

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061323\  
 Data File : BM040228.D  
 Acq On : 13 Jun 2023 16:54  
 Operator : MA/JU  
 Sample : PB153264BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB153264BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 22:55:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 13 22:36:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.981  | 152  | 537194   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.792 | 136  | 2447325  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.621 | 164  | 1439594  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.362 | 188  | 2739866  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.539 | 240  | 2036482  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.974 | 264  | 1653517  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 3389043  | 97.815  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 4334315  | 91.757  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.151  | 82   | 3948719  | 84.487  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.110 | 330  | 1561379  | 77.749  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.245 | 172  | 8767269  | 83.594  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.980 | 244  | 11329068 | 108.095 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.387  | 88   | 448668   | 32.424  | ng    | 98       |
| 3) Pyridine                   | 3.799  | 79   | 1203547  | 30.414  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.705  | 42   | 721992   | 40.696  | ng    | 98       |
| 6) Aniline                    | 7.304  | 93   | 1873100  | 32.307  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.540  | 128  | 1841023  | 49.933  | ng    | 99       |
| 9) Benzaldehyde               | 7.110  | 77   | 165662   | 6.314   | ng    | 99       |
| 10) Phenol                    | 7.169  | 94   | 2372090  | 51.329  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.398  | 93   | 1685194  | 43.974  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.869  | 146  | 1702805  | 44.733  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.016  | 146  | 1751507  | 45.448  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.334  | 146  | 1713689  | 45.478  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.222  | 79   | 1621176  | 47.853  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.516  | 45   | 2351013  | 44.447  | ng    | 100      |
| 17) 2-Methylphenol            | 8.428  | 107  | 1600371  | 47.210  | ng    | 99       |
| 18) Hexachloroethane          | 9.069  | 117  | 654946   | 46.065  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.798  | 70   | 1386472  | 43.697  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.757  | 107  | 2191396  | 47.259  | ng    | 98       |
| 22) Acetophenone              | 8.810  | 105  | 2720467  | 42.705  | ng    | # 99     |
| 24) Nitrobenzene              | 9.192  | 77   | 2003265  | 41.762  | ng    | 98       |
| 25) Isophorone                | 9.722  | 82   | 3740293  | 41.188  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.904  | 139  | 942473   | 45.975  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.969  | 122  | 1829671  | 47.998  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.204 | 93   | 2412219  | 42.261  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.439 | 162  | 1727558  | 47.837  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.657 | 180  | 1584635  | 43.058  | ng    | 99       |
| 31) Naphthalene               | 10.845 | 128  | 5424873  | 41.259  | ng    | 100      |
| 32) Benzoic acid              | 10.134 | 122  | 1353843  | 45.348  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.957 | 127  | 872689   | 14.839  | ng    | 100      |
| 34) Hexachlorobutadiene       | 11.128 | 225  | 860254   | 41.580  | ng    | 100      |
| 35) Caprolactam               | 11.757 | 113  | 542049m  | 43.071  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.080 | 107  | 1872879  | 44.709  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.451 | 142  | 3728991  | 40.003  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.669 | 142  | 3531989  | 40.117  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.816 | 216  | 1792644  | 44.782  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.798 | 237  | 2449377  | 111.233 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.057 | 196  | 1285053  | 46.293  | ng    | 98       |

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 Sample : PB153264BSD  
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 Supervised By :mohammad ahmed 06/16/2023

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 QLast Update : Tue Jun 13 22:36:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.127 | 196  | 1414656  | 42.780 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.457 | 154  | 4922212  | 43.318 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.498 | 162  | 3700510  | 43.976 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.704 | 65   | 1228606  | 44.290 | ng    | 98       |
| 49) Acenaphthylene            | 14.345 | 152  | 5929578  | 42.244 | ng    | 99       |
| 50) Dimethylphthalate         | 14.080 | 163  | 4661120  | 40.689 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.198 | 165  | 1002761  | 43.022 | ng    | 98       |
| 52) Acenaphthene              | 14.686 | 154  | 3582026  | 41.829 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.527 | 138  | 842015   | 30.407 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.733 | 184  | 1297375  | 86.630 | ng    | 94       |
| 55) Dibenzofuran              | 15.016 | 168  | 5540024  | 40.896 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.839 | 139  | 1957798  | 90.453 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.986 | 165  | 1356849  | 43.197 | ng    | 97       |
| 58) Fluorene                  | 15.668 | 166  | 4534576  | 41.114 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.245 | 232  | 1178434  | 43.811 | ng    | 99       |
| 60) Diethylphthalate          | 15.439 | 149  | 4771112  | 40.534 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.657 | 204  | 2280489  | 42.041 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.692 | 138  | 1124233  | 39.510 | ng    | 98       |
| 63) Azobenzene                | 15.951 | 77   | 4883959  | 41.318 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 198  | 772620   | 47.034 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.874 | 169  | 3894563  | 45.045 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.551 | 248  | 1281187  | 44.667 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.668 | 284  | 1473755  | 46.514 | ng    | 100      |
| 69) Atrazine                  | 16.827 | 200  | 1154868  | 44.632 | ng    | 98       |
| 70) Pentachlorophenol         | 17.015 | 266  | 2009801  | 88.476 | ng    | 99       |
| 71) Phenanthrene              | 17.410 | 178  | 6572428  | 43.109 | ng    | 100      |
| 72) Anthracene                | 17.498 | 178  | 6669061  | 43.318 | ng    | 99       |
| 73) Carbazole                 | 17.768 | 167  | 6151074  | 42.465 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.327 | 149  | 7830023  | 43.582 | ng    | 100      |
| 75) Fluoranthene              | 19.415 | 202  | 6784751  | 40.151 | ng    | 100      |
| 77) Benzidine                 | 19.603 | 184  | 1897539  | 50.174 | ng    | 99       |
| 78) Pyrene                    | 19.780 | 202  | 7092968  | 50.775 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.674 | 149  | 3127524  | 48.882 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.527 | 228  | 6169726  | 44.469 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.456 | 252  | 1853819  | 39.015 | ng    | 100      |
| 83) Chrysene                  | 21.580 | 228  | 5593651  | 42.605 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.445 | 149  | 4520108  | 46.683 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.380 | 149  | 7085900  | 43.812 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.515 | 276  | 4981744  | 45.483 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.233 | 252  | 5086398  | 51.391 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.280 | 252  | 5059507  | 49.707 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.868 | 252  | 4131498  | 44.004 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.527 | 278  | 4259926  | 45.734 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.291 | 276  | 3873110  | 46.458 | ng    | 98       |

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

## Manual Integrations APPROVED

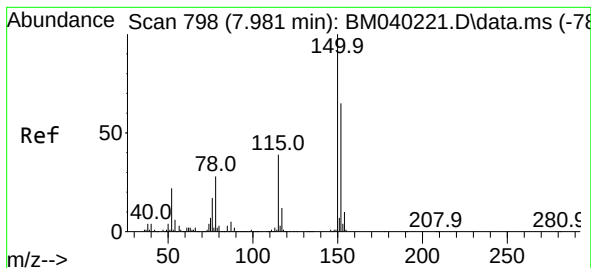
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

Abundance

TIC: BM040228.D\data.ms

Time-->

1,4-Dioxane  
n-Nitroethylaniline,  
2-Fluorophenol,S  
Phenol-d6,S  
Benzaldehyde  
Aniline  
Phenol C  
Chlorophenyl,  
1,7-Dichlorobenzene  
1,7-Dichlorobenzene,C  
1,8-Dichlorobenzene  
2,2'-oxybis(1-chlorophenyl)  
Hexachlorocyclopentadiene,P  
Nitrobenzene-d5,S  
Isophorone  
2-Nitrophenol  
Dimethylphenol  
Benzoic acid  
bis(2-chloroethoxy)methane  
2,4-Dichlorophenol,C  
Naphthalene-1,4'-trichlorobenzene  
Hexachlorobutadiene, C  
Caprolactam  
4-Chloro-3-methylphenol, C  
Methylnaphthalene  
1,2,3-Trichlorobenzene  
1,2,4-Trichlorobenzene  
2-Chloronaphthalene  
2-Fluorobiphenyl, S  
2-Nitroaniline  
2,6-Dinitrotoluene  
Acenaphthylene  
3-Nitroaniline  
Acenaphthene-9,10-dithiophene,P  
2,4-Dinitrophenol  
2,3,4,6-Tetrachlorophenol  
Diethylphthalate  
4,6-Dinitro-2-methylphenol  
n-Nitrosodiphenylamine,ether  
2,4,6-Trichlorophenol,S  
Azobenzene  
1,4-Bis(2-chlorophenyl)ether  
Atrazine  
Pentachlorophenol, C  
Phenanthrene-4,10-dione  
Carbazole  
D-n-butylphthalate  
Benzidine  
Fluoranthene, C  
Pyrene  
Butylbenzylphthalate  
Bis(2-ethylhexyl)phthalate  
3,3'-Dichlorobiphenyl,  
Di-n-octyl phthalate, c  
Benzofluoranthene  
Benzo(a)pyrene, C  
Perylene-d12, I  
Dibenz(a,h)anthracene  
Dibenz(a,h)pyrene  
Benzo(g,h,i)perylene



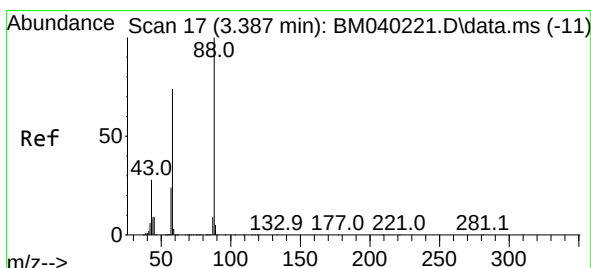
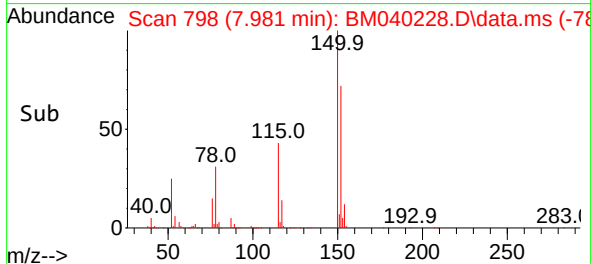
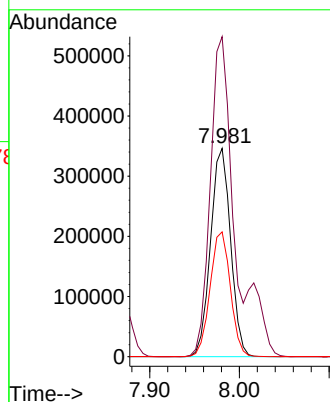
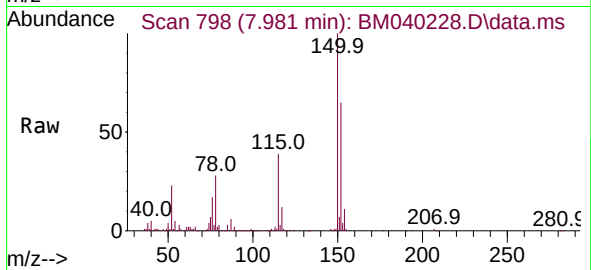
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.981 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
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PB153264BSD

Tgt Ion:152 Resp: 537194  
Ion Ratio Lower Upper  
152 100  
150 153.5 122.5 183.7  
115 59.9 47.9 71.9

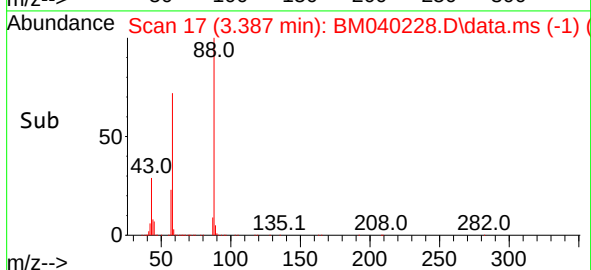
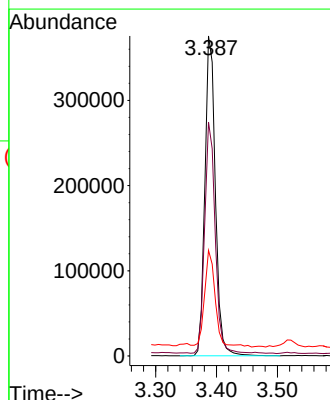
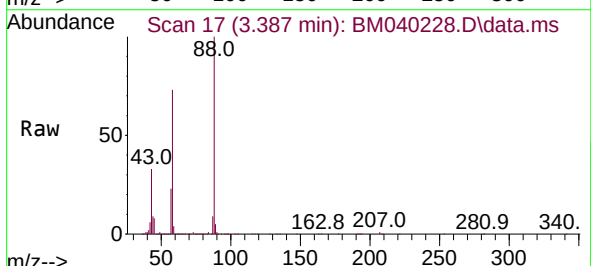
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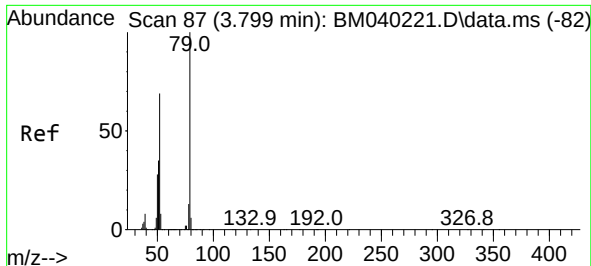
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#2  
1,4-Dioxane  
Concen: 32.424 ng  
RT: 3.387 min Scan# 17  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

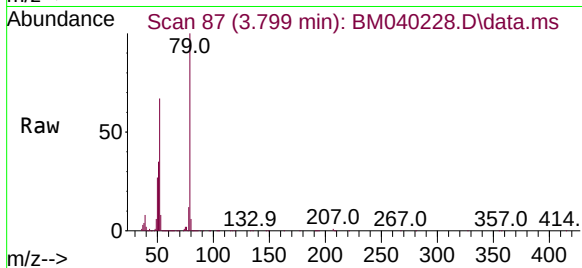
Tgt Ion: 88 Resp: 448668  
Ion Ratio Lower Upper  
88 100  
58 72.4 59.0 88.6  
43 30.1 23.2 34.8





