

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080723\  
 Data File : BM041305.D  
 Acq On : 07 Aug 2023 10:34  
 Operator : MA/JU  
 Sample : PB154530BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB154530BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 17:27:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 07 17:25:06 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.786  | 152  | 118701   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.592 | 136  | 445185   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 240584   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.215 | 188  | 463541   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.421 | 240  | 397395   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.791 | 264  | 462116   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 1134556  | 142.854 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.975  | 99   | 1372531  | 133.322 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 903004   | 94.329  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 507189   | 149.045 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.068 | 172  | 1863182  | 97.831  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.850 | 244  | 2398639  | 109.132 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.257  | 88   | 129249   | 38.042  | ng    | 96       |
| 3) Pyridine                   | 3.663  | 79   | 335894   | 37.600  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 184501   | 44.656  | ng    | 93       |
| 6) Aniline                    | 7.122  | 93   | 525845   | 43.646  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.351  | 128  | 407944   | 52.615  | ng    | 99       |
| 9) Benzaldehyde               | 6.934  | 77   | 241514m  | 44.460  | ng    |          |
| 10) Phenol                    | 6.998  | 94   | 502706   | 50.558  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.222  | 93   | 407003   | 50.568  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.669  | 146  | 459859   | 54.487  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.822  | 146  | 471771   | 55.614  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.133  | 146  | 449268   | 55.236  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.045  | 79   | 361713m  | 55.637  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 498564   | 46.491  | ng    | 95       |
| 17) 2-Methylphenol            | 8.245  | 107  | 327909   | 48.271  | ng    | 99       |
| 18) Hexachloroethane          | 8.857  | 117  | 179238   | 56.755  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.604  | 70   | 316265   | 50.578  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.581  | 107  | 435361   | 47.933  | ng    | 96       |
| 22) Acetophenone              | 8.628  | 105  | 608610   | 51.619  | ng    | # 98     |
| 24) Nitrobenzene              | 9.010  | 77   | 477444   | 49.318  | ng    | 99       |
| 25) Isophorone                | 9.533  | 82   | 829829   | 51.066  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.716  | 139  | 218427   | 57.717  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.780  | 122  | 320633   | 48.147  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.016 | 93   | 497084   | 48.834  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.251 | 162  | 361627   | 53.848  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.457 | 180  | 421074   | 56.750  | ng    | 96       |
| 31) Naphthalene               | 10.645 | 128  | 1188986  | 49.217  | ng    | 99       |
| 32) Benzoic acid              | 9.951  | 122  | 250010   | 49.690  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.774 | 127  | 331259   | 34.311  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.910 | 225  | 269864   | 60.474  | ng    | 98       |
| 35) Caprolactam               | 11.586 | 113  | 95374    | 49.093  | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 348964   | 49.369  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.263 | 142  | 782176   | 48.024  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.480 | 142  | 741324   | 48.631  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.633 | 216  | 440534   | 56.392  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.598 | 237  | 511293   | 123.712 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.886 | 196  | 280050   | 55.931  | ng    | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.963 | 196  | 301347   | 51.999  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.280 | 154  | 995978   | 51.066  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.327 | 162  | 780466   | 53.593  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.551 | 65   | 229402   | 49.350  | ng    | 96       |
| 49) Acenaphthylene            | 14.174 | 152  | 1212920  | 51.601  | ng    | 100      |
| 50) Dimethylphthalate         | 13.921 | 163  | 909482   | 50.256  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 198129   | 52.838  | ng    | 98       |
| 52) Acenaphthene              | 14.521 | 154  | 693405   | 48.968  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.386 | 138  | 162651   | 38.050  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.604 | 184  | 251887   | 98.054  | ng    | 90       |
| 55) Dibenzofuran              | 14.857 | 168  | 1125315  | 48.707  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.710 | 139  | 307116   | 98.274  | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.851 | 165  | 262582   | 48.979  | ng    | 94       |
| 58) Fluorene                  | 15.509 | 166  | 885204   | 48.568  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 251030   | 53.492  | ng    | 97       |
| 60) Diethylphthalate          | 15.286 | 149  | 881730   | 50.382  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 469265   | 51.380  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.557 | 138  | 173545   | 43.792  | ng    | 96       |
| 63) Azobenzene                | 15.798 | 77   | 903162   | 47.113  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.615 | 198  | 152982   | 54.479  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.727 | 169  | 733530   | 50.881  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248  | 279251   | 54.945  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.509 | 284  | 321690   | 56.922  | ng    | 99       |
| 69) Atrazine                  | 16.686 | 200  | 259424   | 68.522  | ng    | 99       |
| 70) Pentachlorophenol         | 16.868 | 266  | 359713   | 91.920  | ng    | 99       |
| 71) Phenanthrene              | 17.256 | 178  | 1276599  | 49.568  | ng    | 100      |
| 72) Anthracene                | 17.351 | 178  | 1291481  | 50.702  | ng    | 100      |
| 73) Carbazole                 | 17.633 | 167  | 1144716  | 49.653  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 1443317  | 55.402  | ng    | 99       |
| 75) Fluoranthene              | 19.286 | 202  | 1430612  | 49.443  | ng    | 98       |
| 77) Benzidine                 | 19.480 | 184  | 759214   | 140.168 | ng    | 100      |
| 78) Pyrene                    | 19.650 | 202  | 1472068  | 52.970  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.550 | 149  | 607989   | 59.909  | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.409 | 228  | 1424245  | 52.867  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.344 | 252  | 506807   | 57.652  | ng    | 99       |
| 83) Chrysene                  | 21.456 | 228  | 1299787  | 49.881  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.327 | 149  | 888277   | 54.740  | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 22.244 | 149  | 1521044  | 59.303  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.244 | 276  | 1869626  | 55.029  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.074 | 252  | 1479168  | 53.881  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.121 | 252  | 1372166  | 48.864  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.685 | 252  | 1294823  | 49.087  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.256 | 278  | 1587210  | 56.009  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 27.003 | 276  | 1498413  | 54.038  | ng    | 96       |

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

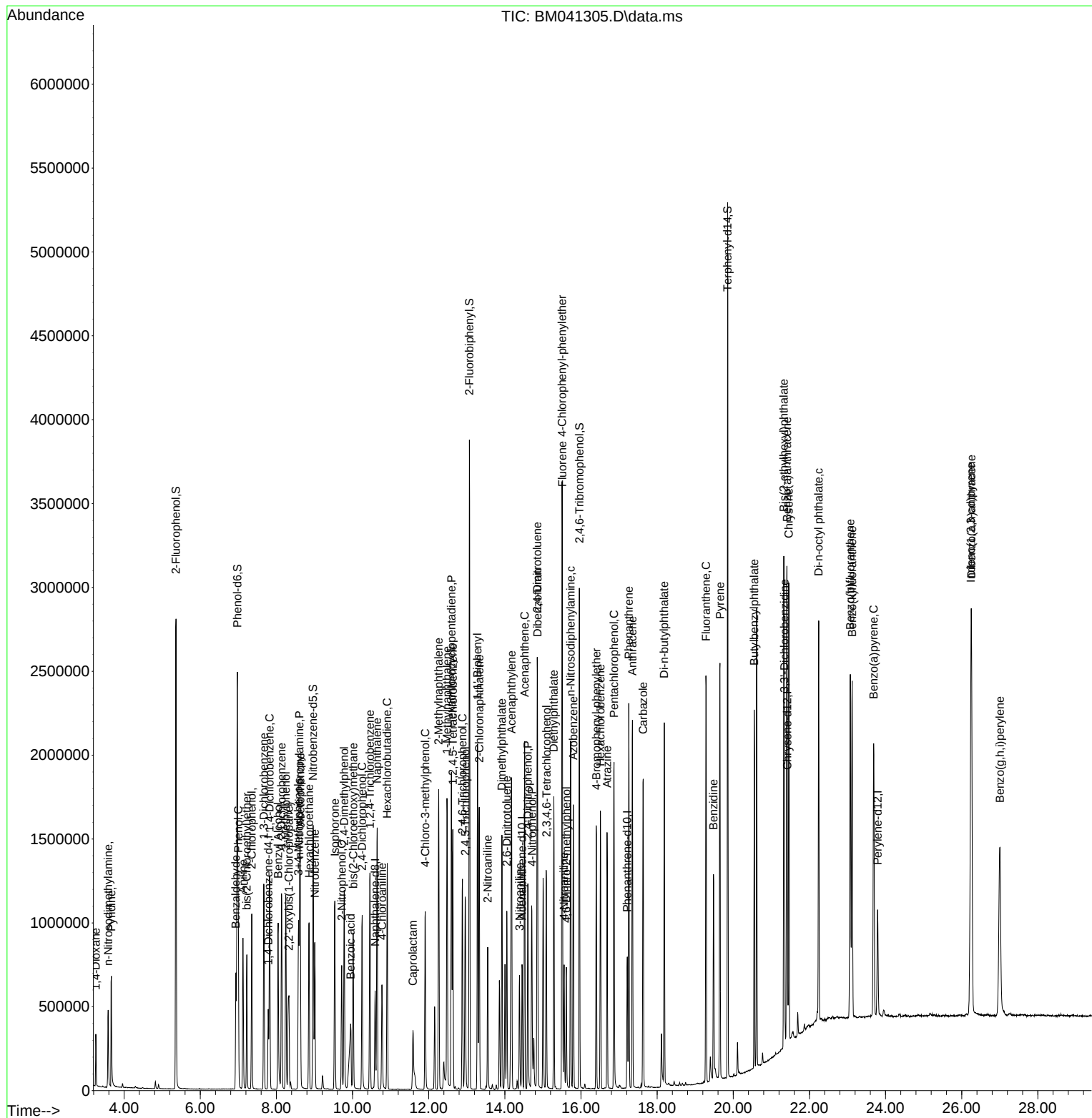
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080723\  
 Data File : BM041305.D  
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 Sample : PB154530BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

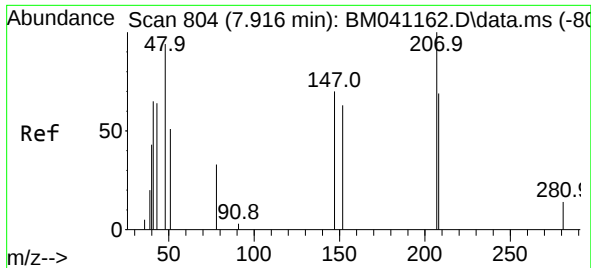
Instrument :  
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### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023

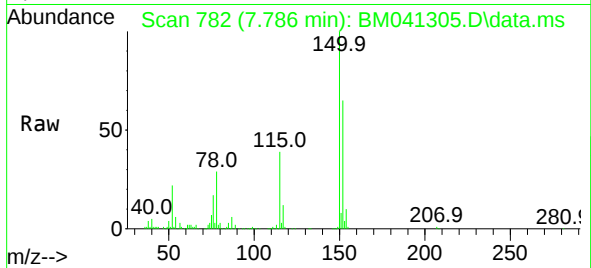
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.786 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

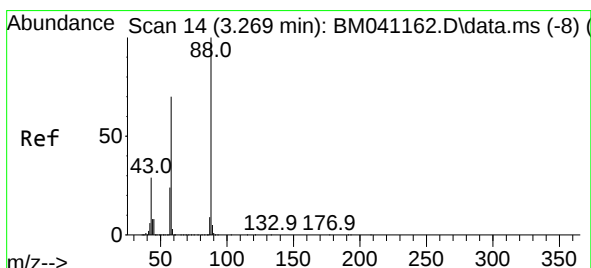
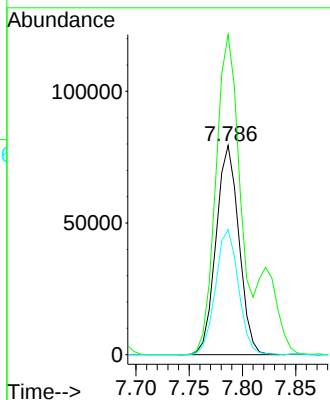
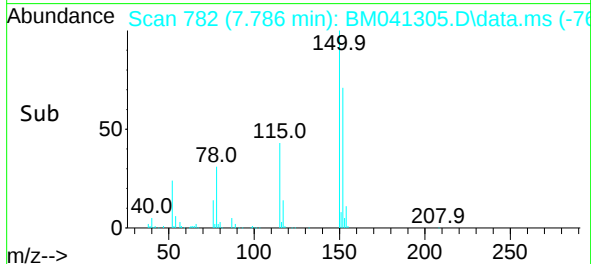
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



Tgt Ion:152 Resp: 11870  
Ion Ratio Lower Upper  
152 100  
150 152.9 125.5 188.3  
115 59.8 48.0 72.0

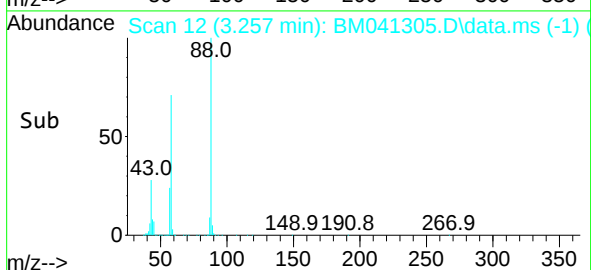
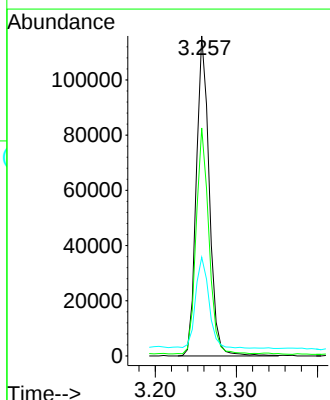
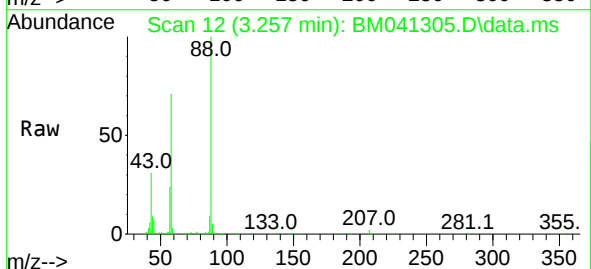
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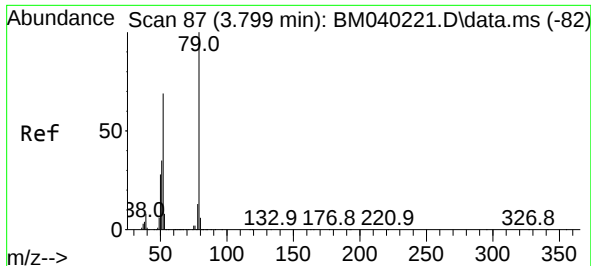
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#2  
1,4-Dioxane  
Concen: 38.042 ng  
RT: 3.257 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

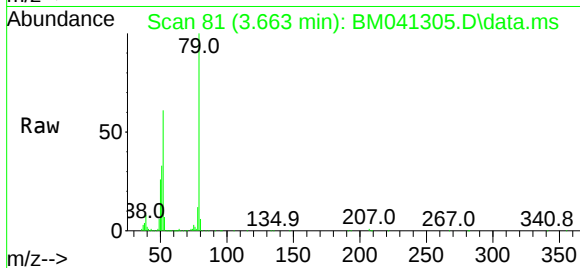
Tgt Ion: 88 Resp: 129249  
Ion Ratio Lower Upper  
88 100  
58 69.3 58.2 87.4  
43 29.2 24.4 36.6





#3  
 Pyridine  
 Concen: 37.600 ng  
 RT: 3.663 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BM041305.D  
 Acq: 07 Aug 2023 10:34

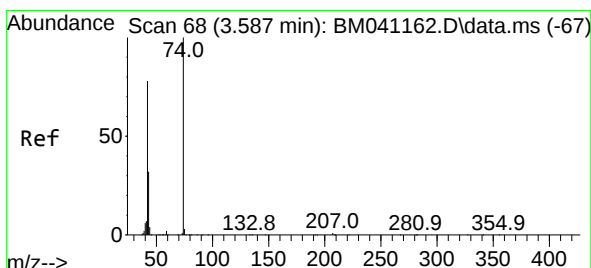
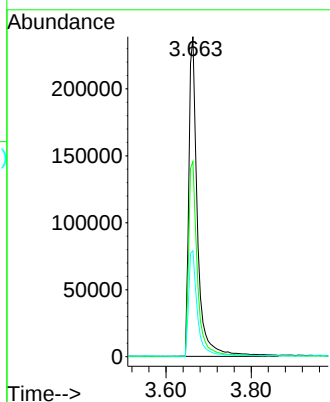
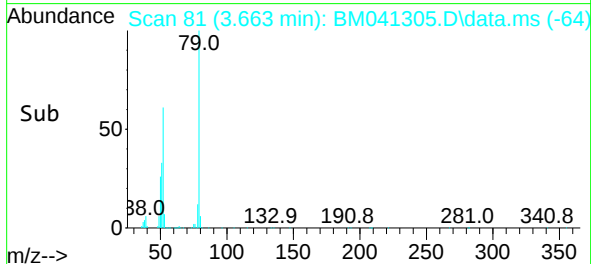
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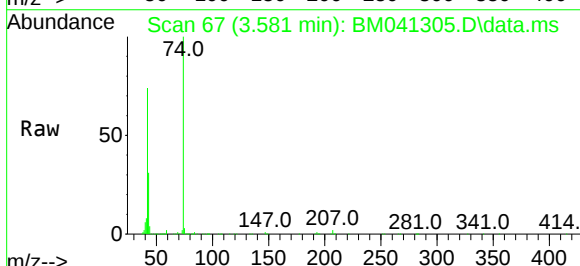
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 Ion Ratio Lower Upper  
 79 100  
 52 61.0 52.1 78.1  
 51 33.1 27.5 41.3

Manual Integrations  
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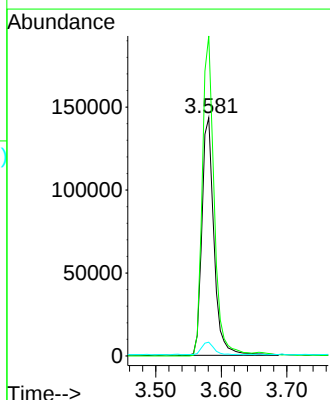
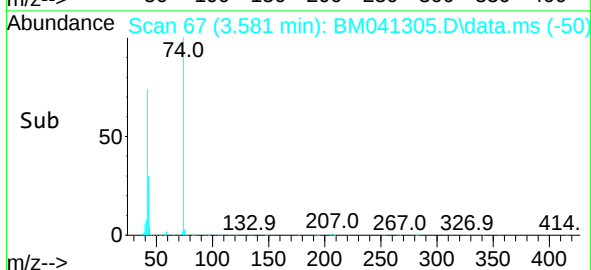
Reviewed By :Yogesh Patel 08/08/2023  
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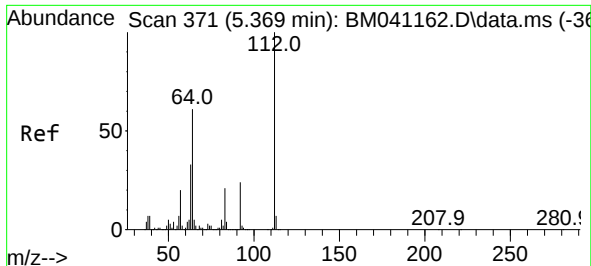


#4  
 n-Nitrosodimethylamine  
 Concen: 44.656 ng  
 RT: 3.581 min Scan# 67  
 Delta R.T. -0.000 min  
 Lab File: BM041305.D  
 Acq: 07 Aug 2023 10:34



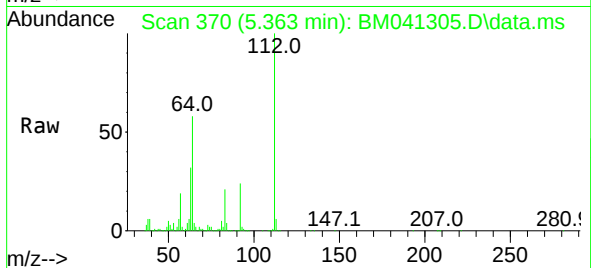
Tgt Ion: 42 Resp: 184501  
 Ion Ratio Lower Upper  
 42 100  
 74 134.3 100.8 151.2  
 44 5.8 5.0 7.4





#5  
2-Fluorophenol  
Concen: 142.854 ng  
RT: 5.363 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

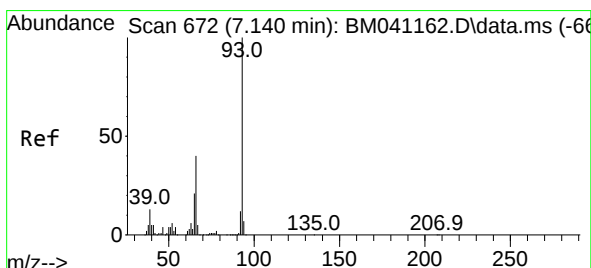
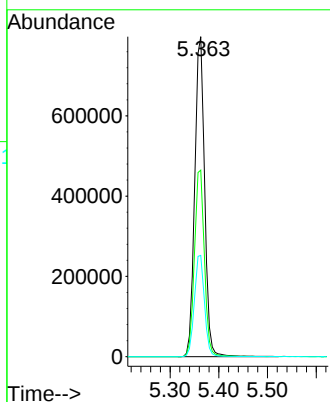
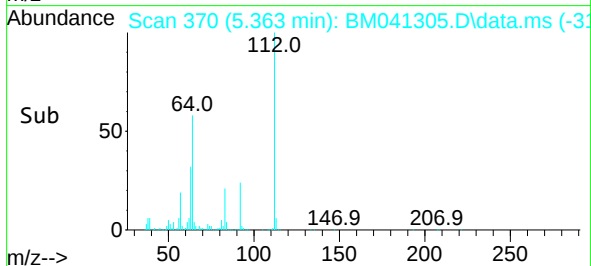
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Tgt Ion:112 Resp: 113455  
Ion Ratio Lower Upper  
112 100  
64 58.3 48.5 72.7  
63 31.7 26.5 39.7

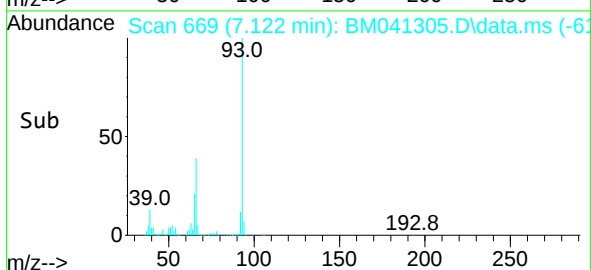
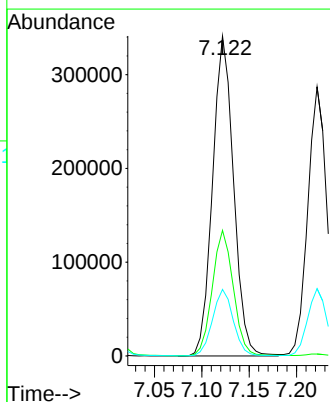
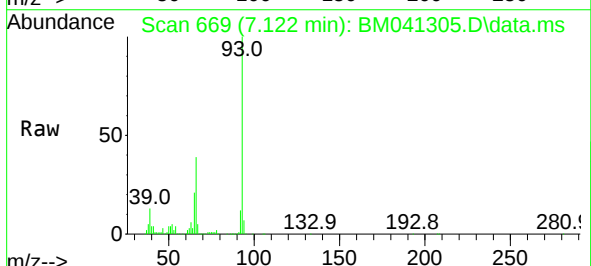
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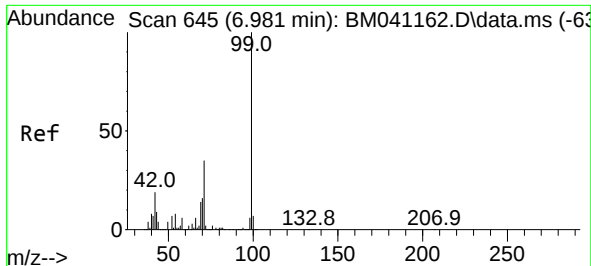
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#6  
Aniline  
Concen: 43.646 ng  
RT: 7.122 min Scan# 669  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

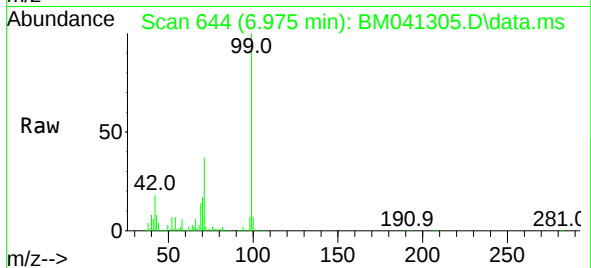
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Ion Ratio Lower Upper  
93 100  
66 39.3 32.0 48.0  
65 20.8 16.6 24.8





#7  
Phenol-d6  
Concen: 133.322 ng  
RT: 6.975 min Scan# 645  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
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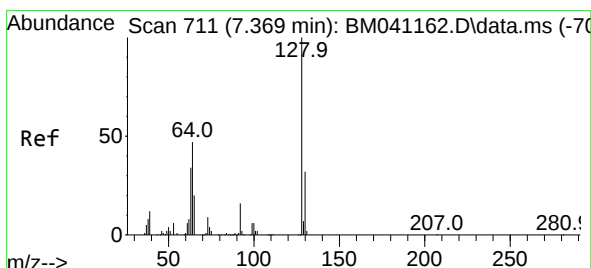
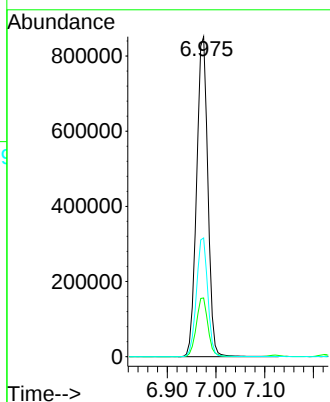
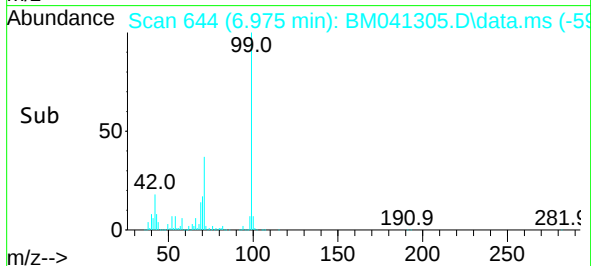
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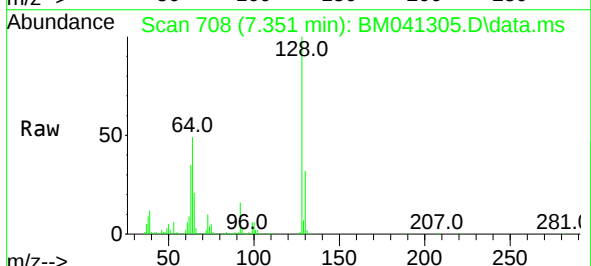
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Ion Ratio Lower Upper  
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42 18.4 15.4 23.0  
71 37.1 28.2 42.4

