

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102425\  
 Data File : BG064570.D  
 Acq On : 24 Oct 2025 9:41  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025  
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:58:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 17:56:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.219  | 152  | 40837    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.045 | 136  | 168287   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.840 | 164  | 131387   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.578 | 188  | 331372   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.856 | 240  | 381389   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.199 | 264  | 401350   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.745  | 112  | 22421    | 9.216  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.349  | 99   | 30003    | 8.987  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.382  | 82   | 20097    | 7.173  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.315 | 330  | 14514    | 7.654  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.471 | 172  | 86089    | 9.932  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.169 | 244  | 204719   | 10.130 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.589  | 88   | 5823     | 5.406  | ng    | 95       |
| 3) Pyridine                   | 4.000  | 79   | 16637    | 5.143  | ng    | 89       |
| 6) Aniline                    | 7.525  | 93   | 22494    | 4.952  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.778  | 128  | 10732    | 4.214  | ng    | 96       |
| 10) Phenol                    | 7.373  | 94   | 16995    | 4.603  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.619  | 93   | 13341    | 4.915  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 8.113  | 146  | 14650    | 4.998  | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 8.260  | 146  | 14610m   | 4.902  | ng    |          |
| 14) 1,2-Dichlorobenzene       | 8.583  | 146  | 13994    | 4.868  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.736  | 45   | 34925    | 4.905  | ng    | 97       |
| 17) 2-Methylphenol            | 8.648  | 107  | 11259    | 4.593  | ng    | 97       |
| 18) Hexachloroethane          | 9.329  | 117  | 4773     | 4.564  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 9.024  | 70   | 10596    | 4.592  | ng    | 92       |
| 22) Acetophenone              | 9.035  | 105  | 22505    | 4.892  | ng    | # 92     |
| 24) Nitrobenzene              | 9.423  | 77   | 11526    | 3.782  | ng    | # 95     |
| 25) Isophorone                | 9.946  | 82   | 31609    | 4.701  | ng    | # 93     |
| 26) 2-Nitrophenol             | 10.140 | 139  | 3186     | 5.664  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 10.193 | 122  | 9925     | 3.969  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.434 | 93   | 18999    | 4.963  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.680 | 162  | 10223    | 3.798  | ng    | 89       |
| 30) 1,2,4-Trichlorobenzene    | 10.904 | 180  | 14238    | 4.656  | ng    | 97       |
| 31) Naphthalene               | 11.098 | 128  | 45559    | 4.883  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.186 | 127  | 16429    | 4.530  | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.391 | 225  | 11212    | 4.688  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.290 | 107  | 13604    | 4.205  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.690 | 142  | 32129    | 4.690  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.901 | 142  | 33565m   | 4.951  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 13.048 | 216  | 21576    | 4.893  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.277 | 196  | 9650     | 3.826  | ng    | 93       |
| 44) 2,4,5-Trichlorophenol     | 13.342 | 196  | 11151    | 3.831  | ng    | # 91     |
| 46) 1,1'-Biphenyl             | 13.683 | 154  | 47840    | 5.122  | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.724 | 162  | 34977    | 4.961  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.906 | 65   | 6601     | 5.826  | ng    | 87       |
| 49) Acenaphthylene            | 14.564 | 152  | 54748    | 4.923  | ng    | 98       |
| 50) Dimethylphthalate         | 14.282 | 163  | 45639    | 4.540  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.394 | 165  | 4161     | 5.535  | ng    | # 91     |

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 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

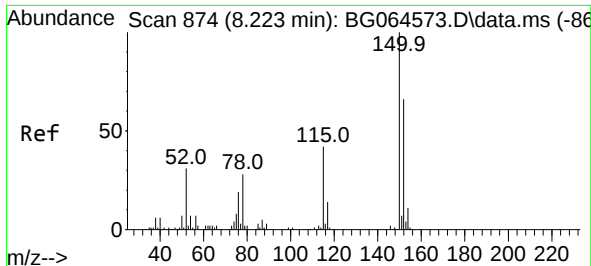
Reviewed By :Rahul Chavli 10/27/2025  
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 03 17:58:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 17:56:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.905 | 154  | 36982    | 4.867 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.717 | 138  | 5903     | 3.417 | ng #  | 96       |
| 55) Dibenzofuran              | 15.234 | 168  | 61779    | 5.029 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 15.175 | 165  | 7312     | 5.721 | ng #  | 80       |
| 58) Fluorene                  | 15.880 | 166  | 48305    | 5.035 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.451 | 232  | 10241    | 3.679 | ng #  | 95       |
| 60) Diethylphthalate          | 15.639 | 149  | 46534    | 4.533 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.874 | 204  | 26270    | 4.880 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.869 | 138  | 6383     | 3.321 | ng    | 90       |
| 63) Azobenzene                | 16.162 | 77   | 44729    | 4.749 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 16.080 | 169  | 42291    | 4.725 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.762 | 248  | 18064    | 4.600 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.885 | 284  | 21076    | 4.705 | ng    | 95       |
| 69) Atrazine                  | 17.014 | 200  | 17783    | 4.616 | ng    | 94       |
| 71) Phenanthrene              | 17.619 | 178  | 89771    | 4.954 | ng    | 99       |
| 72) Anthracene                | 17.713 | 178  | 90063    | 4.886 | ng    | 99       |
| 73) Carbazole                 | 17.966 | 167  | 81350    | 5.005 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.530 | 149  | 83713    | 4.454 | ng    | 99       |
| 75) Fluoranthene              | 19.617 | 202  | 114724   | 5.054 | ng    | 98       |
| 78) Pyrene                    | 19.975 | 202  | 122676   | 4.923 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.857 | 149  | 27072    | 3.595 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.832 | 228  | 123345   | 4.878 | ng    | 98       |
| 83) Chrysene                  | 21.903 | 228  | 119080   | 4.949 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.750 | 149  | 46117    | 4.098 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.030 | 276  | 138758   | 4.700 | ng #  | 88       |
| 88) Benzo(b)fluoranthene      | 24.129 | 252  | 114203   | 4.640 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.200 | 252  | 117893   | 4.787 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.040 | 252  | 106414   | 4.704 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.100 | 278  | 112398   | 4.686 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 30.216 | 276  | 108407   | 4.731 | ng    | 97       |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.219 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

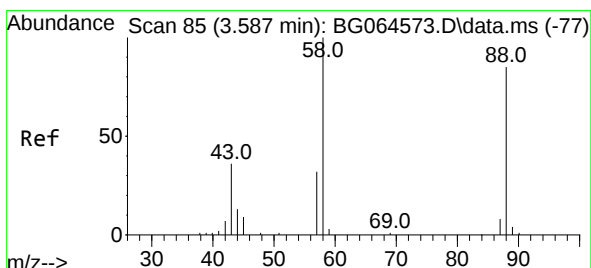
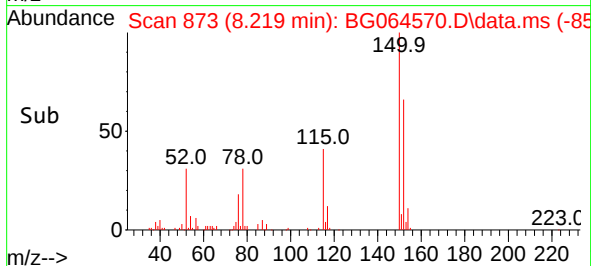
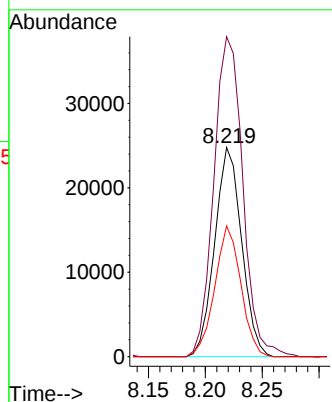
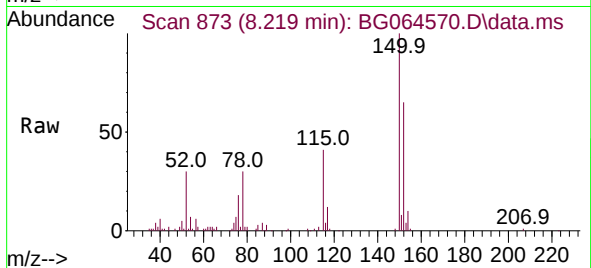
SSTDICC005

Tgt Ion:152 Resp: 4083  
Ion Ratio Lower Upper  
152 100  
150 153.0 122.2 183.4  
115 62.5 50.8 76.2

Manual Integrations

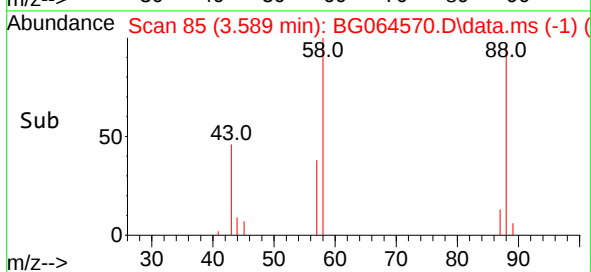
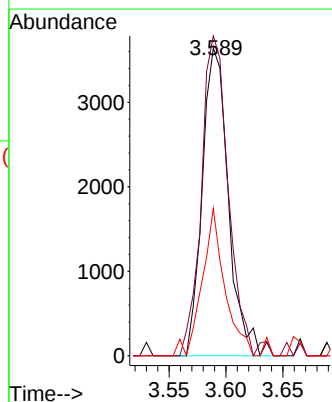
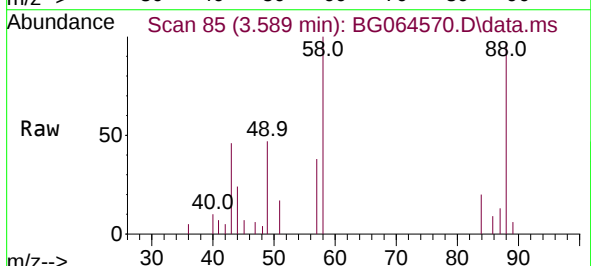
APPROVED

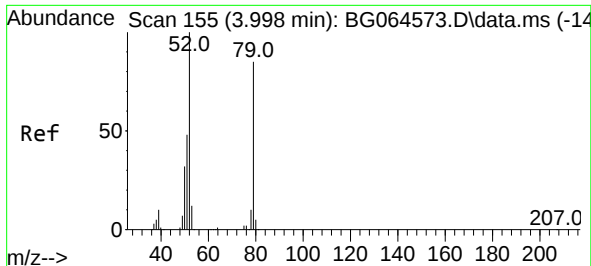
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#2  
1,4-Dioxane  
Concen: 5.406 ng  
RT: 3.589 min Scan# 85  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion: 88 Resp: 5823  
Ion Ratio Lower Upper  
88 100  
58 108.0 92.4 138.6  
43 41.6 33.0 49.6





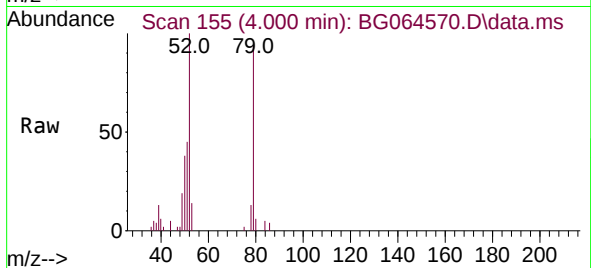
#3  
Pyridine  
Concen: 5.143 ng  
RT: 4.000 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

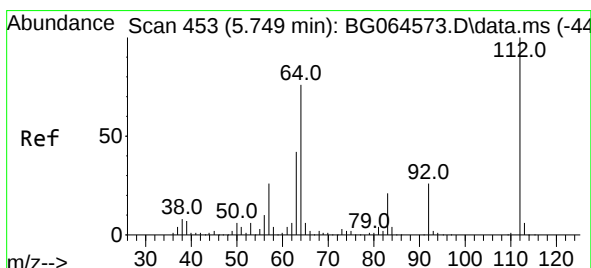
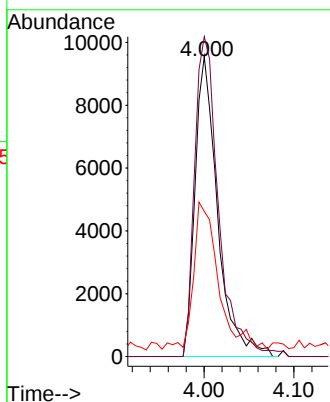
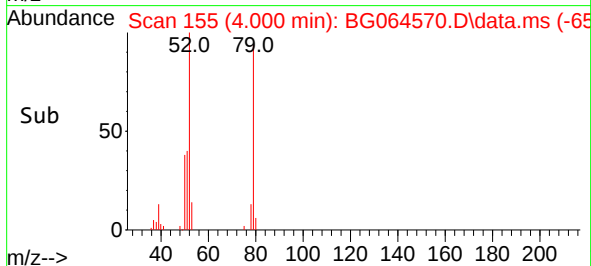
SSTDICC005



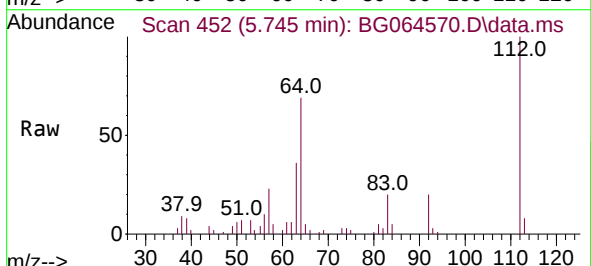
Tgt Ion: 79 Resp: 1663  
Ion Ratio Lower Upper  
79 100  
52 106.6 94.2 141.2  
51 48.4 46.1 69.1

Manual Integrations  
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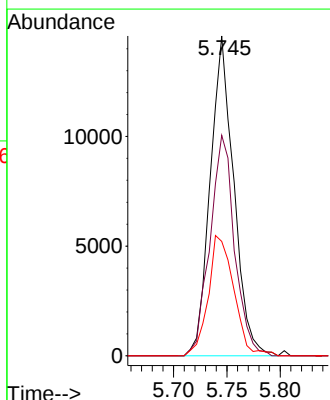
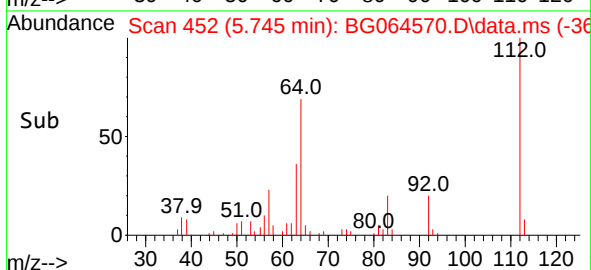
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

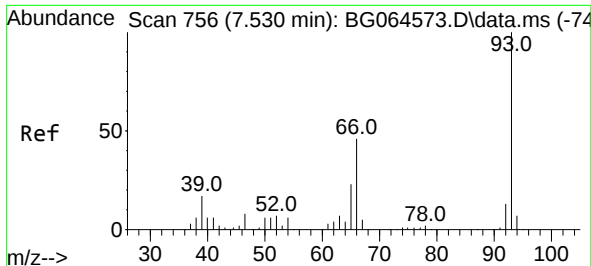


#5  
2-Fluorophenol  
Concen: 9.216 ng  
RT: 5.745 min Scan# 452  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:112 Resp: 22421  
Ion Ratio Lower Upper  
112 100  
64 68.9 60.7 91.1  
63 35.8 33.4 50.0





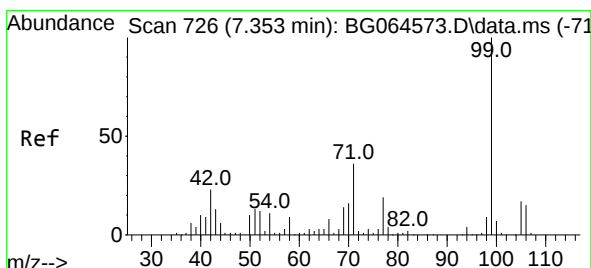
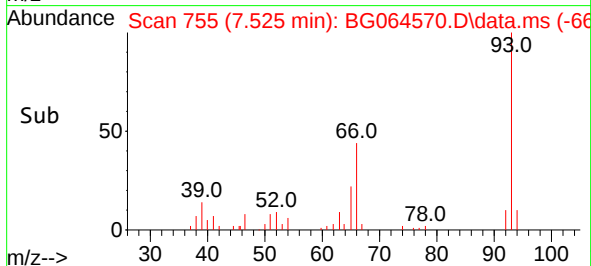
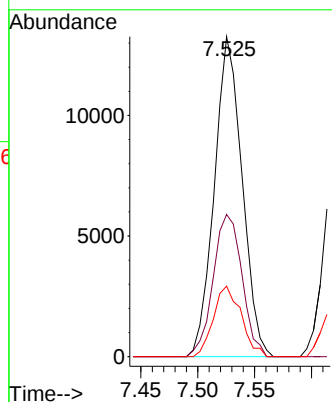
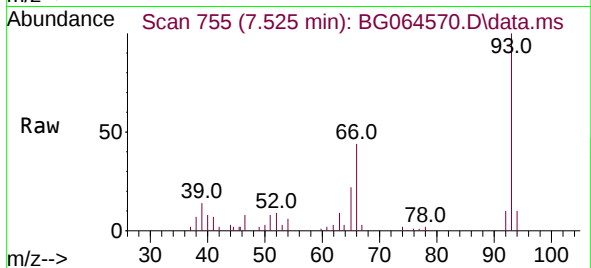
#6  
Aniline  
Concen: 4.952 ng  
RT: 7.525 min Scan# 71  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

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BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 93 Resp: 22494  
Ion Ratio Lower Upper  
93 100  
66 44.4 37.0 55.6  
65 22.0 18.3 27.5

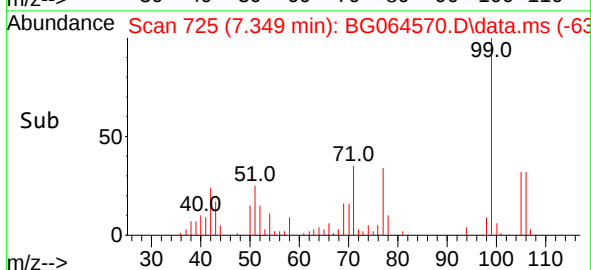
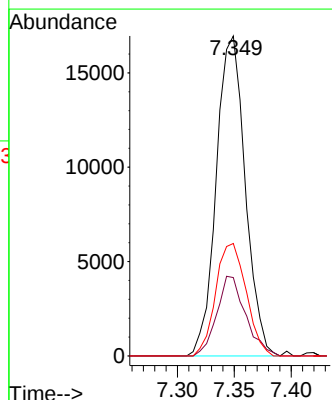
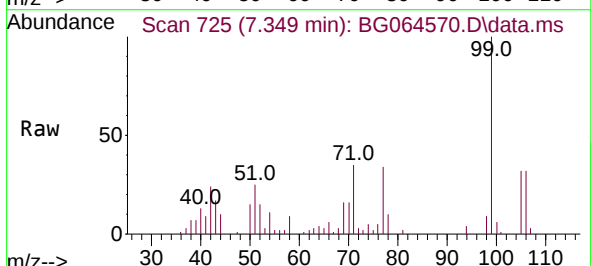
Manual Integrations  
APPROVED

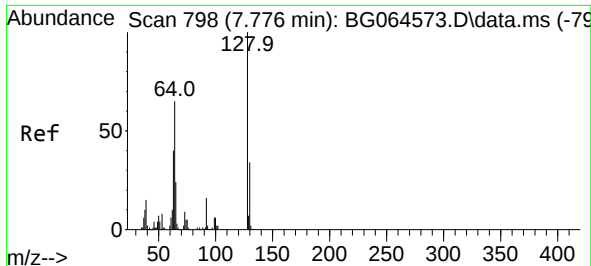
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#7  
Phenol-d6  
Concen: 8.987 ng  
RT: 7.349 min Scan# 725  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

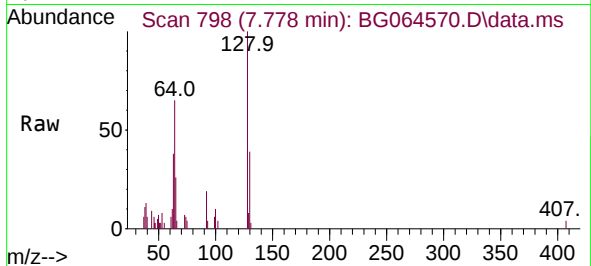
Tgt Ion: 99 Resp: 30003  
Ion Ratio Lower Upper  
99 100  
42 24.5 18.3 27.5  
71 35.1 28.6 43.0





#8  
2-Chlorophenol  
Concen: 4.214 ng  
RT: 7.778 min Scan# 798  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

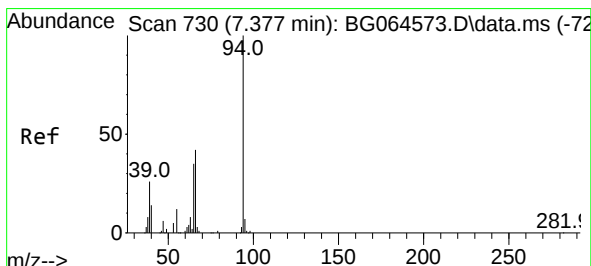
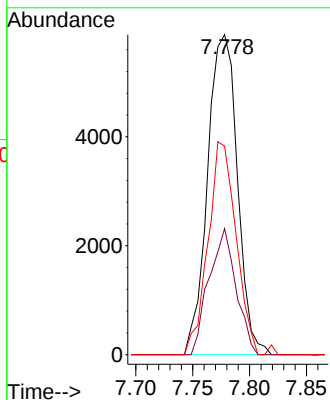
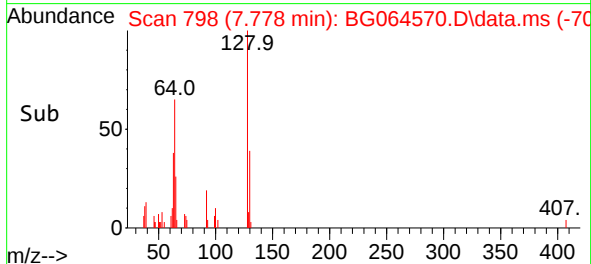
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



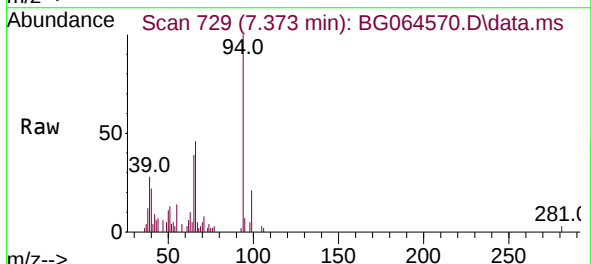
Tgt Ion:128 Resp: 10732  
Ion Ratio Lower Upper  
128 100  
130 39.4 13.5 53.5  
64 65.2 45.2 85.2

