

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050124\  
 Data File : BG061076.D  
 Acq On : 1 May 2024 14:42  
 Operator : MA/JU  
 Sample : P2307-05MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

WC-2MSD

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 01 15:20:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.932  | 152  | 32335    | 20.000 | ng    | -0.03    |
| 21) Naphthalene-d8            | 10.728 | 136  | 122490   | 20.000 | ng    | -0.03    |
| 39) Acenaphthene-d10          | 14.565 | 164  | 89605    | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.315 | 188  | 194848   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12              | 21.586 | 240  | 195289   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.718 | 264  | 242302   | 20.000 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.529  | 112  | 145802   | 91.703 | ng    | -0.02    |
| 7) Phenol-d6                  | 7.109  | 99   | 193926   | 82.451 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.089  | 82   | 143943   | 58.254 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 143520   | 80.132 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.184 | 172  | 381805   | 63.008 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.929 | 244  | 649094   | 55.279 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.437  | 88   | 21211    | 32.995 | ng    | 97       |
| 3) Pyridine                   | 3.825  | 79   | 58455    | 30.901 | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.742  | 42   | 69611    | 38.301 | ng    | 100      |
| 6) Aniline                    | 7.262  | 93   | 65818    | 28.228 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.503  | 128  | 91557    | 46.938 | ng    | 96       |
| 9) Benzaldehyde               | 7.068  | 77   | 47039    | 36.327 | ng    | 94       |
| 10) Phenol                    | 7.138  | 94   | 106232   | 44.414 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.356  | 93   | 72066    | 43.613 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.826  | 146  | 97836    | 42.546 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.973  | 146  | 98045    | 41.254 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.284  | 146  | 96886    | 42.254 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.172  | 79   | 91981    | 43.353 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.454  | 45   | 165523   | 46.165 | ng    | 99       |
| 17) 2-Methylphenol            | 8.378  | 107  | 74437    | 43.670 | ng    | 93       |
| 18) Hexachloroethane          | 9.013  | 117  | 37039    | 43.677 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.737  | 70   | 65585    | 37.261 | ng    | 92       |
| 20) 3+4-Methylphenols         | 8.707  | 107  | 99806    | 40.585 | ng    | 95       |
| 22) Acetophenone              | 8.754  | 105  | 137926   | 45.214 | ng    | # 99     |
| 24) Nitrobenzene              | 9.130  | 77   | 108464   | 44.871 | ng    | 97       |
| 25) Isophorone                | 9.653  | 82   | 188506   | 41.271 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.841  | 139  | 53015    | 46.290 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.906  | 122  | 66333    | 50.238 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.135 | 93   | 99835    | 44.536 | ng    | # 96     |
| 29) 2,4-Dichlorophenol        | 10.382 | 162  | 98313    | 47.521 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.593 | 180  | 117903   | 47.298 | ng    | 99       |
| 31) Naphthalene               | 10.781 | 128  | 303514   | 47.677 | ng    | 99       |
| 32) Benzoic acid              | 10.070 | 122  | 64286m   | 42.117 | ng    |          |
| 33) 4-Chloroaniline           | 10.881 | 127  | 50003    | 19.695 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.069 | 225  | 103099   | 48.202 | ng    | 95       |
| 35) Caprolactam               | 11.668 | 113  | 26442m   | 35.491 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.021 | 107  | 102997   | 41.287 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.385 | 142  | 213237   | 44.699 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.608 | 142  | 199691   | 41.580 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.755 | 216  | 169133   | 56.559 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.738 | 237  | 94988    | 82.976 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.996 | 196  | 101440   | 52.837 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050124\  
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 Acq On : 1 May 2024 14:42  
 Operator : MA/JU  
 Sample : P2307-05MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-2MSD

Quant Time: May 01 15:20:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
 Supervised By :mohammad ahmed 05/06/2024

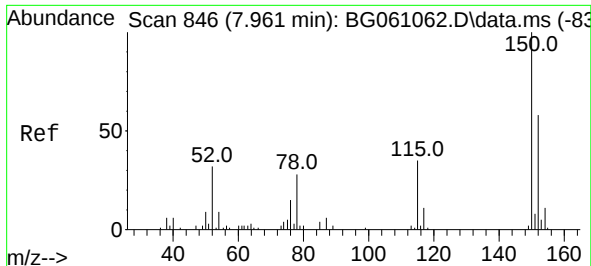
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.073 | 196  | 110563   | 50.884  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.396 | 154  | 299813   | 52.184  | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.437 | 162  | 232504   | 50.538  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.637 | 65   | 81351    | 47.652  | ng    | 96       |
| 49) Acenaphthylene            | 14.289 | 152  | 428292   | 60.613  | ng    | 98       |
| 50) Dimethylphthalate         | 14.024 | 163  | 303112   | 43.796  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.136 | 165  | 64422    | 43.517  | ng    | 97       |
| 52) Acenaphthene              | 14.630 | 154  | 230011   | 52.181  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.465 | 138  | 45091    | 33.289  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.682 | 184  | 53984    | 52.231  | ng    | 99       |
| 55) Dibenzofuran              | 14.964 | 168  | 369097   | 49.574  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.794 | 139  | 92901    | 84.866  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.929 | 165  | 89642    | 40.929  | ng    | # 97     |
| 58) Fluorene                  | 15.617 | 166  | 353851   | 54.923  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.194 | 232  | 103730m  | 46.376  | ng    |          |
| 60) Diethylphthalate          | 15.388 | 149  | 282072   | 40.416  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.605 | 204  | 169873   | 43.912  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.628 | 138  | 54010    | 36.764  | ng    | 100      |
| 63) Azobenzene                | 15.899 | 77   | 240568   | 44.279  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.699 | 198  | 42783    | 35.389  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.822 | 169  | 265976   | 55.046  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248  | 118347   | 51.560  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.621 | 284  | 139586   | 48.859  | ng    | 97       |
| 69) Atrazine                  | 16.780 | 200  | 108782   | 54.591  | ng    | 97       |
| 70) Pentachlorophenol         | 16.968 | 266  | 172441   | 98.249  | ng    | 97       |
| 71) Phenanthrene              | 17.362 | 178  | 2042757  | 229.284 | ng    | 98       |
| 72) Anthracene                | 17.450 | 178  | 867532   | 97.586  | ng    | 99       |
| 73) Carbazole                 | 17.714 | 167  | 471689   | 60.346  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.278 | 149  | 430298   | 46.296  | ng    | 98       |
| 75) Fluoranthene              | 19.389 | 202  | 4804631  | 393.646 | ng    | 82       |
| 77) Benzidine                 | 19.553 | 184  | 151267   | 41.130  | ng    | 98       |
| 78) Pyrene                    | 19.753 | 202  | 4613590  | 371.593 | ng    | # 82     |
| 80) Butylbenzylphthalate      | 20.623 | 149  | 185095   | 47.097  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.569 | 228  | 2965774  | 232.078 | ng    | 92       |
| 82) 3,3'-Dichlorobenzidine    | 21.480 | 252  | 160387   | 34.875  | ng    | 98       |
| 83) Chrysene                  | 21.639 | 228  | 2813687m | 235.006 | ng    |          |
| 84) Bis(2-ethylhexyl)phtha... | 21.475 | 149  | 263062   | 51.259  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.661 | 149  | 453932   | 50.134  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.302 | 276  | 2237594  | 139.346 | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 23.748 | 252  | 3598476  | 265.768 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.801 | 252  | 1628989  | 125.058 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.594 | 252  | 2842225  | 240.945 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.331 | 278  | 783391   | 58.910  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.406 | 276  | 1728340  | 130.787 | ng    | 96       |

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

## Manual Integrations

Quant Time: May 01 15:20:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 05:11:25 2024  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.932 min Scan# 841  
Delta R.T. -0.029 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

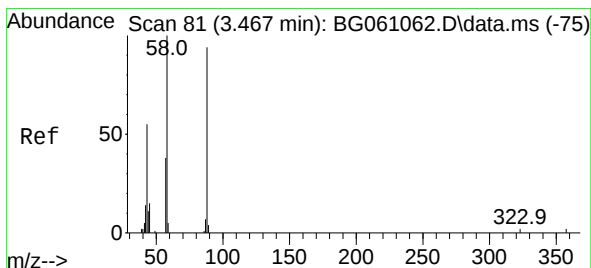
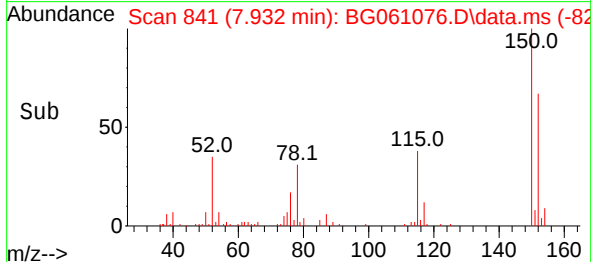
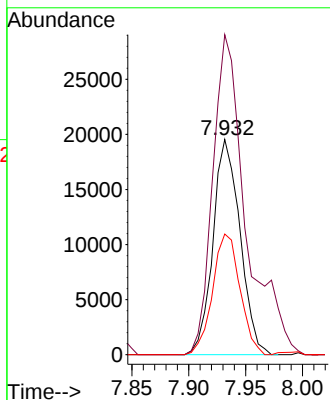
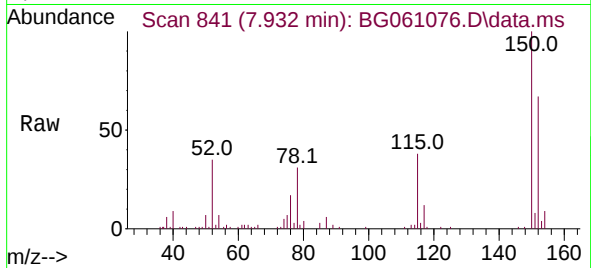
WC-2MSD

Tgt Ion:152 Resp: 3233  
Ion Ratio Lower Upper  
152 100  
150 148.7 138.3 207.5  
115 56.1 48.0 72.0

Manual Integrations

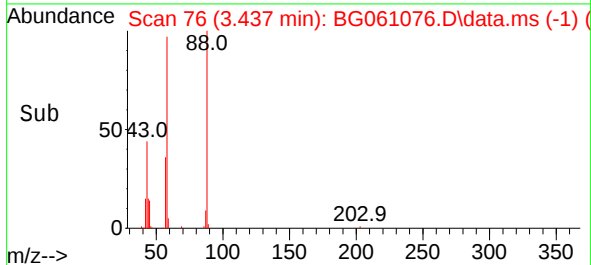
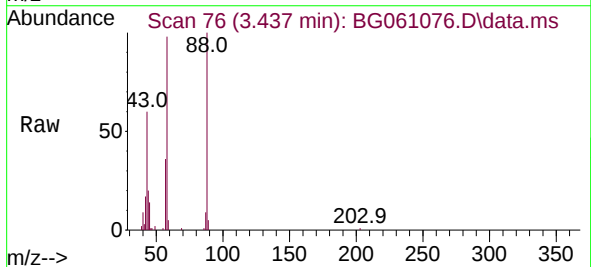
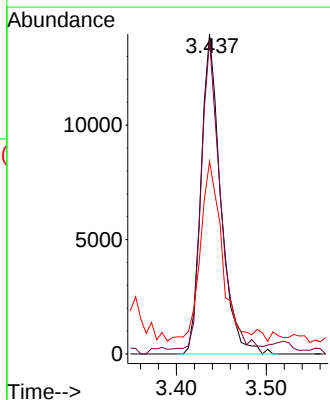
APPROVED

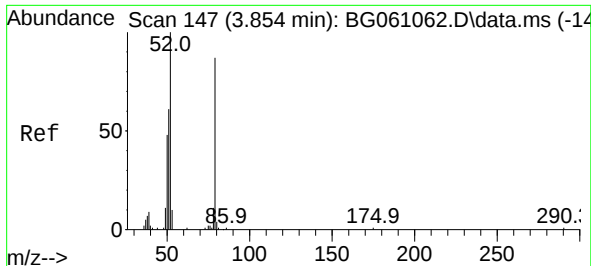
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#2  
1,4-Dioxane  
Concen: 32.995 ng  
RT: 3.437 min Scan# 76  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

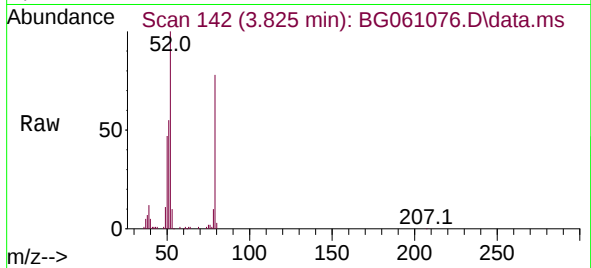
Tgt Ion: 88 Resp: 21211  
Ion Ratio Lower Upper  
88 100  
58 97.2 81.2 121.8  
43 57.0 45.0 67.4





#3  
Pyridine  
Concen: 30.901 ng  
RT: 3.825 min Scan# 147  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

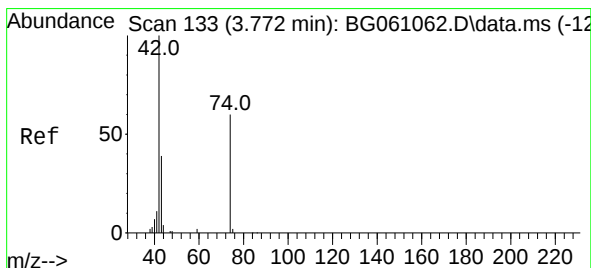
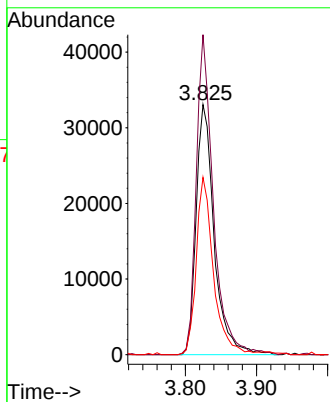
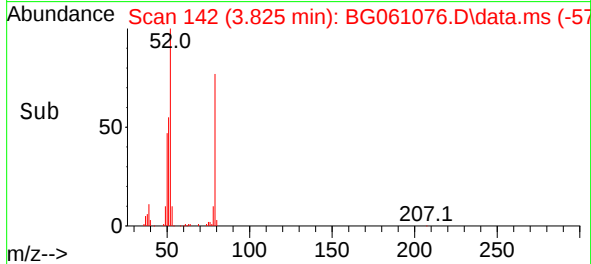
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion: 79 Resp: 5845  
Ion Ratio Lower Upper  
79 100  
52 127.9 91.6 137.4  
51 70.9 57.0 85.4

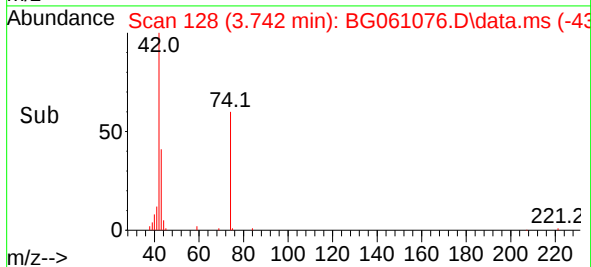
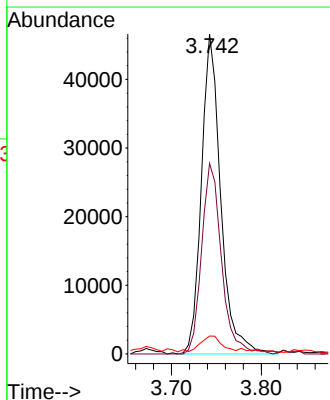
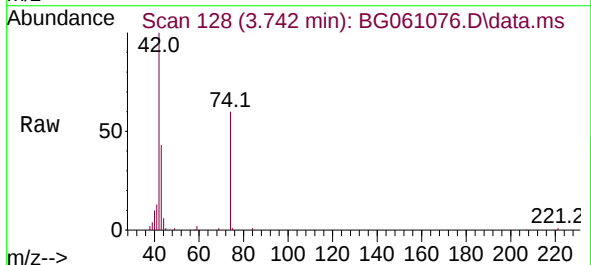
Manual Integrations  
APPROVED

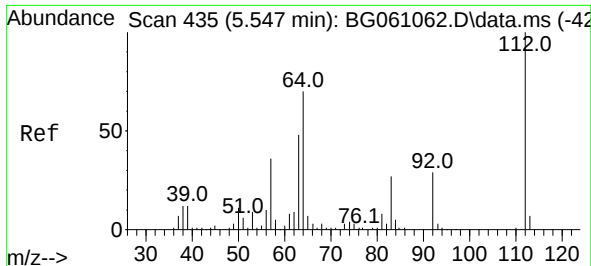
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#4  
n-Nitrosodimethylamine  
Concen: 38.301 ng  
RT: 3.742 min Scan# 128  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion: 42 Resp: 69611  
Ion Ratio Lower Upper  
42 100  
74 59.5 47.8 71.8  
44 5.6 4.7 7.1





#5  
2-Fluorophenol  
Concen: 91.703 ng  
RT: 5.529 min Scan# 411  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

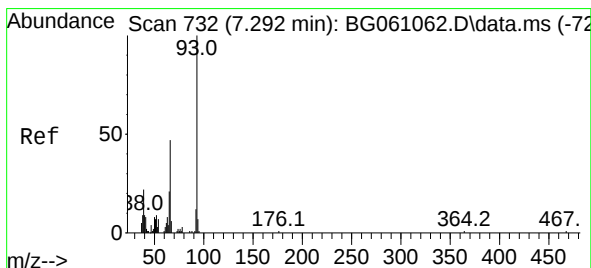
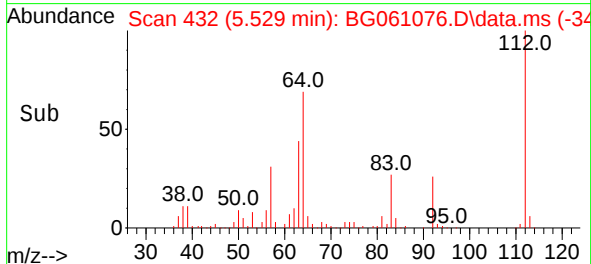
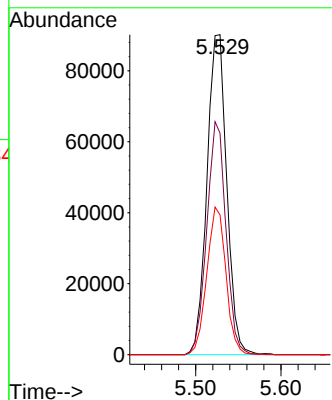
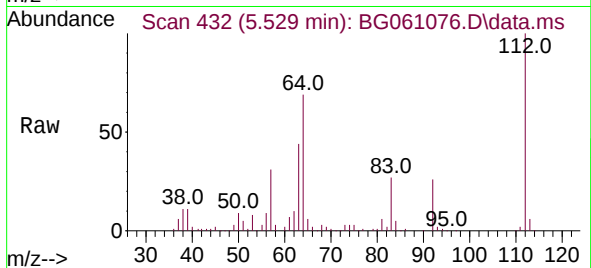
WC-2MSD

Tgt Ion:112 Resp: 145802  
Ion Ratio Lower Upper  
112 100  
64 69.2 55.7 83.5  
63 43.7 38.1 57.1

Manual Integrations

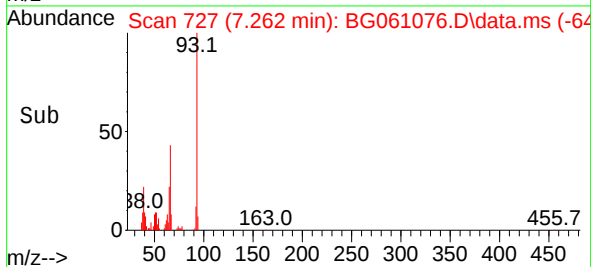
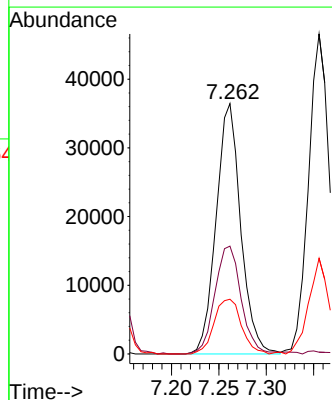
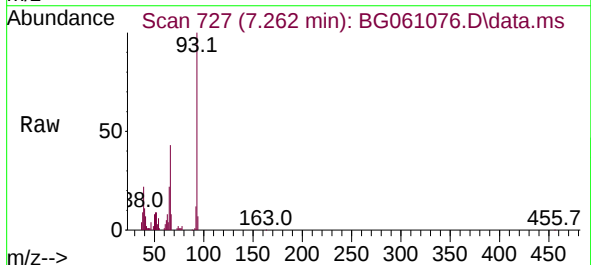
APPROVED

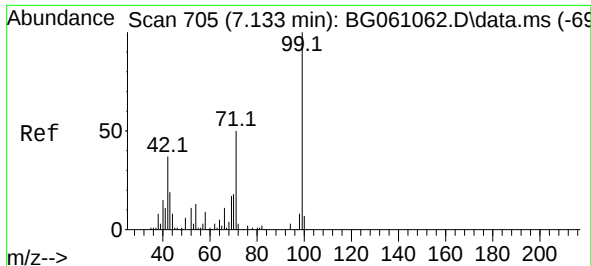
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#6  
Aniline  
Concen: 28.228 ng  
RT: 7.262 min Scan# 727  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

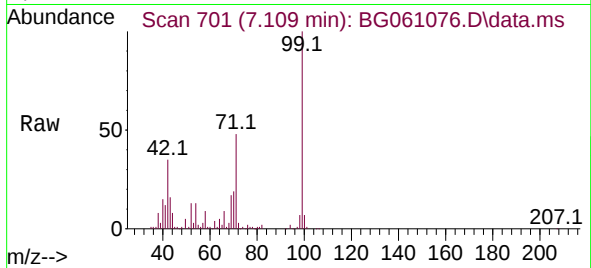
Tgt Ion: 93 Resp: 65818  
Ion Ratio Lower Upper  
93 100  
66 43.1 37.4 56.0  
65 21.8 16.6 24.8





#7  
Phenol-d6  
Concen: 82.451 ng  
RT: 7.109 min Scan# 705  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

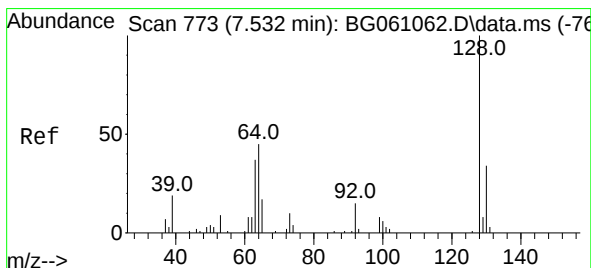
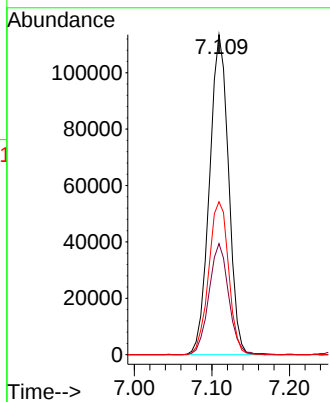
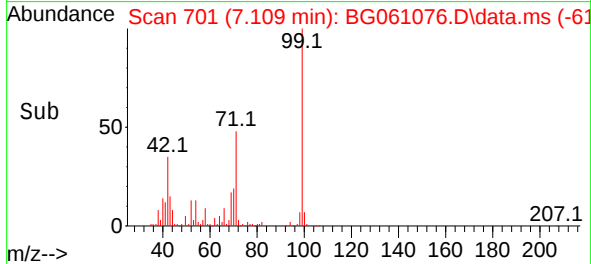
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion: 99 Resp: 193920  
Ion Ratio Lower Upper  
99 100  
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71 47.8 39.7 59.5

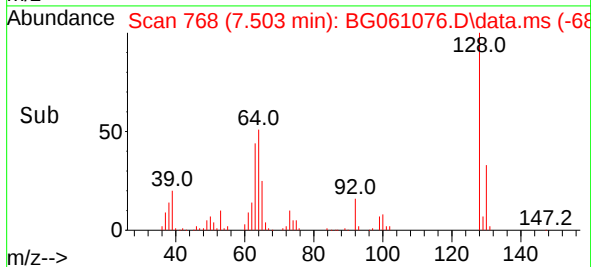
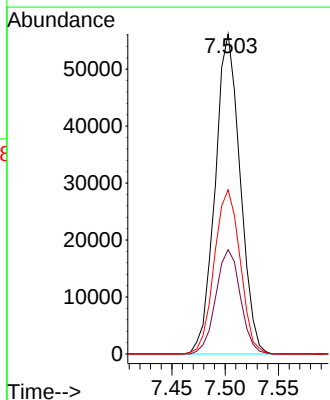
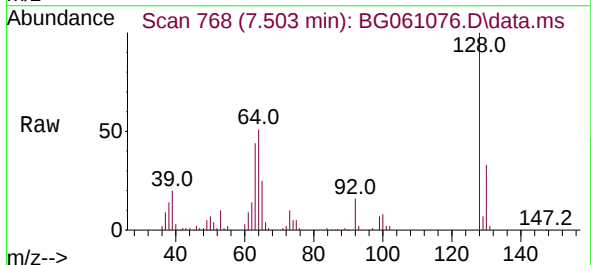
Manual Integrations  
APPROVED

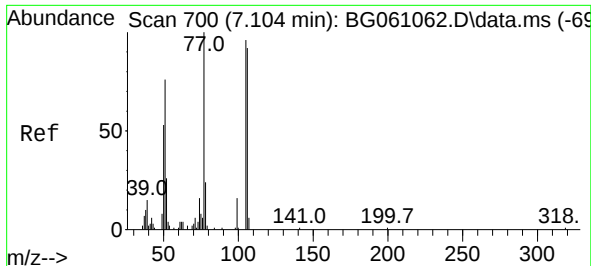
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#8  
2-Chlorophenol  
Concen: 46.938 ng  
RT: 7.503 min Scan# 768  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

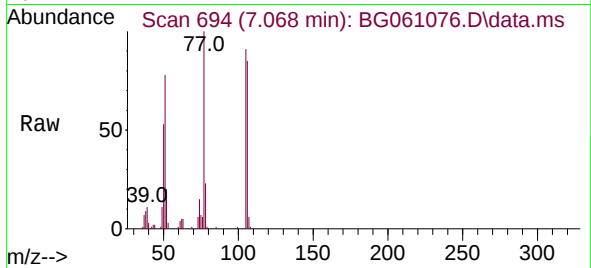
Tgt Ion:128 Resp: 91557  
Ion Ratio Lower Upper  
128 100  
130 32.6 14.1 54.1  
64 51.3 34.8 74.8





#9  
Benzaldehyde  
Concen: 36.327 ng  
RT: 7.068 min Scan# 694  
Delta R.T. -0.036 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

