

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040924\  
 Data File : BG060840.D  
 Acq On : 9 Apr 2024 11:31  
 Operator : MA/JU  
 Sample : PB160074BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB160074BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024  
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 23:40:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 03:12:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.946  | 152  | 55402    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.743 | 136  | 224827   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.580 | 164  | 180582   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.324 | 188  | 442909   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.589 | 240  | 421686   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 24.721 | 264  | 494042   | 20.000  | ng    | -0.03    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.531  | 112  | 431811   | 129.842 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.118  | 99   | 606901   | 122.940 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.104  | 82   | 394727   | 100.183 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.066 | 330  | 351255   | 171.352 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.205 | 172  | 1012231  | 82.266  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.950 | 244  | 1979319  | 82.650  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.452  | 88   | 48007    | 35.209  | ng    | 97       |
| 3) Pyridine                   | 3.839  | 79   | 125534   | 30.523  | ng    | 84       |
| 4) n-Nitrosodimethylamine     | 3.757  | 42   | 106808   | 43.445  | ng    | 96       |
| 6) Aniline                    | 7.271  | 93   | 144884   | 23.241  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.512  | 128  | 177874   | 47.177  | ng    | 96       |
| 9) Benzaldehyde               | 7.083  | 77   | 31727m   | 11.655  | ng    |          |
| 10) Phenol                    | 7.141  | 94   | 232099   | 46.069  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.370  | 93   | 158670   | 39.008  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.841  | 146  | 169193   | 43.152  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.982  | 146  | 176071   | 44.016  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.299  | 146  | 169978   | 43.361  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.181  | 79   | 169815   | 42.467  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.469  | 45   | 386281   | 42.080  | ng    | 99       |
| 17) 2-Methylphenol            | 8.387  | 107  | 158981   | 41.801  | ng    | 99       |
| 18) Hexachloroethane          | 9.033  | 117  | 62889    | 44.267  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.751  | 70   | 143724   | 38.178  | ng    | # 99     |
| 20) 3+4-Methylphenols         | 8.716  | 107  | 216785   | 41.624  | ng    | 92       |
| 22) Acetophenone              | 8.763  | 105  | 272941   | 44.028  | ng    | 98       |
| 24) Nitrobenzene              | 9.145  | 77   | 205303   | 46.880  | ng    | 99       |
| 25) Isophorone                | 9.668  | 82   | 380340   | 41.911  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.856  | 139  | 87821    | 55.413  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.920  | 122  | 132880   | 36.451  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.155 | 93   | 226536   | 42.282  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.390 | 162  | 179549   | 53.635  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.608 | 180  | 182489   | 48.142  | ng    | 98       |
| 31) Naphthalene               | 10.796 | 128  | 522638   | 42.974  | ng    | 99       |
| 32) Benzoic acid              | 10.056 | 122  | 125236   | 51.117  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.896 | 127  | 93910    | 16.625  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.090 | 225  | 127300   | 50.390  | ng    | 95       |
| 35) Caprolactam               | 11.665 | 113  | 61187m   | 46.149  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.024 | 107  | 205219   | 47.989  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.400 | 142  | 376834   | 42.145  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.623 | 142  | 351021   | 41.557  | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 12.770 | 216  | 242453   | 46.702  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.758 | 237  | 275432   | 104.339 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.005 | 196  | 169713   | 50.768  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040924\  
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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB160074BSD

Manual Integrations  
 APPROVED

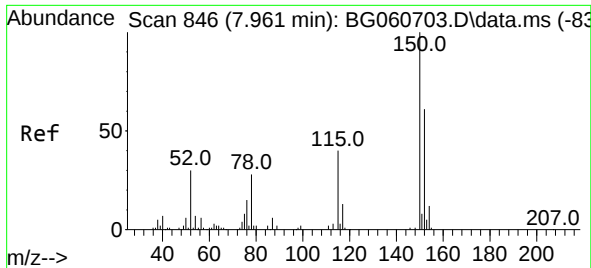
Reviewed By :Yogesh Patel 04/10/2024  
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 23:40:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 03:12:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.081 | 196  | 194073   | 48.647  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.410 | 154  | 550186   | 43.134  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.452 | 162  | 429800   | 44.350  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.651 | 65   | 164906   | 51.777  | ng    | 98       |
| 49) Acenaphthylene            | 14.298 | 152  | 729471   | 44.799  | ng    | 99       |
| 50) Dimethylphthalate         | 14.039 | 163  | 603943   | 42.313  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.151 | 165  | 126989   | 49.568  | ng    | 92       |
| 52) Acenaphthene              | 14.644 | 154  | 500250m  | 48.931  | ng    |          |
| 53) 3-Nitroaniline            | 14.474 | 138  | 78502    | 29.189  | ng    | # 98     |
| 54) 2,4-Dinitrophenol         | 14.685 | 184  | 157167   | 158.194 | ng    | 88       |
| 55) Dibenzofuran              | 14.979 | 168  | 684232   | 42.430  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.791 | 139  | 232967   | 111.649 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.938 | 165  | 187869   | 55.540  | ng    | 91       |
| 58) Fluorene                  | 15.626 | 166  | 562494   | 43.461  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.203 | 232  | 185960   | 53.488  | ng    | 97       |
| 60) Diethylphthalate          | 15.408 | 149  | 606768   | 42.254  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.626 | 204  | 303571   | 44.335  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.643 | 138  | 136425   | 52.278  | ng    | 95       |
| 63) Azobenzene                | 15.919 | 77   | 578691   | 41.355  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.702 | 198  | 112303   | 59.471  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.837 | 169  | 533733   | 42.170  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.519 | 248  | 213351   | 47.465  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.630 | 284  | 244090   | 48.104  | ng    | 99       |
| 69) Atrazine                  | 16.789 | 200  | 214042   | 48.360  | ng    | 98       |
| 70) Pentachlorophenol         | 16.977 | 266  | 340911   | 102.965 | ng    | 96       |
| 71) Phenanthrene              | 17.371 | 178  | 1004937  | 43.627  | ng    | 100      |
| 72) Anthracene                | 17.459 | 178  | 1018223  | 43.526  | ng    | 98       |
| 73) Carbazole                 | 17.729 | 167  | 917056   | 44.462  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.305 | 149  | 1069274  | 41.583  | ng    | 99       |
| 75) Fluoranthene              | 19.380 | 202  | 1248366  | 44.662  | ng    | 97       |
| 77) Benzidine                 | 19.562 | 184  | 325552   | 29.319  | ng    | 98       |
| 78) Pyrene                    | 19.744 | 202  | 1290426  | 43.756  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.649 | 149  | 473752   | 44.036  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.572 | 228  | 1333718  | 44.869  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.489 | 252  | 316451   | 31.530  | ng    | 98       |
| 83) Chrysene                  | 21.636 | 228  | 1271685  | 44.387  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.507 | 149  | 695349   | 40.552  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.705 | 149  | 1204627  | 43.123  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.281 | 276  | 1611436  | 46.318  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 23.734 | 252  | 1286974  | 45.344  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.804 | 252  | 1345534m | 46.317  | ng    |          |
| 90) Benzo(a)pyrene            | 24.580 | 252  | 1233645  | 44.726  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 28.346 | 278  | 1319837  | 45.003  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 29.386 | 276  | 1226122  | 42.978  | ng    | 96       |

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





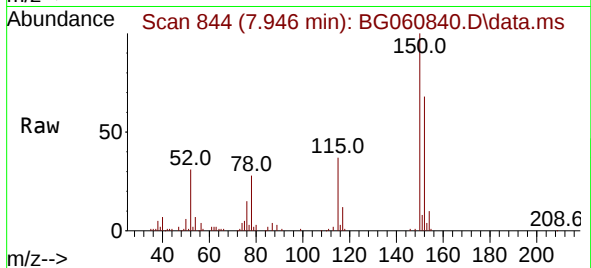
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.946 min Scan# 84  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



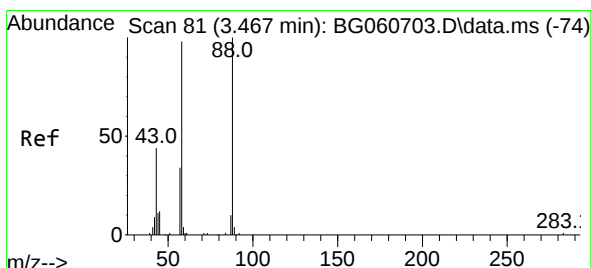
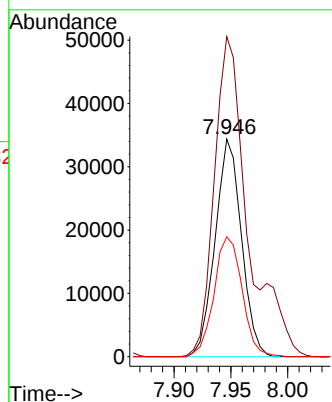
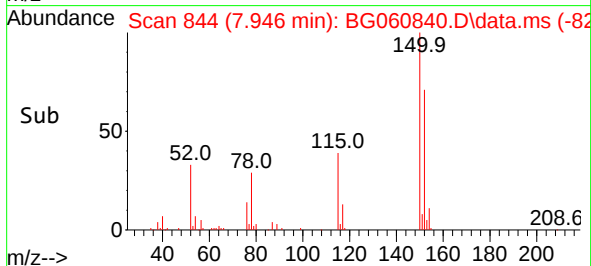
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Ion Ratio Lower Upper  
152 100  
150 147.1 130.2 195.4  
115 55.1 51.6 77.4

Manual Integrations

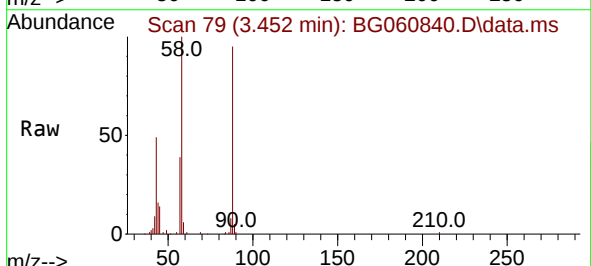
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

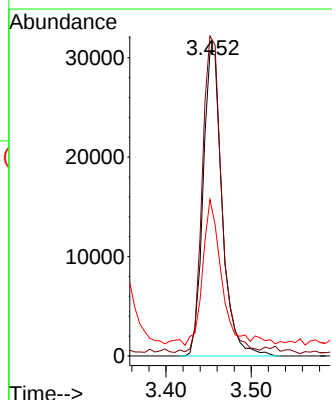
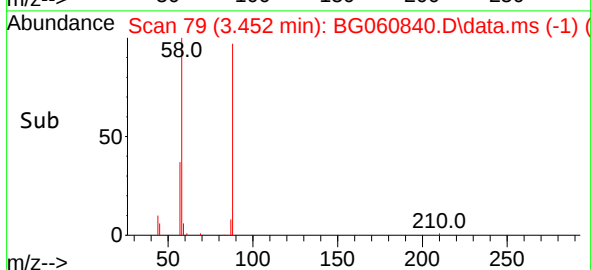
Supervised By :mohammad ahmed 04/10/2024

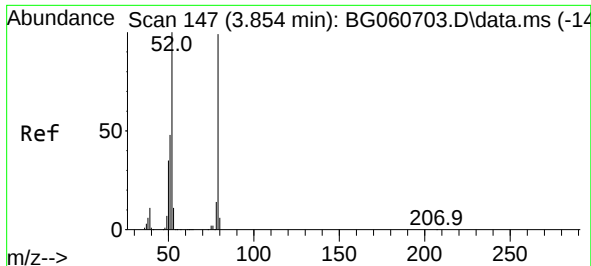


#2  
1,4-Dioxane  
Concen: 35.209 ng  
RT: 3.452 min Scan# 79  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



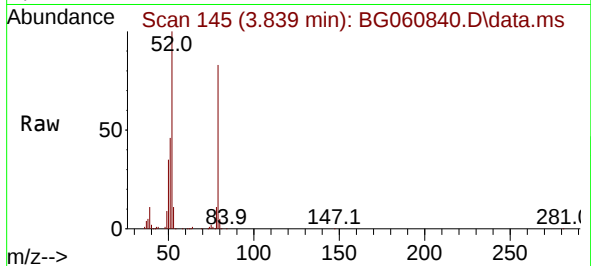
Tgt Ion: 88 Resp: 48007  
Ion Ratio Lower Upper  
88 100  
58 104.0 80.9 121.3  
43 45.7 35.4 53.0





#3  
Pyridine  
Concen: 30.523 ng  
RT: 3.839 min Scan# 147  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

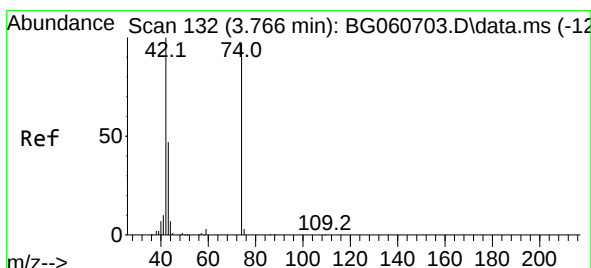
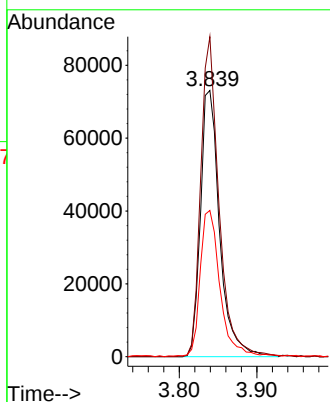
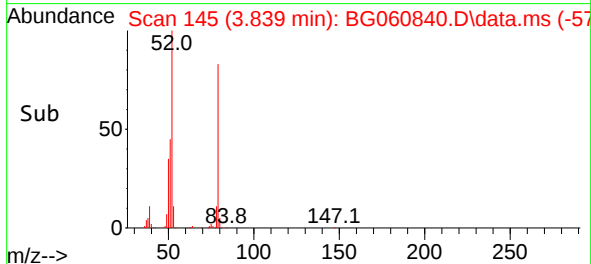
Instrument :  
BNA\_G  
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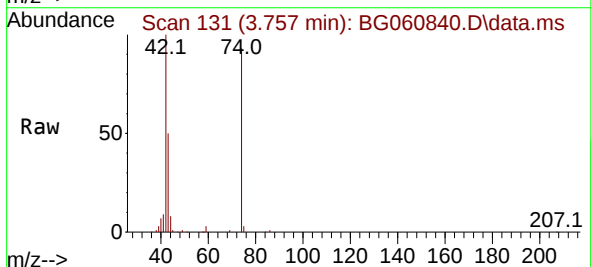
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Ion Ratio Lower Upper  
79 100  
52 120.2 80.6 120.8  
51 54.9 39.1 58.7

Manual Integrations  
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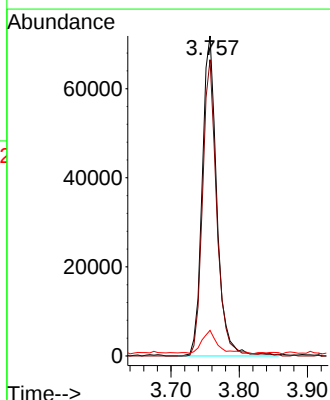
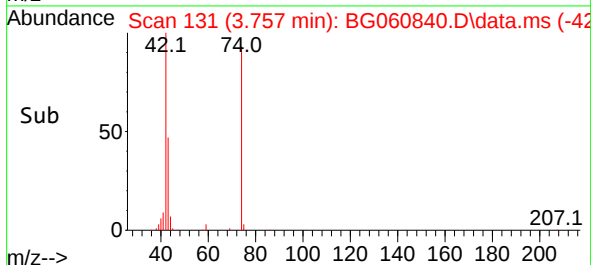
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024

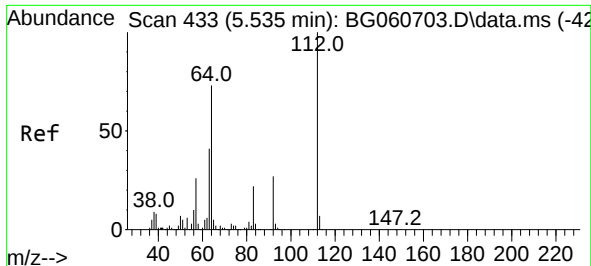


#4  
n-Nitrosodimethylamine  
Concen: 43.445 ng  
RT: 3.757 min Scan# 131  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion: 42 Resp: 106808  
Ion Ratio Lower Upper  
42 100  
74 92.6 77.8 116.8  
44 8.0 6.8 10.2





#5  
2-Fluorophenol  
Concen: 129.842 ng  
RT: 5.531 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

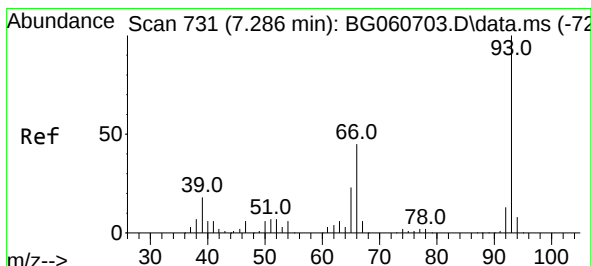
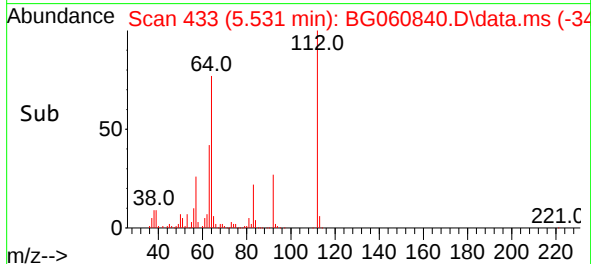
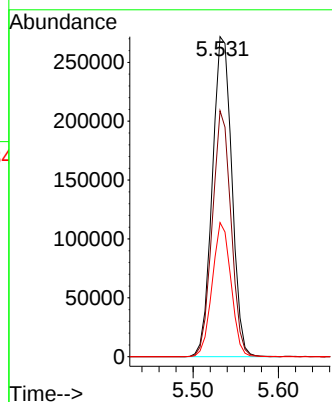
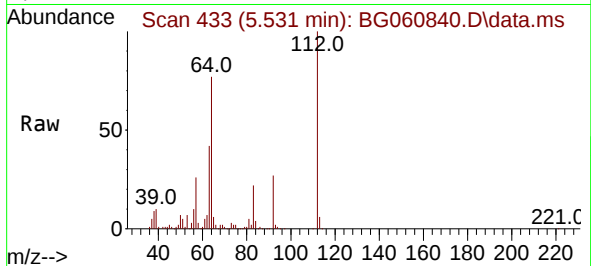
ClientSampleId :

PB160074BSD

Tgt Ion:112 Resp: 43181  
Ion Ratio Lower Upper  
112 100  
64 76.9 58.4 87.6  
63 41.9 32.7 49.1

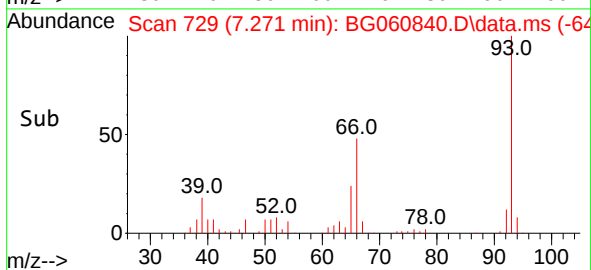
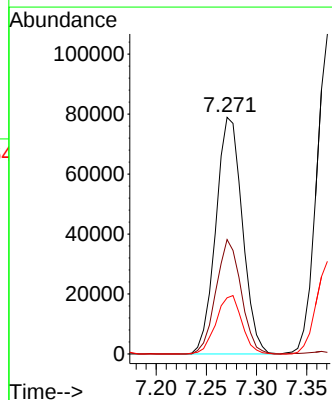
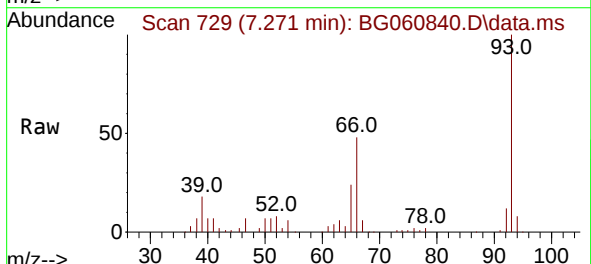
Manual Integrations  
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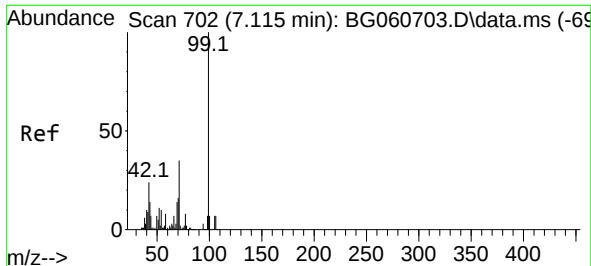
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#6  
Aniline  
Concen: 23.241 ng  
RT: 7.271 min Scan# 729  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

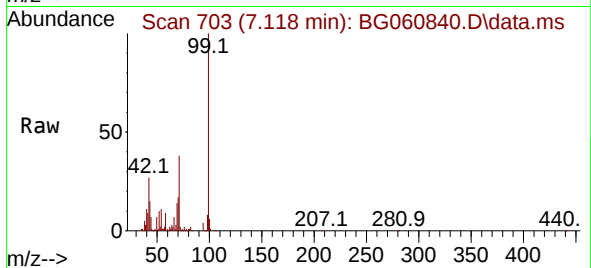
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Ion Ratio Lower Upper  
93 100  
66 48.4 36.1 54.1  
65 23.7 18.1 27.1





#7  
Phenol-d6  
Concen: 122.940 ng  
RT: 7.118 min Scan# 702  
Delta R.T. 0.002 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

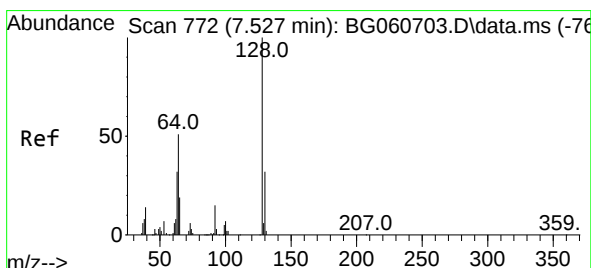
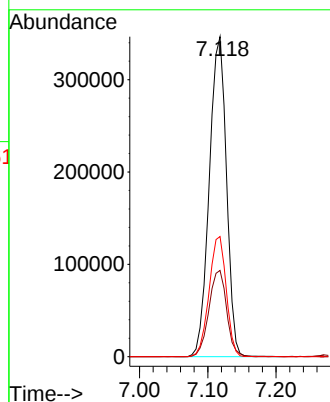
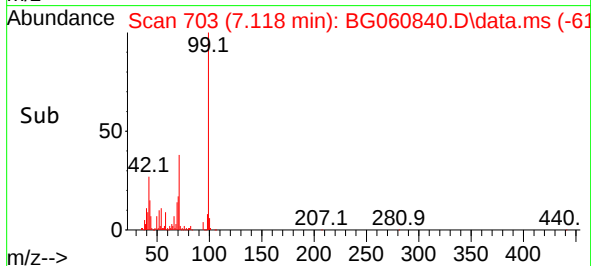
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion: 99 Resp: 60690  
Ion Ratio Lower Upper  
99 100  
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71 37.6 28.2 42.2

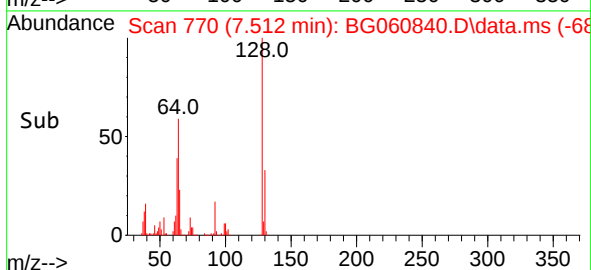
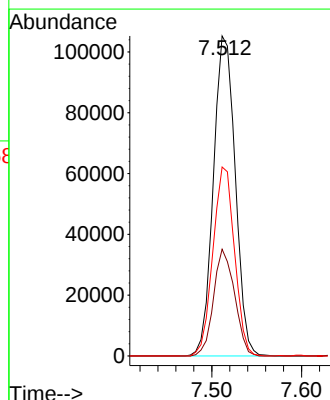
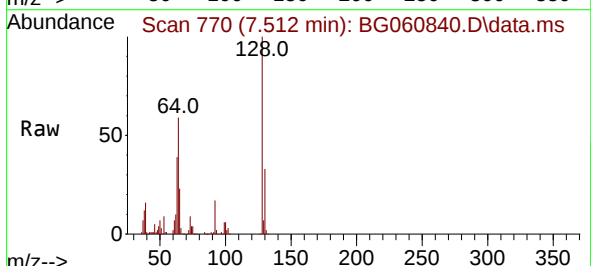
Manual Integrations  
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Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#8  
2-Chlorophenol  
Concen: 47.177 ng  
RT: 7.512 min Scan# 770  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:128 Resp: 177874  
Ion Ratio Lower Upper  
128 100  
130 33.4 12.3 52.3  
64 59.1 35.0 75.0





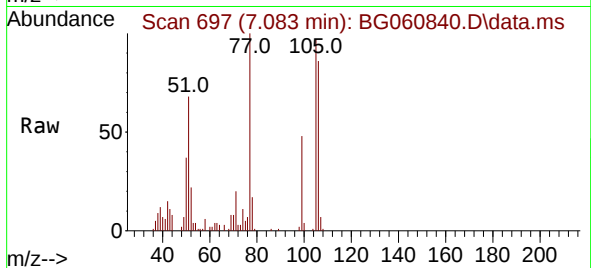
#9  
Benzaldehyde  
Concen: 11.655 ng m  
RT: 7.083 min Scan# 697  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



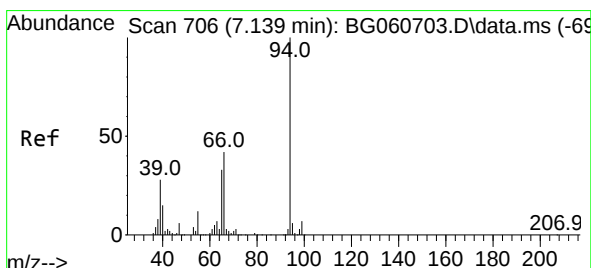
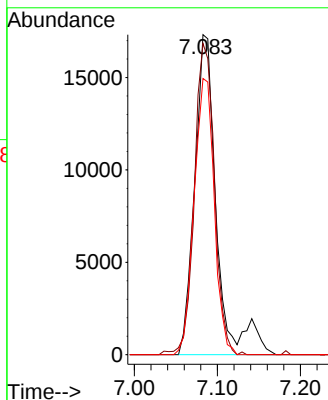
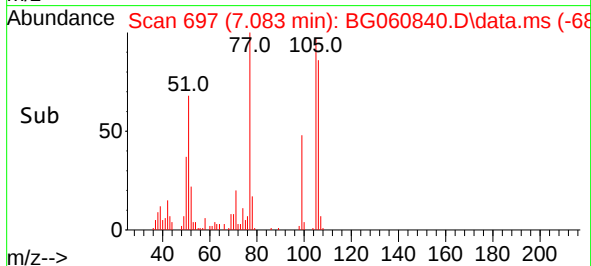
Tgt Ion: 77 Resp: 3172  
Ion Ratio Lower Upper  
77 100  
105 97.3 76.0 116.0  
106 86.3 70.3 110.3