Manual Integrations  
APPROVED

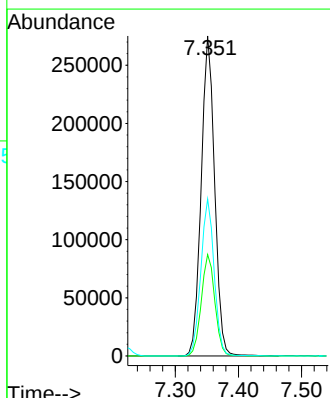
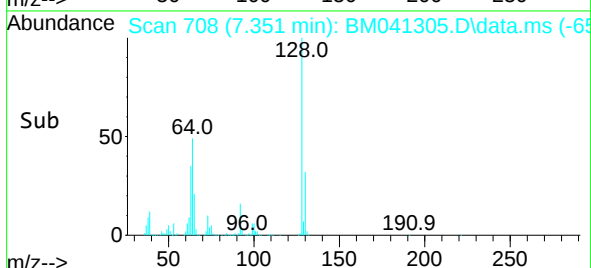
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

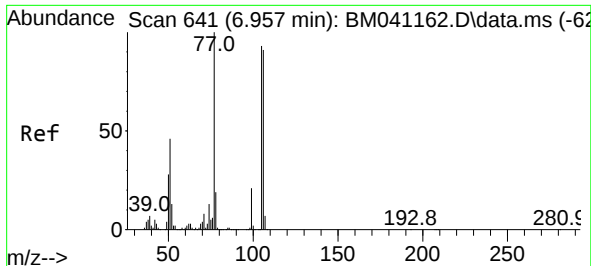


#8  
2-Chlorophenol  
Concen: 52.615 ng  
RT: 7.351 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



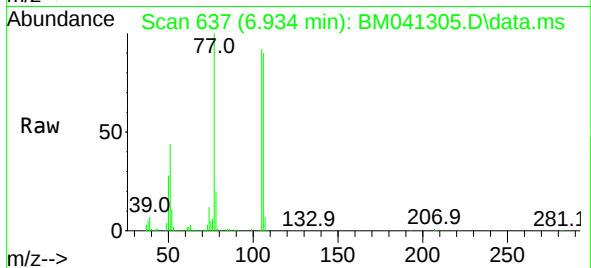
Tgt Ion:128 Resp: 407944  
Ion Ratio Lower Upper  
128 100  
130 31.7 12.3 52.3  
64 49.0 29.3 69.3





#9  
Benzaldehyde  
Concen: 44.460 ng m  
RT: 6.934 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

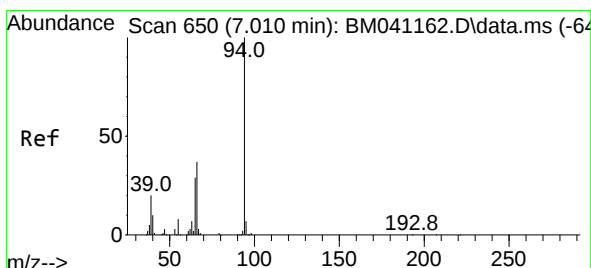
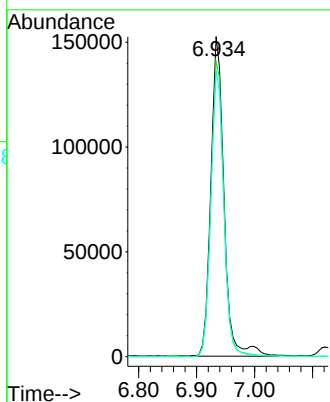
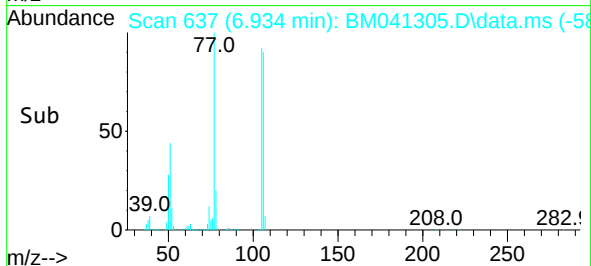
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



Tgt Ion: 77 Resp: 241514  
Ion Ratio Lower Upper  
77 100  
105 92.2 72.8 112.8  
106 89.6 70.8 110.8

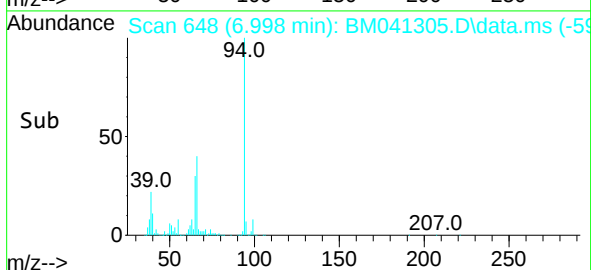
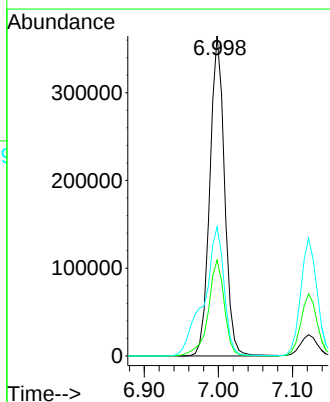
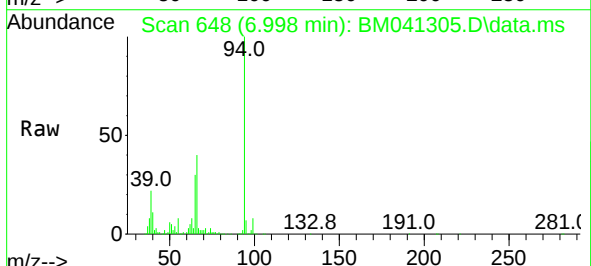
Manual Integrations  
APPROVED

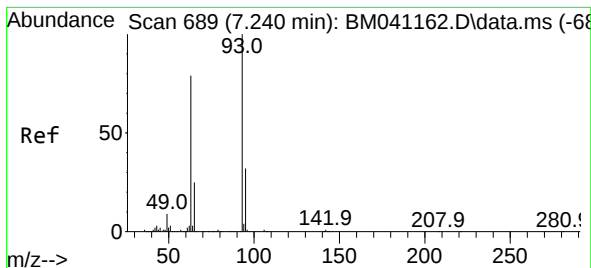
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#10  
Phenol  
Concen: 50.558 ng  
RT: 6.998 min Scan# 648  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Tgt Ion: 94 Resp: 502706  
Ion Ratio Lower Upper  
94 100  
65 30.0 9.5 49.5  
66 40.3 18.0 58.0





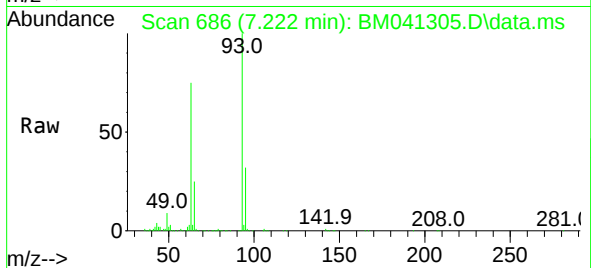
#11  
bis(2-Chloroethyl)ether  
Concen: 50.568 ng  
RT: 7.222 min Scan# 686  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

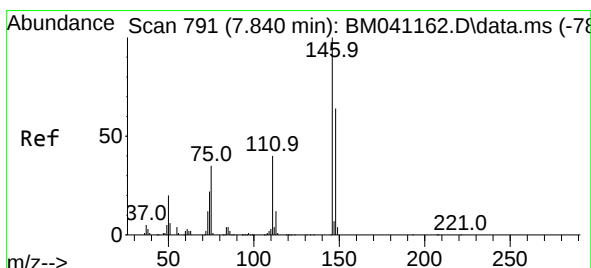
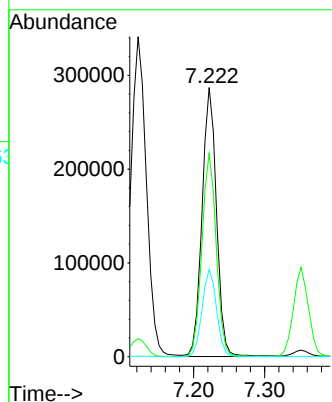
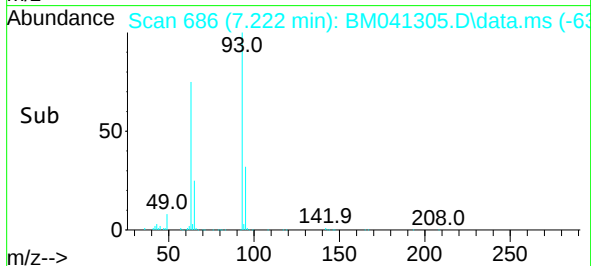
PB154530BS



Tgt Ion: 93 Resp: 407000  
Ion Ratio Lower Upper  
93 100  
63 75.5 58.8 98.8  
95 32.4 11.8 51.8

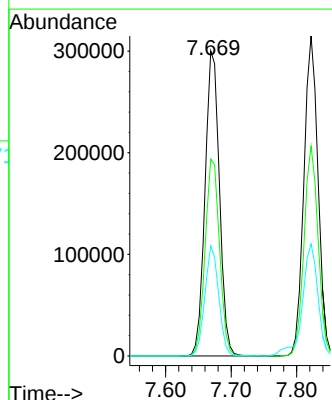
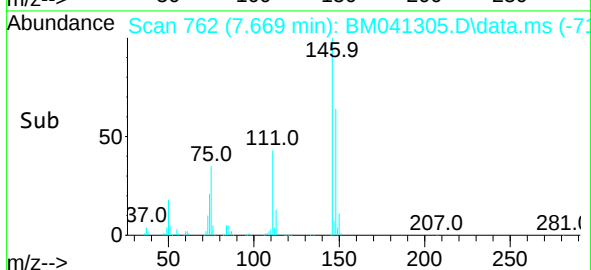
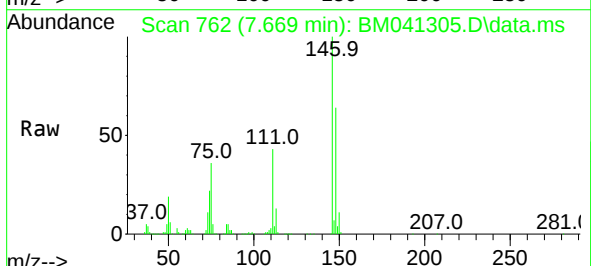
Manual Integrations  
APPROVED

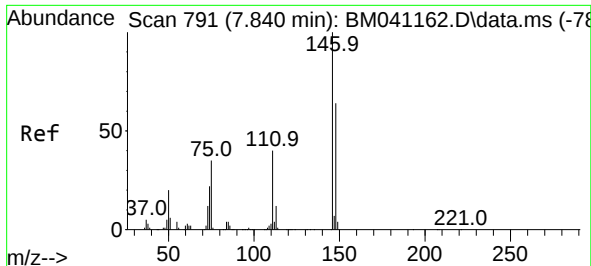
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#12  
1,3-Dichlorobenzene  
Concen: 54.487 ng  
RT: 7.669 min Scan# 762  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Tgt Ion:146 Resp: 459859  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.9 77.9  
75 36.1 28.3 42.5





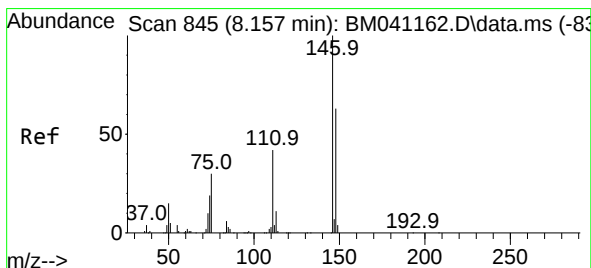
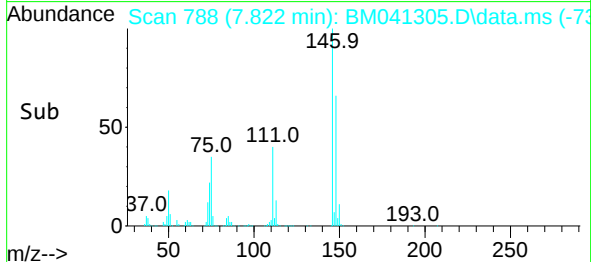
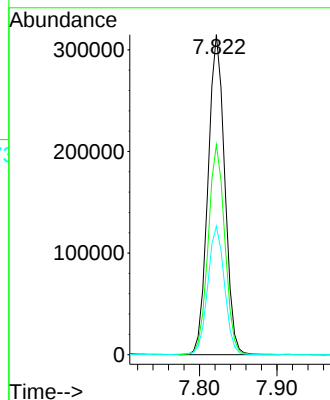
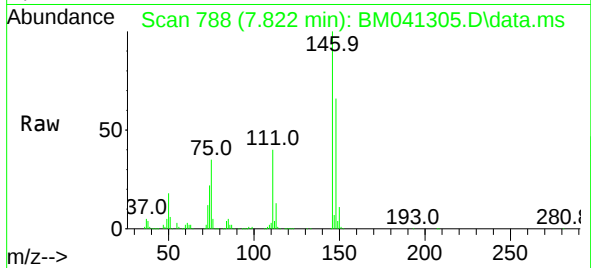
#13  
1,4-Dichlorobenzene  
Concen: 55.614 ng  
RT: 7.822 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS

Tgt Ion:146 Resp: 47177  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.4 77.0  
111 40.1 32.4 48.6

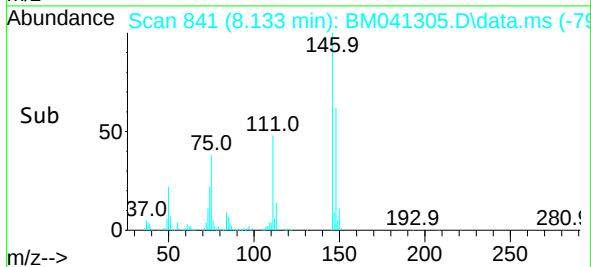
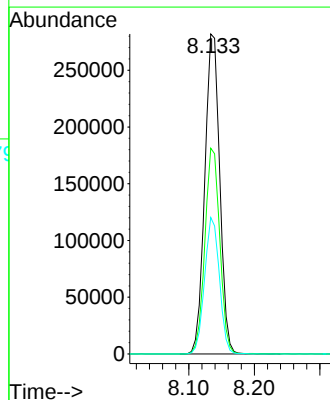
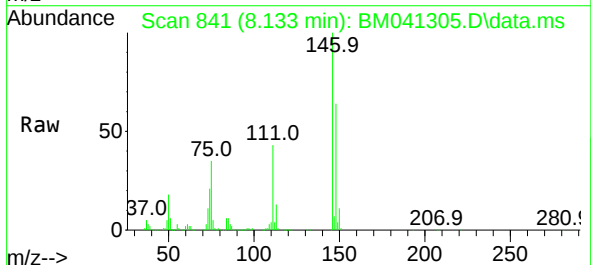
Manual Integrations  
APPROVED

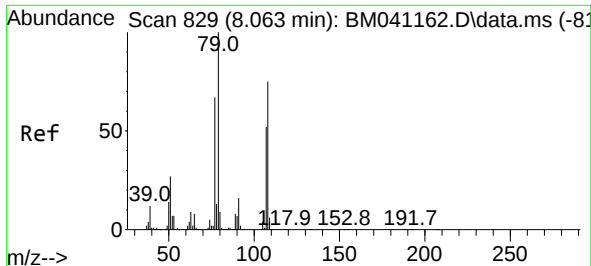
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#14  
1,2-Dichlorobenzene  
Concen: 55.236 ng  
RT: 8.133 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Tgt Ion:146 Resp: 449268  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.9 76.3  
111 42.6 33.8 50.6





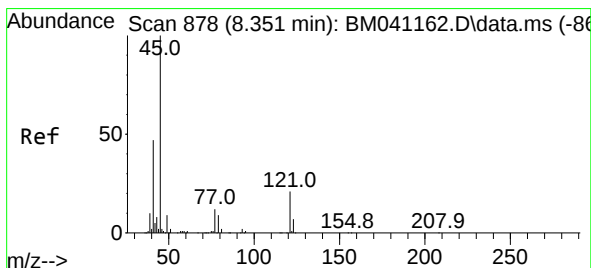
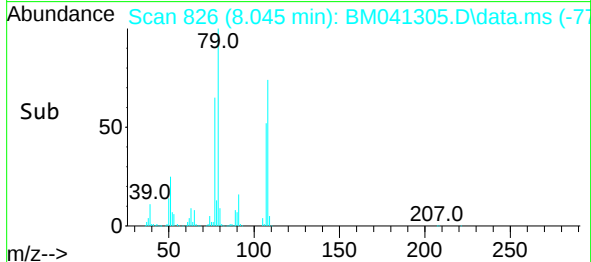
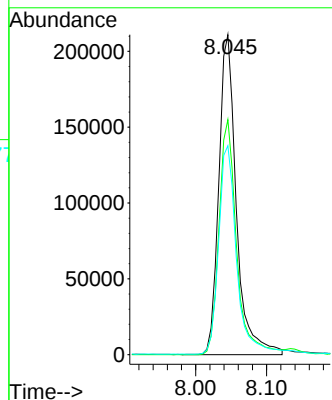
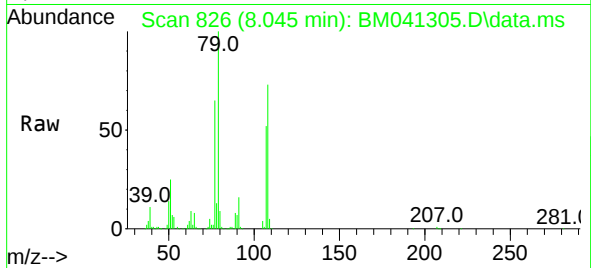
#15  
Benzyl Alcohol  
Concen: 55.637 ng m  
RT: 8.045 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS

Tgt Ion: 79 Resp: 36171  
Ion Ratio Lower Upper  
79 100  
108 73.5 59.8 89.8  
77 65.3 53.8 80.6

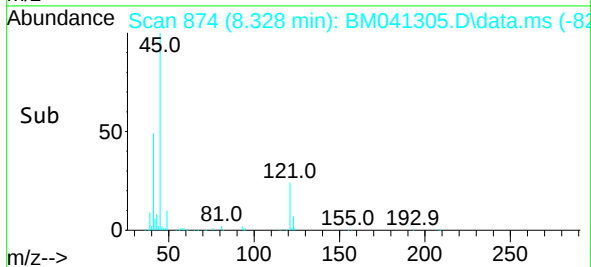
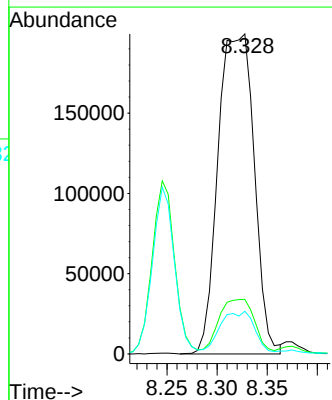
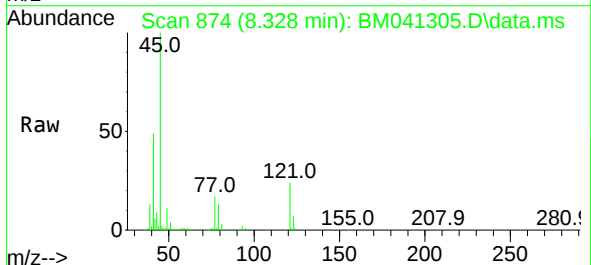
Manual Integrations  
APPROVED

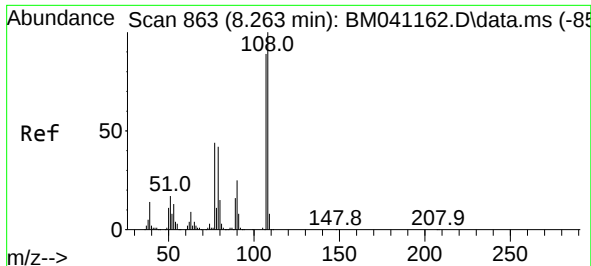
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.491 ng  
RT: 8.328 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Tgt Ion: 45 Resp: 498564  
Ion Ratio Lower Upper  
45 100  
77 17.1 0.0 34.5  
79 13.4 0.0 32.1





#17

2-Methylphenol

Concen: 48.271 ng

RT: 8.245 min Scan# 80

Delta R.T. -0.000 min

Lab File: BM041305.D

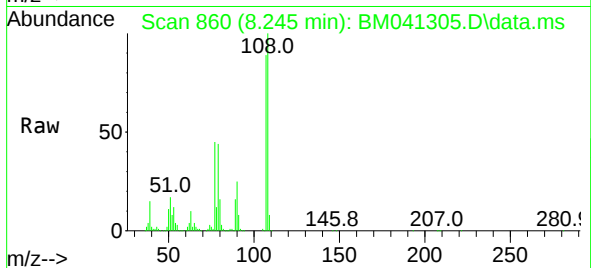
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS



Tgt Ion:107 Resp: 327909

Ion Ratio Lower Upper

107 100

108 112.3 89.9 134.9

77 51.1 39.8 59.8

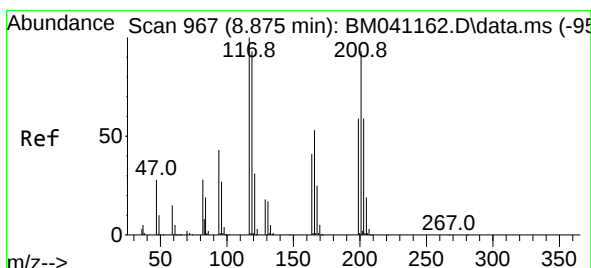
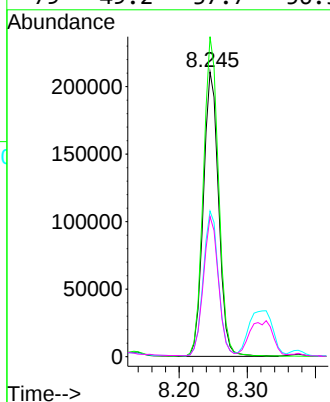
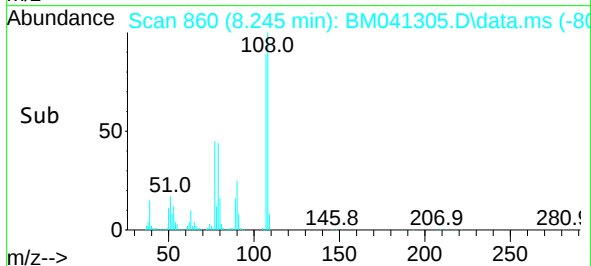
79 49.2 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#18

Hexachloroethane

Concen: 56.755 ng

RT: 8.857 min Scan# 964

Delta R.T. 0.006 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

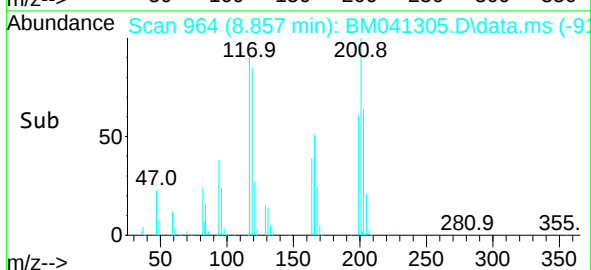
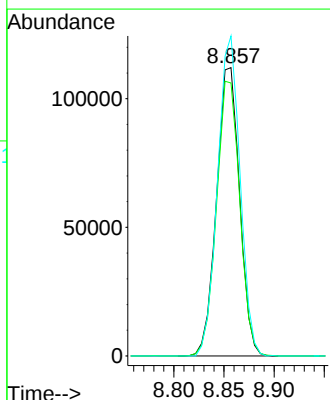
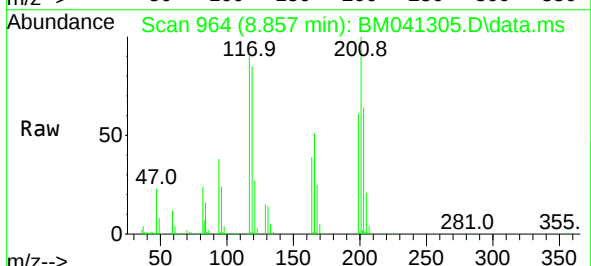
Tgt Ion:117 Resp: 179238

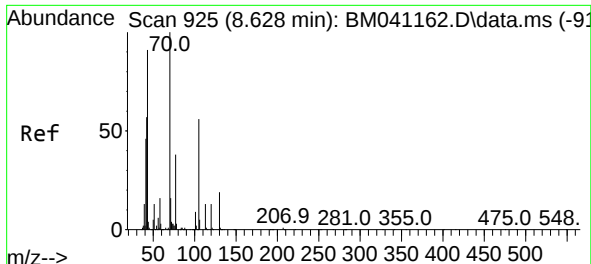
Ion Ratio Lower Upper

117 100

119 94.6 74.2 111.4

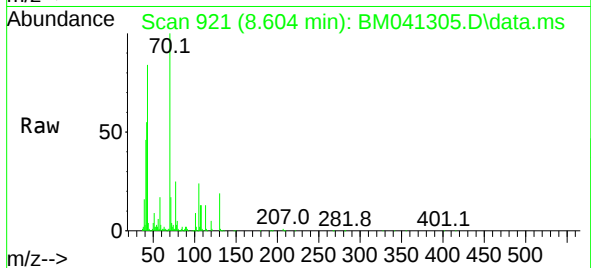
201 111.0 74.5 111.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 50.578 ng  
RT: 8.604 min Scan# 917  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

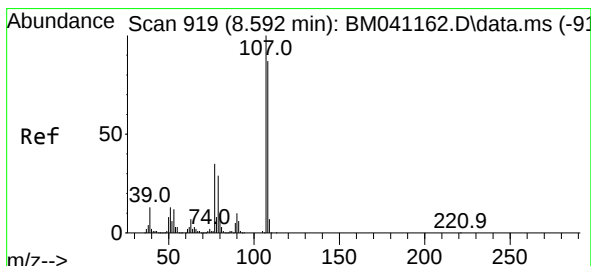
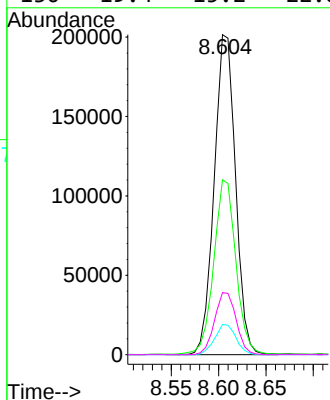
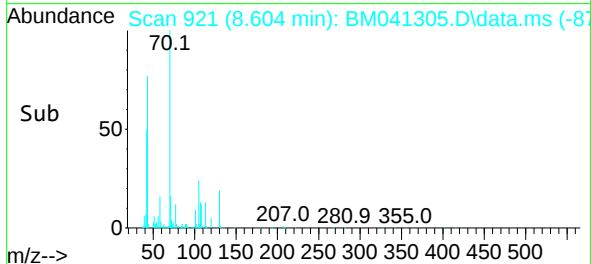
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



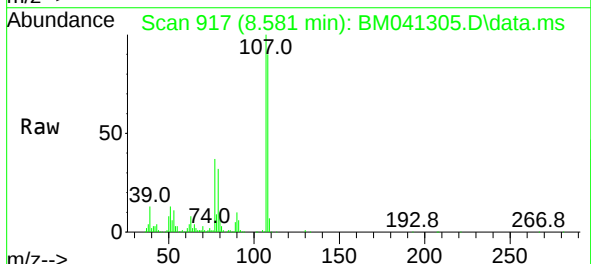
Tgt Ion: 70 Resp: 31626  
Ion Ratio Lower Upper  
70 100  
42 54.7 45.8 68.8  
101 9.5 7.4 11.0  
130 19.4 15.2 22.8