Manual Integrations  
APPROVED

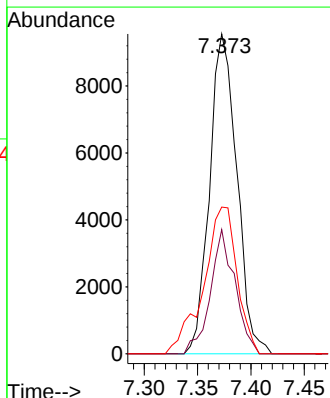
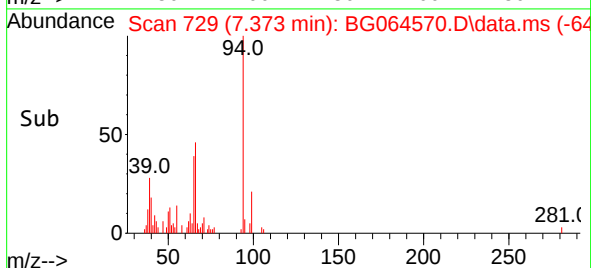
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

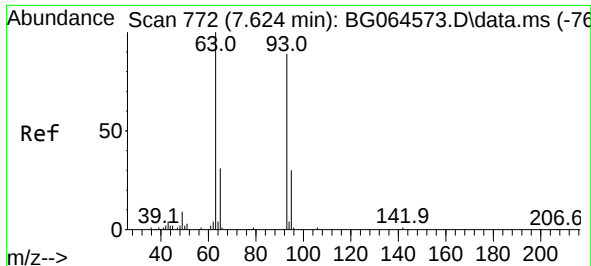


#10  
Phenol  
Concen: 4.603 ng  
RT: 7.373 min Scan# 729  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



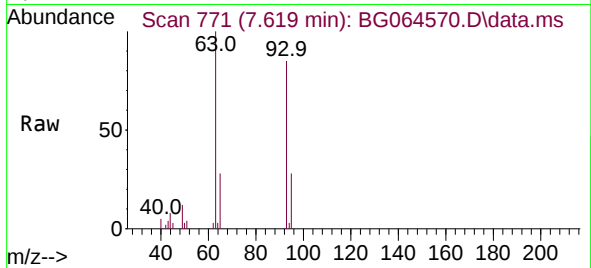
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Ion Ratio Lower Upper  
94 100  
65 38.8 15.8 55.8  
66 45.9 24.0 64.0





#11  
bis(2-Chloroethyl)ether  
Concen: 4.915 ng  
RT: 7.619 min Scan# 771  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

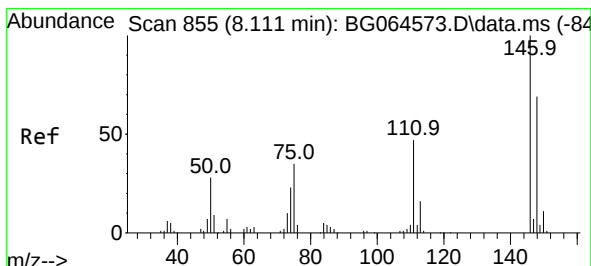
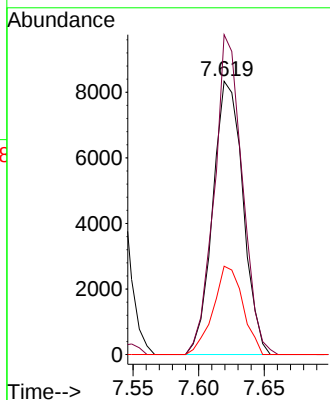
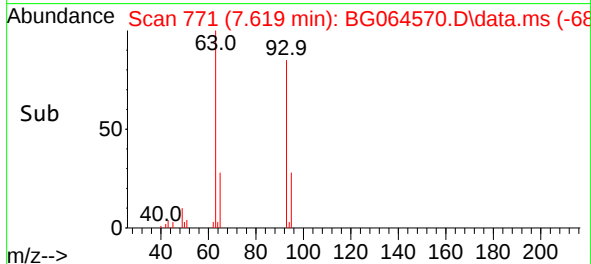
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



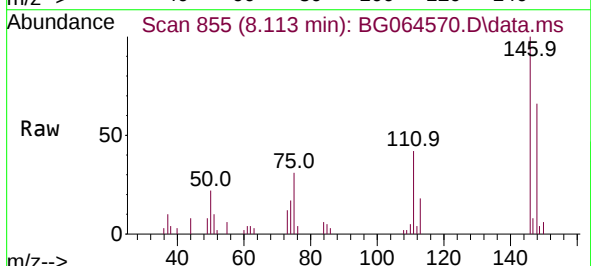
Tgt Ion: 93 Resp: 1334  
Ion Ratio Lower Upper  
93 100  
63 117.0 91.3 131.3  
95 32.3 13.3 53.3

Manual Integrations  
APPROVED

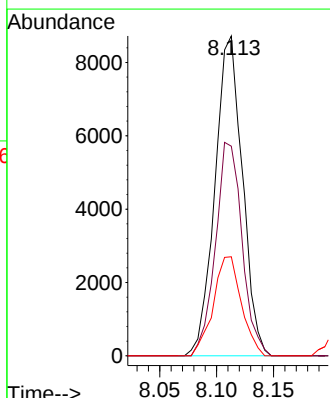
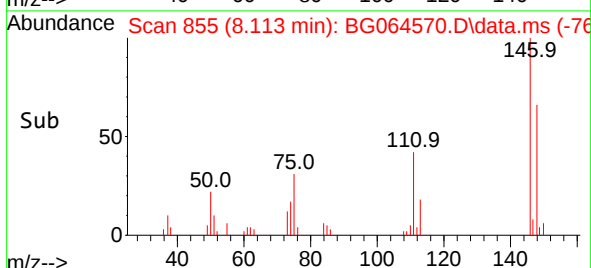
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

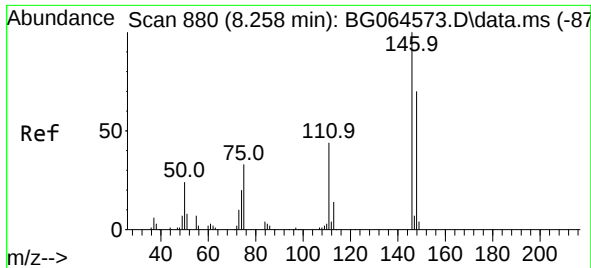


#12  
1,3-Dichlorobenzene  
Concen: 4.998 ng  
RT: 8.113 min Scan# 855  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



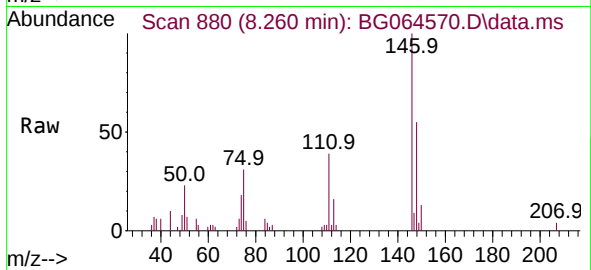
Tgt Ion:146 Resp: 14650  
Ion Ratio Lower Upper  
146 100  
148 64.6 55.3 82.9  
75 28.7 28.2 42.2





#13  
1,4-Dichlorobenzene  
Concen: 4.902 ng m  
RT: 8.260 min Scan# 880  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

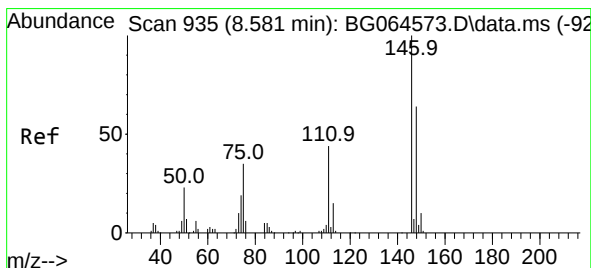
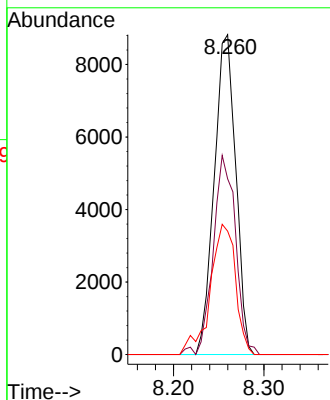
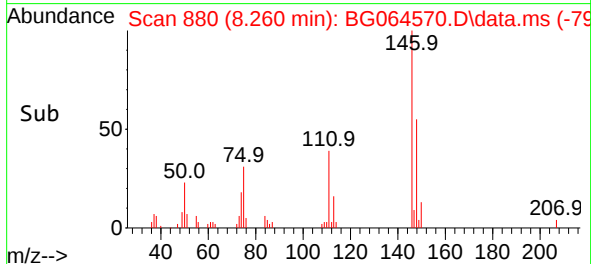
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



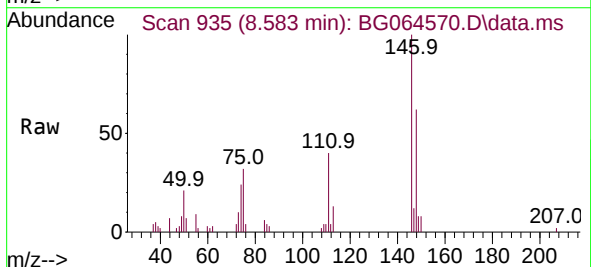
Tgt Ion:146 Resp: 14610  
Ion Ratio Lower Upper  
146 100  
148 54.9 56.2 84.4  
111 38.6 35.4 53.0

Manual Integrations  
APPROVED

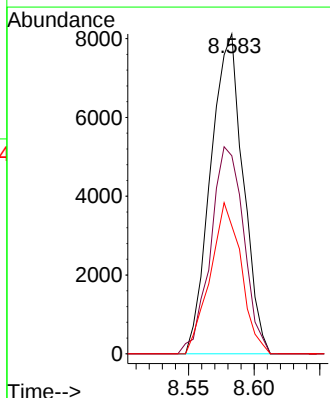
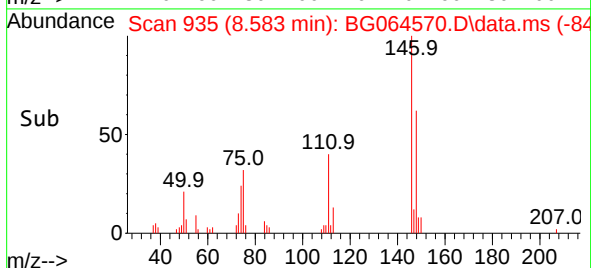
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

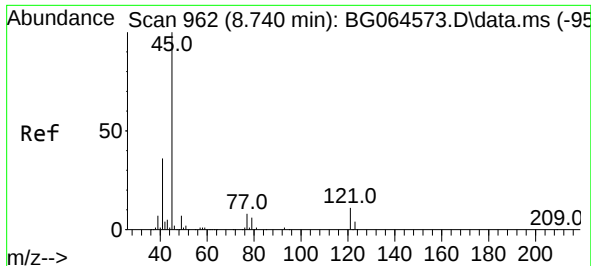


#14  
1,2-Dichlorobenzene  
Concen: 4.868 ng  
RT: 8.583 min Scan# 935  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:146 Resp: 13994  
Ion Ratio Lower Upper  
146 100  
148 61.9 51.5 77.3  
111 40.0 35.0 52.6





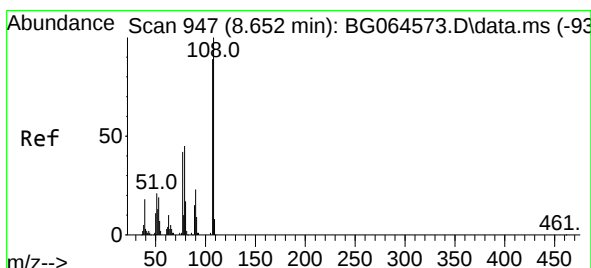
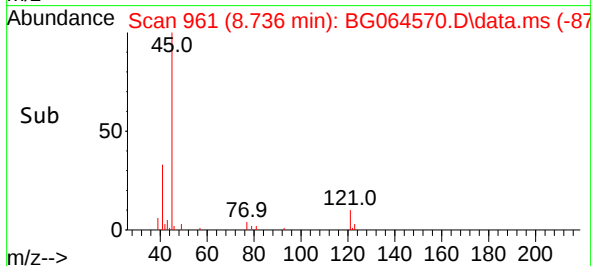
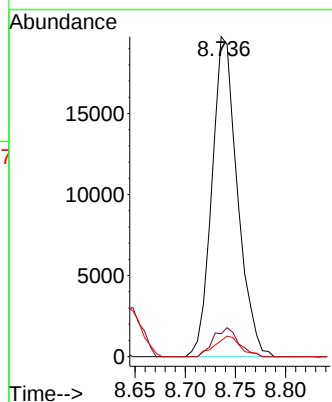
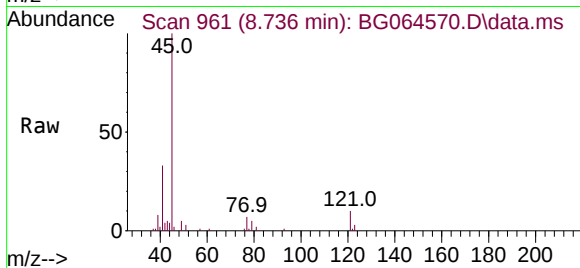
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.905 ng  
RT: 8.736 min Scan# 90  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 45 Resp: 34925  
Ion Ratio Lower Upper  
45 100  
77 7.1 0.0 28.5  
79 5.0 0.0 25.6

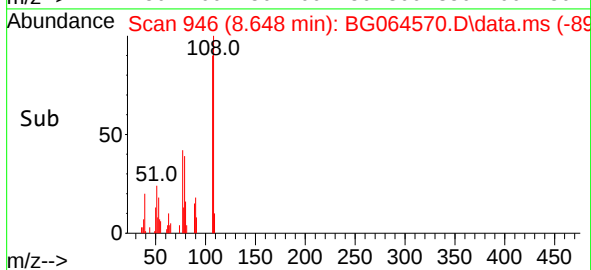
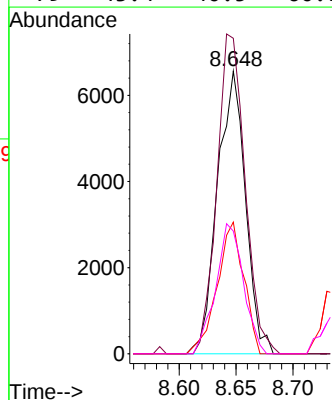
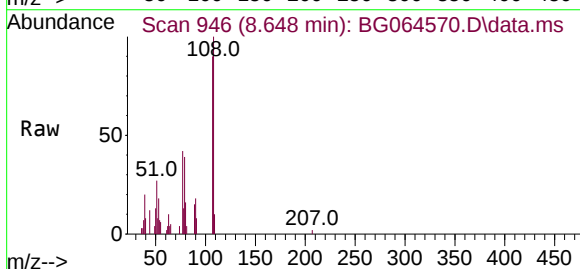
Manual Integrations  
APPROVED

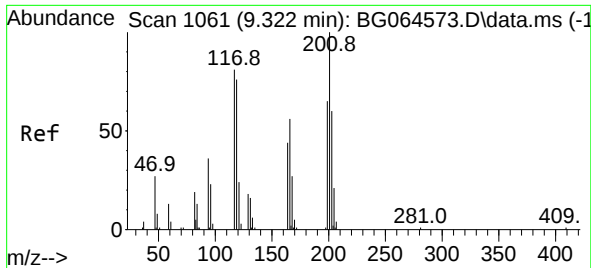
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#17  
2-Methylphenol  
Concen: 4.593 ng  
RT: 8.648 min Scan# 946  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:107 Resp: 11259  
Ion Ratio Lower Upper  
107 100  
108 111.6 90.0 135.0  
77 46.6 37.8 56.8  
79 43.4 40.5 60.7





Hexachloroethane  
 Concen: 4.564 ng  
 RT: 9.329 min Scan# 1061  
 Delta R.T. 0.008 min  
 Lab File: BG064570.D  
 Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

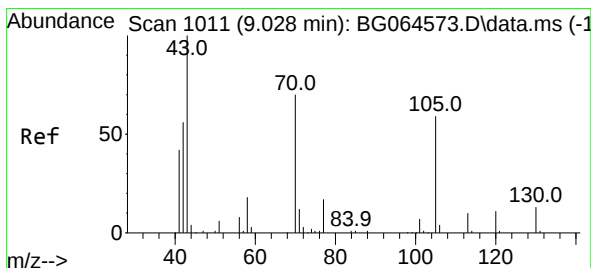
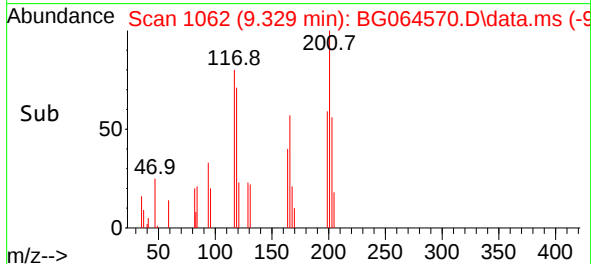
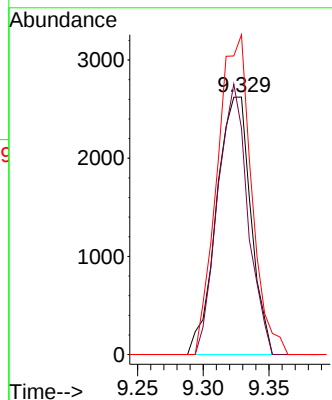
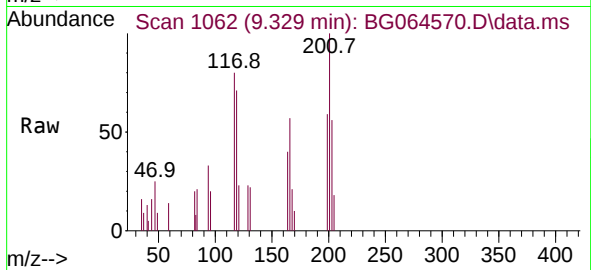
SSTDICC005

Tgt Ion:117 Resp: 4773  
 Ion Ratio Lower Upper  
 117 100  
 119 88.0 75.4 113.2  
 201 124.2 99.2 148.8

Manual Integrations

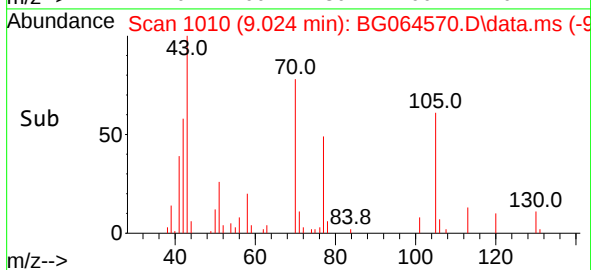
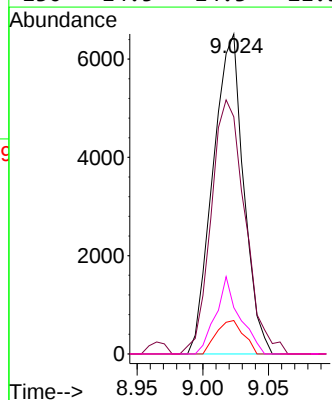
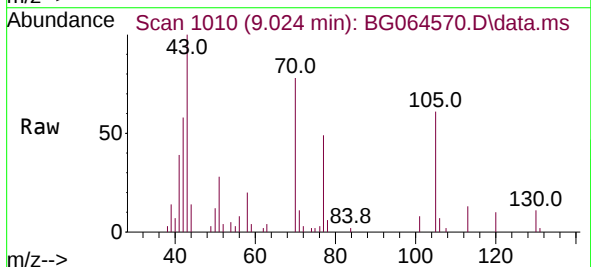
APPROVED

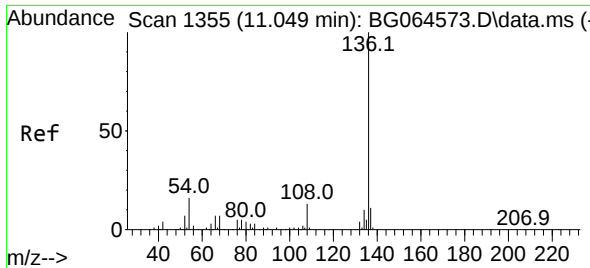
Reviewed By :Rahul Chavli 10/27/2025  
 Supervised By :mohammad ahmed 11/05/2025



n-Nitroso-di-n-propylamine  
 Concen: 4.592 ng  
 RT: 9.024 min Scan# 1010  
 Delta R.T. -0.004 min  
 Lab File: BG064570.D  
 Acq: 24 Oct 2025 9:41

Tgt Ion: 70 Resp: 10596  
 Ion Ratio Lower Upper  
 70 100  
 42 74.1 65.2 97.8  
 101 10.4 7.9 11.9  
 130 14.5 14.3 21.5





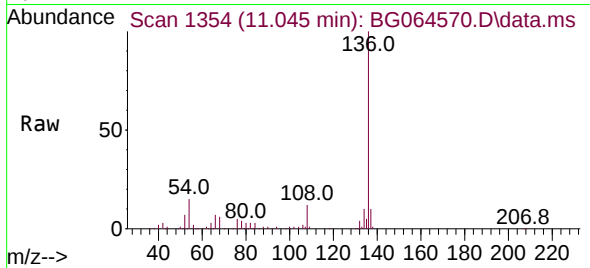
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.045 min Scan# 1355  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDIC005

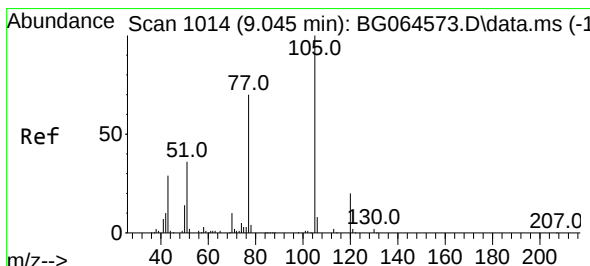
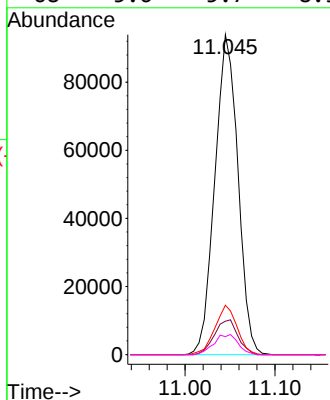
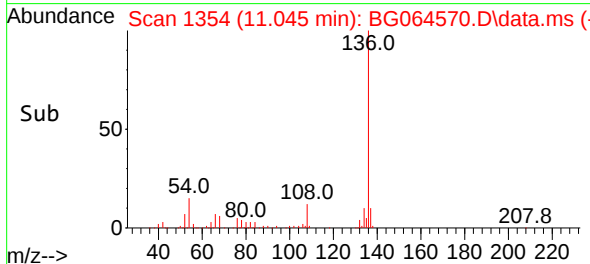


Tgt Ion:136 Resp: 168287  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.2 13.8  
54 15.4 12.6 19.0  
68 5.6 5.7 8.5#