#3  
 Pyridine  
 Concen: 30.414 ng  
 RT: 3.799 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BM040228.D  
 Acq: 13 Jun 2023 16:54

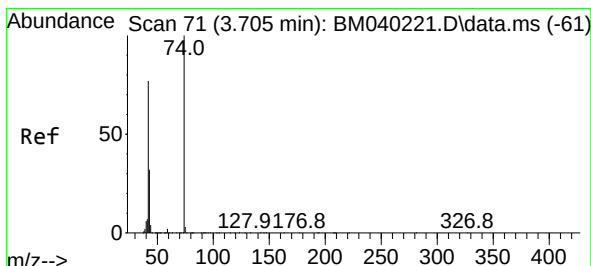
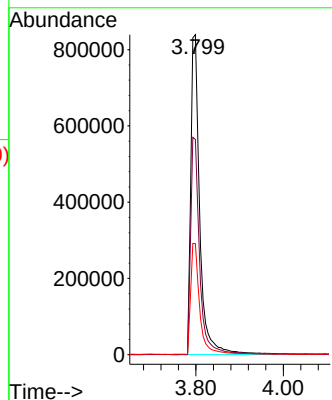
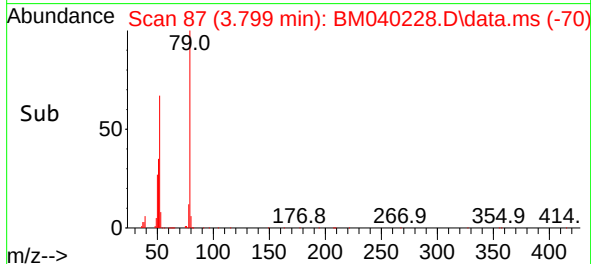
Instrument :  
 BNA\_M  
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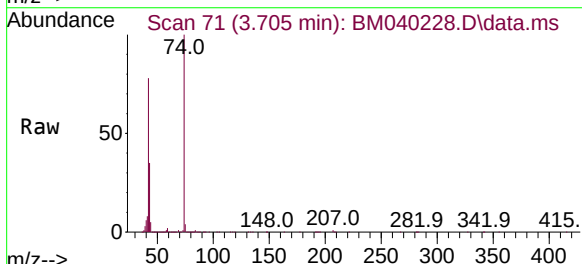
Tgt Ion: 79 Resp: 120354  
 Ion Ratio Lower Upper  
 79 100  
 52 67.3 55.1 82.7  
 51 34.7 27.9 41.9

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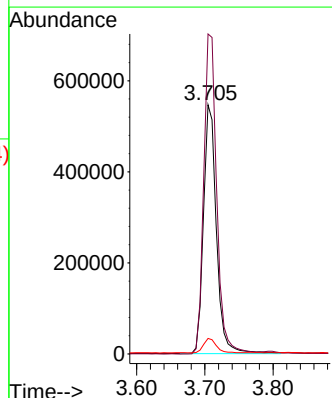
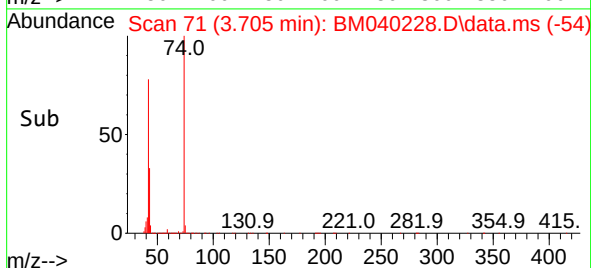
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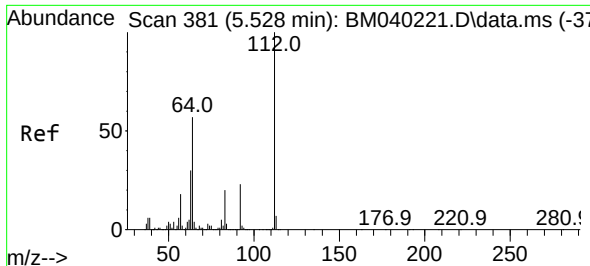


#4  
 n-Nitrosodimethylamine  
 Concen: 40.696 ng  
 RT: 3.705 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BM040228.D  
 Acq: 13 Jun 2023 16:54



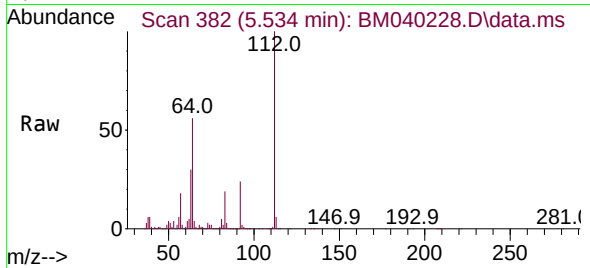
Tgt Ion: 42 Resp: 721992  
 Ion Ratio Lower Upper  
 42 100  
 74 128.4 104.3 156.5  
 44 6.3 5.0 7.4





#5  
2-Fluorophenol  
Concen: 97.815 ng  
RT: 5.534 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

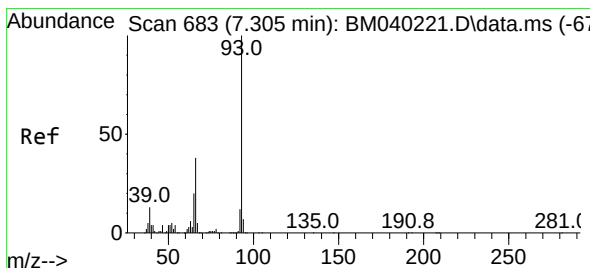
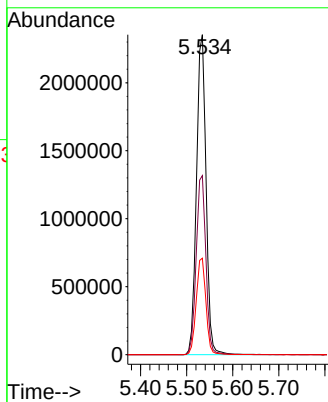
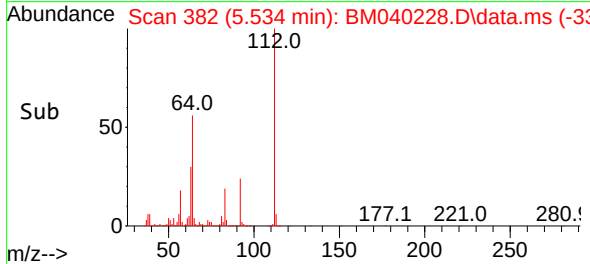
Instrument :  
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ClientSampleId :  
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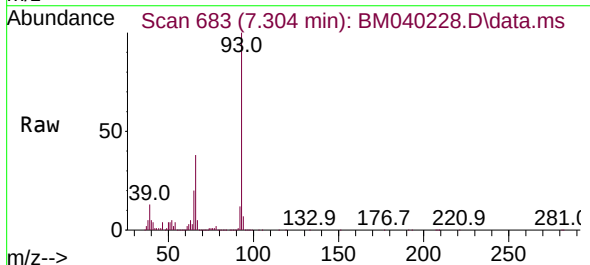
Tgt Ion: 112 Resp: 338904  
Ion Ratio Lower Upper  
112 100  
64 55.9 45.2 67.8  
63 30.2 24.2 36.4

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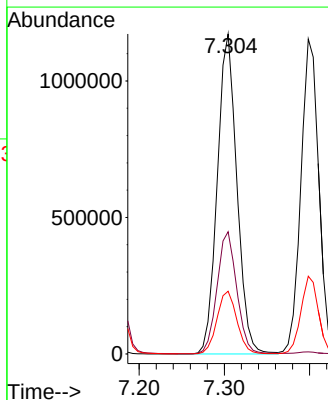
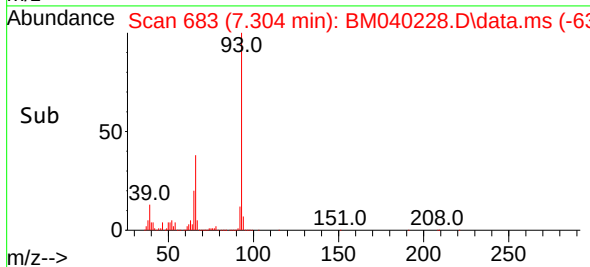
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Supervised By :mohammad ahmed 06/16/2023

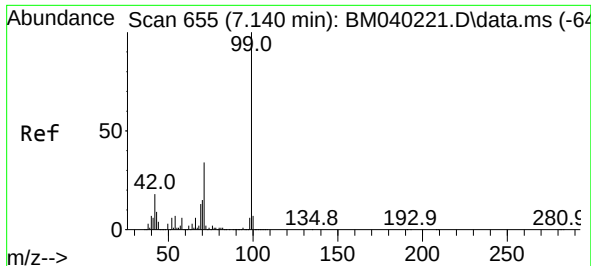


#6  
Aniline  
Concen: 32.307 ng  
RT: 7.304 min Scan# 683  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



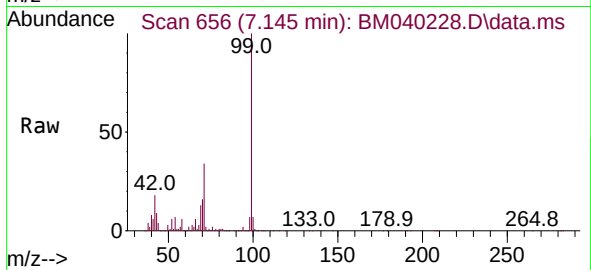
Tgt Ion: 93 Resp: 1873100  
Ion Ratio Lower Upper  
93 100  
66 38.2 30.8 46.2  
65 19.6 16.1 24.1





#7  
Phenol-d6  
Concen: 91.757 ng  
RT: 7.145 min Scan# 655  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

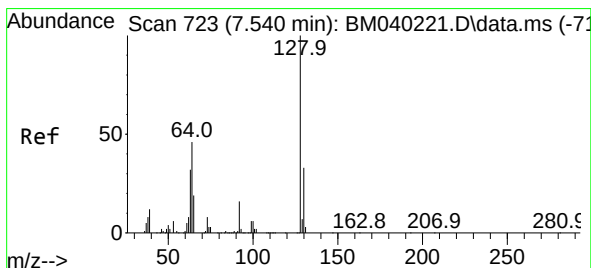
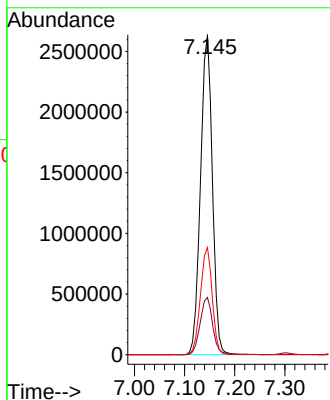
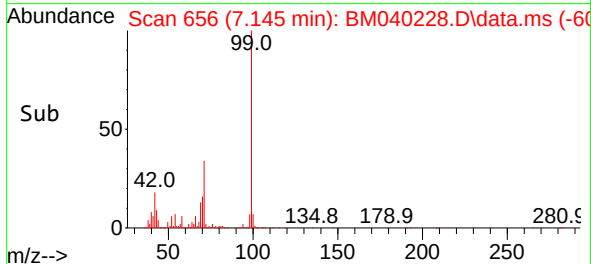
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion: 99 Resp: 433431  
Ion Ratio Lower Upper  
99 100  
42 17.9 14.5 21.7  
71 33.5 26.9 40.3

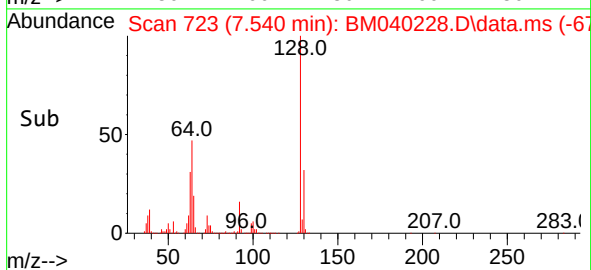
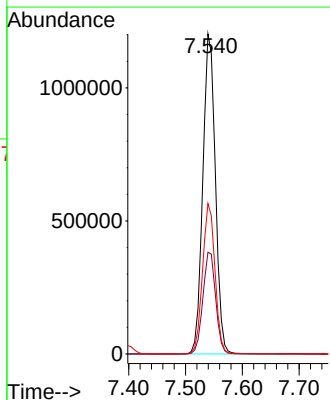
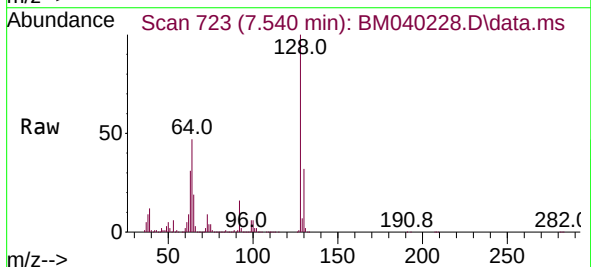
Manual Integrations  
APPROVED

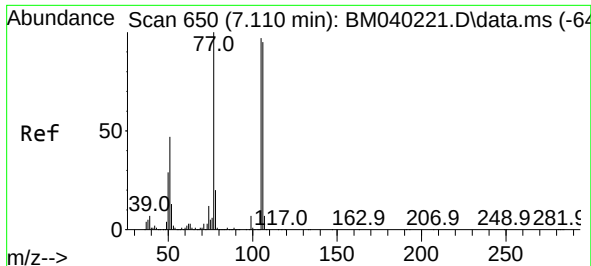
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#8  
2-Chlorophenol  
Concen: 49.933 ng  
RT: 7.540 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