Manual Integrations  
APPROVED

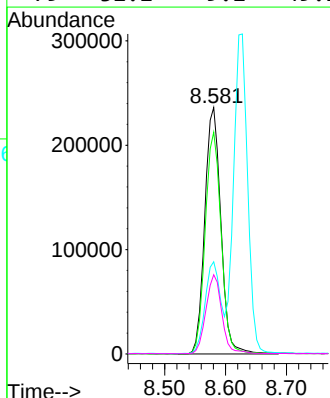
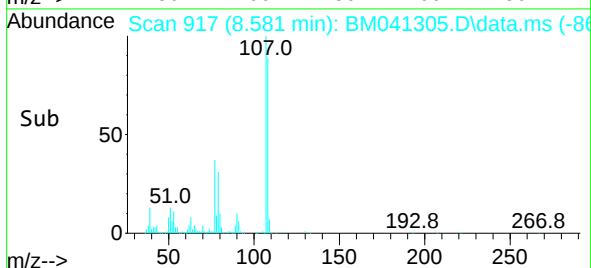
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

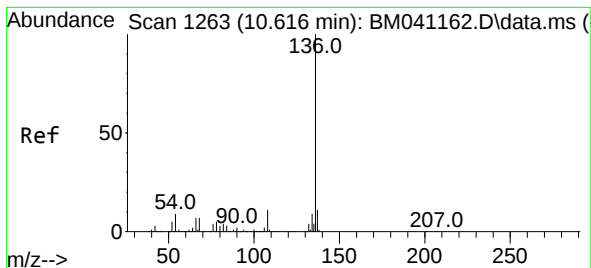


#20  
3+4-Methylphenols  
Concen: 47.933 ng  
RT: 8.581 min Scan# 917  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



Tgt Ion:107 Resp: 435361  
Ion Ratio Lower Upper  
107 100  
108 90.0 67.2 107.2  
77 37.4 15.4 55.4  
79 32.2 9.2 49.2





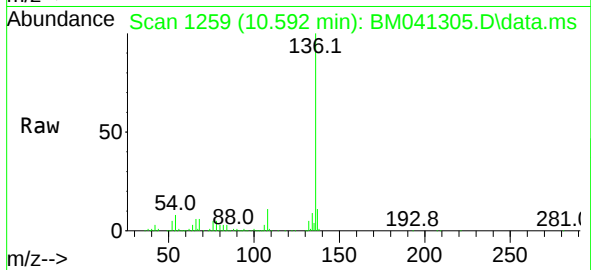
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.592 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

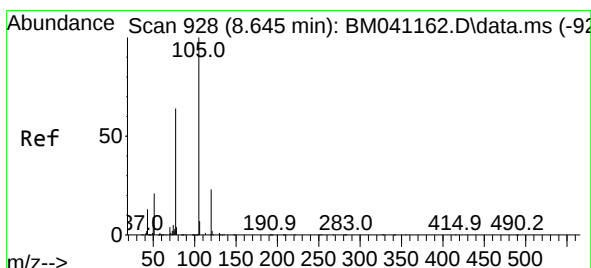
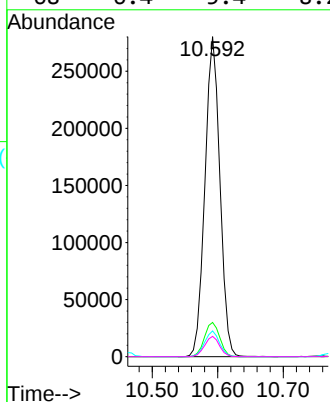
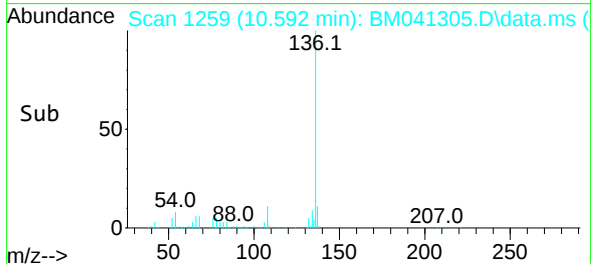


Tgt Ion:136 Resp: 445185  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 8.0 6.9 10.3  
68 6.4 5.4 8.2

Manual Integrations

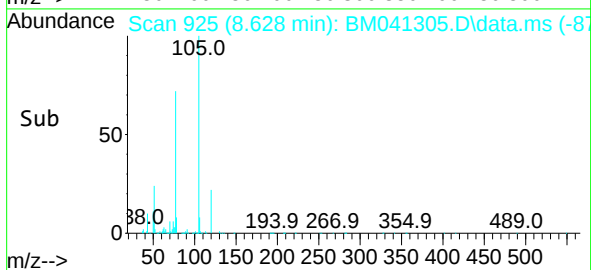
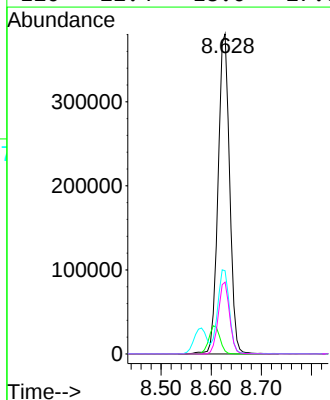
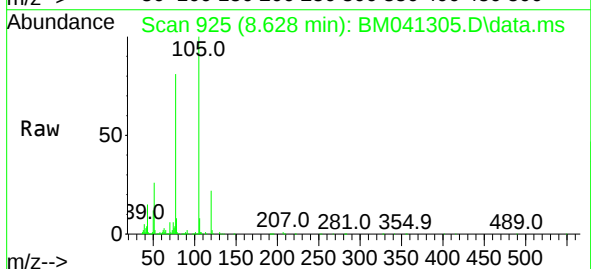
APPROVED

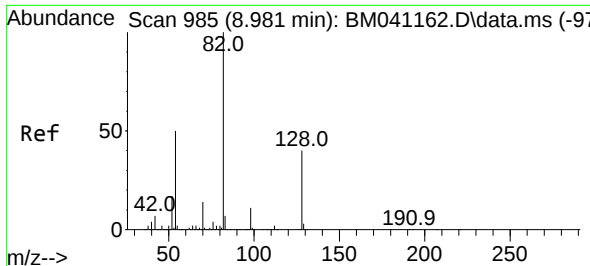
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#22  
Acetophenone  
Concen: 51.619 ng  
RT: 8.628 min Scan# 925  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Tgt Ion:105 Resp: 608610  
Ion Ratio Lower Upper  
105 100  
71 1.0 1.2 1.8#  
51 26.0 22.0 33.0  
120 22.4 18.0 27.0





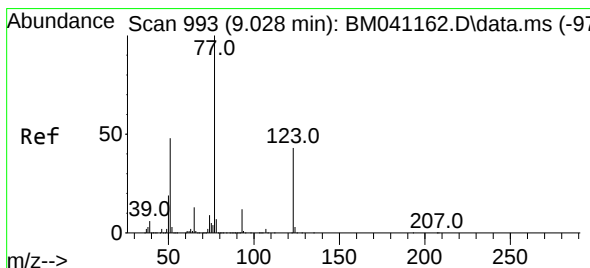
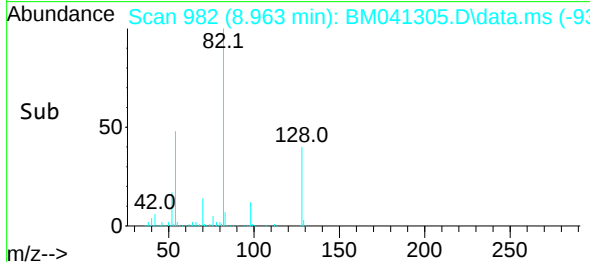
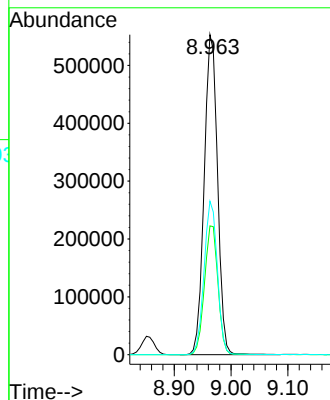
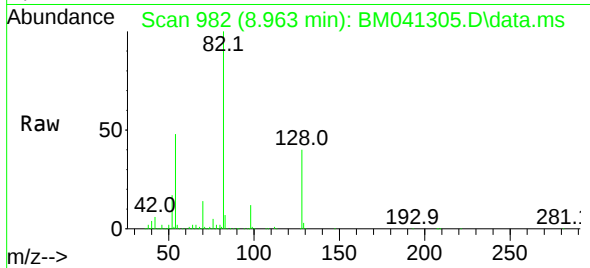
#23  
Nitrobenzene-d5  
Concen: 94.329 ng  
RT: 8.963 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS

Tgt Ion: 82 Resp: 903004  
Ion Ratio Lower Upper  
82 100  
128 40.2 31.8 47.6  
54 48.0 40.1 60.1

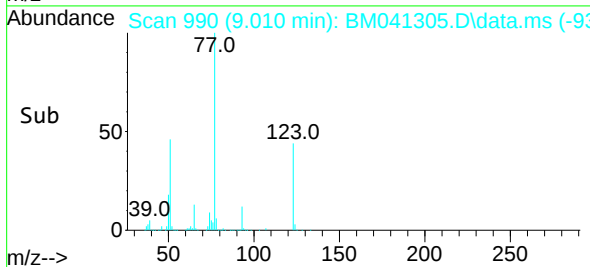
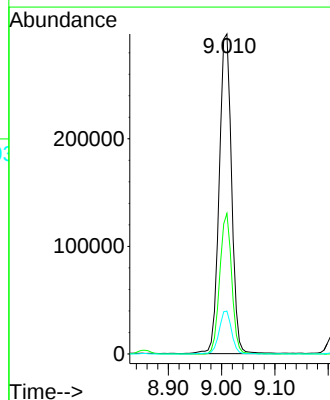
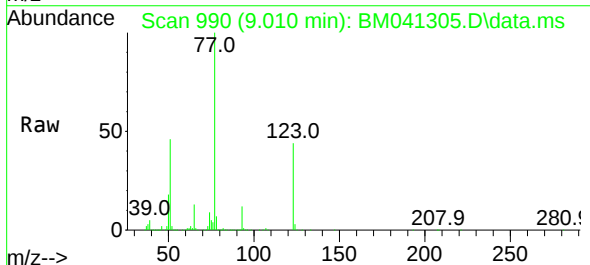
Manual Integrations  
APPROVED

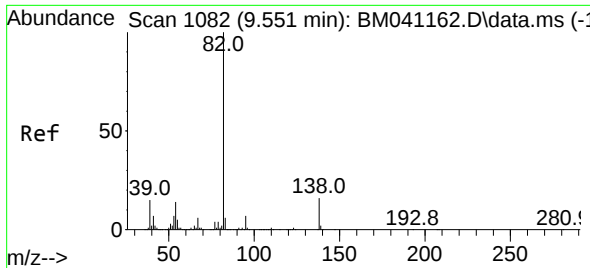
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#24  
Nitrobenzene  
Concen: 49.318 ng  
RT: 9.010 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

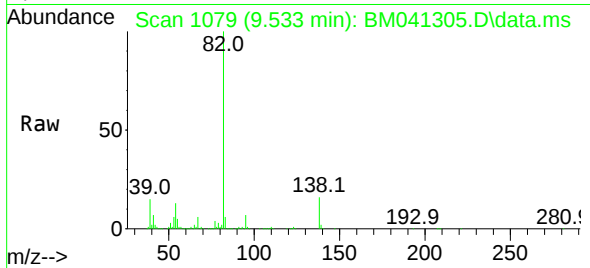
Tgt Ion: 77 Resp: 477444  
Ion Ratio Lower Upper  
77 100  
123 43.9 34.2 51.2  
65 13.4 10.7 16.1





#25  
Isophorone  
Concen: 51.066 ng  
RT: 9.533 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

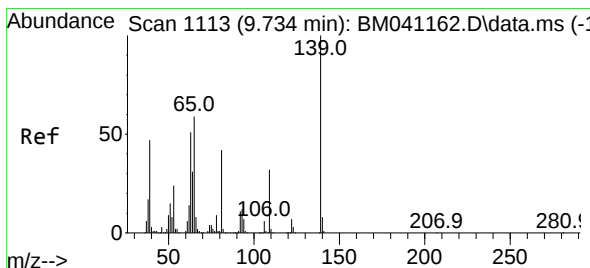
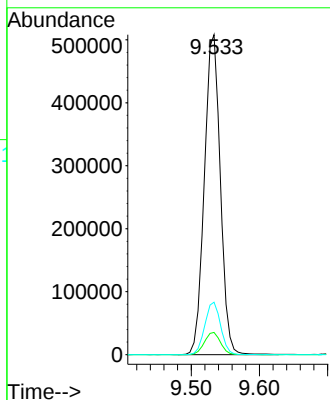
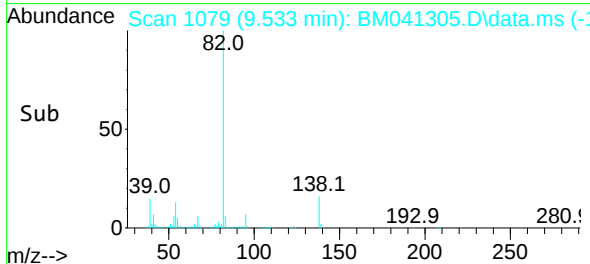
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



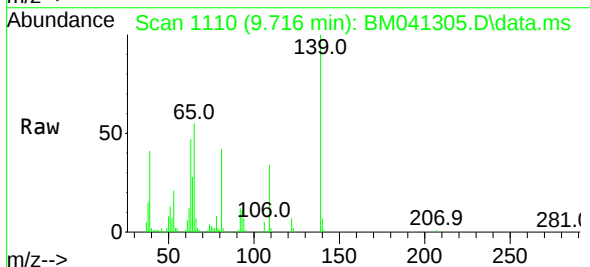
Tgt Ion: 82 Resp: 829829  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.3 7.9  
138 16.4 12.8 19.2

Manual Integrations  
APPROVED

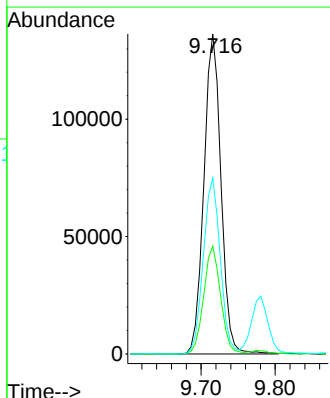
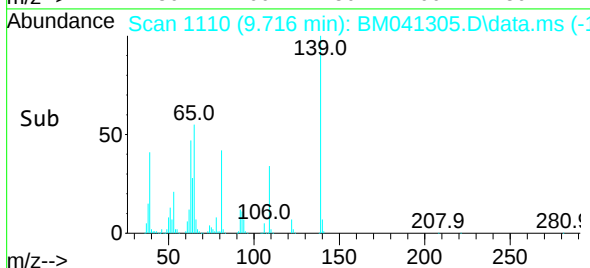
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

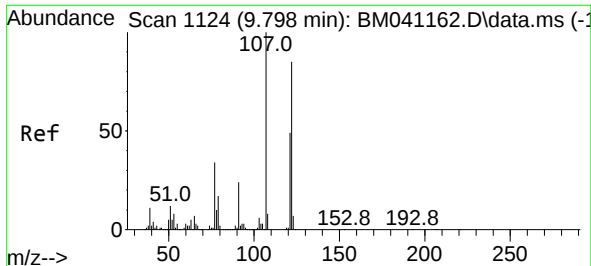


#26  
2-Nitrophenol  
Concen: 57.717 ng  
RT: 9.716 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



Tgt Ion:139 Resp: 218427  
Ion Ratio Lower Upper  
139 100  
109 33.7 25.4 38.2  
65 55.0 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 48.147 ng

RT: 9.780 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041305.D

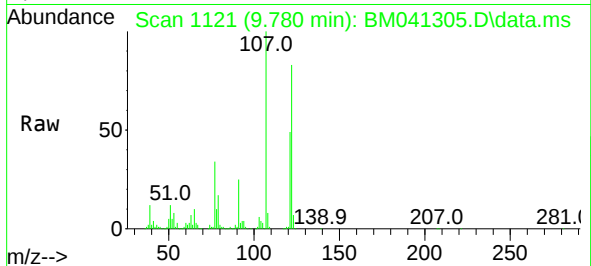
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS



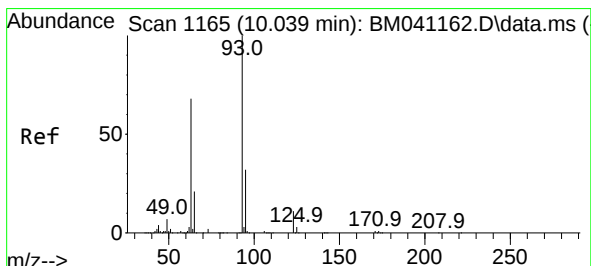
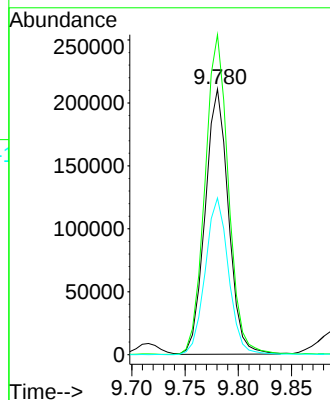
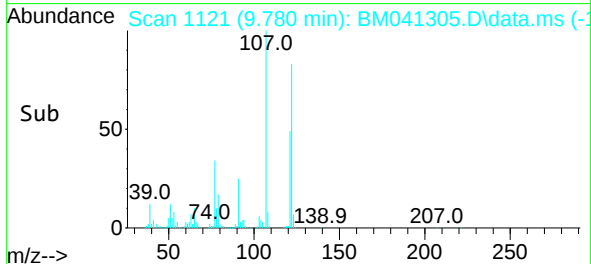
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 32063 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 120.5 | 94.3  | 141.5 |
| 121      | 59.0  | 45.8  | 68.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.834 ng

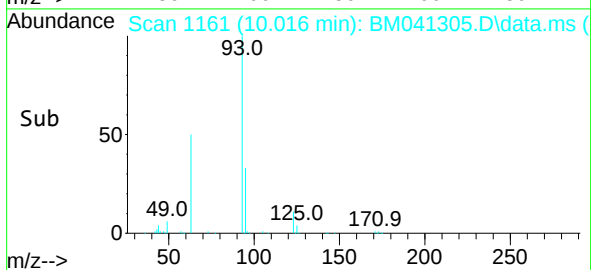
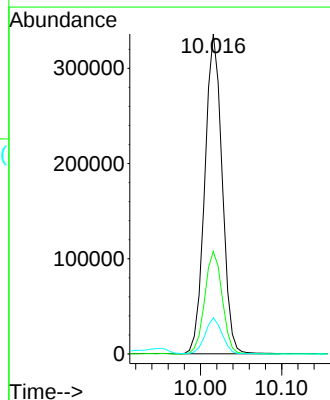
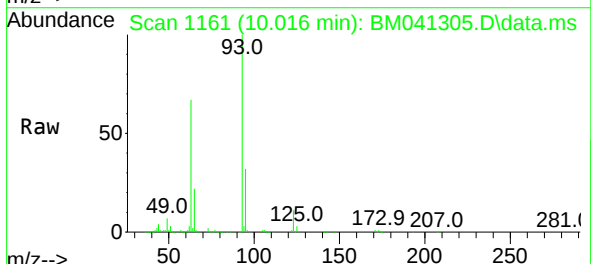
RT: 10.016 min Scan# 1161

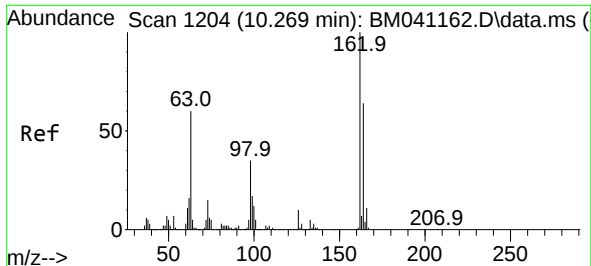
Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 497084 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.0  | 25.9  | 38.9   |
| 123      | 11.3  | 9.1   | 13.7   |





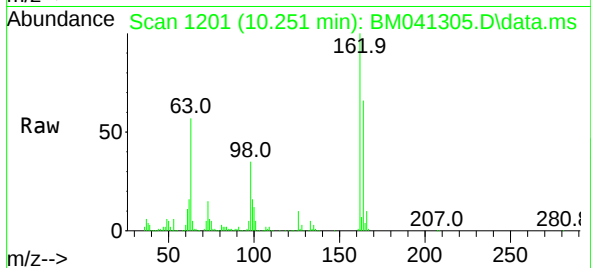
#29  
2,4-Dichlorophenol  
Concen: 53.848 ng  
RT: 10.251 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

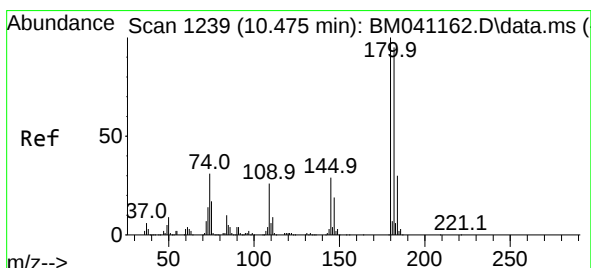
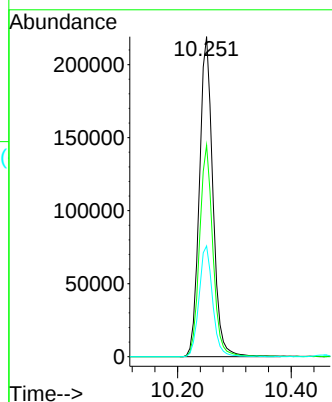
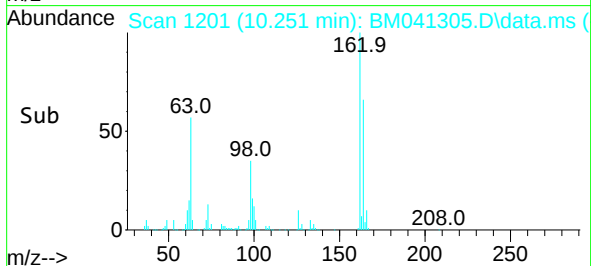


Tgt Ion:162 Resp: 36162  
Ion Ratio Lower Upper  
162 100  
164 66.1 44.3 84.3  
98 34.6 15.1 55.1

Manual Integrations

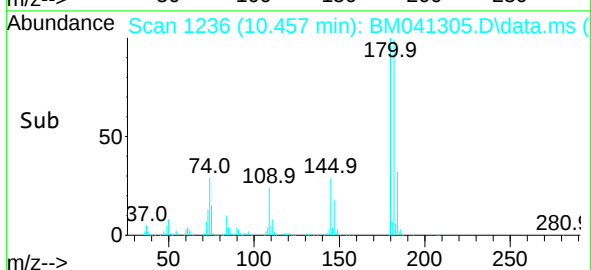
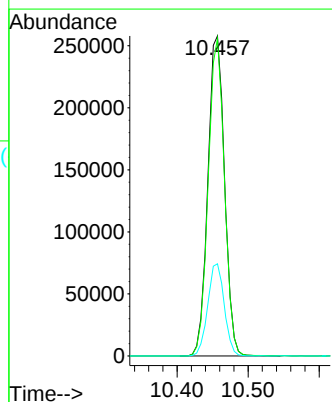
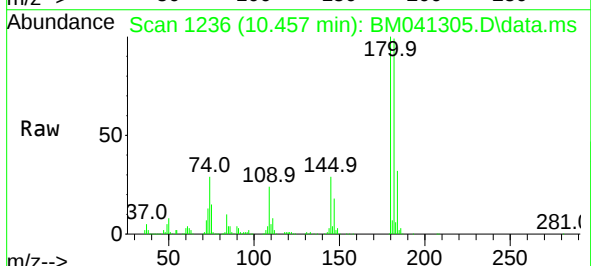
APPROVED

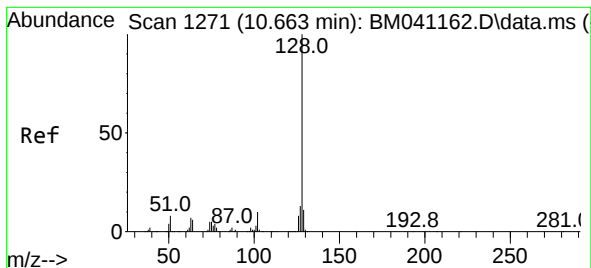
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 56.750 ng  
RT: 10.457 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

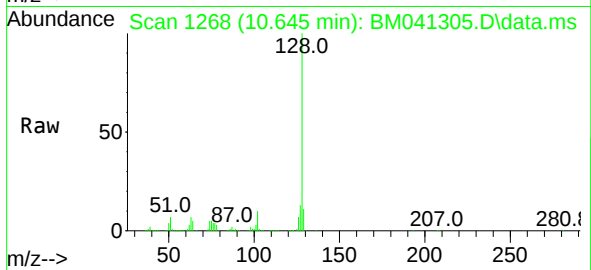
Tgt Ion:180 Resp: 421074  
Ion Ratio Lower Upper  
180 100  
182 99.3 75.9 113.9  
145 28.8 23.6 35.4





#31  
Naphthalene  
Concen: 49.217 ng  
RT: 10.645 min Scan# 118898  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

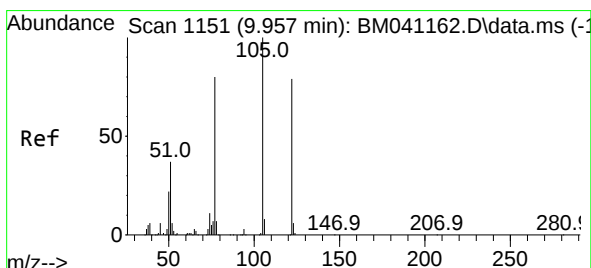
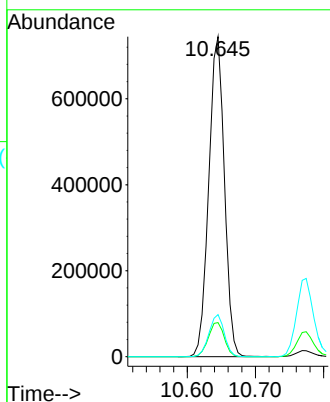
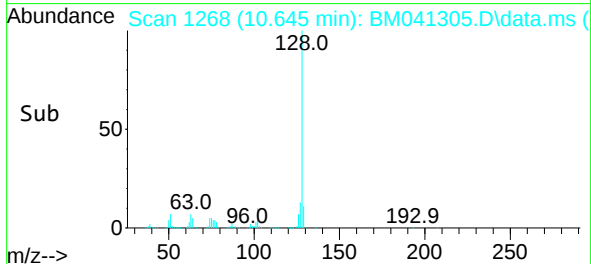
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



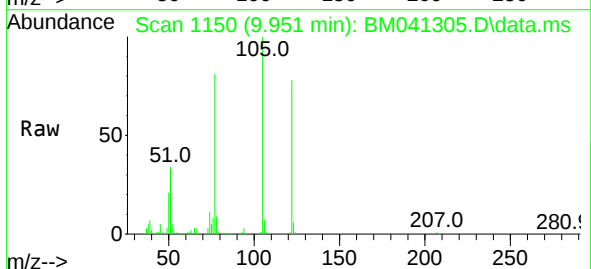
Tgt Ion:128 Resp: 118898  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.0 13.4  
127 13.1 10.5 15.7

