

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110325\  
 Data File : BG064676.D  
 Acq On : 3 Nov 2025 17:19  
 Operator : RC/JU  
 Sample : PB170216BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170216BS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 00:43:34 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 18:16:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.208  | 152  | 36665    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 11.034 | 136  | 145545   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.835 | 164  | 116501   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.573 | 188  | 291857   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.845 | 240  | 341711   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 25.182 | 264  | 361251   | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.740  | 112  | 252380   | 115.538 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.350  | 99   | 364958   | 121.756 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.377  | 82   | 224926   | 92.821  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.316 | 330  | 252401   | 150.108 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.460 | 172  | 622088   | 80.937  | ng    | -0.02    |
| 79) Terphenyl-d14             | 20.158 | 244  | 1500788  | 82.884  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.572  | 88   | 26074    | 26.961  | ng    | 96       |
| 3) Pyridine                   | 3.983  | 79   | 75607    | 26.034  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.889  | 42   | 55437    | 35.595  | ng    | 91       |
| 6) Aniline                    | 7.520  | 93   | 133950   | 32.841  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.767  | 128  | 106934   | 46.770  | ng    | 96       |
| 9) Benzaldehyde               | 7.332  | 77   | 51257    | 31.323  | ng    | 94       |
| 10) Phenol                    | 7.379  | 94   | 143612   | 43.323  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.614  | 93   | 92364    | 37.898  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 8.096  | 146  | 111129   | 42.229  | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 8.249  | 146  | 112310   | 41.973  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.566  | 146  | 111179   | 43.078  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.443  | 79   | 104589   | 42.314  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.736  | 45   | 245962   | 38.474  | ng    | 99       |
| 17) 2-Methylphenol            | 8.642  | 107  | 95442    | 43.365  | ng    | 99       |
| 18) Hexachloroethane          | 9.306  | 117  | 39486    | 42.051  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 9.013  | 70   | 84457    | 40.770  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.972  | 107  | 129377   | 41.799  | ng    | 98       |
| 22) Acetophenone              | 9.030  | 105  | 182271   | 45.813  | ng    | # 99     |
| 24) Nitrobenzene              | 9.418  | 77   | 123927   | 47.020  | ng    | 94       |
| 25) Isophorone                | 9.947  | 82   | 230404   | 39.625  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.135 | 139  | 51655    | 50.613  | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 10.188 | 122  | 107472   | 49.689  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.423 | 93   | 130953   | 39.555  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.675 | 162  | 114298   | 49.104  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.893 | 180  | 121635   | 45.992  | ng    | 98       |
| 31) Naphthalene               | 11.087 | 128  | 334845   | 41.495  | ng    | 99       |
| 32) Benzoic acid              | 10.323 | 122  | 70788    | 43.592  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.181 | 127  | 69535    | 22.170  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.380 | 225  | 90080    | 43.553  | ng    | 98       |
| 35) Caprolactam               | 11.956 | 113  | 35975m   | 40.296  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.285 | 107  | 130812   | 46.753  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.679 | 142  | 231452   | 39.067  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.896 | 142  | 239296   | 40.800  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 13.043 | 216  | 186832   | 47.785  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.026 | 237  | 230660   | 131.068 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.272 | 196  | 114435   | 51.168  | ng    | 98       |

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Manual Integrations  
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 QLast Update : Mon Nov 03 18:16:26 2025  
 Response via : Initial Calibration

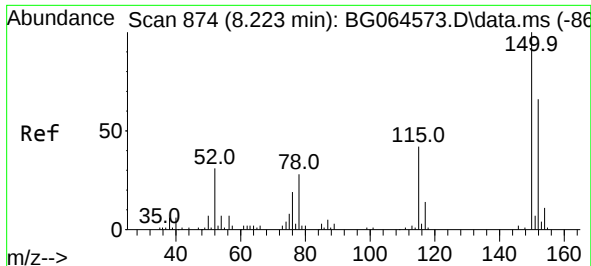
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.343 | 196  | 126231   | 48.910  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.672 | 154  | 392423   | 47.380  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.719 | 162  | 269956   | 43.180  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.907 | 65   | 99659    | 47.519  | ng    | 96       |
| 49) Acenaphthylene            | 14.559 | 152  | 482102   | 48.889  | ng    | 98       |
| 50) Dimethylphthalate         | 14.283 | 163  | 386687   | 43.377  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.395 | 165  | 76763    | 51.908  | ng    | 98       |
| 52) Acenaphthene              | 14.900 | 154  | 330536   | 49.061  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.724 | 138  | 56670    | 36.990  | ng    | # 98     |
| 54) 2,4-Dinitrophenol         | 14.923 | 184  | 106418   | 115.262 | ng    | # 38     |
| 55) Dibenzofuran              | 15.229 | 168  | 464689   | 42.663  | ng    | 98       |
| 56) 4-Nitrophenol             | 15.017 | 139  | 135990   | 95.740  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.176 | 165  | 117345   | 51.368  | ng    | # 100    |
| 58) Fluorene                  | 15.875 | 166  | 374710   | 44.050  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.446 | 232  | 133345   | 54.030  | ng    | 98       |
| 60) Diethylphthalate          | 15.634 | 149  | 391543   | 43.016  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.863 | 204  | 210057   | 44.003  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.881 | 138  | 85132    | 49.948  | ng    | 94       |
| 63) Azobenzene                | 16.157 | 77   | 350545   | 41.973  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.940 | 198  | 76492    | 58.254  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 16.075 | 169  | 344623   | 43.713  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.756 | 248  | 155902   | 45.076  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.880 | 284  | 179683   | 45.539  | ng    | 98       |
| 69) Atrazine                  | 17.015 | 200  | 160899   | 47.425  | ng    | 96       |
| 70) Pentachlorophenol         | 17.215 | 266  | 246480   | 100.175 | ng    | 96       |
| 71) Phenanthrene              | 17.614 | 178  | 687757   | 43.091  | ng    | 99       |
| 72) Anthracene                | 17.702 | 178  | 699037   | 43.056  | ng    | 100      |
| 73) Carbazole                 | 17.961 | 167  | 631308   | 44.096  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.519 | 149  | 726202   | 43.865  | ng    | 99       |
| 75) Fluoranthene              | 19.606 | 202  | 890769   | 44.551  | ng    | 99       |
| 77) Benzidine                 | 19.776 | 184  | 315351   | 41.191  | ng    | 99       |
| 78) Pyrene                    | 19.970 | 202  | 926752   | 41.511  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.840 | 149  | 327559   | 48.545  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.827 | 228  | 1007500  | 44.467  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.733 | 252  | 257277   | 34.004  | ng    | 99       |
| 83) Chrysene                  | 21.892 | 228  | 940484   | 43.624  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.727 | 149  | 459648   | 45.588  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.984 | 149  | 788440   | 46.381  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.007 | 276  | 1196767  | 45.034  | ng    | # 70     |
| 88) Benzo(b)fluoranthene      | 24.124 | 252  | 999955   | 45.141  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.195 | 252  | 1037592  | 46.808  | ng    | 96       |
| 90) Benzo(a)pyrene            | 25.023 | 252  | 964357   | 47.360  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.077 | 278  | 993091   | 45.998  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.211 | 276  | 961121   | 46.601  | ng    | 98       |

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

## Manual Integrations APPROVED

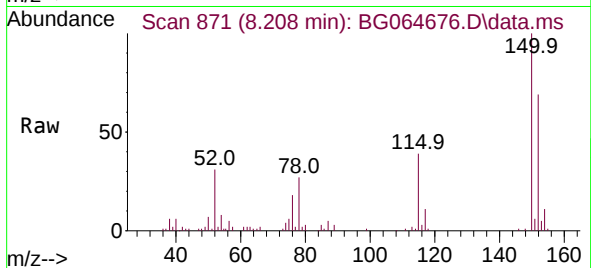
Quant Time: Nov 04 00:43:34 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
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QLast Update : Mon Nov 03 18:16:26 2025  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.208 min Scan# 81  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

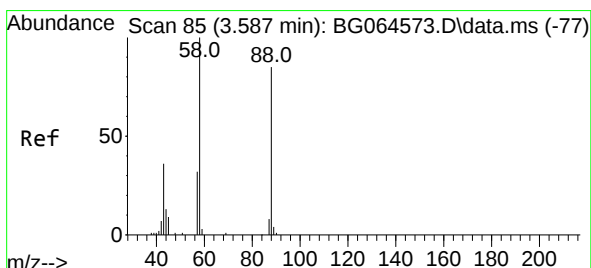
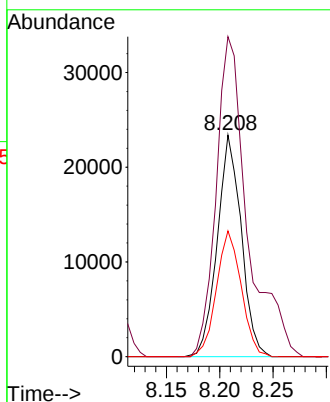
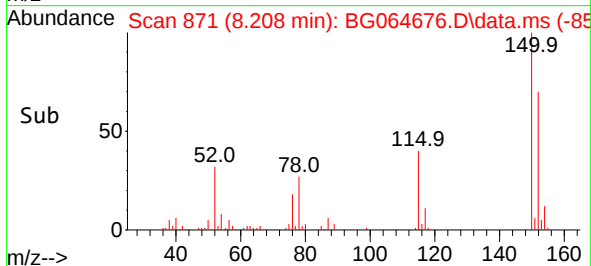
Instrument :  
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ClientSampleId :  
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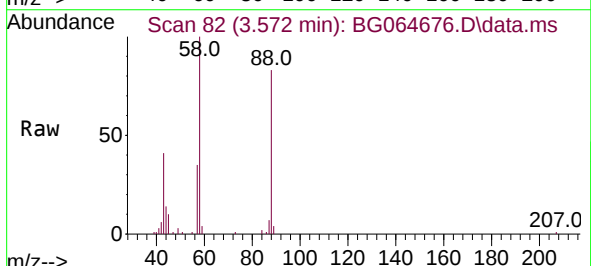
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Ion Ratio Lower Upper  
152 100  
150 144.4 122.2 183.4  
115 56.7 50.8 76.2

Manual Integrations  
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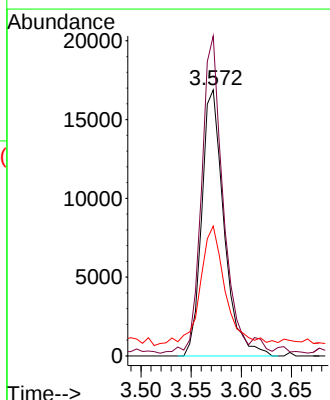
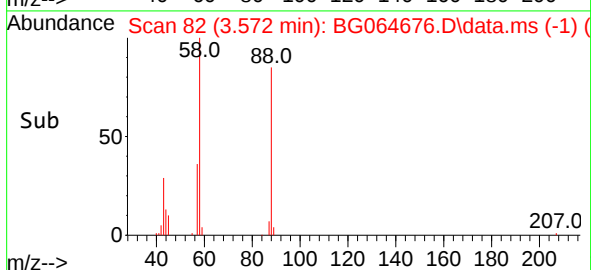
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

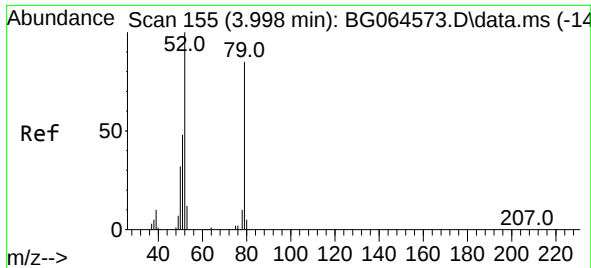


#2  
1,4-Dioxane  
Concen: 26.961 ng  
RT: 3.572 min Scan# 82  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



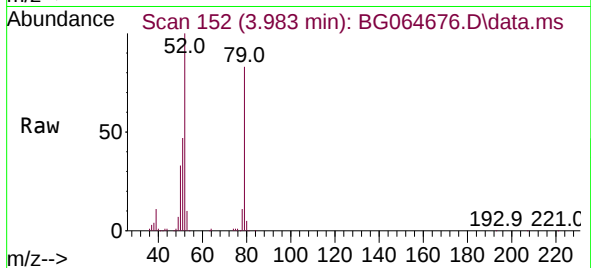
Tgt Ion: 88 Resp: 26074  
Ion Ratio Lower Upper  
88 100  
58 113.6 92.4 138.6  
43 48.8 33.0 49.6





#3  
Pyridine  
Concen: 26.034 ng  
RT: 3.983 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

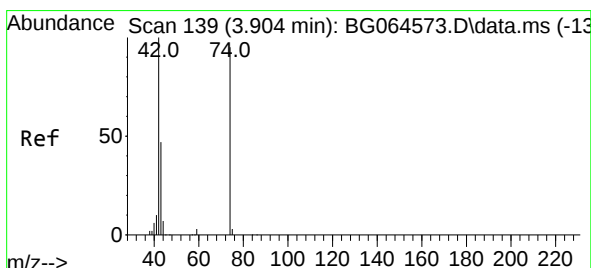
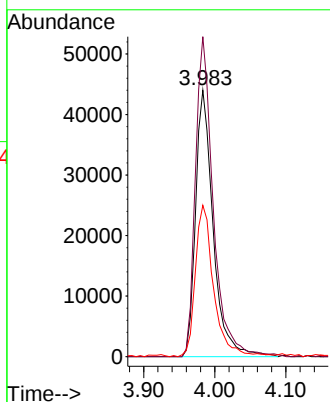
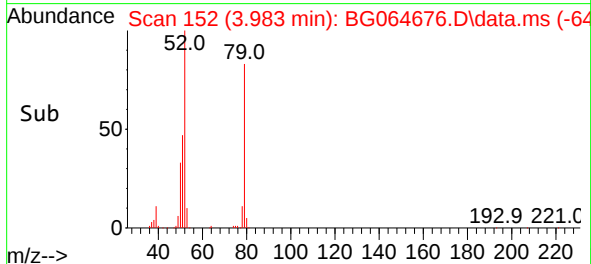
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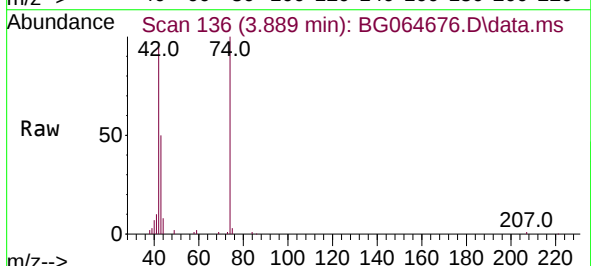
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Ion Ratio Lower Upper  
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52 120.1 94.2 141.2  
51 56.8 46.1 69.1

Manual Integrations  
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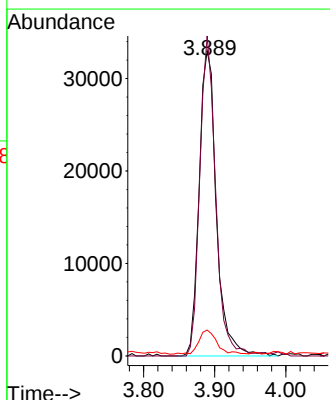
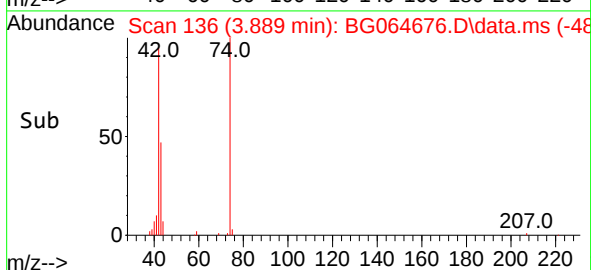
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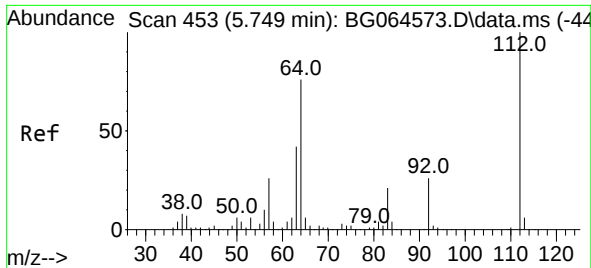


#4  
n-Nitrosodimethylamine  
Concen: 35.595 ng  
RT: 3.889 min Scan# 136  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion: 42 Resp: 55437  
Ion Ratio Lower Upper  
42 100  
74 104.8 76.1 114.1  
44 8.5 6.3 9.5





#5  
2-Fluorophenol  
Concen: 115.538 ng  
RT: 5.740 min Scan# 453  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

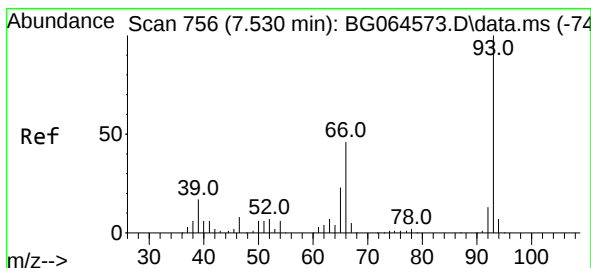
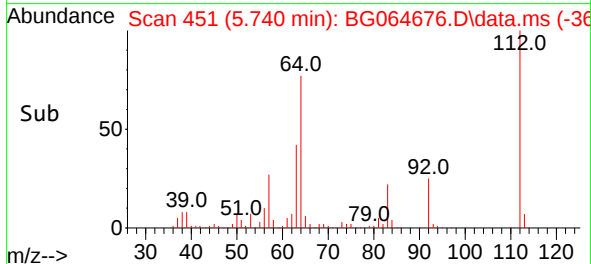
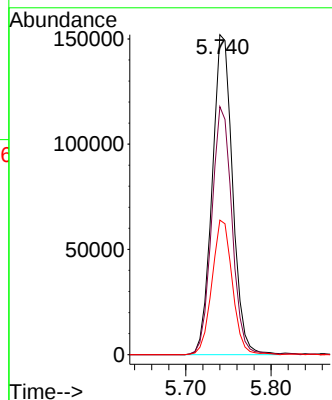
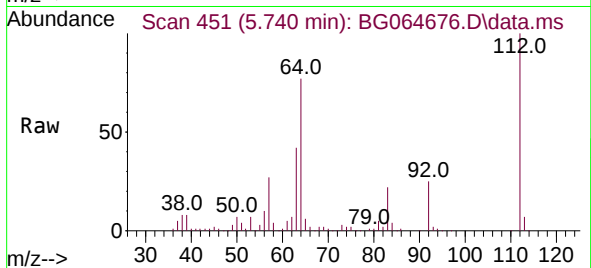
PB170216BS

Tgt Ion:112 Resp: 252386  
Ion Ratio Lower Upper  
112 100  
64 77.5 60.7 91.1  
63 42.1 33.4 50.0

Manual Integrations

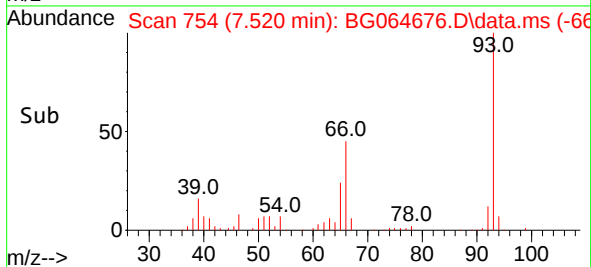
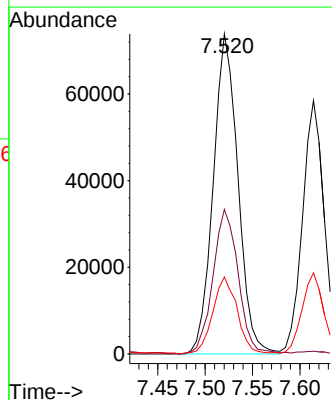
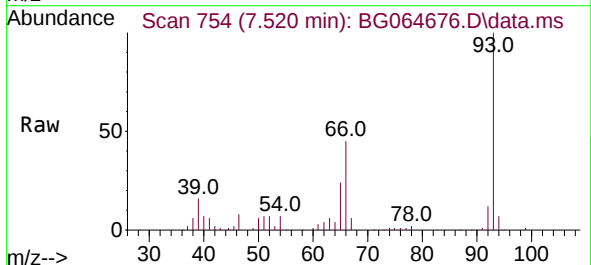
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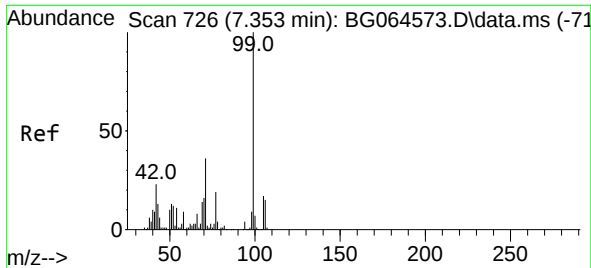
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#6  
Aniline  
Concen: 32.841 ng  
RT: 7.520 min Scan# 754  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

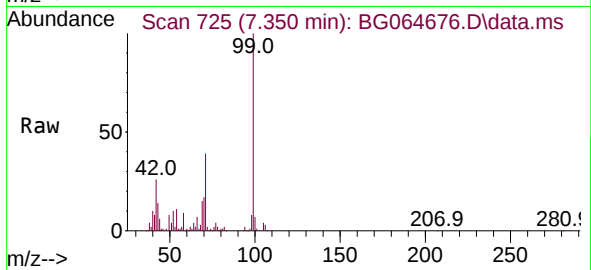
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Ion Ratio Lower Upper  
93 100  
66 45.2 37.0 55.6  
65 24.0 18.3 27.5





#7  
Phenol-d6  
Concen: 121.756 ng  
RT: 7.350 min Scan# 726  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

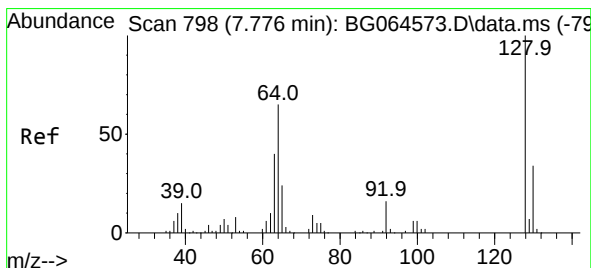
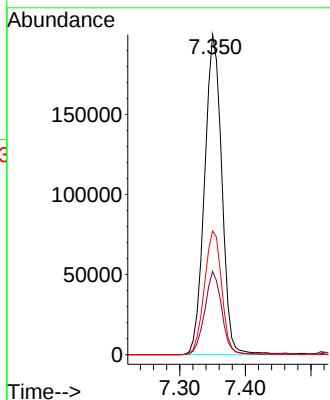
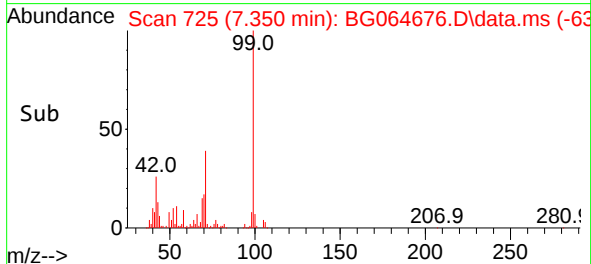
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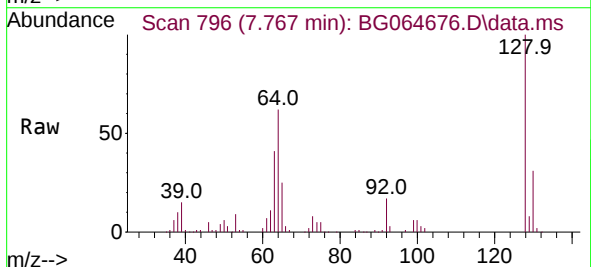
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Manual Integrations  
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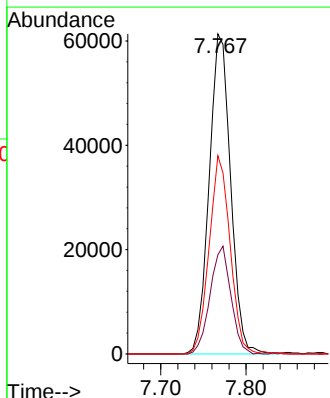
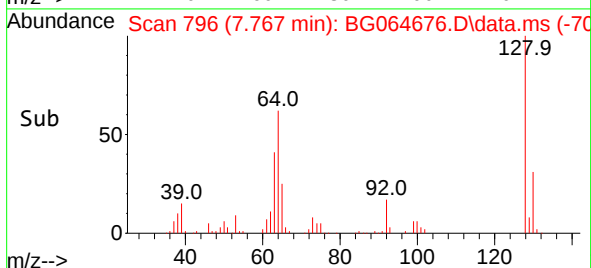
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

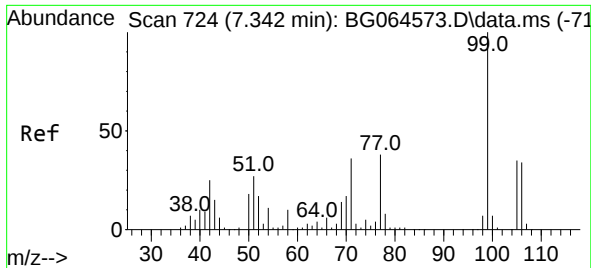


#8  
2-Chlorophenol  
Concen: 46.770 ng  
RT: 7.767 min Scan# 796  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:128 Resp: 106934  
Ion Ratio Lower Upper  
128 100  
130 31.0 13.5 53.5  
64 61.9 45.2 85.2





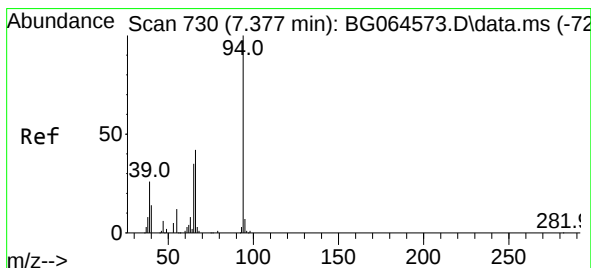
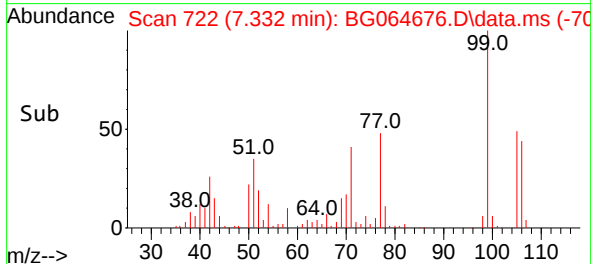
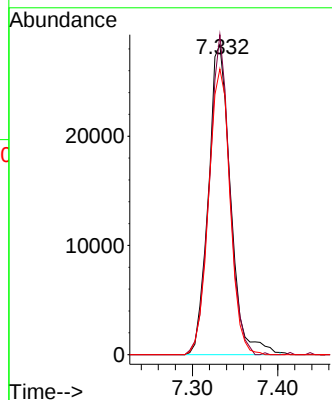
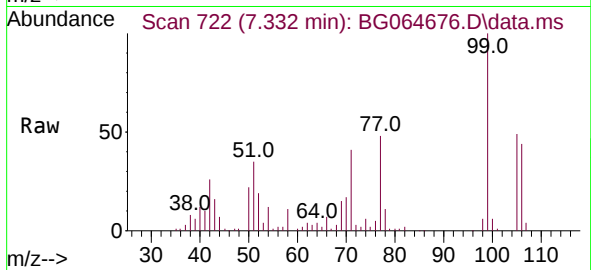
#9  
Benzaldehyde  
Concen: 31.323 ng  
RT: 7.332 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