Manual Integrations

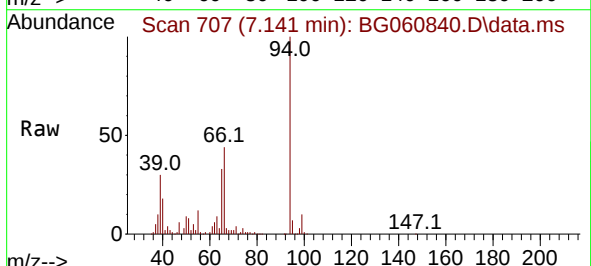
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

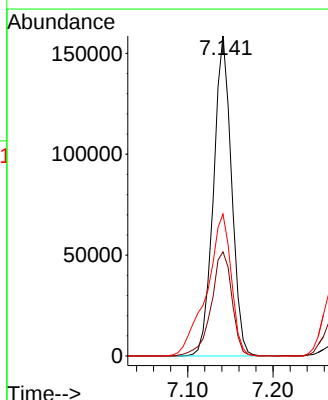
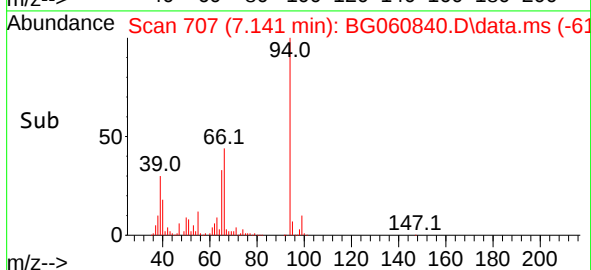
Supervised By :mohammad ahmed 04/10/2024

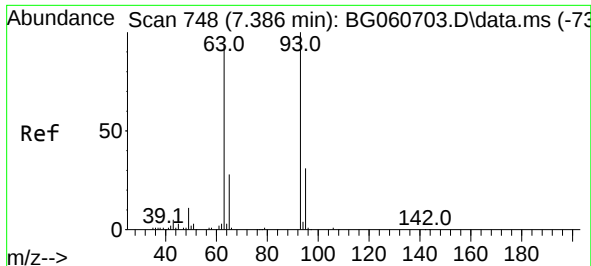


#10  
Phenol  
Concen: 46.069 ng  
RT: 7.141 min Scan# 707  
Delta R.T. 0.002 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion: 94 Resp: 232099  
Ion Ratio Lower Upper  
94 100  
65 32.5 13.3 53.3  
66 44.4 22.9 62.9





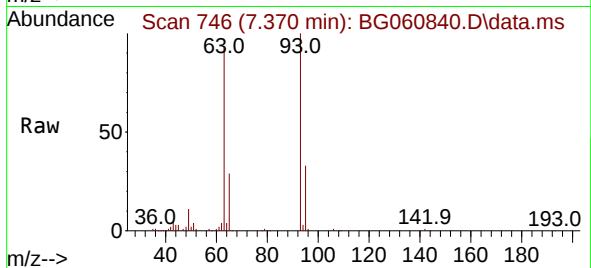
#11  
bis(2-Chloroethyl)ether  
Concen: 39.008 ng  
RT: 7.370 min Scan# 748  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



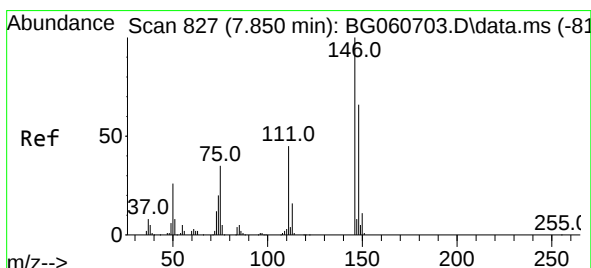
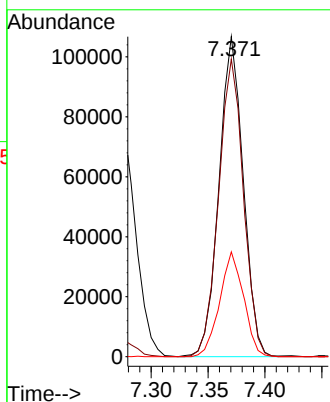
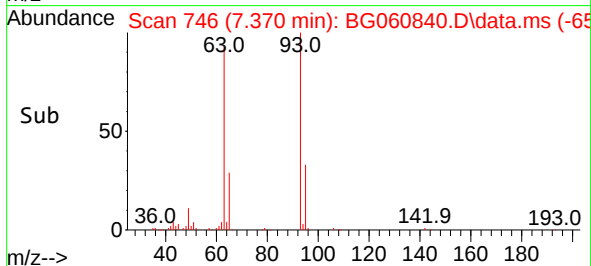
Tgt Ion: 93 Resp: 158670  
Ion Ratio Lower Upper  
93 100  
63 93.0 73.7 113.7  
95 32.8 11.2 51.2

Manual Integrations

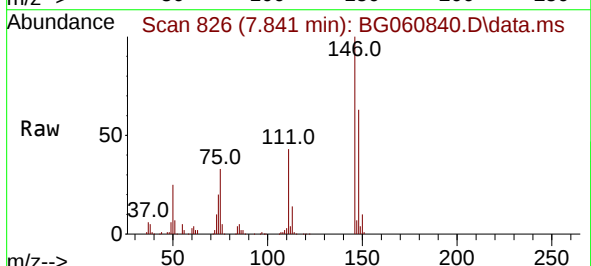
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

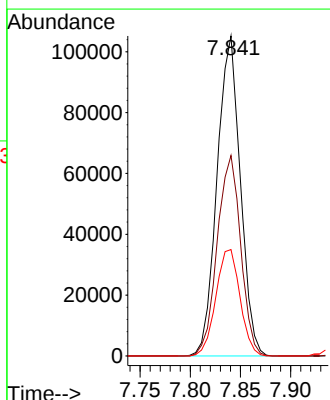
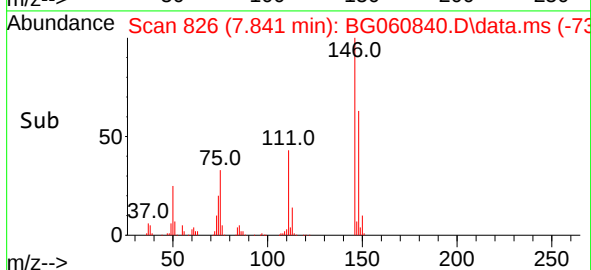
Supervised By :mohammad ahmed 04/10/2024



#12  
1,3-Dichlorobenzene  
Concen: 43.152 ng  
RT: 7.841 min Scan# 826  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion:146 Resp: 169193  
Ion Ratio Lower Upper  
146 100  
148 62.6 53.0 79.4  
75 33.3 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 44.016 ng

RT: 7.982 min Scan# 81

Delta R.T. -0.015 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

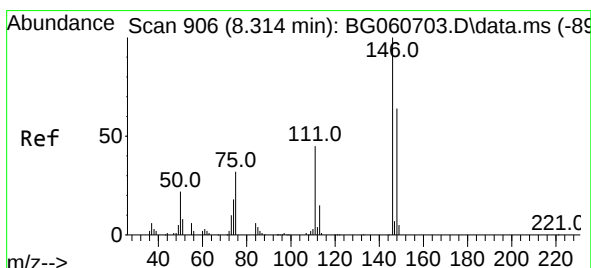
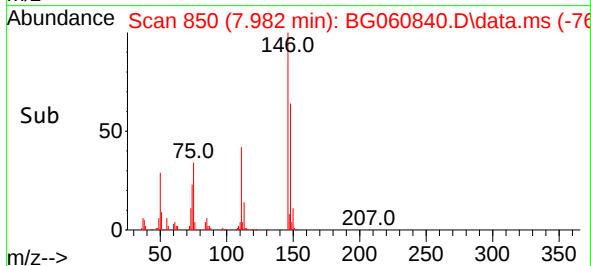
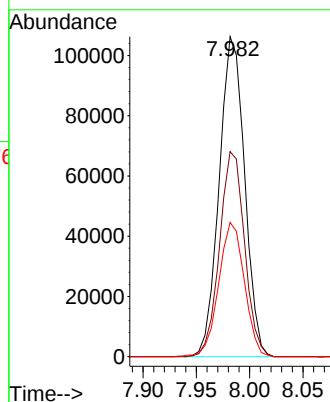
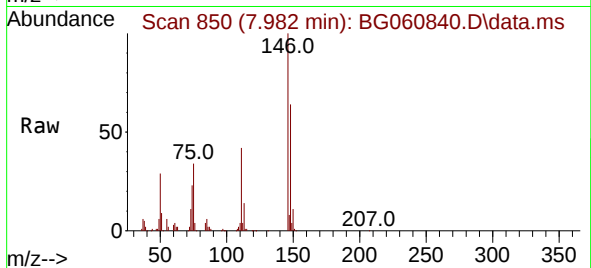
Tgt Ion:146 Resp: 17607  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.1 76.7  
 111 42.0 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#14

1,2-Dichlorobenzene

Concen: 43.361 ng

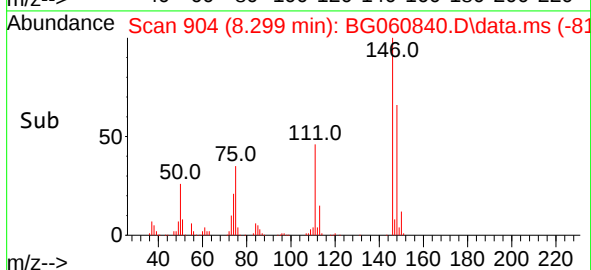
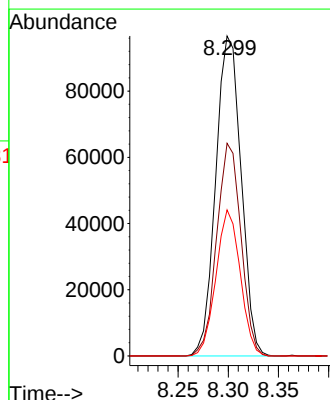
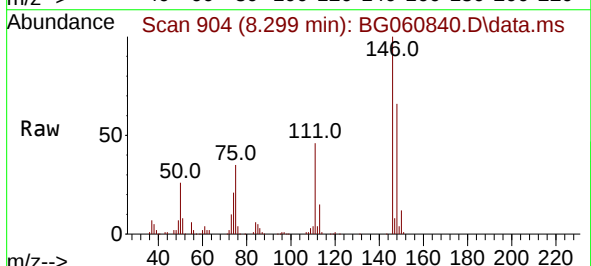
RT: 8.299 min Scan# 904

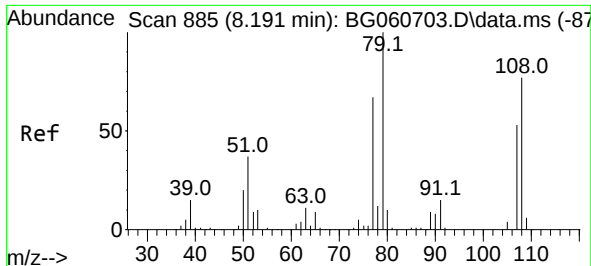
Delta R.T. -0.015 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

Tgt Ion:146 Resp: 169978  
 Ion Ratio Lower Upper  
 146 100  
 148 66.5 51.0 76.6  
 111 45.6 36.0 54.0





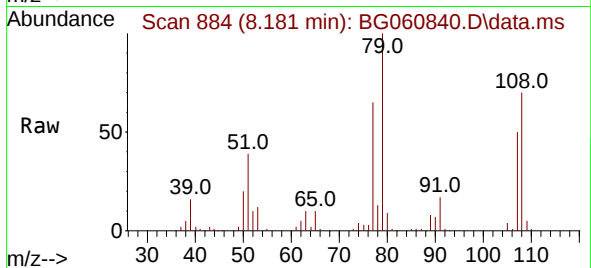
#15  
Benzyl Alcohol  
Concen: 42.467 ng  
RT: 8.181 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

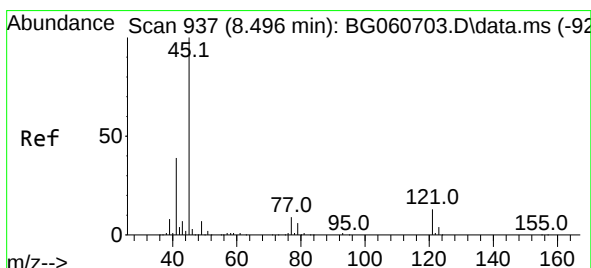
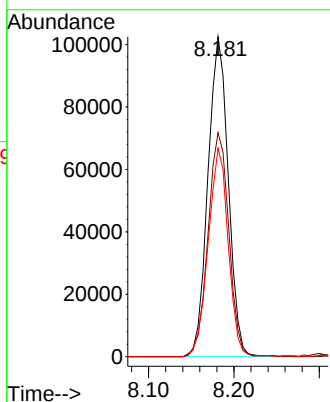
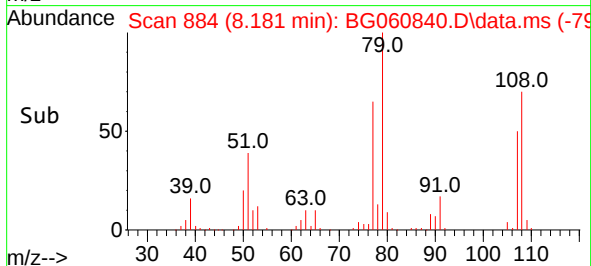
PB160074BSD



Tgt Ion: 79 Resp: 16981  
Ion Ratio Lower Upper  
79 100  
108 70.0 61.4 92.0  
77 65.1 53.6 80.4

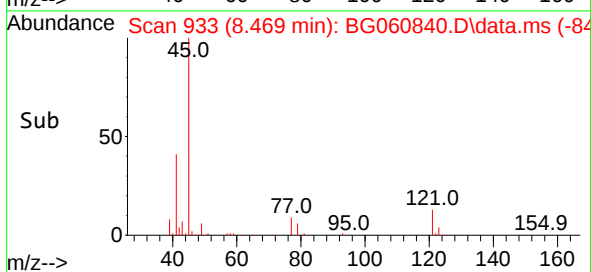
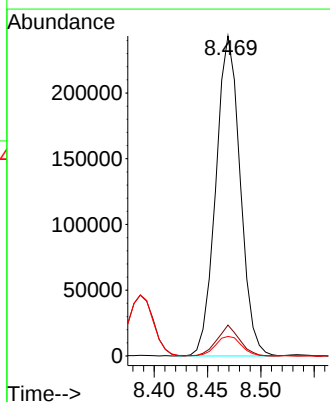
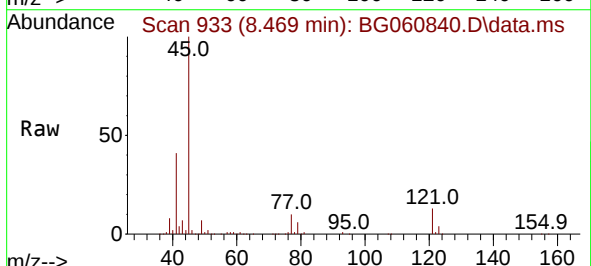
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.080 ng  
RT: 8.469 min Scan# 933  
Delta R.T. -0.027 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion: 45 Resp: 386281  
Ion Ratio Lower Upper  
45 100  
77 9.7 0.0 29.1  
79 6.1 0.0 26.5





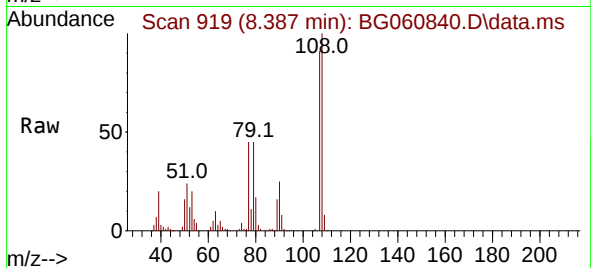
#17  
2-Methylphenol  
Concen: 41.801 ng  
RT: 8.387 min Scan# 919  
Delta R.T. -0.003 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



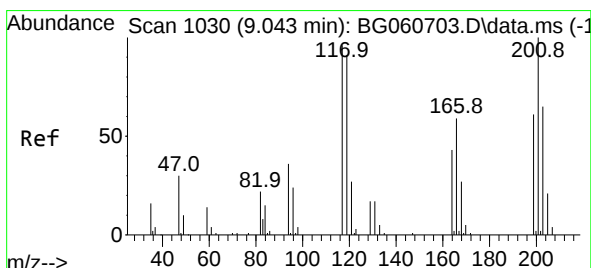
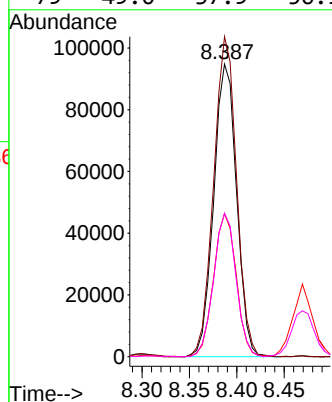
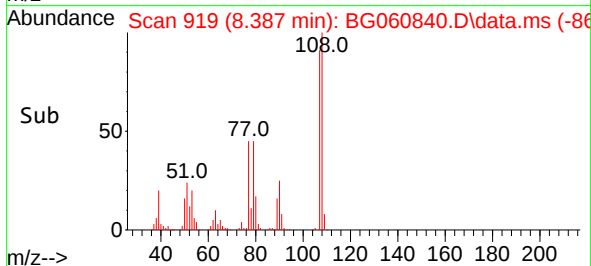
Tgt Ion:107 Resp: 15898  
Ion Ratio Lower Upper  
107 100  
108 109.4 86.4 129.6  
77 48.9 38.6 58.0  
79 49.0 37.9 56.9

Manual Integrations

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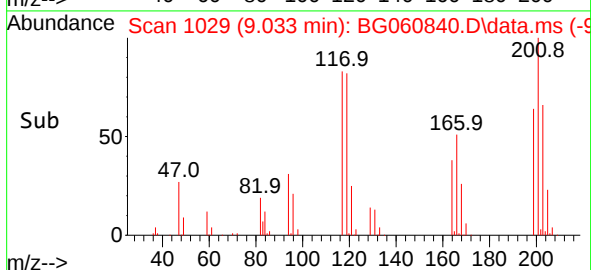
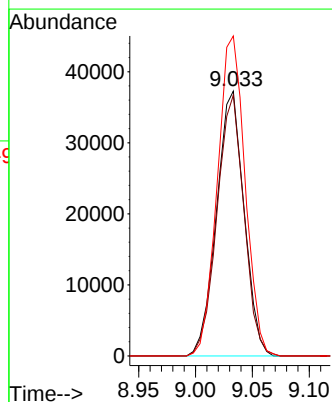
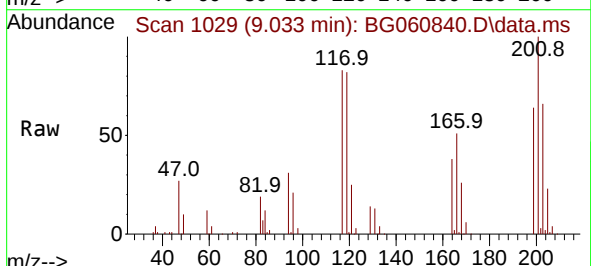
Reviewed By :Yogesh Patel 04/10/2024

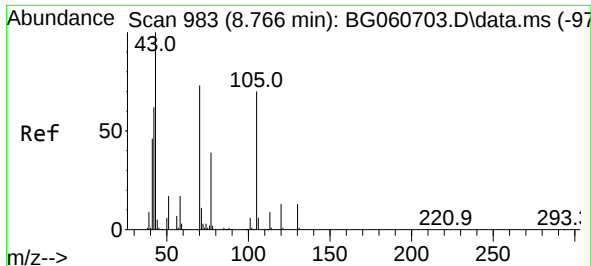
Supervised By :mohammad ahmed 04/10/2024



#18  
Hexachloroethane  
Concen: 44.267 ng  
RT: 9.033 min Scan# 1029  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:117 Resp: 62889  
Ion Ratio Lower Upper  
117 100  
119 98.5 75.7 113.5  
201 120.8 83.4 125.2





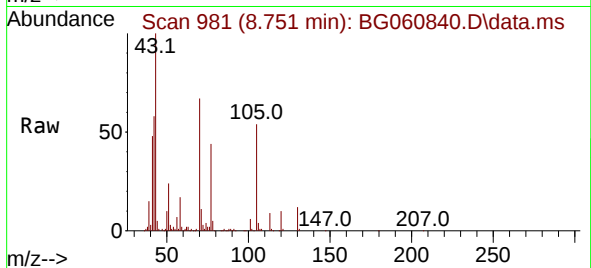
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.178 ng  
RT: 8.751 min Scan# 981  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



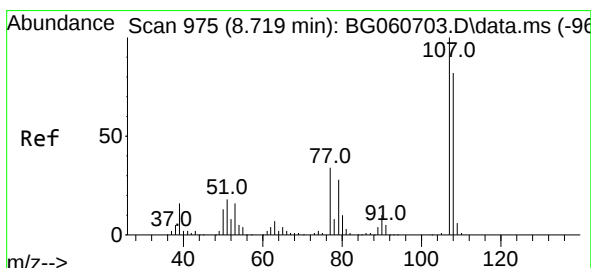
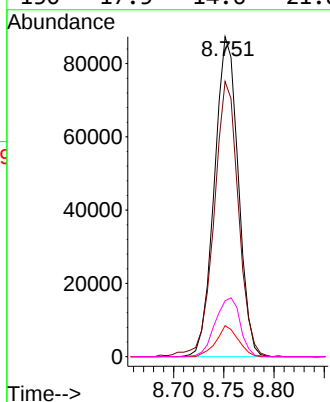
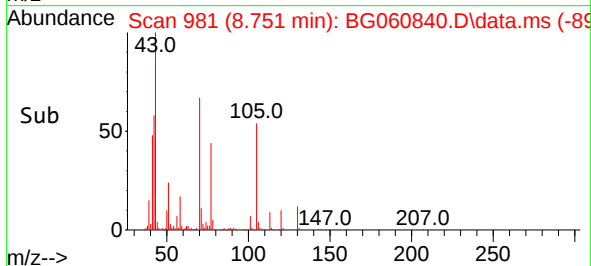
Tgt Ion: 70 Resp: 143724  
Ion Ratio Lower Upper  
70 100  
42 86.0 68.4 102.6  
101 9.7 6.1 9.1  
130 17.5 14.6 21.8

Manual Integrations

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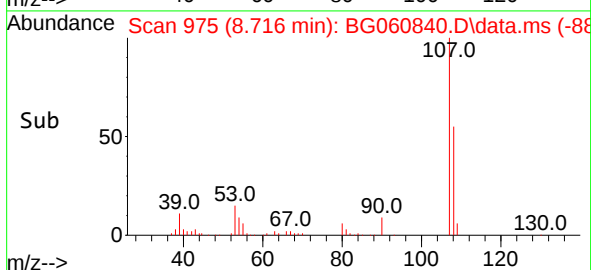
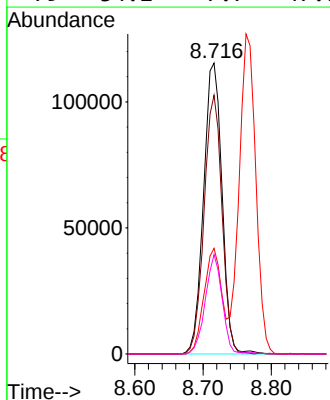
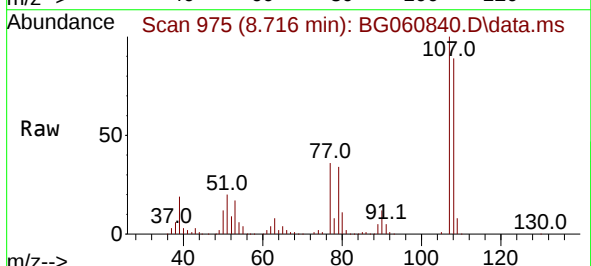
Reviewed By :Yogesh Patel 04/10/2024

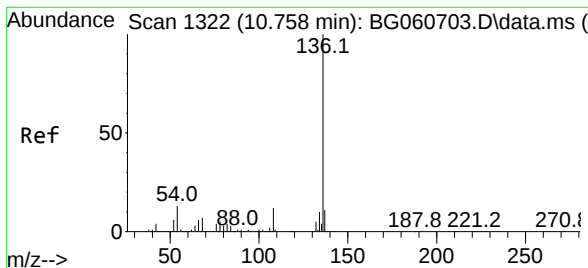
Supervised By :mohammad ahmed 04/10/2024



#20  
3+4-Methylphenols  
Concen: 41.624 ng  
RT: 8.716 min Scan# 975  
Delta R.T. -0.003 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:107 Resp: 216785  
Ion Ratio Lower Upper  
107 100  
108 89.0 62.2 102.2  
77 36.3 14.1 54.1  
79 34.2 7.7 47.7





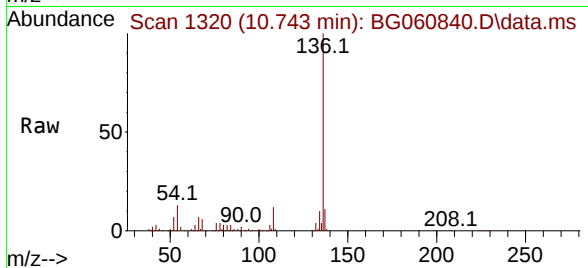
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.743 min Scan# 1320  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



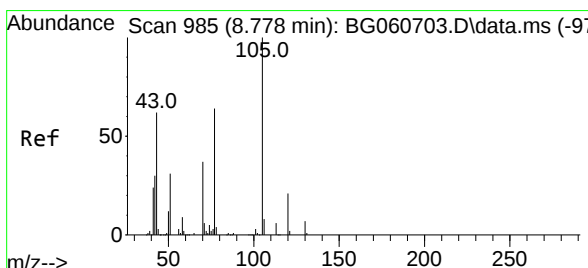
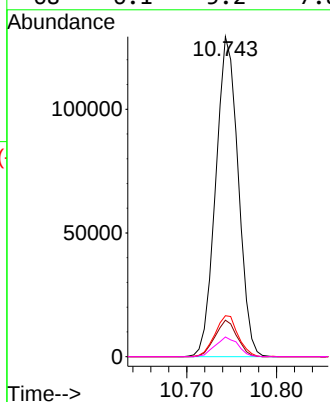
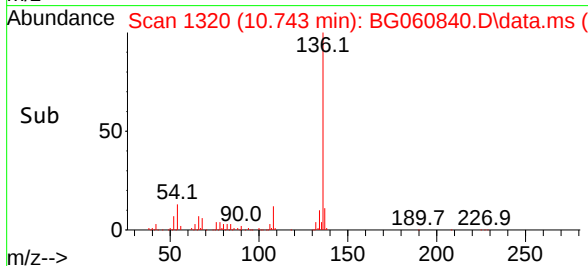
Tgt Ion:136 Resp: 224827  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 12.8 10.2 15.2  
68 6.1 5.2 7.8