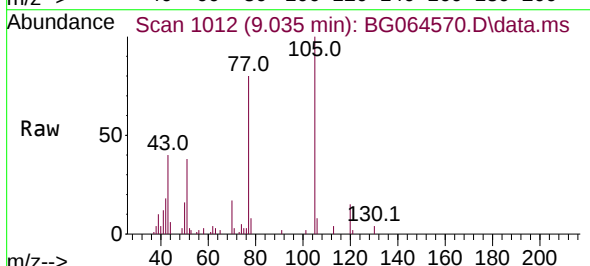
Manual Integrations

APPROVED

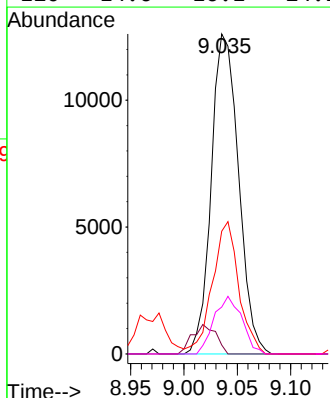
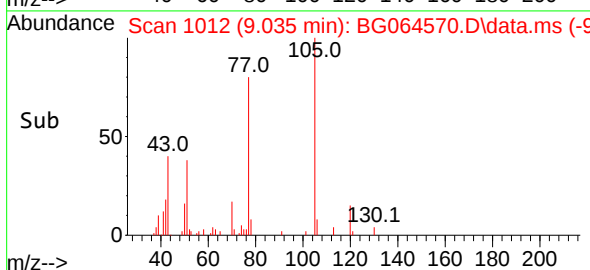
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

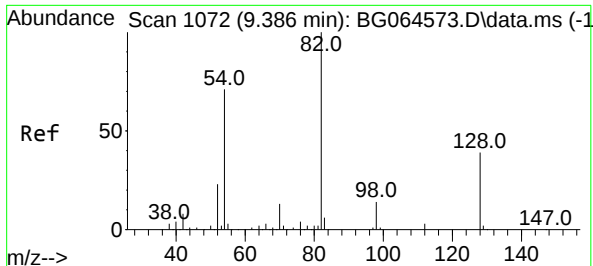


#22  
Acetophenone  
Concen: 4.892 ng  
RT: 9.035 min Scan# 1012  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:105 Resp: 22505  
Ion Ratio Lower Upper  
105 100  
71 2.8 1.5 2.3#  
51 38.4 33.7 50.5  
120 14.6 16.1 24.1#





#23

Nitrobenzene-d5

Concen: 7.173 ng

RT: 9.382 min Scan# 1072

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

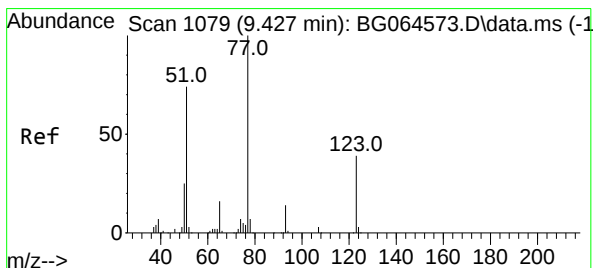
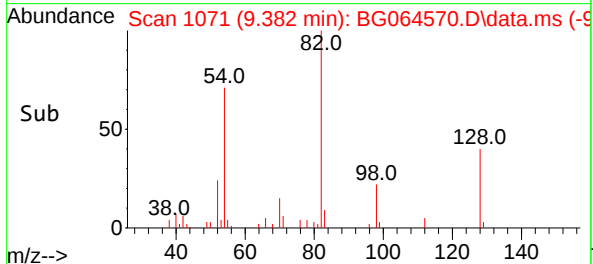
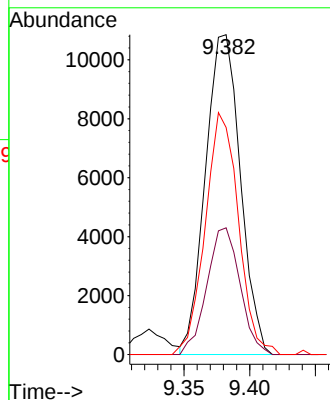
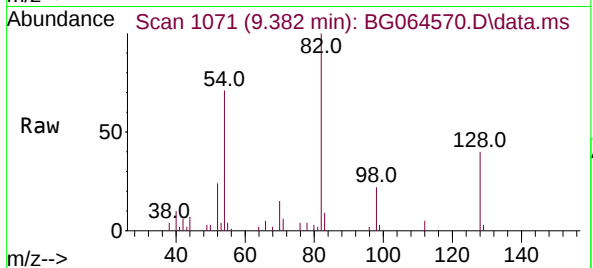
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2009 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 39.6  | 31.3  | 46.9 |
| 54        | 71.0  | 56.6  | 84.8 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 3.782 ng

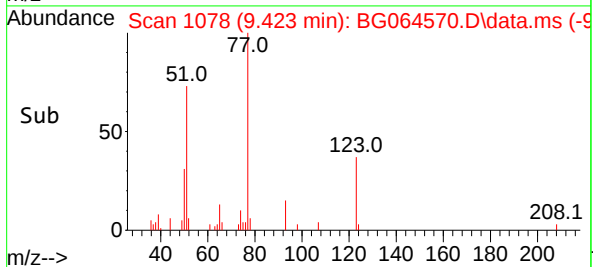
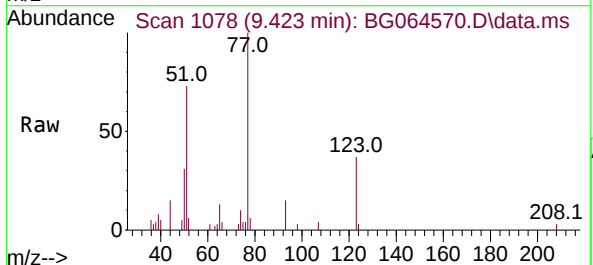
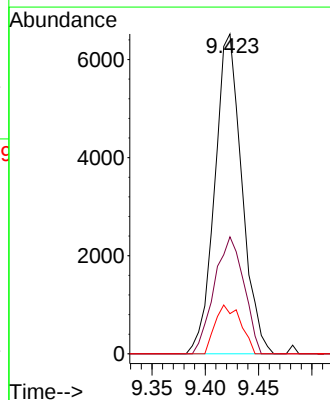
RT: 9.423 min Scan# 1078

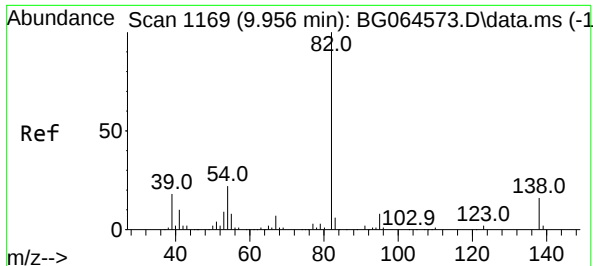
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 11526 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 36.6  | 31.0  | 46.6  |
| 65        | 12.6  | 12.7  | 19.1  |





#25  
Isophorone  
Concen: 4.701 ng  
RT: 9.946 min Scan# 1169  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

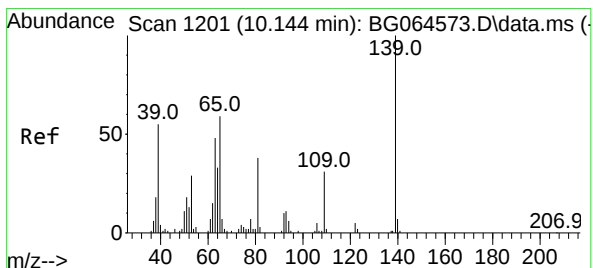
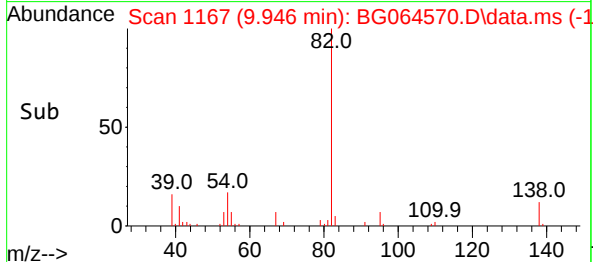
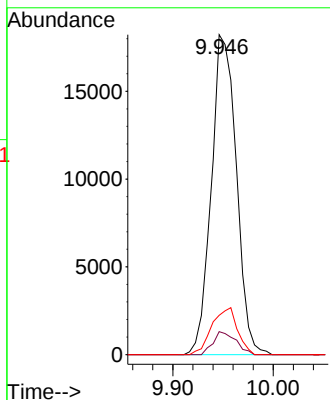
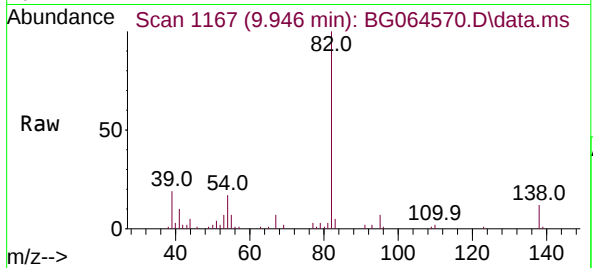
SSTDICC005

Tgt Ion: 82 Resp: 31609  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.1 9.1  
138 12.3 13.0 19.4

Manual Integrations

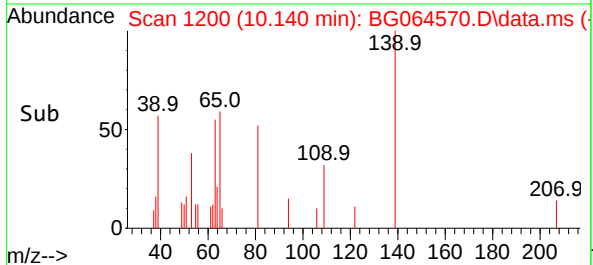
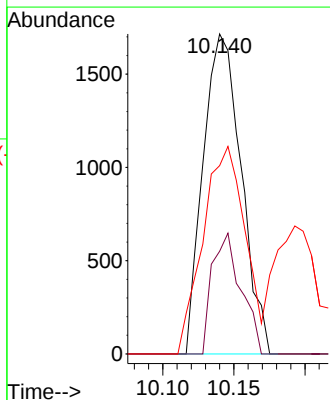
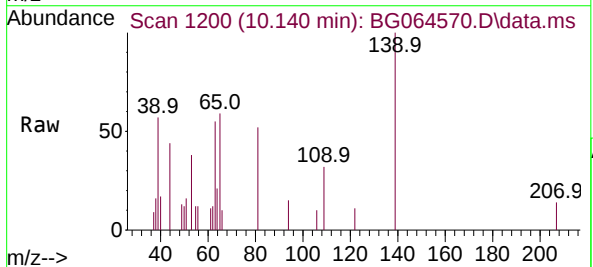
APPROVED

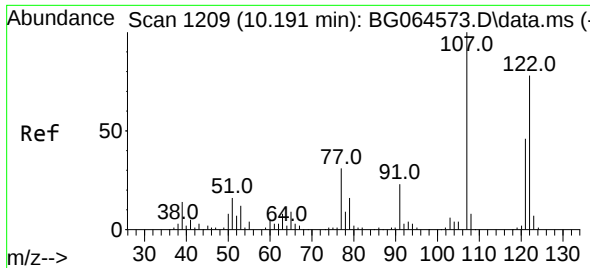
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#26  
2-Nitrophenol  
Concen: 5.664 ng  
RT: 10.140 min Scan# 1200  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:139 Resp: 3186  
Ion Ratio Lower Upper  
139 100  
109 32.1 24.6 37.0  
65 58.9 47.5 71.3





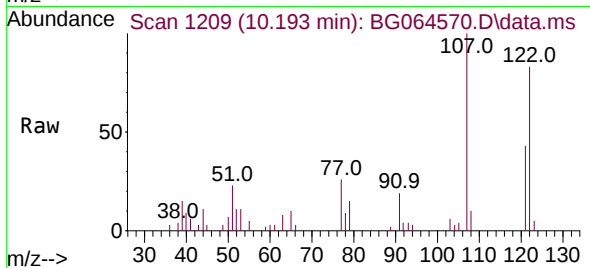
#27  
2,4-Dimethylphenol  
Concen: 3.969 ng  
RT: 10.193 min Scan# 1209  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005



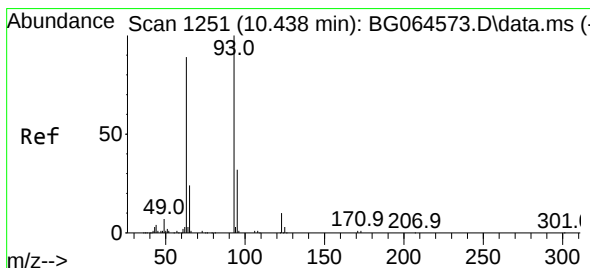
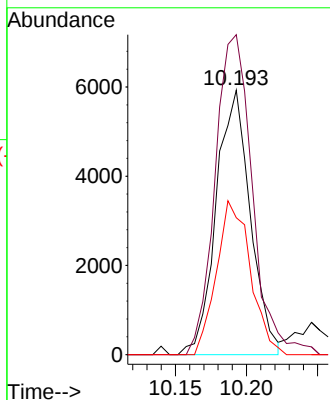
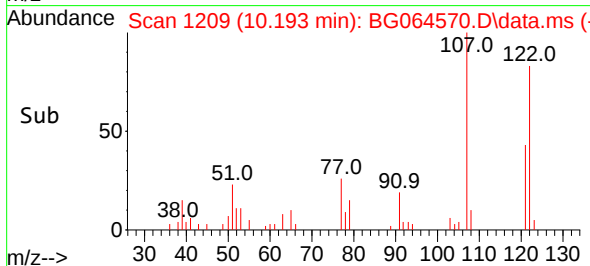
Tgt Ion:122 Resp: 9925  
Ion Ratio Lower Upper  
122 100  
107 121.0 103.0 154.4  
121 51.7 47.8 71.8

Manual Integrations

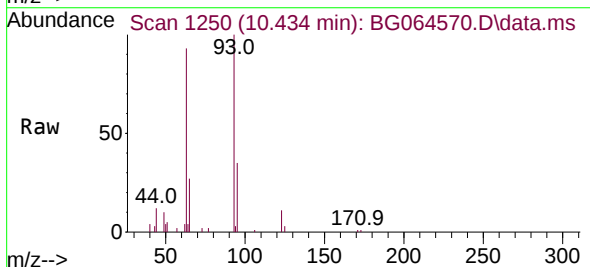
APPROVED

Reviewed By :Rahul Chavli 10/27/2025

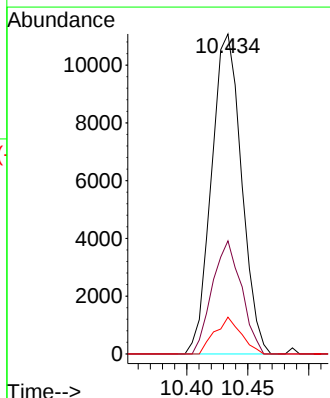
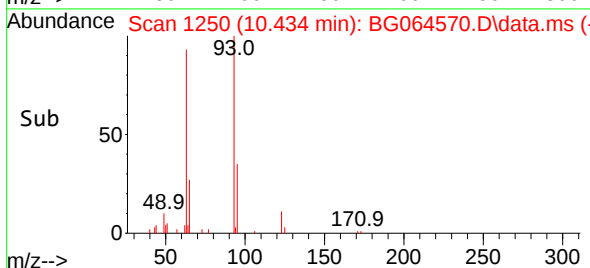
Supervised By :mohammad ahmed 11/05/2025

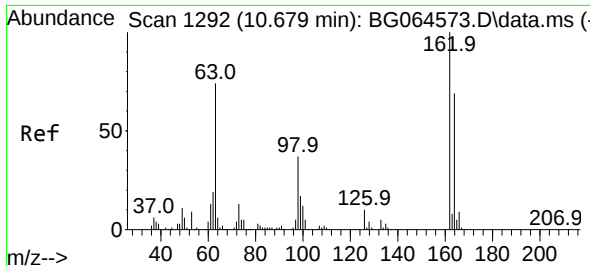


#28  
bis(2-Chloroethoxy)methane  
Concen: 4.963 ng  
RT: 10.434 min Scan# 1250  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion: 93 Resp: 18999  
Ion Ratio Lower Upper  
93 100  
95 35.3 25.4 38.2  
123 11.5 8.4 12.6





#29  
2,4-Dichlorophenol  
Concen: 3.798 ng  
RT: 10.680 min Scan# 1292  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

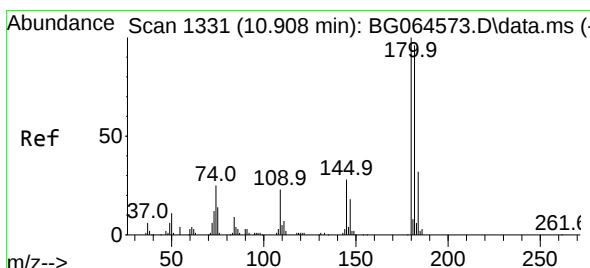
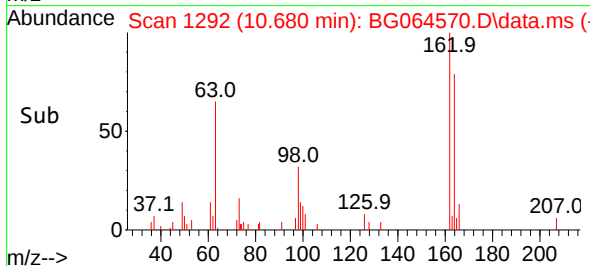
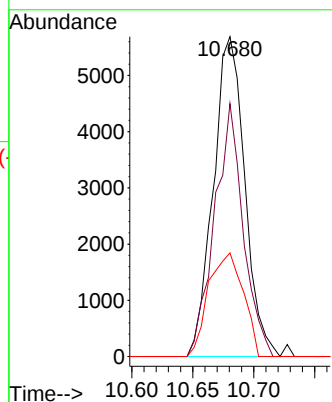
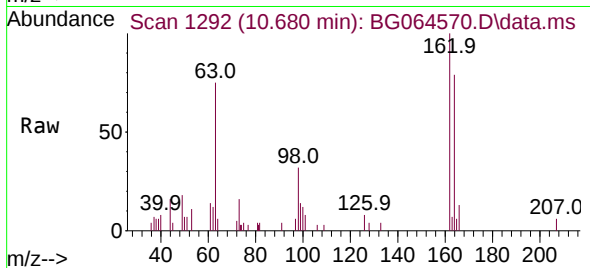
SSTDICC005

Tgt Ion:162 Resp: 10223  
Ion Ratio Lower Upper  
162 100  
164 79.1 48.7 88.7  
98 32.4 16.9 56.9

Manual Integrations

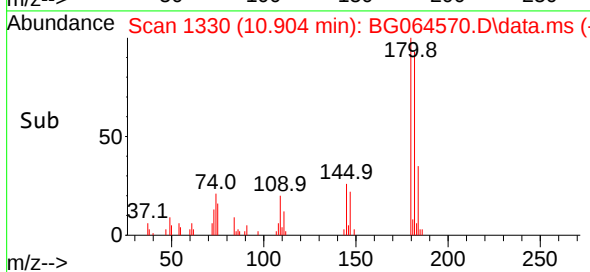
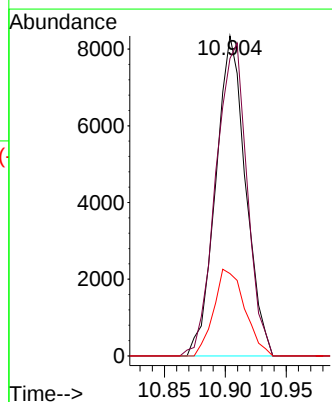
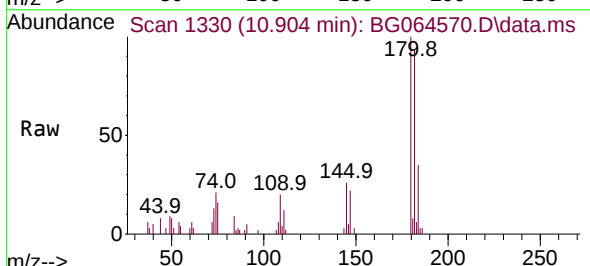
APPROVED

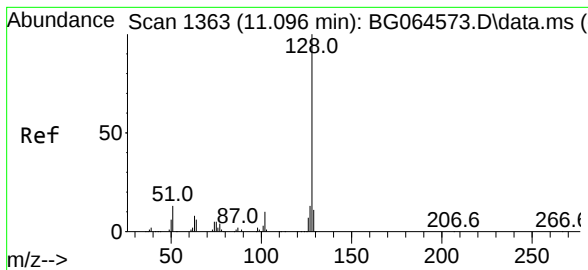
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 4.656 ng  
RT: 10.904 min Scan# 1330  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:180 Resp: 14238  
Ion Ratio Lower Upper  
180 100  
182 92.9 76.9 115.3  
145 25.7 22.1 33.1





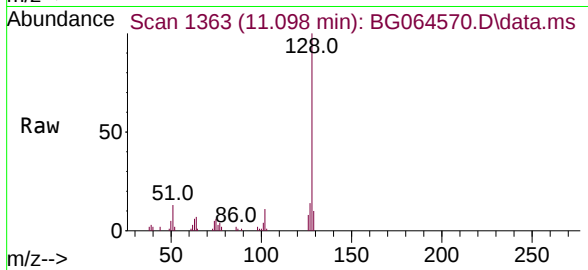
#31  
Naphthalene  
Concen: 4.883 ng  
RT: 11.098 min Scan# 1363  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005



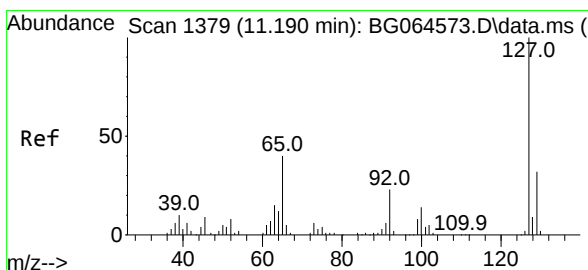
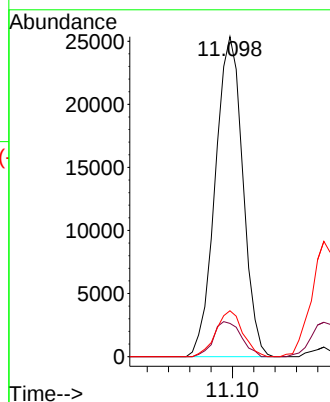
Tgt Ion:128 Resp: 45559  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.8 13.2  
127 14.3 10.6 15.8

Manual Integrations

APPROVED

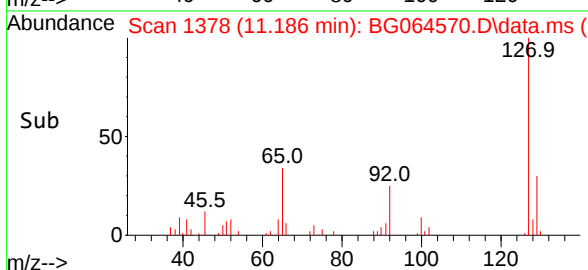
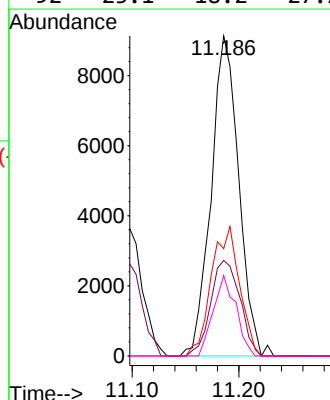
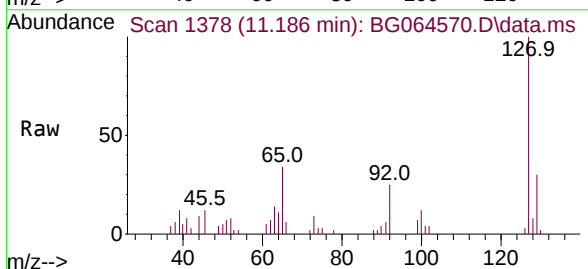
Reviewed By :Rahul Chavli 10/27/2025