Tgt Ion: 77 Resp: 5125  
Ion Ratio Lower Upper  
77 100  
105 103.2 72.9 112.9  
106 92.1 70.8 110.8

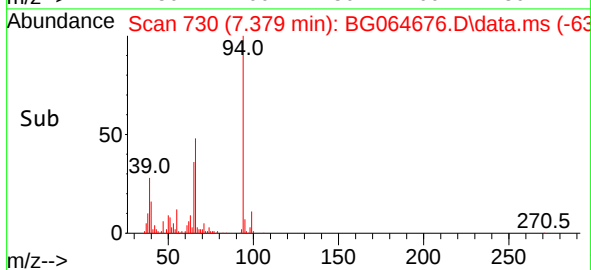
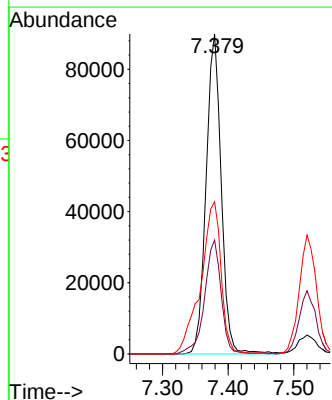
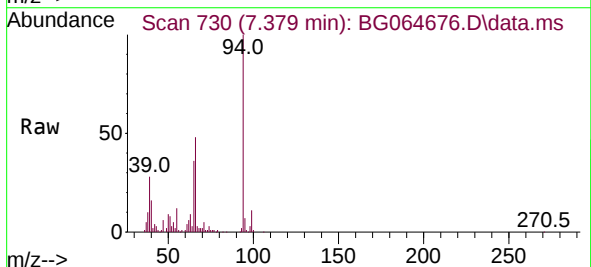
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#10  
Phenol  
Concen: 43.323 ng  
RT: 7.379 min Scan# 730  
Delta R.T. 0.002 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

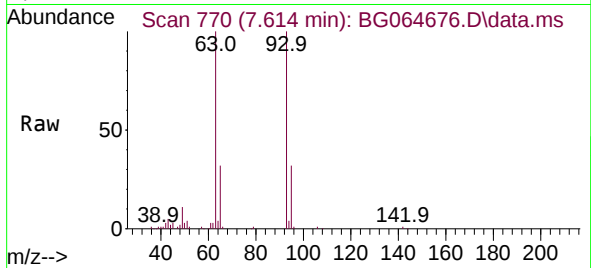
Tgt Ion: 94 Resp: 143612  
Ion Ratio Lower Upper  
94 100  
65 35.6 15.8 55.8  
66 47.5 24.0 64.0





#11  
bis(2-Chloroethyl)ether  
Concen: 37.898 ng  
RT: 7.614 min Scan# 711  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

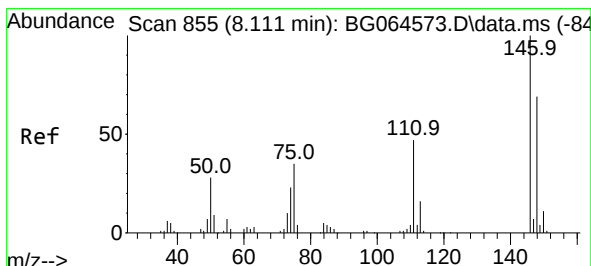
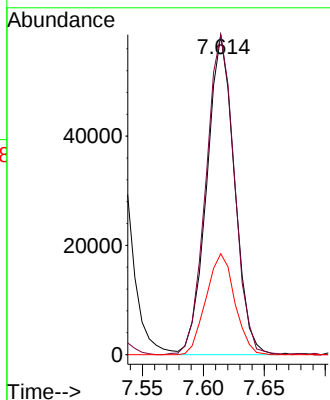
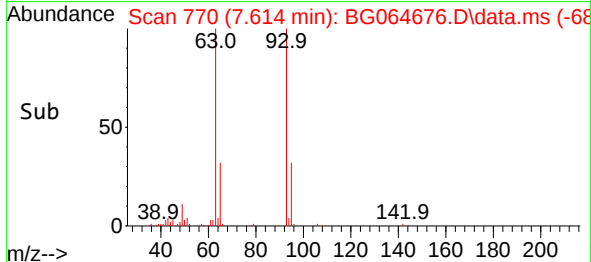
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



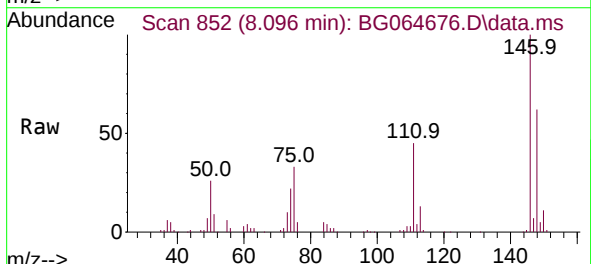
Tgt Ion: 93 Resp: 92364  
Ion Ratio Lower Upper  
93 100  
63 100.2 91.3 131.3  
95 31.6 13.3 53.3

Manual Integrations  
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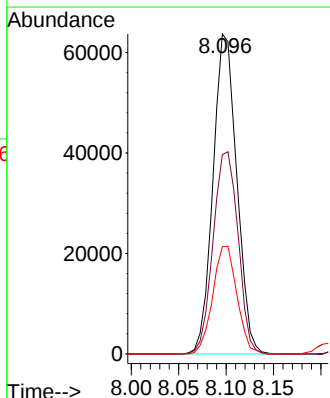
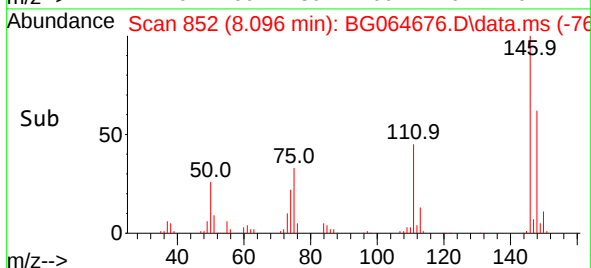
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

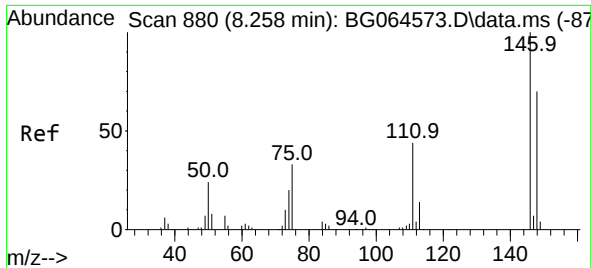


#12  
1,3-Dichlorobenzene  
Concen: 42.229 ng  
RT: 8.096 min Scan# 852  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



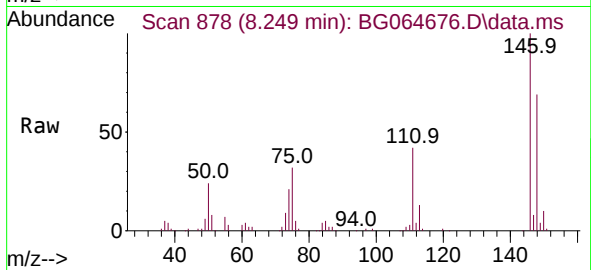
Tgt Ion:146 Resp: 111129  
Ion Ratio Lower Upper  
146 100  
148 62.3 55.3 82.9  
75 33.5 28.2 42.2





#13  
1,4-Dichlorobenzene  
Concen: 41.973 ng  
RT: 8.249 min Scan# 811  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

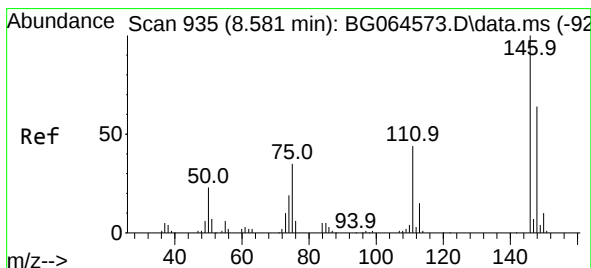
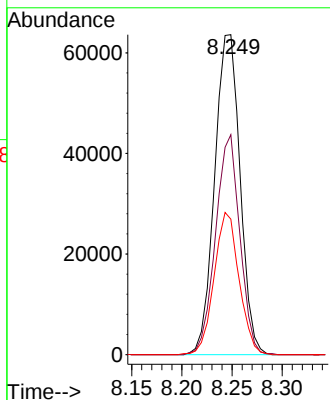
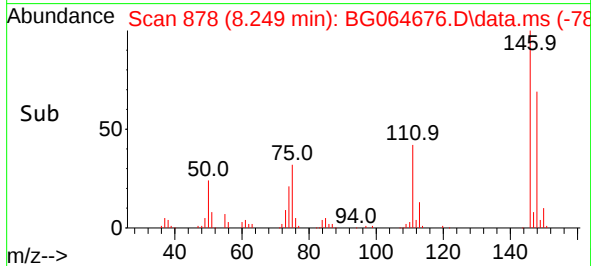
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



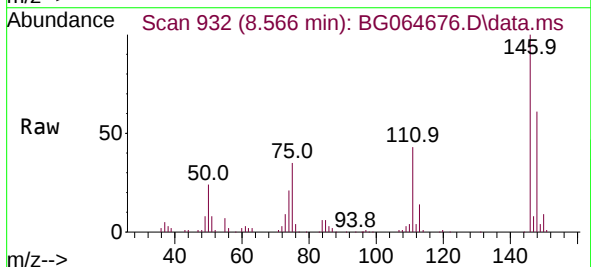
Tgt Ion:146 Resp: 112310  
Ion Ratio Lower Upper  
146 100  
148 68.7 56.2 84.4  
111 42.3 35.4 53.0

Manual Integrations  
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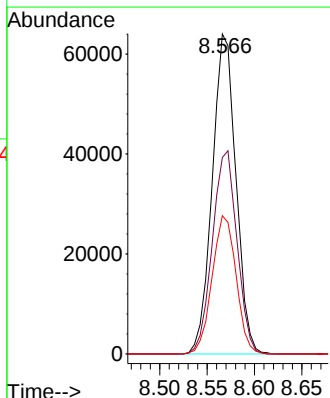
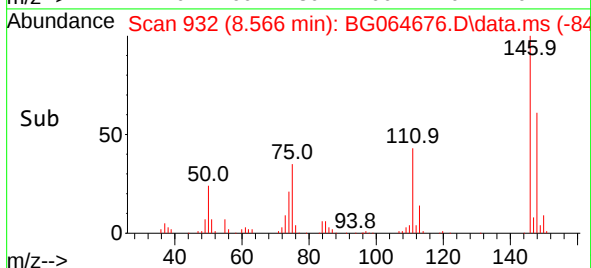
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#14  
1,2-Dichlorobenzene  
Concen: 43.078 ng  
RT: 8.566 min Scan# 932  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



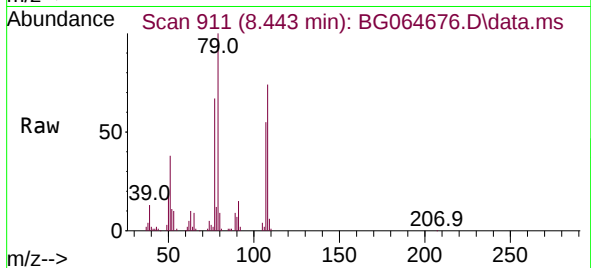
Tgt Ion:146 Resp: 111179  
Ion Ratio Lower Upper  
146 100  
148 61.4 51.5 77.3  
111 43.2 35.0 52.6





#15  
Benzyl Alcohol  
Concen: 42.314 ng  
RT: 8.443 min Scan# 911  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

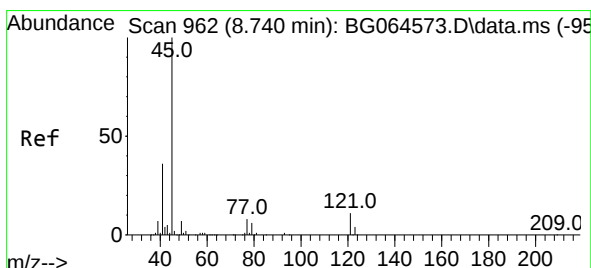
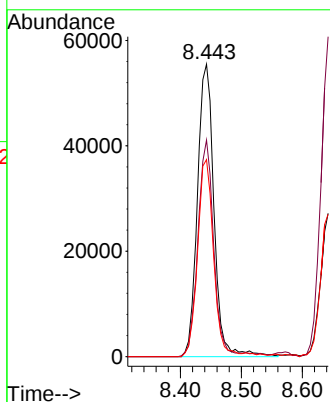
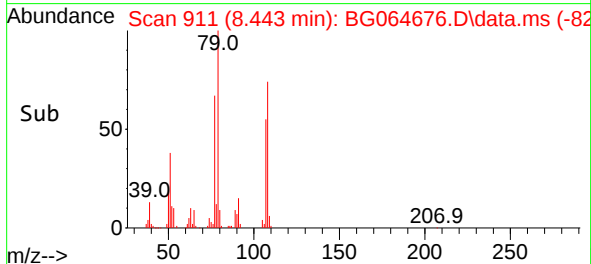
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



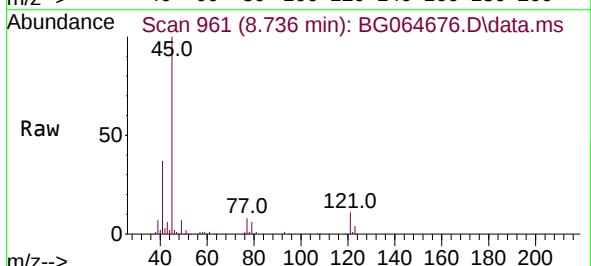
Tgt Ion: 79 Resp: 104589  
Ion Ratio Lower Upper  
79 100  
108 74.0 58.1 87.1  
77 67.4 52.8 79.2

Manual Integrations  
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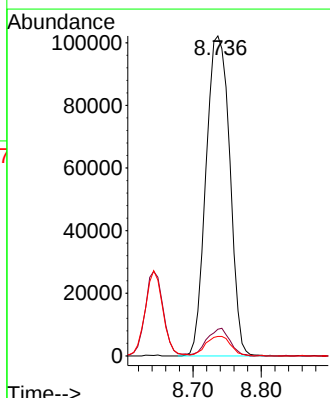
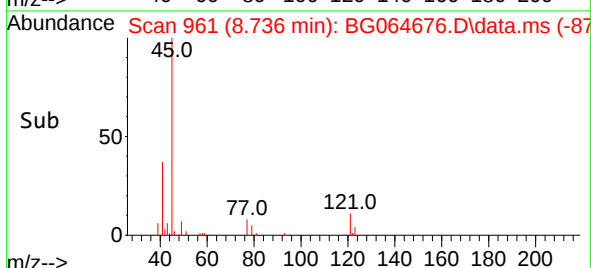
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.474 ng  
RT: 8.736 min Scan# 961  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion: 45 Resp: 245962  
Ion Ratio Lower Upper  
45 100  
77 8.3 0.0 28.5  
79 6.1 0.0 25.6





#17

2-Methylphenol

Concen: 43.365 ng

RT: 8.642 min Scan# 947

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

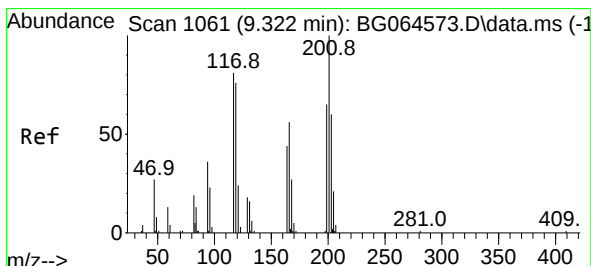
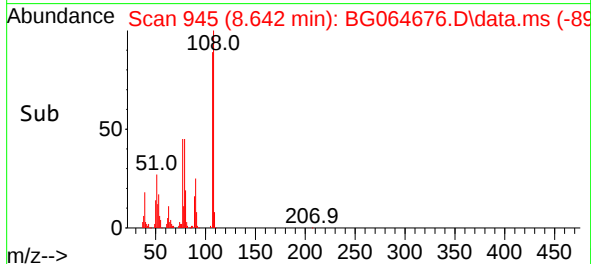
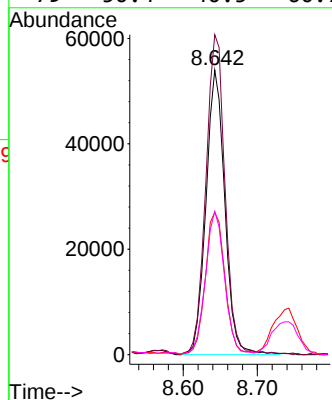
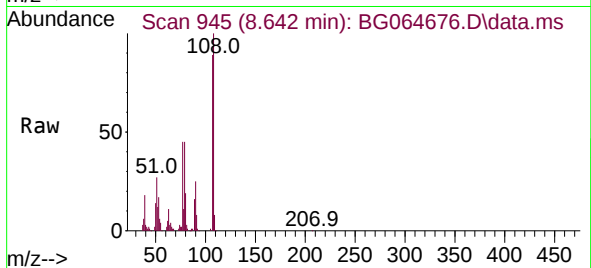
PB170216BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 9544  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.5 | 90.0  | 135.0 |
| 77       | 50.0  | 37.8  | 56.8  |
| 79       | 50.4  | 40.5  | 60.7  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 42.051 ng

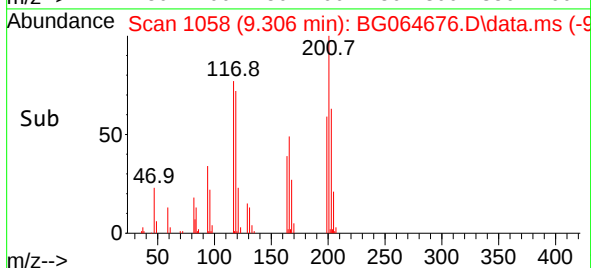
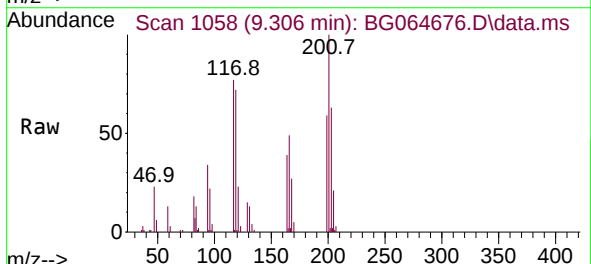
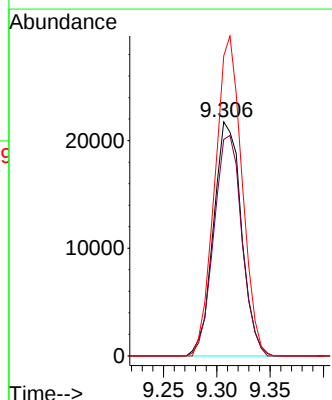
RT: 9.306 min Scan# 1058

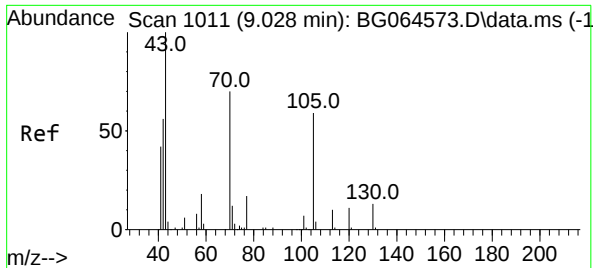
Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 39486 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.5  | 75.4  | 113.2 |
| 201      | 128.2 | 99.2  | 148.8 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 40.770 ng  
RT: 9.013 min Scan# 1008  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

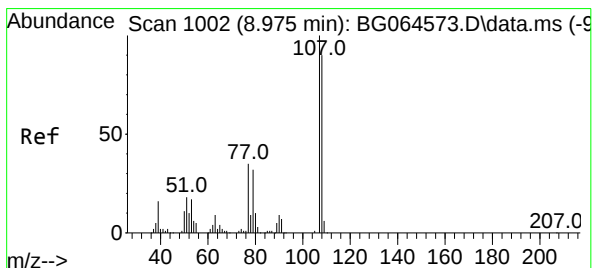
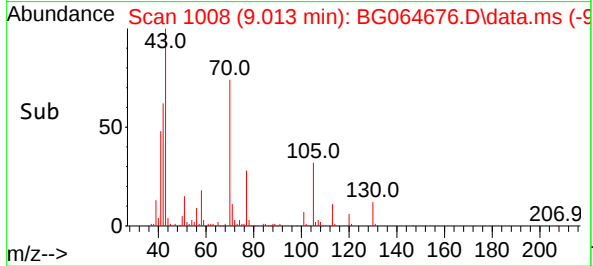
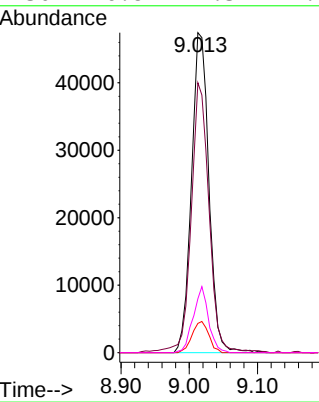
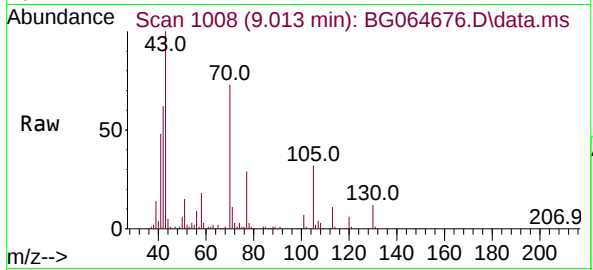
PB170216BS

Tgt Ion: 70 Resp: 8445  
Ion Ratio Lower Upper  
70 100  
42 84.3 65.2 97.8  
101 9.1 7.9 11.9  
130 16.8 14.3 21.5

Manual Integrations

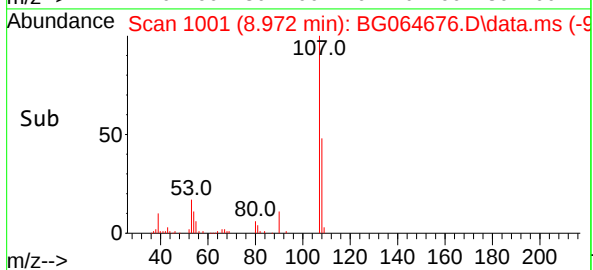
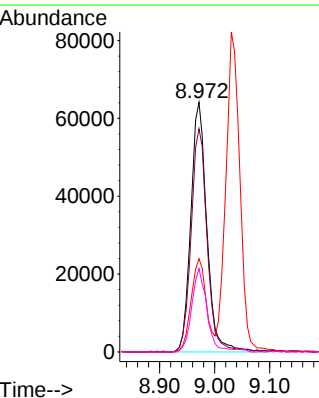
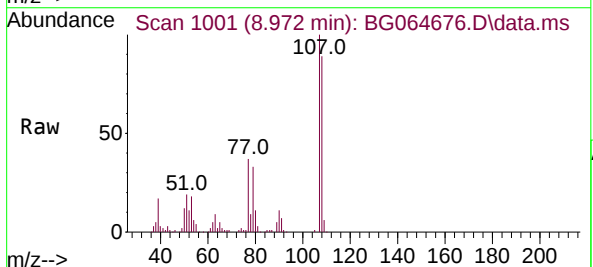
APPROVED

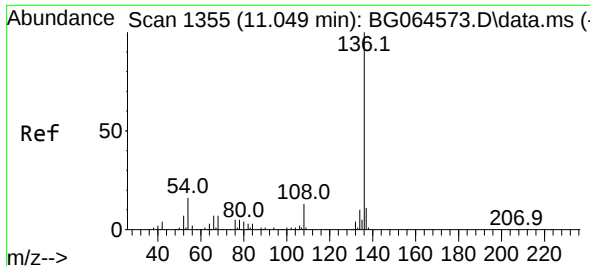
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#20  
3+4-Methylphenols  
Concen: 41.799 ng  
RT: 8.972 min Scan# 1001  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

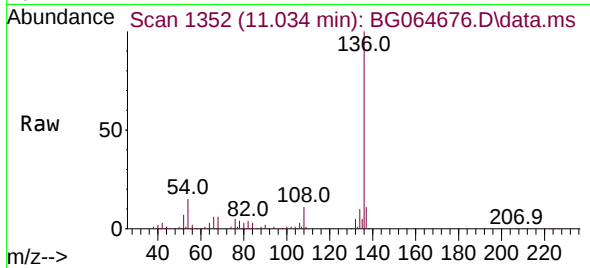
Tgt Ion:107 Resp: 129377  
Ion Ratio Lower Upper  
107 100  
108 89.5 70.3 110.3  
77 37.4 14.6 54.6  
79 33.4 11.7 51.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.034 min Scan# 1355  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

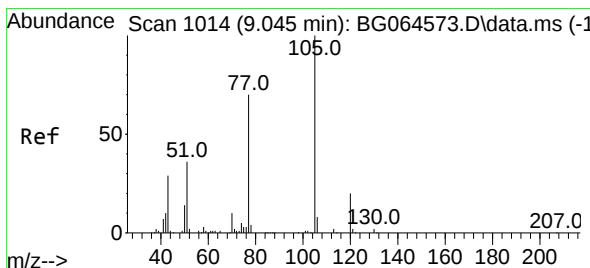
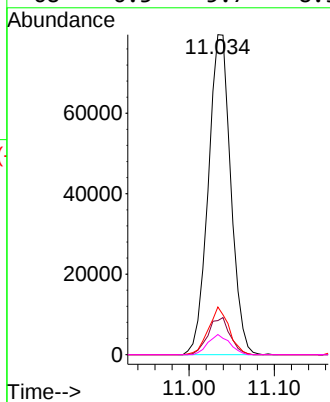
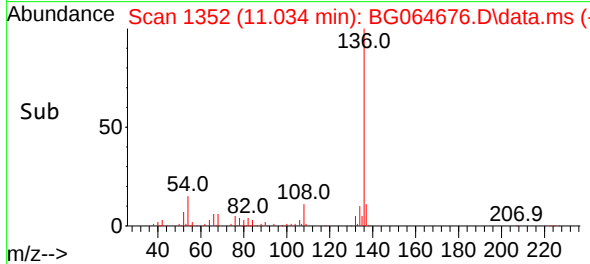
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:136 Resp: 145545  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.2 13.8  
54 14.9 12.6 19.0  
68 6.3 5.7 8.5