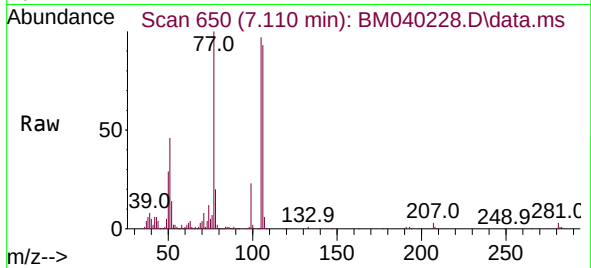
Tgt Ion:128 Resp: 1841023  
Ion Ratio Lower Upper  
128 100  
130 31.8 12.6 52.6  
64 47.0 27.4 67.4





#9  
Benzaldehyde  
Concen: 6.314 ng  
RT: 7.110 min Scan# 610  
Delta R.T. 0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

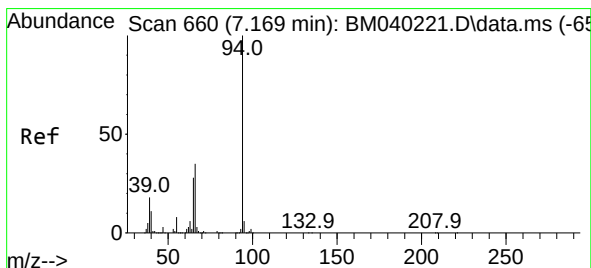
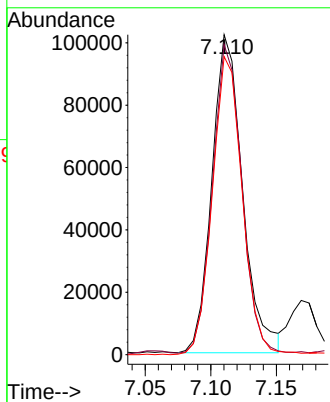
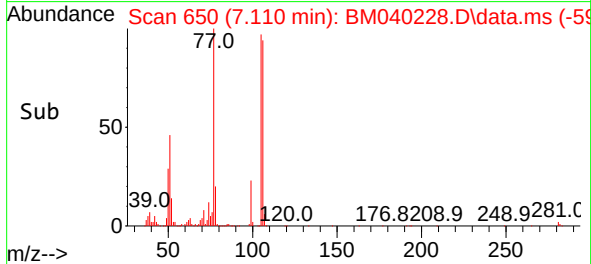
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion: 77 Resp: 165662  
Ion Ratio Lower Upper  
77 100  
105 96.9 77.3 117.3  
106 93.2 75.2 115.2

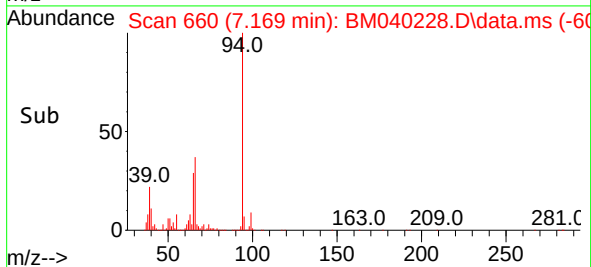
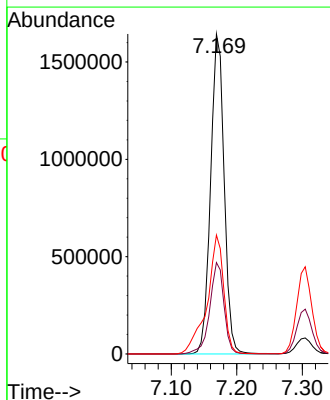
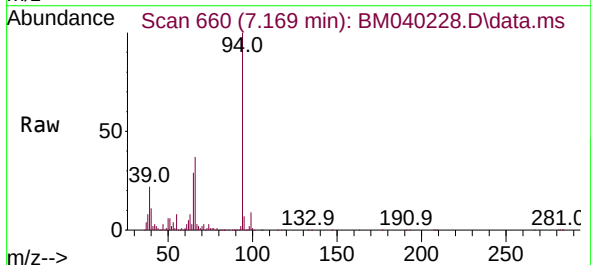
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

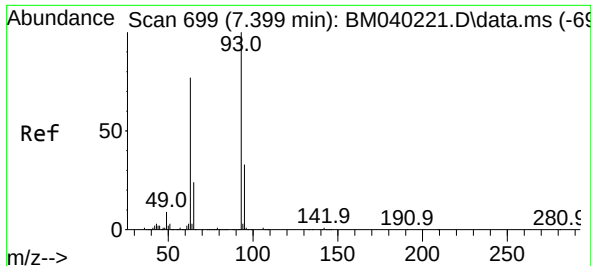


#10  
Phenol  
Concen: 51.329 ng  
RT: 7.169 min Scan# 660  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Tgt Ion: 94 Resp: 2372090  
Ion Ratio Lower Upper  
94 100  
65 28.6 8.2 48.2  
66 37.2 15.6 55.6

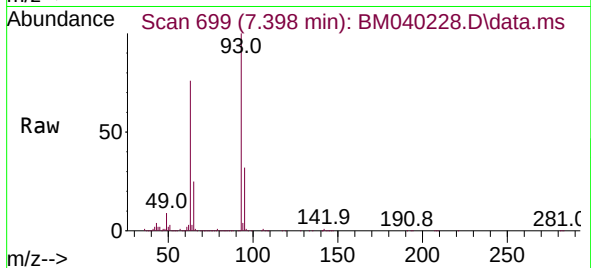






#11  
bis(2-Chloroethyl)ether  
Concen: 43.974 ng  
RT: 7.398 min Scan# 699  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

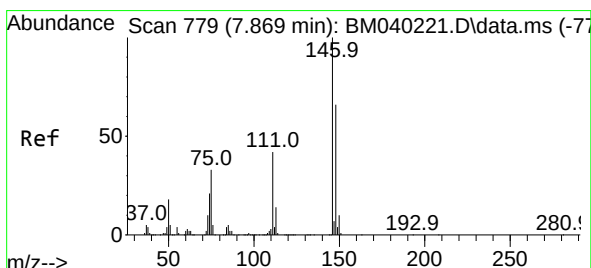
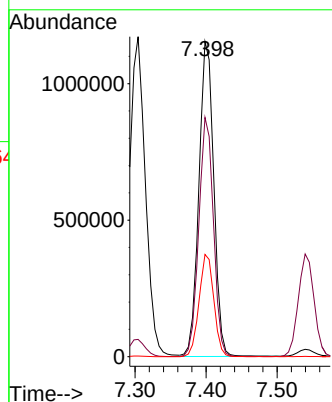
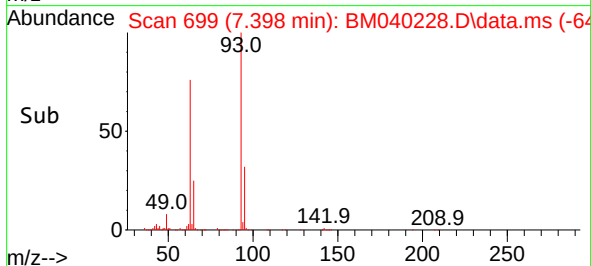
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



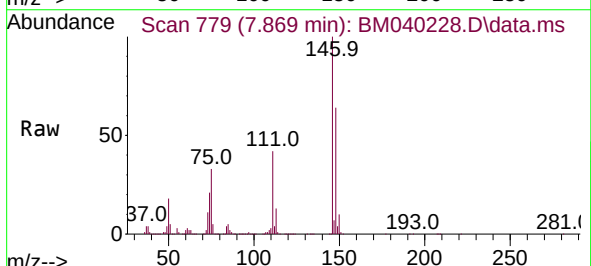
Tgt Ion: 93 Resp: 1685194  
Ion Ratio Lower Upper  
93 100  
63 76.0 56.3 96.3  
95 32.5 12.5 52.5

Manual Integrations  
APPROVED

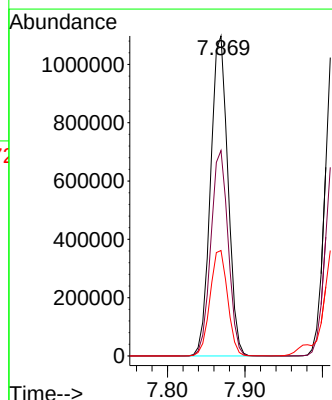
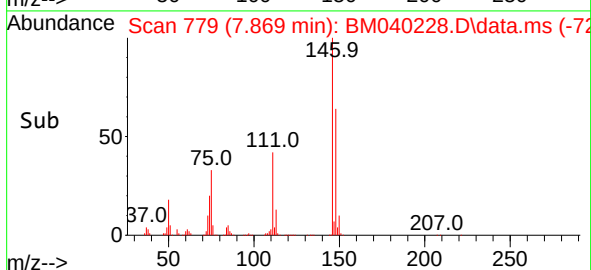
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

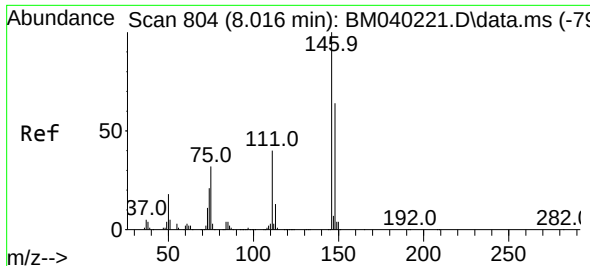


#12  
1,3-Dichlorobenzene  
Concen: 44.733 ng  
RT: 7.869 min Scan# 779  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



Tgt Ion:146 Resp: 1702805  
Ion Ratio Lower Upper  
146 100  
148 64.2 52.6 79.0  
75 32.9 26.6 40.0





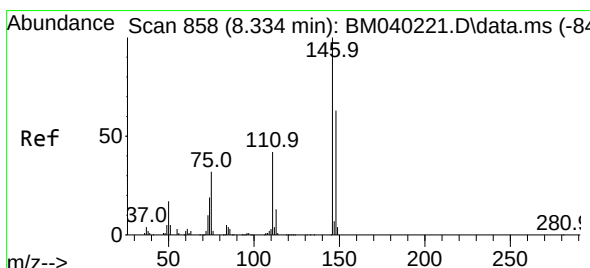
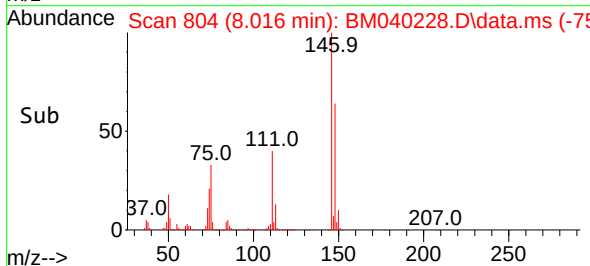
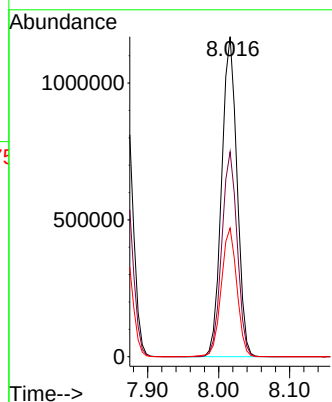
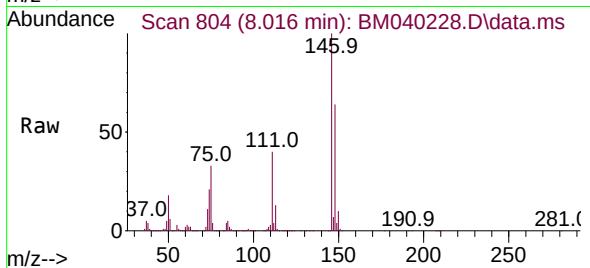
#13  
1,4-Dichlorobenzene  
Concen: 45.448 ng  
RT: 8.016 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD

Tgt Ion:146 Resp: 175150  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.0 76.4  
111 40.2 31.6 47.4

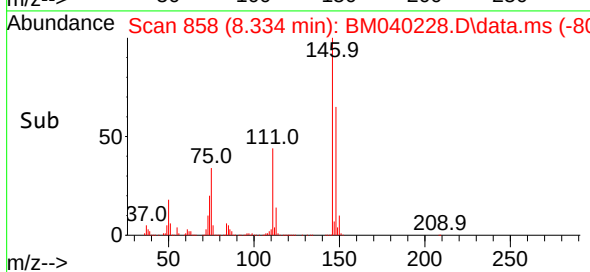
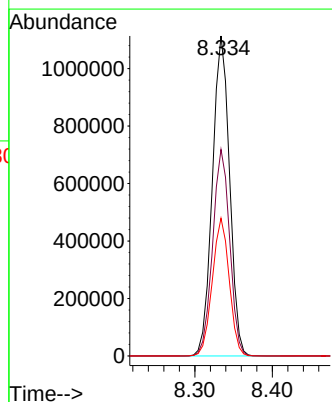
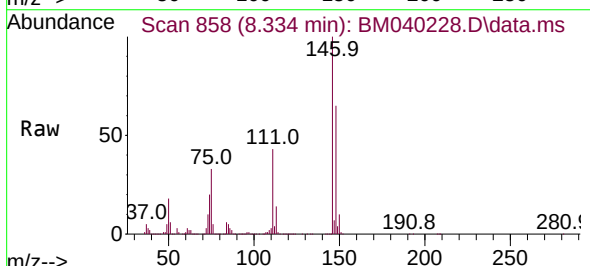
Manual Integrations  
APPROVED

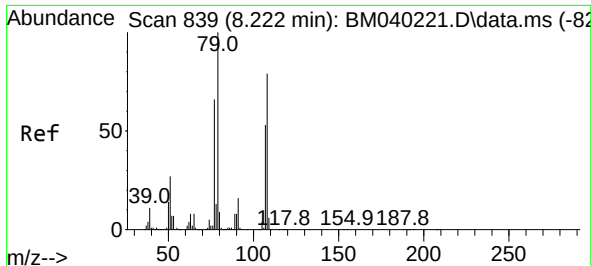
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#14  
1,2-Dichlorobenzene  
Concen: 45.478 ng  
RT: 8.334 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Tgt Ion:146 Resp: 1713689  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.5 75.7  
111 43.1 33.8 50.6