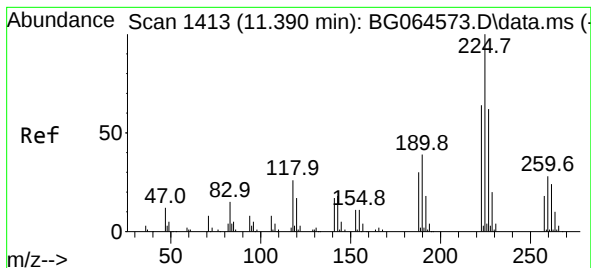
Supervised By :mohammad ahmed 11/05/2025



#33  
4-Chloroaniline  
Concen: 4.530 ng  
RT: 11.186 min Scan# 1378  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:127 Resp: 16429  
Ion Ratio Lower Upper  
127 100  
129 29.8 25.5 38.3  
65 33.5 32.2 48.4  
92 25.1 18.2 27.2





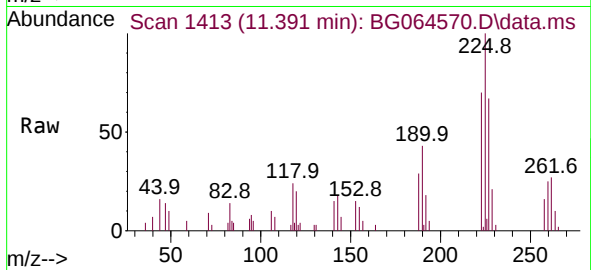
#34  
Hexachlorobutadiene  
Concen: 4.688 ng  
RT: 11.391 min Scan# 1413  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

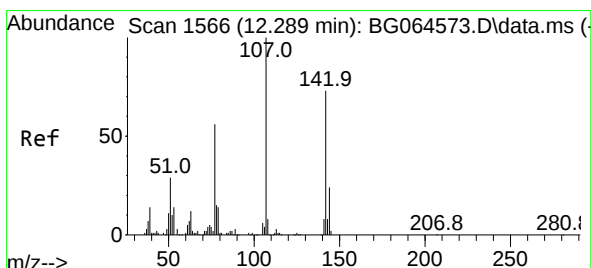
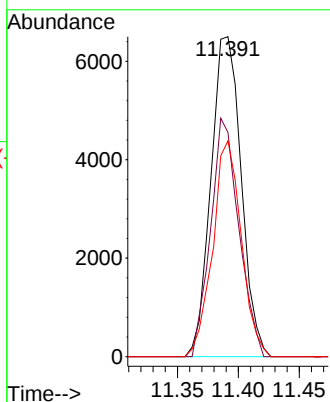
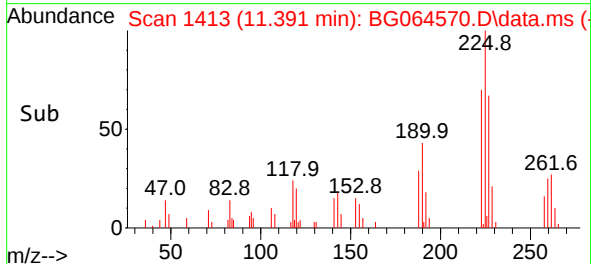


Tgt Ion:225 Resp: 11212  
Ion Ratio Lower Upper  
225 100  
223 66.4 48.8 73.2  
227 63.9 49.5 74.3

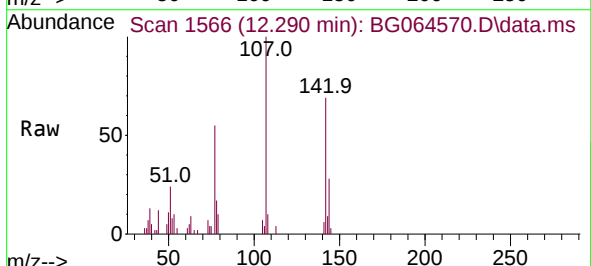
Manual Integrations

APPROVED

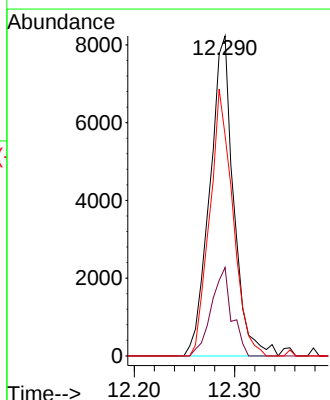
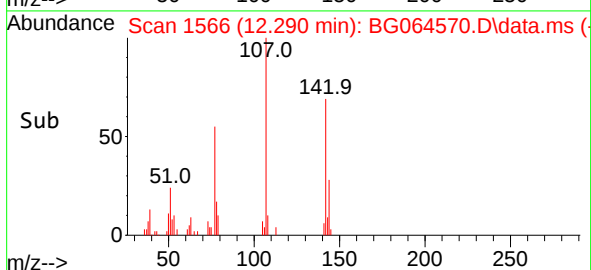
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

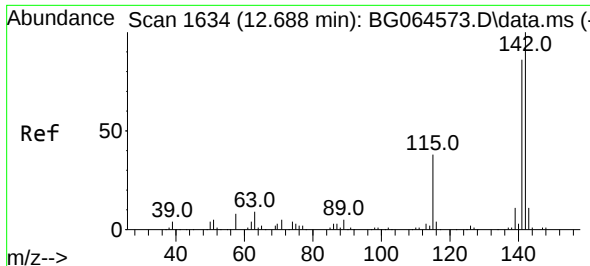


#36  
4-Chloro-3-methylphenol  
Concen: 4.205 ng  
RT: 12.290 min Scan# 1566  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:107 Resp: 13604  
Ion Ratio Lower Upper  
107 100  
144 27.6 19.1 28.7  
142 68.9 58.6 87.8





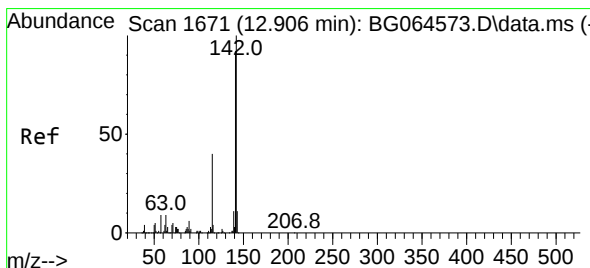
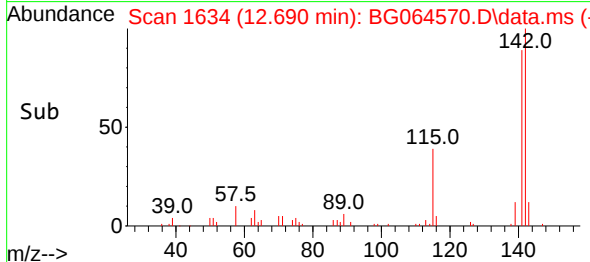
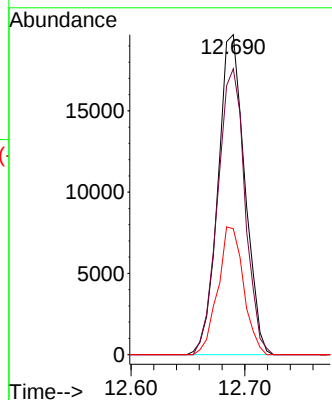
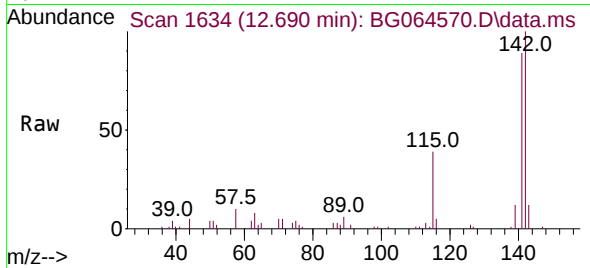
#37  
2-Methylnaphthalene  
Concen: 4.690 ng  
RT: 12.690 min Scan# 1634  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:142 Resp: 32129  
Ion Ratio Lower Upper  
142 100  
141 89.3 68.9 103.3  
115 39.3 30.6 46.0

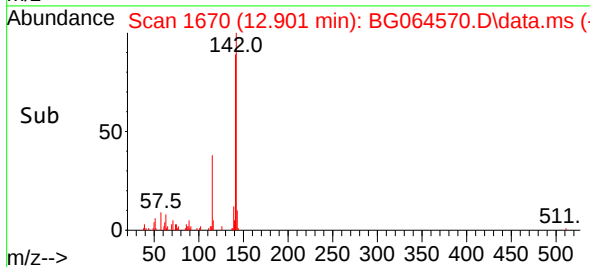
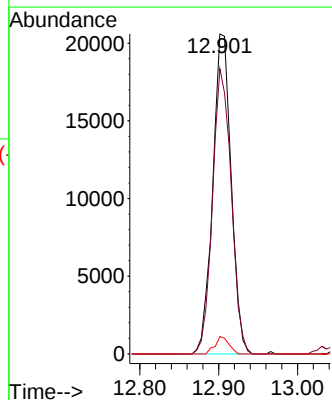
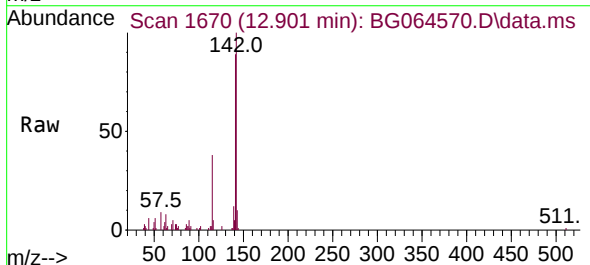
Manual Integrations  
APPROVED

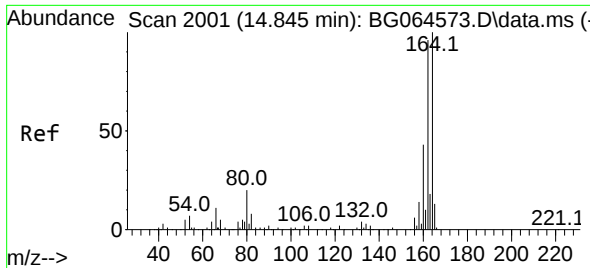
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#38  
1-Methylnaphthalene  
Concen: 4.951 ng m  
RT: 12.901 min Scan# 1670  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:142 Resp: 33565  
Ion Ratio Lower Upper  
142 100  
141 89.1 73.3 109.9  
116 5.4 3.1 4.7#





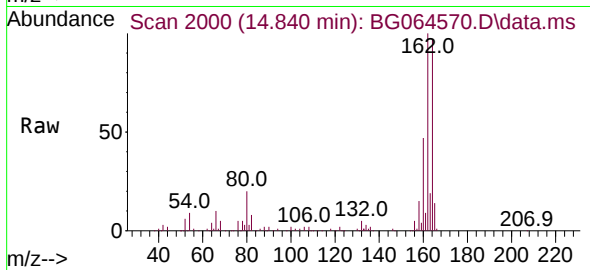
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.840 min Scan# 2001  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

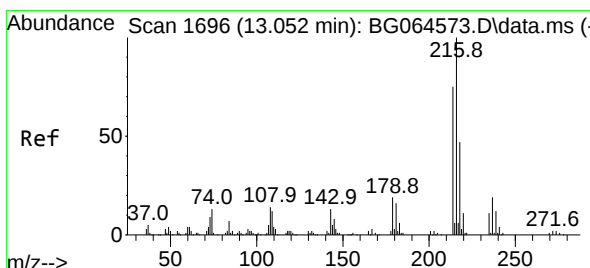
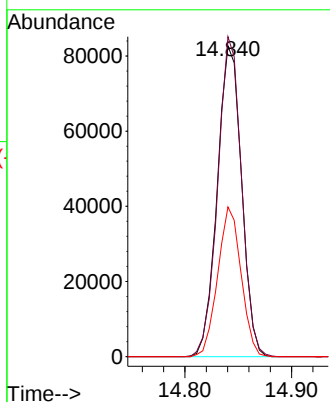
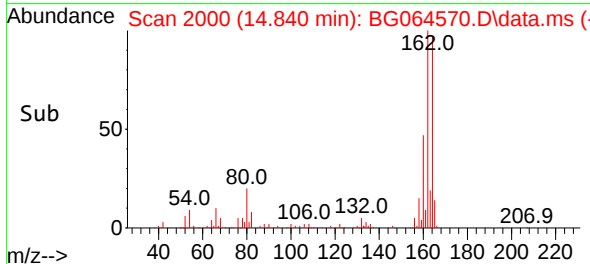


Tgt Ion:164 Resp: 13138  
Ion Ratio Lower Upper  
164 100  
162 103.0 77.0 115.6  
160 48.2 34.4 51.6

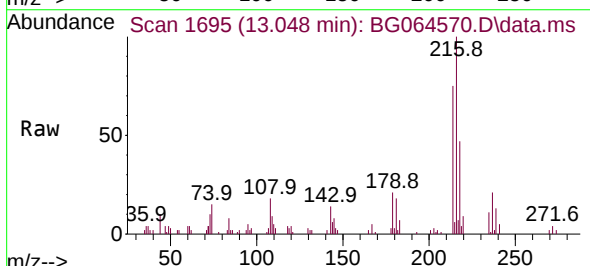
Manual Integrations

APPROVED

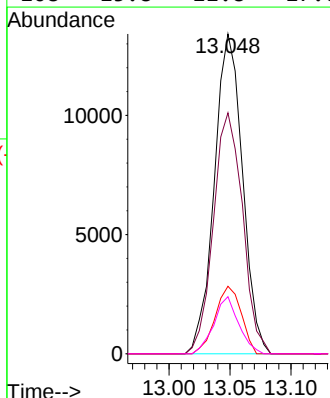
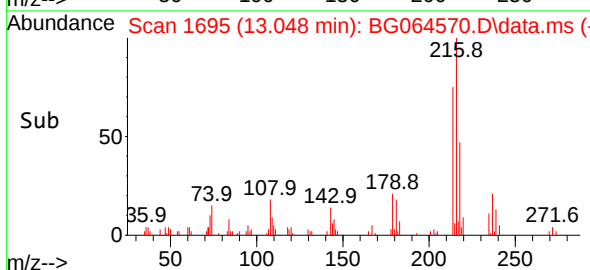
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

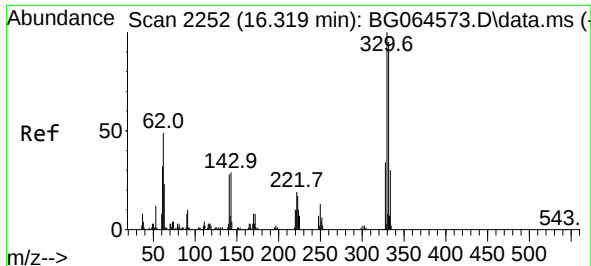


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.893 ng  
RT: 13.048 min Scan# 1695  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:216 Resp: 21576  
Ion Ratio Lower Upper  
216 100  
214 78.0 61.4 92.2  
179 19.5 15.4 23.0  
108 15.8 11.8 17.6





#42

2,4,6-Tribromophenol

Concen: 7.654 ng

RT: 16.315 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

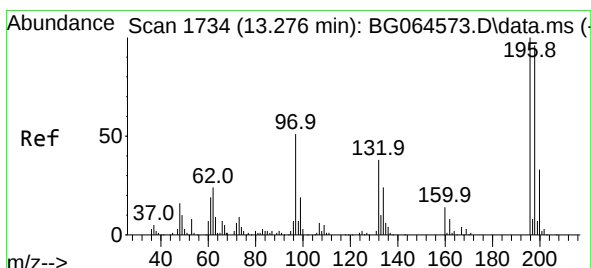
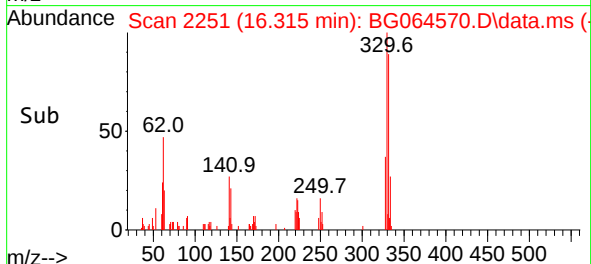
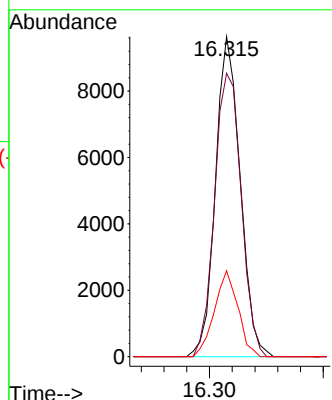
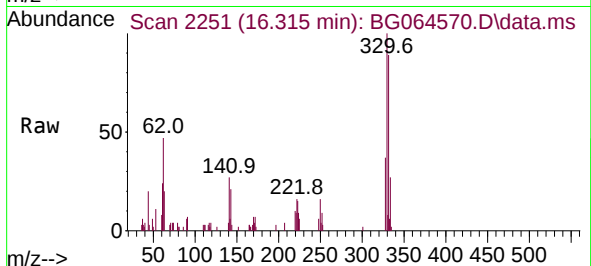
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 14514 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 95.3  | 78.0  | 117.0 |
| 141       | 25.5  | 21.8  | 32.6  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :mohammad ahmed 11/05/2025



#43

2,4,6-Trichlorophenol

Concen: 3.826 ng

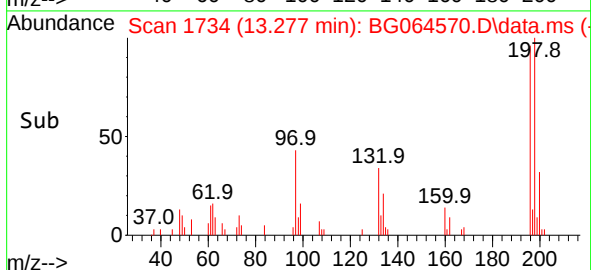
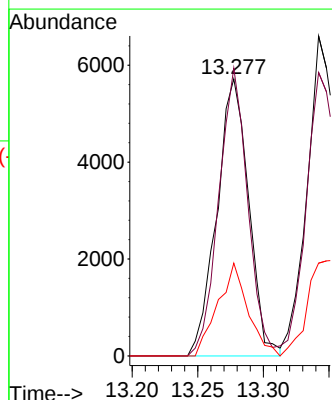
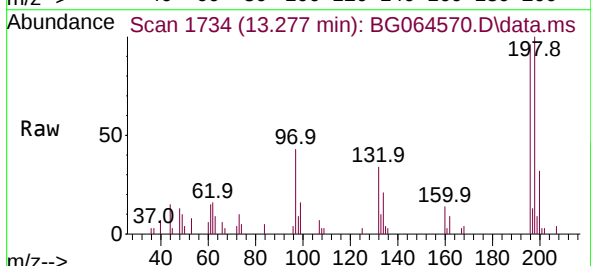
RT: 13.277 min Scan# 1734

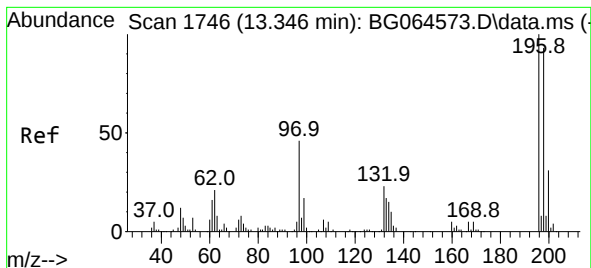
Delta R.T. 0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 9650  |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 103.9 | 76.6  | 115.0 |
| 200       | 33.5  | 26.0  | 39.0  |





#44  
2,4,5-Trichlorophenol  
Concen: 3.831 ng  
RT: 13.342 min Scan# 1745  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

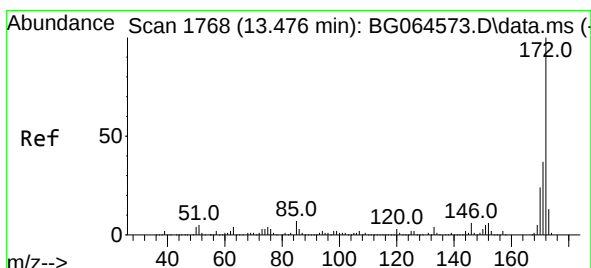
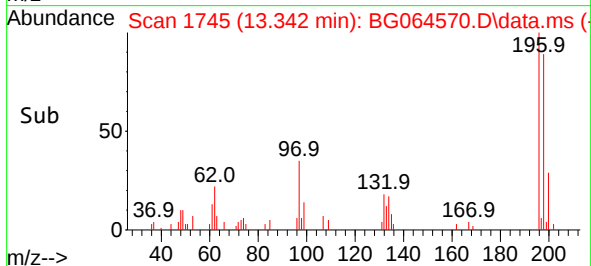
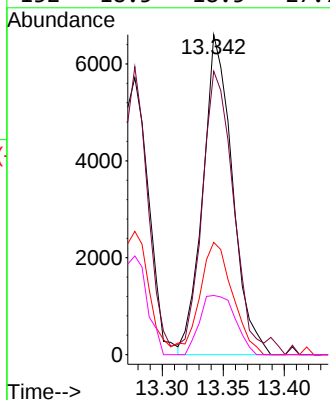
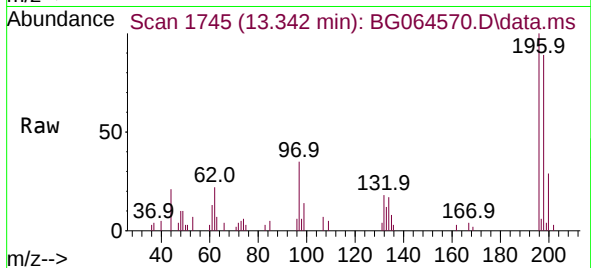
SSTDICC005

Tgt Ion:196 Resp: 1115  
Ion Ratio Lower Upper  
196 100  
198 88.6 74.2 111.4  
97 35.1 37.0 55.6  
132 18.5 18.5 27.7

Manual Integrations

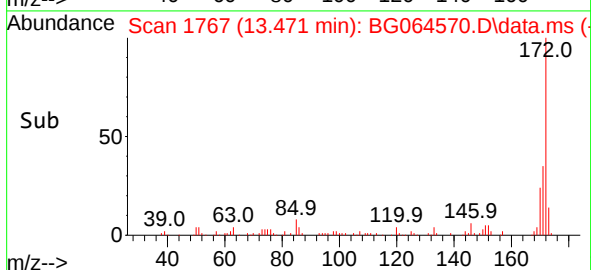
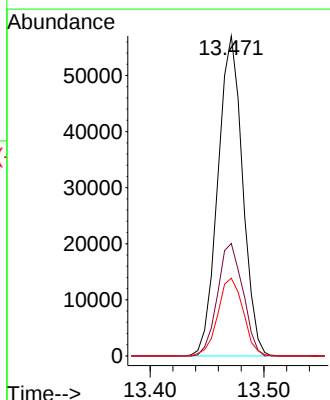
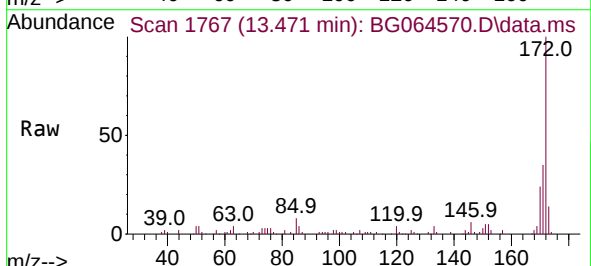
APPROVED