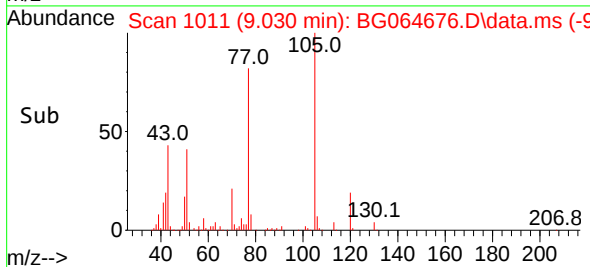
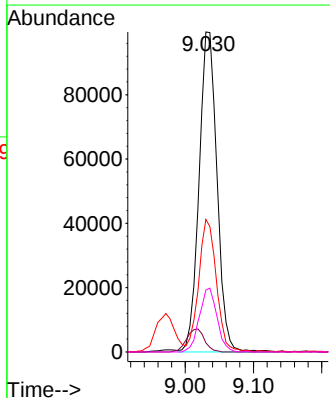
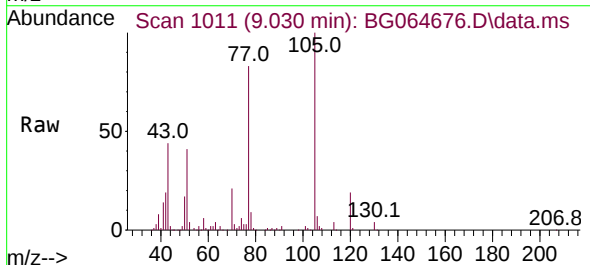
Manual Integrations  
APPROVED

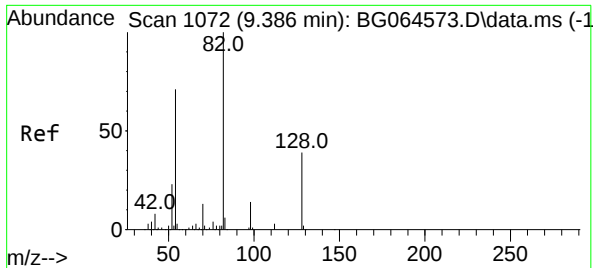
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#22  
Acetophenone  
Concen: 45.813 ng  
RT: 9.030 min Scan# 1011  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:105 Resp: 182271  
Ion Ratio Lower Upper  
105 100  
71 2.8 1.5 2.3#  
51 41.4 33.7 50.5  
120 19.3 16.1 24.1





#23

Nitrobenzene-d5

Concen: 92.821 ng

RT: 9.377 min Scan# 1072

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

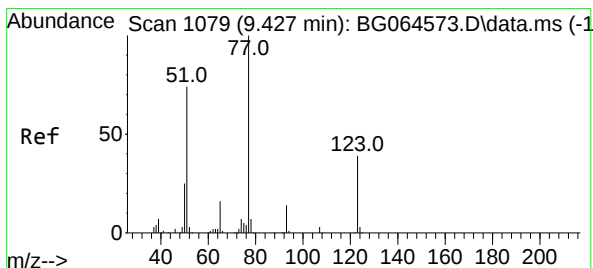
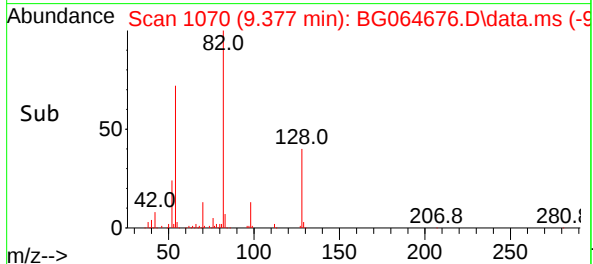
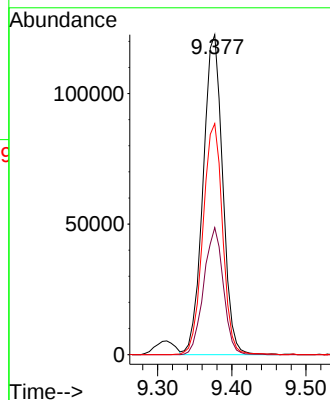
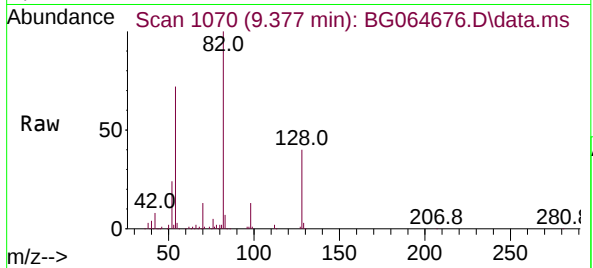
PB170216BS

Tgt Ion: 82 Resp: 224926  
 Ion Ratio Lower Upper  
 82 100  
 128 39.7 31.3 46.9  
 54 72.2 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
 Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 47.020 ng

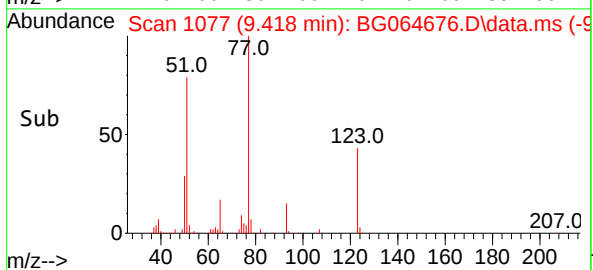
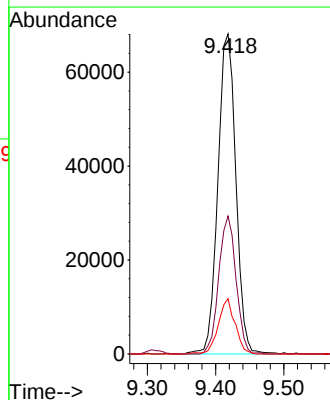
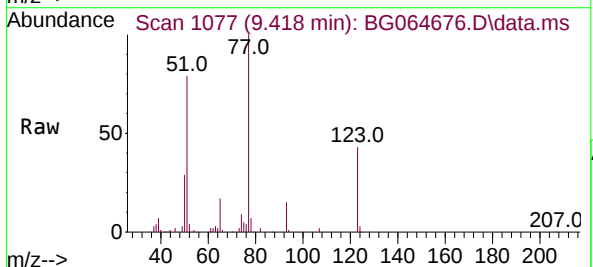
RT: 9.418 min Scan# 1077

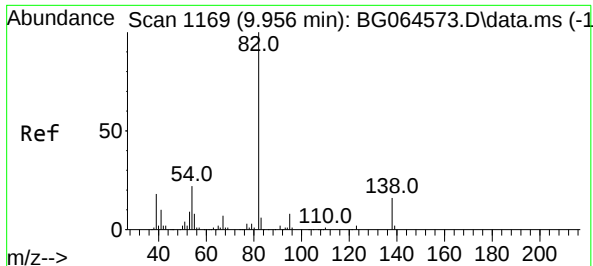
Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

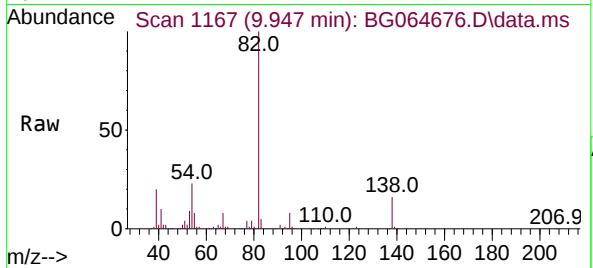
Tgt Ion: 77 Resp: 123927  
 Ion Ratio Lower Upper  
 77 100  
 123 43.1 31.0 46.6  
 65 17.3 12.7 19.1





#25  
Isophorone  
Concen: 39.625 ng  
RT: 9.947 min Scan# 1167  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

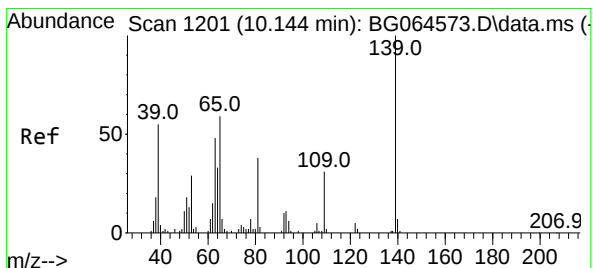
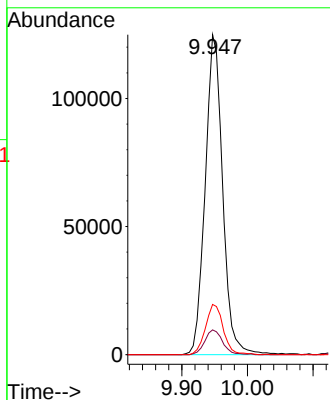
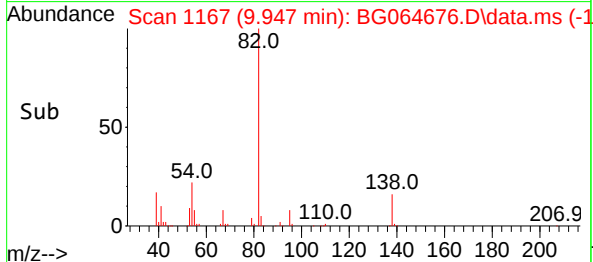
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



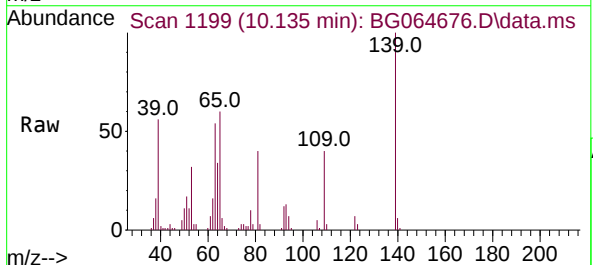
Tgt Ion: 82 Resp: 230404  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.1 9.1  
138 15.7 13.0 19.4

Manual Integrations  
APPROVED

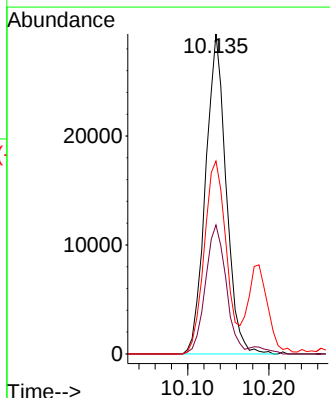
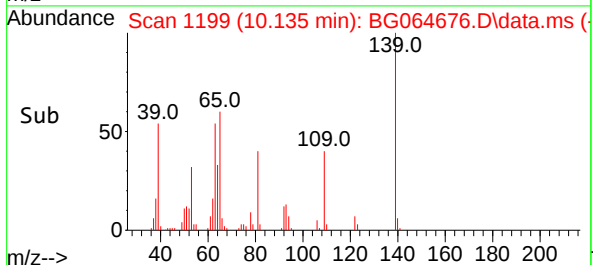
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

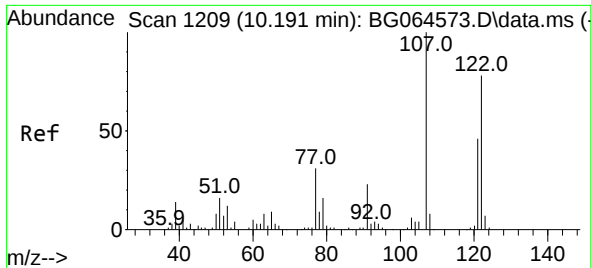


#26  
2-Nitrophenol  
Concen: 50.613 ng  
RT: 10.135 min Scan# 1199  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



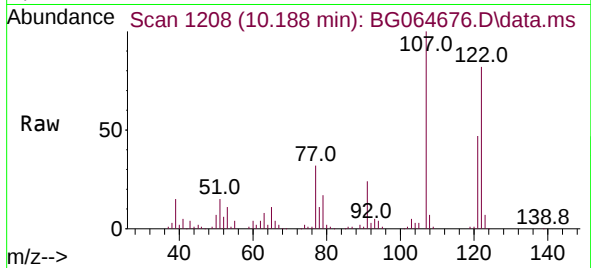
Tgt Ion:139 Resp: 51655  
Ion Ratio Lower Upper  
139 100  
109 40.3 24.6 37.0#  
65 60.3 47.5 71.3





#27  
2,4-Dimethylphenol  
Concen: 49.689 ng  
RT: 10.188 min Scan# 1208  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

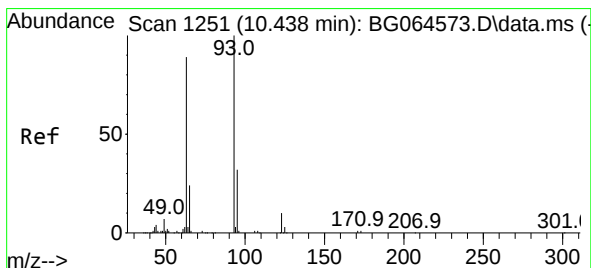
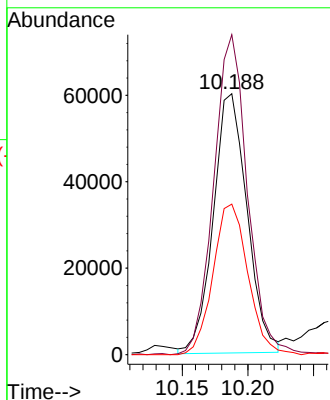
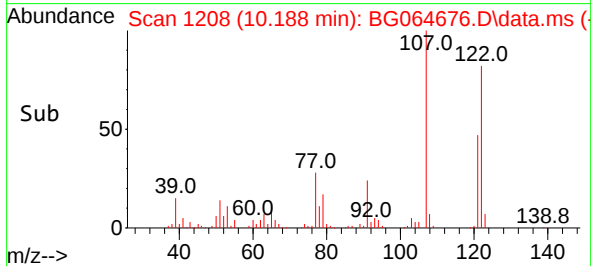
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:122 Resp: 107472  
Ion Ratio Lower Upper  
122 100  
107 122.7 103.0 154.4  
121 57.7 47.8 71.8

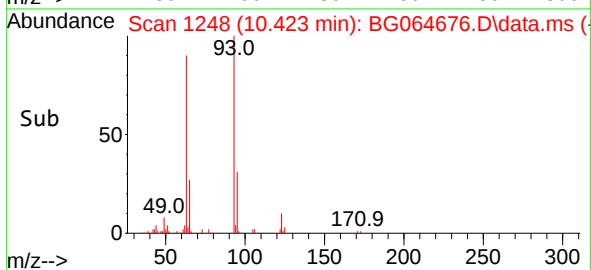
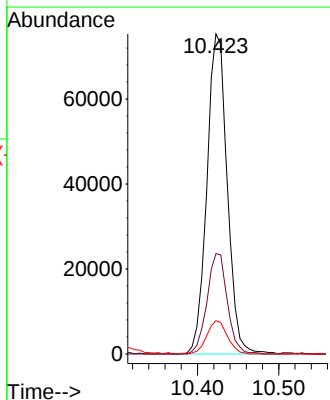
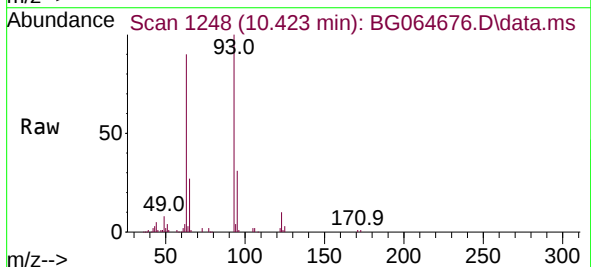
Manual Integrations  
APPROVED

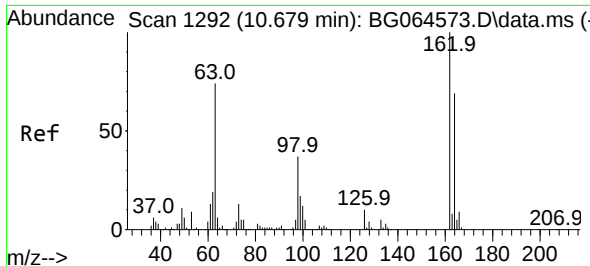
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.555 ng  
RT: 10.423 min Scan# 1248  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion: 93 Resp: 130953  
Ion Ratio Lower Upper  
93 100  
95 31.3 25.4 38.2  
123 10.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 49.104 ng

RT: 10.675 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

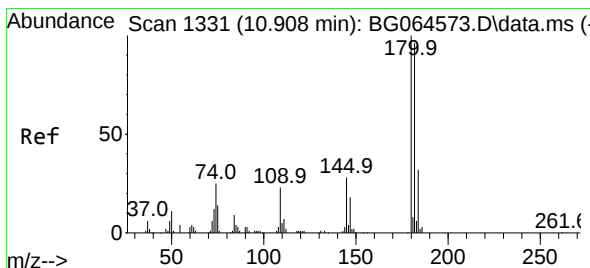
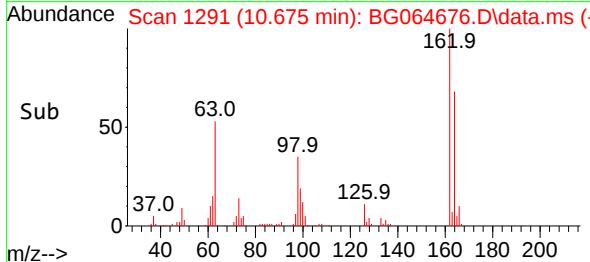
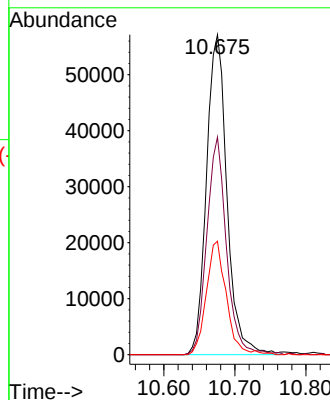
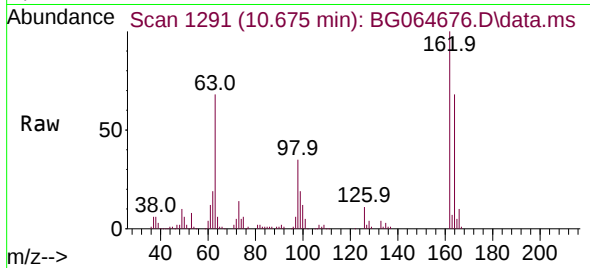
PB170216BS

Tgt Ion:162 Resp: 114298  
 Ion Ratio Lower Upper  
 162 100  
 164 68.0 48.7 88.7  
 98 35.4 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
 Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.992 ng

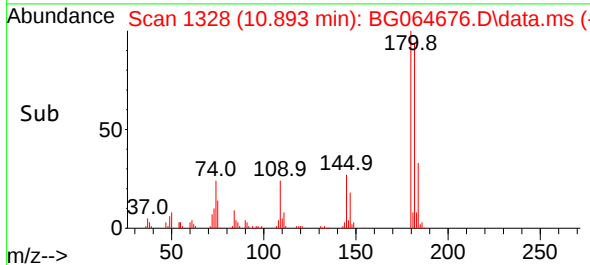
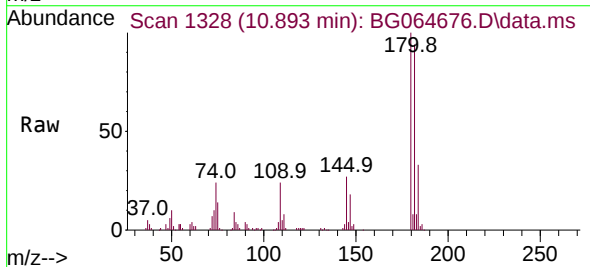
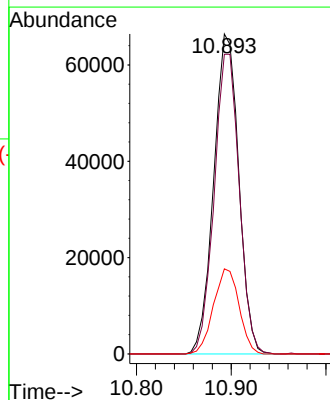
RT: 10.893 min Scan# 1328

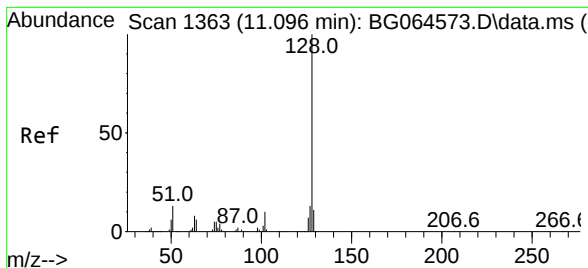
Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

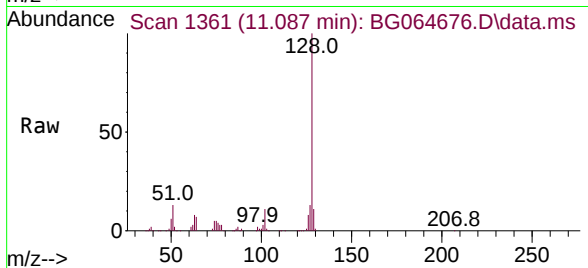
Tgt Ion:180 Resp: 121635  
 Ion Ratio Lower Upper  
 180 100  
 182 93.6 76.9 115.3  
 145 26.6 22.1 33.1





#31  
Naphthalene  
Concen: 41.495 ng  
RT: 11.087 min Scan# 1361  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

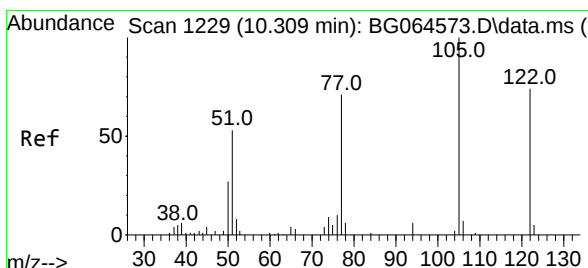
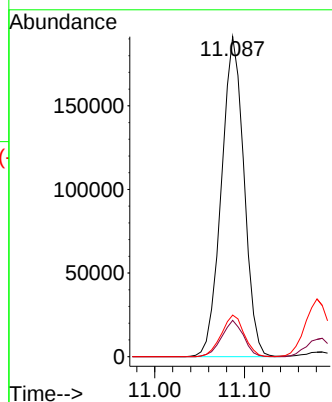
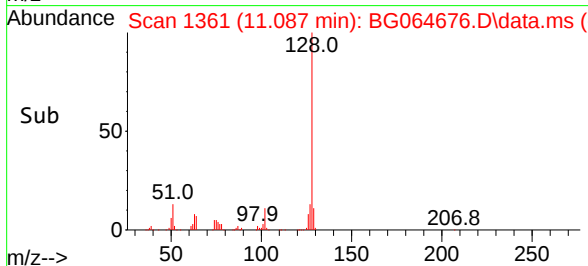
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:128 Resp: 334845  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.0 10.6 15.8

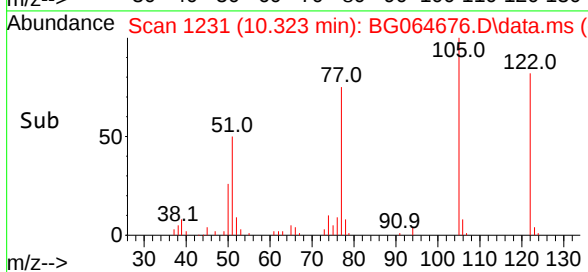
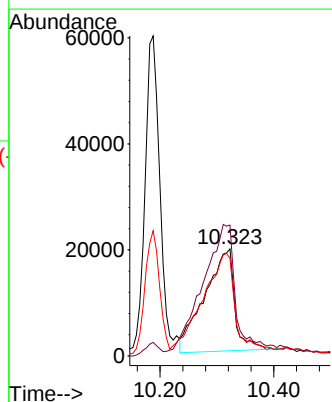
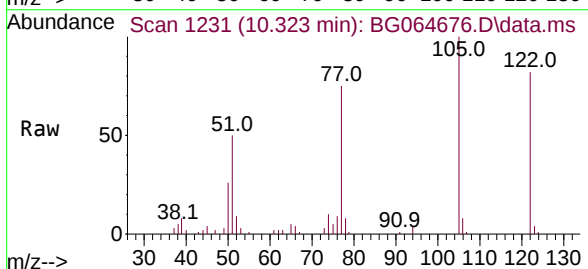
Manual Integrations  
APPROVED

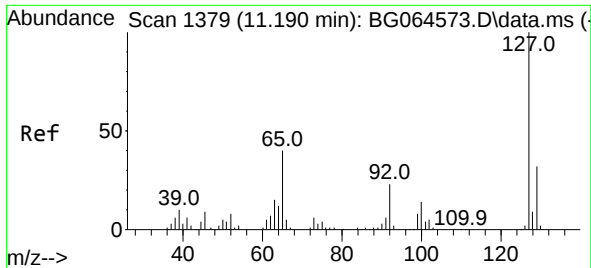
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#32  
Benzoic acid  
Concen: 43.592 ng  
RT: 10.323 min Scan# 1231  
Delta R.T. 0.014 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:122 Resp: 70788  
Ion Ratio Lower Upper  
122 100  
105 122.3 104.2 144.2  
77 91.4 70.2 110.2





#33  
4-Chloroaniline  
Concen: 22.170 ng  
RT: 11.181 min Scan# 1379  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

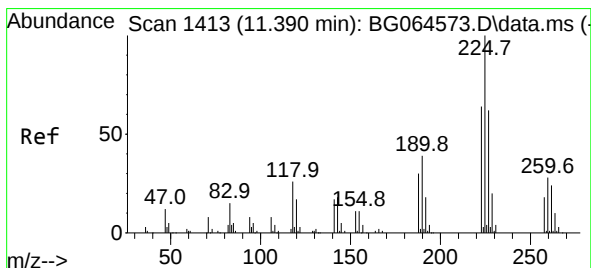
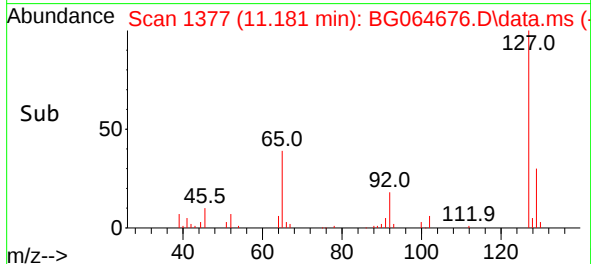
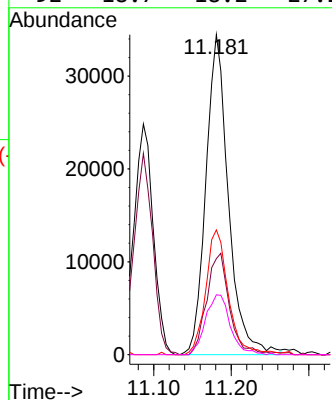
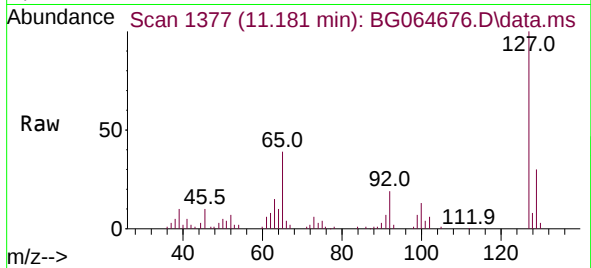
PB170216BS