Manual Integrations  
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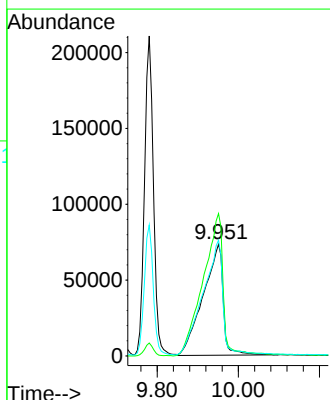
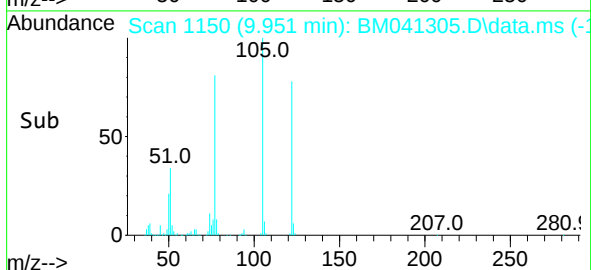
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

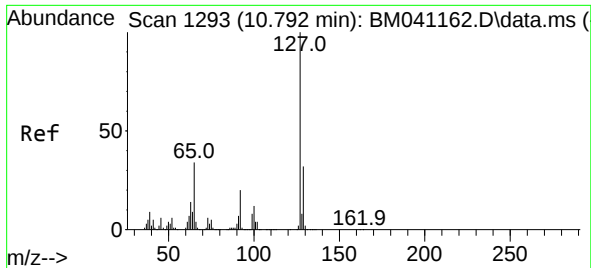


#32  
Benzoic acid  
Concen: 49.690 ng  
RT: 9.951 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



Tgt Ion:122 Resp: 250010  
Ion Ratio Lower Upper  
122 100  
105 127.5 104.0 144.0  
77 103.7 79.9 119.9





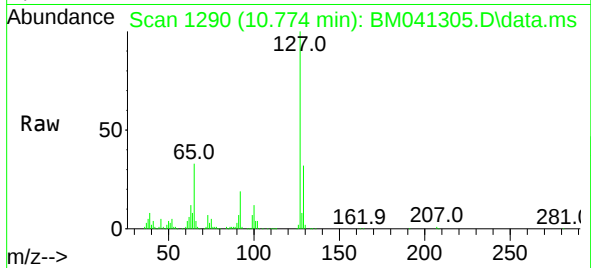
#33  
4-Chloroaniline  
Concen: 34.311 ng  
RT: 10.774 min Scan# 1293  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

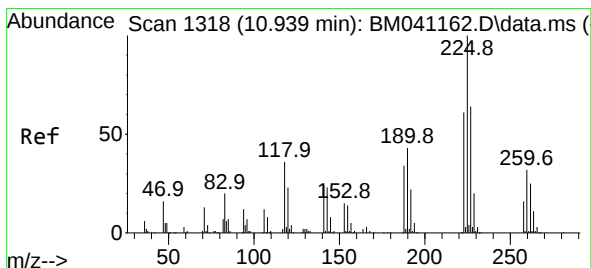
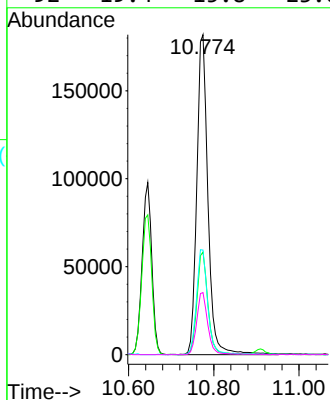
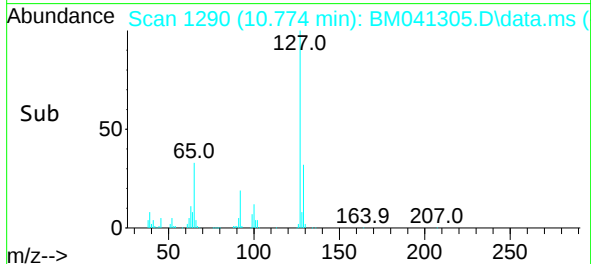


Tgt Ion:127 Resp: 331259  
Ion Ratio Lower Upper  
127 100  
129 32.0 25.9 38.9  
65 32.7 26.9 40.3  
92 19.4 15.8 23.6

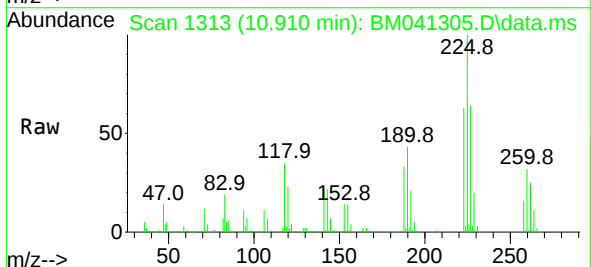
Manual Integrations

APPROVED

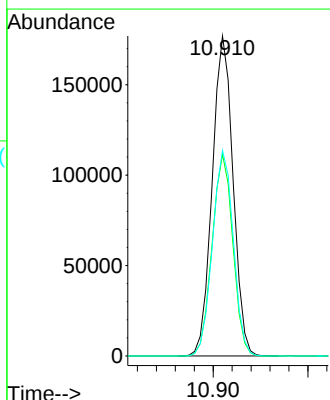
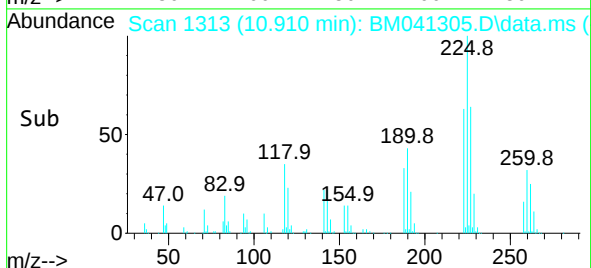
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

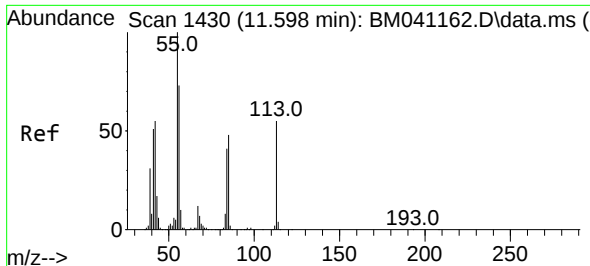


#34  
Hexachlorobutadiene  
Concen: 60.474 ng  
RT: 10.910 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



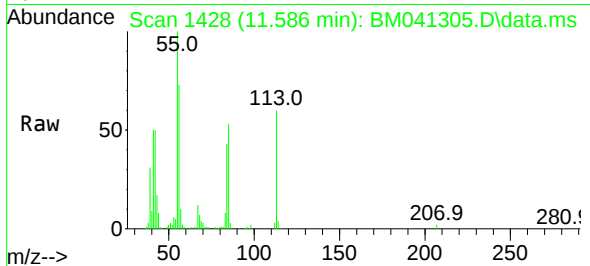
Tgt Ion:225 Resp: 269864  
Ion Ratio Lower Upper  
225 100  
223 62.9 49.0 73.4  
227 64.3 50.8 76.2





#35  
Caprolactam  
Concen: 49.093 ng  
RT: 11.586 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

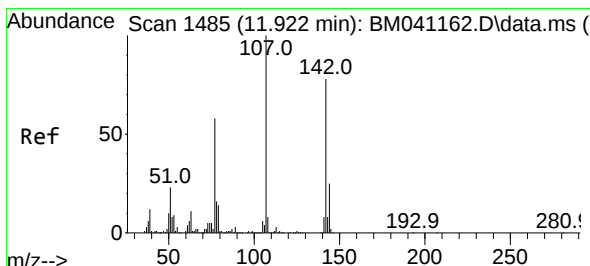
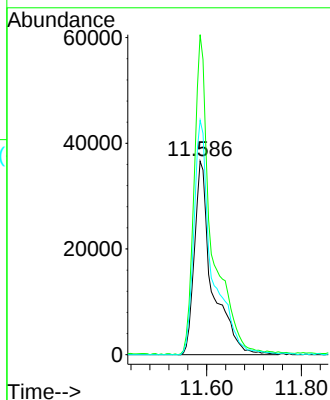
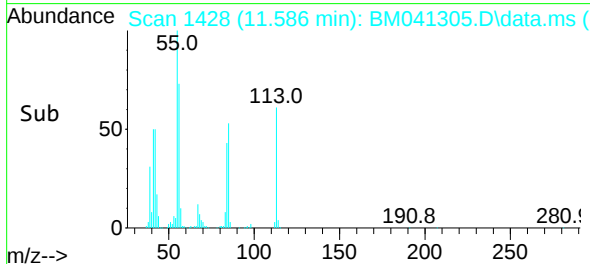
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



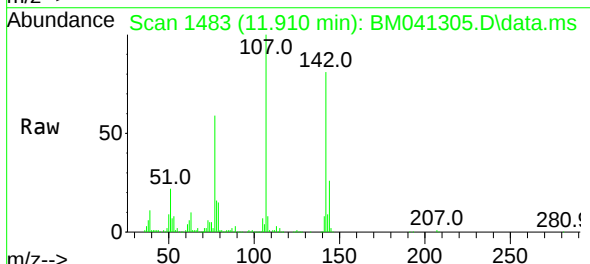
Tgt Ion:113 Resp: 95374  
Ion Ratio Lower Upper  
113 100  
55 165.5 162.5 202.5  
56 121.2 114.1 154.1

Manual Integrations  
APPROVED

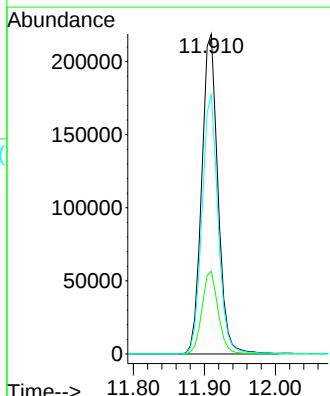
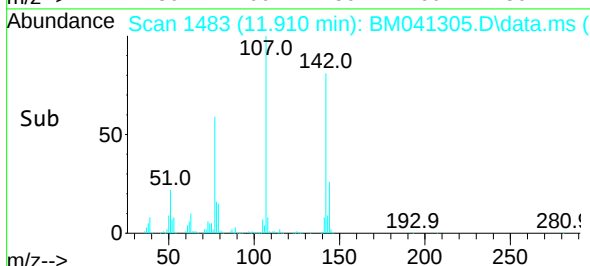
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

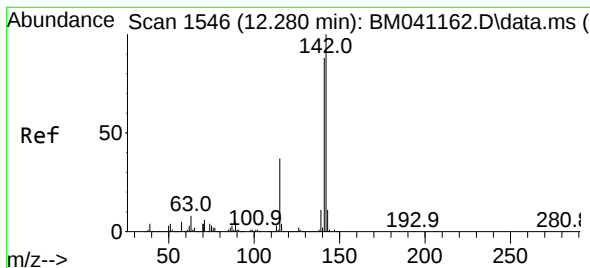


#36  
4-Chloro-3-methylphenol  
Concen: 49.369 ng  
RT: 11.910 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



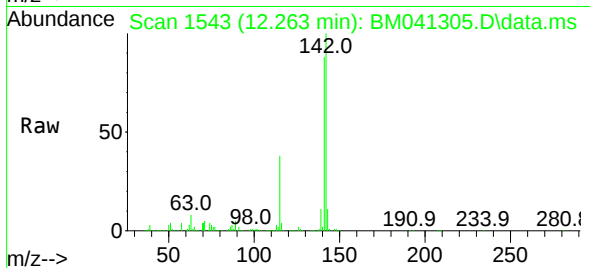
Tgt Ion:107 Resp: 348964  
Ion Ratio Lower Upper  
107 100  
144 25.8 20.1 30.1  
142 81.1 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 48.024 ng  
RT: 12.263 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

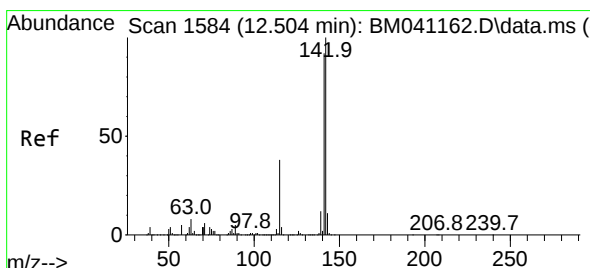
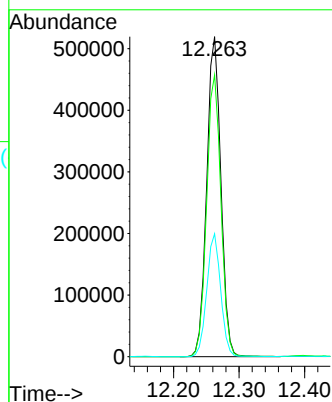
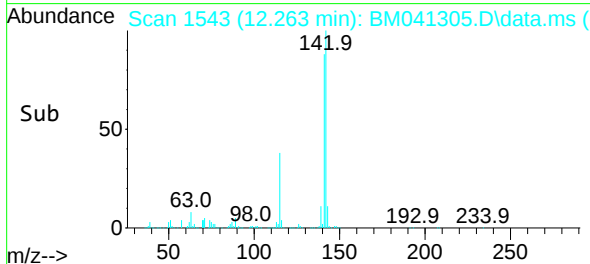
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



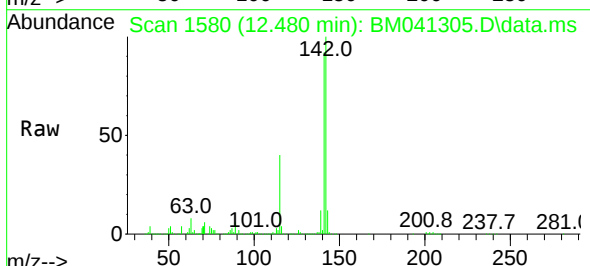
Tgt Ion:142 Resp: 782170  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.7 106.1  
115 38.4 29.3 43.9

Manual Integrations  
APPROVED

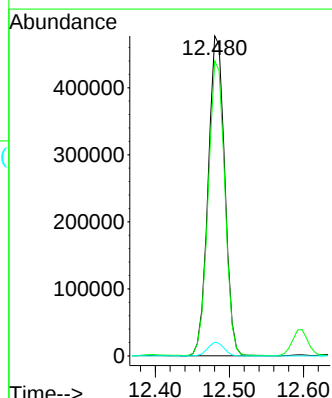
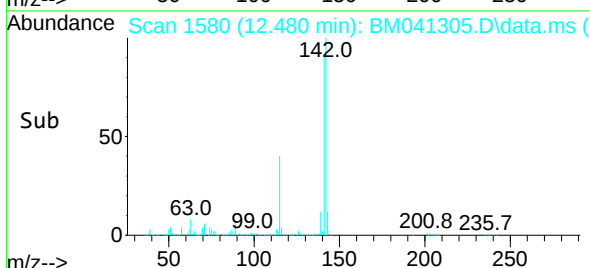
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

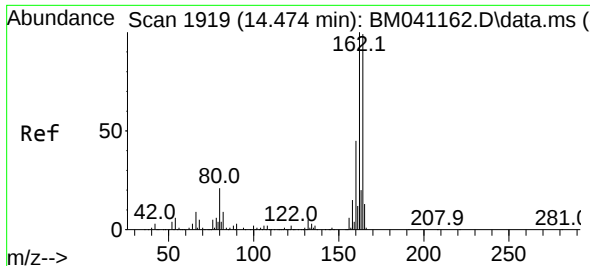


#38  
1-Methylnaphthalene  
Concen: 48.631 ng  
RT: 12.480 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



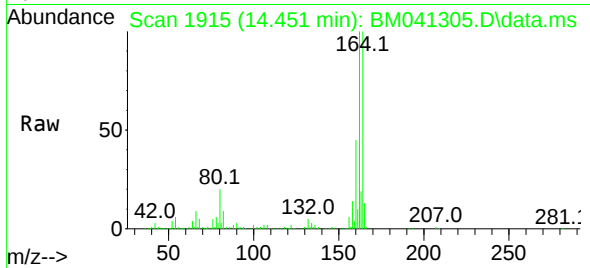
Tgt Ion:142 Resp: 741324  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.4 110.2  
116 4.3 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

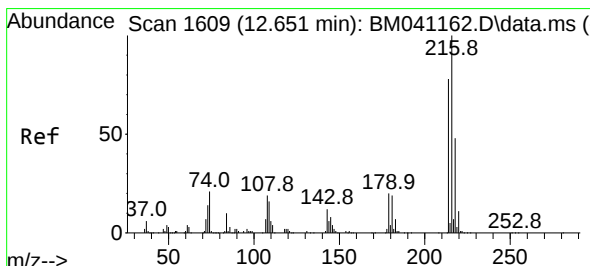
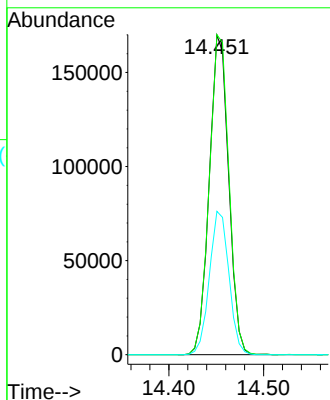
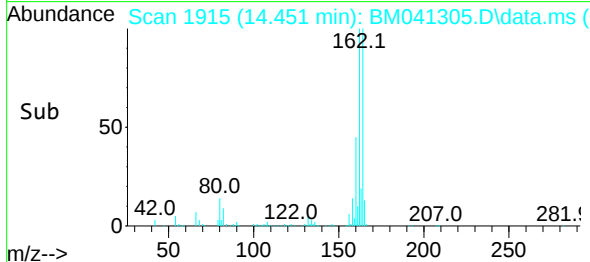
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



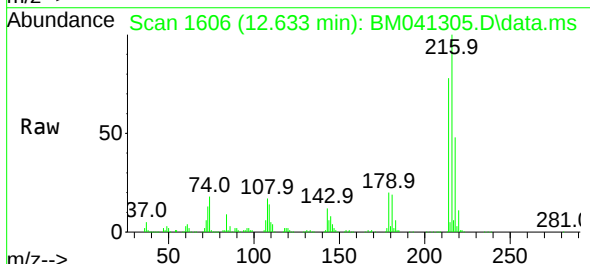
Tgt Ion:164 Resp: 240584  
Ion Ratio Lower Upper  
164 100  
162 100.2 80.4 120.6  
160 44.9 36.2 54.2

Manual Integrations  
APPROVED

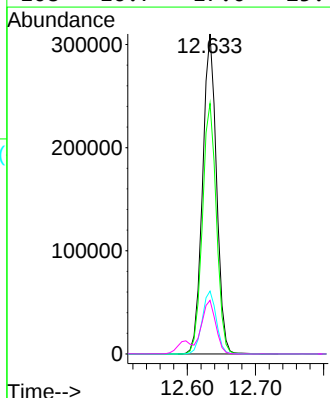
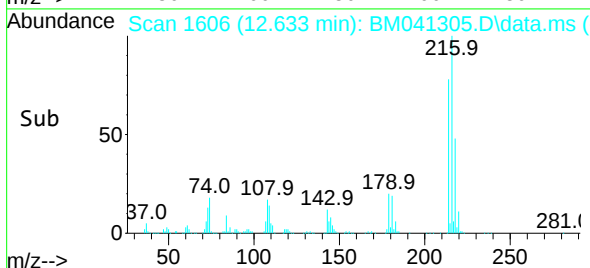
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

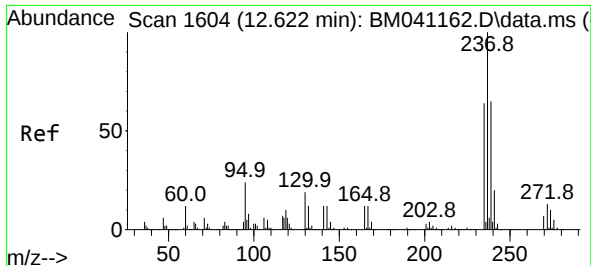


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 56.392 ng  
RT: 12.633 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



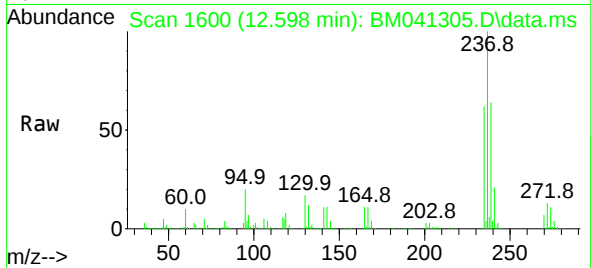
Tgt Ion:216 Resp: 440534  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.2 94.8  
179 19.9 16.2 24.2  
108 16.7 17.0 25.4#





#41  
Hexachlorocyclopentadiene  
Concen: 123.712 ng  
RT: 12.598 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

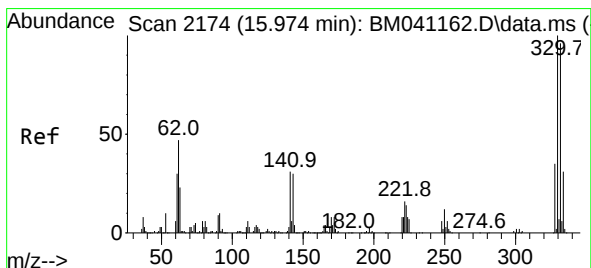
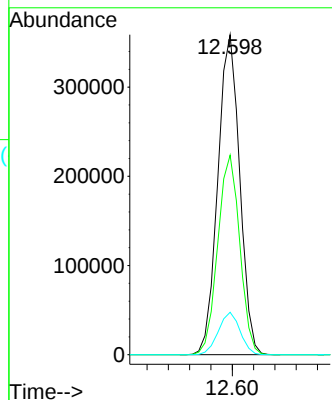
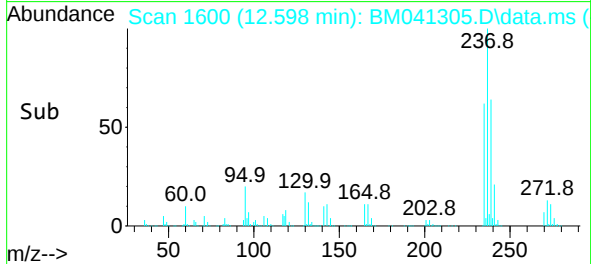
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



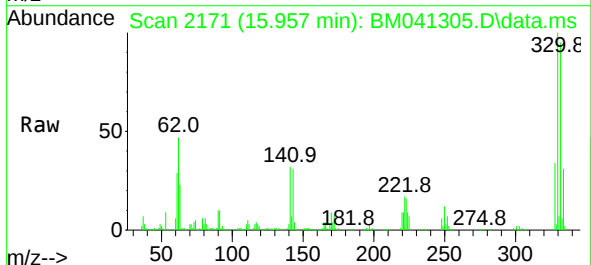
Tgt Ion:237 Resp: 511293  
Ion Ratio Lower Upper  
237 100  
235 62.4 43.6 83.6  
272 13.2 0.0 33.3

Manual Integrations  
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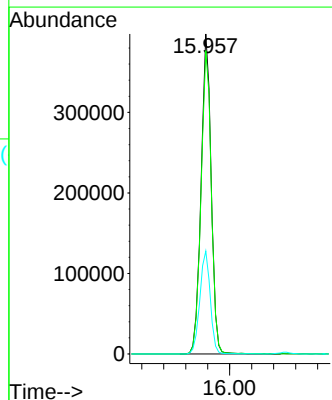
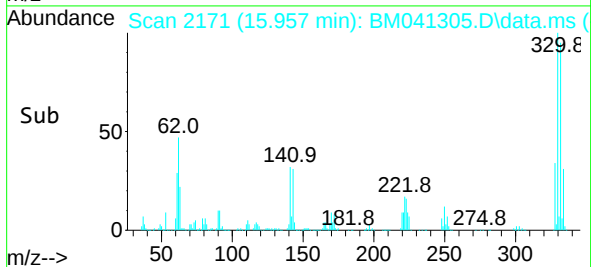
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

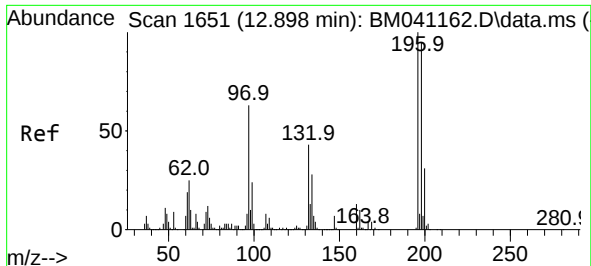


#42  
2,4,6-Tribromophenol  
Concen: 149.045 ng  
RT: 15.957 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



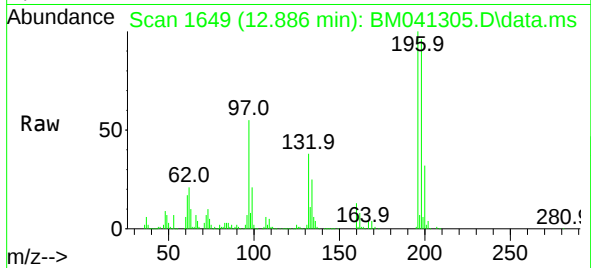
Tgt Ion:330 Resp: 507189  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.7 116.5  
141 33.1 28.3 42.5





#43  
2,4,6-Trichlorophenol  
Concen: 55.931 ng  
RT: 12.886 min Scan# 1649  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

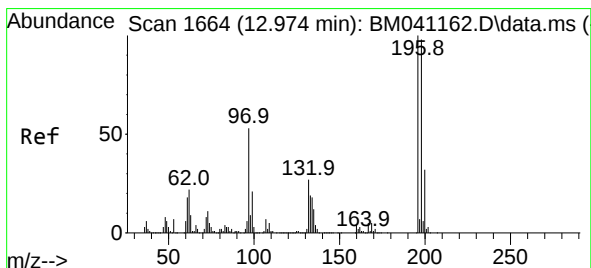
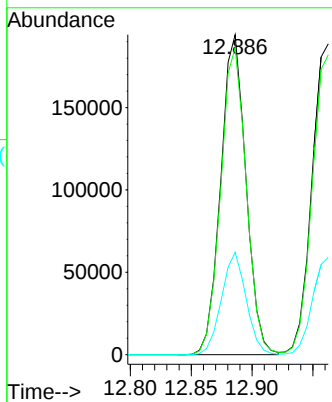
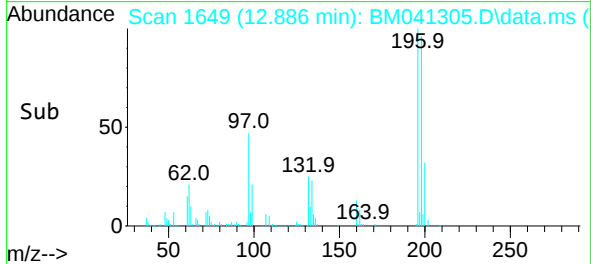
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



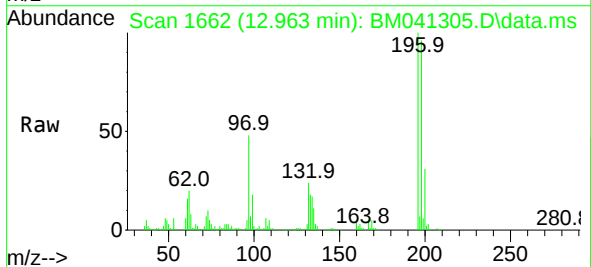
Tgt Ion:196 Resp: 280050  
Ion Ratio Lower Upper  
196 100  
198 95.9 76.2 114.4  
200 32.0 24.6 36.8