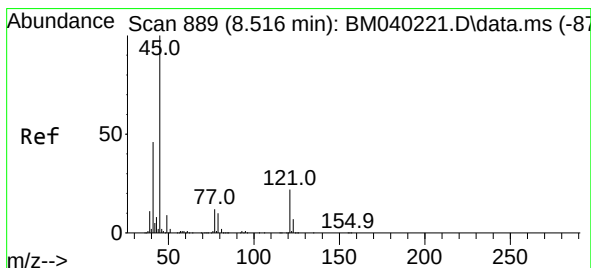
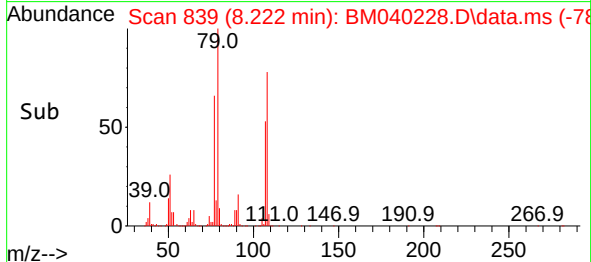
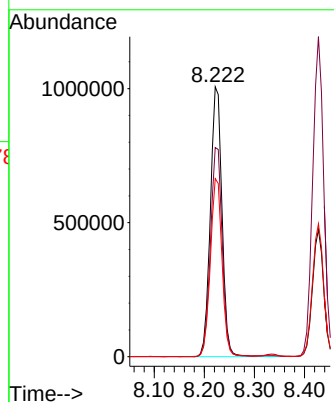
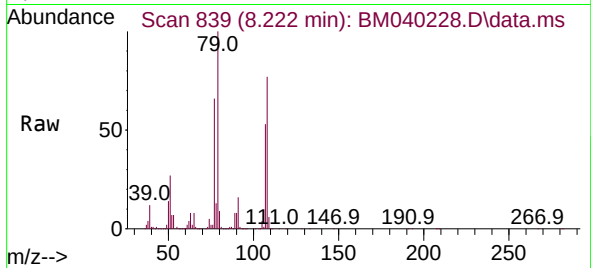
#15  
Benzyl Alcohol  
Concen: 47.853 ng  
RT: 8.222 min Scan# 839  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD

Tgt Ion: 79 Resp: 1621170  
Ion Ratio Lower Upper  
79 100  
108 77.5 63.2 94.8  
77 66.0 53.2 79.8

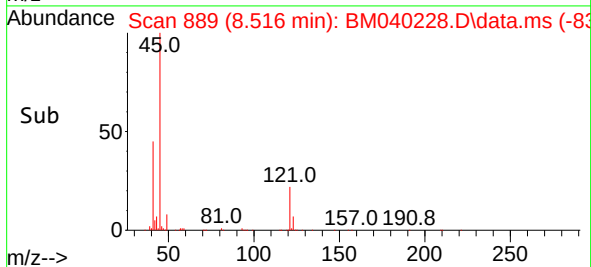
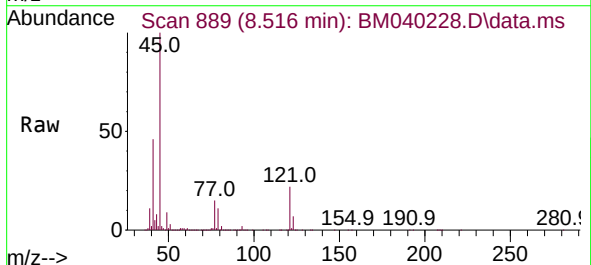
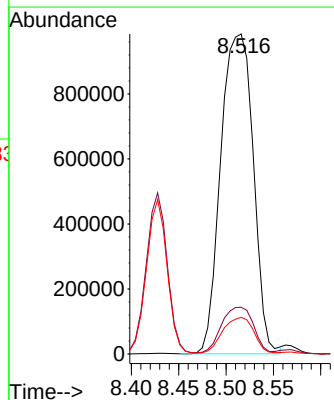
Manual Integrations  
APPROVED

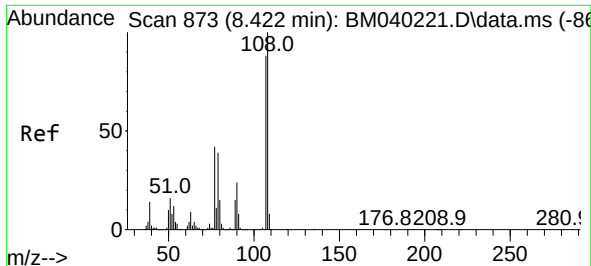
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.447 ng  
RT: 8.516 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

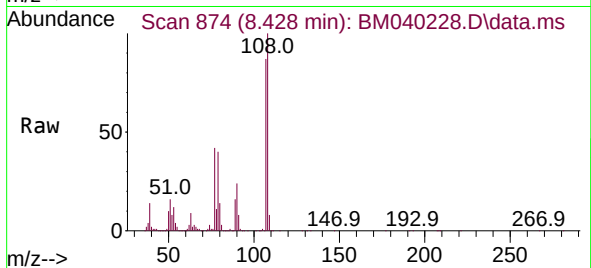
Tgt Ion: 45 Resp: 2351013  
Ion Ratio Lower Upper  
45 100  
77 14.6 0.0 34.5  
79 11.5 0.0 31.5





#17  
2-Methylphenol  
Concen: 47.210 ng  
RT: 8.428 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

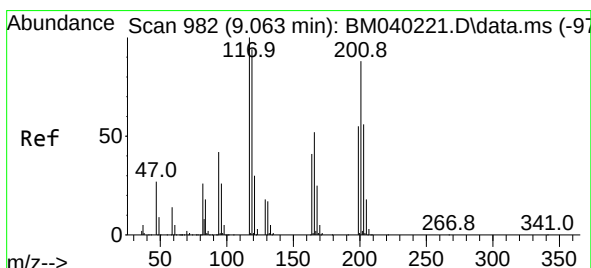
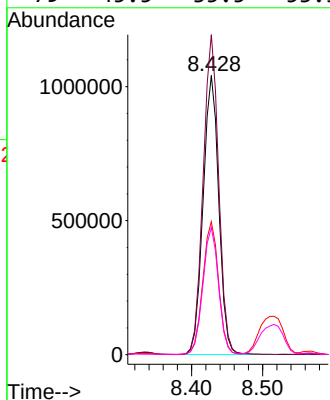
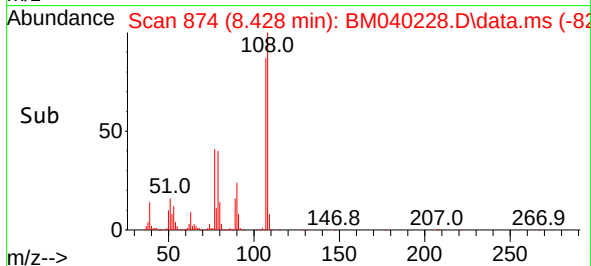
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:107 Resp: 160037  
Ion Ratio Lower Upper  
107 100  
108 114.6 91.1 136.7  
77 47.6 38.7 58.1  
79 45.5 35.5 53.3

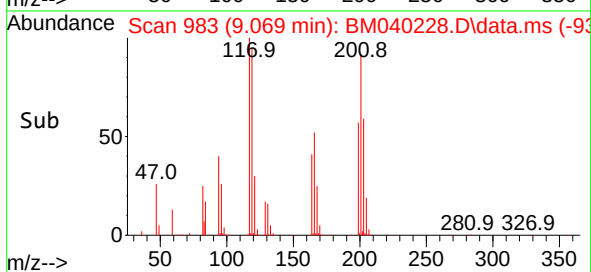
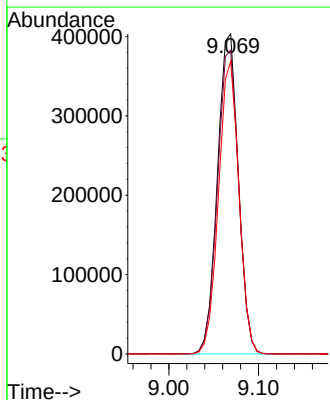
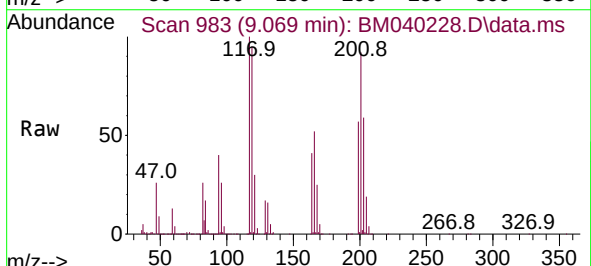
Manual Integrations  
APPROVED

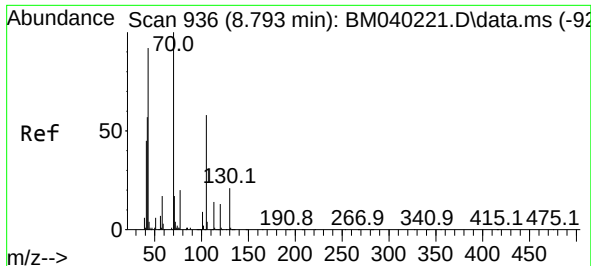
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#18  
Hexachloroethane  
Concen: 46.065 ng  
RT: 9.069 min Scan# 983  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

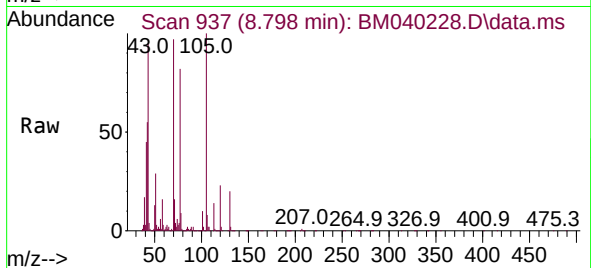
Tgt Ion:117 Resp: 654946  
Ion Ratio Lower Upper  
117 100  
119 94.9 75.4 113.0  
201 91.5 70.4 105.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.697 ng  
RT: 8.798 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

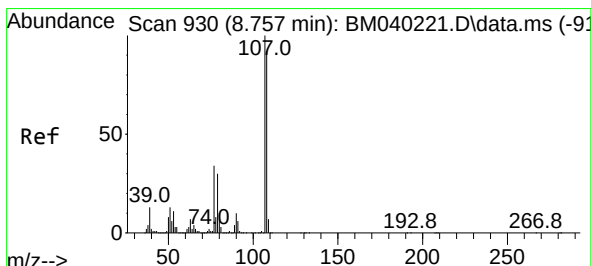
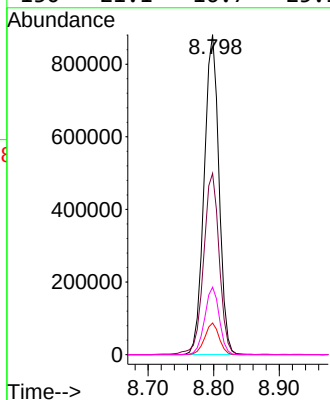
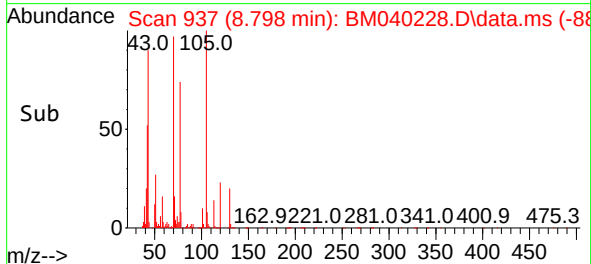
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion: 70 Resp: 138647  
Ion Ratio Lower Upper  
70 100  
42 56.7 46.2 69.4  
101 9.9 7.4 11.0  
130 21.1 16.7 25.1

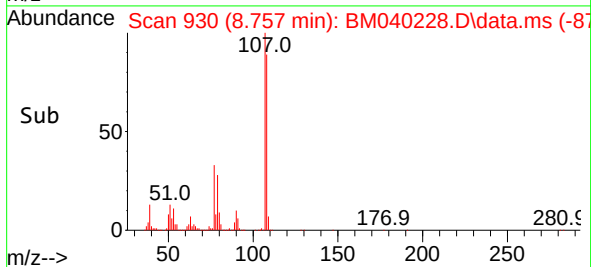
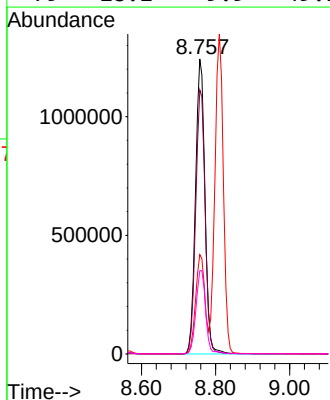
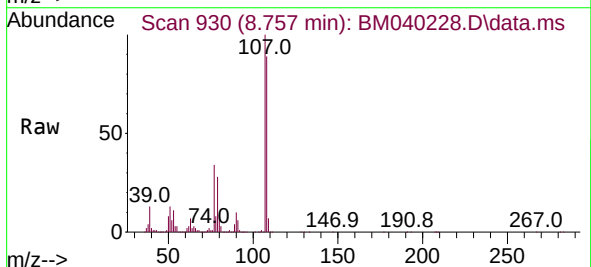
Manual Integrations  
APPROVED

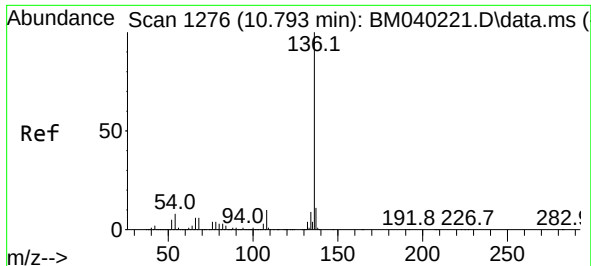
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#20  
3+4-Methylphenols  
Concen: 47.259 ng  
RT: 8.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Tgt Ion:107 Resp: 2191396  
Ion Ratio Lower Upper  
107 100  
108 89.5 71.6 111.6  
77 33.7 14.4 54.4  
79 28.2 9.9 49.9





