

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121324\  
 Data File : BG063673.D  
 Acq On : 13 Dec 2024 11:37  
 Operator : RC/JU  
 Sample : P5153-18MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E28Q4MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024  
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 14 01:22:29 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     | 7.809  | 152  | 244187   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.600 | 136  | 934921   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.449 | 164  | 593865   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1203473  | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.464 | 240  | 1067964  | 20.000 | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 24.525 | 264  | 854714   | 20.000 | ng/u1  | 0.04     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.291  | 96   | 27341    | 4.388  | ng/uL  | 0.02     |
| 4) Pyridine-d5                | 3.702  | 84   | 377634   | 19.211 | ng/u1  | 0.02     |
| 7) Phenol-d5                  | 6.998  | 99   | 516528   | 22.968 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 368685   | 23.736 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.351  | 132  | 372108   | 25.557 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.532  | 113  | 306717   | 17.566 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.967  | 128  | 176936   | 26.506 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.684  | 143  | 174878   | 23.371 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.236 | 165  | 374182   | 25.828 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.741 | 131  | 51204    | 2.784  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.855 | 166  | 1082412  | 26.786 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.137 | 160  | 882020   | 19.147 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.684 | 143  | 87508    | 15.284 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.447 | 176  | 918754   | 25.715 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.577 | 200  | 7023m    | 1.124  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.298 | 188  | 1225424m | 23.684 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.607 | 212  | 1418653  | 25.527 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.314 | 264  | 902389   | 22.482 | ng/u1  | 0.04     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.320  | 88   | 93092m   | 12.624 | ng/uL  |          |
| 5) Pyridine                   | 3.720  | 79   | 563263   | 26.753 | ng/u1  | 97       |
| 6) Benzaldehyde               | 6.952  | 77   | 141998   | 10.293 | ng/u1  | 92       |
| 8) Phenol                     | 7.028  | 94   | 823594   | 34.362 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.239  | 93   | 595181   | 32.456 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.386  | 128  | 529475   | 35.926 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.268  | 108  | 544614   | 31.438 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.326  | 45   | 882586   | 32.419 | ng/u1  | 97       |
| 16) Acetophenone              | 8.632  | 105  | 935470   | 31.587 | ng/u1  | 93       |
| 17) N-Nitroso-di-n-propyla... | 8.614  | 70   | 522376   | 29.561 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.597  | 108  | 616869   | 32.536 | ng/u1  | 96       |
| 19) Hexachloroethane          | 8.885  | 117  | 218807   | 30.215 | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.008  | 77   | 726616   | 32.596 | ng/u1  | 94       |
| 23) Isophorone                | 9.531  | 82   | 1353442  | 32.134 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.719  | 139  | 238315   | 30.990 | ng/u1  | 90       |
| 26) 2,4-Dimethylphenol        | 9.789  | 107  | 514140   | 29.463 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.013 | 93   | 783108   | 34.376 | ng/u1# | 95       |
| 29) 2,4-Dichlorophenol        | 10.259 | 162  | 521047   | 36.196 | ng/u1  | 98       |
| 30) Naphthalene               | 10.647 | 128  | 1728144  | 36.971 | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.771 | 127  | 118844m  | 6.790  | ng/u1  |          |
| 33) Hexachlorobutadiene       | 10.935 | 225  | 398698   | 34.092 | ng/u1  | 99       |
| 34) Caprolactam               | 11.540 | 113  | 139811   | 28.097 | ng/u1  | 89       |
| 35) 4-Chloro-3-methylphenol   | 11.905 | 107  | 598060m  | 35.388 | ng/u1  |          |
| 36) 2-Methylnaphthalene       | 12.263 | 142  | 1242212  | 36.977 | ng/u1  | 99       |

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 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

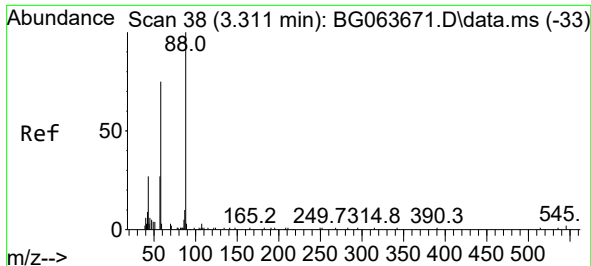
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024  
 Supervised By :mohammad ahmed 12/14/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.486 | 142  | 1150737  | 33.628 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.633 | 216  | 677766   | 35.651 | ng/ul# | 98       |
| 40) Hexachlorocyclopentadiene | 12.615 | 237  | 134905   | 17.950 | ng/ul  | 93       |
| 41) 2,4,6-Trichlorophenol     | 12.886 | 196  | 440417   | 40.988 | ng/ul  | 94       |
| 42) 2,4,5-Trichlorophenol     | 12.968 | 196  | 447348   | 39.893 | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.279 | 154  | 1515685  | 38.701 | ng/ul  | 96       |
| 44) 2-Chloronaphthalene       | 13.320 | 162  | 1211711  | 38.528 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.532 | 65   | 346172   | 32.861 | ng/ul  | 92       |
| 47) Dimethylphthalate         | 13.902 | 163  | 1422037  | 35.113 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.026 | 165  | 196534   | 26.130 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.167 | 152  | 1297742  | 26.274 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.360 | 138  | 54674    | 7.862  | ng/ul# | 85       |
| 52) Acenaphthene              | 14.513 | 153  | 1250500  | 35.719 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.584 | 184  | 4408     | 1.147  | ng/ul# | 62       |
| 55) 4-Nitrophenol             | 14.695 | 109  | 178844   | 30.082 | ng/ul  | 90       |
| 56) Dibenzofuran              | 14.848 | 168  | 1800880  | 36.487 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.825 | 165  | 189314   | 16.939 | ng/ul# | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.089 | 232  | 366184   | 37.883 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.271 | 149  | 1372271  | 35.050 | ng/ul  | 98       |
| 61) Fluorene                  | 15.500 | 166  | 1355485  | 34.393 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.494 | 204  | 740173   | 33.711 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.524 | 138  | 94624m   | 13.592 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.594 | 198  | 16108    | 2.502  | ng/ul# | 1        |
| 67) N-Nitrosodiphenylamine    | 15.712 | 169  | 1163639  | 39.929 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.387 | 248  | 478547   | 39.017 | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 16.511 | 284  | 522686   | 38.037 | ng/ul  | 95       |
| 70) Atrazine                  | 16.670 | 200  | 454729   | 36.913 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.863 | 266  | 252478   | 43.577 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.245 | 178  | 2389898  | 41.209 | ng/ul  | 97       |
| 74) Anthracene                | 17.339 | 178  | 1972093  | 33.597 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.244 | 216  | 702965   | 43.780 | ng/ul  | 98       |
| 76) Pentachlorobenzene        | 14.778 | 250  | 639091   | 40.176 | ng/ul  | 99       |
| 77) Carbazole                 | 17.610 | 167  | 1903029  | 40.051 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.168 | 149  | 2199079  | 38.323 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.272 | 202  | 2554565  | 40.443 | ng/ul  | 99       |
| 82) Pyrene                    | 19.637 | 202  | 2636371  | 39.230 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.530 | 149  | 908335   | 44.031 | ng/ul  | 85       |
| 85) Benzo(a)anthracene        | 21.446 | 228  | 2430011  | 36.307 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.358 | 149  | 1310058  | 43.655 | ng/ul  | 97       |
| 87) Chrysene                  | 21.511 | 228  | 2495077m | 39.113 | ng/ul  |          |
| 89) Di-n-octyl phthalate      | 22.504 | 149  | 2209603  | 59.895 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.556 | 252  | 2164597  | 44.559 | ng/ul# | 92       |
| 91) Benzo(k)fluoranthene      | 23.620 | 252  | 2485530  | 51.294 | ng/ul# | 92       |
| 93) Benzo(a)pyrene            | 24.384 | 252  | 1855863m | 40.702 | ng/ul  |          |
| 94) Indeno(1,2,3-cd)pyrene    | 27.968 | 276  | 2141828m | 38.463 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.009 | 278  | 1736306m | 38.969 | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.032 | 276  | 1565575m | 35.431 | ng/ul  |          |

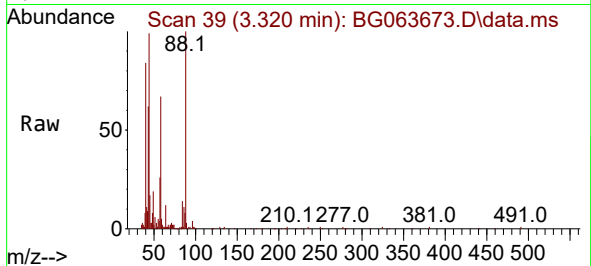
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 12.624 ng/uL m  
RT: 3.320 min Scan# 39  
Delta R.T. 0.009 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

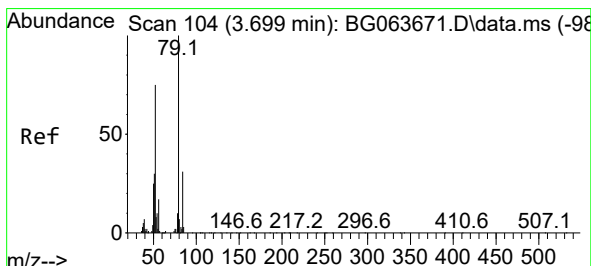
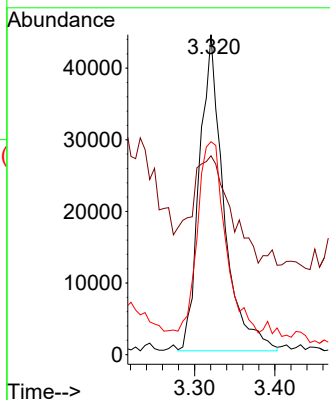
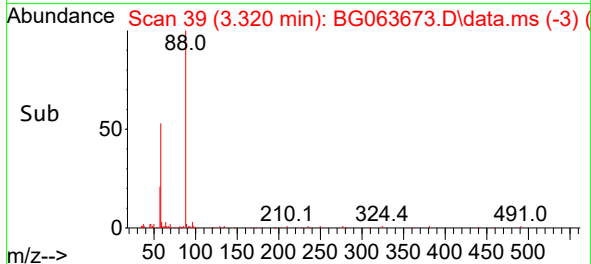
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



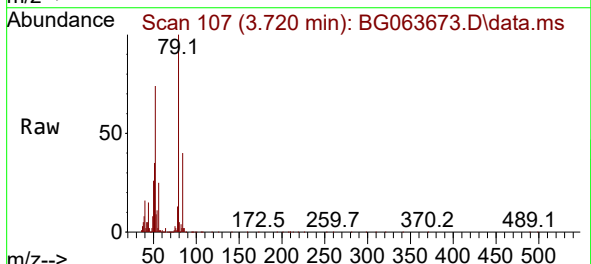
Tgt Ion: 88 Resp: 93092  
Ion Ratio Lower Upper  
88 100  
43 62.1 20.9 31.3  
58 66.5 57.7 86.5

Manual Integrations  
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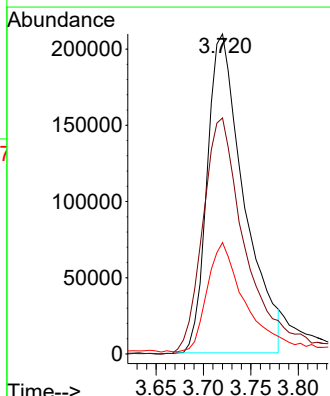
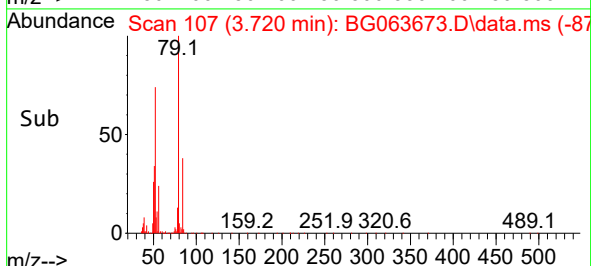
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

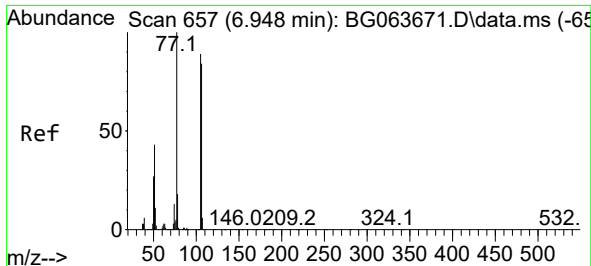


#5  
Pyridine  
Concen: 26.753 ng/uL  
RT: 3.720 min Scan# 107  
Delta R.T. 0.015 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



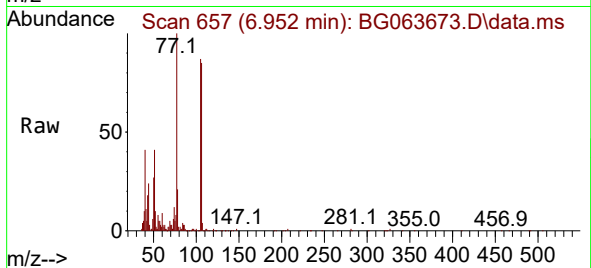
Tgt Ion: 79 Resp: 563263  
Ion Ratio Lower Upper  
79 100  
52 73.8 60.9 91.3  
51 34.8 29.5 44.3





#6  
Benzaldehyde  
Concen: 10.293 ng/ul  
RT: 6.952 min Scan# 61  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

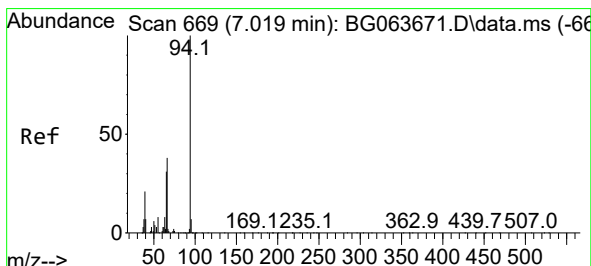
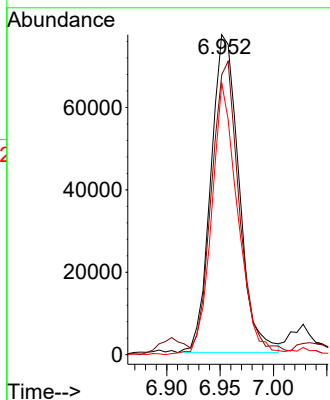
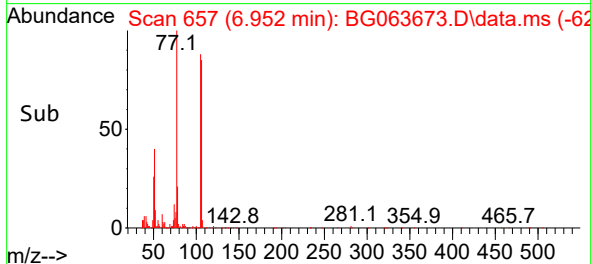
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion: 77 Resp: 141998  
Ion Ratio Lower Upper  
77 100  
105 87.4 65.2 97.8  
106 84.9 61.0 91.4

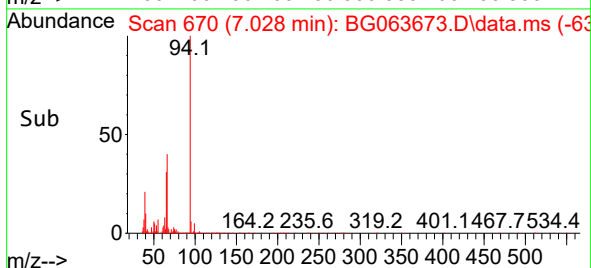
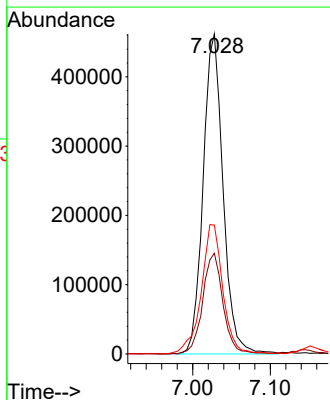
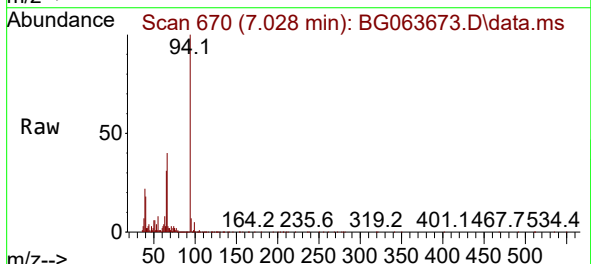
Manual Integrations  
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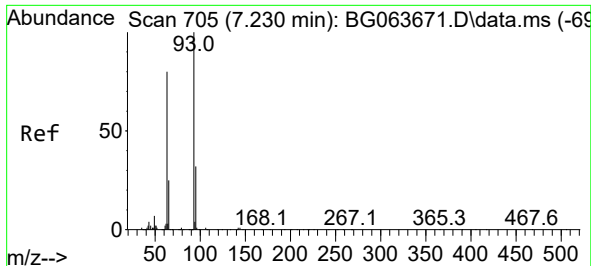
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#8  
Phenol  
Concen: 34.362 ng/ul  
RT: 7.028 min Scan# 670  
Delta R.T. 0.009 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

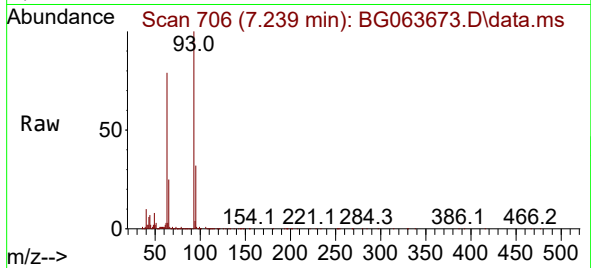
Tgt Ion: 94 Resp: 823594  
Ion Ratio Lower Upper  
94 100  
65 31.5 25.6 38.4  
66 40.3 34.2 51.2





#10  
Bis(2-Chloroethyl)ether  
Concen: 32.456 ng/ul  
RT: 7.239 min Scan# 705  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

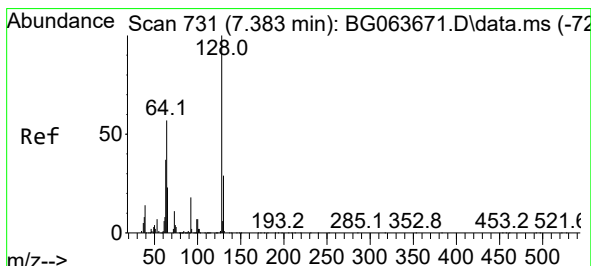
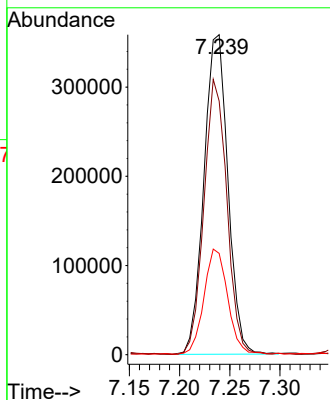
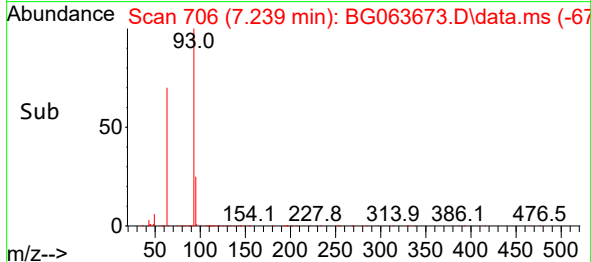
Instrument :  
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ClientSampleId :  
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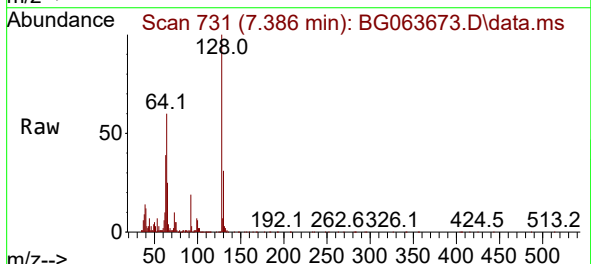
Tgt Ion: 93 Resp: 59518  
Ion Ratio Lower Upper  
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63 79.3 63.8 95.6  
95 31.6 27.6 41.4

Manual Integrations  
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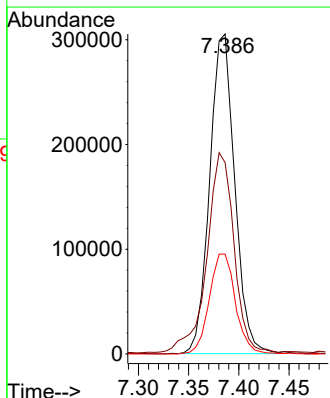
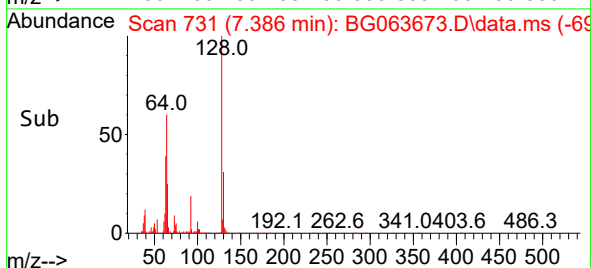
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

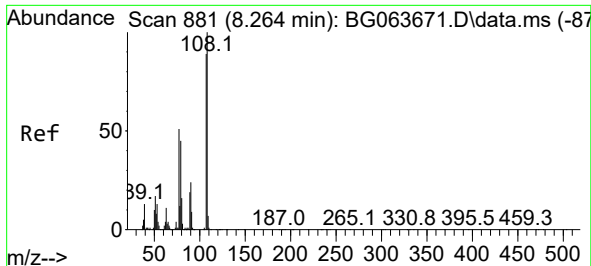


#12  
2-Chlorophenol  
Concen: 35.926 ng/ul  
RT: 7.386 min Scan# 731  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