Manual Integrations  
APPROVED

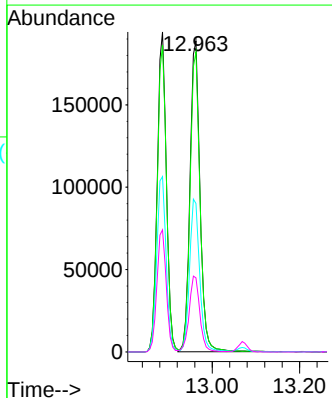
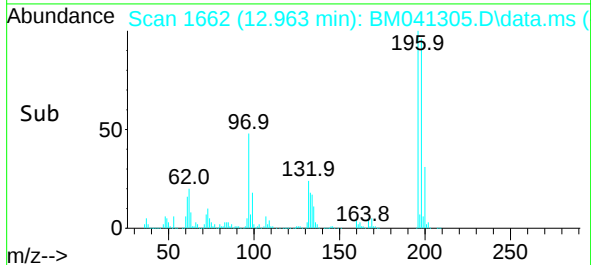
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

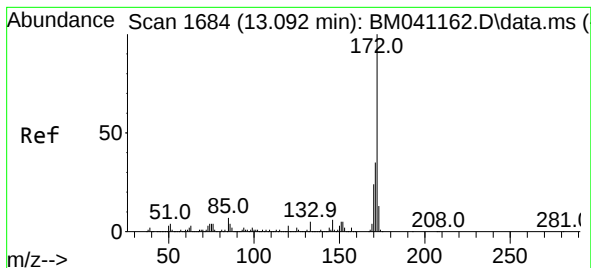


#44  
2,4,5-Trichlorophenol  
Concen: 51.999 ng  
RT: 12.963 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



Tgt Ion:196 Resp: 301347  
Ion Ratio Lower Upper  
196 100  
198 96.5 78.2 117.4  
97 47.8 42.7 64.1  
132 23.8 21.6 32.4





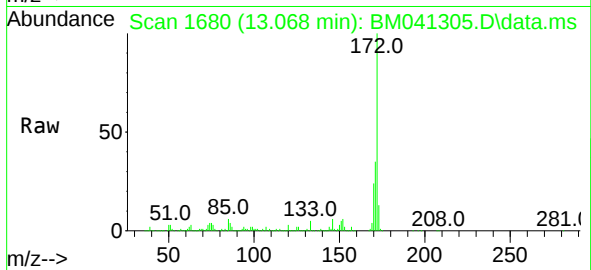
#45  
2-Fluorobiphenyl  
Concen: 97.831 ng  
RT: 13.068 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS



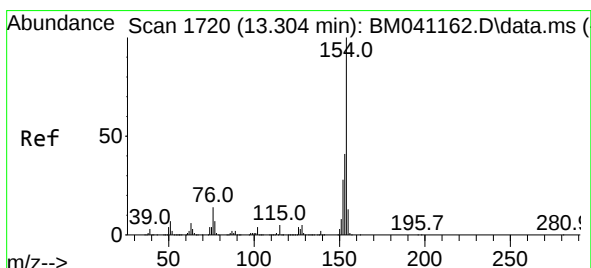
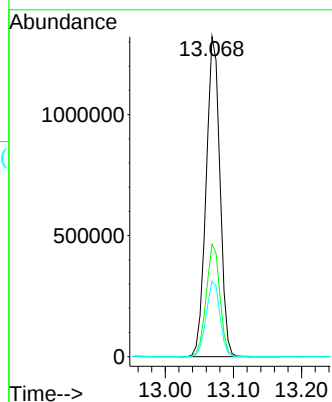
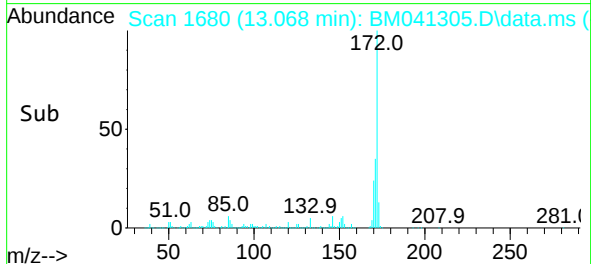
Tgt Ion:172 Resp: 186318  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.6 18.9 28.3

Manual Integrations

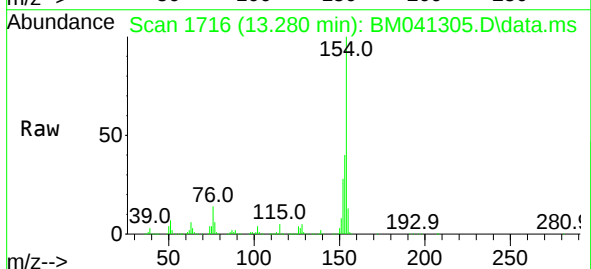
APPROVED

Reviewed By :Yogesh Patel 08/08/2023

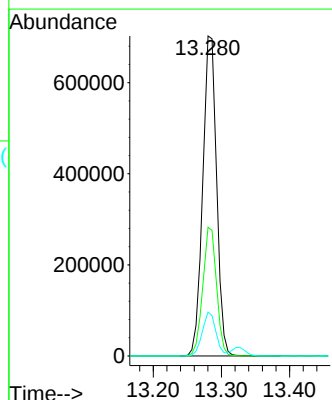
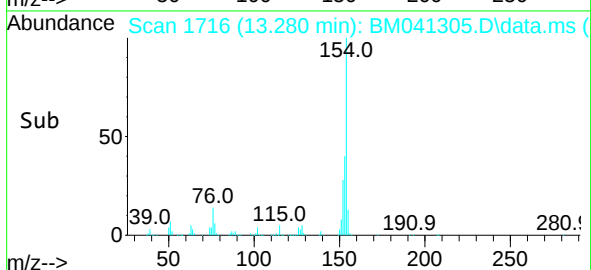
Supervised By :mohammad ahmed 08/08/2023

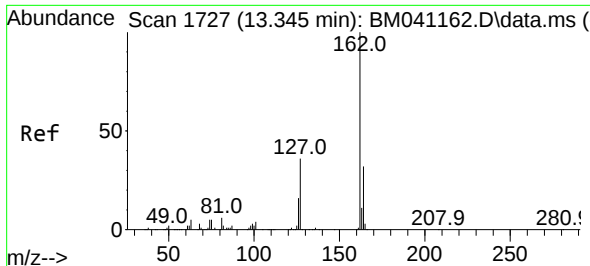


#46  
1,1'-Biphenyl  
Concen: 51.066 ng  
RT: 13.280 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



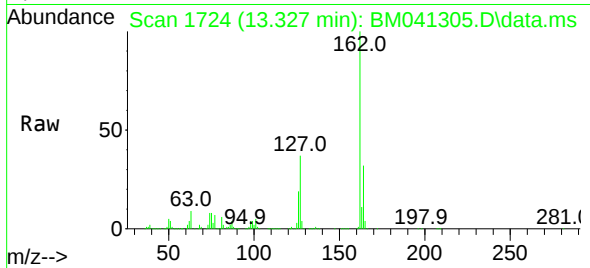
Tgt Ion:154 Resp: 995978  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.5 60.5  
76 13.7 0.0 34.1





#47  
2-Chloronaphthalene  
Concen: 53.593 ng  
RT: 13.327 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

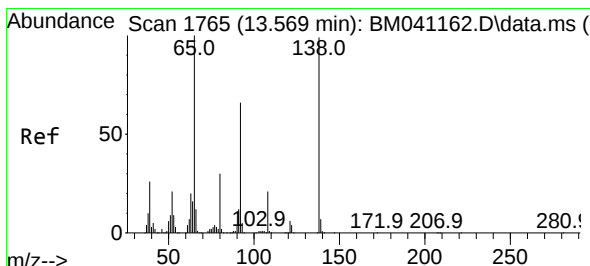
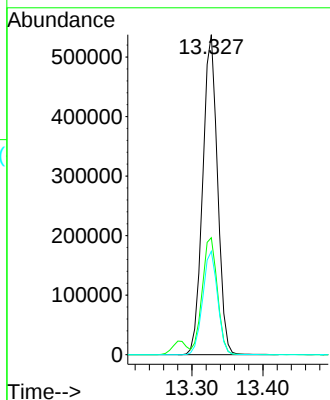
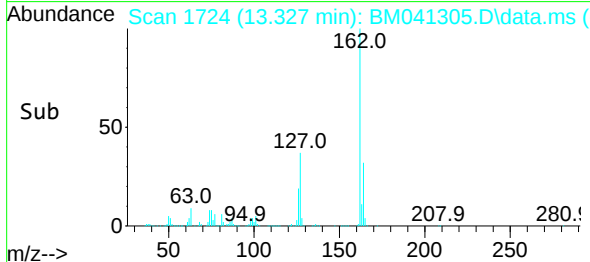
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



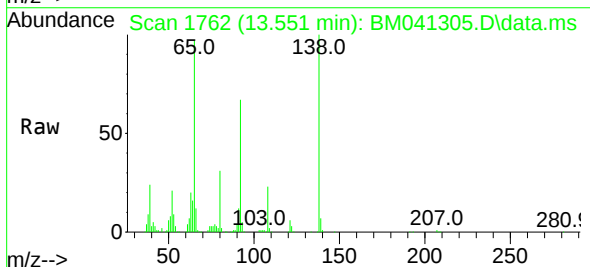
Tgt Ion:162 Resp: 780460  
Ion Ratio Lower Upper  
162 100  
127 36.6 30.6 45.8  
164 32.3 25.6 38.4

Manual Integrations  
APPROVED

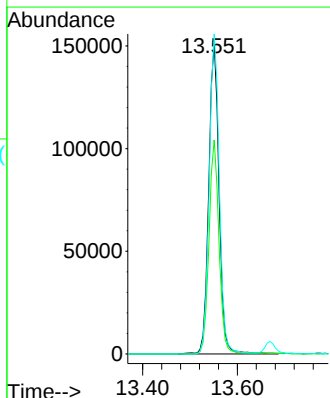
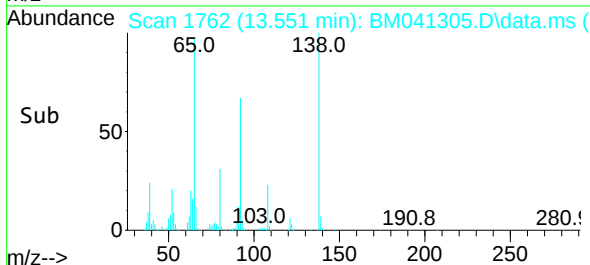
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

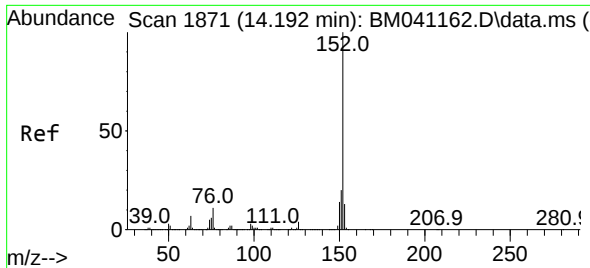


#48  
2-Nitroaniline  
Concen: 49.350 ng  
RT: 13.551 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



Tgt Ion: 65 Resp: 229402  
Ion Ratio Lower Upper  
65 100  
92 69.0 53.0 79.4  
138 103.2 79.1 118.7





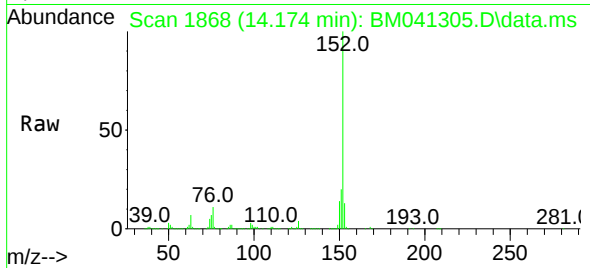
#49  
Acenaphthylene  
Concen: 51.601 ng  
RT: 14.174 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS



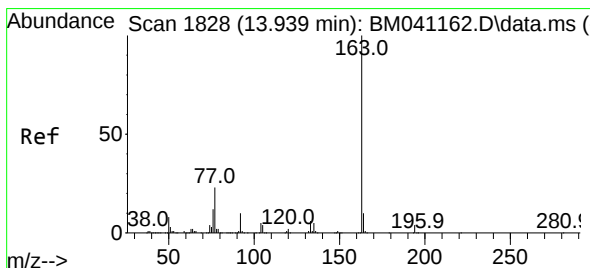
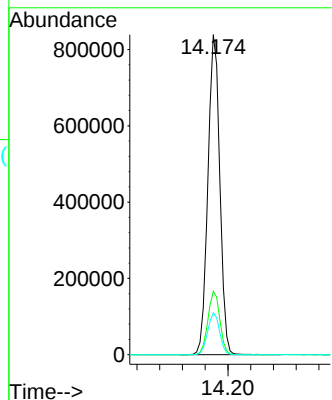
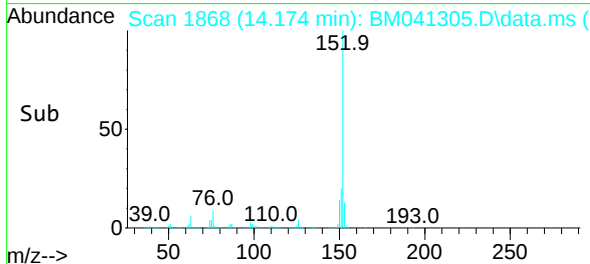
Tgt Ion:152 Resp: 1212920  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.1 24.1  
153 13.1 10.5 15.7

Manual Integrations

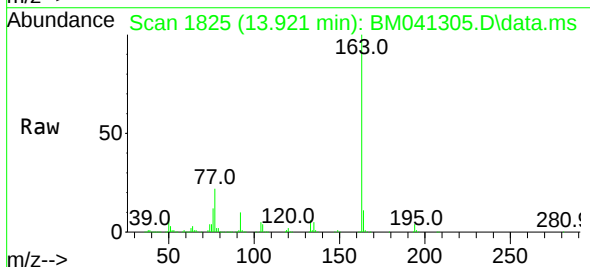
APPROVED

Reviewed By :Yogesh Patel 08/08/2023

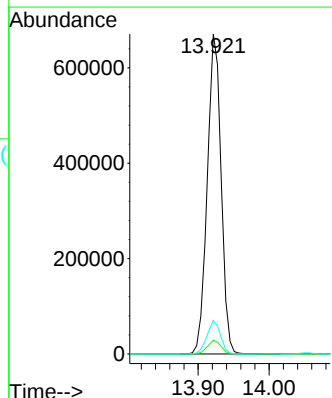
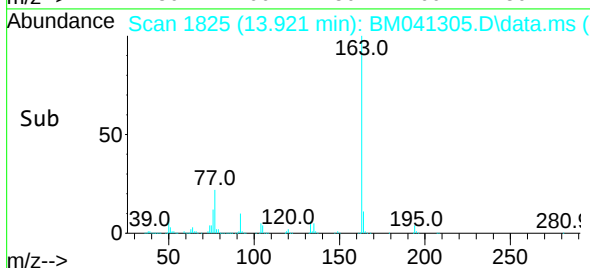
Supervised By :mohammad ahmed 08/08/2023

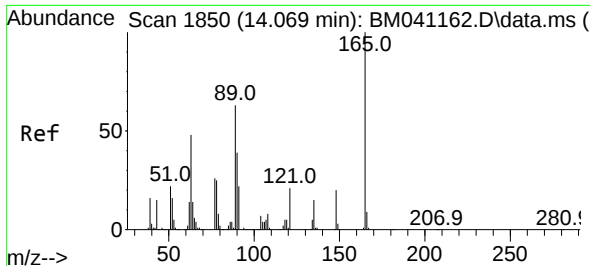


#50  
Dimethylphthalate  
Concen: 50.256 ng  
RT: 13.921 min Scan# 1825  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



Tgt Ion:163 Resp: 909482  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.5 8.3 12.5





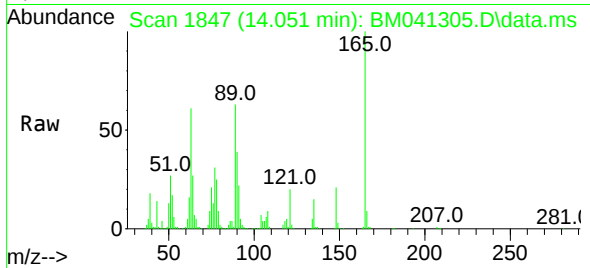
#51  
2,6-Dinitrotoluene  
Concen: 52.838 ng  
RT: 14.051 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

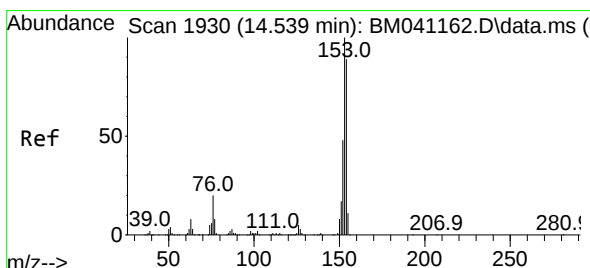
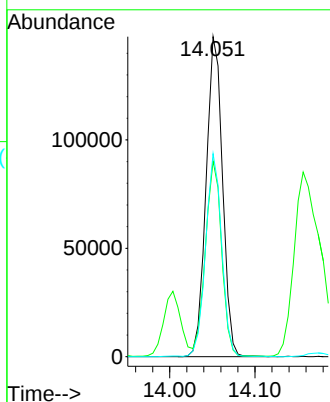
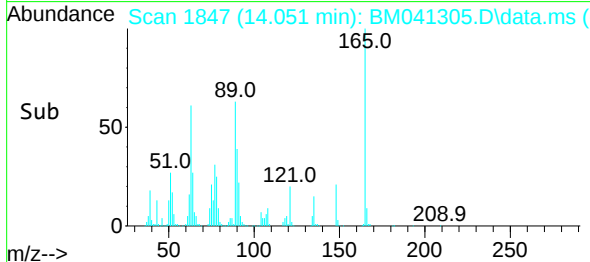


Tgt Ion:165 Resp: 198129  
Ion Ratio Lower Upper  
165 100  
63 61.2 50.9 76.3  
89 63.5 50.6 76.0

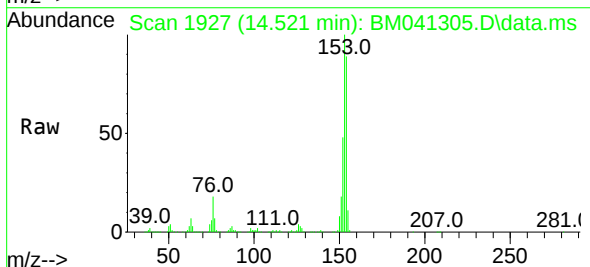
Manual Integrations

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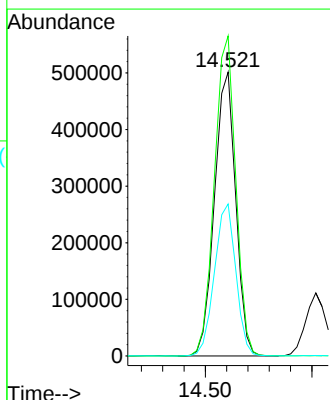
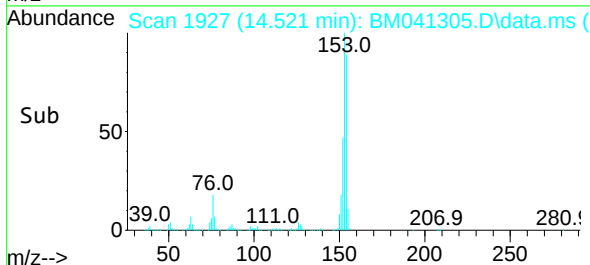
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

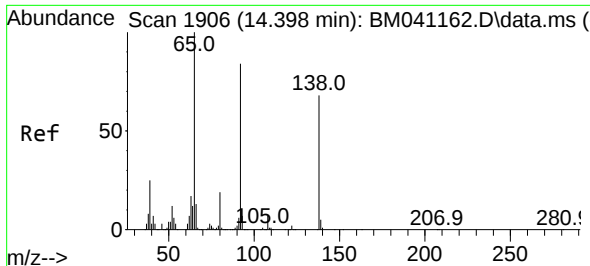


#52  
Acenaphthene  
Concen: 48.968 ng  
RT: 14.521 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



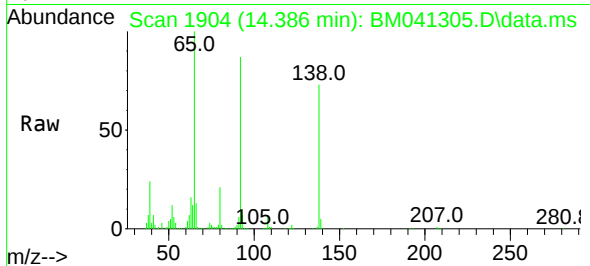
Tgt Ion:154 Resp: 693405  
Ion Ratio Lower Upper  
154 100  
153 112.7 90.2 135.4  
152 53.6 43.4 65.0





#53  
3-Nitroaniline  
Concen: 38.050 ng  
RT: 14.386 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

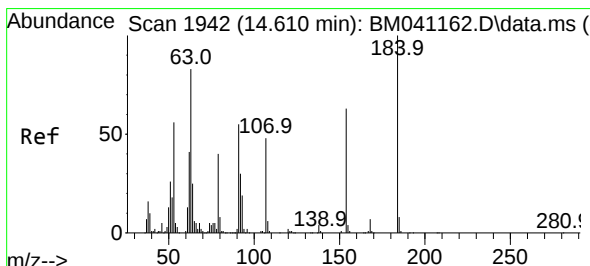
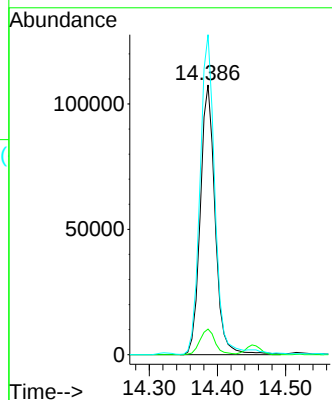
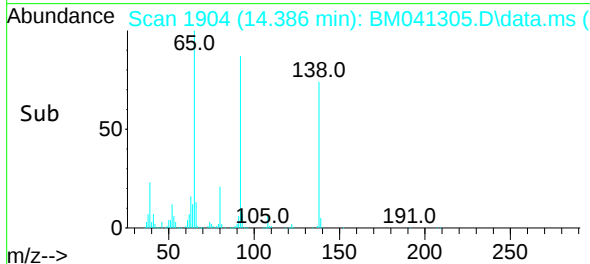
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



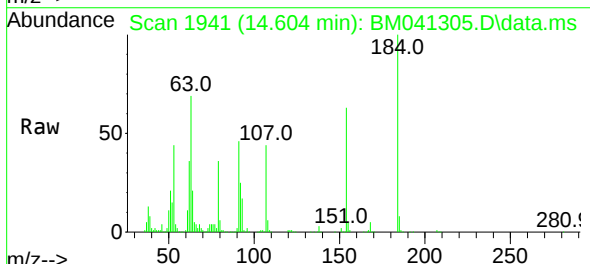
Tgt Ion:138 Resp: 16265  
Ion Ratio Lower Upper  
138 100  
108 9.5 7.6 11.4  
92 118.6 98.9 148.3

Manual Integrations  
APPROVED

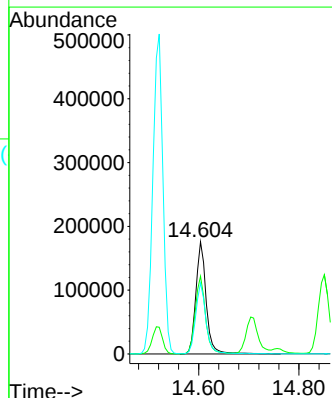
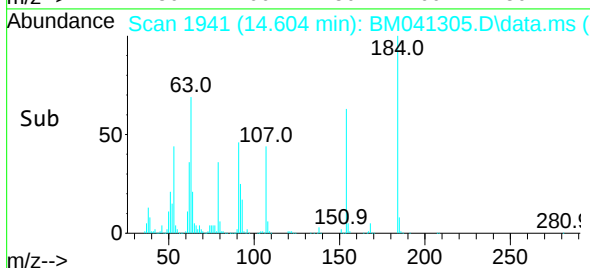
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

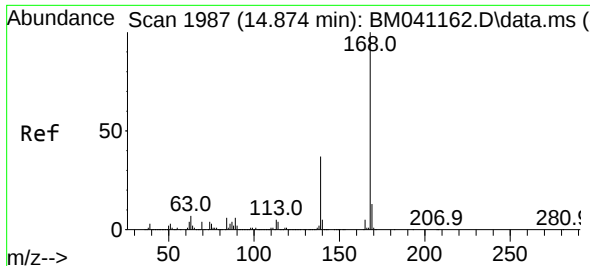


#54  
2,4-Dinitrophenol  
Concen: 98.054 ng  
RT: 14.604 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



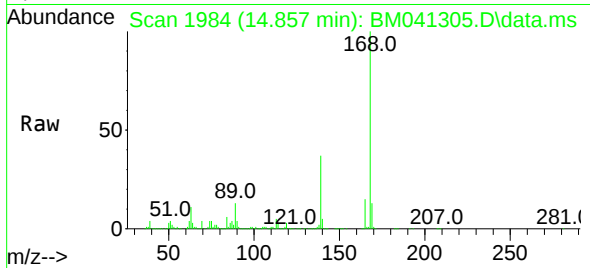
Tgt Ion:184 Resp: 251887  
Ion Ratio Lower Upper  
184 100  
63 69.3 66.5 99.7  
154 63.4 52.8 79.2





#55  
Dibenzenofuran  
Concen: 48.707 ng  
RT: 14.857 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

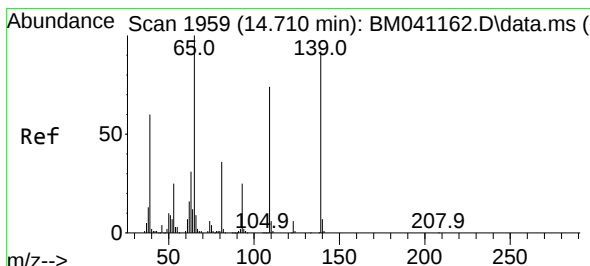
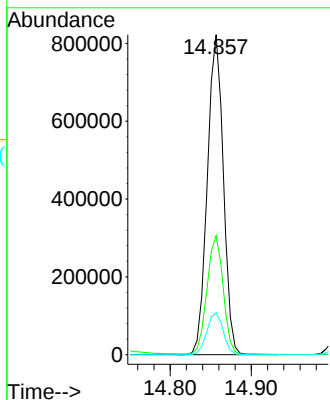
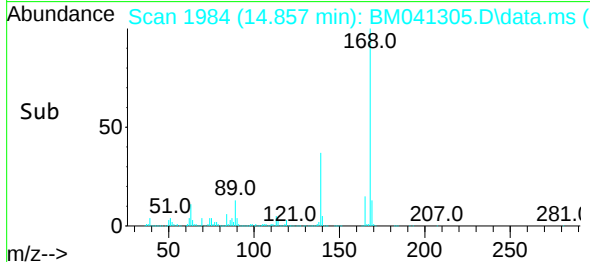
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



Tgt Ion:168 Resp: 112531  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.8 44.6  
169 13.1 10.5 15.7

