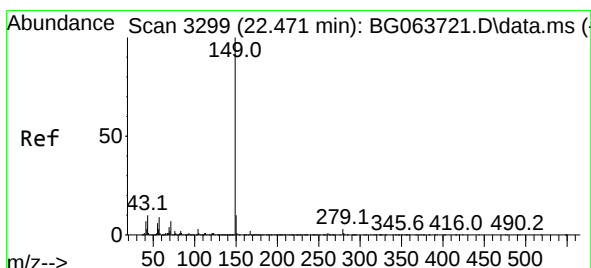
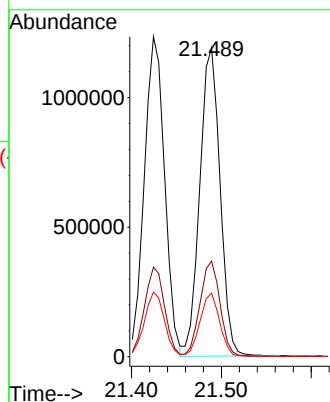
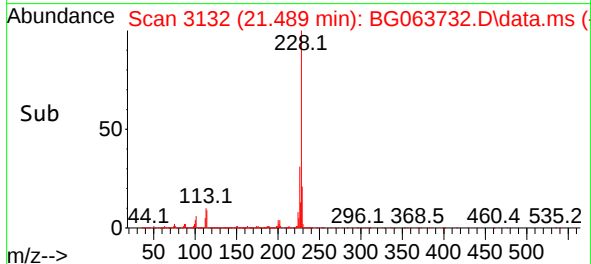
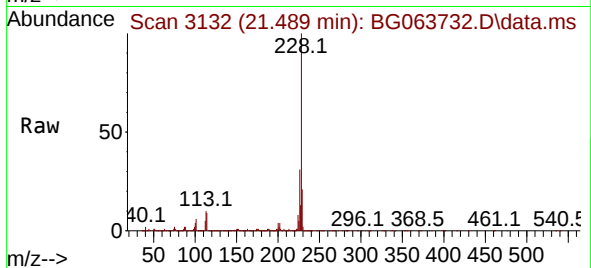
229 20.6 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#89

Di-n-octyl phthalate

Concen: 38.843 ng/ul

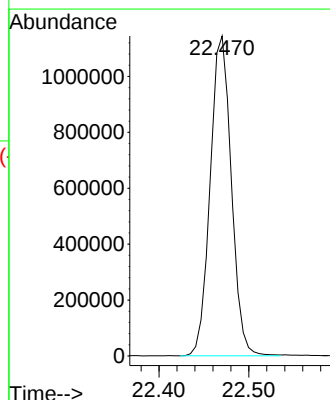
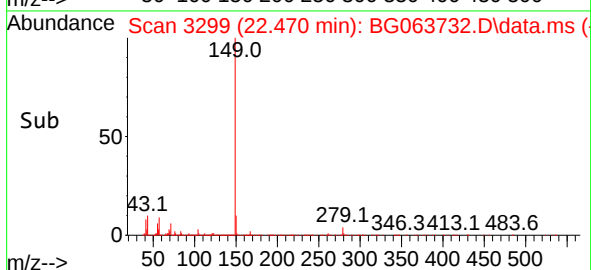
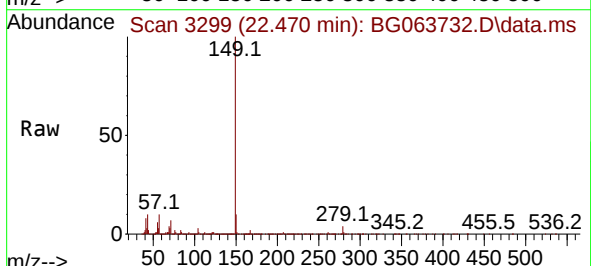
RT: 22.470 min Scan# 3299

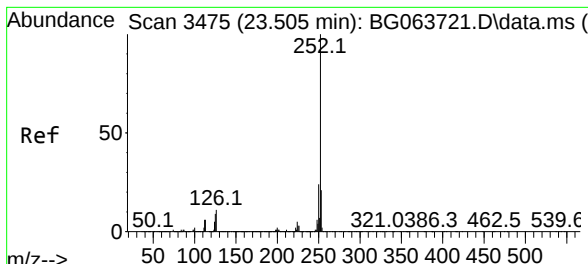
Delta R.T. -0.018 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Tgt Ion:149 Resp: 1871430