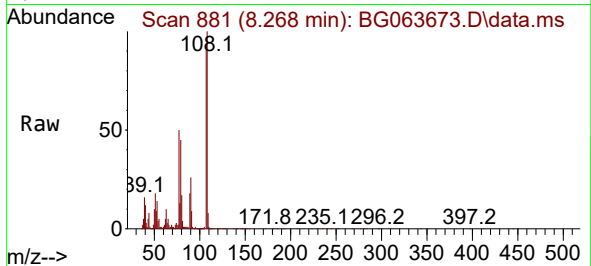
Tgt Ion:128 Resp: 529475  
Ion Ratio Lower Upper  
128 100  
64 59.8 48.9 73.3  
130 31.2 24.2 36.2





#13  
2-Methylphenol  
Concen: 31.438 ng/ul  
RT: 8.268 min Scan# 881  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

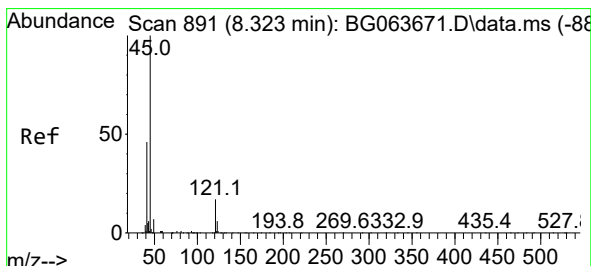
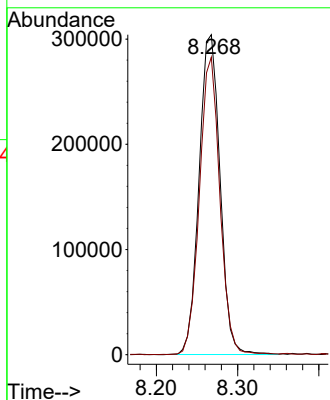
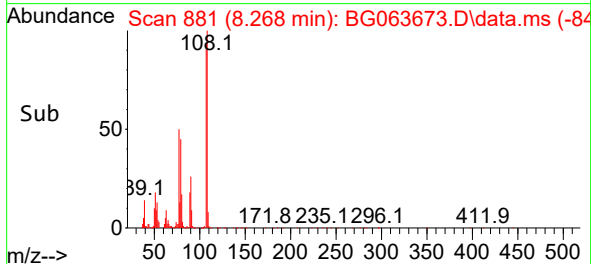
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



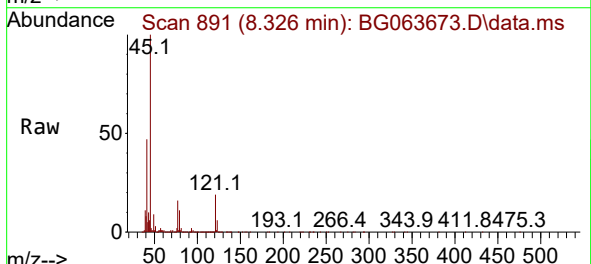
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Ion Ratio Lower Upper  
108 100  
107 93.0 72.6 108.8

Manual Integrations  
APPROVED

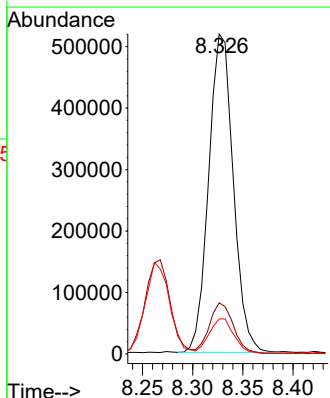
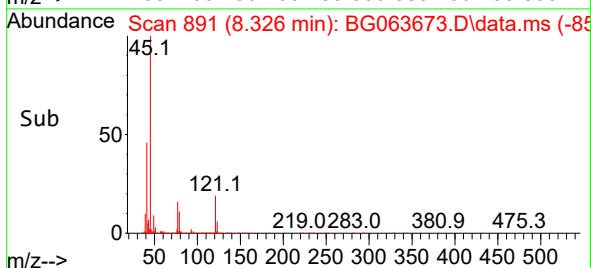
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

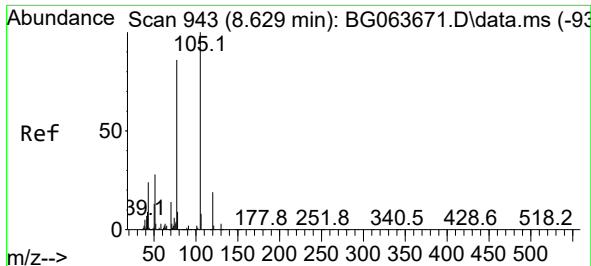


#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 32.419 ng/ul  
RT: 8.326 min Scan# 891  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



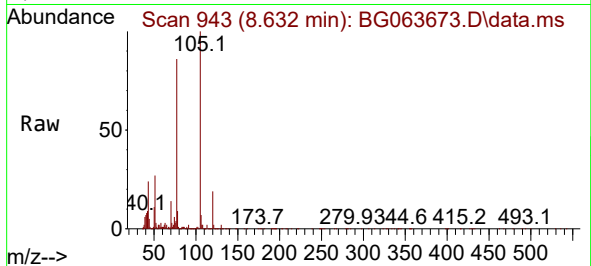
Tgt Ion: 45 Resp: 882586  
Ion Ratio Lower Upper  
45 100  
77 16.0 11.5 17.3  
79 11.0 9.2 13.8





#16  
Acetophenone  
Concen: 31.587 ng/ul  
RT: 8.632 min Scan# 943  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

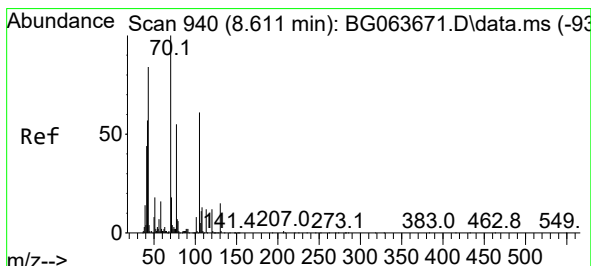
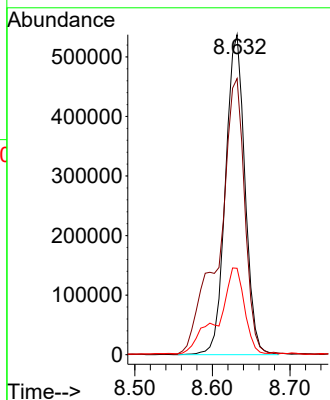
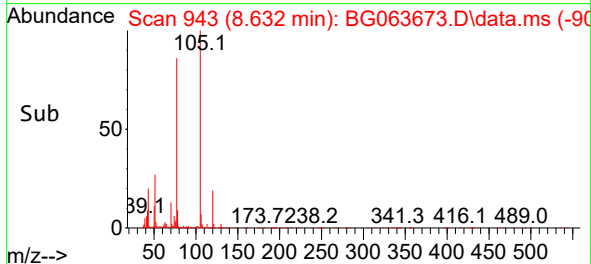
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:105 Resp: 935470  
Ion Ratio Lower Upper  
105 100  
77 86.3 73.6 110.4  
51 27.0 25.4 38.2

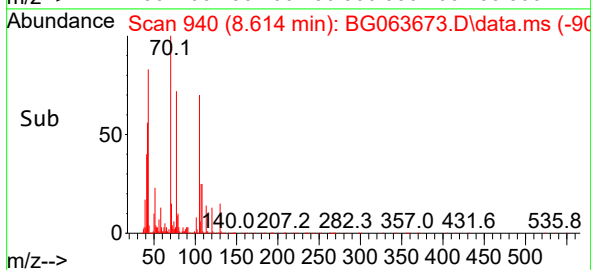
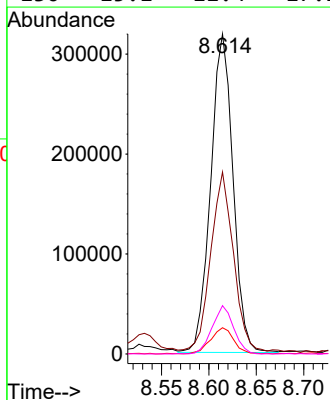
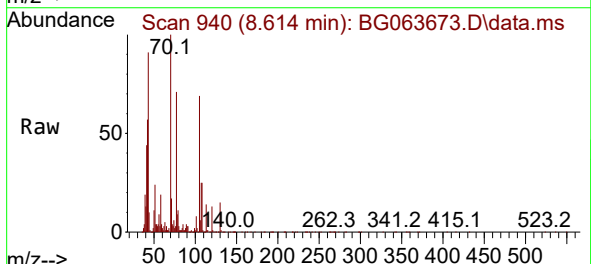
Manual Integrations  
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Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

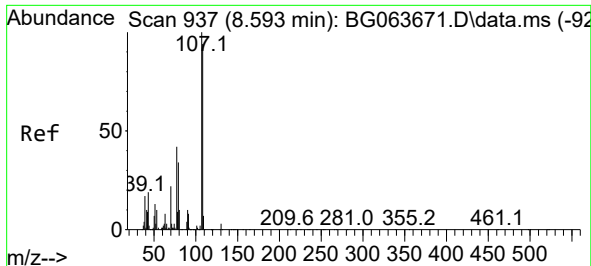


#17  
N-Nitroso-di-n-propylamine  
Concen: 29.561 ng/ul  
RT: 8.614 min Scan# 940  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Tgt Ion: 70 Resp: 522376  
Ion Ratio Lower Upper  
70 100  
42 56.8 47.4 71.0  
101 8.2 6.1 9.1  
130 15.1 11.4 17.2

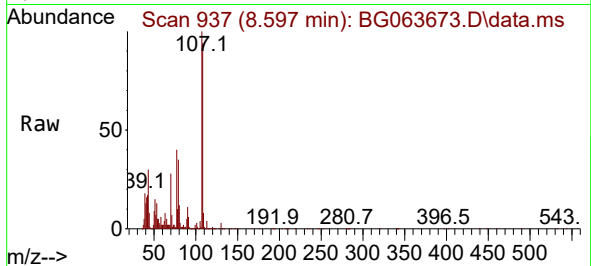






#18  
4-Methylphenol  
Concen: 32.536 ng/ul  
RT: 8.597 min Scan# 918  
Delta R.T. 0.009 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

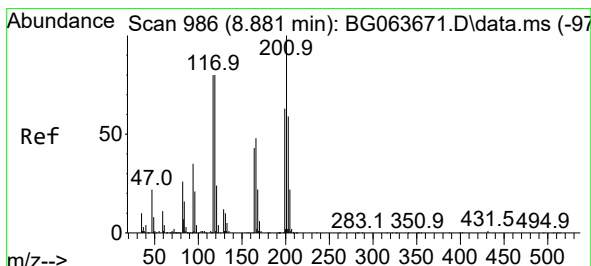
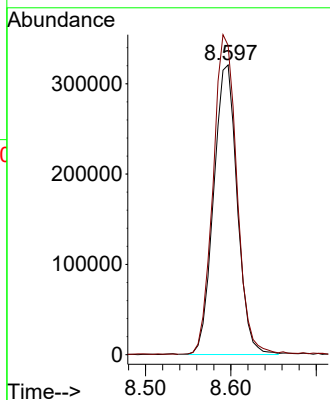
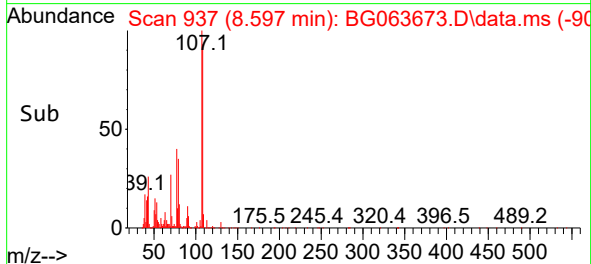
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:108 Resp: 61686  
Ion Ratio Lower Upper  
108 100  
107 106.8 89.2 133.8

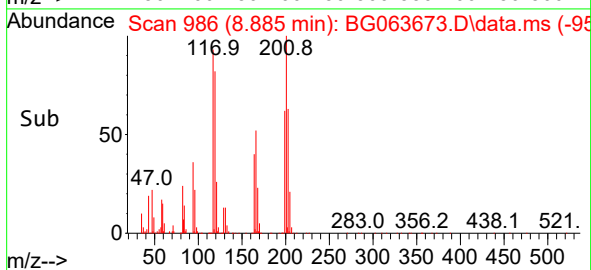
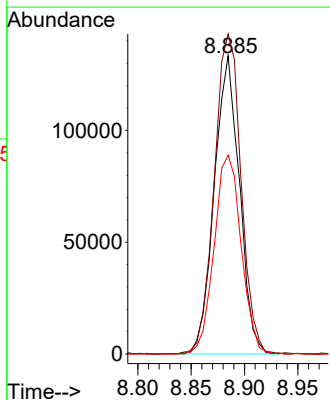
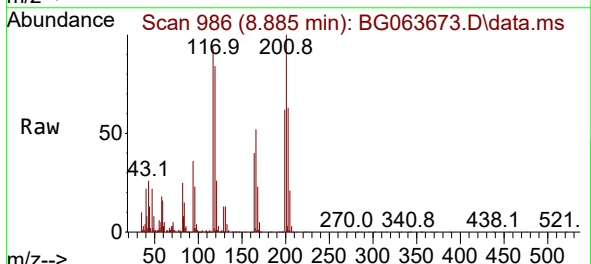
Manual Integrations  
APPROVED

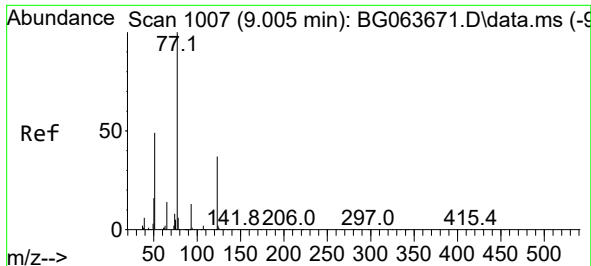
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#19  
Hexachloroethane  
Concen: 30.215 ng/ul  
RT: 8.885 min Scan# 986  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

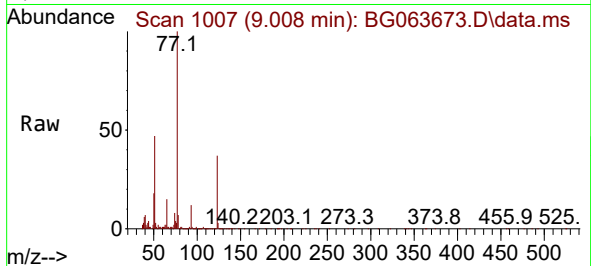
Tgt Ion:117 Resp: 218807  
Ion Ratio Lower Upper  
117 100  
201 107.3 86.8 130.2  
199 66.6 59.4 89.2





#22  
Nitrobenzene  
Concen: 32.596 ng/ul  
RT: 9.008 min Scan# 1007  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

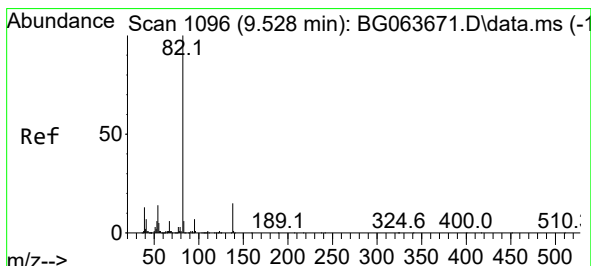
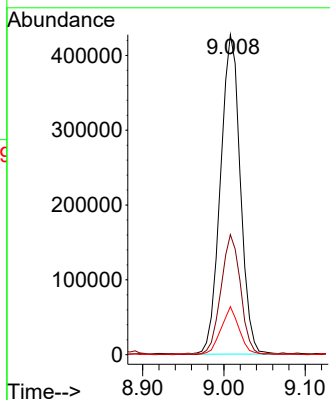
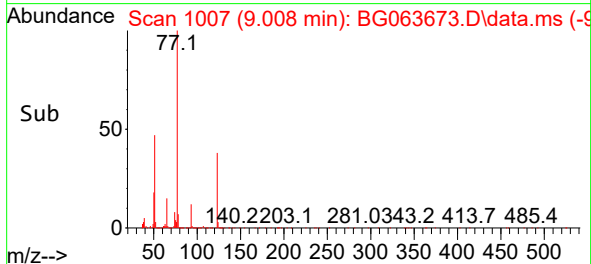
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion: 77 Resp: 726610  
Ion Ratio Lower Upper  
77 100  
123 37.5 27.0 40.4  
65 15.0 10.8 16.2

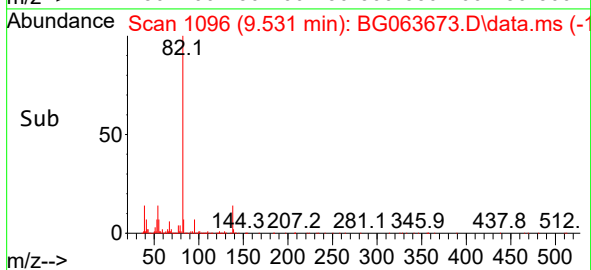
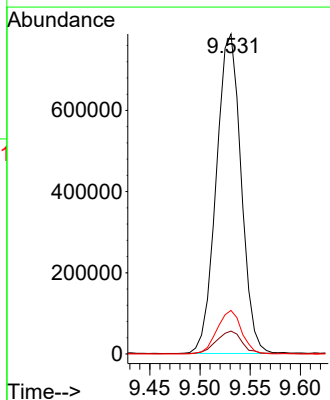
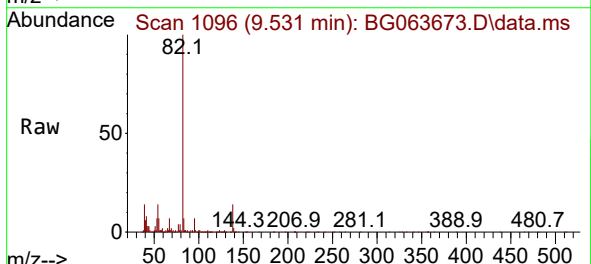
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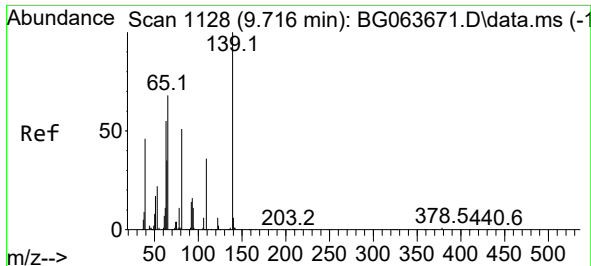
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#23  
Isophorone  
Concen: 32.134 ng/ul  
RT: 9.531 min Scan# 1096  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Tgt Ion: 82 Resp: 1353442  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.6  
138 13.6 10.3 15.5





#25  
2-Nitrophenol  
Concen: 30.990 ng/ul  
RT: 9.719 min Scan# 1128  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

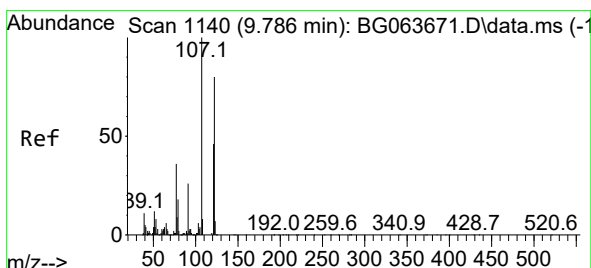
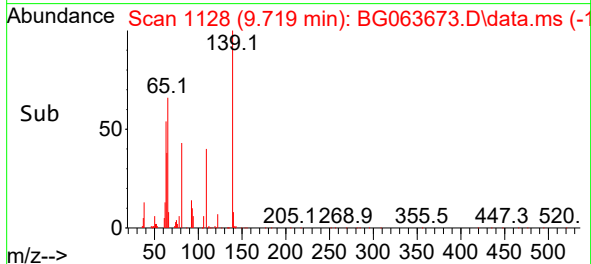
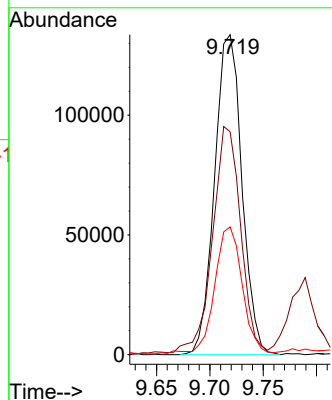
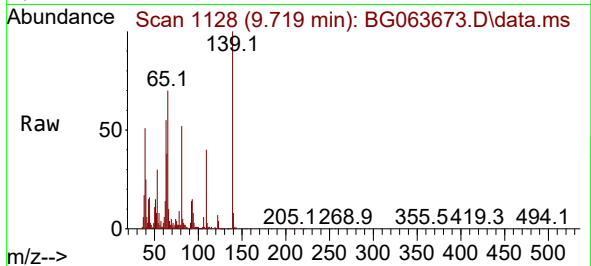
ClientSampleId :

E28Q4MS

Tgt Ion:139 Resp: 23831  
Ion Ratio Lower Upper  
139 100  
65 69.7 62.2 93.2  
109 40.0 26.9 40.3