Manual Integrations

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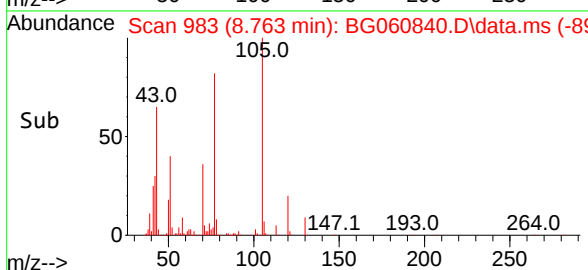
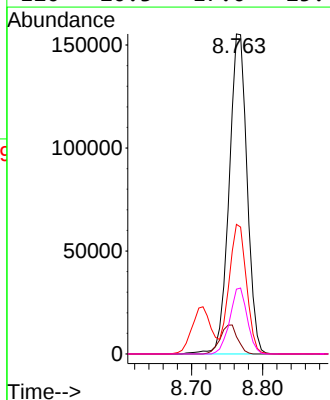
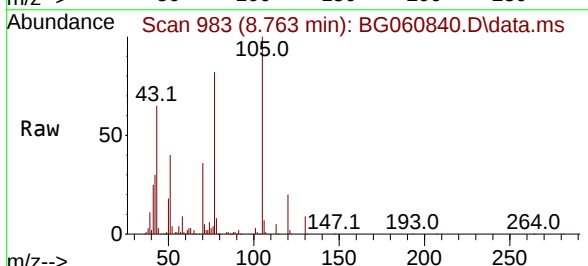
Reviewed By :Yogesh Patel 04/10/2024

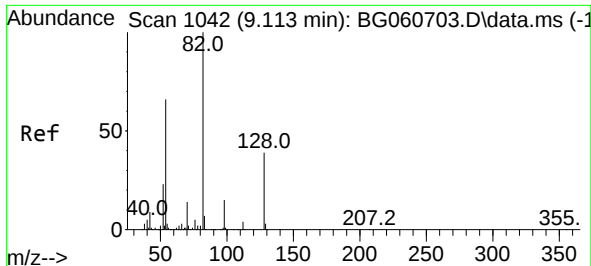
Supervised By :mohammad ahmed 04/10/2024



#22  
Acetophenone  
Concen: 44.028 ng  
RT: 8.763 min Scan# 983  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:105 Resp: 272941  
Ion Ratio Lower Upper  
105 100  
71 5.4 4.9 7.3  
51 40.5 31.1 46.7  
120 20.3 17.0 25.4





#23  
Nitrobenzene-d5  
Concen: 100.183 ng  
RT: 9.104 min Scan# 1041  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

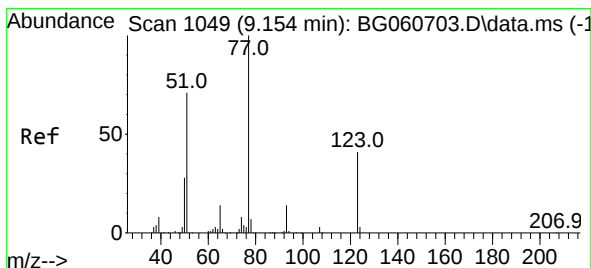
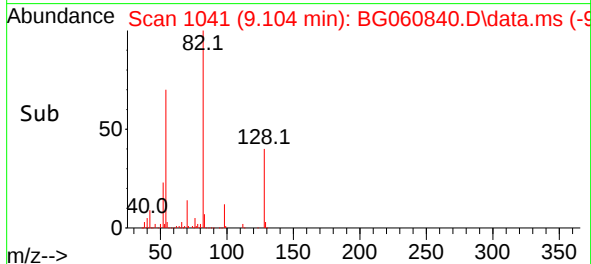
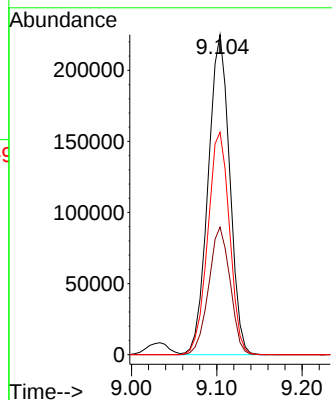
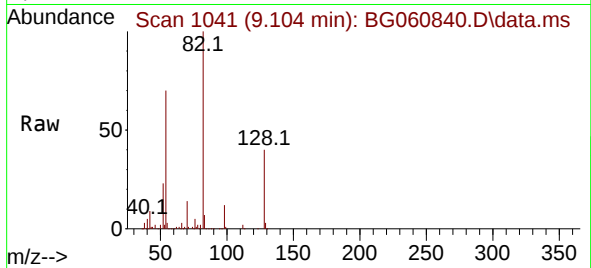
ClientSampleId :

PB160074BSD

Tgt Ion: 82 Resp: 39472  
Ion Ratio Lower Upper  
82 100  
128 39.8 31.2 46.8  
54 69.5 53.2 79.8

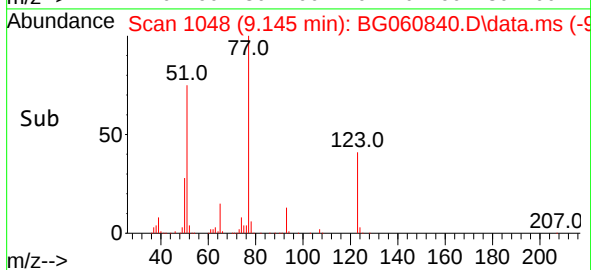
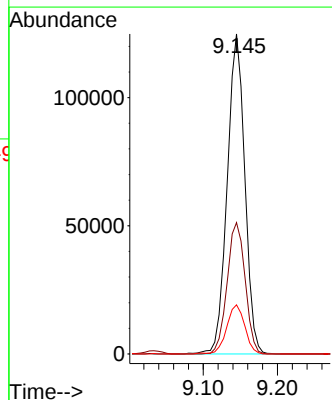
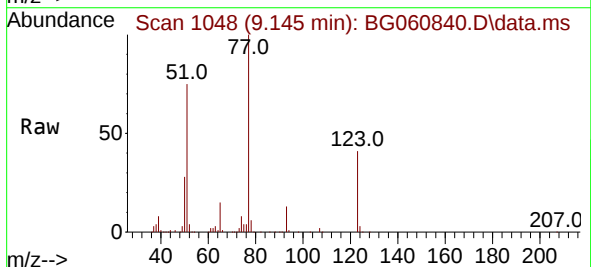
Manual Integrations  
APPROVED

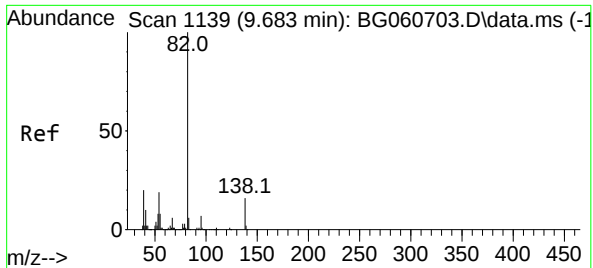
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#24  
Nitrobenzene  
Concen: 46.880 ng  
RT: 9.145 min Scan# 1048  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

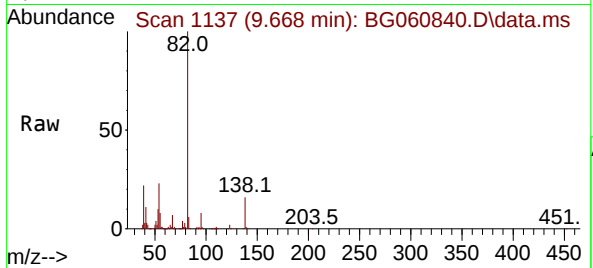
Tgt Ion: 77 Resp: 205303  
Ion Ratio Lower Upper  
77 100  
123 41.0 32.7 49.1  
65 15.3 11.3 16.9





#25  
Isophorone  
Concen: 41.911 ng  
RT: 9.668 min Scan# 1137  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

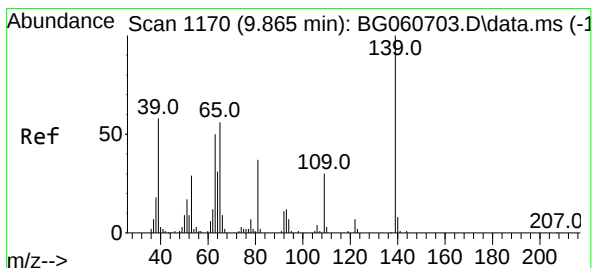
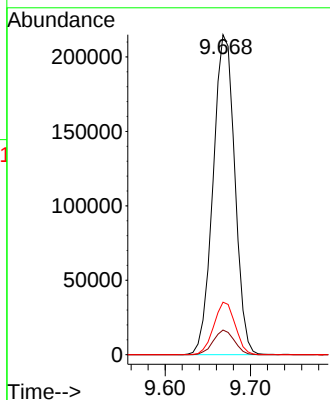
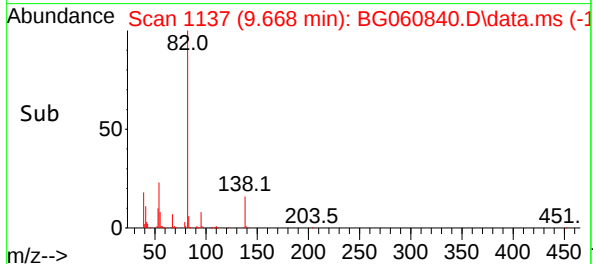
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion: 82 Resp: 380340  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.8 8.8  
138 16.4 13.0 19.4

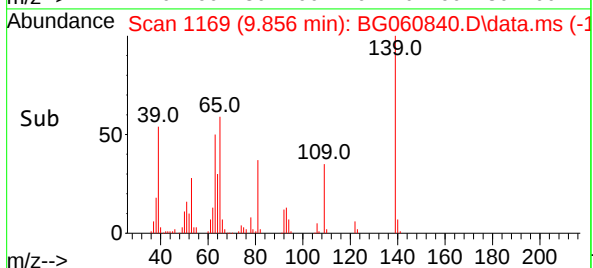
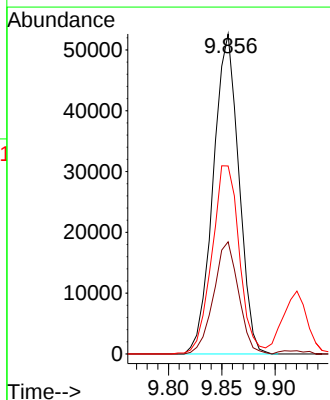
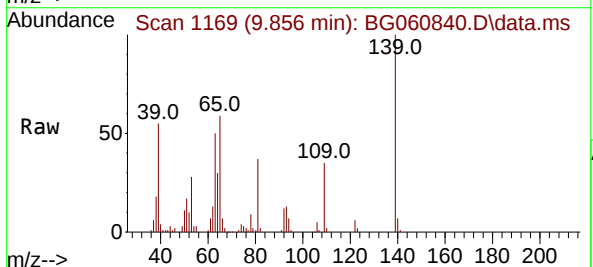
Manual Integrations  
APPROVED

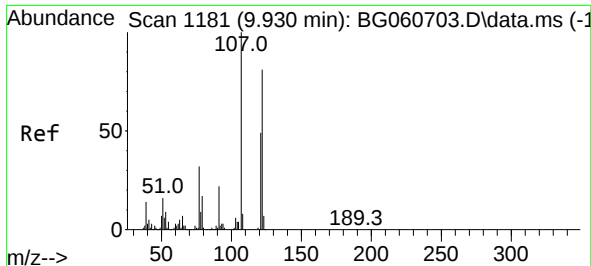
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#26  
2-Nitrophenol  
Concen: 55.413 ng  
RT: 9.856 min Scan# 1169  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:139 Resp: 87821  
Ion Ratio Lower Upper  
139 100  
109 35.1 23.9 35.9  
65 58.8 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.451 ng

RT: 9.920 min Scan# 1181

Delta R.T. -0.010 min

Lab File: BG060840.D

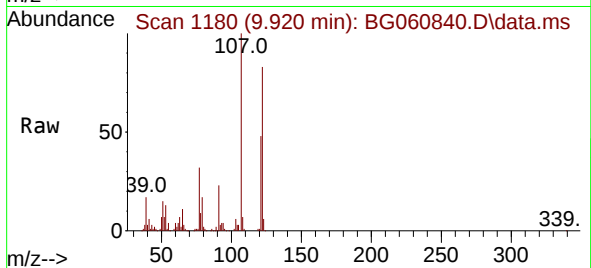
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



Tgt Ion:122 Resp: 132880

Ion Ratio Lower Upper

122 100

107 120.5 98.6 147.8

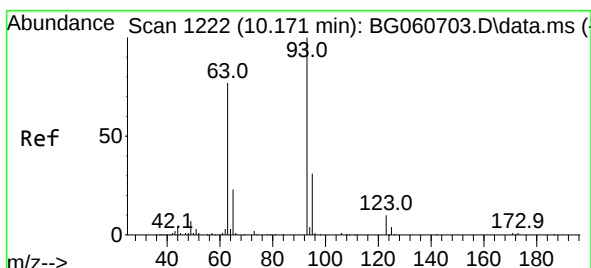
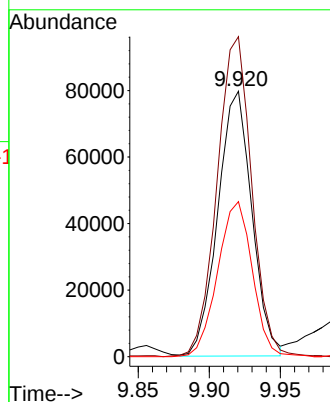
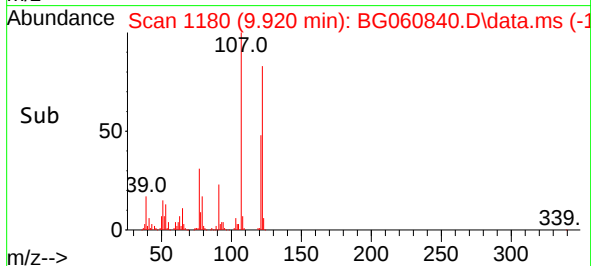
121 58.4 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.282 ng

RT: 10.155 min Scan# 1220

Delta R.T. -0.015 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

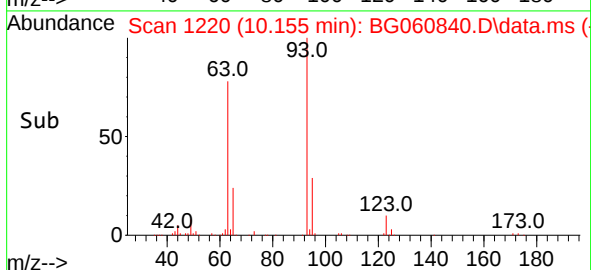
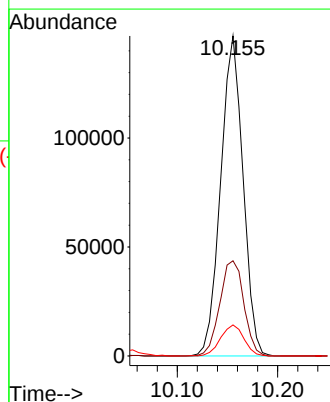
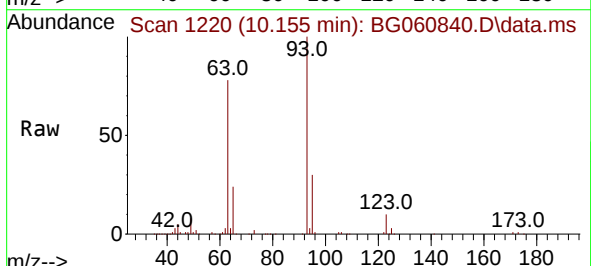
Tgt Ion: 93 Resp: 226536

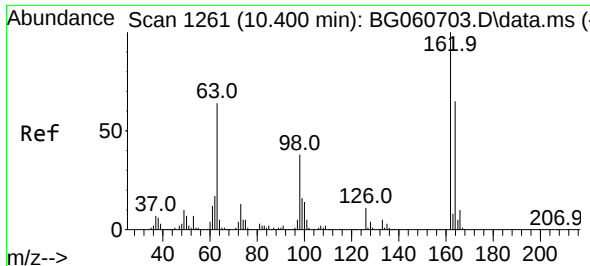
Ion Ratio Lower Upper

93 100

95 29.7 25.1 37.7

123 9.7 8.0 12.0





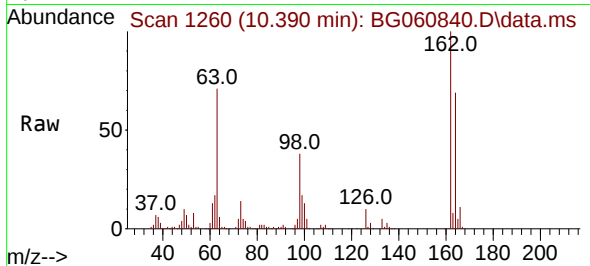
#29  
2,4-Dichlorophenol  
Concen: 53.635 ng  
RT: 10.390 min Scan# 1260  
Delta R.T. -0.010 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



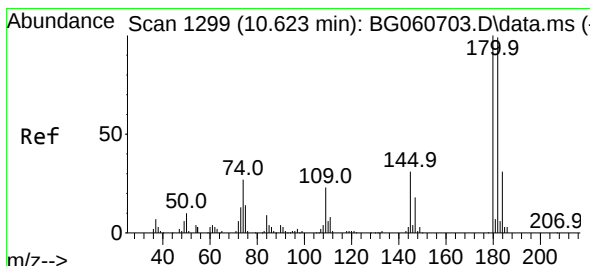
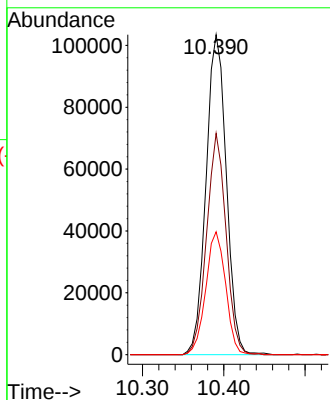
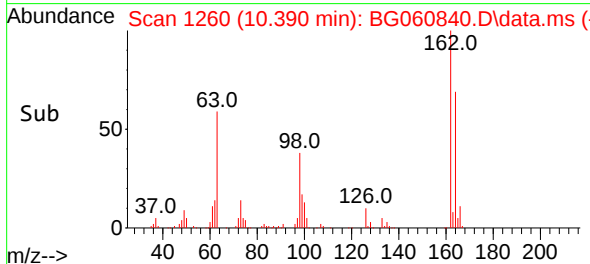
Tgt Ion:162 Resp: 179549  
Ion Ratio Lower Upper  
162 100  
164 69.1 45.2 85.2  
98 38.4 17.7 57.7

Manual Integrations

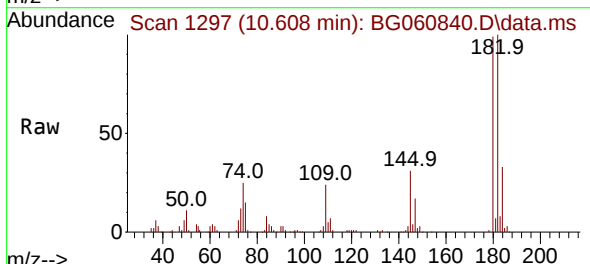
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

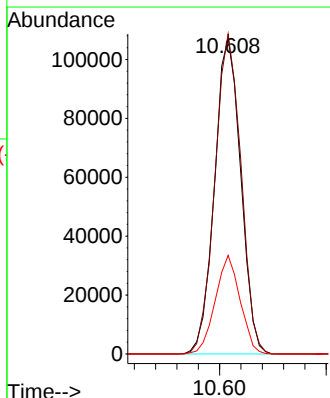
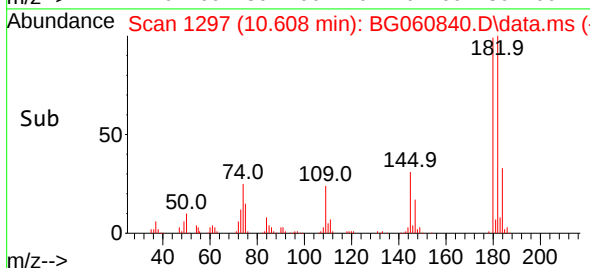
Supervised By :mohammad ahmed 04/10/2024

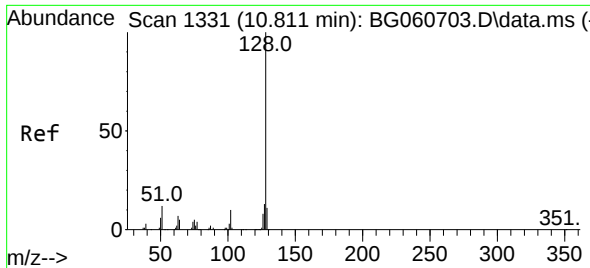


#30  
1,2,4-Trichlorobenzene  
Concen: 48.142 ng  
RT: 10.608 min Scan# 1297  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion:180 Resp: 182489  
Ion Ratio Lower Upper  
180 100  
182 101.3 79.0 118.4  
145 31.2 24.9 37.3





#31  
Naphthalene  
Concen: 42.974 ng  
RT: 10.796 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

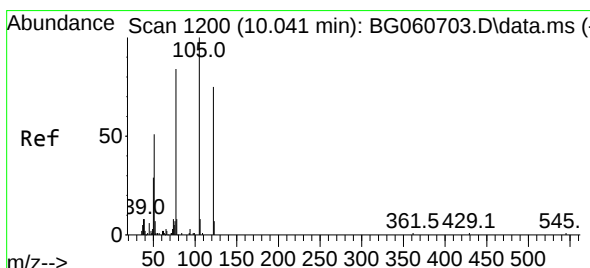
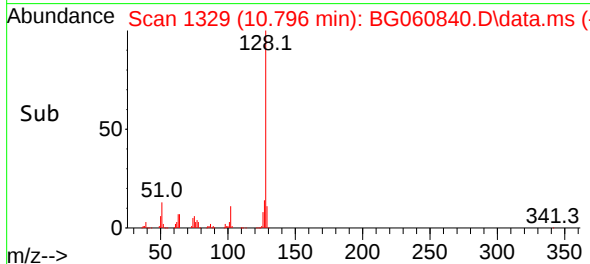
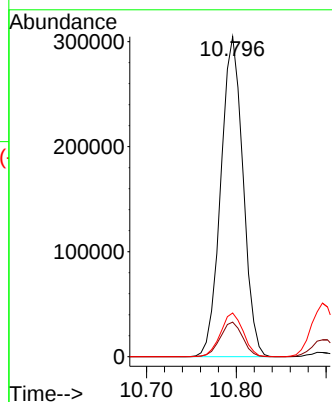
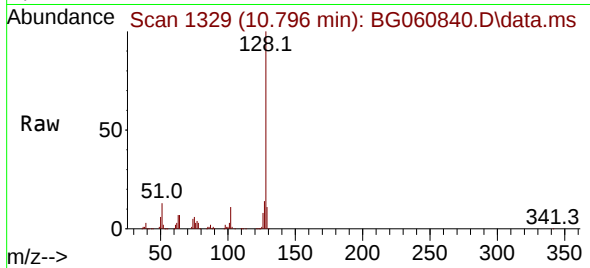
Tgt Ion:128 Resp: 522638  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.5 12.7  
127 13.7 10.5 15.7

Manual Integrations

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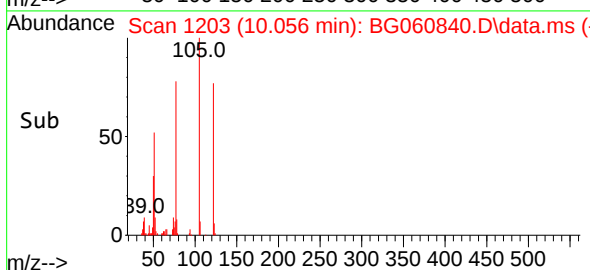
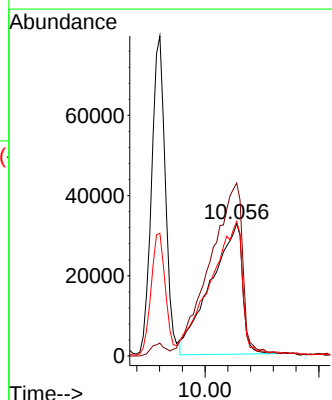
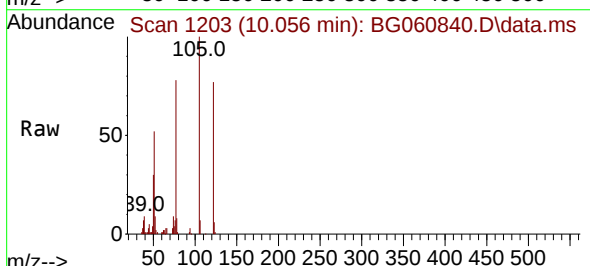
Reviewed By :Yogesh Patel 04/10/2024

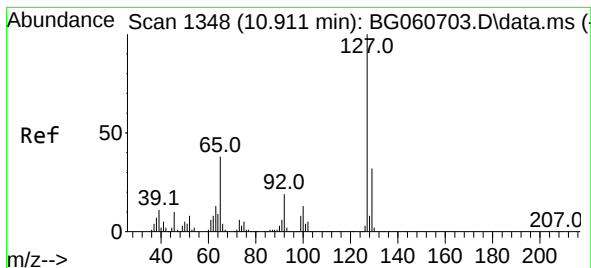
Supervised By :mohammad ahmed 04/10/2024



#32  
Benzoic acid  
Concen: 51.117 ng  
RT: 10.056 min Scan# 1203  
Delta R.T. 0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:122 Resp: 125236  
Ion Ratio Lower Upper  
122 100  
105 130.5 104.5 144.5  
77 101.4 85.3 125.3





#33  
4-Chloroaniline  
Concen: 16.625 ng  
RT: 10.896 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