#90  
Benzo(b)fluoranthene  
Concen: 31.513 ng/ul  
RT: 23.504 min Scan# 3475  
Delta R.T. -0.018 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

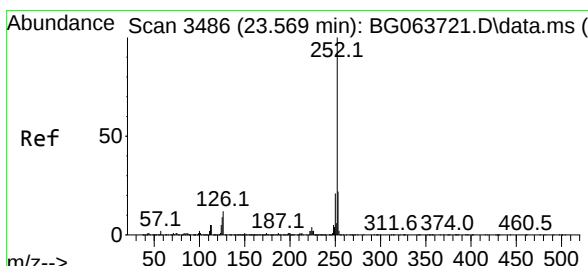
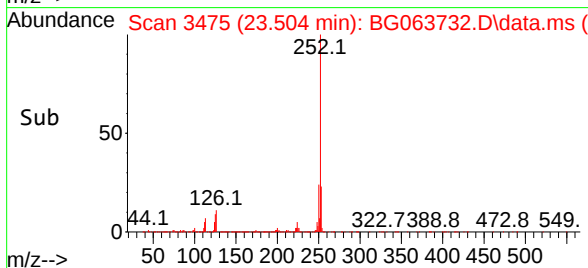
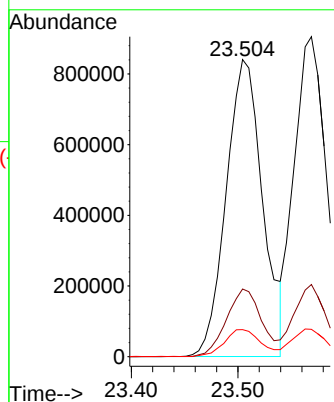
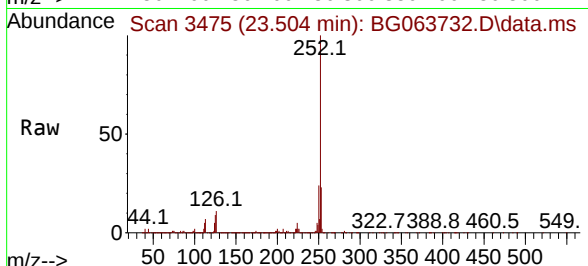
Instrument : BNA\_G  
ClientSampleId : SLCS662

Tgt Ion:252 Resp: 199926

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 17.7  | 26.5  |
| 125 | 9.1   | 7.0   | 10.4  |

Manual Integrations  
APPROVED

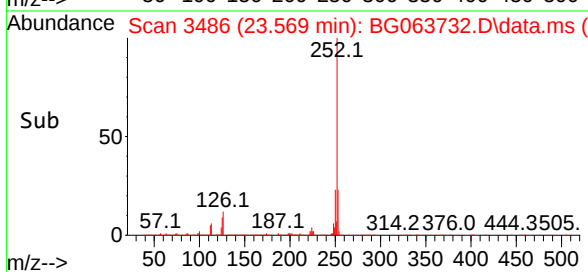
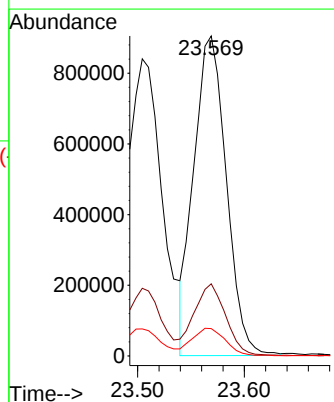
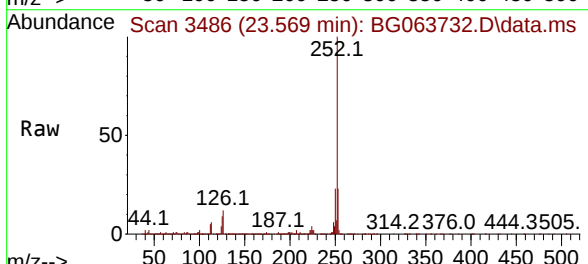
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