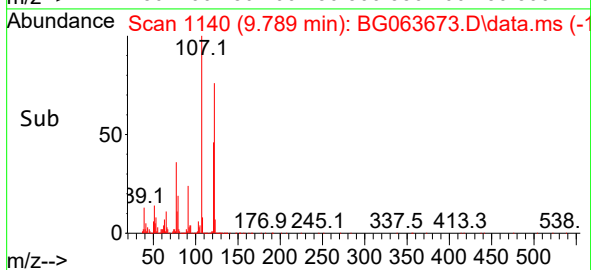
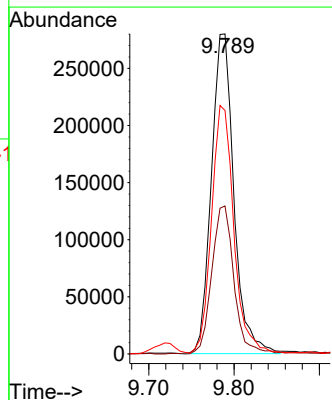
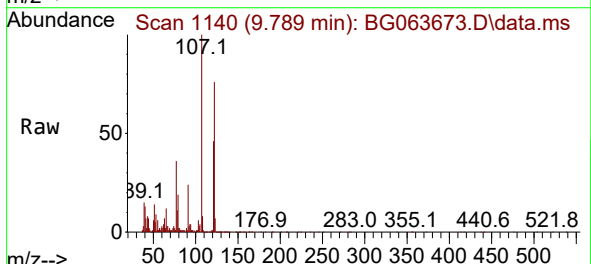
Manual Integrations  
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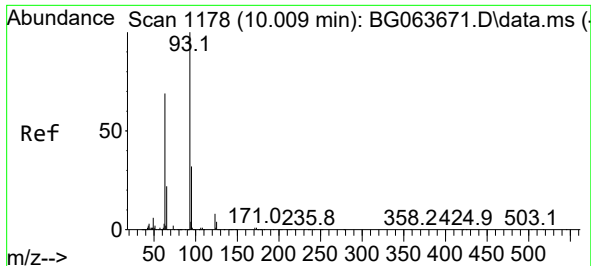
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#26  
2,4-Dimethylphenol  
Concen: 29.463 ng/ul  
RT: 9.789 min Scan# 1140  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Tgt Ion:107 Resp: 514140  
Ion Ratio Lower Upper  
107 100  
121 46.2 38.4 57.6  
122 76.1 61.8 92.8





#27

Bis(2-Chloroethoxy)methane

Concen: 34.376 ng/ul

RT: 10.013 min Scan# 1178

Delta R.T. -0.002 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

Tgt Ion: 93 Resp: 783108

Ion Ratio Lower Upper

93 100

95 32.2 23.5 35.3

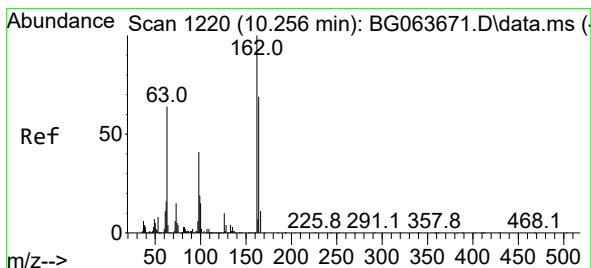
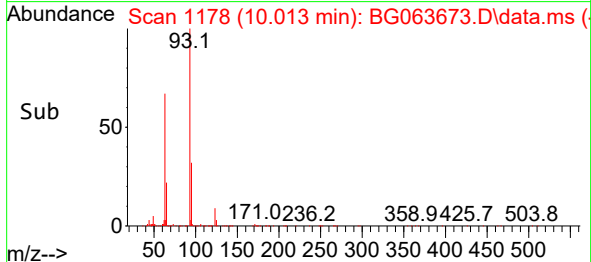
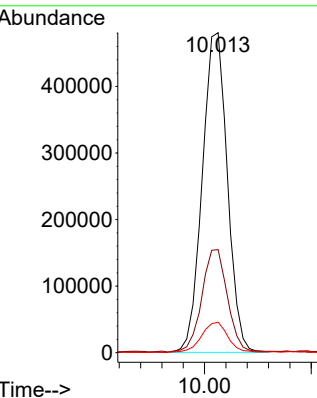
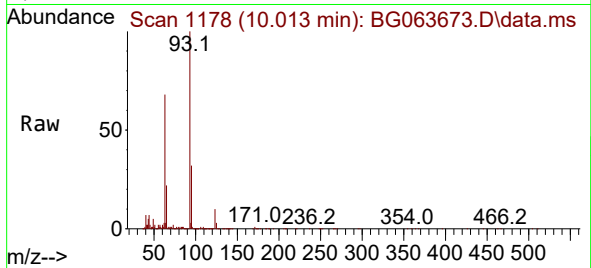
123 9.5 6.2 9.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#29

2,4-Dichlorophenol

Concen: 36.196 ng/ul

RT: 10.259 min Scan# 1220

Delta R.T. 0.003 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

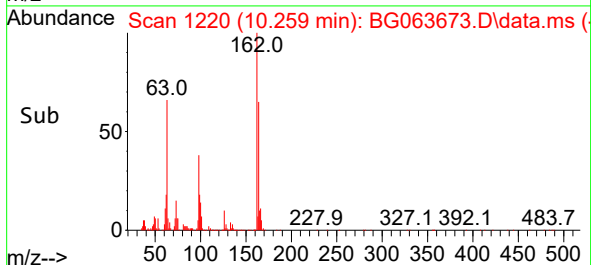
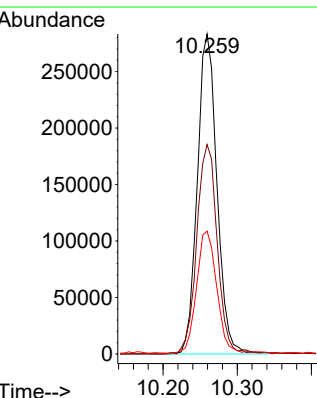
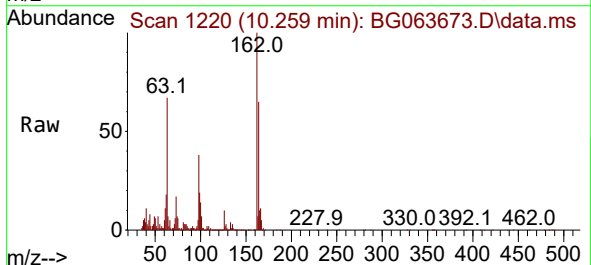
Tgt Ion:162 Resp: 521047

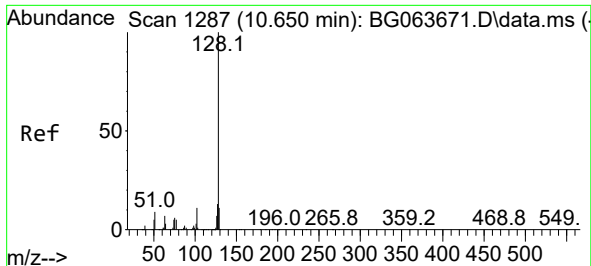
Ion Ratio Lower Upper

162 100

164 65.5 53.0 79.4

98 38.4 33.0 49.6





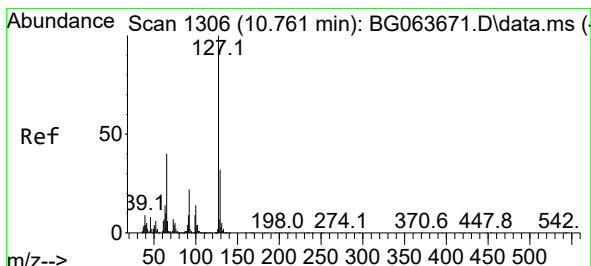
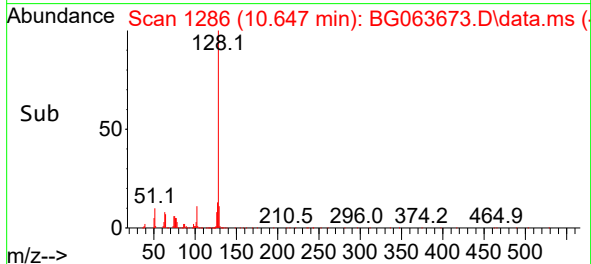
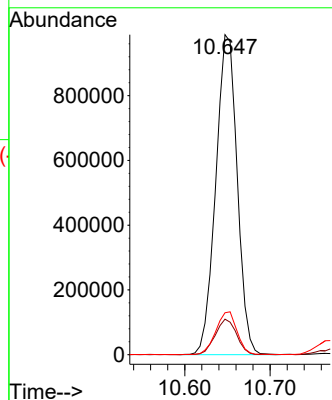
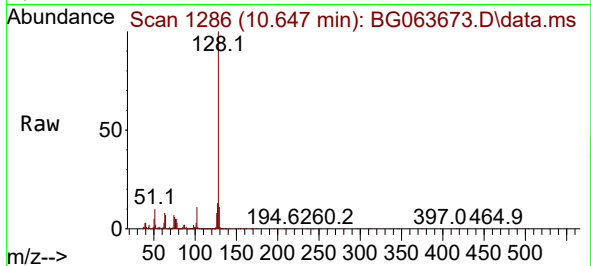
#30  
Naphthalene  
Concen: 36.971 ng/ul  
RT: 10.647 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS

Tgt Ion:128 Resp: 1728144  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.2 12.2  
127 13.1 9.8 14.8

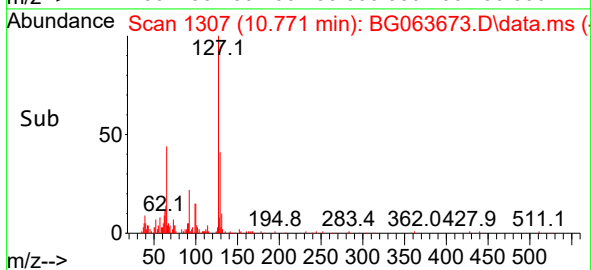
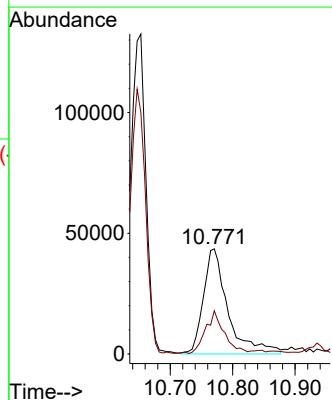
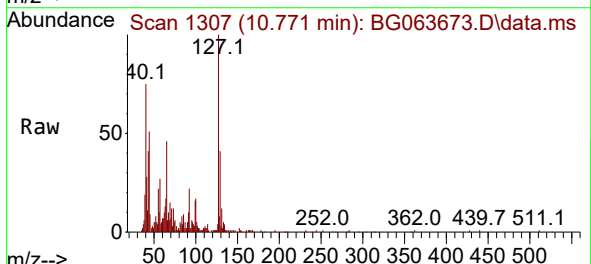
Manual Integrations  
APPROVED

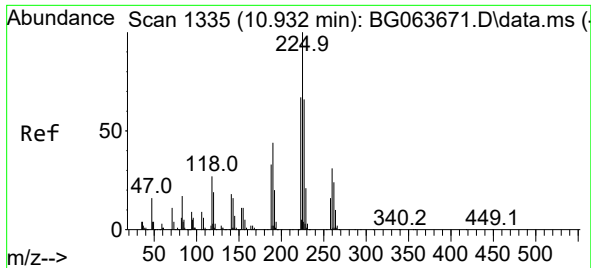
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#32  
4-Chloroaniline  
Concen: 6.790 ng/ul m  
RT: 10.771 min Scan# 1307  
Delta R.T. 0.009 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

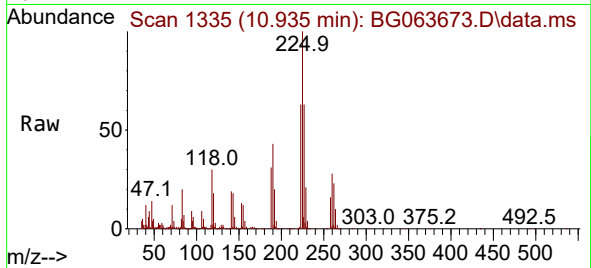
Tgt Ion:127 Resp: 118844  
Ion Ratio Lower Upper  
127 100  
129 41.2 24.5 36.7#





#33  
Hexachlorobutadiene  
Concen: 34.092 ng/ul  
RT: 10.935 min Scan# 1335  
Delta R.T. -0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

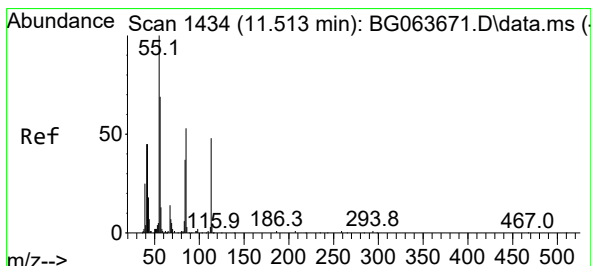
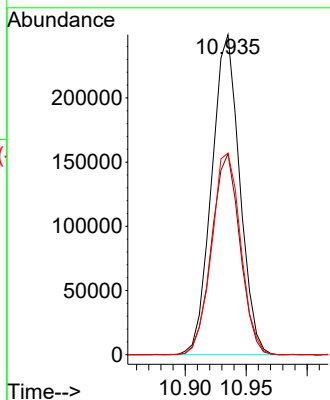
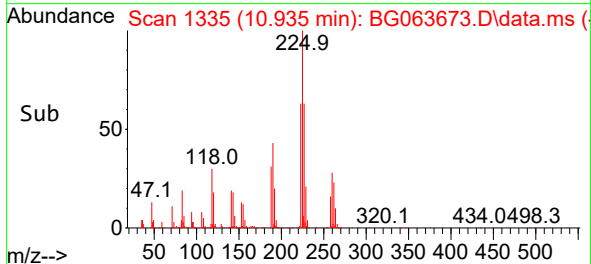
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



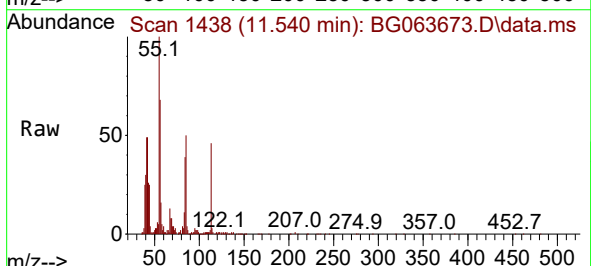
Tgt Ion:225 Resp: 398698  
Ion Ratio Lower Upper  
225 100  
223 62.8 51.2 76.8  
227 63.0 51.1 76.7

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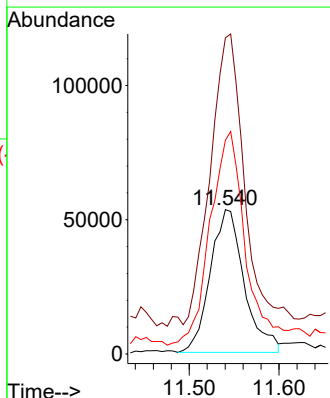
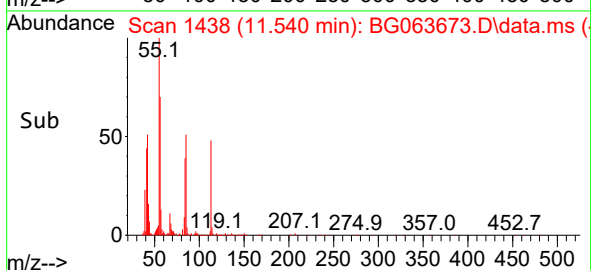
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

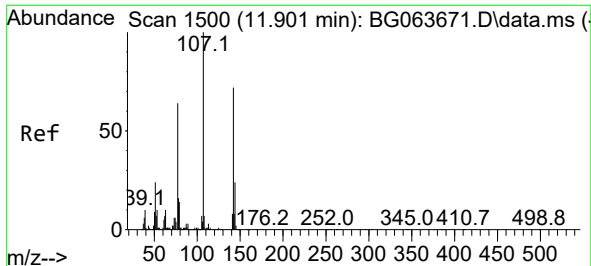


#34  
Caprolactam  
Concen: 28.097 ng/ul  
RT: 11.540 min Scan# 1438  
Delta R.T. 0.033 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



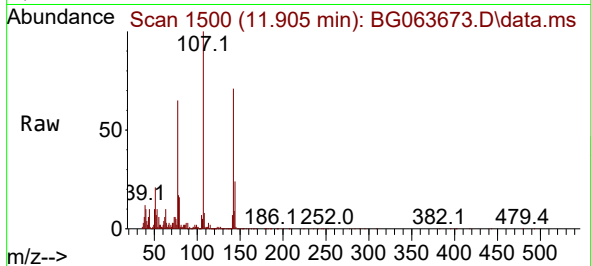
Tgt Ion:113 Resp: 139811  
Ion Ratio Lower Upper  
113 100  
55 219.0 162.3 243.5  
56 147.9 107.1 160.7





#35  
4-Chloro-3-methylphenol  
Concen: 35.388 ng/ul m  
RT: 11.905 min Scan# 1500  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

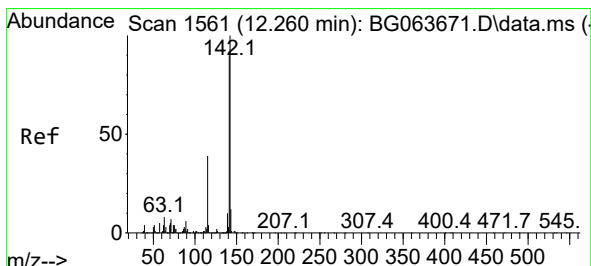
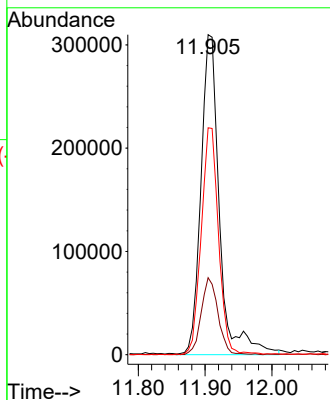
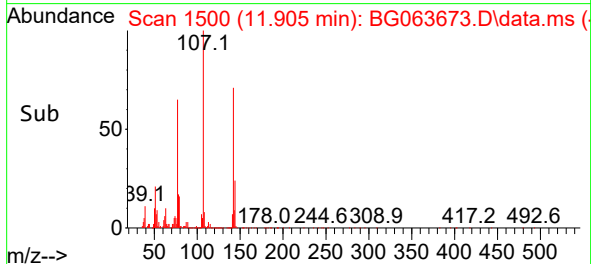
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:107 Resp: 598060  
Ion Ratio Lower Upper  
107 100  
144 24.0 16.3 24.5  
142 70.9 55.0 82.4

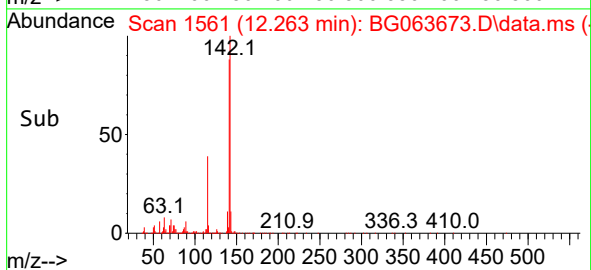
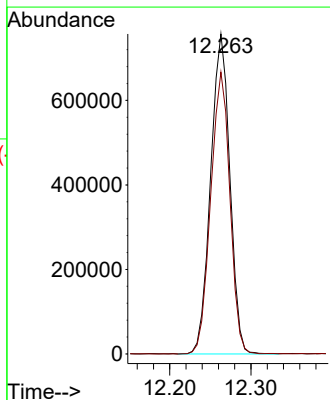
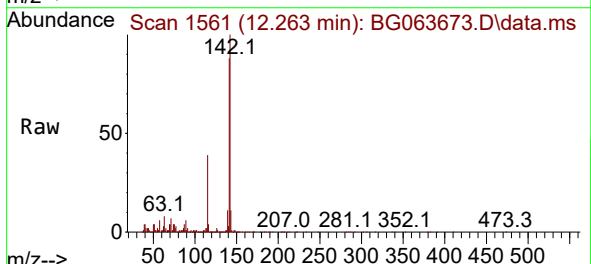
Manual Integrations  
APPROVED

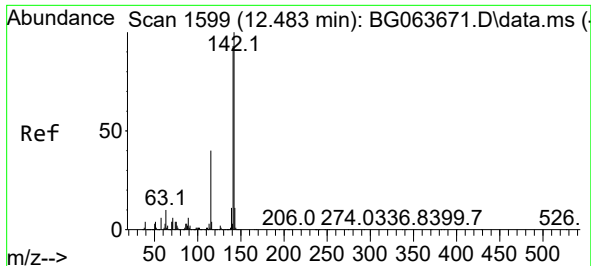
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#36  
2-Methylnaphthalene  
Concen: 36.977 ng/ul  
RT: 12.263 min Scan# 1561  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

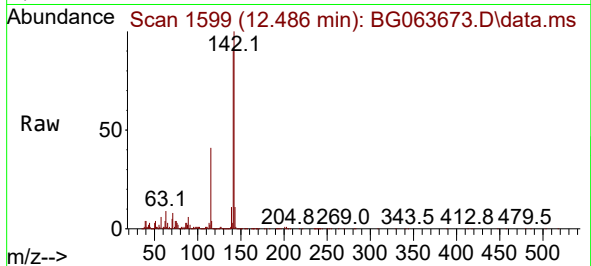
Tgt Ion:142 Resp: 1242212  
Ion Ratio Lower Upper  
142 100  
141 88.0 69.5 104.3





#37  
1-Methylnaphthalene  
Concen: 33.628 ng/ul  
RT: 12.486 min Scan# 1599  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