Tgt Ion:127 Resp: 69535  
Ion Ratio Lower Upper  
127 100  
129 30.0 25.5 38.3  
65 39.0 32.2 48.4  
92 18.7 18.2 27.2

Manual Integrations

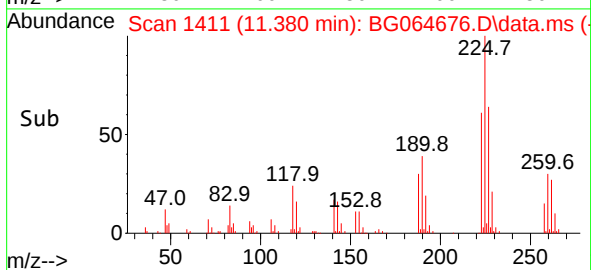
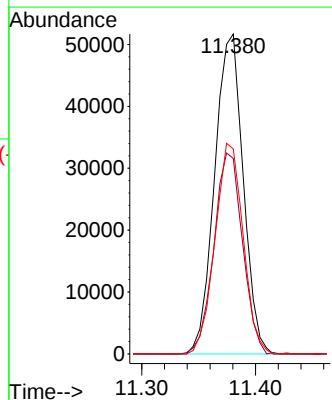
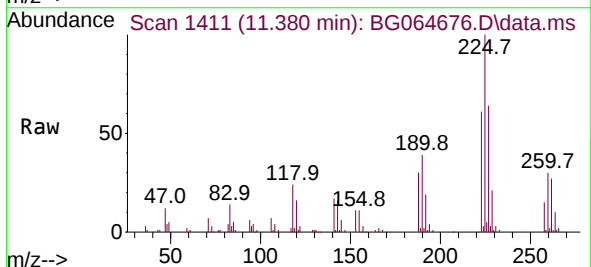
APPROVED

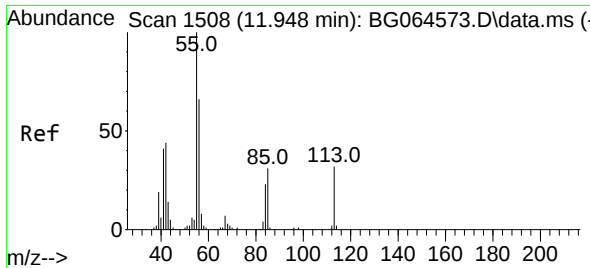
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#34  
Hexachlorobutadiene  
Concen: 43.553 ng  
RT: 11.380 min Scan# 1411  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

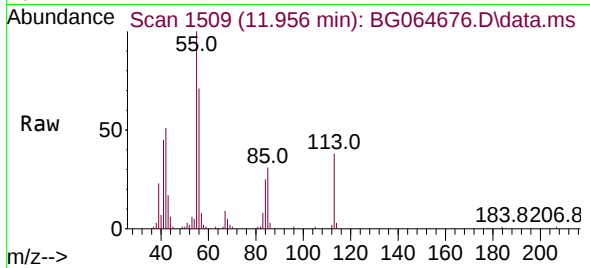
Tgt Ion:225 Resp: 90080  
Ion Ratio Lower Upper  
225 100  
223 58.4 48.8 73.2  
227 61.2 49.5 74.3





#35  
Caprolactam  
Concen: 40.296 ng m  
RT: 11.956 min Scan# 11  
Delta R.T. 0.008 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

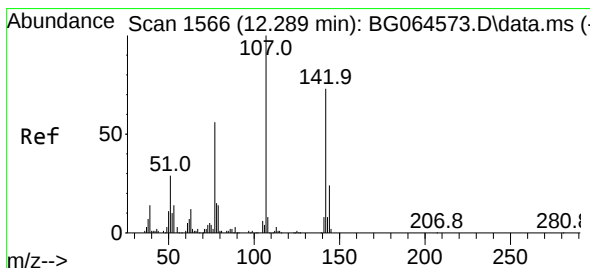
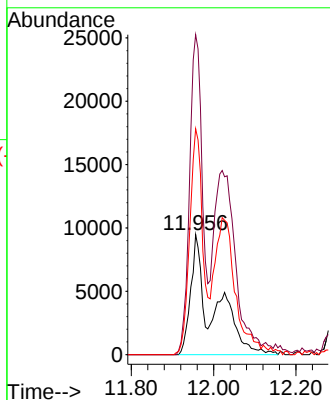
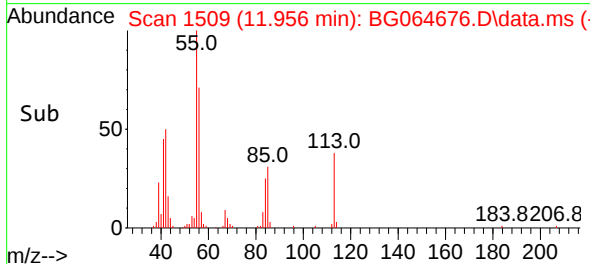
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:113 Resp: 35975  
Ion Ratio Lower Upper  
113 100  
55 266.4 290.1 330.1  
56 188.0 183.8 223.8

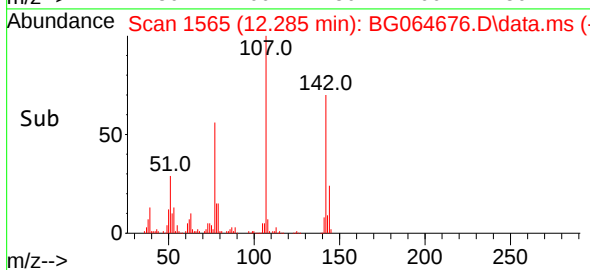
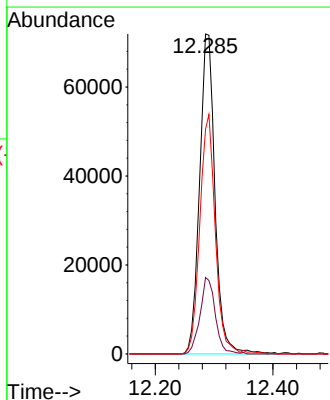
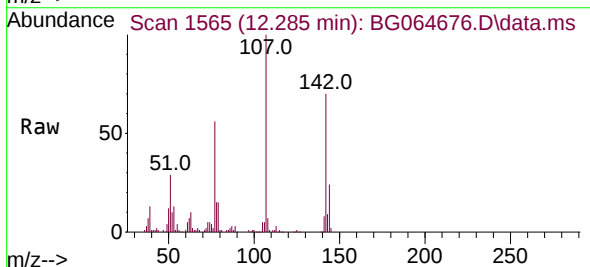
Manual Integrations  
APPROVED

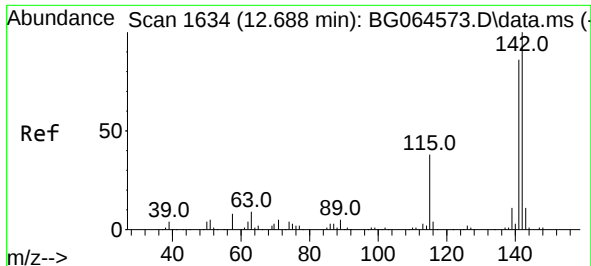
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#36  
4-Chloro-3-methylphenol  
Concen: 46.753 ng  
RT: 12.285 min Scan# 1565  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

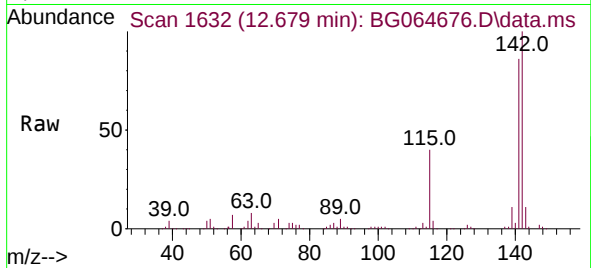
Tgt Ion:107 Resp: 130812  
Ion Ratio Lower Upper  
107 100  
144 23.9 19.1 28.7  
142 70.2 58.6 87.8





#37  
2-Methylnaphthalene  
Concen: 39.067 ng  
RT: 12.679 min Scan# 1632  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

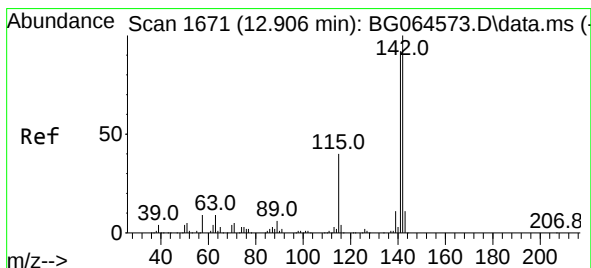
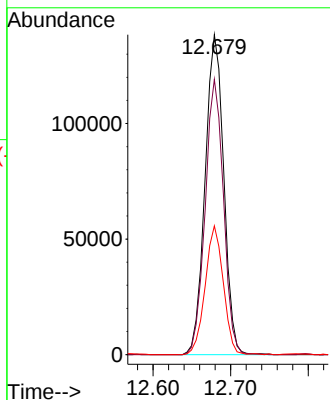
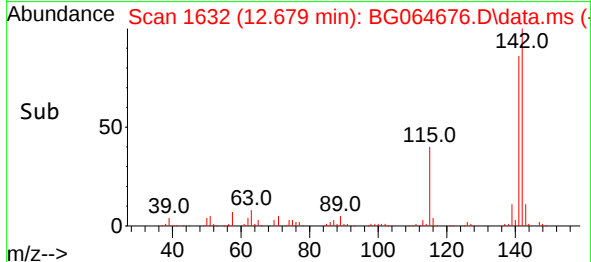
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



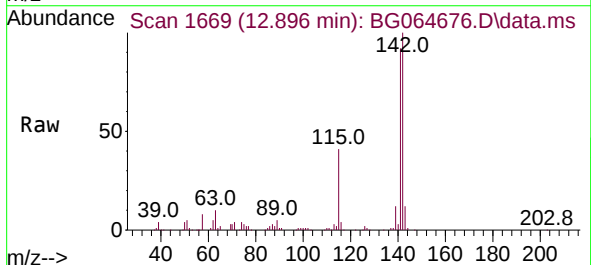
Tgt Ion:142 Resp: 231452  
Ion Ratio Lower Upper  
142 100  
141 86.0 68.9 103.3  
115 40.2 30.6 46.0

Manual Integrations  
APPROVED

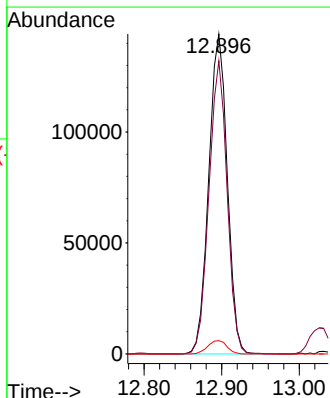
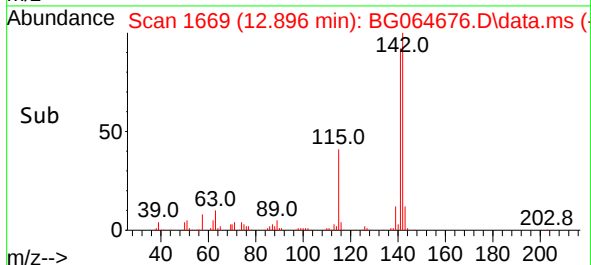
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

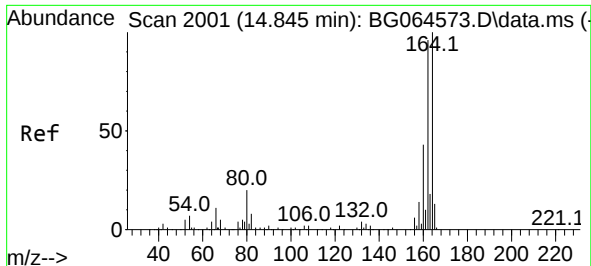


#38  
1-Methylnaphthalene  
Concen: 40.800 ng  
RT: 12.896 min Scan# 1669  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:142 Resp: 239296  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.3 109.9  
116 4.1 3.1 4.7





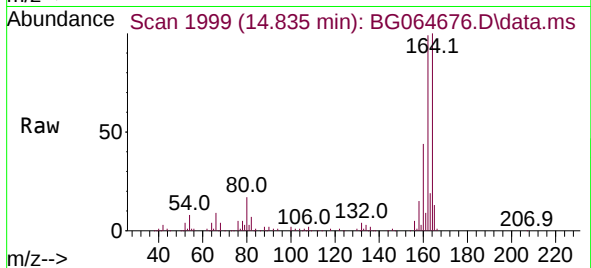
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.835 min Scan# 1999  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

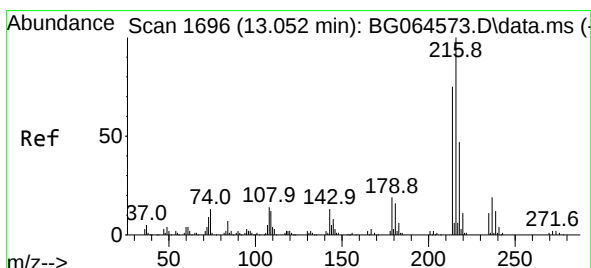
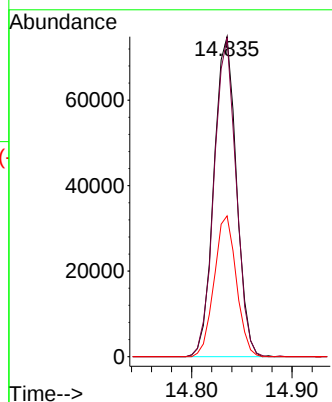
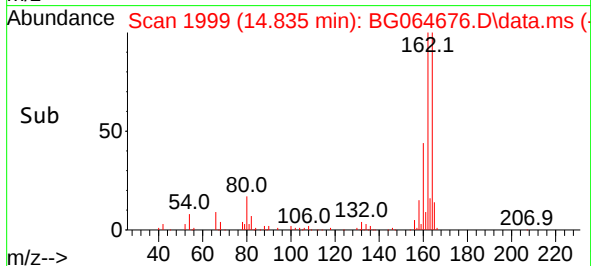


Tgt Ion:164 Resp: 116501  
Ion Ratio Lower Upper  
164 100  
162 99.5 77.0 115.6  
160 44.0 34.4 51.6

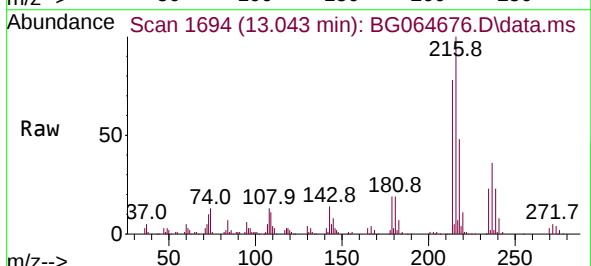
Manual Integrations

APPROVED

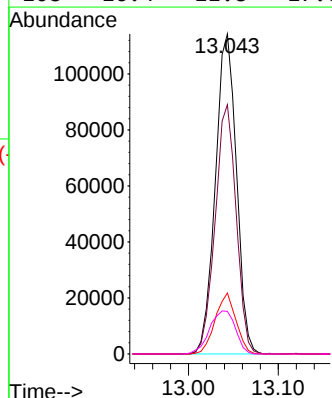
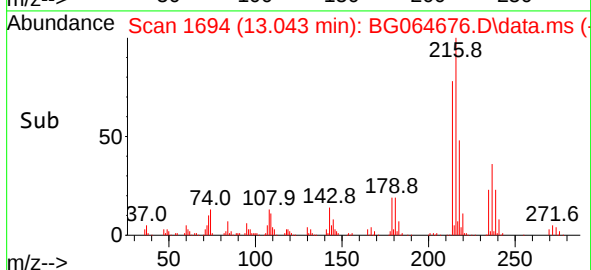
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

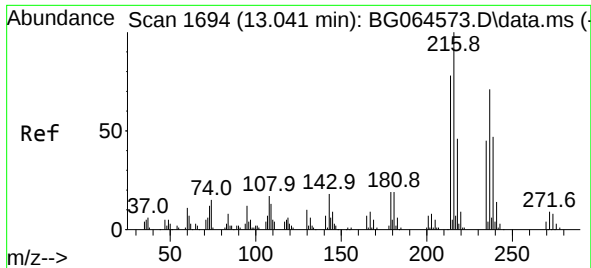


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.785 ng  
RT: 13.043 min Scan# 1694  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



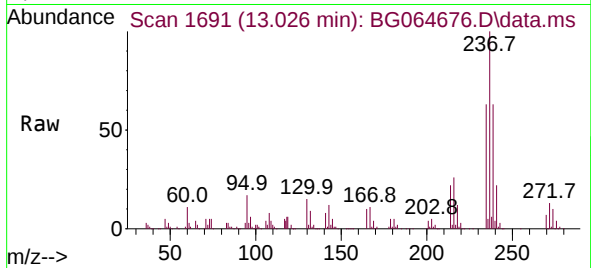
Tgt Ion:216 Resp: 186832  
Ion Ratio Lower Upper  
216 100  
214 77.5 61.4 92.2  
179 18.7 15.4 23.0  
108 16.4 11.8 17.6





#41  
Hexachlorocyclopentadiene  
Concen: 131.068 ng  
RT: 13.026 min Scan# 1691  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

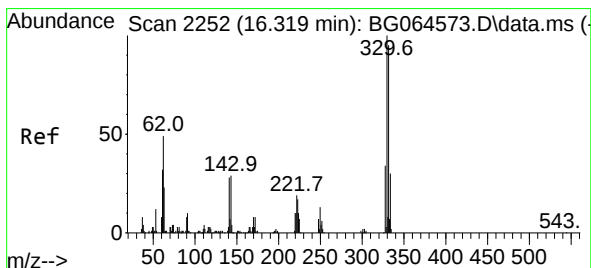
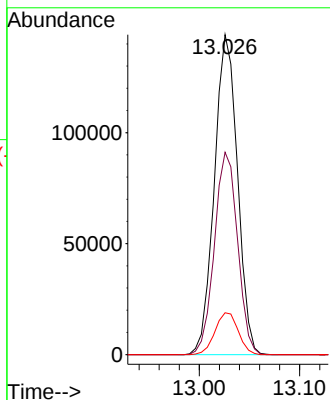
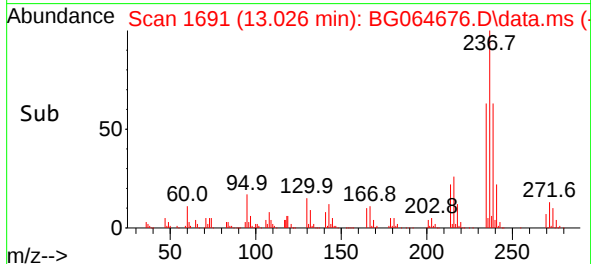
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:237 Resp: 230660  
Ion Ratio Lower Upper  
237 100  
235 63.2 44.1 84.1  
272 13.1 0.0 32.4

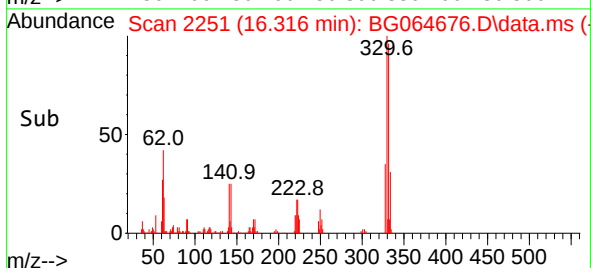
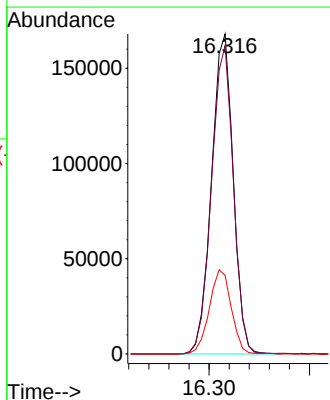
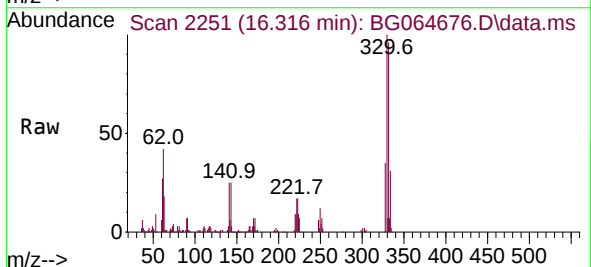
Manual Integrations  
APPROVED

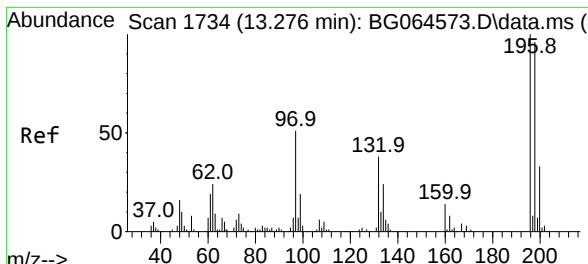
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#42  
2,4,6-Tribromophenol  
Concen: 150.108 ng  
RT: 16.316 min Scan# 2251  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

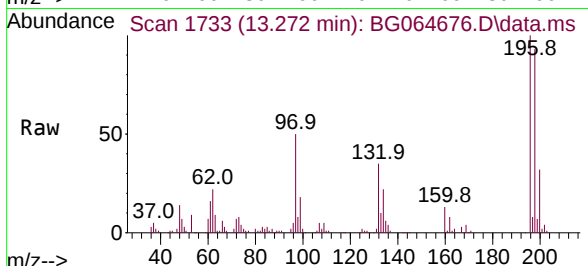
Tgt Ion:330 Resp: 252401  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.0 117.0  
141 26.5 21.8 32.6





#43  
2,4,6-Trichlorophenol  
Concen: 51.168 ng  
RT: 13.272 min Scan# 1733  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

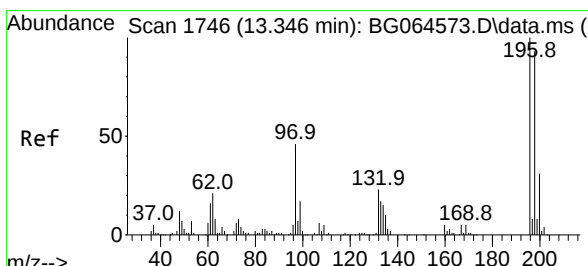
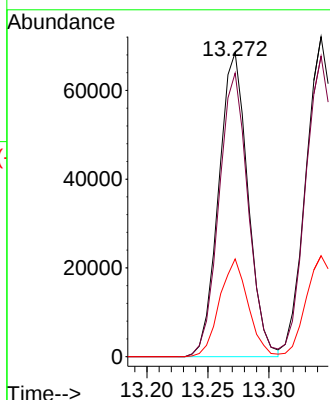
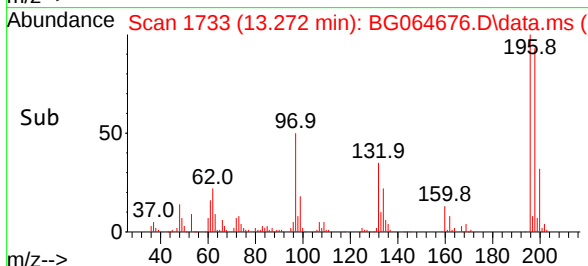
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



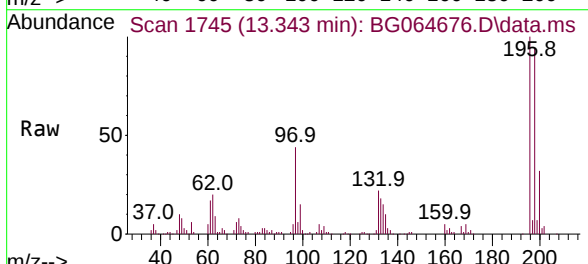
Tgt Ion:196 Resp: 114435  
Ion Ratio Lower Upper  
196 100  
198 93.3 76.6 115.0  
200 32.1 26.0 39.0

Manual Integrations  
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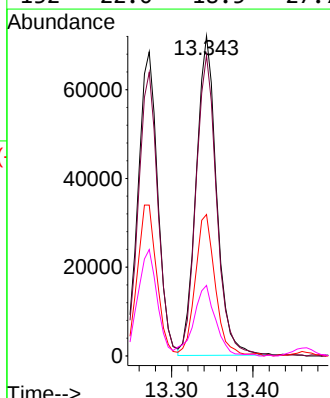
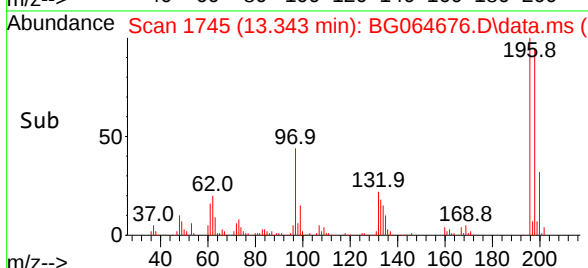
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

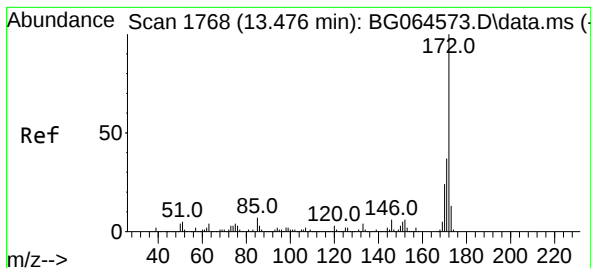


#44  
2,4,5-Trichlorophenol  
Concen: 48.910 ng  
RT: 13.343 min Scan# 1745  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:196 Resp: 126231  
Ion Ratio Lower Upper  
196 100  
198 93.9 74.2 111.4  
97 44.2 37.0 55.6  
132 22.0 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 80.937 ng