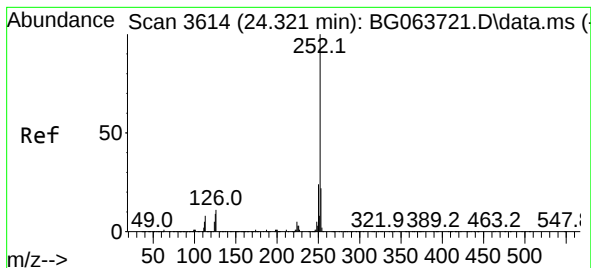


#91  
Benzo(k)fluoranthene  
Concen: 30.243 ng/ul  
RT: 23.569 min Scan# 3486  
Delta R.T. -0.018 min  
Lab File: BG063732.D  
Acq: 18 Dec 2024 18:45

Tgt Ion:252 Resp: 1913867

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.7  | 26.5  |
| 125 | 8.6   | 6.5   | 9.7   |





#93

Benzo(a)pyrene

Concen: 30.715 ng/ul

RT: 24.321 min Scan# 30

Delta R.T. -0.018 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Instrument :

BNA\_G

ClientSampleId :

SLCS662

Tgt Ion:252 Resp: 182906

Ion Ratio Lower Upper

252 100

253 21.3 16.6 24.8

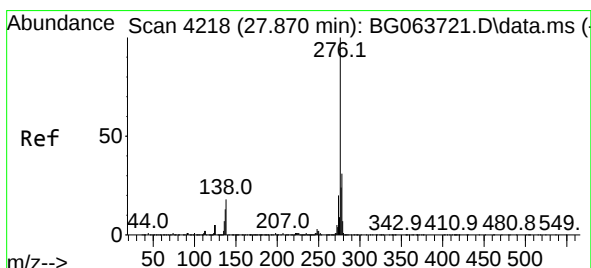
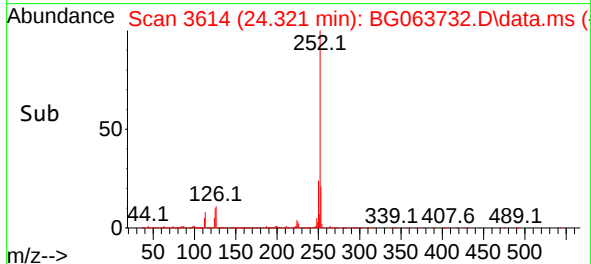
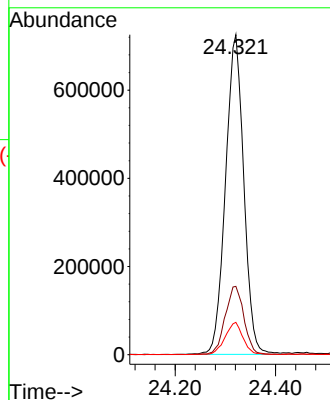
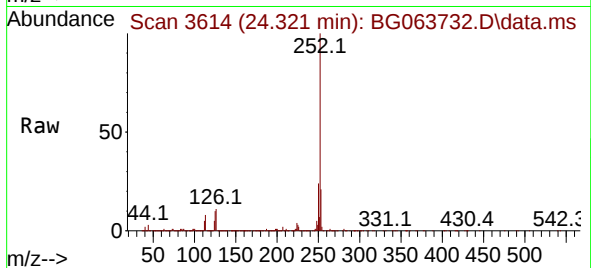
125 10.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.206 ng/ul

RT: 27.864 min Scan# 4217

Delta R.T. -0.024 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

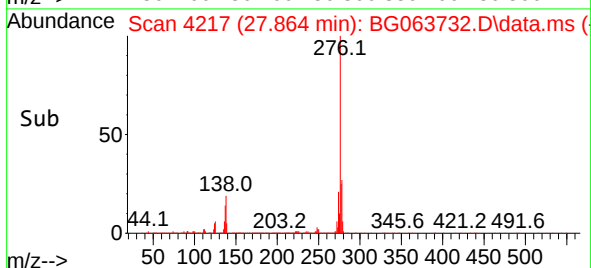
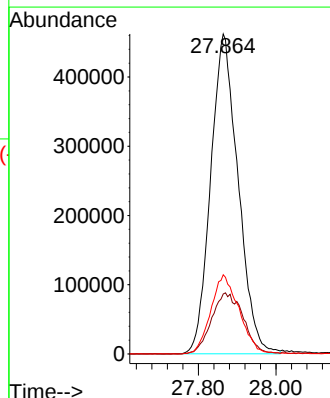
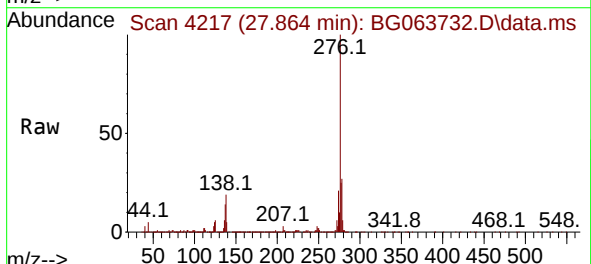
Tgt Ion:276 Resp: 2269410