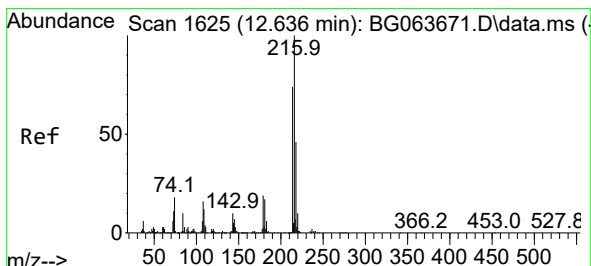
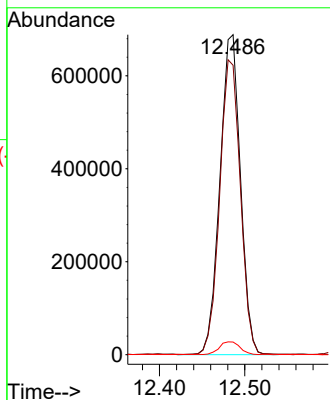
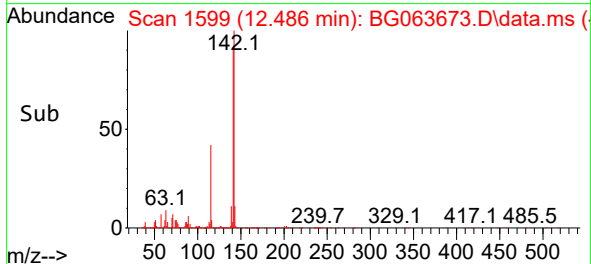
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



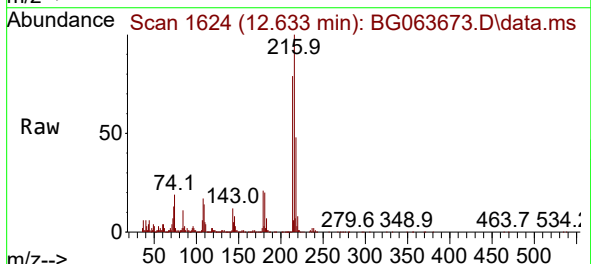
Tgt Ion:142 Resp: 115073  
Ion Ratio Lower Upper  
142 100  
141 90.5 73.8 110.6  
116 4.0 3.5 5.3

Manual Integrations  
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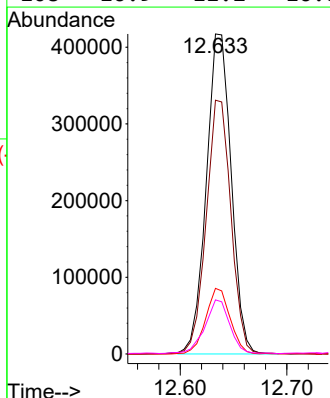
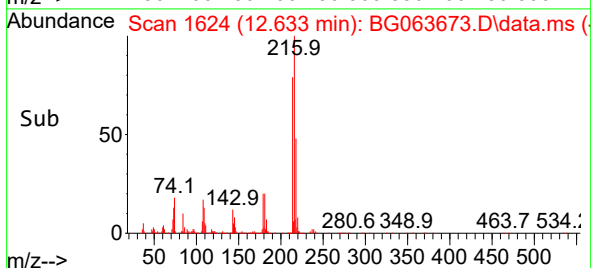
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



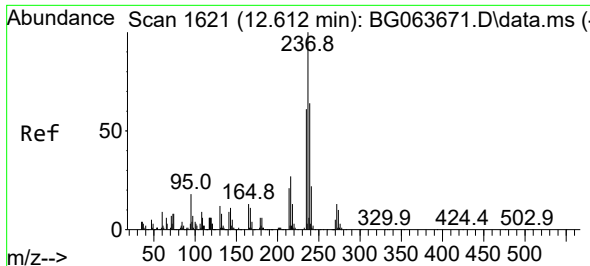
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 35.651 ng/ul  
RT: 12.633 min Scan# 1624  
Delta R.T. -0.008 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



Tgt Ion:216 Resp: 677766  
Ion Ratio Lower Upper  
216 100  
214 79.3 62.6 93.8  
179 20.5 16.5 24.7  
108 16.9 11.2 16.8#

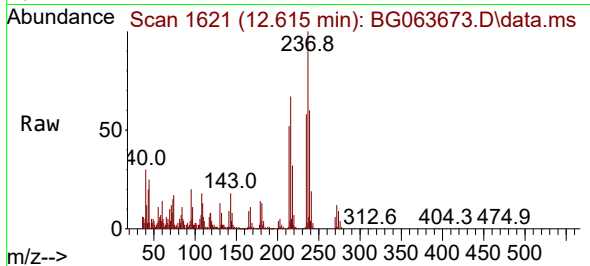






#40  
Hexachlorocyclopentadiene  
Concen: 17.950 ng/ul  
RT: 12.615 min Scan# 1621  
Delta R.T. -0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

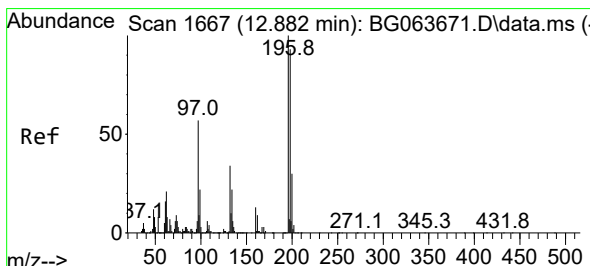
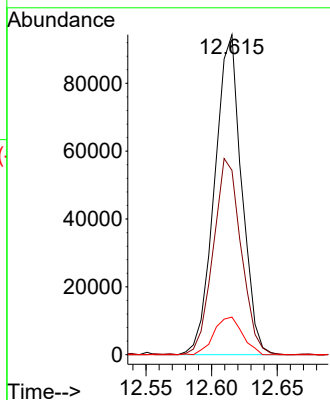
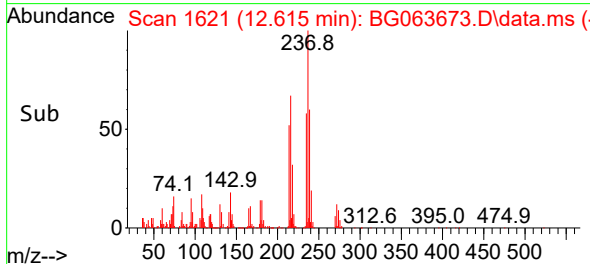
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



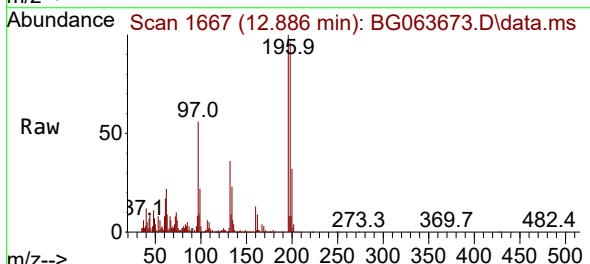
Tgt Ion:237 Resp: 134905  
Ion Ratio Lower Upper  
237 100  
235 57.6 51.0 76.6  
272 11.7 9.7 14.5

Manual Integrations  
APPROVED

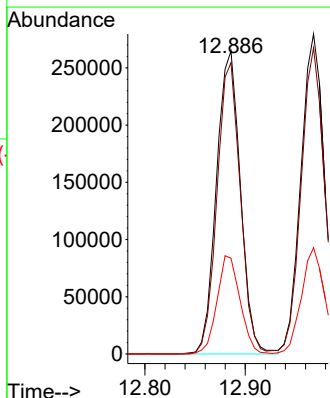
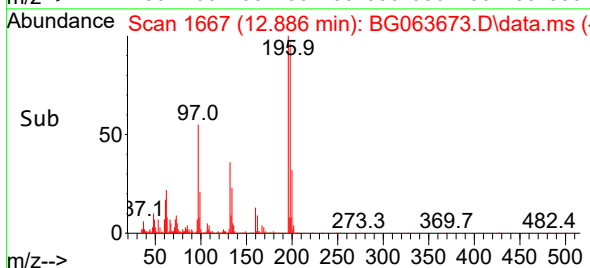
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

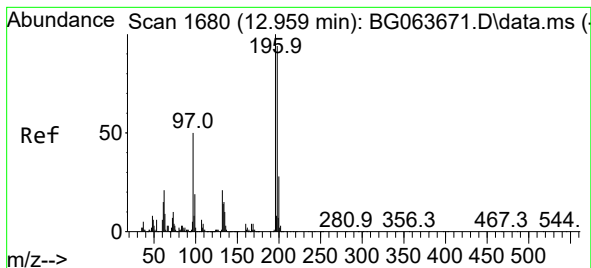


#41  
2,4,6-Trichlorophenol  
Concen: 40.988 ng/ul  
RT: 12.886 min Scan# 1667  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



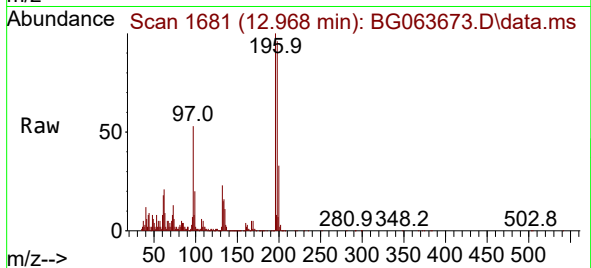
Tgt Ion:196 Resp: 440417  
Ion Ratio Lower Upper  
196 100  
198 96.1 72.4 108.6  
200 31.6 22.5 33.7





#42  
2,4,5-Trichlorophenol  
Concen: 39.893 ng/ul  
RT: 12.968 min Scan# 1680  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

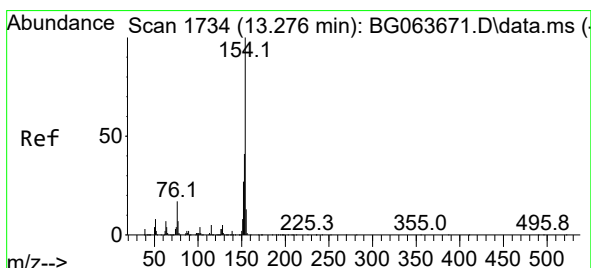
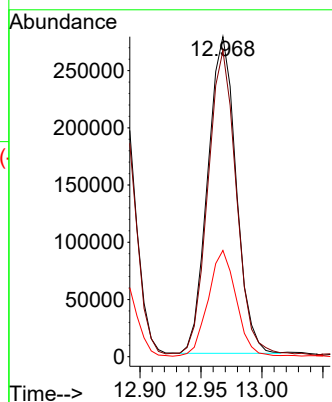
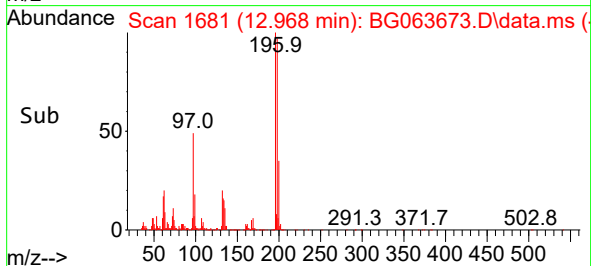
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:196 Resp: 447348  
Ion Ratio Lower Upper  
196 100  
198 95.6 74.2 111.4  
200 33.2 23.5 35.3

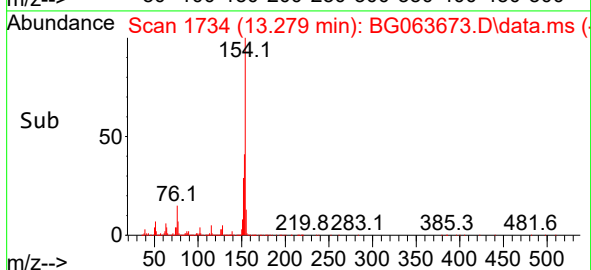
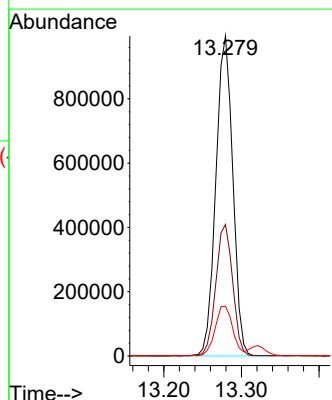
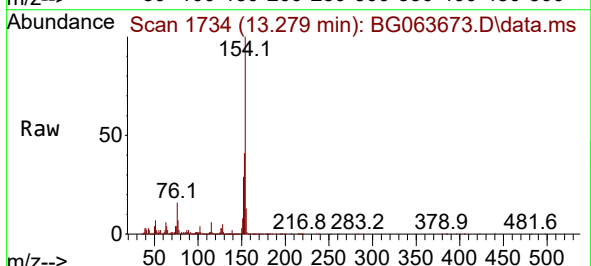
Manual Integrations  
APPROVED

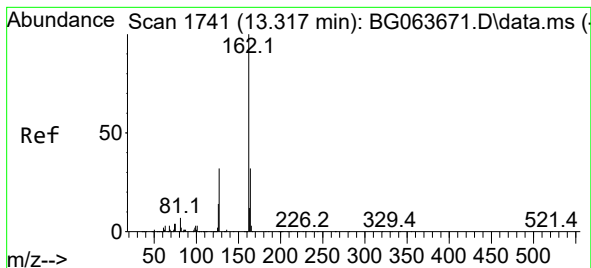
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#43  
1,1'-Biphenyl  
Concen: 38.701 ng/ul  
RT: 13.279 min Scan# 1734  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

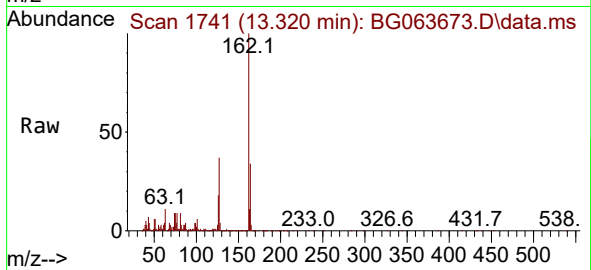
Tgt Ion:154 Resp: 1515685  
Ion Ratio Lower Upper  
154 100  
153 41.1 35.1 52.7  
76 15.6 13.4 20.2





#44  
2-Chloronaphthalene  
Concen: 38.528 ng/ul  
RT: 13.320 min Scan# 1741  
Delta R.T. -0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

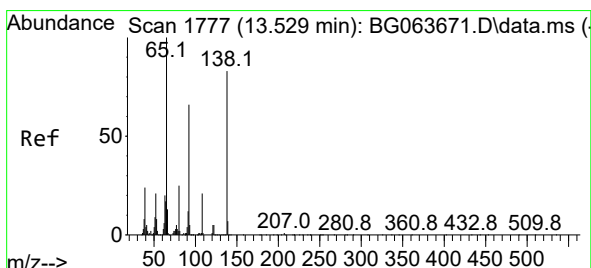
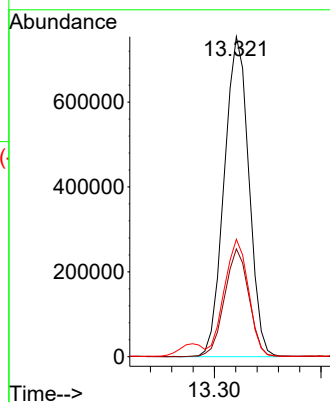
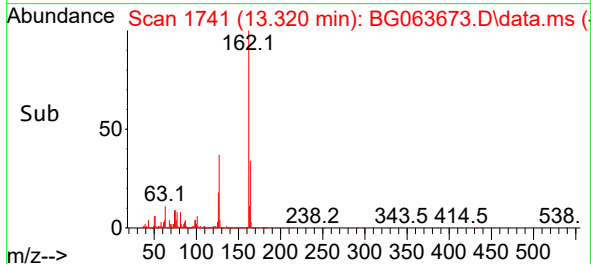
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



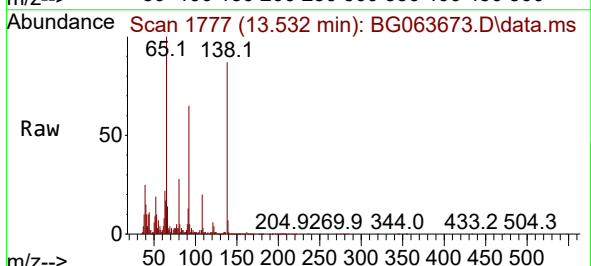
Tgt Ion:162 Resp: 121171  
Ion Ratio Lower Upper  
162 100  
164 33.7 25.2 37.8  
127 36.7 29.2 43.8

Manual Integrations  
APPROVED

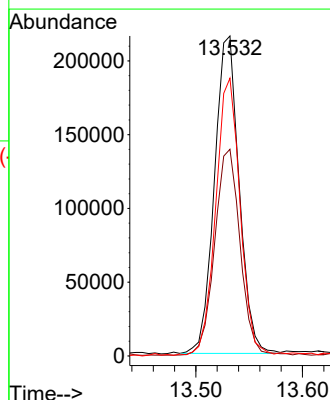
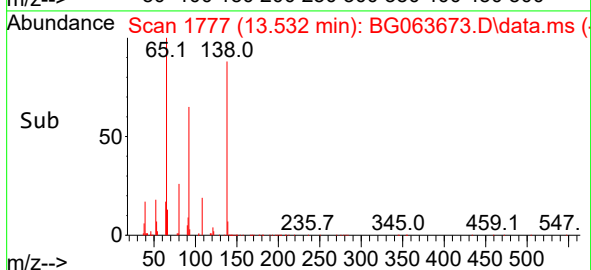
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

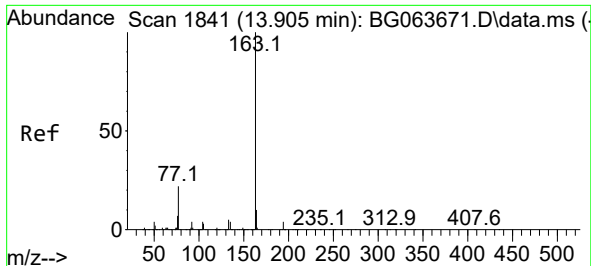


#45  
2-Nitroaniline  
Concen: 32.861 ng/ul  
RT: 13.532 min Scan# 1777  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



Tgt Ion: 65 Resp: 346172  
Ion Ratio Lower Upper  
65 100  
92 64.6 49.5 74.3  
138 86.8 61.8 92.8





#47  
Dimethylphthalate  
Concen: 35.113 ng/ul  
RT: 13.902 min Scan# 1840  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

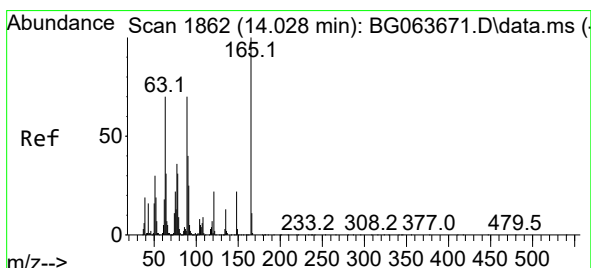
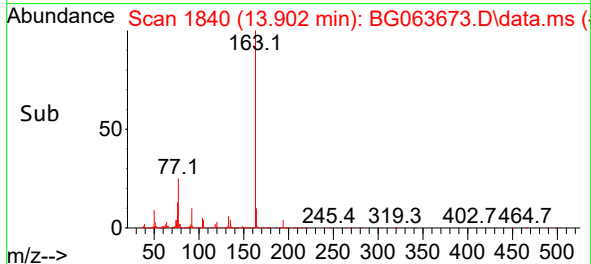
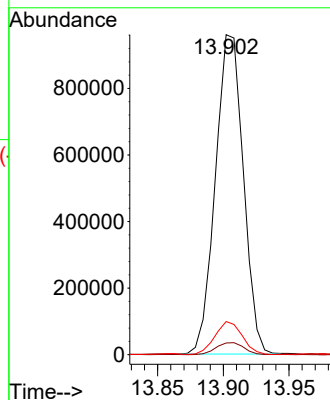
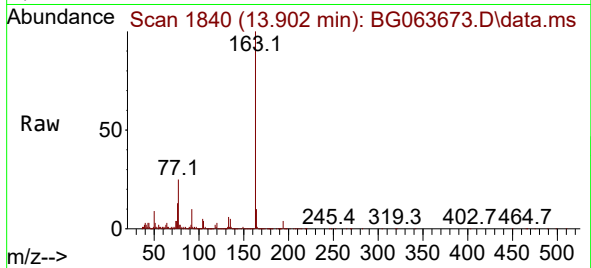
E28Q4MS

Tgt Ion:163 Resp: 142203  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.4 8.8 13.2

Manual Integrations

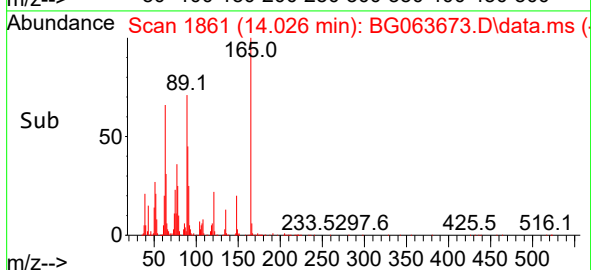
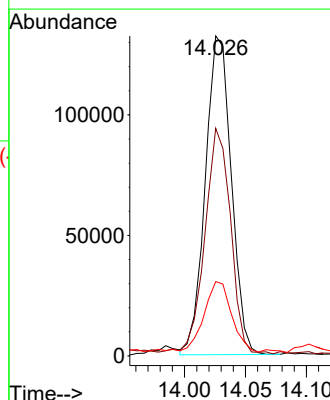
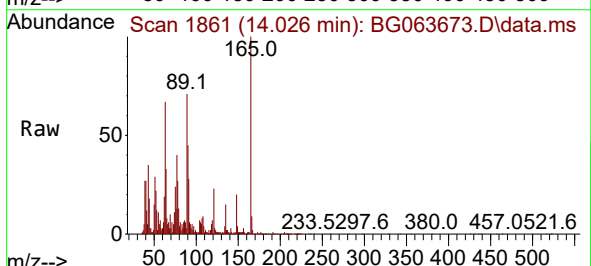
APPROVED