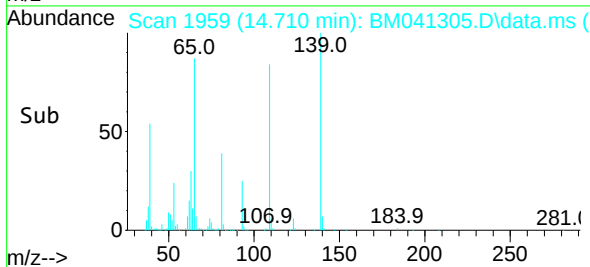
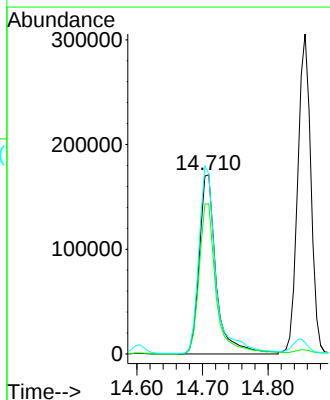
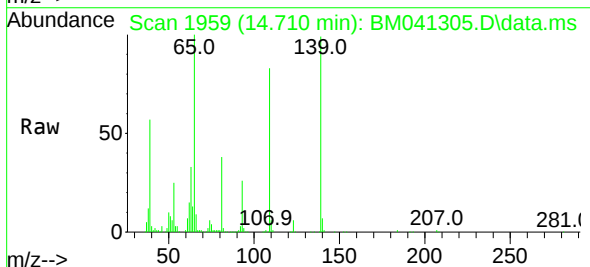
Manual Integrations  
APPROVED

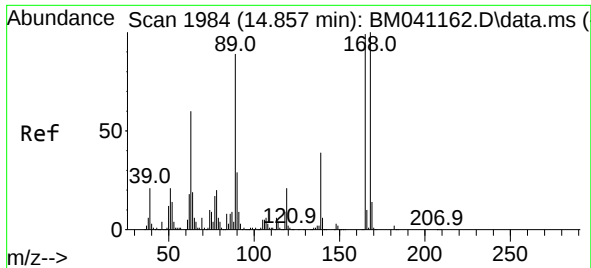
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#56  
4-Nitrophenol  
Concen: 98.274 ng  
RT: 14.710 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

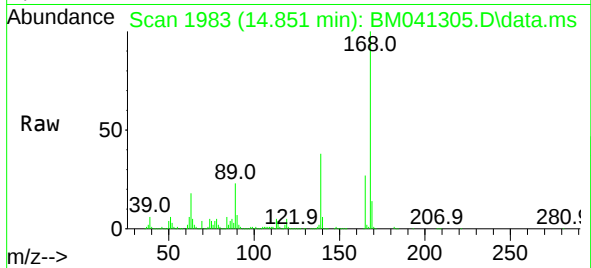
Tgt Ion:139 Resp: 307116  
Ion Ratio Lower Upper  
139 100  
109 83.9 61.2 101.2  
65 100.8 89.5 129.5





#57  
2,4-Dinitrotoluene  
Concen: 48.979 ng  
RT: 14.851 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

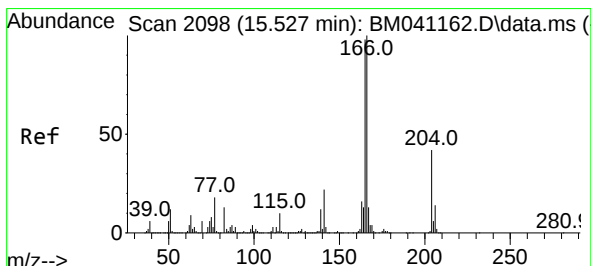
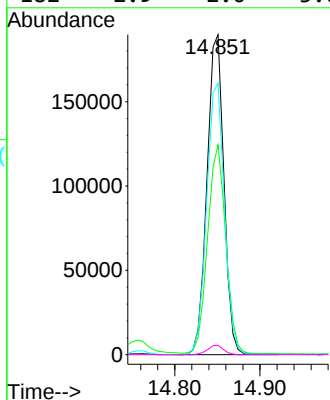
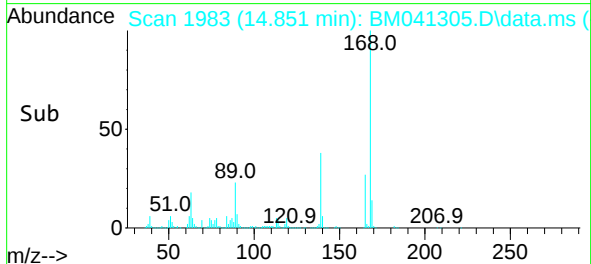
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



Tgt Ion:165 Resp: 26258  
Ion Ratio Lower Upper  
165 100  
63 65.5 48.3 72.5  
89 84.9 71.8 107.8  
182 2.9 2.0 3.0

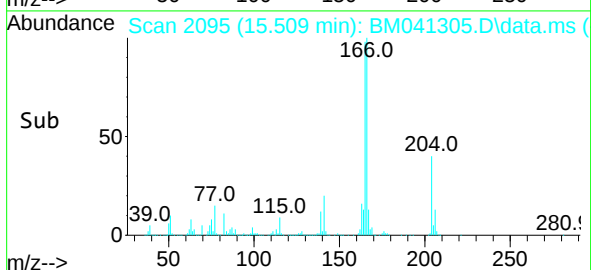
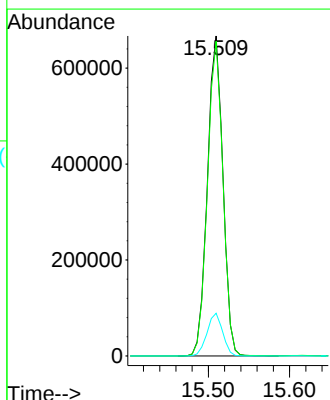
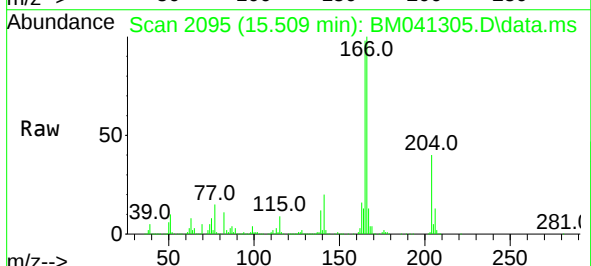
Manual Integrations  
APPROVED

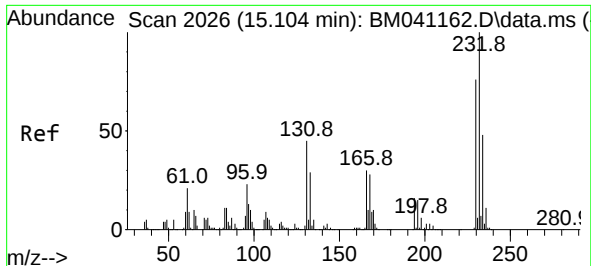
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#58  
Fluorene  
Concen: 48.568 ng  
RT: 15.509 min Scan# 2095  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

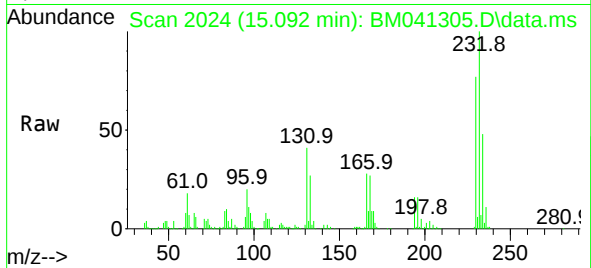
Tgt Ion:166 Resp: 885204  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.2 117.4  
167 13.4 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.492 ng  
RT: 15.092 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

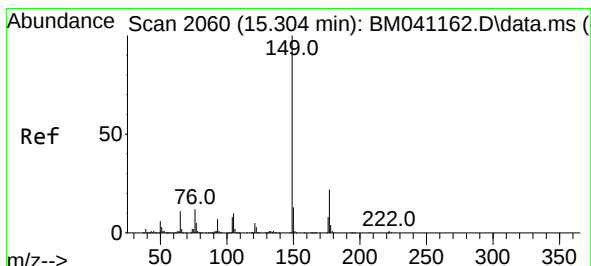
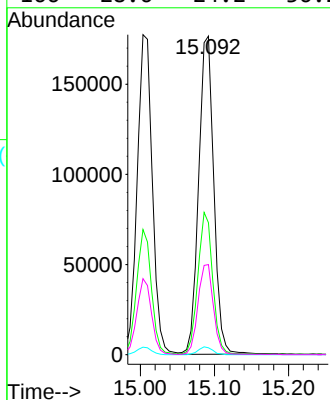
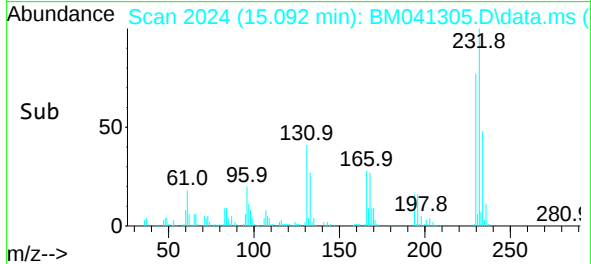
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



Tgt Ion:232 Resp: 251030  
Ion Ratio Lower Upper  
232 100  
131 43.7 36.9 55.3  
130 2.3 2.0 3.0  
166 28.6 24.2 36.2

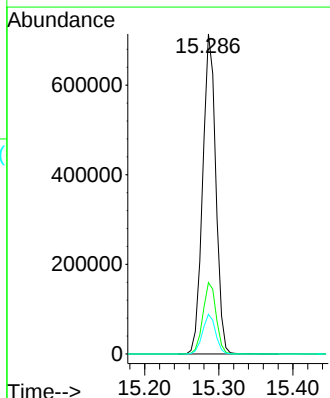
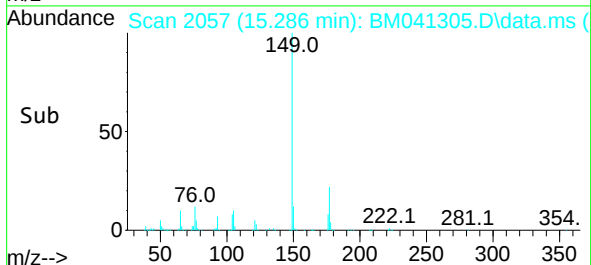
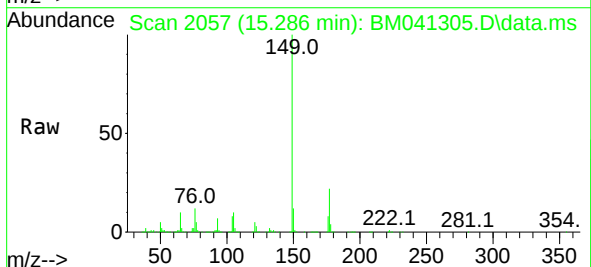
Manual Integrations  
APPROVED

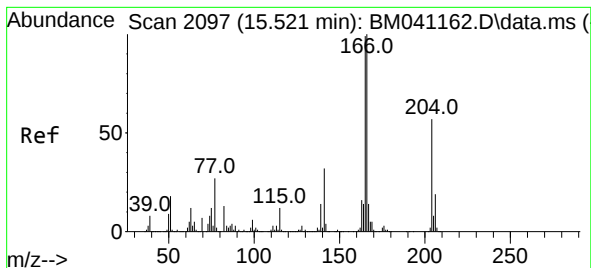
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#60  
Diethylphthalate  
Concen: 50.382 ng  
RT: 15.286 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Tgt Ion:149 Resp: 881730  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.5 26.3  
150 12.4 10.1 15.1





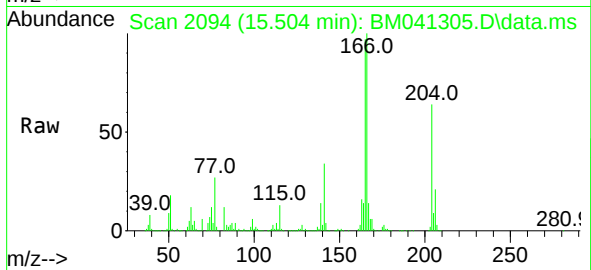
#61  
4-Chlorophenyl-phenylether  
Concen: 51.380 ng  
RT: 15.504 min Scan# 2094  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

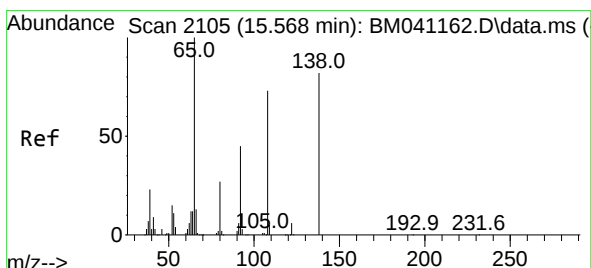
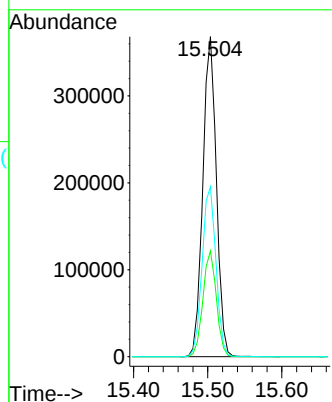
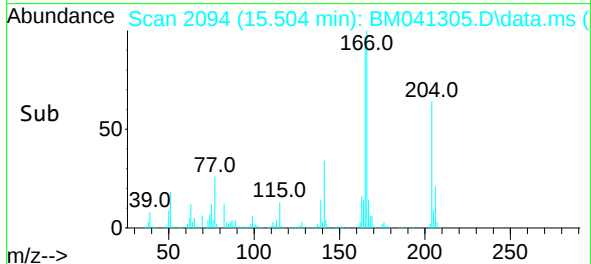


Tgt Ion:204 Resp: 46926  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.5 39.7  
141 53.1 44.8 67.2

Manual Integrations

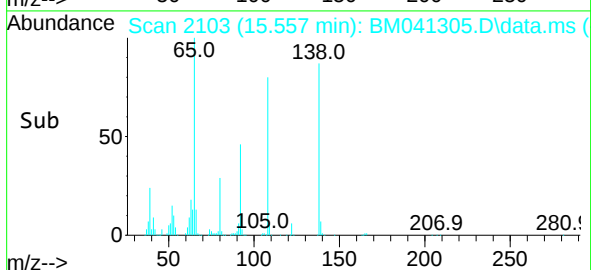
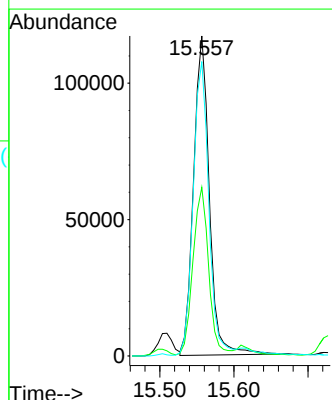
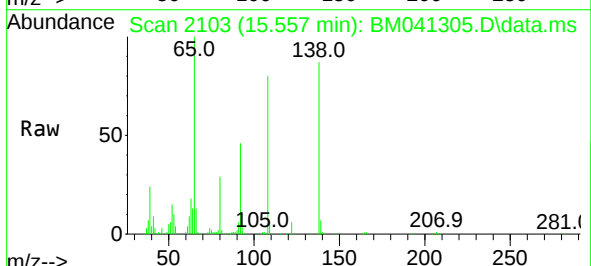
APPROVED

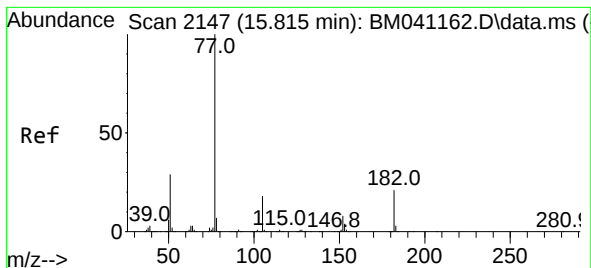
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#62  
4-Nitroaniline  
Concen: 43.792 ng  
RT: 15.557 min Scan# 2103  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

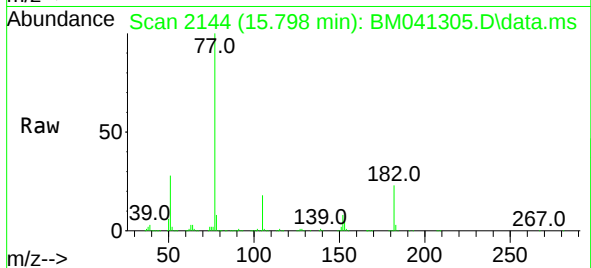
Tgt Ion:138 Resp: 173545  
Ion Ratio Lower Upper  
138 100  
92 52.7 35.1 75.1  
108 92.0 67.8 107.8





#63  
Azobenzene  
Concen: 47.113 ng  
RT: 15.798 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

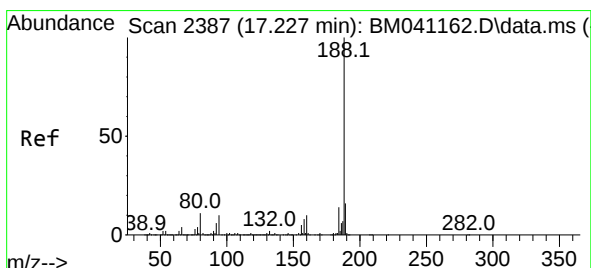
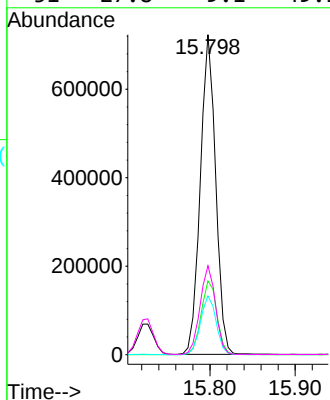
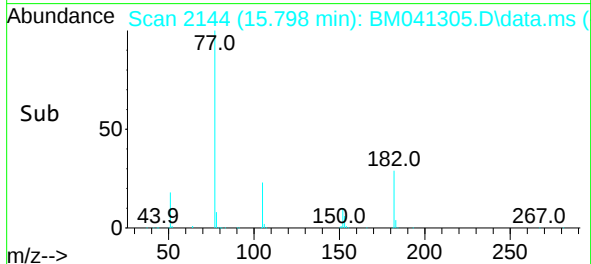
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



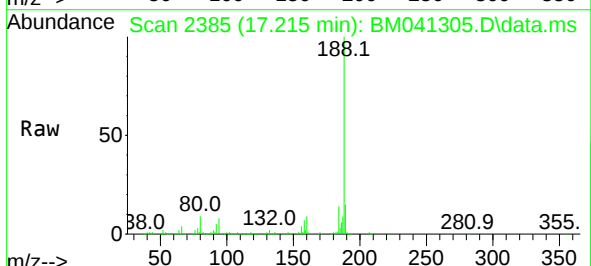
Tgt Ion: 77 Resp: 903162  
Ion Ratio Lower Upper  
77 100  
182 23.0 1.3 41.3  
105 18.4 0.0 38.5  
51 27.8 9.1 49.1

Manual Integrations  
APPROVED

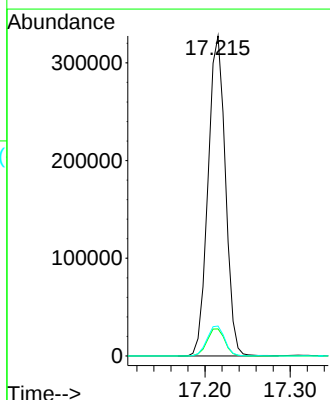
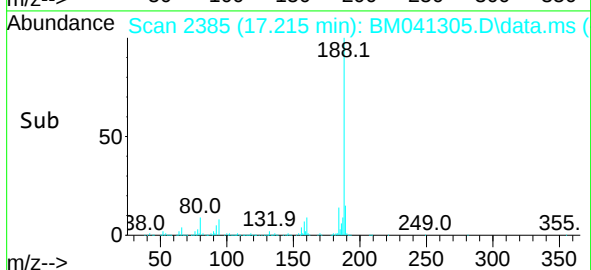
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

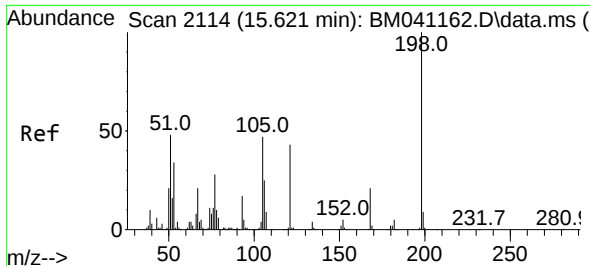


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.215 min Scan# 2385  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



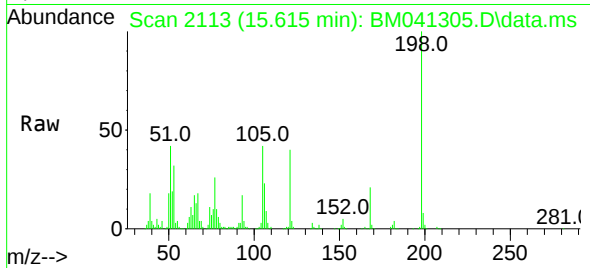
Tgt Ion:188 Resp: 463541  
Ion Ratio Lower Upper  
188 100  
94 8.5 8.2 12.2  
80 9.4 8.6 13.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.479 ng  
RT: 15.615 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

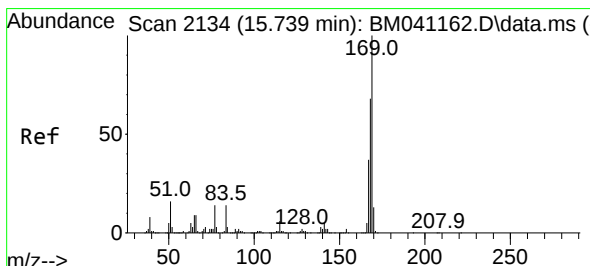
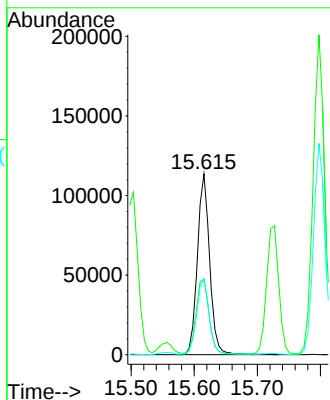
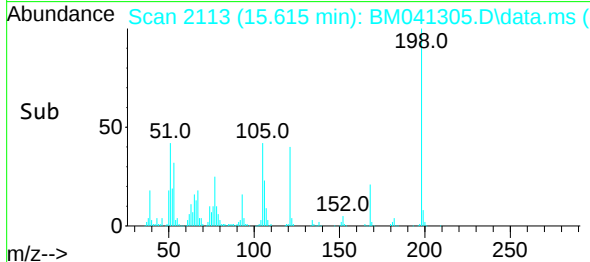
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



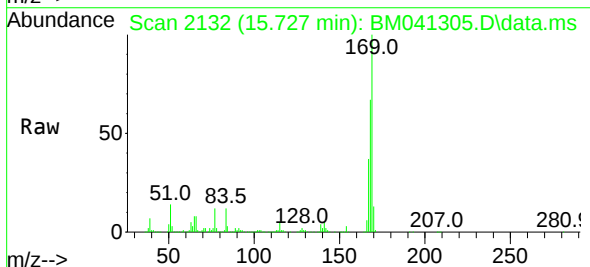
Tgt Ion:198 Resp: 152981  
Ion Ratio Lower Upper  
198 100  
51 41.9 31.7 71.7  
105 42.1 27.8 67.8

Manual Integrations  
APPROVED

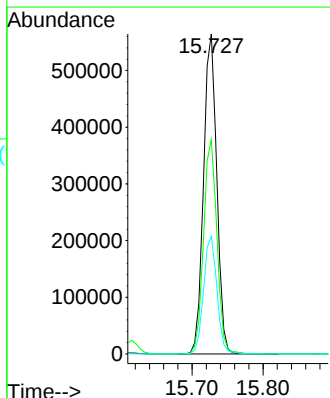
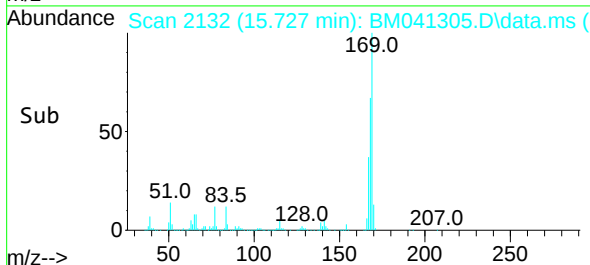
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

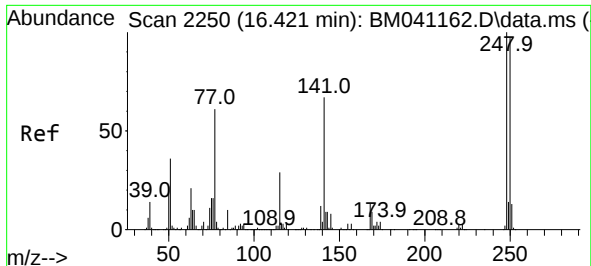


#66  
n-Nitrosodiphenylamine  
Concen: 50.881 ng  
RT: 15.727 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



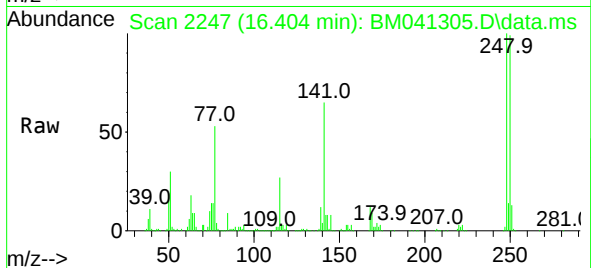
Tgt Ion:169 Resp: 733530  
Ion Ratio Lower Upper  
169 100  
168 67.1 54.6 81.8  
167 36.8 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 54.945 ng  
RT: 16.404 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

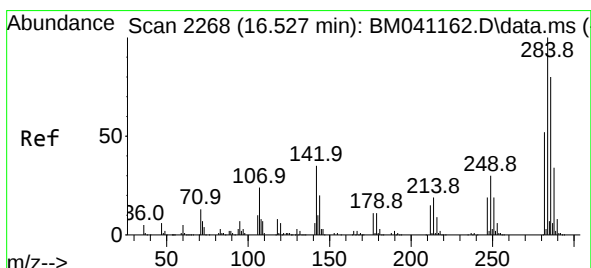
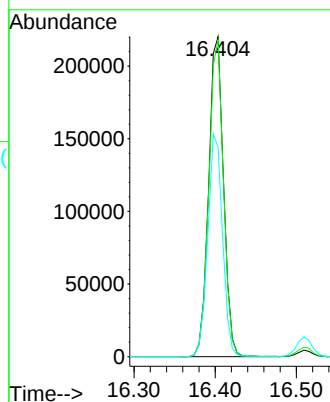
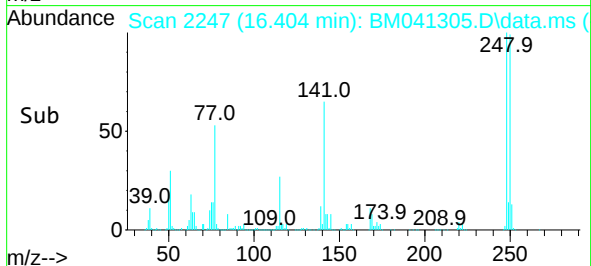
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