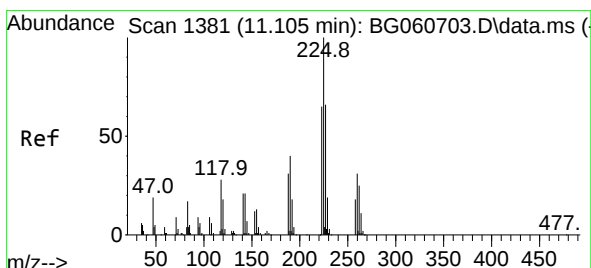
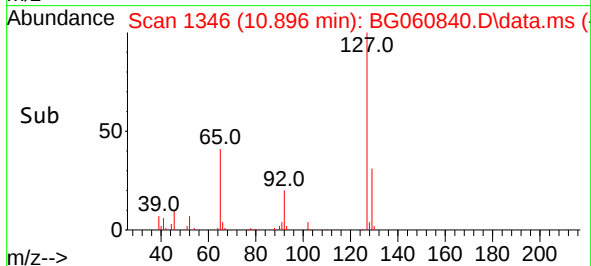
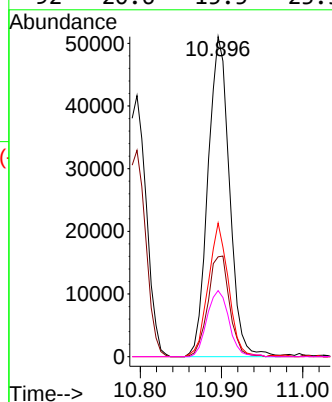
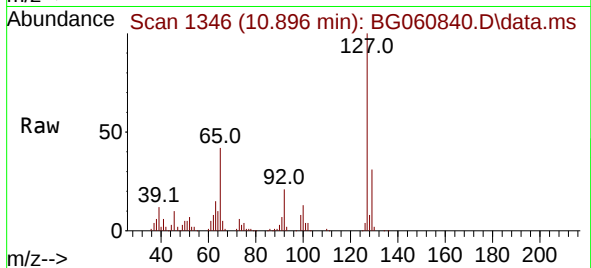
PB160074BSD

Tgt Ion:127 Resp: 93910  
Ion Ratio Lower Upper  
127 100  
129 31.2 25.3 37.9  
65 41.8 30.2 45.2  
92 20.6 15.5 23.3

Manual Integrations

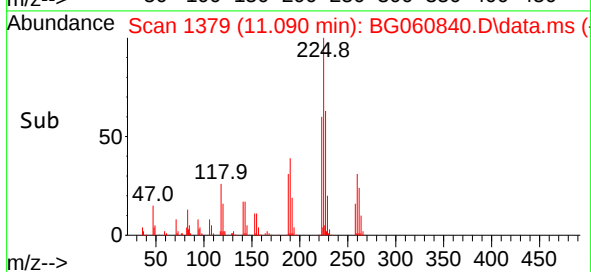
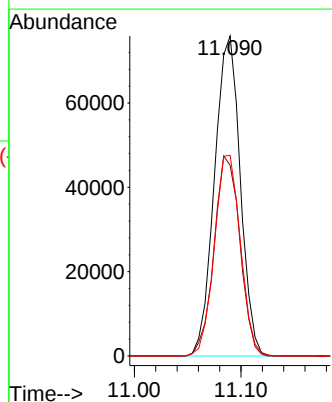
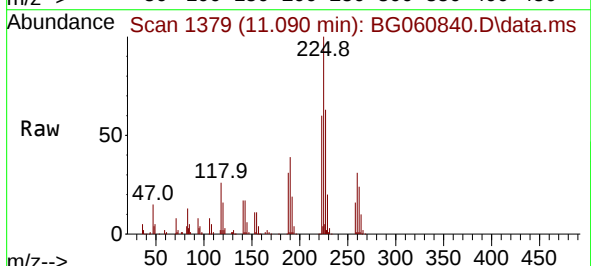
APPROVED

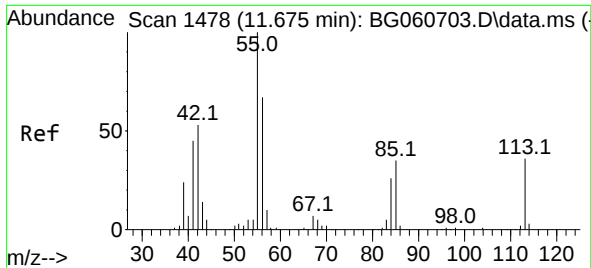
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#34  
Hexachlorobutadiene  
Concen: 50.390 ng  
RT: 11.090 min Scan# 1379  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:225 Resp: 127300  
Ion Ratio Lower Upper  
225 100  
223 59.6 52.0 78.0  
227 62.7 52.5 78.7





#35  
 Caprolactam  
 Concen: 46.149 ng m  
 RT: 11.665 min Scan# 1477  
 Delta R.T. -0.009 min  
 Lab File: BG060840.D  
 Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

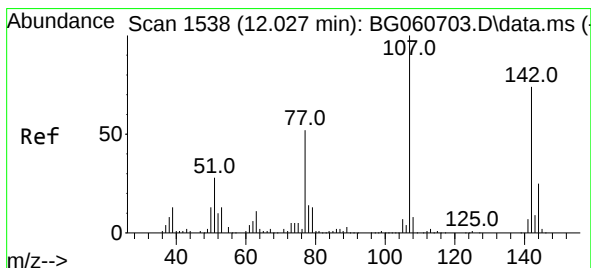
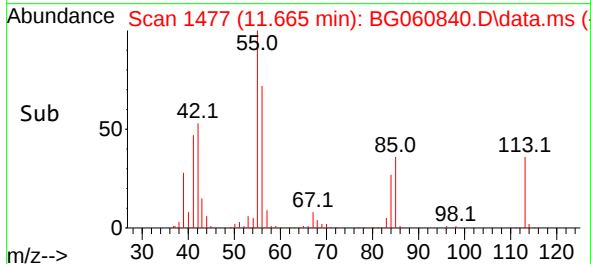
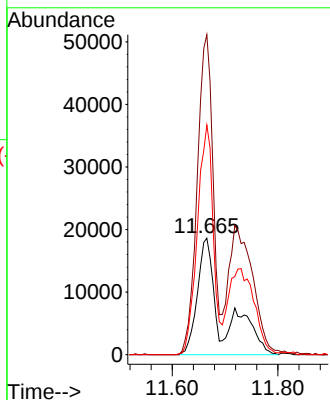
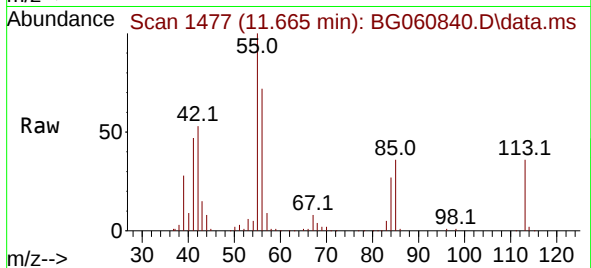
ClientSampleId :

PB160074BSD

Tgt Ion:113 Resp: 6118  
 Ion Ratio Lower Upper  
 113 100  
 55 274.8 258.0 298.0  
 56 197.2 166.3 206.3

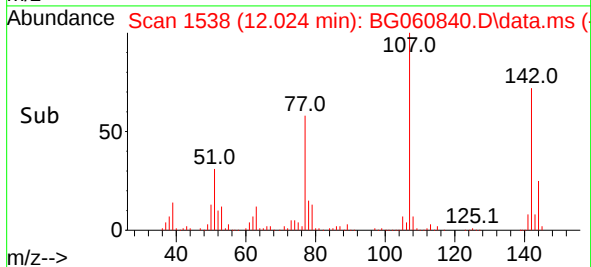
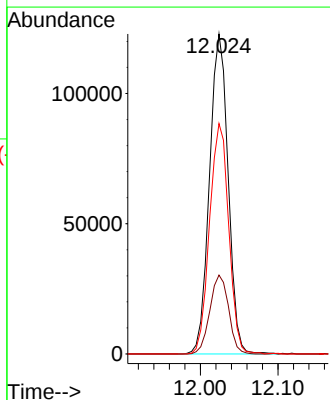
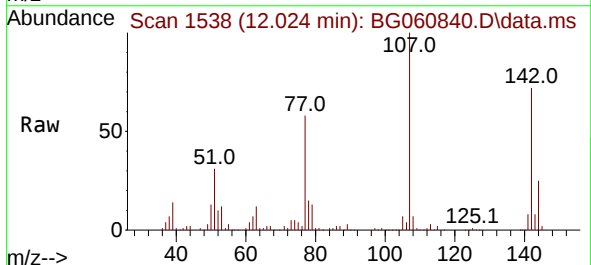
Manual Integrations  
 APPROVED

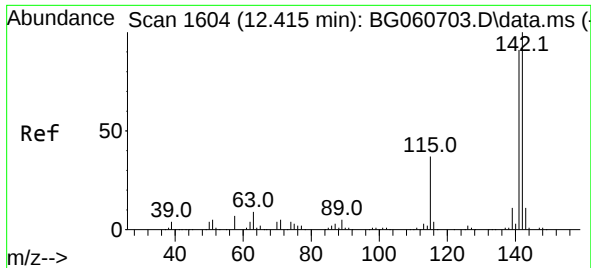
Reviewed By :Yogesh Patel 04/10/2024  
 Supervised By :mohammad ahmed 04/10/2024



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.989 ng  
 RT: 12.024 min Scan# 1538  
 Delta R.T. -0.003 min  
 Lab File: BG060840.D  
 Acq: 9 Apr 2024 11:31

Tgt Ion:107 Resp: 205219  
 Ion Ratio Lower Upper  
 107 100  
 144 24.7 20.0 30.0  
 142 72.0 59.2 88.8





#37  
2-Methylnaphthalene  
Concen: 42.145 ng  
RT: 12.400 min Scan# 1602  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

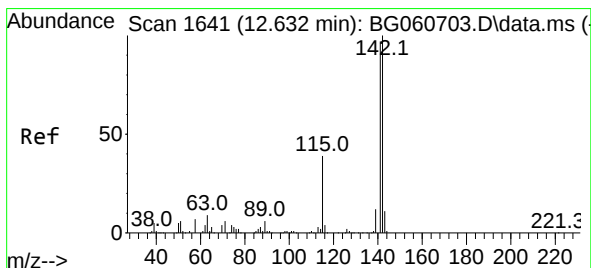
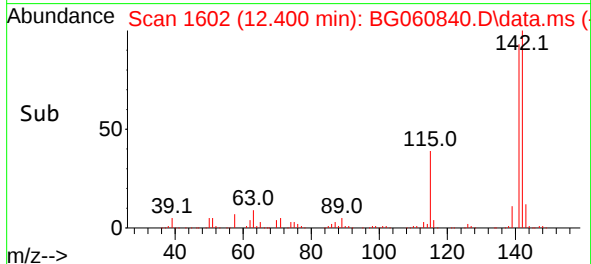
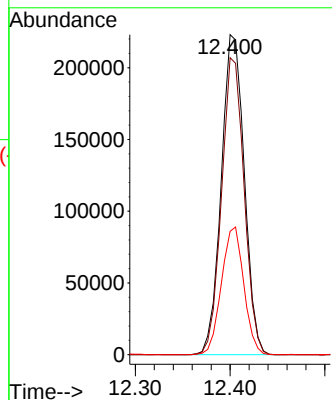
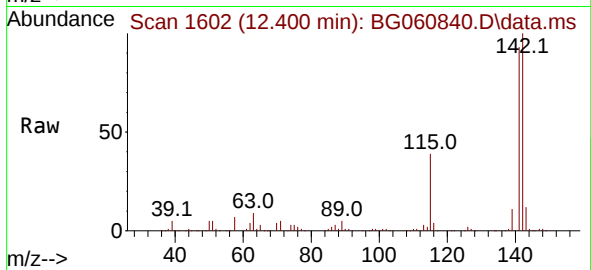
ClientSampleId :

PB160074BSD

Tgt Ion:142 Resp: 376834  
Ion Ratio Lower Upper  
142 100  
141 92.8 72.7 109.1  
115 38.5 29.9 44.9

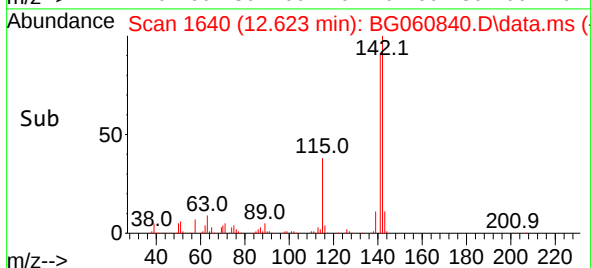
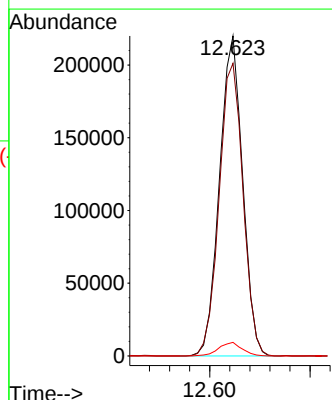
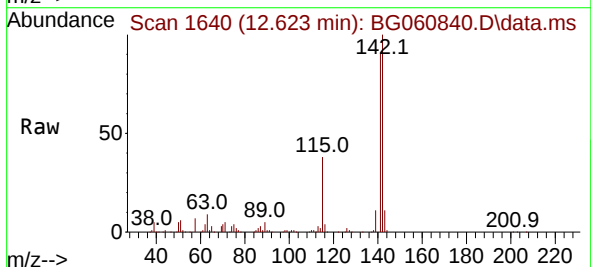
Manual Integrations  
APPROVED

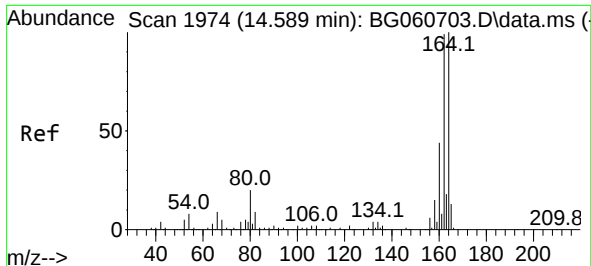
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#38  
1-Methylnaphthalene  
Concen: 41.557 ng  
RT: 12.623 min Scan# 1640  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:142 Resp: 351021  
Ion Ratio Lower Upper  
142 100  
141 91.4 77.7 116.5  
116 4.3 3.4 5.2





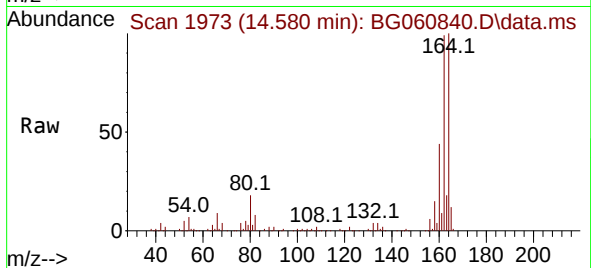
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.580 min Scan# 1974  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



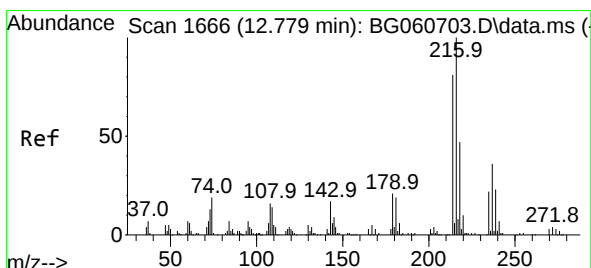
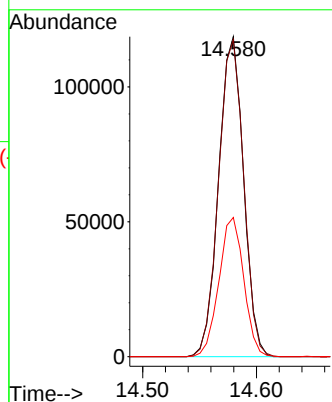
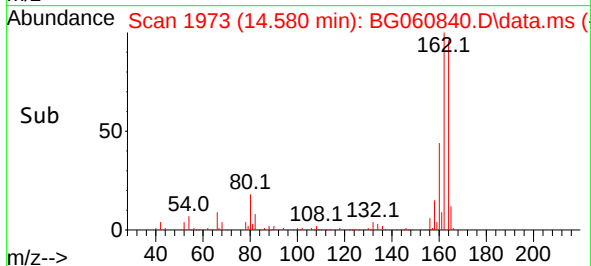
Tgt Ion:164 Resp: 180582  
Ion Ratio Lower Upper  
164 100  
162 99.1 79.5 119.3  
160 43.5 35.4 53.0

Manual Integrations

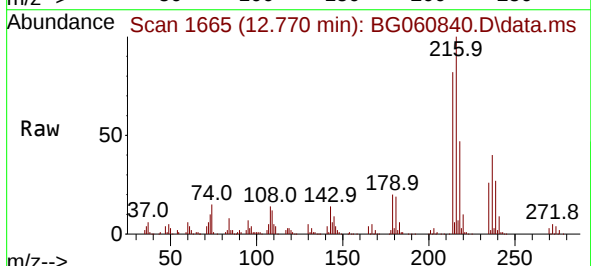
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

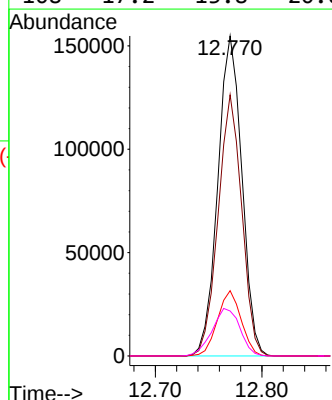
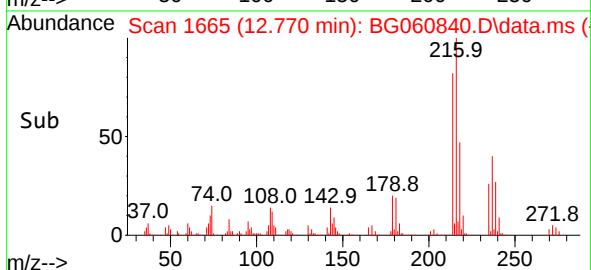
Supervised By :mohammad ahmed 04/10/2024

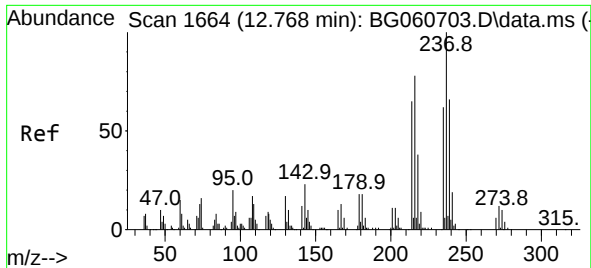


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.702 ng  
RT: 12.770 min Scan# 1665  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion:216 Resp: 242453  
Ion Ratio Lower Upper  
216 100  
214 79.9 63.1 94.7  
179 20.0 16.7 25.1  
108 17.2 13.8 20.6





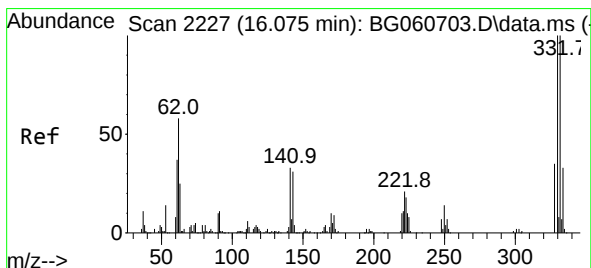
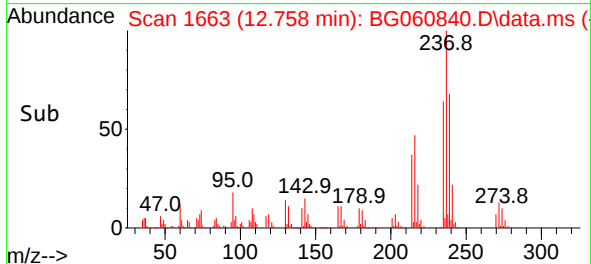
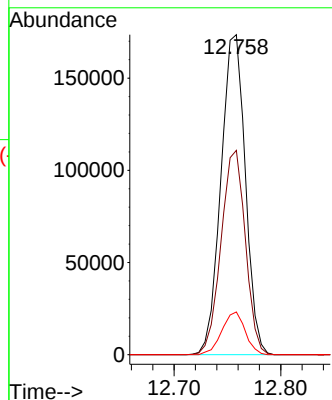
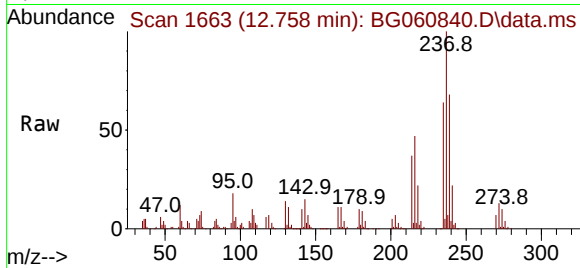
#41  
Hexachlorocyclopentadiene  
Concen: 104.339 ng  
RT: 12.758 min Scan# 1663  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD

Tgt Ion:237 Resp: 27543  
Ion Ratio Lower Upper  
237 100  
235 63.8 42.0 82.0  
272 13.4 0.0 32.4

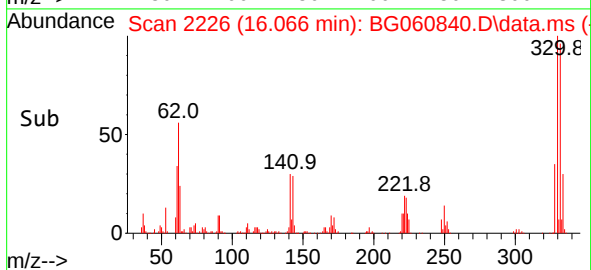
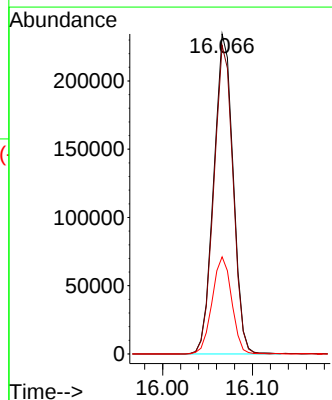
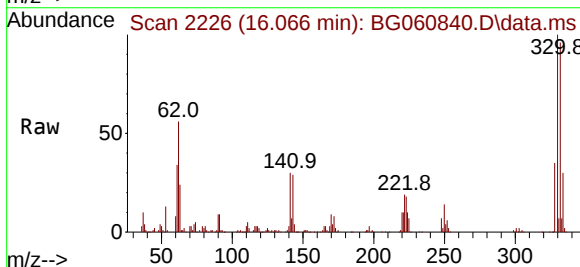
Manual Integrations  
APPROVED

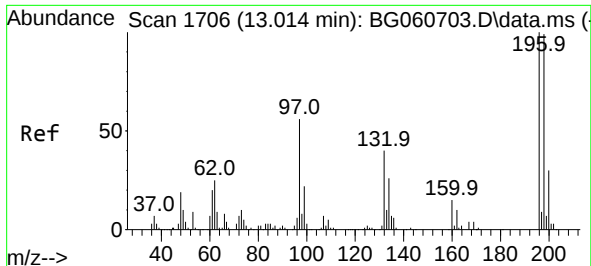
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#42  
2,4,6-Tribromophenol  
Concen: 171.352 ng  
RT: 16.066 min Scan# 2226  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:330 Resp: 351255  
Ion Ratio Lower Upper  
330 100  
332 96.1 78.2 117.4  
141 30.6 27.0 40.6





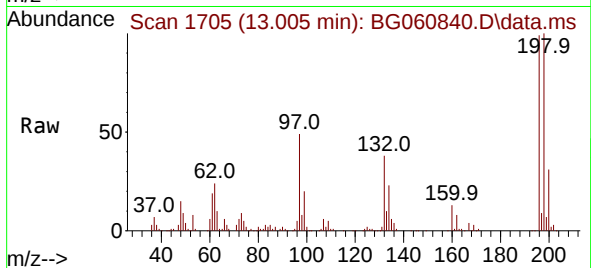
#43  
2,4,6-Trichlorophenol  
Concen: 50.768 ng  
RT: 13.005 min Scan# 1705  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

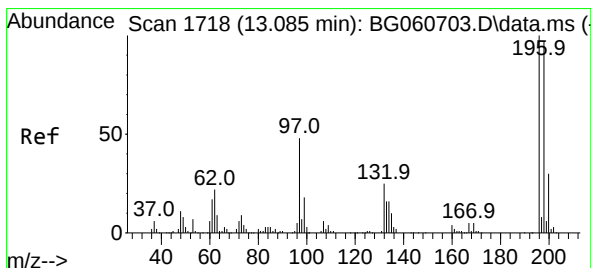
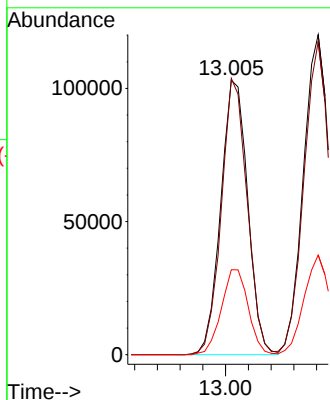
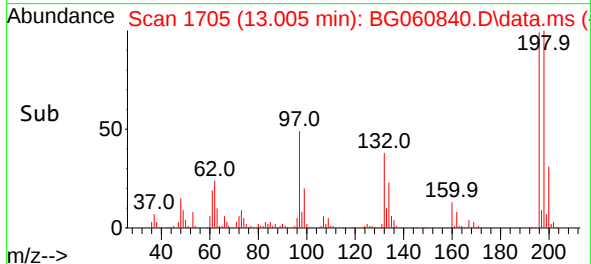


Tgt Ion:196 Resp: 16971  
Ion Ratio Lower Upper  
196 100  
198 100.7 79.1 118.7  
200 30.9 24.0 36.0

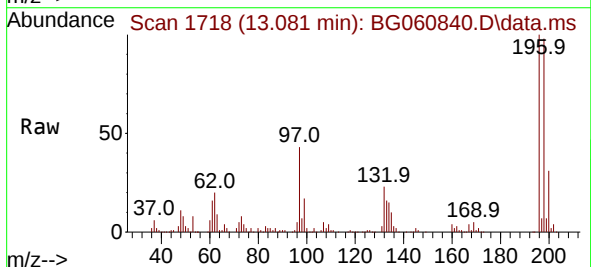
Manual Integrations

APPROVED

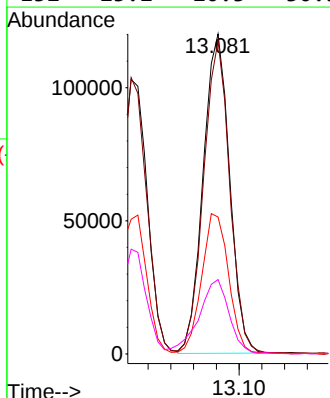
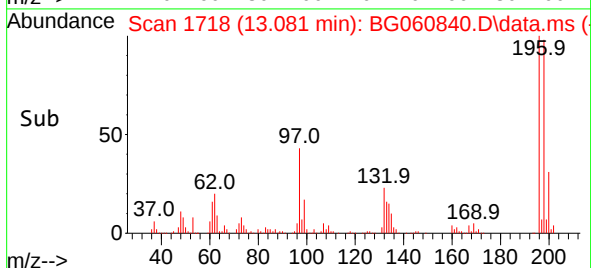
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#44  
2,4,5-Trichlorophenol  
Concen: 48.647 ng  
RT: 13.081 min Scan# 1718  
Delta R.T. -0.003 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion:196 Resp: 194073  
Ion Ratio Lower Upper  
196 100  
198 97.8 77.8 116.8  
97 42.8 38.2 57.4  
132 23.2 20.3 30.5