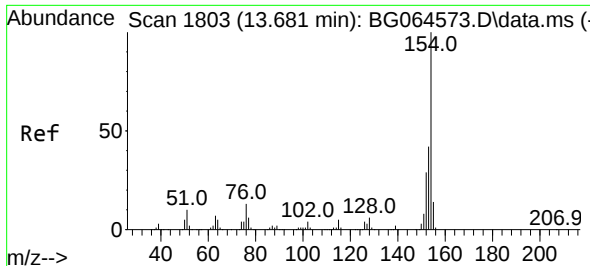
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#45  
2-Fluorobiphenyl  
Concen: 9.932 ng  
RT: 13.471 min Scan# 1767  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:172 Resp: 86089  
Ion Ratio Lower Upper  
172 100  
171 35.1 29.4 44.0  
170 24.3 19.1 28.7





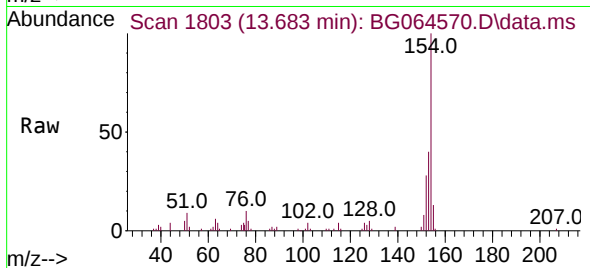
#46  
1,1'-Biphenyl  
Concen: 5.122 ng  
RT: 13.683 min Scan# 1803  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

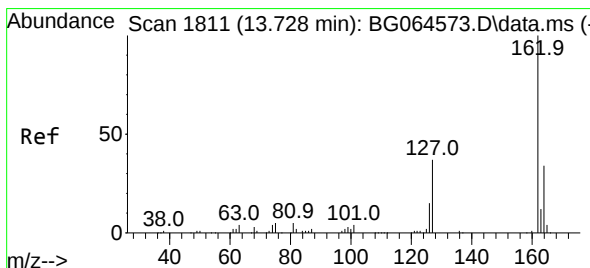
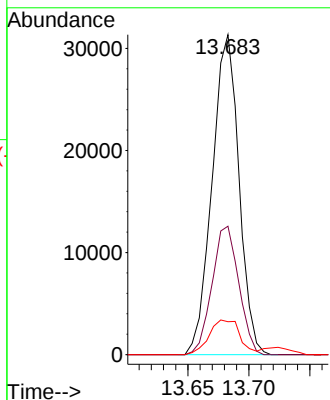
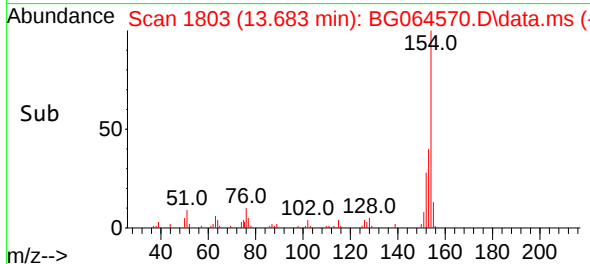


Tgt Ion:154 Resp: 47840  
Ion Ratio Lower Upper  
154 100  
153 40.1 22.4 62.4  
76 10.3 0.0 33.5

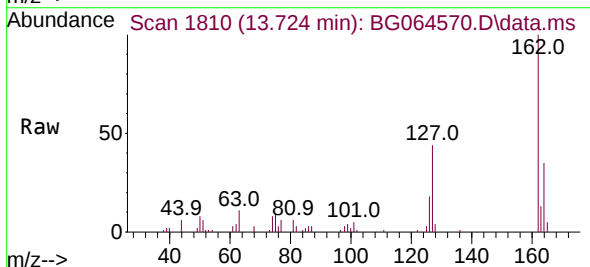
Manual Integrations

APPROVED

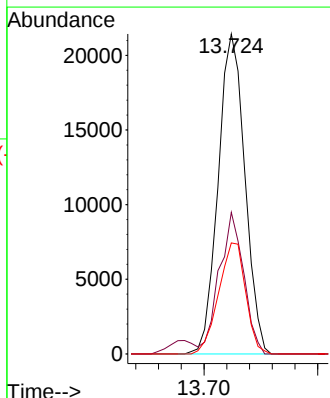
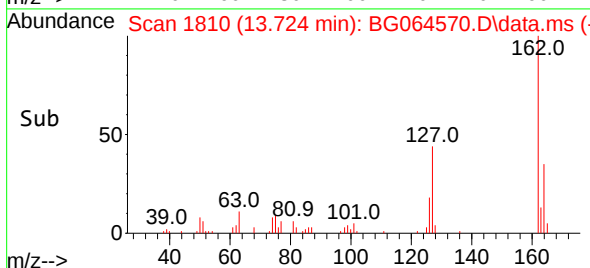
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

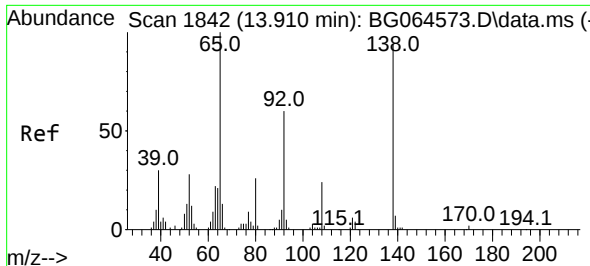


#47  
2-Chloronaphthalene  
Concen: 4.961 ng  
RT: 13.724 min Scan# 1810  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:162 Resp: 34977  
Ion Ratio Lower Upper  
162 100  
127 44.2 32.2 48.2  
164 34.7 27.5 41.3





#48  
2-Nitroaniline  
Concen: 5.826 ng  
RT: 13.906 min Scan# 1842  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

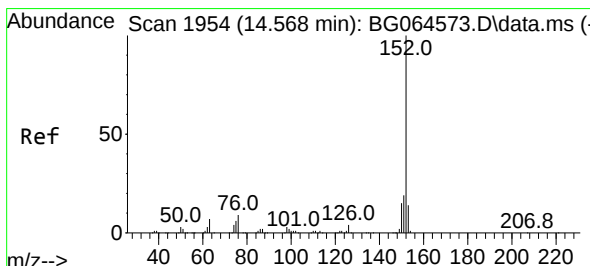
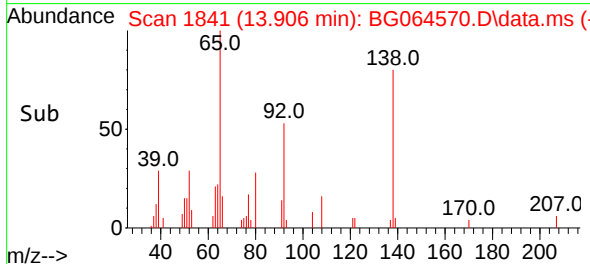
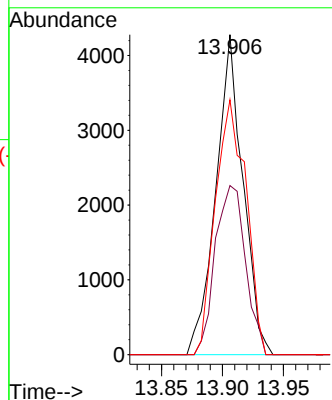
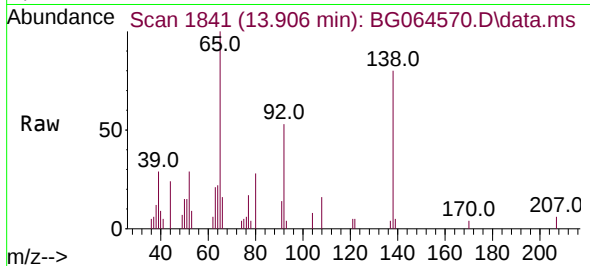
SSTDICC005

Tgt Ion: 65 Resp: 660  
Ion Ratio Lower Upper  
65 100  
92 52.8 48.3 72.5  
138 79.6 74.9 112.3

Manual Integrations

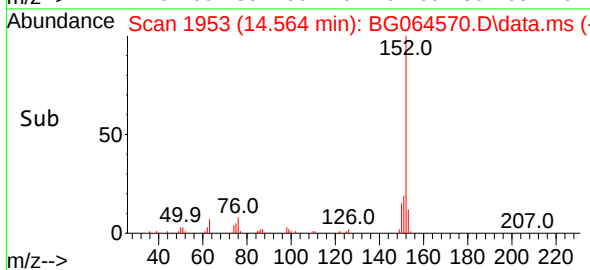
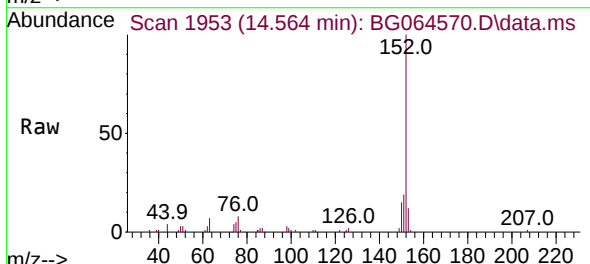
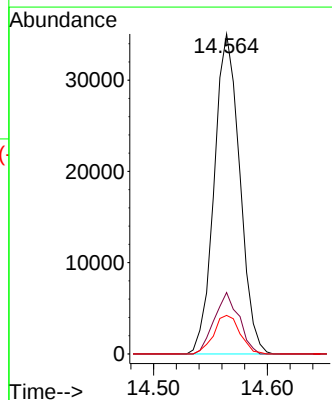
APPROVED

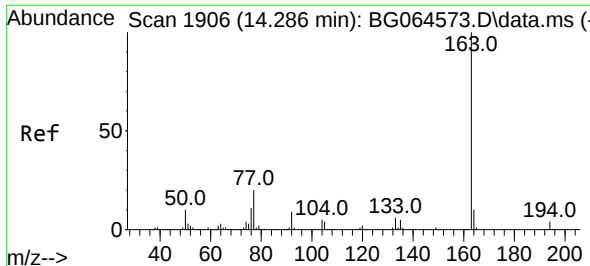
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#49  
Acenaphthylene  
Concen: 4.923 ng  
RT: 14.564 min Scan# 1953  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:152 Resp: 54748  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.4 23.2  
153 12.0 11.0 16.4





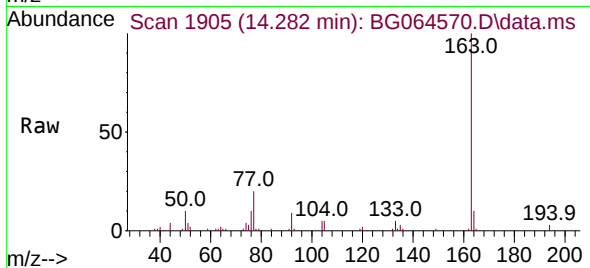
#50  
Dimethylphthalate  
Concen: 4.540 ng  
RT: 14.282 min Scan# 1906  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

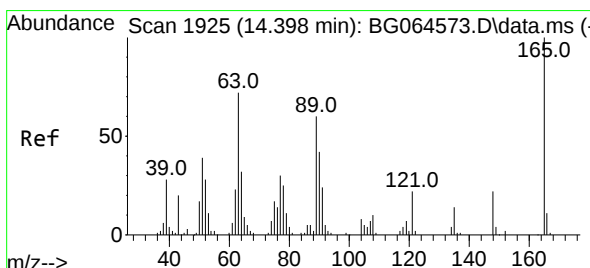
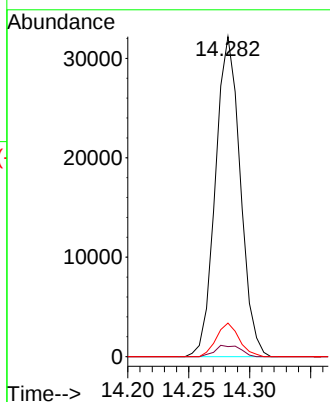
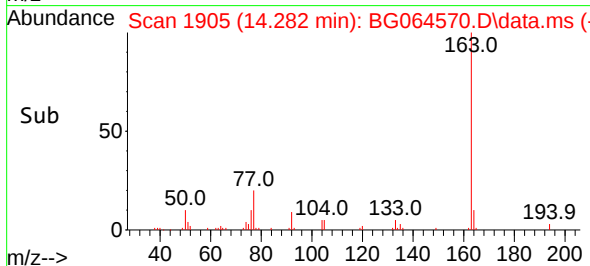


Tgt Ion:163 Resp: 45639  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.8 4.2  
164 10.5 7.7 11.5

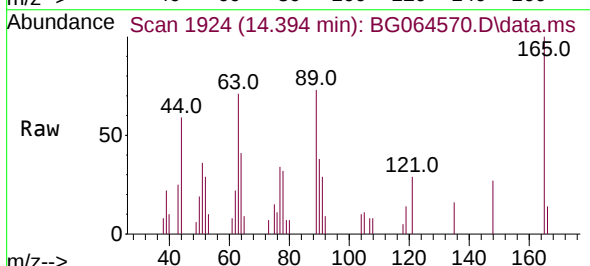
Manual Integrations

APPROVED

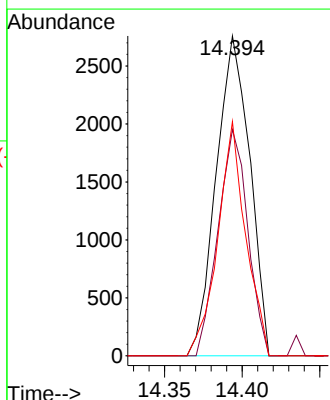
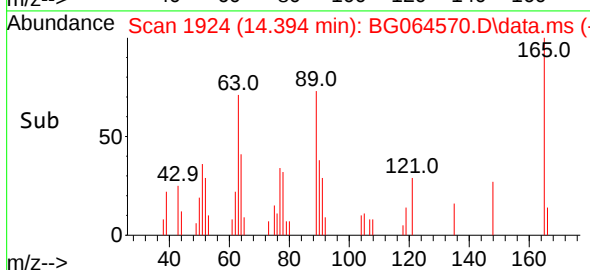
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

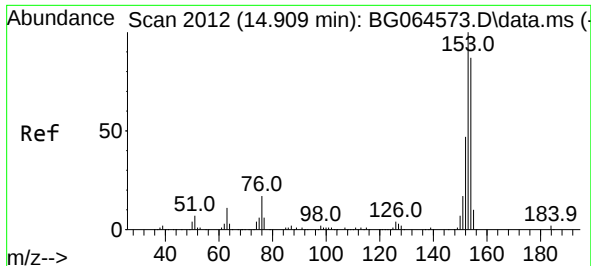


#51  
2,6-Dinitrotoluene  
Concen: 5.535 ng  
RT: 14.394 min Scan# 1924  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:165 Resp: 4161  
Ion Ratio Lower Upper  
165 100  
63 70.7 57.4 86.0  
89 73.2 47.8 71.8#





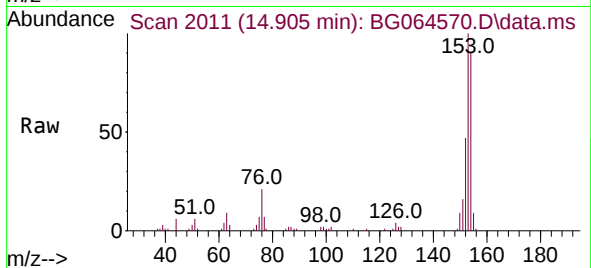
#52  
Acenaphthene  
Concen: 4.867 ng  
RT: 14.905 min Scan# 2012  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

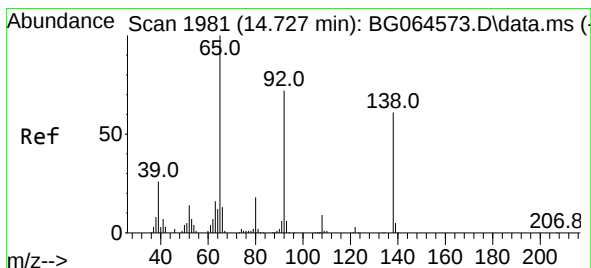
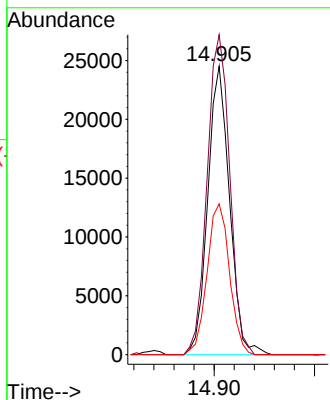
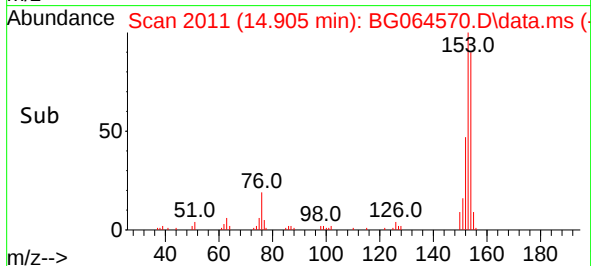


Tgt Ion:154 Resp: 36982  
Ion Ratio Lower Upper  
154 100  
153 111.0 92.2 138.4  
152 52.2 43.2 64.8

Manual Integrations

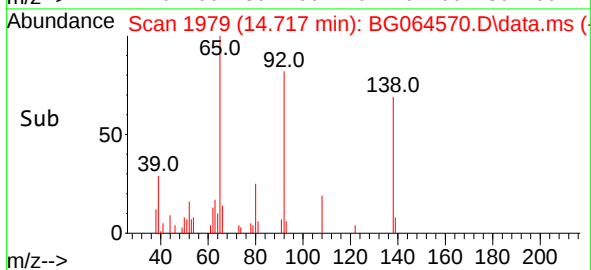
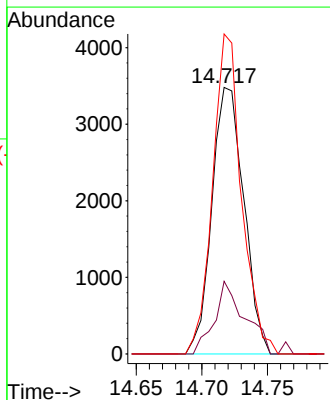
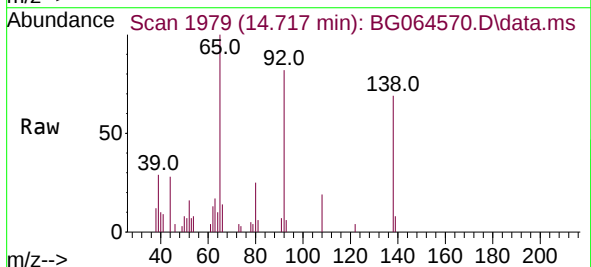
APPROVED

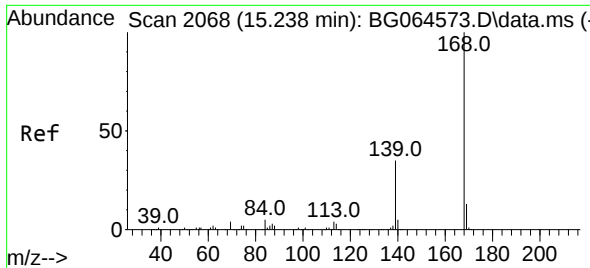
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#53  
3-Nitroaniline  
Concen: 3.417 ng  
RT: 14.717 min Scan# 1979  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:138 Resp: 5903  
Ion Ratio Lower Upper  
138 100  
108 27.2 11.4 17.0#  
92 120.0 95.3 142.9





#55  
Dibenzofuran  
Concen: 5.029 ng  
RT: 15.234 min Scan# 2068  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

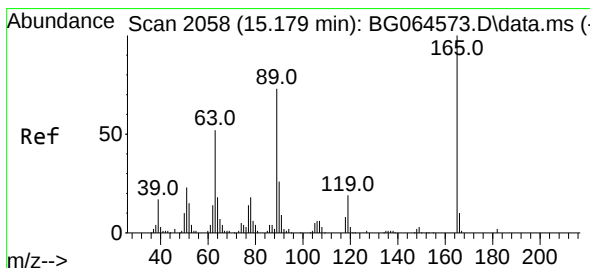
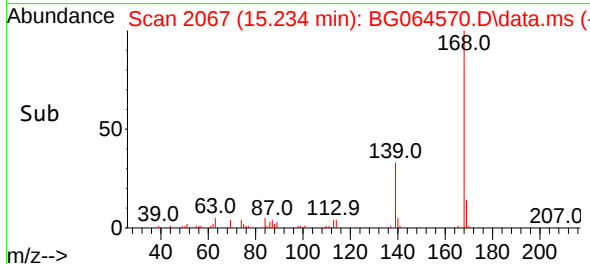
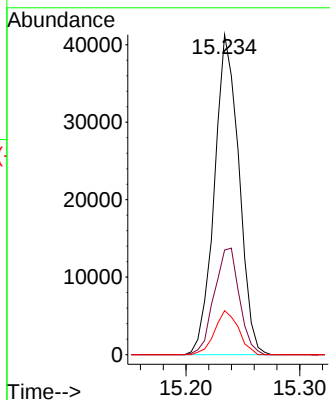
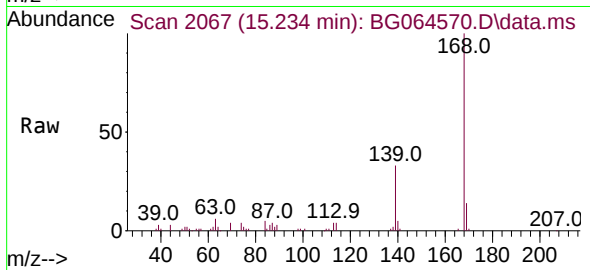
ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 61779  
Ion Ratio Lower Upper  
168 100  
139 32.7 27.8 41.8  
169 13.7 10.3 15.5

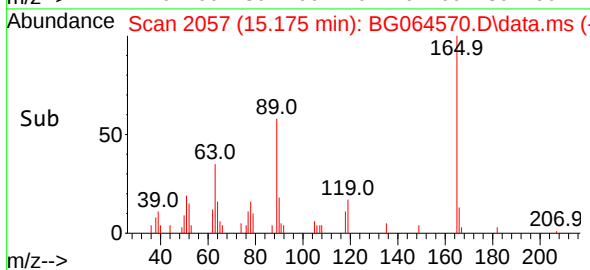
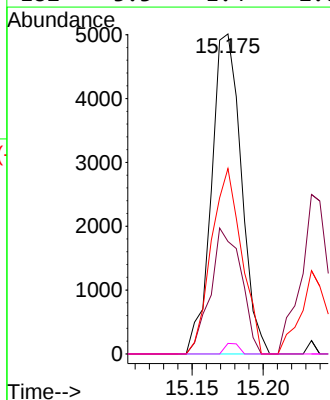
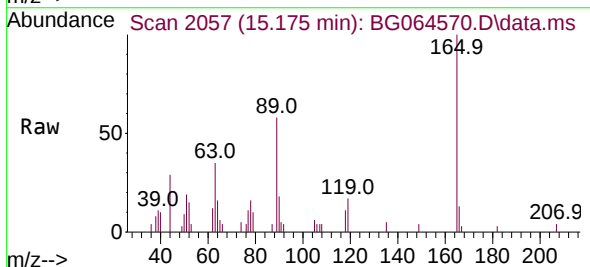
Manual Integrations  
APPROVED

