

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021723\  
 Data File : BM038775.D  
 Acq On : 17 Feb 2023 15:06  
 Operator : CG/JU  
 Sample : PB150858BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150858BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023  
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 17 23:18:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 23:12:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.875  | 152  | 62058    | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8            | 10.687 | 136  | 214296   | 20.000  | ng    | -0.03    |
| 39) Acenaphthene-d10          | 14.534 | 164  | 125660   | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10          | 17.280 | 188  | 243081   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12              | 21.474 | 240  | 202022   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 23.874 | 264  | 244914   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 337202   | 106.440 | ng    | -0.03    |
| 7) Phenol-d6                  | 7.058  | 99   | 390383   | 108.044 | ng    | -0.03    |
| 23) Nitrobenzene-d5           | 9.052  | 82   | 231864   | 61.457  | ng    | -0.04    |
| 42) 2,4,6-Tribromophenol      | 16.028 | 330  | 154855   | 90.665  | ng    | -0.03    |
| 45) 2-Fluorobiphenyl          | 13.151 | 172  | 627758   | 63.600  | ng    | -0.03    |
| 79) Terphenyl-d14             | 19.910 | 244  | 734396   | 64.150  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 46773    | 33.490  | ng    | 95       |
| 3) Pyridine                   | 3.693  | 79   | 108562   | 32.689  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.605  | 42   | 52114    | 34.760  | ng    | 86       |
| 6) Aniline                    | 7.205  | 93   | 168484   | 37.382  | ng    | 90       |
| 8) 2-Chlorophenol             | 7.440  | 128  | 161614   | 46.752  | ng    | 96       |
| 9) Benzaldehyde               | 7.016  | 77   | 73387    | 46.082  | ng    | 92       |
| 10) Phenol                    | 7.081  | 94   | 169813   | 46.521  | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.305  | 93   | 127681   | 43.193  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.758  | 146  | 191819   | 43.430  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.910  | 146  | 195859   | 43.940  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.228  | 146  | 189197   | 44.306  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.128  | 79   | 110626   | 41.598  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.399  | 45   | 103591   | 36.996  | ng    | 97       |
| 17) 2-Methylphenol            | 8.334  | 107  | 116618   | 41.652  | ng    | 95       |
| 18) Hexachloroethane          | 8.952  | 117  | 67943    | 47.198  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.693  | 70   | 91123    | 41.840  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.669  | 107  | 156831   | 42.012  | ng    | 97       |
| 22) Acetophenone              | 8.710  | 105  | 209777   | 41.048  | ng    | # 96     |
| 24) Nitrobenzene              | 9.099  | 77   | 145403   | 37.971  | ng    | 90       |
| 25) Isophorone                | 9.622  | 82   | 247536   | 37.454  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.810  | 139  | 89846    | 42.164  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.869  | 122  | 132361   | 43.052  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.104 | 93   | 159276   | 39.434  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.346 | 162  | 161594   | 36.996  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.551 | 180  | 163734   | 35.240  | ng    | 98       |
| 31) Naphthalene               | 10.740 | 128  | 461261   | 41.945  | ng    | 98       |
| 32) Benzoic acid              | 10.040 | 122  | 96781    | 38.888  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.863 | 127  | 81865    | 16.987  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.010 | 225  | 91675    | 39.388  | ng    | 97       |
| 35) Caprolactam               | 11.669 | 113  | 35222    | 37.443  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.998 | 107  | 120309   | 37.250  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.351 | 142  | 328450   | 36.960  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.569 | 142  | 305348   | 36.465  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.722 | 216  | 146143   | 44.687  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.687 | 237  | 230947   | 113.803 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.969 | 196  | 104843   | 40.807  | ng    | 96       |

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 Sample : PB150858BS  
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Instrument :  
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

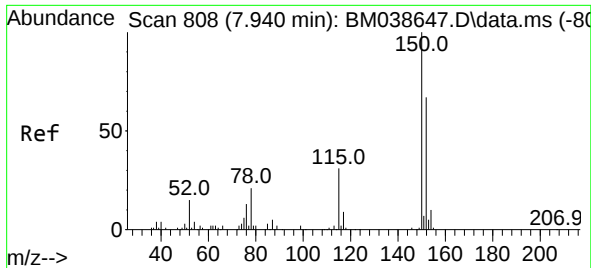
Reviewed By :Yogesh Patel 02/18/2023  
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 17 23:18:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.045 | 196  | 111067   | 36.736 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.363 | 154  | 436159   | 43.817 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.410 | 162  | 340968   | 43.531 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.628 | 65   | 68731    | 39.294 | ng    | 95       |
| 49) Acenaphthylene            | 14.251 | 152  | 522689   | 42.367 | ng    | 99       |
| 50) Dimethylphthalate         | 13.998 | 163  | 397948   | 38.807 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.128 | 165  | 82993    | 39.820 | ng    | 96       |
| 52) Acenaphthene              | 14.598 | 154  | 305659   | 41.493 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.457 | 138  | 57805    | 27.230 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.669 | 184  | 104298   | 76.882 | ng    | # 86     |
| 55) Dibenzofuran              | 14.934 | 168  | 483705   | 38.131 | ng    | 95       |
| 56) 4-Nitrophenol             | 14.775 | 139  | 143136   | 85.630 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.916 | 165  | 113103   | 37.158 | ng    | 94       |
| 58) Fluorene                  | 15.581 | 166  | 388195   | 38.676 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.163 | 232  | 83062    | 39.473 | ng    | 96       |
| 60) Diethylphthalate          | 15.357 | 149  | 390823   | 40.230 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.575 | 204  | 168615   | 39.599 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.622 | 138  | 80919m   | 36.595 | ng    |          |
| 63) Azobenzene                | 15.869 | 77   | 313782   | 41.982 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.681 | 198  | 55754    | 36.435 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.792 | 169  | 321192   | 40.468 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.469 | 248  | 97977    | 41.744 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.580 | 284  | 123840   | 43.173 | ng    | 93       |
| 69) Atrazine                  | 16.751 | 200  | 100110   | 43.518 | ng    | 97       |
| 70) Pentachlorophenol         | 16.933 | 266  | 151073   | 72.248 | ng    | 99       |
| 71) Phenanthrene              | 17.322 | 178  | 575433   | 39.868 | ng    | 99       |
| 72) Anthracene                | 17.416 | 178  | 570004   | 38.604 | ng    | 98       |
| 73) Carbazole                 | 17.692 | 167  | 524002   | 38.051 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.245 | 149  | 662150   | 42.559 | ng    | 99       |
| 75) Fluoranthene              | 19.345 | 202  | 567172   | 37.426 | ng    | 99       |
| 77) Benzidine                 | 19.539 | 184  | 344276   | 56.156 | ng    | 99       |
| 78) Pyrene                    | 19.704 | 202  | 619054   | 39.801 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.604 | 149  | 295109   | 38.513 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.463 | 228  | 577323   | 40.399 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.398 | 252  | 179687   | 36.549 | ng    | 98       |
| 83) Chrysene                  | 21.515 | 228  | 537043   | 39.004 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.374 | 149  | 437904   | 39.150 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.298 | 149  | 771630   | 42.147 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.362 | 276  | 914406   | 47.401 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.145 | 252  | 654868   | 44.642 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.192 | 252  | 638137   | 42.839 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.768 | 252  | 571385   | 39.387 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.380 | 278  | 781442   | 48.148 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.133 | 276  | 709207   | 43.228 | ng    | 99       |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.875 min Scan# 79  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

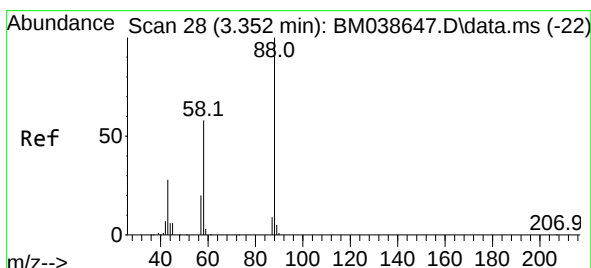
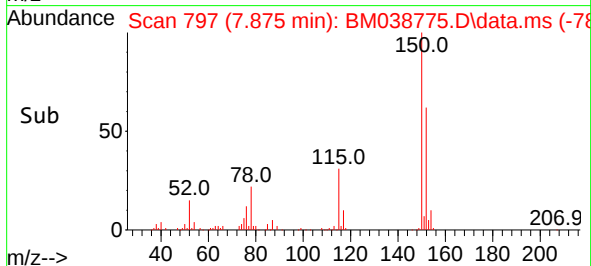
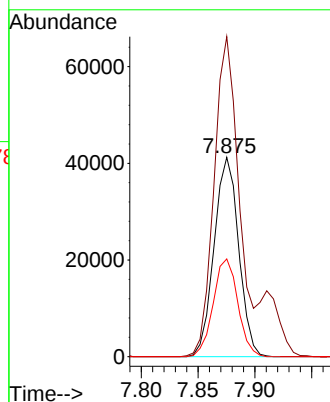
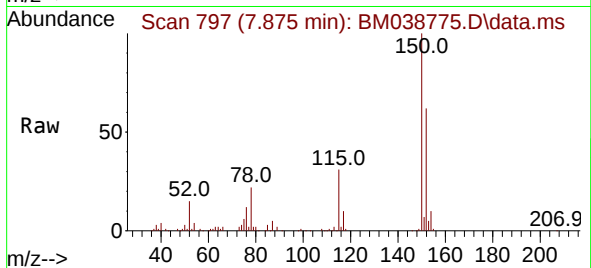
ClientSampleId :

PB150858BS

Tgt Ion:152 Resp: 62058  
Ion Ratio Lower Upper  
152 100  
150 160.5 119.5 179.3  
115 49.1 37.6 56.4

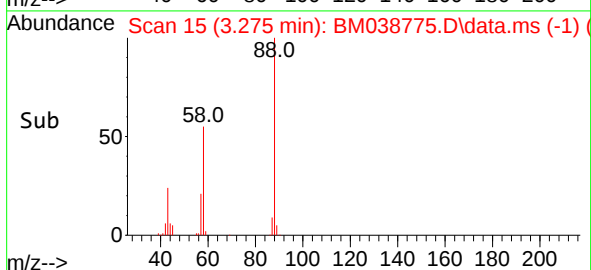
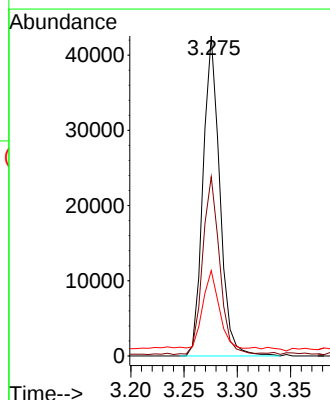
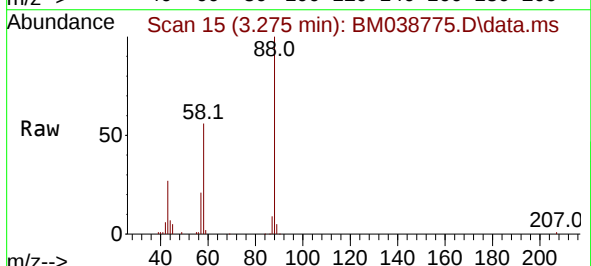
Manual Integrations  
APPROVED

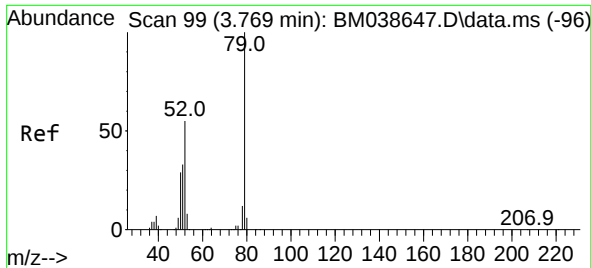
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#2  
1,4-Dioxane  
Concen: 33.490 ng  
RT: 3.275 min Scan# 15  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

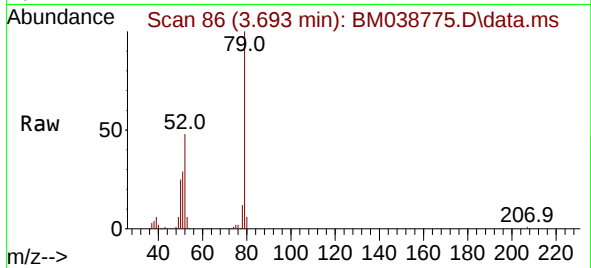
Tgt Ion: 88 Resp: 46773  
Ion Ratio Lower Upper  
88 100  
58 55.9 47.0 70.4  
43 23.4 22.6 33.8





#3  
Pyridine  
Concen: 32.689 ng  
RT: 3.693 min Scan# 80  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

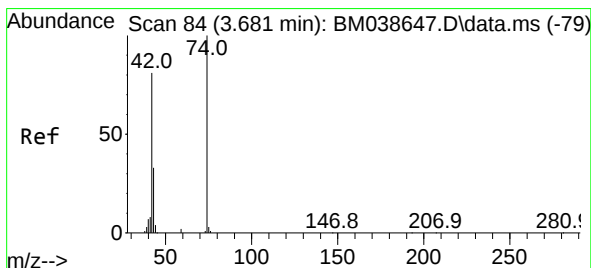
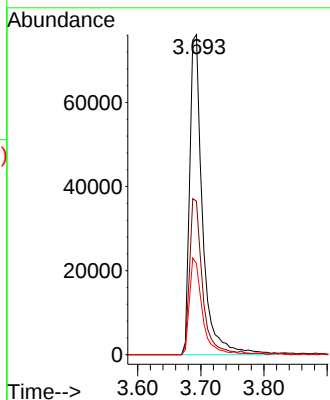
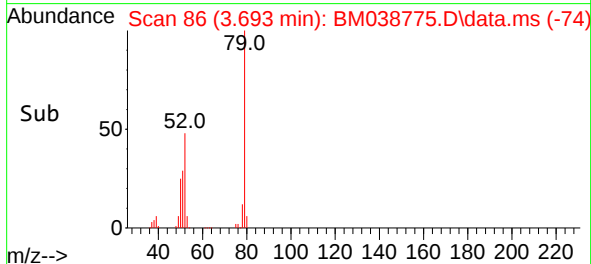
Instrument :  
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ClientSampleId :  
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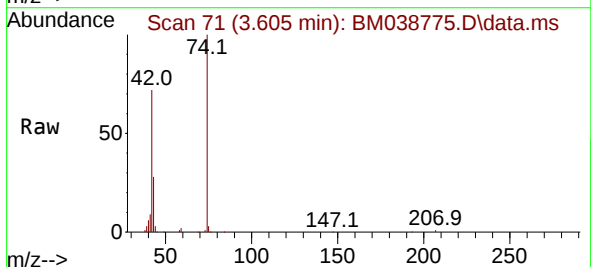
Tgt Ion: 79 Resp: 108562  
Ion Ratio Lower Upper  
79 100  
52 47.9 43.7 65.5  
51 28.5 26.6 40.0

Manual Integrations  
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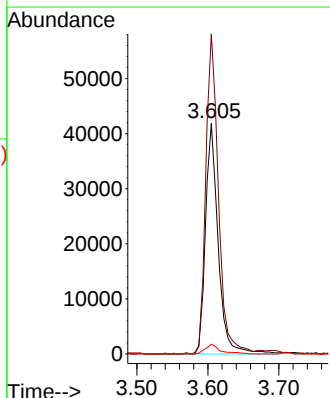
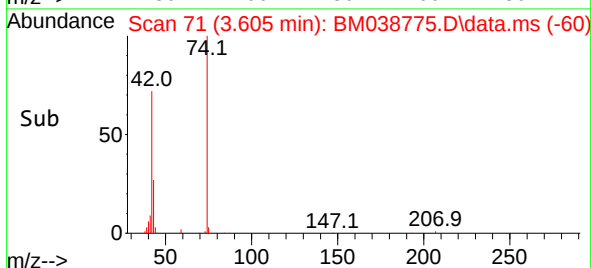
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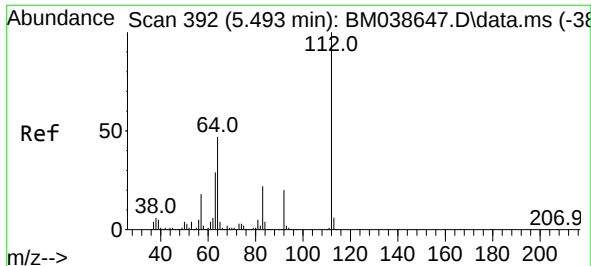


#4  
n-Nitrosodimethylamine  
Concen: 34.760 ng  
RT: 3.605 min Scan# 71  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



Tgt Ion: 42 Resp: 52114  
Ion Ratio Lower Upper  
42 100  
74 138.8 98.4 147.6  
44 4.2 3.5 5.3





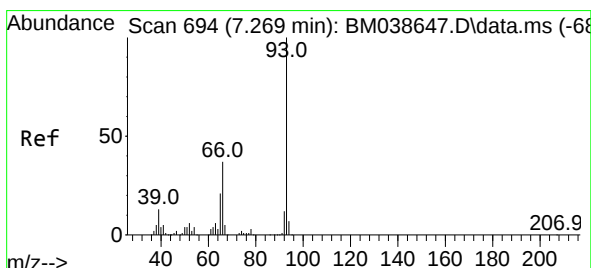
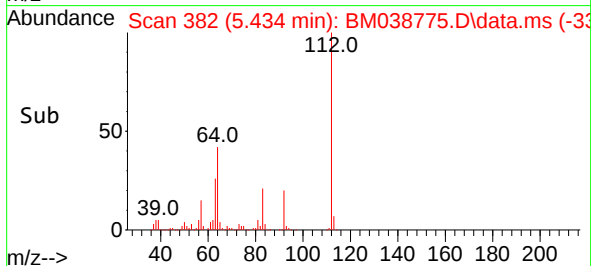
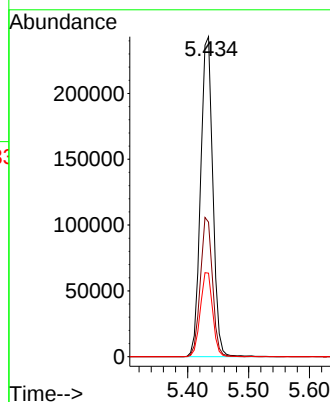
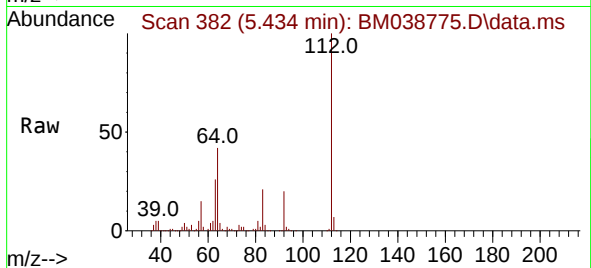
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2-Fluorophenol  
Concen: 106.440 ng  
RT: 5.434 min Scan# 311  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS

Tgt Ion:112 Resp: 33720  
Ion Ratio Lower Upper  
112 100  
64 42.1 37.9 56.9  
63 26.1 23.3 34.9

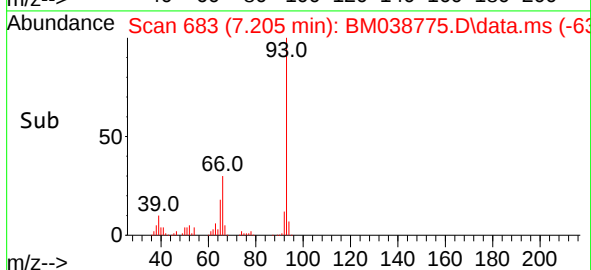
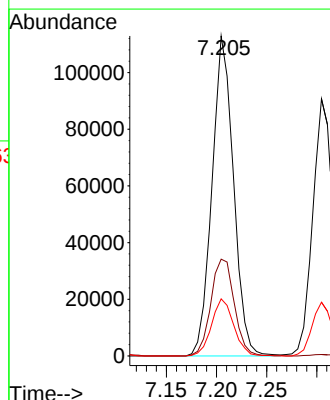
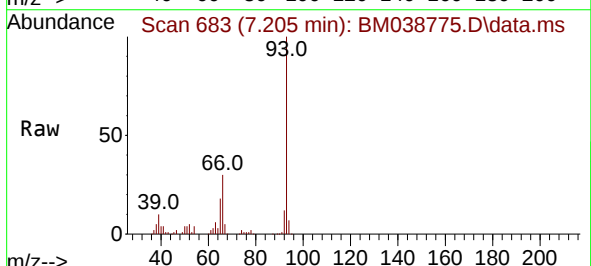
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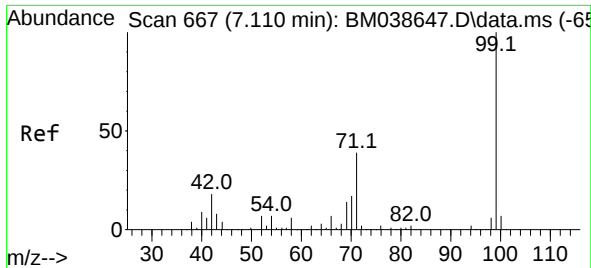
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#6  
Aniline  
Concen: 37.382 ng  
RT: 7.205 min Scan# 683  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion: 93 Resp: 168484  
Ion Ratio Lower Upper  
93 100  
66 30.2 29.8 44.8  
65 17.9 16.9 25.3





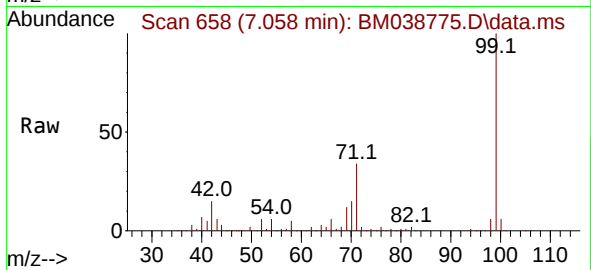
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Phenol-d6  
Concen: 108.044 ng  
RT: 7.058 min Scan# 61  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS

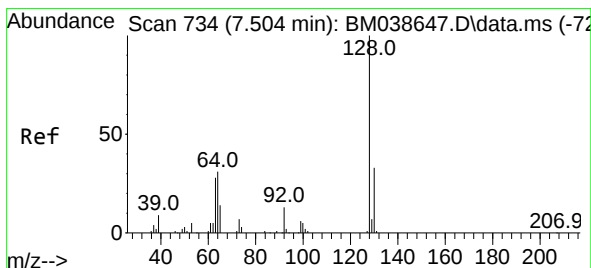
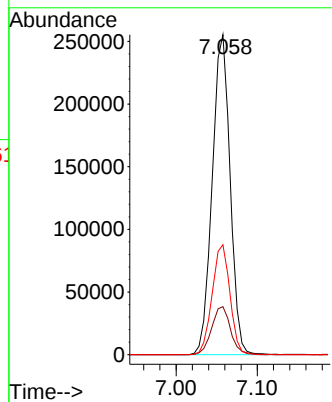
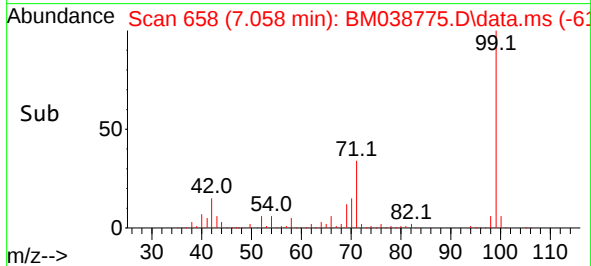


Tgt Ion: 99 Resp: 39038  
Ion Ratio Lower Upper  
99 100  
42 15.0 14.6 22.0  
71 34.4 31.0 46.4

Manual Integrations

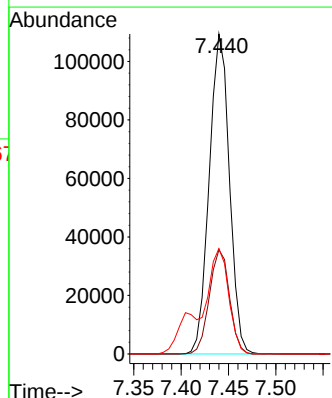
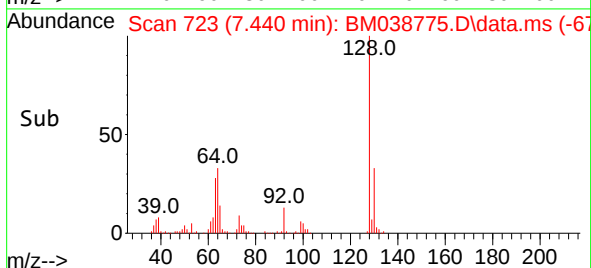
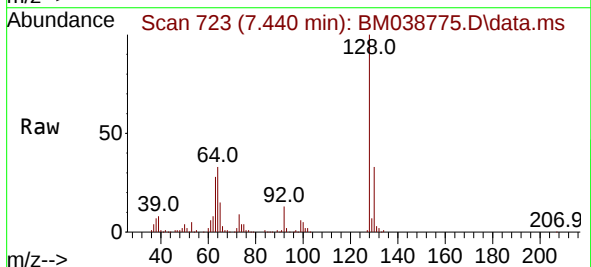
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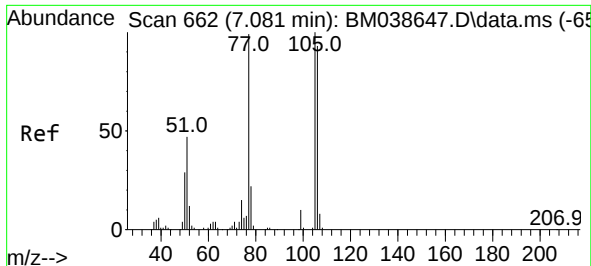
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#8  
2-Chlorophenol  
Concen: 46.752 ng  
RT: 7.440 min Scan# 723  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

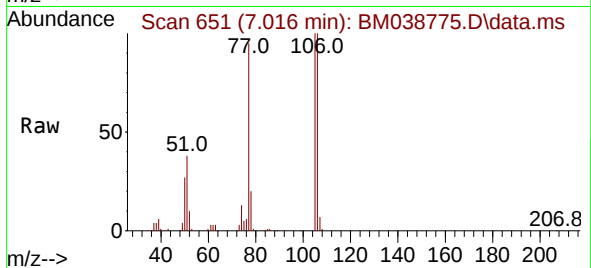
Tgt Ion:128 Resp: 161614  
Ion Ratio Lower Upper  
128 100  
130 32.6 13.2 53.2  
64 33.0 17.3 57.3





#9  
Benzaldehyde  
Concen: 46.082 ng  
RT: 7.016 min Scan# 61  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

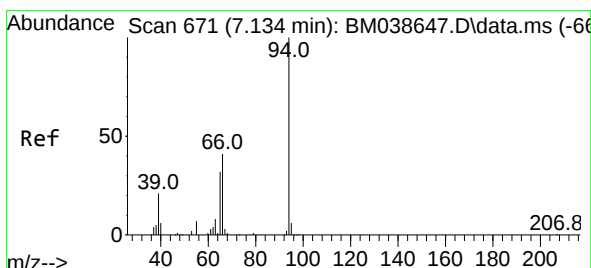
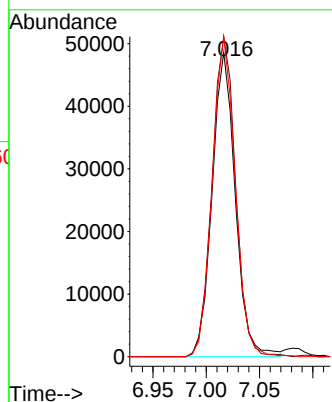
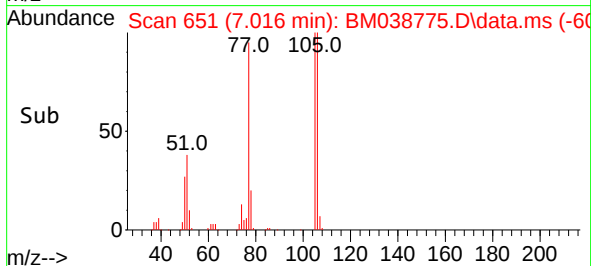
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