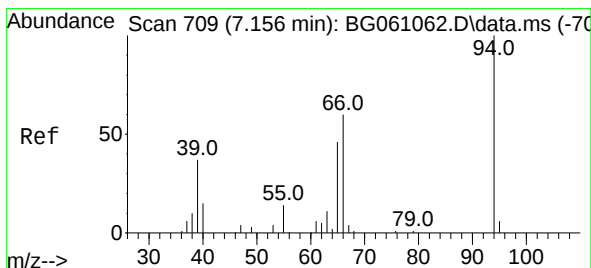
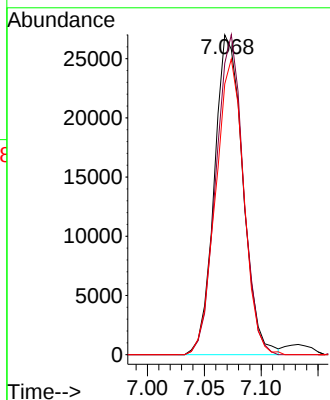
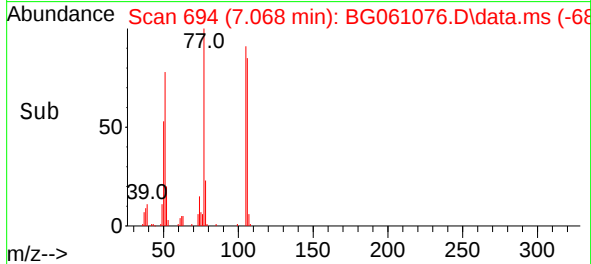
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion: 77 Resp: 47039  
Ion Ratio Lower Upper  
77 100  
105 91.1 76.0 116.0  
106 84.6 72.3 112.3

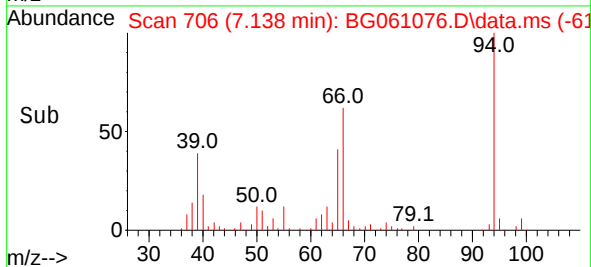
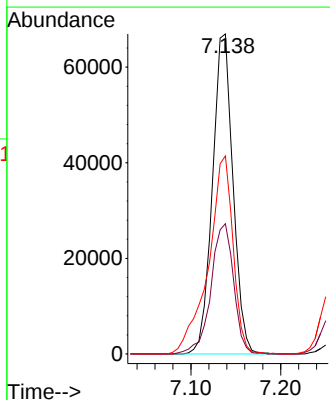
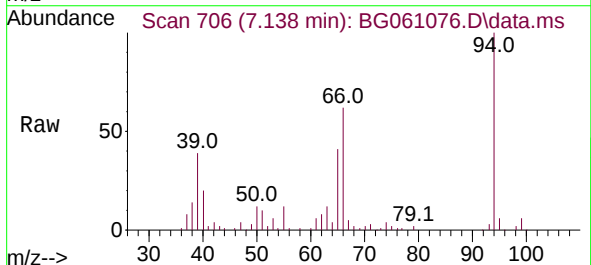
Manual Integrations  
APPROVED

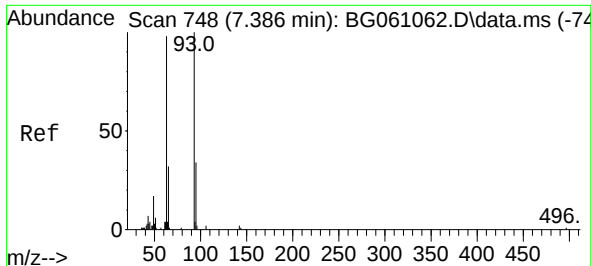
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#10  
Phenol  
Concen: 44.414 ng  
RT: 7.138 min Scan# 706  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion: 94 Resp: 106232  
Ion Ratio Lower Upper  
94 100  
65 40.7 26.8 66.8  
66 61.9 44.7 84.7





#11

bis(2-Chloroethyl)ether

Concen: 43.613 ng

RT: 7.356 min Scan# 748

Delta R.T. -0.030 min

Lab File: BG061076.D

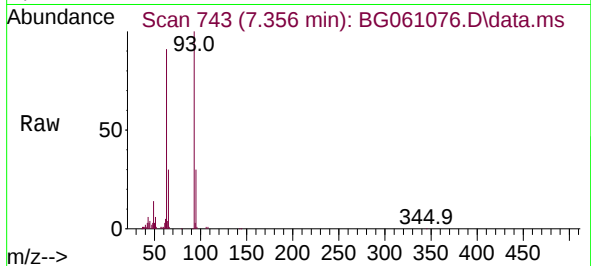
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD



Tgt Ion: 93 Resp: 7206

Ion Ratio Lower Upper

93 100

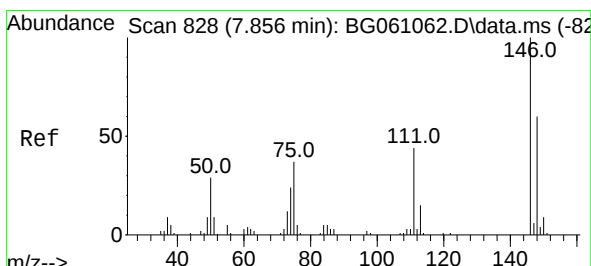
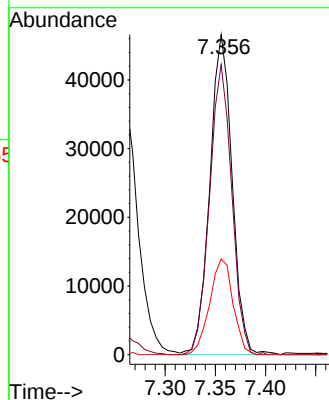
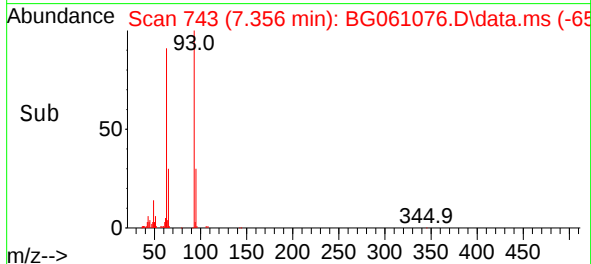
63 90.6 76.8 116.8

95 29.9 13.6 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#12

1,3-Dichlorobenzene

Concen: 42.546 ng

RT: 7.826 min Scan# 823

Delta R.T. -0.030 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

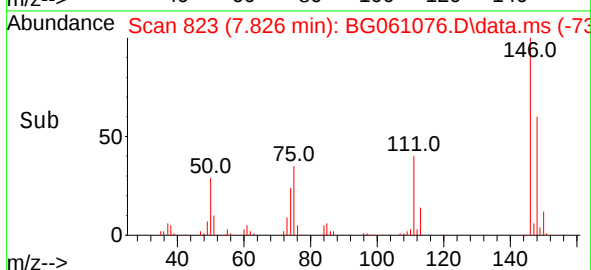
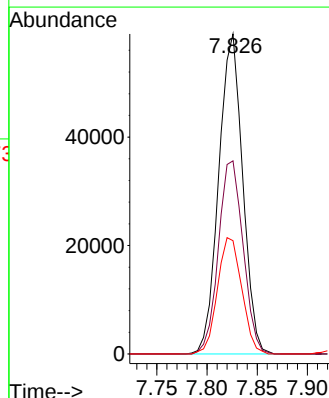
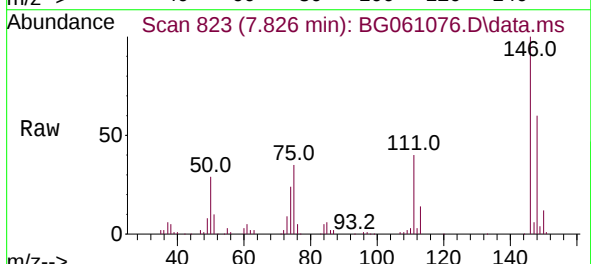
Tgt Ion:146 Resp: 97836

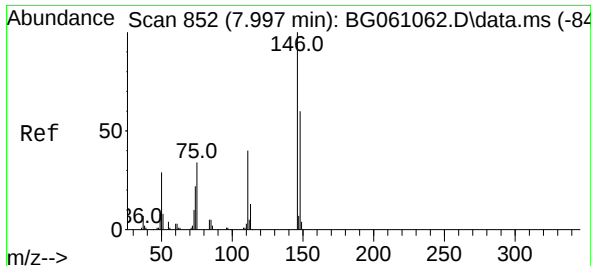
Ion Ratio Lower Upper

146 100

148 60.3 48.0 72.0

75 35.4 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 41.254 ng

RT: 7.973 min Scan# 84

Delta R.T. -0.024 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

Tgt Ion:146 Resp: 9804

Ion Ratio Lower Upper

146 100

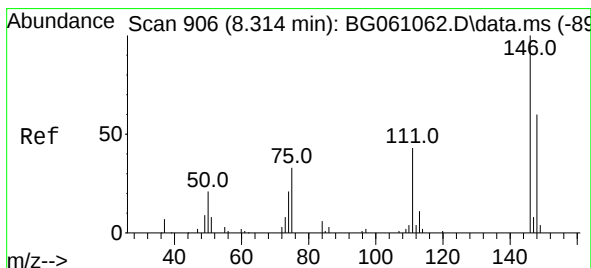
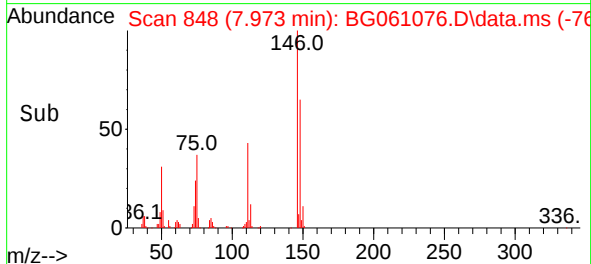
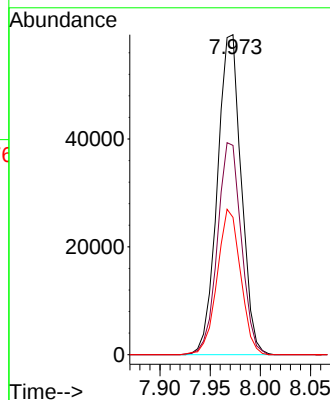
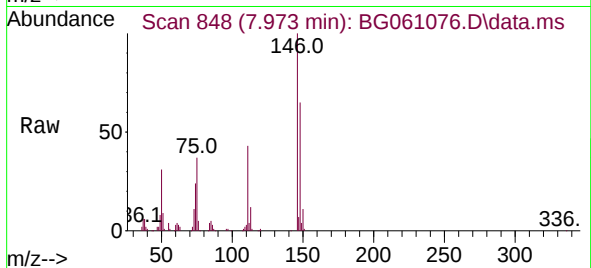
148 65.4 48.1 72.1

111 42.9 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#14

1,2-Dichlorobenzene

Concen: 42.254 ng

RT: 8.284 min Scan# 901

Delta R.T. -0.030 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

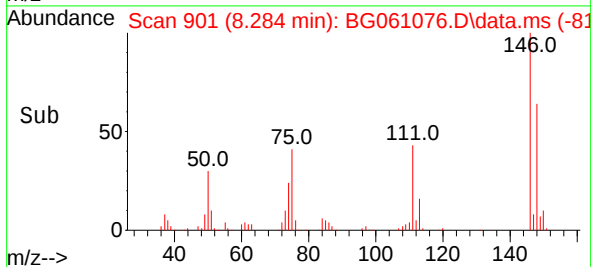
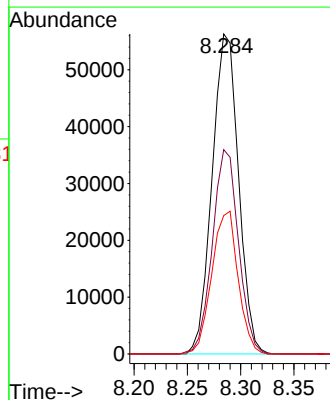
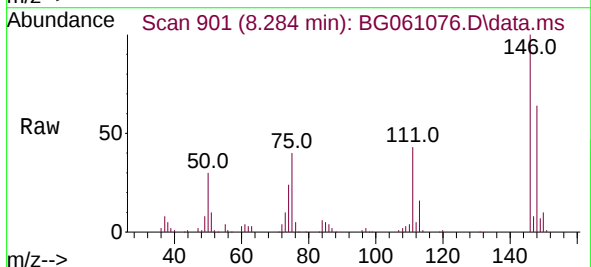
Tgt Ion:146 Resp: 96886

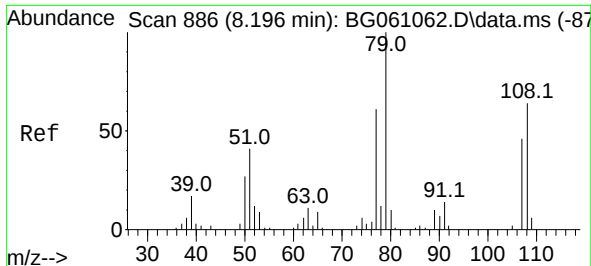
Ion Ratio Lower Upper

146 100

148 63.8 48.2 72.2

111 43.3 36.2 54.2





#15  
Benzyl Alcohol  
Concen: 43.353 ng  
RT: 8.172 min Scan# 80  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

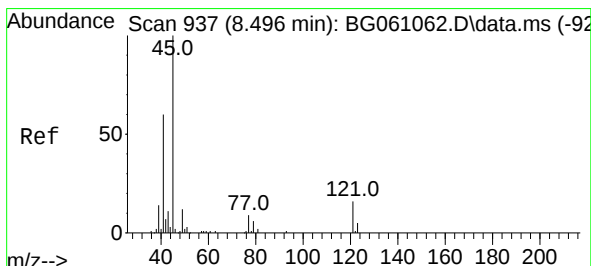
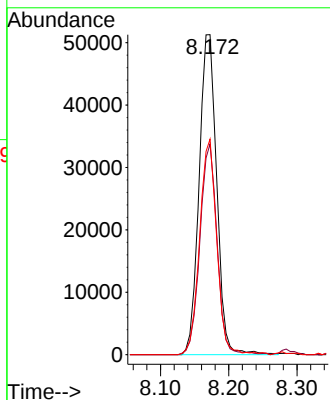
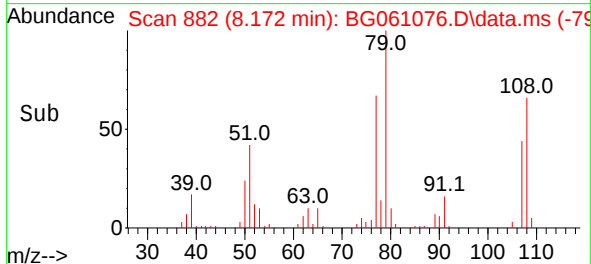
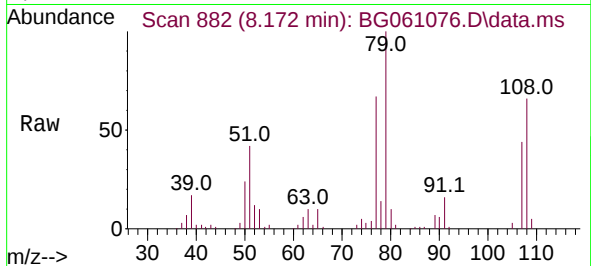
WC-2MSD

Tgt Ion: 79 Resp: 9198  
Ion Ratio Lower Upper  
79 100  
108 65.8 51.1 76.7  
77 67.4 49.0 73.6

Manual Integrations

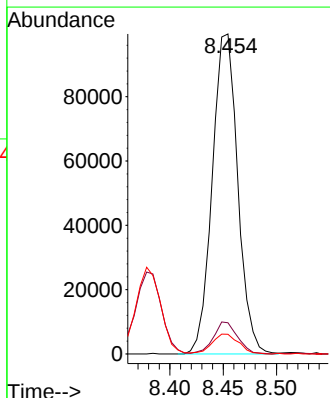
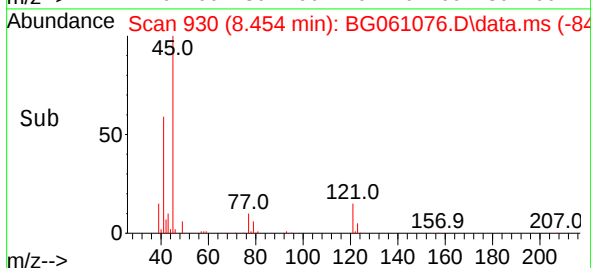
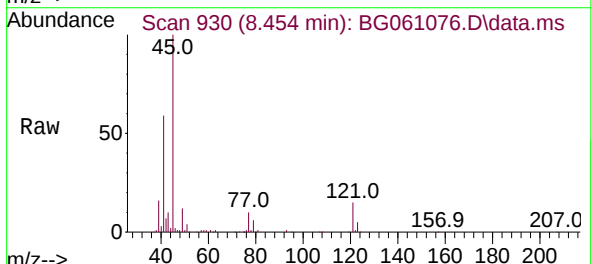
APPROVED

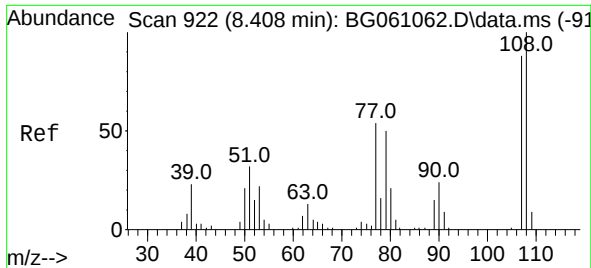
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.165 ng  
RT: 8.454 min Scan# 930  
Delta R.T. -0.042 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion: 45 Resp: 165523  
Ion Ratio Lower Upper  
45 100  
77 9.7 0.0 30.2  
79 6.1 0.0 26.5





#17  
2-Methylphenol  
Concen: 43.670 ng  
RT: 8.378 min Scan# 917  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

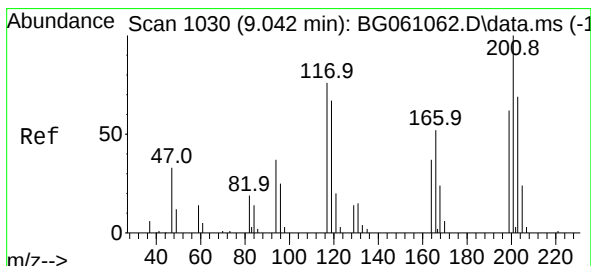
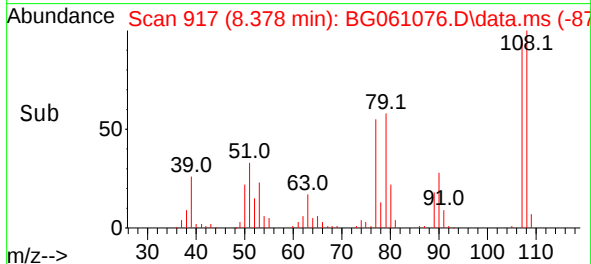
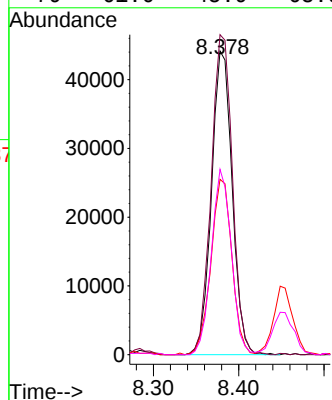
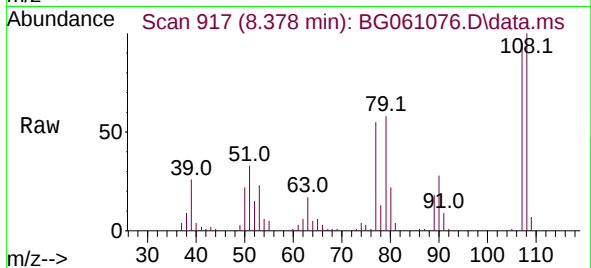
WC-2MSD

Tgt Ion:107 Resp: 7443  
Ion Ratio Lower Upper  
107 100  
108 105.4 91.4 137.2  
77 57.7 49.4 74.2  
79 61.0 45.9 68.9

Manual Integrations

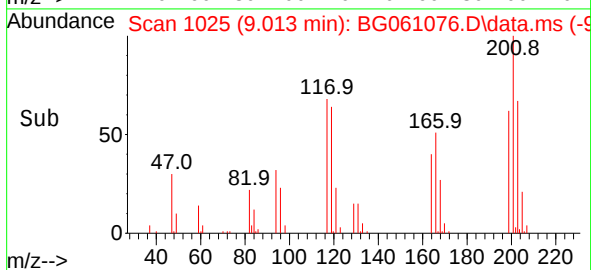
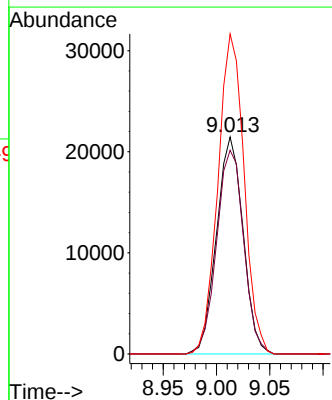
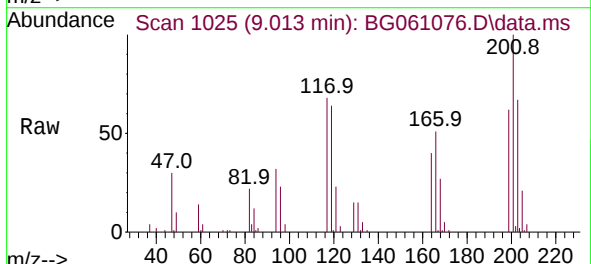
APPROVED

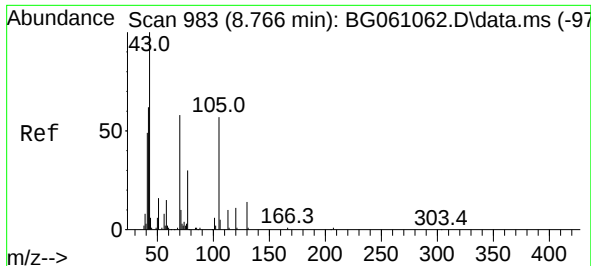
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#18  
Hexachloroethane  
Concen: 43.677 ng  
RT: 9.013 min Scan# 1025  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

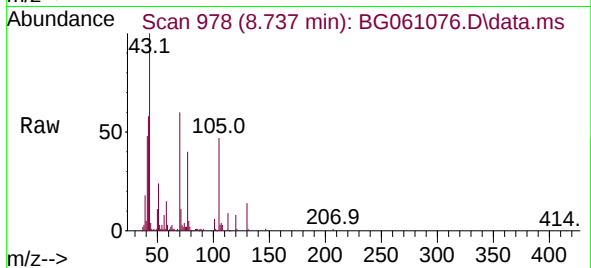
Tgt Ion:117 Resp: 37039  
Ion Ratio Lower Upper  
117 100  
119 95.4 71.4 107.0  
201 147.5 105.8 158.8





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.261 ng  
RT: 8.737 min Scan# 91  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

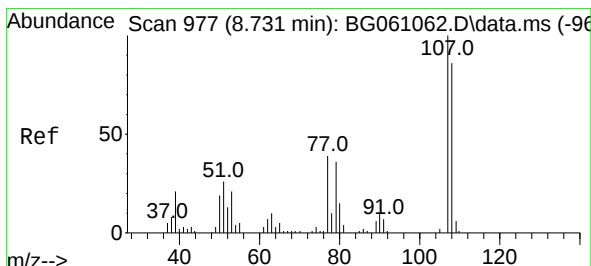
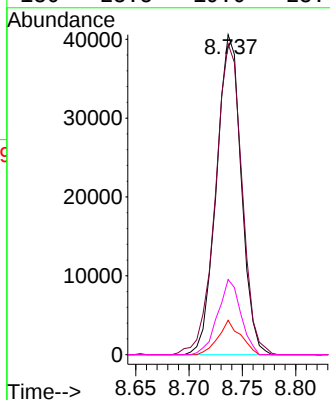
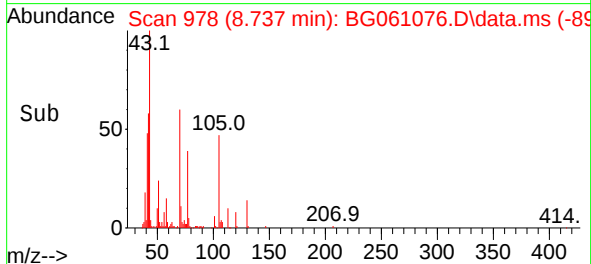
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



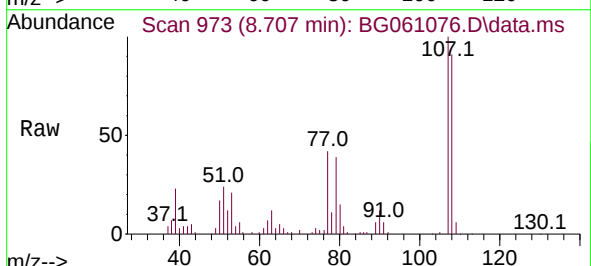
Tgt Ion: 70 Resp: 6558  
Ion Ratio Lower Upper  
70 100  
42 97.2 86.4 129.6  
101 10.7 7.8 11.8  
130 23.5 19.0 28.4

Manual Integrations  
APPROVED

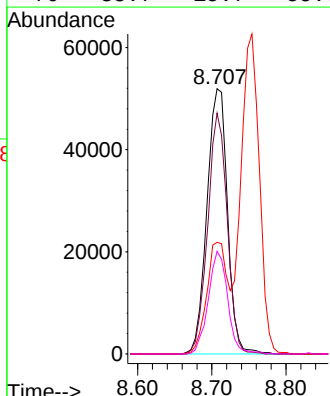
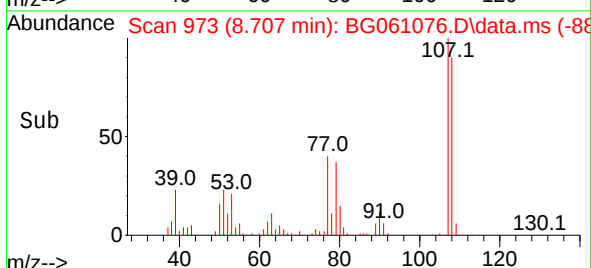
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

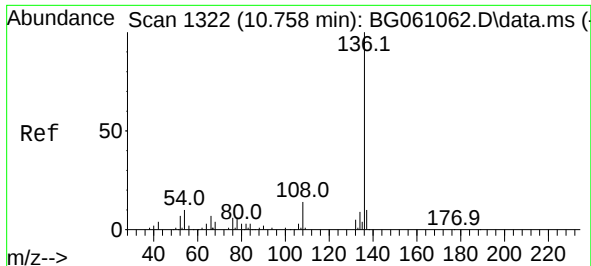


#20  
3+4-Methylphenols  
Concen: 40.585 ng  
RT: 8.707 min Scan# 973  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



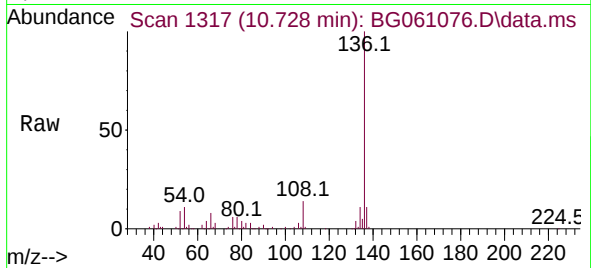
Tgt Ion:107 Resp: 99806  
Ion Ratio Lower Upper  
107 100  
108 90.8 65.7 105.7  
77 42.1 19.4 59.4  
79 38.7 15.7 55.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 14  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