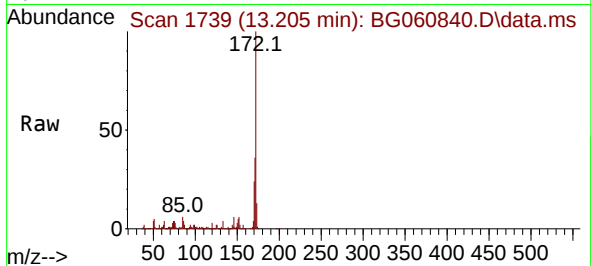
#45  
2-Fluorobiphenyl  
Concen: 82.266 ng  
RT: 13.205 min Scan# 1739  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



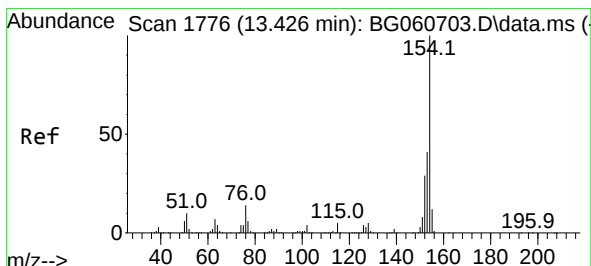
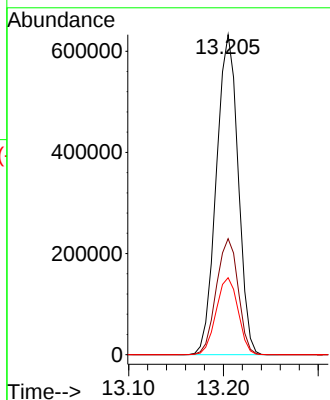
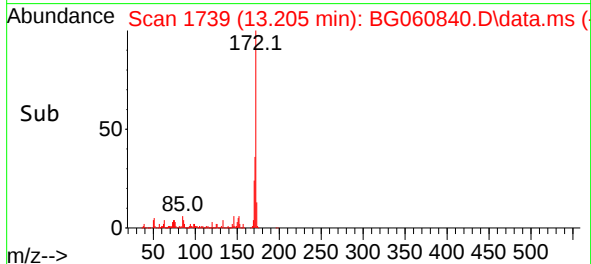
Tgt Ion:172 Resp: 101223  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.7 43.1  
170 24.1 19.4 29.0

Manual Integrations

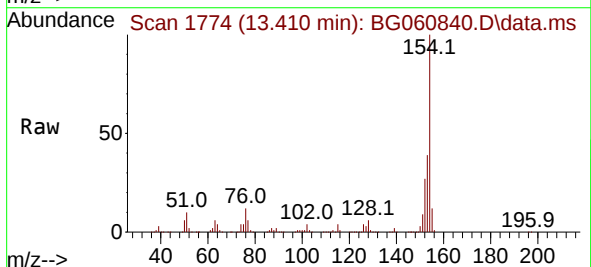
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

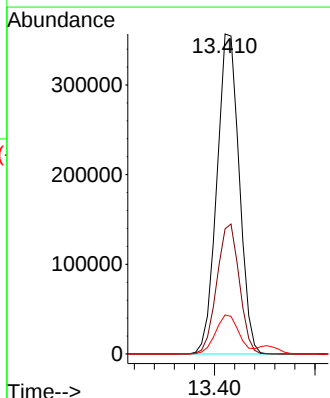
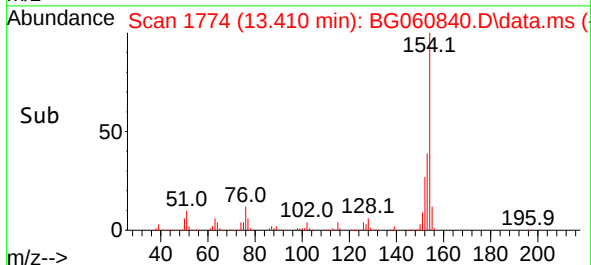
Supervised By :mohammad ahmed 04/10/2024

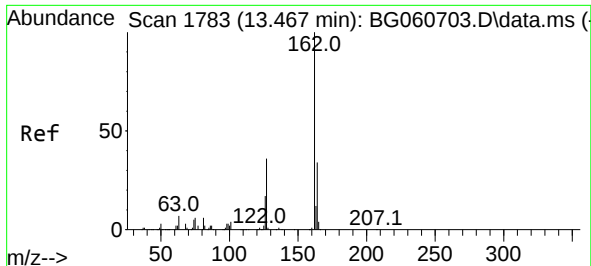


#46  
1,1'-Biphenyl  
Concen: 43.134 ng  
RT: 13.410 min Scan# 1774  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



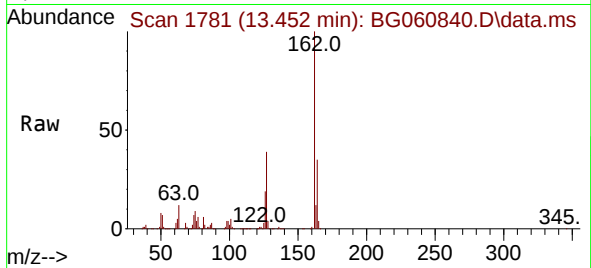
Tgt Ion:154 Resp: 550186  
Ion Ratio Lower Upper  
154 100  
153 39.1 20.8 60.8  
76 12.2 0.0 33.9





#47  
2-Chloronaphthalene  
Concen: 44.350 ng  
RT: 13.452 min Scan# 1781  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

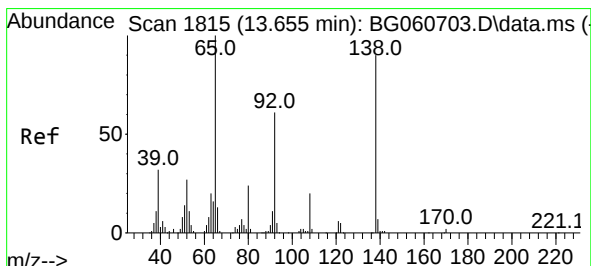
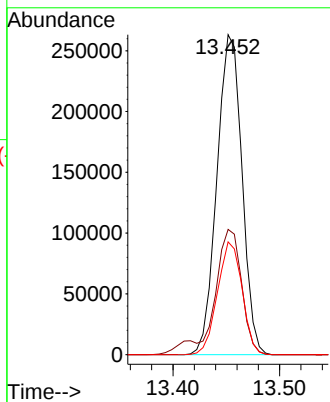
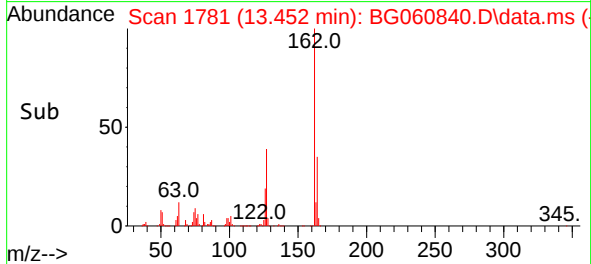
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion:162 Resp: 429800  
Ion Ratio Lower Upper  
162 100  
127 39.2 30.6 46.0  
164 35.3 26.9 40.3

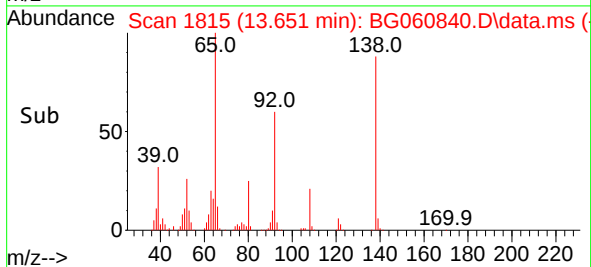
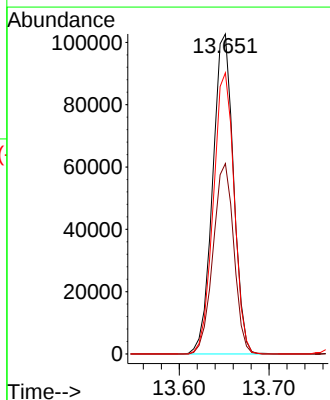
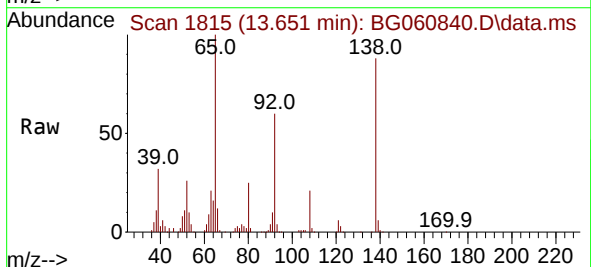
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#48  
2-Nitroaniline  
Concen: 51.777 ng  
RT: 13.651 min Scan# 1815  
Delta R.T. -0.004 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion: 65 Resp: 164906  
Ion Ratio Lower Upper  
65 100  
92 59.5 48.6 72.8  
138 87.9 72.2 108.4





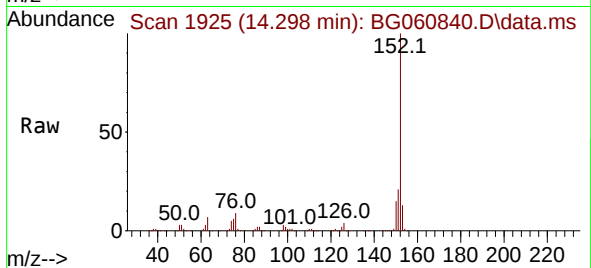
#49  
Acenaphthylene  
Concen: 44.799 ng  
RT: 14.298 min Scan# 1927  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

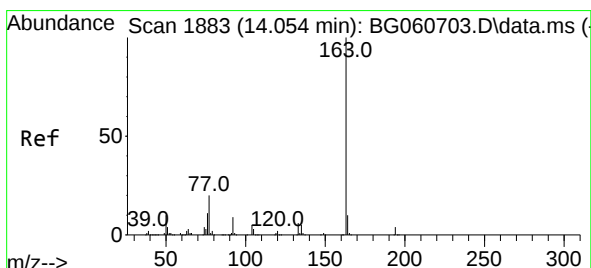
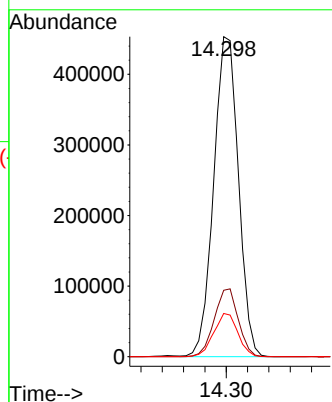
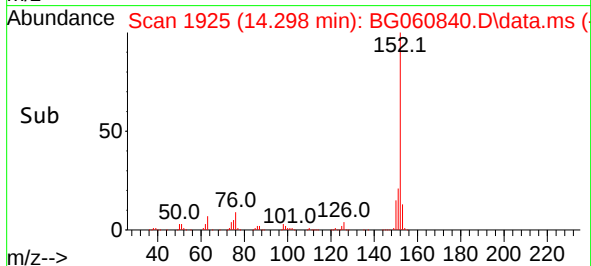


Tgt Ion:152 Resp: 72947  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.4 24.6  
153 13.5 10.5 15.7

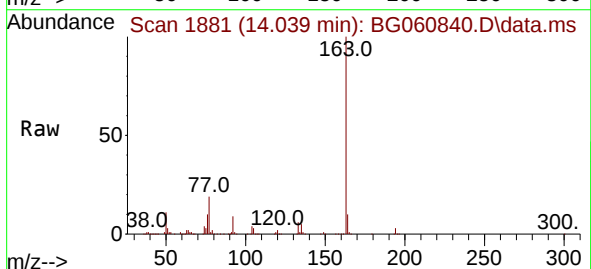
Manual Integrations

APPROVED

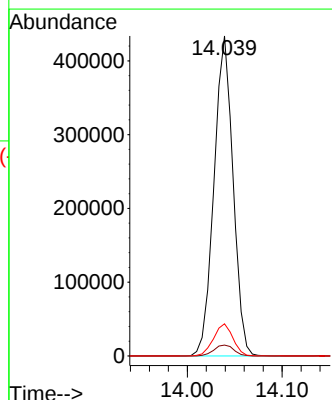
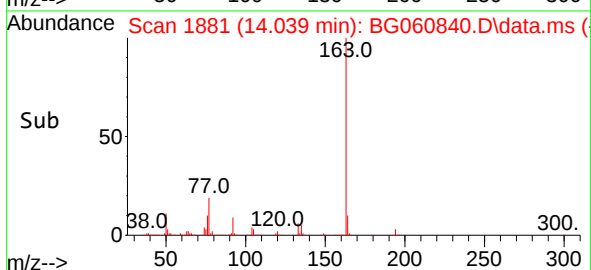
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024

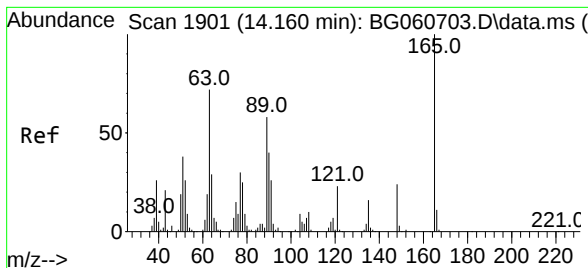


#50  
Dimethylphthalate  
Concen: 42.313 ng  
RT: 14.039 min Scan# 1881  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



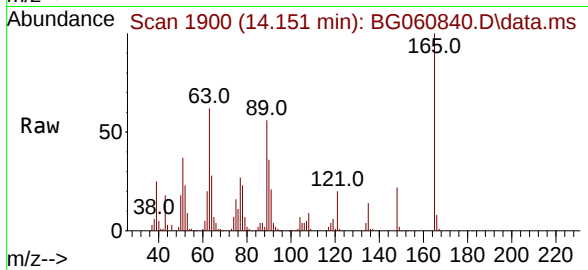
Tgt Ion:163 Resp: 603943  
Ion Ratio Lower Upper  
163 100  
194 3.4 3.0 4.6  
164 10.0 7.9 11.9





#51  
2,6-Dinitrotoluene  
Concen: 49.568 ng  
RT: 14.151 min Scan# 1901  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

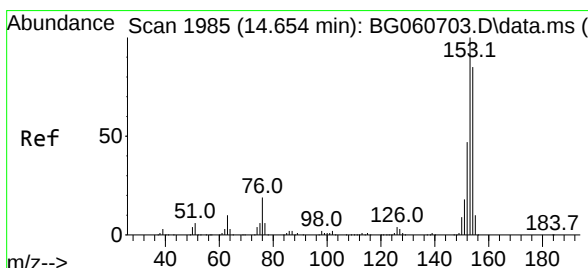
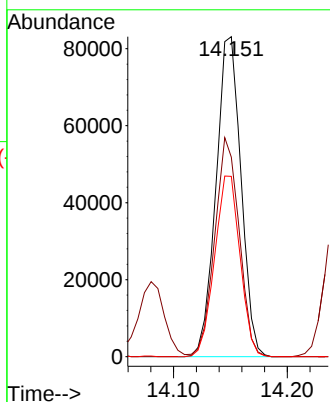
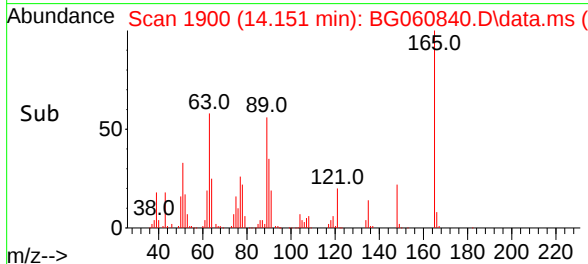
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion:165 Resp: 126989  
Ion Ratio Lower Upper  
165 100  
63 62.4 58.2 87.4  
89 56.3 46.1 69.1

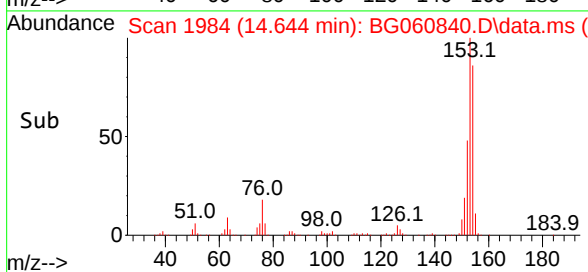
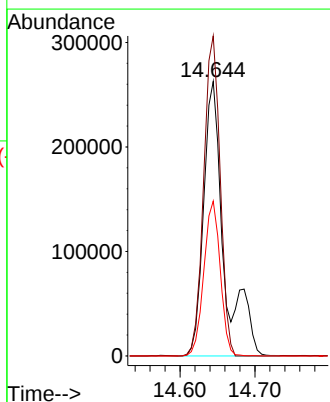
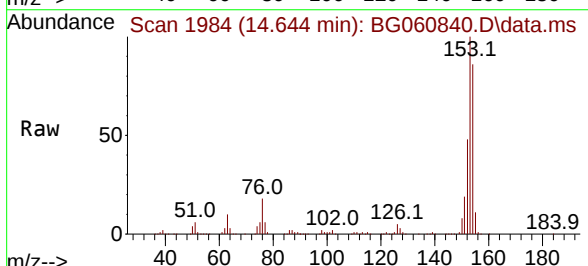
Manual Integrations  
APPROVED

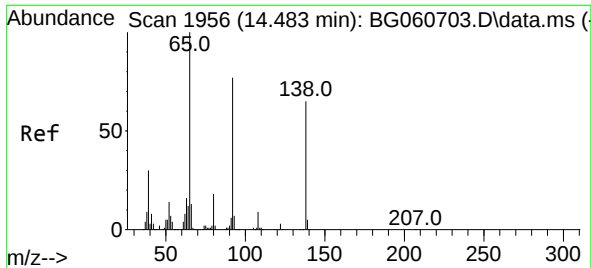
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#52  
Acenaphthene  
Concen: 48.931 ng m  
RT: 14.644 min Scan# 1984  
Delta R.T. -0.010 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:154 Resp: 500250  
Ion Ratio Lower Upper  
154 100  
153 116.6 93.9 140.9  
152 56.4 44.1 66.1





#53  
3-Nitroaniline  
Concen: 29.189 ng  
RT: 14.474 min Scan# 1955  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

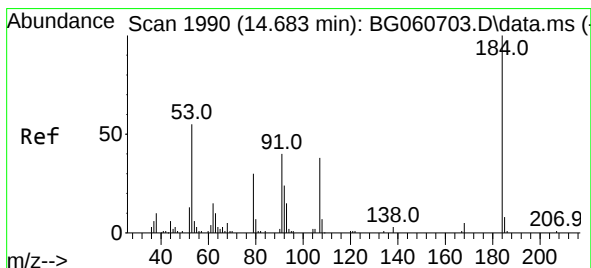
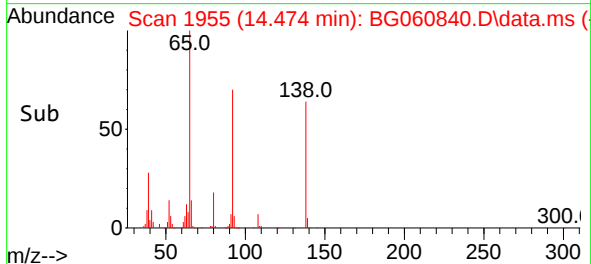
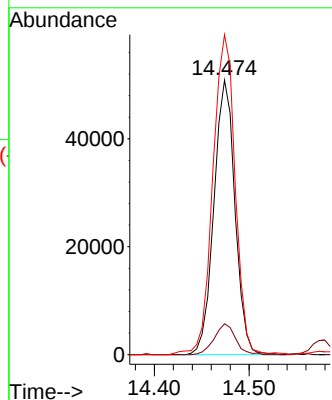
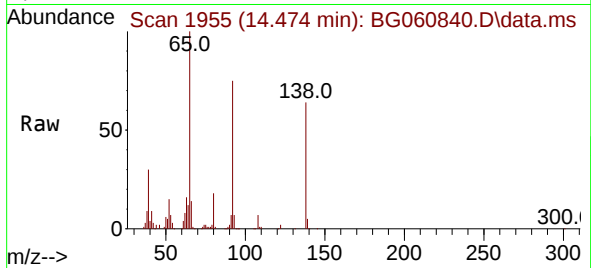
Tgt Ion:138 Resp: 7850  
Ion Ratio Lower Upper  
138 100  
108 11.2 11.3 16.9  
92 116.5 94.1 141.1

Manual Integrations

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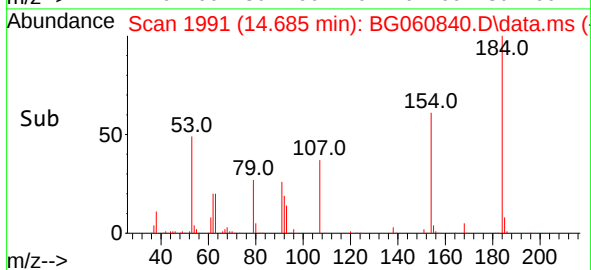
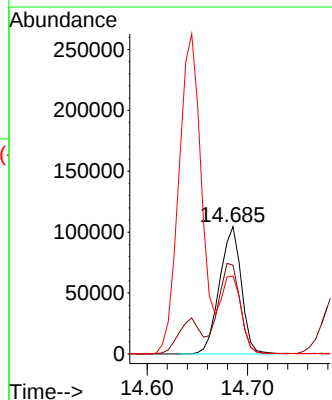
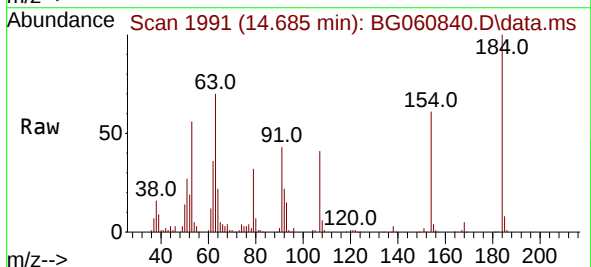
Reviewed By :Yogesh Patel 04/10/2024

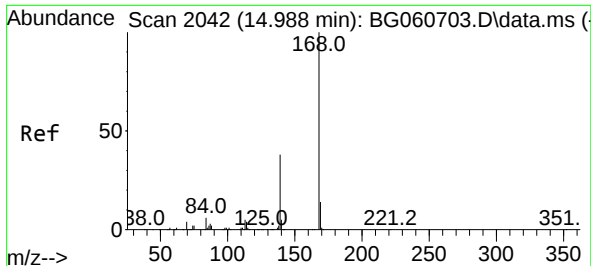
Supervised By :mohammad ahmed 04/10/2024



#54  
2,4-Dinitrophenol  
Concen: 158.194 ng  
RT: 14.685 min Scan# 1991  
Delta R.T. 0.002 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

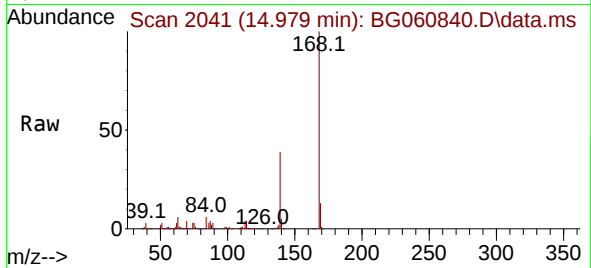
Tgt Ion:184 Resp: 157167  
Ion Ratio Lower Upper  
184 100  
63 69.7 51.3 76.9  
154 61.2 59.9 89.9





#55  
Dibenzofuran  
Concen: 42.430 ng  
RT: 14.979 min Scan# 2042  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

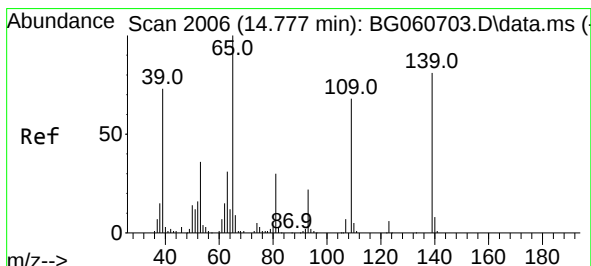
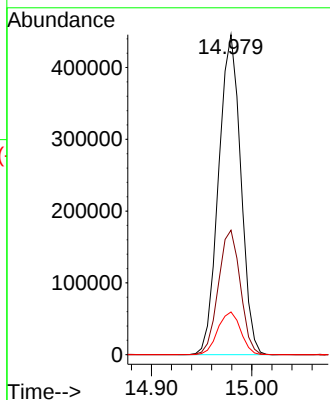
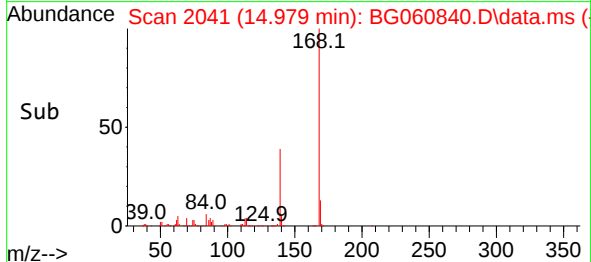
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion:168 Resp: 68423  
Ion Ratio Lower Upper  
168 100  
139 38.9 30.1 45.1  
169 13.3 11.0 16.4

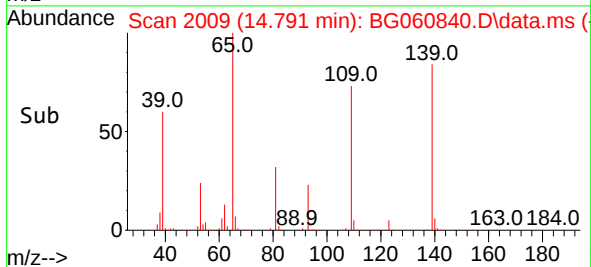
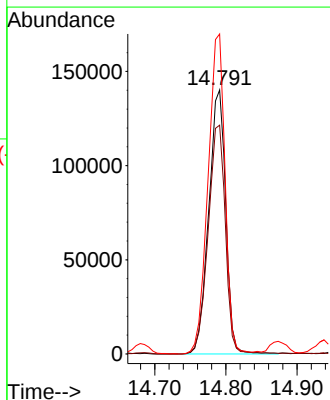
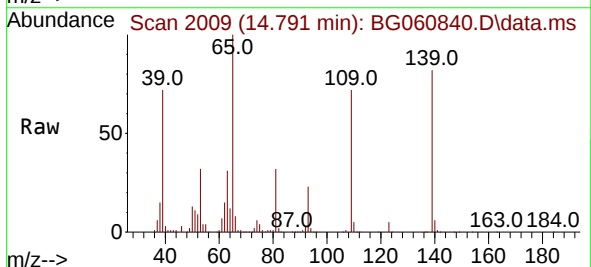
Manual Integrations  
APPROVED

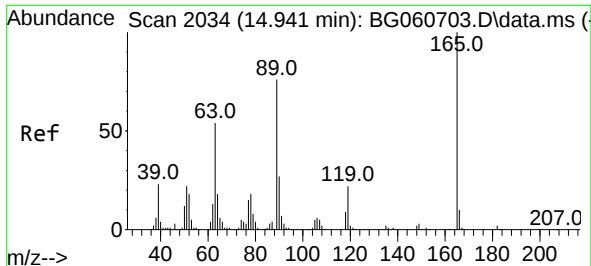
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#56  
4-Nitrophenol  
Concen: 111.649 ng  
RT: 14.791 min Scan# 2009  
Delta R.T. 0.014 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:139 Resp: 232967  
Ion Ratio Lower Upper  
139 100  
109 86.7 64.0 104.0  
65 121.2 104.3 144.3