Tgt Ion: 77 Resp: 7338  
Ion Ratio Lower Upper  
77 100  
105 105.2 80.8 120.8  
106 105.2 73.8 113.8

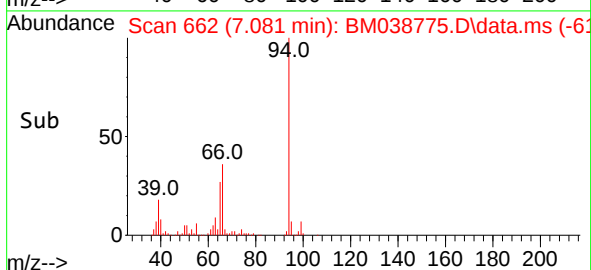
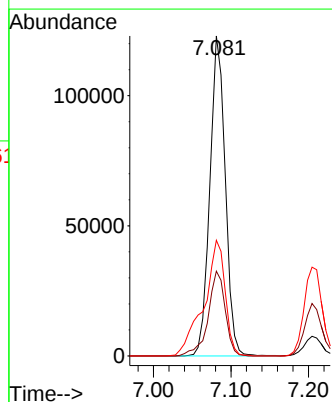
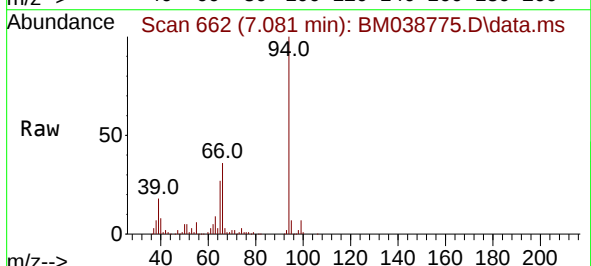
Manual Integrations  
APPROVED

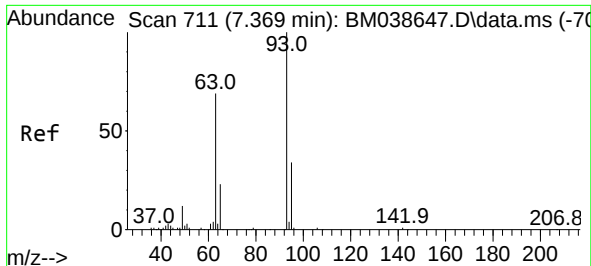
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#10  
Phenol  
Concen: 46.521 ng  
RT: 7.081 min Scan# 662  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

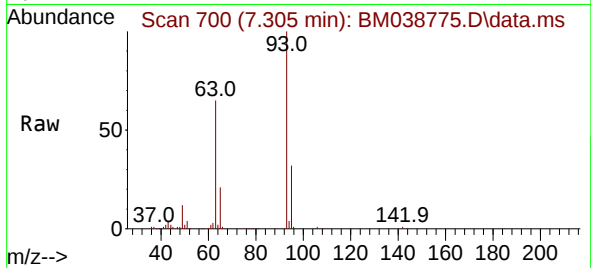
Tgt Ion: 94 Resp: 169813  
Ion Ratio Lower Upper  
94 100  
65 26.5 12.3 52.3  
66 36.1 24.2 64.2





#11  
bis(2-Chloroethyl)ether  
Concen: 43.193 ng  
RT: 7.305 min Scan# 70  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

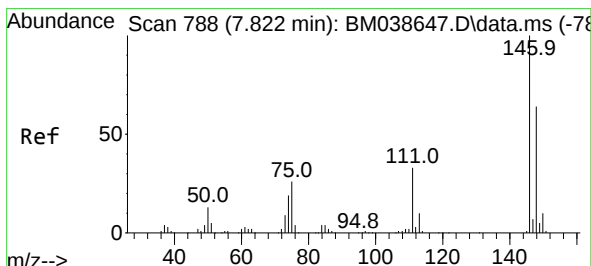
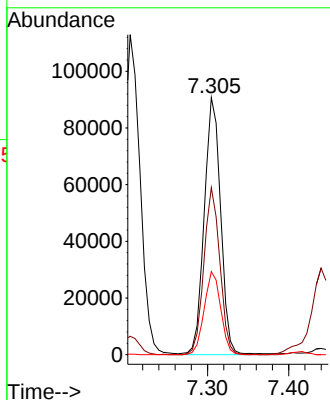
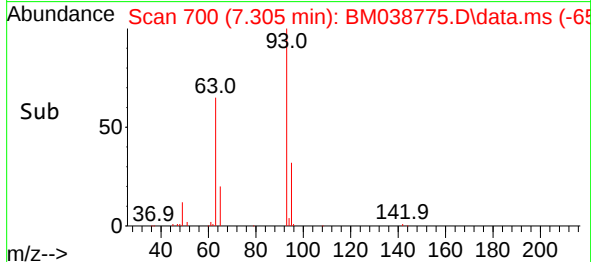
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



Tgt Ion: 93 Resp: 12768  
Ion Ratio Lower Upper  
93 100  
63 65.0 48.5 88.5  
95 32.3 13.8 53.8

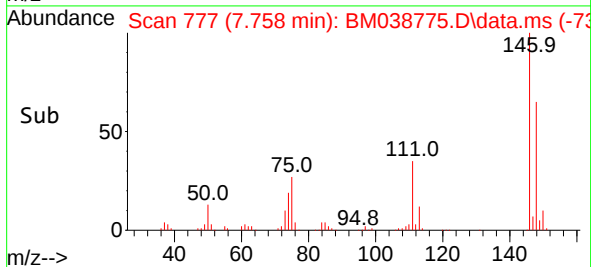
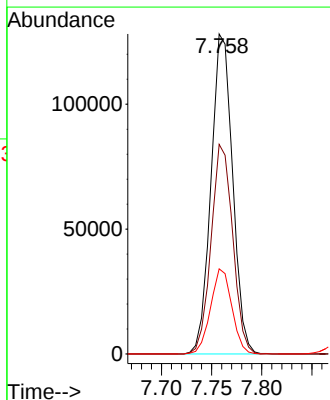
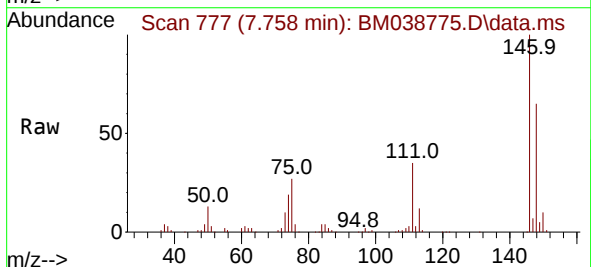
Manual Integrations  
APPROVED

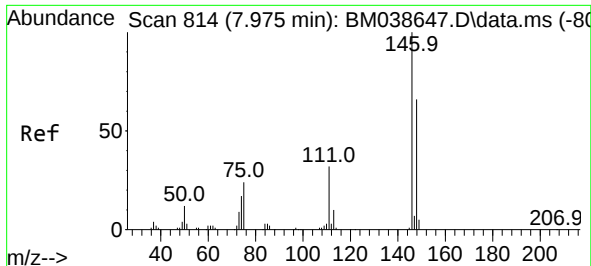
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#12  
1,3-Dichlorobenzene  
Concen: 43.430 ng  
RT: 7.758 min Scan# 777  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:146 Resp: 191819  
Ion Ratio Lower Upper  
146 100  
148 65.5 51.5 77.3  
75 26.6 21.1 31.7





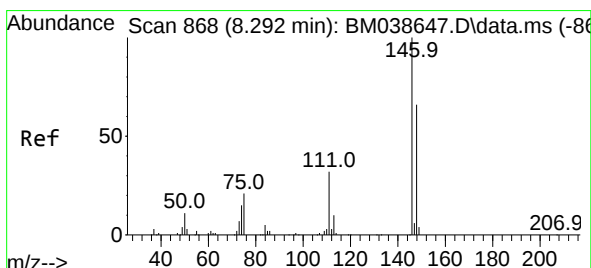
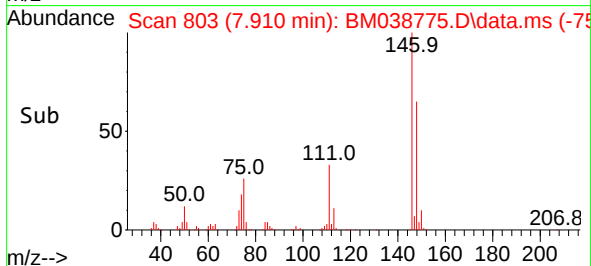
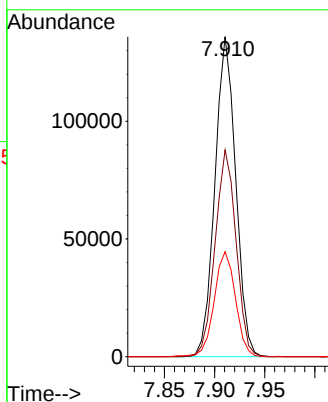
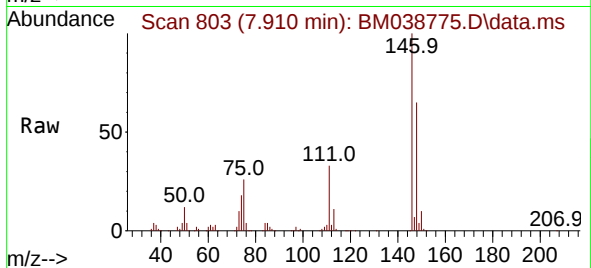
#13  
1,4-Dichlorobenzene  
Concen: 43.940 ng  
RT: 7.910 min Scan# 803  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS

Tgt Ion:146 Resp: 19585  
Ion Ratio Lower Upper  
146 100  
148 64.6 53.1 79.7  
111 32.8 25.9 38.9

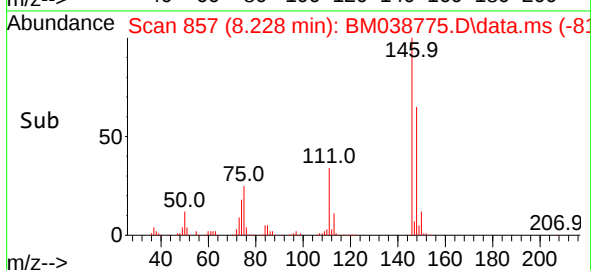
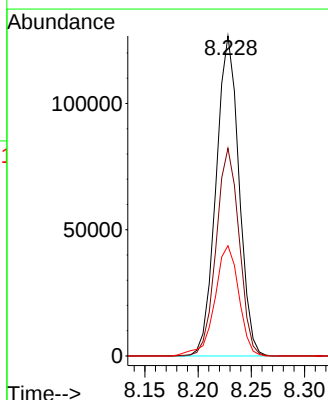
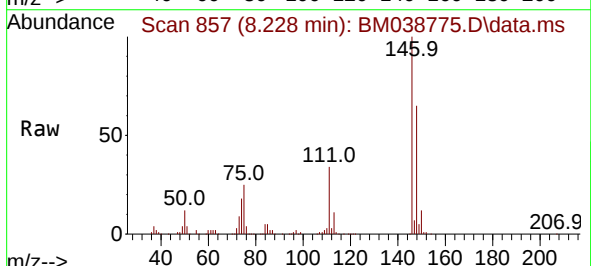
Manual Integrations  
APPROVED

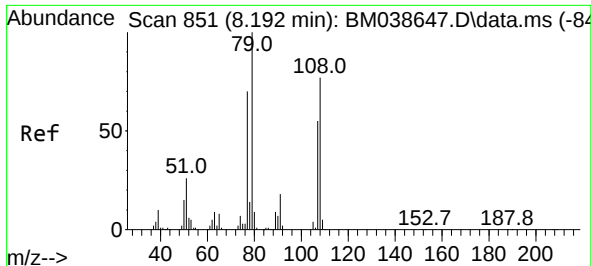
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#14  
1,2-Dichlorobenzene  
Concen: 44.306 ng  
RT: 8.228 min Scan# 857  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:146 Resp: 189197  
Ion Ratio Lower Upper  
146 100  
148 64.9 52.9 79.3  
111 34.5 26.2 39.2





#15  
Benzyl Alcohol  
Concen: 41.598 ng  
RT: 8.128 min Scan# 841  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

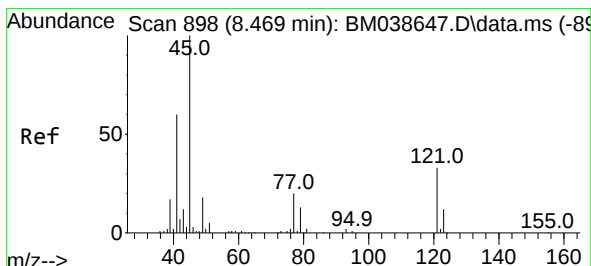
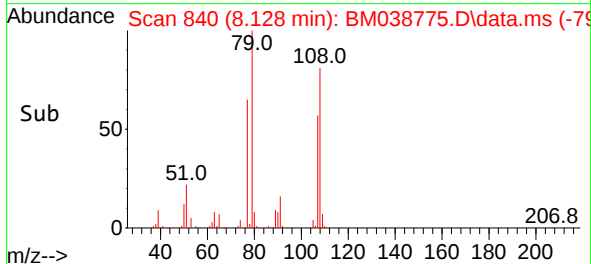
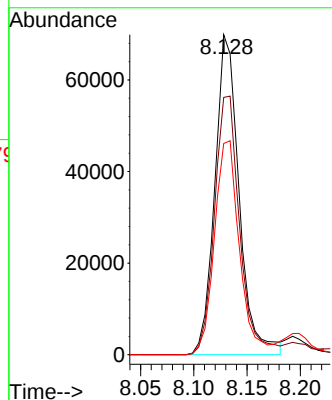
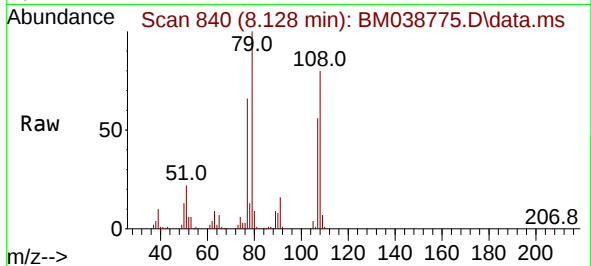
ClientSampleId :

PB150858BS

Tgt Ion: 79 Resp: 110620  
Ion Ratio Lower Upper  
79 100  
108 80.4 61.9 92.9  
77 66.0 55.8 83.8

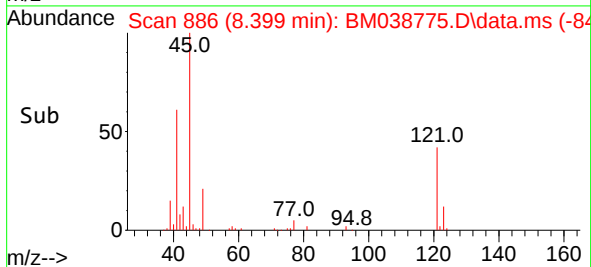
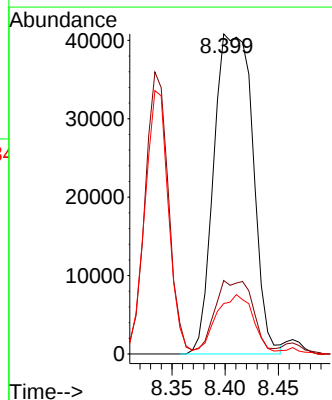
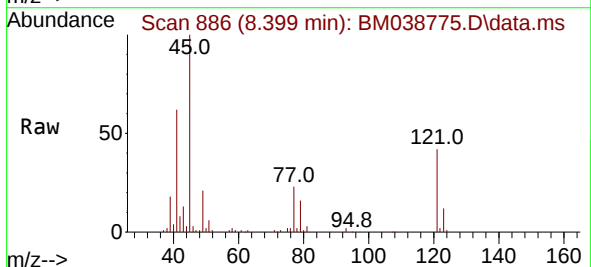
Manual Integrations  
APPROVED

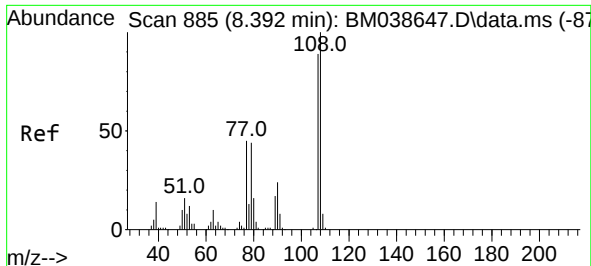
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.996 ng  
RT: 8.399 min Scan# 886  
Delta R.T. -0.053 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

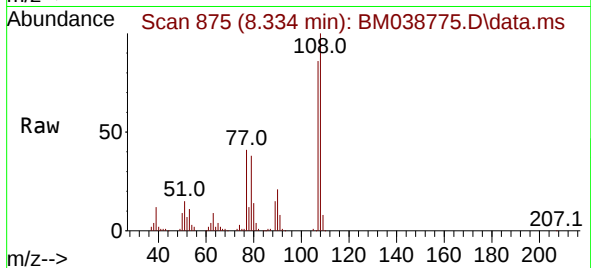
Tgt Ion: 45 Resp: 103591  
Ion Ratio Lower Upper  
45 100  
77 22.9 1.1 41.1  
79 15.7 0.0 34.6





#17  
2-Methylphenol  
Concen: 41.652 ng  
RT: 8.334 min Scan# 81  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

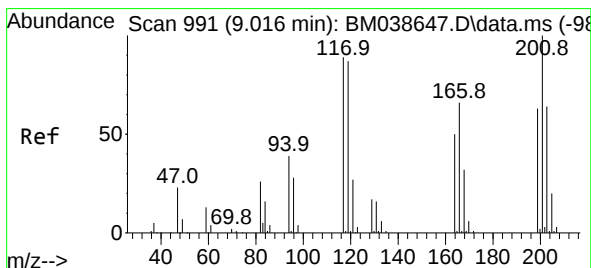
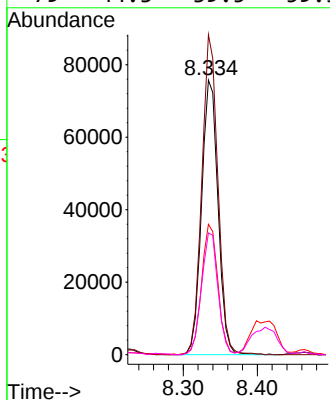
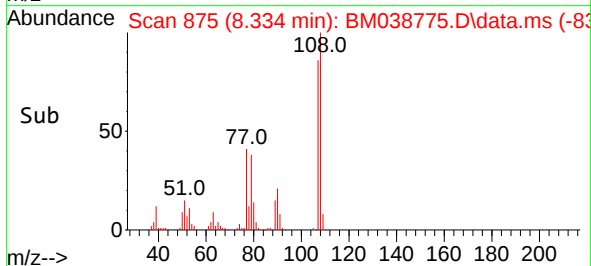
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 116618 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.6 | 89.6  | 134.4  |
| 77       | 47.5  | 40.7  | 61.1   |
| 79       | 44.3  | 39.5  | 59.3   |

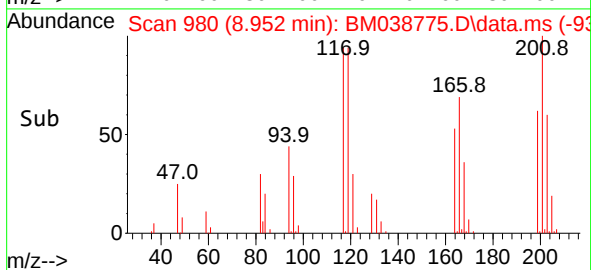
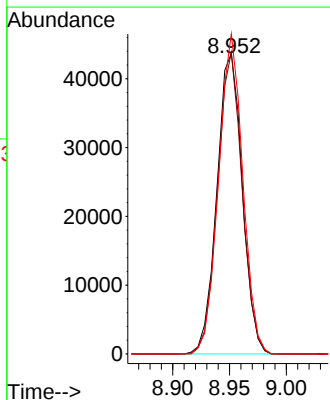
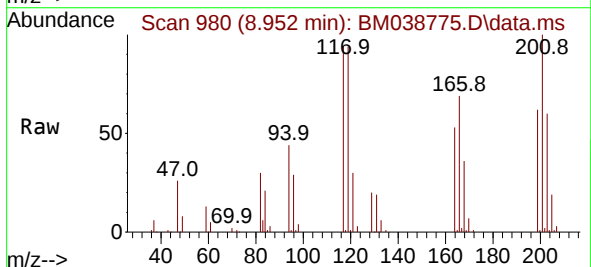
Manual Integrations  
APPROVED

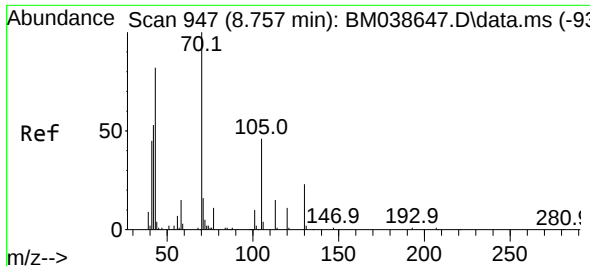
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#18  
Hexachloroethane  
Concen: 47.198 ng  
RT: 8.952 min Scan# 980  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 67943 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 100.4 | 78.6  | 117.8 |
| 201      | 106.4 | 90.2  | 135.2 |





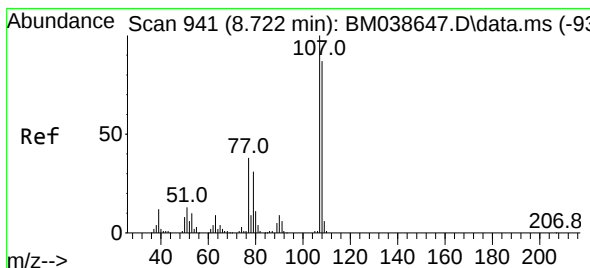
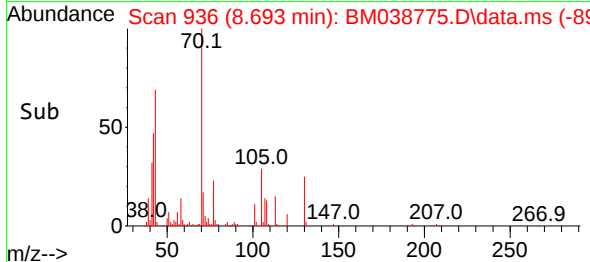
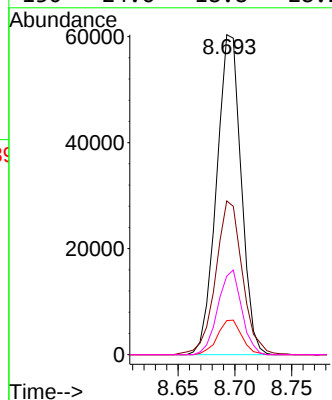
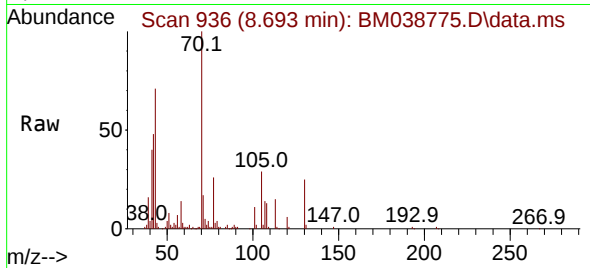
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.840 ng  
RT: 8.693 min Scan# 9112  
Delta R.T. -0.041 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS

Tgt Ion: 70 Resp: 9112  
Ion Ratio Lower Upper  
70 100  
42 48.0 43.4 65.2  
101 10.7 8.2 12.2  
130 24.6 18.8 28.2

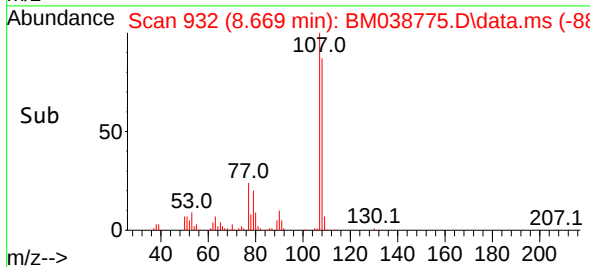
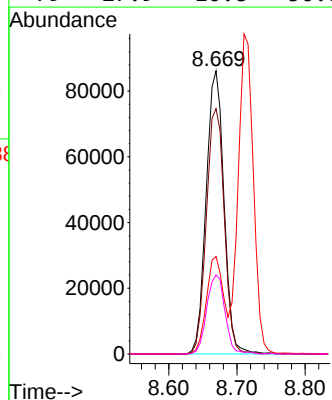
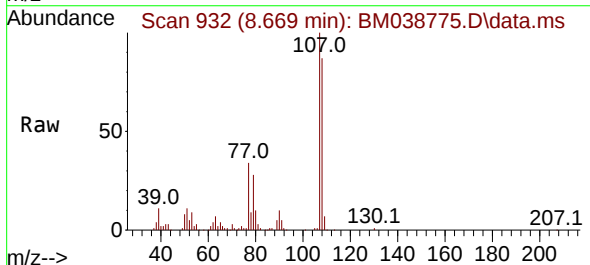
Manual Integrations  
APPROVED

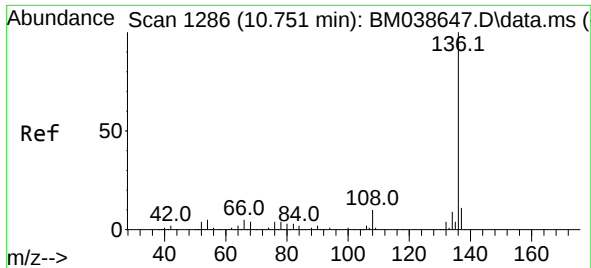
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#20  
3+4-Methylphenols  
Concen: 42.012 ng  
RT: 8.669 min Scan# 932  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:107 Resp: 156831  
Ion Ratio Lower Upper  
107 100  
108 86.6 67.2 107.2  
77 34.4 17.5 57.5  
79 27.9 10.8 50.8





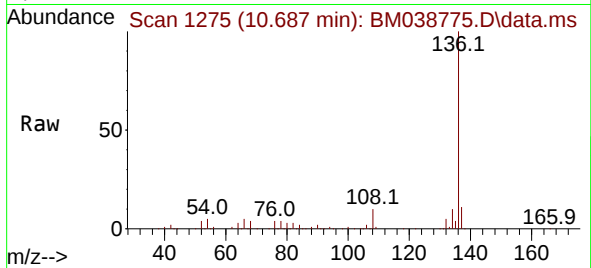
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.687 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS

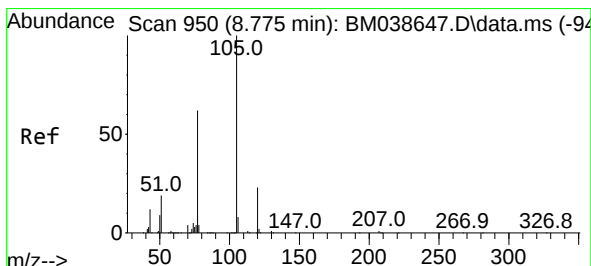
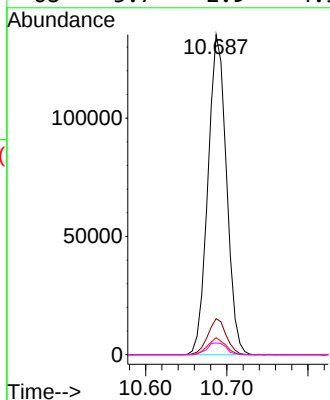
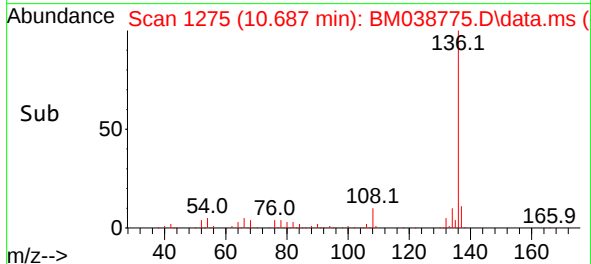


Tgt Ion:136 Resp: 214290  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 5.3 4.2 6.4  
68 3.7 2.9 4.3

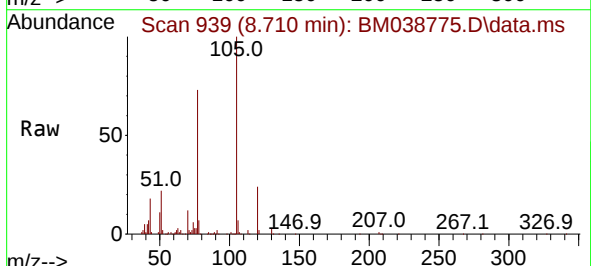
Manual Integrations

APPROVED

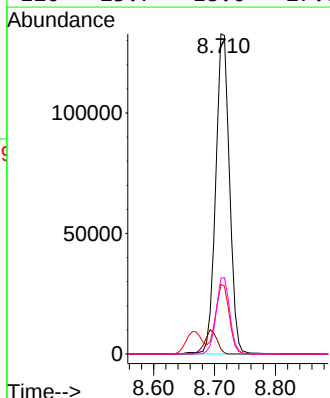
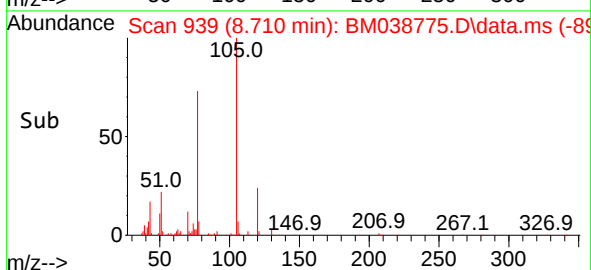
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

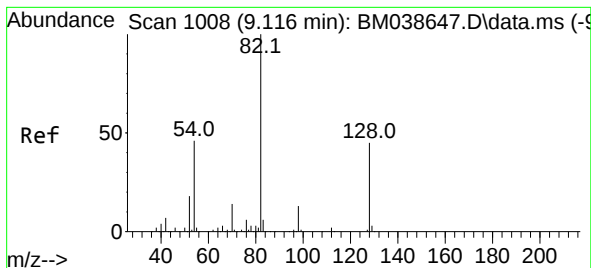


#22  
Acetophenone  
Concen: 41.048 ng  
RT: 8.710 min Scan# 939  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



Tgt Ion:105 Resp: 209777  
Ion Ratio Lower Upper  
105 100  
71 1.6 0.9 1.3#  
51 21.7 19.3 28.9  
120 23.7 18.0 27.0





#23

Nitrobenzene-d5

Concen: 61.457 ng

RT: 9.052 min Scan# 91

Delta R.T. -0.041 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS

Tgt Ion: 82 Resp: 231864

Ion Ratio Lower Upper

82 100

128 48.2 36.0 54.0

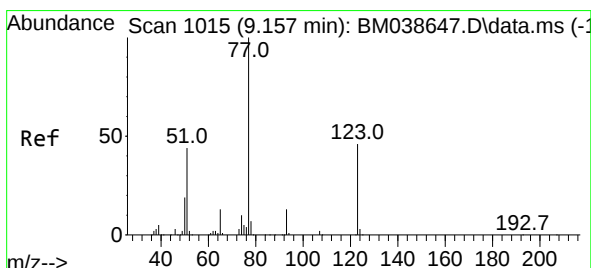
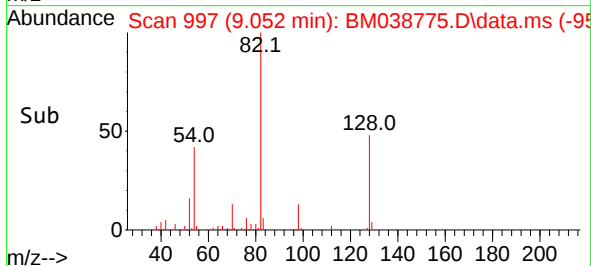
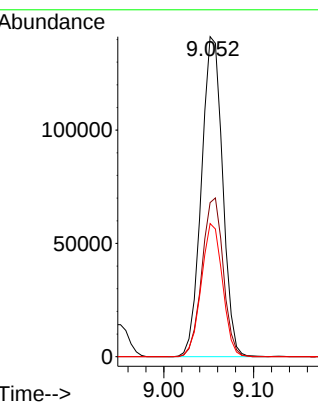
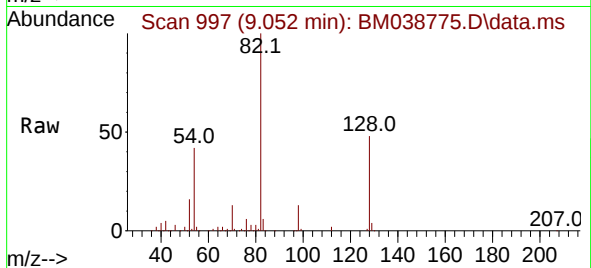
54 41.6 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#24

Nitrobenzene

Concen: 37.971 ng

RT: 9.099 min Scan# 1005

Delta R.T. -0.035 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

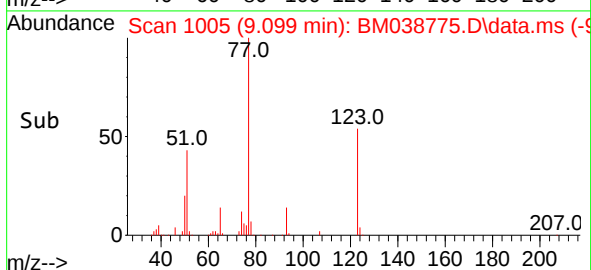
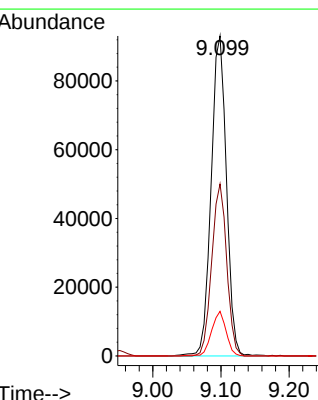
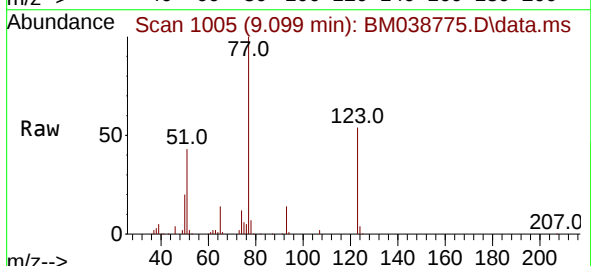
Tgt Ion: 77 Resp: 145403

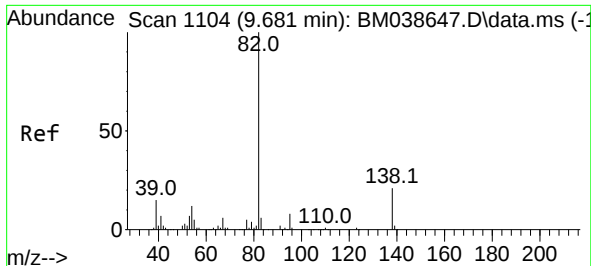
Ion Ratio Lower Upper

77 100

123 53.8 36.5 54.7

65 14.0 10.7 16.1





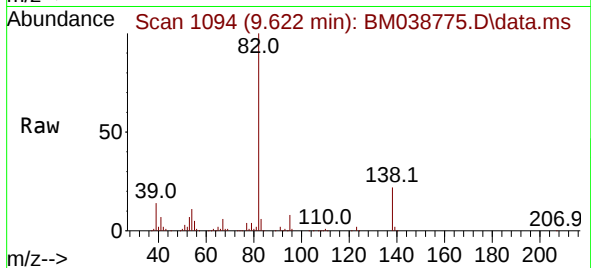
#25  
Isophorone  
Concen: 37.454 ng  
RT: 9.622 min Scan# 1104  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS



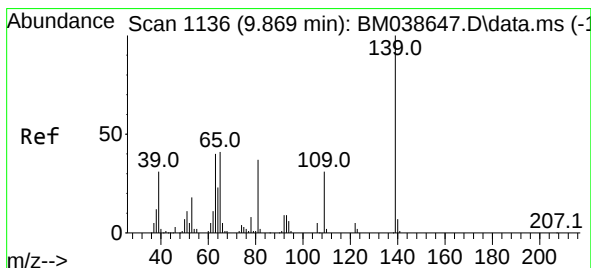
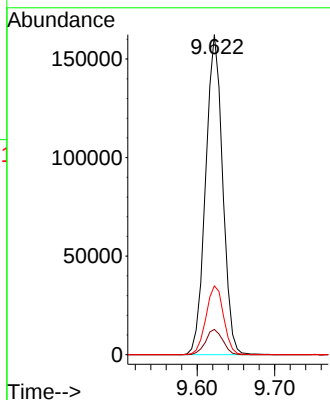
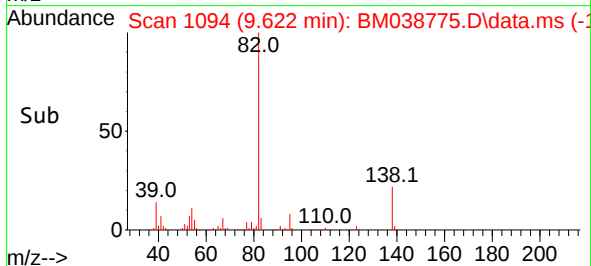
Tgt Ion: 82 Resp: 247530  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.4 9.6  
138 21.5 17.0 25.6

Manual Integrations

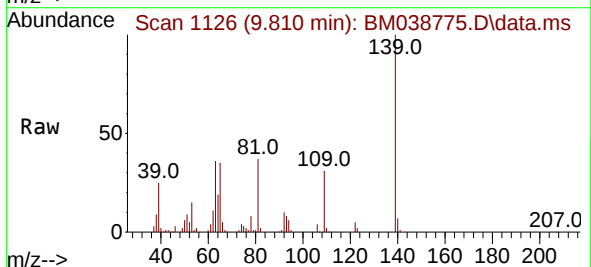
APPROVED

Reviewed By :Yogesh Patel 02/18/2023

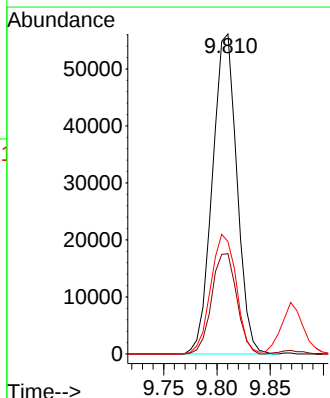
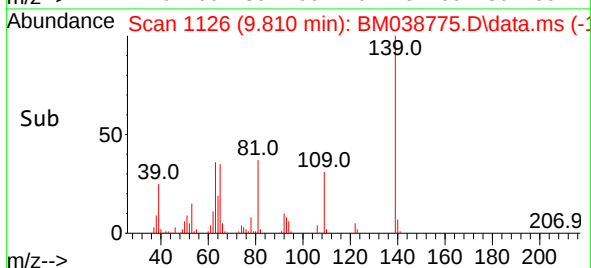
Supervised By :mohammad ahmed 02/20/2023

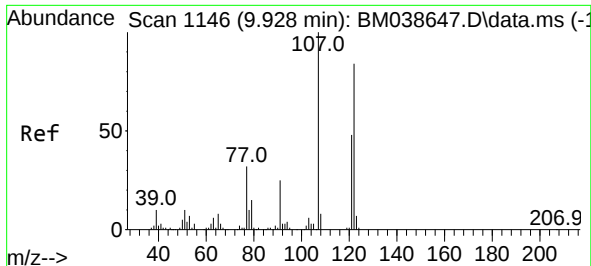


#26  
2-Nitrophenol  
Concen: 42.164 ng  
RT: 9.810 min Scan# 1126  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



Tgt Ion:139 Resp: 89846  
Ion Ratio Lower Upper  
139 100  
109 31.4 24.5 36.7  
65 35.1 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 43.052 ng

RT: 9.869 min Scan# 1146

Delta R.T. -0.035 min

Lab File: BM038775.D

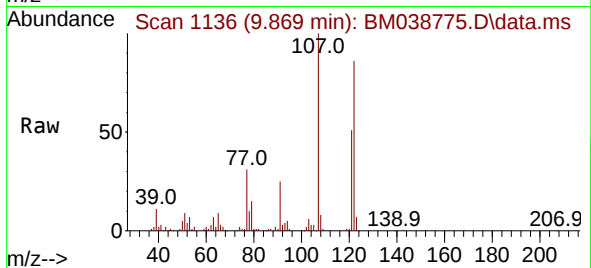
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS



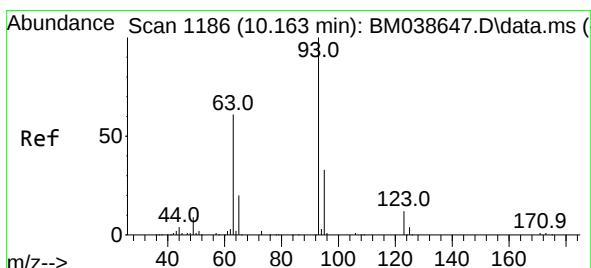
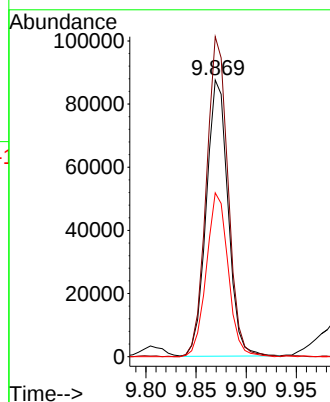
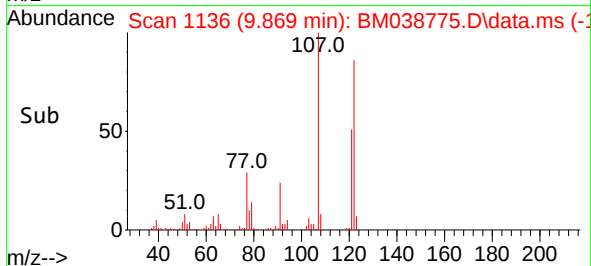
| Tgt Ion:  | 122   | Resp: | 13236 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 122       | 100   |       |       |
| 107       | 115.7 | 94.9  | 142.3 |
| 121       | 59.2  | 45.5  | 68.3  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.434 ng

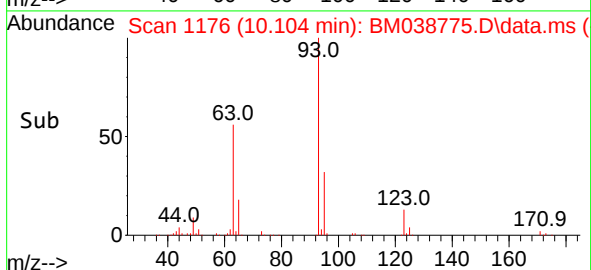
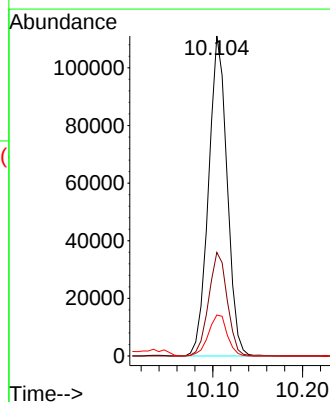
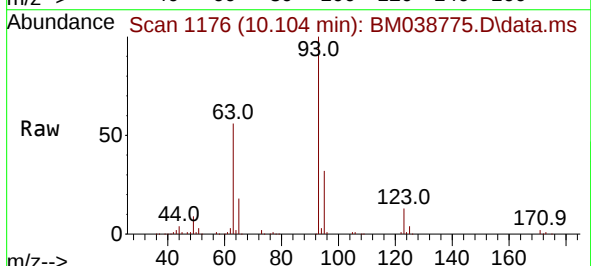
RT: 10.104 min Scan# 1176

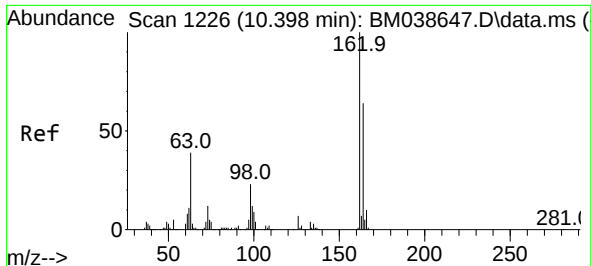
Delta R.T. -0.035 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

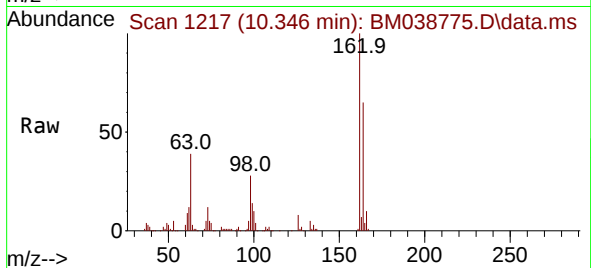
| Tgt Ion:  | 93   | Resp: | 159276 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 93        | 100  |       |        |
| 95        | 32.4 | 26.6  | 40.0   |
| 123       | 12.8 | 9.6   | 14.4   |





#29  
2,4-Dichlorophenol  
Concen: 36.996 ng  
RT: 10.346 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

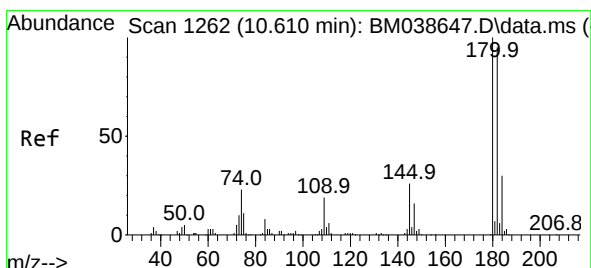
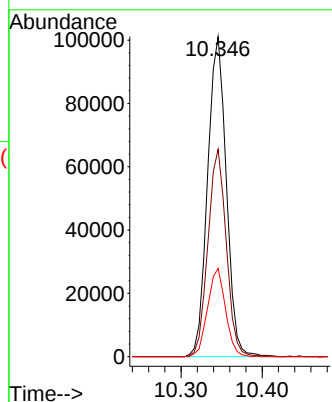
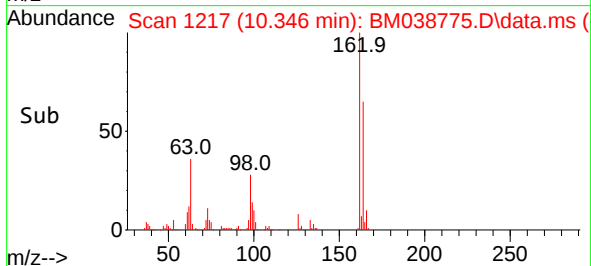
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



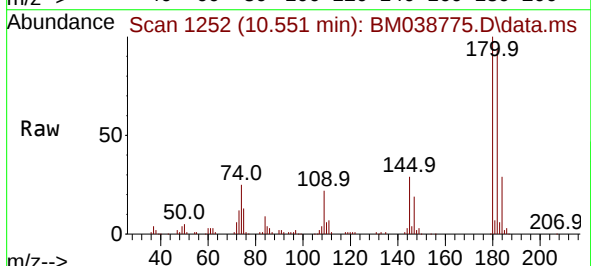
Tgt Ion:162 Resp: 161594  
Ion Ratio Lower Upper  
162 100  
164 64.8 44.3 84.3  
98 27.6 3.1 43.1

Manual Integrations  
APPROVED

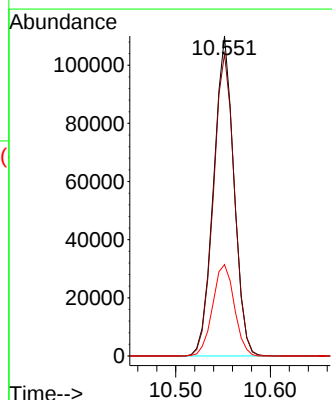
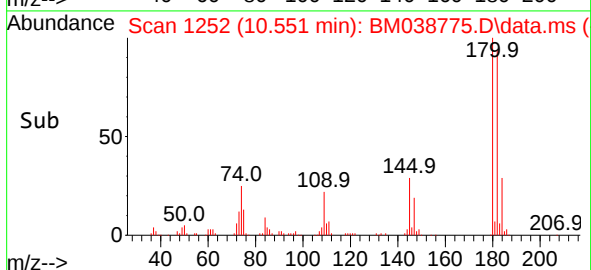
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

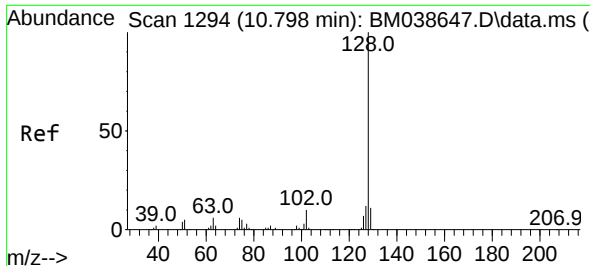


#30  
1,2,4-Trichlorobenzene  
Concen: 35.240 ng  
RT: 10.551 min Scan# 1252  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



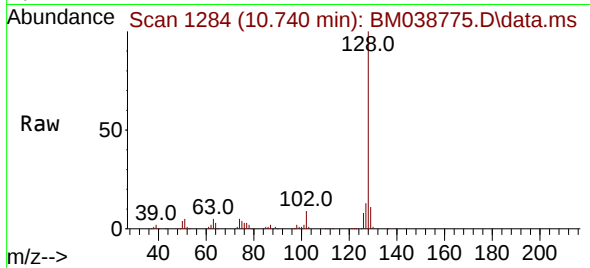
Tgt Ion:180 Resp: 163734  
Ion Ratio Lower Upper  
180 100  
182 94.5 76.2 114.2  
145 28.5 20.8 31.2





#31  
Naphthalene  
Concen: 41.945 ng  
RT: 10.740 min Scan# 1165  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

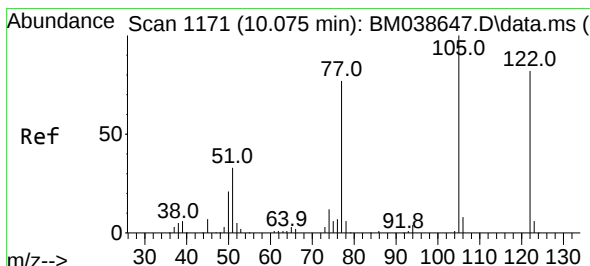
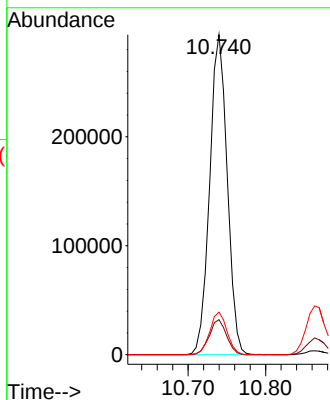
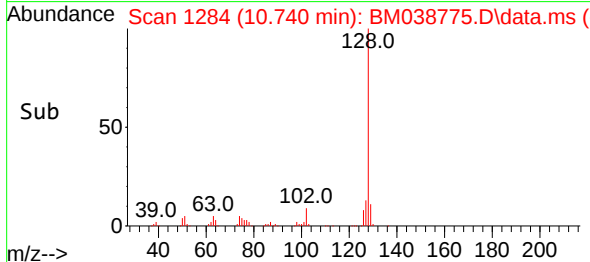
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



Tgt Ion:128 Resp: 46126  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.1 13.7  
127 13.3 9.9 14.9

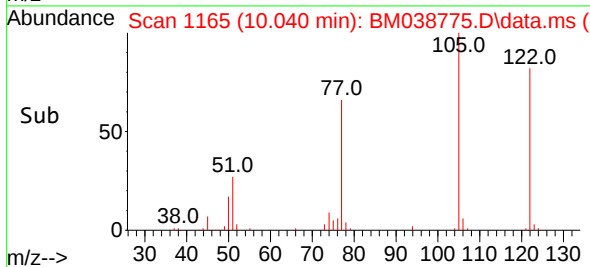
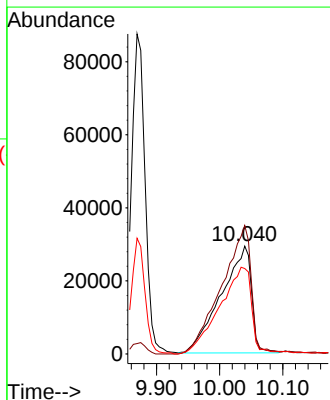
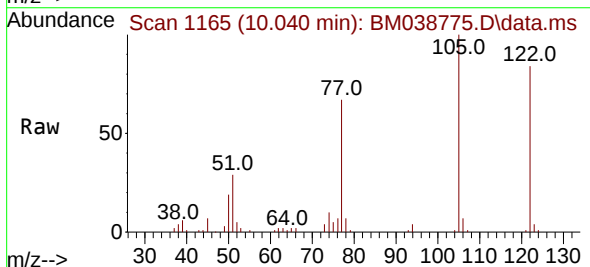
Manual Integrations  
APPROVED

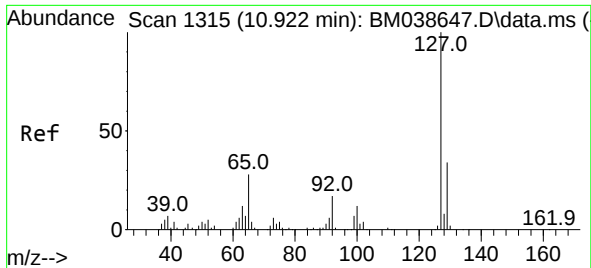
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#32  
Benzoic acid  
Concen: 38.888 ng  
RT: 10.040 min Scan# 1165  
Delta R.T. -0.047 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:122 Resp: 96781  
Ion Ratio Lower Upper  
122 100  
105 119.2 99.2 139.2  
77 79.3 72.3 112.3