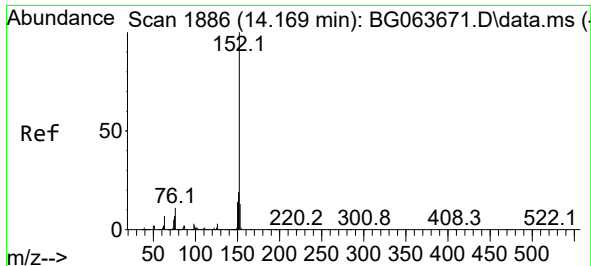
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#48  
2,6-Dinitrotoluene  
Concen: 26.130 ng/ul  
RT: 14.026 min Scan# 1861  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

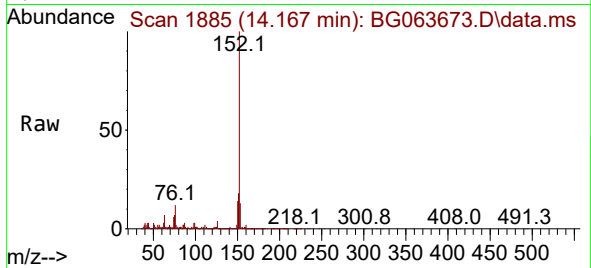
Tgt Ion:165 Resp: 196534  
Ion Ratio Lower Upper  
165 100  
89 71.1 59.4 89.2  
121 23.3 20.8 31.2





#50  
Acenaphthylene  
Concen: 26.274 ng/ul  
RT: 14.167 min Scan# 1885  
Delta R.T. -0.008 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

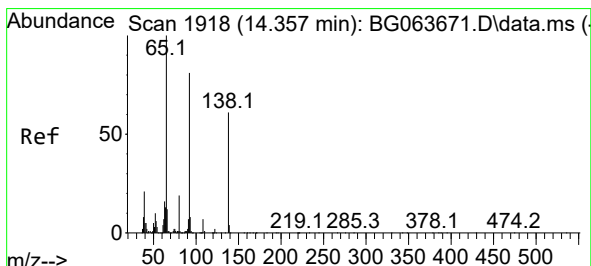
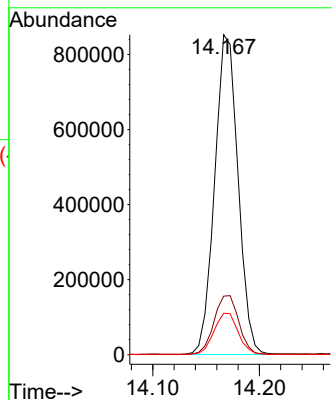
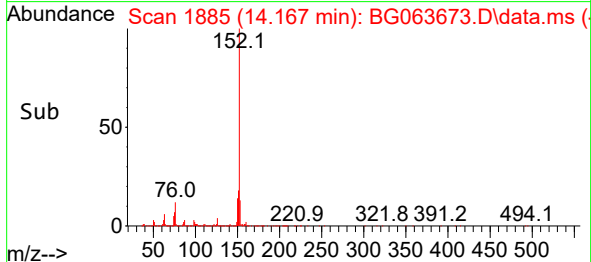
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



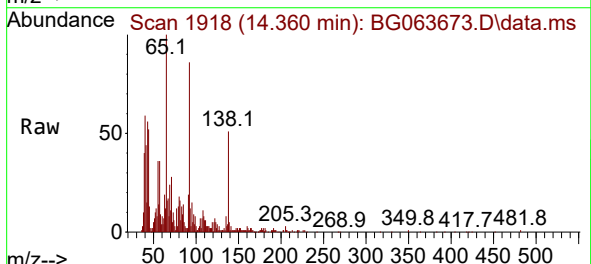
Tgt Ion:152 Resp: 129774  
Ion Ratio Lower Upper  
152 100  
151 18.3 14.6 22.0  
153 12.9 10.0 15.0

Manual Integrations  
APPROVED

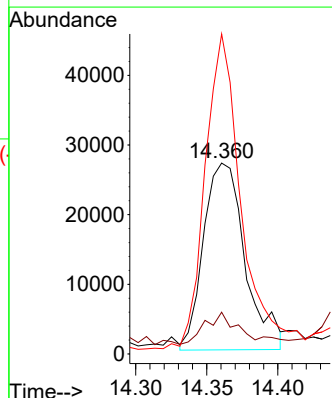
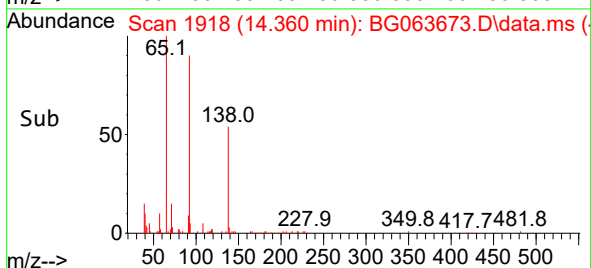
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

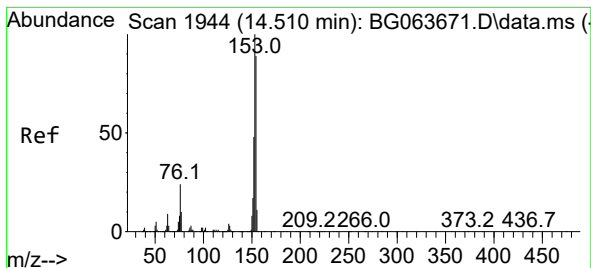


#51  
3-Nitroaniline  
Concen: 7.862 ng/ul  
RT: 14.360 min Scan# 1918  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



Tgt Ion:138 Resp: 54674  
Ion Ratio Lower Upper  
138 100  
108 21.8 8.4 12.6#  
92 167.6 120.4 180.6





#52

Acenaphthene

Concen: 35.719 ng/ul

RT: 14.513 min Scan# 1944

Delta R.T. -0.002 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

Tgt Ion:153 Resp: 1250500

Ion Ratio Lower Upper

153 100

152 49.1 40.2 60.4

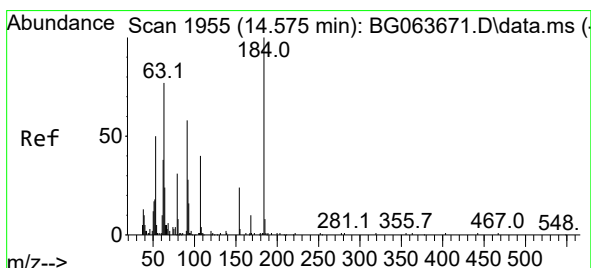
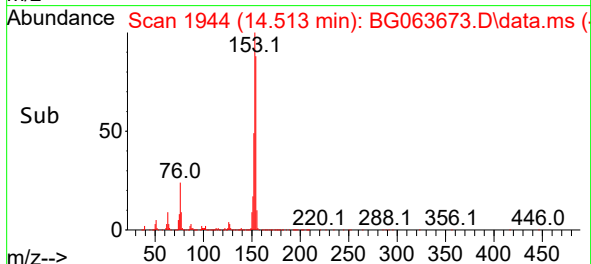
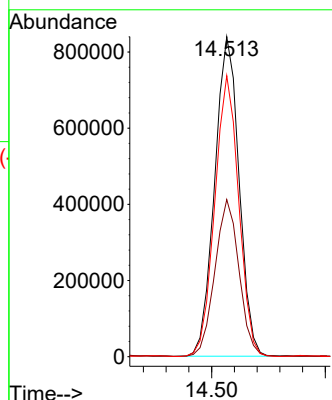
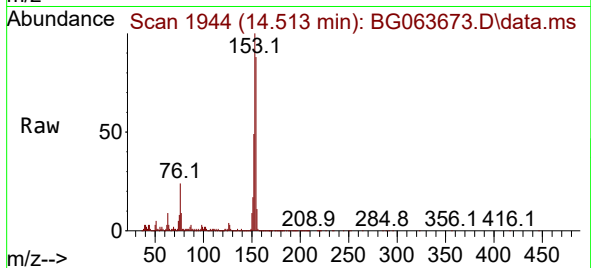
154 87.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#53

2,4-Dinitrophenol

Concen: 1.147 ng/ul

RT: 14.584 min Scan# 1956

Delta R.T. 0.003 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

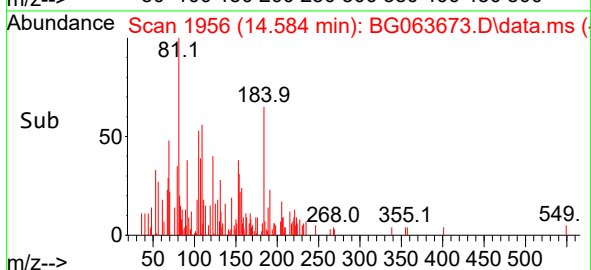
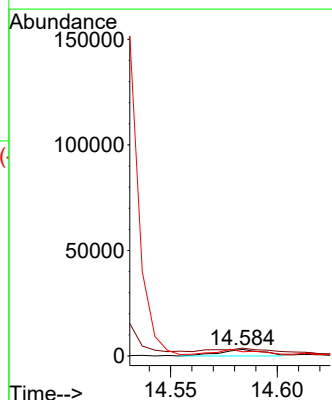
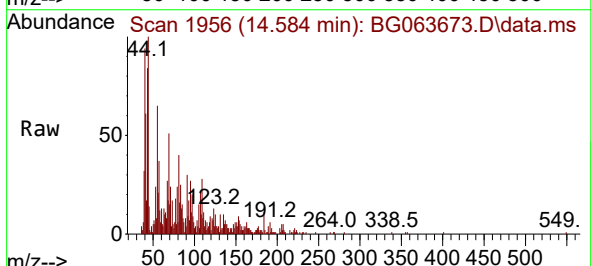
Tgt Ion:184 Resp: 4408

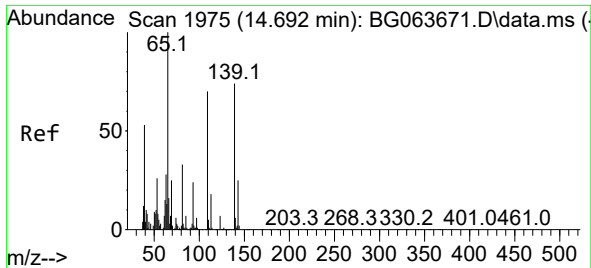
Ion Ratio Lower Upper

184 100

63 118.7 52.1 78.1#

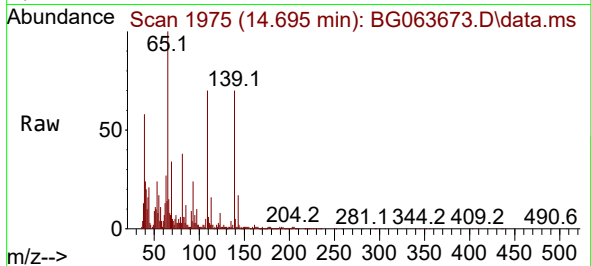
154 63.1 47.8 71.6





#55  
4-Nitrophenol  
Concen: 30.082 ng/ul  
RT: 14.695 min Scan# 1975  
Delta R.T. 0.009 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

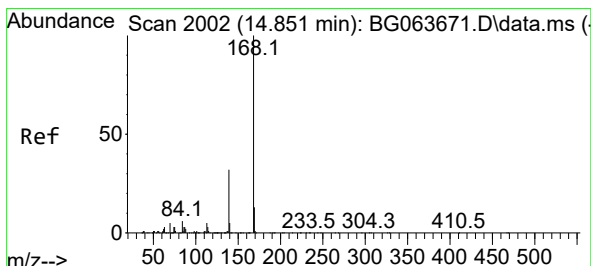
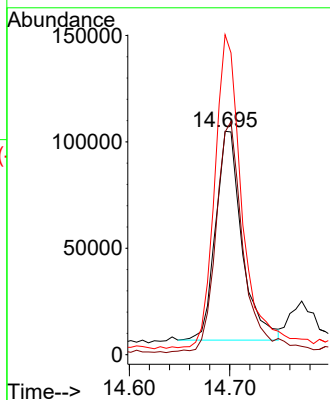
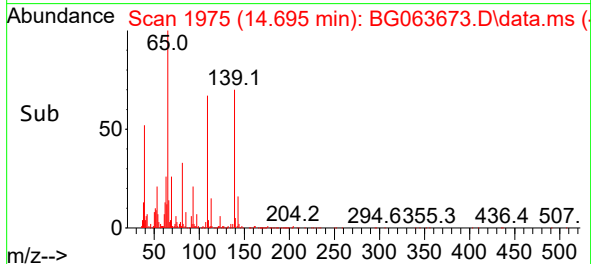
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:109 Resp: 17884  
Ion Ratio Lower Upper  
109 100  
139 99.6 86.4 129.6  
65 143.3 127.0 190.4

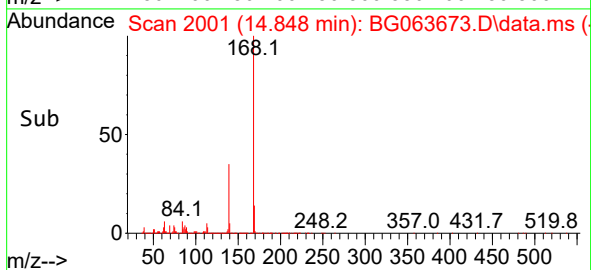
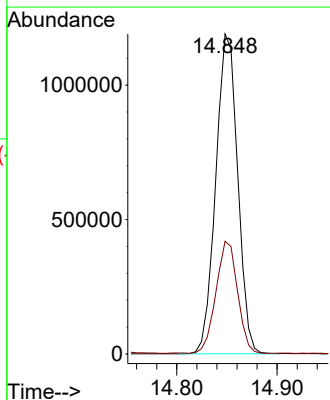
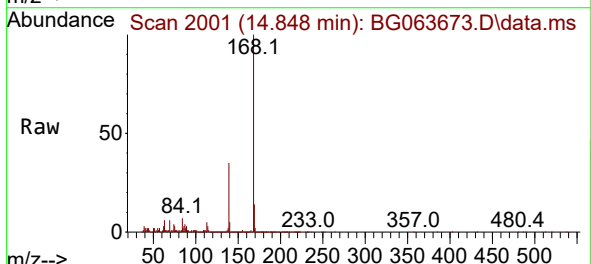
Manual Integrations  
APPROVED

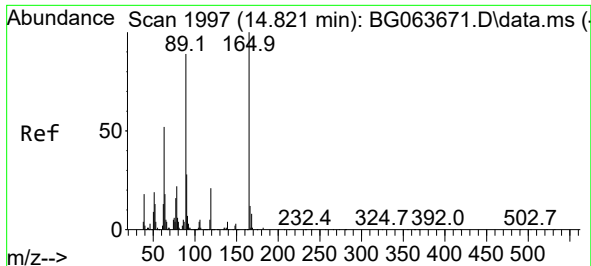
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#56  
Dibenzofuran  
Concen: 36.487 ng/ul  
RT: 14.848 min Scan# 2001  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

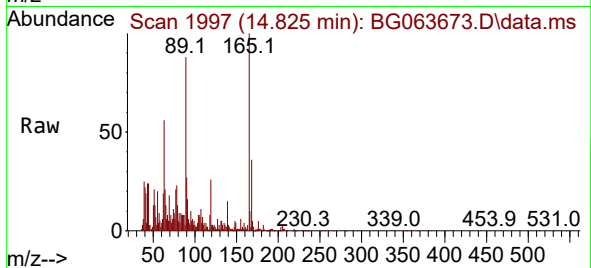
Tgt Ion:168 Resp: 1800880  
Ion Ratio Lower Upper  
168 100  
139 35.2 27.8 41.8





#57  
2,4-Dinitrotoluene  
Concen: 16.939 ng/ul  
RT: 14.825 min Scan# 1997  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

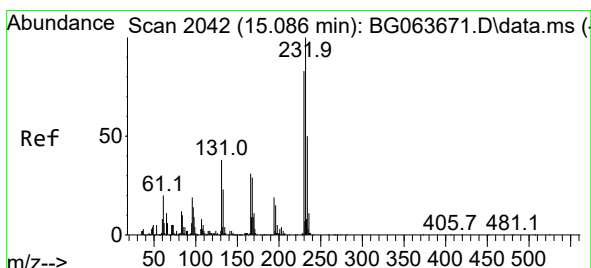
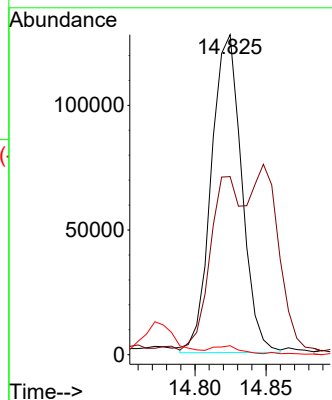
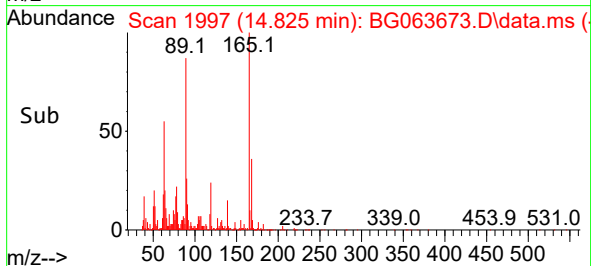
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:165 Resp: 189314  
Ion Ratio Lower Upper  
165 100  
63 55.7 45.0 67.4  
182 2.8 1.8 2.8

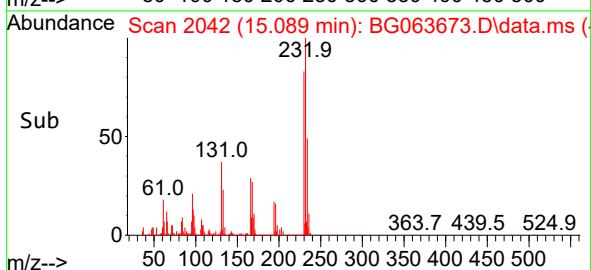
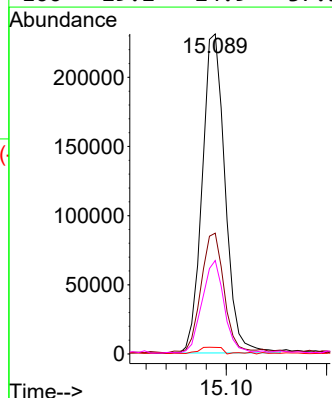
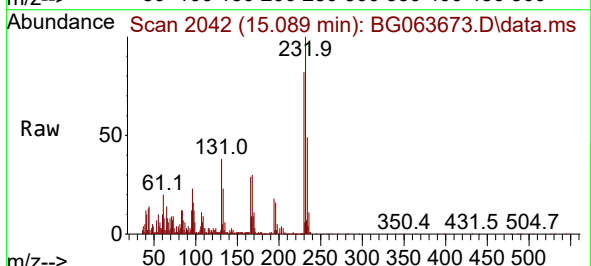
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

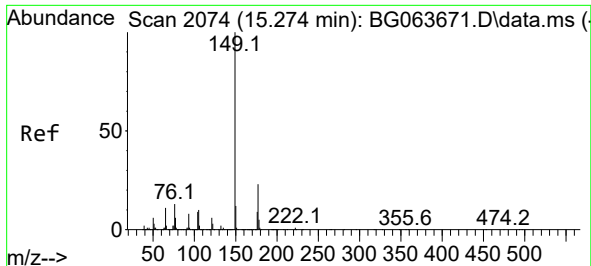


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 37.883 ng/ul  
RT: 15.089 min Scan# 2042  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Tgt Ion:232 Resp: 366184  
Ion Ratio Lower Upper  
232 100  
131 37.7 30.3 45.5  
130 2.1 1.8 2.6  
166 29.2 24.9 37.3







#59  
Diethylphthalate  
Concen: 35.050 ng/ul  
RT: 15.271 min Scan# 2074  
Delta R.T. -0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

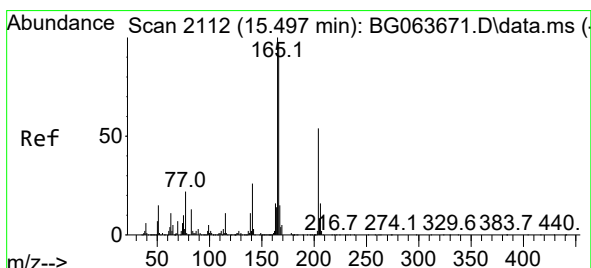
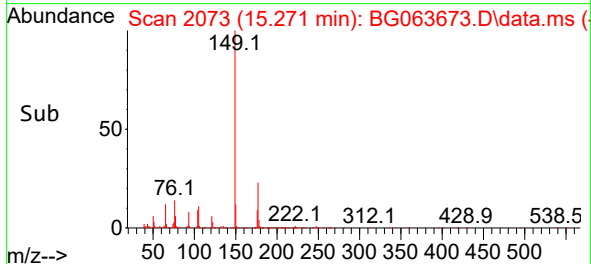
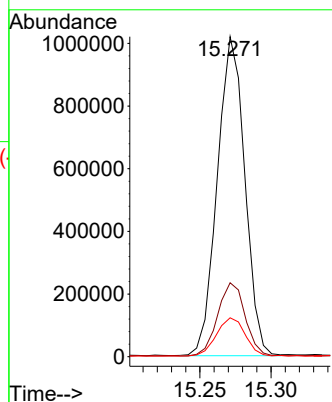
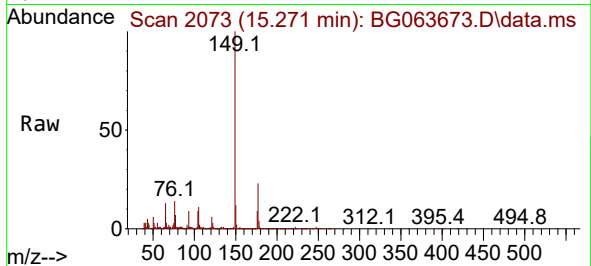
E28Q4MS