RT: 13.460 min Scan# 1768

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

Tgt Ion:172 Resp: 622088

Ion Ratio Lower Upper

172 100

171 37.4 29.4 44.0

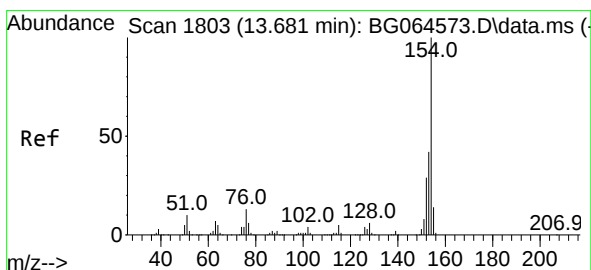
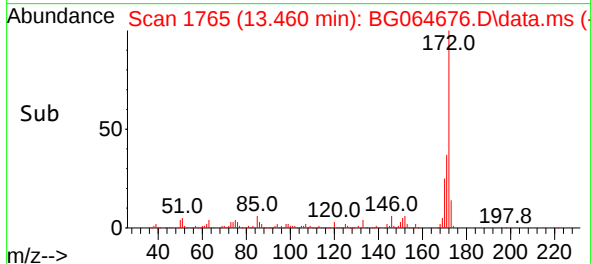
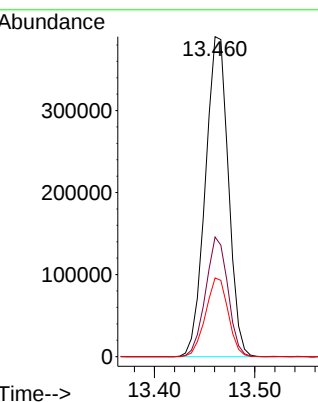
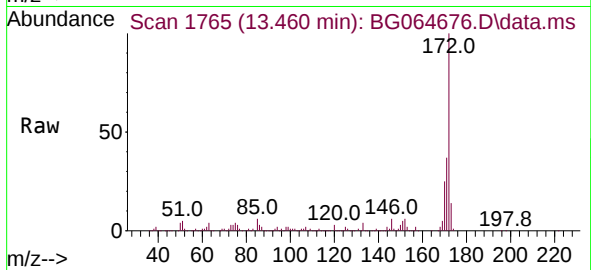
170 24.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025

Supervised By :mohammad ahmed 11/05/2025



#46

1,1'-Biphenyl

Concen: 47.380 ng

RT: 13.672 min Scan# 1801

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

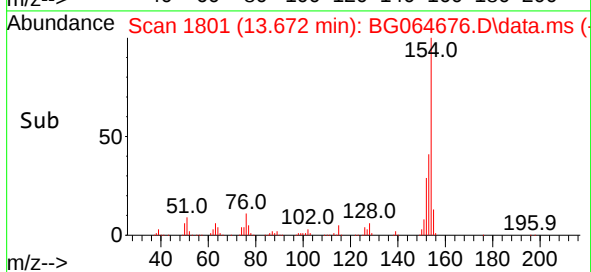
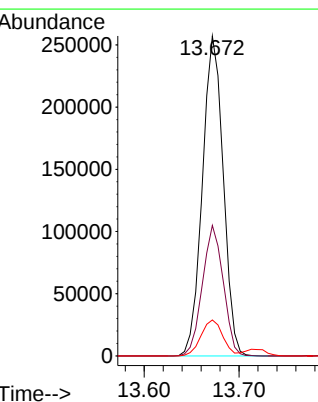
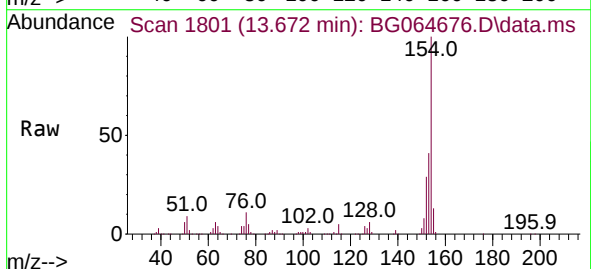
Tgt Ion:154 Resp: 392423

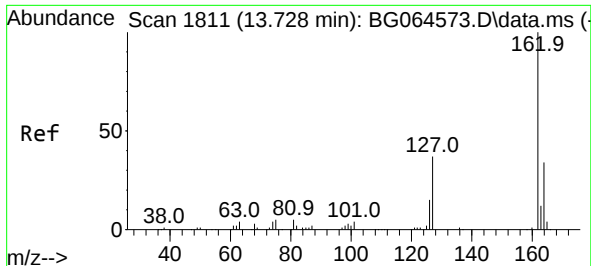
Ion Ratio Lower Upper

154 100

153 40.8 22.4 62.4

76 11.2 0.0 33.5





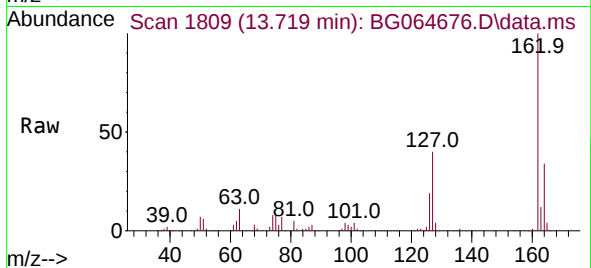
#47  
2-Chloronaphthalene  
Concen: 43.180 ng  
RT: 13.719 min Scan# 1811  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

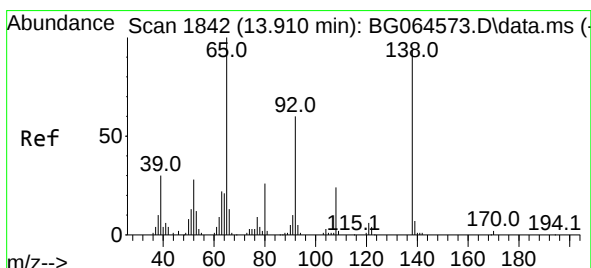
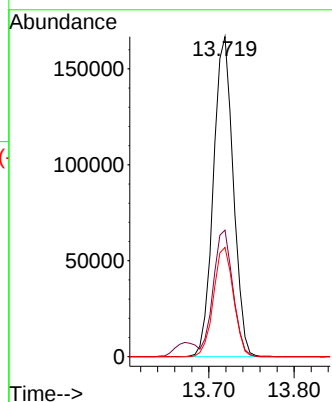
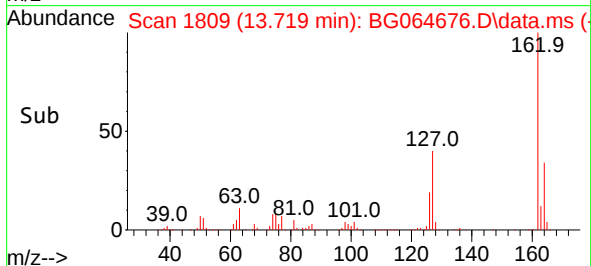


Tgt Ion:162 Resp: 269956  
Ion Ratio Lower Upper  
162 100  
127 39.5 32.2 48.2  
164 34.1 27.5 41.3

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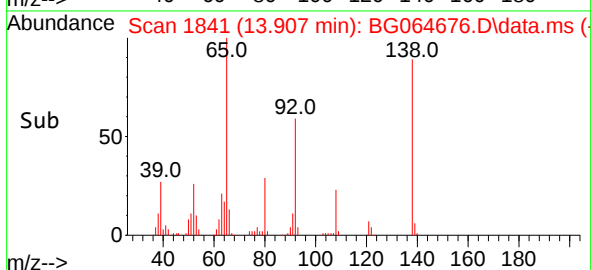
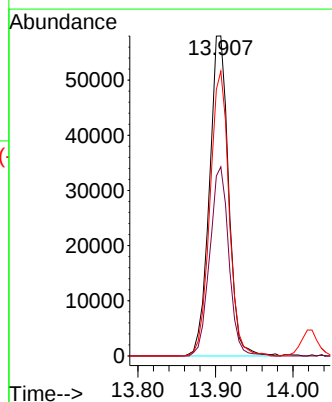
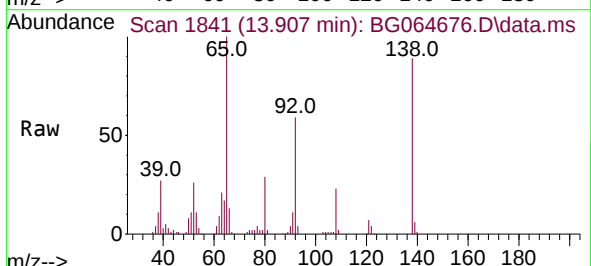
APPROVED

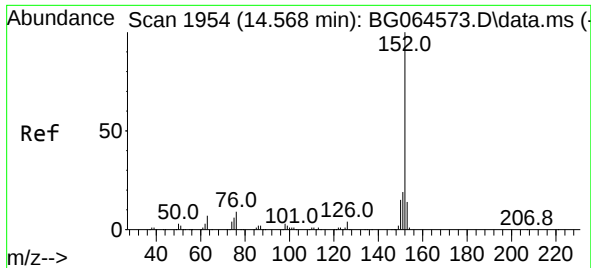
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#48  
2-Nitroaniline  
Concen: 47.519 ng  
RT: 13.907 min Scan# 1841  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

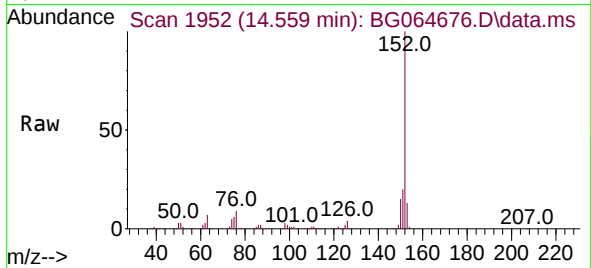
Tgt Ion: 65 Resp: 99659  
Ion Ratio Lower Upper  
65 100  
92 59.1 48.3 72.5  
138 89.0 74.9 112.3





#49  
Acenaphthylene  
Concen: 48.889 ng  
RT: 14.559 min Scan# 1954  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

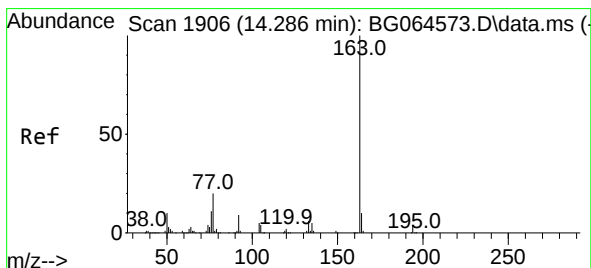
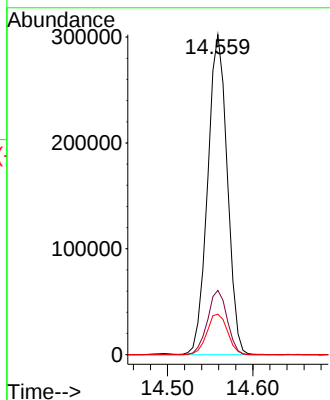
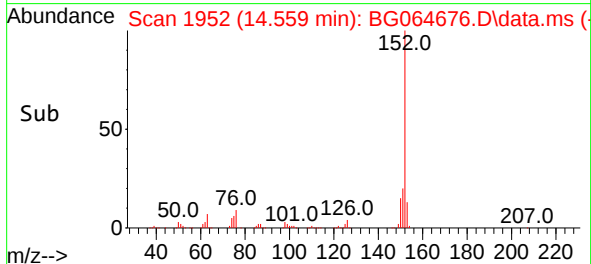
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



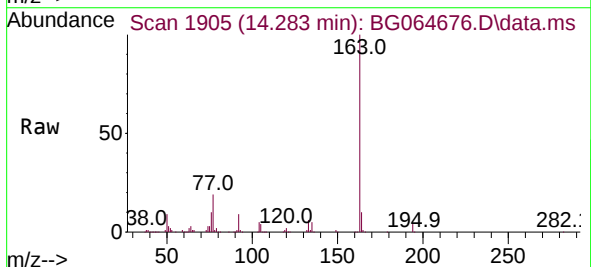
Tgt Ion:152 Resp: 482102  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.4 23.2  
153 12.6 11.0 16.4

Manual Integrations  
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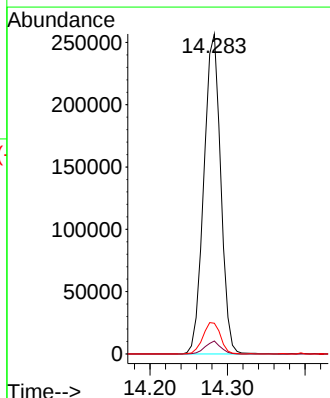
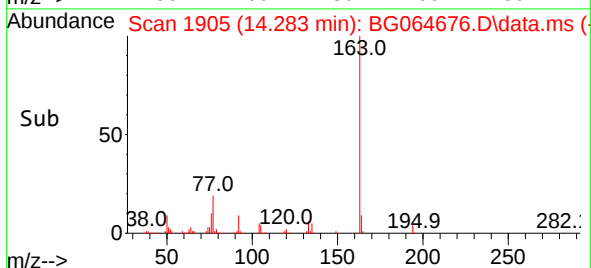
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

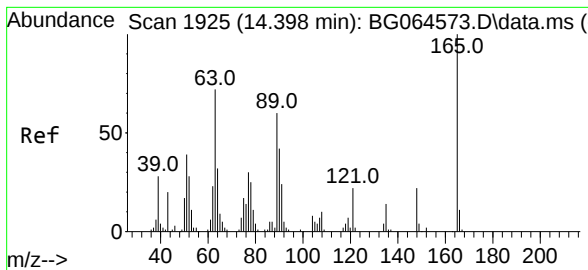


#50  
Dimethylphthalate  
Concen: 43.377 ng  
RT: 14.283 min Scan# 1905  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:163 Resp: 386687  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.8 4.2  
164 9.6 7.7 11.5





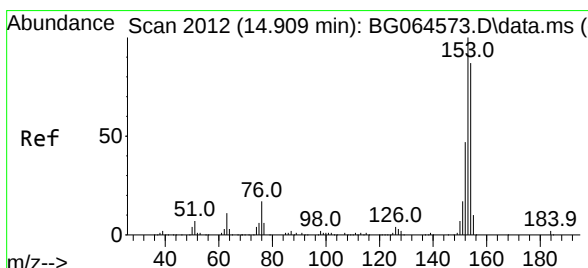
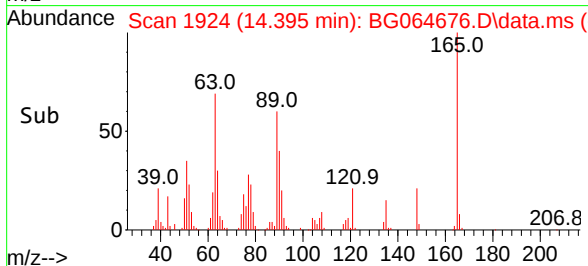
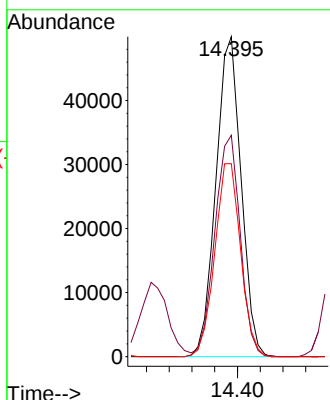
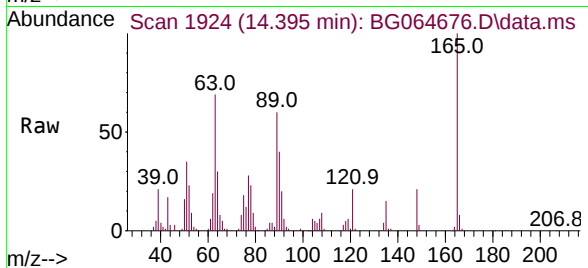
#51  
2,6-Dinitrotoluene  
Concen: 51.908 ng  
RT: 14.395 min Scan# 1925  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

Tgt Ion:165 Resp: 76763  
Ion Ratio Lower Upper  
165 100  
63 69.2 57.4 86.0  
89 60.3 47.8 71.8

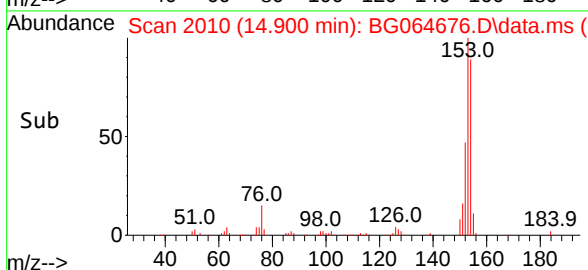
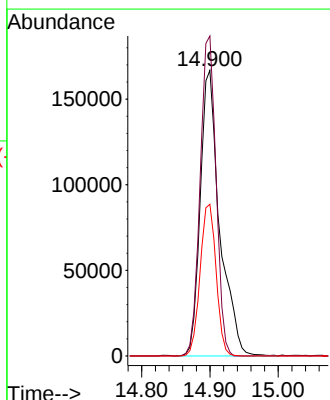
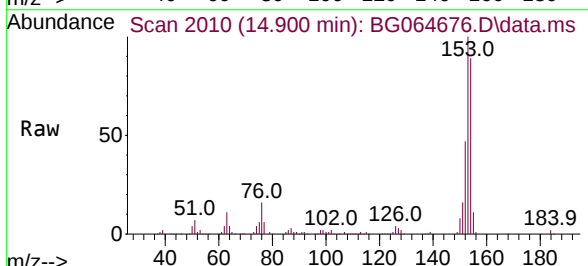
Manual Integrations  
APPROVED

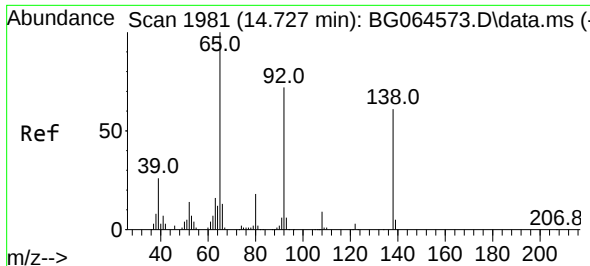
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#52  
Acenaphthene  
Concen: 49.061 ng  
RT: 14.900 min Scan# 2010  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

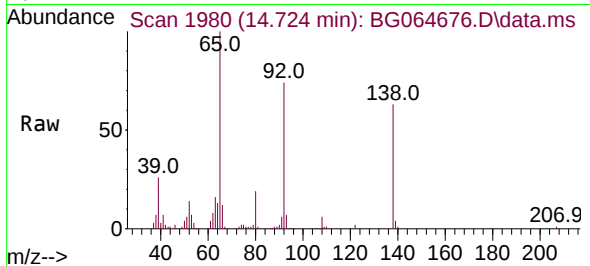
Tgt Ion:154 Resp: 330536  
Ion Ratio Lower Upper  
154 100  
153 112.1 92.2 138.4  
152 53.1 43.2 64.8





#53  
3-Nitroaniline  
Concen: 36.990 ng  
RT: 14.724 min Scan# 1981  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

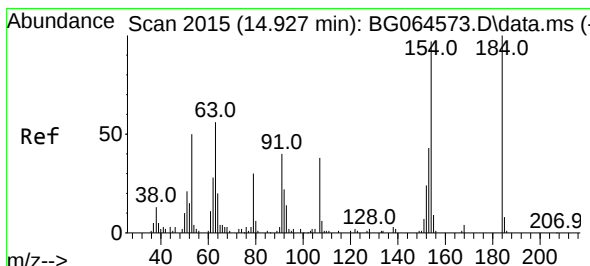
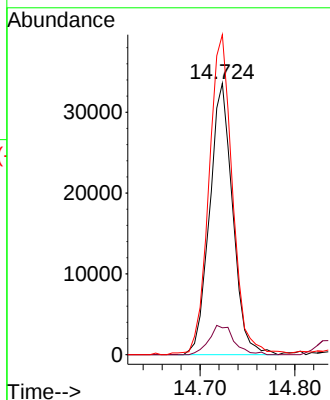
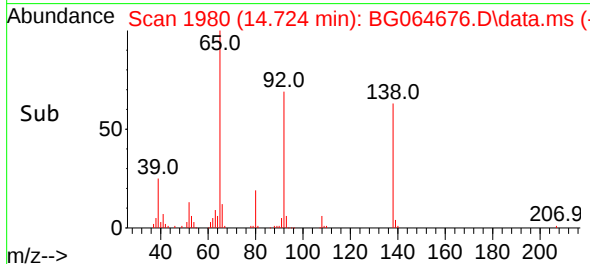
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:138 Resp: 56670  
Ion Ratio Lower Upper  
138 100  
108 9.9 11.4 17.0  
92 118.0 95.3 142.9

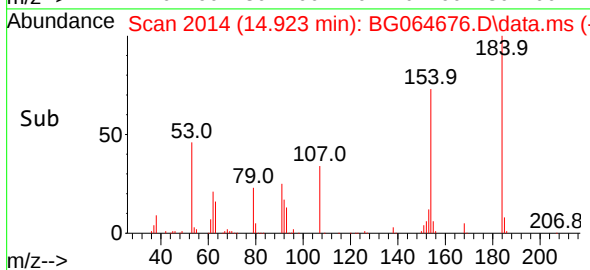
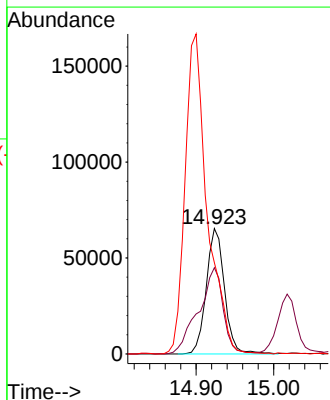
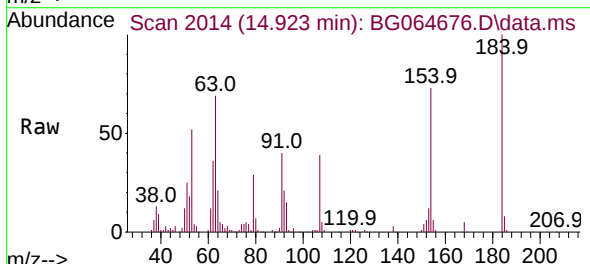
Manual Integrations  
APPROVED

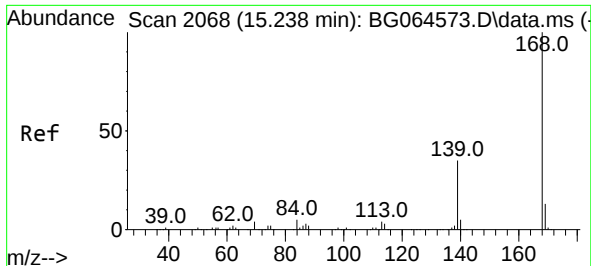
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#54  
2,4-Dinitrophenol  
Concen: 115.262 ng  
RT: 14.923 min Scan# 2014  
Delta R.T. -0.004 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

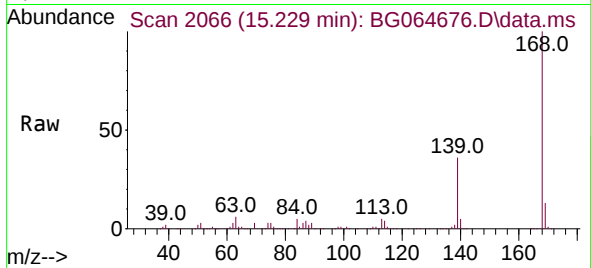
Tgt Ion:184 Resp: 106418  
Ion Ratio Lower Upper  
184 100  
63 68.8 56.6 85.0  
154 72.9 158.6 238.0#





#55  
Dibenzenofuran  
Concen: 42.663 ng  
RT: 15.229 min Scan# 2068  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

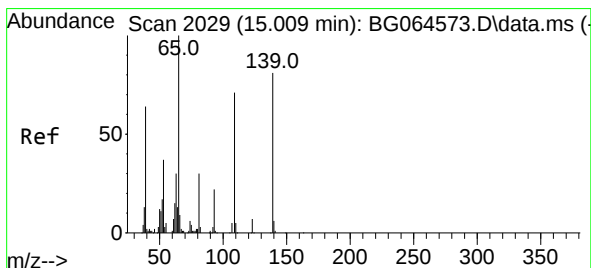
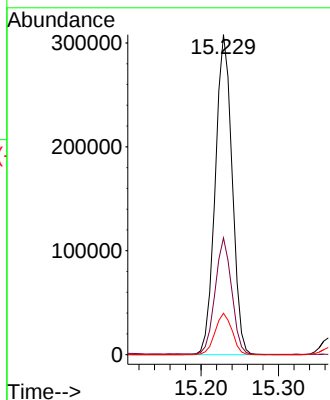
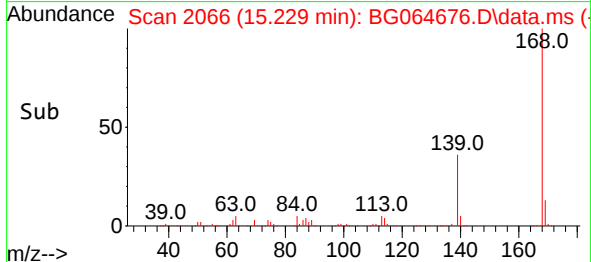
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:168 Resp: 464689  
Ion Ratio Lower Upper  
168 100  
139 36.5 27.8 41.8  
169 12.9 10.3 15.5

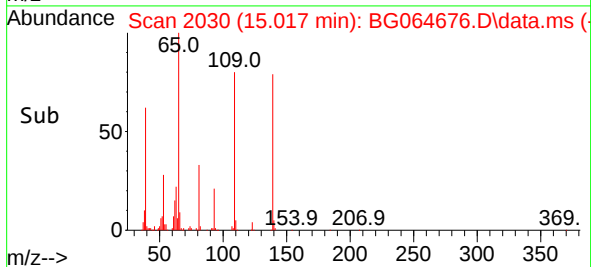
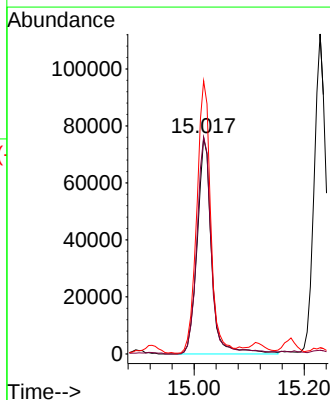
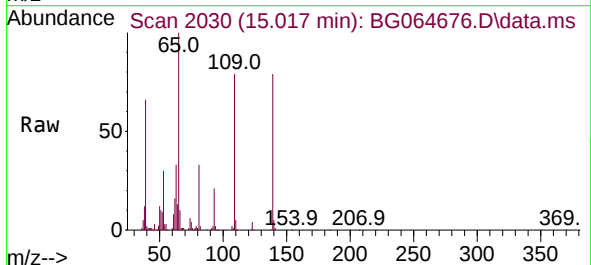
Manual Integrations  
APPROVED