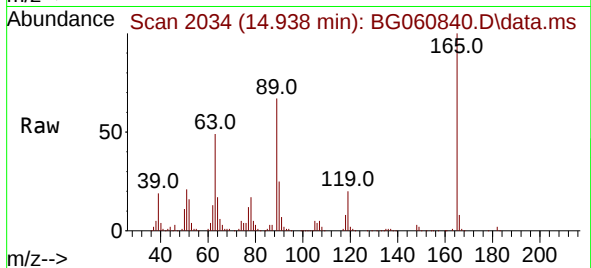
#57  
2,4-Dinitrotoluene  
Concen: 55.540 ng  
RT: 14.938 min Scan# 2034  
Delta R.T. -0.003 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

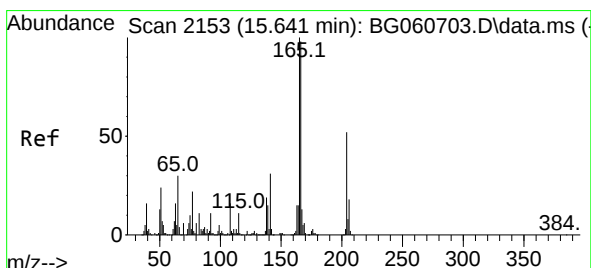
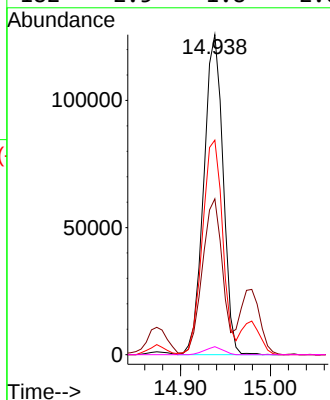
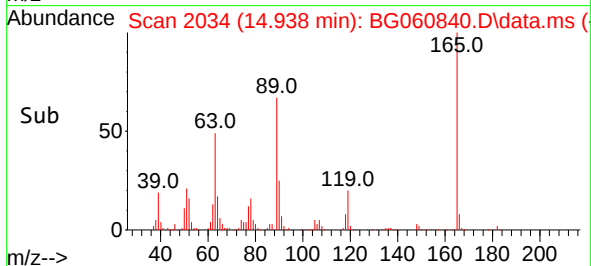


Tgt Ion:165 Resp: 187869  
Ion Ratio Lower Upper  
165 100  
63 48.7 43.4 65.0  
89 67.0 61.0 91.6  
182 2.5 1.8 2.6

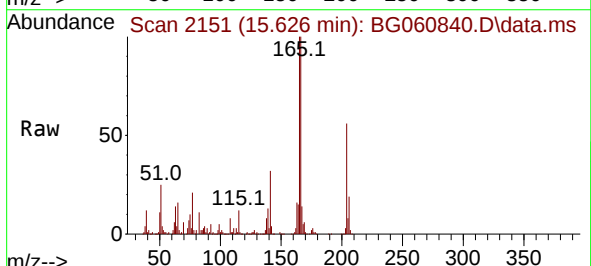
Manual Integrations

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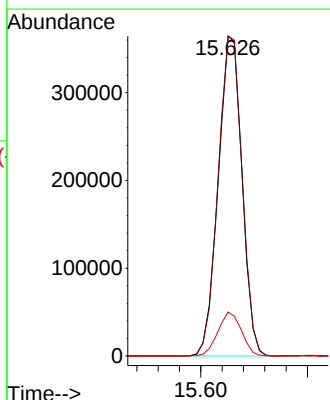
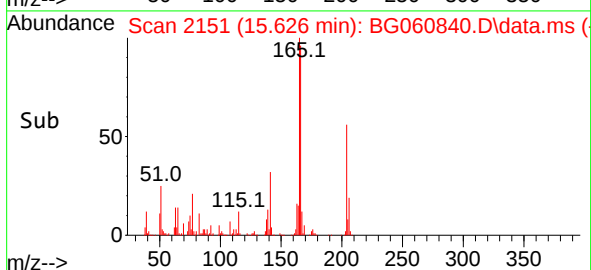
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024

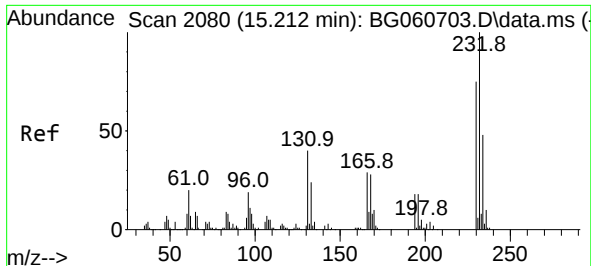


#58  
Fluorene  
Concen: 43.461 ng  
RT: 15.626 min Scan# 2151  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



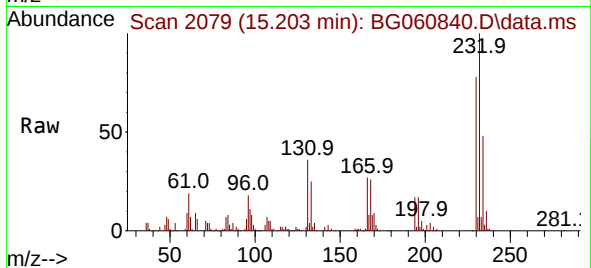
Tgt Ion:166 Resp: 562494  
Ion Ratio Lower Upper  
166 100  
165 99.9 81.8 122.8  
167 13.8 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.488 ng  
RT: 15.203 min Scan# 2080  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

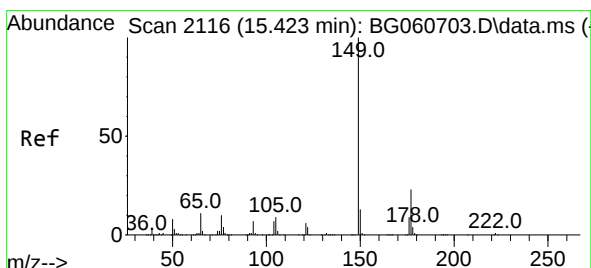
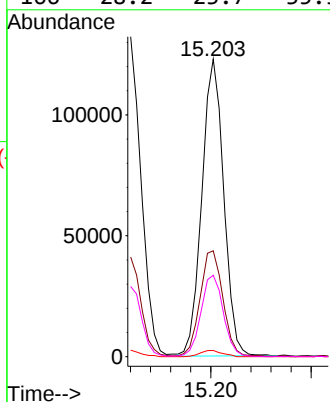
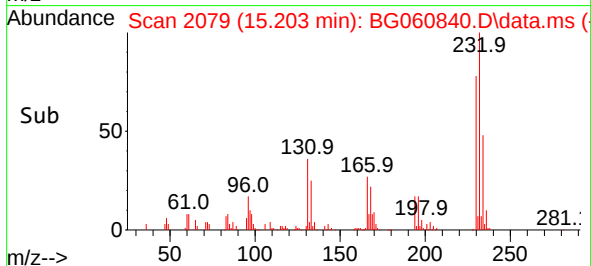
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



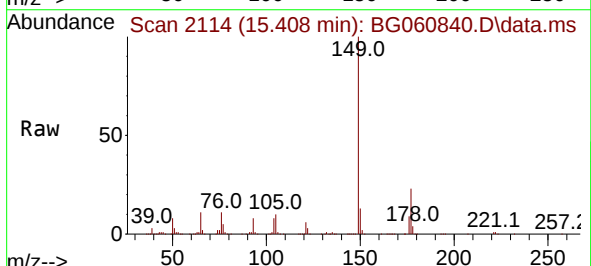
Tgt Ion:232 Resp: 185960  
Ion Ratio Lower Upper  
232 100  
131 37.9 32.2 48.2  
130 2.1 2.1 3.1  
166 28.2 23.7 35.5

Manual Integrations  
APPROVED

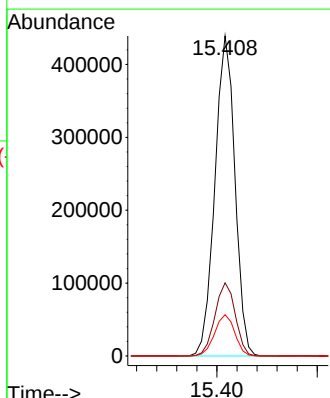
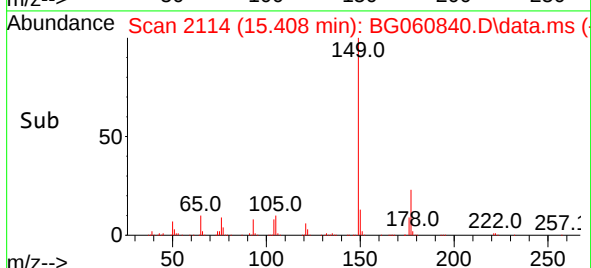
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#60  
Diethylphthalate  
Concen: 42.254 ng  
RT: 15.408 min Scan# 2114  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



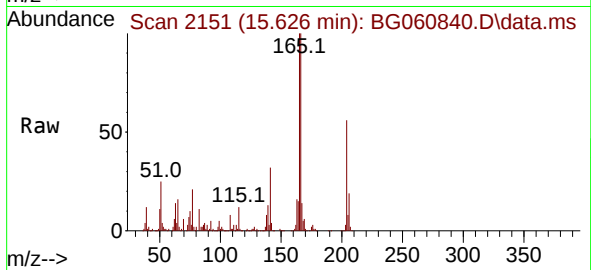
Tgt Ion:149 Resp: 606768  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.0 27.0  
150 12.9 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 44.335 ng  
RT: 15.626 min Scan# 2151  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

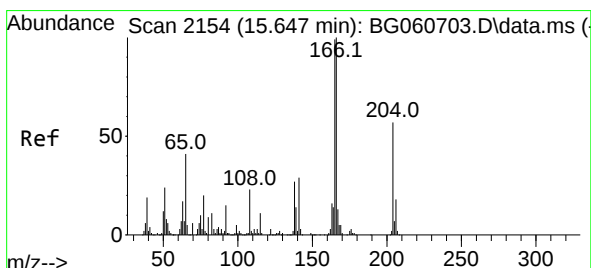
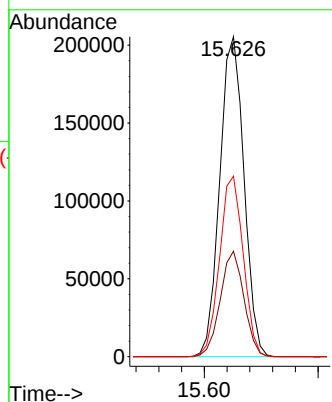
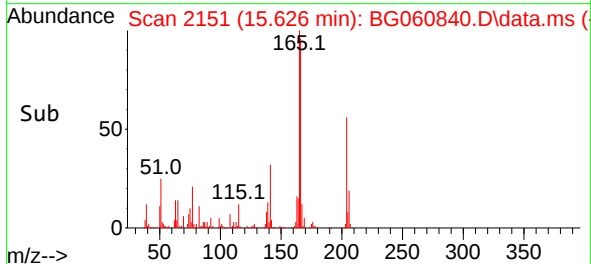
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion:204 Resp: 30357  
Ion Ratio Lower Upper  
204 100  
206 33.0 28.3 42.5  
141 56.4 47.2 70.8

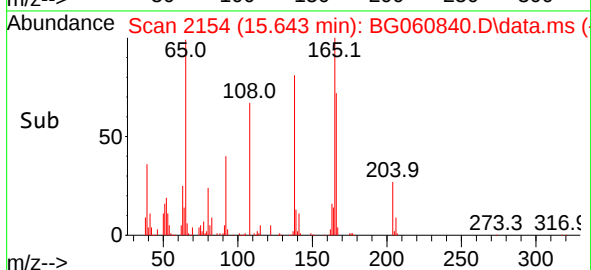
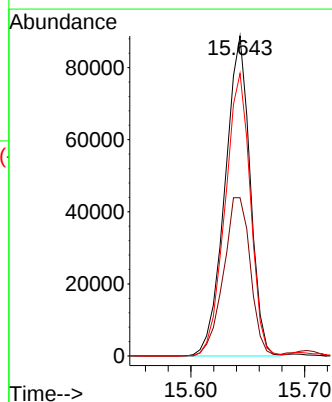
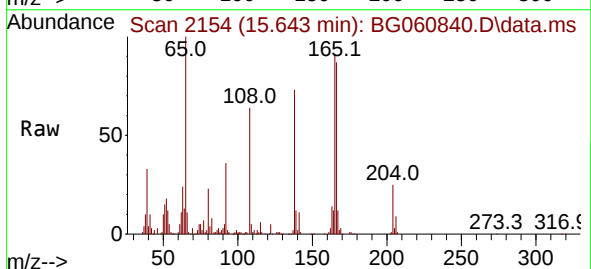
Manual Integrations  
APPROVED

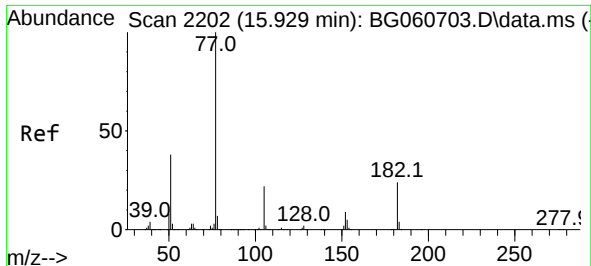
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#62  
4-Nitroaniline  
Concen: 52.278 ng  
RT: 15.643 min Scan# 2154  
Delta R.T. -0.003 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:138 Resp: 136425  
Ion Ratio Lower Upper  
138 100  
92 49.5 36.8 76.8  
108 88.3 66.9 106.9





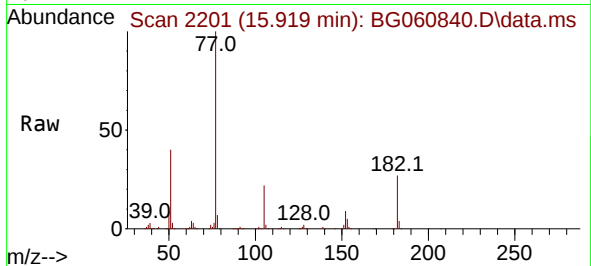
#63  
Azobenzene  
Concen: 41.355 ng  
RT: 15.919 min Scan# 21  
Delta R.T. -0.010 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



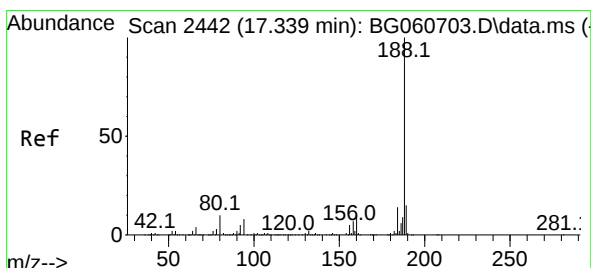
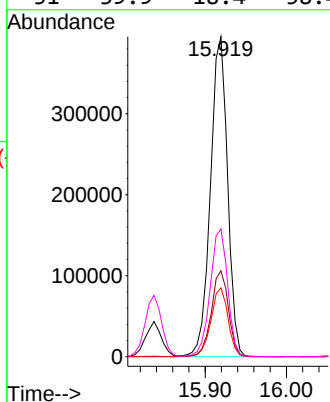
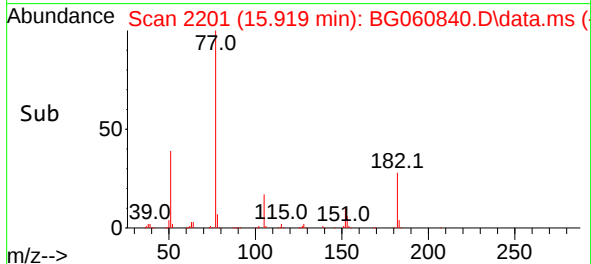
Tgt Ion: 77 Resp: 57869  
Ion Ratio Lower Upper  
77 100  
182 26.8 3.9 43.9  
105 21.5 1.7 41.7  
51 39.9 18.4 58.4

Manual Integrations

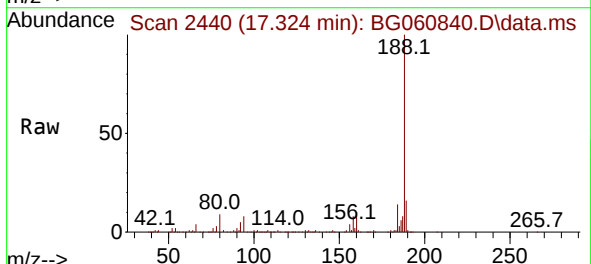
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

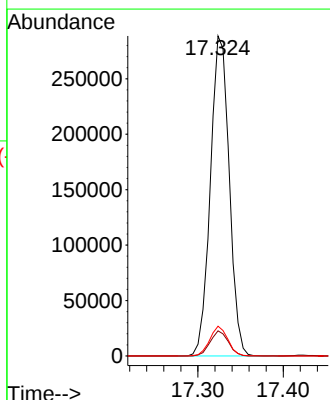
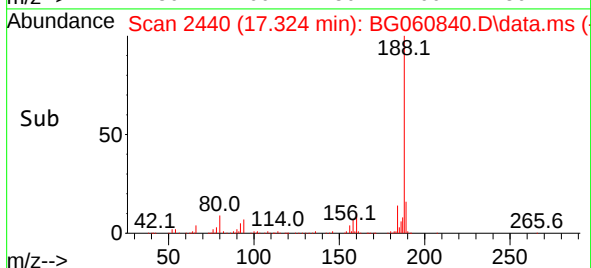
Supervised By :mohammad ahmed 04/10/2024

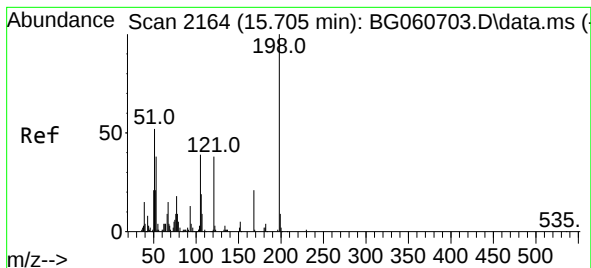


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.324 min Scan# 2440  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion:188 Resp: 442909  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.6 9.8  
80 9.3 7.6 11.4





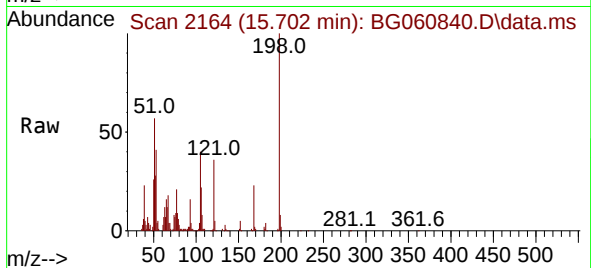
#65  
4,6-Dinitro-2-methylphenol  
Concen: 59.471 ng  
RT: 15.702 min Scan# 2164  
Delta R.T. -0.003 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

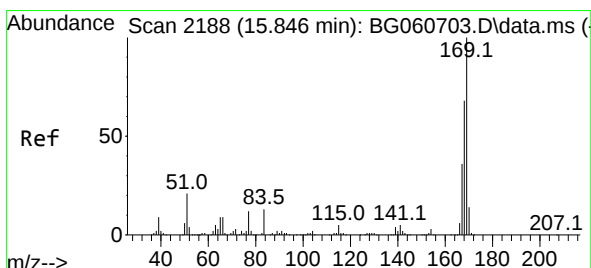
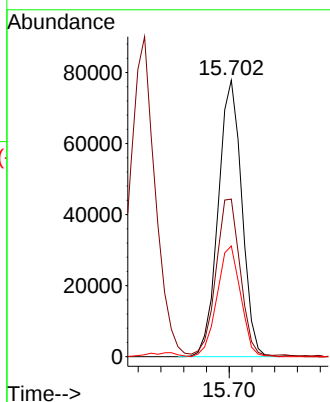
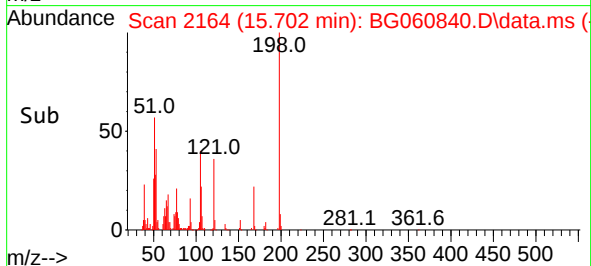
PB160074BSD



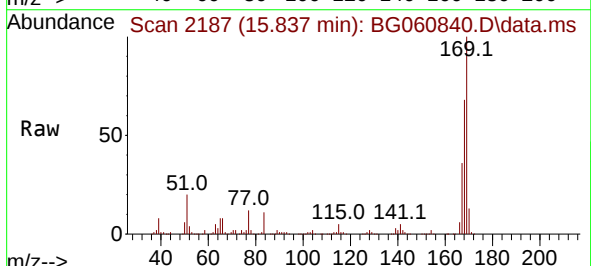
Tgt Ion:198 Resp: 11230  
Ion Ratio Lower Upper  
198 100  
51 57.0 36.7 76.7  
105 40.0 19.1 59.1

Manual Integrations  
APPROVED

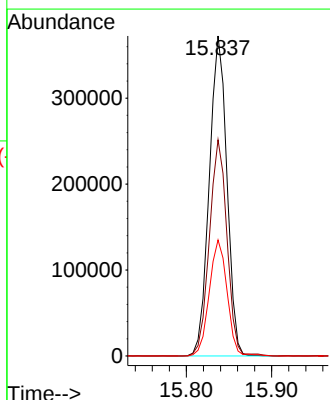
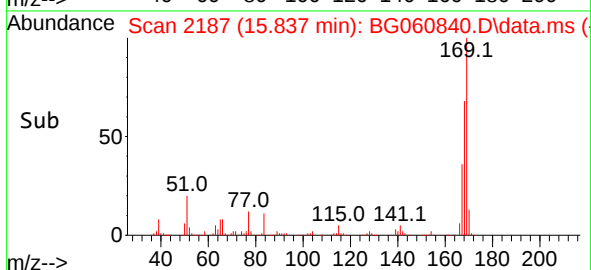
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024

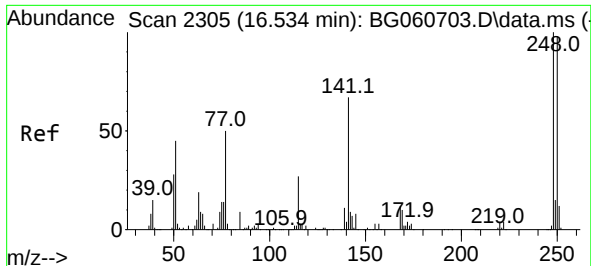


#66  
n-Nitrosodiphenylamine  
Concen: 42.170 ng  
RT: 15.837 min Scan# 2187  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



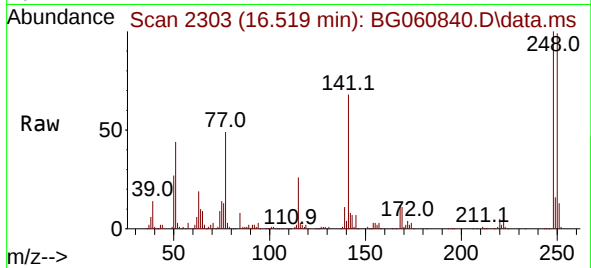
Tgt Ion:169 Resp: 533733  
Ion Ratio Lower Upper  
169 100  
168 67.6 54.5 81.7  
167 36.2 29.2 43.8





#67  
4-Bromophenyl-phenylether  
Concen: 47.465 ng  
RT: 16.519 min Scan# 21335  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

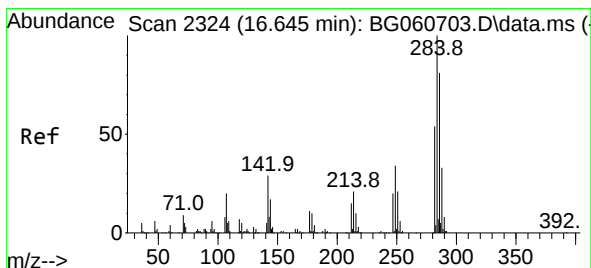
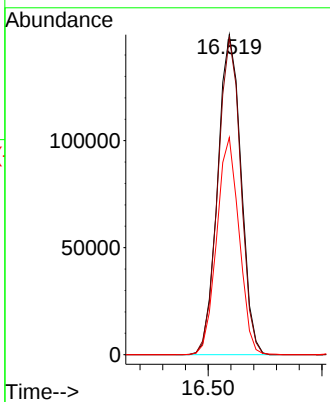
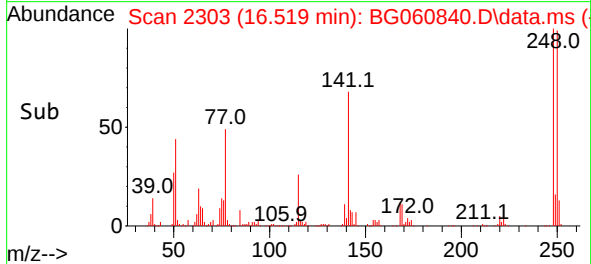
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion:248 Resp: 21335  
Ion Ratio Lower Upper  
248 100  
250 99.1 78.3 117.5  
141 67.8 53.7 80.5

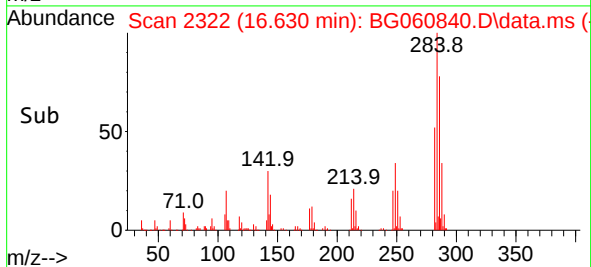
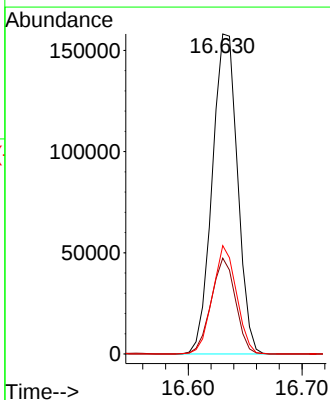
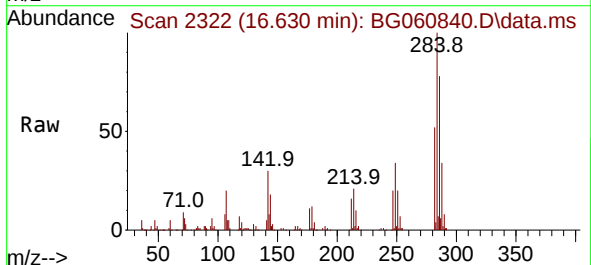
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#68  
Hexachlorobenzene  
Concen: 48.104 ng  
RT: 16.630 min Scan# 2322  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:284 Resp: 244090  
Ion Ratio Lower Upper  
284 100  
142 30.0 22.9 34.3  
249 33.9 27.1 40.7