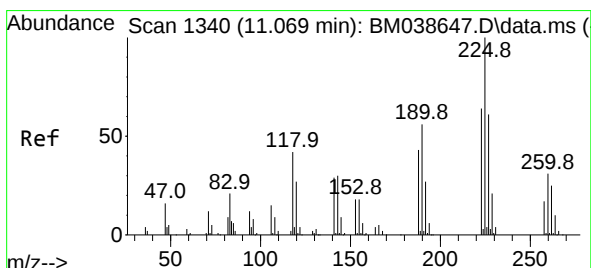
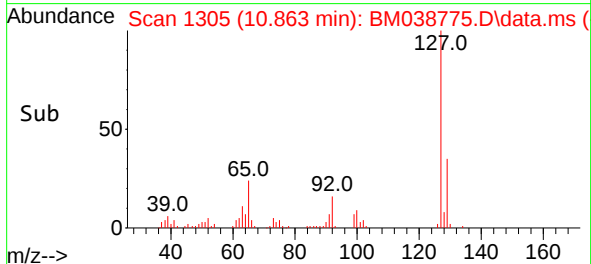
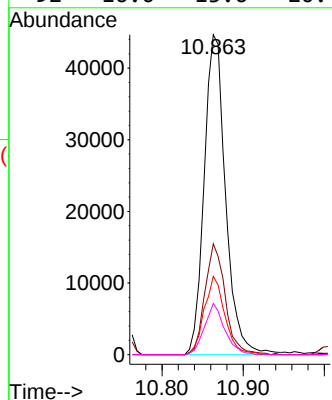
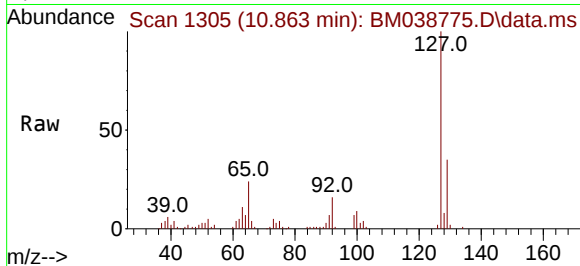
#33  
4-Chloroaniline  
Concen: 16.987 ng  
RT: 10.863 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS

|             |             |
|-------------|-------------|
| Tgt Ion:127 | Resp: 8186  |
| Ion Ratio   | Lower Upper |
| 127 100     |             |
| 129 34.6    | 27.1 40.7   |
| 65 24.5     | 22.2 33.4   |
| 92 16.0     | 13.6 20.4   |

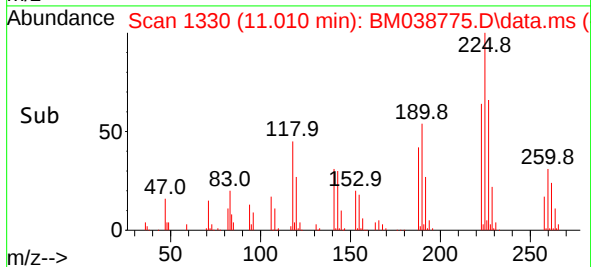
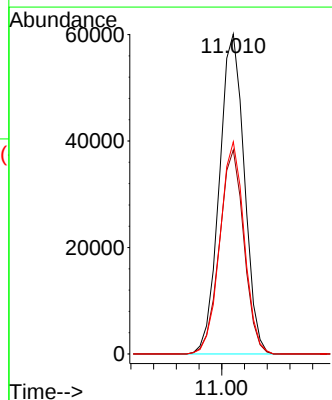
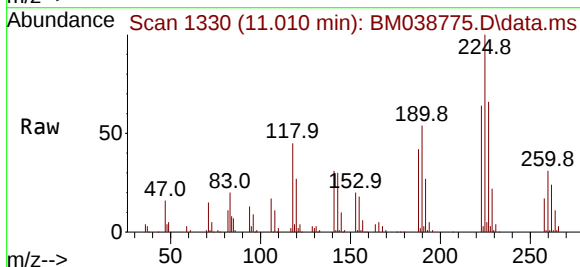
Manual Integrations  
APPROVED

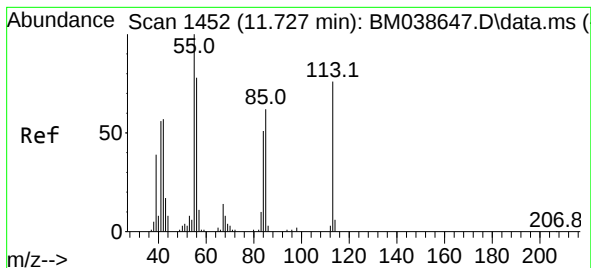
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#34  
Hexachlorobutadiene  
Concen: 39.388 ng  
RT: 11.010 min Scan# 1330  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

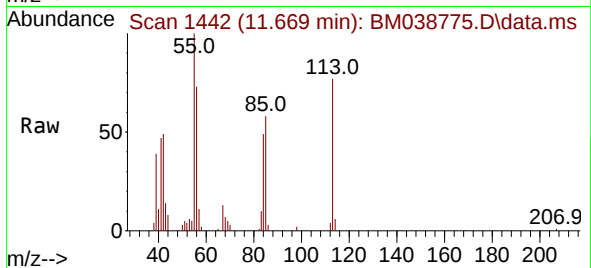
|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 91675 |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 63.8    | 51.0 76.4   |
| 227 66.3    | 49.2 73.8   |





#35  
Caprolactam  
Concen: 37.443 ng  
RT: 11.669 min Scan# 1442  
Delta R.T. -0.047 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

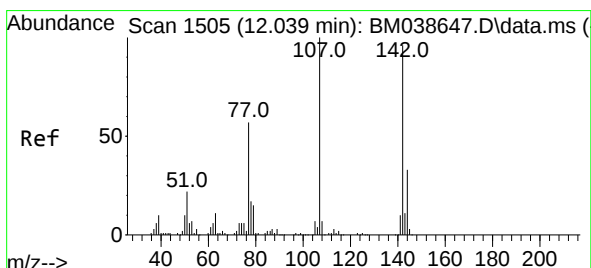
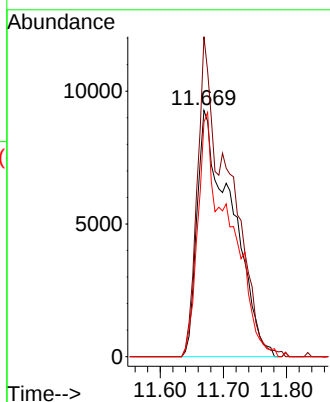
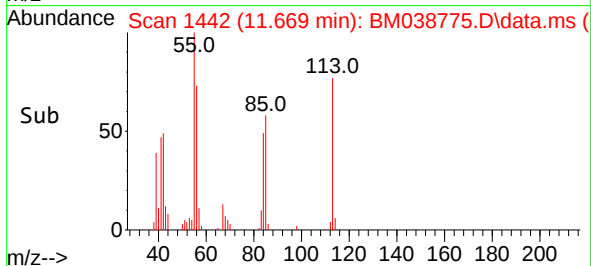
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



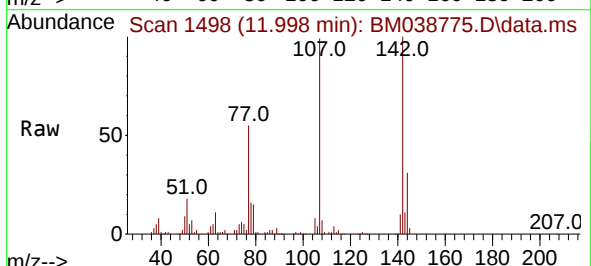
Tgt Ion:113 Resp: 3522  
Ion Ratio Lower Upper  
113 100  
55 129.9 111.2 151.2  
56 95.3 82.0 122.0

Manual Integrations  
APPROVED

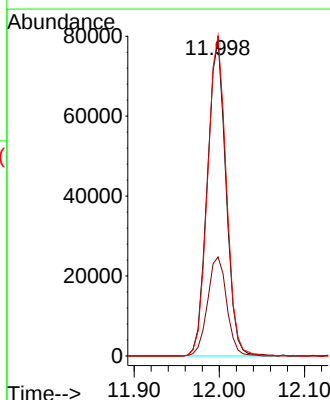
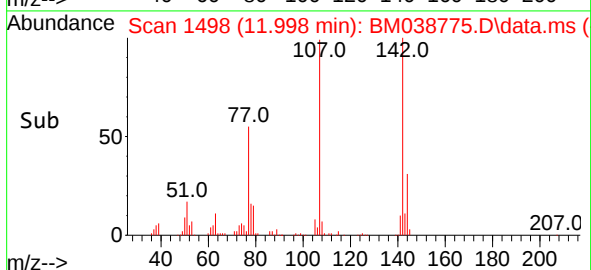
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

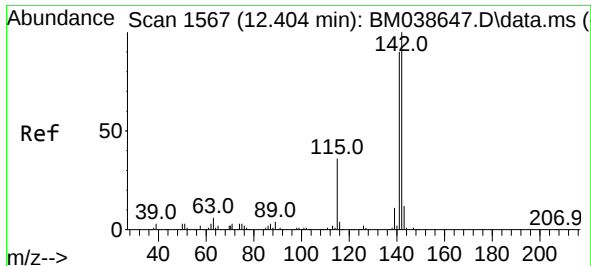


#36  
4-Chloro-3-methylphenol  
Concen: 37.250 ng  
RT: 11.998 min Scan# 1498  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



Tgt Ion:107 Resp: 120309  
Ion Ratio Lower Upper  
107 100  
144 31.3 26.5 39.7  
142 101.0 77.0 115.6





#37

2-Methylnaphthalene

Concen: 36.960 ng

RT: 12.351 min Scan# 1

Delta R.T. -0.035 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

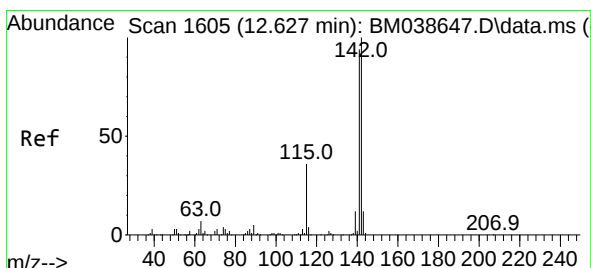
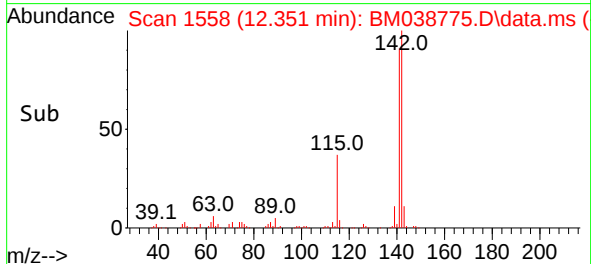
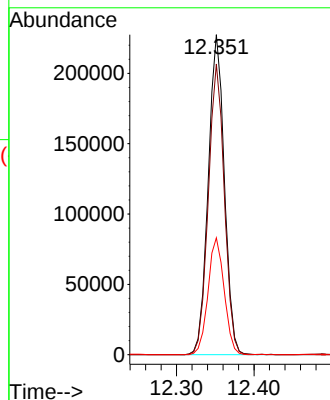
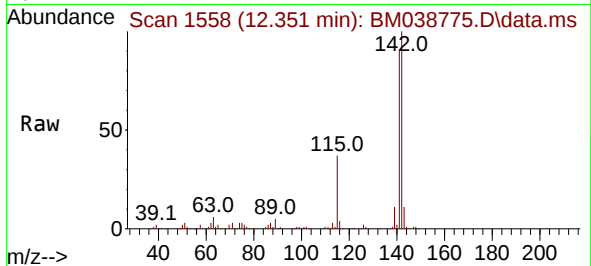
PB150858BS

Tgt Ion:142 Resp: 328450  
 Ion Ratio Lower Upper  
 142 100  
 141 90.8 71.8 107.8  
 115 36.5 28.7 43.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023  
 Supervised By :mohammad ahmed 02/20/2023



#38

1-Methylnaphthalene

Concen: 36.465 ng

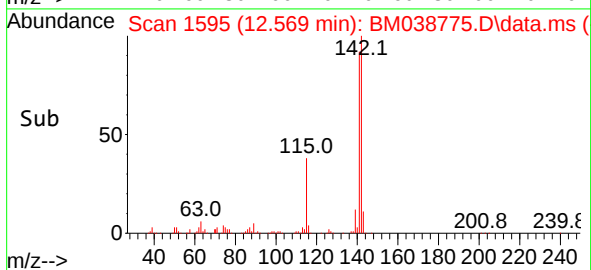
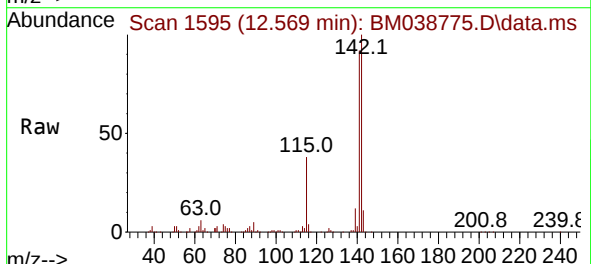
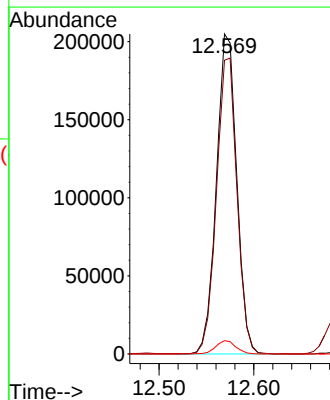
RT: 12.569 min Scan# 1595

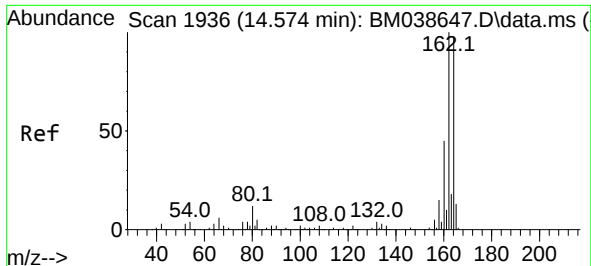
Delta R.T. -0.035 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

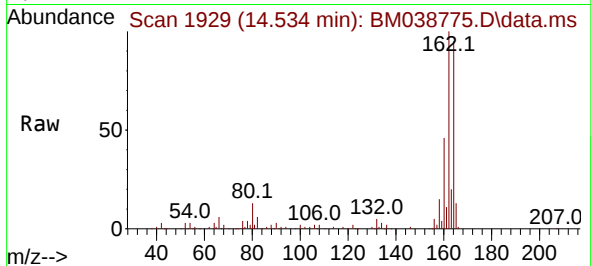
Tgt Ion:142 Resp: 305348  
 Ion Ratio Lower Upper  
 142 100  
 141 91.8 75.5 113.3  
 116 4.2 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1936  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

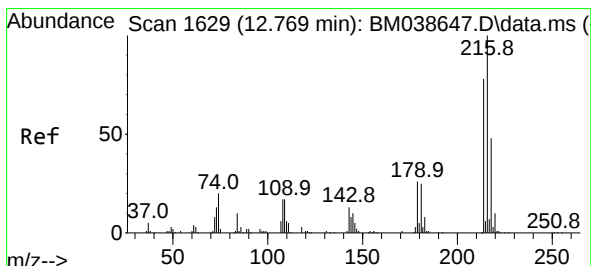
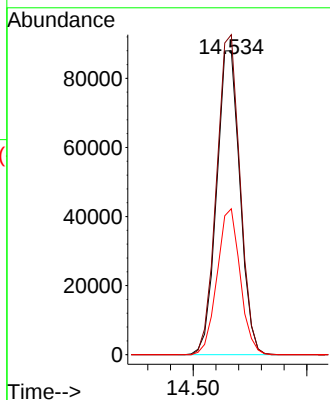
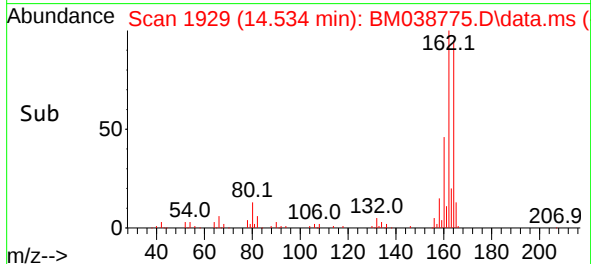
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



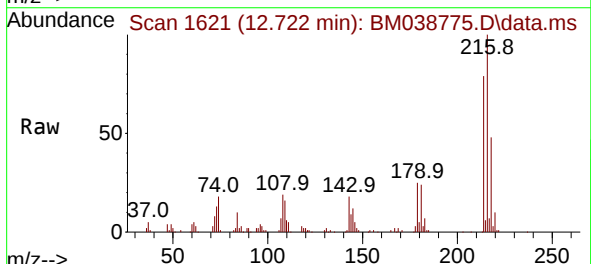
Tgt Ion:164 Resp: 125660  
Ion Ratio Lower Upper  
164 100  
162 105.3 81.4 122.0  
160 48.0 36.5 54.7

Manual Integrations  
APPROVED

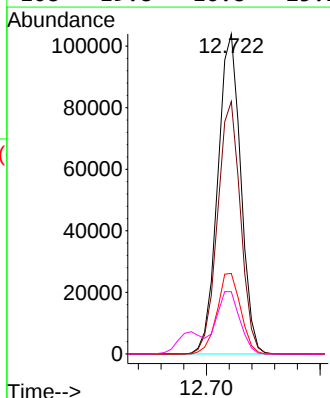
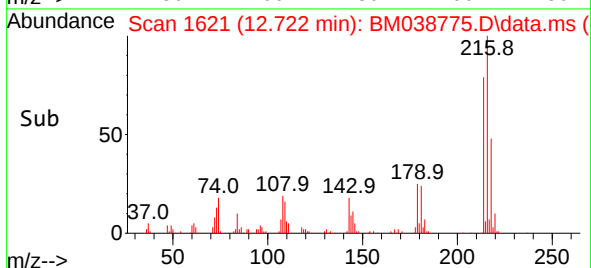
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

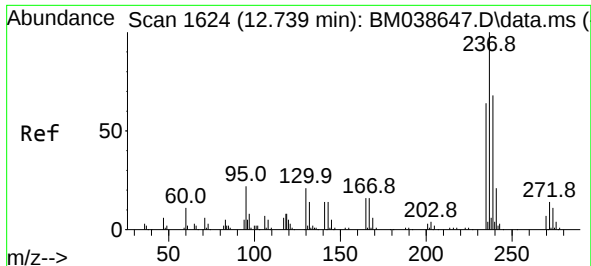


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.687 ng  
RT: 12.722 min Scan# 1621  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



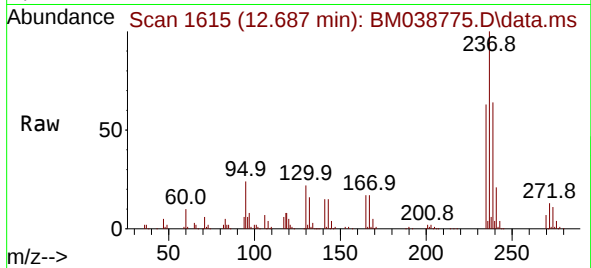
Tgt Ion:216 Resp: 146143  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.4 95.0  
179 25.9 21.0 31.4  
108 19.8 16.8 25.2





#41  
Hexachlorocyclopentadiene  
Concen: 113.803 ng  
RT: 12.687 min Scan# 1  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

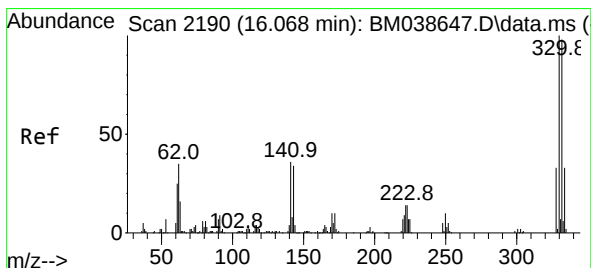
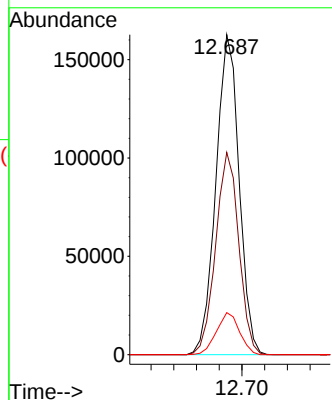
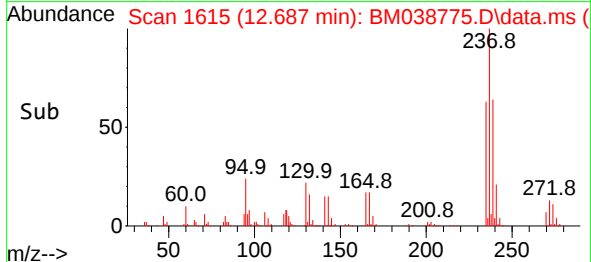
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



Tgt Ion:237 Resp: 23094  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.8 83.8  
272 13.2 0.0 33.8

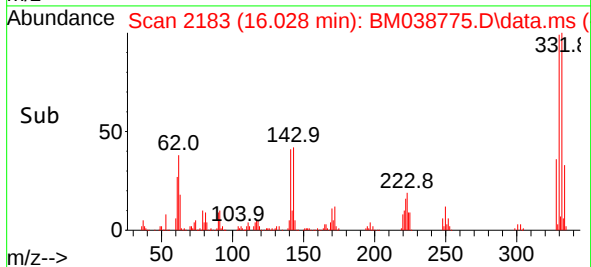
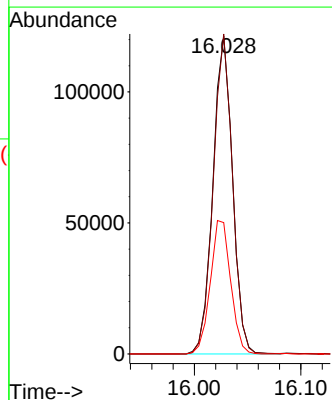
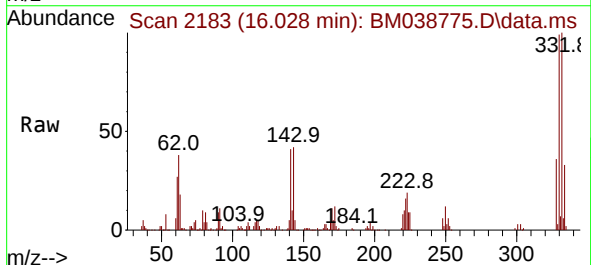
Manual Integrations  
APPROVED

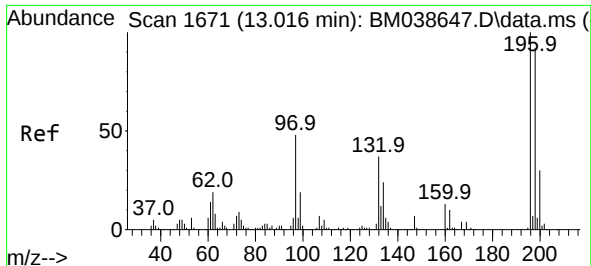
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#42  
2,4,6-Tribromophenol  
Concen: 90.665 ng  
RT: 16.028 min Scan# 2183  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:330 Resp: 154855  
Ion Ratio Lower Upper  
330 100  
332 98.7 77.8 116.6  
141 43.7 31.0 46.6





#43  
2,4,6-Trichlorophenol  
Concen: 40.807 ng  
RT: 12.969 min Scan# 1663  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

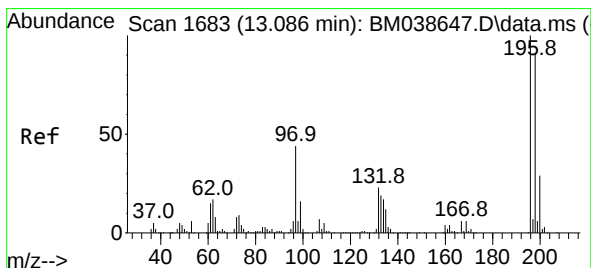
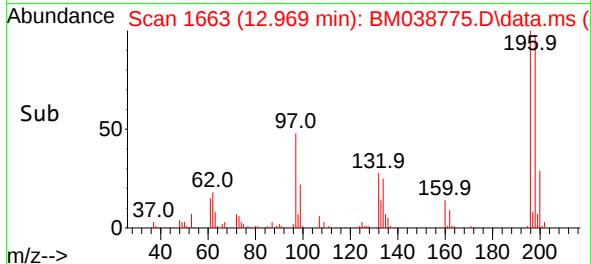
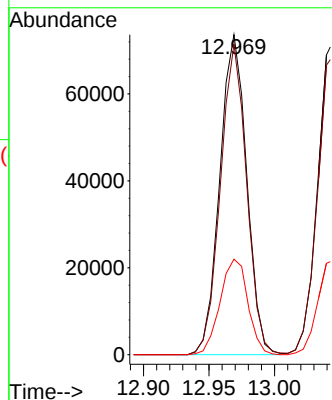
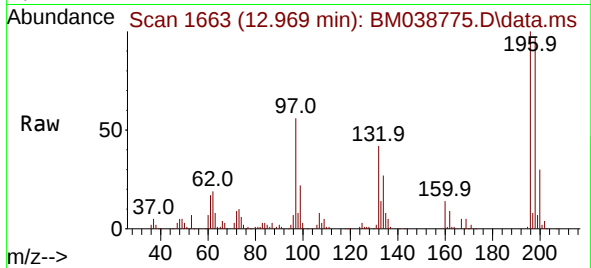
ClientSampleId :

PB150858BS

Tgt Ion:196 Resp: 10484  
Ion Ratio Lower Upper  
196 100  
198 97.1 73.7 110.5  
200 29.8 24.3 36.5

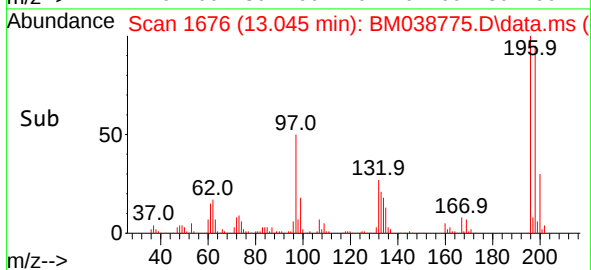
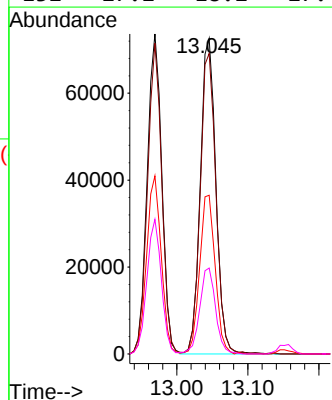
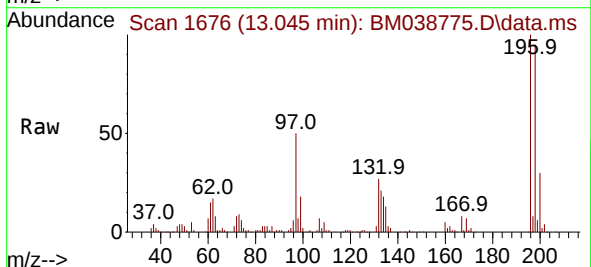
Manual Integrations  
APPROVED

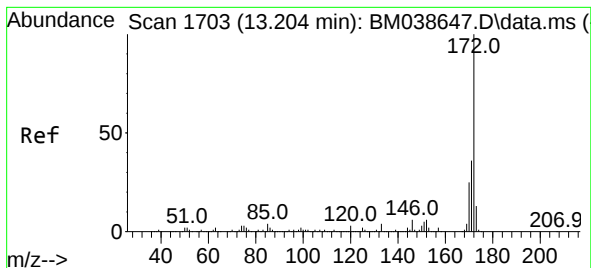
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#44  
2,4,5-Trichlorophenol  
Concen: 36.736 ng  
RT: 13.045 min Scan# 1676  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:196 Resp: 111067  
Ion Ratio Lower Upper  
196 100  
198 95.2 73.1 109.7  
97 50.3 35.5 53.3  
132 27.2 18.2 27.4