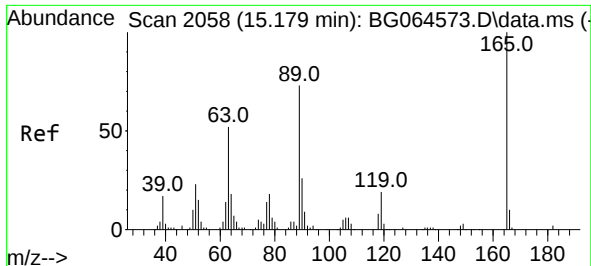
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#56  
4-Nitrophenol  
Concen: 95.740 ng  
RT: 15.017 min Scan# 2030  
Delta R.T. 0.008 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:139 Resp: 135990  
Ion Ratio Lower Upper  
139 100  
109 100.5 67.8 107.8  
65 126.6 103.7 143.7





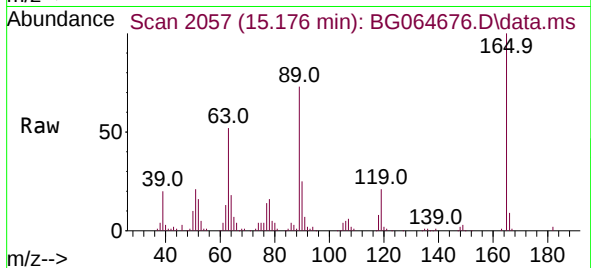
#57  
2,4-Dinitrotoluene  
Concen: 51.368 ng  
RT: 15.176 min Scan# 2057  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

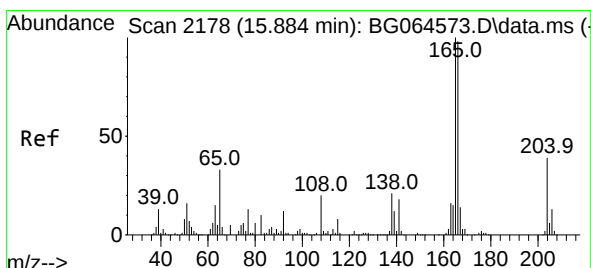
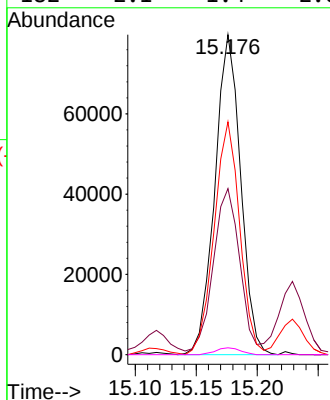
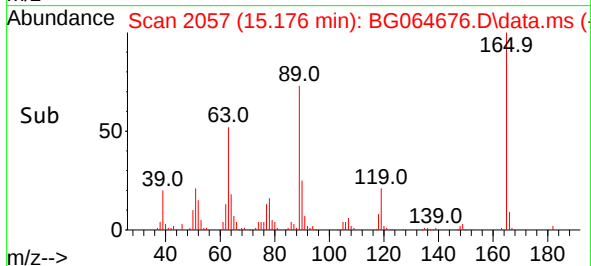


Tgt Ion:165 Resp: 117345  
Ion Ratio Lower Upper  
165 100  
63 51.9 41.8 62.8  
89 72.7 58.1 87.1  
182 2.1 1.4 2.0#

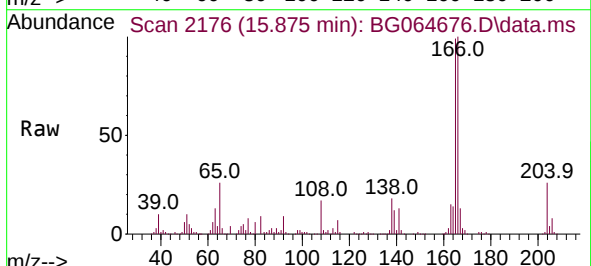
Manual Integrations

APPROVED

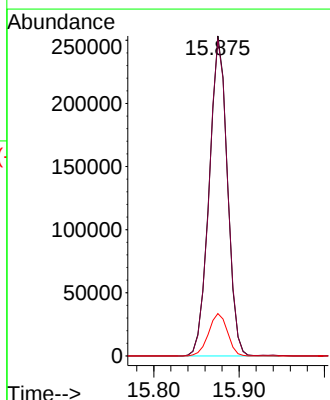
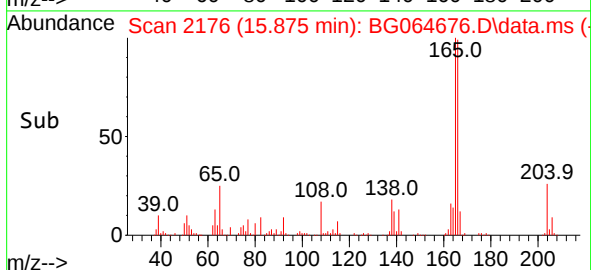
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

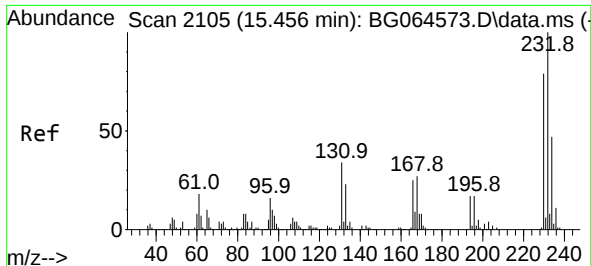


#58  
Fluorene  
Concen: 44.050 ng  
RT: 15.875 min Scan# 2176  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:166 Resp: 374710  
Ion Ratio Lower Upper  
166 100  
165 98.8 81.5 122.3  
167 13.2 11.4 17.0





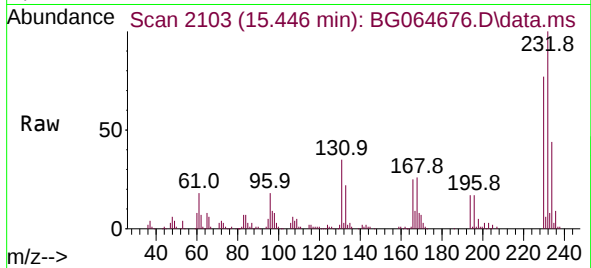
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.030 ng  
RT: 15.446 min Scan# 2105  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

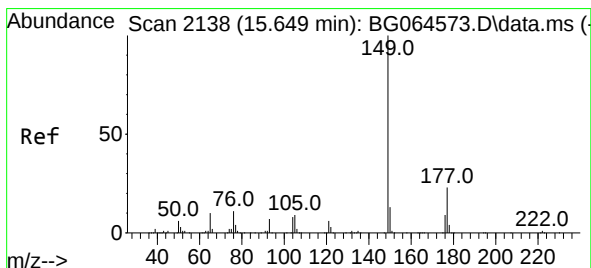
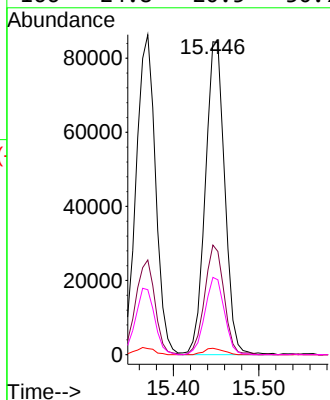
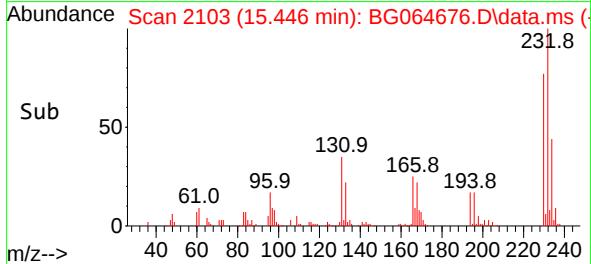


Tgt Ion:232 Resp: 133345  
Ion Ratio Lower Upper  
232 100  
131 34.9 26.7 40.1  
130 2.0 1.6 2.4  
166 24.8 20.5 30.7

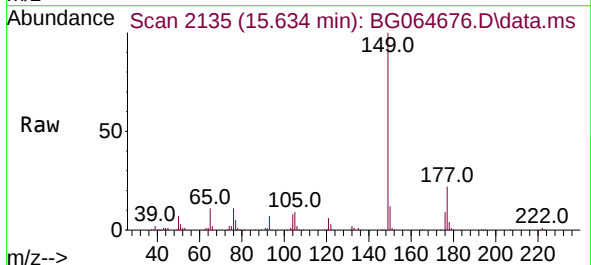
Manual Integrations

APPROVED

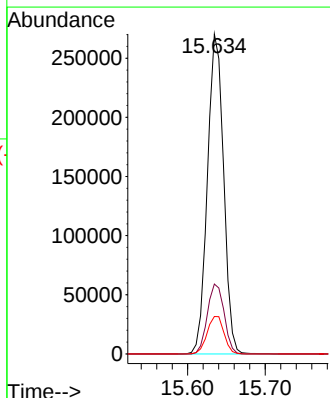
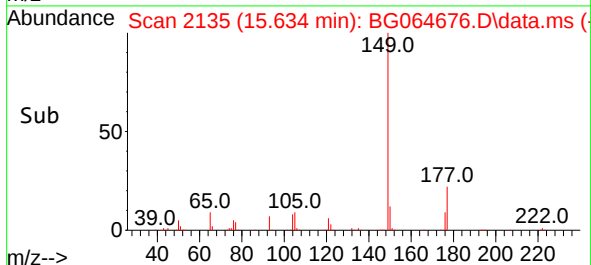
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

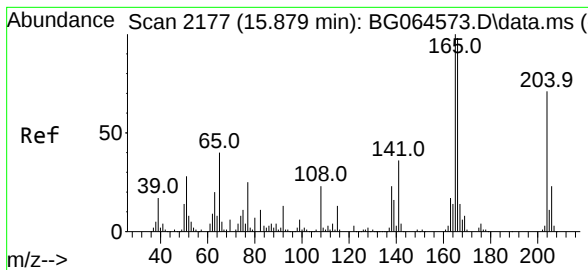


#60  
Diethylphthalate  
Concen: 43.016 ng  
RT: 15.634 min Scan# 2135  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



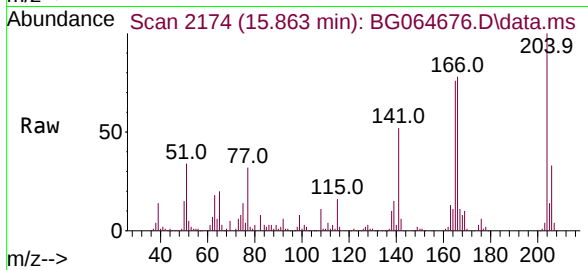
Tgt Ion:149 Resp: 391543  
Ion Ratio Lower Upper  
149 100  
177 21.8 18.0 27.0  
150 11.7 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 44.003 ng  
RT: 15.863 min Scan# 2174  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

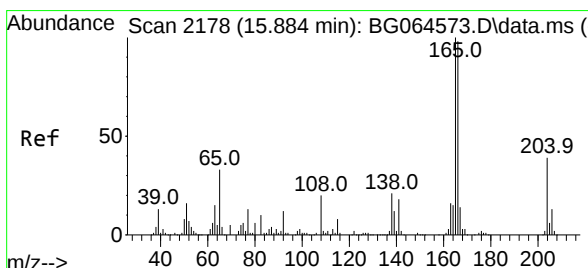
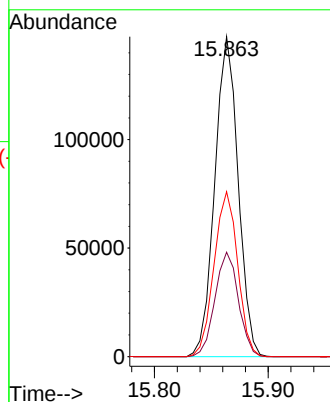
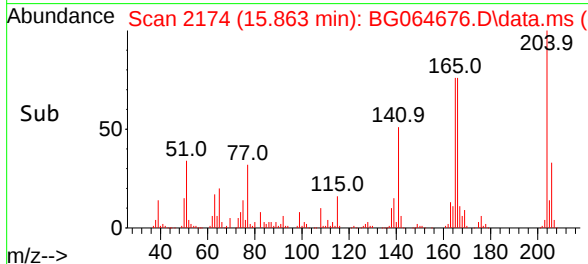
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



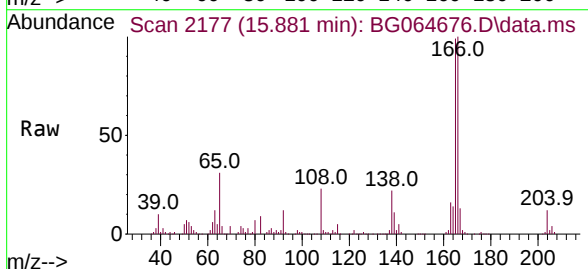
Tgt Ion:204 Resp: 21052  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.6 38.4  
141 51.5 40.6 60.8

Manual Integrations  
APPROVED

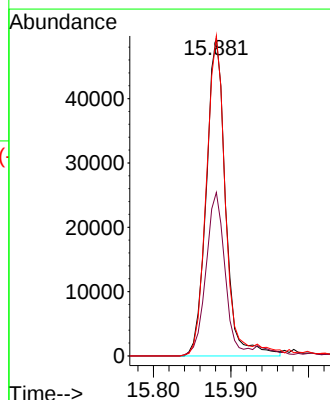
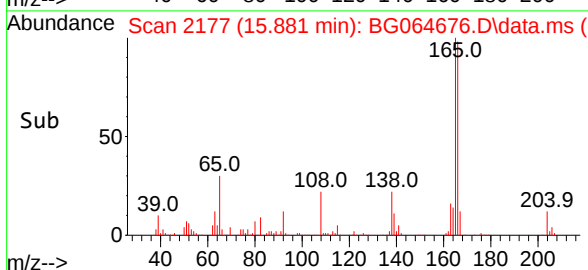
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

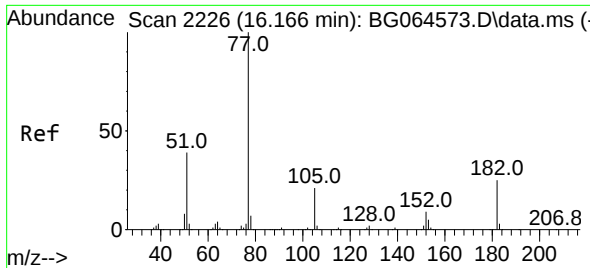


#62  
4-Nitroaniline  
Concen: 49.948 ng  
RT: 15.881 min Scan# 2177  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



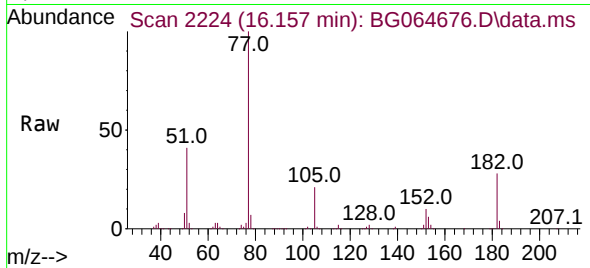
Tgt Ion:138 Resp: 85132  
Ion Ratio Lower Upper  
138 100  
92 51.4 36.1 76.1  
108 100.7 75.6 115.6





#63  
Azobenzene  
Concen: 41.973 ng  
RT: 16.157 min Scan# 2224  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

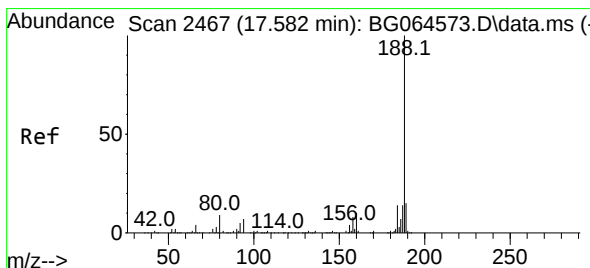
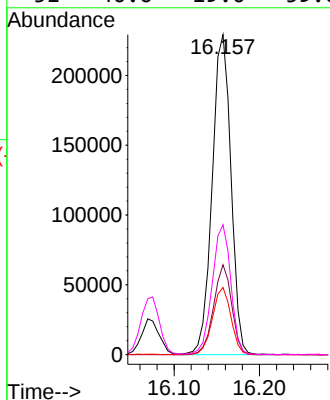
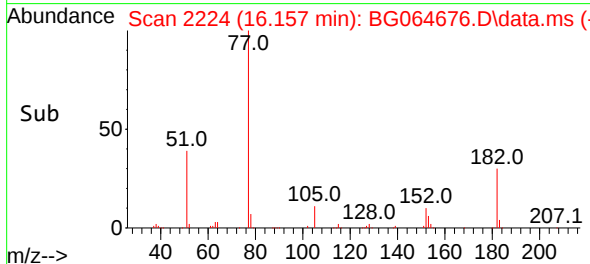
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion: 77 Resp: 350545  
Ion Ratio Lower Upper  
77 100  
182 28.1 4.9 44.9  
105 21.0 1.3 41.3  
51 40.6 19.0 59.0

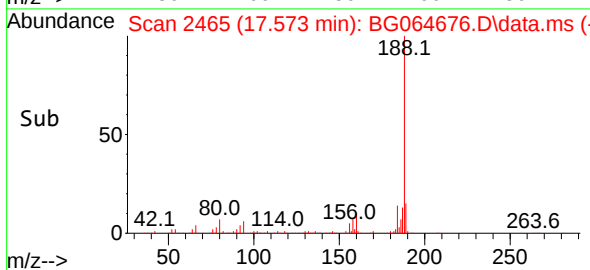
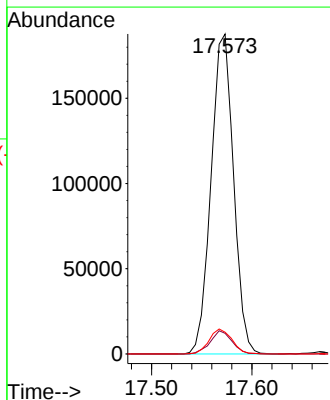
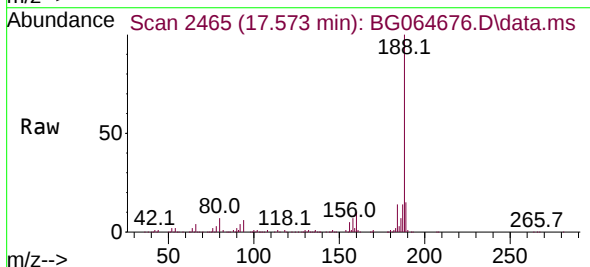
Manual Integrations  
APPROVED

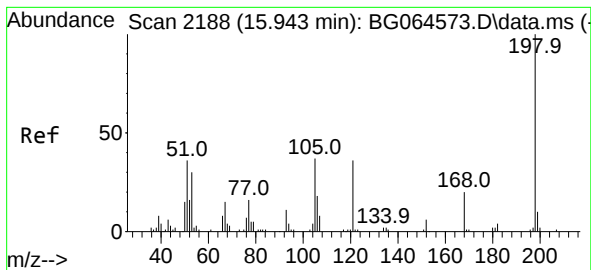
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.573 min Scan# 2465  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

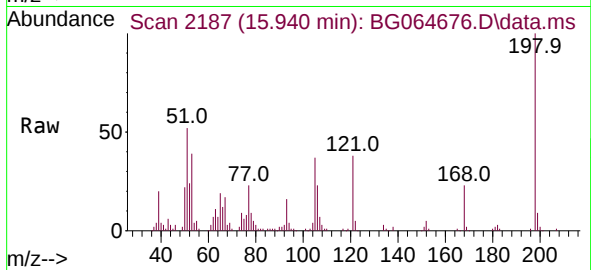
Tgt Ion:188 Resp: 291857  
Ion Ratio Lower Upper  
188 100  
94 6.4 5.7 8.5  
80 6.8 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 58.254 ng  
RT: 15.940 min Scan# 2188  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

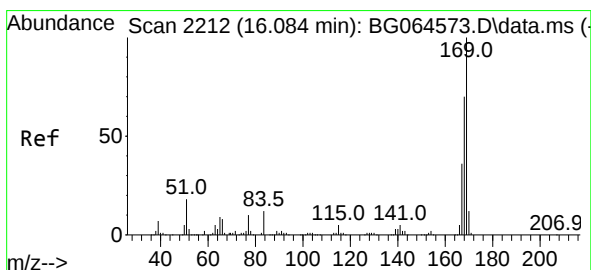
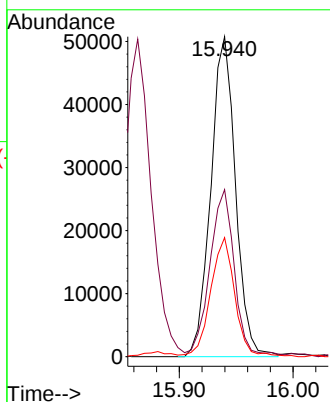
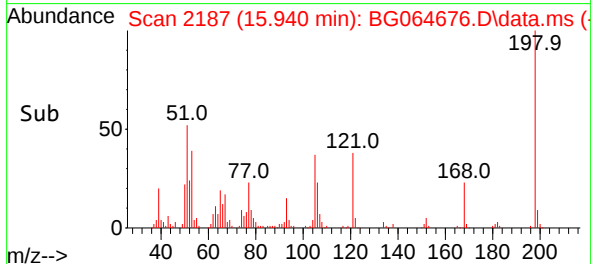
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



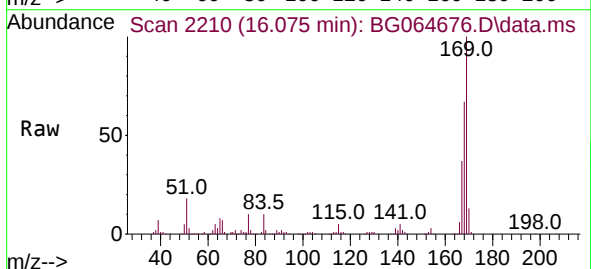
Tgt Ion:198 Resp: 76492  
Ion Ratio Lower Upper  
198 100  
51 52.2 24.7 64.7  
105 37.2 18.0 58.0

Manual Integrations  
APPROVED

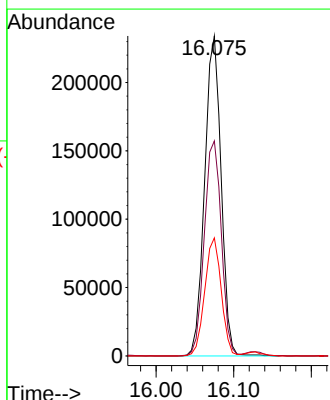
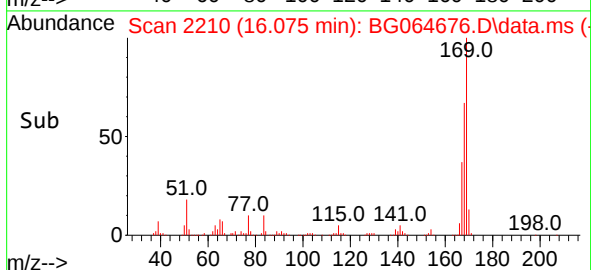
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

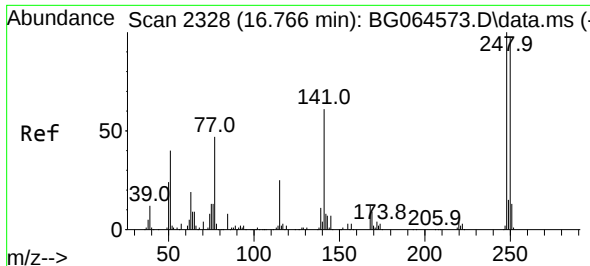


#66  
n-Nitrosodiphenylamine  
Concen: 43.713 ng  
RT: 16.075 min Scan# 2210  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



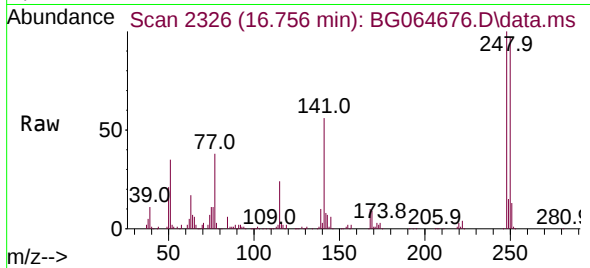
Tgt Ion:169 Resp: 344623  
Ion Ratio Lower Upper  
169 100  
168 67.2 56.3 84.5  
167 36.9 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 45.076 ng  
RT: 16.756 min Scan# 2326  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

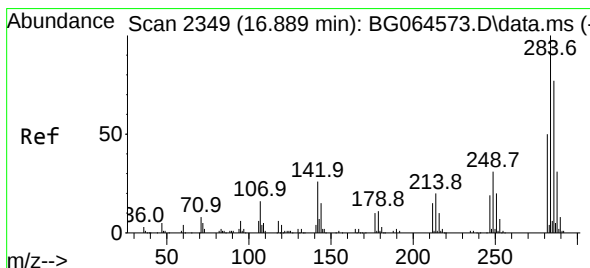
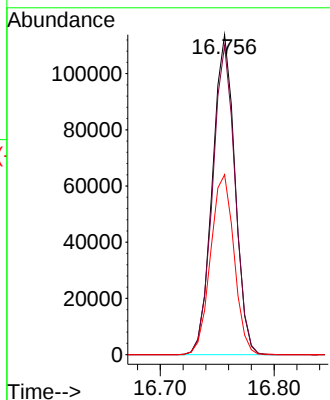
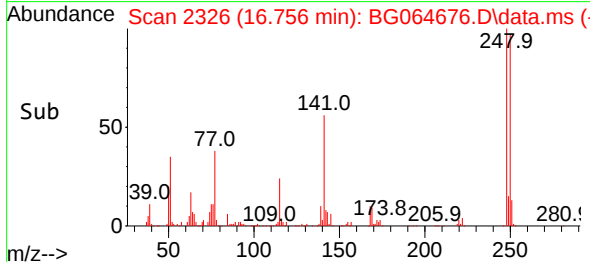
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



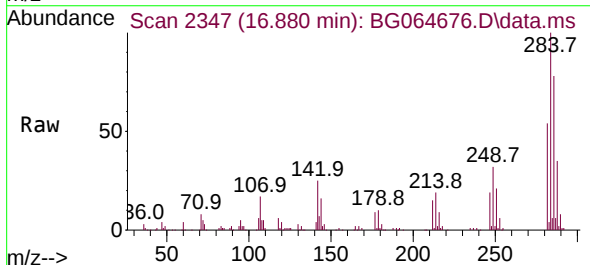
Tgt Ion:248 Resp: 155902  
Ion Ratio Lower Upper  
248 100  
250 96.6 77.7 116.5  
141 56.2 48.6 72.8