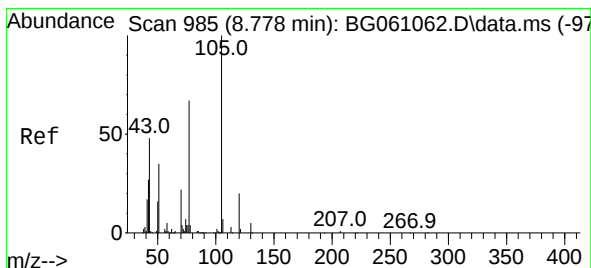
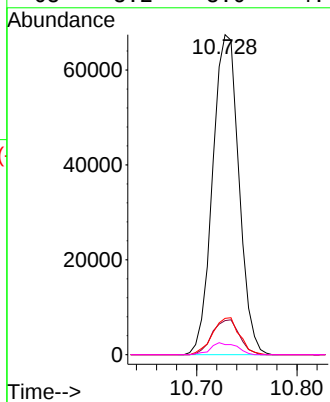
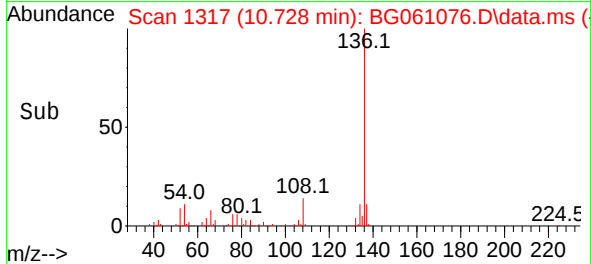
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:136 Resp: 122490  
Ion Ratio Lower Upper  
136 100  
137 10.7 7.8 11.6  
54 11.4 8.1 12.1  
68 3.2 3.0 4.4

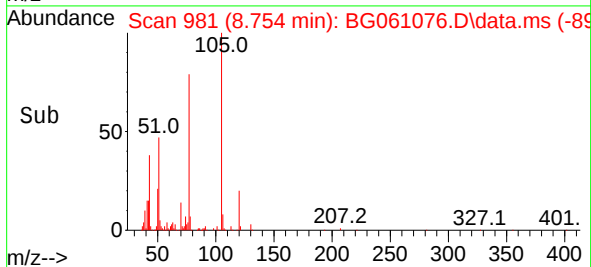
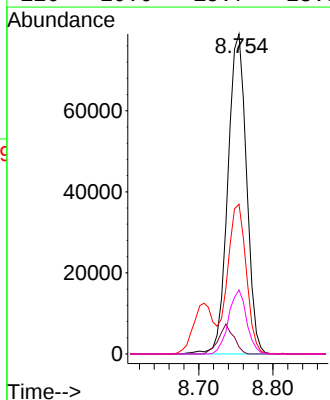
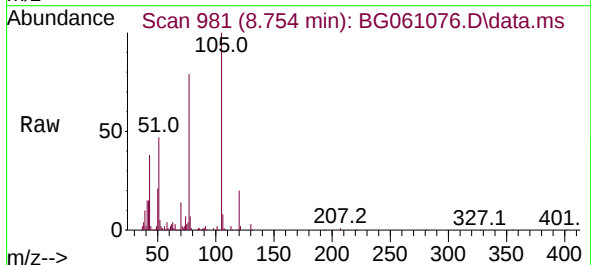
Manual Integrations  
APPROVED

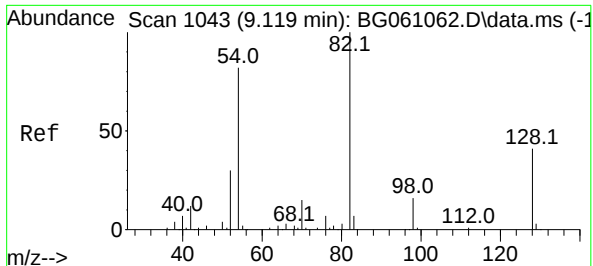
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#22  
Acetophenone  
Concen: 45.214 ng  
RT: 8.754 min Scan# 981  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion:105 Resp: 137926  
Ion Ratio Lower Upper  
105 100  
71 2.2 3.3 4.9#  
51 46.8 36.7 55.1  
120 20.0 15.7 23.5





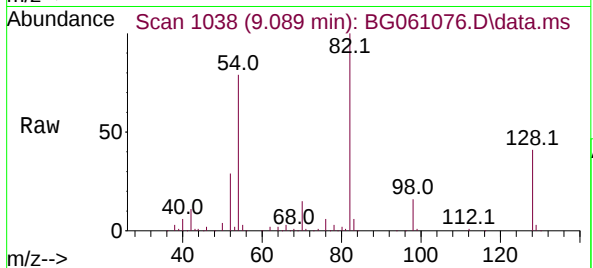
#23  
Nitrobenzene-d5  
Concen: 58.254 ng  
RT: 9.089 min Scan# 1038  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

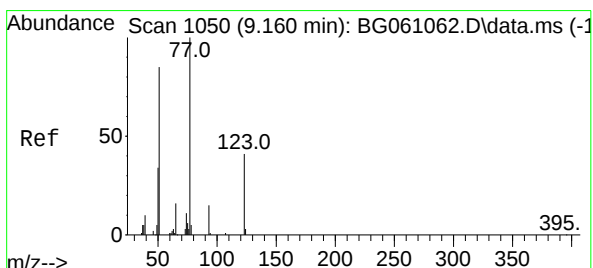
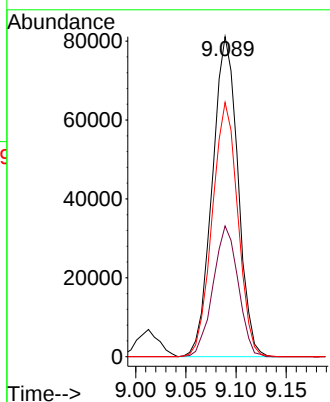
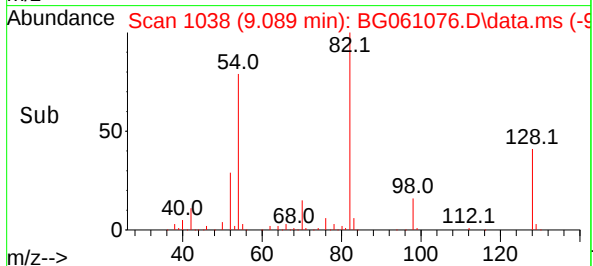


Tgt Ion: 82 Resp: 14394  
Ion Ratio Lower Upper  
82 100  
128 40.8 32.7 49.1  
54 79.4 65.6 98.4

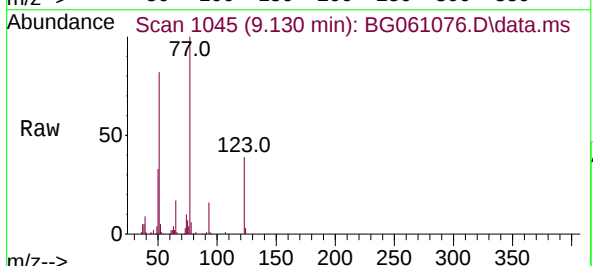
Manual Integrations

APPROVED

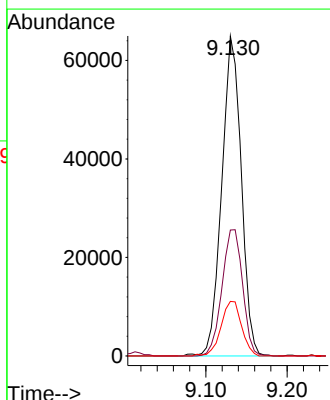
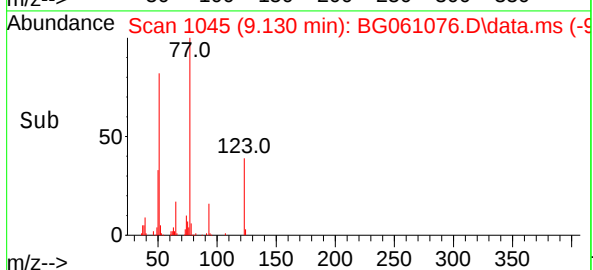
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

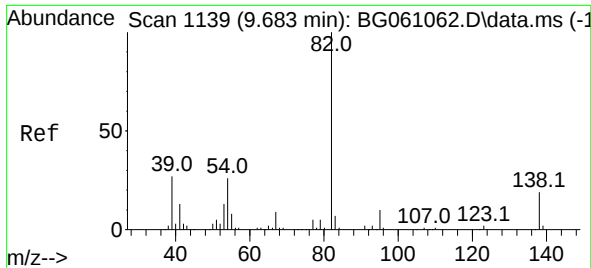


#24  
Nitrobenzene  
Concen: 44.871 ng  
RT: 9.130 min Scan# 1045  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



Tgt Ion: 77 Resp: 108464  
Ion Ratio Lower Upper  
77 100  
123 39.3 33.1 49.7  
65 17.1 13.1 19.7





#25  
Isophorone  
Concen: 41.271 ng  
RT: 9.653 min Scan# 1134  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

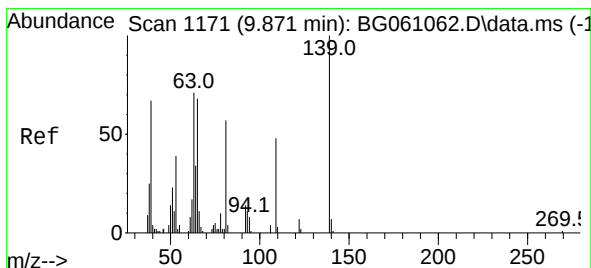
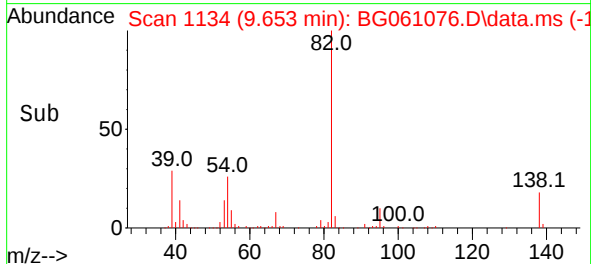
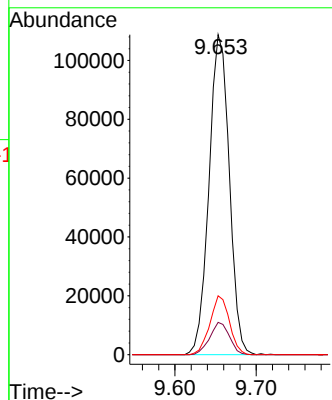
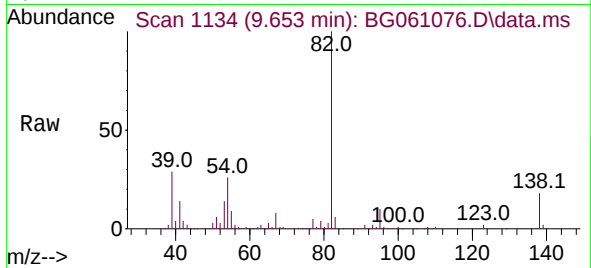
WC-2MSD

Tgt Ion: 82 Resp: 188500  
Ion Ratio Lower Upper  
82 100  
95 10.1 8.3 12.5  
138 18.4 15.2 22.8

Manual Integrations

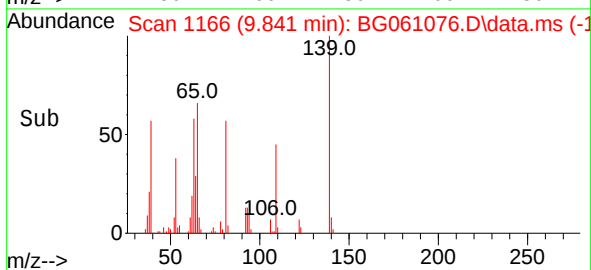
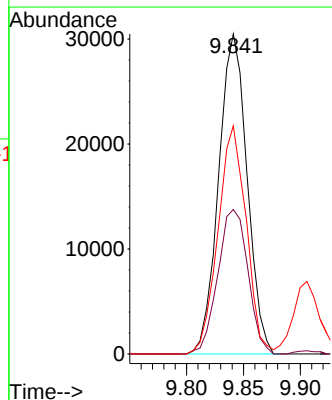
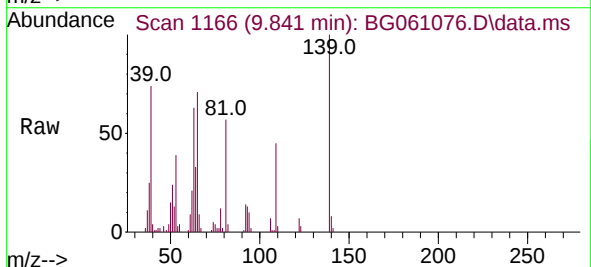
APPROVED

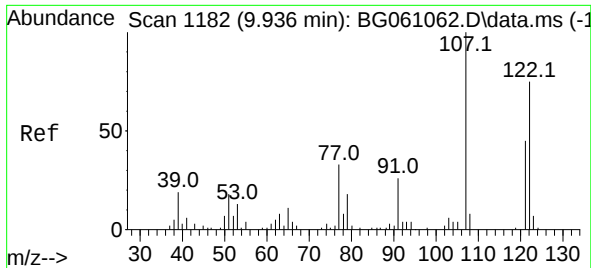
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#26  
2-Nitrophenol  
Concen: 46.290 ng  
RT: 9.841 min Scan# 1166  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion:139 Resp: 53015  
Ion Ratio Lower Upper  
139 100  
109 45.2 38.5 57.7  
65 71.3 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 50.238 ng

RT: 9.906 min Scan# 1177

Delta R.T. -0.030 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

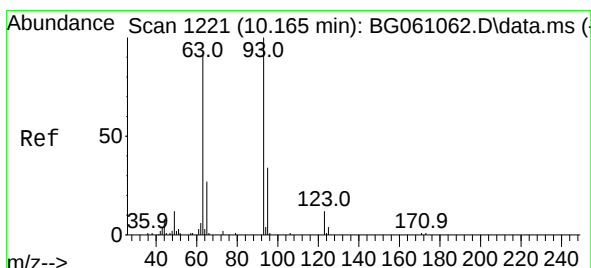
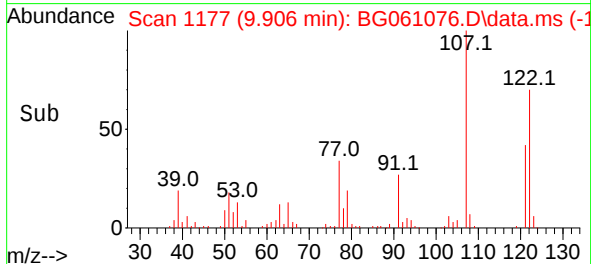
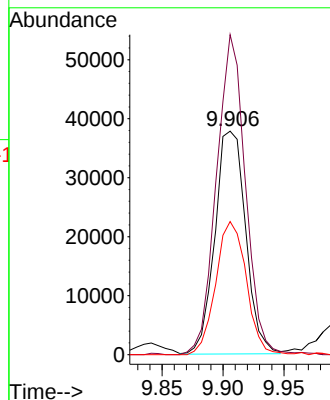
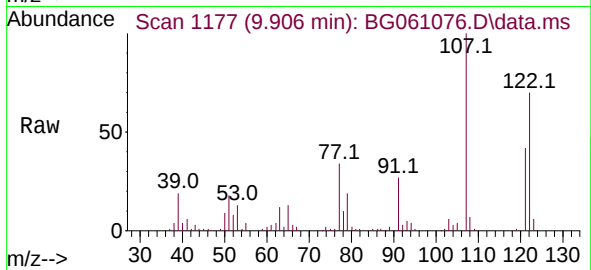
WC-2MSD

Tgt Ion:122 Resp: 6633  
 Ion Ratio Lower Upper  
 122 100  
 107 143.1 106.9 160.3  
 121 59.6 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
 Supervised By :mohammad ahmed 05/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.536 ng

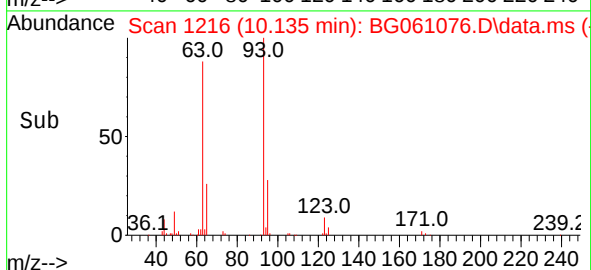
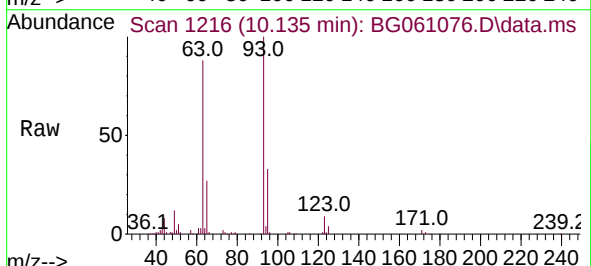
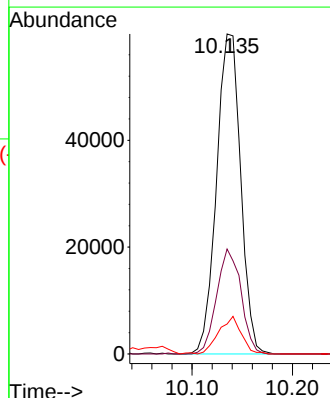
RT: 10.135 min Scan# 1216

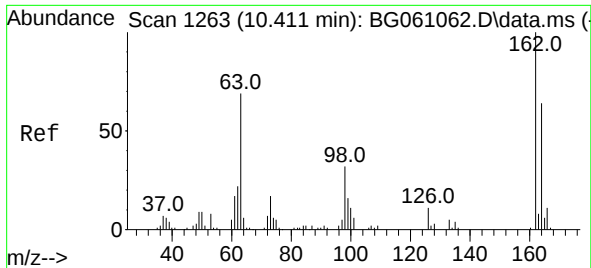
Delta R.T. -0.030 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Tgt Ion: 93 Resp: 99835  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 27.4 41.0  
 123 9.4 9.7 14.5#





#29

2,4-Dichlorophenol

Concen: 47.521 ng

RT: 10.382 min Scan# 1258

Delta R.T. -0.030 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

Tgt Ion:162 Resp: 9831

Ion Ratio Lower Upper

162 100

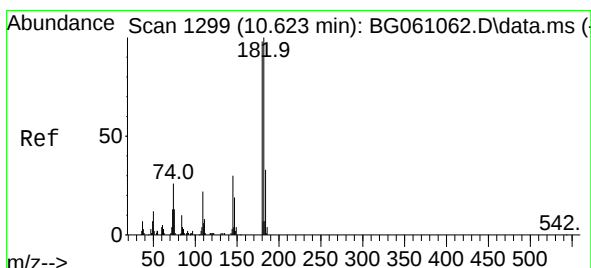
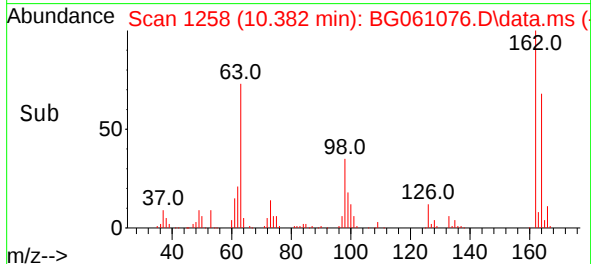
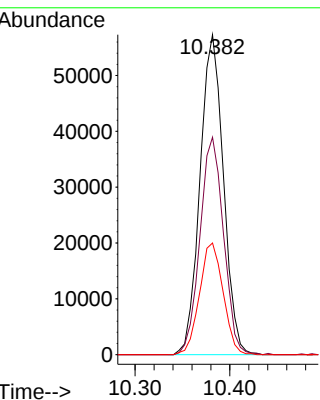
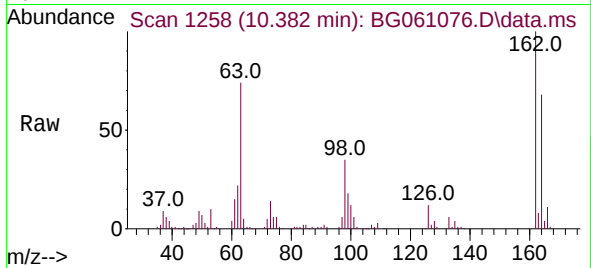
164 68.0 43.6 83.6

98 34.9 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.298 ng

RT: 10.593 min Scan# 1294

Delta R.T. -0.030 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

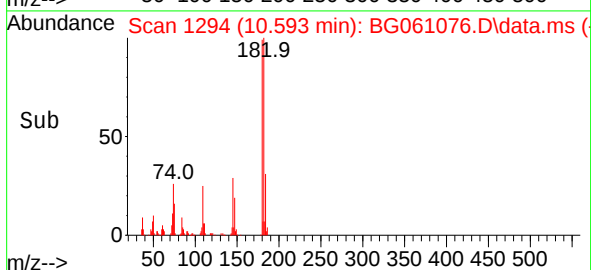
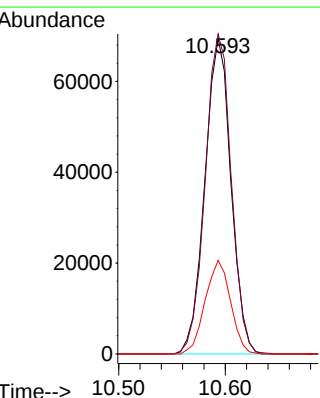
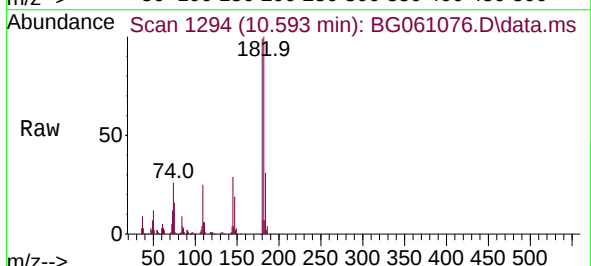
Tgt Ion:180 Resp: 117903

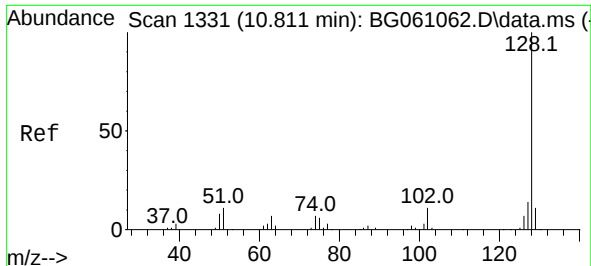
Ion Ratio Lower Upper

180 100

182 101.4 81.7 122.5

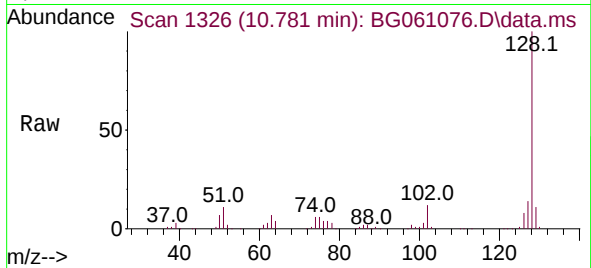
145 29.7 24.5 36.7





#31  
Naphthalene  
Concen: 47.677 ng  
RT: 10.781 min Scan# 1331  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

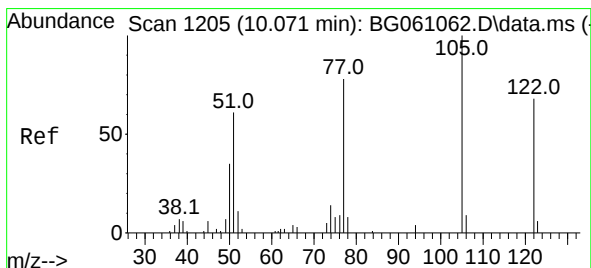
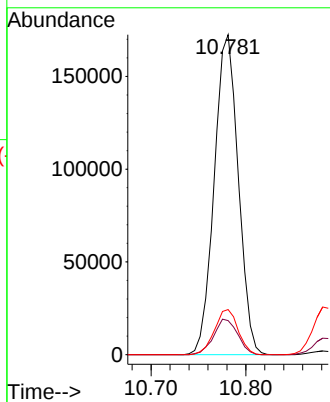
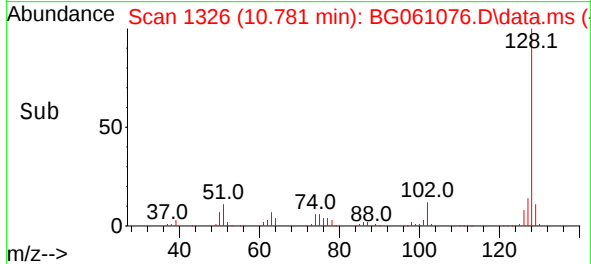
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



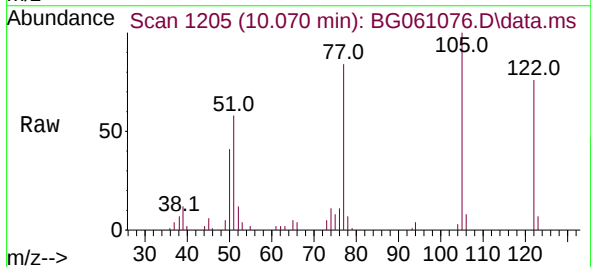
Tgt Ion:128 Resp: 303514  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.9 13.3  
127 14.1 11.1 16.7

Manual Integrations  
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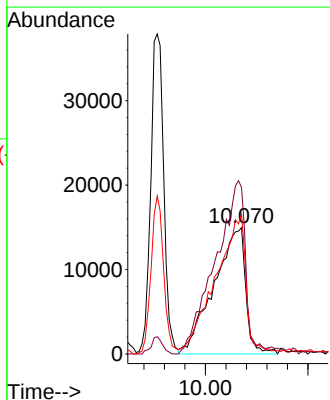
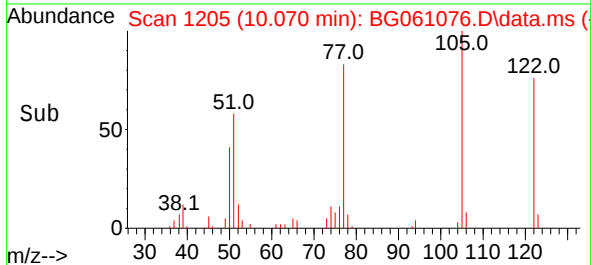
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

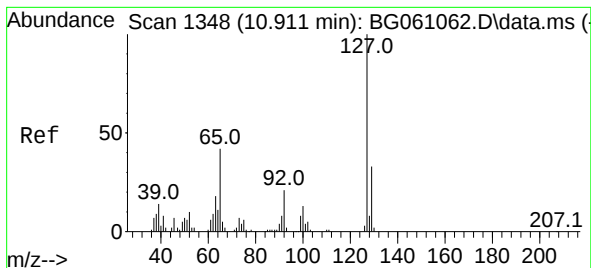


#32  
Benzoic acid  
Concen: 42.117 ng m  
RT: 10.070 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



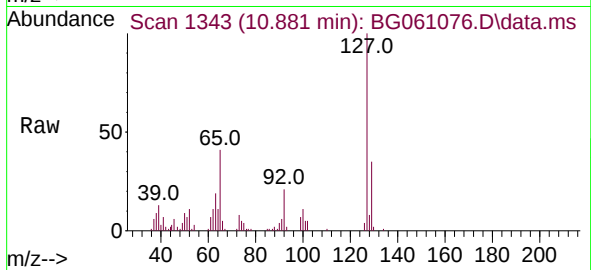
Tgt Ion:122 Resp: 64286  
Ion Ratio Lower Upper  
122 100  
105 131.8 123.3 163.3  
77 110.7 93.2 133.2





#33  
4-Chloroaniline  
Concen: 19.695 ng  
RT: 10.881 min Scan# 1343  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