Tgt Ion:149 Resp: 137227  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.6 26.4  
150 12.2 9.0 13.4

Manual Integrations

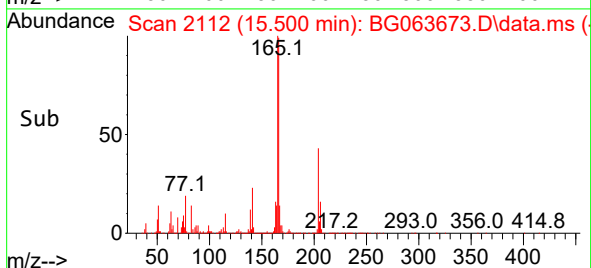
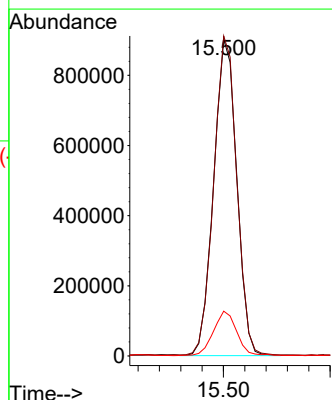
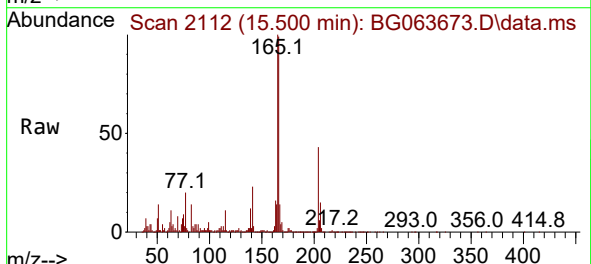
APPROVED

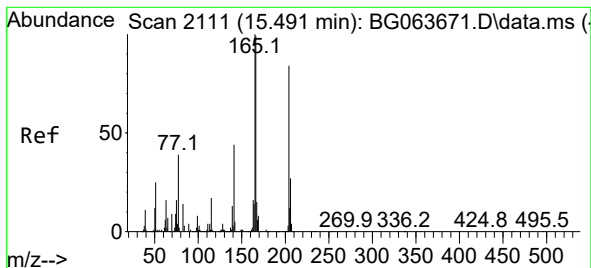
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#61  
Fluorene  
Concen: 34.393 ng/ul  
RT: 15.500 min Scan# 2112  
Delta R.T. -0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

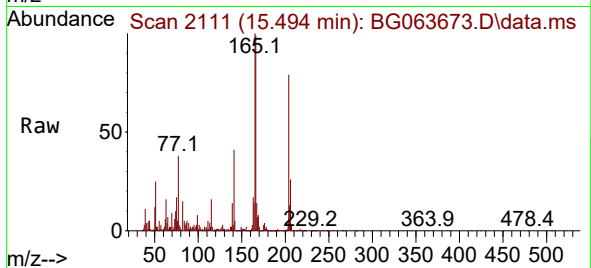
Tgt Ion:166 Resp: 1355485  
Ion Ratio Lower Upper  
166 100  
165 101.0 81.9 122.9  
167 14.1 11.4 17.0





#62  
4-Chlorophenyl-phenylether  
Concen: 33.711 ng/ul  
RT: 15.494 min Scan# 2111  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

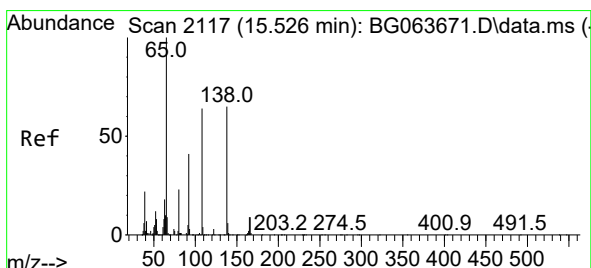
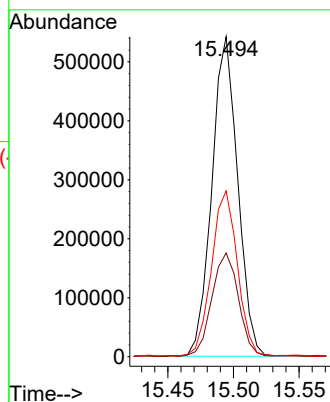
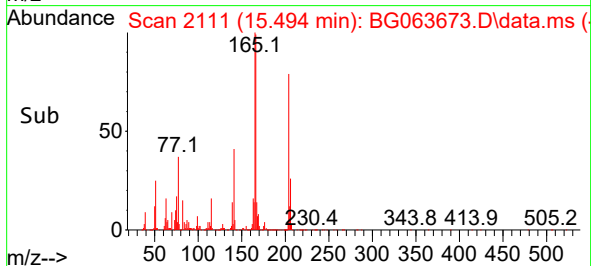
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:204 Resp: 74017  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.6 38.4  
141 51.8 42.3 63.5

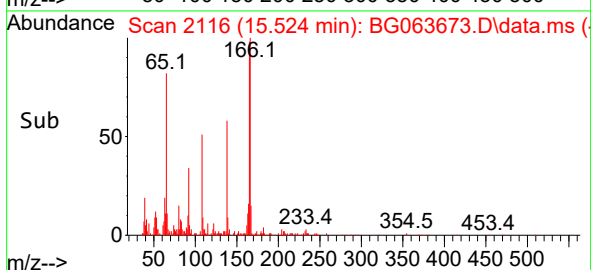
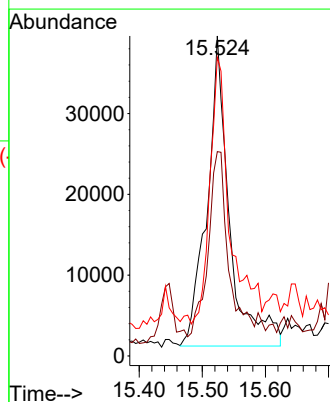
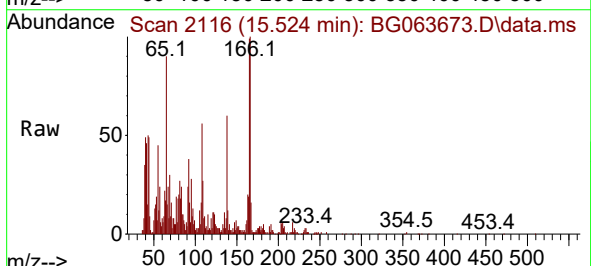
Manual Integrations  
APPROVED

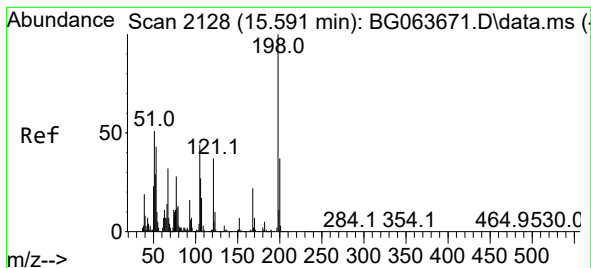
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#63  
4-Nitroaniline  
Concen: 13.592 ng/ul m  
RT: 15.524 min Scan# 2116  
Delta R.T. -0.008 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

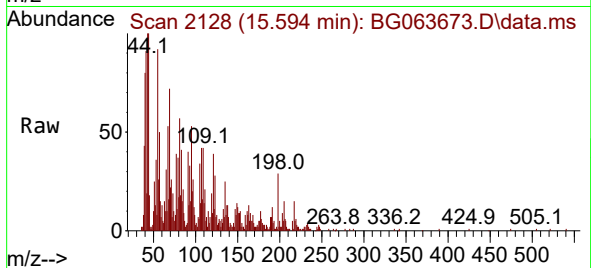
Tgt Ion:138 Resp: 94624  
Ion Ratio Lower Upper  
138 100  
92 63.9 53.2 79.8  
108 93.4 79.4 119.0





#66  
4,6-Dinitro-2-methylphenol  
Concen: 2.502 ng/ul  
RT: 15.594 min Scan# 2128  
Delta R.T. -0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

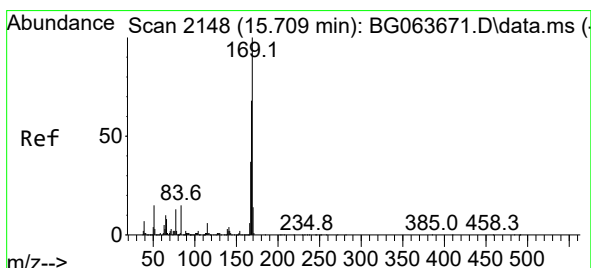
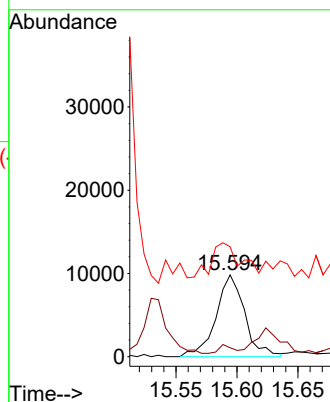
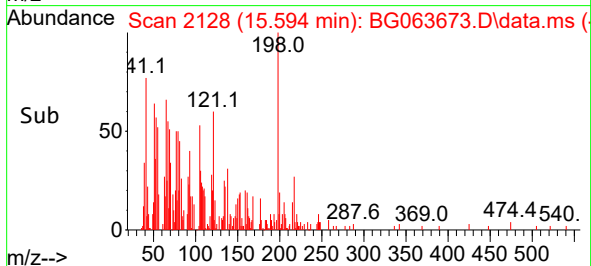
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:198 Resp: 1610  
Ion Ratio Lower Upper  
198 100  
182 11.0 3.4 5.2  
77 134.6 25.2 37.8

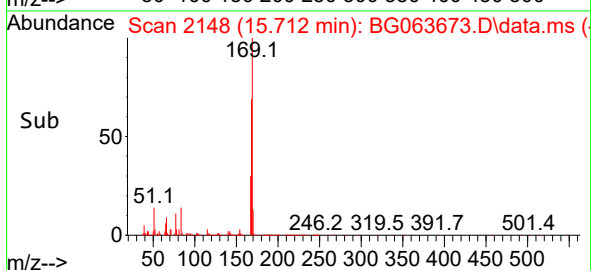
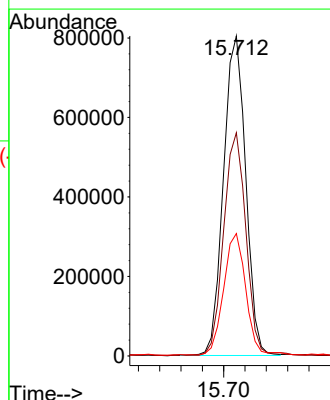
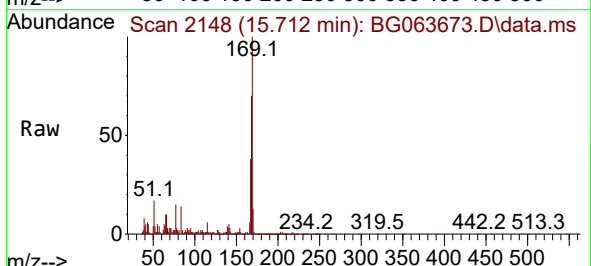
Manual Integrations  
APPROVED

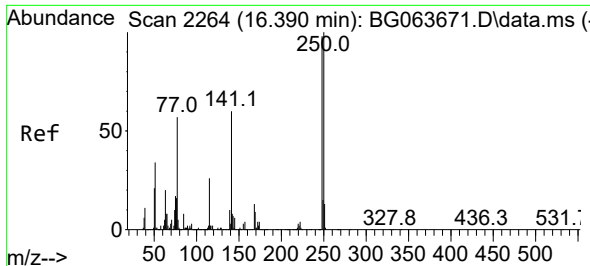
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024



#67  
N-Nitrosodiphenylamine  
Concen: 39.929 ng/ul  
RT: 15.712 min Scan# 2148  
Delta R.T. -0.002 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Tgt Ion:169 Resp: 1163639  
Ion Ratio Lower Upper  
169 100  
168 69.8 54.0 81.0  
167 38.3 29.8 44.8





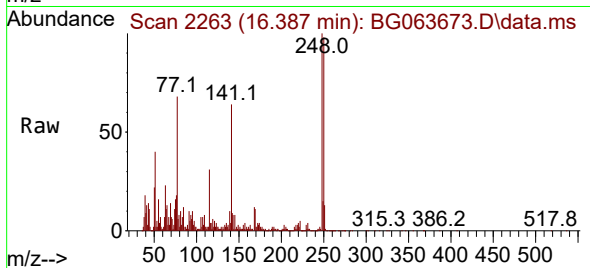
#68  
4-Bromophenyl-phenylether  
Concen: 39.017 ng/ul  
RT: 16.387 min Scan# 21  
Delta R.T. -0.008 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS



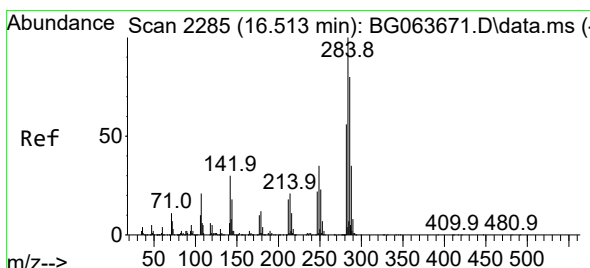
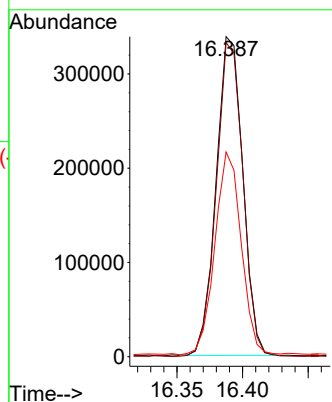
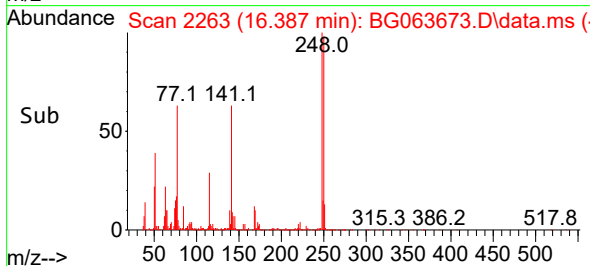
Tgt Ion:248 Resp: 47854  
Ion Ratio Lower Upper  
248 100  
250 98.2 76.1 114.1  
141 64.0 46.0 69.0

Manual Integrations

APPROVED

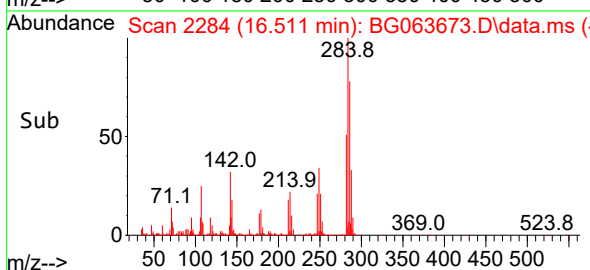
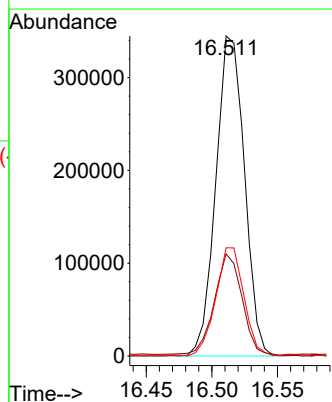
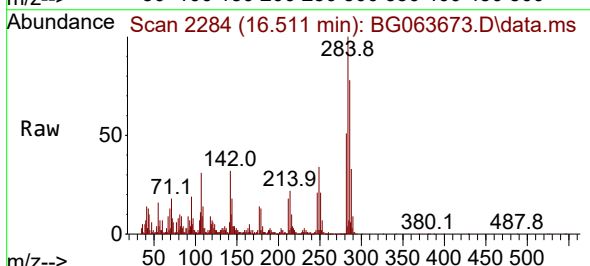
Reviewed By :Yogesh Patel 12/14/2024

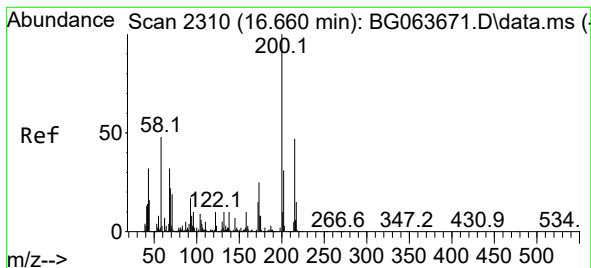
Supervised By :mohammad ahmed 12/14/2024



#69  
Hexachlorobenzene  
Concen: 38.037 ng/ul  
RT: 16.511 min Scan# 2284  
Delta R.T. -0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Tgt Ion:284 Resp: 522686  
Ion Ratio Lower Upper  
284 100  
142 31.9 23.9 35.9  
249 33.8 24.6 36.8





#70

Atrazine

Concen: 36.913 ng/ul

RT: 16.670 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

Tgt Ion:200 Resp: 454729

Ion Ratio Lower Upper

200 100

173 26.3 21.3 31.9

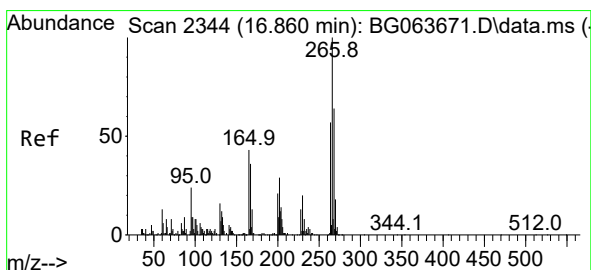
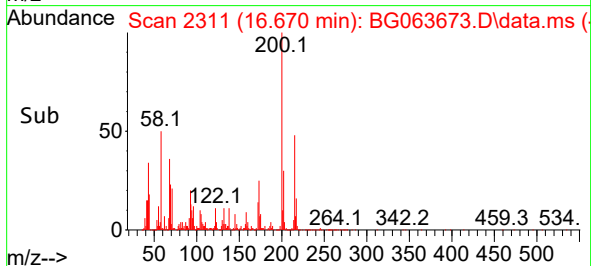
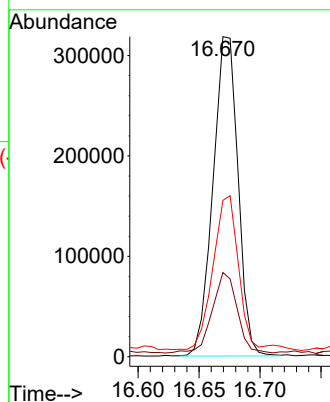
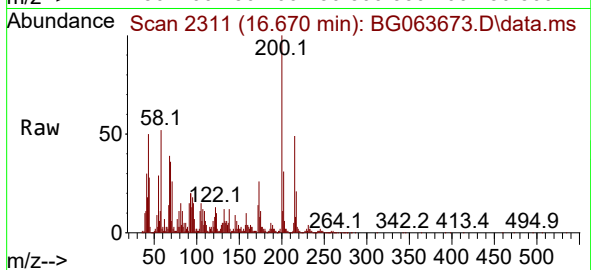
215 48.9 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#71

Pentachlorophenol

Concen: 43.577 ng/ul

RT: 16.863 min Scan# 2344

Delta R.T. -0.003 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

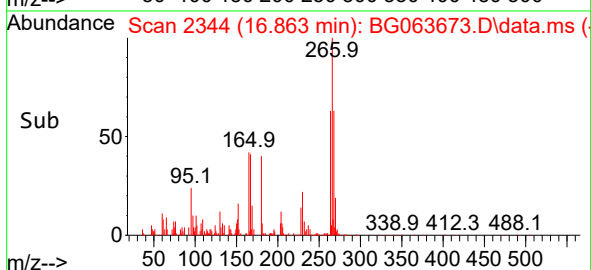
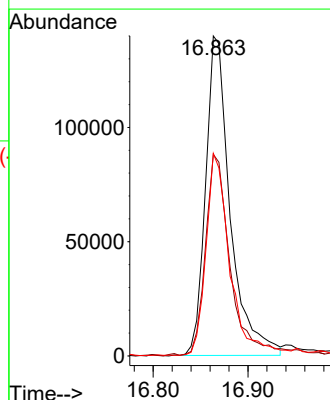
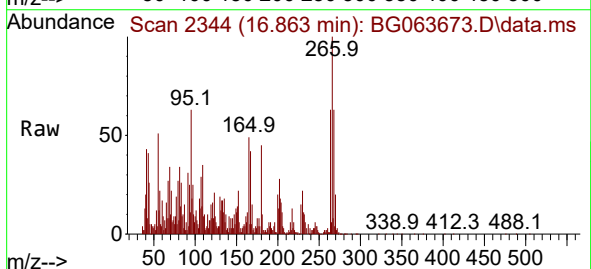
Tgt Ion:266 Resp: 252478