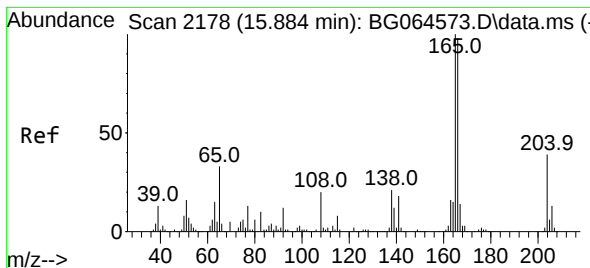
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#57  
2,4-Dinitrotoluene  
Concen: 5.721 ng  
RT: 15.175 min Scan# 2057  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:165 Resp: 7312  
Ion Ratio Lower Upper  
165 100  
63 35.1 41.8 62.8#  
89 57.9 58.1 87.1#  
182 3.3 1.4 2.0#





#58

Fluorene

Concen: 5.035 ng

RT: 15.880 min Scan# 2178

Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

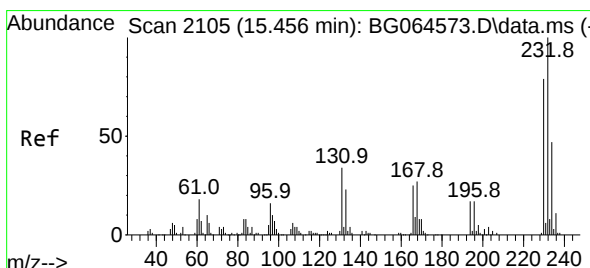
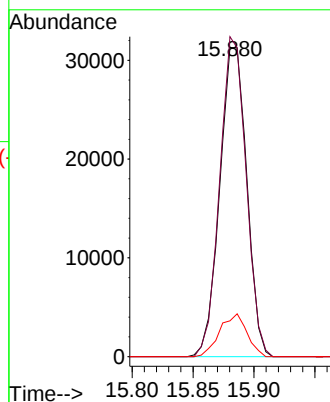
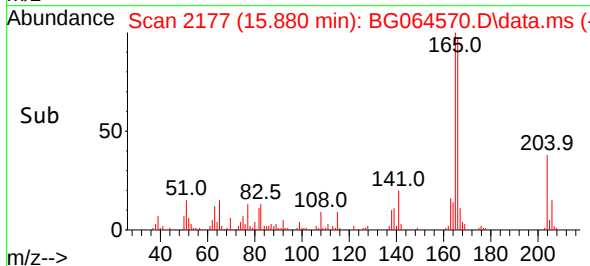
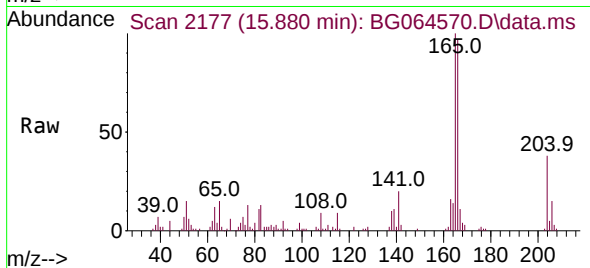
SSTDICC005

Tgt Ion:166 Resp: 48305  
 Ion Ratio Lower Upper  
 166 100  
 165 103.5 81.5 122.3  
 167 11.6 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025  
 Supervised By :mohammad ahmed 11/05/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.679 ng

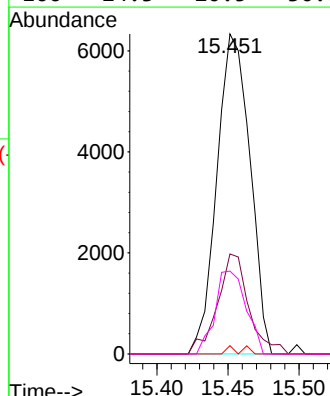
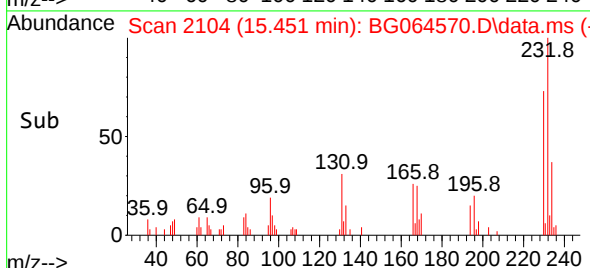
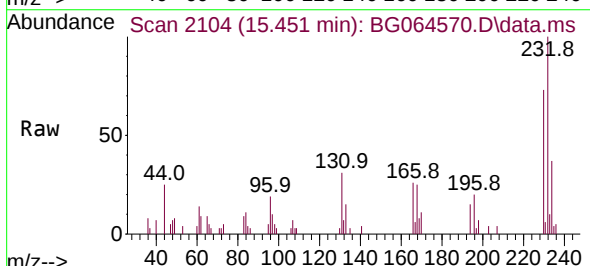
RT: 15.451 min Scan# 2104

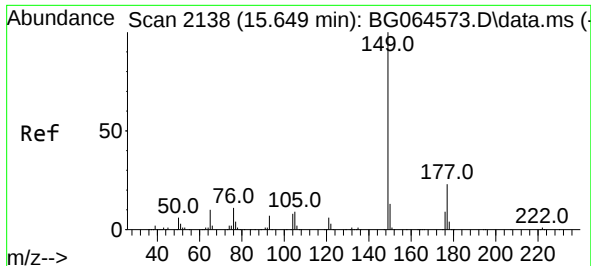
Delta R.T. -0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:232 Resp: 10241  
 Ion Ratio Lower Upper  
 232 100  
 131 29.7 26.7 40.1  
 130 1.1 1.6 2.4#  
 166 24.3 20.5 30.7





#60  
Diethylphthalate  
Concen: 4.533 ng  
RT: 15.639 min Scan# 2138  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

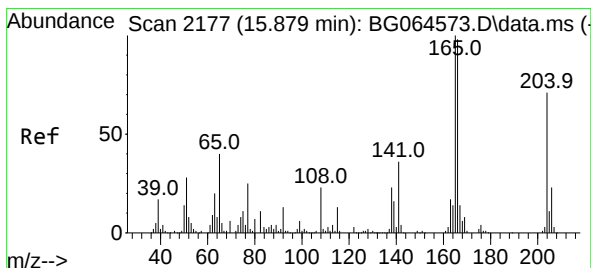
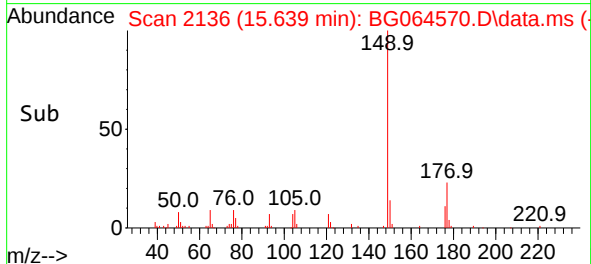
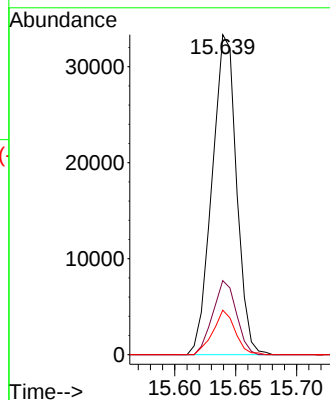
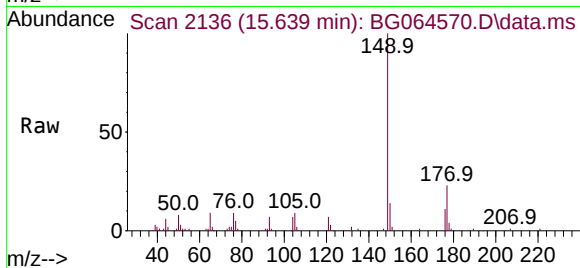
SSTDICC005

Tgt Ion:149 Resp: 46534  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.0 27.0  
150 13.9 10.2 15.4

Manual Integrations

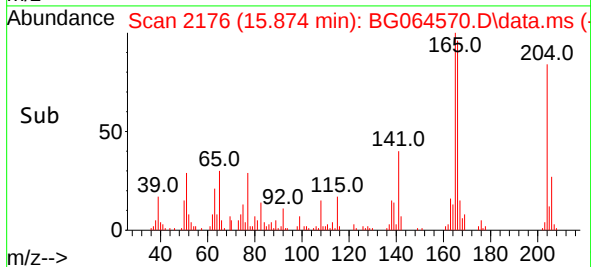
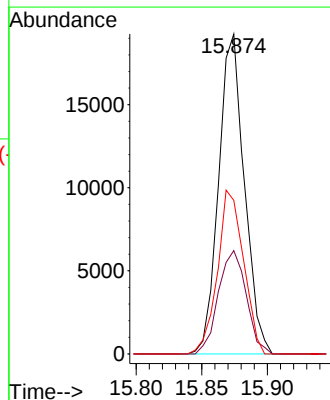
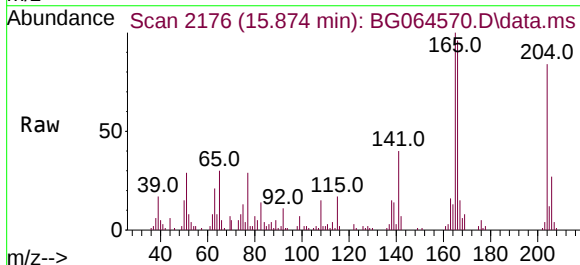
APPROVED

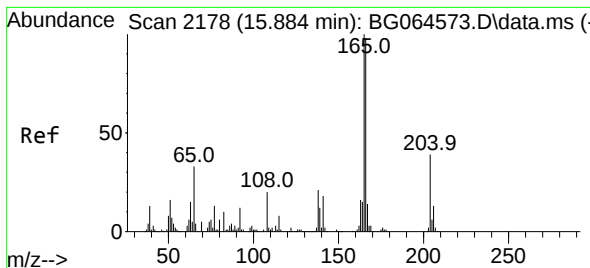
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#61  
4-Chlorophenyl-phenylether  
Concen: 4.880 ng  
RT: 15.874 min Scan# 2176  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:204 Resp: 26270  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.6 38.4  
141 48.0 40.6 60.8





#62  
4-Nitroaniline  
Concen: 3.321 ng  
RT: 15.869 min Scan# 2175  
Delta R.T. -0.016 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

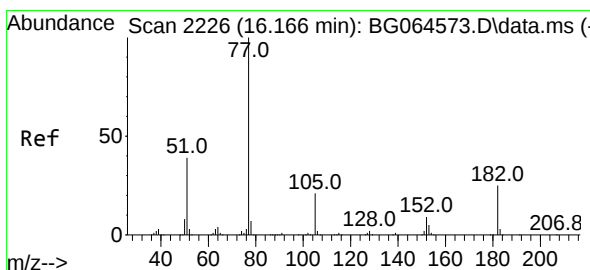
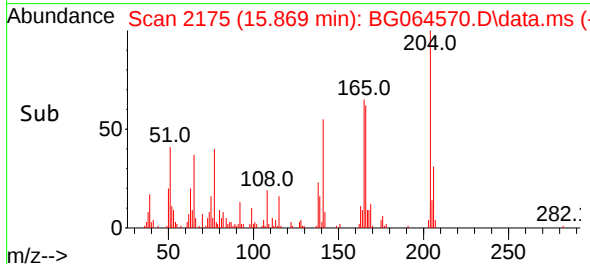
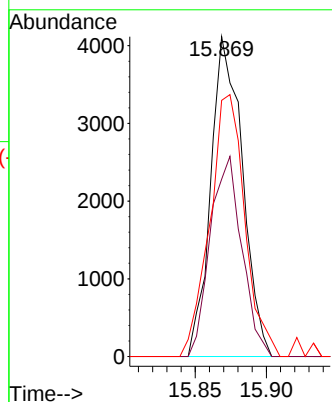
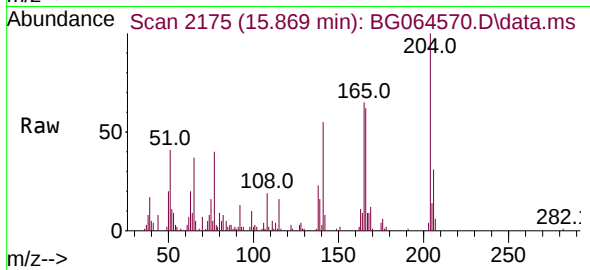
SSTDICC005

Tgt Ion:138 Resp: 638  
Ion Ratio Lower Upper  
138 100  
92 55.4 36.1 76.1  
108 80.1 75.6 115.6

Manual Integrations

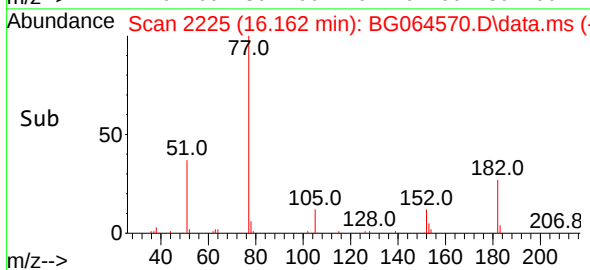
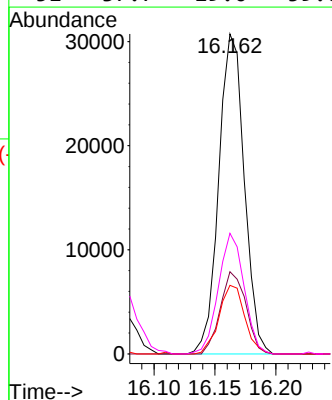
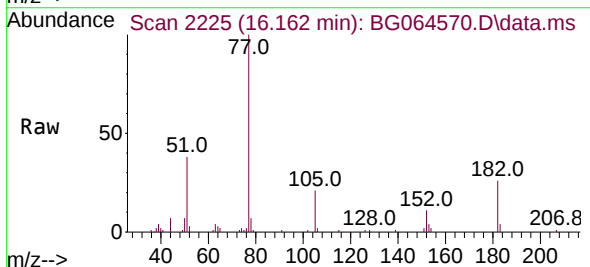
APPROVED

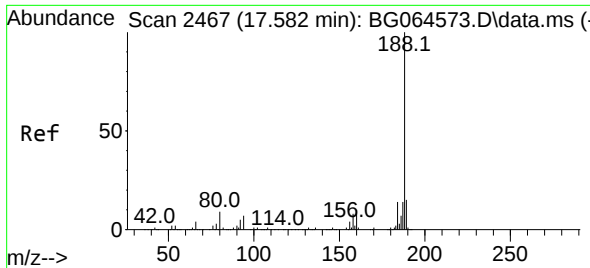
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#63  
Azobenzene  
Concen: 4.749 ng  
RT: 16.162 min Scan# 2225  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

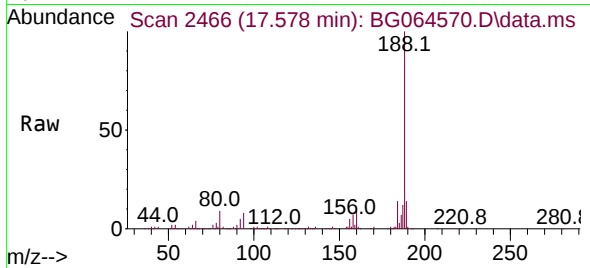
Tgt Ion: 77 Resp: 44729  
Ion Ratio Lower Upper  
77 100  
182 25.7 4.9 44.9  
105 21.4 1.3 41.3  
51 37.7 19.0 59.0





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.578 min Scan# 2467  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

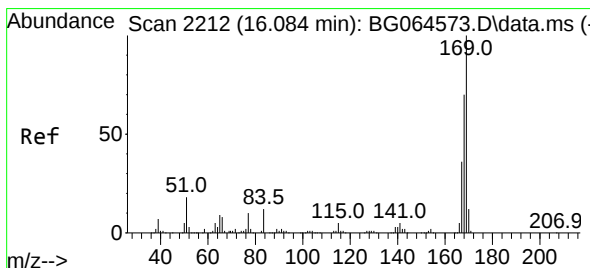
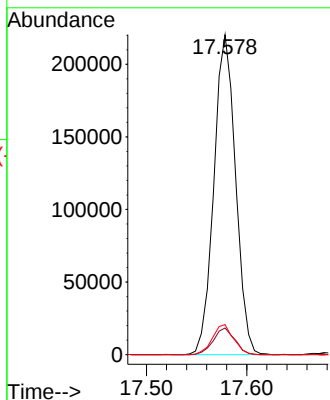
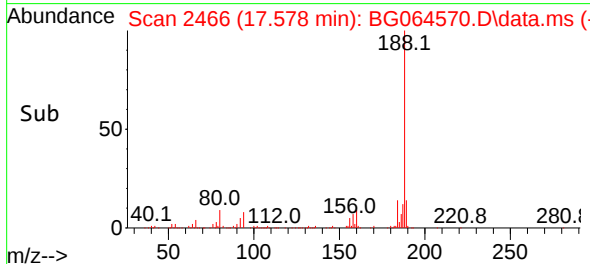
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



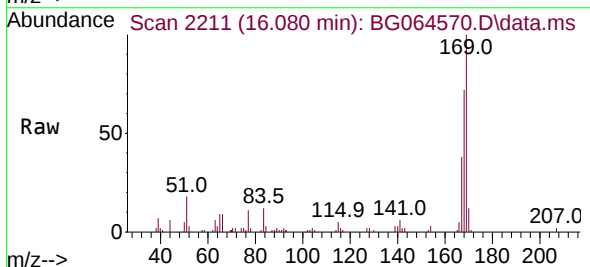
Tgt Ion:188 Resp: 331372  
Ion Ratio Lower Upper  
188 100  
94 8.3 5.7 8.5  
80 9.4 6.8 10.2

Manual Integrations  
APPROVED

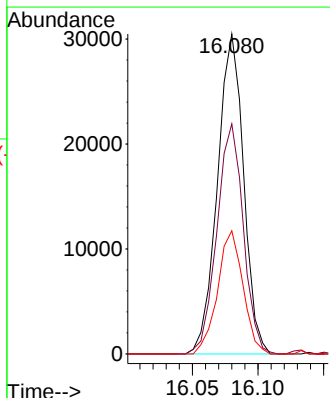
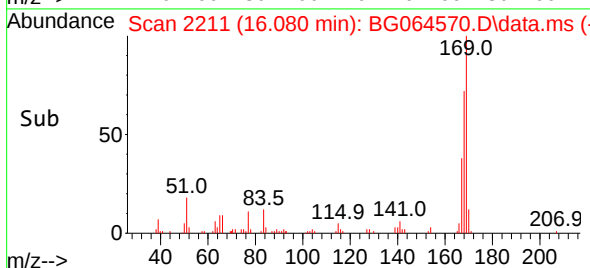
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

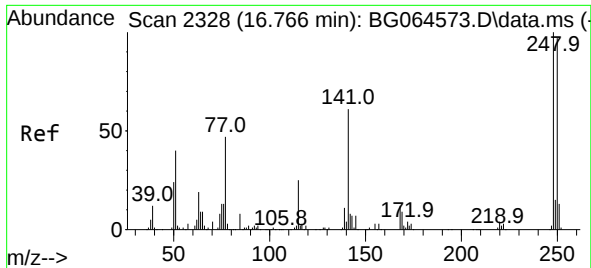


#66  
n-Nitrosodiphenylamine  
Concen: 4.725 ng  
RT: 16.080 min Scan# 2211  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:169 Resp: 42291  
Ion Ratio Lower Upper  
169 100  
168 71.9 56.3 84.5  
167 38.5 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 4.600 ng  
RT: 16.762 min Scan# 2328  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

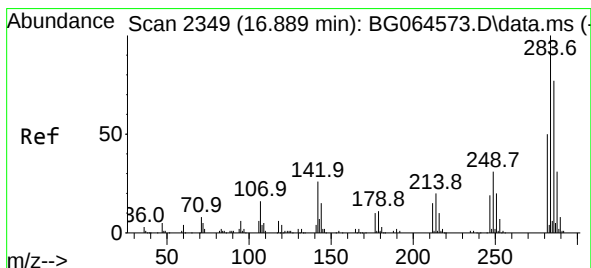
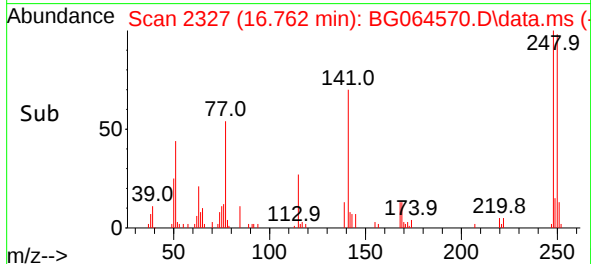
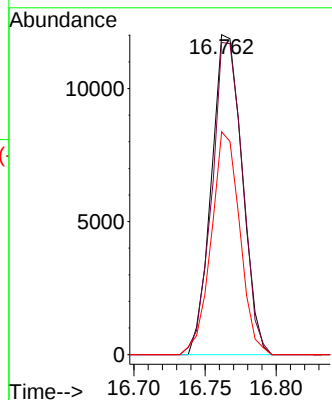
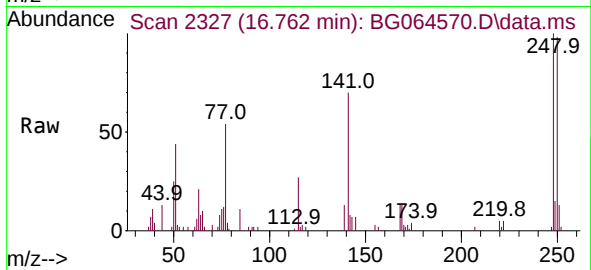
SSTDIC005

Tgt Ion:248 Resp: 18064  
Ion Ratio Lower Upper  
248 100  
250 97.5 77.7 116.5  
141 69.6 48.6 72.8

Manual Integrations

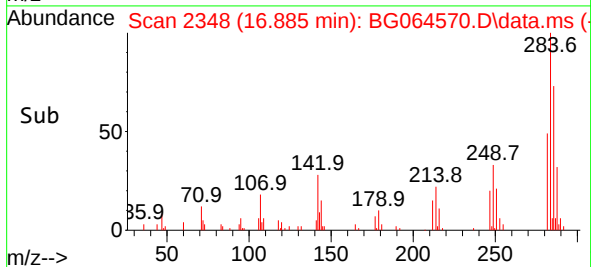
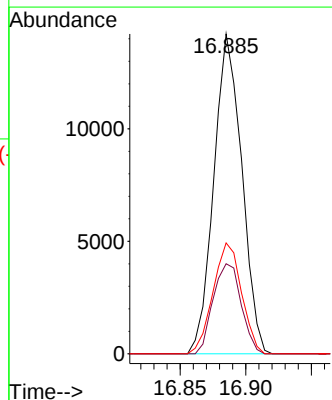
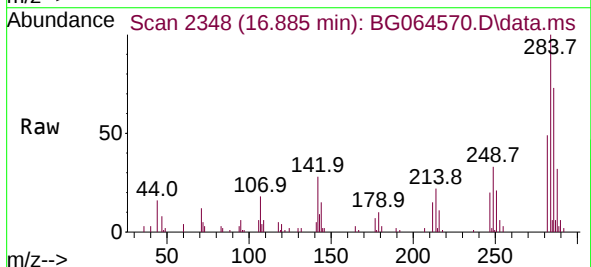
APPROVED