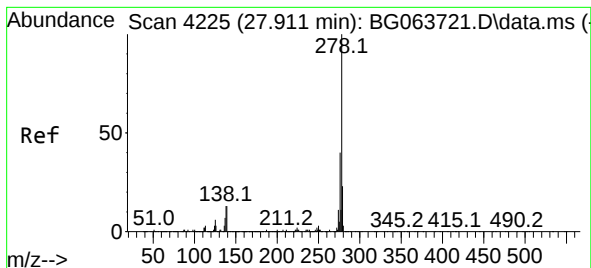
Ion Ratio Lower Upper

276 100

138 18.8 13.7 20.5

277 24.7 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 31.871 ng/ul

RT: 27.905 min Scan# 41

Delta R.T. -0.030 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Instrument :

BNA\_G

ClientSampleId :

SLCS662

Tgt Ion:278 Resp: 185453

Ion Ratio Lower Upper

278 100

139 13.3 9.7 14.5

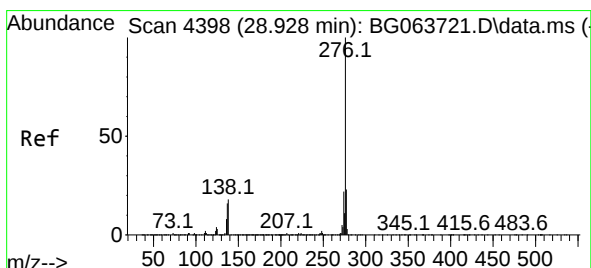
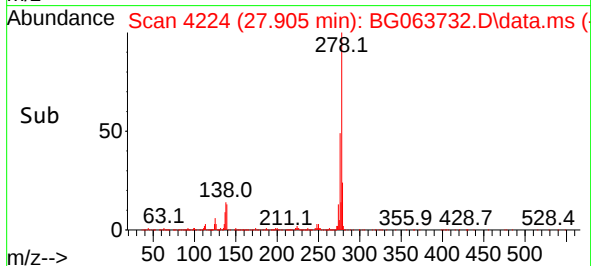
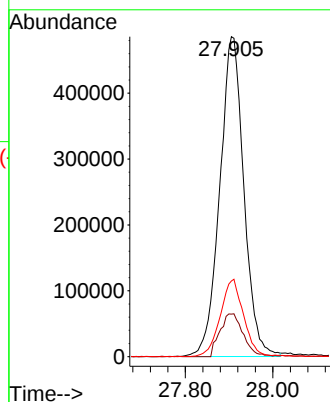
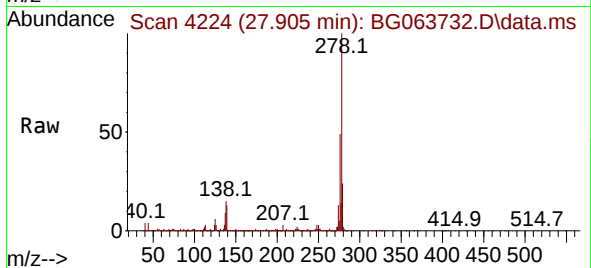
279 23.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#96

Benzo(g,h,i)perylene

Concen: 31.053 ng/ul

RT: 28.933 min Scan# 4399

Delta R.T. -0.007 min

Lab File: BG063732.D

Acq: 18 Dec 2024 18:45

Tgt Ion:276 Resp: 1791992

Ion Ratio Lower Upper

276 100

138 17.1 13.8 20.8

277 22.9 17.8 26.8