#69

Atrazine

Concen: 48.360 ng

RT: 16.789 min Scan# 21404

Delta R.T. -0.015 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

Tgt Ion:200 Resp: 21404

Ion Ratio Lower Upper

200 100

173 23.7 5.2 45.2

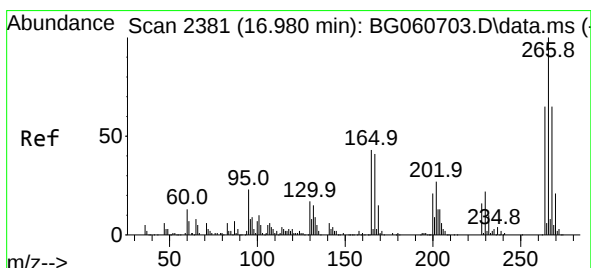
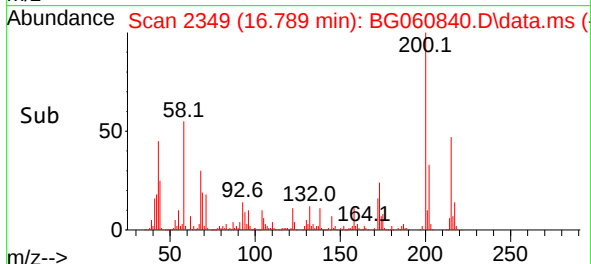
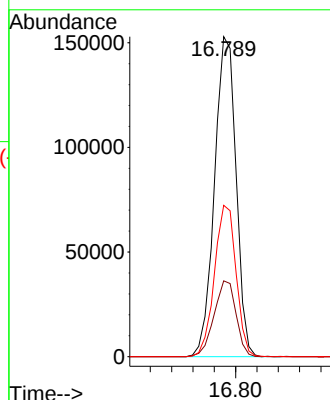
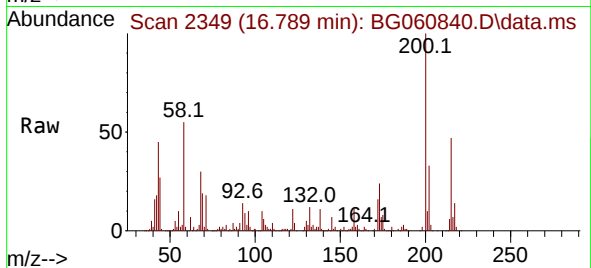
215 47.3 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#70

Pentachlorophenol

Concen: 102.965 ng

RT: 16.977 min Scan# 2381

Delta R.T. -0.003 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

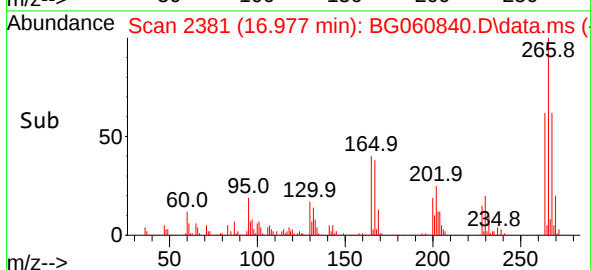
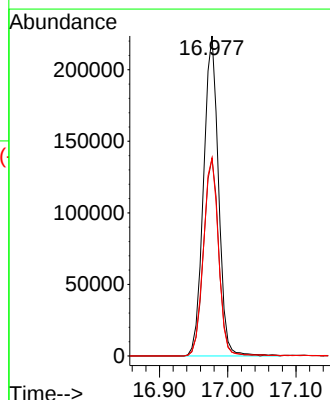
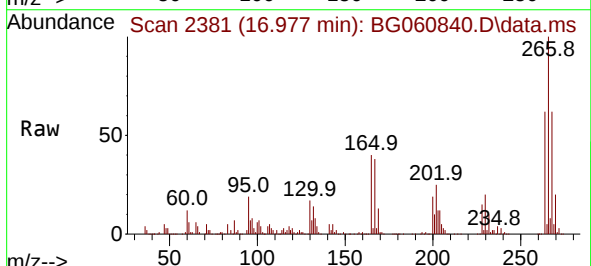
Tgt Ion:266 Resp: 340911

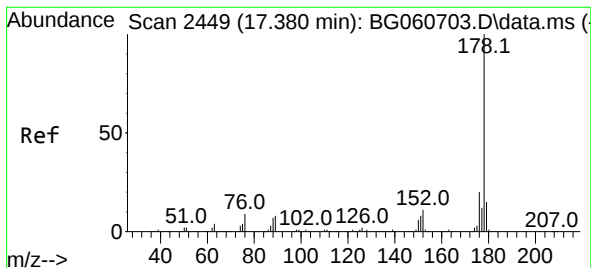
Ion Ratio Lower Upper

266 100

268 61.7 52.2 78.4

264 61.8 51.8 77.6





#71

Phenanthrene

Concen: 43.627 ng

RT: 17.371 min Scan# 2448

Delta R.T. -0.009 min

Lab File: BG060840.D

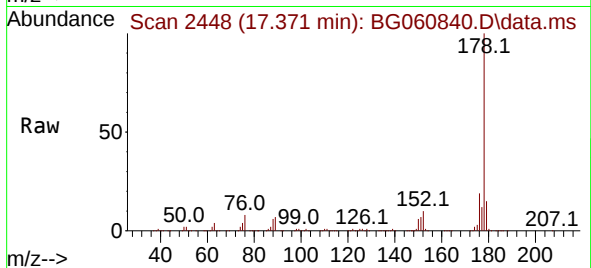
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



Tgt Ion:178 Resp: 100493

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

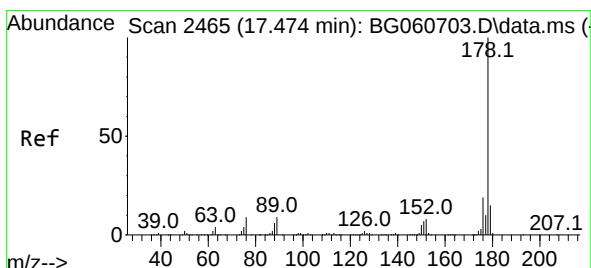
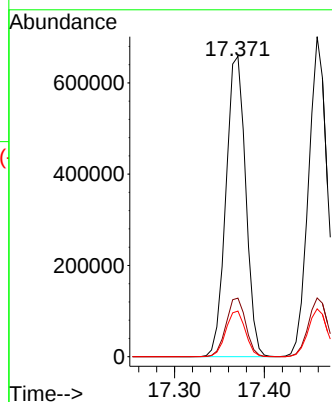
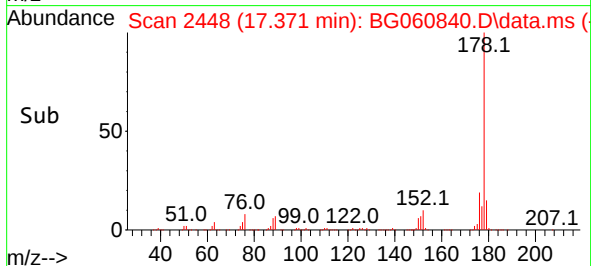
179 15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#72

Anthracene

Concen: 43.526 ng

RT: 17.459 min Scan# 2463

Delta R.T. -0.015 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

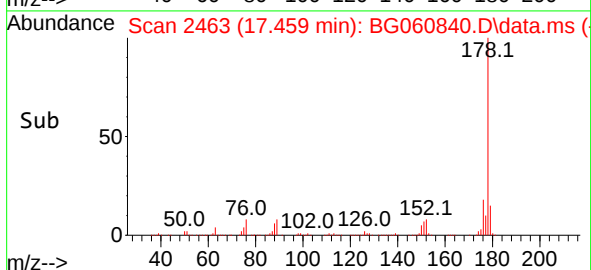
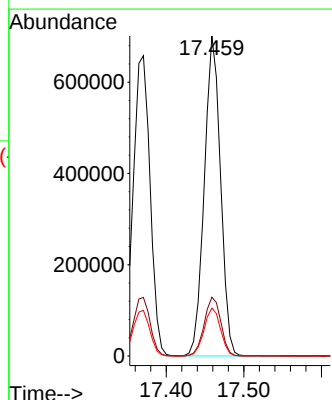
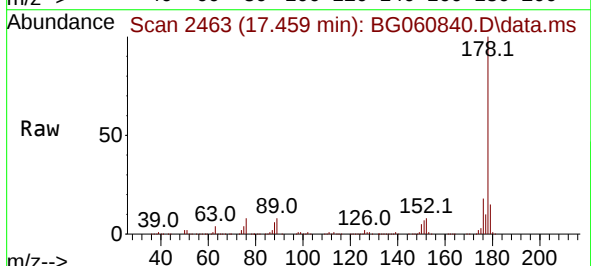
Tgt Ion:178 Resp: 1018223

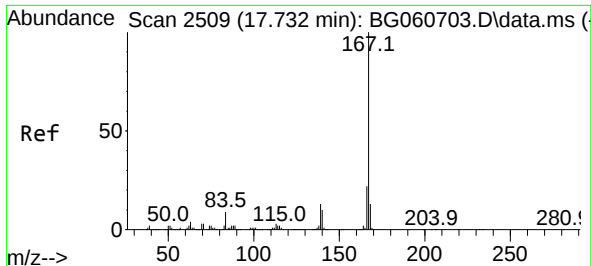
Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

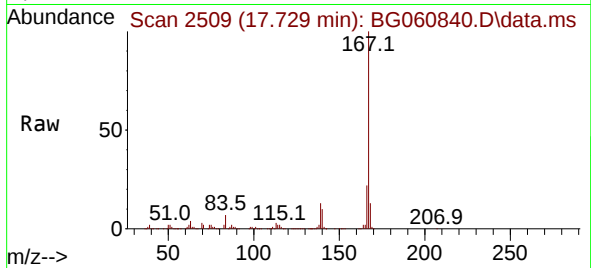
179 14.9 12.2 18.2





#73  
 Carbazole  
 Concen: 44.462 ng  
 RT: 17.729 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG060840.D  
 Acq: 9 Apr 2024 11:31

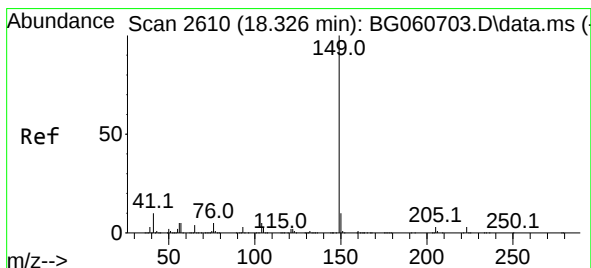
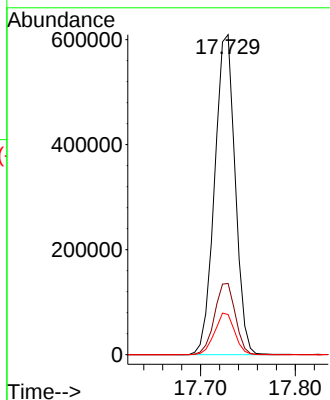
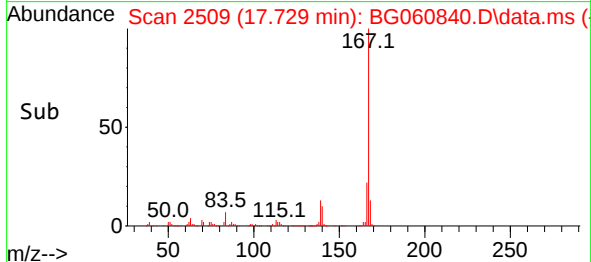
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB160074BSD



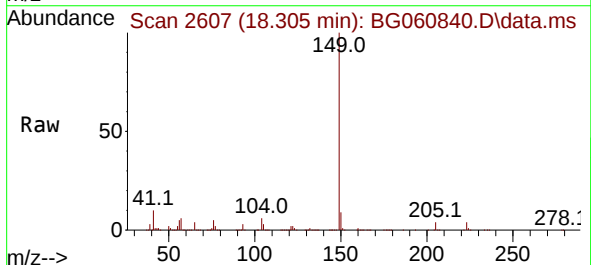
Tgt Ion:167 Resp: 917050  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 18.0 27.0  
 139 12.6 10.5 15.7

Manual Integrations  
 APPROVED

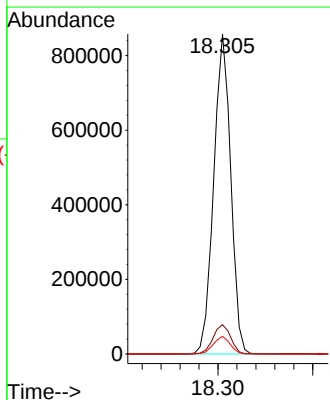
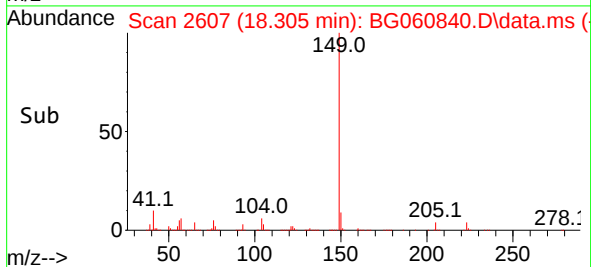
Reviewed By :Yogesh Patel 04/10/2024  
 Supervised By :mohammad ahmed 04/10/2024

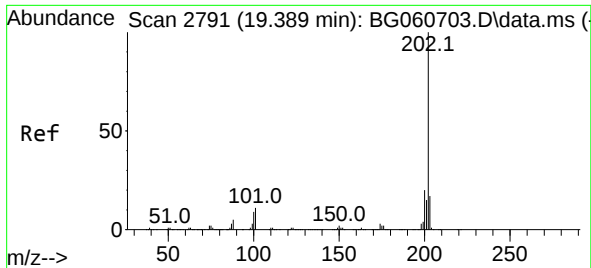


#74  
 Di-n-butylphthalate  
 Concen: 41.583 ng  
 RT: 18.305 min Scan# 2607  
 Delta R.T. -0.021 min  
 Lab File: BG060840.D  
 Acq: 9 Apr 2024 11:31



Tgt Ion:149 Resp: 1069274  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.7 11.5  
 104 5.5 4.2 6.4





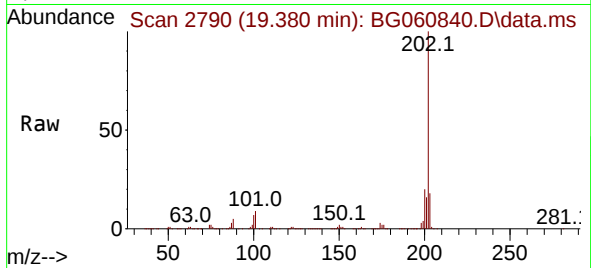
#75  
Fluoranthene  
Concen: 44.662 ng  
RT: 19.380 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



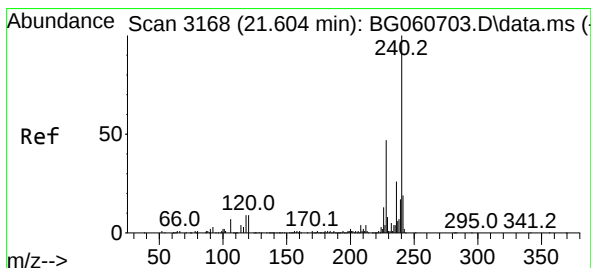
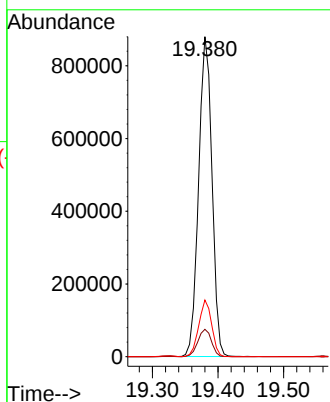
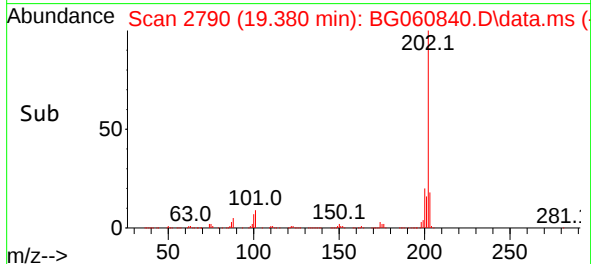
Tgt Ion:202 Resp: 124836  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 30.8  
203 17.7 0.0 37.4

Manual Integrations

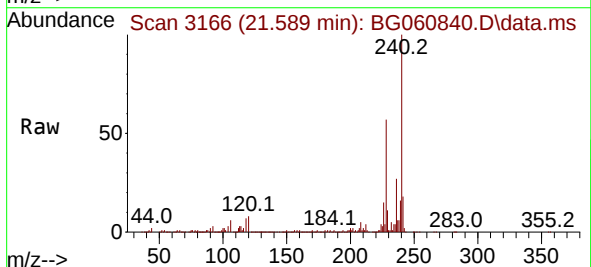
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

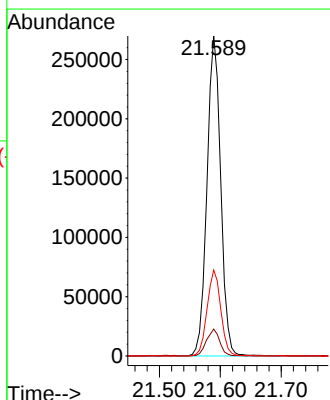
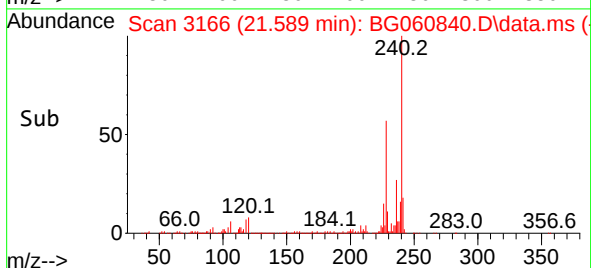
Supervised By :mohammad ahmed 04/10/2024

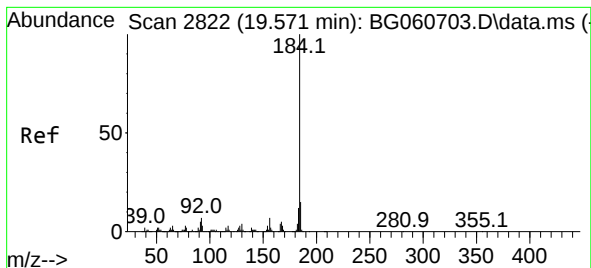


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.589 min Scan# 3166  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion:240 Resp: 421686  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.1 10.7  
236 26.8 20.7 31.1





#77

Benzidine

Concen: 29.319 ng

RT: 19.562 min Scan# 2821

Delta R.T. -0.009 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

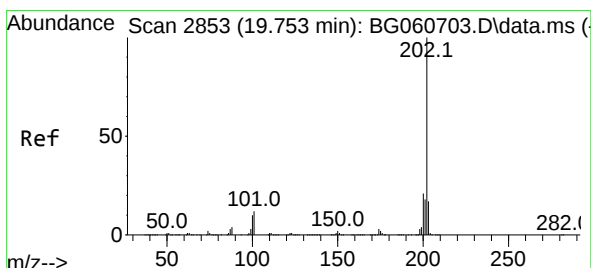
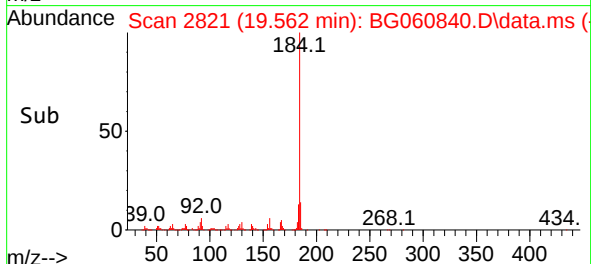
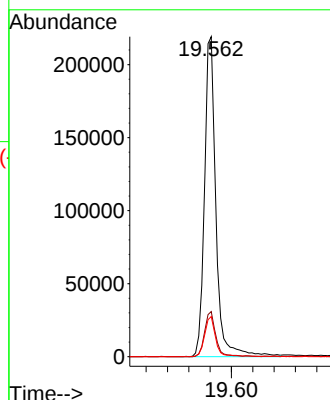
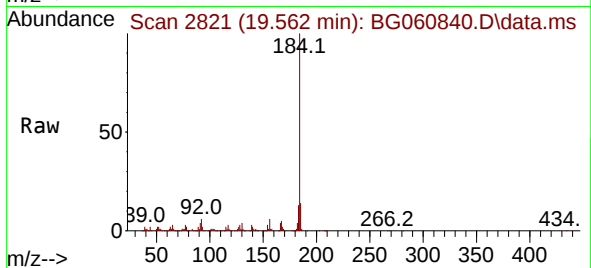
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 32555 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 14.1  | 11.8  | 17.6  |
| 183       | 12.5  | 9.5   | 14.3  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#78

Pyrene

Concen: 43.756 ng

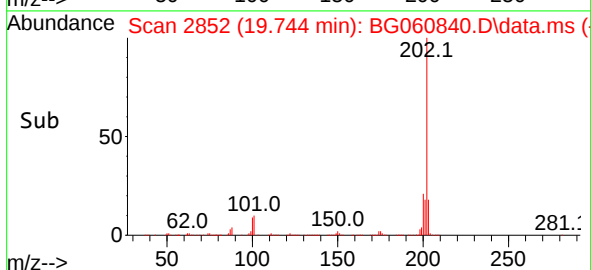
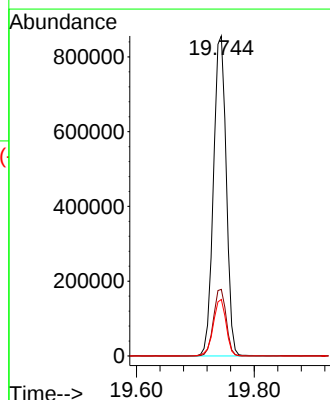
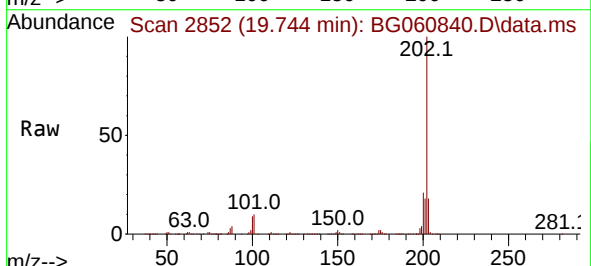
RT: 19.744 min Scan# 2852

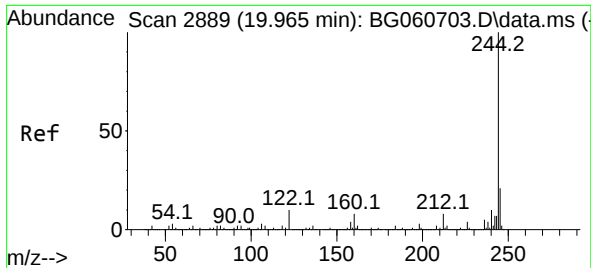
Delta R.T. -0.009 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1290426 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.8  | 17.0  | 25.4    |
| 203       | 17.7  | 14.0  | 21.0    |





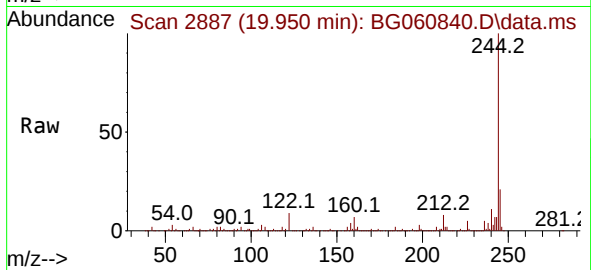
#79  
 Terphenyl-d14  
 Concen: 82.650 ng  
 RT: 19.950 min Scan# 2887  
 Delta R.T. -0.015 min  
 Lab File: BG060840.D  
 Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD



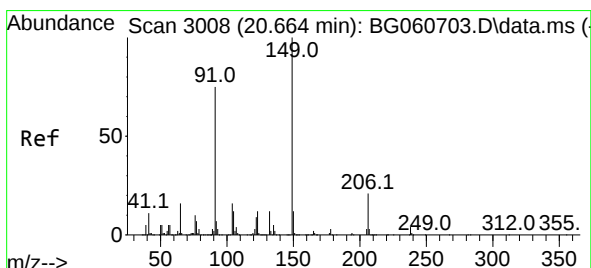
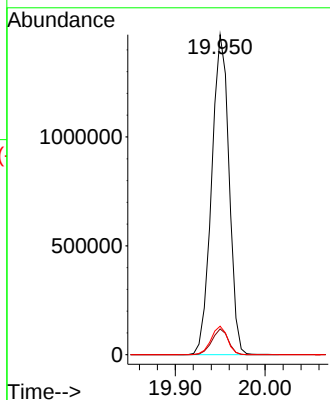
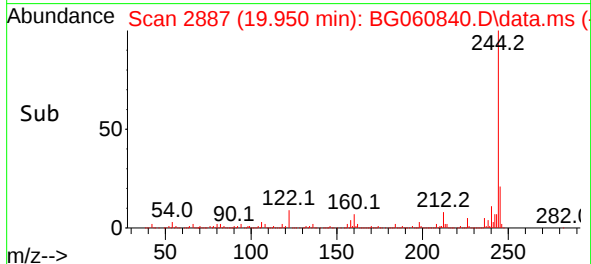
Tgt Ion:244 Resp: 1979319  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.2 9.2  
 122 8.9 7.8 11.8

Manual Integrations

APPROVED

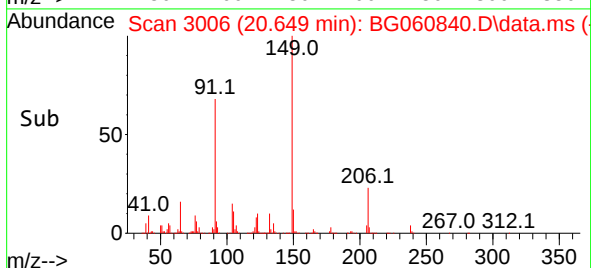
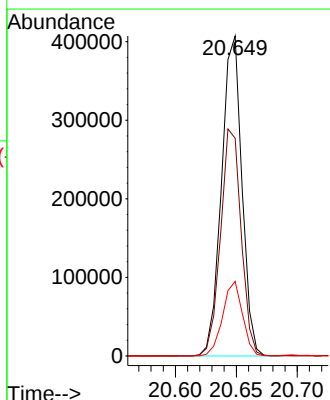
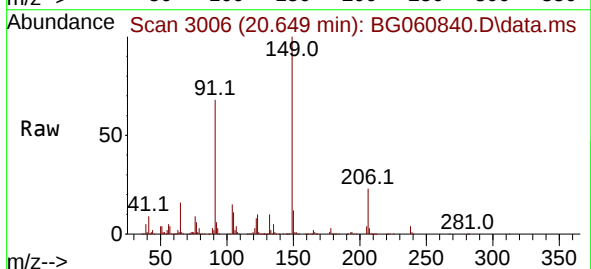
Reviewed By :Yogesh Patel 04/10/2024