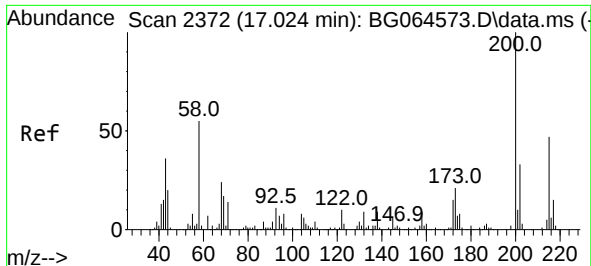
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#68  
Hexachlorobenzene  
Concen: 4.705 ng  
RT: 16.885 min Scan# 2348  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:284 Resp: 21076  
Ion Ratio Lower Upper  
284 100  
142 28.2 21.0 31.6  
249 34.7 24.9 37.3





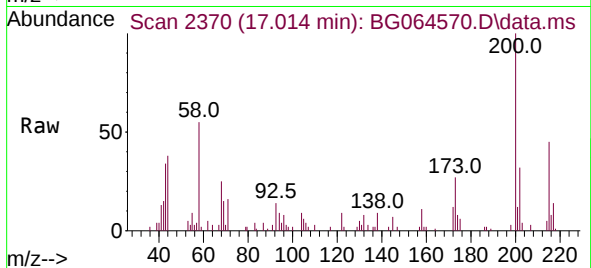
#69  
Atrazine  
Concen: 4.616 ng  
RT: 17.014 min Scan# 2372  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

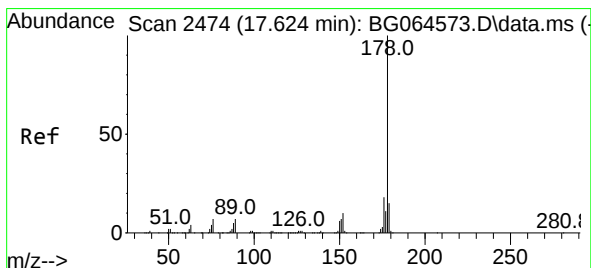
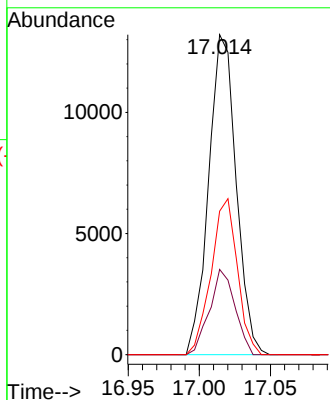
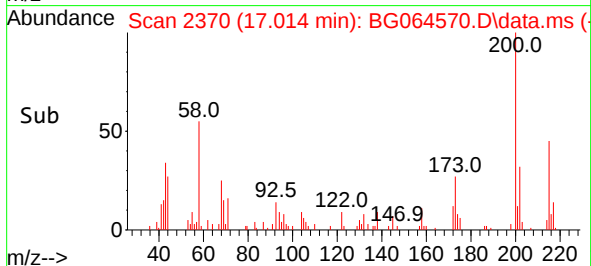


Tgt Ion:200 Resp: 17783  
Ion Ratio Lower Upper  
200 100  
173 26.6 0.9 40.9  
215 44.8 27.0 67.0

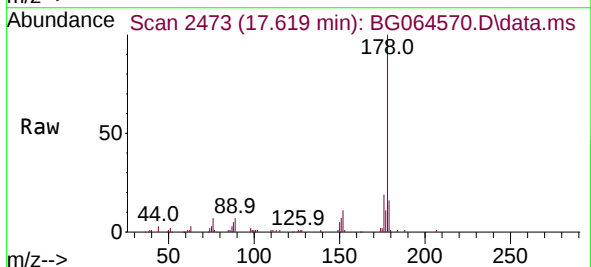
Manual Integrations

APPROVED

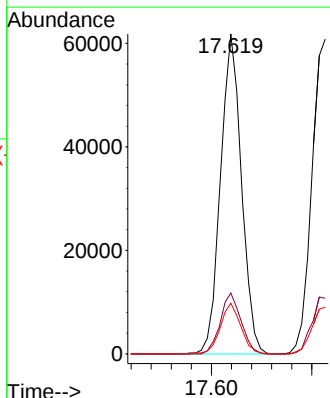
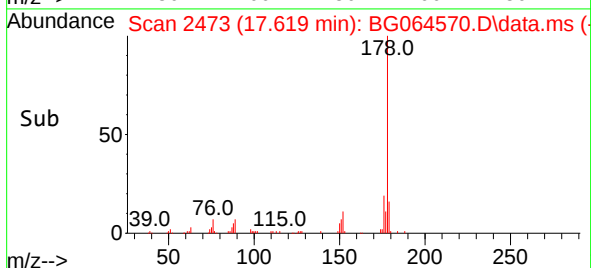
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

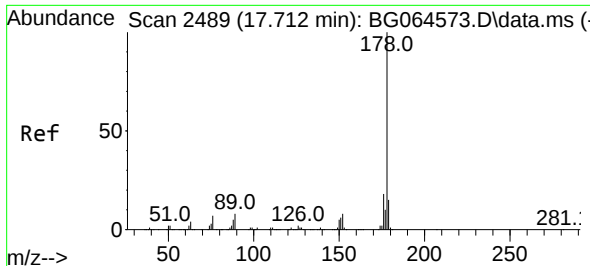


#71  
Phenanthrene  
Concen: 4.954 ng  
RT: 17.619 min Scan# 2473  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



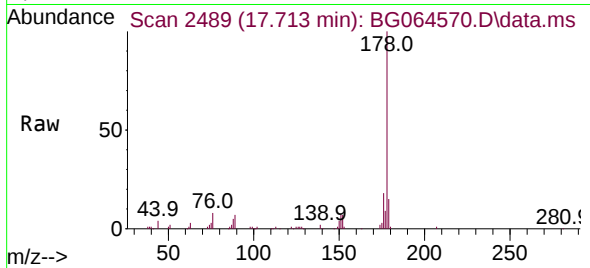
Tgt Ion:178 Resp: 89771  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.7 22.1  
179 15.8 12.2 18.4





#72  
 Anthracene  
 Concen: 4.886 ng  
 RT: 17.713 min Scan# 2489  
 Delta R.T. 0.002 min  
 Lab File: BG064570.D  
 Acq: 24 Oct 2025 9:41

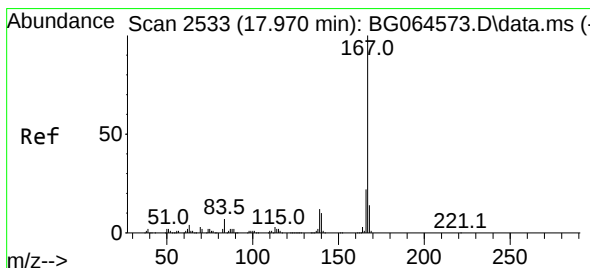
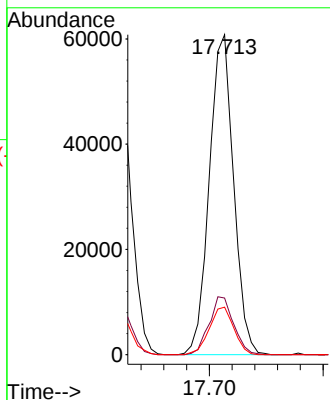
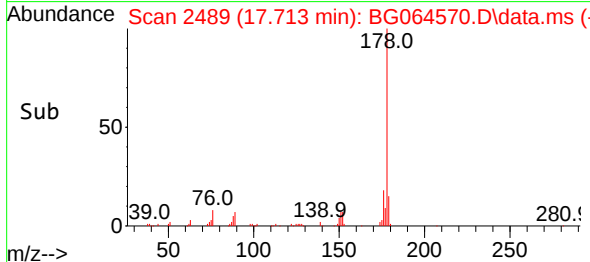
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005



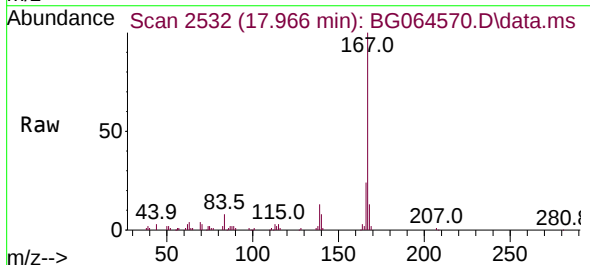
Tgt Ion:178 Resp: 90063  
 Ion Ratio Lower Upper  
 178 100  
 176 17.7 14.4 21.6  
 179 14.8 12.4 18.6

Manual Integrations  
 APPROVED

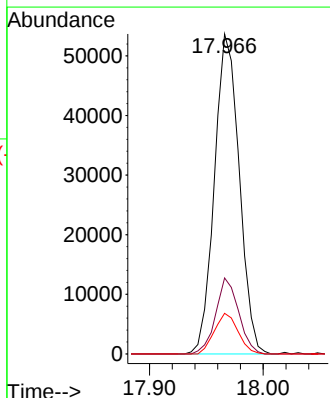
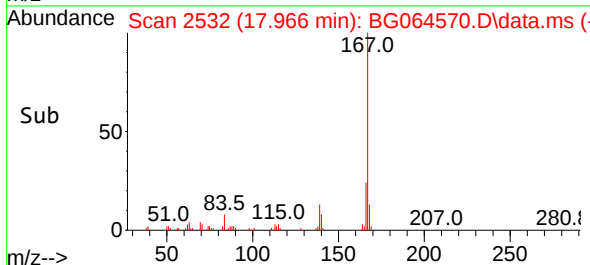
Reviewed By :Rahul Chavli 10/27/2025  
 Supervised By :mohammad ahmed 11/05/2025

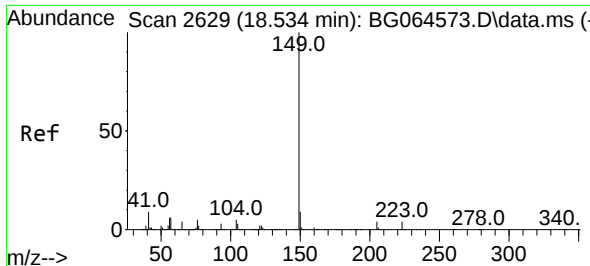


#73  
 Carbazole  
 Concen: 5.005 ng  
 RT: 17.966 min Scan# 2532  
 Delta R.T. -0.004 min  
 Lab File: BG064570.D  
 Acq: 24 Oct 2025 9:41



Tgt Ion:167 Resp: 81350  
 Ion Ratio Lower Upper  
 167 100  
 166 23.7 17.9 26.9  
 139 12.7 9.7 14.5





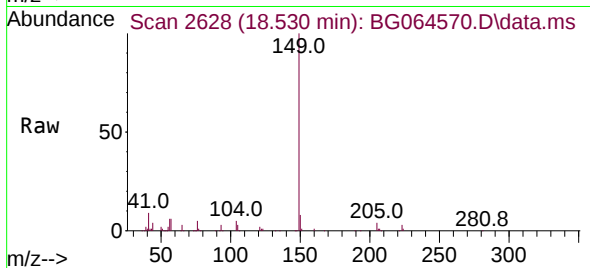
#74  
Di-n-butylphthalate  
Concen: 4.454 ng  
RT: 18.530 min Scan# 2629  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

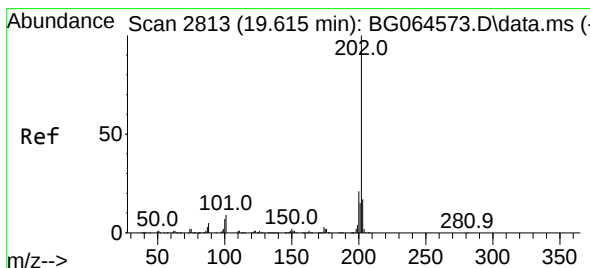
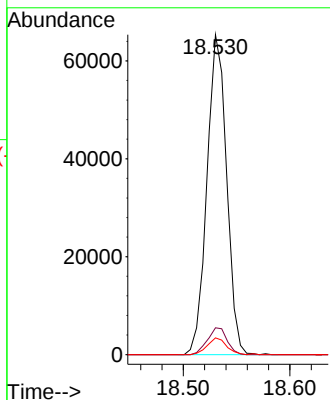
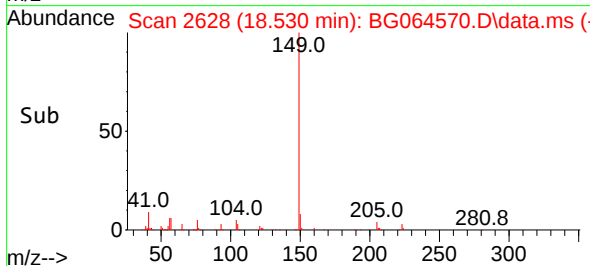


Tgt Ion:149 Resp: 83713  
Ion Ratio Lower Upper  
149 100  
150 8.4 7.0 10.6  
104 5.2 4.1 6.1

Manual Integrations

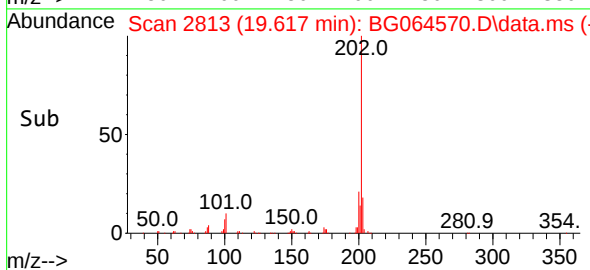
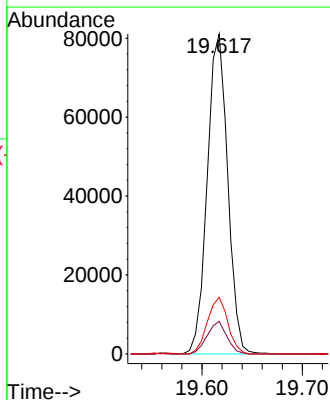
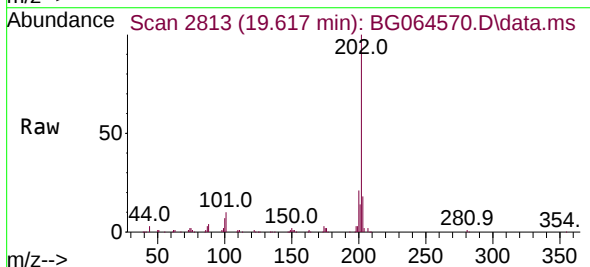
APPROVED

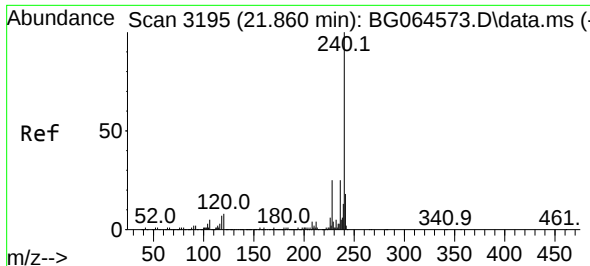
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#75  
Fluoranthene  
Concen: 5.054 ng  
RT: 19.617 min Scan# 2813  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

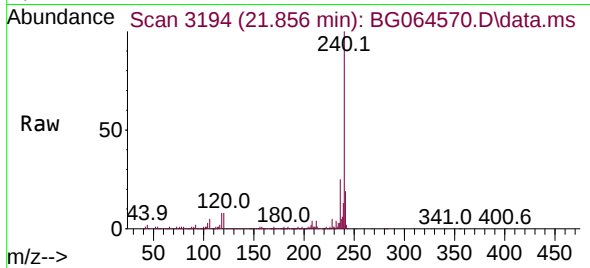
Tgt Ion:202 Resp: 114724  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 28.7  
203 17.7 0.0 37.0





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.856 min Scan# 3195  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

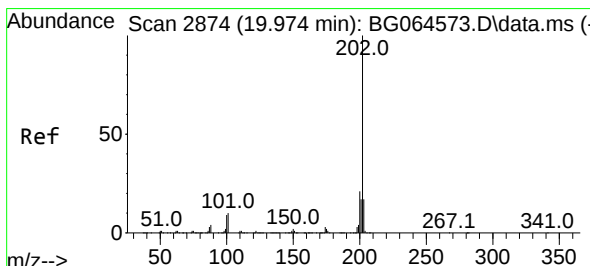
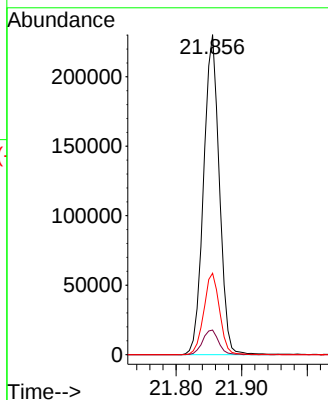
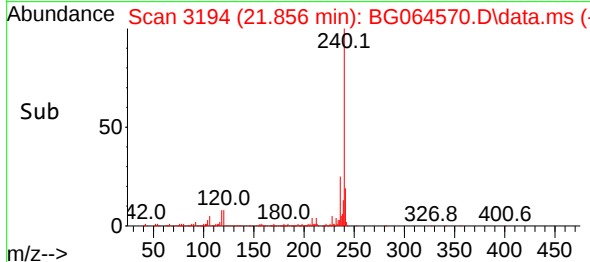
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:240 Resp: 381389  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.5 9.7  
236 25.4 20.2 30.2

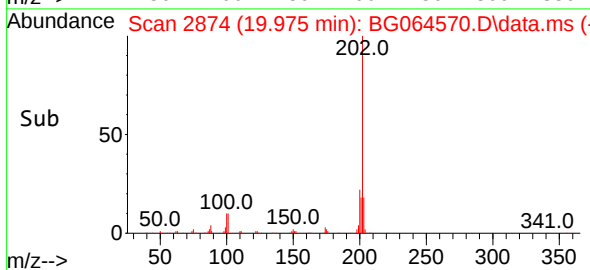
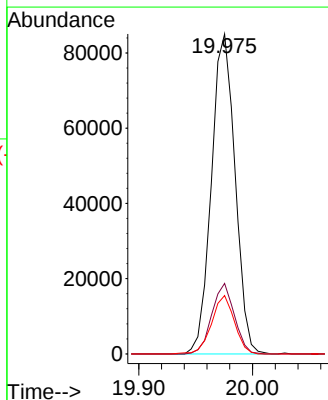
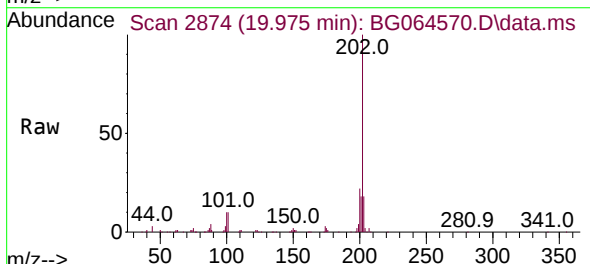
Manual Integrations  
APPROVED

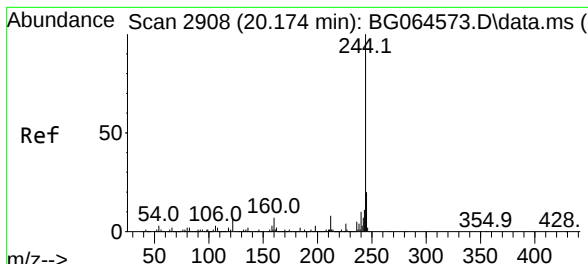
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#78  
Pyrene  
Concen: 4.923 ng  
RT: 19.975 min Scan# 2874  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:202 Resp: 122676  
Ion Ratio Lower Upper  
202 100  
200 22.0 17.0 25.4  
203 18.2 13.8 20.6





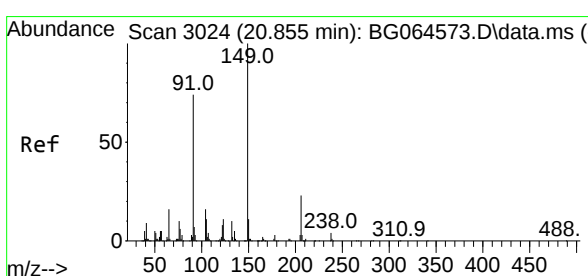
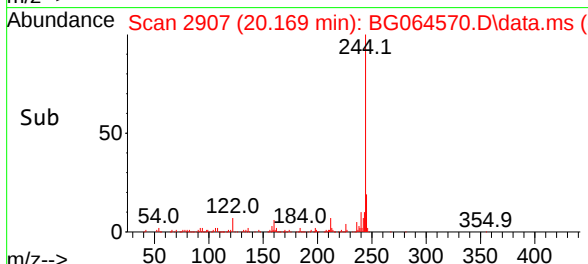
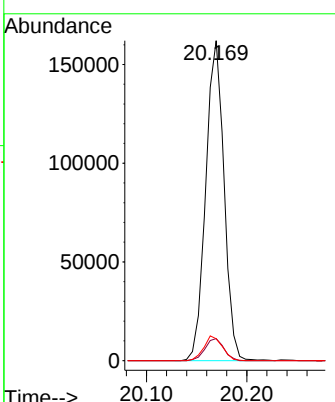
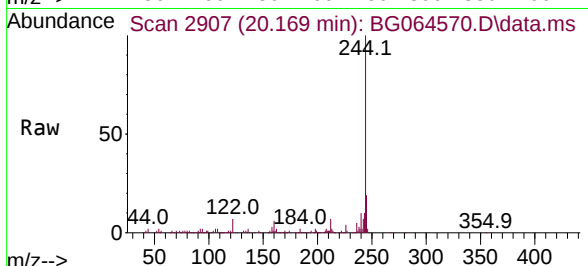
#79  
 Terphenyl-d14  
 Concen: 10.130 ng  
 RT: 20.169 min Scan# 2907  
 Delta R.T. -0.004 min  
 Lab File: BG064570.D  
 Acq: 24 Oct 2025 9:41

Instrument : BNA\_G  
 ClientSampleId : SSTDICC005

Tgt Ion: 244 Resp: 204719

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 6.1   | 9.1   |
| 122 | 6.8   | 5.6   | 8.4   |

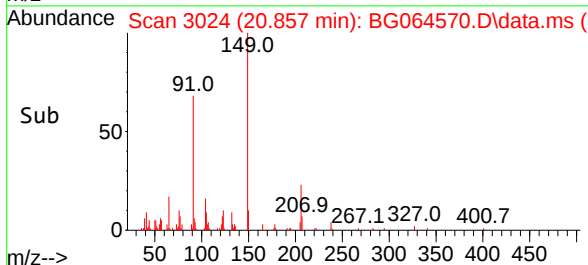
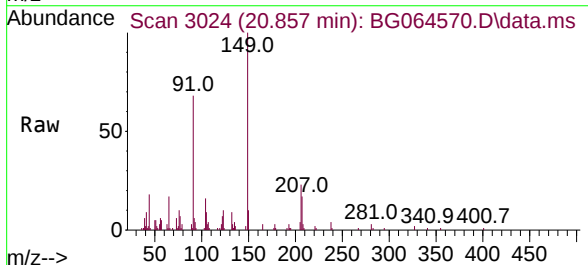
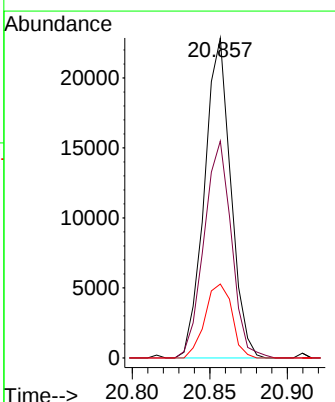
Manual Integrations  
**APPROVED**  
 Reviewed By :Rahul Chavli 10/27/2025  
 Supervised By :mohammad ahmed 11/05/2025