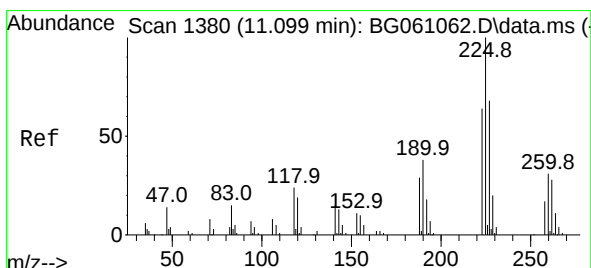
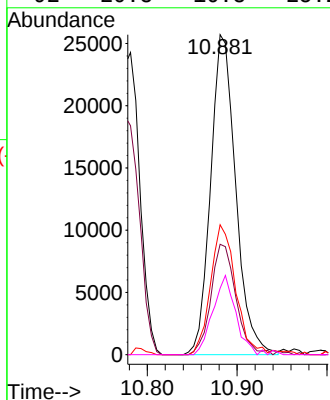
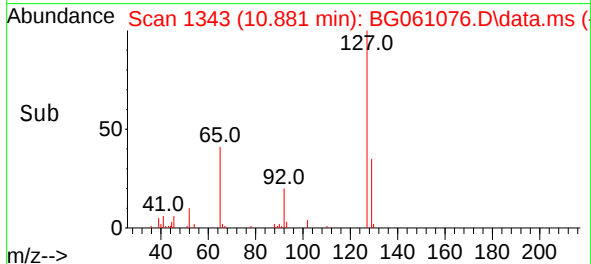
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



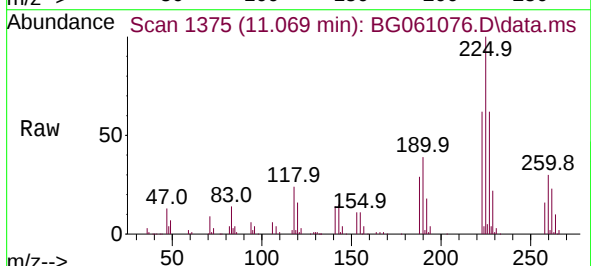
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 127   | Resp: | 5000 |
| Ion Ratio | Lower | Upper |      |
| 127       | 100   |       |      |
| 129       | 34.5  | 26.6  | 39.8 |
| 65        | 40.6  | 33.6  | 50.4 |
| 92        | 20.8  | 16.8  | 25.2 |

Manual Integrations  
APPROVED

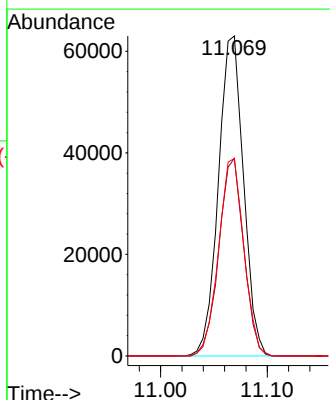
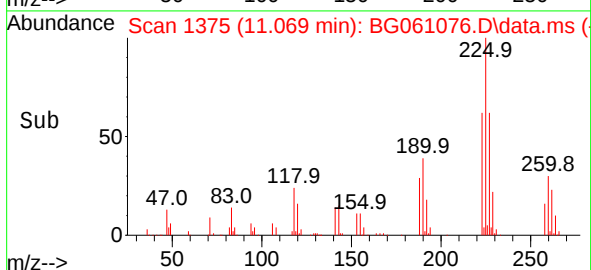
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

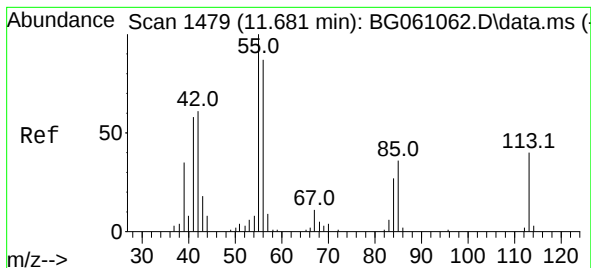


#34  
Hexachlorobutadiene  
Concen: 48.202 ng  
RT: 11.069 min Scan# 1375  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



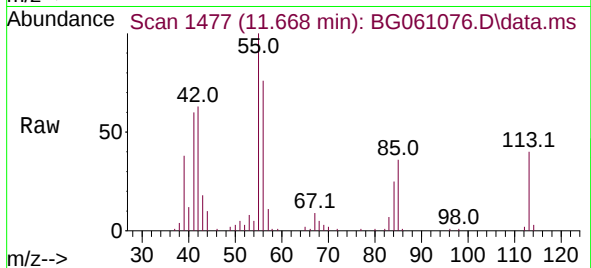
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 103099 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.8  | 51.0  | 76.4   |
| 227       | 61.7  | 54.6  | 82.0   |





#35  
Caprolactam  
Concen: 35.491 ng m  
RT: 11.668 min Scan# 1479  
Delta R.T. -0.012 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

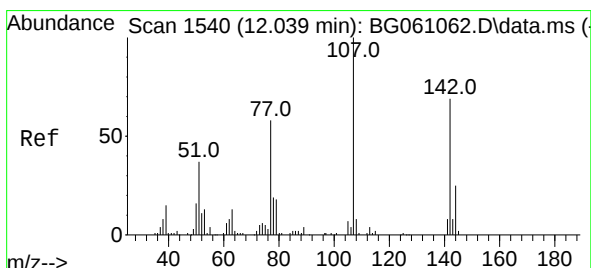
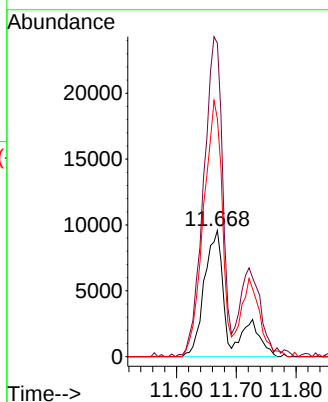
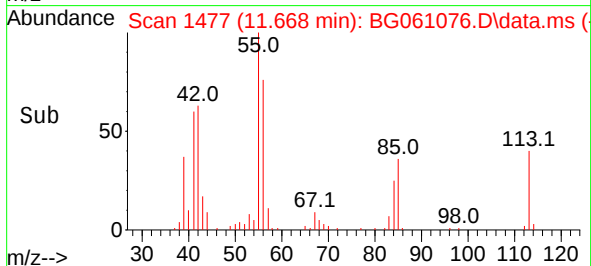
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:113 Resp: 2644  
Ion Ratio Lower Upper  
113 100  
55 248.2 227.6 267.6  
56 188.4 195.1 235.1

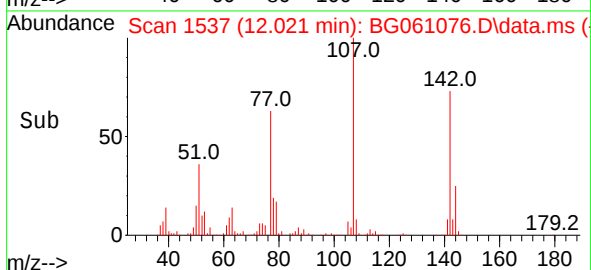
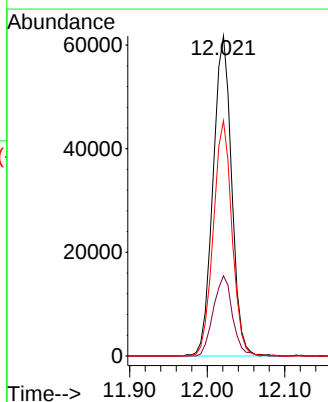
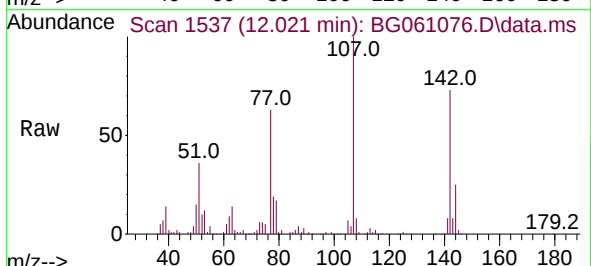
Manual Integrations  
APPROVED

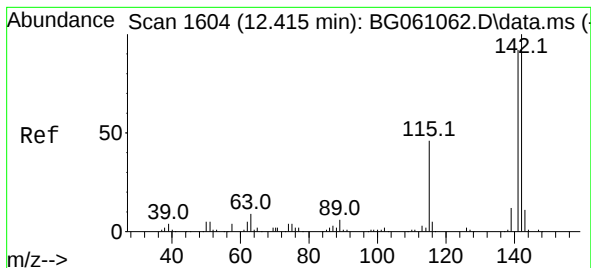
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#36  
4-Chloro-3-methylphenol  
Concen: 41.287 ng  
RT: 12.021 min Scan# 1537  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

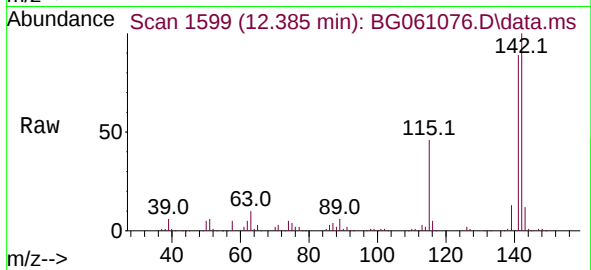
Tgt Ion:107 Resp: 102997  
Ion Ratio Lower Upper  
107 100  
144 25.1 20.2 30.4  
142 73.5 55.6 83.4





#37  
2-Methylnaphthalene  
Concen: 44.699 ng  
RT: 12.385 min Scan# 1604  
Delta R.T. -0.030 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

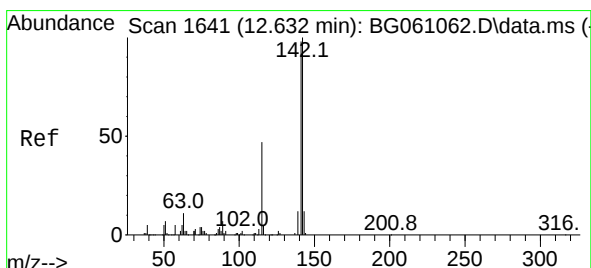
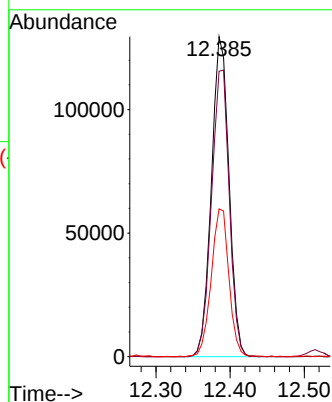
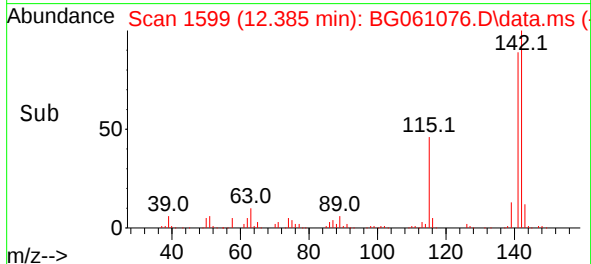
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



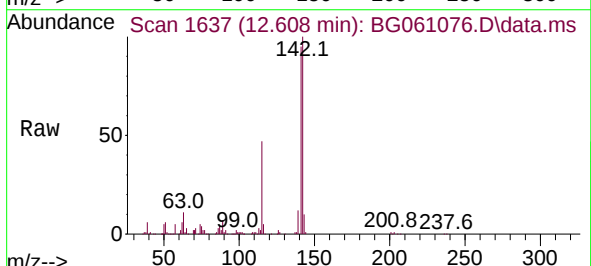
Tgt Ion:142 Resp: 21323  
Ion Ratio Lower Upper  
142 100  
141 89.2 73.8 110.8  
115 46.2 36.9 55.3

Manual Integrations  
APPROVED

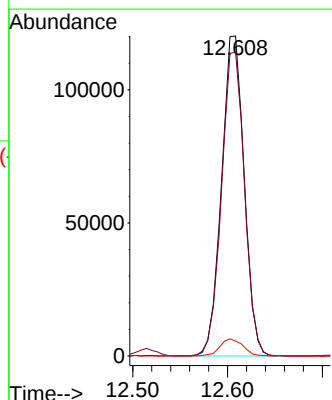
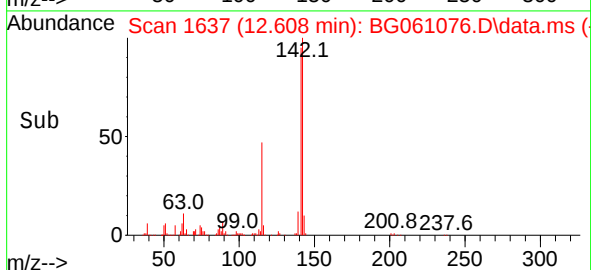
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

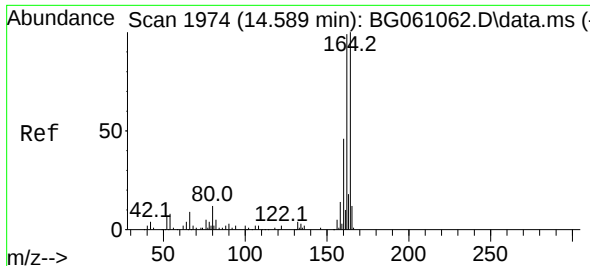


#38  
1-Methylnaphthalene  
Concen: 41.580 ng  
RT: 12.608 min Scan# 1637  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



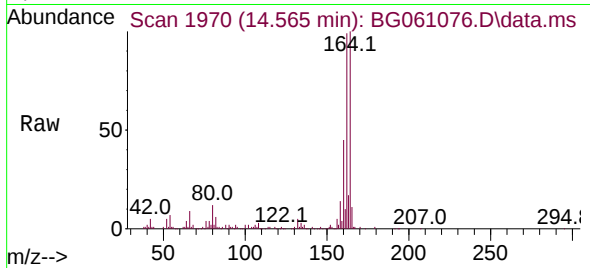
Tgt Ion:142 Resp: 199691  
Ion Ratio Lower Upper  
142 100  
141 94.9 78.4 117.6  
116 4.6 4.3 6.5





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.565 min Scan# 1  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

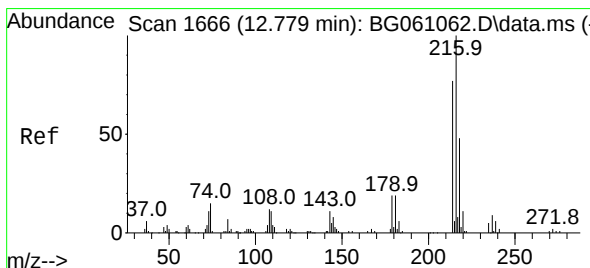
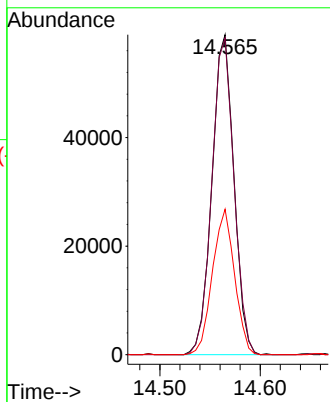
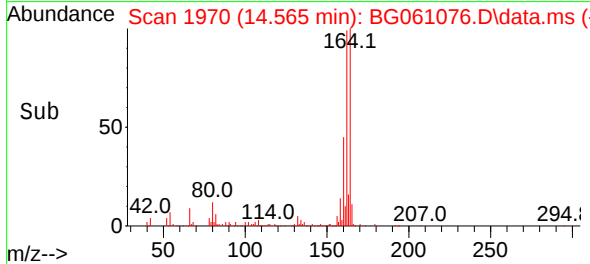
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



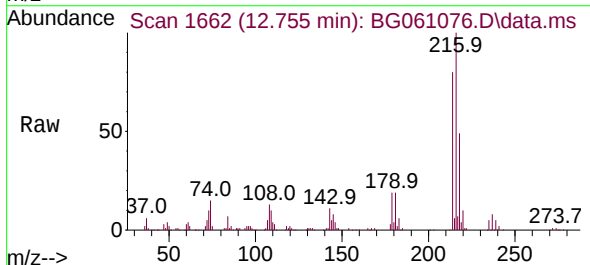
Tgt Ion:164 Resp: 8960  
Ion Ratio Lower Upper  
164 100  
162 98.9 79.4 119.2  
160 45.4 37.0 55.6

Manual Integrations  
APPROVED

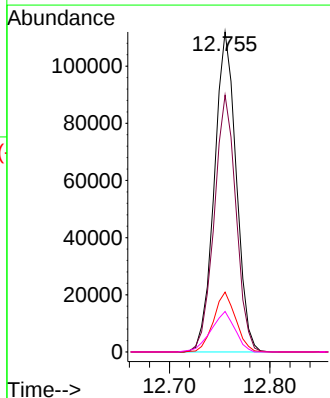
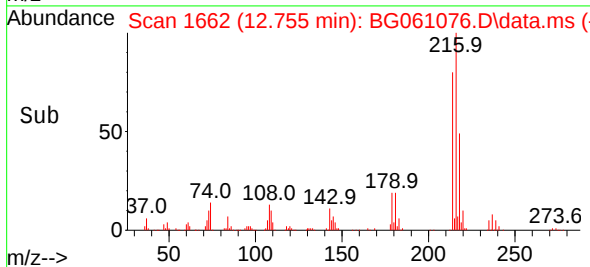
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

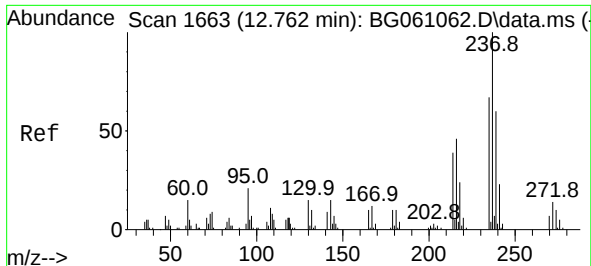


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 56.559 ng  
RT: 12.755 min Scan# 1662  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



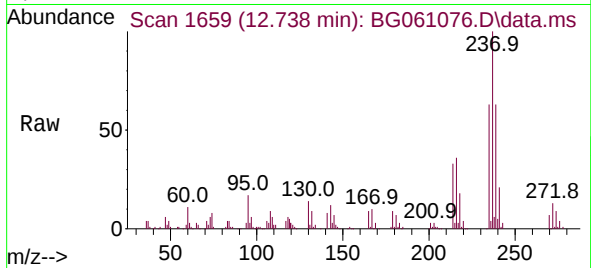
Tgt Ion:216 Resp: 169133  
Ion Ratio Lower Upper  
216 100  
214 79.9 64.2 96.2  
179 18.9 15.4 23.2  
108 13.9 11.1 16.7





#41  
Hexachlorocyclopentadiene  
Concen: 82.976 ng  
RT: 12.738 min Scan# 1659  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

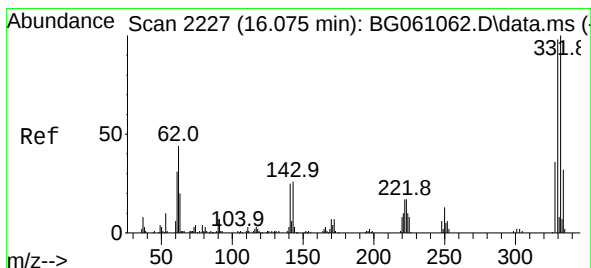
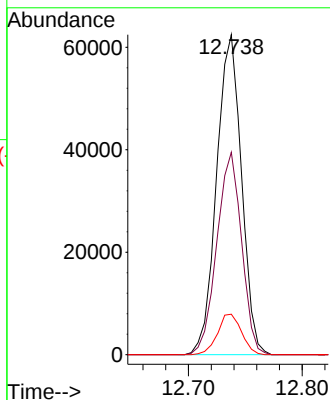
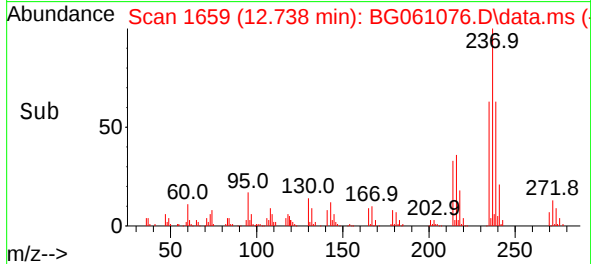
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:237 Resp: 9498  
Ion Ratio Lower Upper  
237 100  
235 63.2 46.5 86.5  
272 12.6 0.0 33.9

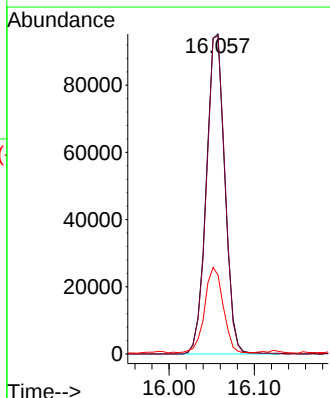
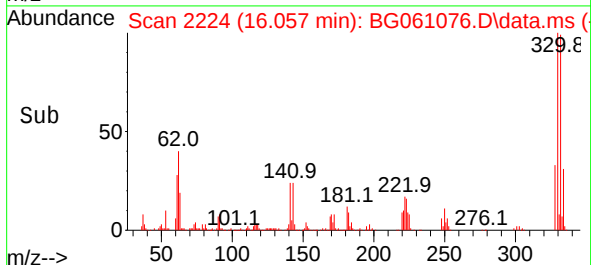
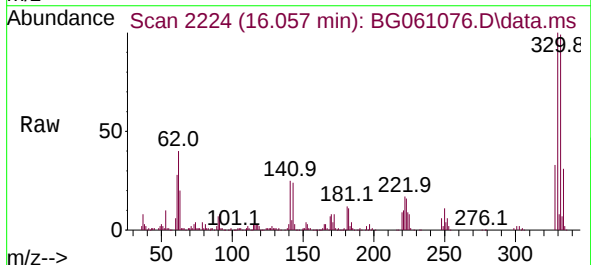
Manual Integrations  
APPROVED

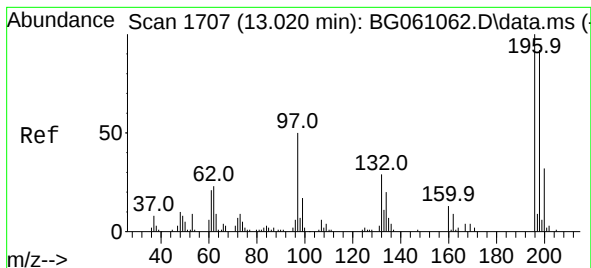
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#42  
2,4,6-Tribromophenol  
Concen: 80.132 ng  
RT: 16.057 min Scan# 2224  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

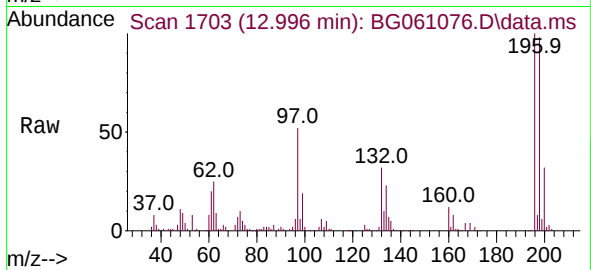
Tgt Ion:330 Resp: 143520  
Ion Ratio Lower Upper  
330 100  
332 99.2 78.6 117.8  
141 26.7 20.5 30.7





#43  
2,4,6-Trichlorophenol  
Concen: 52.837 ng  
RT: 12.996 min Scan# 1715  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

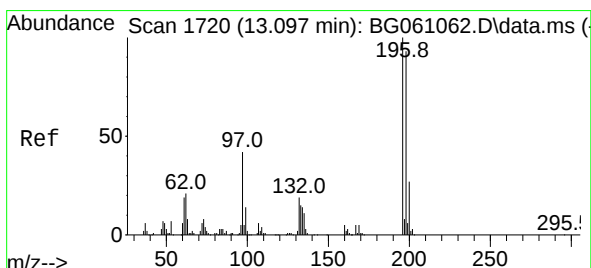
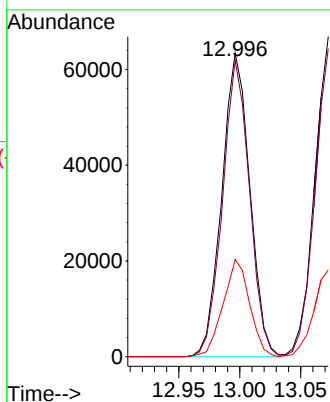
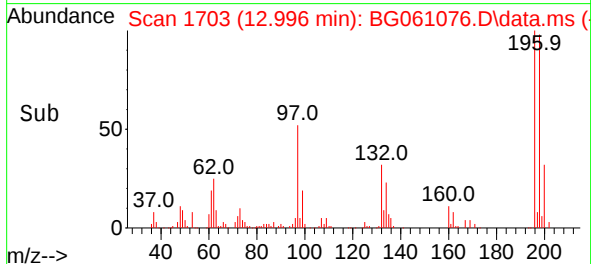
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



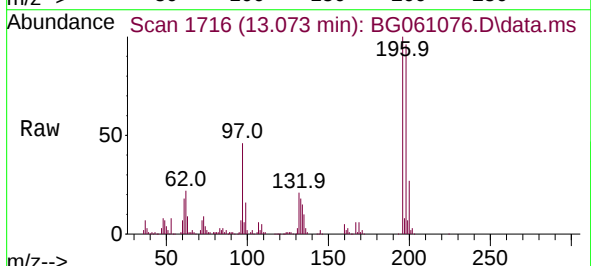
Tgt Ion:196 Resp: 101440  
Ion Ratio Lower Upper  
196 100  
198 97.7 73.8 110.6  
200 32.0 25.5 38.3

Manual Integrations  
APPROVED

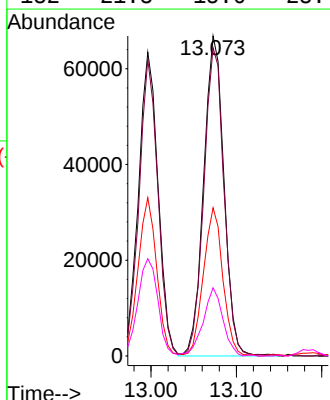
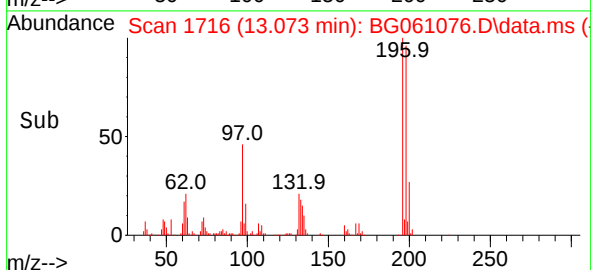
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

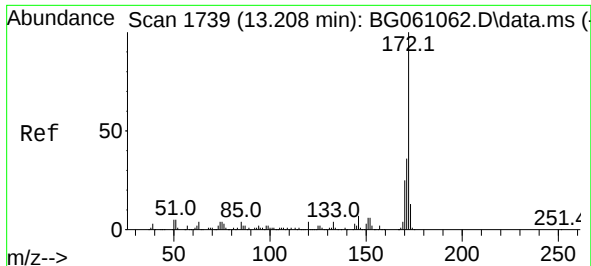


#44  
2,4,5-Trichlorophenol  
Concen: 50.884 ng  
RT: 13.073 min Scan# 1716  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



Tgt Ion:196 Resp: 110563  
Ion Ratio Lower Upper  
196 100  
198 96.3 74.3 111.5  
97 46.3 33.6 50.4  
132 21.3 15.6 23.4