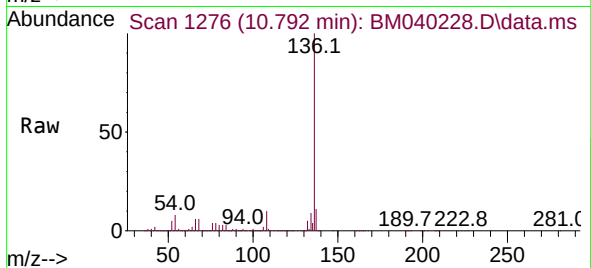
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.792 min Scan# 1276  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD



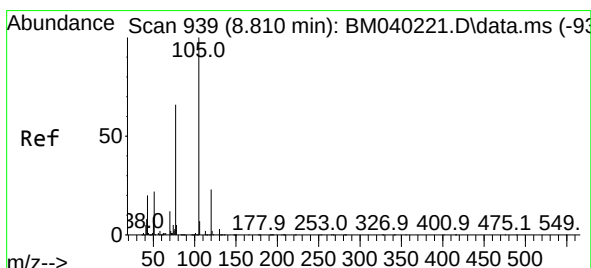
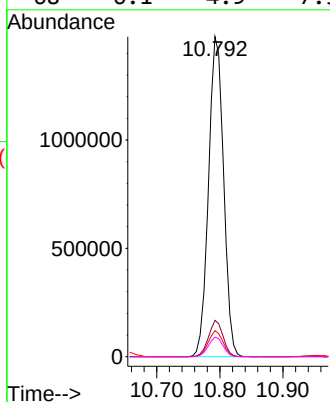
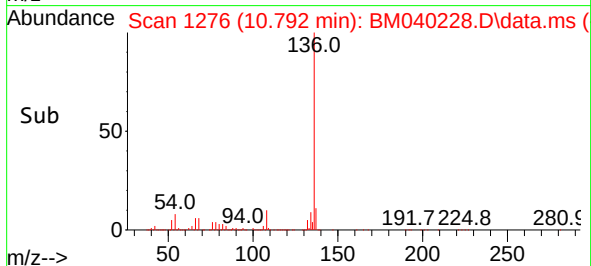
Tgt Ion:136 Resp: 2447329  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.4  
54 8.1 6.2 9.4  
68 6.1 4.9 7.3

Manual Integrations

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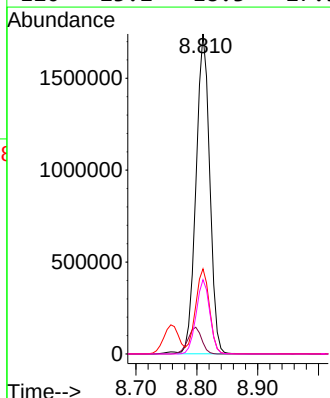
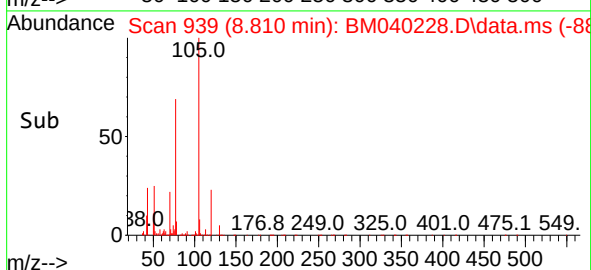
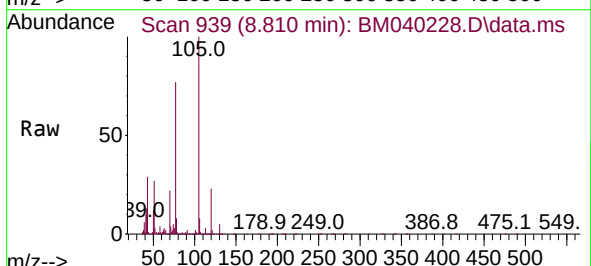
Reviewed By :Yogesh Patel 06/14/2023

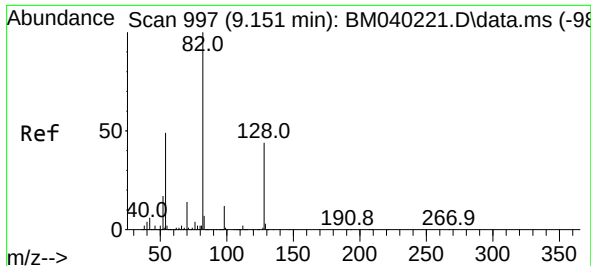
Supervised By :mohammad ahmed 06/16/2023



#22  
Acetophenone  
Concen: 42.705 ng  
RT: 8.810 min Scan# 939  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

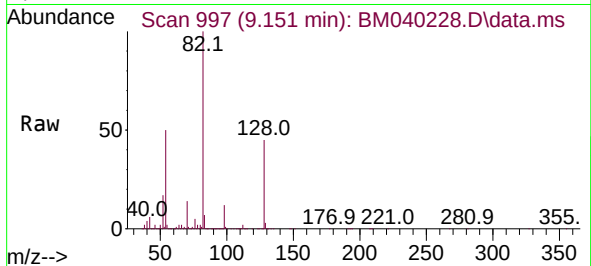
Tgt Ion:105 Resp: 2720467  
Ion Ratio Lower Upper  
105 100  
71 3.5 1.9 2.9#  
51 26.6 21.2 31.8  
120 23.2 18.3 27.5





#23  
Nitrobenzene-d5  
Concen: 84.487 ng  
RT: 9.151 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

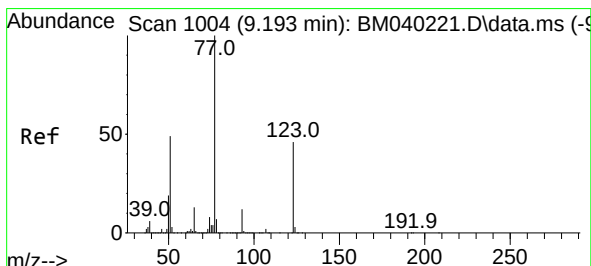
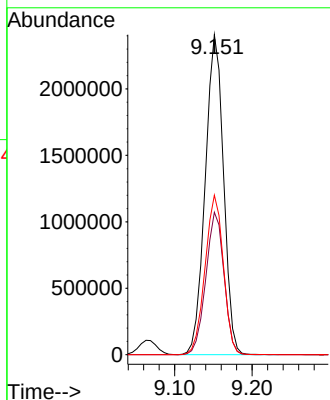
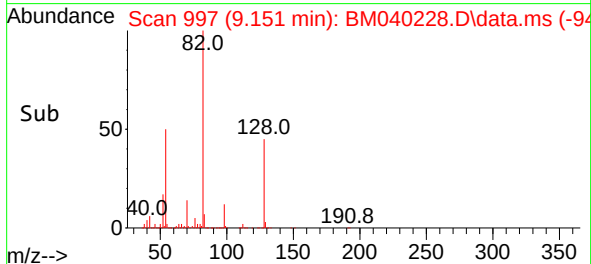
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



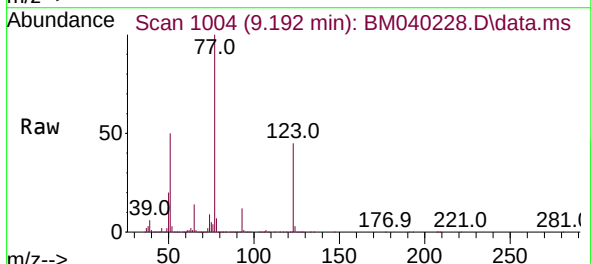
Tgt Ion: 82 Resp: 3948719  
Ion Ratio Lower Upper  
82 100  
128 44.5 35.3 52.9  
54 49.9 39.5 59.3

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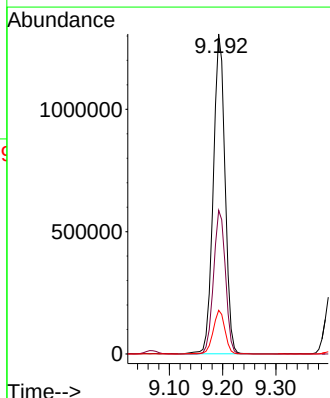
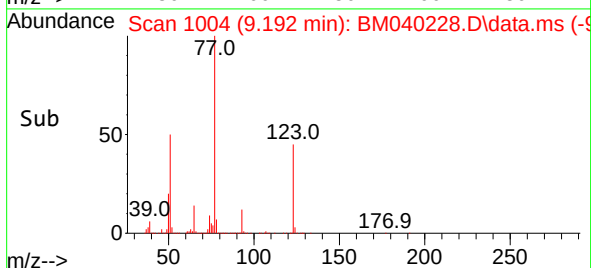
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

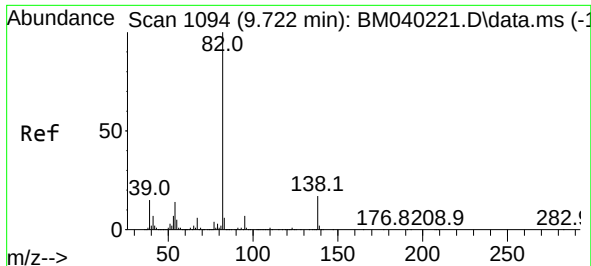


#24  
Nitrobenzene  
Concen: 41.762 ng  
RT: 9.192 min Scan# 1004  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



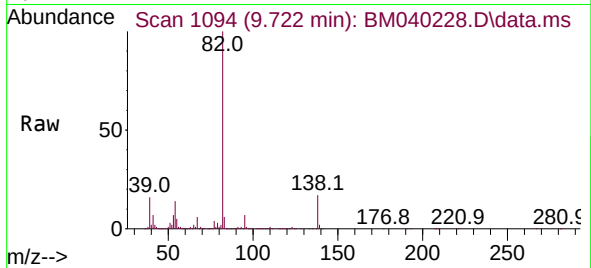
Tgt Ion: 77 Resp: 2003265  
Ion Ratio Lower Upper  
77 100  
123 44.9 37.0 55.4  
65 13.7 10.7 16.1





#25  
Isophorone  
Concen: 41.188 ng  
RT: 9.722 min Scan# 1094  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

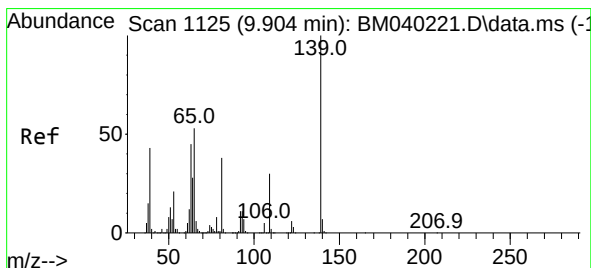
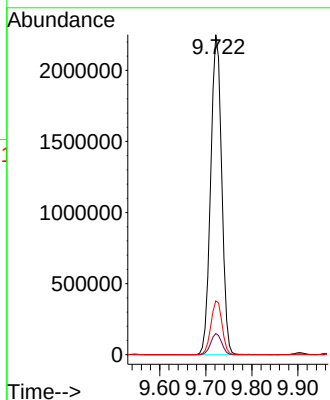
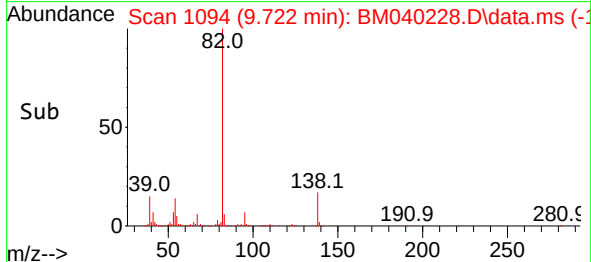
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion: 82 Resp: 374029  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.4 8.2  
138 16.8 13.8 20.6

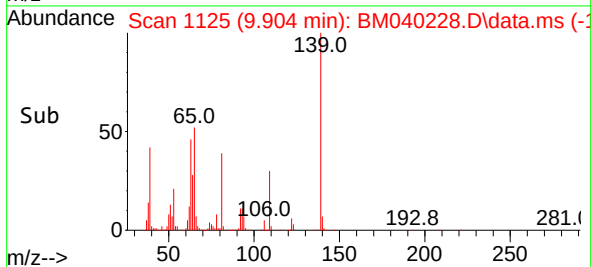
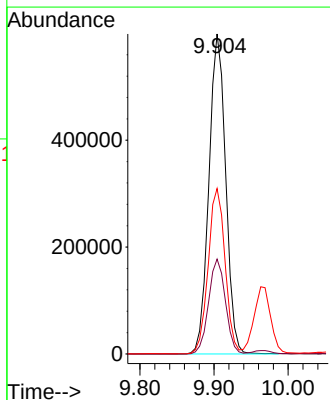
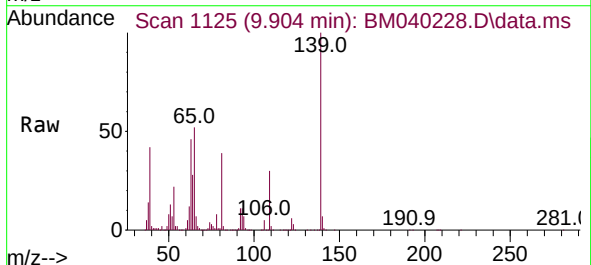
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

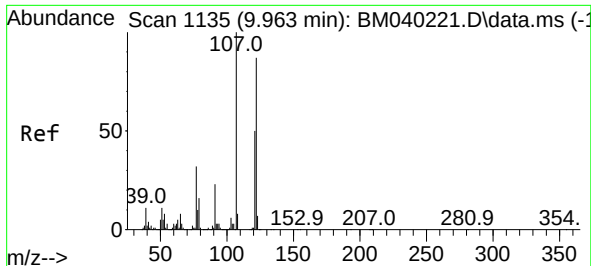


#26  
2-Nitrophenol  
Concen: 45.975 ng  
RT: 9.904 min Scan# 1125  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Tgt Ion:139 Resp: 942473  
Ion Ratio Lower Upper  
139 100  
109 29.6 23.9 35.9  
65 51.7 42.1 63.1







