

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071024\  
 Data File : BG061998.D  
 Acq On : 10 Jul 2024 14:34  
 Operator : MA/JU  
 Sample : P3109-08MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 H0HC4MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024  
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 15:23:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 02:38:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.100  | 152  | 57545    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.908 | 136  | 281732   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.721 | 164  | 203420   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.459 | 188  | 454982   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.725 | 240  | 409355   | 20.000 | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 24.968 | 264  | 496745   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.493  | 96   | 4543m    | 2.967  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.253  | 99   | 52275    | 8.301  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.418  | 67   | 102249   | 25.639 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.630  | 132  | 117314   | 27.158 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.805  | 113  | 95993    | 19.360 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.269  | 128  | 70435    | 32.873 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.986  | 143  | 86128    | 35.199 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.532 | 165  | 167762   | 35.546 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.043 | 131  | 40294    | 5.881  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.122 | 166  | 587060   | 35.103 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.416 | 160  | 600402   | 34.334 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.921 | 143  | 31086    | 11.640 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.708 | 176  | 497642   | 35.347 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.826 | 200  | 105247   | 44.046 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.565 | 188  | 773733   | 36.424 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.845 | 212  | 878388   | 36.481 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.745 | 264  | 972873   | 39.490 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.517  | 88   | 6451     | 3.817  | ng/uL# | 81       |
| 6) Benzaldehyde               | 7.230  | 77   | 66768    | 20.032 | ng/u1  | 94       |
| 8) Phenol                     | 7.277  | 94   | 60858    | 9.439  | ng/u1# | 88       |
| 10) Bis(2-Chloroethyl)ether   | 7.512  | 93   | 128058   | 25.854 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.659  | 128  | 123467   | 28.055 | ng/u1  | 92       |
| 13) 2-Methylphenol            | 8.540  | 108  | 102935   | 22.368 | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.617  | 45   | 265265   | 24.514 | ng/u1  | 96       |
| 16) Acetophenone              | 8.922  | 105  | 229093   | 27.971 | ng/u1  | 95       |
| 17) N-Nitroso-di-n-propyla... | 8.899  | 70   | 122269   | 26.665 | ng/u1  | 90       |
| 18) 4-Methylphenol            | 8.863  | 108  | 102251   | 19.841 | ng/u1  | 98       |
| 19) Hexachloroethane          | 9.181  | 117  | 53282    | 27.909 | ng/u1# | 84       |
| 22) Nitrobenzene              | 9.310  | 77   | 188952   | 31.067 | ng/u1  | 97       |
| 23) Isophorone                | 9.833  | 82   | 374760m  | 27.274 | ng/u1  |          |
| 25) 2-Nitrophenol             | 10.015 | 139  | 81622    | 32.710 | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 10.074 | 107  | 136674   | 22.886 | ng/u1  | 88       |
| 27) Bis(2-Chloroethoxy)met... | 10.309 | 93   | 201522   | 26.632 | ng/u1  | 97       |
| 29) 2,4-Dichlorophenol        | 10.555 | 162  | 155065   | 34.977 | ng/u1  | 90       |
| 30) Naphthalene               | 10.961 | 128  | 477654   | 30.865 | ng/u1  | 95       |
| 32) 4-Chloroaniline           | 11.073 | 127  | 54577    | 8.117  | ng/u1  | 92       |
| 33) Hexachlorobutadiene       | 11.231 | 225  | 114057   | 34.188 | ng/u1  | 91       |
| 34) Caprolactam               | 11.919 | 113  | 6790m    | 3.909  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.183 | 107  | 205173   | 34.749 | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.559 | 142  | 363632   | 32.433 | ng/u1  | 94       |
| 37) 1-Methylnaphthalene       | 12.776 | 142  | 379739   | 32.592 | ng/u1  | 94       |

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Quant Time: Jul 10 15:23:51 2024  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 02:38:46 2024  
 Response via : Initial Calibration

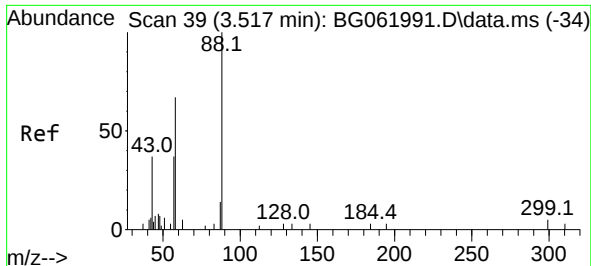
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024  
 Supervised By :mohammad ahmed 07/11/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 39) 1,2,4,5-Tetrachloroben... | 12.917 | 216  | 219534   | 35.938 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.894 | 237  | 59759    | 14.695 | ng/ul  | 94       |
| 41) 2,4,6-Trichlorophenol     | 13.158 | 196  | 146234   | 36.041 | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 13.229 | 196  | 164270   | 36.856 | ng/ul  | 89       |
| 43) 1,1'-Biphenyl             | 13.558 | 154  | 516197   | 32.935 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.605 | 162  | 390668   | 33.212 | ng/ul  | 93       |
| 45) 2-Nitroaniline            | 13.805 | 65   | 183394   | 38.932 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 14.169 | 163  | 541426   | 33.659 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.298 | 165  | 120138   | 39.369 | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.445 | 152  | 619289   | 32.267 | ng/ul  | 96       |
| 51) 3-Nitroaniline            | 14.627 | 138  | 96408    | 32.456 | ng/ul  | 84       |
| 52) Acenaphthene              | 14.786 | 153  | 443040   | 33.430 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.833 | 184  | 62043    | 38.916 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.933 | 109  | 42128    | 13.821 | ng/ul  | 92       |
| 56) Dibenzofuran              | 15.115 | 168  | 639480   | 34.141 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 15.080 | 165  | 175598   | 39.238 | ng/ul# | 87       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.338 | 232  | 151876   | 37.736 | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.526 | 149  | 589768   | 34.023 | ng/ul  | 95       |
| 61) Fluorene                  | 15.767 | 166  | 547803   | 34.390 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.749 | 204  | 279900   | 34.982 | ng/ul  | 93       |
| 63) 4-Nitroaniline            | 15.791 | 138  | 108250   | 35.915 | ng/ul# | 83       |
| 66) 4,6-Dinitro-2-methylph... | 15.843 | 198  | 108591   | 42.227 | ng/ul# | 87       |
| 67) N-Nitrosodiphenylamine    | 15.967 | 169  | 474513   | 38.189 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.648 | 248  | 200164   | 38.779 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.760 | 284  | 233766   | 39.386 | ng/ul  | 96       |
| 70) Atrazine                  | 16.919 | 200  | 127072   | 25.907 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 17.107 | 266  | 129575   | 39.717 | ng/ul  | 93       |
| 72) Phenanthrene              | 17.506 | 178  | 872983   | 36.389 | ng/ul  | 99       |
| 74) Anthracene                | 17.594 | 178  | 875416   | 35.309 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.523 | 216  | 232929   | 41.220 | ng/ul  | 97       |
| 76) Pentachlorobenzene        | 15.033 | 250  | 236397   | 36.678 | ng/ul  | 98       |
| 77) Carbazole                 | 17.865 | 167  | 770988   | 36.951 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.411 | 149  | 972235   | 36.293 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.521 | 202  | 1017484  | 35.708 | ng/ul  | 95       |
| 82) Pyrene                    | 19.874 | 202  | 1052606  | 35.761 | ng/ul# | 93       |
| 83) Butylbenzylphthalate      | 20.744 | 149  | 441082   | 35.706 | ng/ul  | 94       |
| 84) 3,3'-Dichlorobenzidine    | 21.613 | 252  | 243611   | 25.015 | ng/ul  | 94       |
| 85) Benzo(a)anthracene        | 21.707 | 228  | 1105351  | 37.294 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.595 | 149  | 626699   | 35.355 | ng/ul# | 99       |
| 87) Chrysene                  | 21.772 | 228  | 1052875  | 37.947 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.812 | 149  | 1090949  | 35.948 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.940 | 252  | 1191392m | 38.068 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 24.004 | 252  | 1157110  | 37.076 | ng/ul# | 97       |
| 93) Benzo(a)pyrene            | 24.821 | 252  | 1001516  | 33.794 | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.675 | 276  | 1464654  | 38.674 | ng/ul# | 93       |
| 95) Dibenzo(a,h)anthracene    | 28.740 | 278  | 1179498  | 37.709 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 29.839 | 276  | 1110977m | 36.873 | ng/ul  |          |

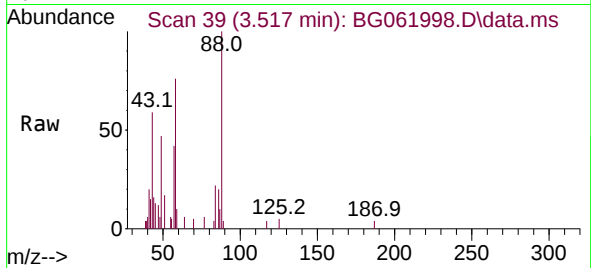
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 3.817 ng/uL  
RT: 3.517 min Scan# 39  
Delta R.T. -0.006 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

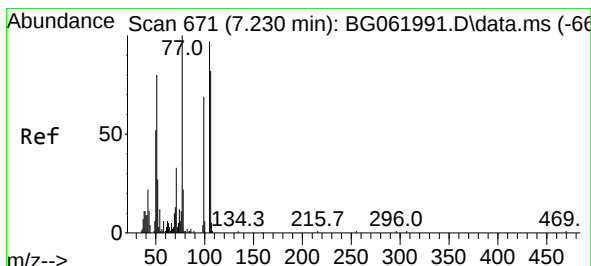
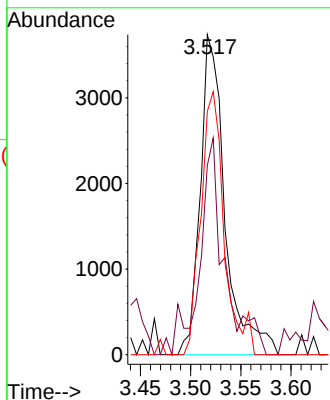
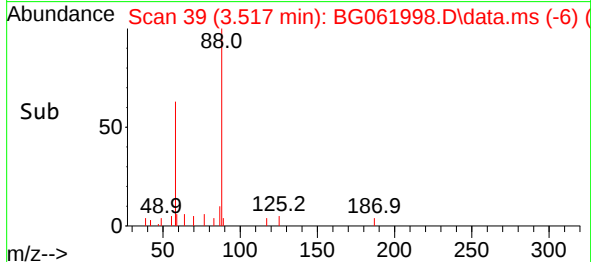
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion: 88 Resp: 645  
Ion Ratio Lower Upper  
88 100  
43 59.1 39.4 59.2  
58 76.1 78.1 117.1

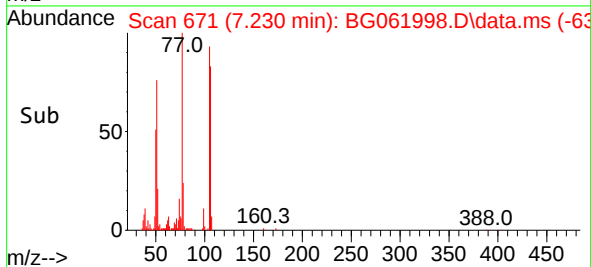
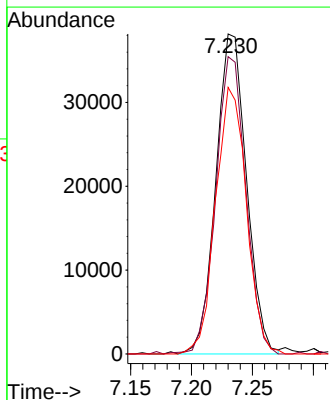
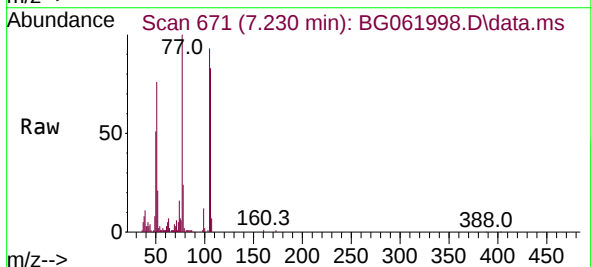
Manual Integrations  
APPROVED

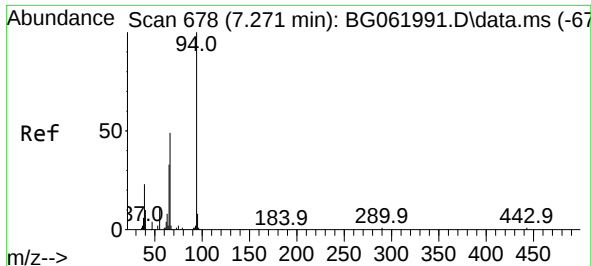
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#6  
Benzaldehyde  
Concen: 20.032 ng/uL  
RT: 7.230 min Scan# 671  
Delta R.T. -0.006 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion: 77 Resp: 66768  
Ion Ratio Lower Upper  
77 100  
105 92.9 79.6 119.4  
106 83.3 62.6 93.8





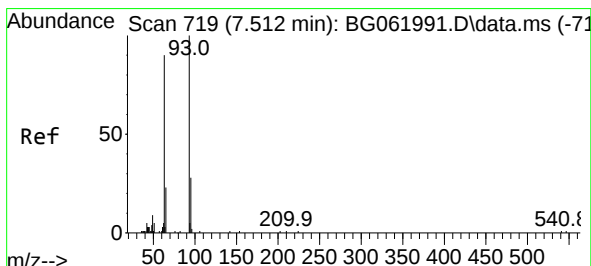
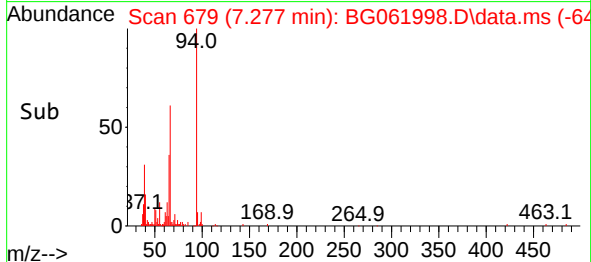
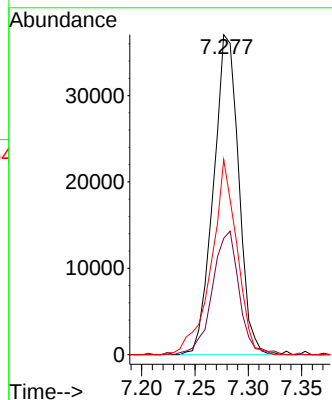
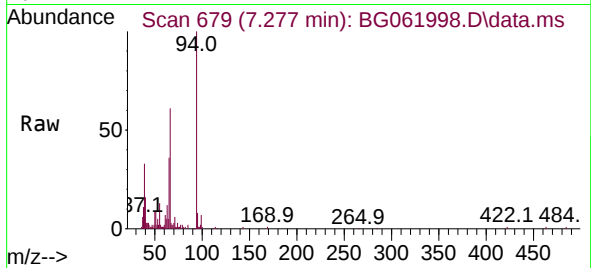
#8  
Phenol  
Concen: 9.439 ng/ul  
RT: 7.277 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion: 94 Resp: 60858  
Ion Ratio Lower Upper  
94 100  
65 36.4 29.0 43.4  
66 60.9 37.4 56.2

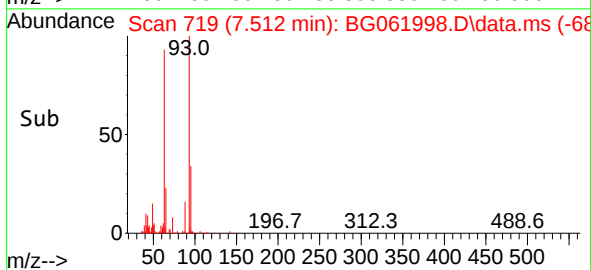
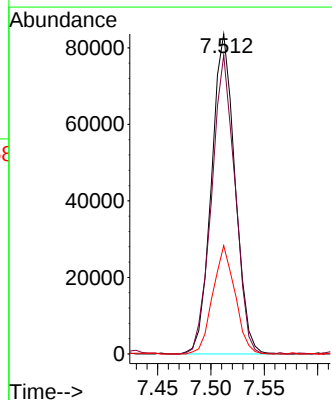
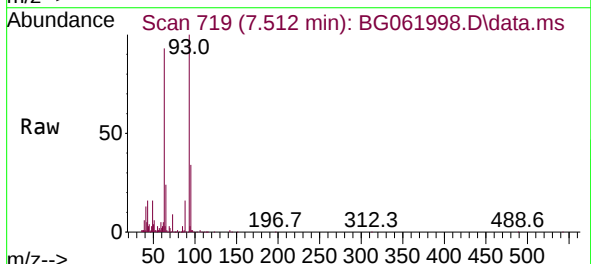
Manual Integrations  
APPROVED

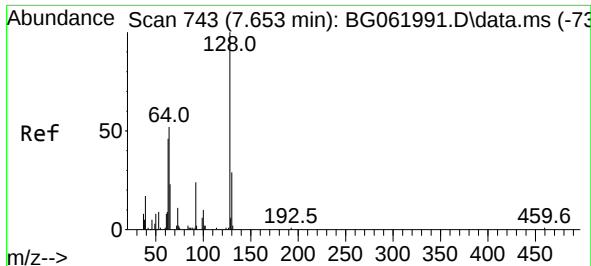
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#10  
Bis(2-Chloroethyl)ether  
Concen: 25.854 ng/ul  
RT: 7.512 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

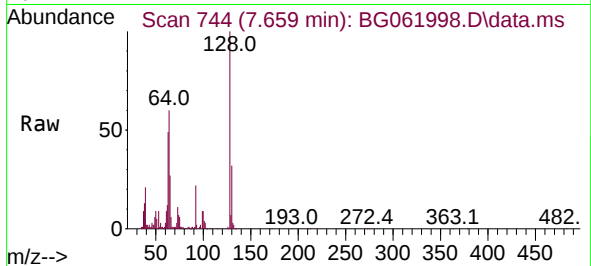
Tgt Ion: 93 Resp: 128058  
Ion Ratio Lower Upper  
93 100  
63 93.4 72.2 108.2  
95 33.8 26.7 40.1





#12  
2-Chlorophenol  
Concen: 28.055 ng/ul  
RT: 7.659 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

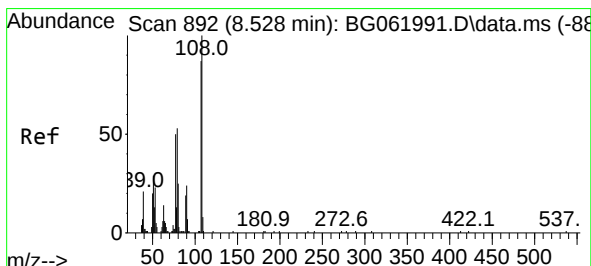
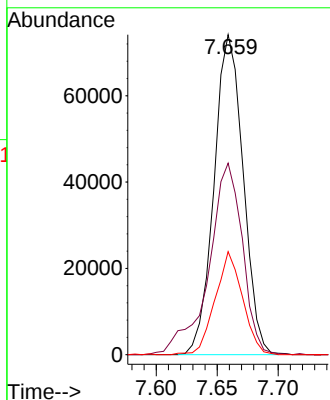
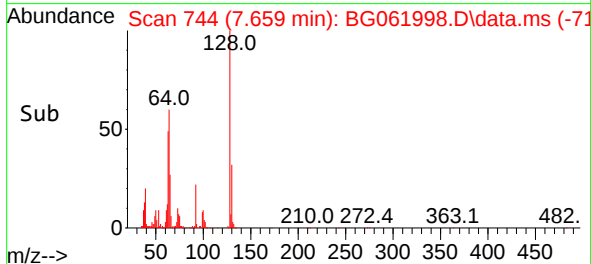
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion:128 Resp: 12346  
Ion Ratio Lower Upper  
128 100  
64 59.8 42.6 63.8  
130 32.2 23.3 34.9

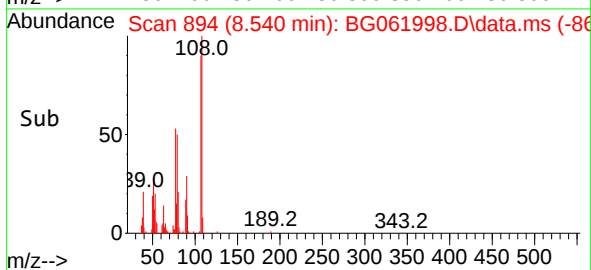
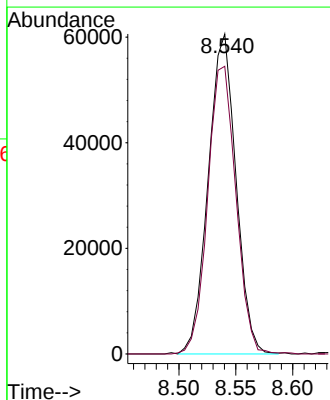
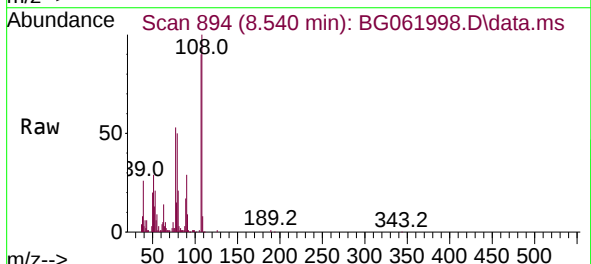
Manual Integrations  
APPROVED