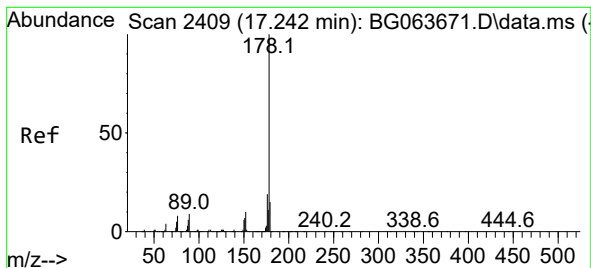
Ion Ratio Lower Upper

266 100

264 63.0 49.3 73.9

268 63.3 50.5 75.7





#72

Phenanthrene

Concen: 41.209 ng/ul

RT: 17.245 min Scan# 2409

Delta R.T. -0.002 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

Tgt Ion:178 Resp: 2389898

Ion Ratio Lower Upper

178 100

179 16.9 12.2 18.2

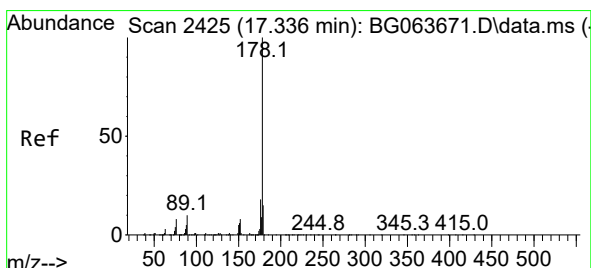
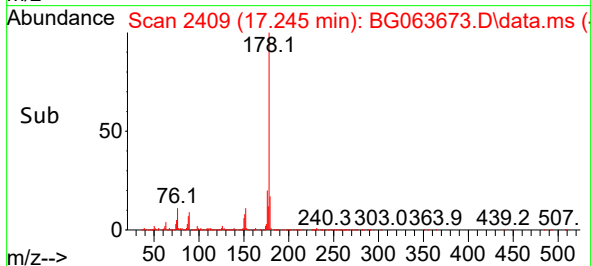
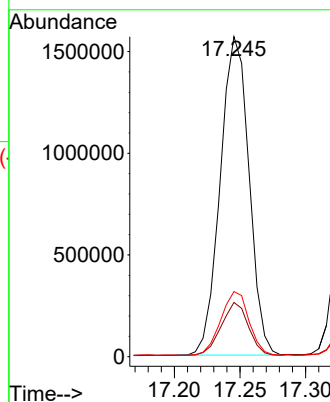
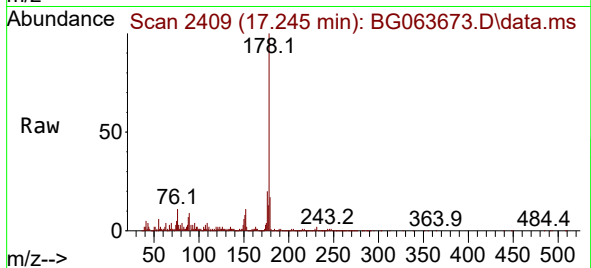
176 20.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#74

Anthracene

Concen: 33.597 ng/ul

RT: 17.339 min Scan# 2425

Delta R.T. 0.003 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

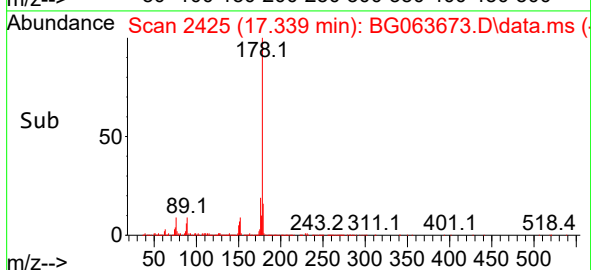
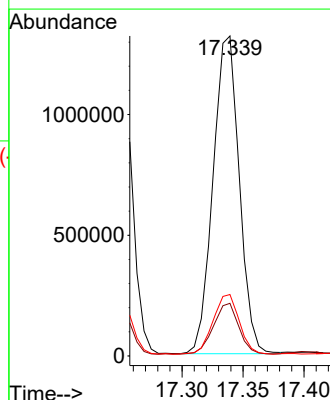
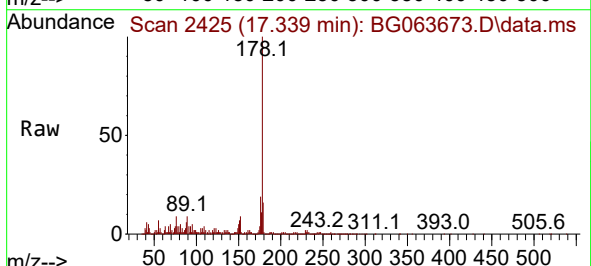
Tgt Ion:178 Resp: 1972093

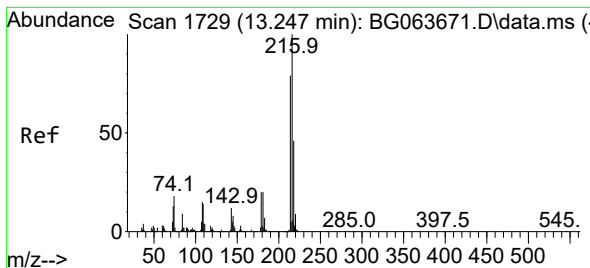
Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

176 19.2 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 43.780 ng/ul

RT: 13.244 min Scan# 1728

Delta R.T. -0.002 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

Tgt Ion:216 Resp: 70296

Ion Ratio Lower Upper

216 100

214 77.4 60.2 90.4

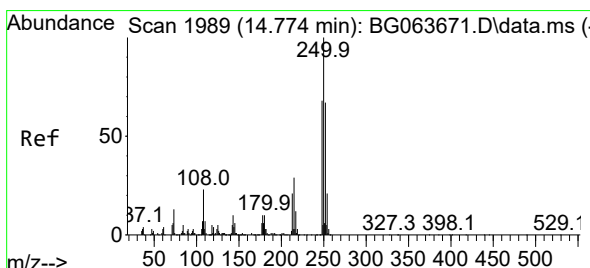
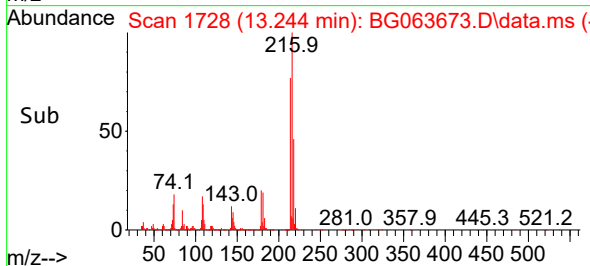
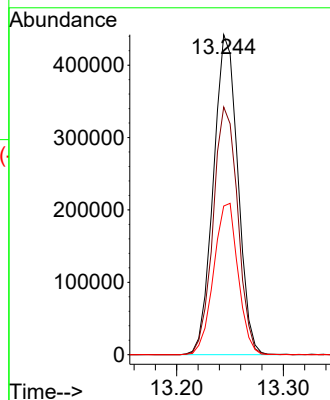
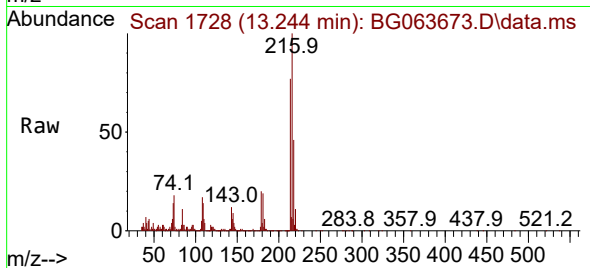
218 46.5 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#76

Pentachlorobenzene

Concen: 40.176 ng/ul

RT: 14.778 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

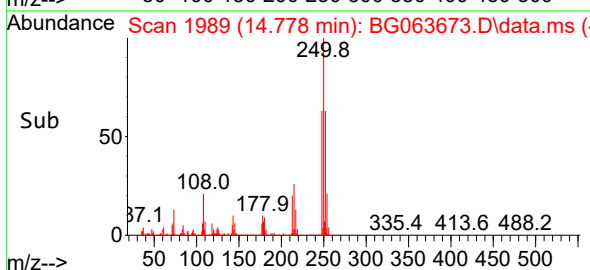
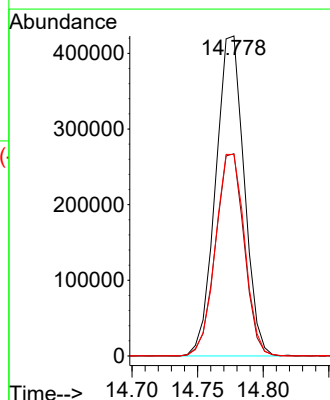
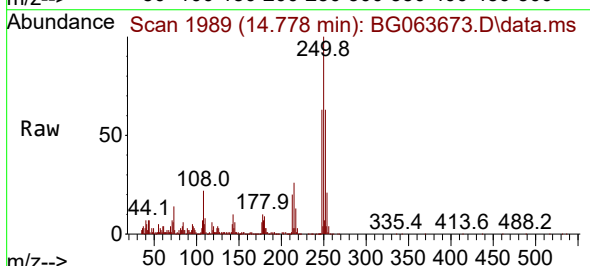
Tgt Ion:250 Resp: 639091

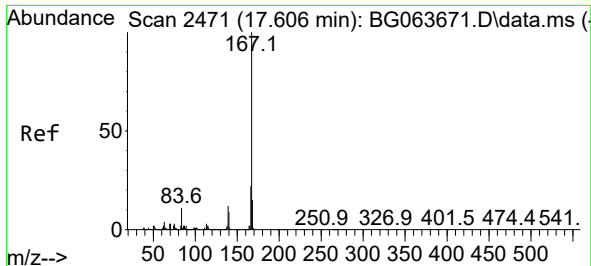
Ion Ratio Lower Upper

250 100

248 63.2 49.8 74.8

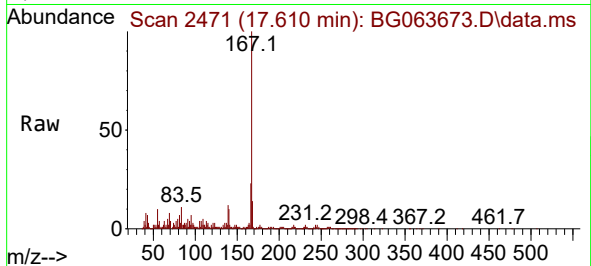
252 62.9 50.4 75.6





#77  
 Carbazole  
 Concen: 40.051 ng/ul  
 RT: 17.610 min Scan# 2471  
 Delta R.T. -0.003 min  
 Lab File: BG063673.D  
 Acq: 13 Dec 2024 11:37

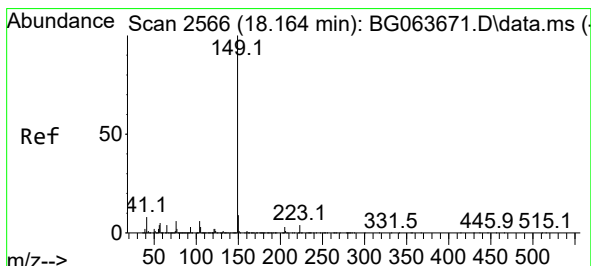
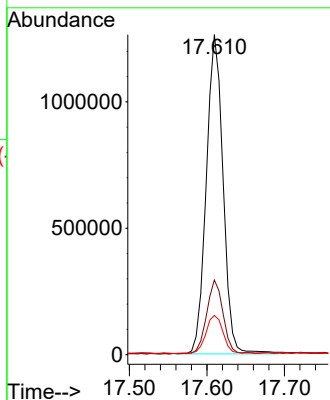
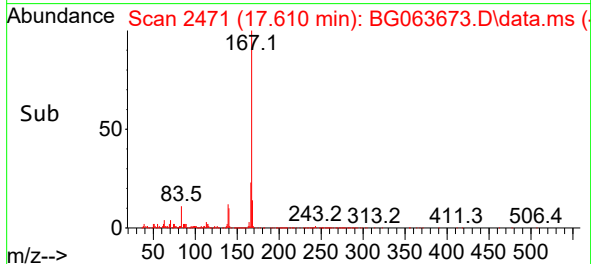
Instrument :  
 BNA\_G  
 ClientSampleId :  
 E28Q4MS



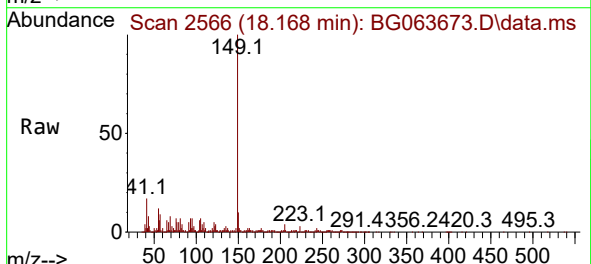
Tgt Ion:167 Resp: 1903029  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 18.2 27.4  
 139 12.2 10.1 15.1

Manual Integrations  
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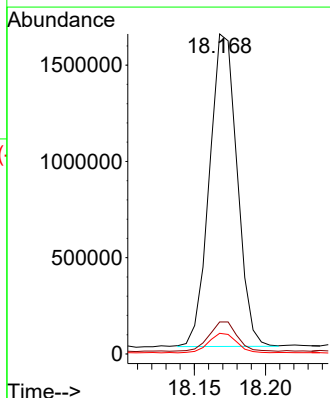
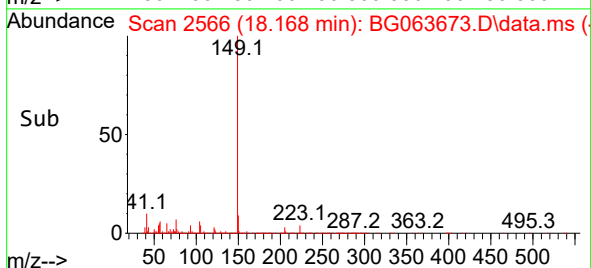
Reviewed By :Yogesh Patel 12/14/2024  
 Supervised By :mohammad ahmed 12/14/2024



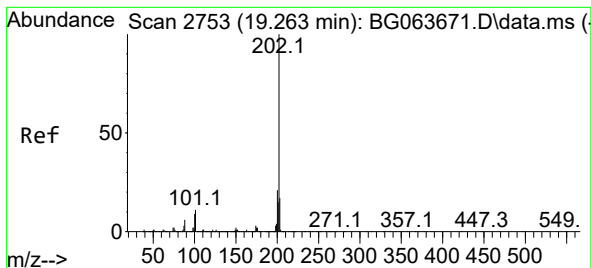
#78  
 Di-n-butylphthalate  
 Concen: 38.323 ng/ul  
 RT: 18.168 min Scan# 2566  
 Delta R.T. -0.003 min  
 Lab File: BG063673.D  
 Acq: 13 Dec 2024 11:37



Tgt Ion:149 Resp: 2199079  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.2 10.8  
 104 6.4 5.4 8.0







#80

Fluoranthene

Concen: 40.443 ng/ul

RT: 19.272 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

Tgt Ion:202 Resp: 255456

Ion Ratio Lower Upper

202 100

101 10.4 8.1 12.1

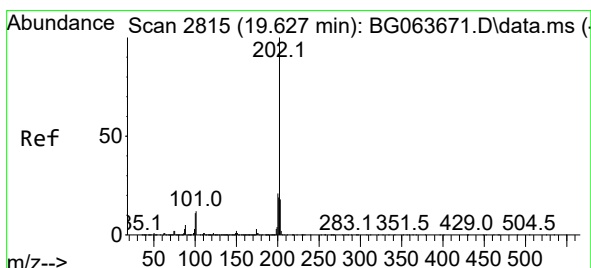
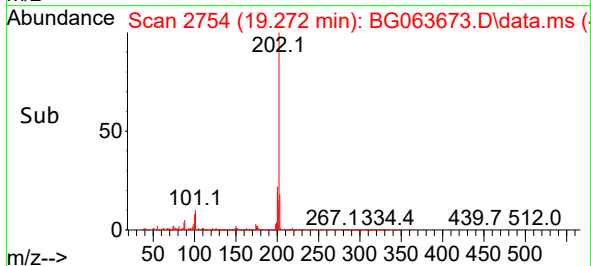
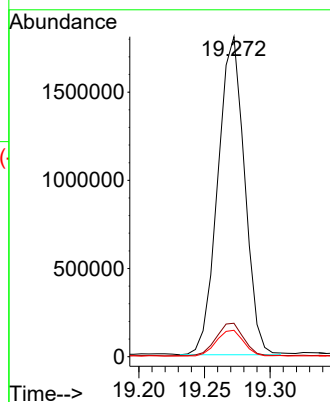
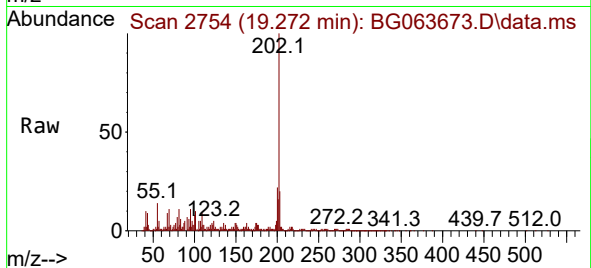
100 8.3 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#82

Pyrene

Concen: 39.230 ng/ul

RT: 19.637 min Scan# 2816

Delta R.T. 0.003 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

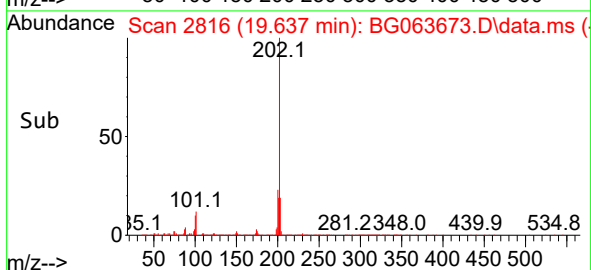
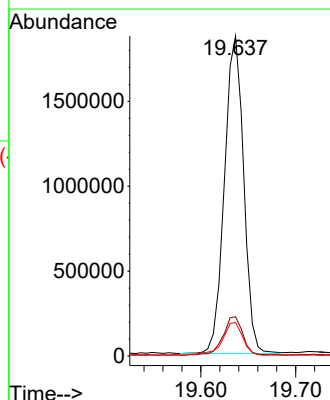
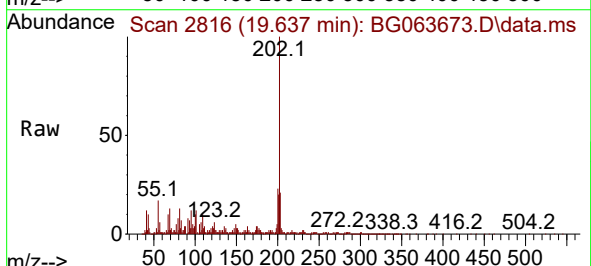
Tgt Ion:202 Resp: 2636371

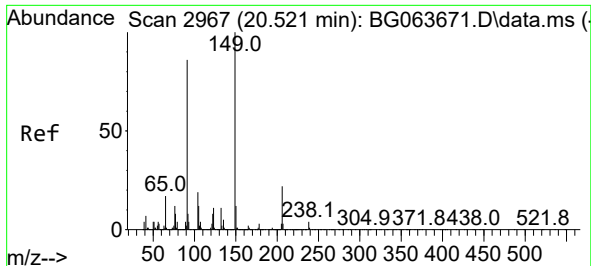
Ion Ratio Lower Upper

202 100

101 12.3 8.7 13.1

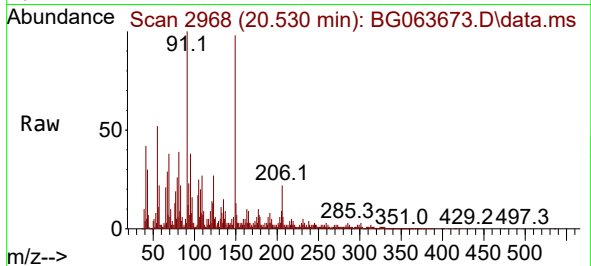
100 10.5 7.8 11.6





#83  
Butylbenzylphthalate  
Concen: 44.031 ng/ul  
RT: 20.530 min Scan# 2967  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

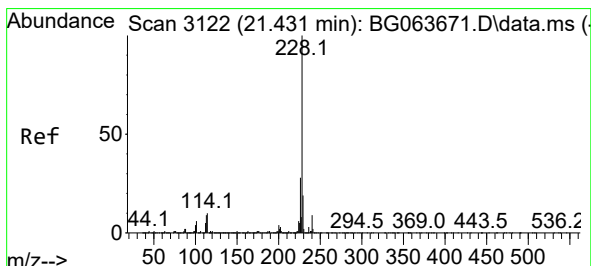
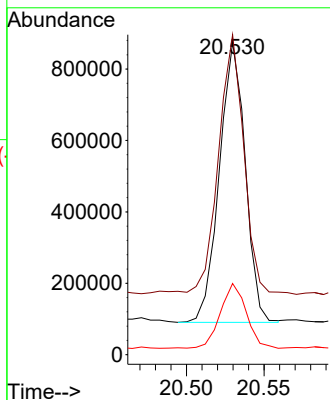
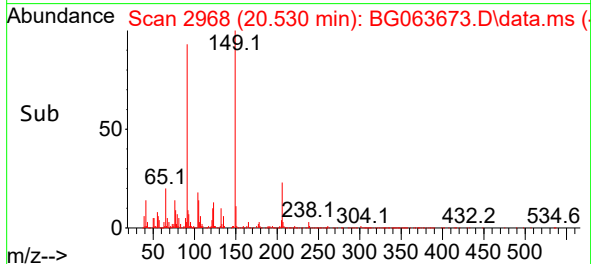
Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



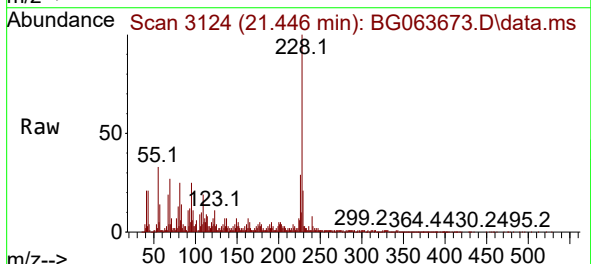
Tgt Ion:149 Resp: 908335  
Ion Ratio Lower Upper  
149 100  
91 102.4 68.7 103.1  
206 22.8 17.3 25.9