#45

2-Fluorobiphenyl

Concen: 63.008 ng

RT: 13.184 min Scan# 1735

Delta R.T. -0.024 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

Tgt Ion:172 Resp: 381809

Ion Ratio Lower Upper

172 100

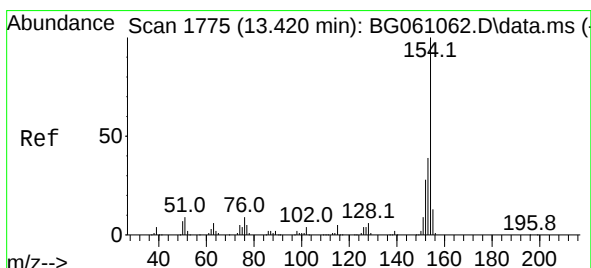
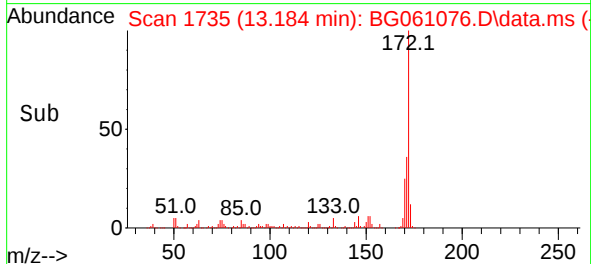
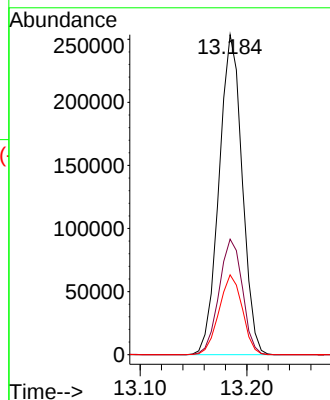
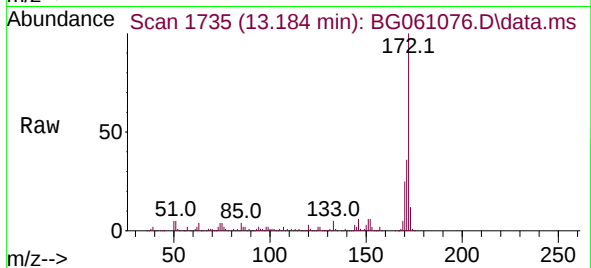
171 36.1 29.0 43.6

170 25.0 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#46

1,1'-Biphenyl

Concen: 52.184 ng

RT: 13.396 min Scan# 1771

Delta R.T. -0.024 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

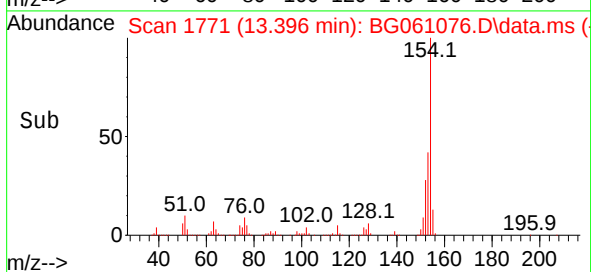
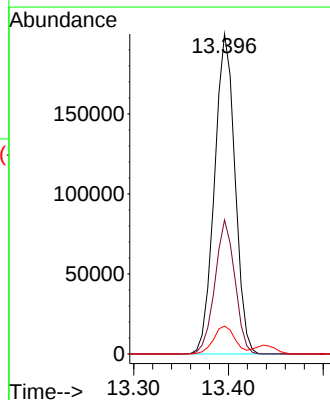
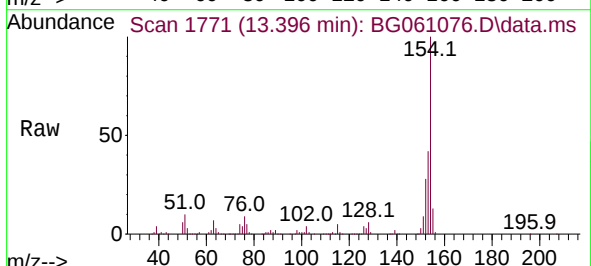
Tgt Ion:154 Resp: 299813

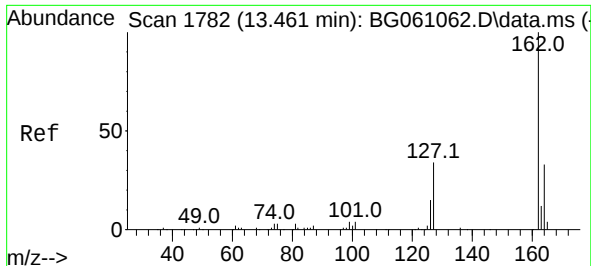
Ion Ratio Lower Upper

154 100

153 41.9 19.3 59.3

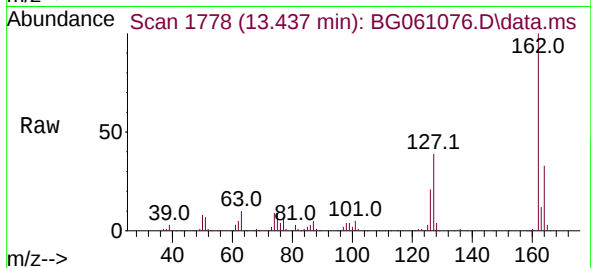
76 8.7 0.0 28.8





#47  
2-Chloronaphthalene  
Concen: 50.538 ng  
RT: 13.437 min Scan# 1782  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

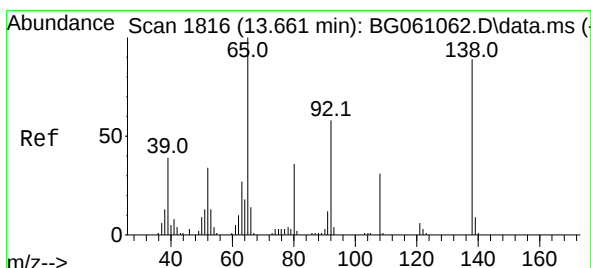
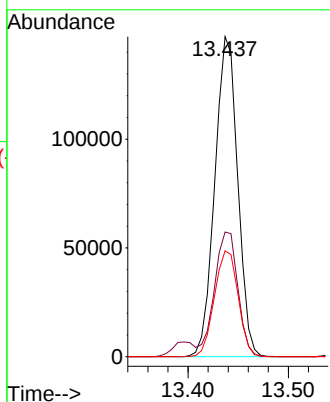
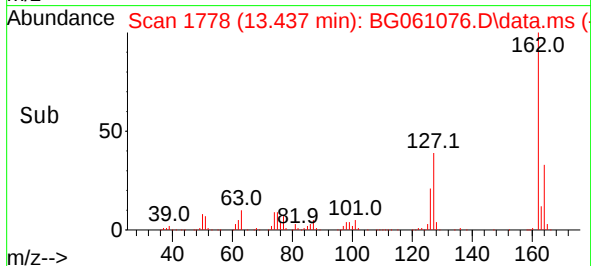
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:162 Resp: 232504  
Ion Ratio Lower Upper  
162 100  
127 39.0 30.7 46.1  
164 33.0 26.8 40.2

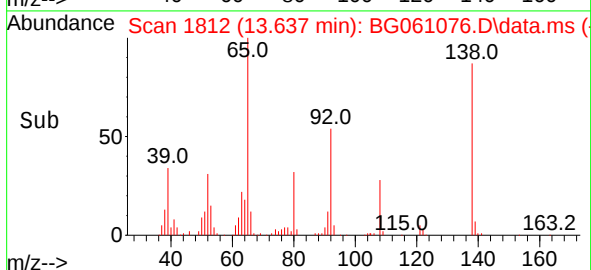
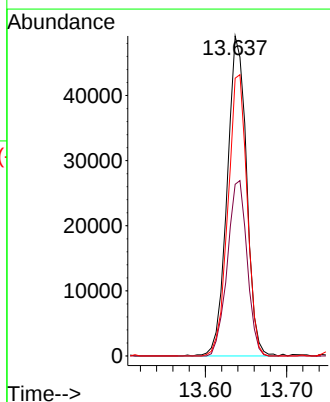
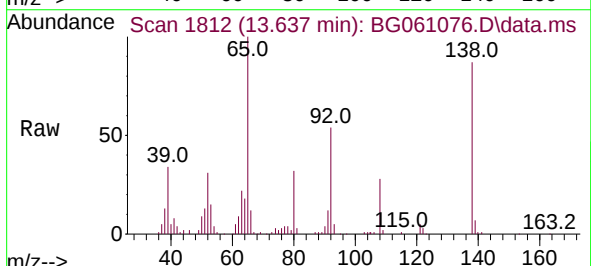
Manual Integrations  
APPROVED

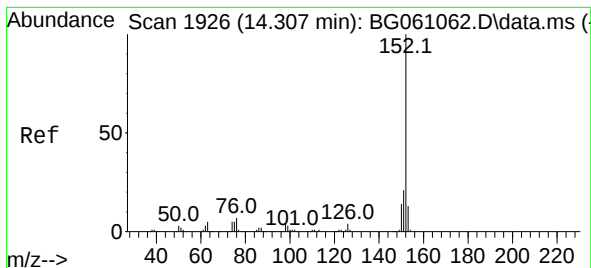
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#48  
2-Nitroaniline  
Concen: 47.652 ng  
RT: 13.637 min Scan# 1812  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion: 65 Resp: 81351  
Ion Ratio Lower Upper  
65 100  
92 53.6 46.7 70.1  
138 86.8 71.4 107.2





#49

Acenaphthylene

Concen: 60.613 ng

RT: 14.289 min Scan# 1

Delta R.T. -0.018 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

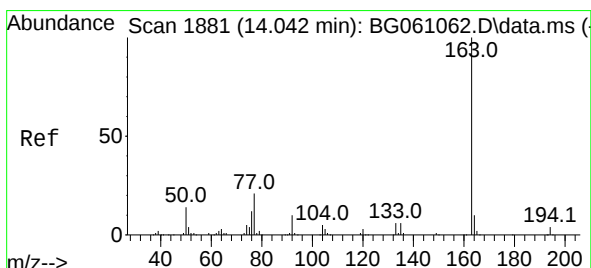
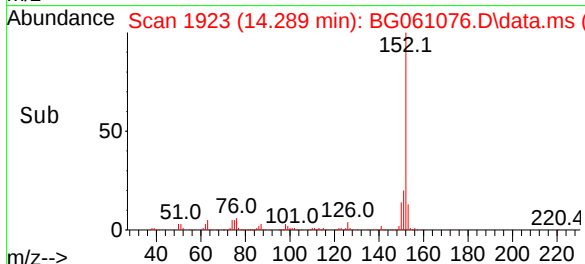
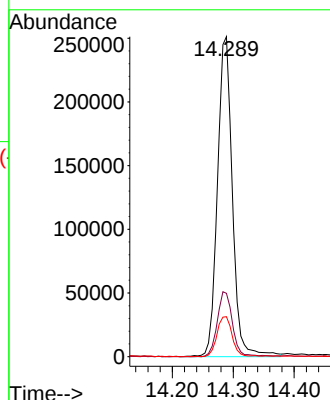
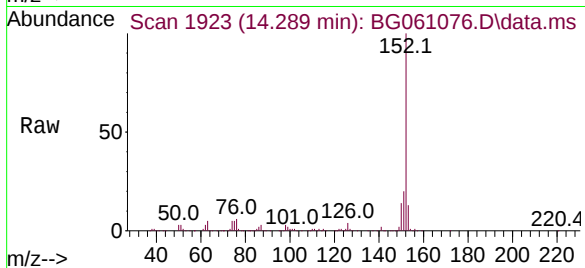
WC-2MSD

Tgt Ion:152 Resp: 428292  
 Ion Ratio Lower Upper  
 152 100  
 151 19.8 16.9 25.3  
 153 12.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
 Supervised By :mohammad ahmed 05/06/2024



#50

Dimethylphthalate

Concen: 43.796 ng

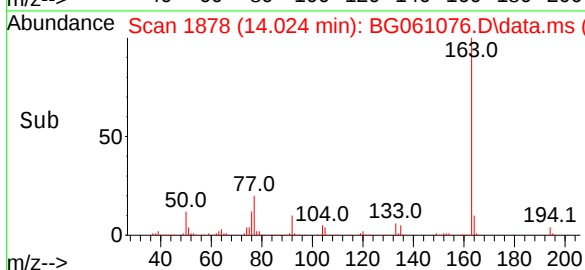
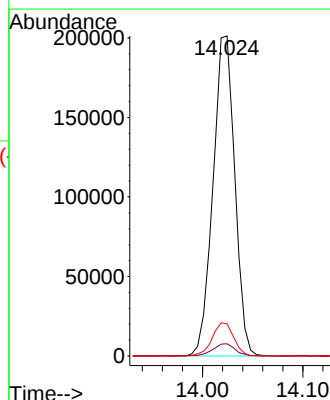
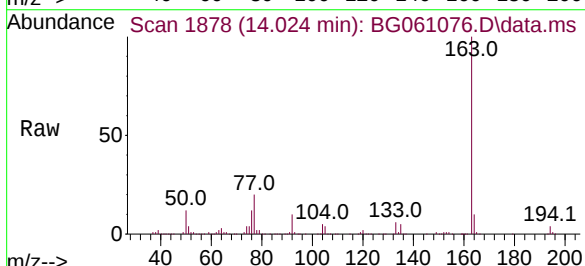
RT: 14.024 min Scan# 1878

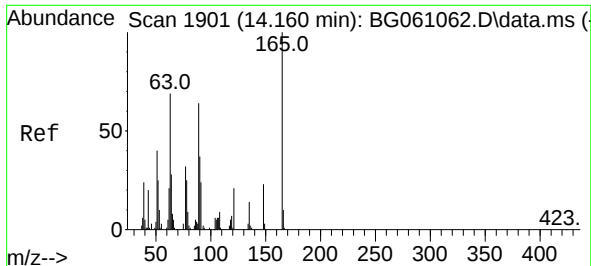
Delta R.T. -0.018 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

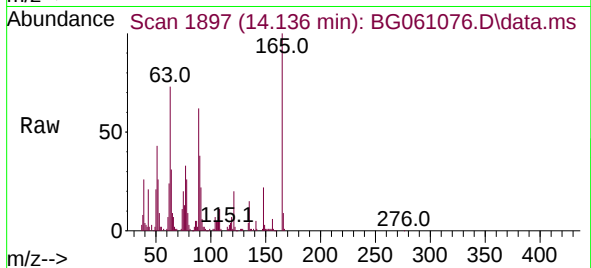
Tgt Ion:163 Resp: 303112  
 Ion Ratio Lower Upper  
 163 100  
 194 3.8 3.2 4.8  
 164 10.1 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 43.517 ng  
RT: 14.136 min Scan# 1897  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

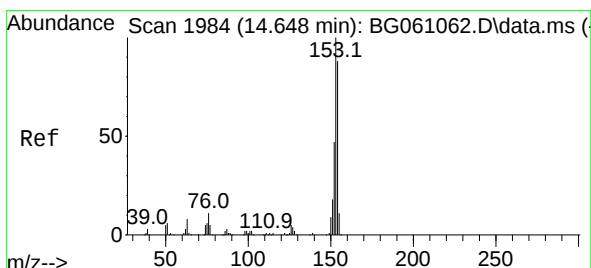
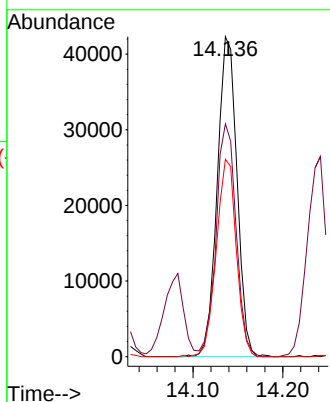
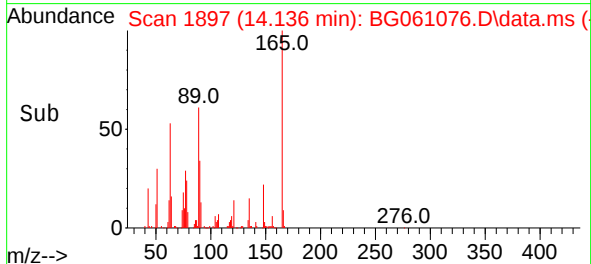
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:165 Resp: 6442  
Ion Ratio Lower Upper  
165 100  
63 72.8 60.0 90.0  
89 61.7 50.9 76.3

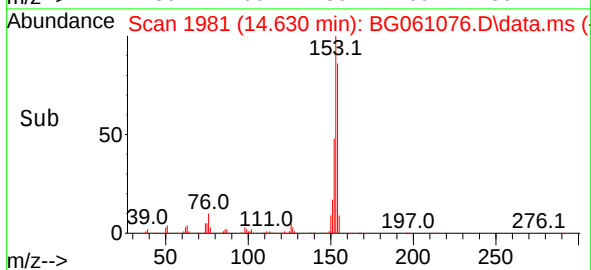
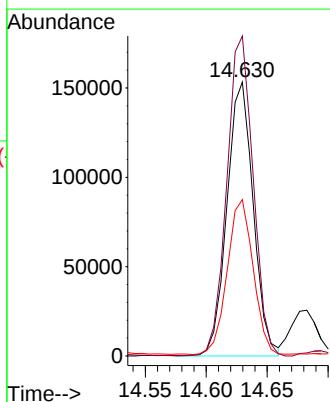
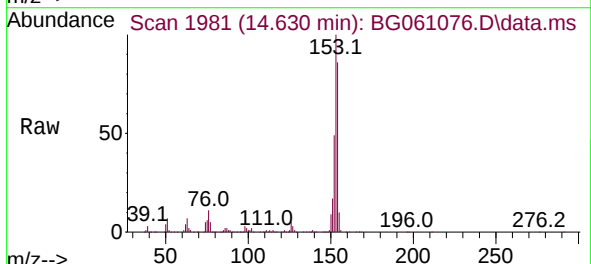
Manual Integrations  
APPROVED

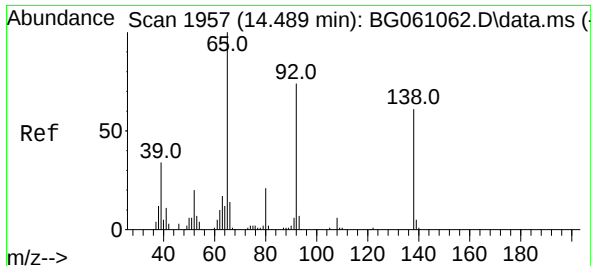
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#52  
Acenaphthene  
Concen: 52.181 ng  
RT: 14.630 min Scan# 1981  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion:154 Resp: 230011  
Ion Ratio Lower Upper  
154 100  
153 116.8 91.0 136.4  
152 57.1 43.1 64.7





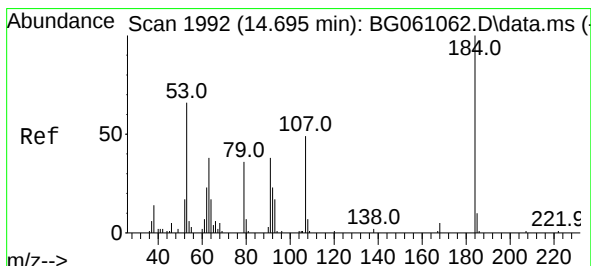
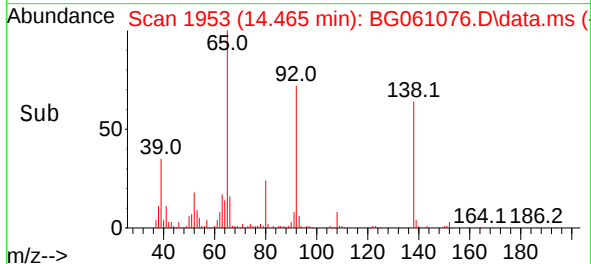
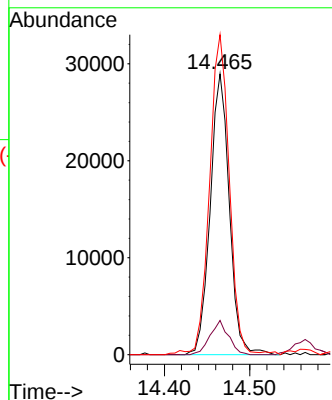
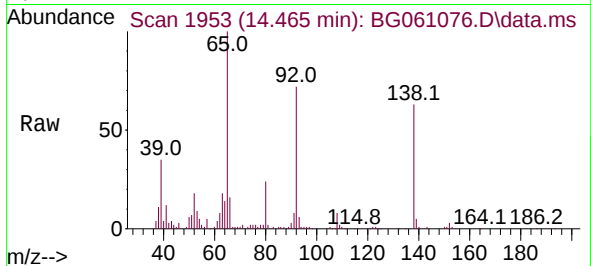
#53  
3-Nitroaniline  
Concen: 33.289 ng  
RT: 14.465 min Scan# 1953  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD

Tgt Ion:138 Resp: 4509  
Ion Ratio Lower Upper  
138 100  
108 12.2 8.2 12.2  
92 113.9 98.0 147.0

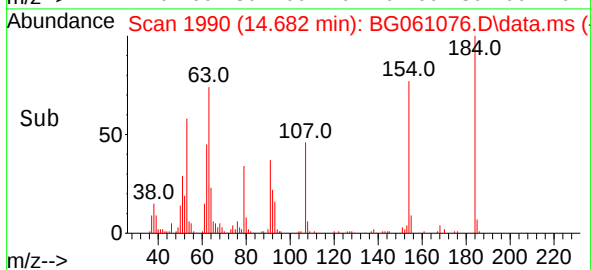
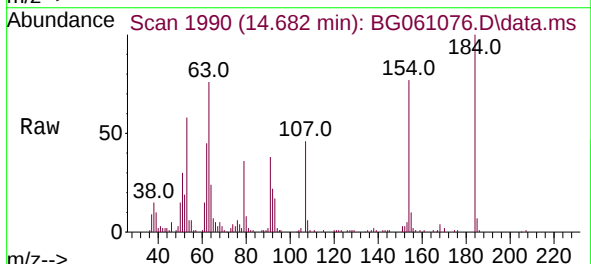
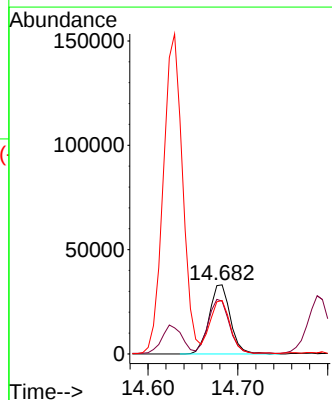
Manual Integrations  
APPROVED

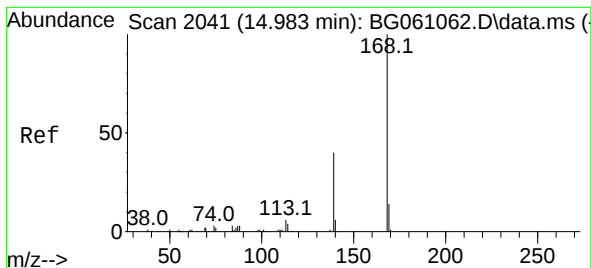
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#54  
2,4-Dinitrophenol  
Concen: 52.231 ng  
RT: 14.682 min Scan# 1990  
Delta R.T. -0.012 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

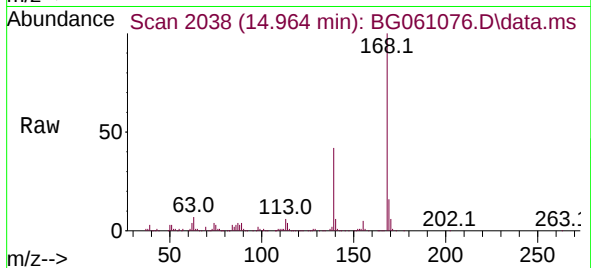
Tgt Ion:184 Resp: 53984  
Ion Ratio Lower Upper  
184 100  
63 76.3 62.6 93.8  
154 77.2 61.4 92.0





#55  
Dibenzenofuran  
Concen: 49.574 ng  
RT: 14.964 min Scan# 2041  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

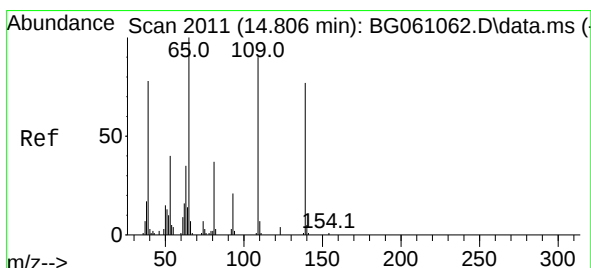
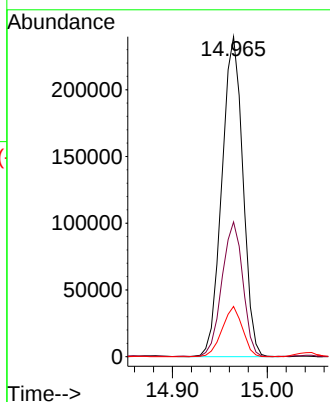
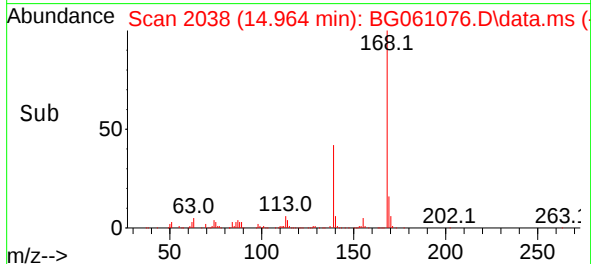
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



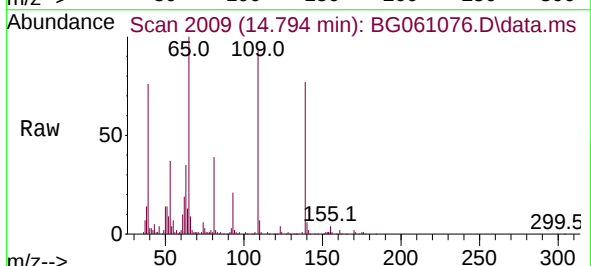
Tgt Ion:168 Resp: 36909  
Ion Ratio Lower Upper  
168 100  
139 42.1 32.2 48.4  
169 15.7 11.4 17.2

Manual Integrations  
APPROVED

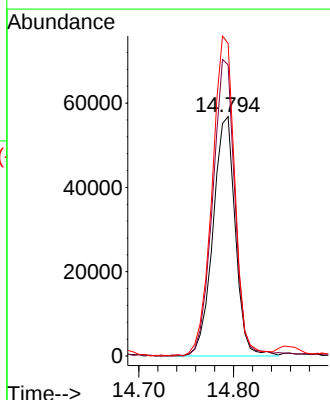
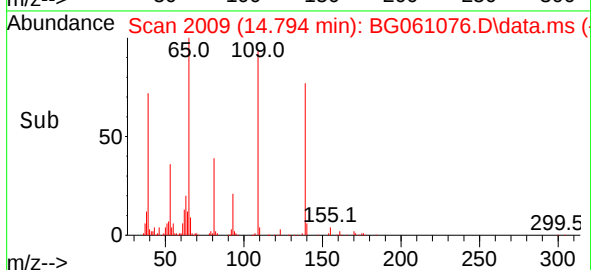
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

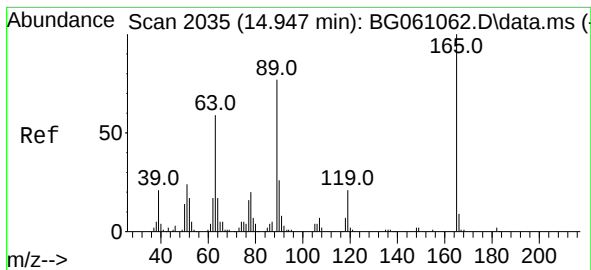


#56  
4-Nitrophenol  
Concen: 84.866 ng  
RT: 14.794 min Scan# 2009  
Delta R.T. -0.012 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