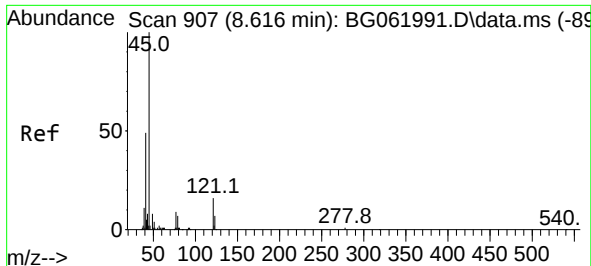
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#13  
2-Methylphenol  
Concen: 22.368 ng/ul  
RT: 8.540 min Scan# 894  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:108 Resp: 102935  
Ion Ratio Lower Upper  
108 100  
107 89.9 74.9 112.3





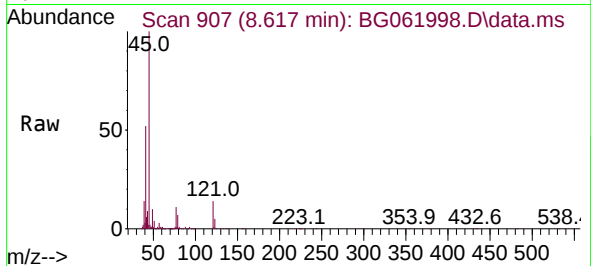
#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 24.514 ng/ul  
RT: 8.617 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

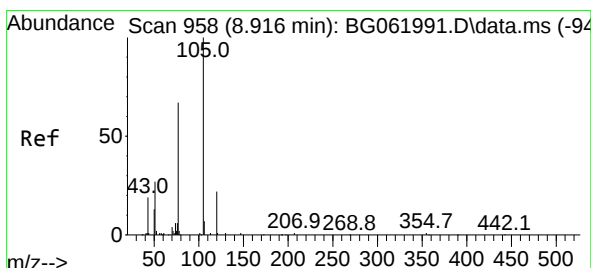
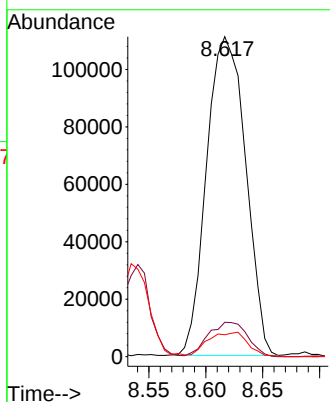
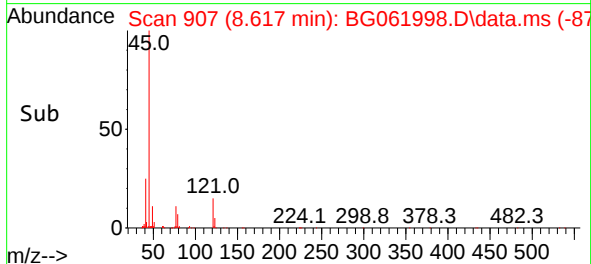
H0HC4MSD



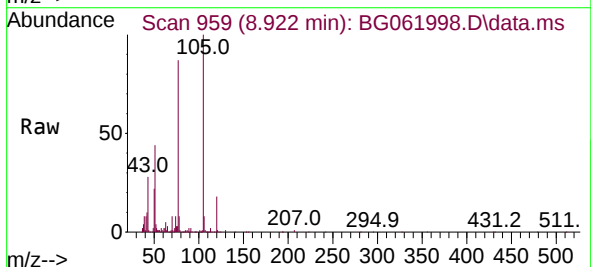
Tgt Ion: 45 Resp: 26526  
Ion Ratio Lower Upper  
45 100  
77 10.7 7.4 11.0  
79 6.9 4.8 7.2

Manual Integrations  
APPROVED

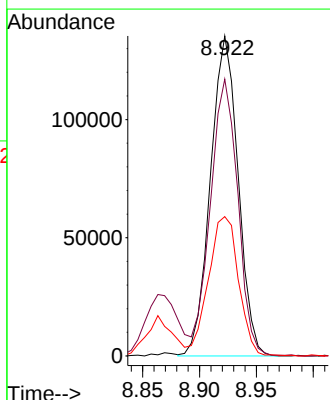
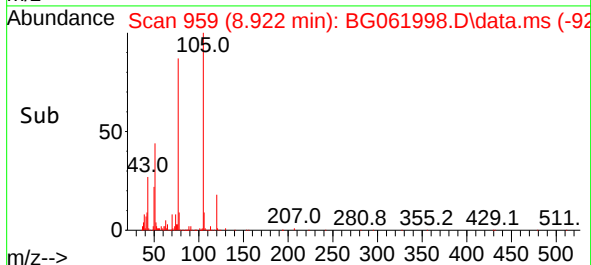
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024

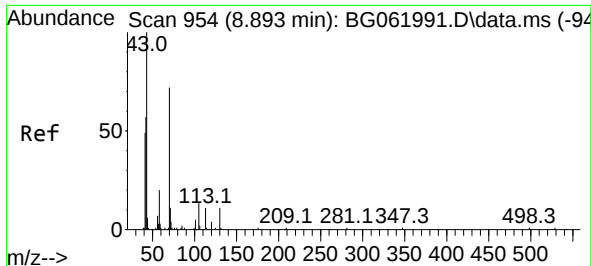


#16  
Acetophenone  
Concen: 27.971 ng/ul  
RT: 8.922 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34



Tgt Ion:105 Resp: 229093  
Ion Ratio Lower Upper  
105 100  
77 86.5 64.1 96.1  
51 43.6 33.8 50.8





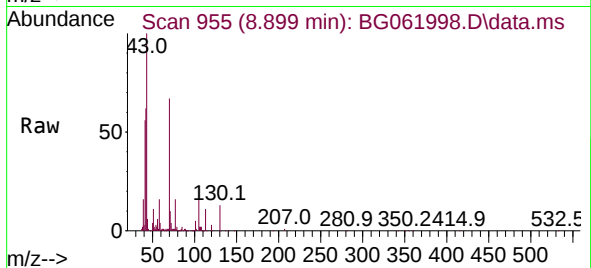
#17  
N-Nitroso-di-n-propylamine  
Concen: 26.665 ng/ul  
RT: 8.899 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD



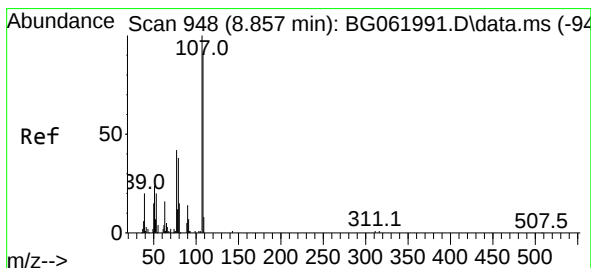
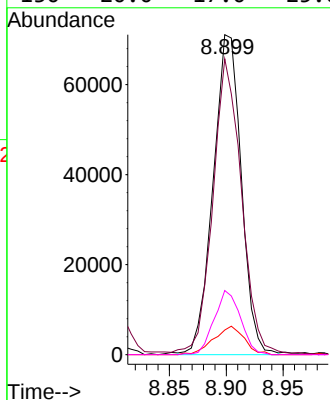
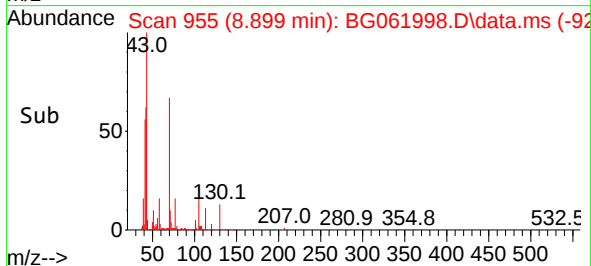
Tgt Ion: 70 Resp: 122269  
Ion Ratio Lower Upper  
70 100  
42 92.5 64.7 97.1  
101 7.7 7.3 10.9  
130 20.0 17.0 25.6

Manual Integrations

APPROVED

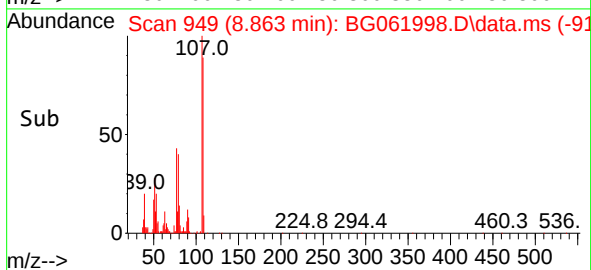
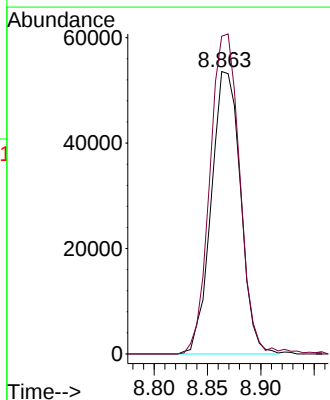
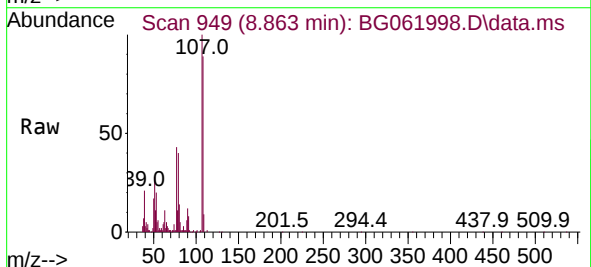
Reviewed By :Yogesh Patel 07/11/2024

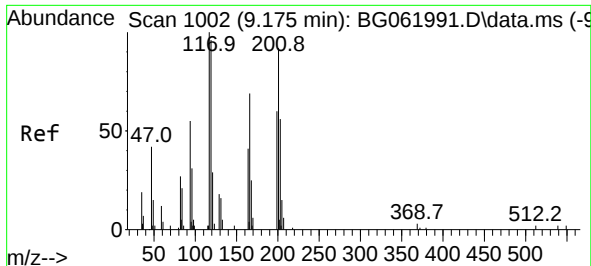
Supervised By :mohammad ahmed 07/11/2024



#18  
4-Methylphenol  
Concen: 19.841 ng/ul  
RT: 8.863 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

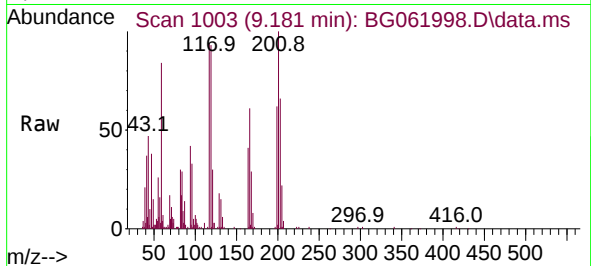
Tgt Ion:108 Resp: 102251  
Ion Ratio Lower Upper  
108 100  
107 112.5 88.4 132.6





#19  
Hexachloroethane  
Concen: 27.909 ng/ul  
RT: 9.181 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

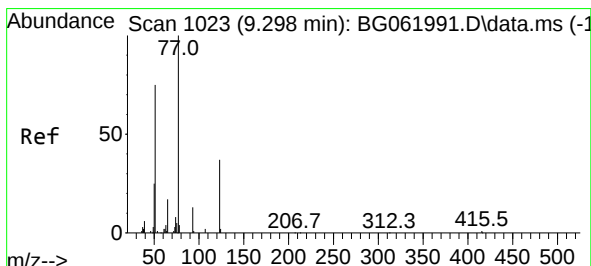
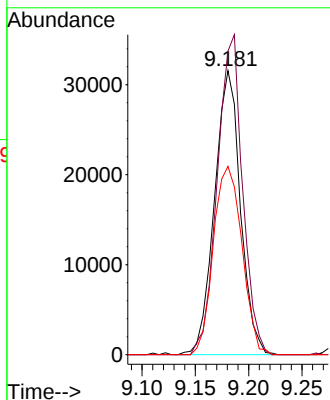
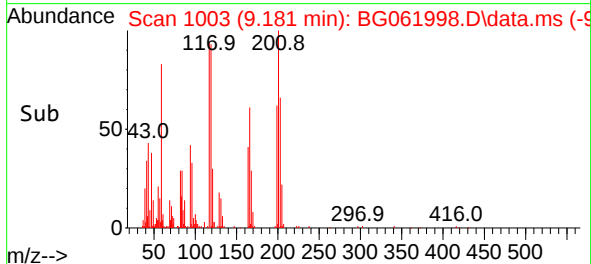
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion:117 Resp: 5328  
Ion Ratio Lower Upper  
117 100  
201 106.9 69.3 103.9  
199 66.3 48.9 73.3

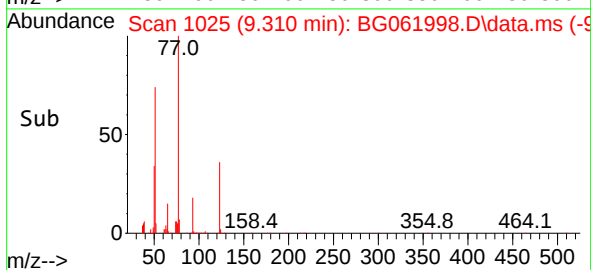
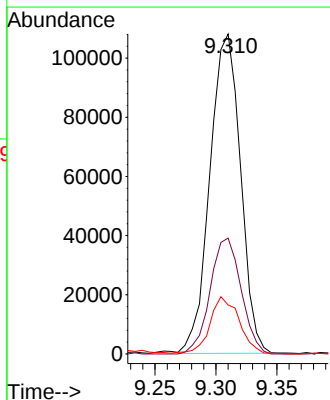
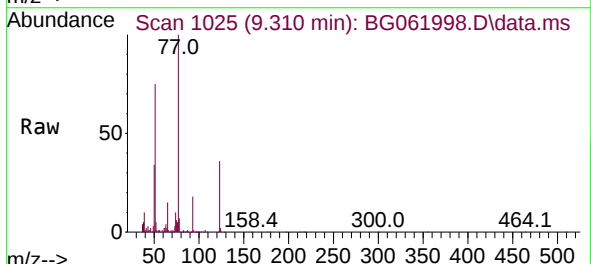
Manual Integrations  
APPROVED

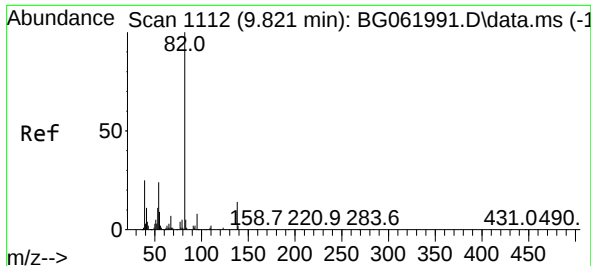
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#22  
Nitrobenzene  
Concen: 31.067 ng/ul  
RT: 9.310 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

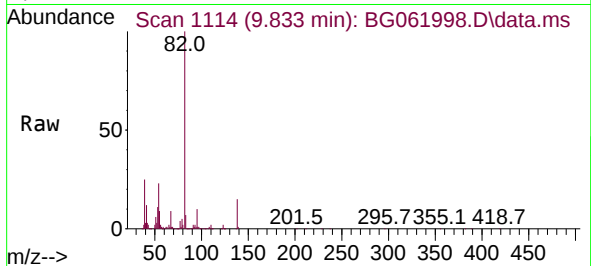
Tgt Ion: 77 Resp: 188952  
Ion Ratio Lower Upper  
77 100  
123 36.2 31.0 46.6  
65 15.3 12.7 19.1





#23  
Isophorone  
Concen: 27.274 ng/ul m  
RT: 9.833 min Scan# 1112  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

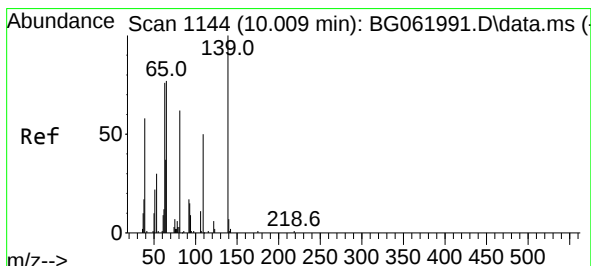
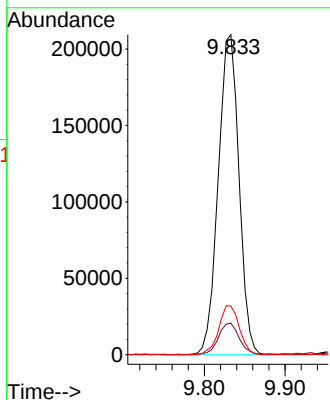
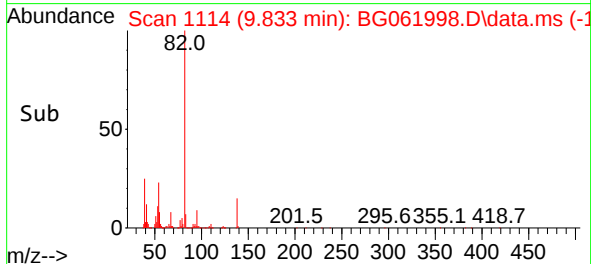
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion: 82 Resp: 374760  
Ion Ratio Lower Upper  
82 100  
95 9.8 6.0 9.0  
138 15.2 11.9 17.9

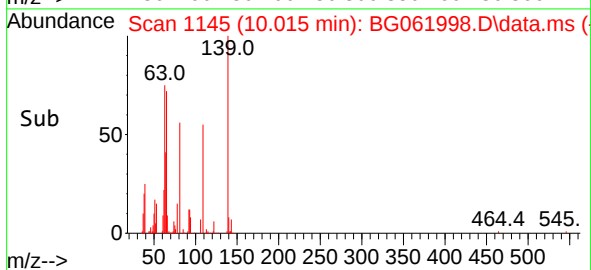
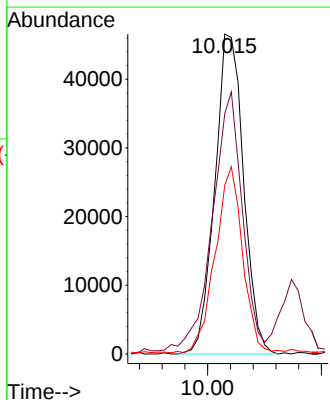
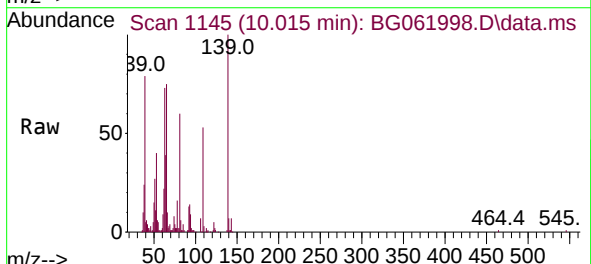
Manual Integrations  
APPROVED

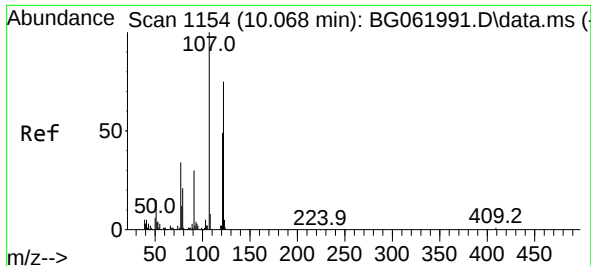
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#25  
2-Nitrophenol  
Concen: 32.710 ng/ul  
RT: 10.015 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

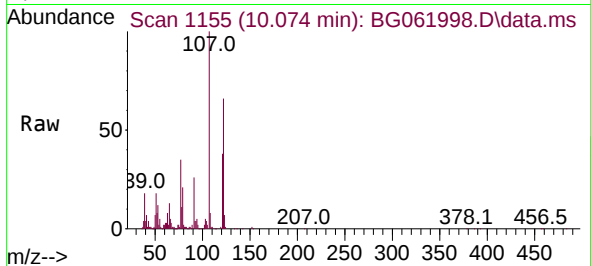
Tgt Ion:139 Resp: 81622  
Ion Ratio Lower Upper  
139 100  
65 75.1 61.6 92.4  
109 52.7 35.4 53.2





#26  
2,4-Dimethylphenol  
Concen: 22.886 ng/ul  
RT: 10.074 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

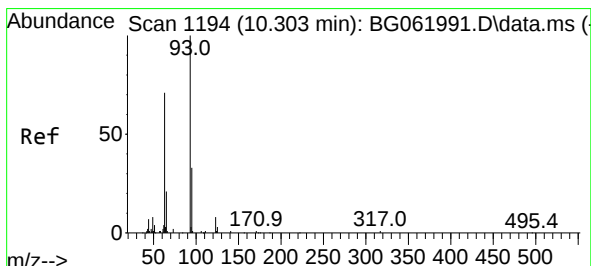
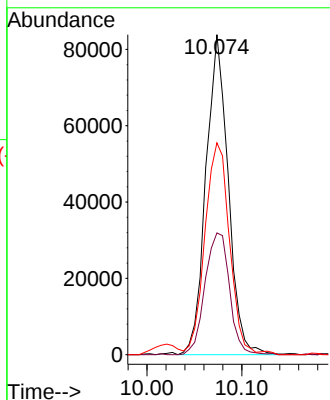
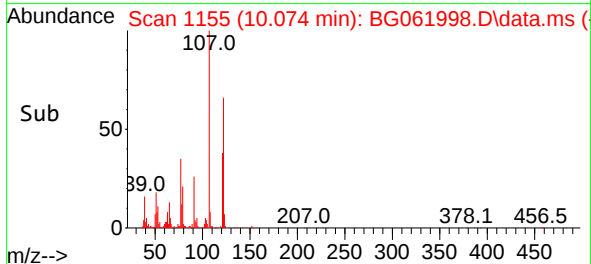
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