Manual Integrations  
APPROVED

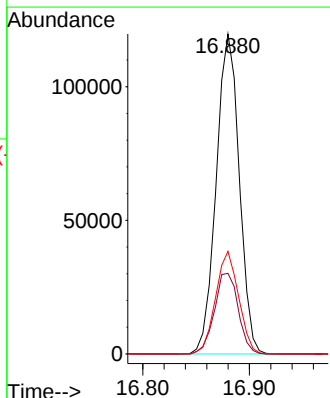
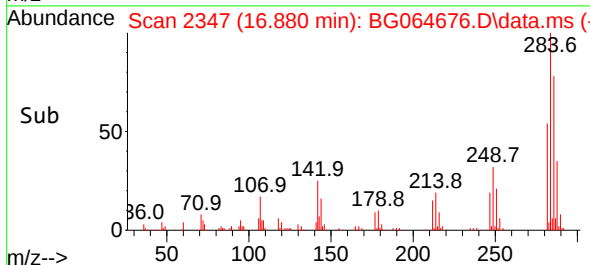
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

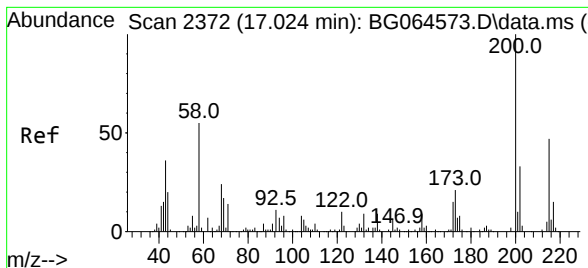


#68  
Hexachlorobenzene  
Concen: 45.539 ng  
RT: 16.880 min Scan# 2347  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:284 Resp: 179683  
Ion Ratio Lower Upper  
284 100  
142 25.2 21.0 31.6  
249 32.0 24.9 37.3





#69

Atrazine

Concen: 47.425 ng

RT: 17.015 min Scan# 2372

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

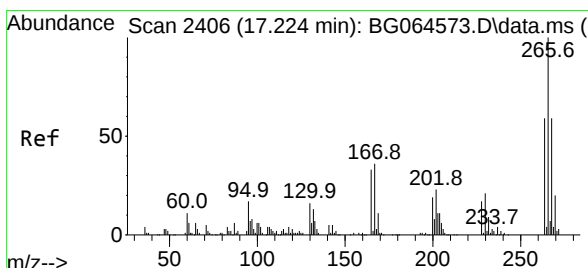
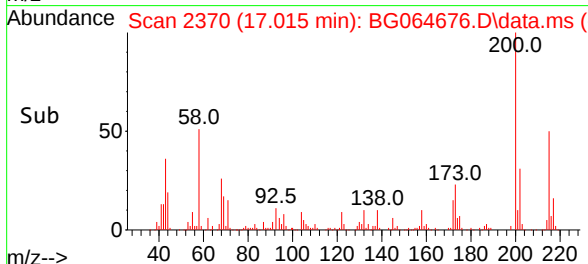
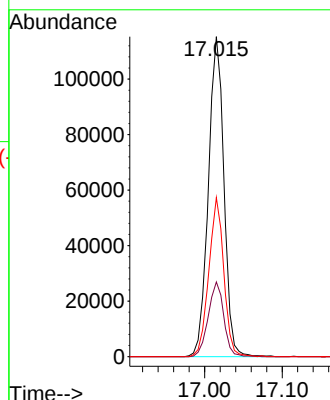
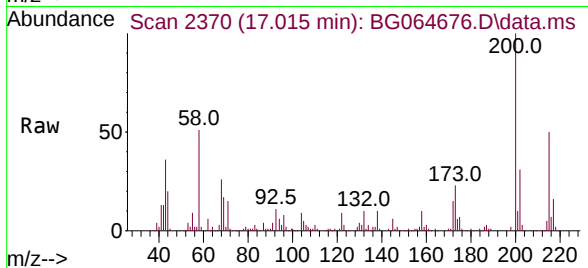
PB170216BS

Tgt Ion:200 Resp: 160899  
 Ion Ratio Lower Upper  
 200 100  
 173 23.3 0.9 40.9  
 215 49.7 27.0 67.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025  
 Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 100.175 ng

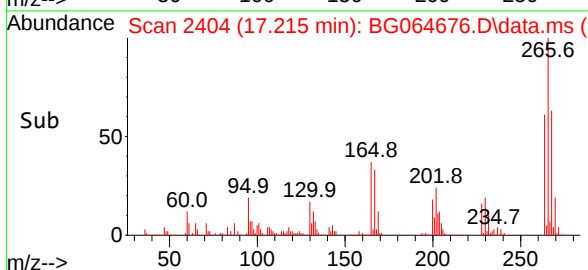
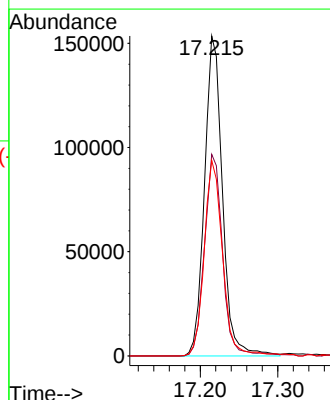
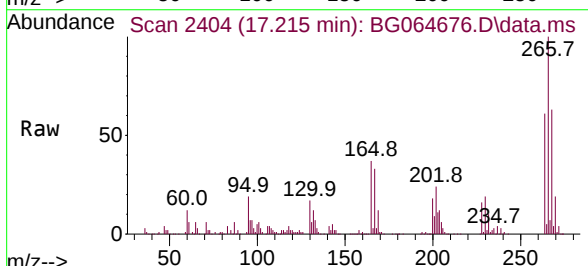
RT: 17.215 min Scan# 2404

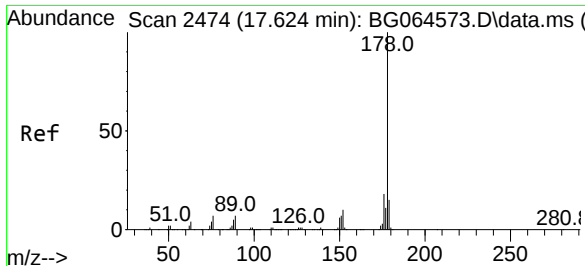
Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

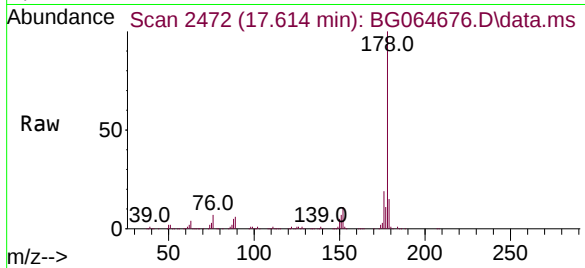
Tgt Ion:266 Resp: 246480  
 Ion Ratio Lower Upper  
 266 100  
 268 67.3 50.3 75.5  
 264 61.1 47.3 70.9





#71  
Phenanthrene  
Concen: 43.091 ng  
RT: 17.614 min Scan# 2474  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

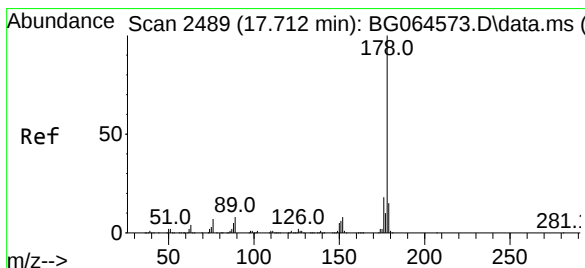
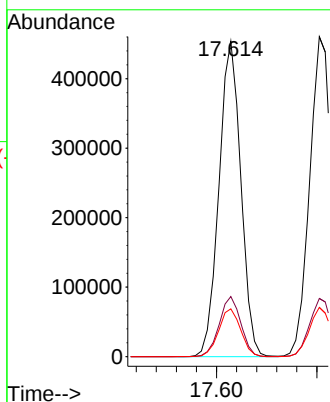
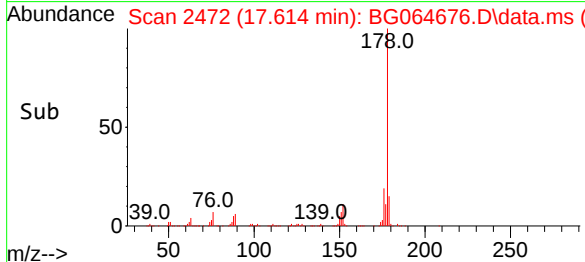
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



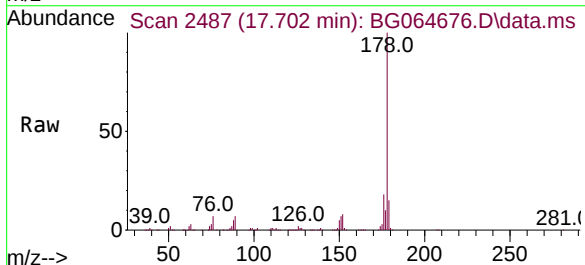
Tgt Ion:178 Resp: 68775  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.7 22.1  
179 15.2 12.2 18.4

Manual Integrations  
APPROVED

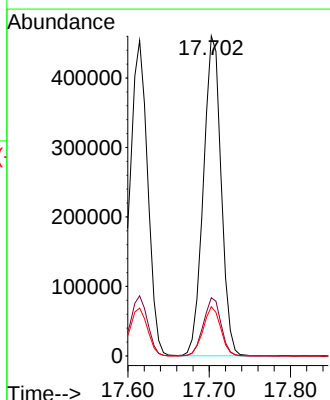
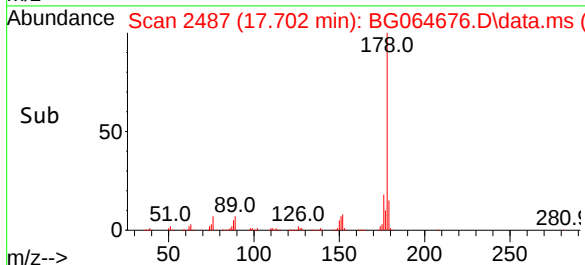
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

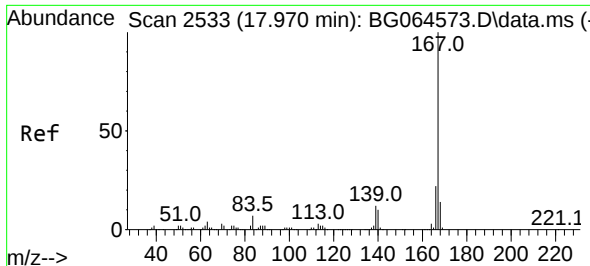


#72  
Anthracene  
Concen: 43.056 ng  
RT: 17.702 min Scan# 2487  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



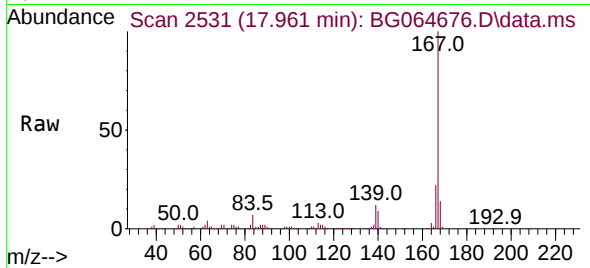
Tgt Ion:178 Resp: 699037  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.4 21.6  
179 15.4 12.4 18.6





#73  
 Carbazole  
 Concen: 44.096 ng  
 RT: 17.961 min Scan# 2531  
 Delta R.T. -0.009 min  
 Lab File: BG064676.D  
 Acq: 3 Nov 2025 17:19

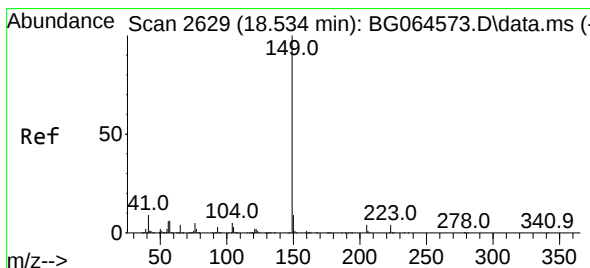
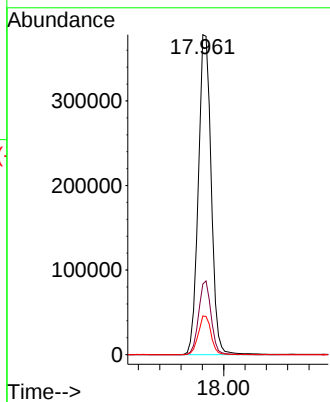
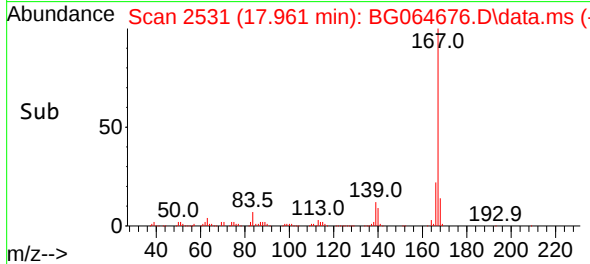
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170216BS



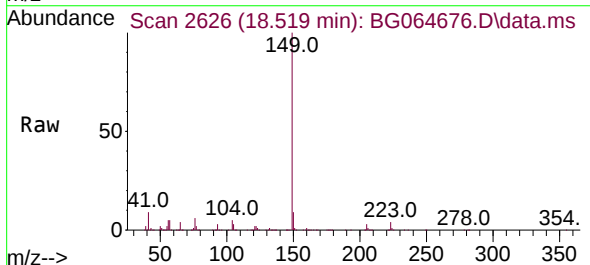
Tgt Ion:167 Resp: 631308  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.9 26.9  
 139 12.1 9.7 14.5

Manual Integrations  
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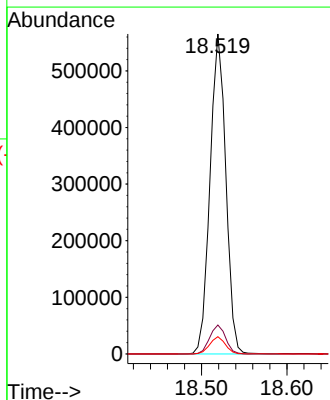
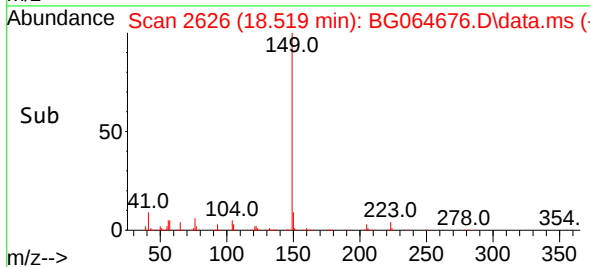
Reviewed By :Jagrut Upadhyay 11/04/2025  
 Supervised By :mohammad ahmed 11/05/2025

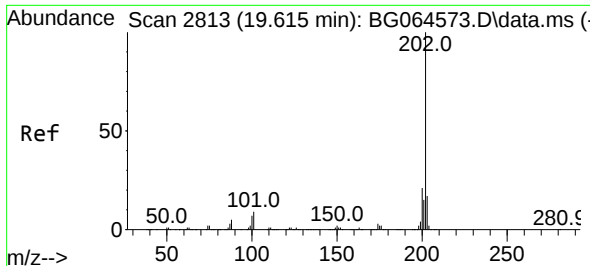


#74  
 Di-n-butylphthalate  
 Concen: 43.865 ng  
 RT: 18.519 min Scan# 2626  
 Delta R.T. -0.015 min  
 Lab File: BG064676.D  
 Acq: 3 Nov 2025 17:19



Tgt Ion:149 Resp: 726202  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.0 10.6  
 104 5.4 4.1 6.1





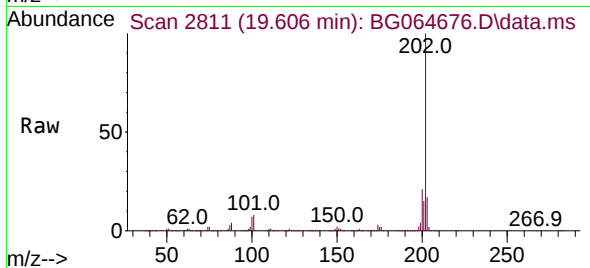
#75  
Fluoranthene  
Concen: 44.551 ng  
RT: 19.606 min Scan# 2811  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

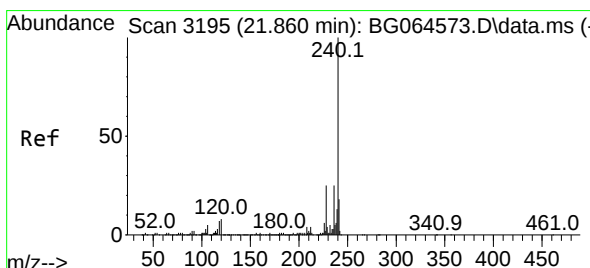
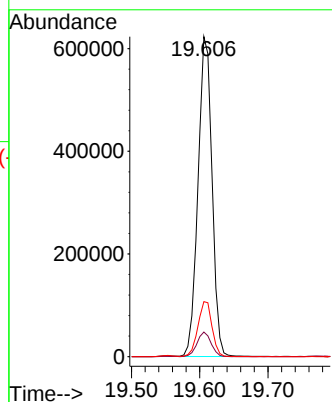
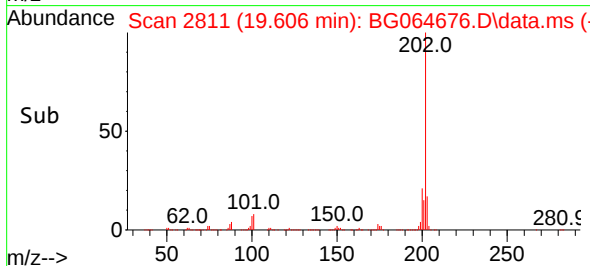


Tgt Ion:202 Resp: 890769  
Ion Ratio Lower Upper  
202 100  
101 7.7 0.0 28.7  
203 17.2 0.0 37.0

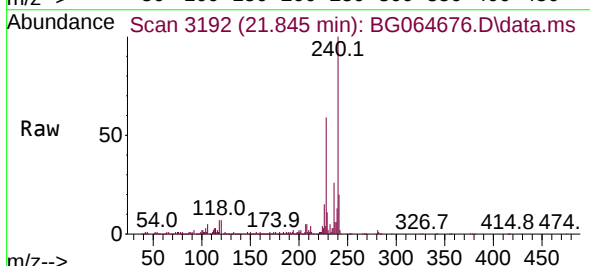
Manual Integrations

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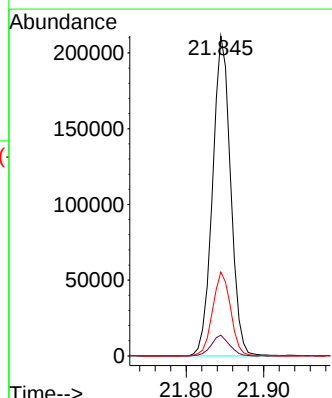
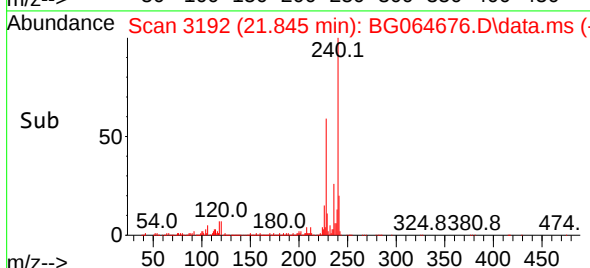
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

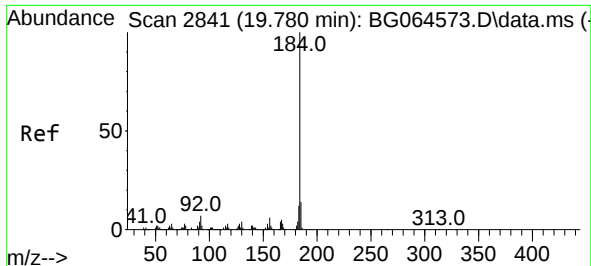


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.845 min Scan# 3192  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:240 Resp: 341711  
Ion Ratio Lower Upper  
240 100  
120 6.5 6.5 9.7  
236 26.2 20.2 30.2





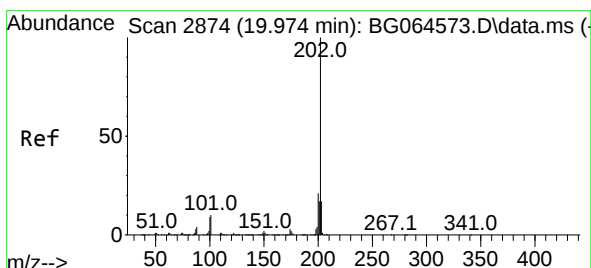
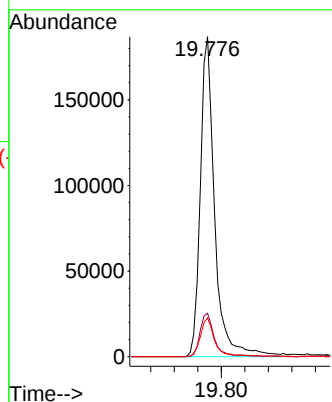
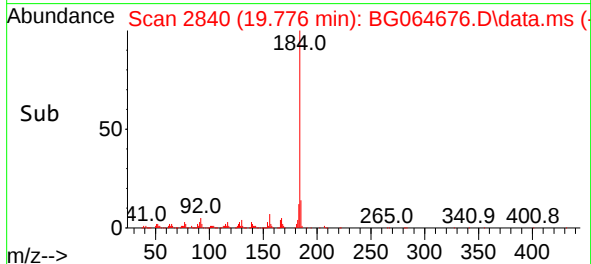
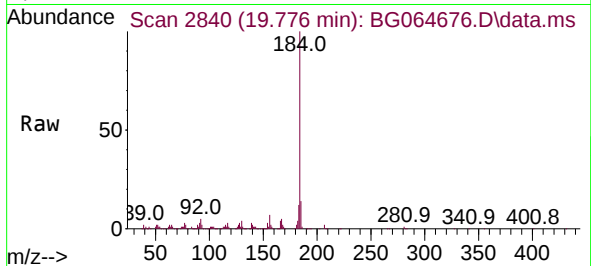
#77  
Benzidine  
Concen: 41.191 ng  
RT: 19.776 min Scan# 2841  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

Tgt Ion:184 Resp: 31535  
Ion Ratio Lower Upper  
184 100  
185 13.5 11.4 17.2  
183 12.1 9.4 14.2

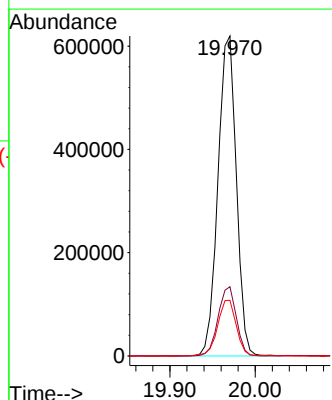
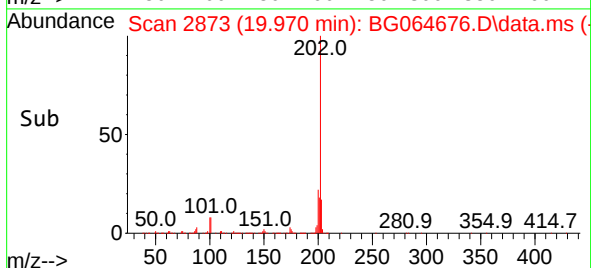
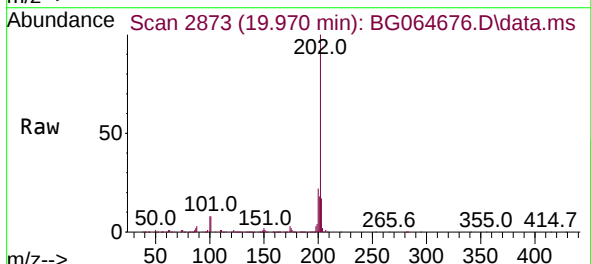
Manual Integrations  
APPROVED

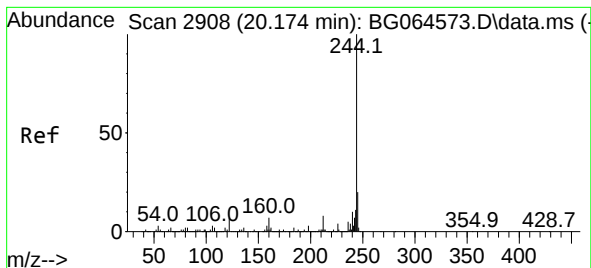
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#78  
Pyrene  
Concen: 41.511 ng  
RT: 19.970 min Scan# 2873  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:202 Resp: 926752  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.0 25.4  
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 82.884 ng

RT: 20.158 min Scan# 2908

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

Tgt Ion:244 Resp: 1500788

Ion Ratio Lower Upper

244 100

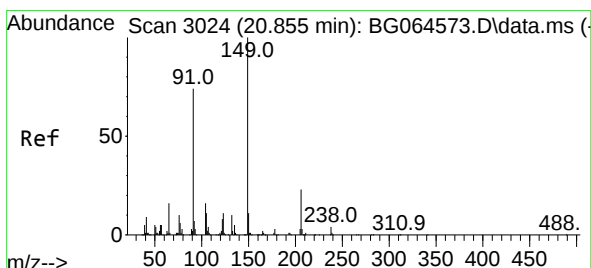
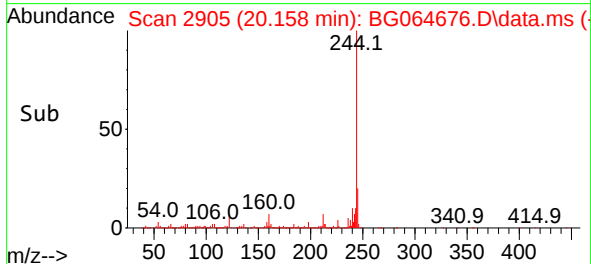
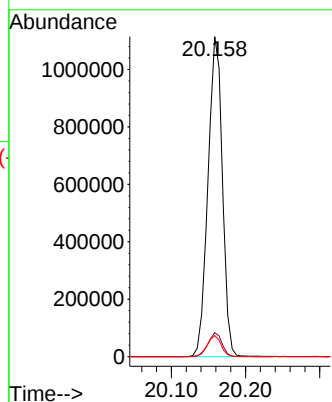
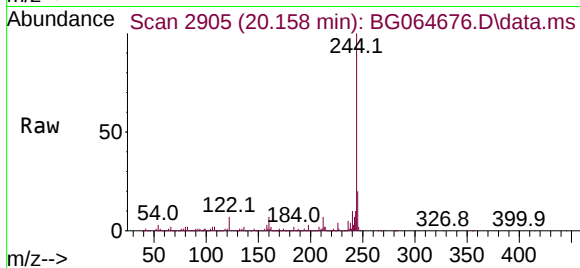
212 7.5 6.1 9.1