#27

2,4-Dimethylphenol

Concen: 47.998 ng

RT: 9.969 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BM040228.D

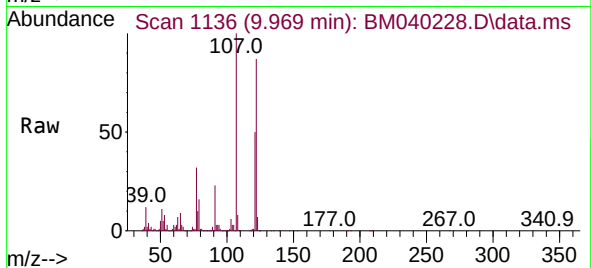
Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD



Tgt Ion:122 Resp: 182967

Ion Ratio Lower Upper

122 100

107 115.6 91.9 137.9

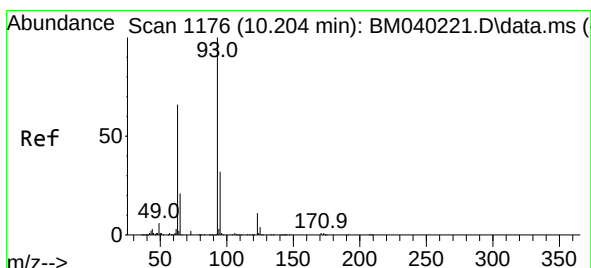
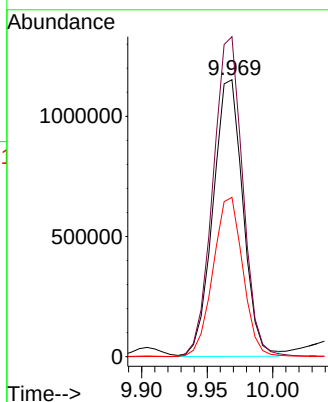
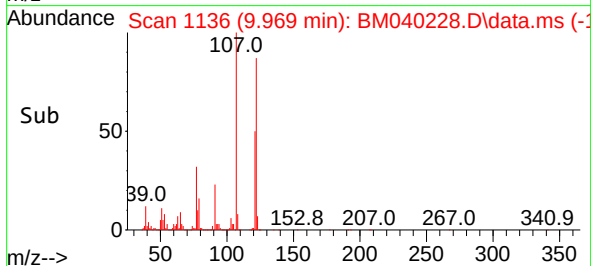
121 57.6 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.261 ng

RT: 10.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

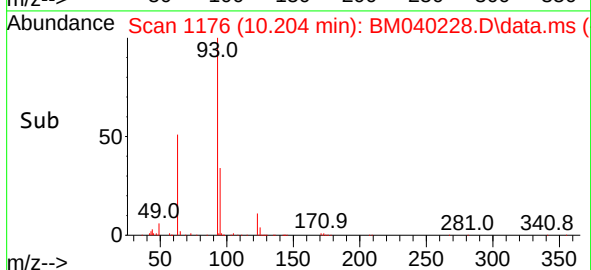
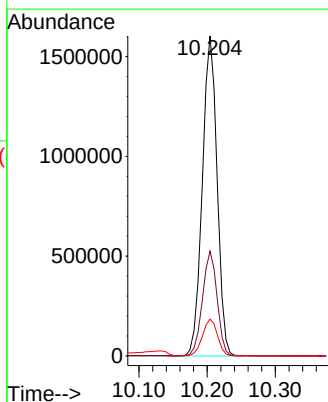
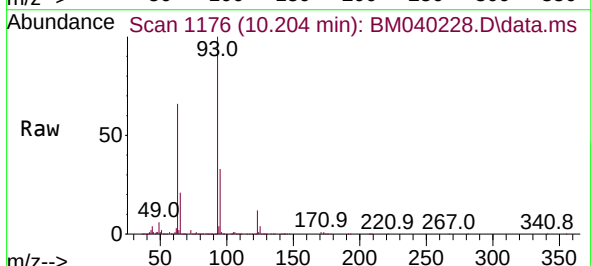
Tgt Ion: 93 Resp: 2412219

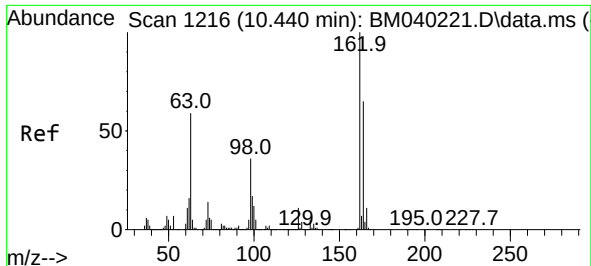
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

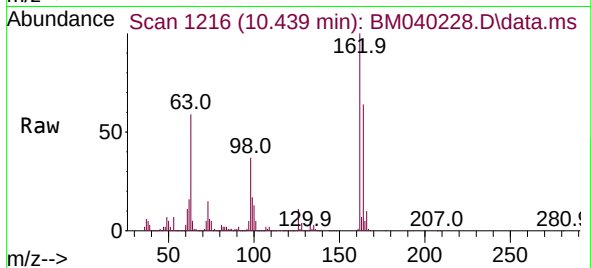
123 11.5 9.3 13.9





#29  
2,4-Dichlorophenol  
Concen: 47.837 ng  
RT: 10.439 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

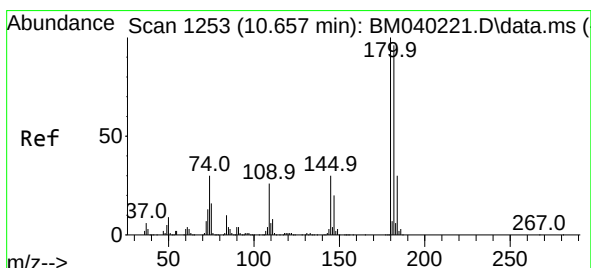
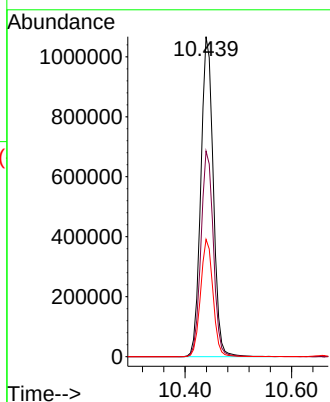
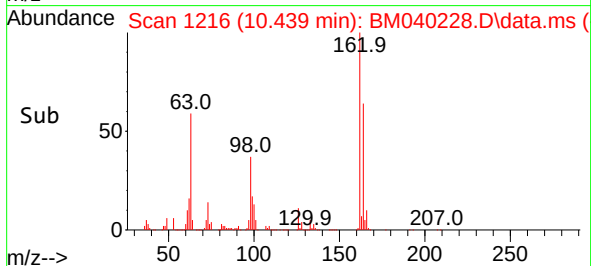
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



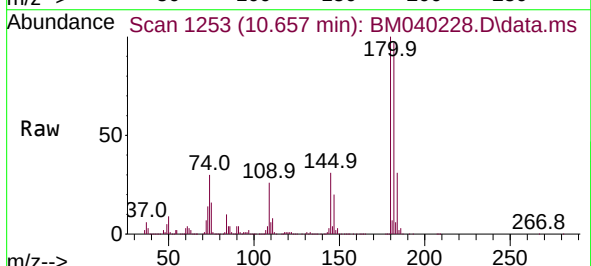
Tgt Ion:162 Resp: 1727558  
Ion Ratio Lower Upper  
162 100  
164 64.2 44.5 84.5  
98 36.6 16.1 56.1

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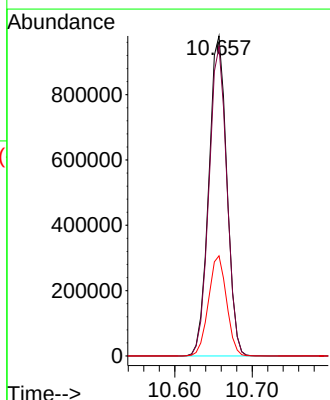
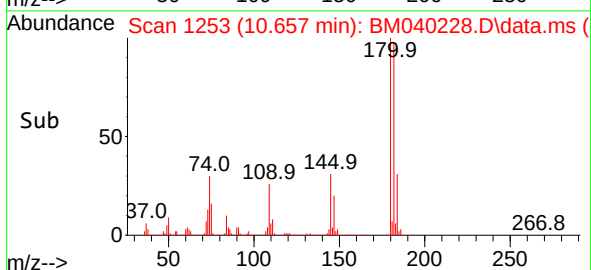
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

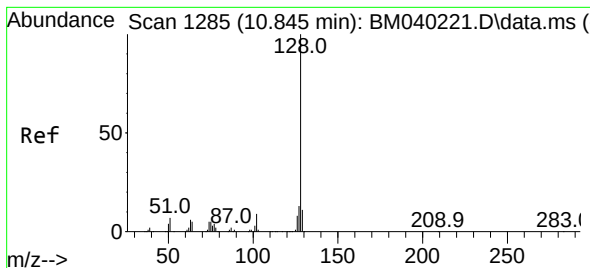


#30  
1,2,4-Trichlorobenzene  
Concen: 43.058 ng  
RT: 10.657 min Scan# 1253  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



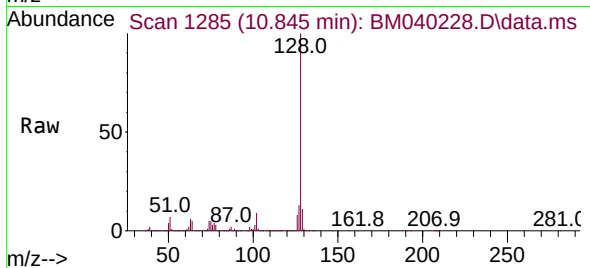
Tgt Ion:180 Resp: 1584635  
Ion Ratio Lower Upper  
180 100  
182 96.7 76.6 114.8  
145 31.3 24.3 36.5





#31  
Naphthalene  
Concen: 41.259 ng  
RT: 10.845 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

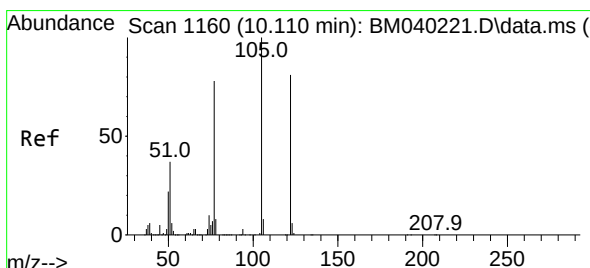
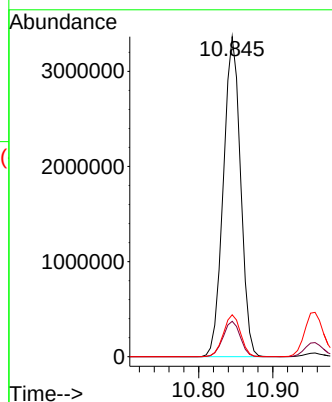
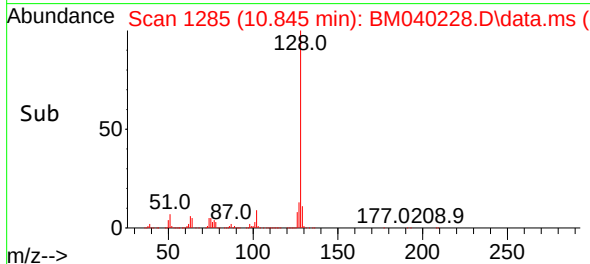
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:128 Resp: 542487  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.1 10.4 15.6

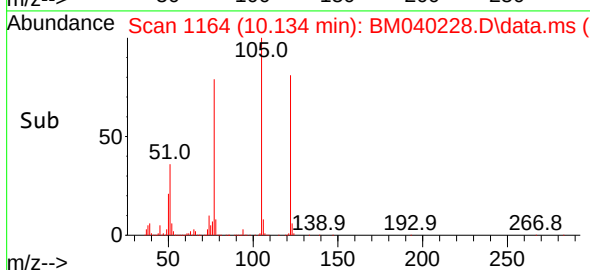
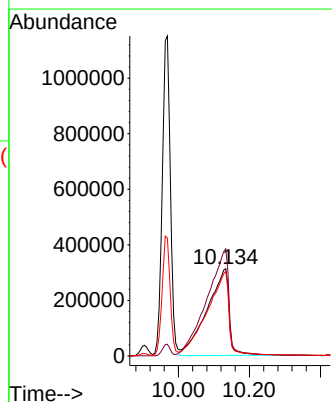
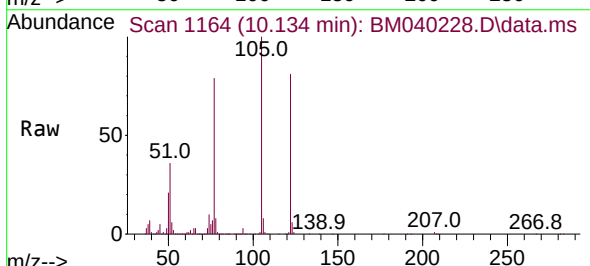
Manual Integrations  
APPROVED

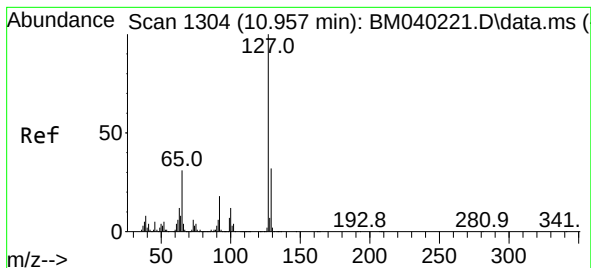
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#32  
Benzoic acid  
Concen: 45.348 ng  
RT: 10.134 min Scan# 1164  
Delta R.T. 0.024 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