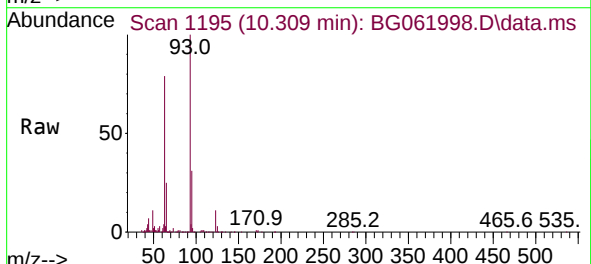
Tgt Ion:107 Resp: 136674  
Ion Ratio Lower Upper  
107 100  
121 38.0 35.6 53.4  
122 66.2 62.2 93.2

Manual Integrations  
APPROVED

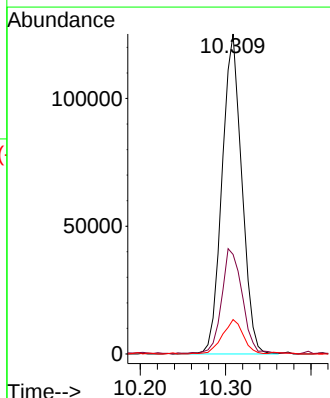
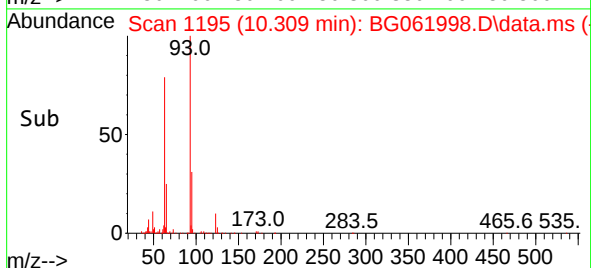
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024

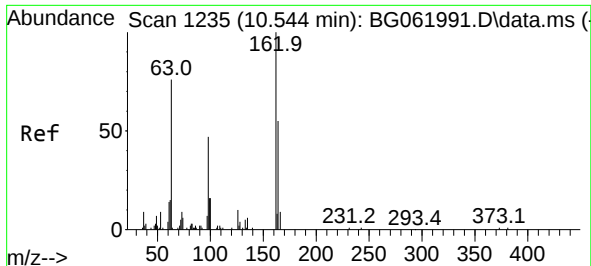


#27  
Bis(2-Chloroethoxy)methane  
Concen: 26.632 ng/ul  
RT: 10.309 min Scan# 1195  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34



Tgt Ion: 93 Resp: 201522  
Ion Ratio Lower Upper  
93 100  
95 31.1 26.2 39.2  
123 10.7 7.5 11.3





#29  
2,4-Dichlorophenol  
Concen: 34.977 ng/ul  
RT: 10.555 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

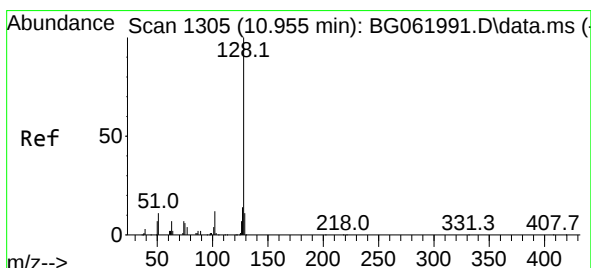
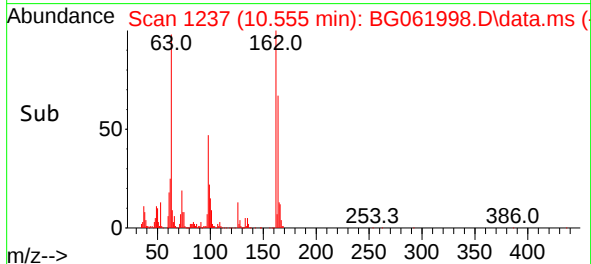
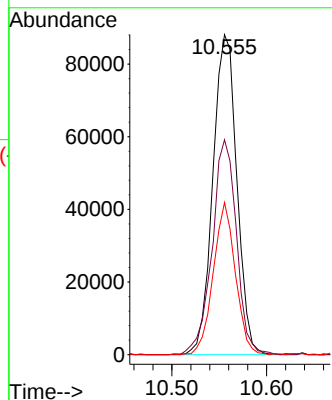
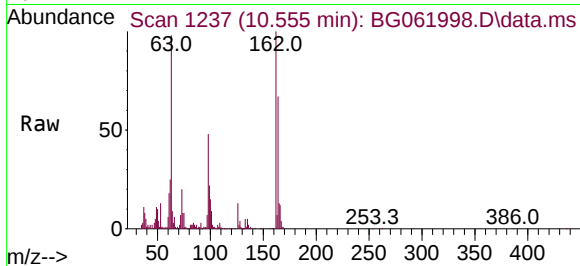
ClientSampleId :

H0HC4MSD

Tgt Ion:162 Resp: 15506  
Ion Ratio Lower Upper  
162 100  
164 67.2 46.9 70.3  
98 47.5 33.4 50.2

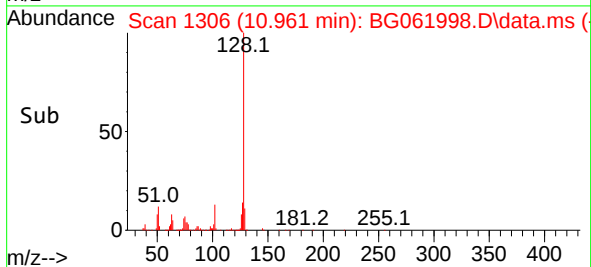
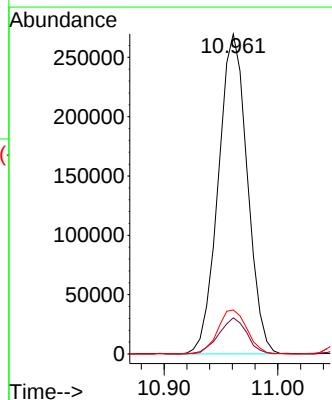
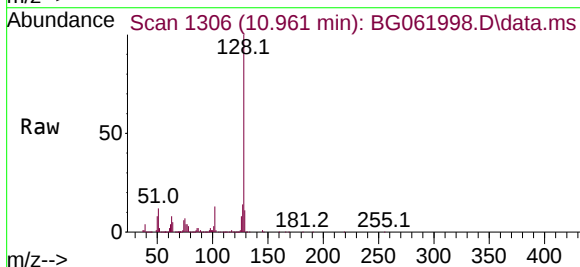
Manual Integrations  
APPROVED

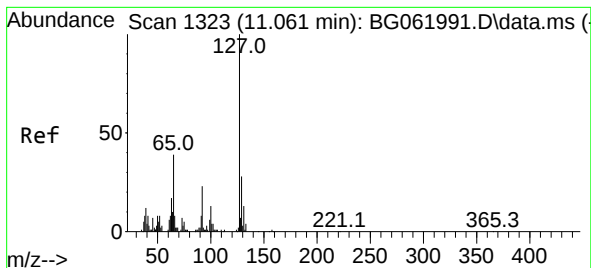
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#30  
Naphthalene  
Concen: 30.865 ng/ul  
RT: 10.961 min Scan# 1306  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:128 Resp: 477654  
Ion Ratio Lower Upper  
128 100  
129 11.3 7.7 11.5  
127 13.7 9.6 14.4





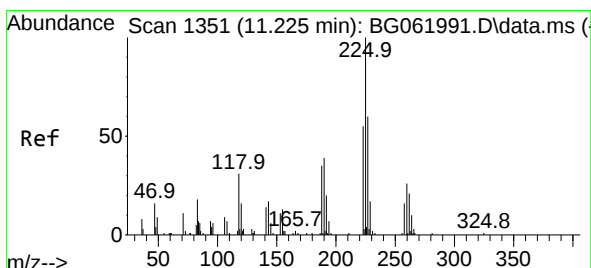
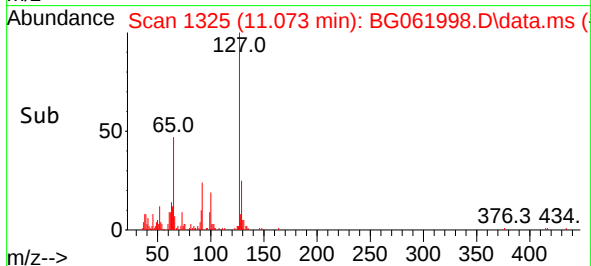
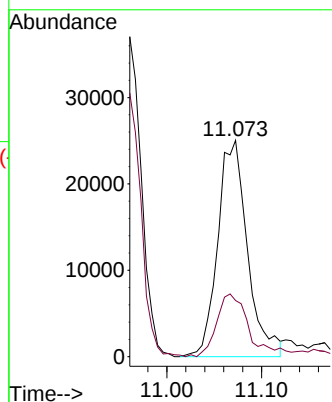
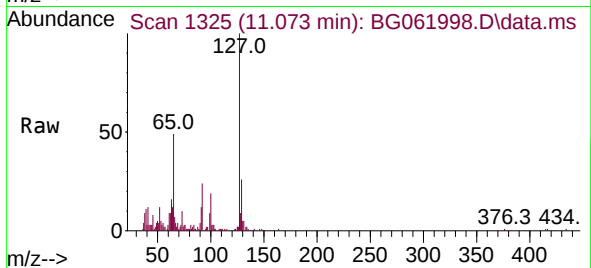
#32  
4-Chloroaniline  
Concen: 8.117 ng/ul  
RT: 11.073 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:127 Resp: 5457  
Ion Ratio Lower Upper  
127 100  
129 26.0 24.2 36.4

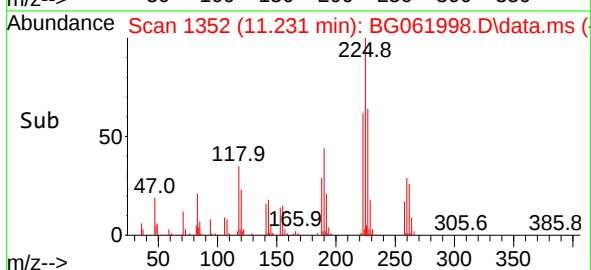
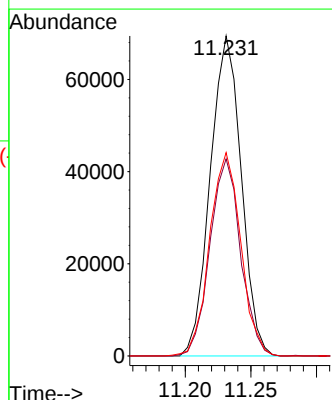
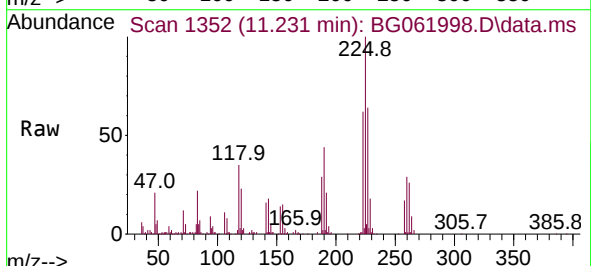
Manual Integrations  
APPROVED

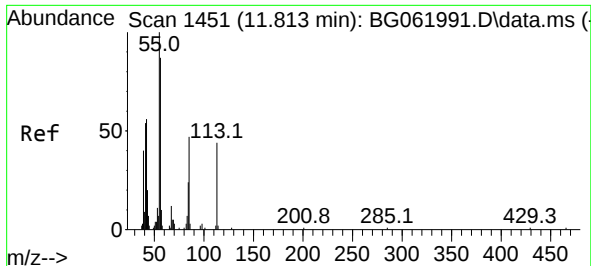
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#33  
Hexachlorobutadiene  
Concen: 34.188 ng/ul  
RT: 11.231 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

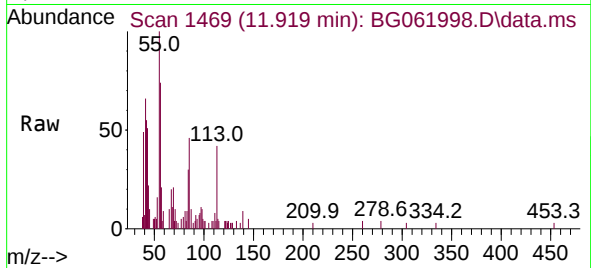
Tgt Ion:225 Resp: 114057  
Ion Ratio Lower Upper  
225 100  
223 61.6 45.4 68.2  
227 63.6 44.0 66.0





#34  
Caprolactam  
Concen: 3.909 ng/ul m  
RT: 11.919 min Scan# 1451  
Delta R.T. 0.076 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

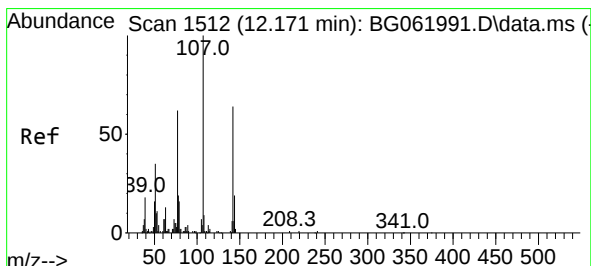
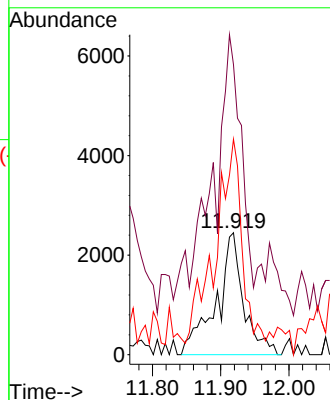
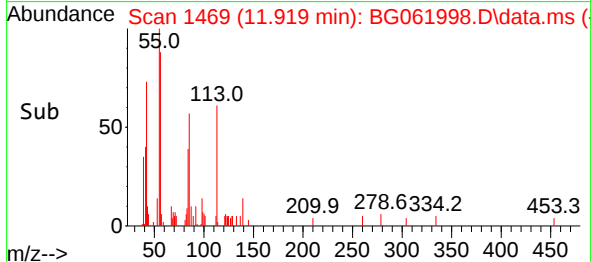
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion:113 Resp: 6790  
Ion Ratio Lower Upper  
113 100  
55 238.0 184.6 276.8  
56 176.8 135.0 202.6

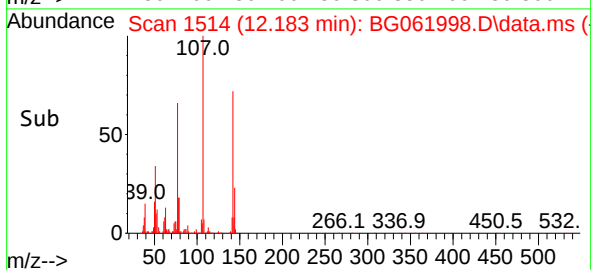
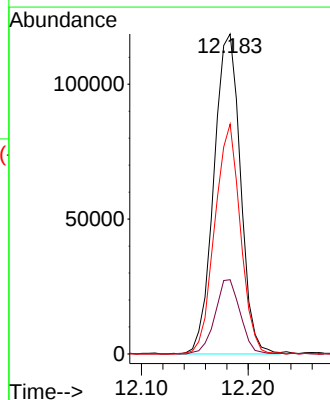
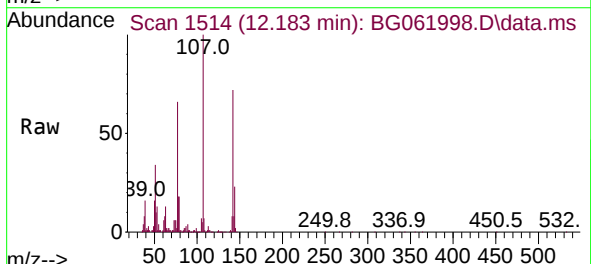
Manual Integrations  
APPROVED

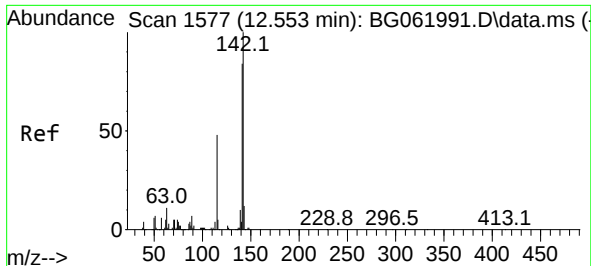
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#35  
4-Chloro-3-methylphenol  
Concen: 34.749 ng/ul  
RT: 12.183 min Scan# 1514  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:107 Resp: 205173  
Ion Ratio Lower Upper  
107 100  
144 23.2 19.6 29.4  
142 71.8 60.3 90.5





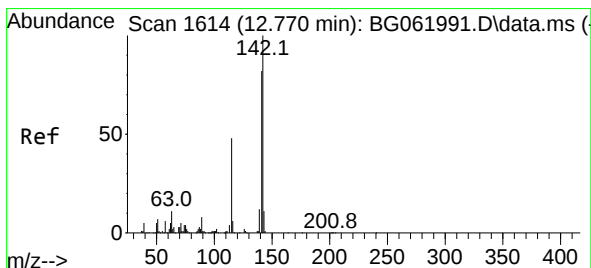
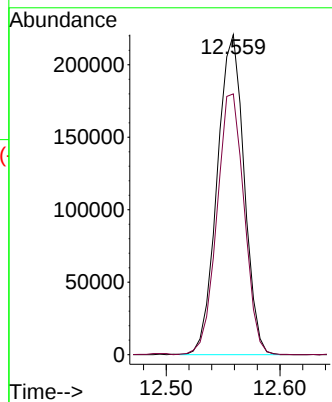
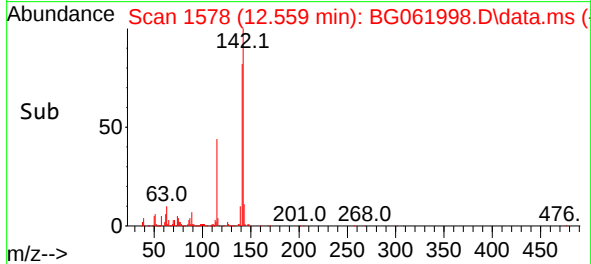
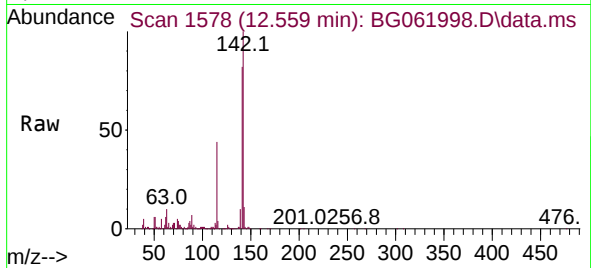
#36  
2-Methylnaphthalene  
Concen: 32.433 ng/ul  
RT: 12.559 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:142 Resp: 363632  
Ion Ratio Lower Upper  
142 100  
141 81.5 69.4 104.2

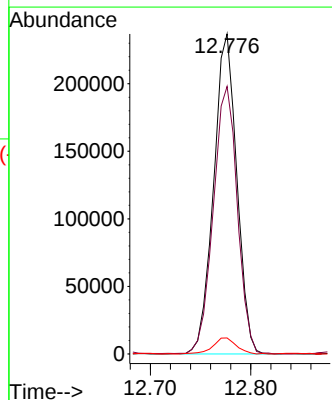
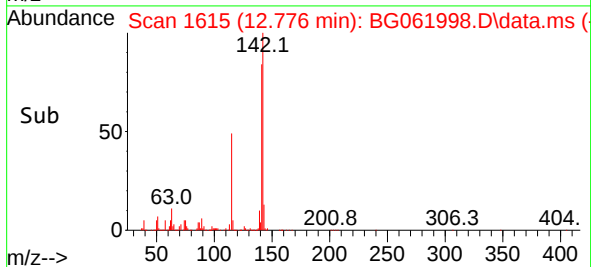
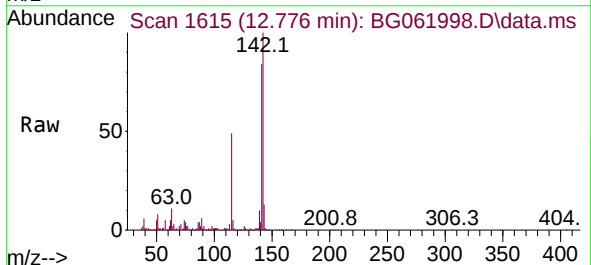
Manual Integrations  
APPROVED

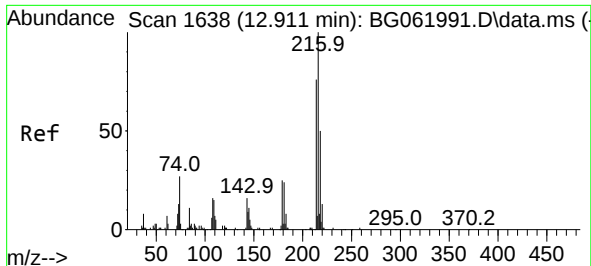
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#37  
1-Methylnaphthalene  
Concen: 32.592 ng/ul  
RT: 12.776 min Scan# 1615  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:142 Resp: 379739  
Ion Ratio Lower Upper  
142 100  
141 83.6 71.4 107.2  
116 5.0 3.8 5.8





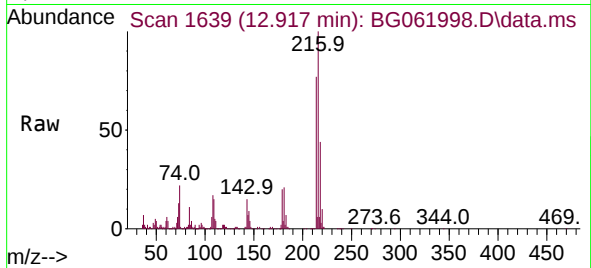
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 35.938 ng/ul  
RT: 12.917 min Scan# 1638  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD



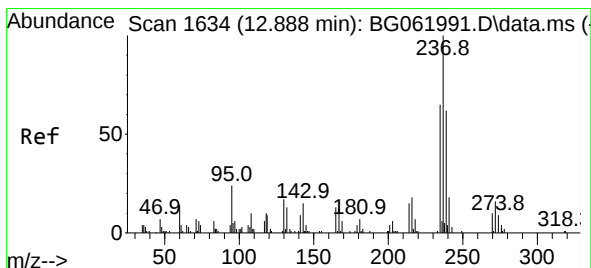
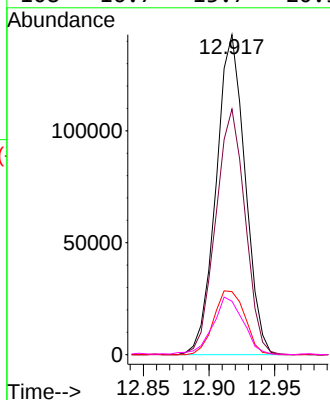
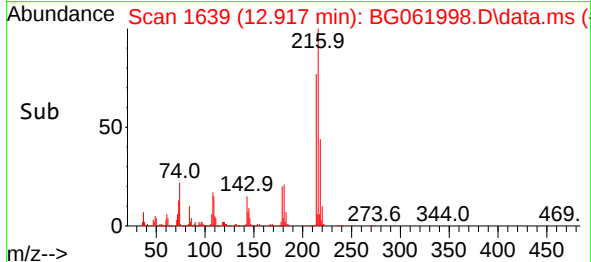
Tgt Ion:216 Resp: 219534  
Ion Ratio Lower Upper  
216 100  
214 76.8 62.5 93.7  
179 19.7 18.6 27.8  
108 16.7 13.7 20.5

Manual Integrations

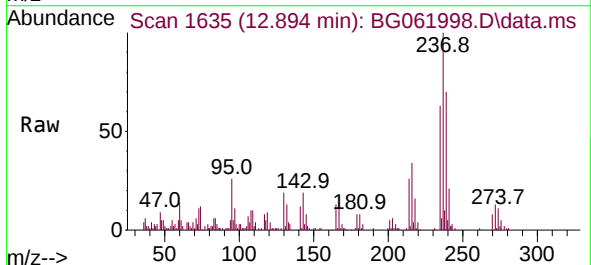
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

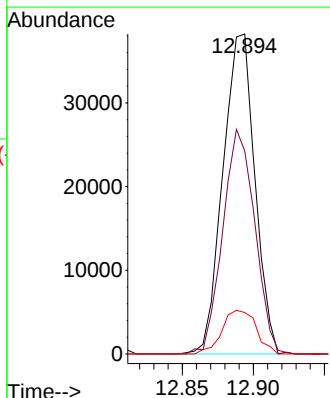
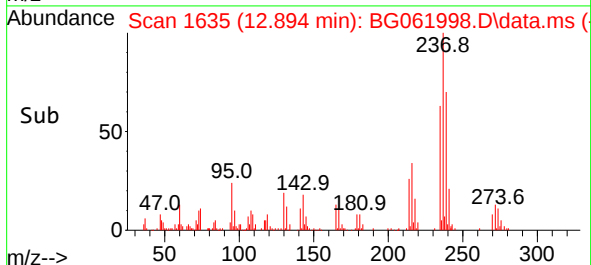
Supervised By :mohammad ahmed 07/11/2024

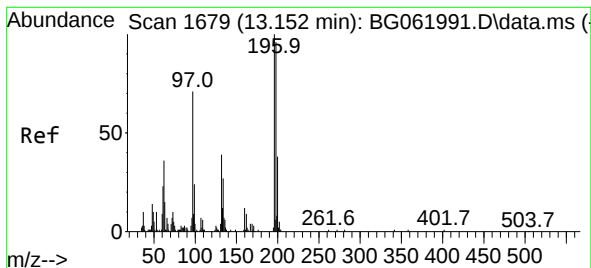


#40  
Hexachlorocyclopentadiene  
Concen: 14.695 ng/ul  
RT: 12.894 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34



Tgt Ion:237 Resp: 59759  
Ion Ratio Lower Upper  
237 100  
235 69.5 51.7 77.5  
272 13.7 12.4 18.6





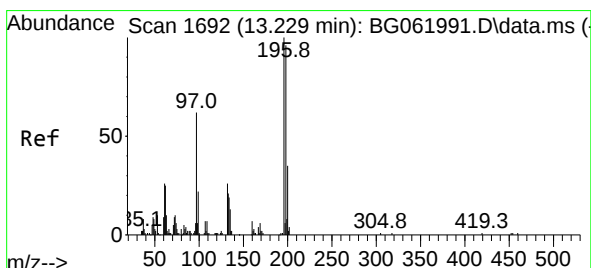
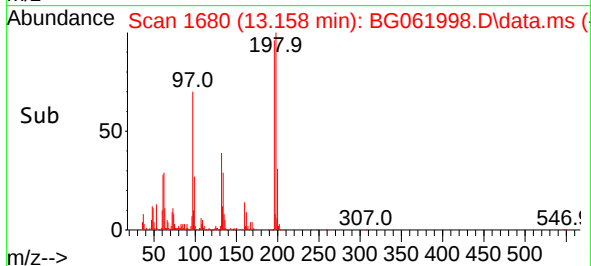
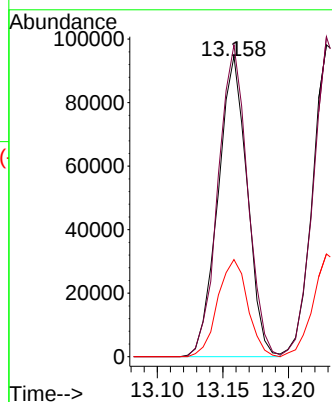
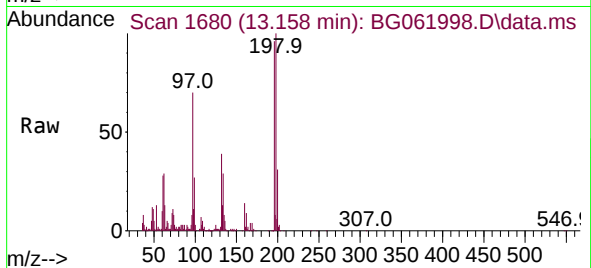
#41  
2,4,6-Trichlorophenol  
Concen: 36.041 ng/ul  
RT: 13.158 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:196 Resp: 146234  
Ion Ratio Lower Upper  
196 100  
198 103.7 79.9 119.9  
200 32.3 26.7 40.1

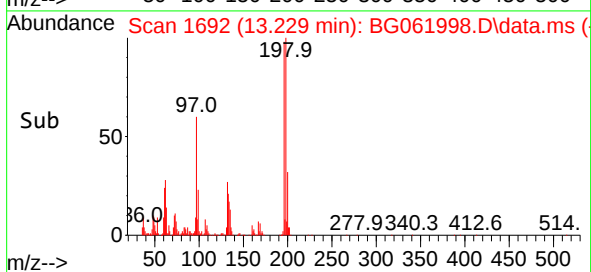
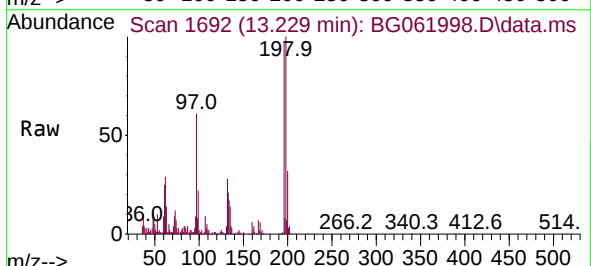
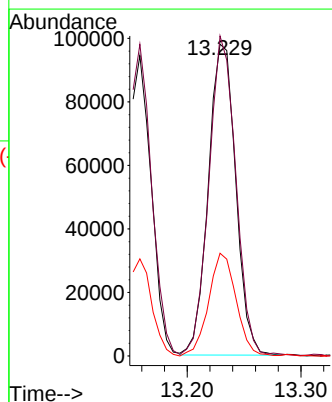
Manual Integrations  
APPROVED

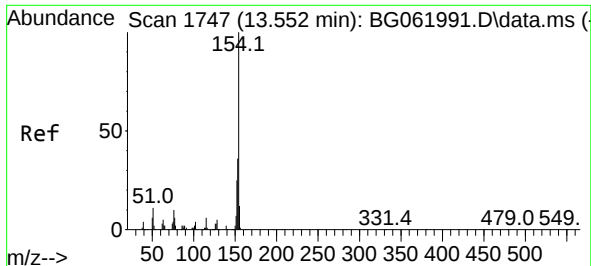
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#42  
2,4,5-Trichlorophenol  
Concen: 36.856 ng/ul  
RT: 13.229 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

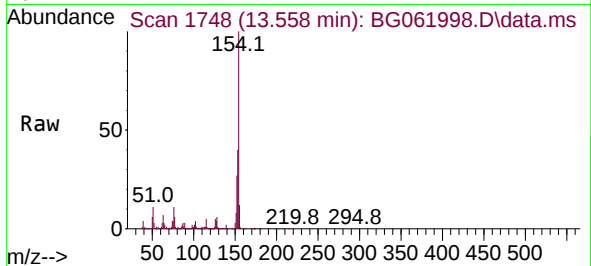
Tgt Ion:196 Resp: 164270  
Ion Ratio Lower Upper  
196 100  
198 102.6 72.5 108.7  
200 32.9 23.7 35.5





#43  
1,1'-Biphenyl  
Concen: 32.935 ng/ul  
RT: 13.558 min Scan# 1747  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

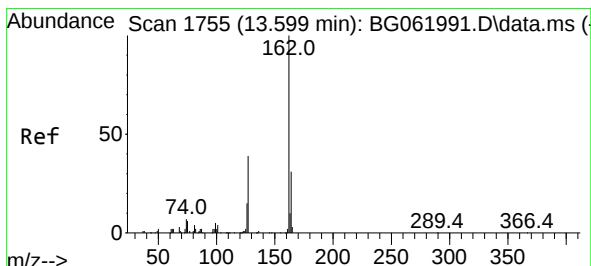
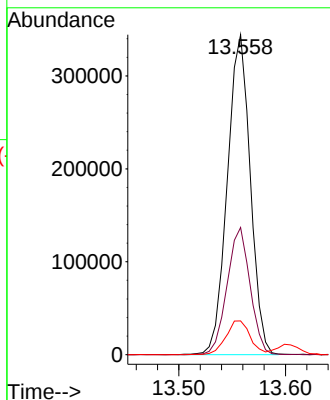
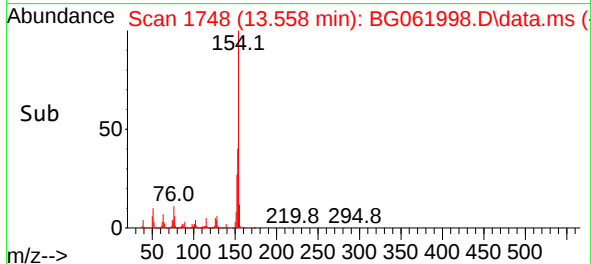
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



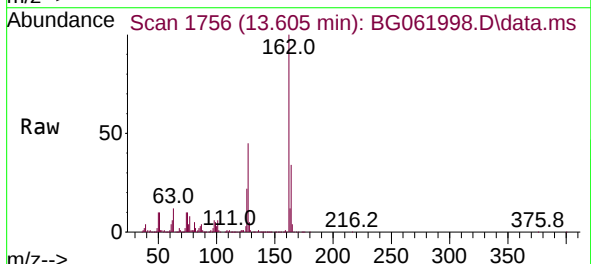
Tgt Ion:154 Resp: 516197  
Ion Ratio Lower Upper  
154 100  
153 39.8 31.7 47.5  
76 10.6 10.0 15.0

Manual Integrations  
APPROVED

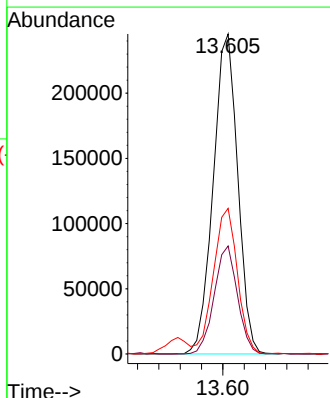
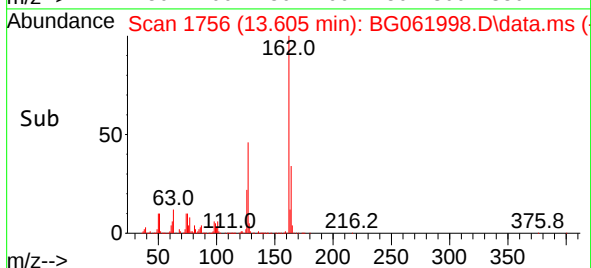
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024

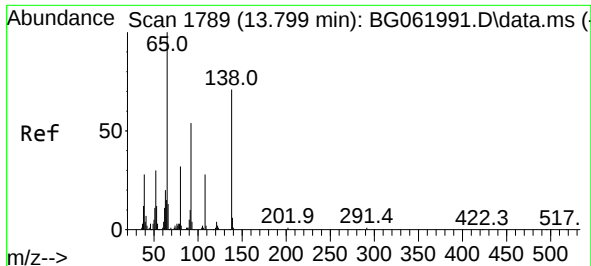


#44  
2-Chloronaphthalene  
Concen: 33.212 ng/ul  
RT: 13.605 min Scan# 1756  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34



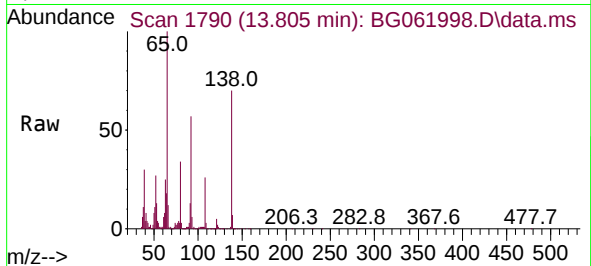
Tgt Ion:162 Resp: 390668  
Ion Ratio Lower Upper  
162 100  
164 33.8 23.3 34.9  
127 45.5 33.2 49.8





#45  
2-Nitroaniline  
Concen: 38.932 ng/ul  
RT: 13.805 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

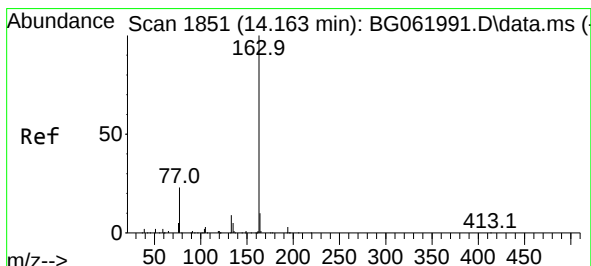
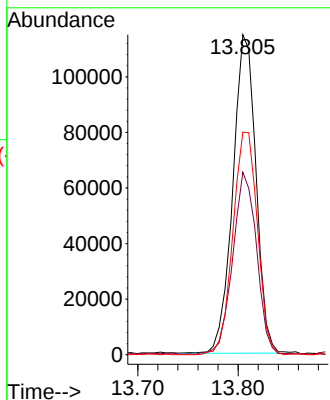
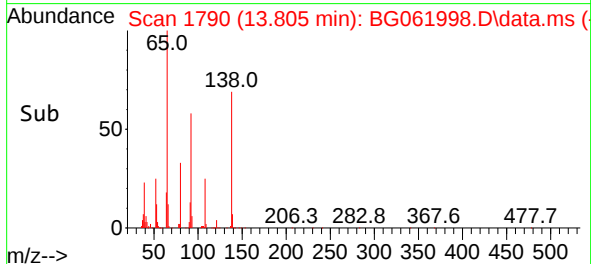
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion: 65 Resp: 183394  
Ion Ratio Lower Upper  
65 100  
92 57.0 48.2 72.4  
138 69.5 56.8 85.2

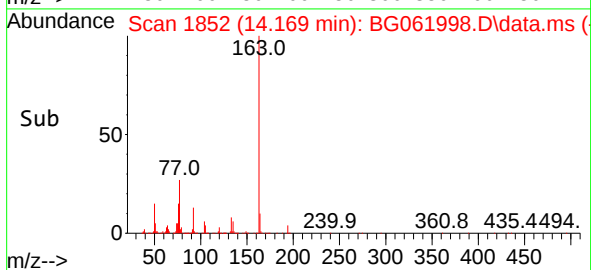
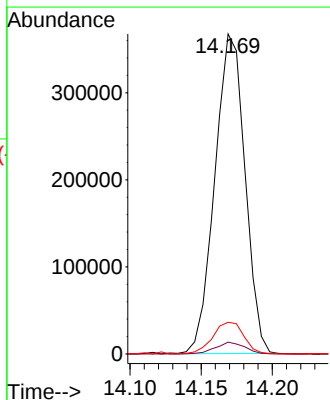
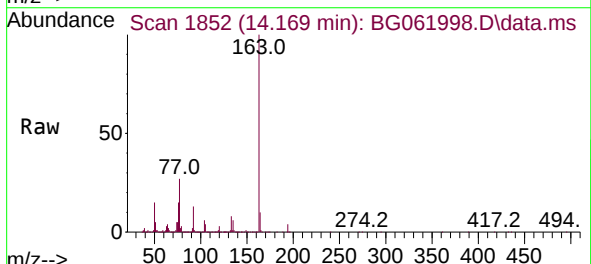
Manual Integrations  
APPROVED

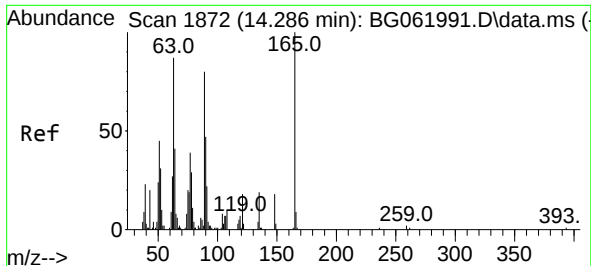
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#47  
Dimethylphthalate  
Concen: 33.659 ng/ul  
RT: 14.169 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

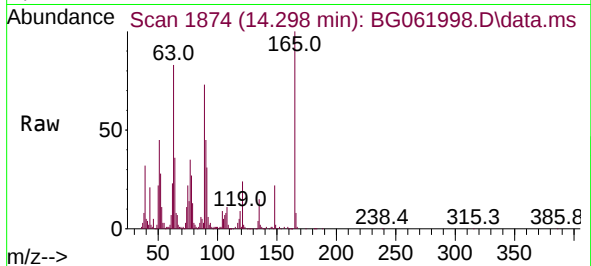
Tgt Ion:163 Resp: 541426  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.6 4.0  
164 9.9 8.2 12.4





#48  
2,6-Dinitrotoluene  
Concen: 39.369 ng/ul  
RT: 14.298 min Scan# 1874  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

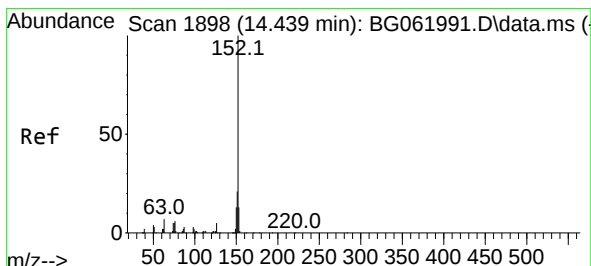
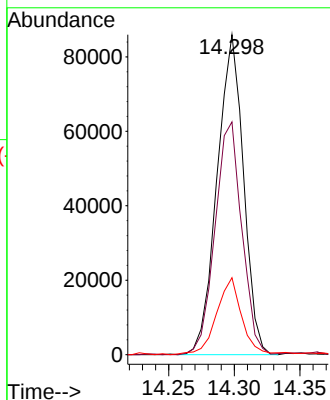
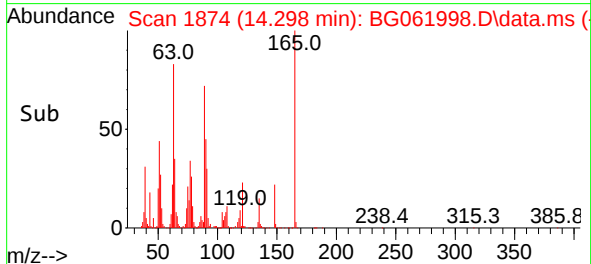
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion:165 Resp: 120138  
Ion Ratio Lower Upper  
165 100  
89 72.8 62.6 93.8  
121 24.0 18.4 27.6

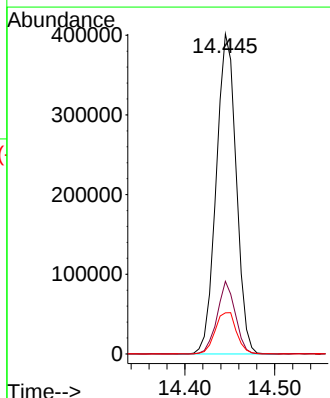
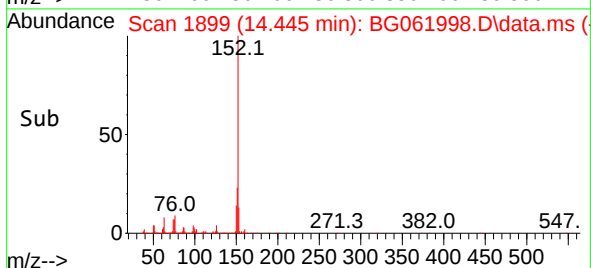
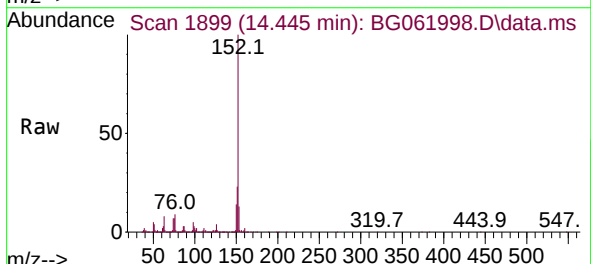
Manual Integrations  
APPROVED