122 6.6 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#80

Butylbenzylphthalate

Concen: 48.545 ng

RT: 20.840 min Scan# 3021

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

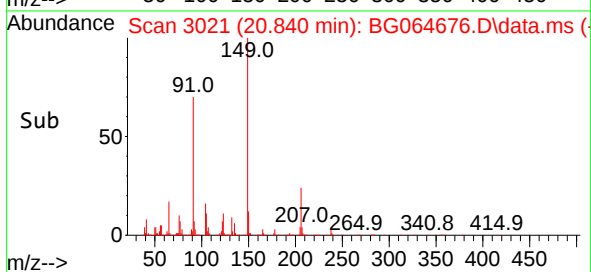
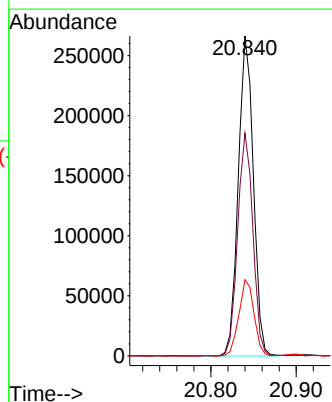
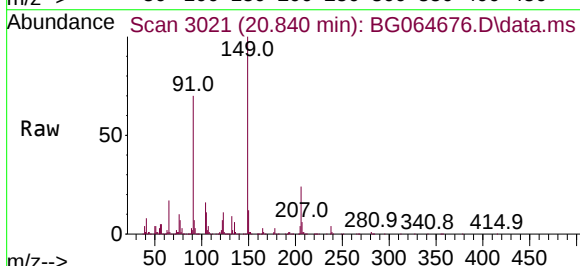
Tgt Ion:149 Resp: 327559

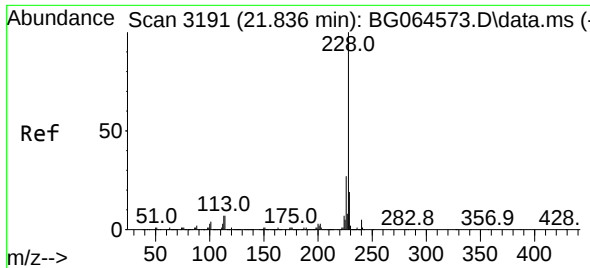
Ion Ratio Lower Upper

149 100

91 69.6 59.2 88.8

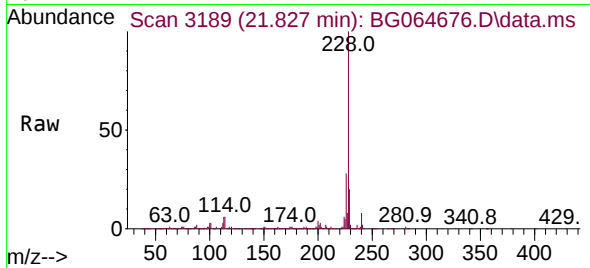
206 23.8 18.1 27.1





#81  
Benzo(a)anthracene  
Concen: 44.467 ng  
RT: 21.827 min Scan# 3191  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

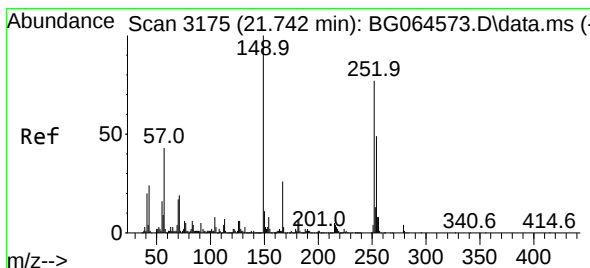
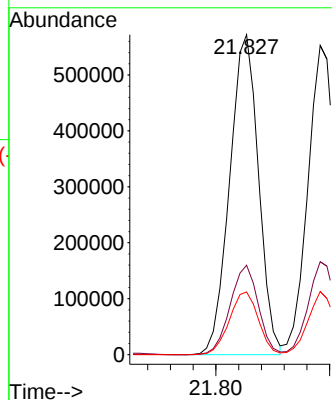
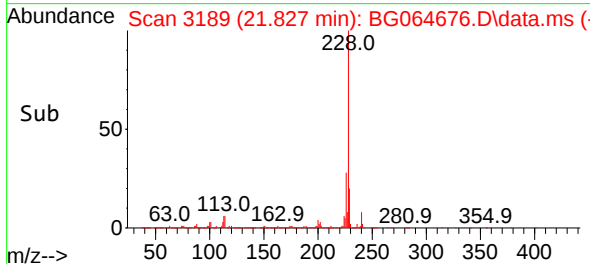
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:228 Resp: 1007500  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.9 32.9  
229 19.6 15.6 23.4

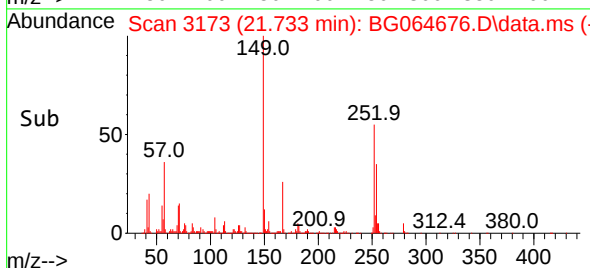
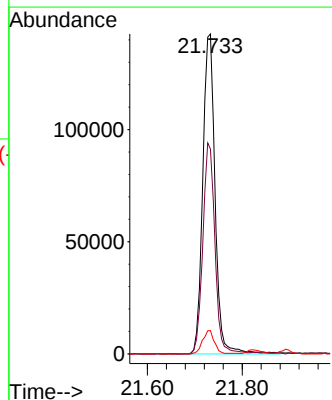
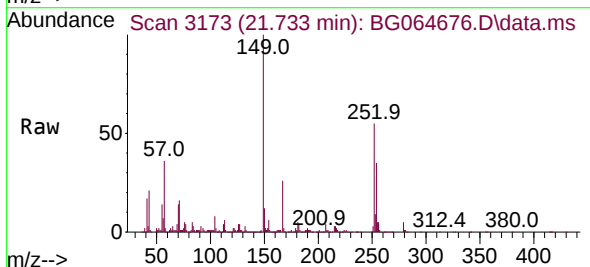
Manual Integrations  
APPROVED

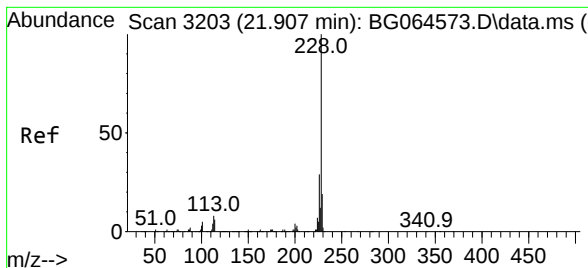
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 34.004 ng  
RT: 21.733 min Scan# 3173  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:252 Resp: 257277  
Ion Ratio Lower Upper  
252 100  
254 64.0 50.8 76.2  
126 7.3 5.8 8.6





#83

Chrysene

Concen: 43.624 ng

RT: 21.892 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

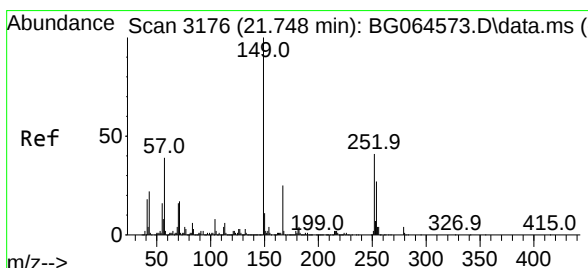
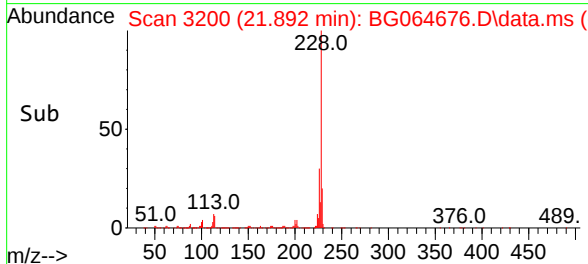
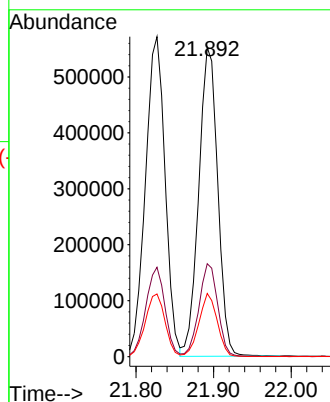
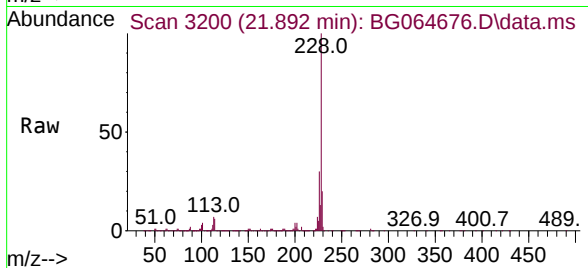
PB170216BS

Tgt Ion:228 Resp: 940484  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 23.3 34.9  
 229 20.4 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
 Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.588 ng

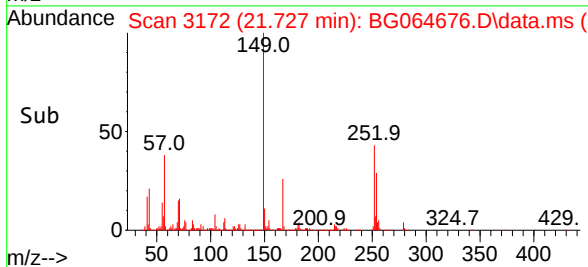
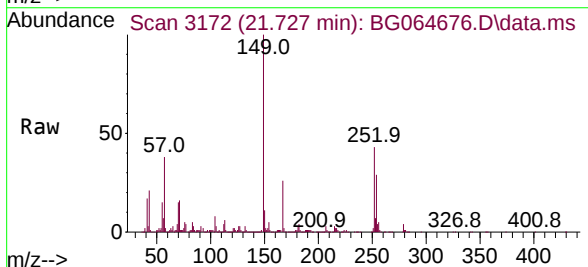
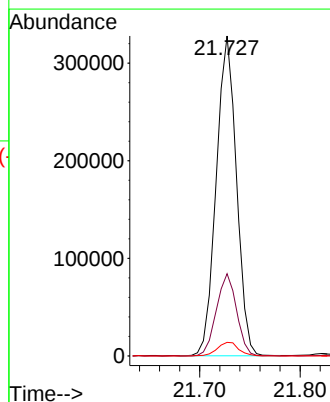
RT: 21.727 min Scan# 3172

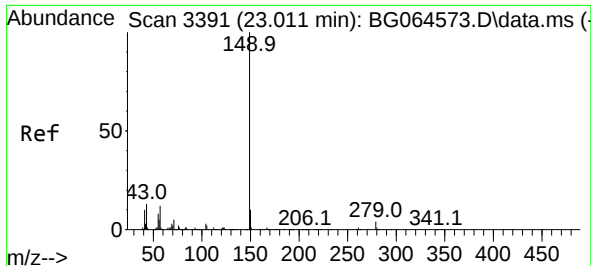
Delta R.T. -0.021 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

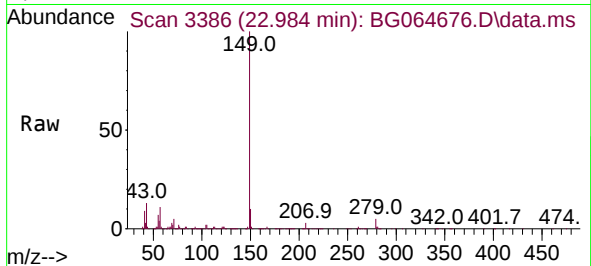
Tgt Ion:149 Resp: 459648  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 20.0 30.0  
 279 4.2 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 46.381 ng  
RT: 22.984 min Scan# 3391  
Delta R.T. -0.027 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

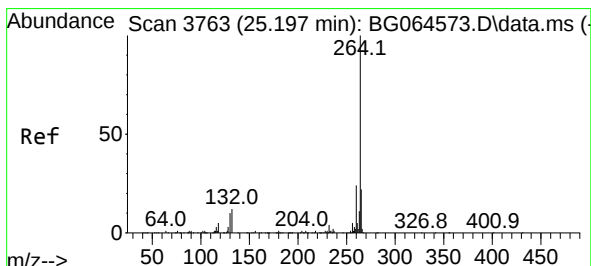
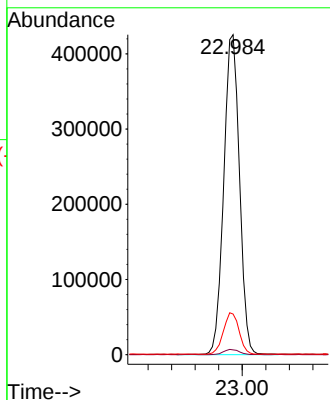
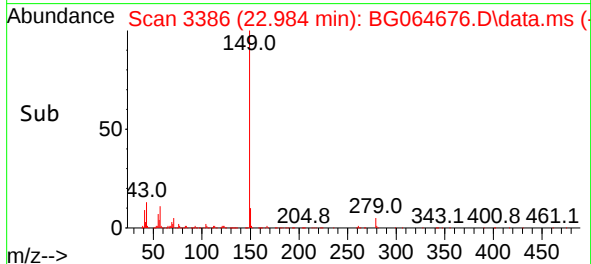
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



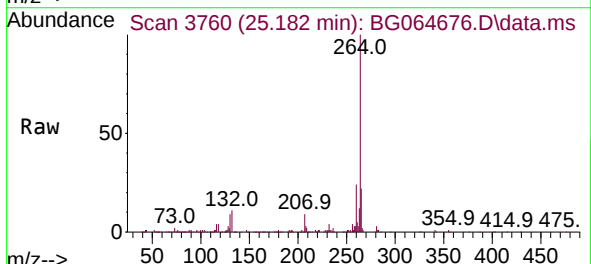
Tgt Ion:149 Resp: 788440  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.9 10.8 16.2

Manual Integrations  
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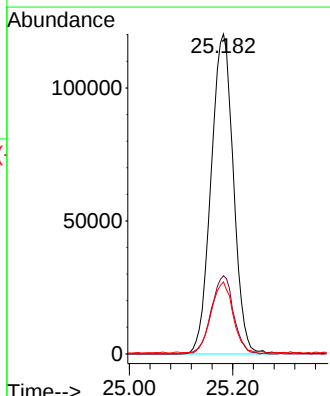
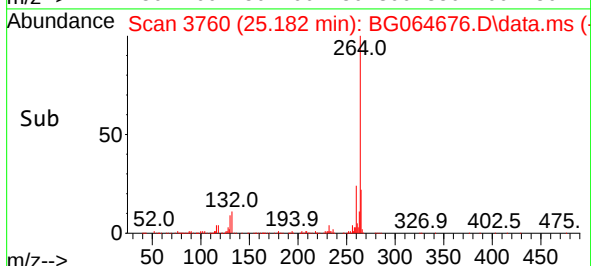
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025

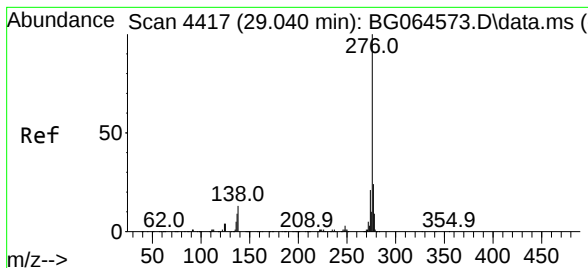


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.182 min Scan# 3760  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:264 Resp: 361251  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.0 28.4  
265 22.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.034 ng

RT: 29.007 min Scan# 4417

Delta R.T. -0.033 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

Tgt Ion:276 Resp: 119676

Ion Ratio Lower Upper

276 100

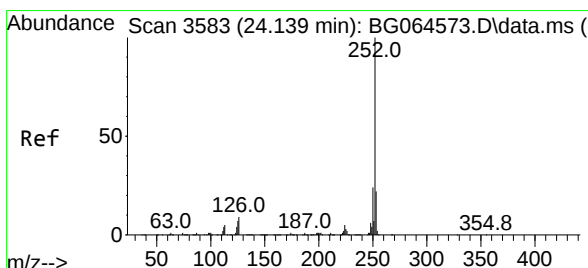
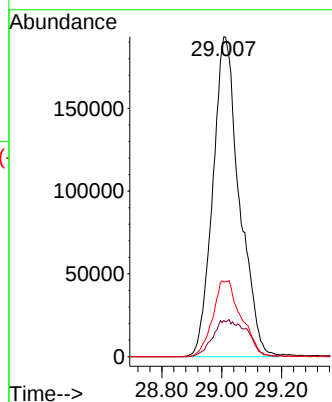
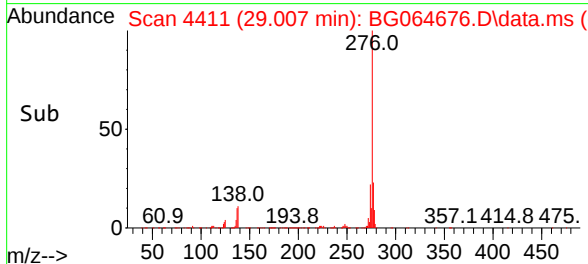
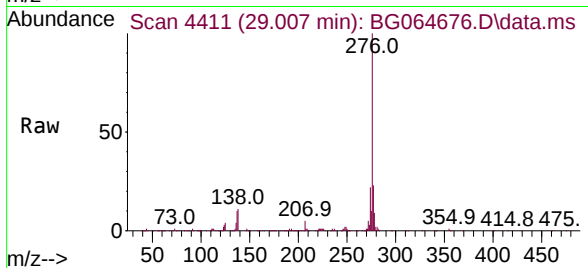
138 0.0 10.8 16.2

277 10.6 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#88

Benzo(b)fluoranthene

Concen: 45.141 ng

RT: 24.124 min Scan# 3580

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

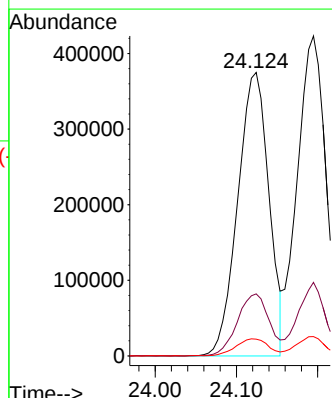
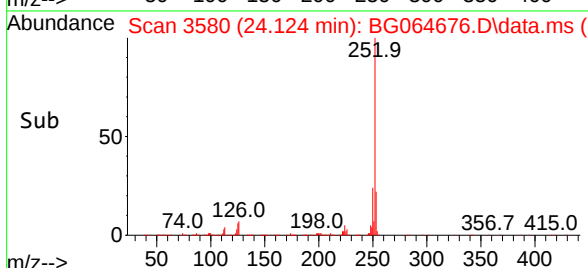
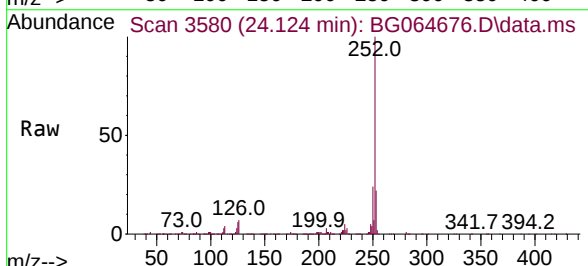
Tgt Ion:252 Resp: 999955

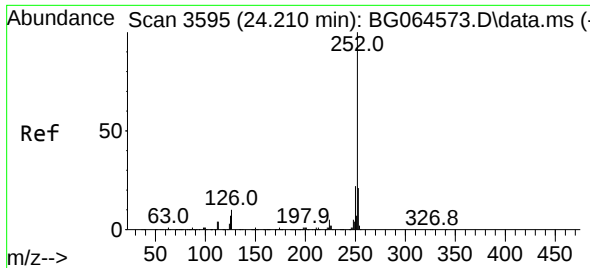
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

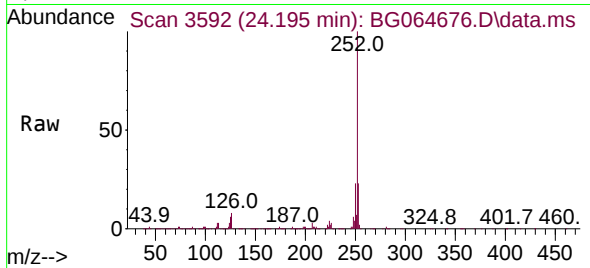
125 5.9 5.6 8.4





#89  
Benzo(k)fluoranthene  
Concen: 46.808 ng  
RT: 24.195 min Scan# 3592  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

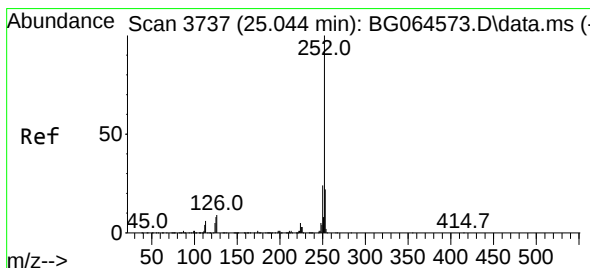
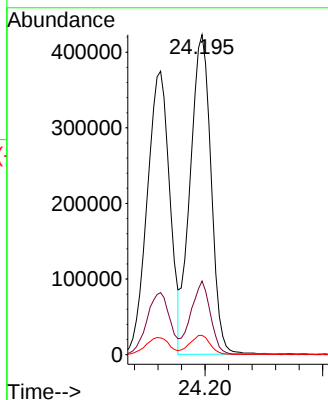
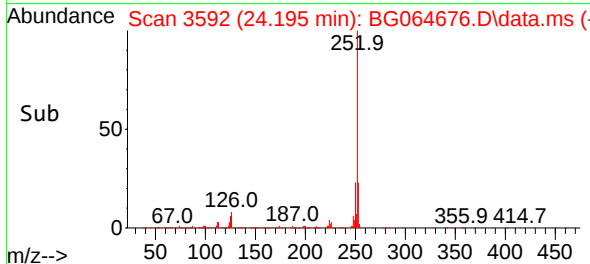
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:252 Resp: 1037592  
Ion Ratio Lower Upper  
252 100  
253 23.0 16.8 25.2  
125 6.0 5.4 8.0

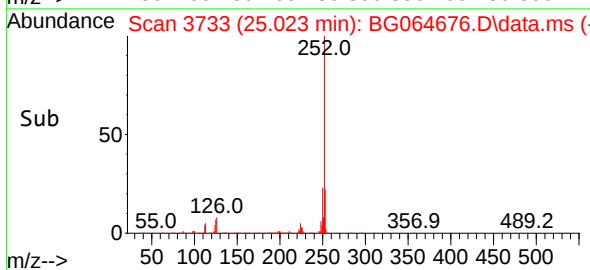
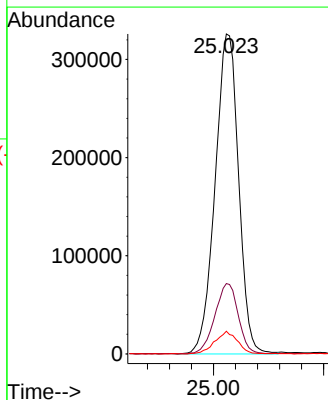
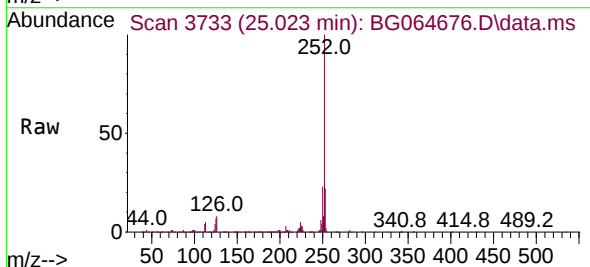
Manual Integrations  
APPROVED

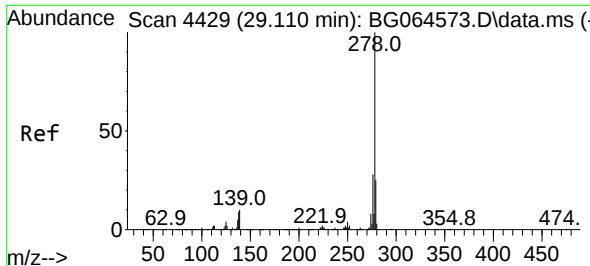
Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#90  
Benzo(a)pyrene  
Concen: 47.360 ng  
RT: 25.023 min Scan# 3733  
Delta R.T. -0.021 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

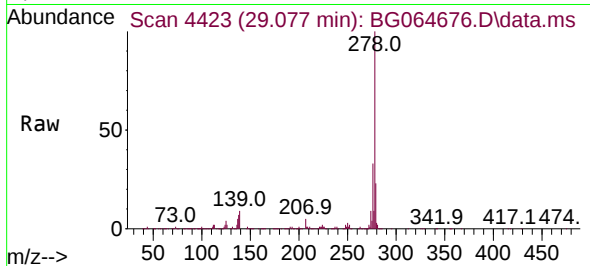
Tgt Ion:252 Resp: 964357  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 7.1 6.1 9.1





#91  
Dibenzo(a,h)anthracene  
Concen: 45.998 ng  
RT: 29.077 min Scan# 4429  
Delta R.T. -0.033 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

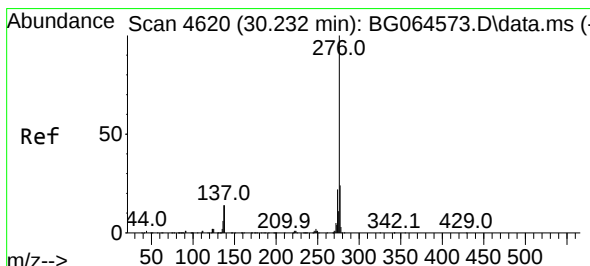
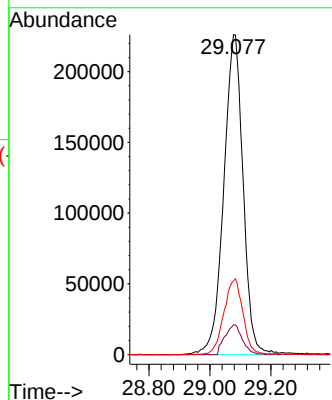
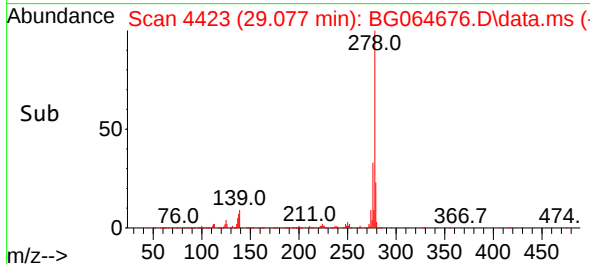
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



Tgt Ion:278 Resp: 993091  
Ion Ratio Lower Upper  
278 100  
139 9.3 8.0 12.0  
279 23.0 19.8 29.6

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025  
Supervised By :mohammad ahmed 11/05/2025



#92  
Benzo(g,h,i)perylene  
Concen: 46.601 ng  
RT: 30.211 min Scan# 4616  
Delta R.T. -0.021 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:276 Resp: 961121  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.1 28.7  
138 13.0 11.3 16.9