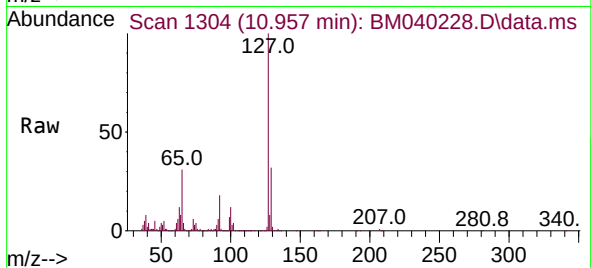
Tgt Ion:122 Resp: 1353843  
Ion Ratio Lower Upper  
122 100  
105 123.0 100.4 140.4  
77 97.2 75.0 115.0





#33  
4-Chloroaniline  
Concen: 14.839 ng  
RT: 10.957 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

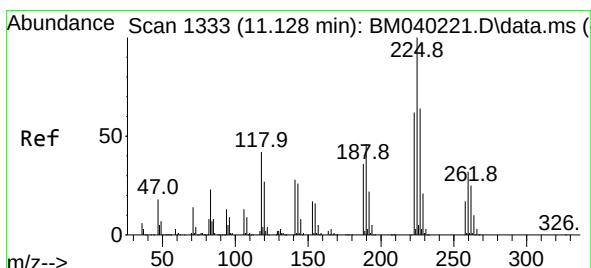
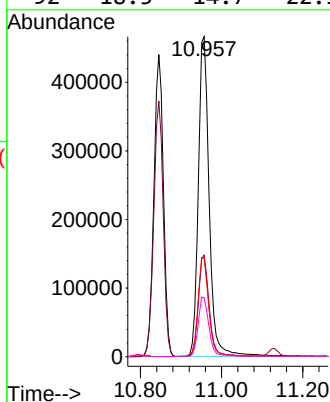
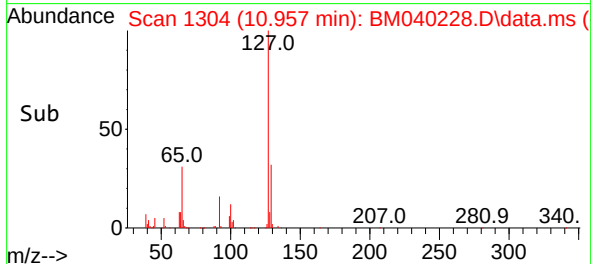
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



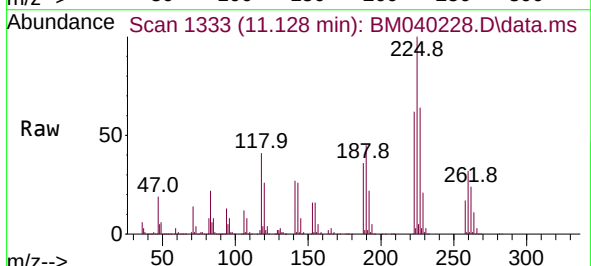
Tgt Ion:127 Resp: 872689  
Ion Ratio Lower Upper  
127 100  
129 31.7 25.7 38.5  
65 30.7 24.6 36.8  
92 18.5 14.7 22.1

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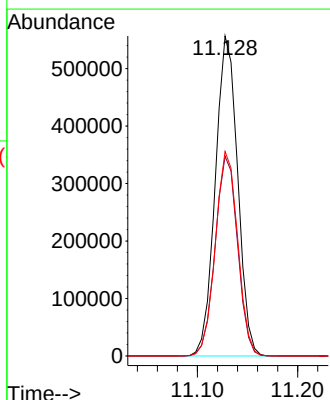
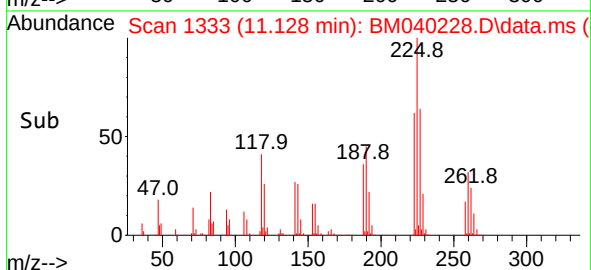
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

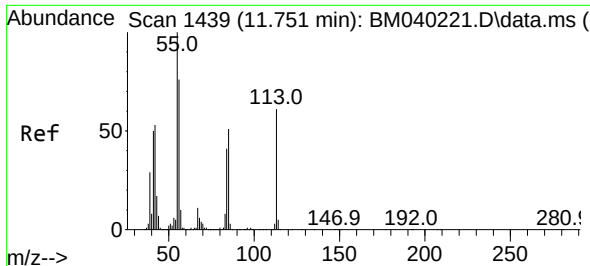


#34  
Hexachlorobutadiene  
Concen: 41.580 ng  
RT: 11.128 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



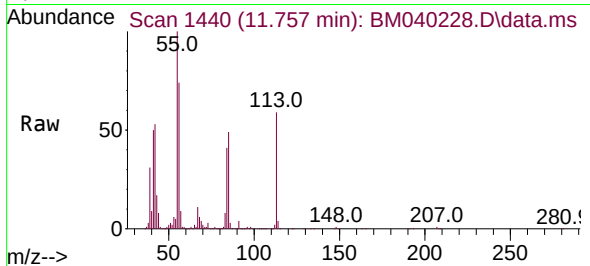
Tgt Ion:225 Resp: 860254  
Ion Ratio Lower Upper  
225 100  
223 62.4 49.5 74.3  
227 63.9 51.1 76.7





#35  
Caprolactam  
Concen: 43.071 ng m  
RT: 11.757 min Scan# 1439  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

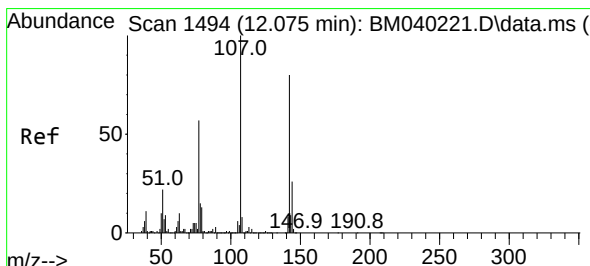
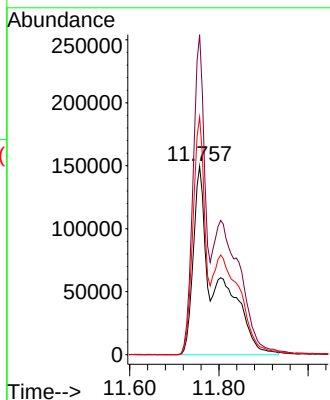
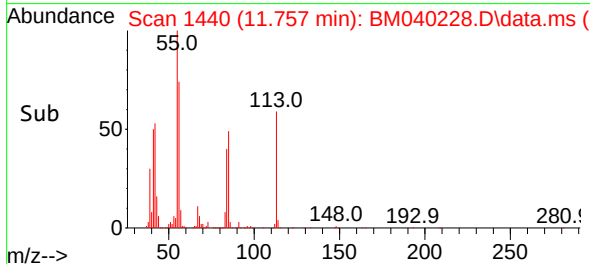
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



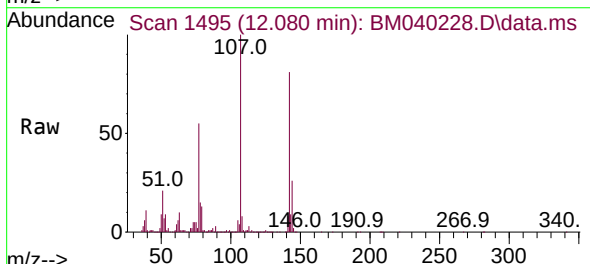
Tgt Ion:113 Resp: 542049  
Ion Ratio Lower Upper  
113 100  
55 169.9 144.6 184.6  
56 126.1 105.5 145.5

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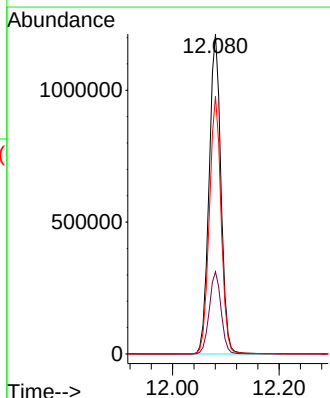
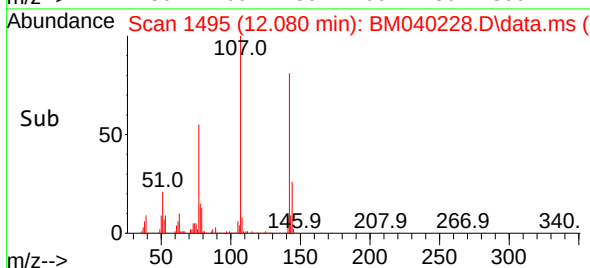
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

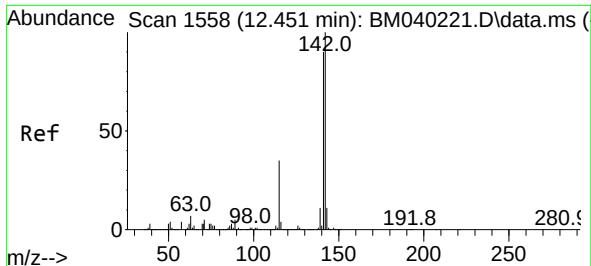


#36  
4-Chloro-3-methylphenol  
Concen: 44.709 ng  
RT: 12.080 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



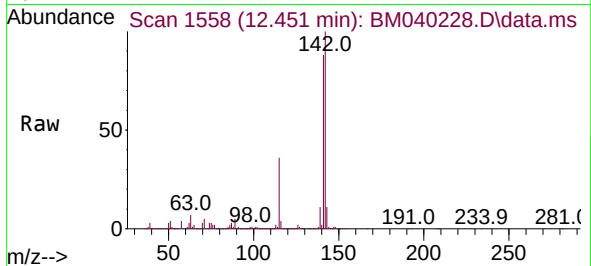
Tgt Ion:107 Resp: 1872879  
Ion Ratio Lower Upper  
107 100  
144 25.7 20.7 31.1  
142 80.6 64.2 96.2





#37  
2-Methylnaphthalene  
Concen: 40.003 ng  
RT: 12.451 min Scan# 1558  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

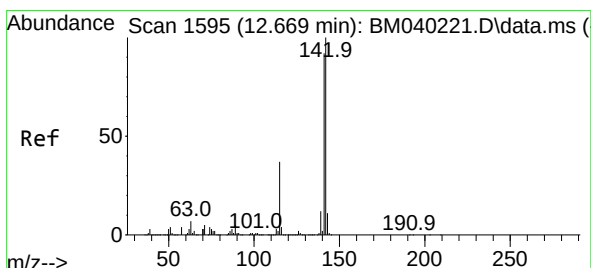
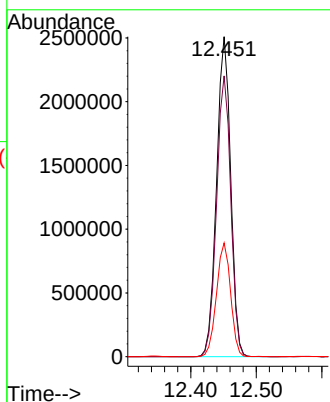
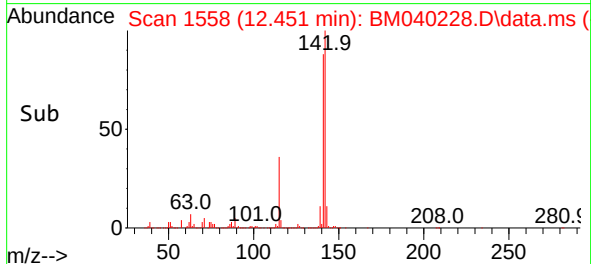
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



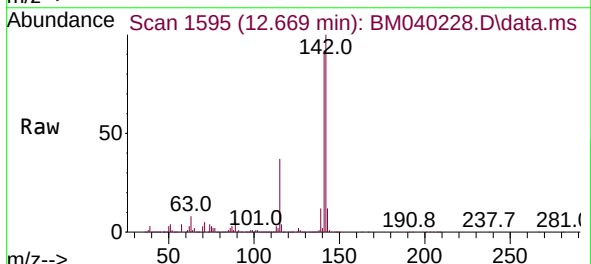
Tgt Ion:142 Resp: 372899  
Ion Ratio Lower Upper  
142 100  
141 87.8 71.8 107.8  
115 35.5 28.4 42.6

Manual Integrations  
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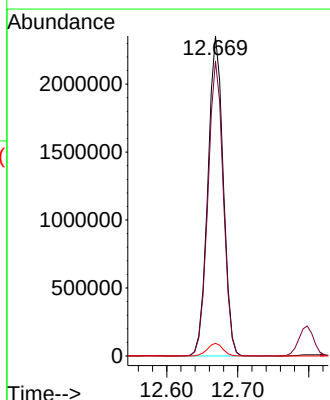
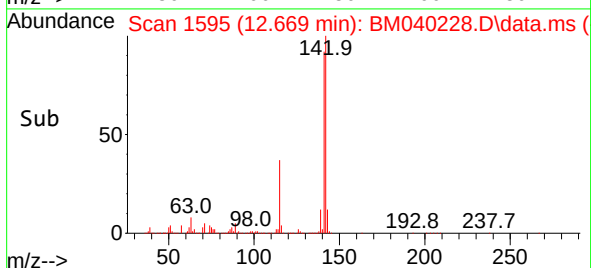
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

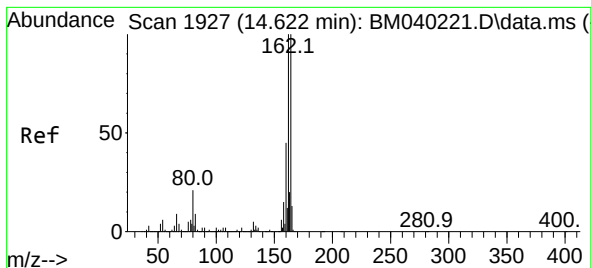


#38  
1-Methylnaphthalene  
Concen: 40.117 ng  
RT: 12.669 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