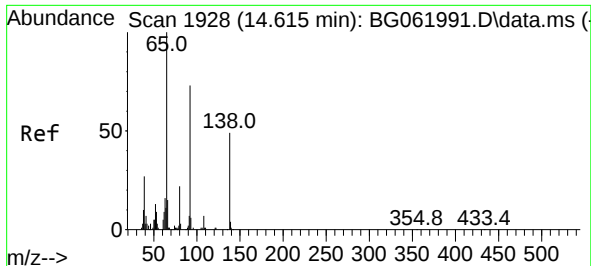
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#50  
Acenaphthylene  
Concen: 32.267 ng/ul  
RT: 14.445 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:152 Resp: 619289  
Ion Ratio Lower Upper  
152 100  
151 22.7 16.5 24.7  
153 12.8 11.4 17.0





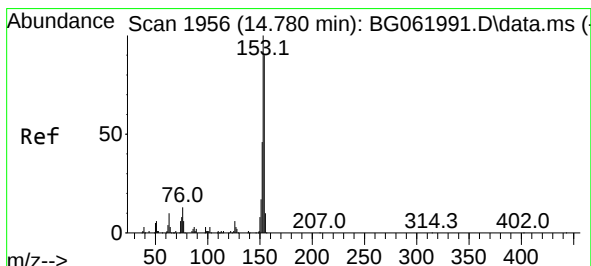
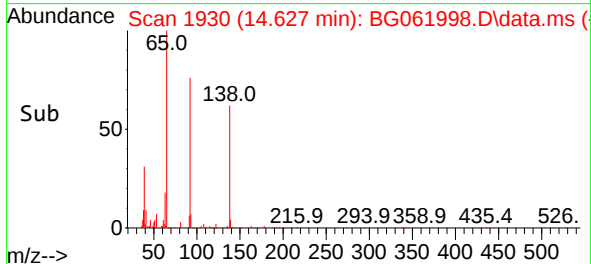
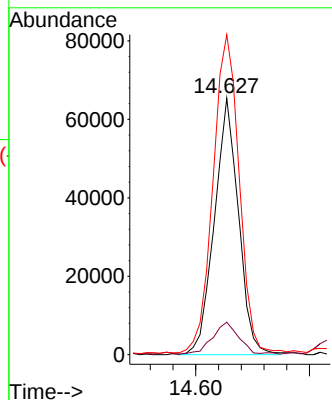
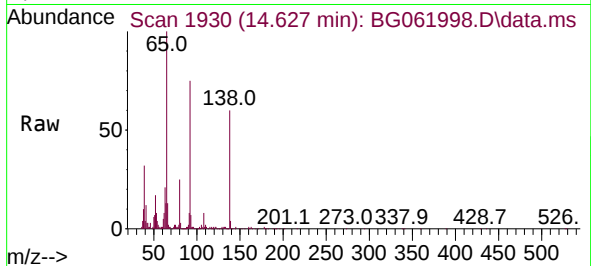
#51  
3-Nitroaniline  
Concen: 32.456 ng/ul  
RT: 14.627 min Scan# 1928  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:138 Resp: 96408  
Ion Ratio Lower Upper  
138 100  
108 12.7 12.3 18.5  
92 124.7 116.3 174.5

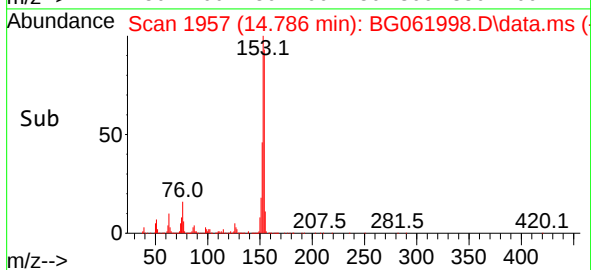
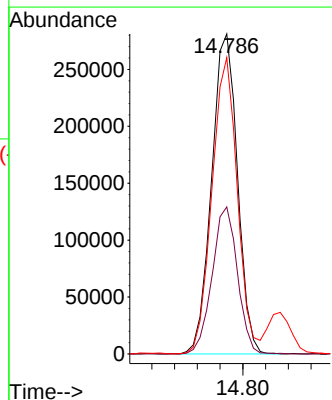
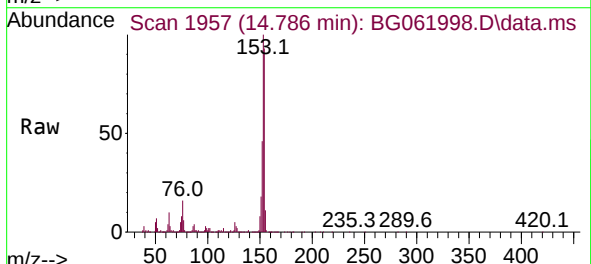
Manual Integrations  
APPROVED

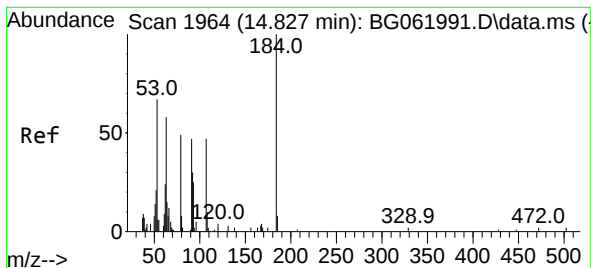
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#52  
Acenaphthene  
Concen: 33.430 ng/ul  
RT: 14.786 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:153 Resp: 443040  
Ion Ratio Lower Upper  
153 100  
152 45.9 37.2 55.8  
154 92.6 75.0 112.6





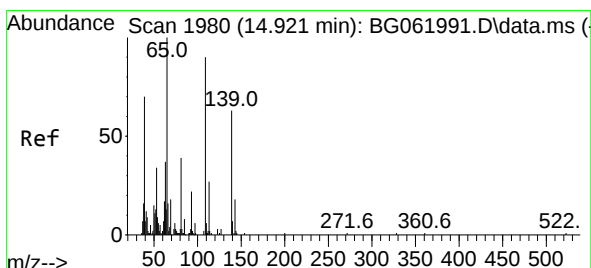
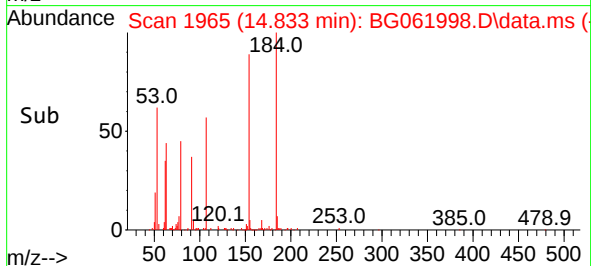
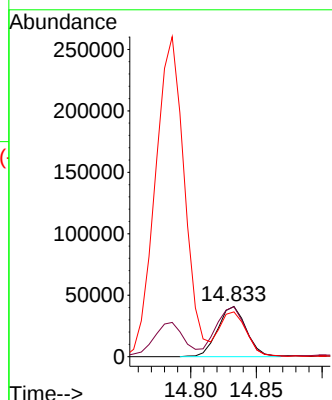
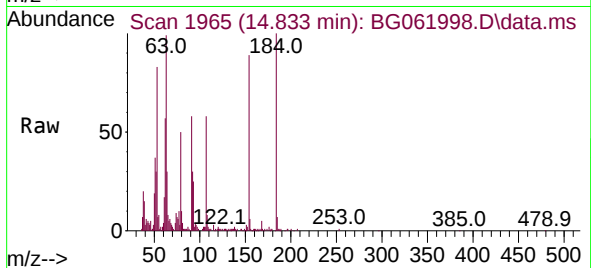
#53  
2,4-Dinitrophenol  
Concen: 38.916 ng/ul  
RT: 14.833 min Scan# 1964  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:184 Resp: 6204  
Ion Ratio Lower Upper  
184 100  
63 99.4 83.6 125.4  
154 89.2 66.8 100.2

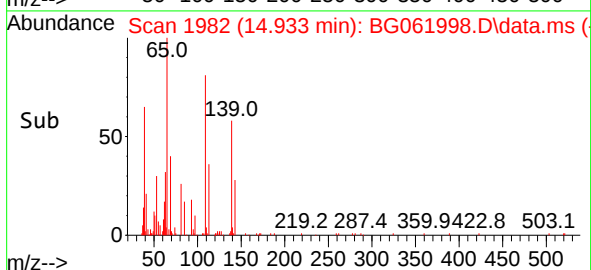
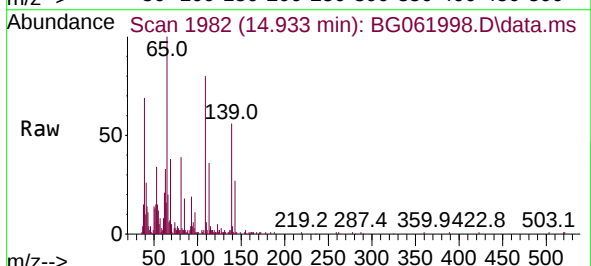
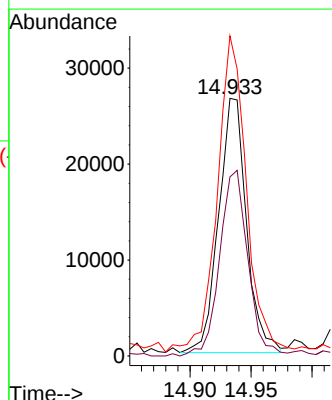
Manual Integrations  
APPROVED

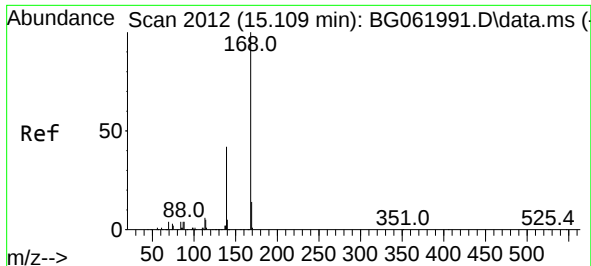
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#55  
4-Nitrophenol  
Concen: 13.821 ng/ul  
RT: 14.933 min Scan# 1982  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

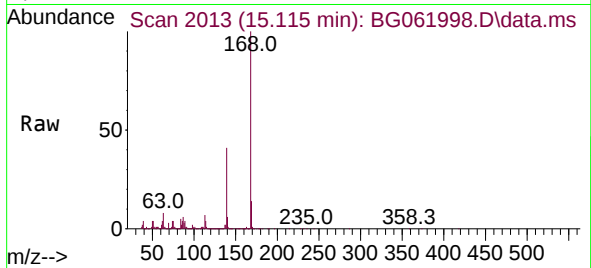
Tgt Ion:109 Resp: 42128  
Ion Ratio Lower Upper  
109 100  
139 69.5 67.4 101.2  
65 124.3 102.1 153.1





#56  
Dibenzenofuran  
Concen: 34.141 ng/ul  
RT: 15.115 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

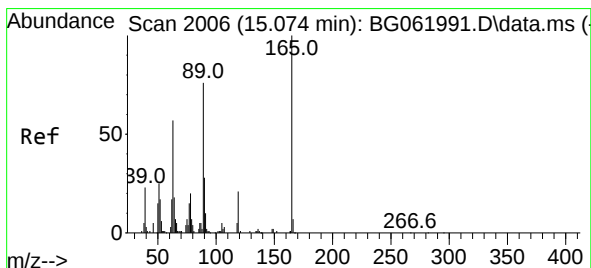
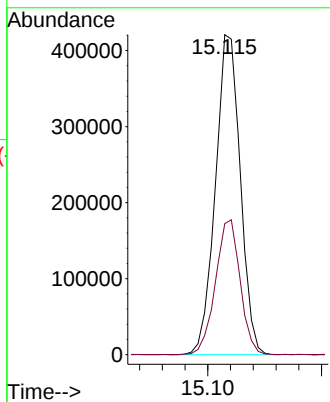
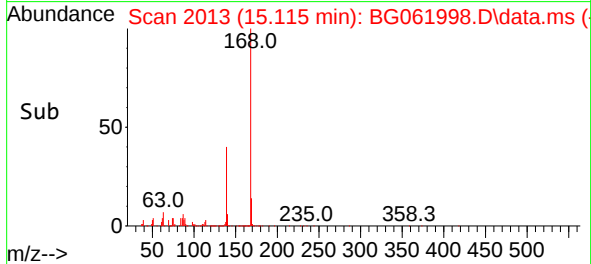
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion:168 Resp: 639480  
Ion Ratio Lower Upper  
168 100  
139 41.0 31.0 46.4

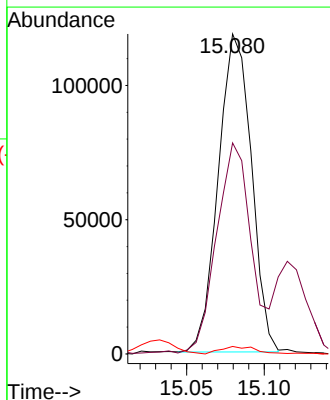
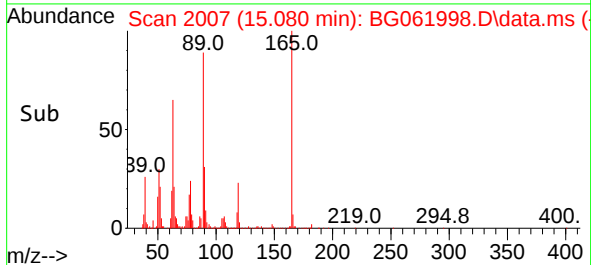
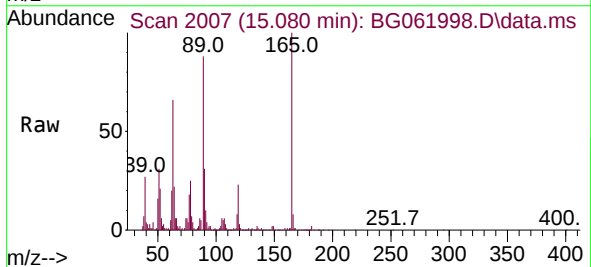
Manual Integrations  
APPROVED

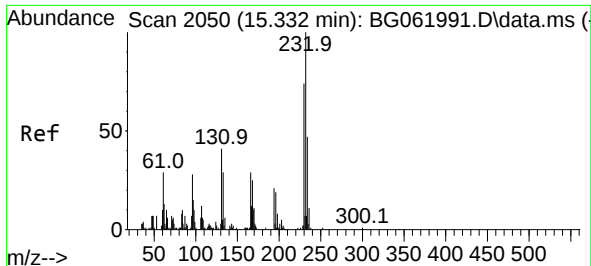
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#57  
2,4-Dinitrotoluene  
Concen: 39.238 ng/ul  
RT: 15.080 min Scan# 2007  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

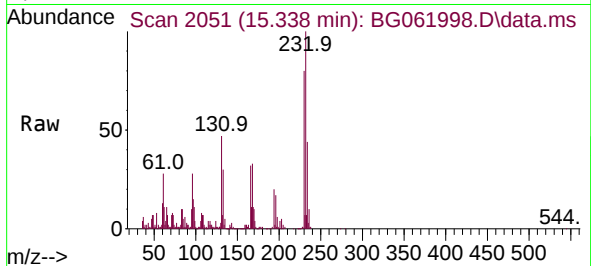
Tgt Ion:165 Resp: 175598  
Ion Ratio Lower Upper  
165 100  
63 66.0 44.9 67.3  
182 2.3 2.6 3.8#





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 37.736 ng/ul  
RT: 15.338 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

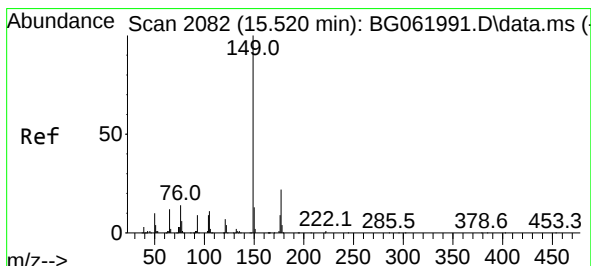
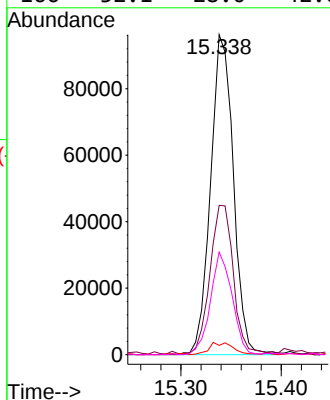
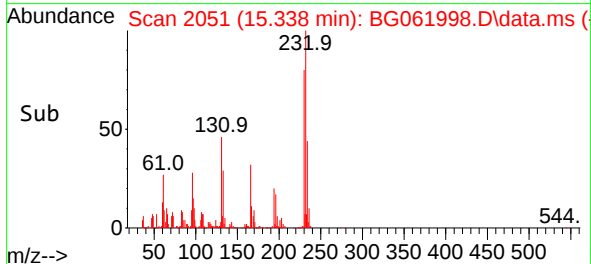
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion:232 Resp: 151870  
Ion Ratio Lower Upper  
232 100  
131 46.7 35.8 53.8  
130 2.9 2.0 3.0  
166 32.1 28.0 42.0

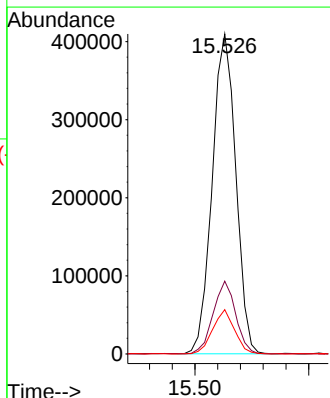
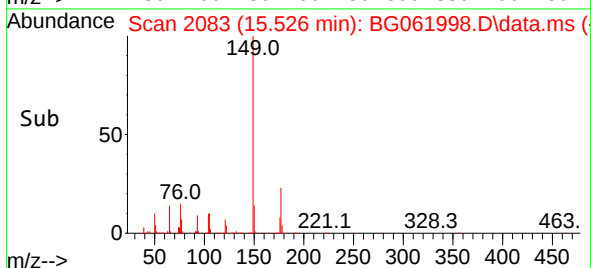
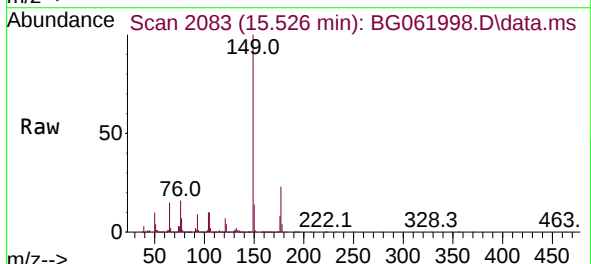
Manual Integrations  
APPROVED

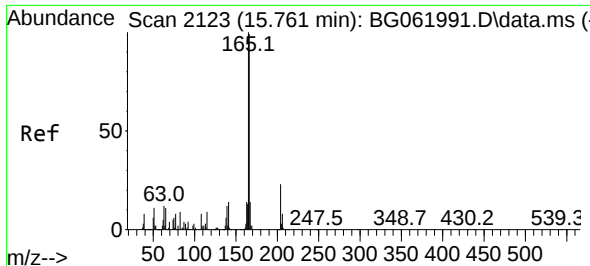
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#59  
Diethylphthalate  
Concen: 34.023 ng/ul  
RT: 15.526 min Scan# 2083  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:149 Resp: 589768  
Ion Ratio Lower Upper  
149 100  
177 22.8 16.3 24.5  
150 13.8 9.6 14.4





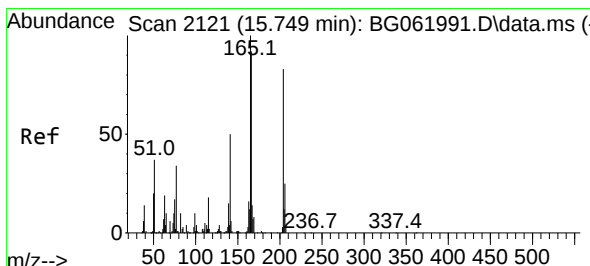
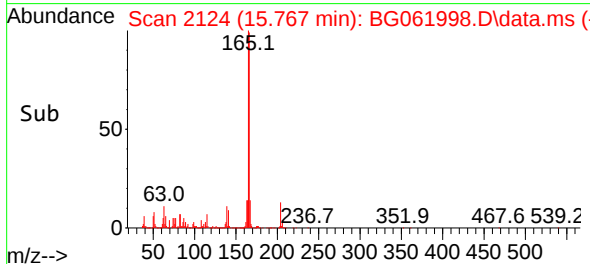
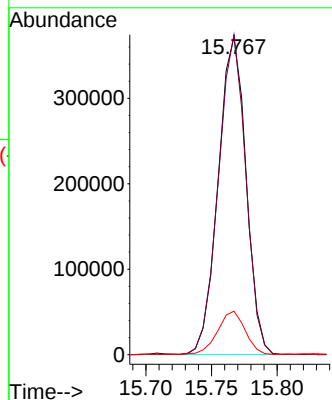
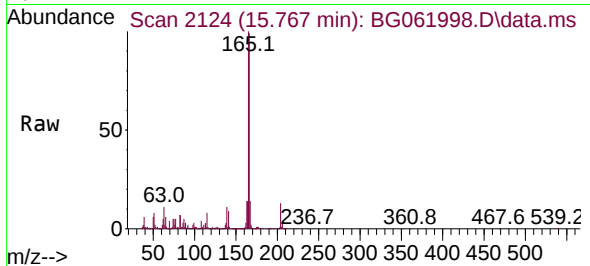
#61  
Fluorene  
Concen: 34.390 ng/ul  
RT: 15.767 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:166 Resp: 54780  
Ion Ratio Lower Upper  
166 100  
165 100.8 78.4 117.6  
167 13.7 10.4 15.6