#45

2-Fluorobiphenyl

Concen: 63.600 ng

RT: 13.151 min Scan# 1

Delta R.T. -0.035 min

Lab File: BM038775.D

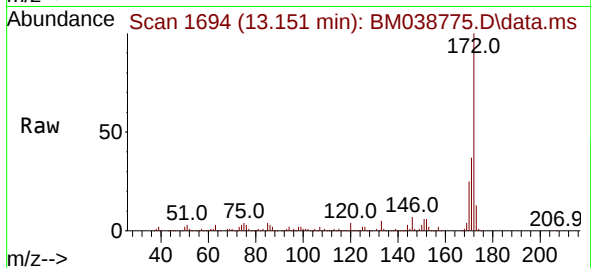
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS



Tgt Ion:172 Resp: 627758

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

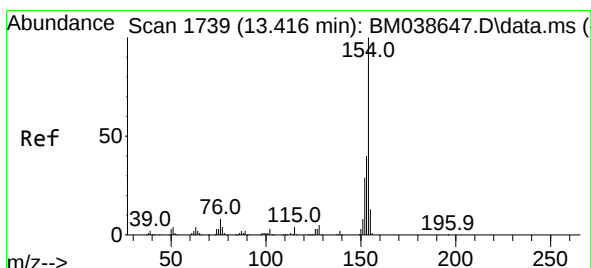
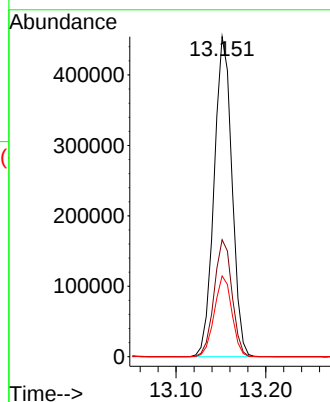
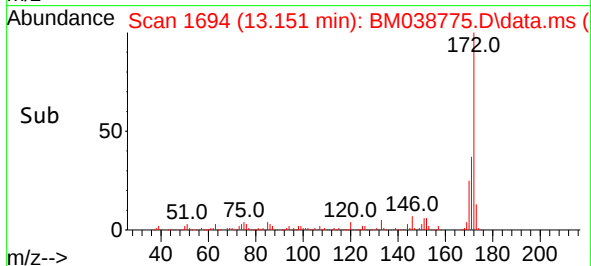
170 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#46

1,1'-Biphenyl

Concen: 43.817 ng

RT: 13.363 min Scan# 1730

Delta R.T. -0.035 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

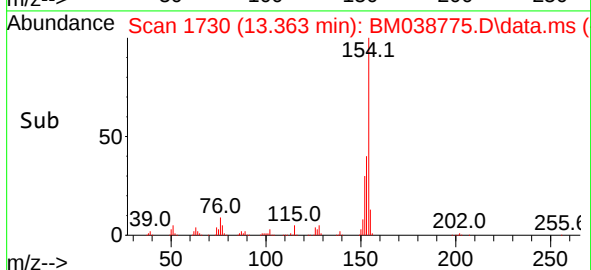
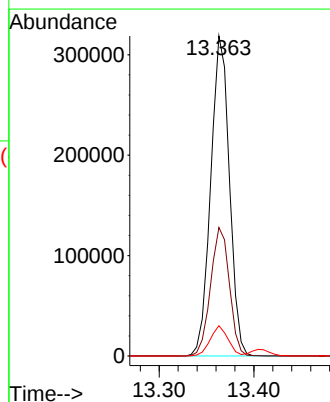
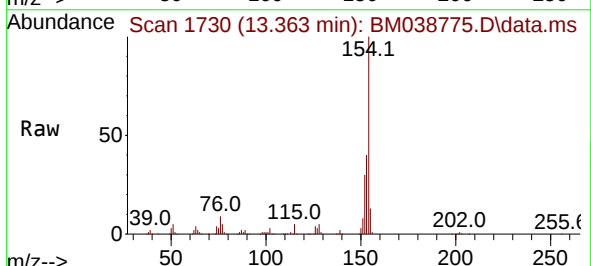
Tgt Ion:154 Resp: 436159

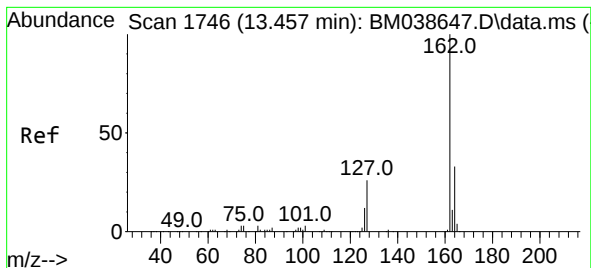
Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

76 9.5 0.0 27.9





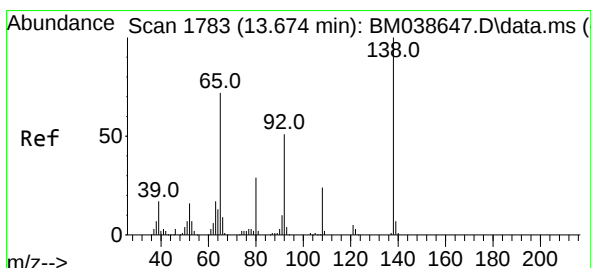
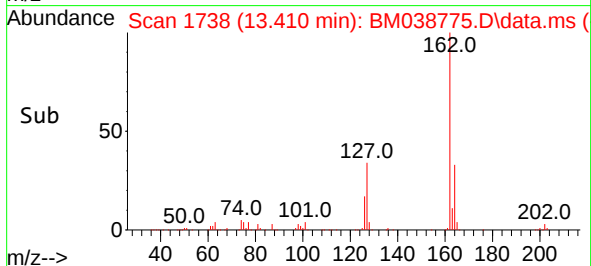
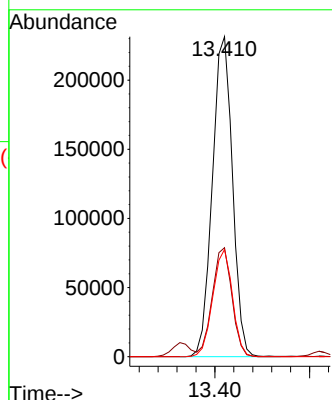
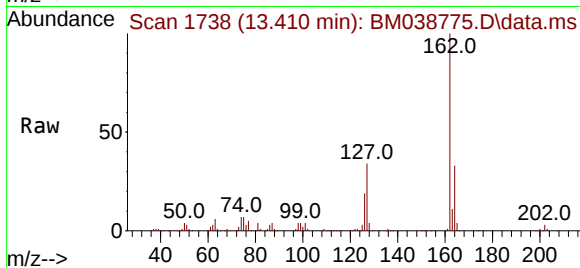
#47  
2-Chloronaphthalene  
Concen: 43.531 ng  
RT: 13.410 min Scan# 11  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS

Tgt Ion:162 Resp: 34096  
Ion Ratio Lower Upper  
162 100  
127 34.0 23.6 35.4  
164 33.5 26.7 40.1

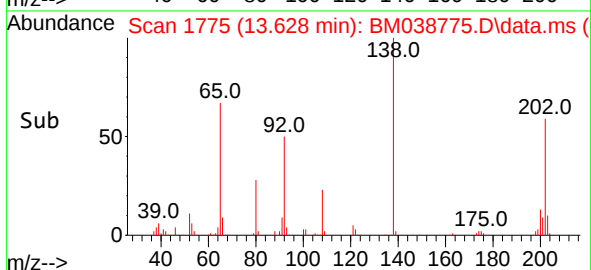
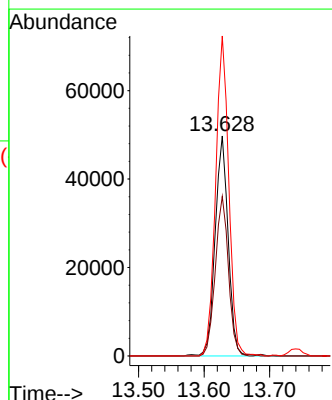
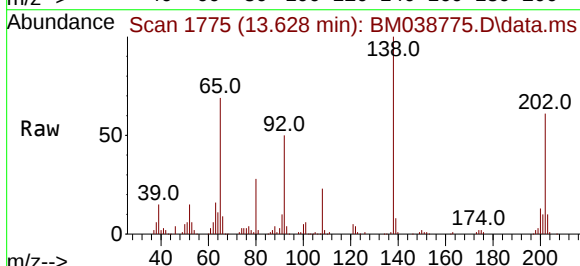
Manual Integrations  
APPROVED

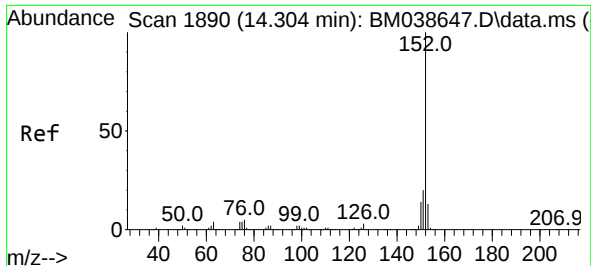
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#48  
2-Nitroaniline  
Concen: 39.294 ng  
RT: 13.628 min Scan# 1775  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

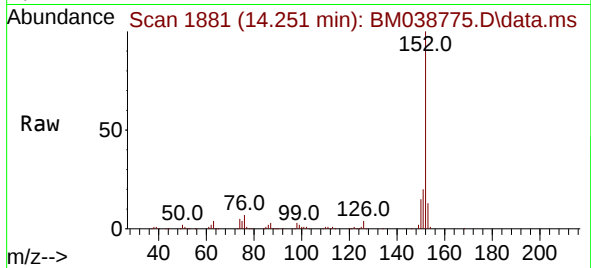
Tgt Ion: 65 Resp: 68731  
Ion Ratio Lower Upper  
65 100  
92 72.5 55.9 83.9  
138 145.4 110.6 166.0





#49  
Acenaphthylene  
Concen: 42.367 ng  
RT: 14.251 min Scan# 1881  
Delta R.T. -0.035 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

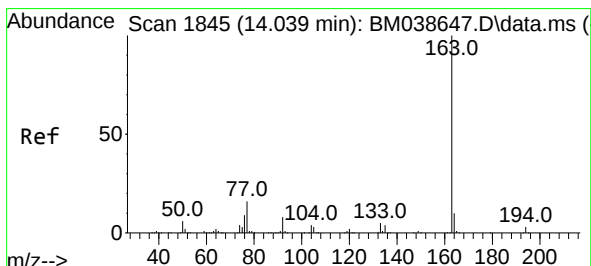
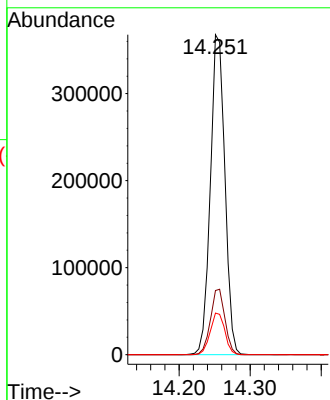
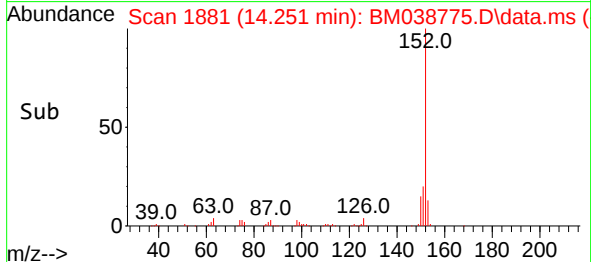
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



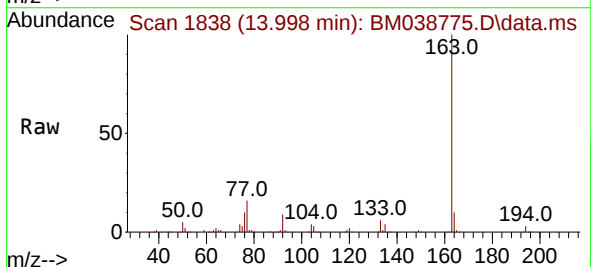
Tgt Ion:152 Resp: 522689  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.1 24.1  
153 13.0 10.0 15.0

Manual Integrations  
APPROVED

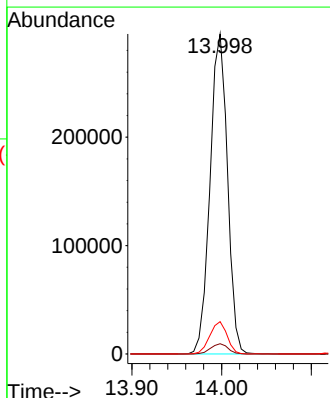
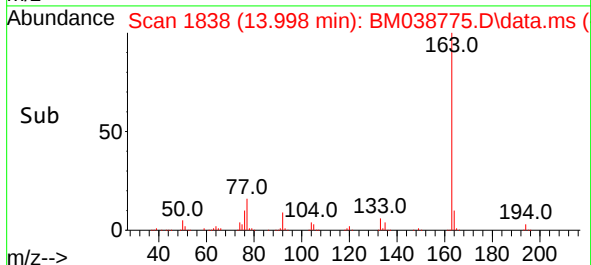
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

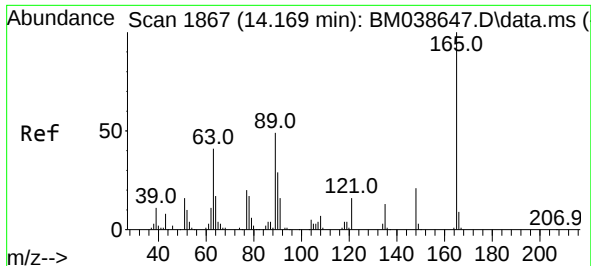


#50  
Dimethylphthalate  
Concen: 38.807 ng  
RT: 13.998 min Scan# 1838  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



Tgt Ion:163 Resp: 397948  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.6 4.0  
164 10.1 8.2 12.4





#51  
2,6-Dinitrotoluene  
Concen: 39.820 ng  
RT: 14.128 min Scan# 11  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

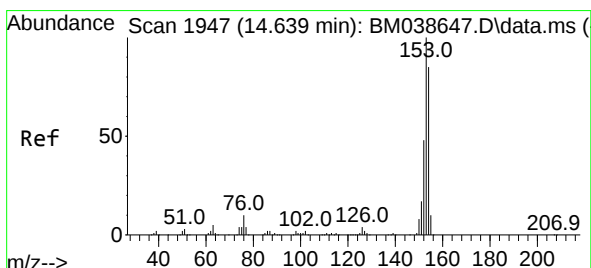
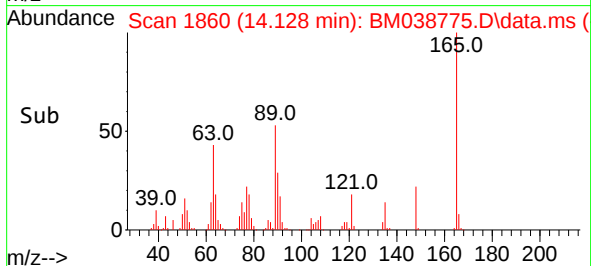
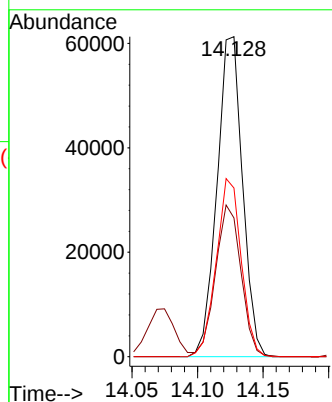
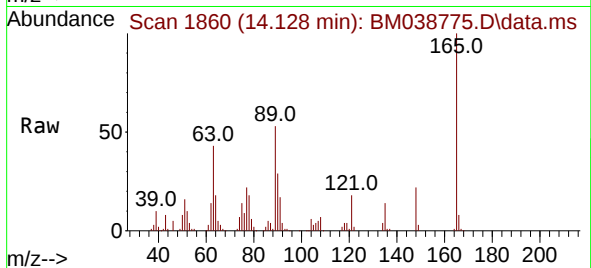
PB150858BS

Tgt Ion:165 Resp: 8299  
Ion Ratio Lower Upper  
165 100  
63 43.3 35.8 53.8  
89 52.7 39.3 58.9

Manual Integrations

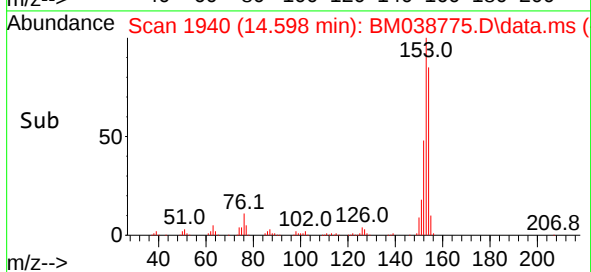
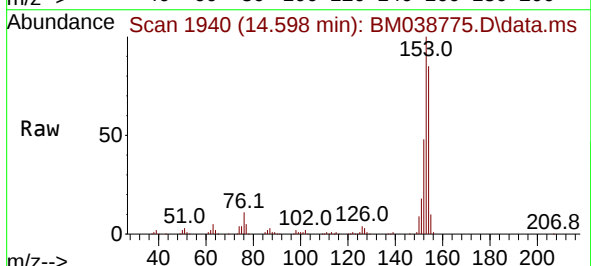
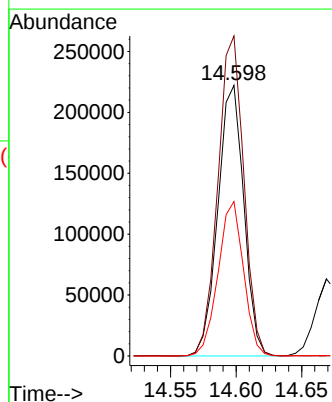
APPROVED

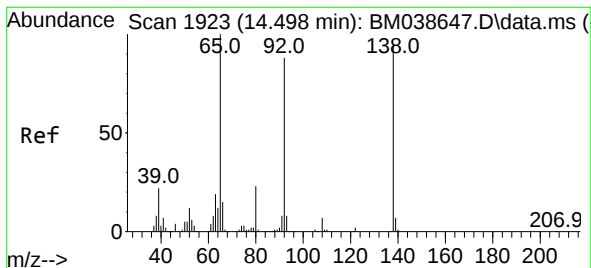
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#52  
Acenaphthene  
Concen: 41.493 ng  
RT: 14.598 min Scan# 1940  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

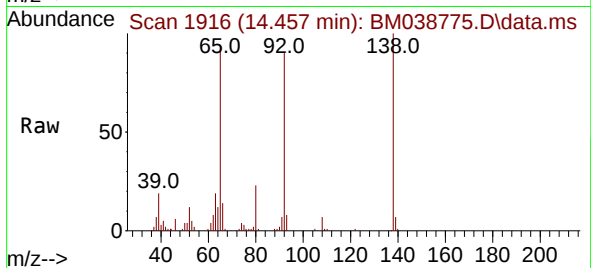
Tgt Ion:154 Resp: 305659  
Ion Ratio Lower Upper  
154 100  
153 118.3 93.7 140.5  
152 57.1 44.6 67.0





#53  
3-Nitroaniline  
Concen: 27.230 ng  
RT: 14.457 min Scan# 1916  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

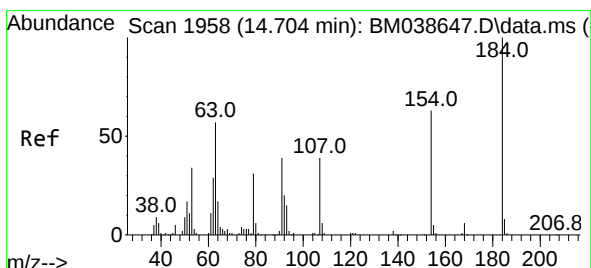
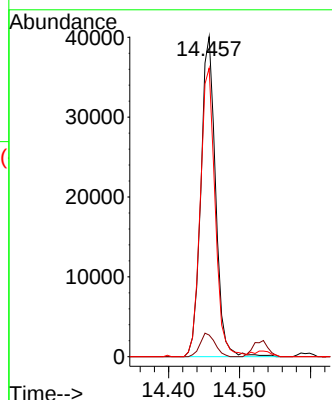
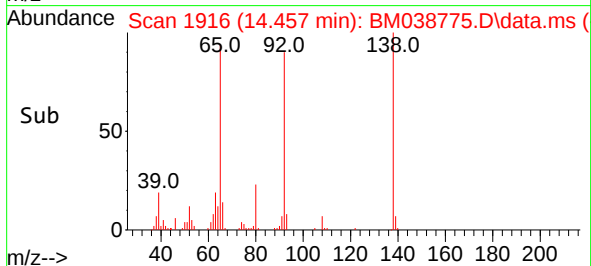
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



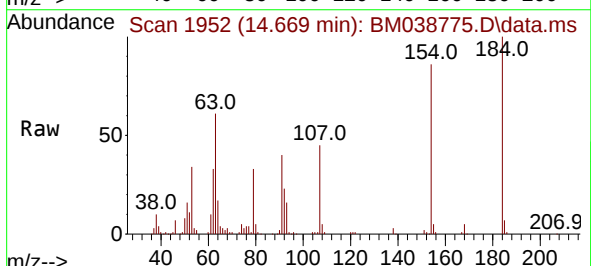
Tgt Ion:138 Resp: 5780  
Ion Ratio Lower Upper  
138 100  
108 6.7 5.8 8.8  
92 90.2 73.9 110.9

Manual Integrations  
APPROVED

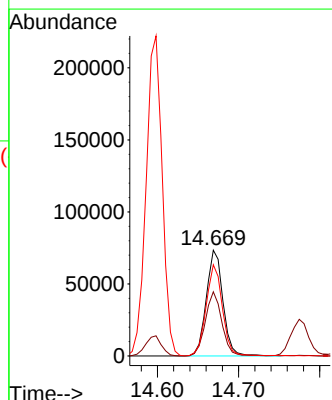
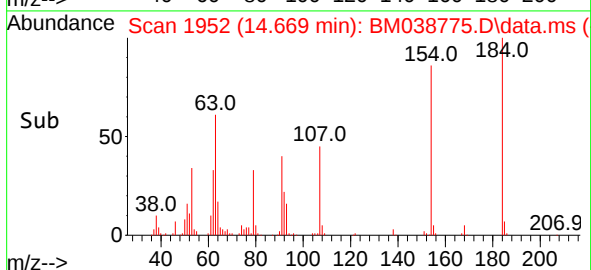
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

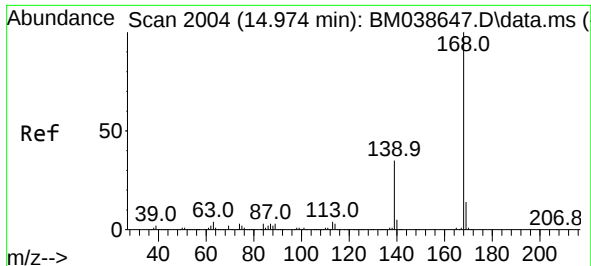


#54  
2,4-Dinitrophenol  
Concen: 76.882 ng  
RT: 14.669 min Scan# 1952  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



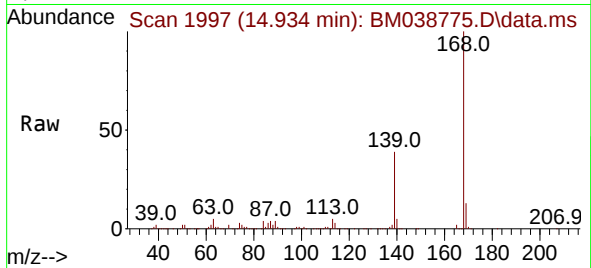
Tgt Ion:184 Resp: 104298  
Ion Ratio Lower Upper  
184 100  
63 60.7 45.9 68.9  
154 86.2 54.9 82.3#





#55  
Dibenzofuran  
Concen: 38.131 ng  
RT: 14.934 min Scan# 1997  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

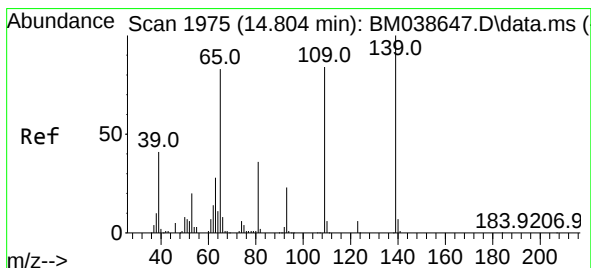
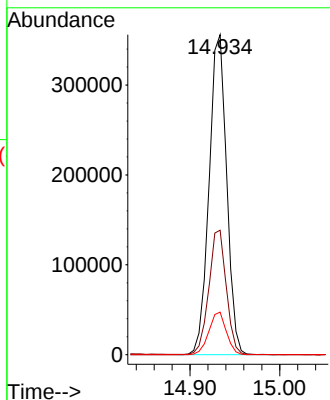
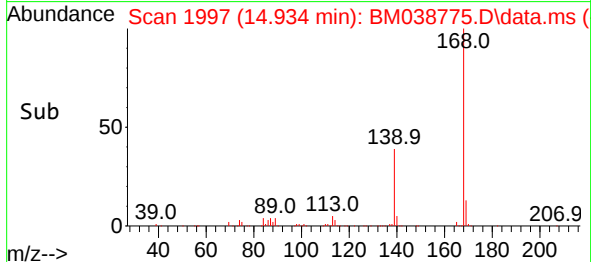
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



Tgt Ion:168 Resp: 48370  
Ion Ratio Lower Upper  
168 100  
139 38.9 27.8 41.6  
169 13.3 10.9 16.3

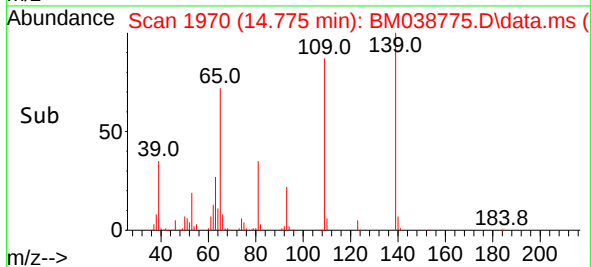
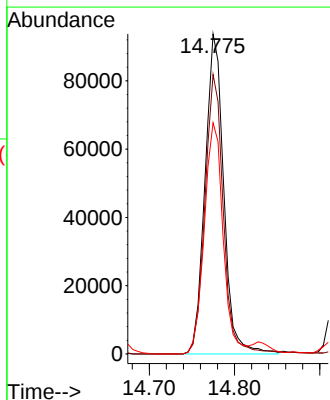
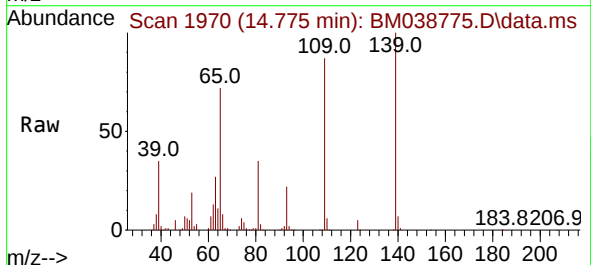
Manual Integrations  
APPROVED

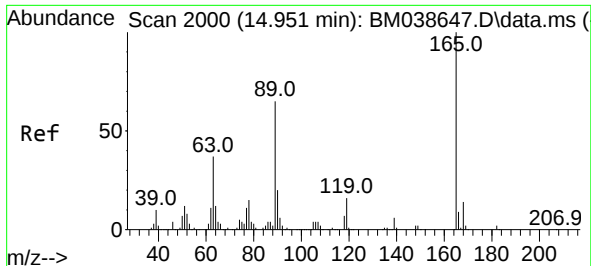
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#56  
4-Nitrophenol  
Concen: 85.630 ng  
RT: 14.775 min Scan# 1970  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:139 Resp: 143136  
Ion Ratio Lower Upper  
139 100  
109 87.4 63.8 103.8  
65 72.3 62.5 102.5