Tgt Ion:139 Resp: 92901  
Ion Ratio Lower Upper  
139 100  
109 121.7 97.7 137.7  
65 130.6 110.7 150.7





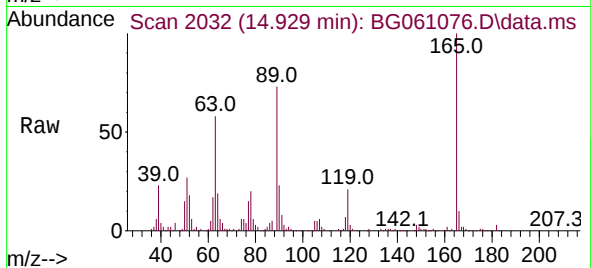
#57  
2,4-Dinitrotoluene  
Concen: 40.929 ng  
RT: 14.929 min Scan# 2035  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

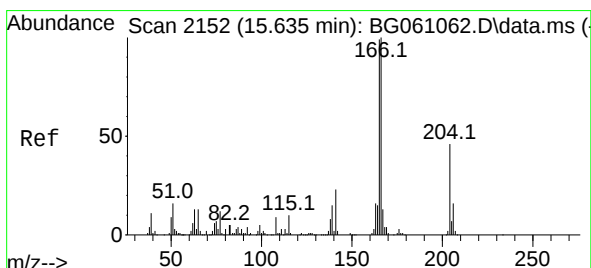
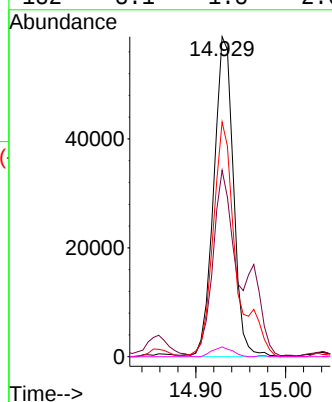
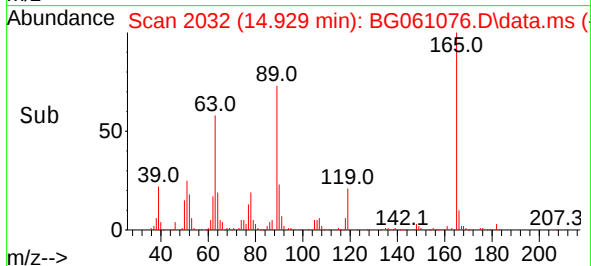


Tgt Ion:165 Resp: 89642  
Ion Ratio Lower Upper  
165 100  
63 58.2 47.3 70.9  
89 73.3 61.8 92.8  
182 3.1 1.8 2.6#

Manual Integrations

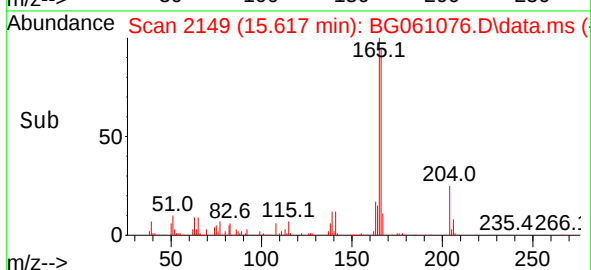
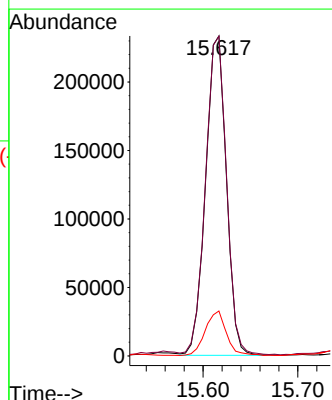
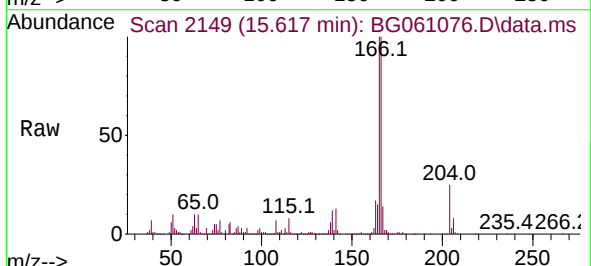
APPROVED

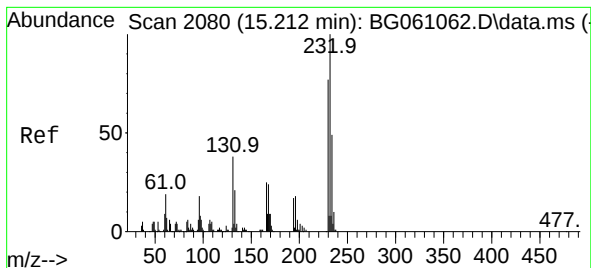
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#58  
Fluorene  
Concen: 54.923 ng  
RT: 15.617 min Scan# 2149  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion:166 Resp: 353851  
Ion Ratio Lower Upper  
166 100  
165 99.9 78.9 118.3  
167 14.0 10.6 15.8





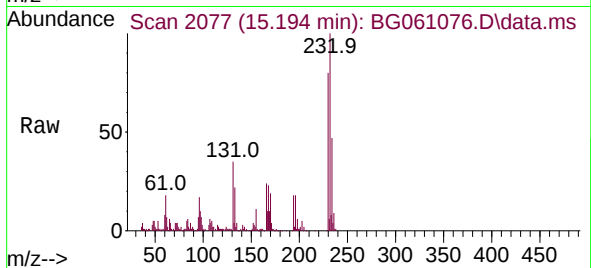
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.376 ng m  
RT: 15.194 min Scan# 2080  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

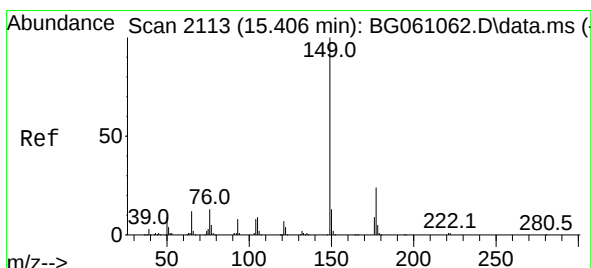
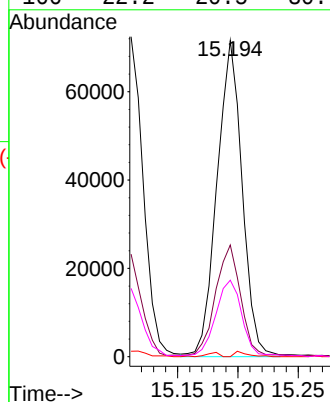
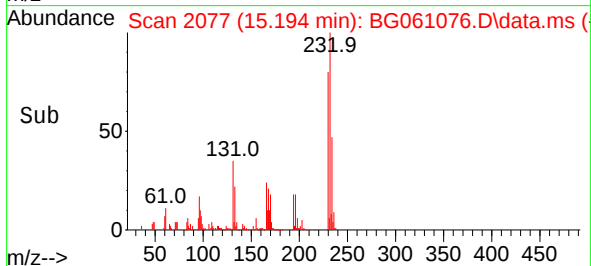


Tgt Ion:232 Resp: 103730  
Ion Ratio Lower Upper  
232 100  
131 32.7 27.0 40.4  
130 2.4 1.7 2.5  
166 22.2 20.5 30.7

Manual Integrations

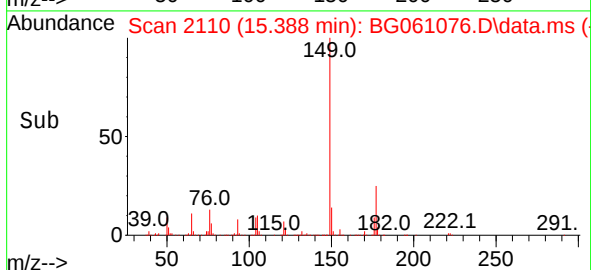
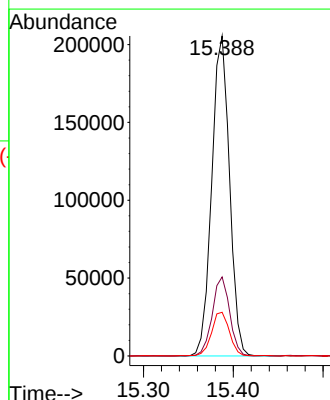
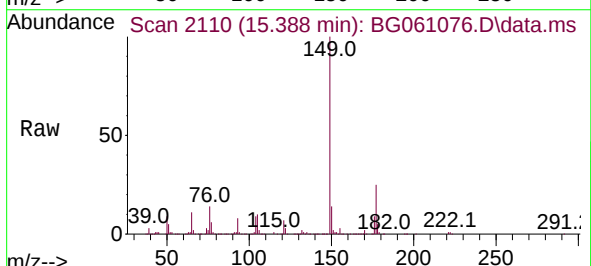
APPROVED

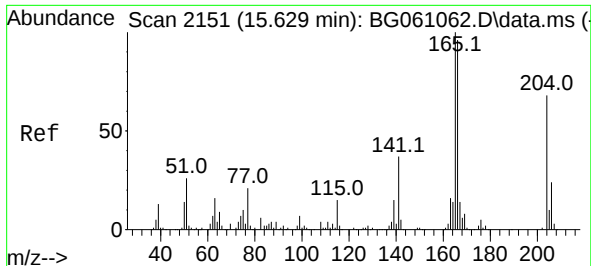
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#60  
Diethylphthalate  
Concen: 40.416 ng  
RT: 15.388 min Scan# 2110  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

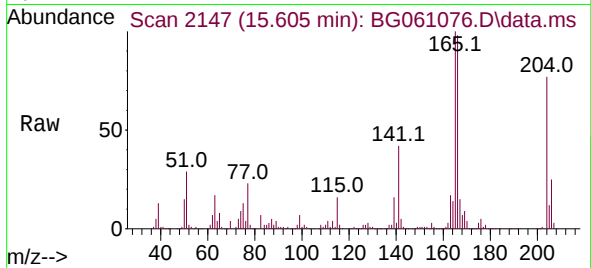
Tgt Ion:149 Resp: 282072  
Ion Ratio Lower Upper  
149 100  
177 24.7 19.1 28.7  
150 13.7 10.6 16.0





#61  
4-Chlorophenyl-phenylether  
Concen: 43.912 ng  
RT: 15.605 min Scan# 2147  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

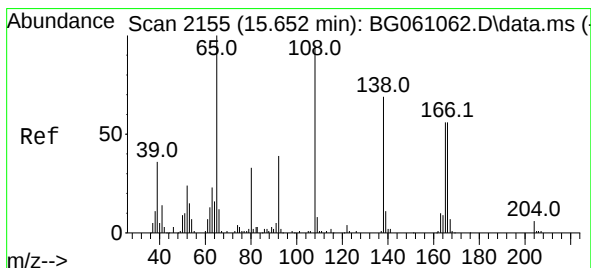
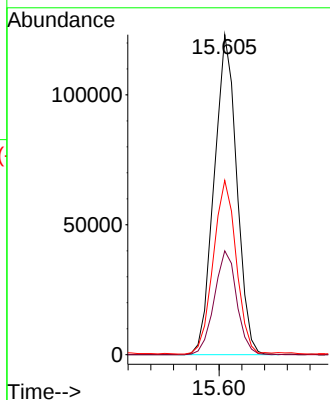
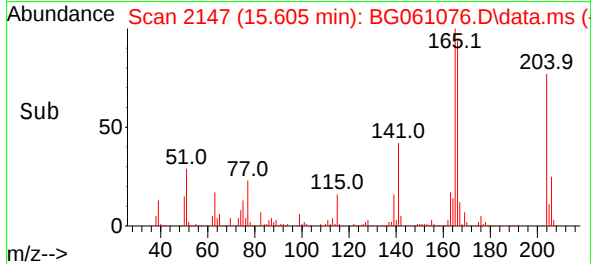
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



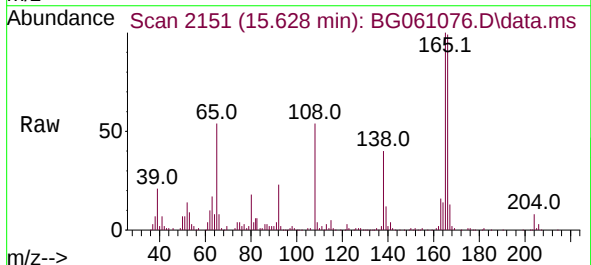
Tgt Ion:204 Resp: 16987  
Ion Ratio Lower Upper  
204 100  
206 32.5 27.8 41.6  
141 54.5 42.9 64.3

Manual Integrations  
APPROVED

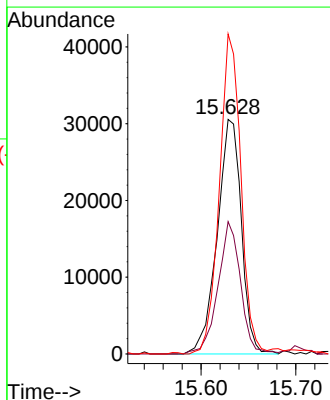
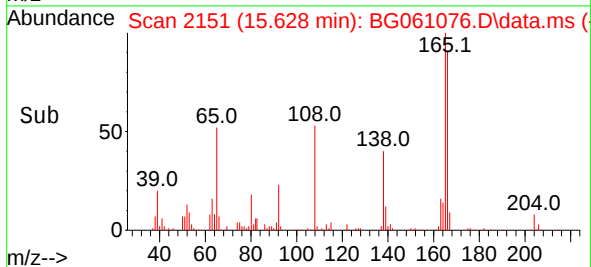
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

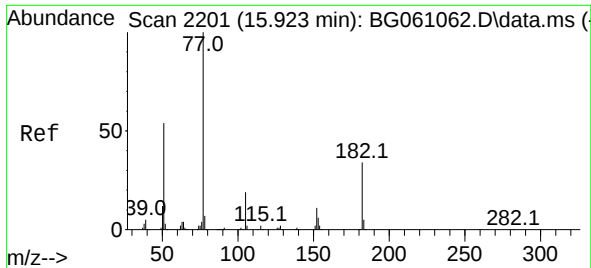


#62  
4-Nitroaniline  
Concen: 36.764 ng  
RT: 15.628 min Scan# 2151  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



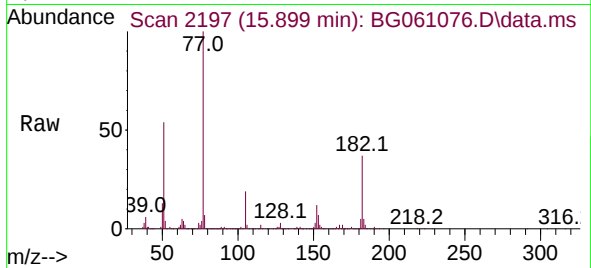
Tgt Ion:138 Resp: 54010  
Ion Ratio Lower Upper  
138 100  
92 56.4 35.5 75.5  
108 136.4 116.2 156.2





#63  
Azobenzene  
Concen: 44.279 ng  
RT: 15.899 min Scan# 2197  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

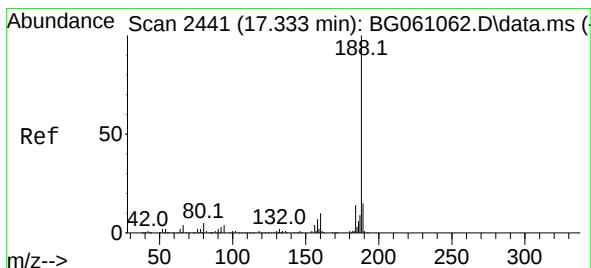
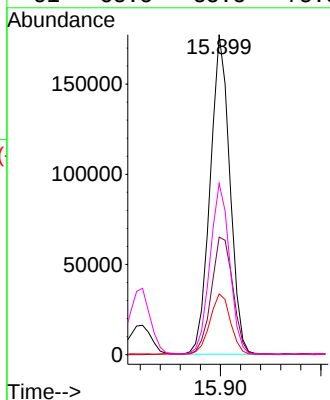
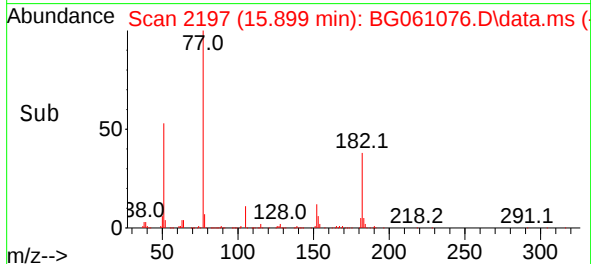
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



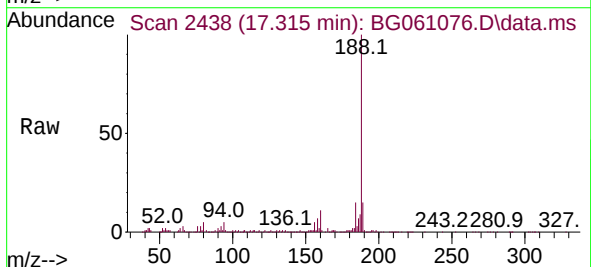
Tgt Ion: 77 Resp: 240568  
Ion Ratio Lower Upper  
77 100  
182 36.7 13.5 53.5  
105 19.0 0.0 39.3  
51 53.5 33.8 73.8

Manual Integrations  
APPROVED

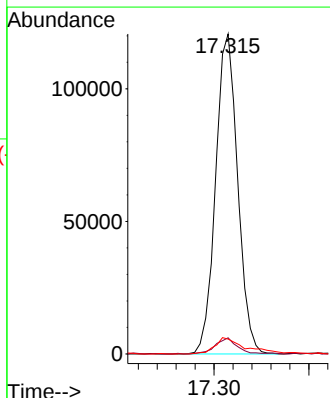
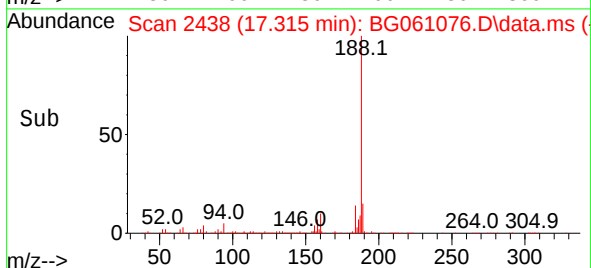
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

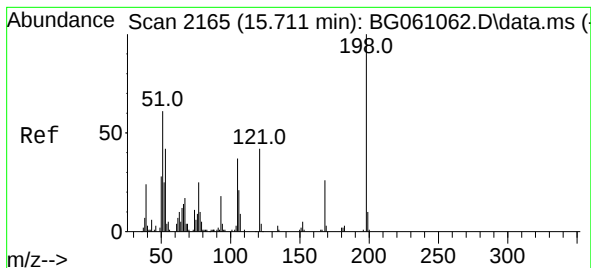


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.315 min Scan# 2438  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



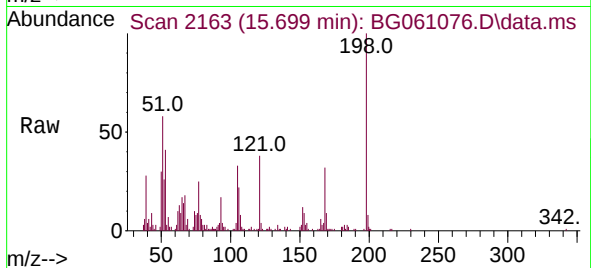
Tgt Ion:188 Resp: 194848  
Ion Ratio Lower Upper  
188 100  
94 5.1 3.6 5.4  
80 4.7 4.2 6.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.389 ng  
RT: 15.699 min Scan# 2163  
Delta R.T. -0.012 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

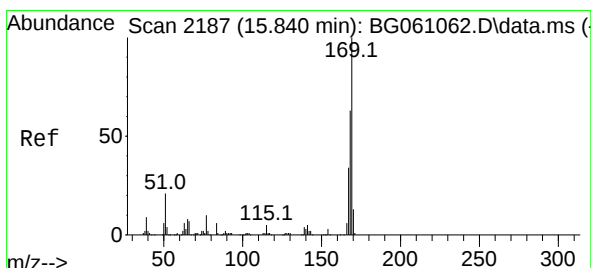
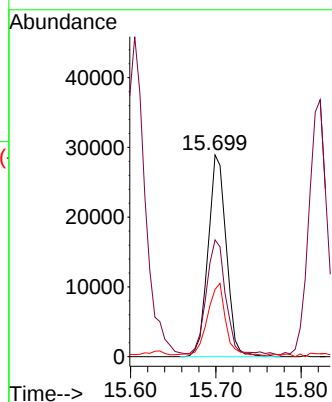
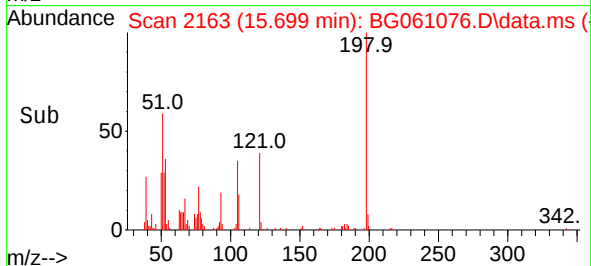
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:198 Resp: 42783  
Ion Ratio Lower Upper  
198 100  
51 57.9 41.2 81.2  
105 33.4 16.7 56.7

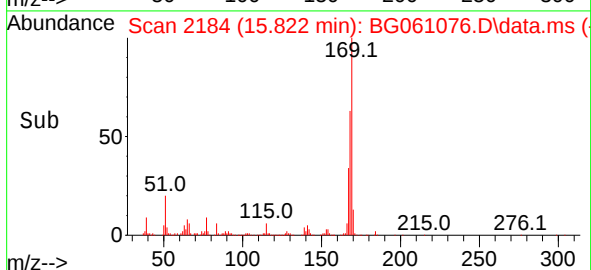
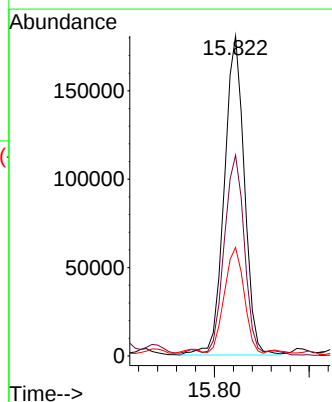
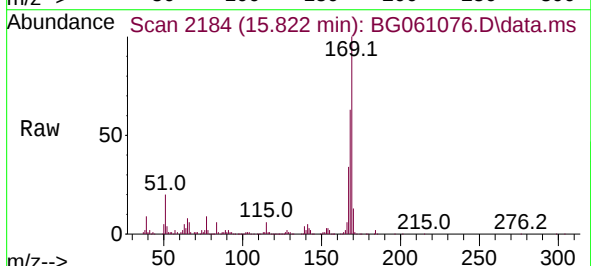
Manual Integrations  
APPROVED

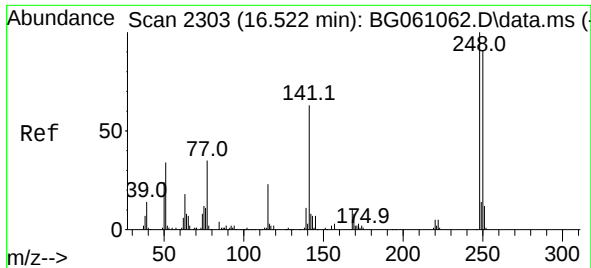
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#66  
n-Nitrosodiphenylamine  
Concen: 55.046 ng  
RT: 15.822 min Scan# 2184  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

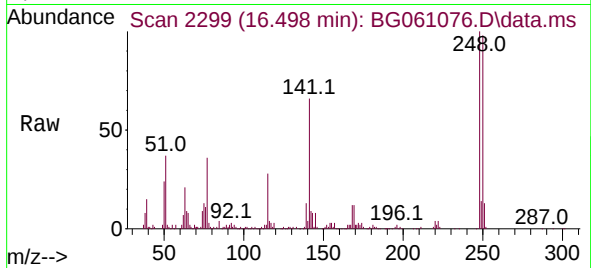
Tgt Ion:169 Resp: 265976  
Ion Ratio Lower Upper  
169 100  
168 62.7 50.6 75.8  
167 33.9 27.4 41.2





#67  
4-Bromophenyl-phenylether  
Concen: 51.560 ng  
RT: 16.498 min Scan# 21  
Delta R.T. -0.024 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

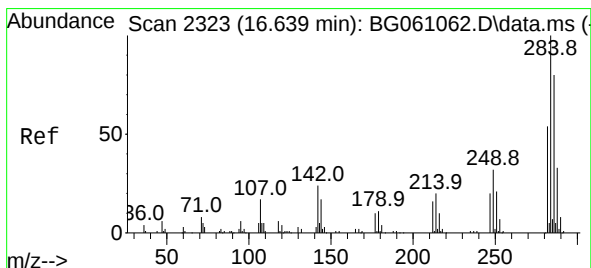
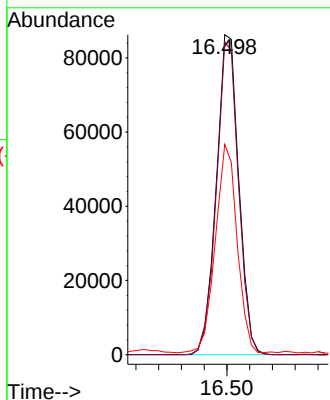
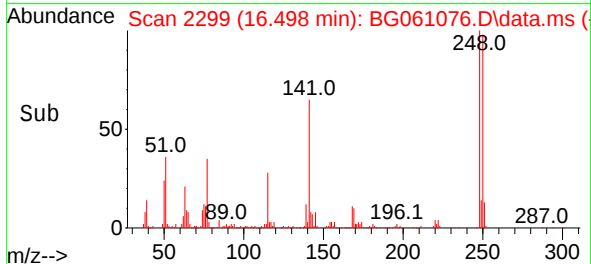
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



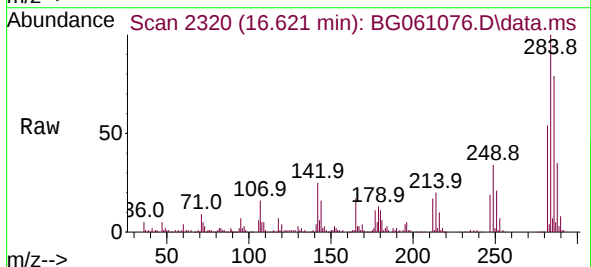
Tgt Ion:248 Resp: 11834  
Ion Ratio Lower Upper  
248 100  
250 97.6 73.0 109.4  
141 65.7 50.8 76.2

Manual Integrations  
APPROVED

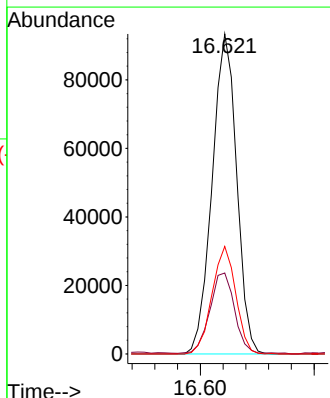
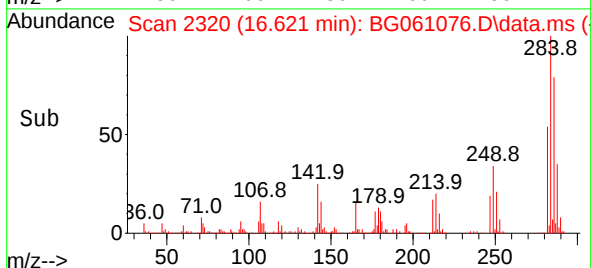
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