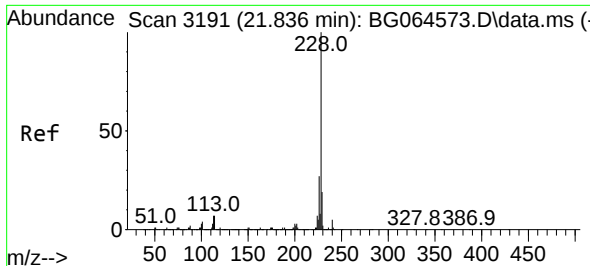


#80  
 Butylbenzylphthalate  
 Concen: 3.595 ng  
 RT: 20.857 min Scan# 3024  
 Delta R.T. 0.002 min  
 Lab File: BG064570.D  
 Acq: 24 Oct 2025 9:41

Tgt Ion: 149 Resp: 27072

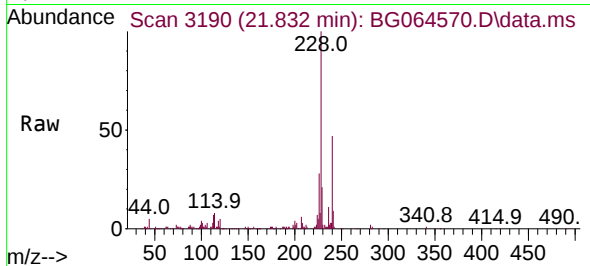
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 67.8  | 59.2  | 88.8  |
| 206 | 23.1  | 18.1  | 27.1  |





#81  
Benzo(a)anthracene  
Concen: 4.878 ng  
RT: 21.832 min Scan# 3191  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

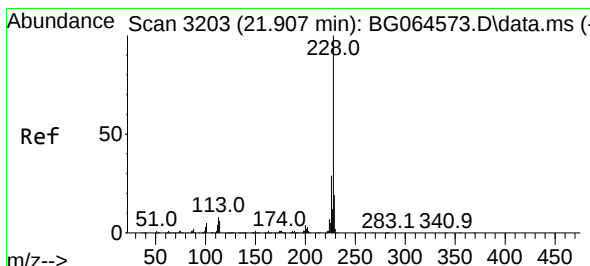
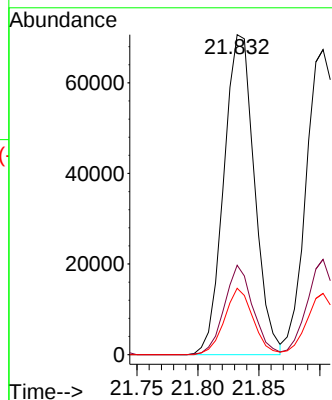
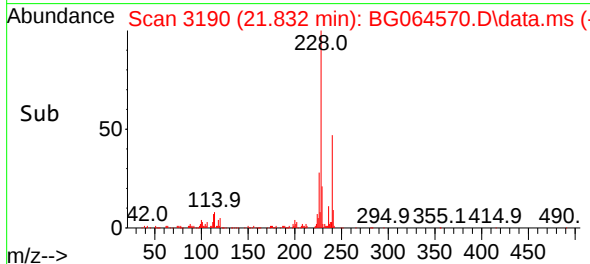
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



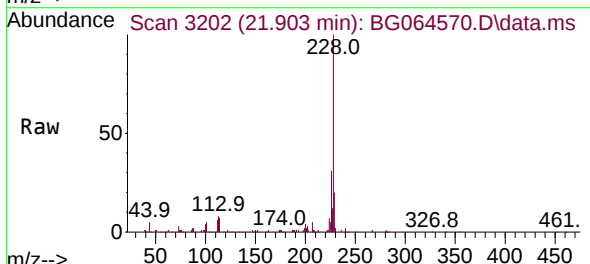
Tgt Ion:228 Resp: 123345  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.9 32.9  
229 20.7 15.6 23.4

Manual Integrations  
APPROVED

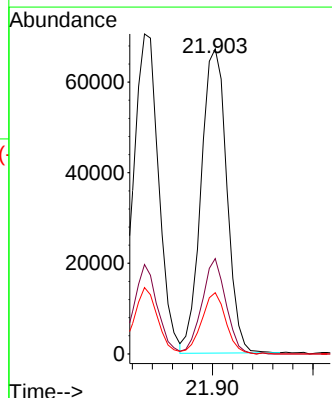
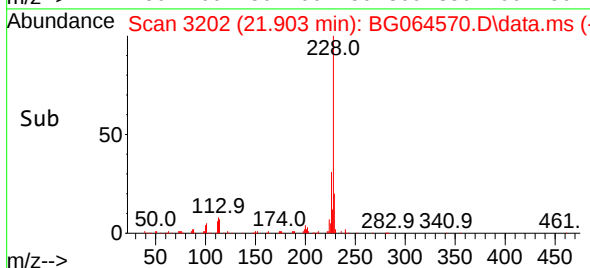
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025

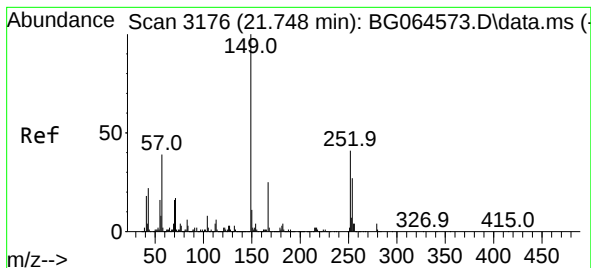


#83  
Chrysene  
Concen: 4.949 ng  
RT: 21.903 min Scan# 3202  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:228 Resp: 119080  
Ion Ratio Lower Upper  
228 100  
226 31.2 23.3 34.9  
229 20.1 15.2 22.8





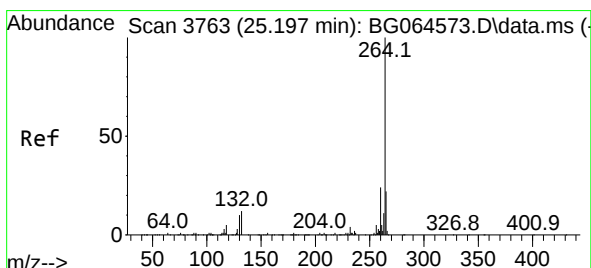
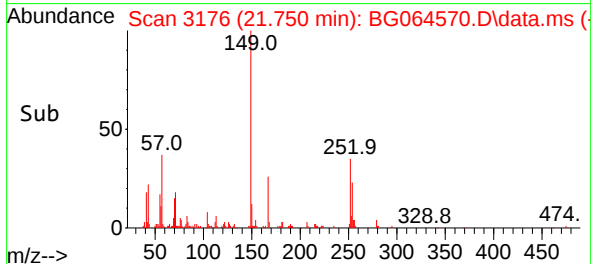
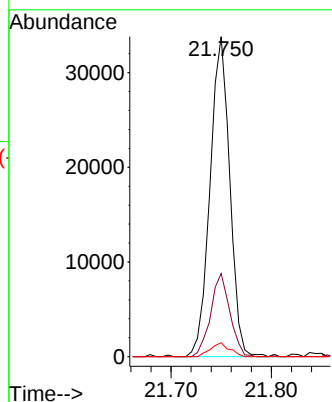
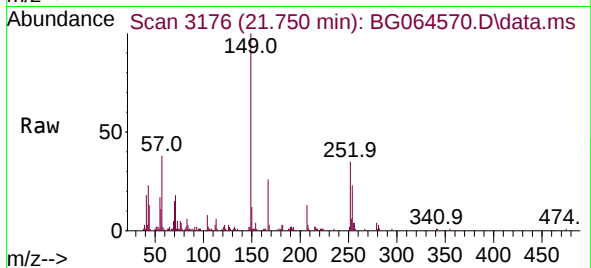
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.098 ng  
RT: 21.750 min Scan# 3176  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:149 Resp: 4611  
Ion Ratio Lower Upper  
149 100  
167 26.0 20.0 30.0  
279 4.3 3.1 4.7

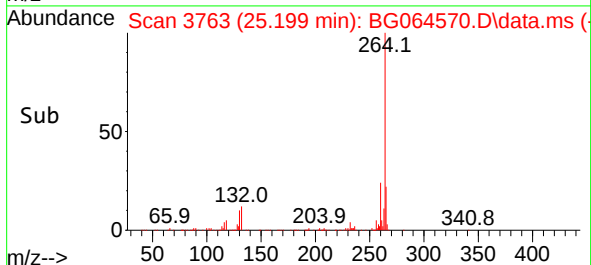
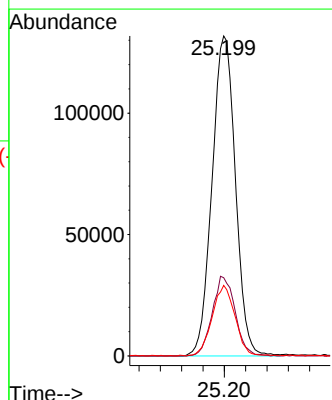
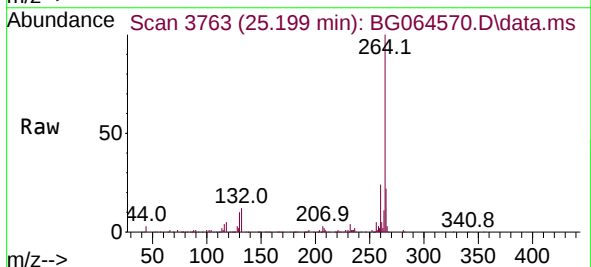
Manual Integrations  
APPROVED

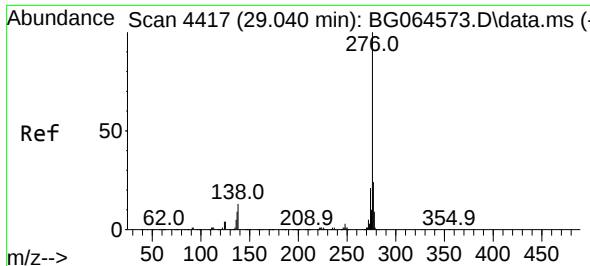
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.199 min Scan# 3763  
Delta R.T. 0.002 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:264 Resp: 401350  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.0 28.4  
265 22.1 17.6 26.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.700 ng  
RT: 29.030 min Scan# 4417  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

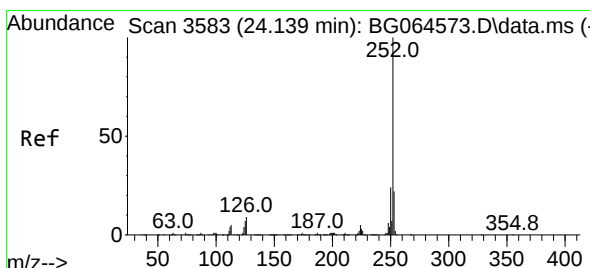
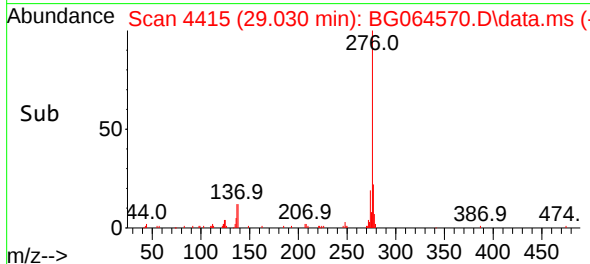
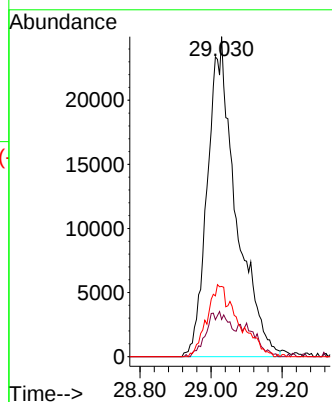
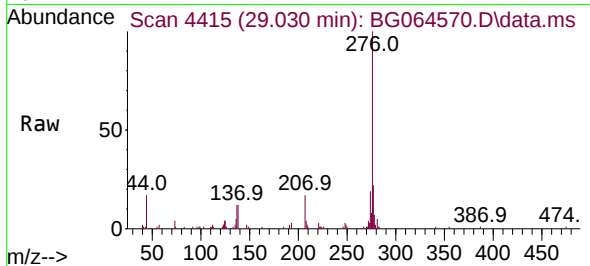
ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 138758  
Ion Ratio Lower Upper  
276 100  
138 0.0 10.8 16.2  
277 24.6 20.1 30.1

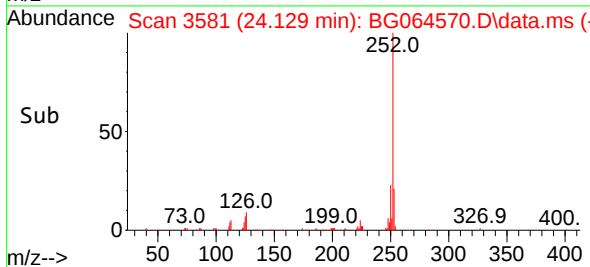
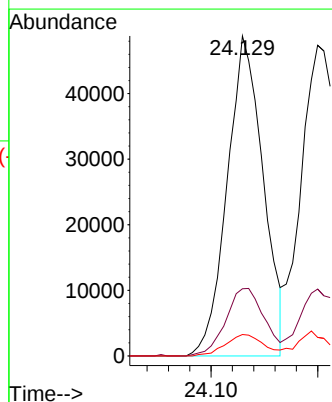
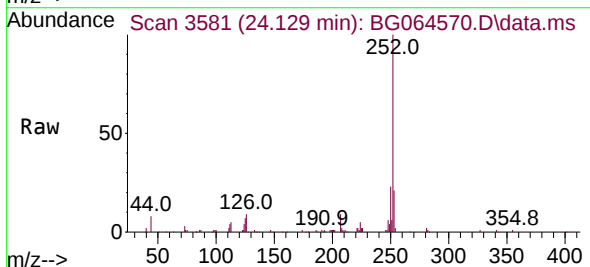
Manual Integrations  
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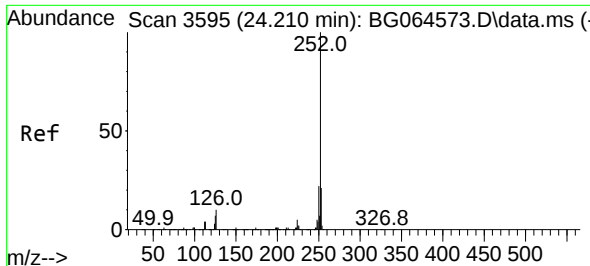
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#88  
Benzo(b)fluoranthene  
Concen: 4.640 ng  
RT: 24.129 min Scan# 3581  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 114203  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.8 26.8  
125 6.7 5.6 8.4





#89  
Benzo(k)fluoranthene  
Concen: 4.787 ng  
RT: 24.200 min Scan# 3595  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

Instrument :

BNA\_G

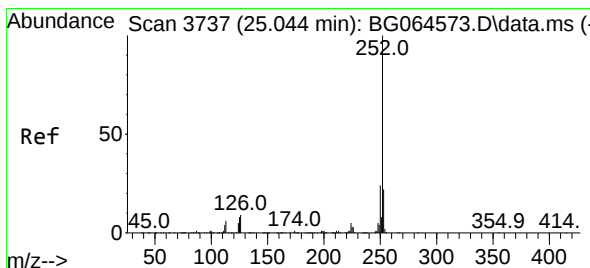
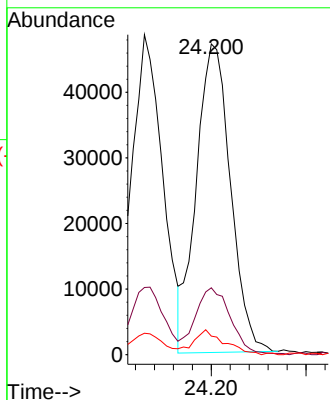
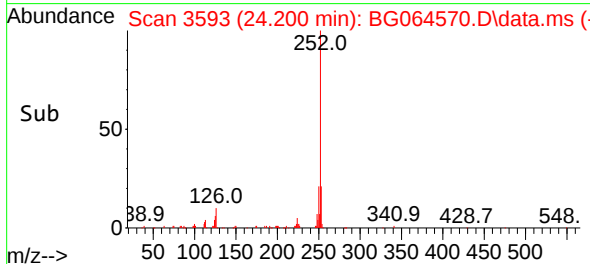
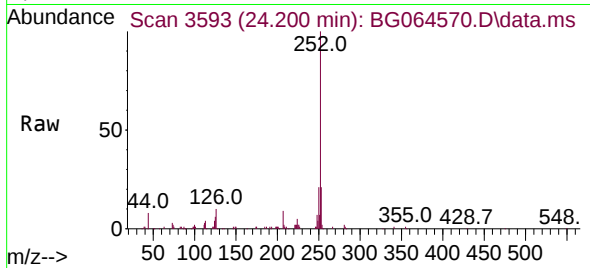
ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 117893  
Ion Ratio Lower Upper  
252 100  
253 21.5 16.8 25.2  
125 6.0 5.4 8.0

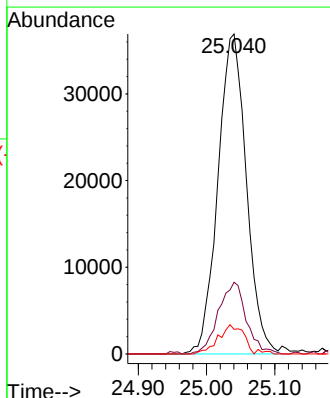
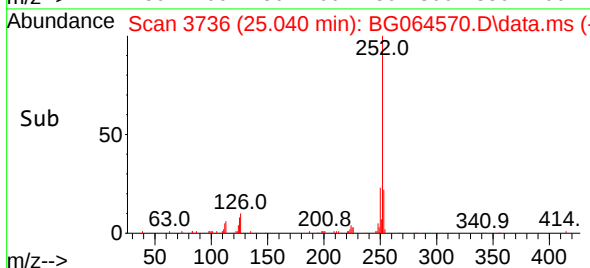
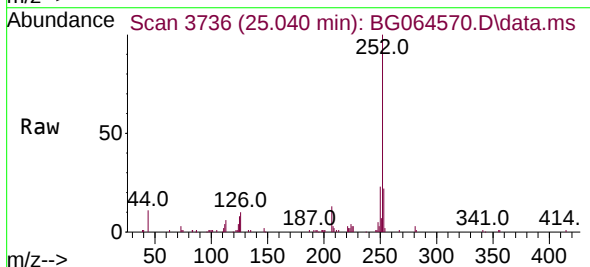
Manual Integrations  
APPROVED

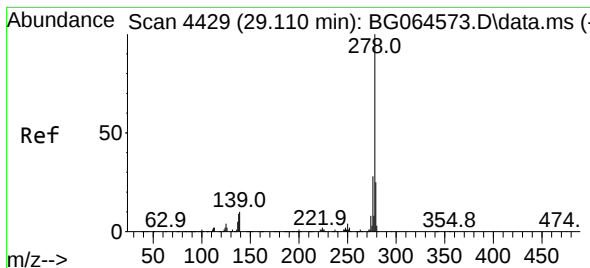
Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#90  
Benzo(a)pyrene  
Concen: 4.704 ng  
RT: 25.040 min Scan# 3736  
Delta R.T. -0.004 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

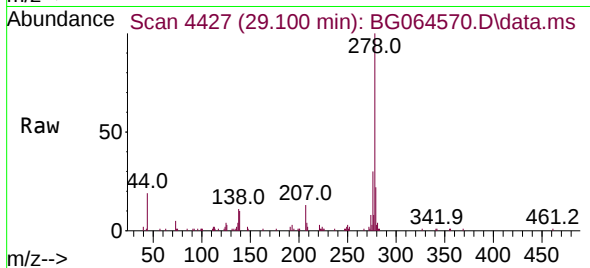
Tgt Ion:252 Resp: 106414  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.6 26.4  
125 7.7 6.1 9.1





#91  
Dibenzo(a,h)anthracene  
Concen: 4.686 ng  
RT: 29.100 min Scan# 4429  
Delta R.T. -0.010 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41

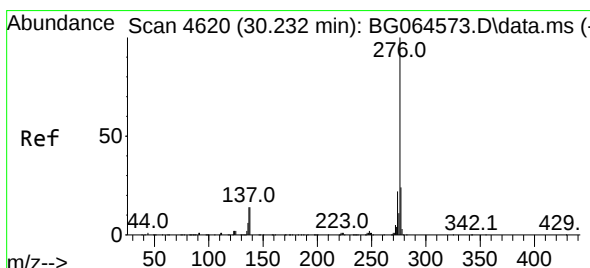
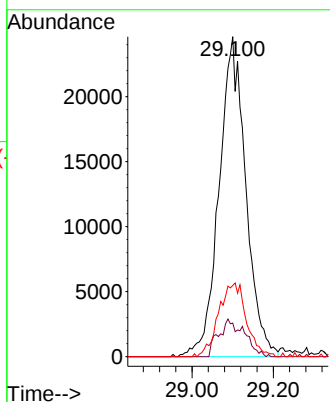
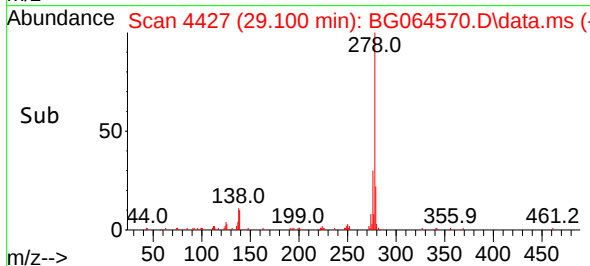
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



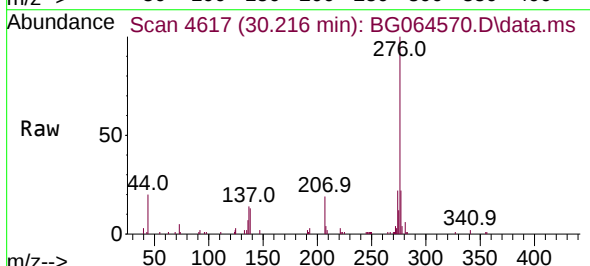
Tgt Ion:278 Resp: 112398  
Ion Ratio Lower Upper  
278 100  
139 10.5 8.0 12.0  
279 22.2 19.8 29.6

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/27/2025  
Supervised By :mohammad ahmed 11/05/2025



#92  
Benzo(g,h,i)perylene  
Concen: 4.731 ng  
RT: 30.216 min Scan# 4617  
Delta R.T. -0.016 min  
Lab File: BG064570.D  
Acq: 24 Oct 2025 9:41



Tgt Ion:276 Resp: 108407  
Ion Ratio Lower Upper  
276 100  
277 22.3 19.1 28.7  
138 13.2 11.3 16.9