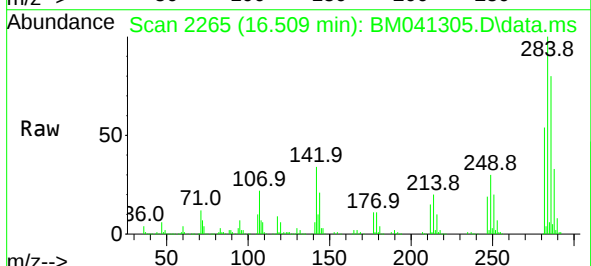
Tgt Ion:248 Resp: 27925  
Ion Ratio Lower Upper  
248 100  
250 99.0 78.0 117.0  
141 65.3 53.8 80.8

Manual Integrations  
APPROVED

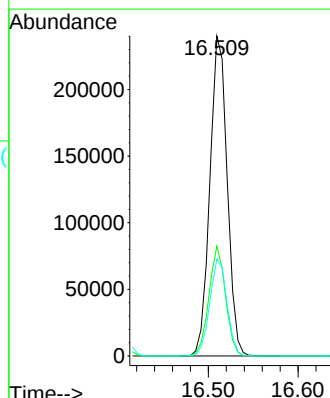
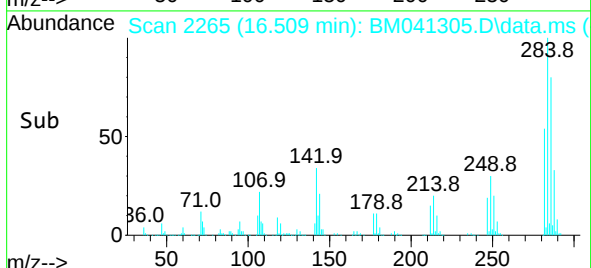
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

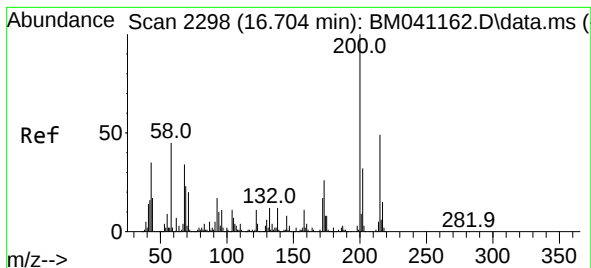


#68  
Hexachlorobenzene  
Concen: 56.922 ng  
RT: 16.509 min Scan# 2265  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



Tgt Ion:284 Resp: 321690  
Ion Ratio Lower Upper  
284 100  
142 34.4 28.0 42.0  
249 30.3 23.7 35.5





#69

Atrazine

Concen: 68.522 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

Tgt Ion:200 Resp: 259424

Ion Ratio Lower Upper

200 100

173 24.7 5.6 45.6

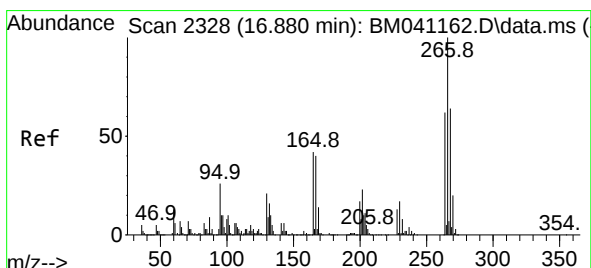
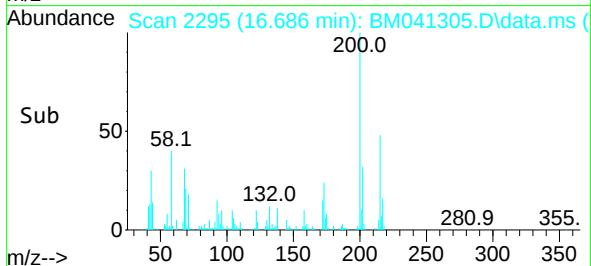
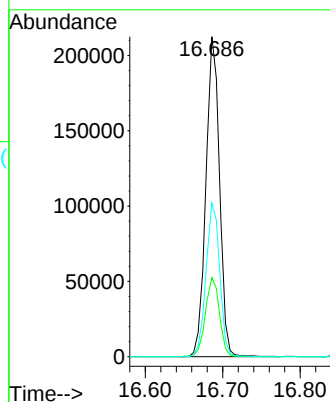
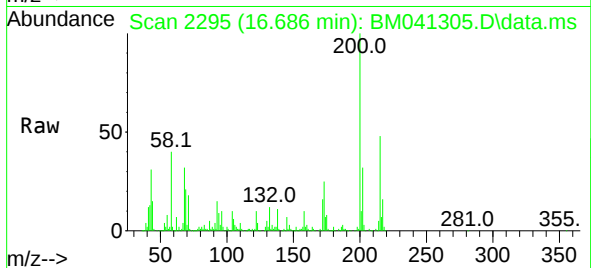
215 48.0 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#70

Pentachlorophenol

Concen: 91.920 ng

RT: 16.868 min Scan# 2326

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

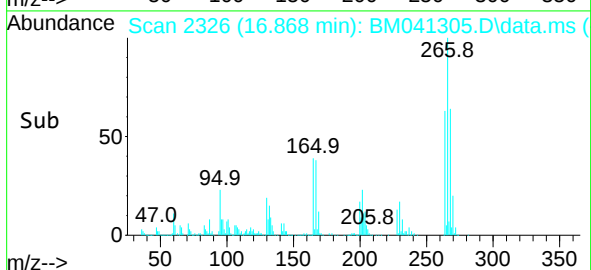
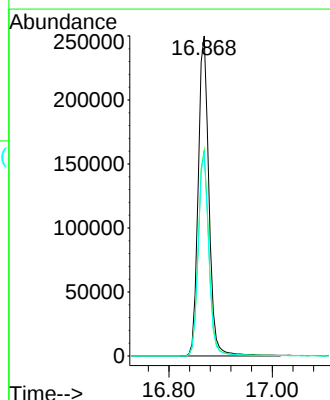
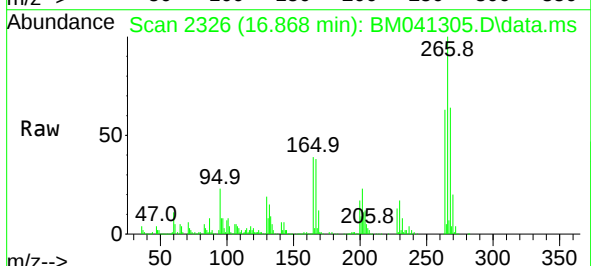
Tgt Ion:266 Resp: 359713

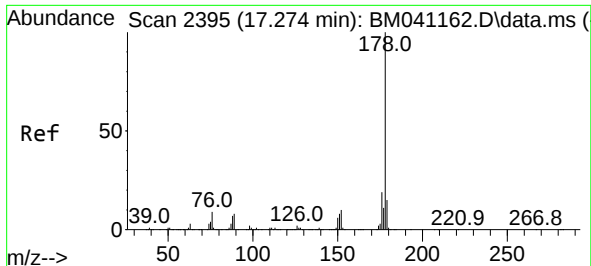
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

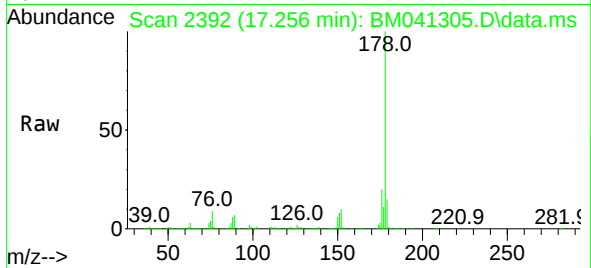
264 63.3 49.4 74.2





#71  
Phenanthrene  
Concen: 49.568 ng  
RT: 17.256 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

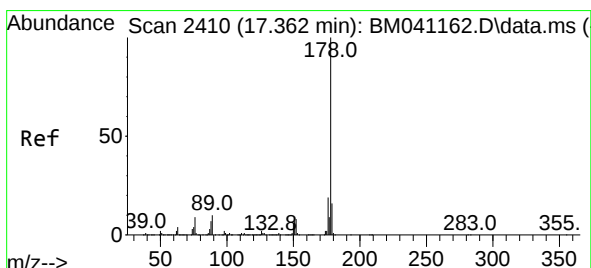
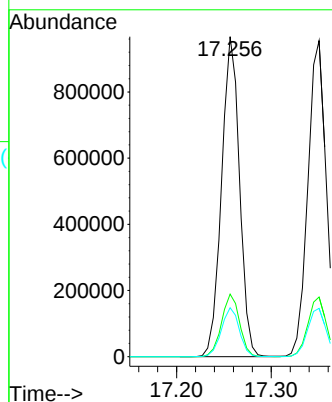
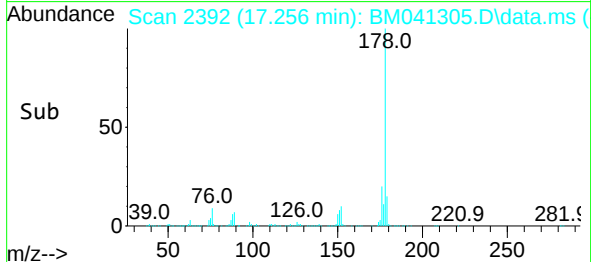
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



Tgt Ion:178 Resp: 1276599  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.3 12.1 18.1

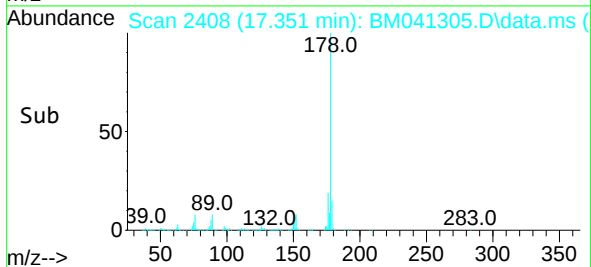
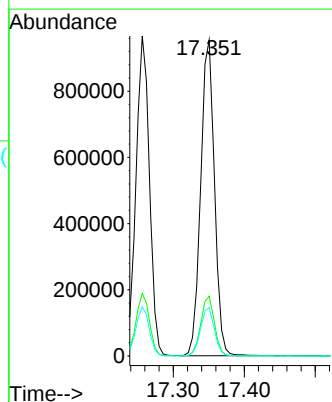
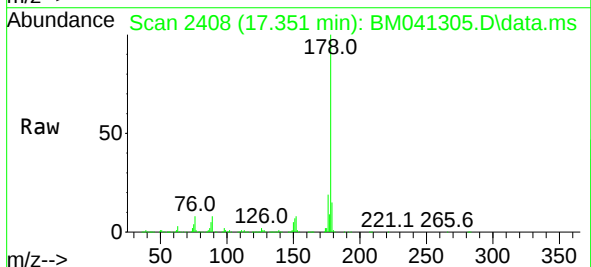
Manual Integrations  
APPROVED

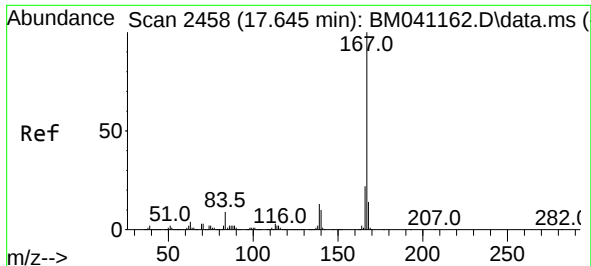
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#72  
Anthracene  
Concen: 50.702 ng  
RT: 17.351 min Scan# 2408  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

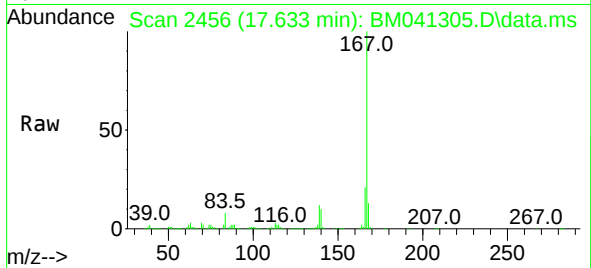
Tgt Ion:178 Resp: 1291481  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.2 22.8  
179 15.3 12.4 18.6





#73  
 Carbazole  
 Concen: 49.653 ng  
 RT: 17.633 min Scan# 2458  
 Delta R.T. -0.000 min  
 Lab File: BM041305.D  
 Acq: 07 Aug 2023 10:34

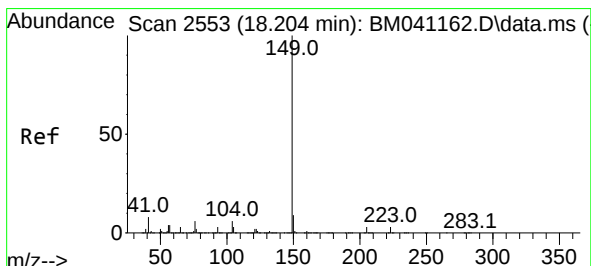
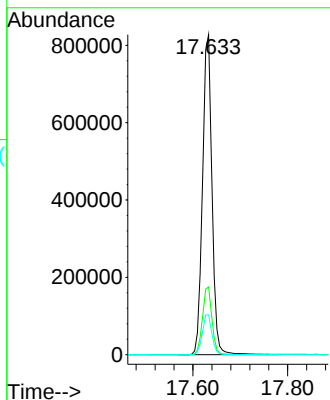
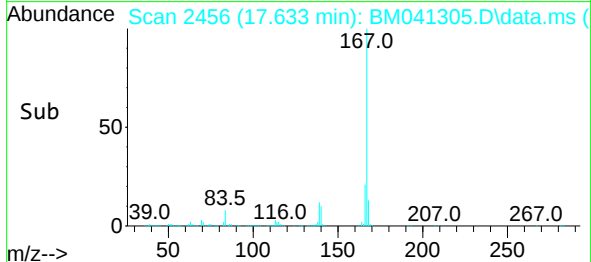
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB154530BS



Tgt Ion:167 Resp: 1144710  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.3 25.9  
 139 12.5 10.3 15.5

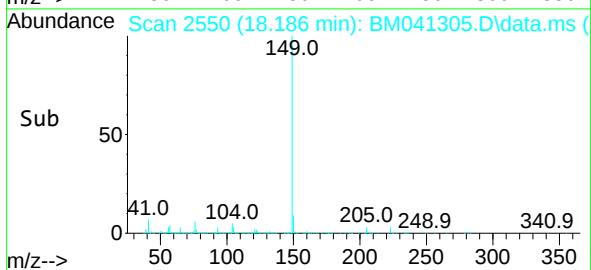
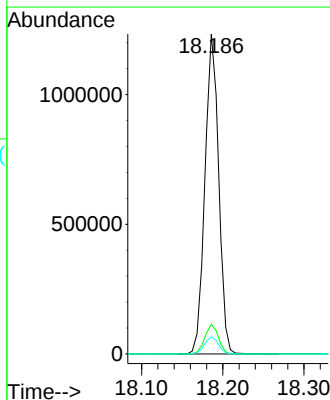
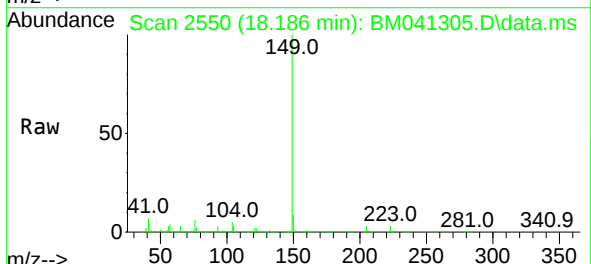
Manual Integrations  
 APPROVED

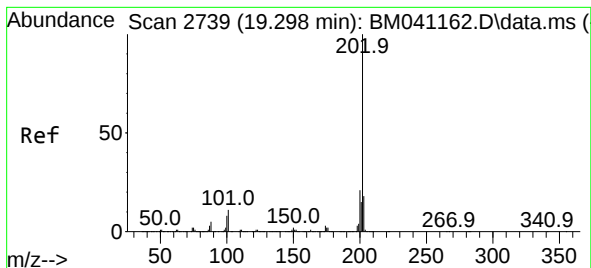
Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023



#74  
 Di-n-butylphthalate  
 Concen: 55.402 ng  
 RT: 18.186 min Scan# 2550  
 Delta R.T. -0.000 min  
 Lab File: BM041305.D  
 Acq: 07 Aug 2023 10:34

Tgt Ion:149 Resp: 1443317  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 49.443 ng

RT: 19.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

Tgt Ion:202 Resp: 143061

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.8

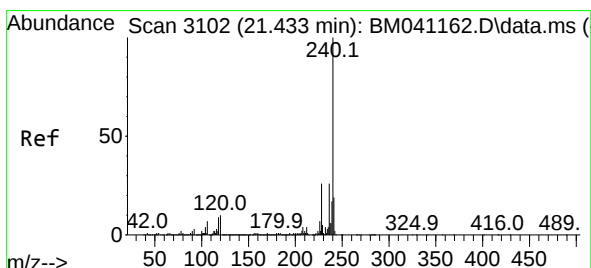
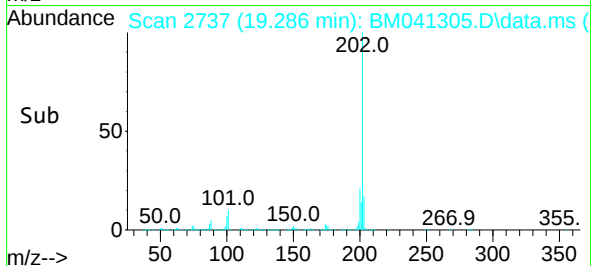
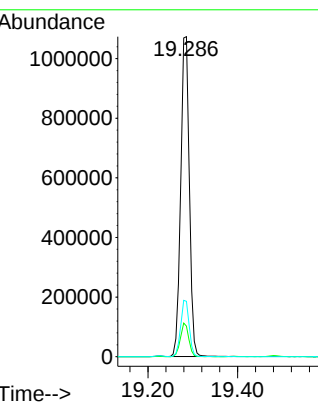
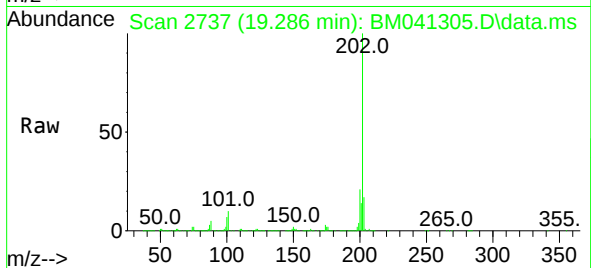
203 17.3 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

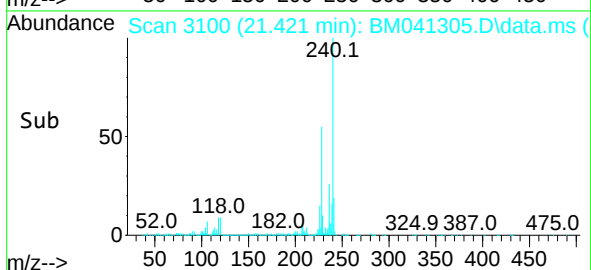
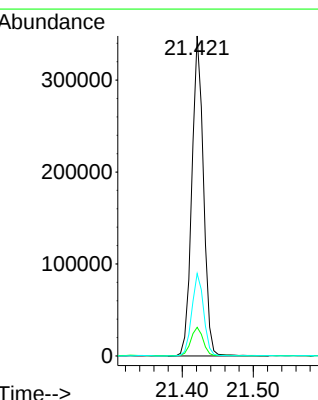
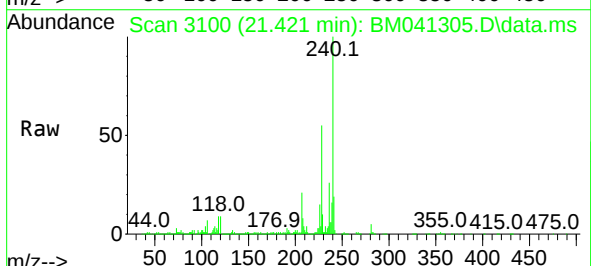
Tgt Ion:240 Resp: 397395

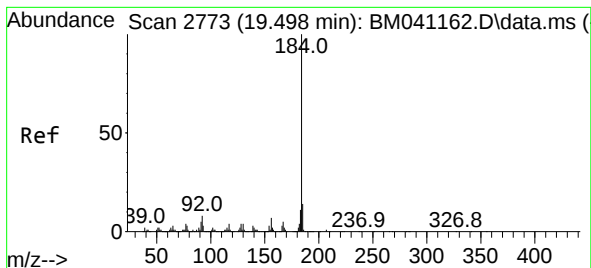
Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

236 25.8 20.6 30.8





#77

Benzidine

Concen: 140.168 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

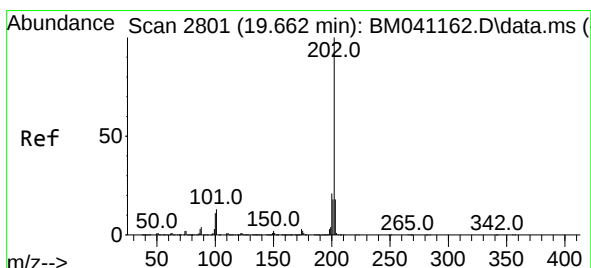
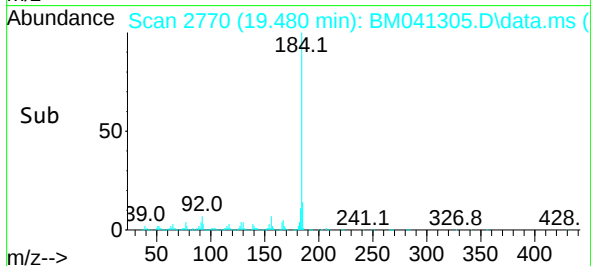
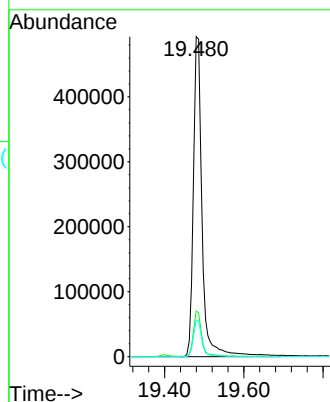
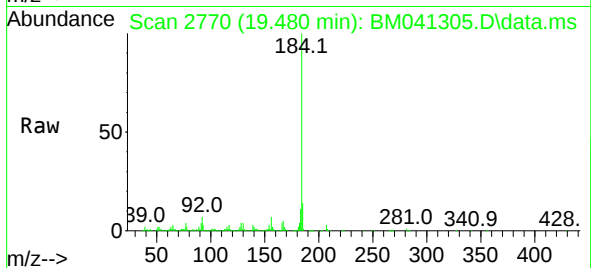
Tgt Ion:184 Resp: 759214  
 Ion Ratio Lower Upper  
 184 100  
 185 14.3 11.4 17.0  
 183 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#78

Pyrene

Concen: 52.970 ng

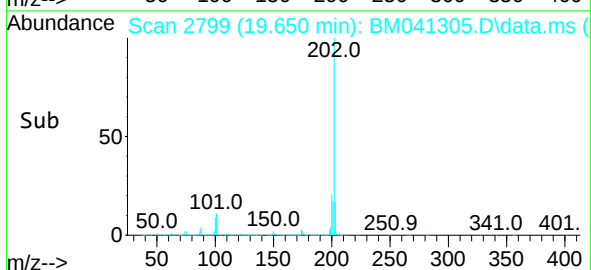
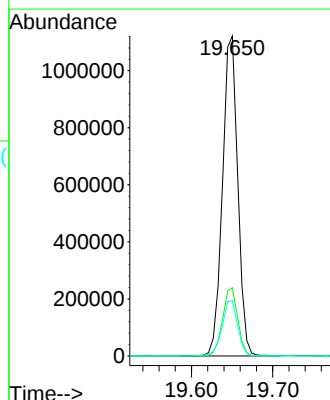
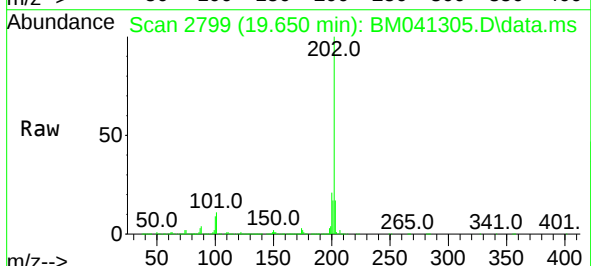
RT: 19.650 min Scan# 2799

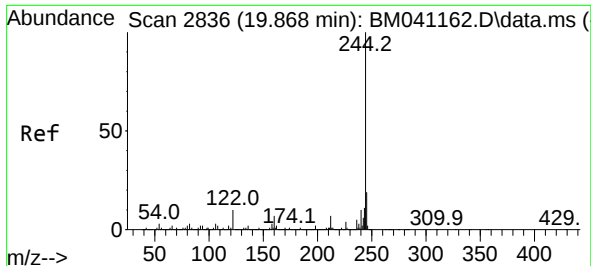
Delta R.T. 0.006 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Tgt Ion:202 Resp: 1472068  
 Ion Ratio Lower Upper  
 202 100  
 200 21.3 16.9 25.3  
 203 17.3 14.1 21.1





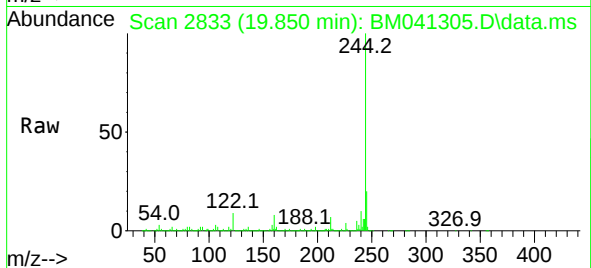
#79  
Terphenyl-d14  
Concen: 109.132 ng  
RT: 19.850 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS



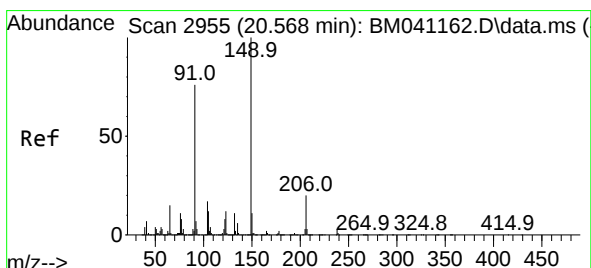
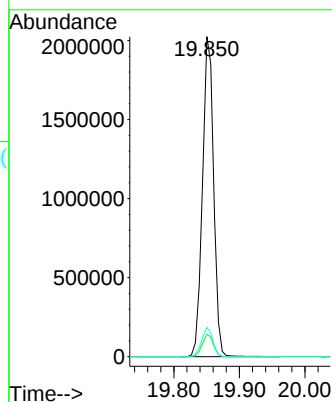
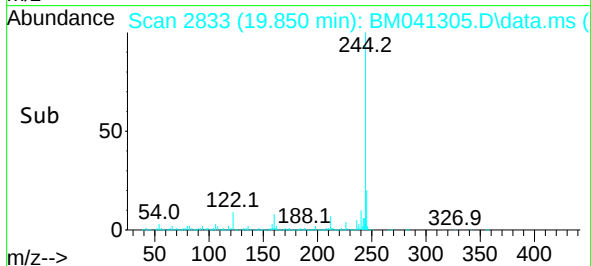
Tgt Ion:244 Resp: 2398639  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.4 8.2  
122 9.1 7.8 11.6