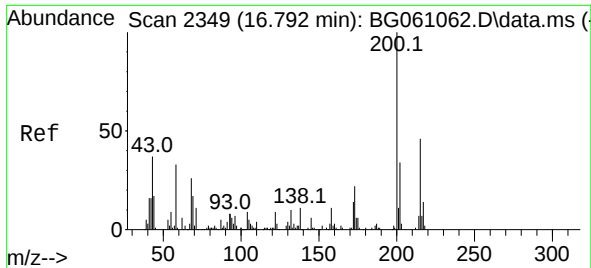


#68  
Hexachlorobenzene  
Concen: 48.859 ng  
RT: 16.621 min Scan# 2320  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



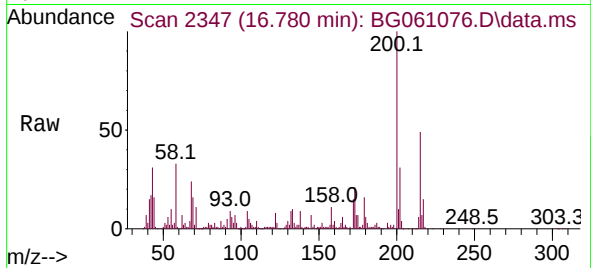
Tgt Ion:284 Resp: 139586  
Ion Ratio Lower Upper  
284 100  
142 25.3 19.2 28.8  
249 33.6 25.4 38.2





#69  
 Atrazine  
 Concen: 54.591 ng  
 RT: 16.780 min Scan# 2347  
 Delta R.T. -0.012 min  
 Lab File: BG061076.D  
 Acq: 1 May 2024 14:42

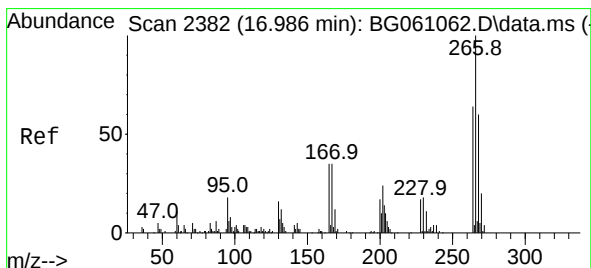
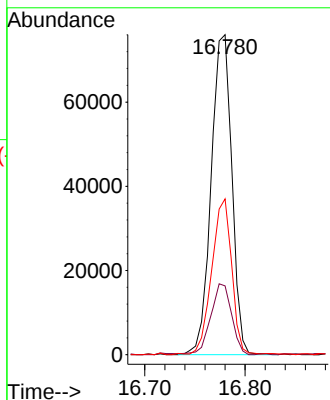
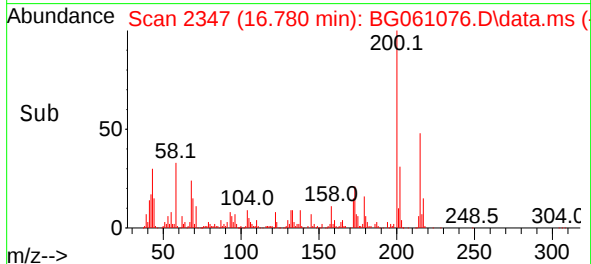
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-2MSD



Tgt Ion:200 Resp: 108782  
 Ion Ratio Lower Upper  
 200 100  
 173 21.5 2.0 42.0  
 215 48.7 26.2 66.2

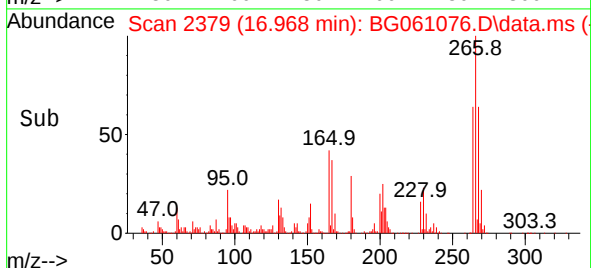
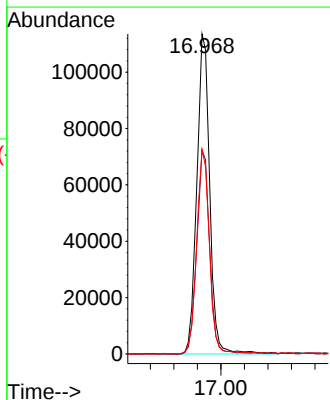
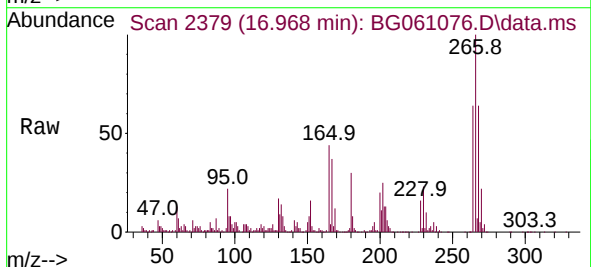
Manual Integrations  
 APPROVED

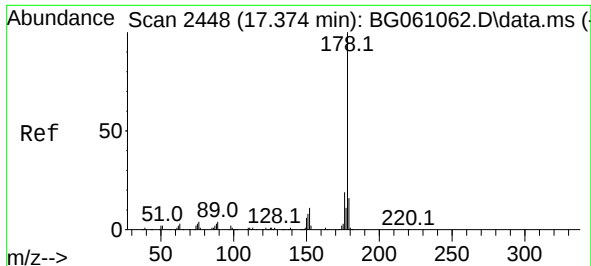
Reviewed By :Jagrut Upadhyay 05/02/2024  
 Supervised By :mohammad ahmed 05/06/2024



#70  
 Pentachlorophenol  
 Concen: 98.249 ng  
 RT: 16.968 min Scan# 2379  
 Delta R.T. -0.018 min  
 Lab File: BG061076.D  
 Acq: 1 May 2024 14:42

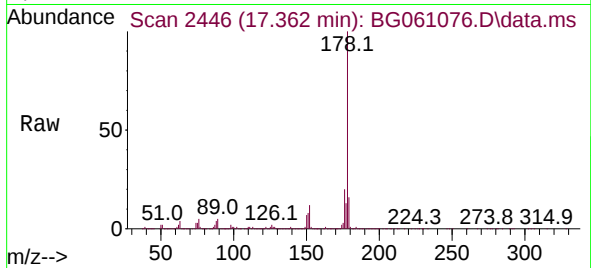
Tgt Ion:266 Resp: 172441  
 Ion Ratio Lower Upper  
 266 100  
 268 63.8 47.8 71.8  
 264 63.9 51.5 77.3





#71  
Phenanthrene  
Concen: 229.284 ng  
RT: 17.362 min Scan# 2446  
Delta R.T. -0.012 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

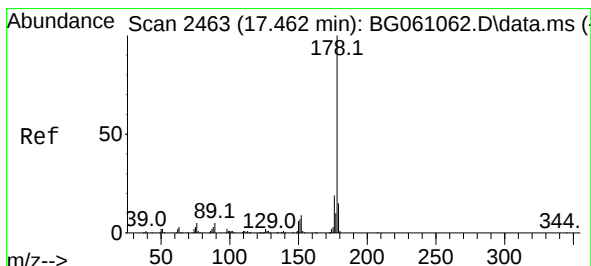
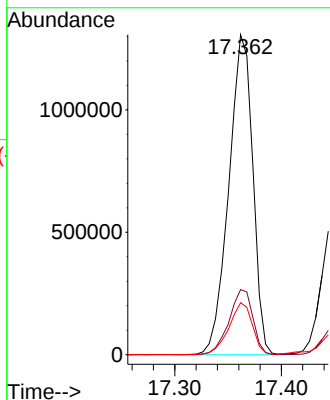
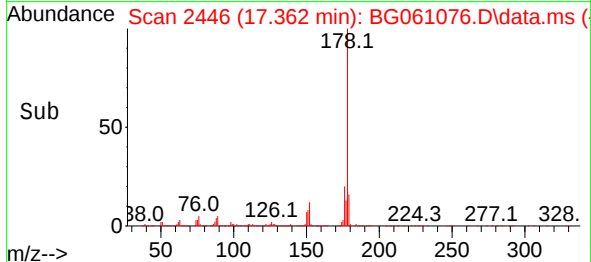
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



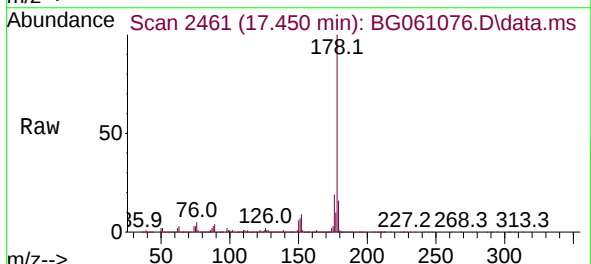
Tgt Ion:178 Resp: 204275  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.5 23.3  
179 16.3 12.6 19.0

Manual Integrations  
APPROVED

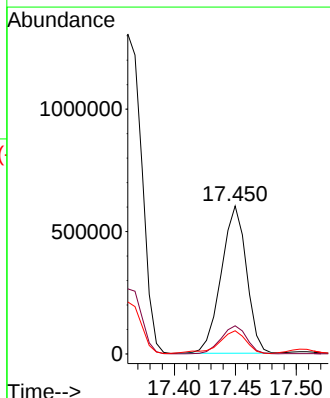
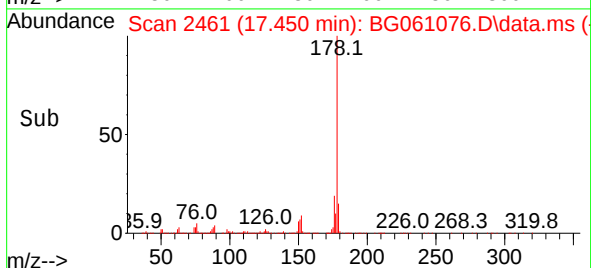
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

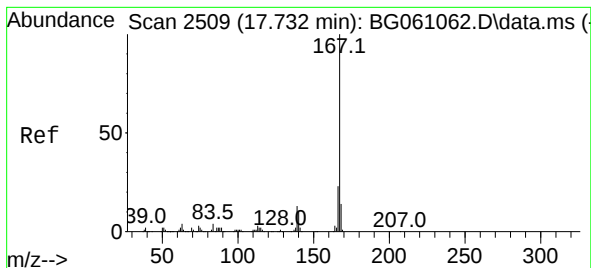


#72  
Anthracene  
Concen: 97.586 ng  
RT: 17.450 min Scan# 2461  
Delta R.T. -0.012 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42



Tgt Ion:178 Resp: 867532  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.0 22.6  
179 15.7 12.0 18.0





#73

Carbazole

Concen: 60.346 ng

RT: 17.714 min Scan# 2506

Delta R.T. -0.018 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

Tgt Ion:167 Resp: 471689

Ion Ratio Lower Upper

167 100

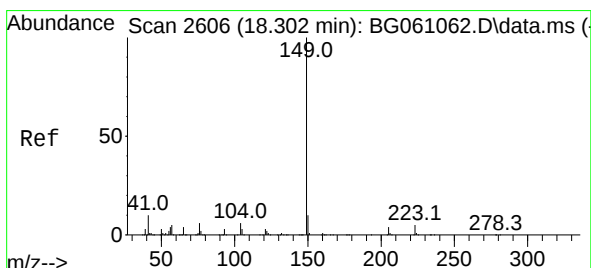
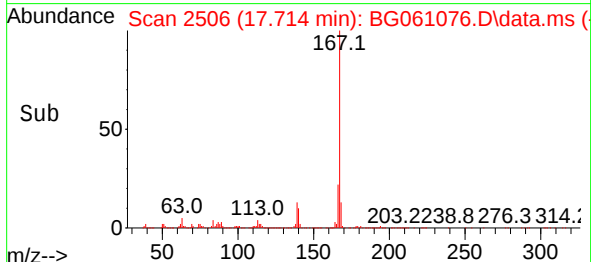
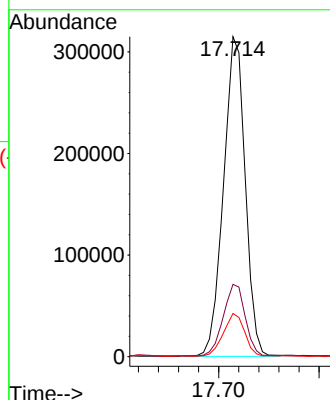
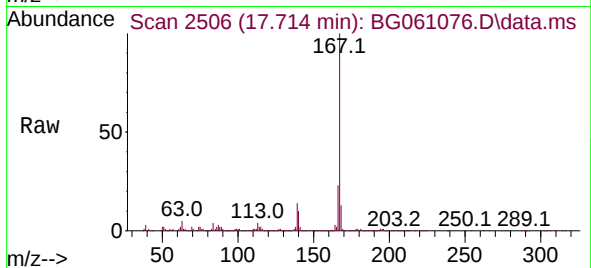
166 22.6 18.7 28.1

139 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#74

Di-n-butylphthalate

Concen: 46.296 ng

RT: 18.278 min Scan# 2602

Delta R.T. -0.024 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

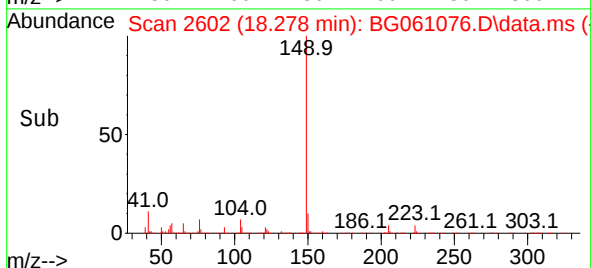
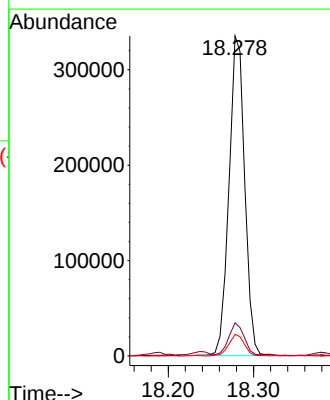
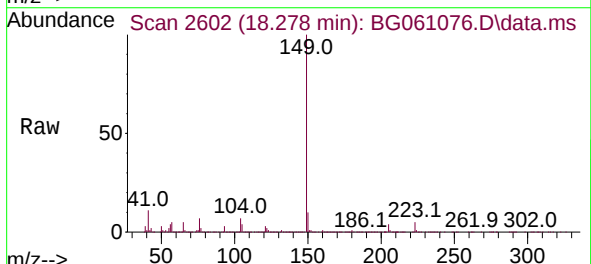
Tgt Ion:149 Resp: 430298

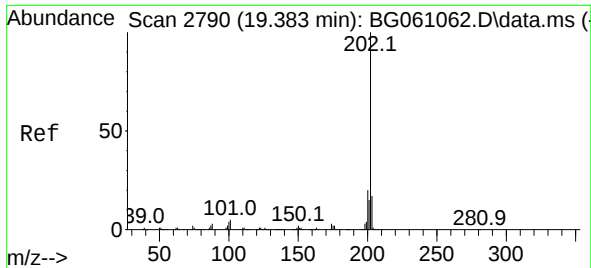
Ion Ratio Lower Upper

149 100

150 10.3 7.7 11.5

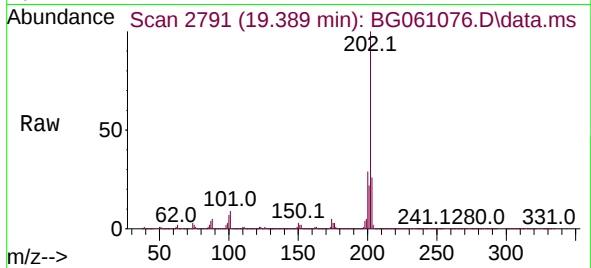
104 6.8 5.0 7.6





#75  
Fluoranthene  
Concen: 393.646 ng  
RT: 19.389 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

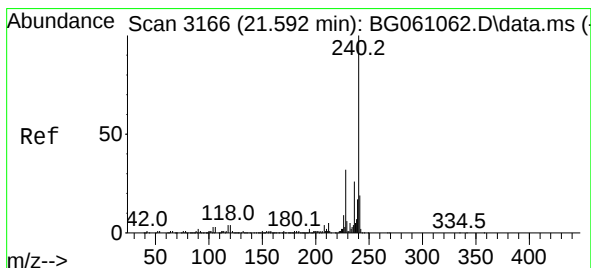
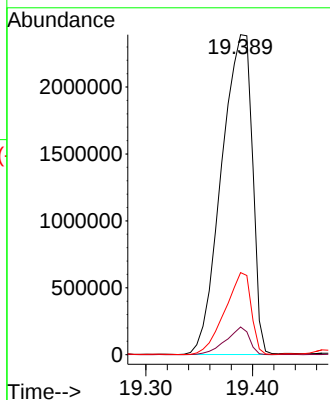
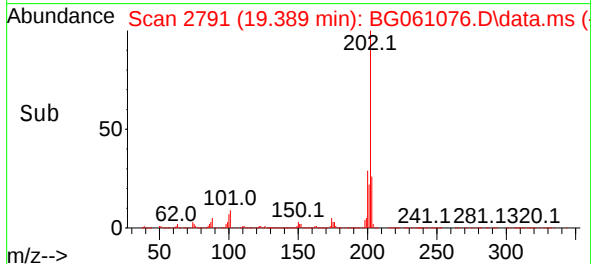
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:202 Resp: 480463  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 24.7  
203 25.7 0.0 37.1

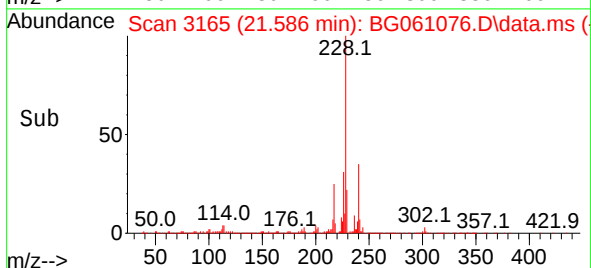
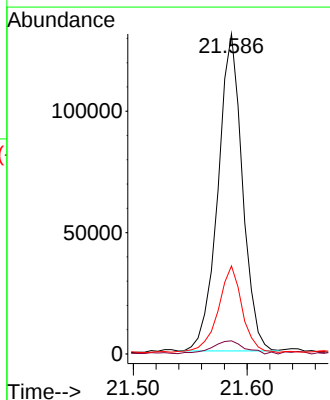
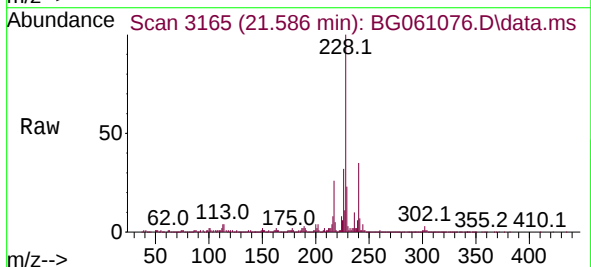
Manual Integrations  
APPROVED

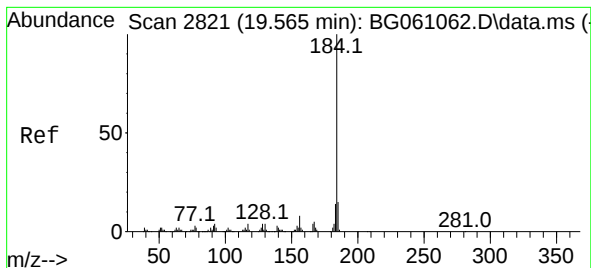
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.586 min Scan# 3165  
Delta R.T. -0.006 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion:240 Resp: 195289  
Ion Ratio Lower Upper  
240 100  
120 4.1 3.2 4.8  
236 27.5 21.0 31.6





#77

Benzidine

Concen: 41.130 ng

RT: 19.553 min Scan# 2819

Delta R.T. -0.012 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

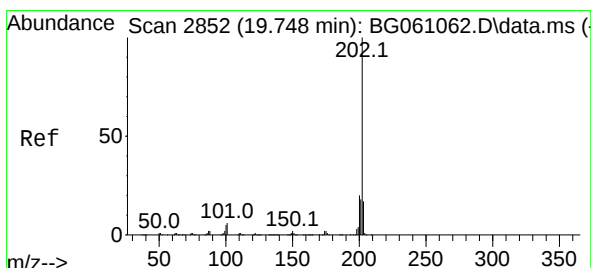
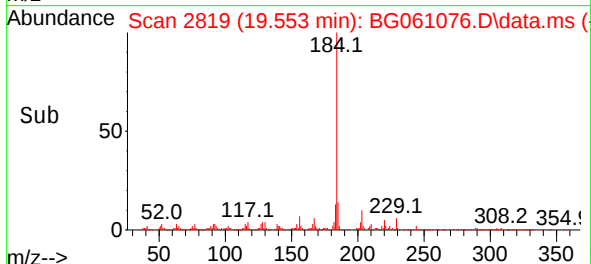
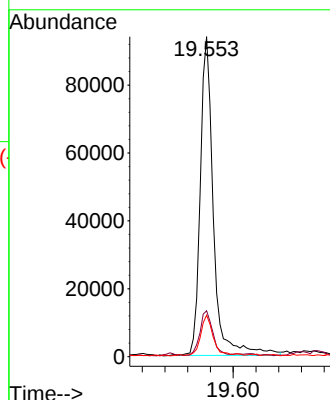
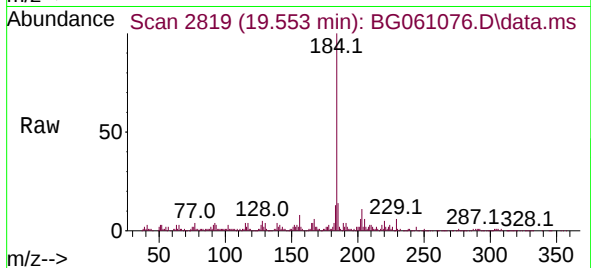
Tgt Ion:184 Resp: 15126

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.4  | 12.0  | 18.0  |
| 183 | 12.9  | 10.9  | 16.3  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#78

Pyrene

Concen: 371.593 ng

RT: 19.753 min Scan# 2853

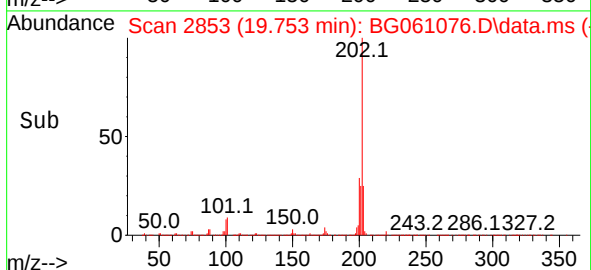
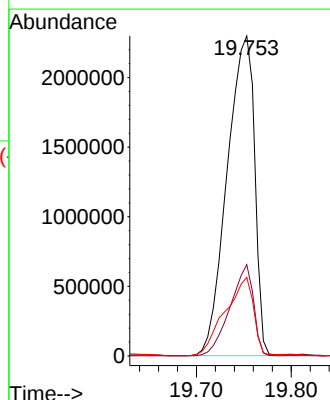
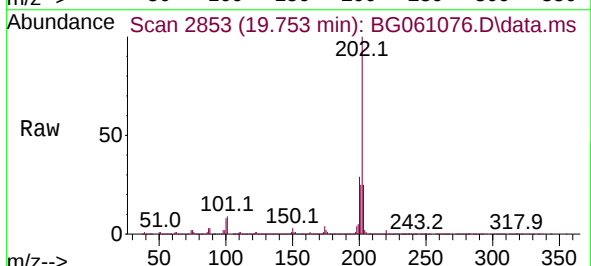
Delta R.T. 0.005 min

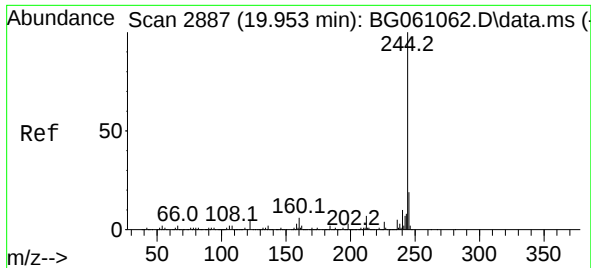
Lab File: BG061076.D

Acq: 1 May 2024 14:42

Tgt Ion:202 Resp: 4613590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 28.6  | 16.2  | 24.4# |
| 203 | 24.6  | 13.3  | 19.9# |





#79  
 Terphenyl-d14  
 Concen: 55.279 ng  
 RT: 19.929 min Scan# 21  
 Delta R.T. -0.024 min  
 Lab File: BG061076.D  
 Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

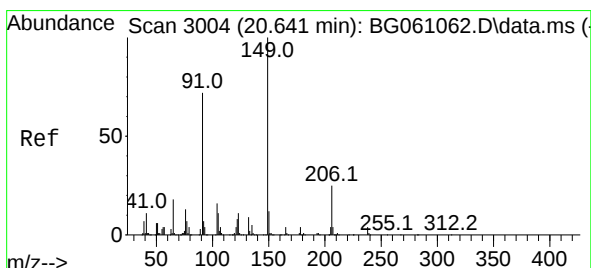
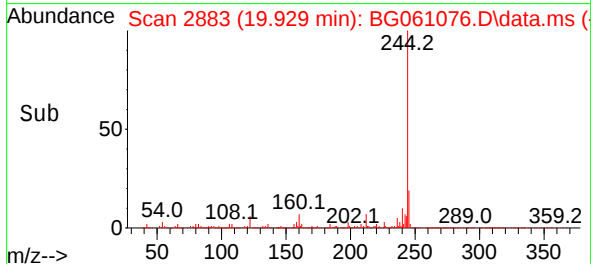
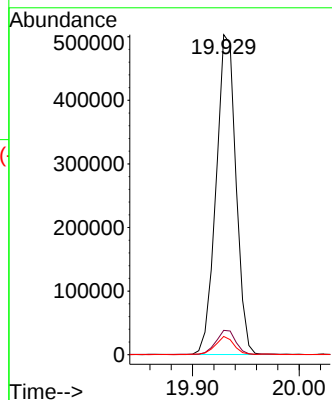
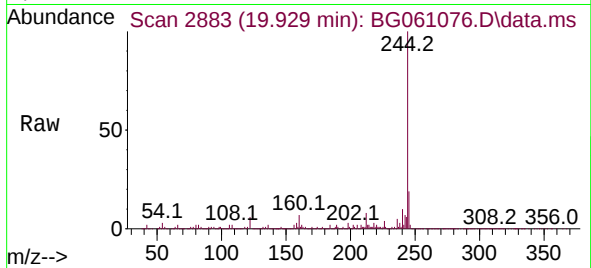
WC-2MSD

Tgt Ion:244 Resp: 649094  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.7 8.5  
 122 5.7 4.2 6.2

Manual Integrations

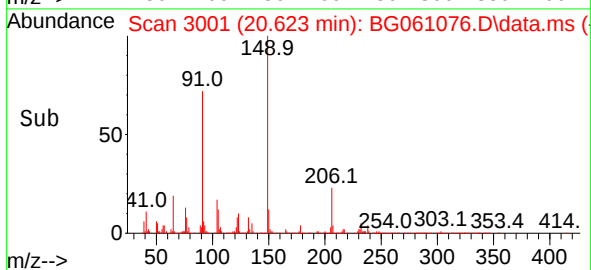
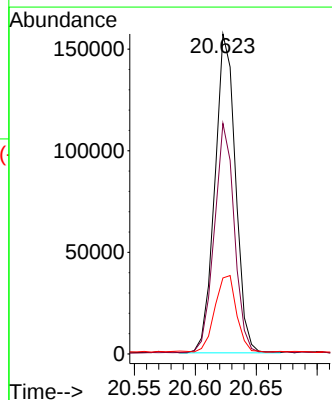
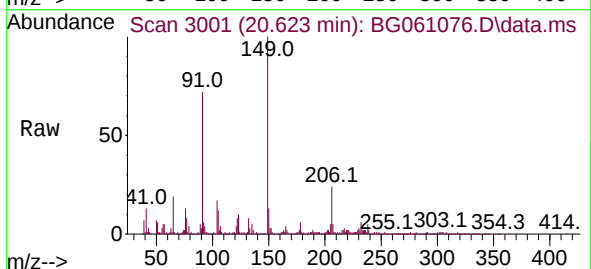
APPROVED