Manual Integrations  
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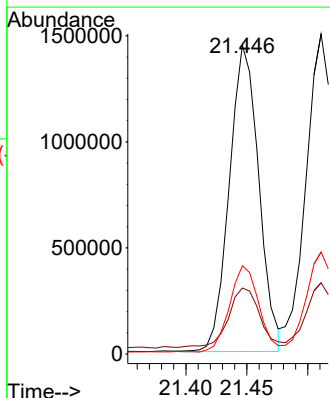
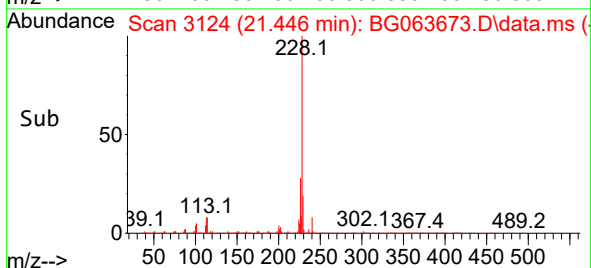
Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

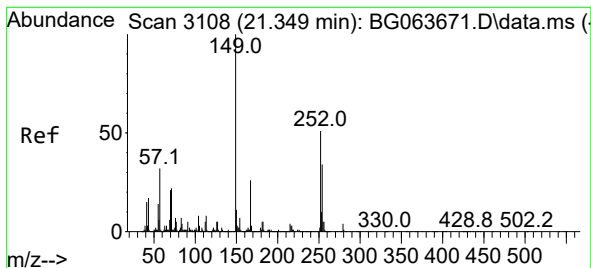


#85  
Benzo(a)anthracene  
Concen: 36.307 ng/ul  
RT: 21.446 min Scan# 3124  
Delta R.T. 0.003 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37



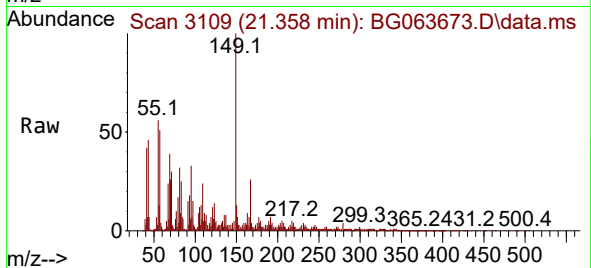
Tgt Ion:228 Resp: 2430011  
Ion Ratio Lower Upper  
228 100  
229 21.4 15.7 23.5  
226 28.5 22.0 33.0





#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.655 ng/ul  
 RT: 21.358 min Scan# 3109  
 Delta R.T. 0.003 min  
 Lab File: BG063673.D  
 Acq: 13 Dec 2024 11:37

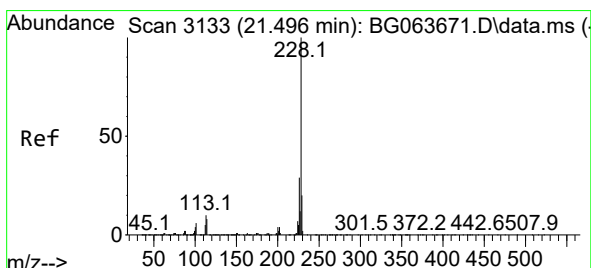
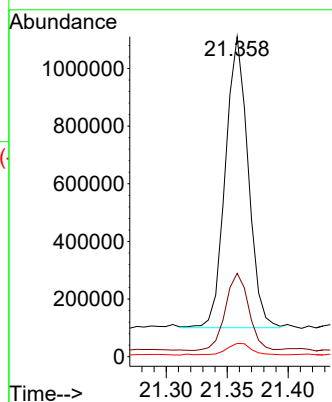
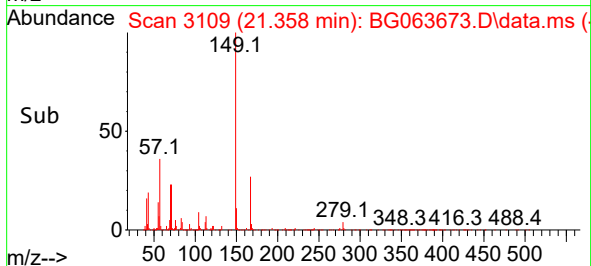
Instrument :  
 BNA\_G  
 ClientSampleId :  
 E28Q4MS



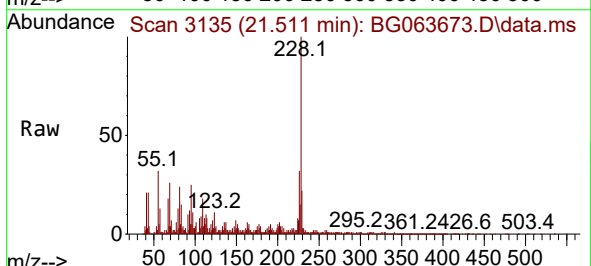
Tgt Ion:149 Resp: 131058  
 Ion Ratio Lower Upper  
 149 100  
 167 26.1 22.1 33.1  
 279 4.2 2.9 4.3

Manual Integrations  
 APPROVED

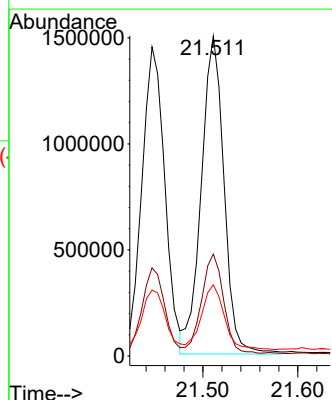
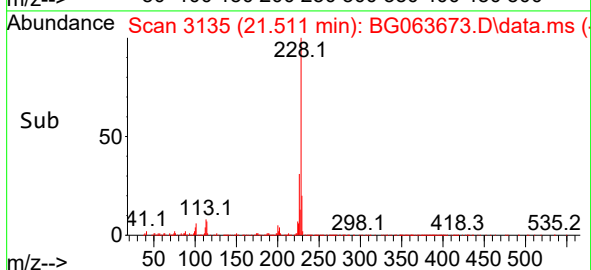
Reviewed By :Yogesh Patel 12/14/2024  
 Supervised By :mohammad ahmed 12/14/2024

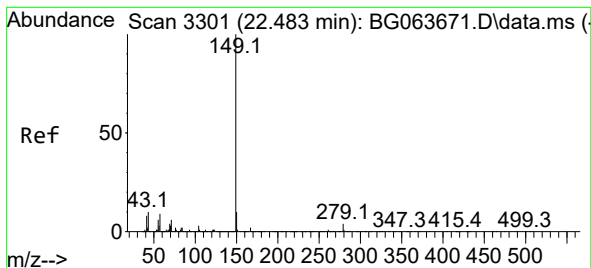


#87  
 Chrysene  
 Concen: 39.113 ng/ul m  
 RT: 21.511 min Scan# 3135  
 Delta R.T. 0.009 min  
 Lab File: BG063673.D  
 Acq: 13 Dec 2024 11:37



Tgt Ion:228 Resp: 2495077  
 Ion Ratio Lower Upper  
 228 100  
 226 31.9 23.4 35.0  
 229 22.2 14.8 22.2#





#89

Di-n-octyl phthalate

Concen: 59.895 ng/ul

RT: 22.504 min Scan# 31

Delta R.T. 0.015 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

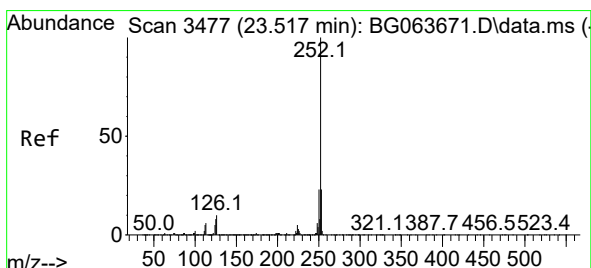
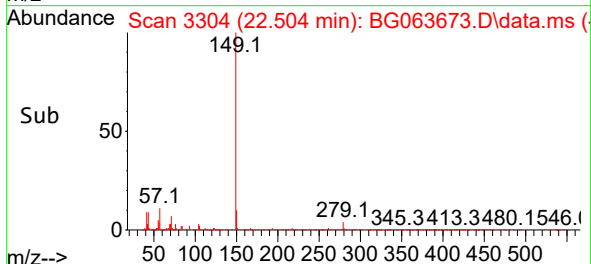
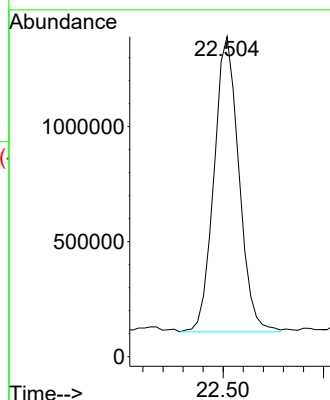
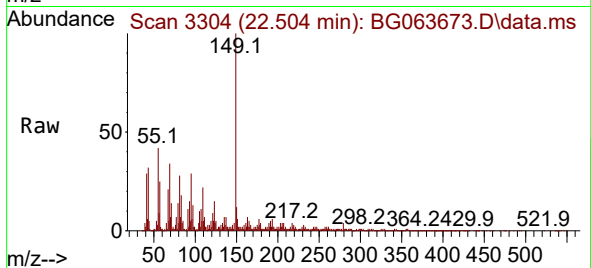
Tgt Ion:149 Resp: 220960

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#90

Benzo(b)fluoranthene

Concen: 44.559 ng/ul

RT: 23.556 min Scan# 3483

Delta R.T. 0.033 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

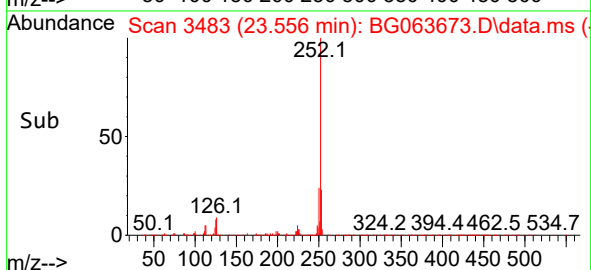
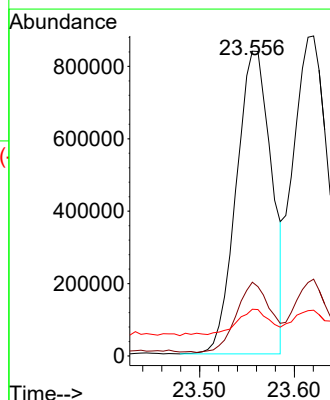
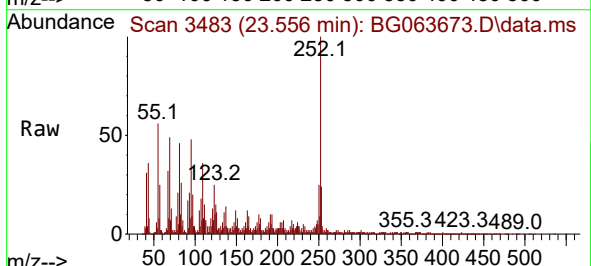
Tgt Ion:252 Resp: 2164597

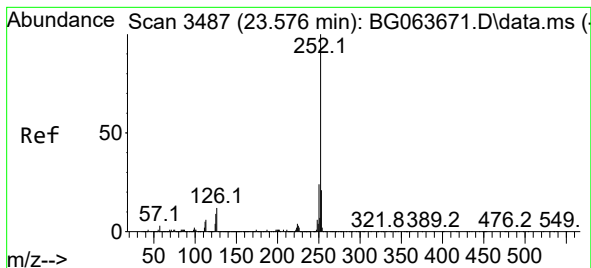
Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 15.3 7.0 10.4#





#91

Benzo(k)fluoranthene

Concen: 51.294 ng/ul

RT: 23.620 min Scan# 3487

Delta R.T. 0.033 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

Tgt Ion:252 Resp: 2485530

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

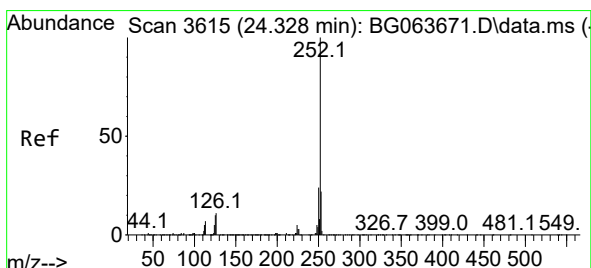
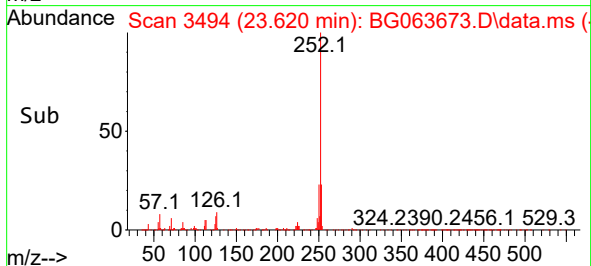
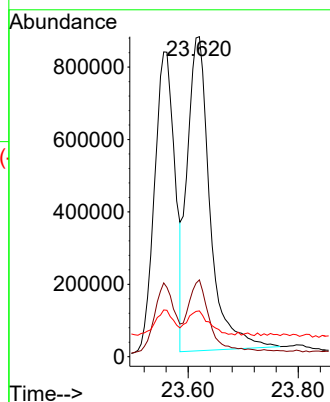
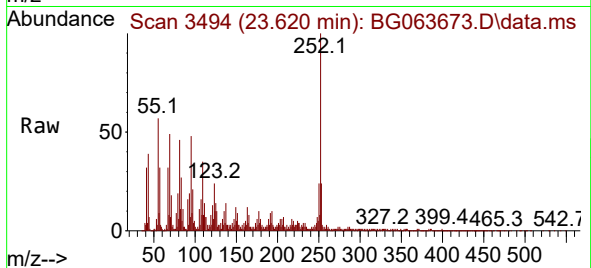
125 14.3 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#93

Benzo(a)pyrene

Concen: 40.702 ng/ul m

RT: 24.384 min Scan# 3624

Delta R.T. 0.045 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

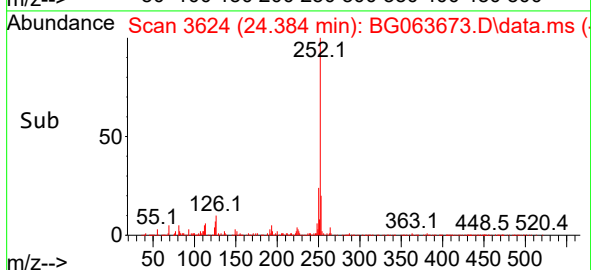
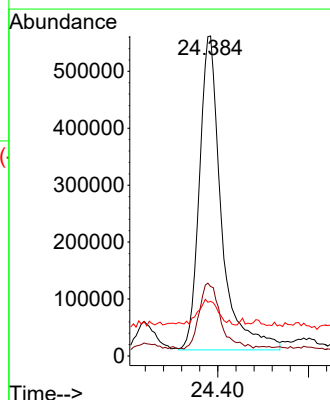
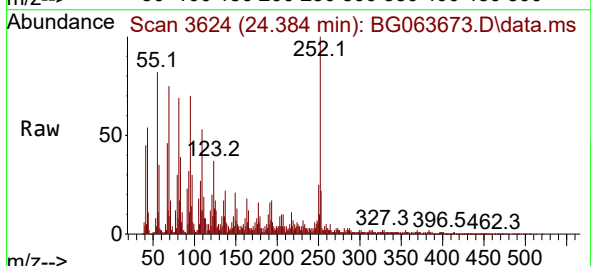
Tgt Ion:252 Resp: 1855863

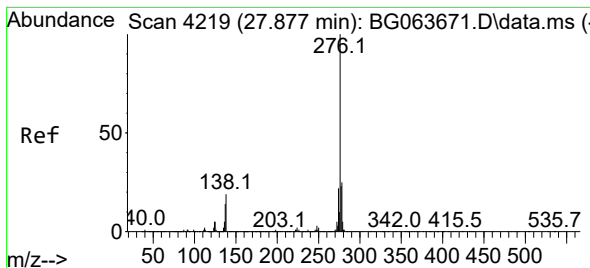
Ion Ratio Lower Upper

252 100

253 21.7 16.6 24.8

125 17.0 8.0 12.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 38.463 ng/ul m

RT: 27.968 min Scan# 4219

Delta R.T. 0.080 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

Instrument :

BNA\_G

ClientSampleId :

E28Q4MS

Tgt Ion:276 Resp: 2141828

Ion Ratio Lower Upper

276 100

138 22.7 13.7 20.5

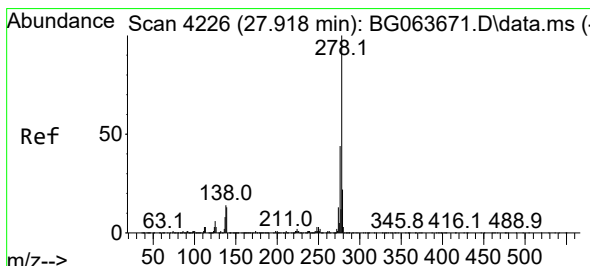
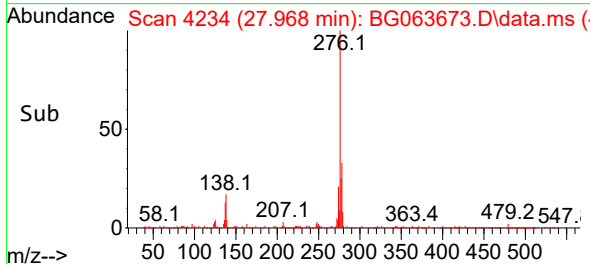
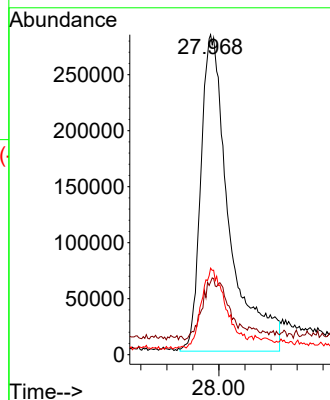
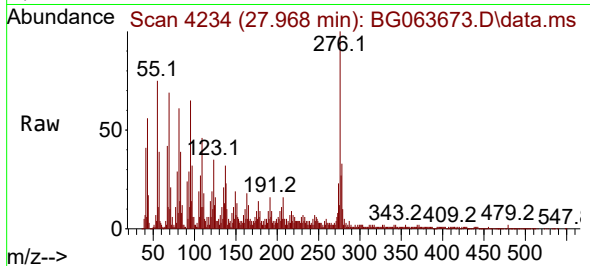
277 27.1 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#95

Dibenzo(a,h)anthracene

Concen: 38.969 ng/ul m

RT: 28.009 min Scan# 4241

Delta R.T. 0.074 min

Lab File: BG063673.D

Acq: 13 Dec 2024 11:37

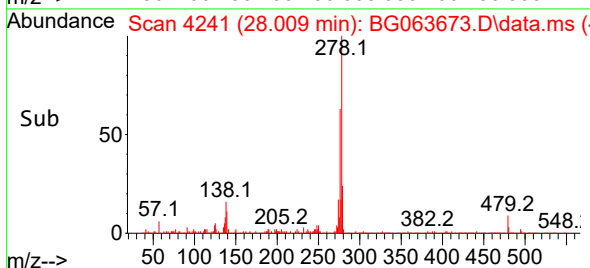
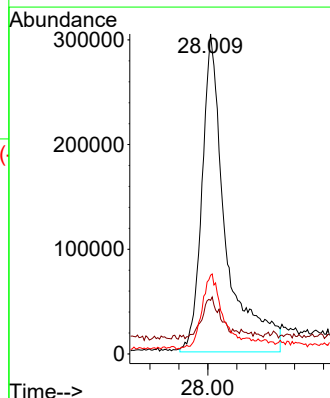
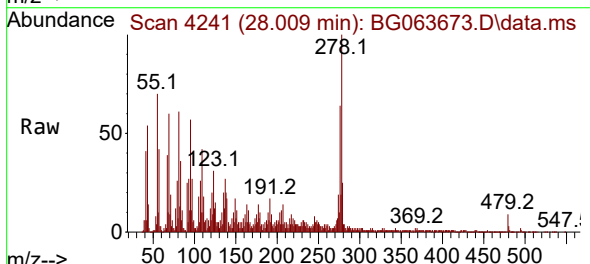
Tgt Ion:278 Resp: 1736306

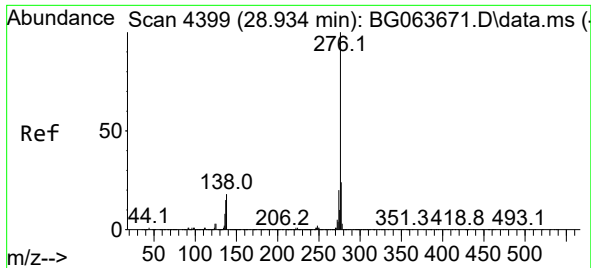
Ion Ratio Lower Upper

278 100

139 16.8 9.7 14.5

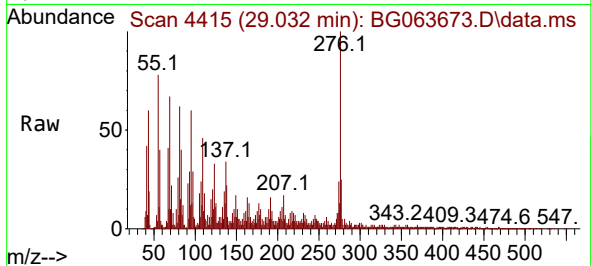
279 24.6 17.3 25.9





#96  
Benzo(g,h,i)perylene  
Concen: 35.431 ng/ul m  
RT: 29.032 min Scan# 44  
Delta R.T. 0.092 min  
Lab File: BG063673.D  
Acq: 13 Dec 2024 11:37

Instrument :  
BNA\_G  
ClientSampleId :  
E28Q4MS



Tgt Ion:276 Resp: 156557  
Ion Ratio Lower Upper  
276 100  
138 22.0 13.8 20.8  
277 25.0 17.8 26.8

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/14/2024  
Supervised By :mohammad ahmed 12/14/2024