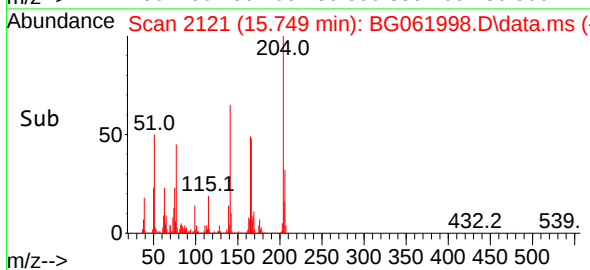
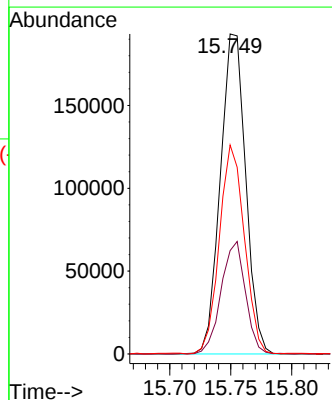
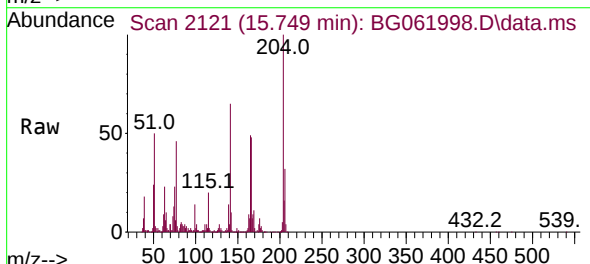
Manual Integrations  
APPROVED

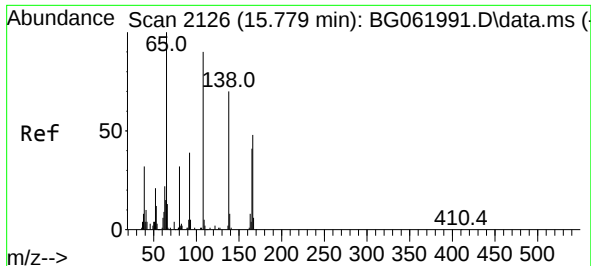
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#62  
4-Chlorophenyl-phenylether  
Concen: 34.982 ng/ul  
RT: 15.749 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:204 Resp: 279900  
Ion Ratio Lower Upper  
204 100  
206 32.3 24.5 36.7  
141 65.3 46.6 69.8





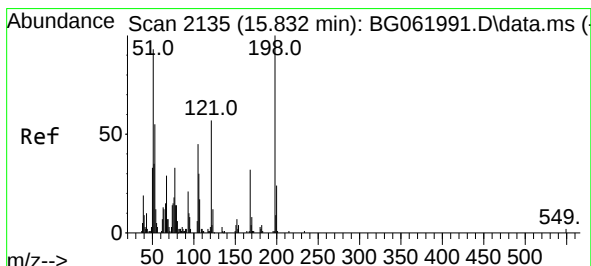
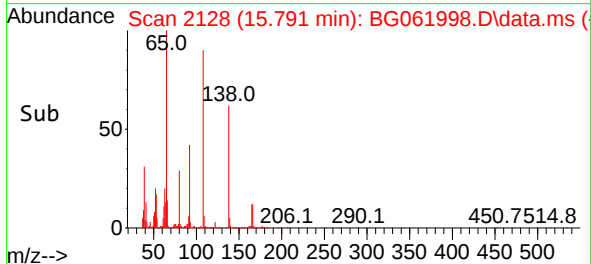
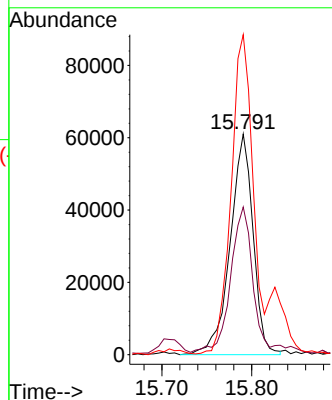
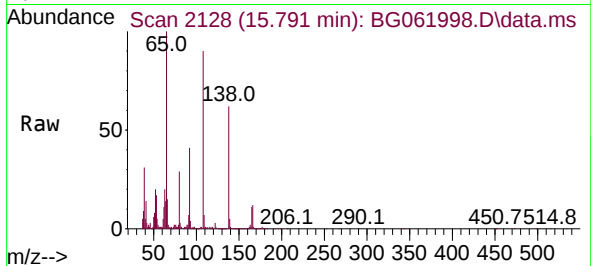
#63  
4-Nitroaniline  
Concen: 35.915 ng/ul  
RT: 15.791 min Scan# 2126  
Delta R.T. 0.011 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:138 Resp: 108250  
Ion Ratio Lower Upper  
138 100  
92 66.9 52.3 78.5  
108 145.0 94.1 141.1

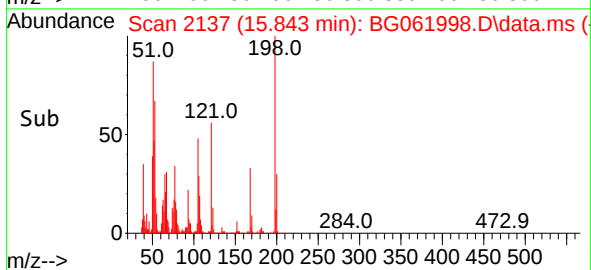
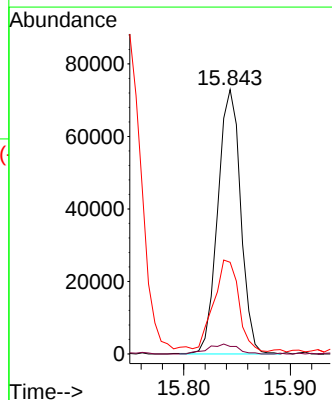
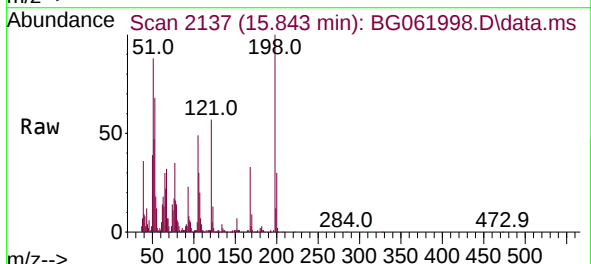
Manual Integrations  
APPROVED

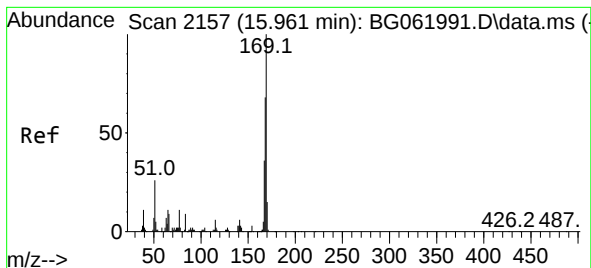
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#66  
4,6-Dinitro-2-methylphenol  
Concen: 42.227 ng/ul  
RT: 15.843 min Scan# 2137  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:198 Resp: 108591  
Ion Ratio Lower Upper  
198 100  
182 2.9 3.6 5.4#  
77 34.7 21.8 32.8#





#67

N-Nitrosodiphenylamine

Concen: 38.189 ng/ul

RT: 15.967 min Scan# 2157

Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD

Tgt Ion:169 Resp: 47451

Ion Ratio Lower Upper

169 100

168 71.8 55.6 83.4

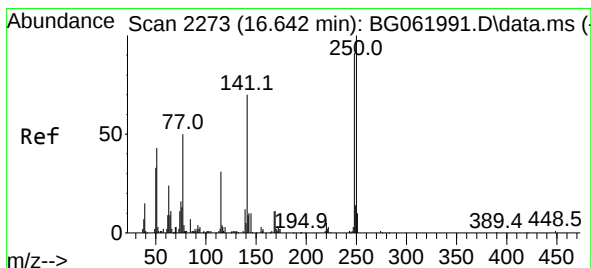
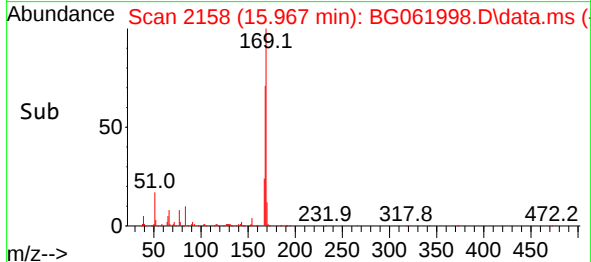
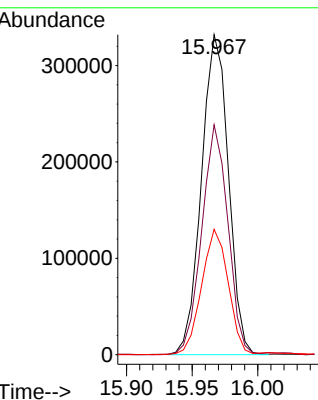
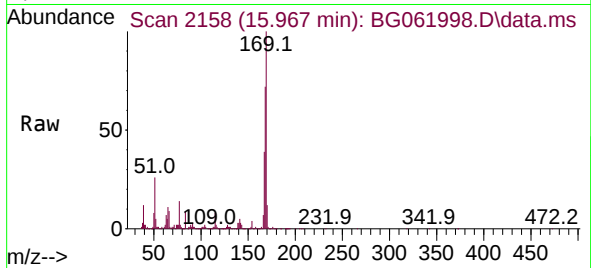
167 39.1 29.8 44.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#68

4-Bromophenyl-phenylether

Concen: 38.779 ng/ul

RT: 16.648 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

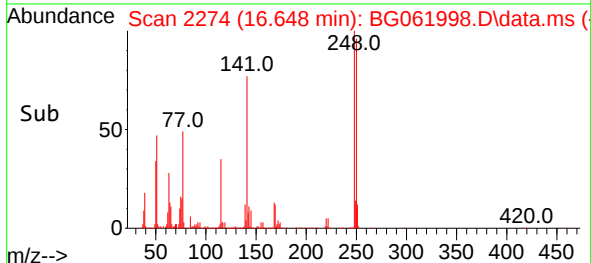
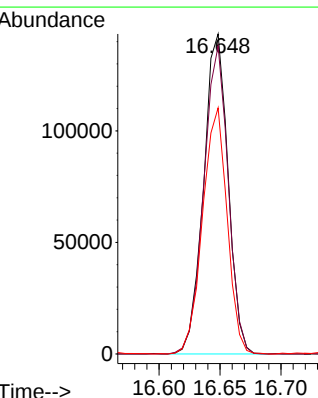
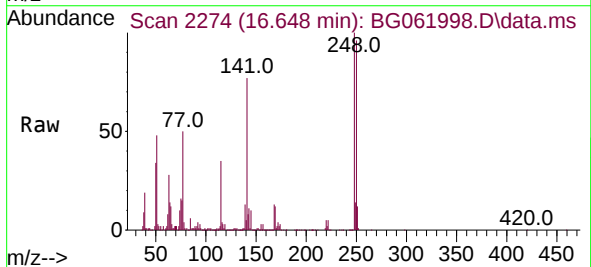
Tgt Ion:248 Resp: 200164

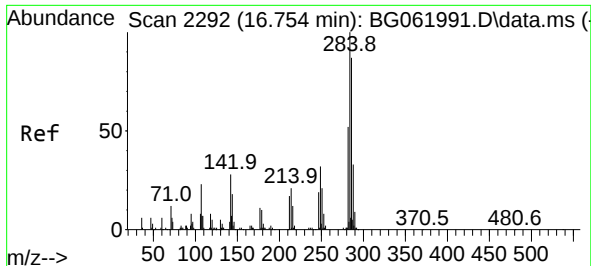
Ion Ratio Lower Upper

248 100

250 96.3 77.2 115.8

141 76.9 57.8 86.8





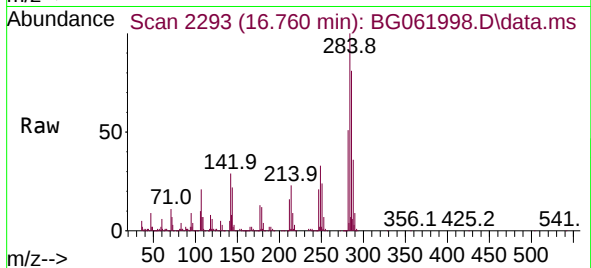
#69  
Hexachlorobenzene  
Concen: 39.386 ng/ul  
RT: 16.760 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD



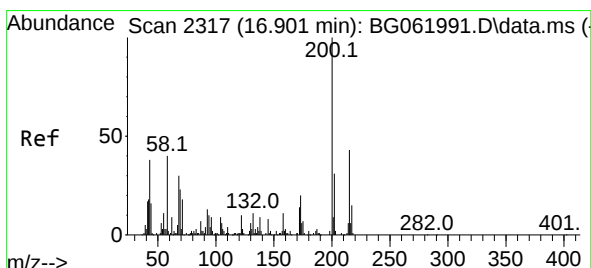
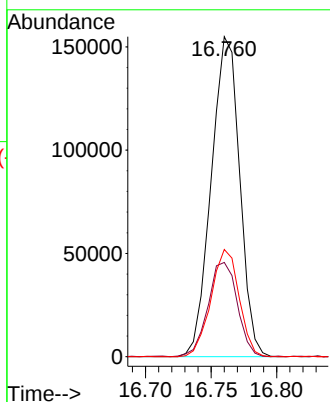
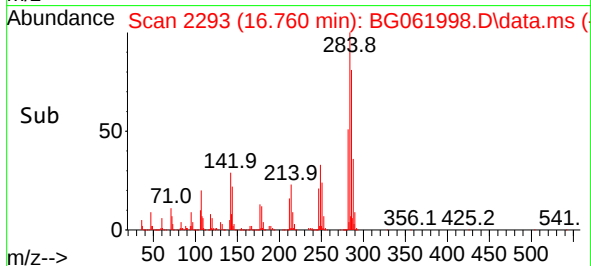
Tgt Ion:284 Resp: 233760  
Ion Ratio Lower Upper  
284 100  
142 29.5 26.4 39.6  
249 33.5 27.2 40.8

Manual Integrations

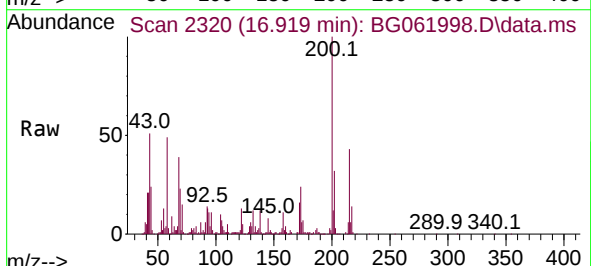
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

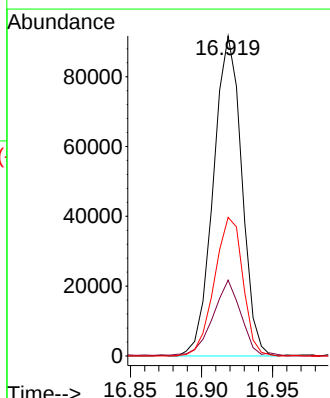
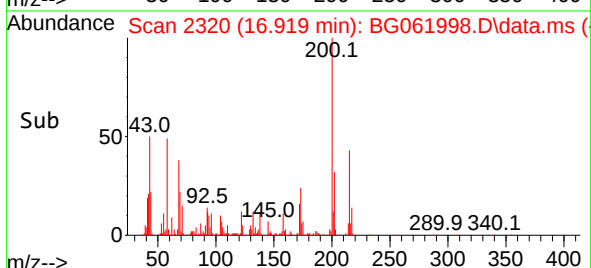
Supervised By :mohammad ahmed 07/11/2024

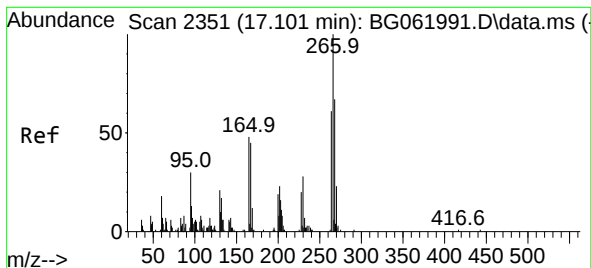


#70  
Atrazine  
Concen: 25.907 ng/ul  
RT: 16.919 min Scan# 2320  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34



Tgt Ion:200 Resp: 127072  
Ion Ratio Lower Upper  
200 100  
173 23.7 18.7 28.1  
215 43.3 37.8 56.6





#71

Pentachlorophenol

Concen: 39.717 ng/ul

RT: 17.107 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD

Tgt Ion:266 Resp: 12957

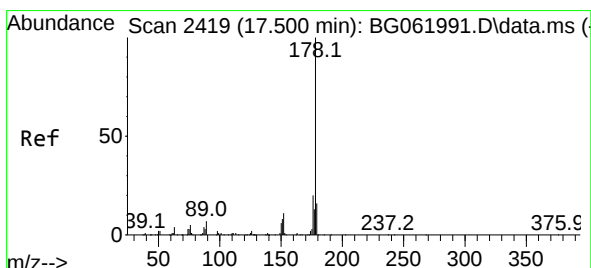
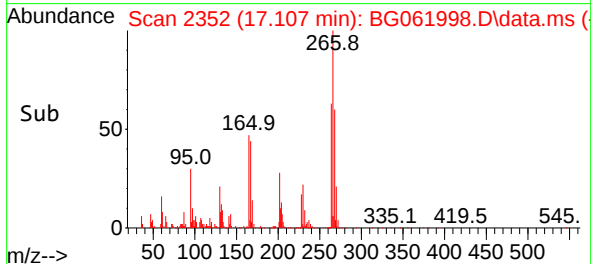
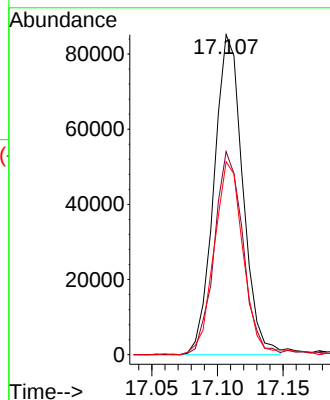
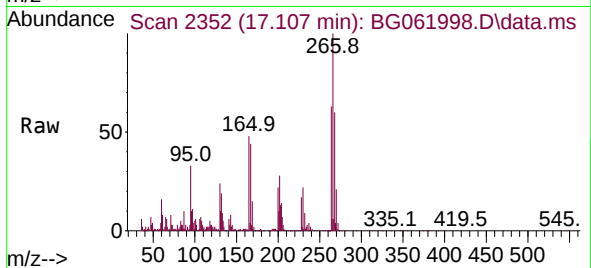
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 264 | 63.5  | 45.0  | 67.6  |
| 268 | 60.3  | 50.5  | 75.7  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#72

Phenanthrene

Concen: 36.389 ng/ul

RT: 17.506 min Scan# 2420

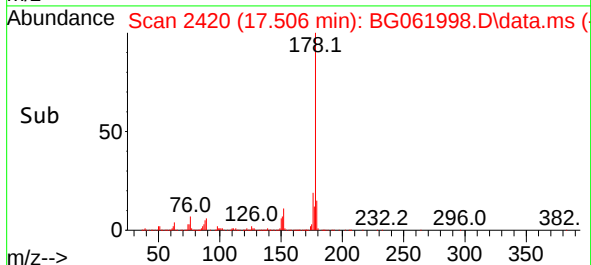
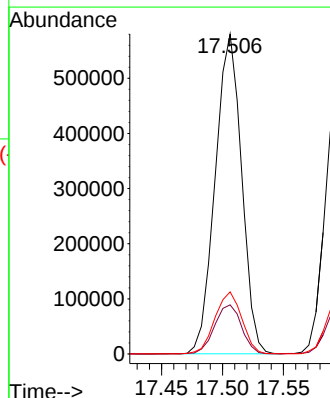
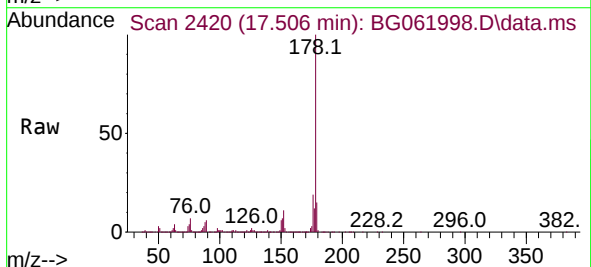
Delta R.T. -0.000 min

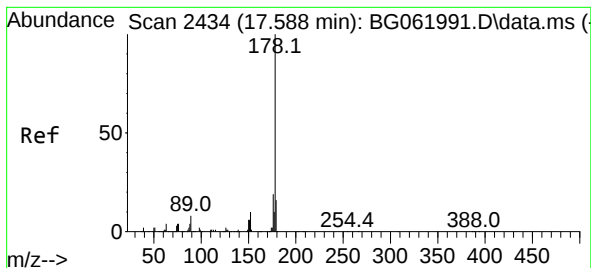
Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Tgt Ion:178 Resp: 872983

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 11.9  | 17.9  |
| 176 | 19.4  | 15.5  | 23.3  |