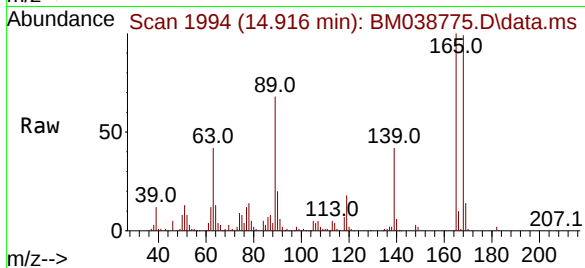
#57  
2,4-Dinitrotoluene  
Concen: 37.158 ng  
RT: 14.916 min Scan# 11  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS

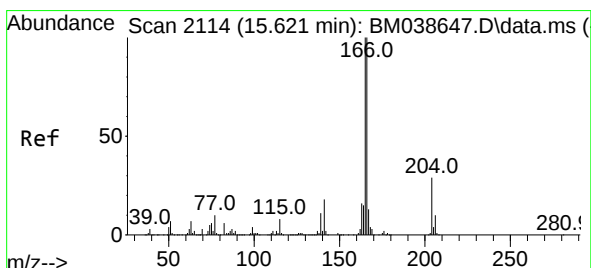
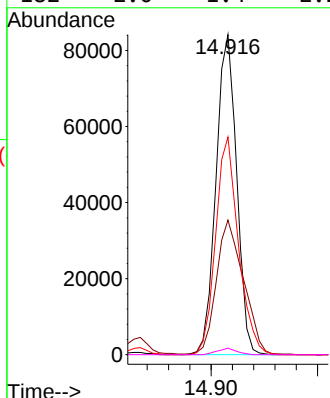
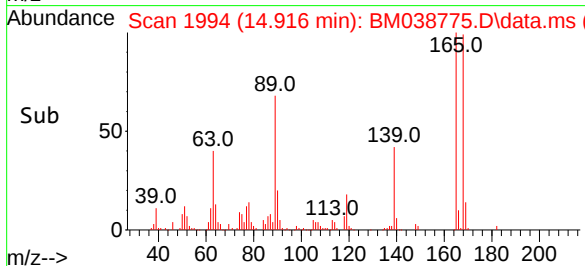


Tgt Ion:165 Resp: 11310  
Ion Ratio Lower Upper  
165 100  
63 42.1 29.4 44.0  
89 68.0 51.8 77.6  
182 2.0 1.4 2.2

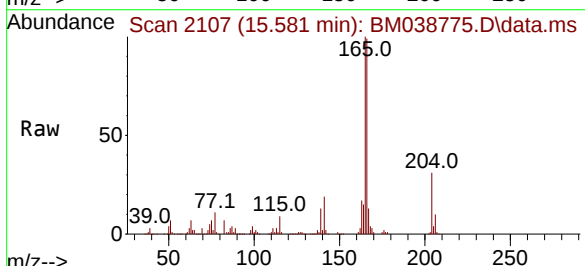
Manual Integrations

APPROVED

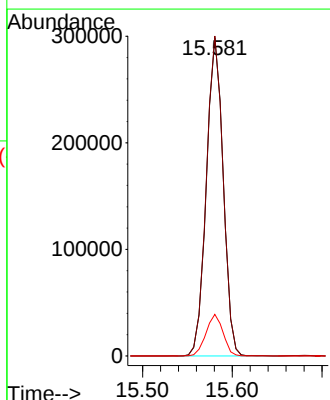
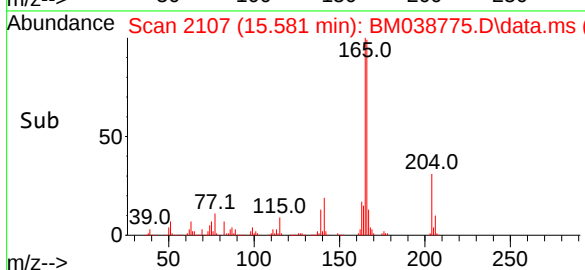
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

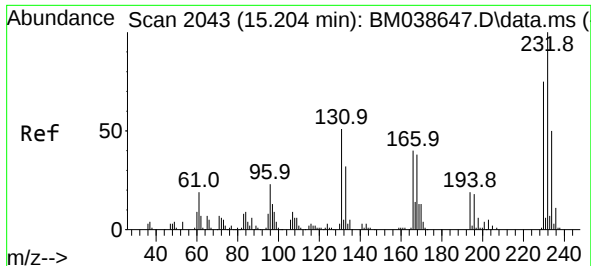


#58  
Fluorene  
Concen: 38.676 ng  
RT: 15.581 min Scan# 2107  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



Tgt Ion:166 Resp: 388195  
Ion Ratio Lower Upper  
166 100  
165 100.5 80.2 120.4  
167 13.1 10.7 16.1





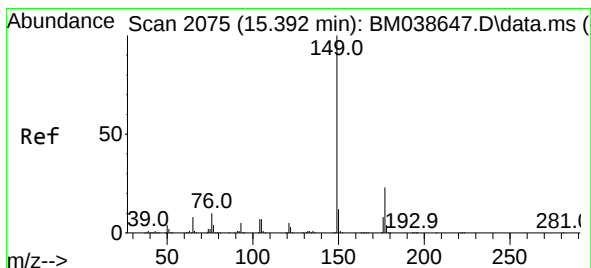
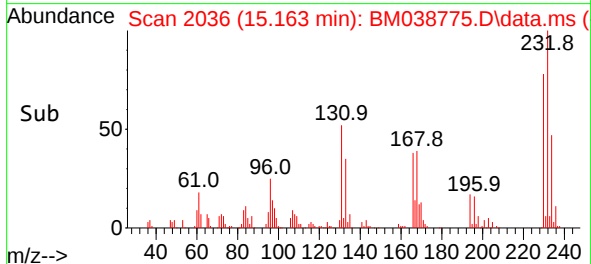
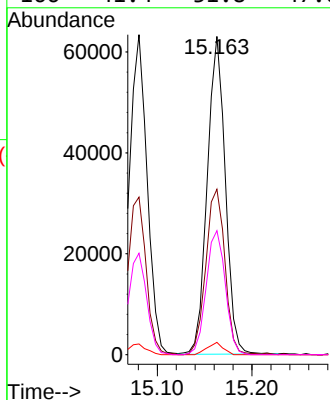
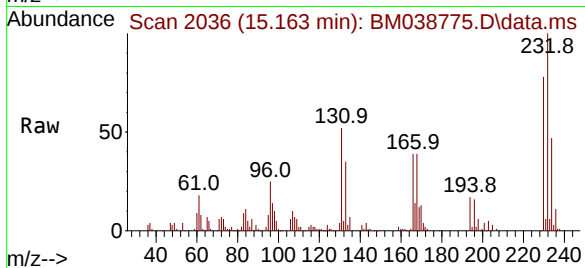
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.473 ng  
RT: 15.163 min Scan# 2043  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS

Tgt Ion:232 Resp: 83062  
Ion Ratio Lower Upper  
232 100  
131 55.4 41.2 61.8  
130 3.4 2.4 3.6  
166 41.4 31.8 47.6

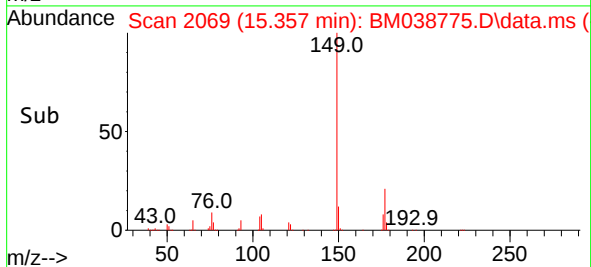
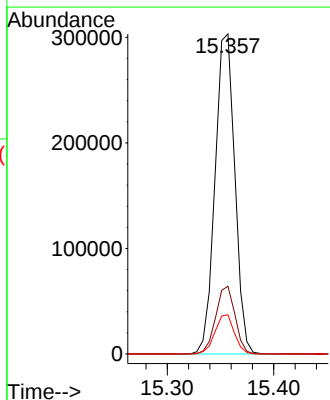
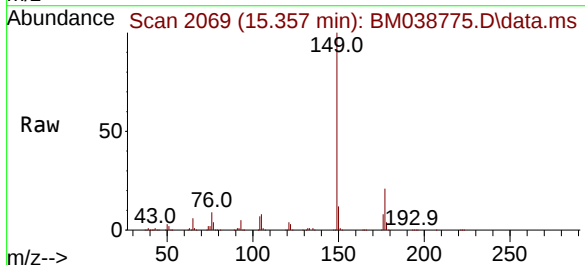
Manual Integrations  
APPROVED

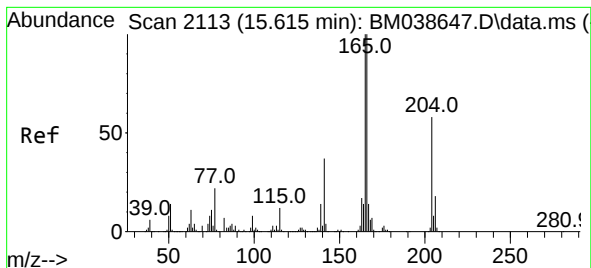
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#60  
Diethylphthalate  
Concen: 40.230 ng  
RT: 15.357 min Scan# 2069  
Delta R.T. -0.023 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

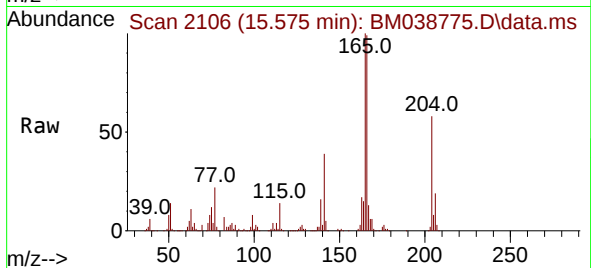
Tgt Ion:149 Resp: 390823  
Ion Ratio Lower Upper  
149 100  
177 21.2 18.1 27.1  
150 12.3 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 39.599 ng  
RT: 15.575 min Scan# 2113  
Delta R.T. -0.023 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

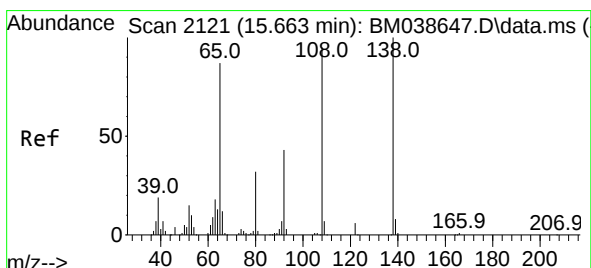
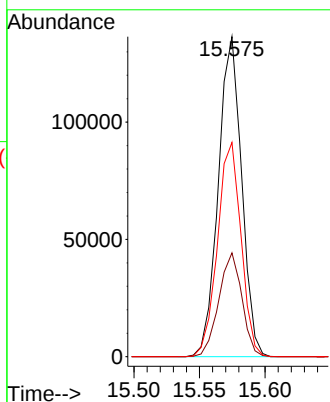
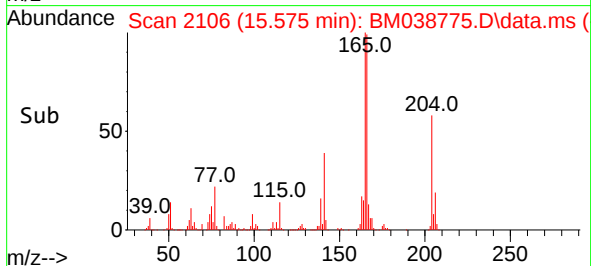
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



Tgt Ion:204 Resp: 16861  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.3 37.9  
141 66.9 51.3 76.9

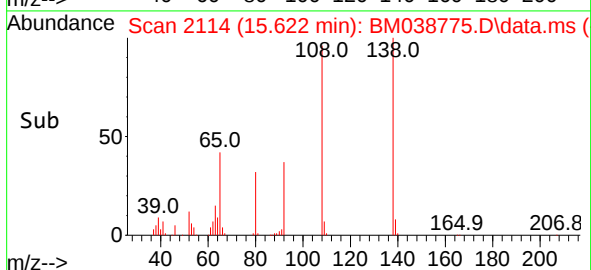
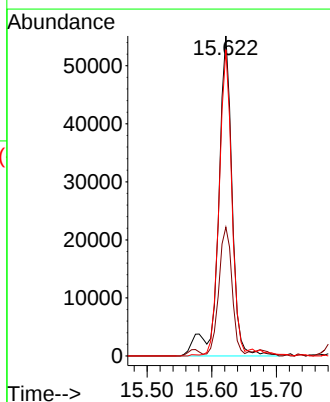
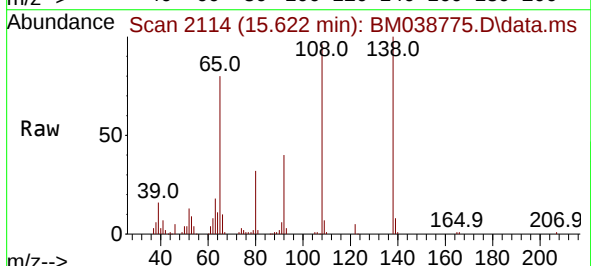
Manual Integrations  
APPROVED

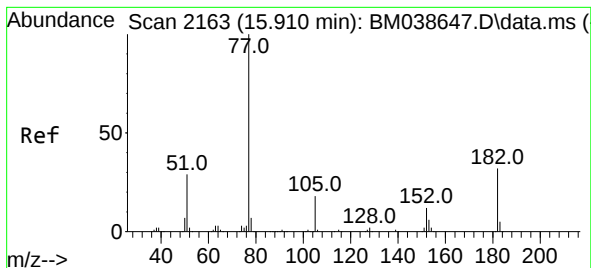
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#62  
4-Nitroaniline  
Concen: 36.595 ng m  
RT: 15.622 min Scan# 2114  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:138 Resp: 80919  
Ion Ratio Lower Upper  
138 100  
92 40.3 23.4 63.4  
108 95.7 75.1 115.1





#63

Azobenzene

Concen: 41.982 ng

RT: 15.869 min Scan# 2163

Delta R.T. -0.023 min

Lab File: BM038775.D

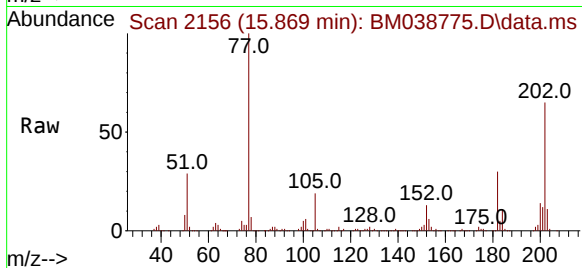
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS



Tgt Ion: 77 Resp: 31378

Ion Ratio Lower Upper

77 100

182 29.7 12.0 52.0

105 18.8 0.0 37.5

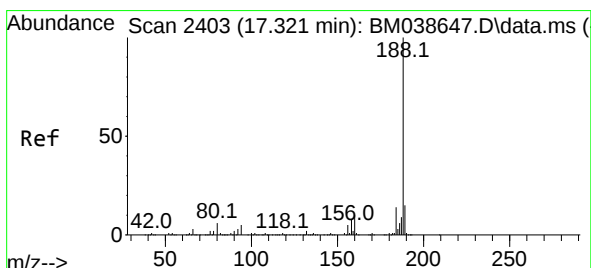
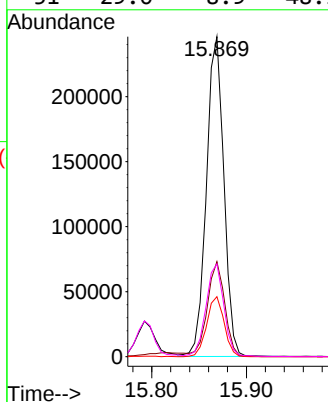
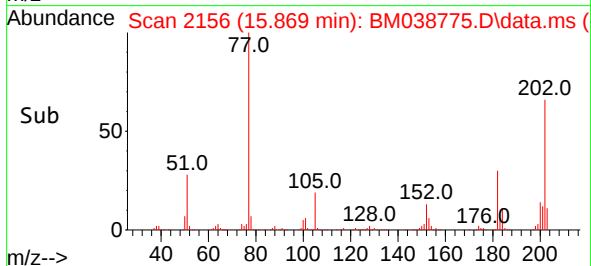
51 29.0 8.9 48.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 2396

Delta R.T. -0.023 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

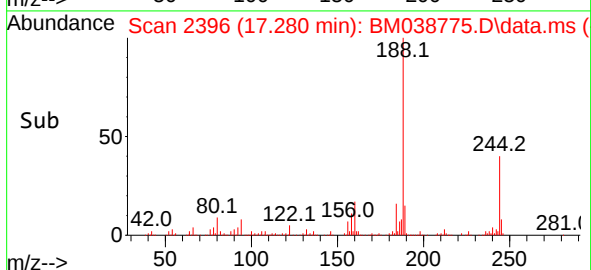
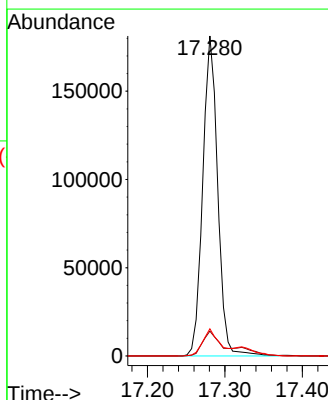
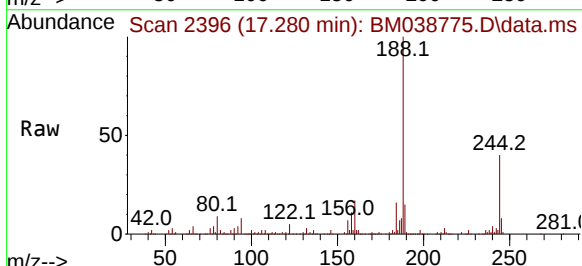
Tgt Ion:188 Resp: 243081

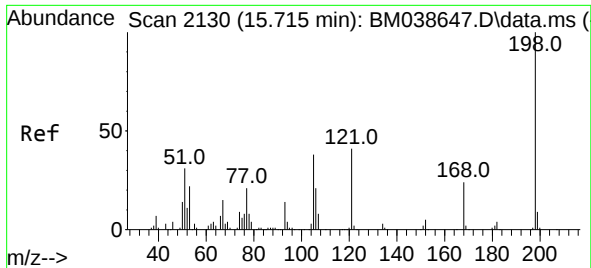
Ion Ratio Lower Upper

188 100

94 7.8 4.2 6.4#

80 8.5 4.6 7.0#





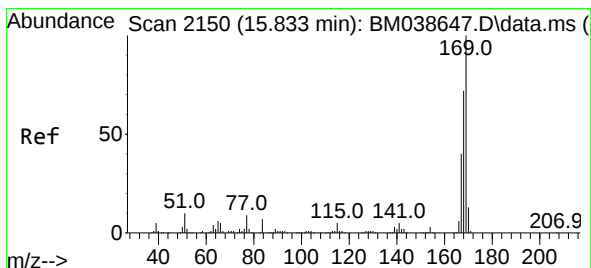
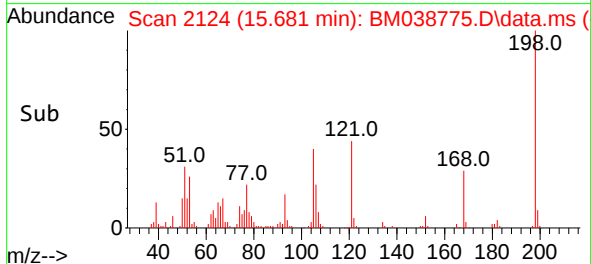
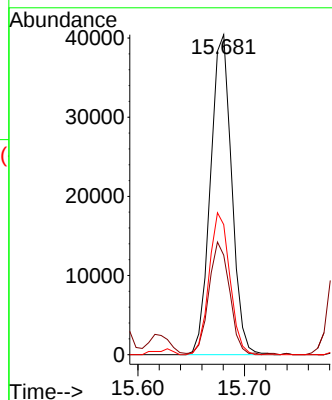
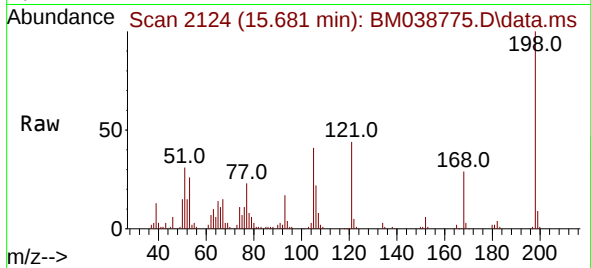
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.435 ng  
RT: 15.681 min Scan# 2113  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS

Tgt Ion:198 Resp: 55754  
Ion Ratio Lower Upper  
198 100  
51 31.1 13.0 53.0  
105 40.6 17.9 57.9

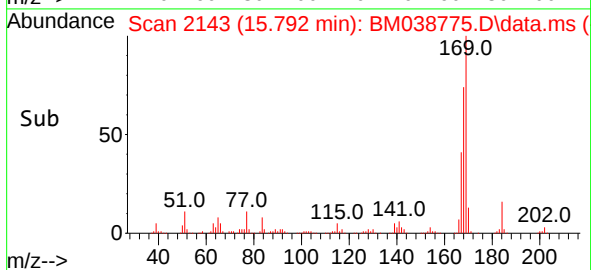
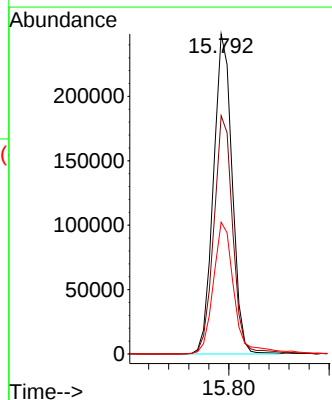
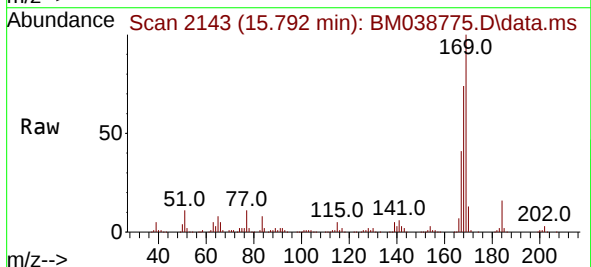
Manual Integrations  
APPROVED

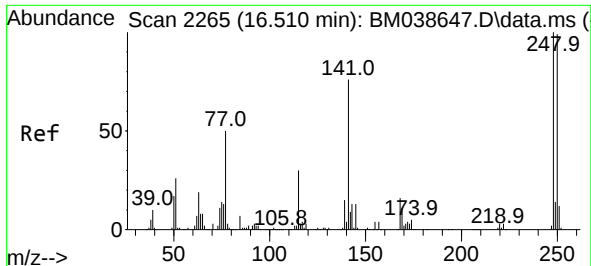
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#66  
n-Nitrosodiphenylamine  
Concen: 40.468 ng  
RT: 15.792 min Scan# 2143  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:169 Resp: 321192  
Ion Ratio Lower Upper  
169 100  
168 74.4 57.6 86.4  
167 41.2 32.3 48.5





#67  
4-Bromophenyl-phenylether  
Concen: 41.744 ng  
RT: 16.469 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

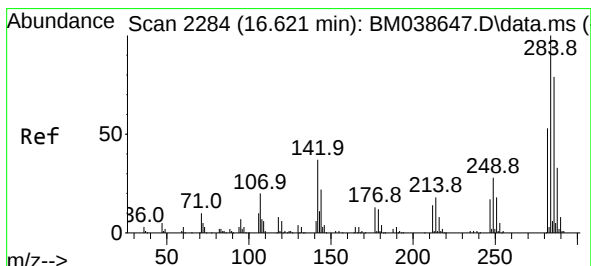
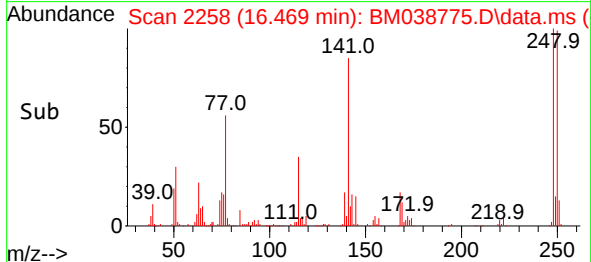
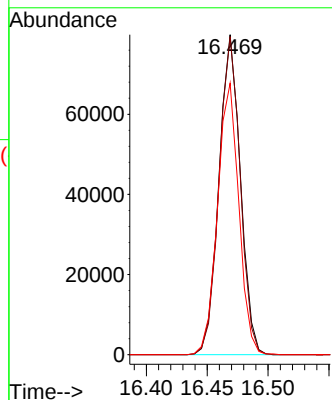
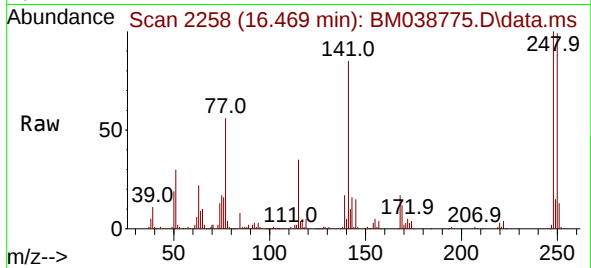
PB150858BS

Tgt Ion:248 Resp: 9797  
Ion Ratio Lower Upper  
248 100  
250 99.4 79.4 119.2  
141 84.9 61.0 91.6

Manual Integrations

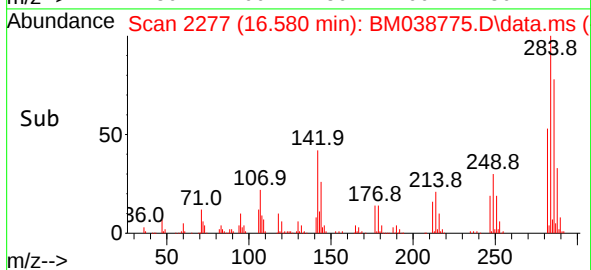
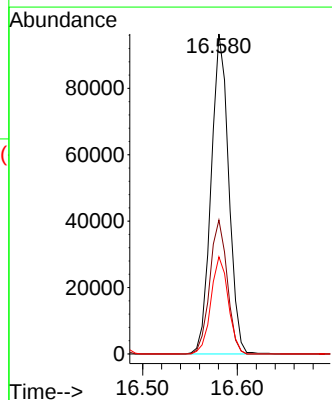
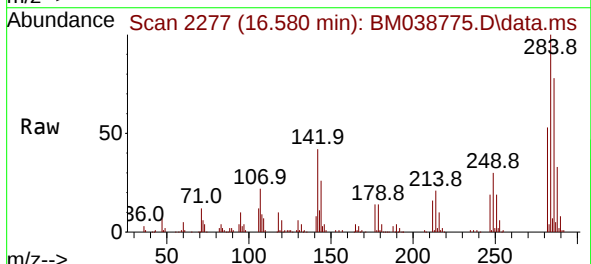
APPROVED

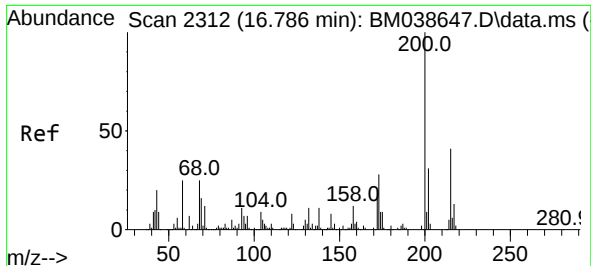
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#68  
Hexachlorobenzene  
Concen: 43.173 ng  
RT: 16.580 min Scan# 2277  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