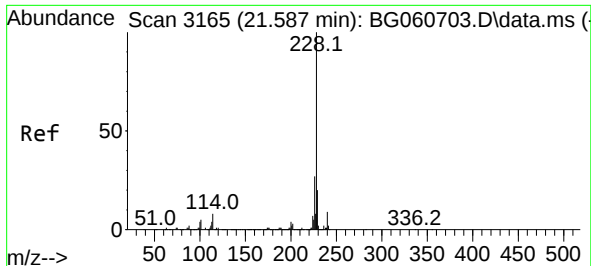
Supervised By :mohammad ahmed 04/10/2024



#80  
 Butylbenzylphthalate  
 Concen: 44.036 ng  
 RT: 20.649 min Scan# 3006  
 Delta R.T. -0.015 min  
 Lab File: BG060840.D  
 Acq: 9 Apr 2024 11:31

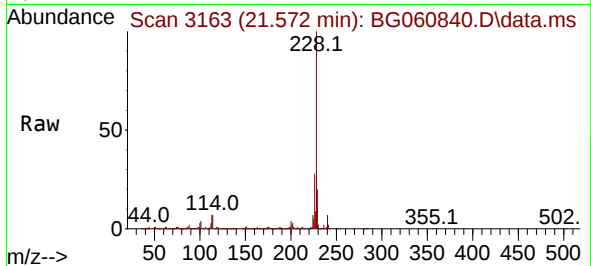
Tgt Ion:149 Resp: 473752  
 Ion Ratio Lower Upper  
 149 100  
 91 68.0 60.1 90.1  
 206 23.3 16.8 25.2





#81  
Benzo(a)anthracene  
Concen: 44.869 ng  
RT: 21.572 min Scan# 3163  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

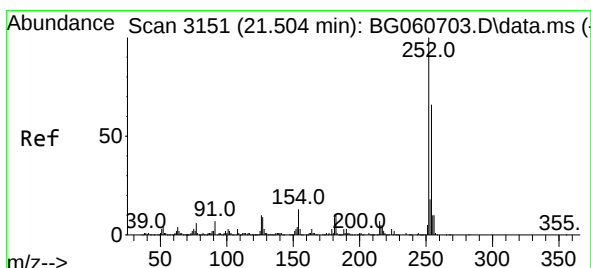
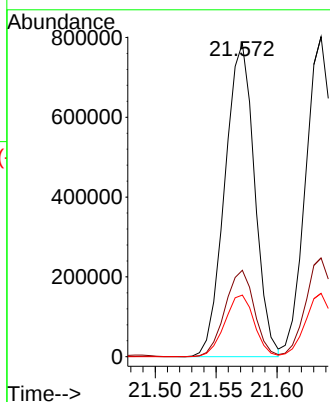
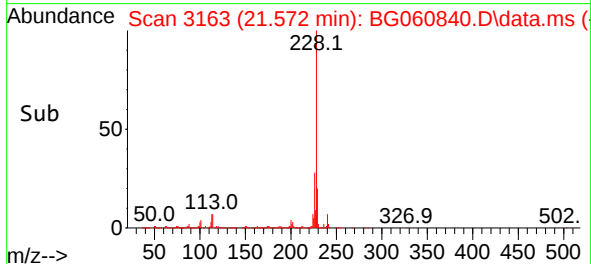
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



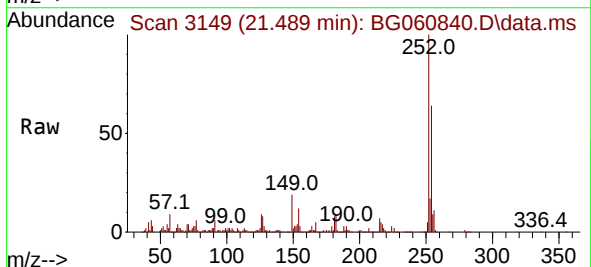
Tgt Ion:228 Resp: 1333718  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.7 32.5  
229 19.7 15.8 23.8

Manual Integrations  
APPROVED

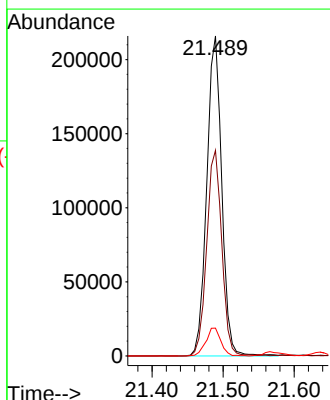
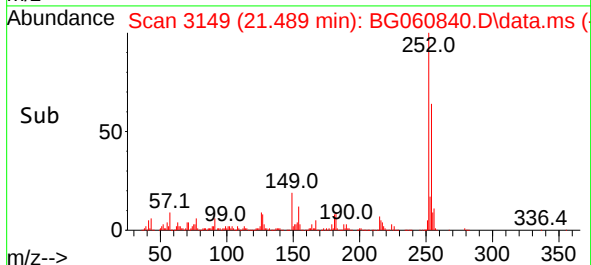
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024

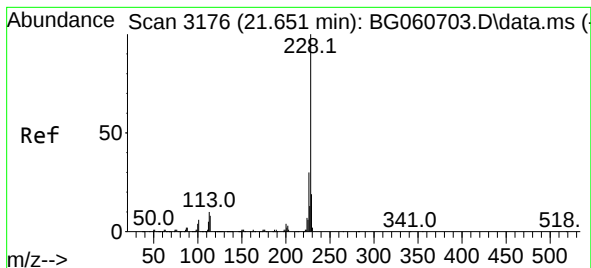


#82  
3,3'-Dichlorobenzidine  
Concen: 31.530 ng  
RT: 21.489 min Scan# 3149  
Delta R.T. -0.015 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31



Tgt Ion:252 Resp: 316451  
Ion Ratio Lower Upper  
252 100  
254 64.3 52.6 78.8  
126 8.7 7.8 11.8





#83

Chrysene

Concen: 44.387 ng

RT: 21.636 min Scan# 3174

Delta R.T. -0.015 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

Tgt Ion:228 Resp: 127168

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

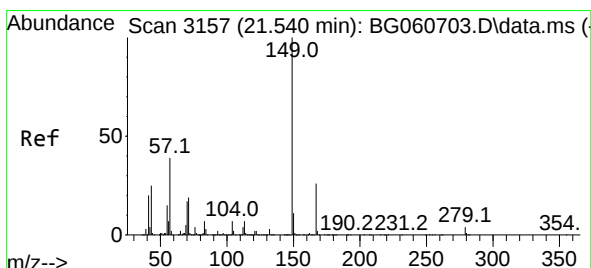
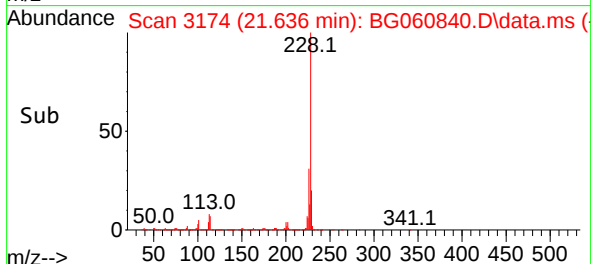
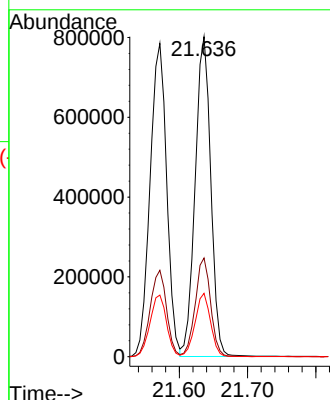
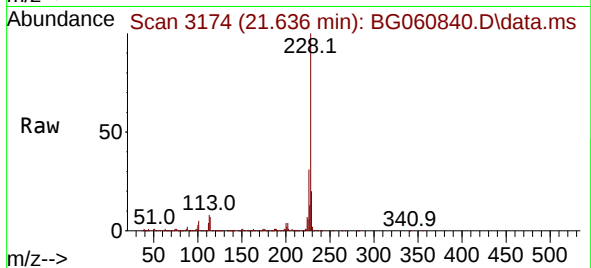
229 19.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.552 ng

RT: 21.507 min Scan# 3152

Delta R.T. -0.033 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

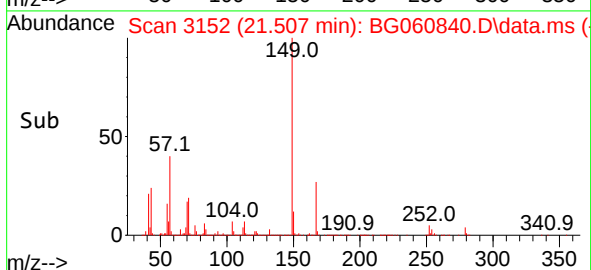
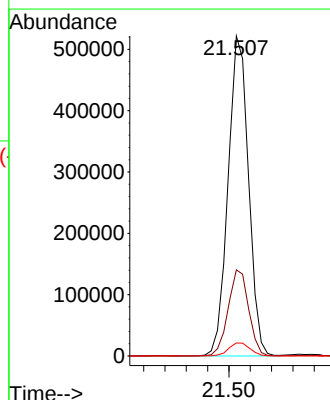
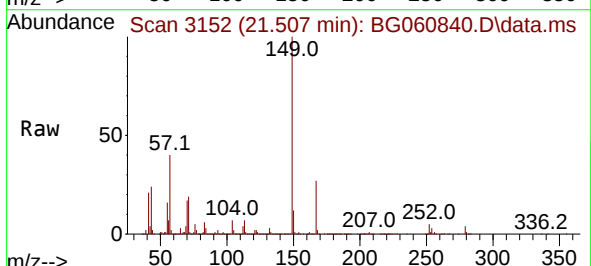
Tgt Ion:149 Resp: 695349

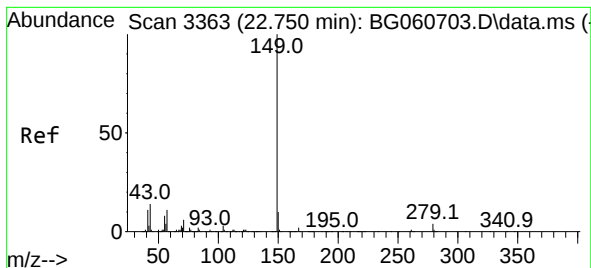
Ion Ratio Lower Upper

149 100

167 26.9 20.6 30.8

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.123 ng

RT: 22.705 min Scan# 31

Delta R.T. -0.045 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

Instrument :

BNA\_G

ClientSampleId :

PB160074BSD

Tgt Ion:149 Resp: 120462

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

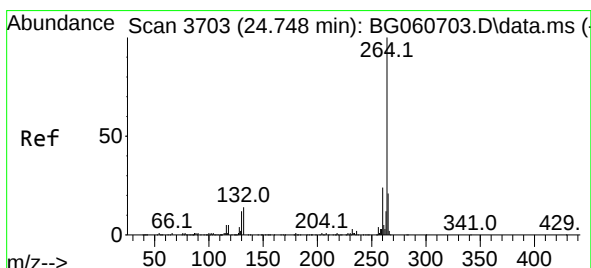
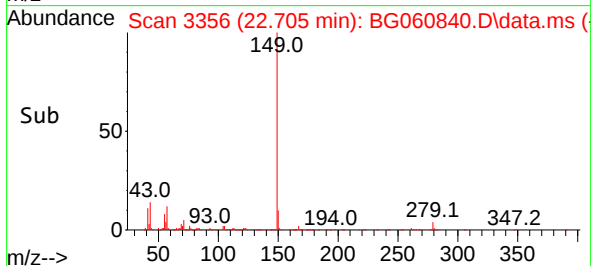
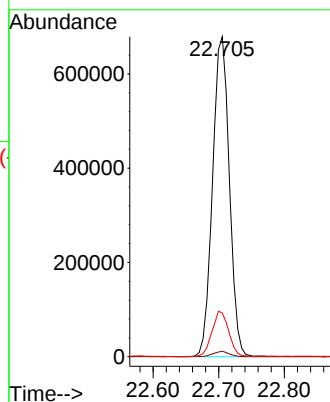
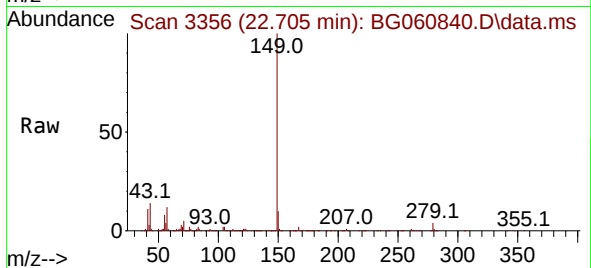
43 14.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.721 min Scan# 3699

Delta R.T. -0.027 min

Lab File: BG060840.D

Acq: 9 Apr 2024 11:31

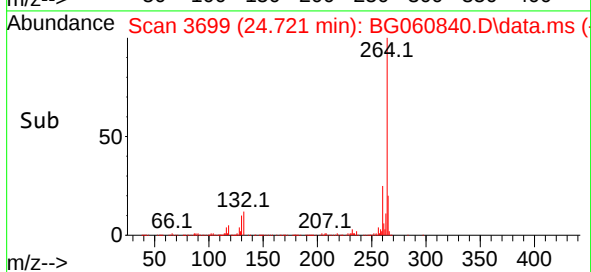
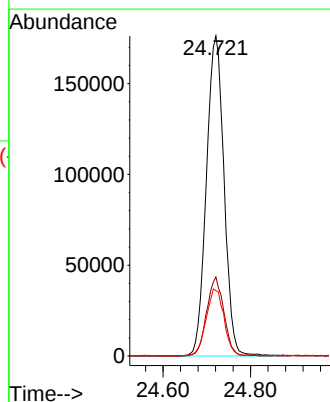
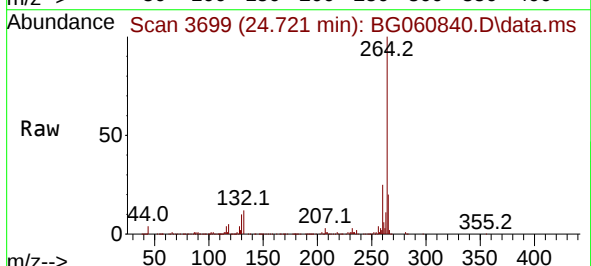
Tgt Ion:264 Resp: 494042

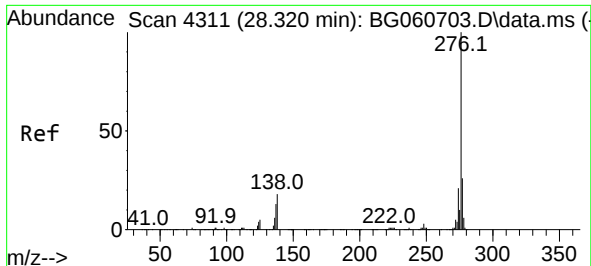
Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

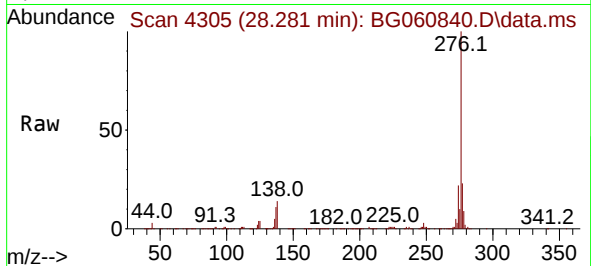
265 20.4 16.9 25.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.318 ng  
RT: 28.281 min Scan# 41  
Delta R.T. -0.039 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

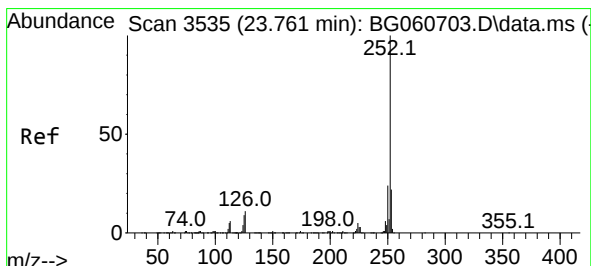
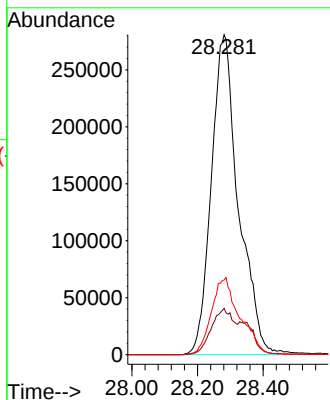
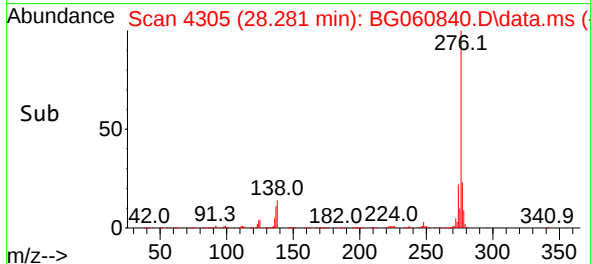
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion:276 Resp: 1611430  
Ion Ratio Lower Upper  
276 100  
138 12.1 12.4 18.6  
277 25.3 20.2 30.2

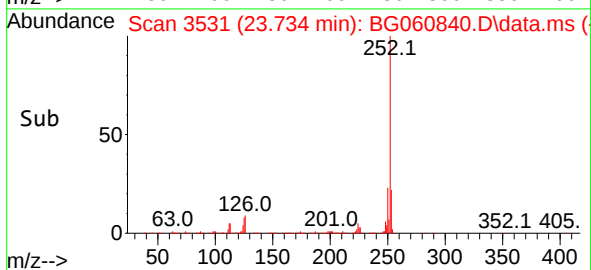
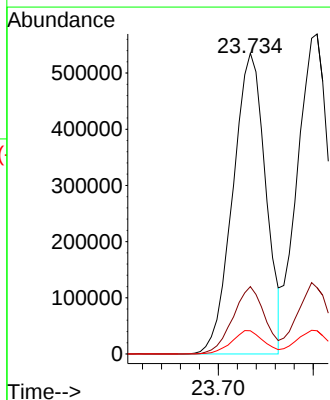
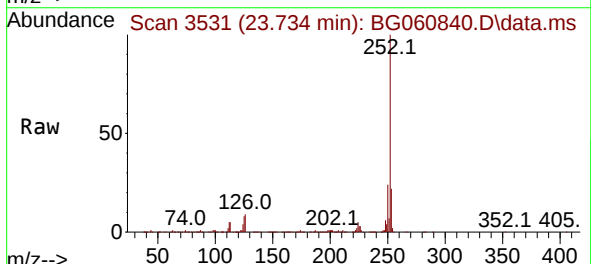
Manual Integrations  
APPROVED

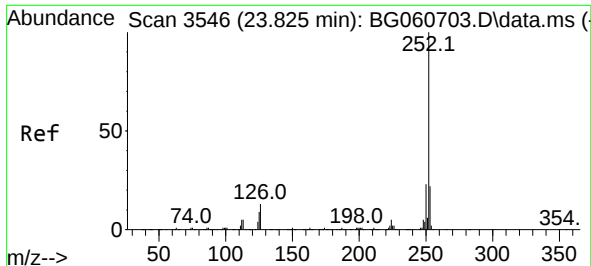
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#88  
Benzo(b)fluoranthene  
Concen: 45.344 ng  
RT: 23.734 min Scan# 3531  
Delta R.T. -0.027 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

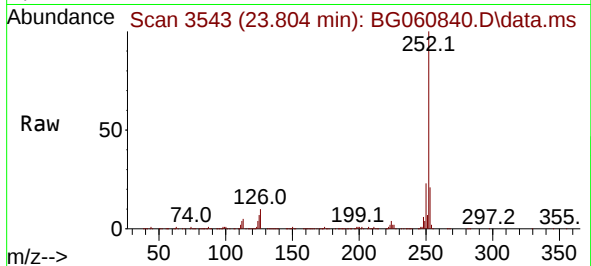
Tgt Ion:252 Resp: 1286974  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.8  
125 7.7 7.1 10.7





#89  
Benzo(k)fluoranthene  
Concen: 46.317 ng m  
RT: 23.804 min Scan# 3546  
Delta R.T. -0.021 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

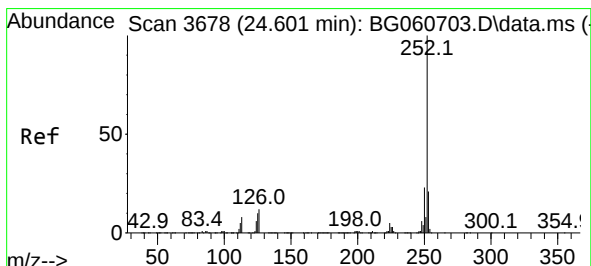
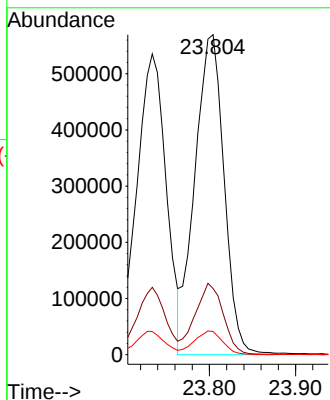
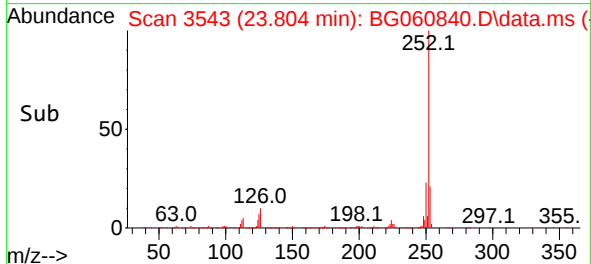
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion:252 Resp: 1345534  
Ion Ratio Lower Upper  
252 100  
253 20.7 17.6 26.4  
125 7.2 7.5 11.3

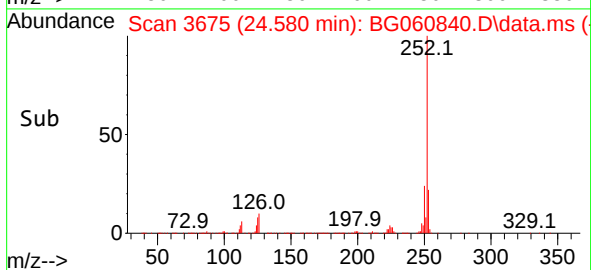
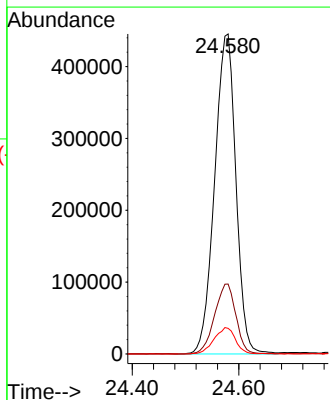
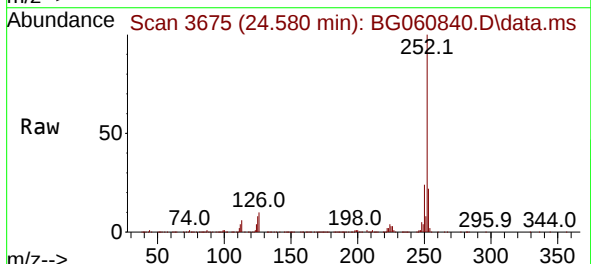
Manual Integrations  
APPROVED

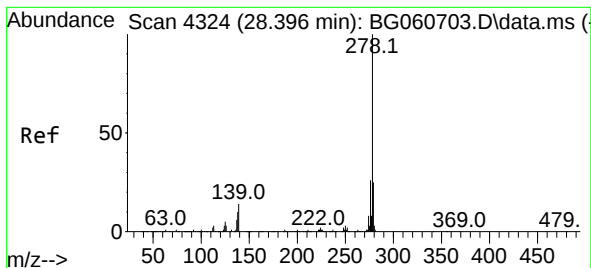
Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#90  
Benzo(a)pyrene  
Concen: 44.726 ng  
RT: 24.580 min Scan# 3675  
Delta R.T. -0.021 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

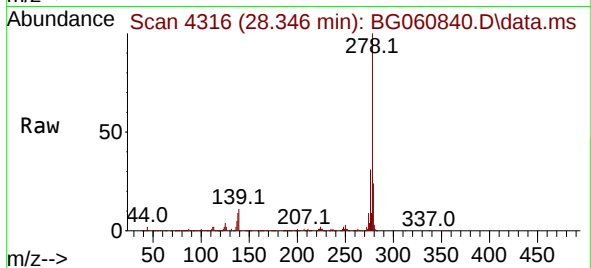
Tgt Ion:252 Resp: 1233645  
Ion Ratio Lower Upper  
252 100  
253 21.9 16.8 25.2  
125 8.0 7.6 11.4





#91  
Dibenzo(a,h)anthracene  
Concen: 45.003 ng  
RT: 28.346 min Scan# 41  
Delta R.T. -0.050 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

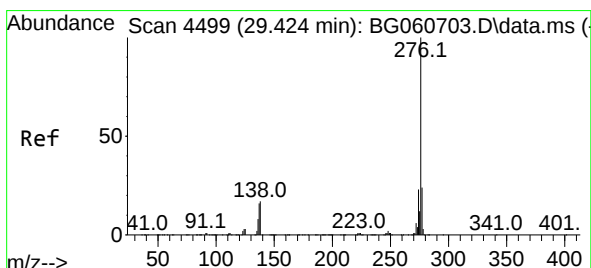
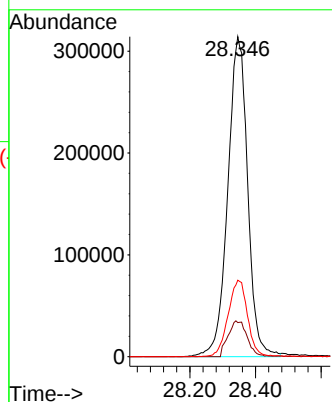
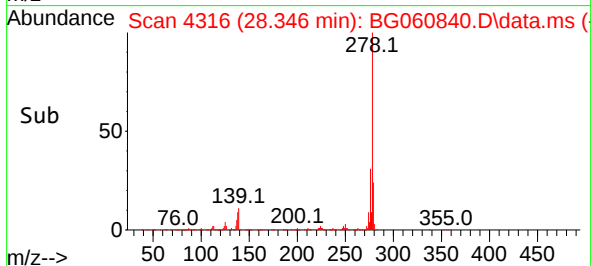
Instrument :  
BNA\_G  
ClientSampleId :  
PB160074BSD



Tgt Ion:278 Resp: 131983  
Ion Ratio Lower Upper  
278 100  
139 10.6 11.1 16.7  
279 23.9 19.8 29.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



#92  
Benzo(g,h,i)perylene  
Concen: 42.978 ng  
RT: 29.386 min Scan# 4493  
Delta R.T. -0.039 min  
Lab File: BG060840.D  
Acq: 9 Apr 2024 11:31

Tgt Ion:276 Resp: 1226122  
Ion Ratio Lower Upper  
276 100  
277 24.7 18.9 28.3  
138 14.6 14.0 21.0