#74

Anthracene

Concen: 35.309 ng/u1

RT: 17.594 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD

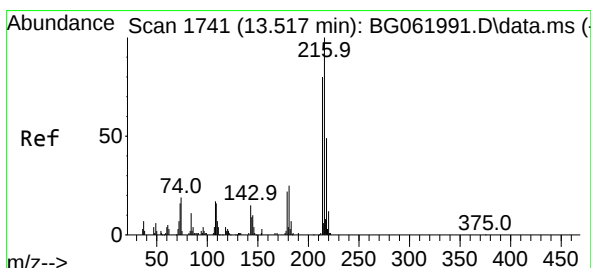
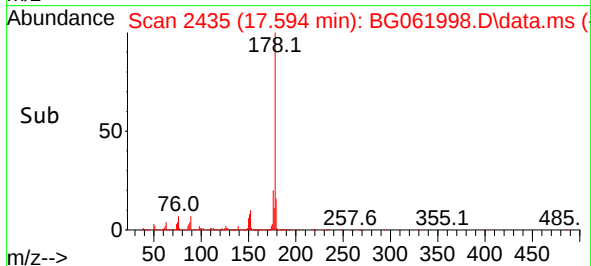
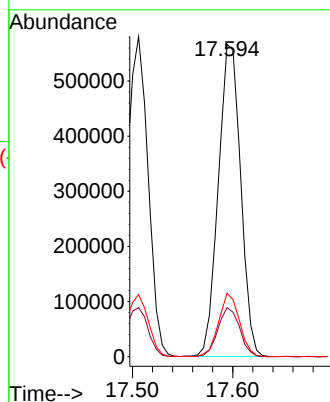
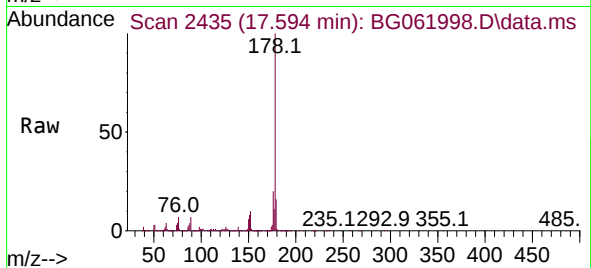
Tgt Ion:178 Resp: 875410  
Ion Ratio Lower Upper  
178 100  
179 15.7 11.9 17.9  
176 20.3 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#75

1,2,3,4-Tetrachlorobenzene

Concen: 41.220 ng/u1

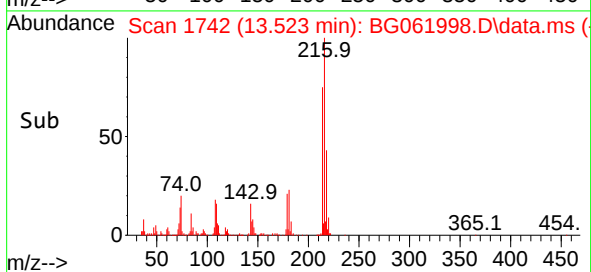
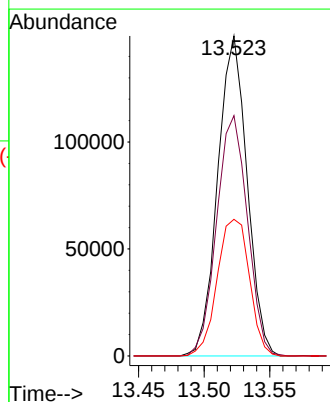
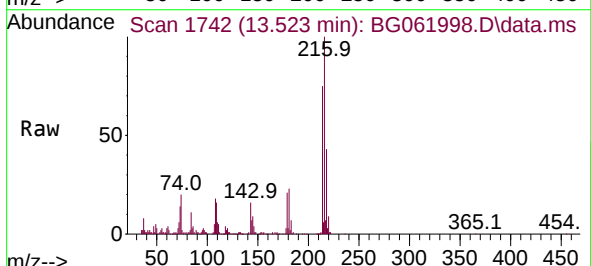
RT: 13.523 min Scan# 1742

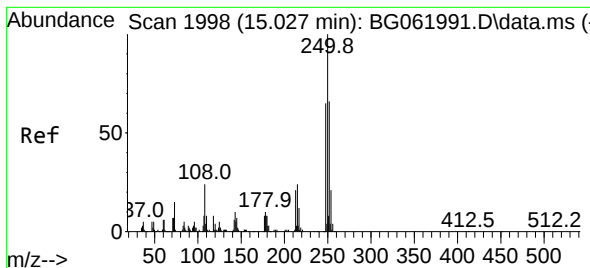
Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Tgt Ion:216 Resp: 232929  
Ion Ratio Lower Upper  
216 100  
214 75.1 61.7 92.5  
218 42.7 35.7 53.5





#76

Pentachlorobenzene

Concen: 36.678 ng/ul

RT: 15.033 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD

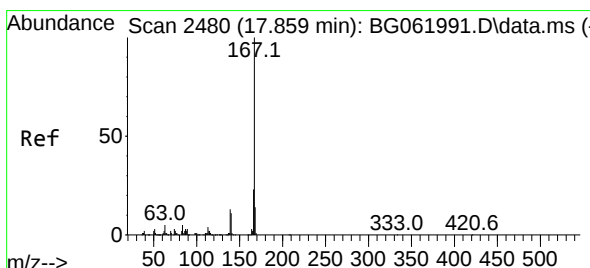
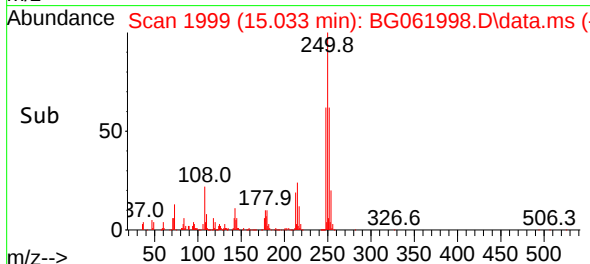
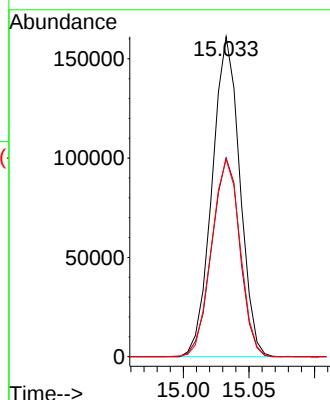
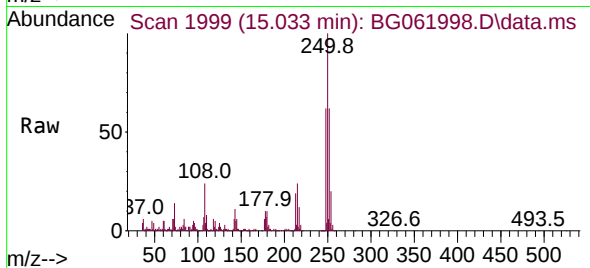
Tgt Ion:250 Resp: 236397  
 Ion Ratio Lower Upper  
 250 100  
 248 62.2 47.5 71.3  
 252 61.7 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#77

Carbazole

Concen: 36.951 ng/ul

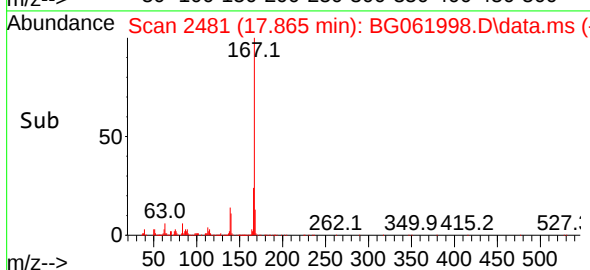
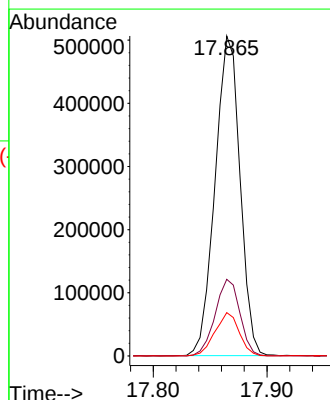
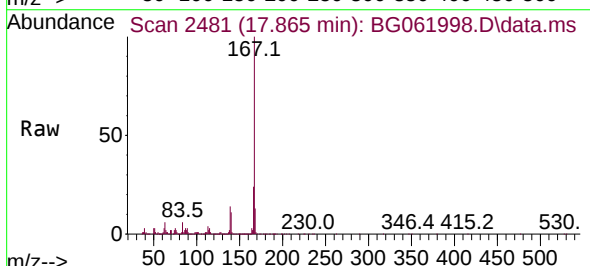
RT: 17.865 min Scan# 2481

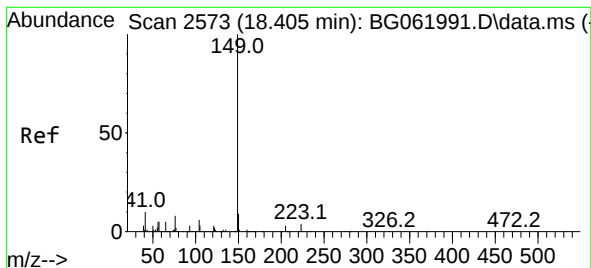
Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Tgt Ion:167 Resp: 770988  
 Ion Ratio Lower Upper  
 167 100  
 166 23.9 18.2 27.2  
 139 13.6 9.6 14.4





#78

Di-n-butylphthalate

Concen: 36.293 ng/ul

RT: 18.411 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD

Tgt Ion:149 Resp: 972235

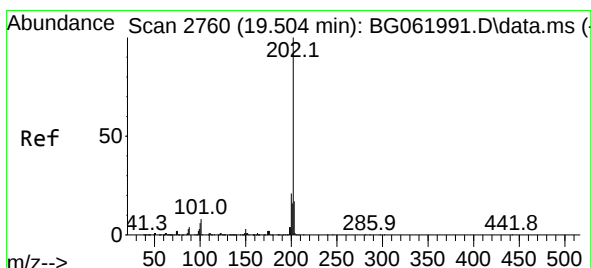
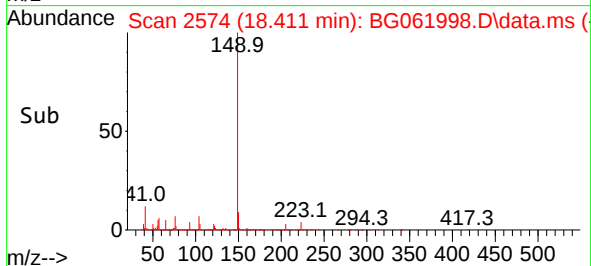
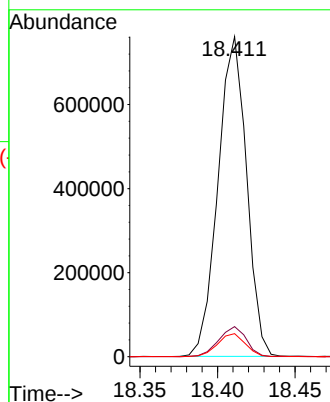
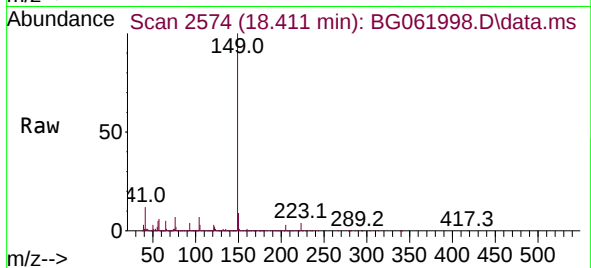
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.5   | 11.3  |
| 104 | 7.2   | 5.0   | 7.4   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#80

Fluoranthene

Concen: 35.708 ng/ul

RT: 19.521 min Scan# 2763

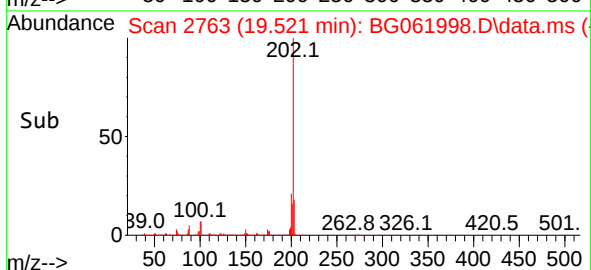
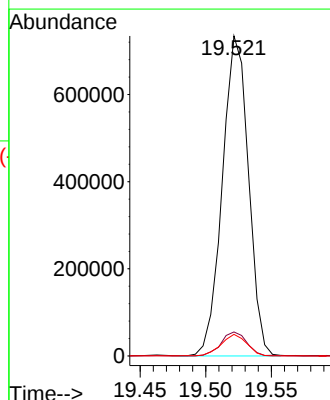
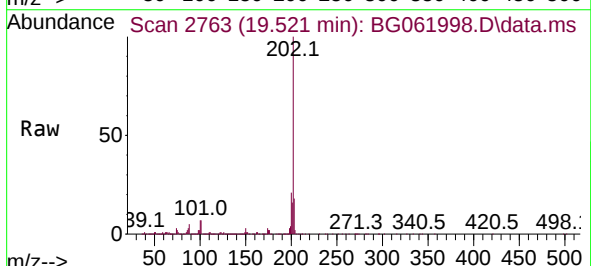
Delta R.T. 0.017 min

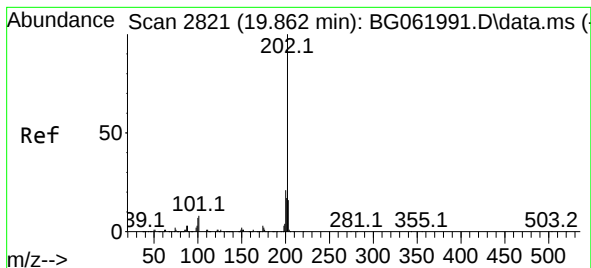
Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Tgt Ion:202 Resp: 1017484

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 7.5   | 7.4   | 11.2  |
| 100 | 6.8   | 6.6   | 10.0  |





#82

Pyrene

Concen: 35.761 ng/ul

RT: 19.874 min Scan# 2821

Delta R.T. 0.005 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

H0HC4MSD

Tgt Ion:202 Resp: 1052600

Ion Ratio Lower Upper

202 100

101 7.7 8.8 13.2

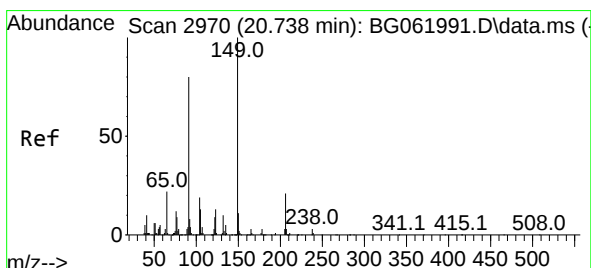
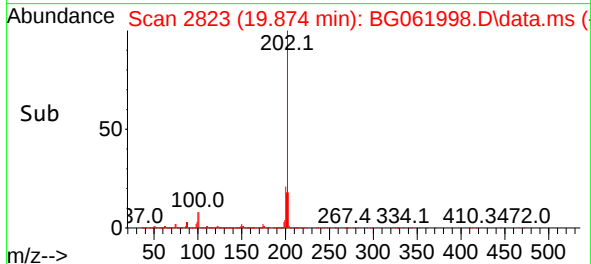
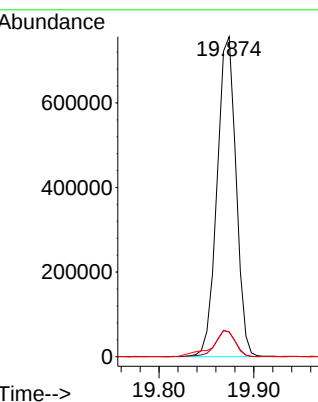
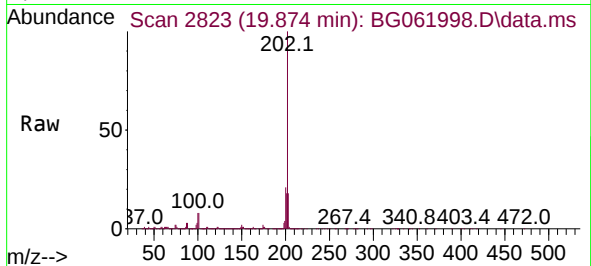
100 7.7 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#83

Butylbenzylphthalate

Concen: 35.706 ng/ul

RT: 20.744 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BG061998.D

Acq: 10 Jul 2024 14:34

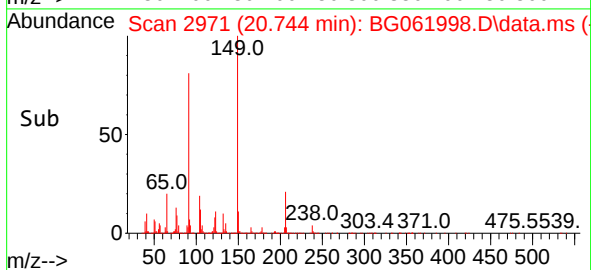
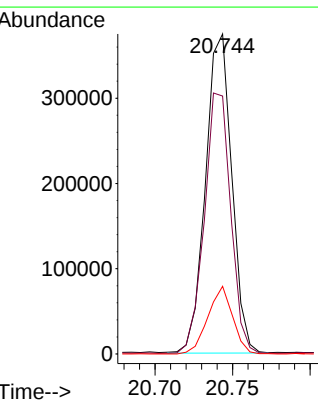
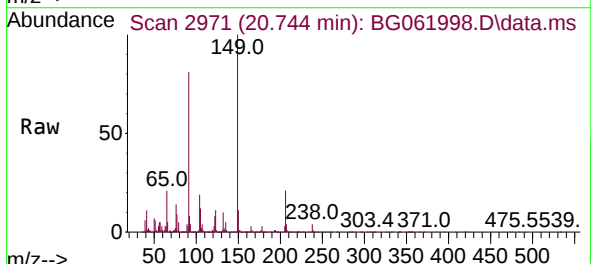
Tgt Ion:149 Resp: 441082

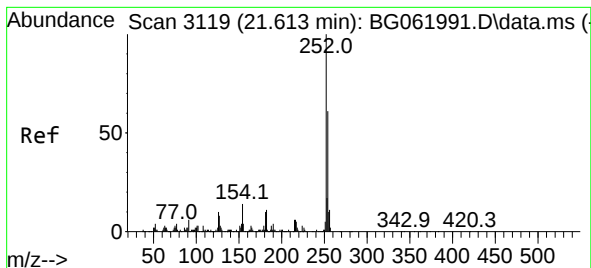
Ion Ratio Lower Upper

149 100

91 80.6 60.6 91.0

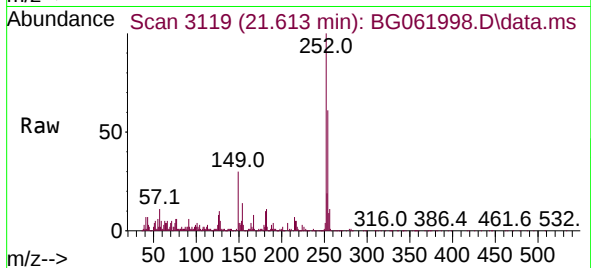
206 21.1 14.6 21.8





#84  
3,3'-Dichlorobenzidine  
Concen: 25.015 ng/ul  
RT: 21.613 min Scan# 3119  
Delta R.T. -0.006 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

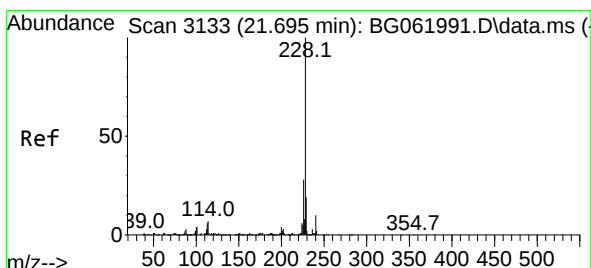
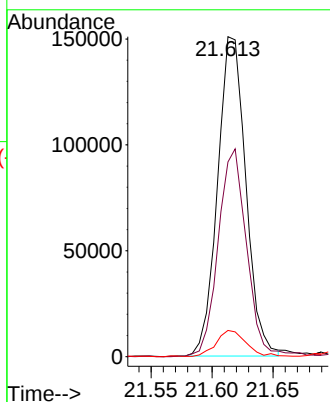
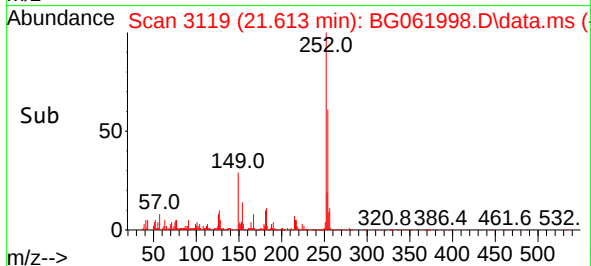
Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD



Tgt Ion:252 Resp: 24361  
Ion Ratio Lower Upper  
252 100  
254 60.9 52.8 79.2  
126 8.2 6.6 10.0

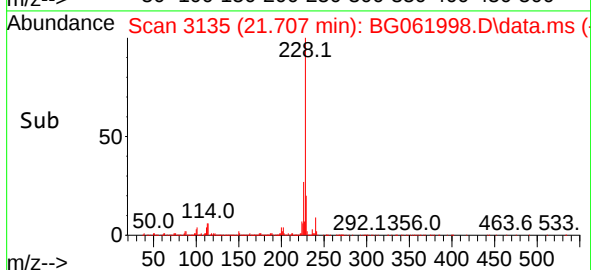
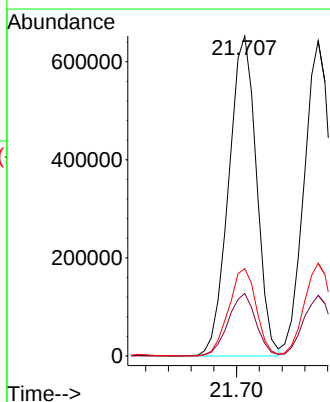
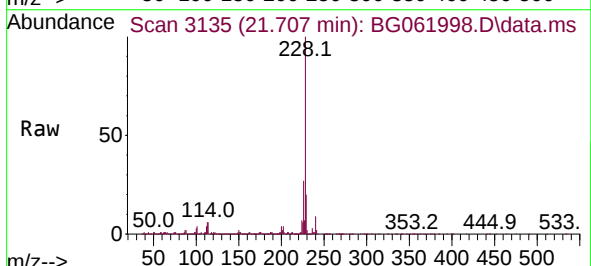
Manual Integrations  
APPROVED