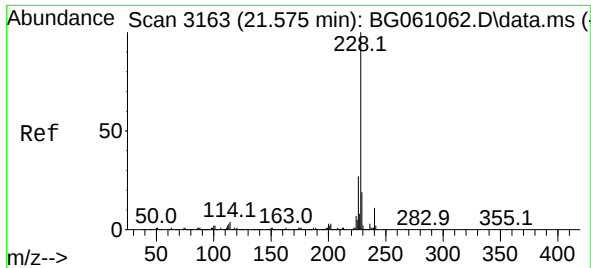
Reviewed By :Jagrut Upadhyay 05/02/2024  
 Supervised By :mohammad ahmed 05/06/2024



#80  
 Butylbenzylphthalate  
 Concen: 47.097 ng  
 RT: 20.623 min Scan# 3001  
 Delta R.T. -0.018 min  
 Lab File: BG061076.D  
 Acq: 1 May 2024 14:42

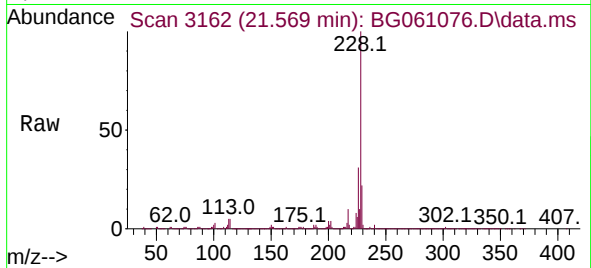
Tgt Ion:149 Resp: 185095  
 Ion Ratio Lower Upper  
 149 100  
 91 72.0 57.4 86.2  
 206 23.7 19.8 29.6





#81  
Benzo(a)anthracene  
Concen: 232.078 ng  
RT: 21.569 min Scan# 3162  
Delta R.T. -0.006 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

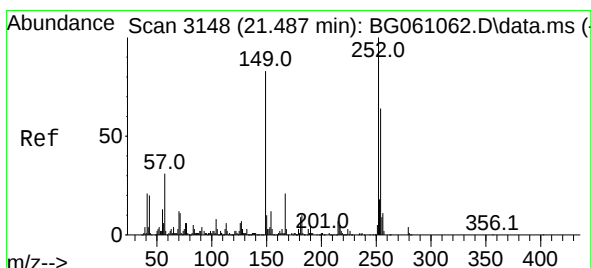
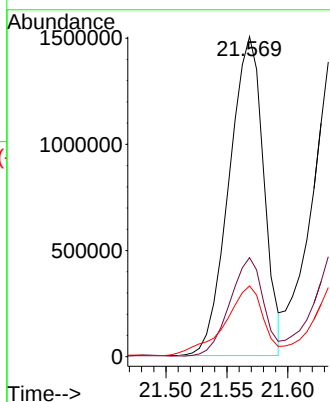
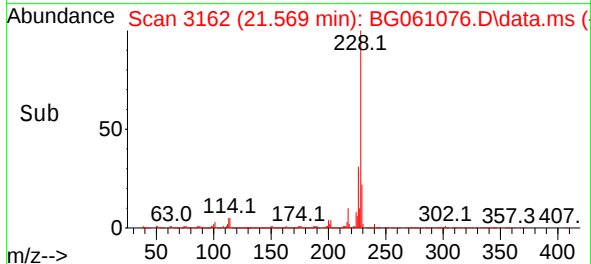
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:228 Resp: 2965774  
Ion Ratio Lower Upper  
228 100  
226 31.0 21.6 32.4  
229 22.1 15.0 22.4

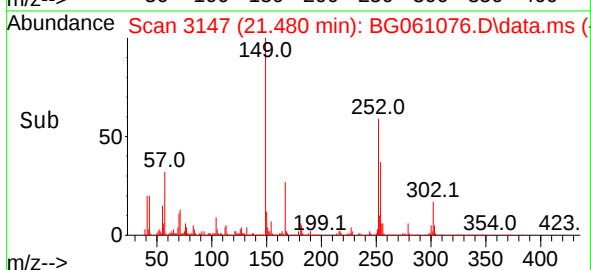
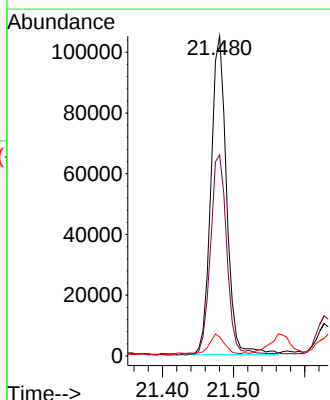
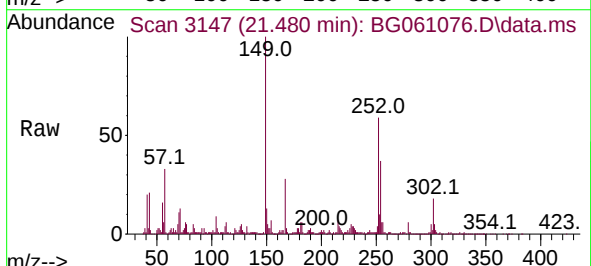
Manual Integrations  
APPROVED

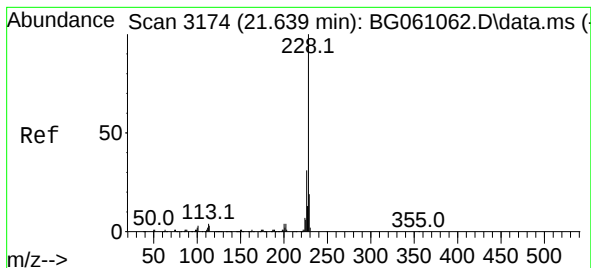
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 34.875 ng  
RT: 21.480 min Scan# 3147  
Delta R.T. -0.006 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion:252 Resp: 160387  
Ion Ratio Lower Upper  
252 100  
254 62.8 51.3 76.9  
126 6.0 5.2 7.8





#83

Chrysene

Concen: 235.006 ng m

RT: 21.639 min Scan# 3174

Delta R.T. -0.000 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

Tgt Ion:228 Resp: 281368

Ion Ratio Lower Upper

228 100

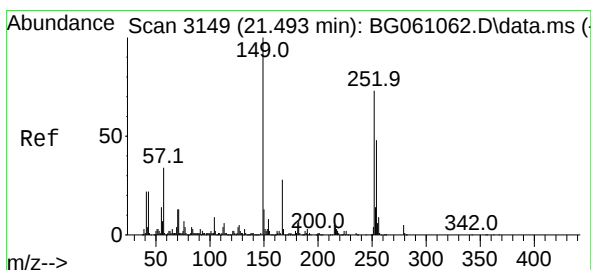
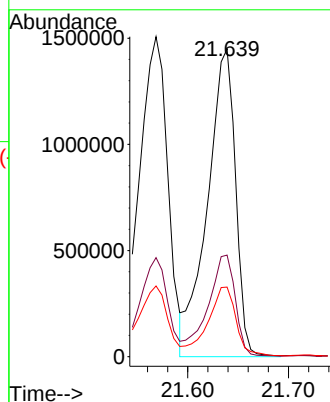
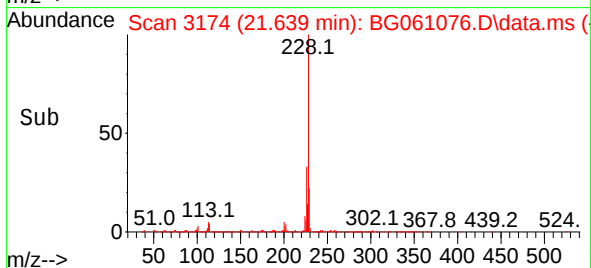
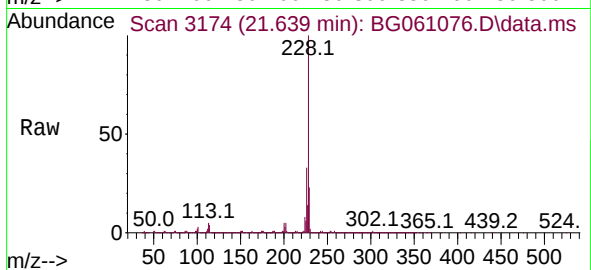
226 33.0 24.4 36.6

229 22.6 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.259 ng

RT: 21.475 min Scan# 3146

Delta R.T. -0.018 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

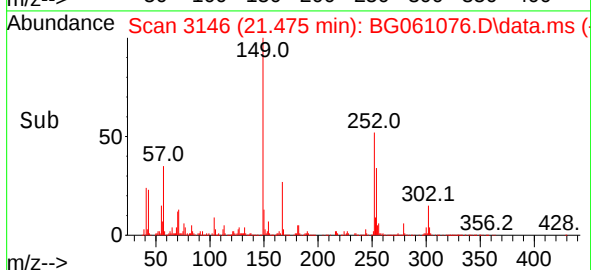
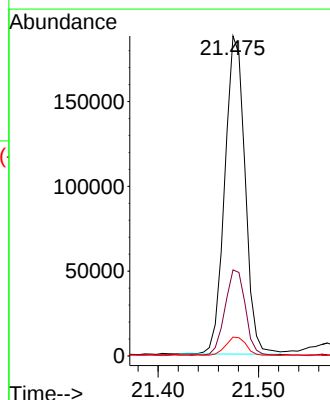
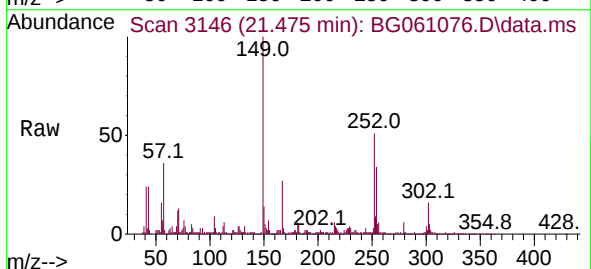
Tgt Ion:149 Resp: 263062

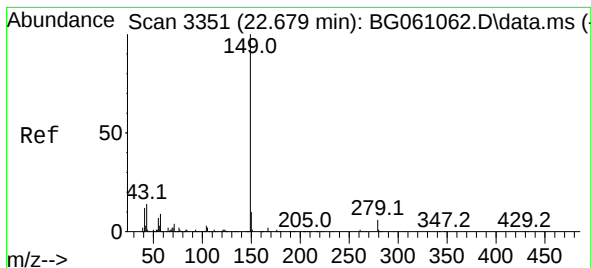
Ion Ratio Lower Upper

149 100

167 26.9 22.1 33.1

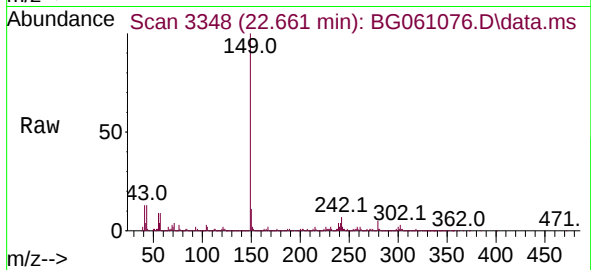
279 5.9 4.1 6.1





#85  
Di-n-octyl phthalate  
Concen: 50.134 ng  
RT: 22.661 min Scan# 34  
Delta R.T. -0.018 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

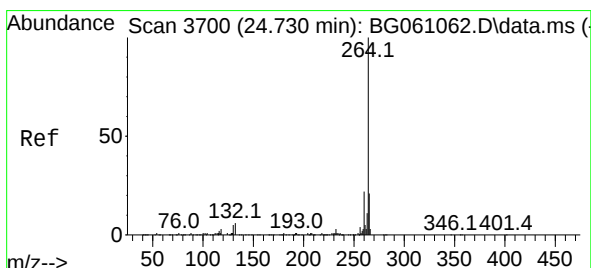
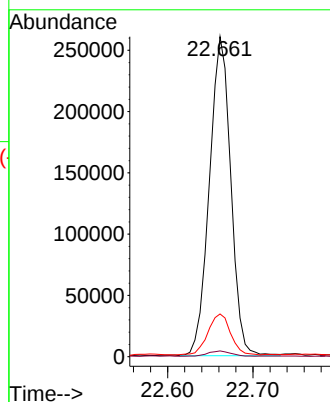
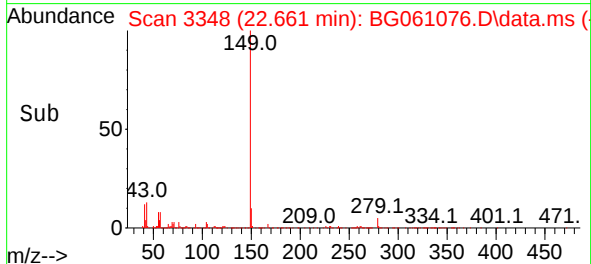
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:149 Resp: 453932  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.0  
43 13.6 10.6 15.8

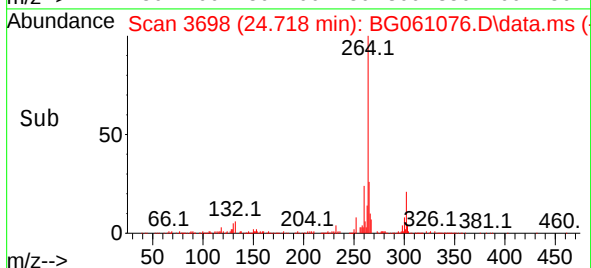
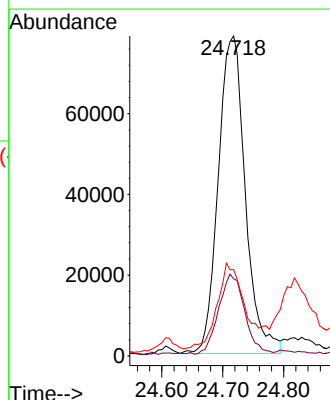
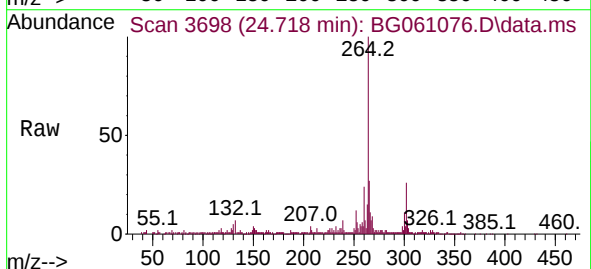
Manual Integrations  
APPROVED

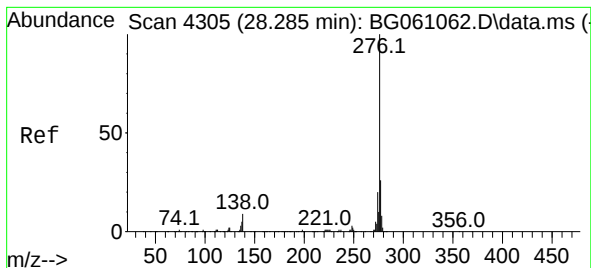
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.718 min Scan# 3698  
Delta R.T. -0.012 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion:264 Resp: 242302  
Ion Ratio Lower Upper  
264 100  
260 24.1 17.7 26.5  
265 26.9 16.4 24.6#





#87

Indeno(1,2,3-cd)pyrene

Concen: 139.346 ng

RT: 28.302 min Scan# 4305

Delta R.T. 0.017 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

Tgt Ion:276 Resp: 2237594

Ion Ratio Lower Upper

276 100

138 7.0 5.1 7.7

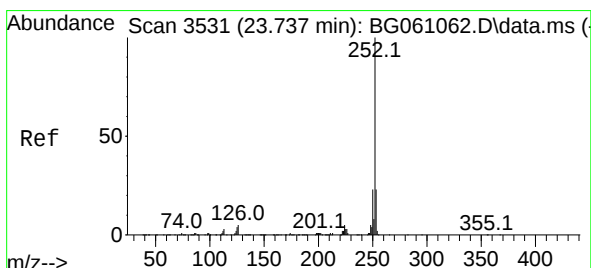
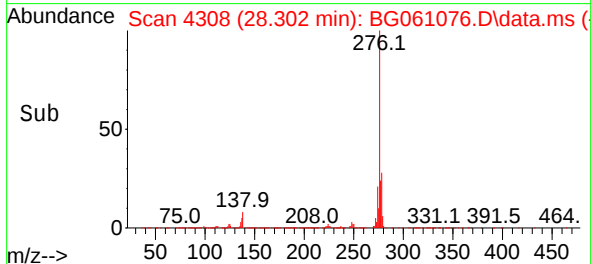
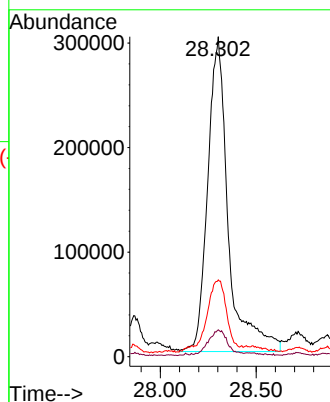
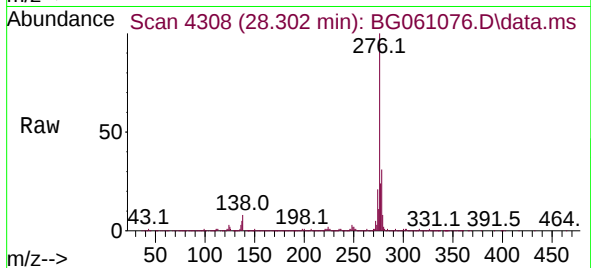
277 19.3 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/06/2024



#88

Benzo(b)fluoranthene

Concen: 265.768 ng

RT: 23.748 min Scan# 3533

Delta R.T. 0.011 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

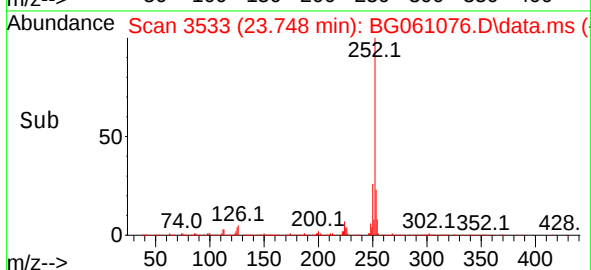
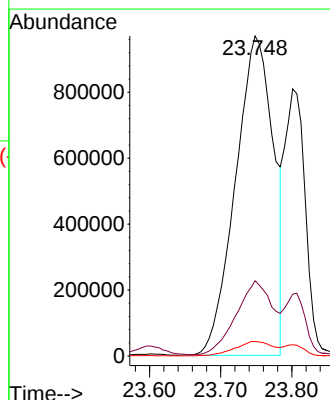
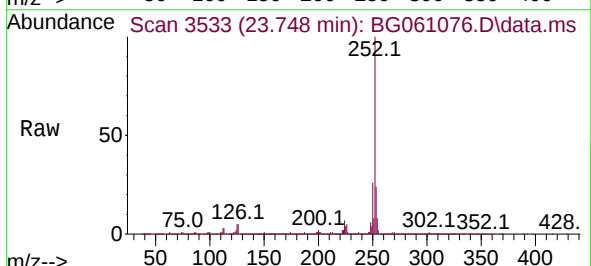
Tgt Ion:252 Resp: 3598476

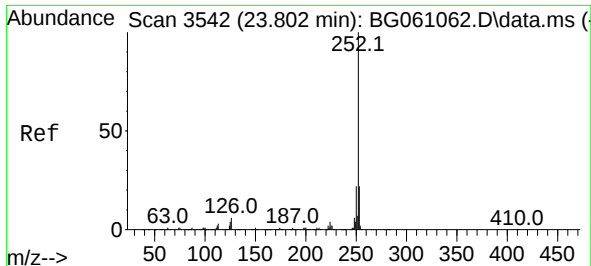
Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

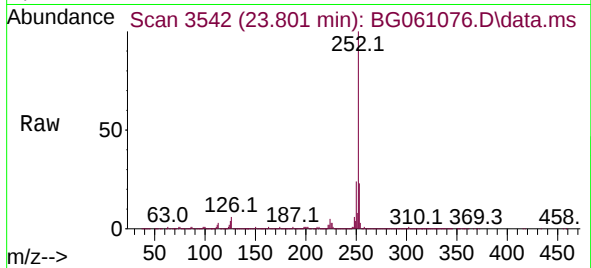
125 4.6 3.4 5.0





#89  
Benzo(k)fluoranthene  
Concen: 125.058 ng  
RT: 23.801 min Scan# 3542  
Delta R.T. -0.000 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

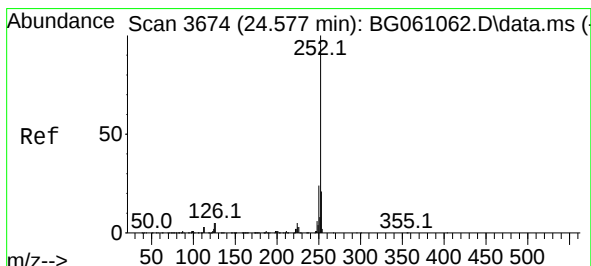
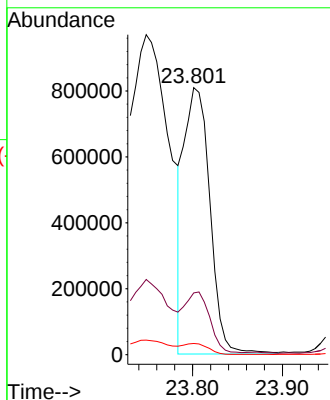
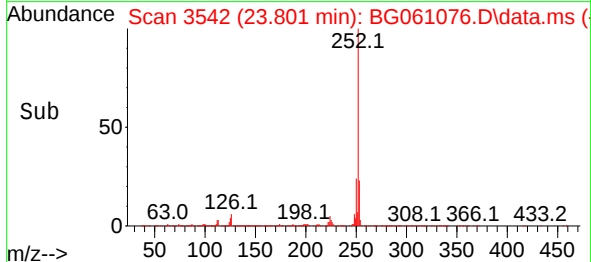
Instrument :  
BNA\_G  
ClientSampleId :  
WC-2MSD



Tgt Ion:252 Resp: 1628989  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.3 25.9  
125 4.2 3.2 4.8

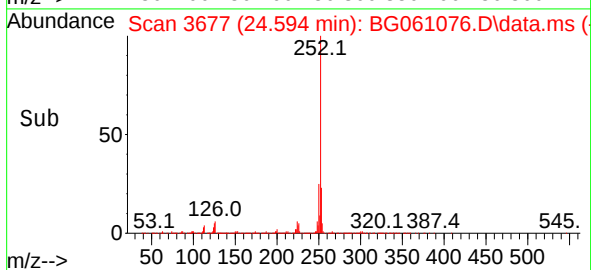
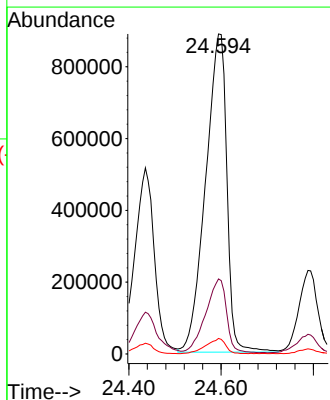
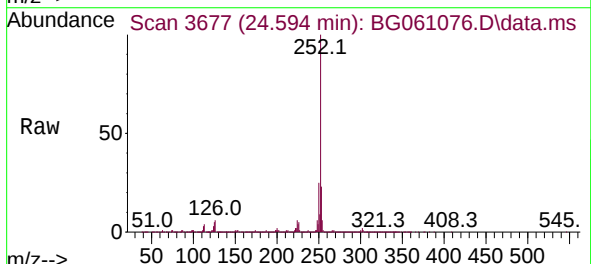
Manual Integrations  
APPROVED

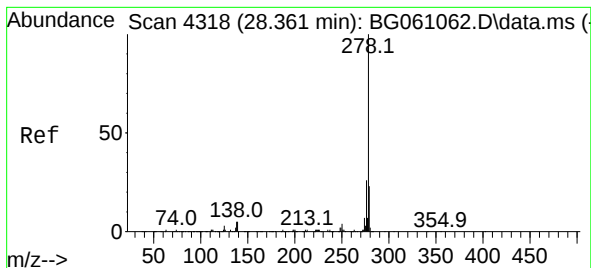
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#90  
Benzo(a)pyrene  
Concen: 240.945 ng  
RT: 24.594 min Scan# 3677  
Delta R.T. 0.017 min  
Lab File: BG061076.D  
Acq: 1 May 2024 14:42

Tgt Ion:252 Resp: 2842225  
Ion Ratio Lower Upper  
252 100  
253 23.5 16.9 25.3  
125 4.9 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 58.910 ng

RT: 28.331 min Scan# 441

Delta R.T. -0.030 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Instrument :

BNA\_G

ClientSampleId :

WC-2MSD

Tgt Ion:278 Resp: 78339

Ion Ratio Lower Upper

278 100

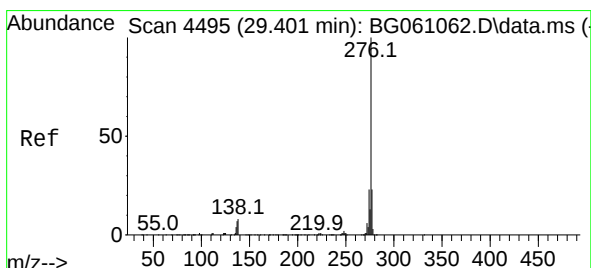
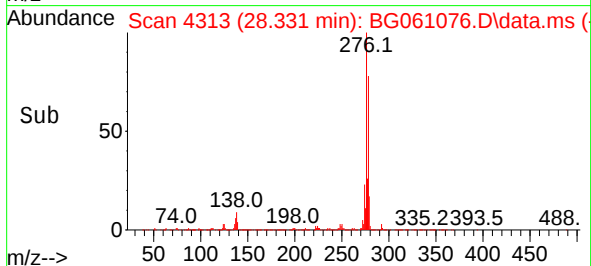
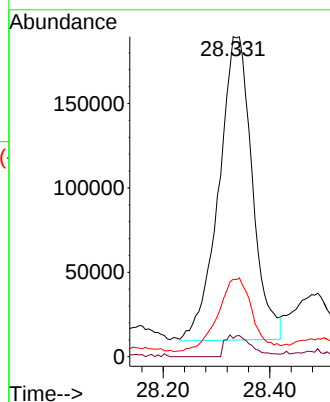
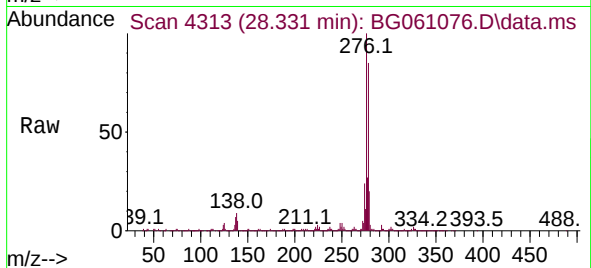
139 5.8 4.2 6.2

279 24.2 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024



#92

Benzo(g,h,i)perylene

Concen: 130.787 ng

RT: 29.406 min Scan# 4496

Delta R.T. 0.005 min

Lab File: BG061076.D

Acq: 1 May 2024 14:42

Tgt Ion:276 Resp: 1728340

Ion Ratio Lower Upper

276 100

277 24.7 18.2 27.4

138 8.6 6.2 9.2