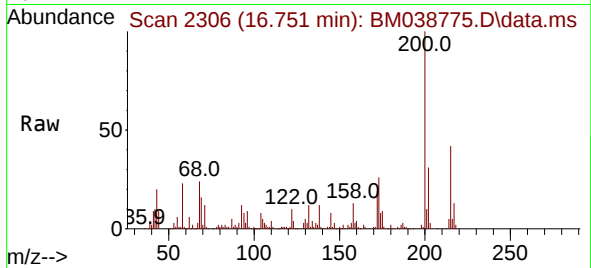
Tgt Ion:284 Resp: 123840  
Ion Ratio Lower Upper  
284 100  
142 41.9 29.8 44.6  
249 30.3 22.2 33.4





#69  
 Atrazine  
 Concen: 43.518 ng  
 RT: 16.751 min Scan# 21  
 Delta R.T. -0.023 min  
 Lab File: BM038775.D  
 Acq: 17 Feb 2023 15:06

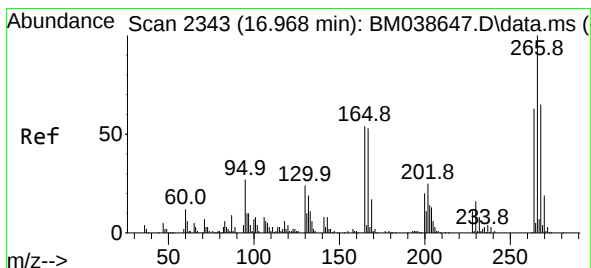
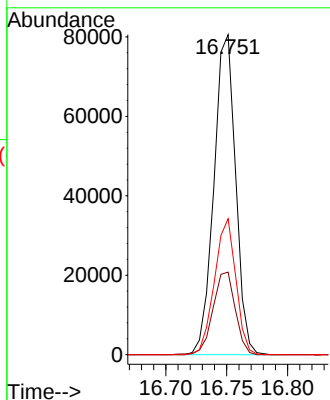
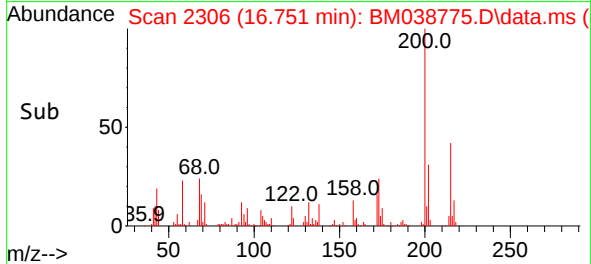
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150858BS



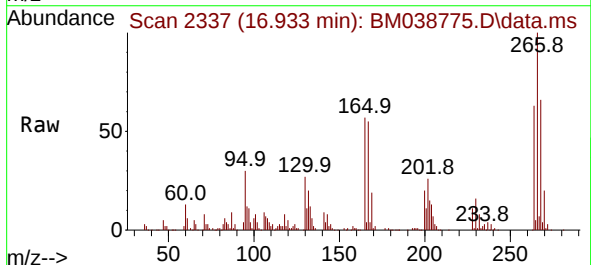
Tgt Ion:200 Resp: 100110  
 Ion Ratio Lower Upper  
 200 100  
 173 25.8 7.9 47.9  
 215 42.5 20.8 60.8

Manual Integrations  
 APPROVED

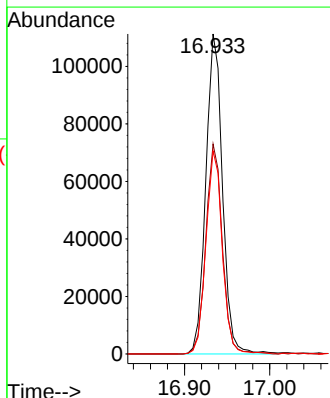
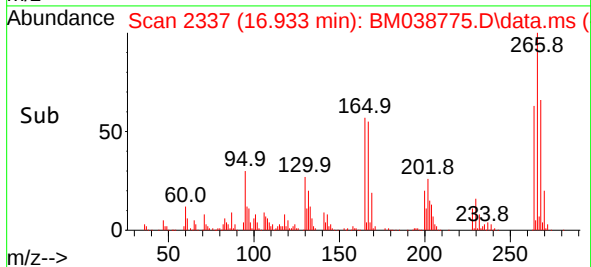
Reviewed By :Yogesh Patel 02/18/2023  
 Supervised By :mohammad ahmed 02/20/2023

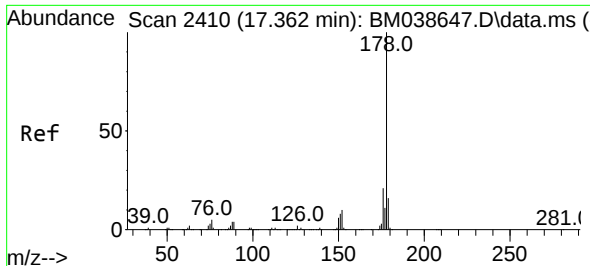


#70  
 Pentachlorophenol  
 Concen: 72.248 ng  
 RT: 16.933 min Scan# 2337  
 Delta R.T. -0.029 min  
 Lab File: BM038775.D  
 Acq: 17 Feb 2023 15:06



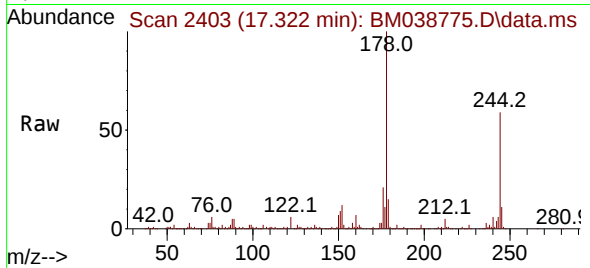
Tgt Ion:266 Resp: 151073  
 Ion Ratio Lower Upper  
 266 100  
 268 65.6 51.8 77.6  
 264 63.5 50.6 76.0





#71  
Phenanthrene  
Concen: 39.868 ng  
RT: 17.322 min Scan# 2410  
Delta R.T. -0.029 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

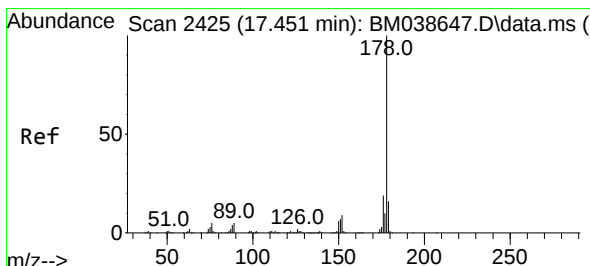
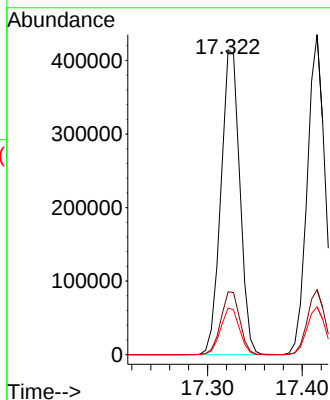
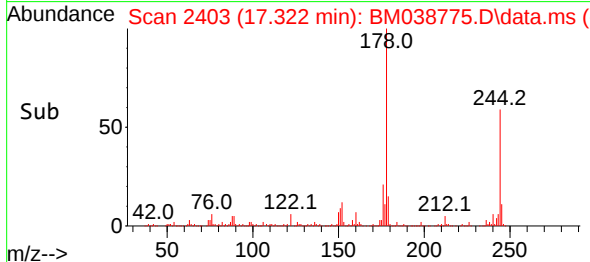
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



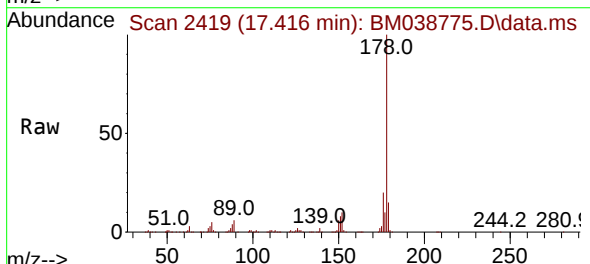
Tgt Ion:178 Resp: 57543  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.7 25.1  
179 15.3 12.5 18.7

Manual Integrations  
APPROVED

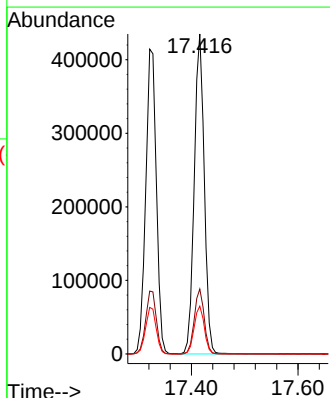
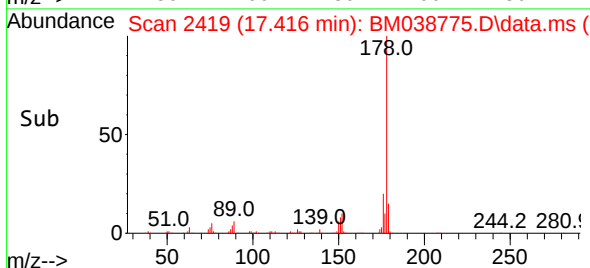
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

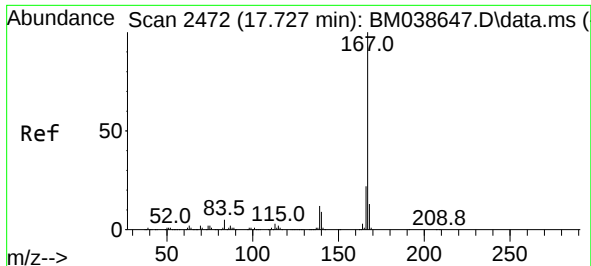


#72  
Anthracene  
Concen: 38.604 ng  
RT: 17.416 min Scan# 2419  
Delta R.T. -0.023 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



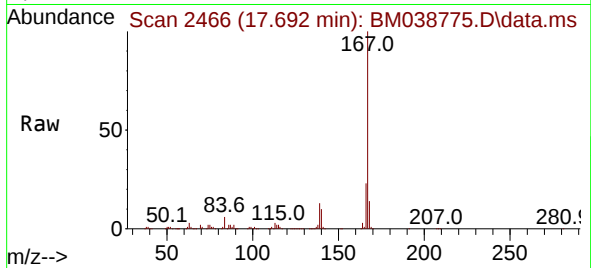
Tgt Ion:178 Resp: 570004  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.6 23.4  
179 15.0 12.4 18.6





#73  
 Carbazole  
 Concen: 38.051 ng  
 RT: 17.692 min Scan# 2472  
 Delta R.T. -0.029 min  
 Lab File: BM038775.D  
 Acq: 17 Feb 2023 15:06

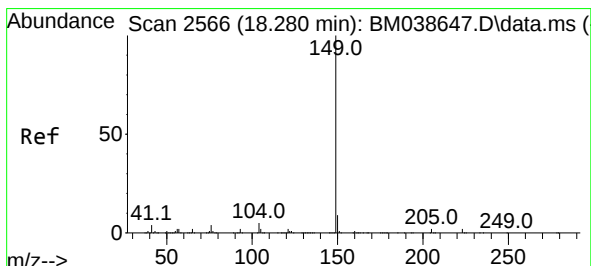
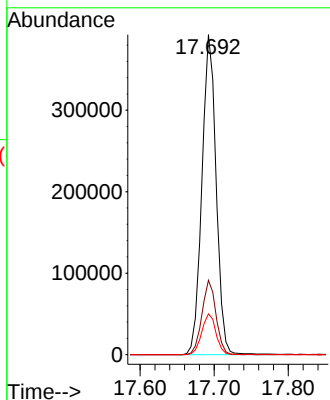
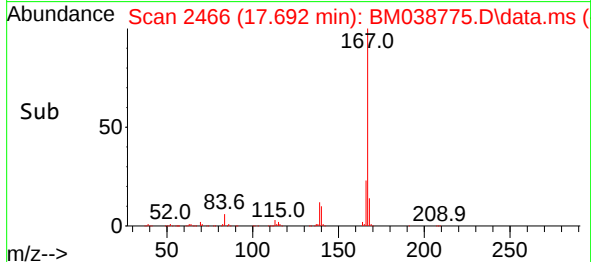
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150858BS



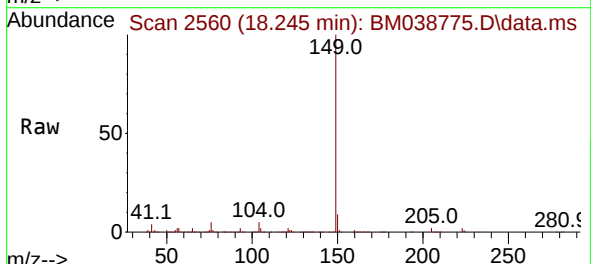
Tgt Ion:167 Resp: 524002  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 17.8 26.6  
 139 12.8 9.4 14.2

Manual Integrations  
 APPROVED

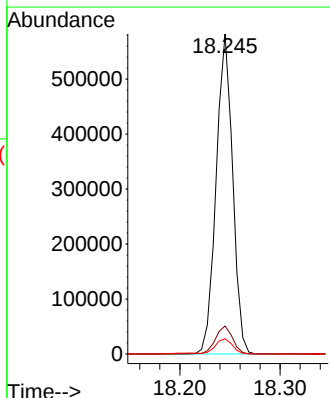
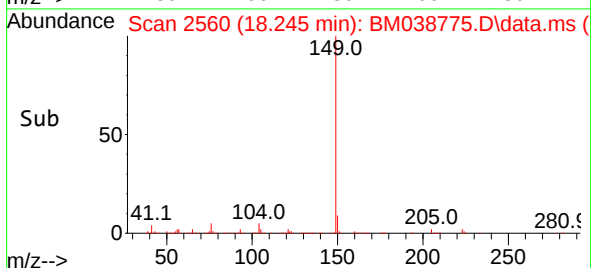
Reviewed By :Yogesh Patel 02/18/2023  
 Supervised By :mohammad ahmed 02/20/2023

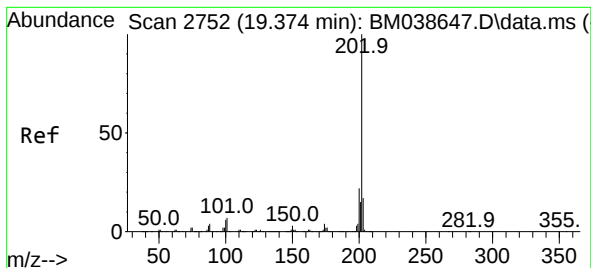


#74  
 Di-n-butylphthalate  
 Concen: 42.559 ng  
 RT: 18.245 min Scan# 2560  
 Delta R.T. -0.023 min  
 Lab File: BM038775.D  
 Acq: 17 Feb 2023 15:06



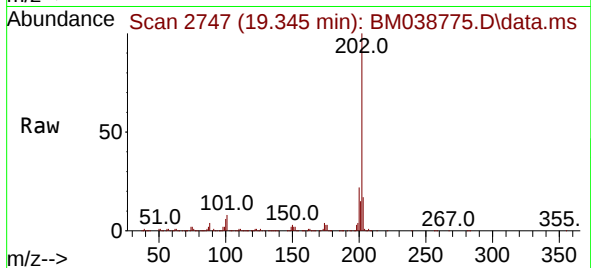
Tgt Ion:149 Resp: 662150  
 Ion Ratio Lower Upper  
 149 100  
 150 8.7 7.4 11.0  
 104 4.7 3.8 5.6





#75  
Fluoranthene  
Concen: 37.426 ng  
RT: 19.345 min Scan# 21  
Delta R.T. -0.017 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

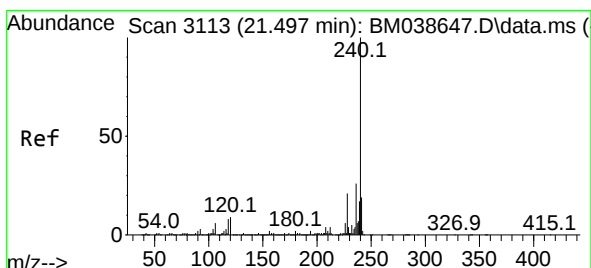
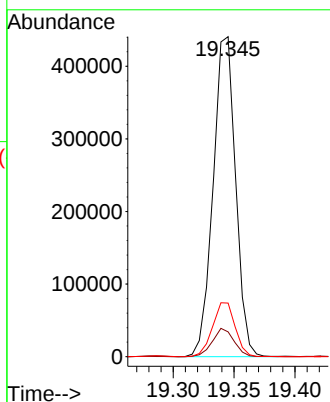
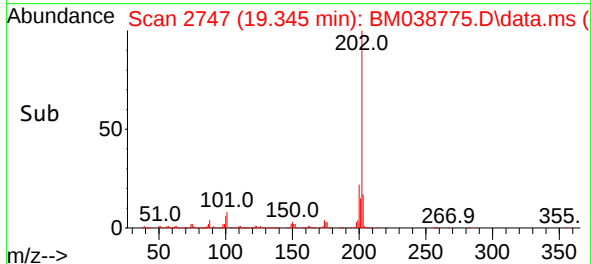
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



Tgt Ion:202 Resp: 567172  
Ion Ratio Lower Upper  
202 100  
101 7.8 0.0 27.4  
203 16.7 0.0 37.3

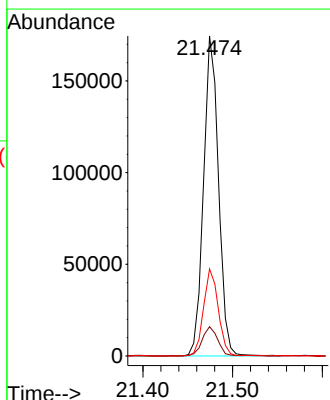
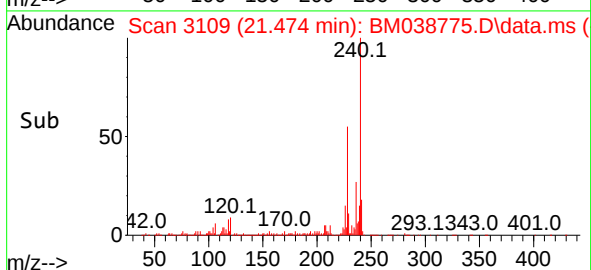
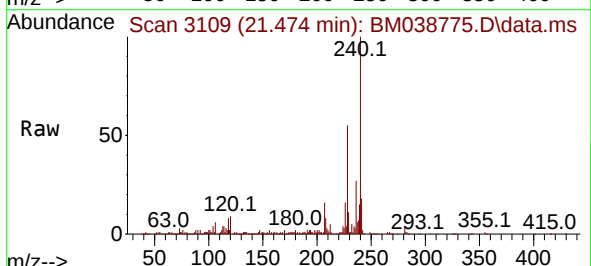
Manual Integrations  
APPROVED

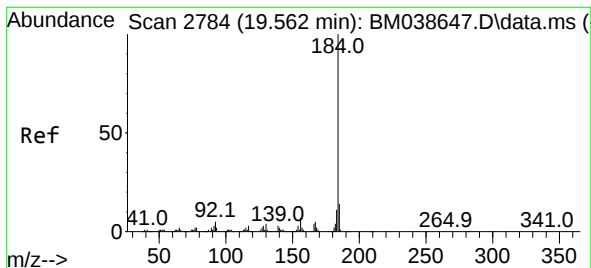
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.474 min Scan# 3109  
Delta R.T. -0.017 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Tgt Ion:240 Resp: 202022  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.0 10.4  
236 27.2 20.9 31.3





#77

Benzidine

Concen: 56.156 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS

Tgt Ion:184 Resp: 344270

Ion Ratio Lower Upper

184 100

185 13.5 10.8 16.2

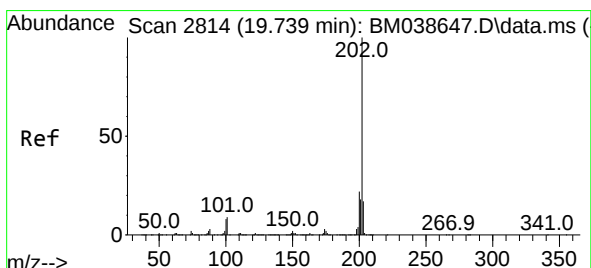
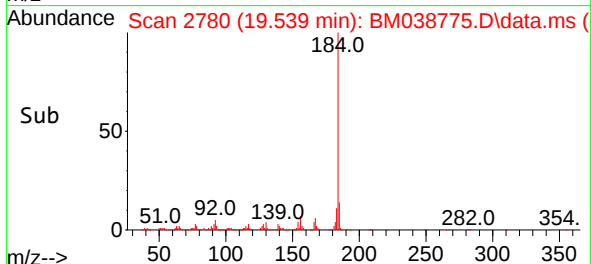
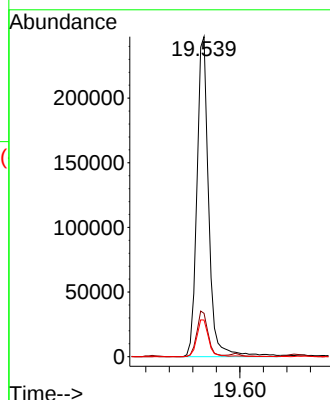
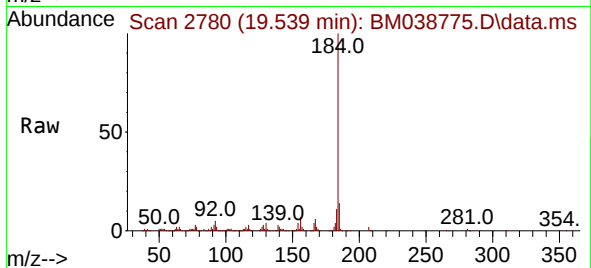
183 11.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#78

Pyrene

Concen: 39.801 ng

RT: 19.704 min Scan# 2808

Delta R.T. -0.023 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

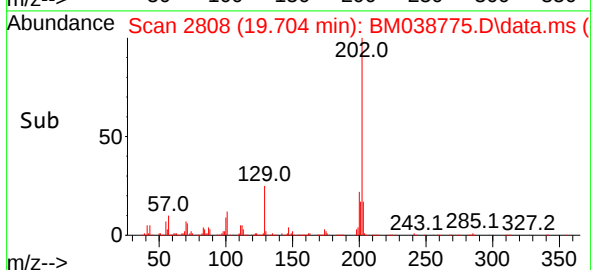
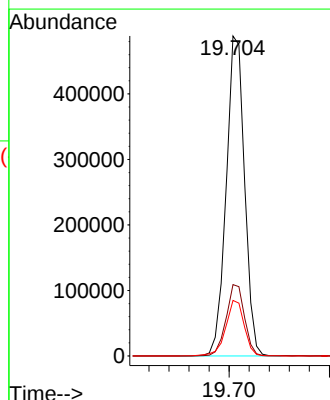
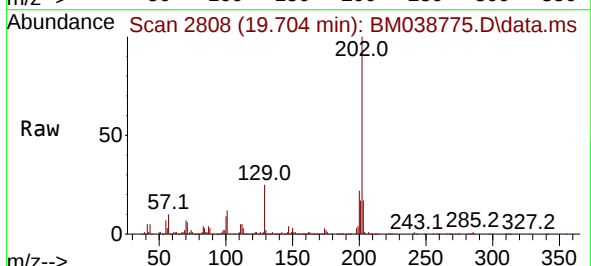
Tgt Ion:202 Resp: 619054

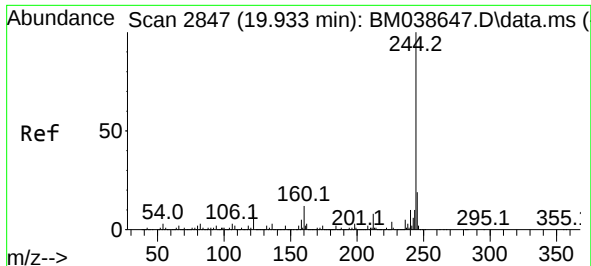
Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

203 17.4 13.5 20.3





#79  
 Terphenyl-d14  
 Concen: 64.150 ng  
 RT: 19.910 min Scan# 21  
 Delta R.T. -0.017 min  
 Lab File: BM038775.D  
 Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

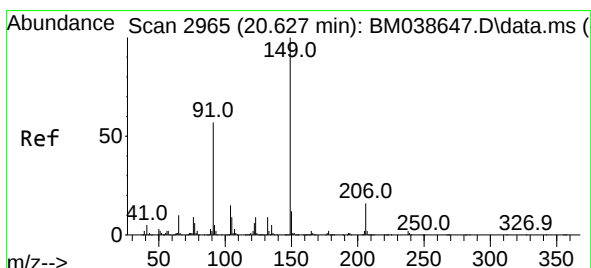
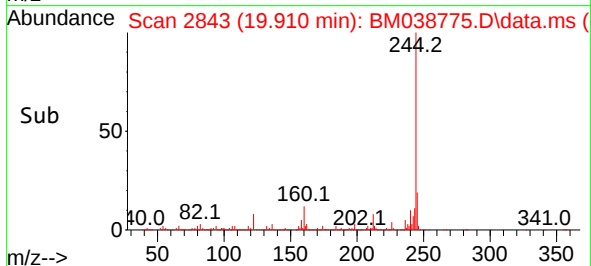
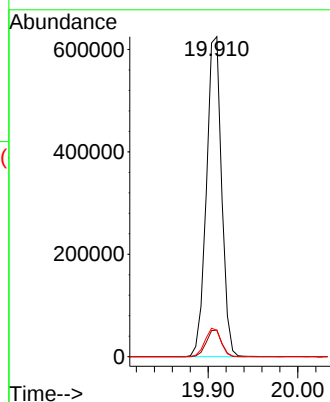
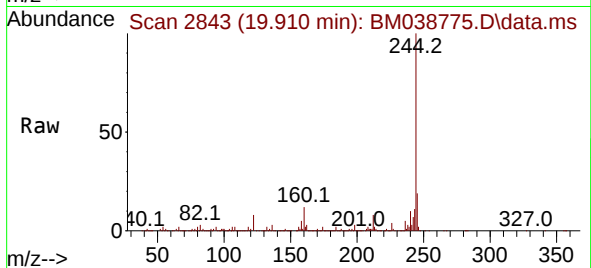
PB150858BS

Tgt Ion:244 Resp: 734390  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.6 9.8  
 122 8.2 7.8 11.8

Manual Integrations

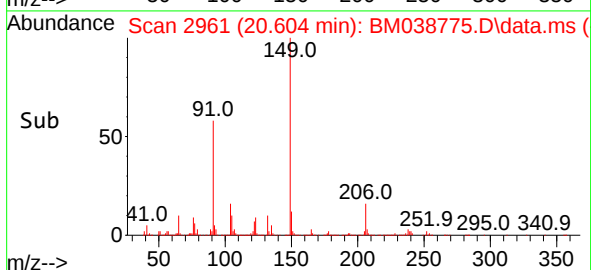
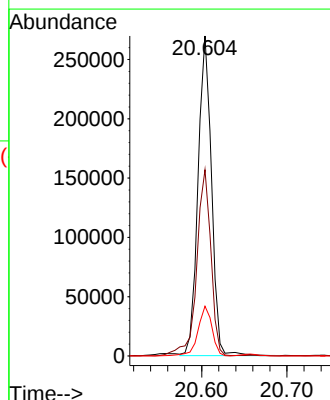
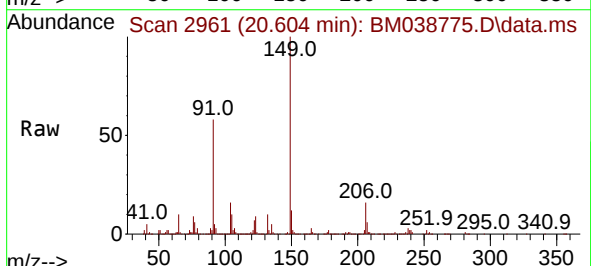
APPROVED