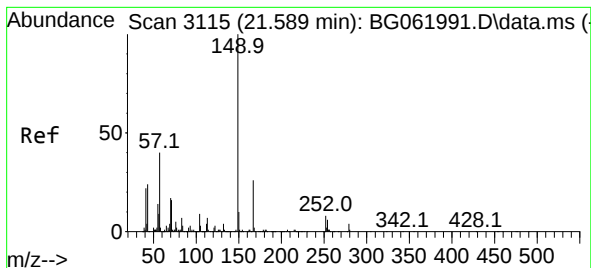
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#85  
Benzo(a)anthracene  
Concen: 37.294 ng/ul  
RT: 21.707 min Scan# 3135  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:228 Resp: 1105351  
Ion Ratio Lower Upper  
228 100  
229 19.5 15.7 23.5  
226 27.3 21.7 32.5





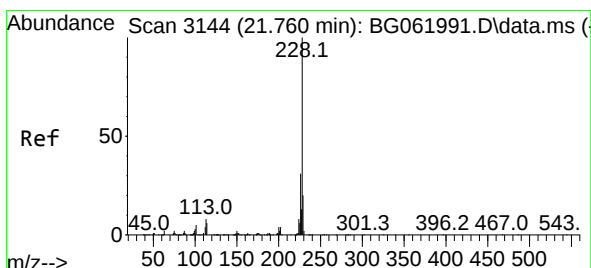
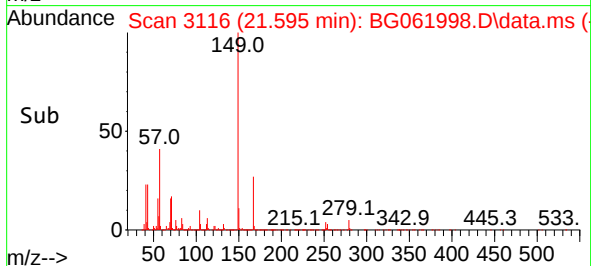
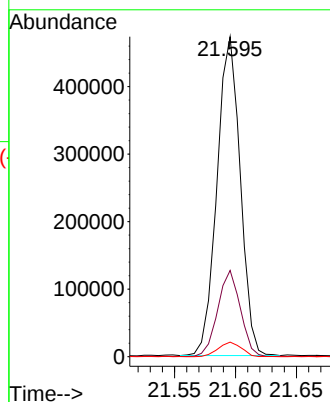
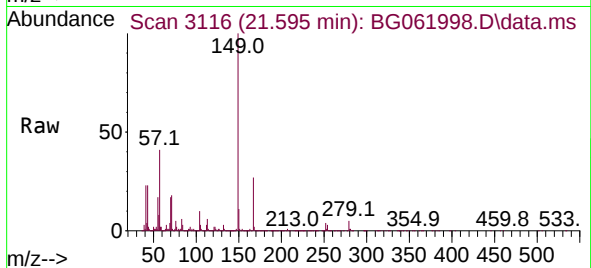
#86  
Bis(2-ethylhexyl)phthalate  
Concen: 35.355 ng/ul  
RT: 21.595 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:149 Resp: 626699  
Ion Ratio Lower Upper  
149 100  
167 26.9 21.7 32.5  
279 4.6 2.8 4.2

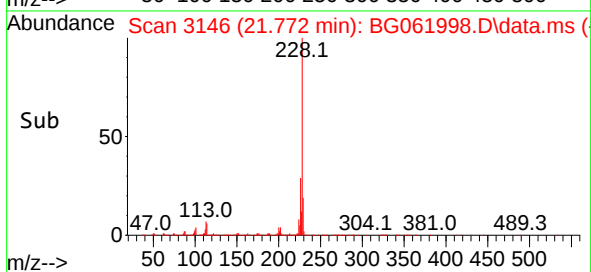
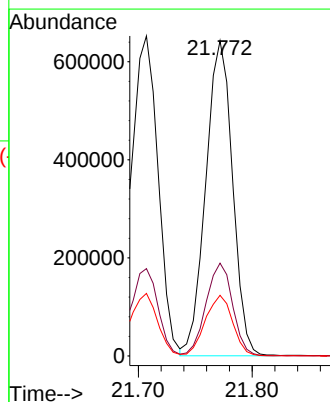
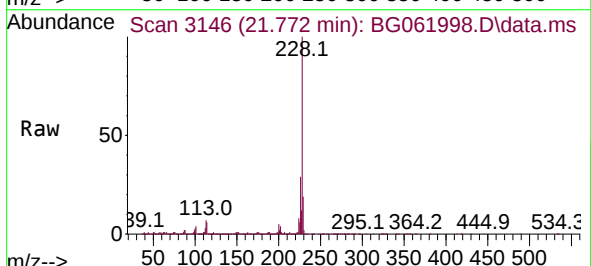
Manual Integrations  
APPROVED

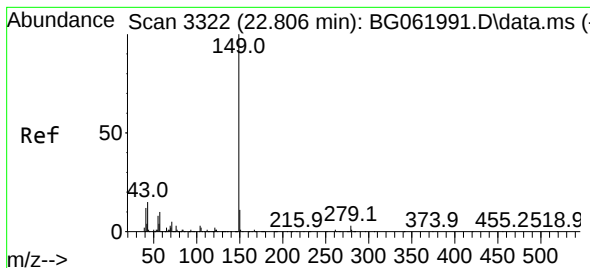
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#87  
Chrysene  
Concen: 37.947 ng/ul  
RT: 21.772 min Scan# 3146  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:228 Resp: 1052875  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.3 34.9  
229 19.2 15.5 23.3





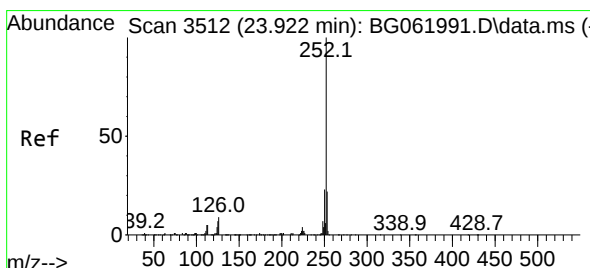
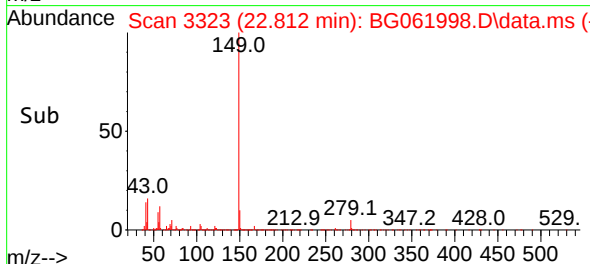
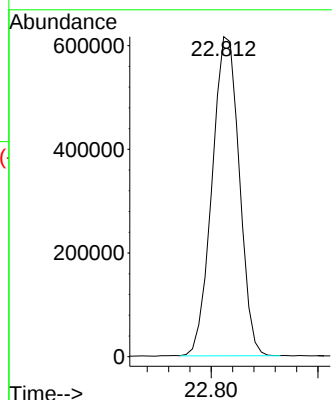
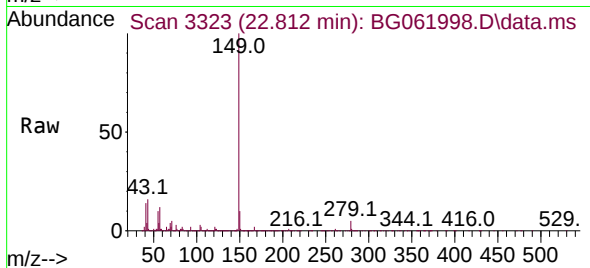
#89  
Di-n-octyl phthalate  
Concen: 35.948 ng/ul  
RT: 22.812 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :  
BNA\_G  
ClientSampleId :  
H0HC4MSD

Tgt Ion:149 Resp: 1090949

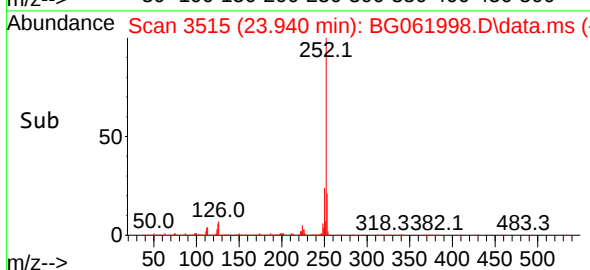
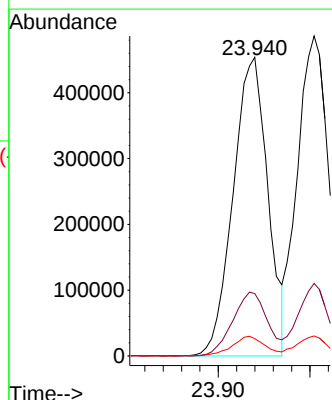
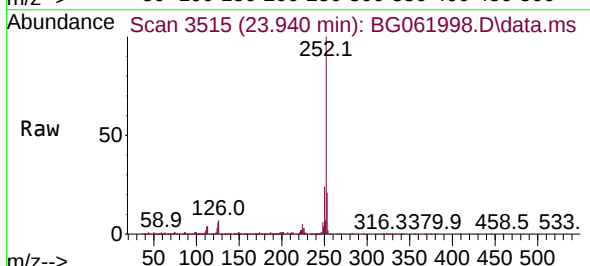
Manual Integrations  
APPROVED

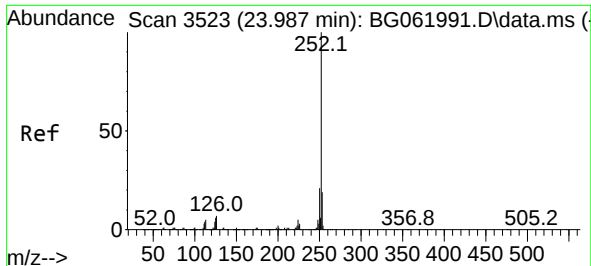
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#90  
Benzo(b)fluoranthene  
Concen: 38.068 ng/ul m  
RT: 23.940 min Scan# 3515  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Tgt Ion:252 Resp: 1191392  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.2 25.8  
125 5.8 6.1 9.1#





#91  
Benzo(k)fluoranthene  
Concen: 37.076 ng/ul  
RT: 24.004 min Scan# 3523  
Delta R.T. -0.000 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

Instrument :

BNA\_G

ClientSampleId :

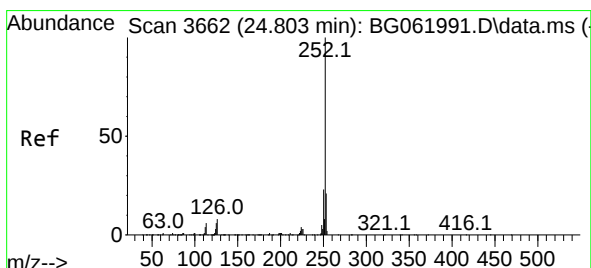
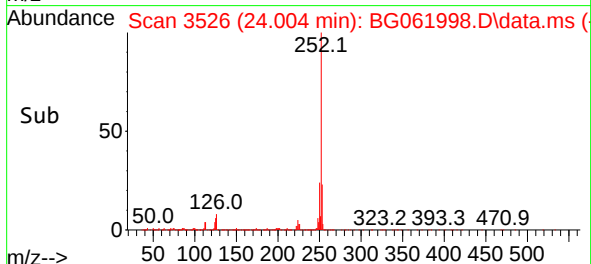
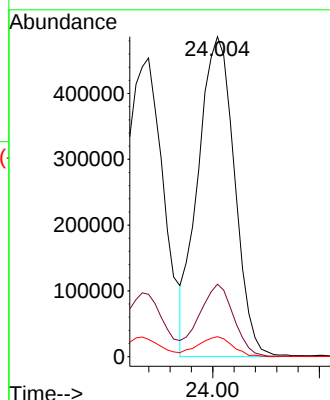
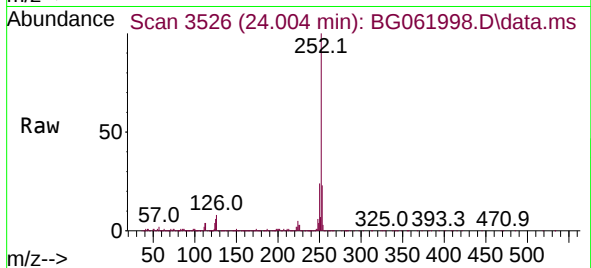
H0HC4MSD

Tgt Ion:252 Resp: 1157110  
Ion Ratio Lower Upper  
252 100  
253 22.7 19.3 28.9  
125 6.3 6.3 9.5

Manual Integrations

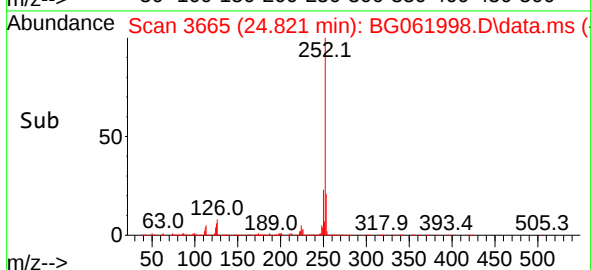
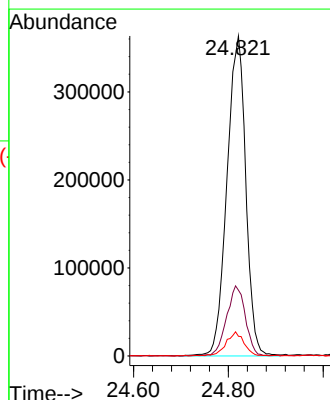
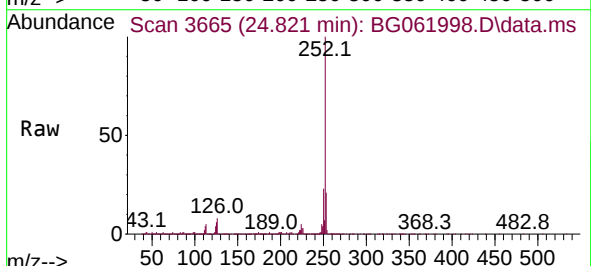
APPROVED

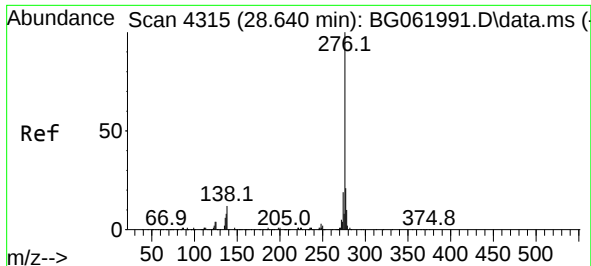
Reviewed By :Yogesh Patel 07/11/2024  
Supervised By :mohammad ahmed 07/11/2024



#93  
Benzo(a)pyrene  
Concen: 33.794 ng/ul  
RT: 24.821 min Scan# 3665  
Delta R.T. 0.005 min  
Lab File: BG061998.D  
Acq: 10 Jul 2024 14:34

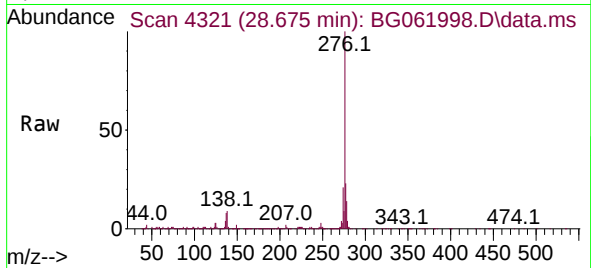
Tgt Ion:252 Resp: 1001516  
Ion Ratio Lower Upper  
252 100  
253 20.6 16.5 24.7  
125 6.2 7.4 11.2





#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.674 ng/ul  
 RT: 28.675 min Scan# 4321  
 Delta R.T. 0.011 min  
 Lab File: BG061998.D  
 Acq: 10 Jul 2024 14:34

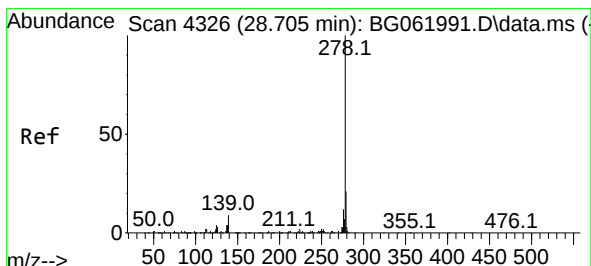
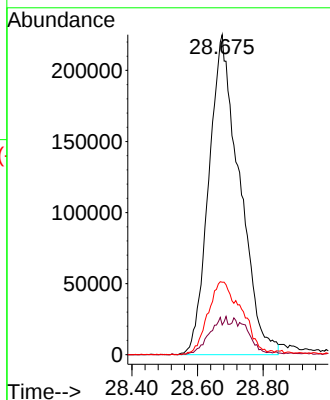
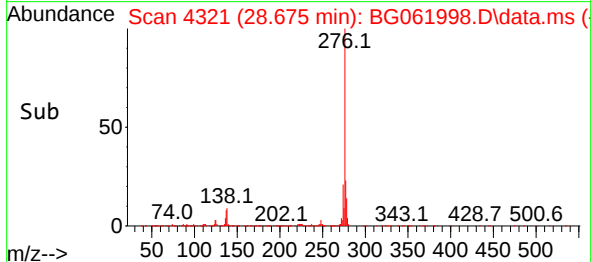
Instrument :  
 BNA\_G  
 ClientSampleId :  
 H0HC4MSD



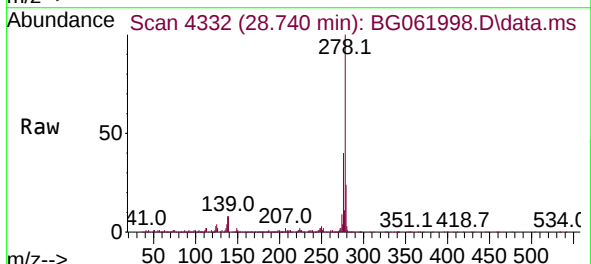
Tgt Ion:276 Resp: 1464654  
 Ion Ratio Lower Upper  
 276 100  
 138 9.3 11.9 17.9  
 277 22.7 19.3 28.9

Manual Integrations  
 APPROVED

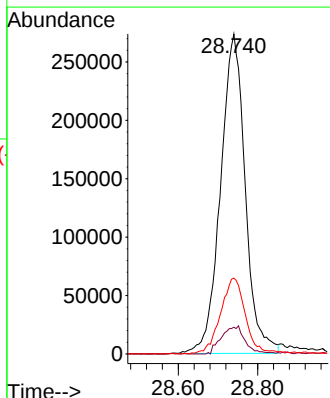
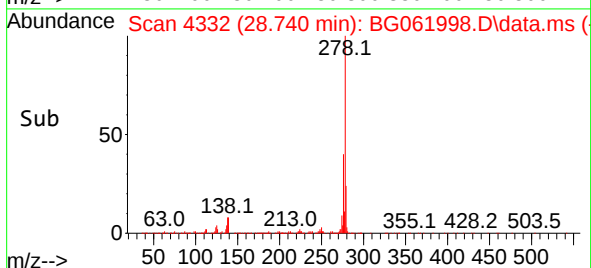
Reviewed By :Yogesh Patel 07/11/2024  
 Supervised By :mohammad ahmed 07/11/2024

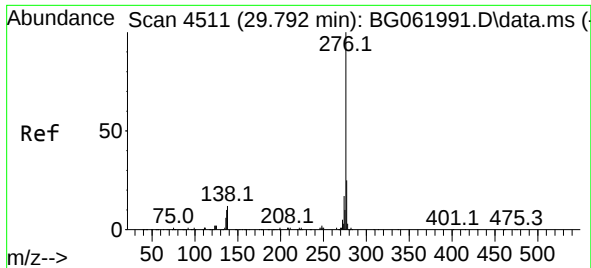


#95  
 Dibenzo(a,h)anthracene  
 Concen: 37.709 ng/ul  
 RT: 28.740 min Scan# 4332  
 Delta R.T. 0.005 min  
 Lab File: BG061998.D  
 Acq: 10 Jul 2024 14:34



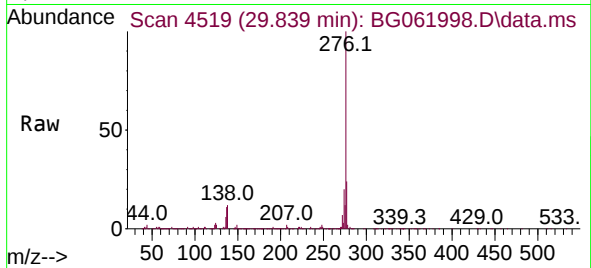
Tgt Ion:278 Resp: 1179498  
 Ion Ratio Lower Upper  
 278 100  
 139 8.4 7.6 11.4  
 279 23.7 18.8 28.2





#96  
 Benzo(g,h,i)perylene  
 Concen: 36.873 ng/ul m  
 RT: 29.839 min Scan# 4519  
 Delta R.T. 0.011 min  
 Lab File: BG061998.D  
 Acq: 10 Jul 2024 14:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 H0HC4MSD



Tgt Ion:276 Resp: 111097  
 Ion Ratio Lower Upper  
 276 100  
 138 11.9 11.1 16.7  
 277 23.6 18.8 28.2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024  
 Supervised By :mohammad ahmed 07/11/2024