Manual Integrations

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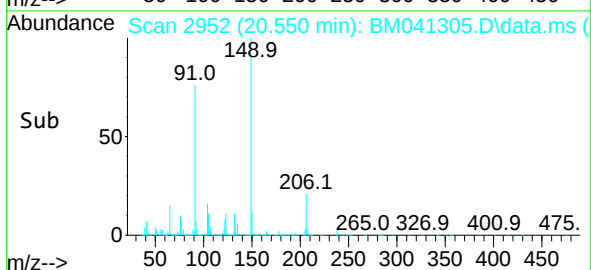
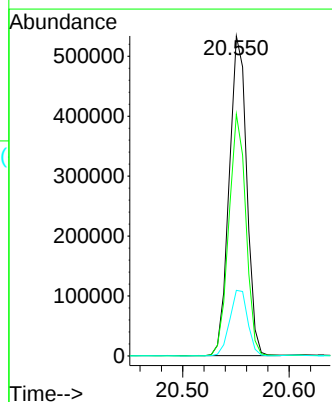
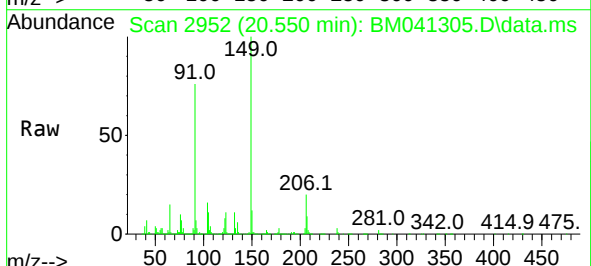
Reviewed By :Yogesh Patel 08/08/2023

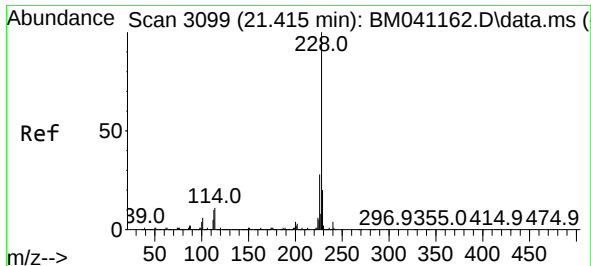
Supervised By :mohammad ahmed 08/08/2023



#80  
Butylbenzylphthalate  
Concen: 59.909 ng  
RT: 20.550 min Scan# 2952  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

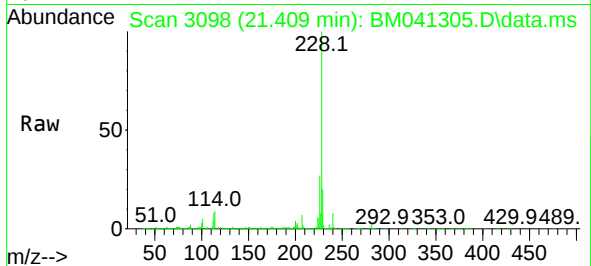
Tgt Ion:149 Resp: 607989  
Ion Ratio Lower Upper  
149 100  
91 75.5 60.8 91.2  
206 20.5 16.4 24.6





#81  
Benzo(a)anthracene  
Concen: 52.867 ng  
RT: 21.409 min Scan# 3099  
Delta R.T. 0.006 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

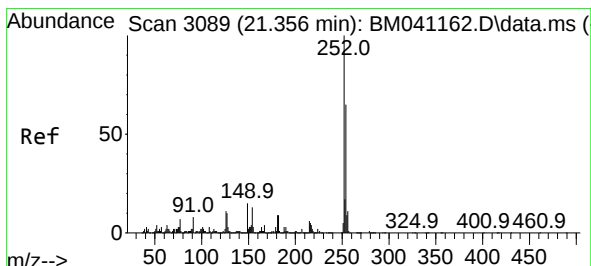
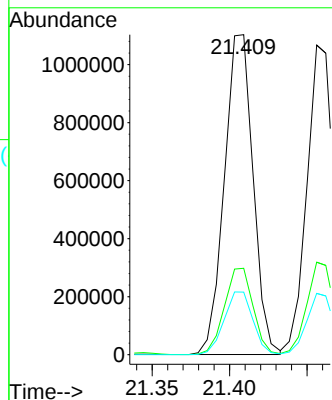
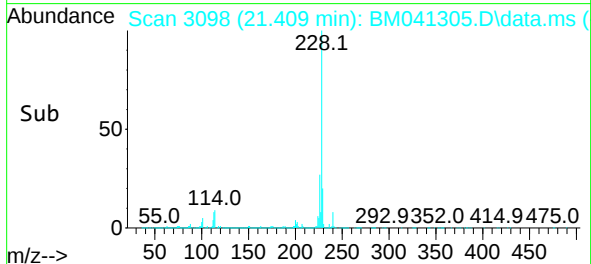
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



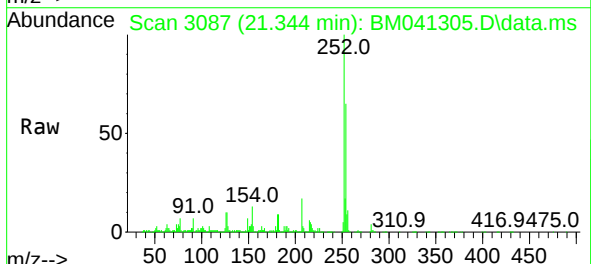
Tgt Ion:228 Resp: 142424  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.4 33.6  
229 19.6 15.8 23.8

Manual Integrations  
APPROVED

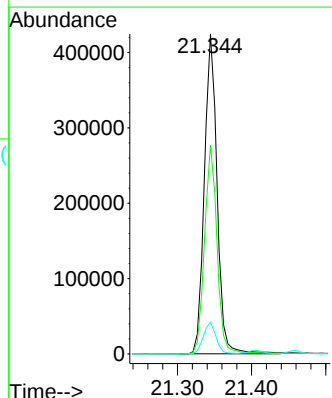
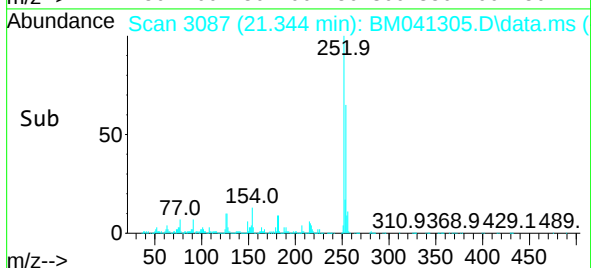
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

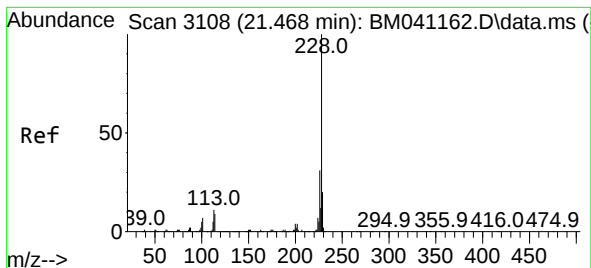


#82  
3,3'-Dichlorobenzidine  
Concen: 57.652 ng  
RT: 21.344 min Scan# 3087  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34



Tgt Ion:252 Resp: 506807  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.8 77.6  
126 9.9 8.6 13.0





#83

Chrysene

Concen: 49.881 ng

RT: 21.456 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

Tgt Ion:228 Resp: 129978

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

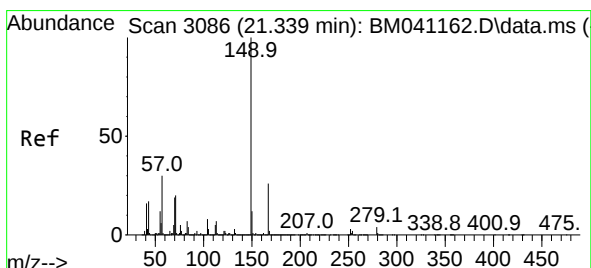
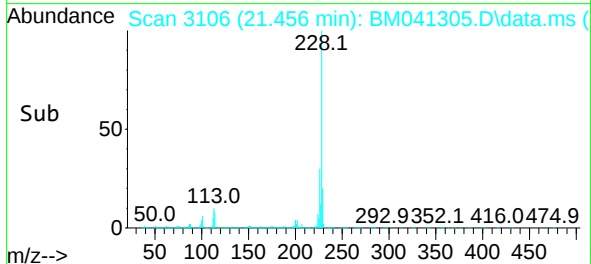
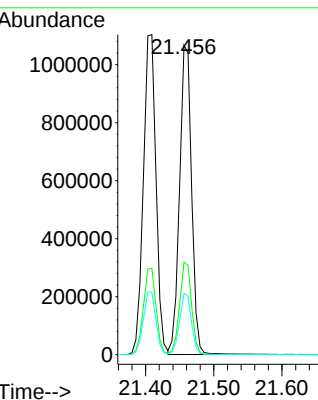
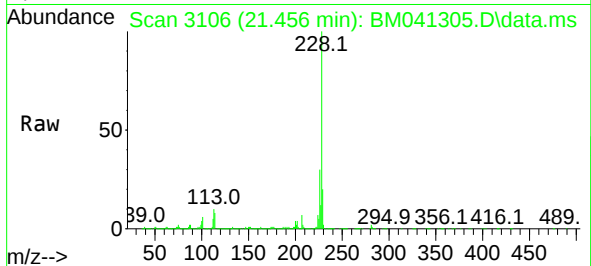
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.740 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

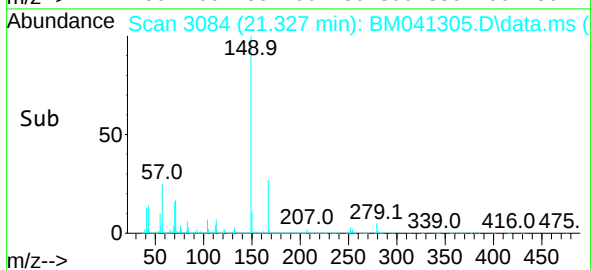
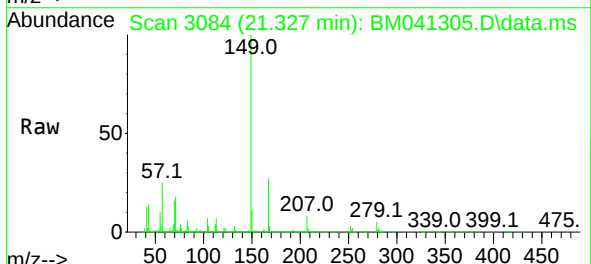
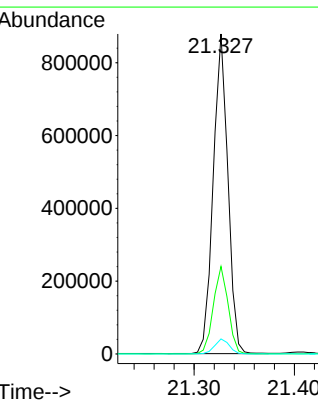
Tgt Ion:149 Resp: 888277

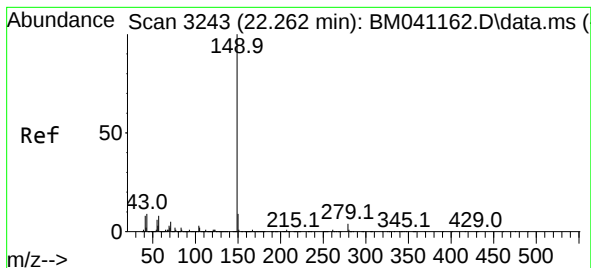
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 59.303 ng

RT: 22.244 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

Tgt Ion:149 Resp: 152104

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

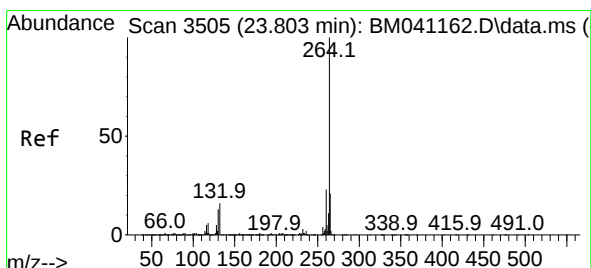
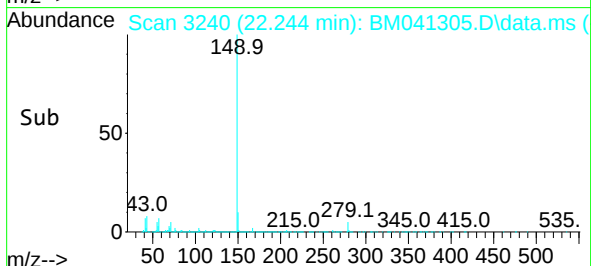
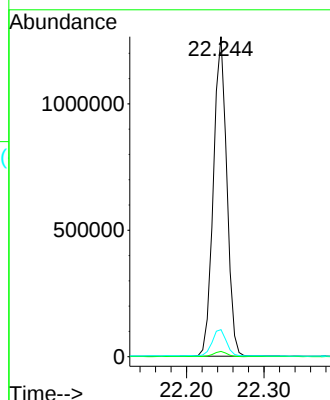
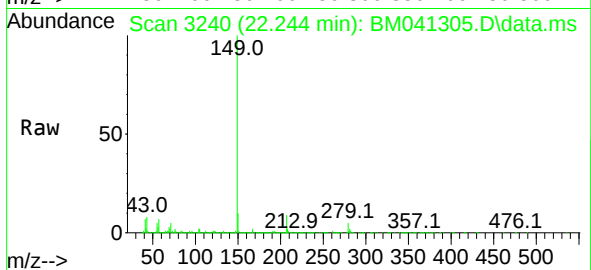
43 8.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3503

Delta R.T. 0.006 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

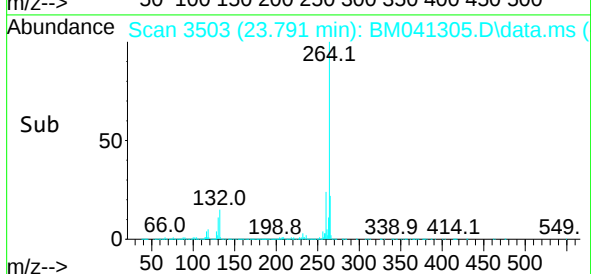
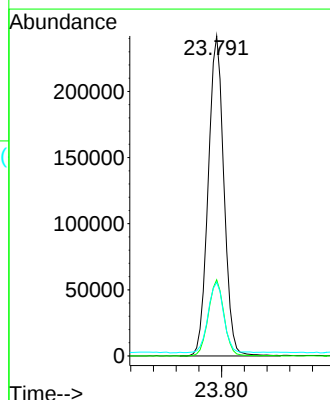
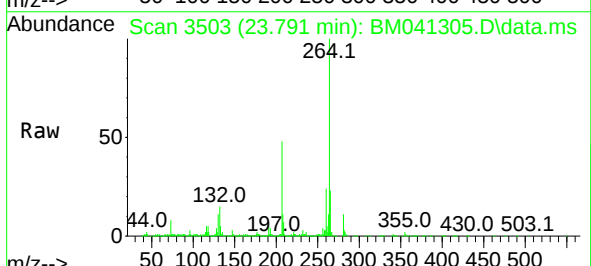
Tgt Ion:264 Resp: 462116

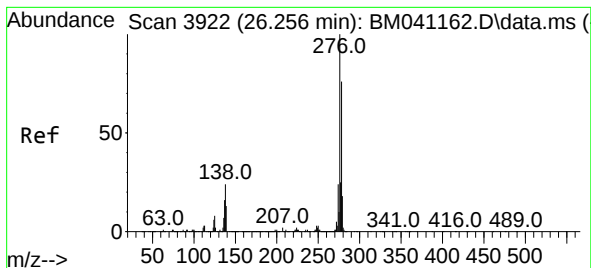
Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 23.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.029 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

Tgt Ion:276 Resp: 1869620

Ion Ratio Lower Upper

276 100

138 21.0 20.0 30.0

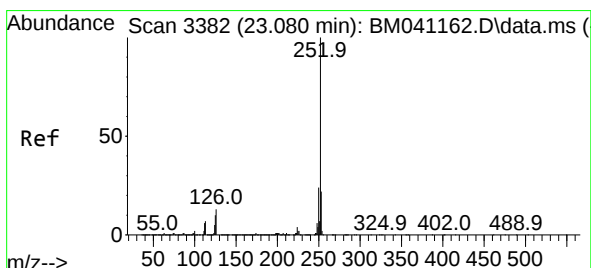
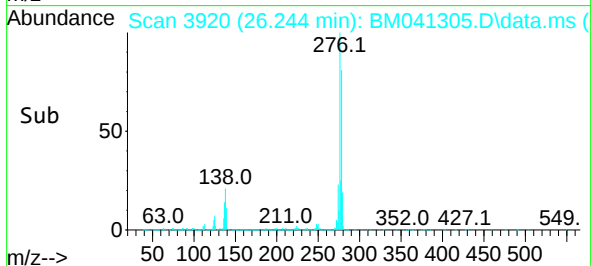
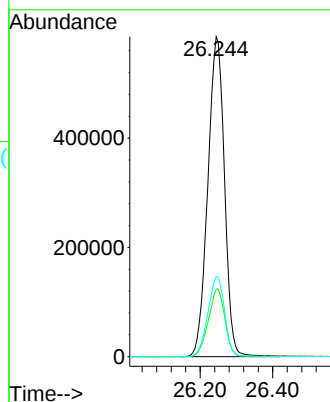
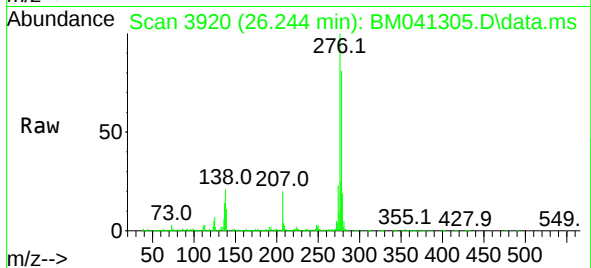
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#88

Benzo(b)fluoranthene

Concen: 53.881 ng

RT: 23.074 min Scan# 3381

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

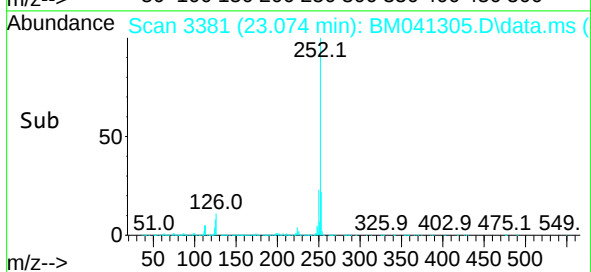
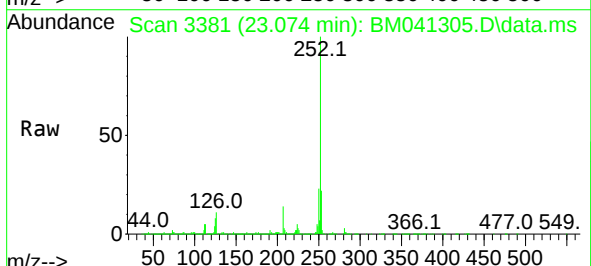
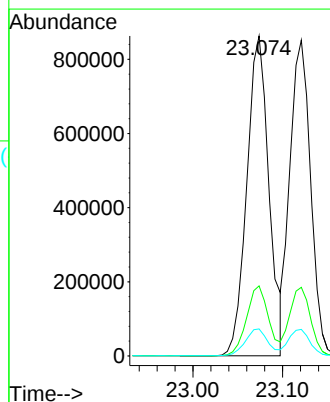
Tgt Ion:252 Resp: 1479168

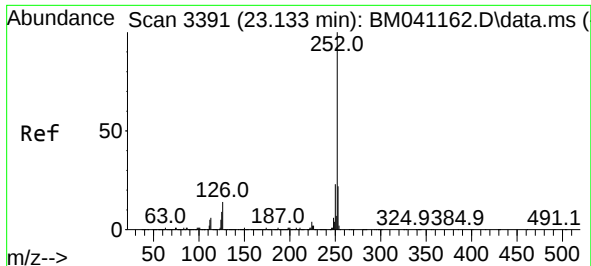
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

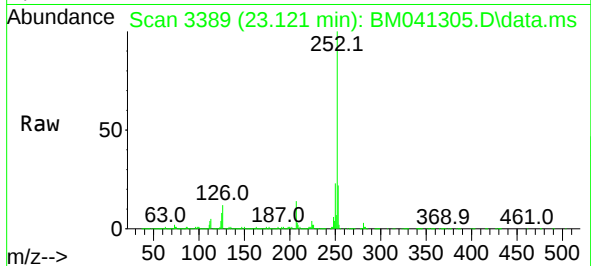
125 8.4 8.2 12.4





#89  
Benzo(k)fluoranthene  
Concen: 48.864 ng  
RT: 23.121 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

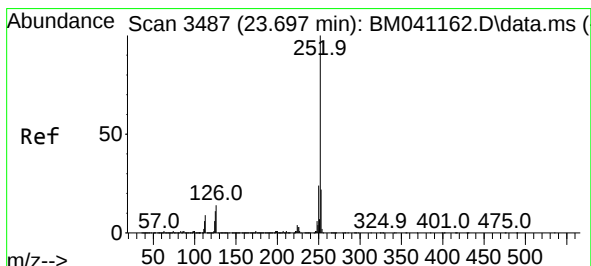
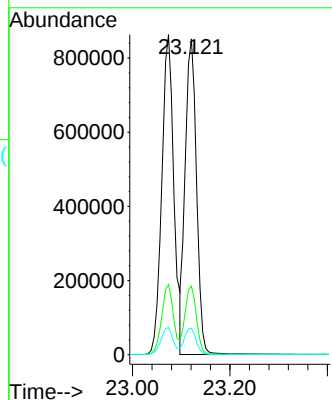
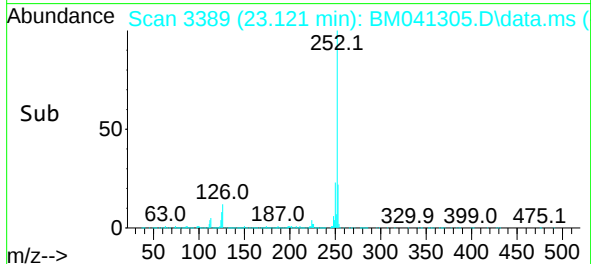
Instrument :  
BNA\_M  
ClientSampleId :  
PB154530BS



Tgt Ion:252 Resp: 1372160  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 8.4 7.6 11.4

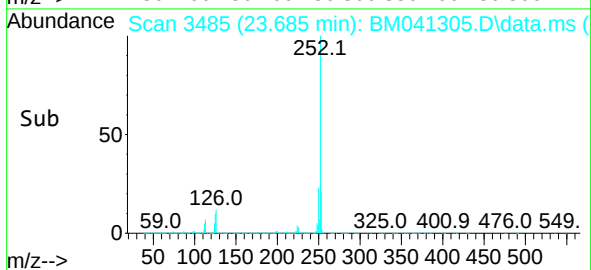
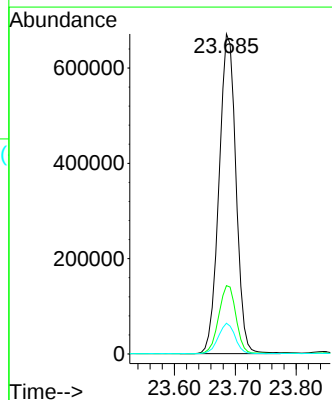
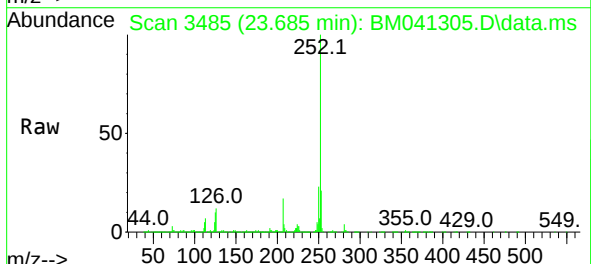
Manual Integrations  
APPROVED

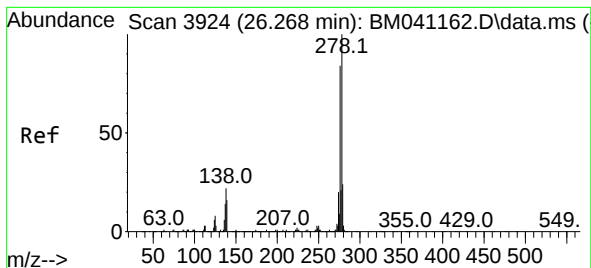
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#90  
Benzo(a)pyrene  
Concen: 49.087 ng  
RT: 23.685 min Scan# 3485  
Delta R.T. -0.000 min  
Lab File: BM041305.D  
Acq: 07 Aug 2023 10:34

Tgt Ion:252 Resp: 1294823  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.3 25.9  
125 9.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 56.009 ng

RT: 26.256 min Scan# 3924

Delta R.T. -0.000 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Instrument :

BNA\_M

ClientSampleId :

PB154530BS

Tgt Ion:278 Resp: 1587210

Ion Ratio Lower Upper

278 100

139 13.5 12.7 19.1

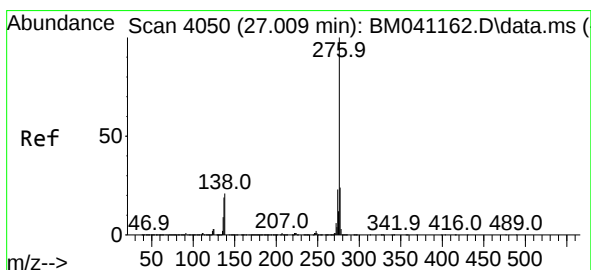
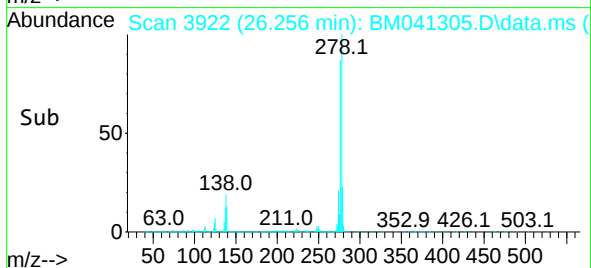
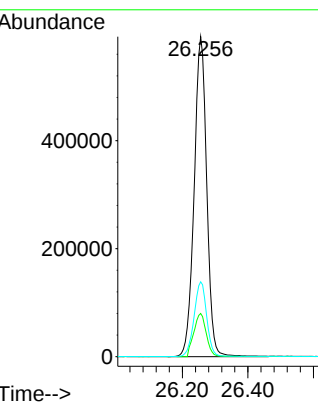
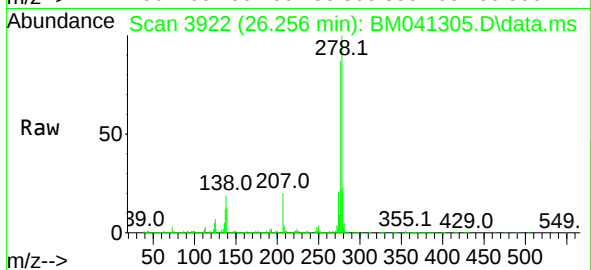
279 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#92

Benzo(g,h,i)perylene

Concen: 54.038 ng

RT: 27.003 min Scan# 4049

Delta R.T. 0.006 min

Lab File: BM041305.D

Acq: 07 Aug 2023 10:34

Tgt Ion:276 Resp: 1498413

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 17.7 17.1 25.7