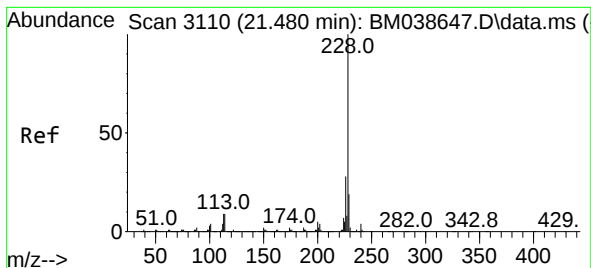
Reviewed By :Yogesh Patel 02/18/2023  
 Supervised By :mohammad ahmed 02/20/2023



#80  
 Butylbenzylphthalate  
 Concen: 38.513 ng  
 RT: 20.604 min Scan# 2961  
 Delta R.T. -0.017 min  
 Lab File: BM038775.D  
 Acq: 17 Feb 2023 15:06

Tgt Ion:149 Resp: 295109  
 Ion Ratio Lower Upper  
 149 100  
 91 58.2 45.6 68.4  
 206 15.6 12.5 18.7





#81

Benzo(a)anthracene

Concen: 40.399 ng

RT: 21.463 min Scan# 3110

Delta R.T. -0.011 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS

Tgt Ion:228 Resp: 57732

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

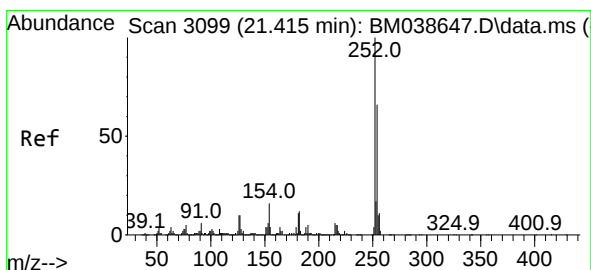
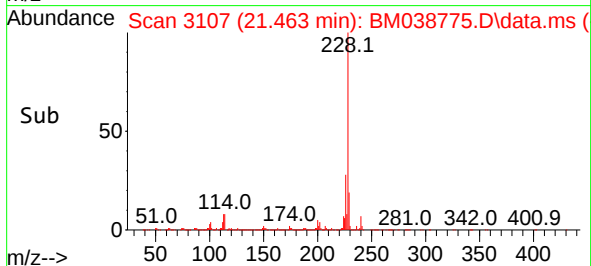
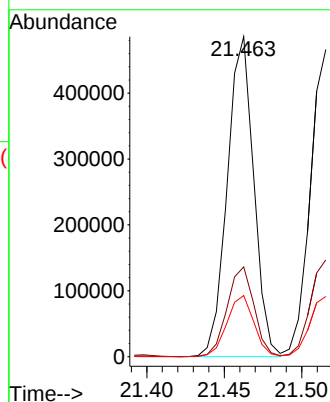
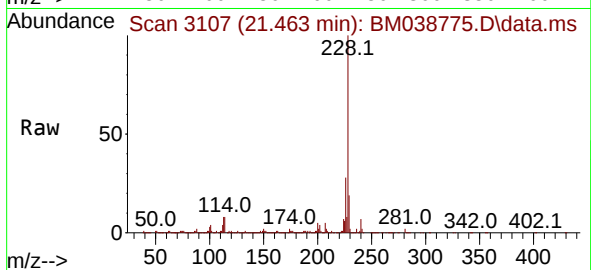
229 19.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 36.549 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.011 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

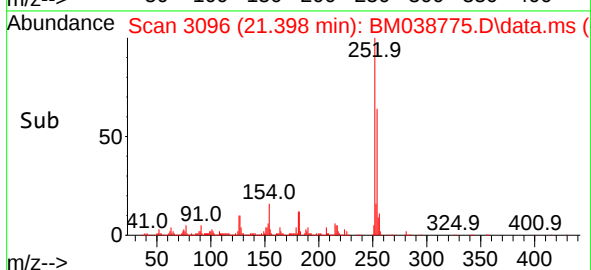
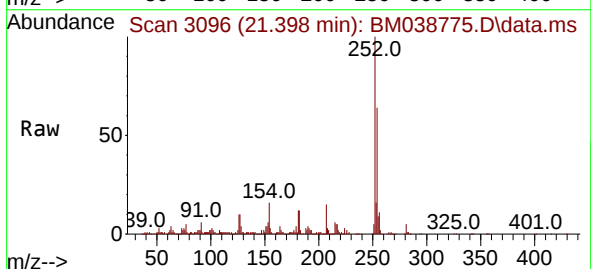
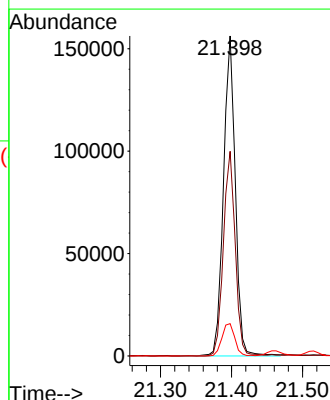
Tgt Ion:252 Resp: 179687

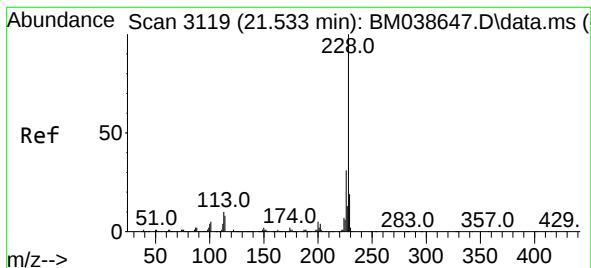
Ion Ratio Lower Upper

252 100

254 64.0 52.8 79.2

126 10.1 8.2 12.2





#83

Chrysene

Concen: 39.004 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.011 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA\_M

ClientSampleId :

PB150858BS

Tgt Ion:228 Resp: 53704

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

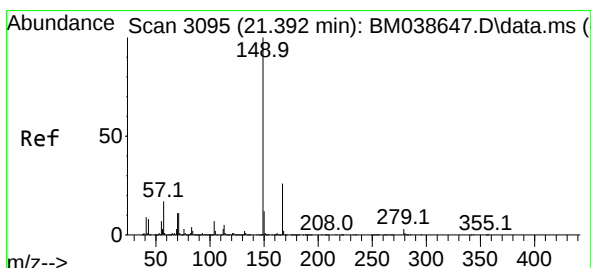
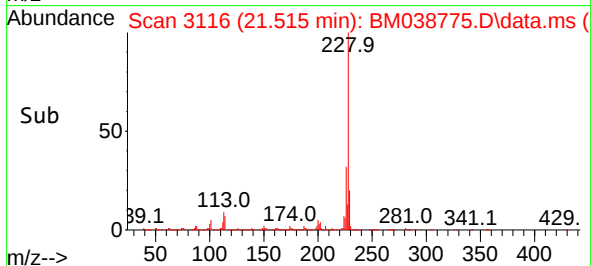
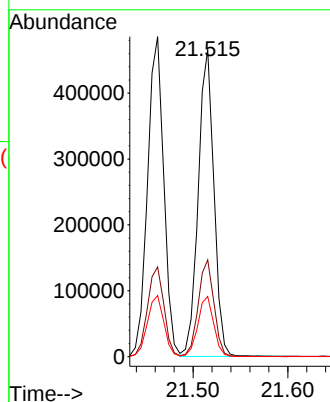
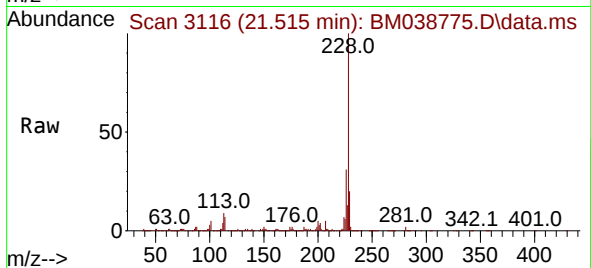
229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.150 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.011 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

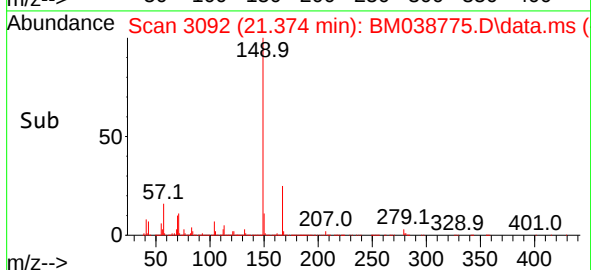
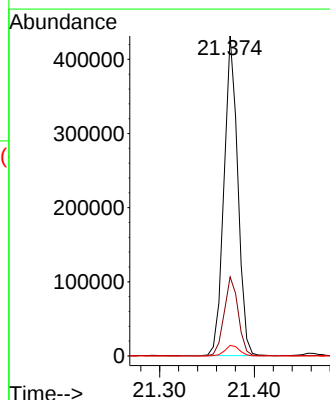
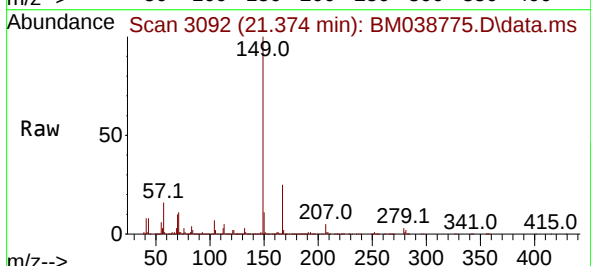
Tgt Ion:149 Resp: 437904

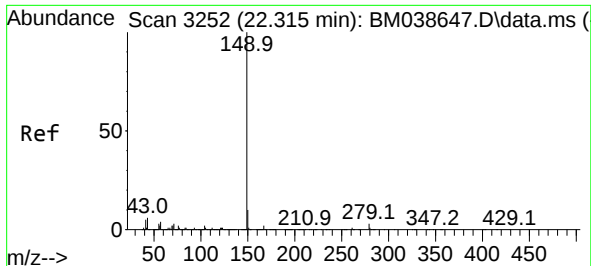
Ion Ratio Lower Upper

149 100

167 24.7 20.8 31.2

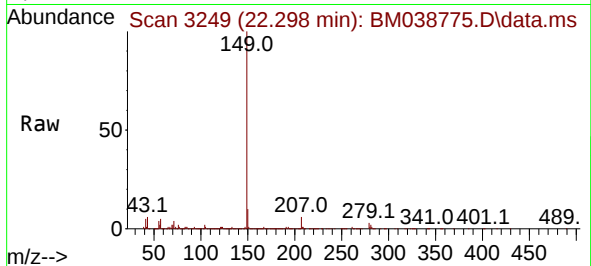
279 3.3 2.5 3.7





#85  
Di-n-octyl phthalate  
Concen: 42.147 ng  
RT: 22.298 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

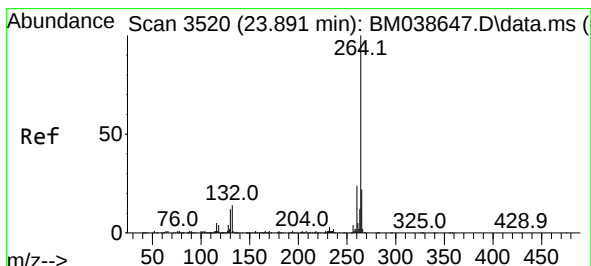
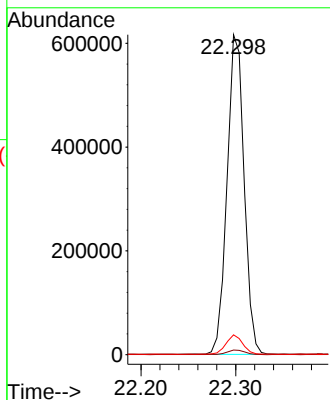
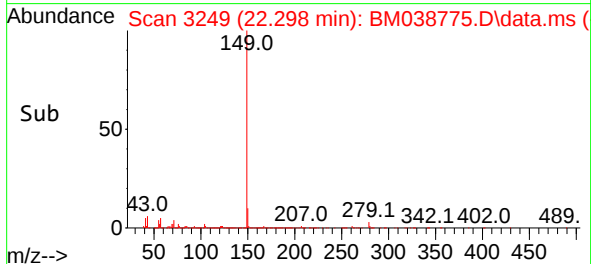
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



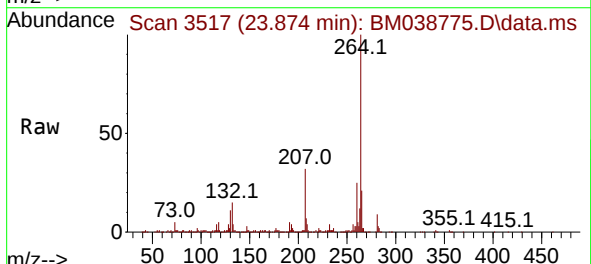
Tgt Ion:149 Resp: 771630  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 6.1 4.6 6.8

Manual Integrations  
APPROVED

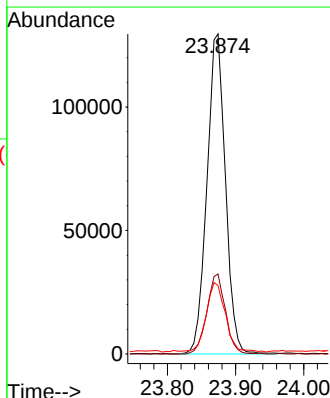
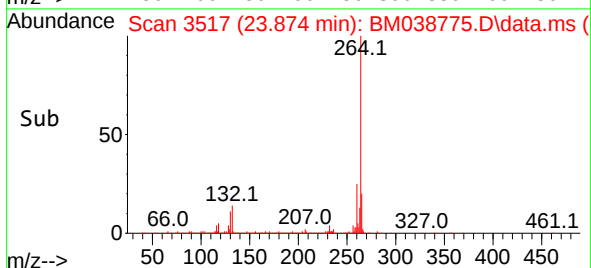
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023

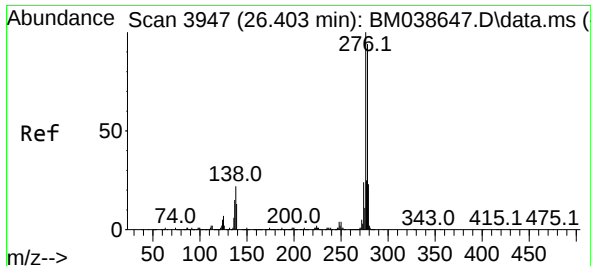


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.874 min Scan# 3517  
Delta R.T. 0.000 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



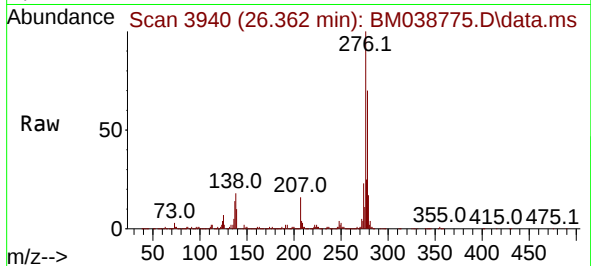
Tgt Ion:264 Resp: 244914  
Ion Ratio Lower Upper  
264 100  
260 25.0 19.6 29.4  
265 21.4 17.9 26.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.401 ng  
RT: 26.362 min Scan# 3940  
Delta R.T. -0.017 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

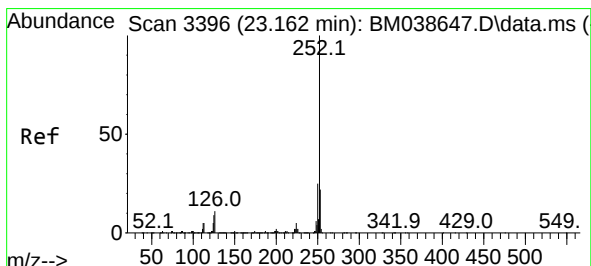
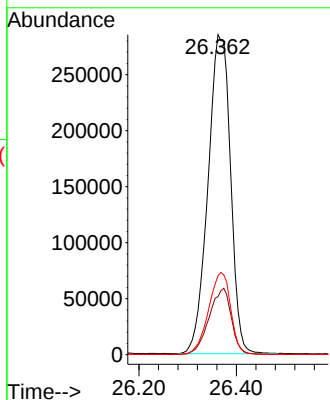
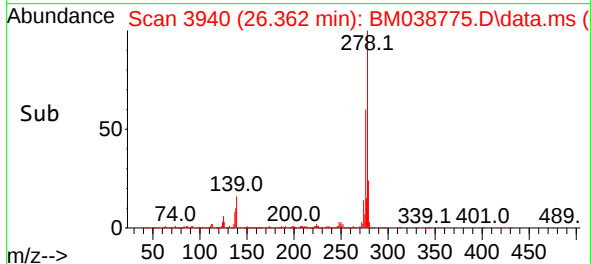
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



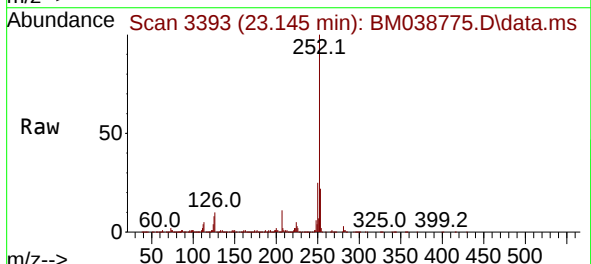
Tgt Ion: 276 Resp: 914400  
Ion Ratio Lower Upper  
276 100  
138 20.6 17.2 25.8  
277 25.2 20.2 30.4

Manual Integrations  
APPROVED

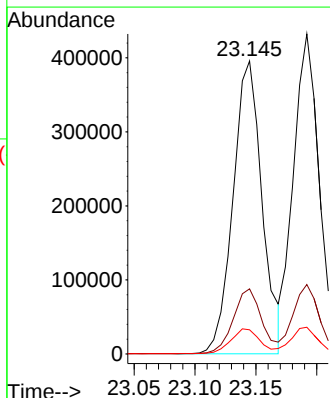
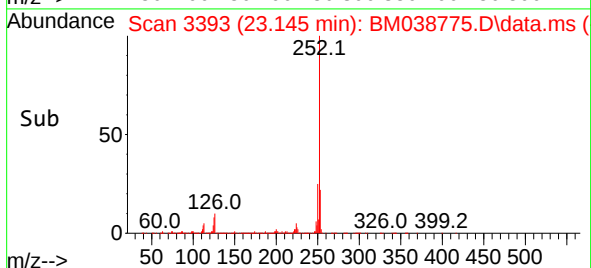
Reviewed By : Yogesh Patel 02/18/2023  
Supervised By : mohammad ahmed 02/20/2023

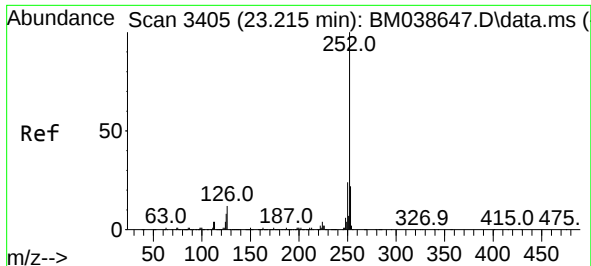


#88  
Benzo(b)fluoranthene  
Concen: 44.642 ng  
RT: 23.145 min Scan# 3393  
Delta R.T. -0.006 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



Tgt Ion: 252 Resp: 654868  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 8.2 7.0 10.6





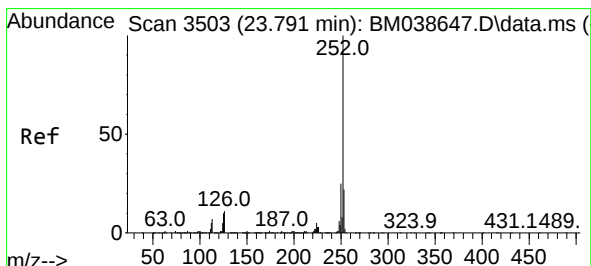
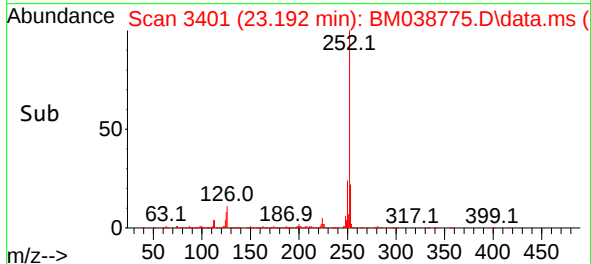
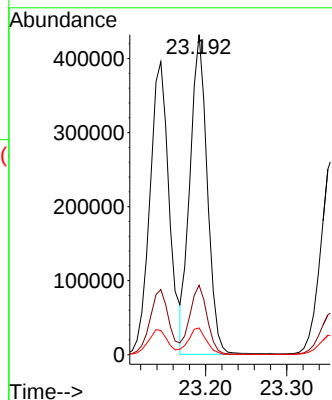
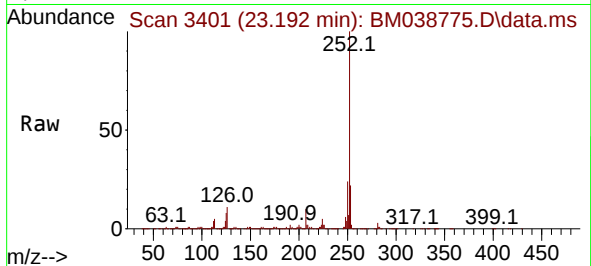
#89  
Benzo(k)fluoranthene  
Concen: 42.839 ng  
RT: 23.192 min Scan# 3405  
Delta R.T. -0.006 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS

Tgt Ion:252 Resp: 63813  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.0  
125 8.3 6.6 9.8

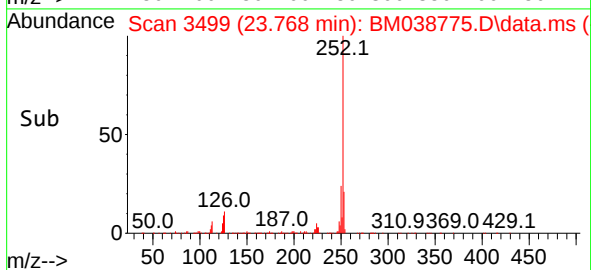
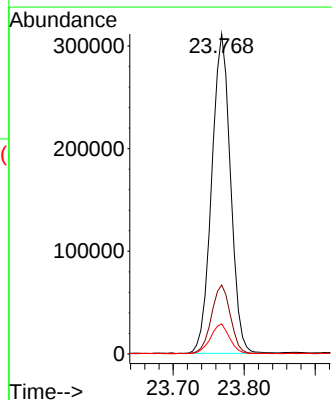
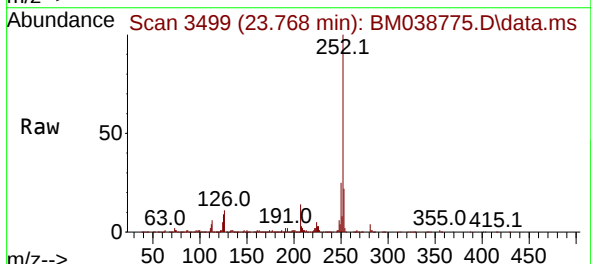
Manual Integrations  
APPROVED

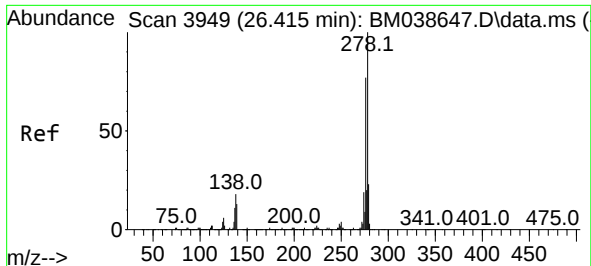
Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#90  
Benzo(a)pyrene  
Concen: 39.387 ng  
RT: 23.768 min Scan# 3499  
Delta R.T. -0.006 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

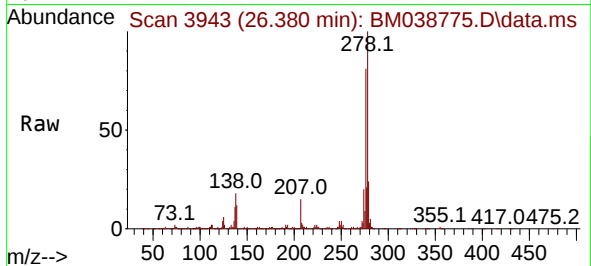
Tgt Ion:252 Resp: 571385  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.7 26.5  
125 9.4 7.8 11.8





#91  
Dibenzo(a,h)anthracene  
Concen: 48.148 ng  
RT: 26.380 min Scan# 3949  
Delta R.T. -0.006 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06

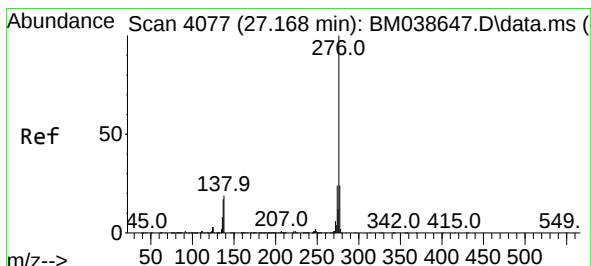
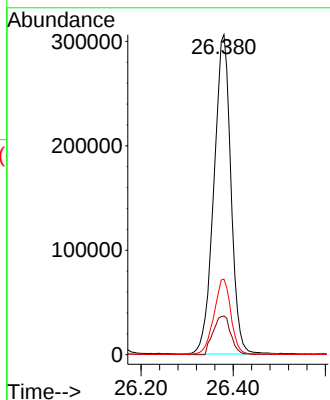
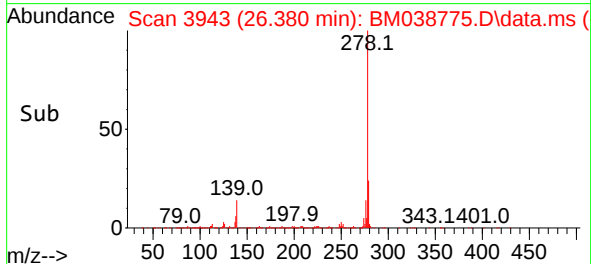
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BS



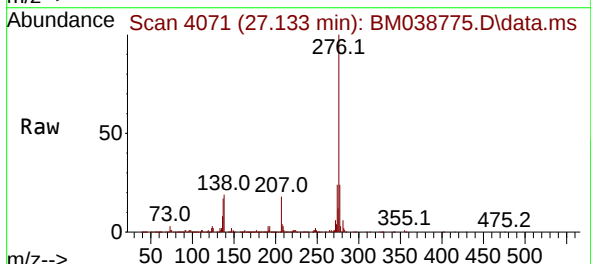
Tgt Ion:278 Resp: 78144  
Ion Ratio Lower Upper  
278 100  
139 12.1 10.5 15.7  
279 23.6 18.7 28.1

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/18/2023  
Supervised By :mohammad ahmed 02/20/2023



#92  
Benzo(g,h,i)perylene  
Concen: 43.228 ng  
RT: 27.133 min Scan# 4071  
Delta R.T. -0.011 min  
Lab File: BM038775.D  
Acq: 17 Feb 2023 15:06



Tgt Ion:276 Resp: 709207  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.1 28.7  
138 18.9 15.3 22.9