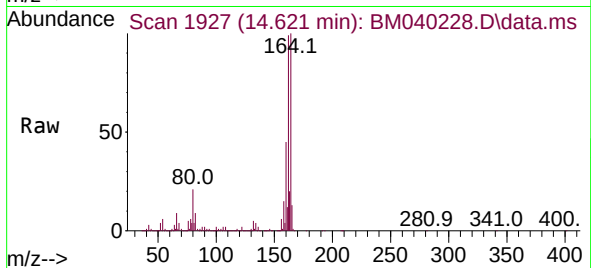
Tgt Ion:142 Resp: 3531989  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.2 109.8  
116 4.0 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.621 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

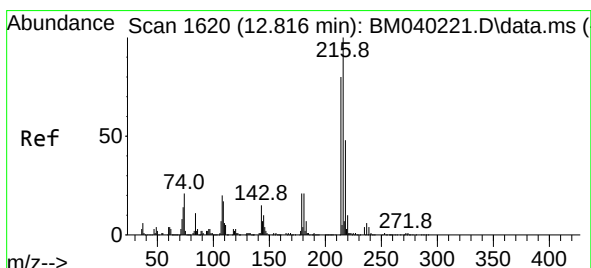
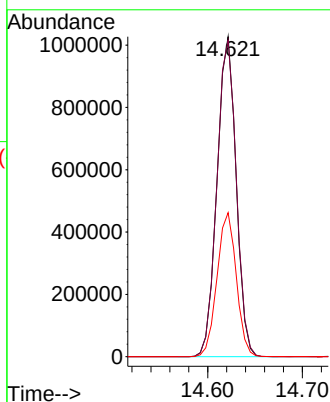
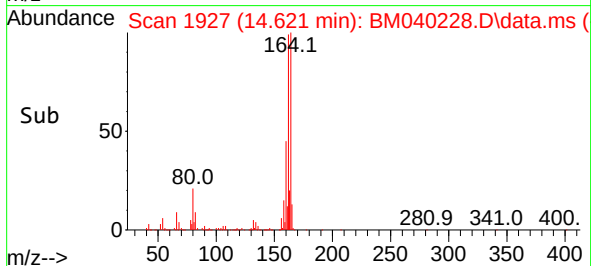
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:164 Resp: 1439594  
Ion Ratio Lower Upper  
164 100  
162 98.9 79.9 119.9  
160 45.0 36.2 54.2

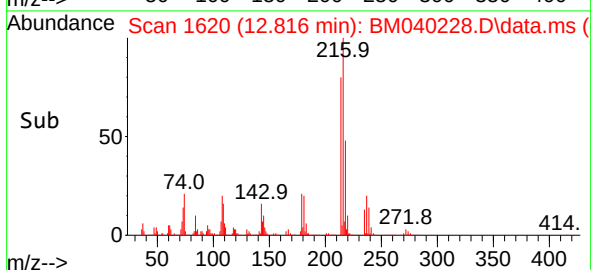
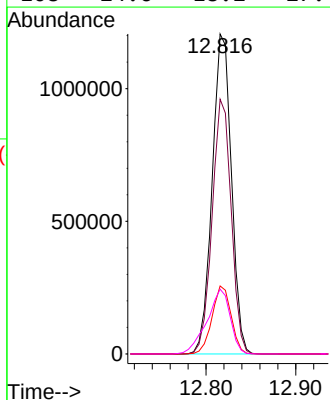
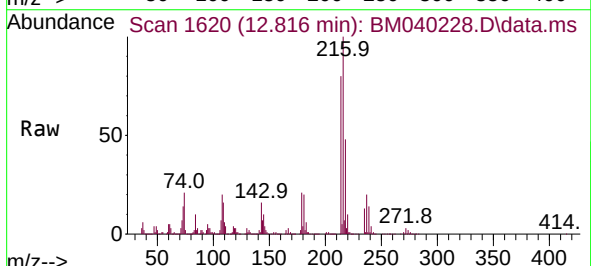
Manual Integrations  
APPROVED

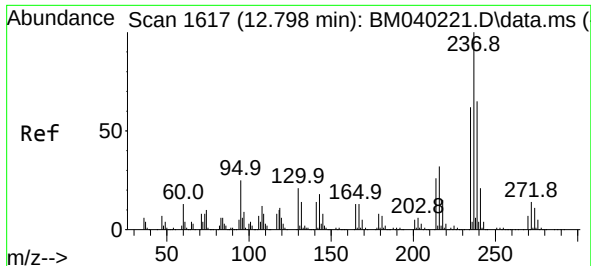
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.782 ng  
RT: 12.816 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

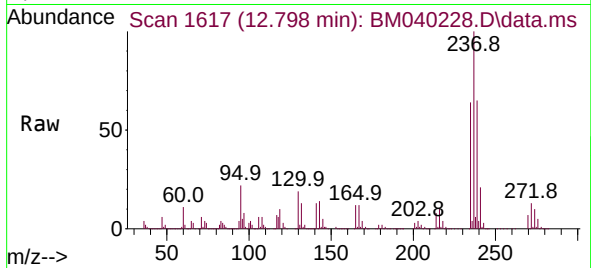
Tgt Ion:216 Resp: 1792644  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.0 94.6  
179 21.1 17.3 25.9  
108 24.6 18.2 27.4





#41  
Hexachlorocyclopentadiene  
Concen: 111.233 ng  
RT: 12.798 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

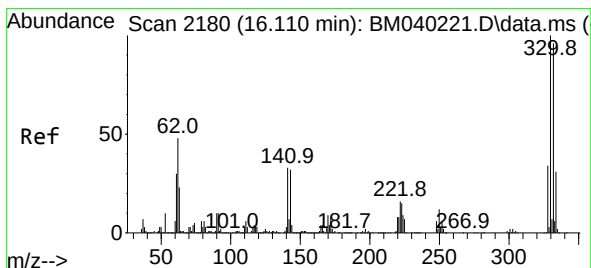
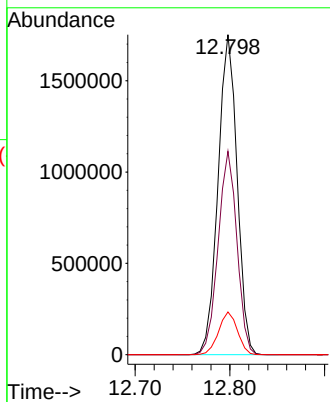
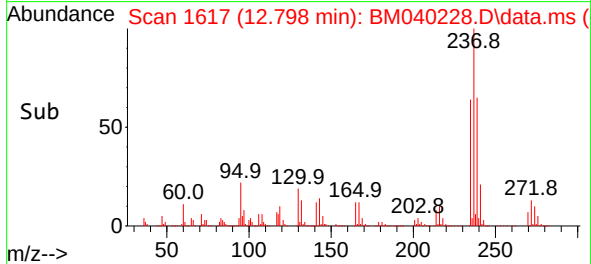
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



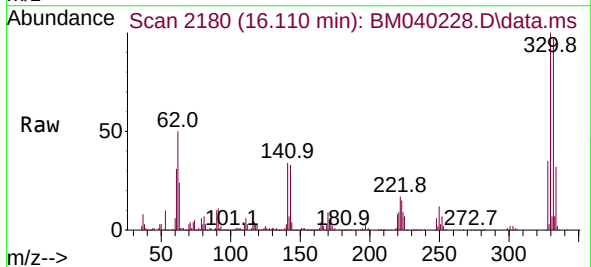
Tgt Ion:237 Resp: 244937  
Ion Ratio Lower Upper  
237 100  
235 63.6 42.1 82.1  
272 13.3 0.0 33.7

Manual Integrations  
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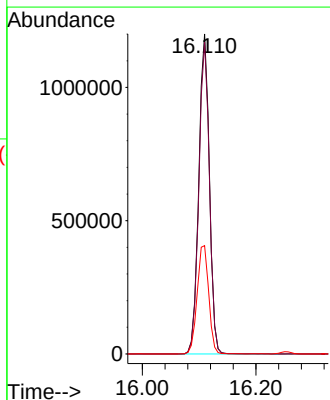
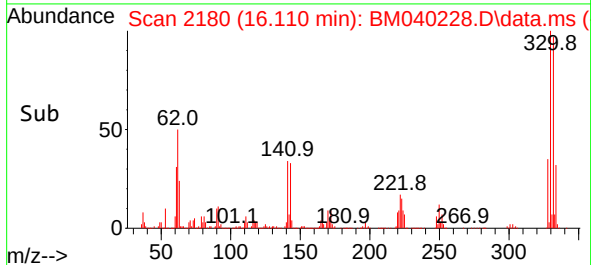
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



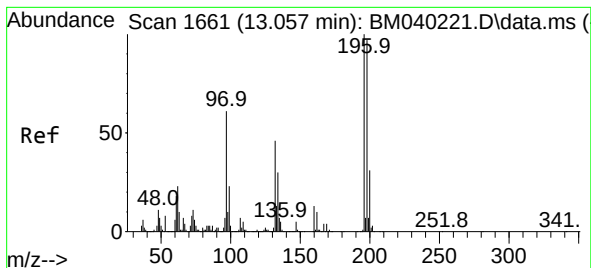
#42  
2,4,6-Tribromophenol  
Concen: 77.749 ng  
RT: 16.110 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



Tgt Ion:330 Resp: 1561379  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.5 116.3  
141 36.9 30.0 45.0

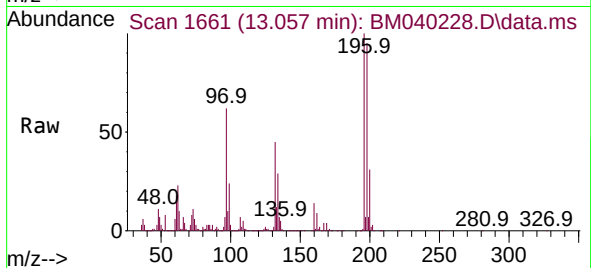






#43  
2,4,6-Trichlorophenol  
Concen: 46.293 ng  
RT: 13.057 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

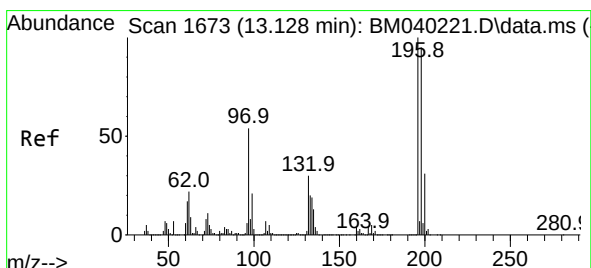
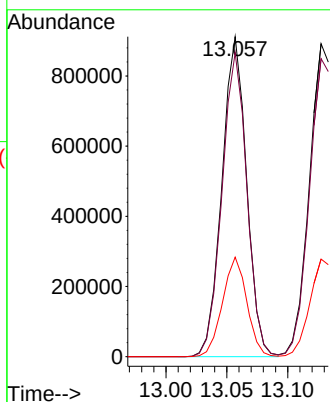
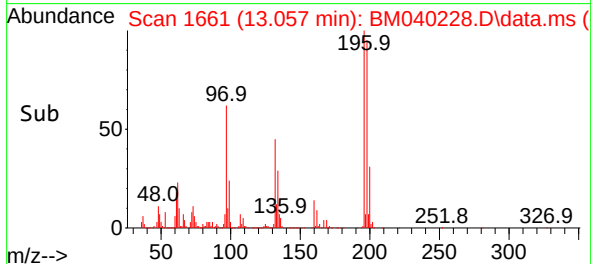
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



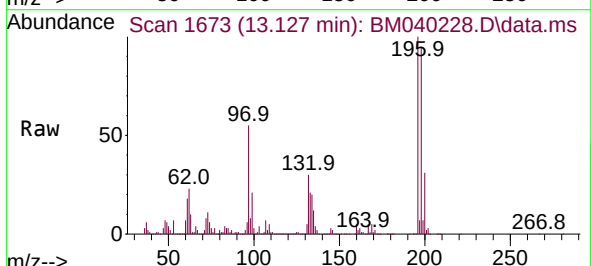
Tgt Ion:196 Resp: 128505  
Ion Ratio Lower Upper  
196 100  
198 95.0 77.8 116.8  
200 31.1 24.9 37.3

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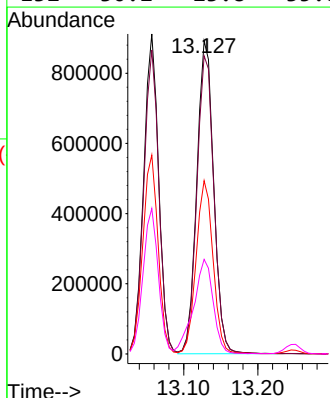
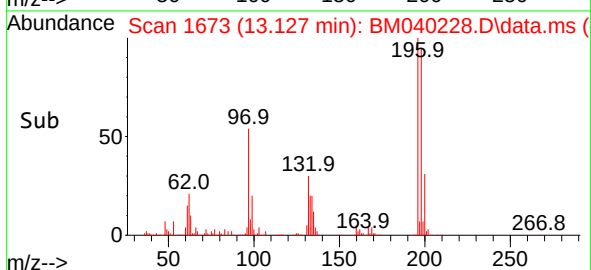
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

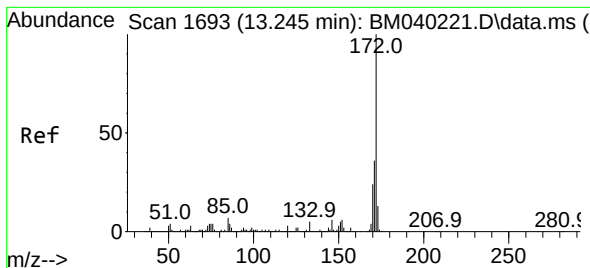


#44  
2,4,5-Trichlorophenol  
Concen: 42.780 ng  
RT: 13.127 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



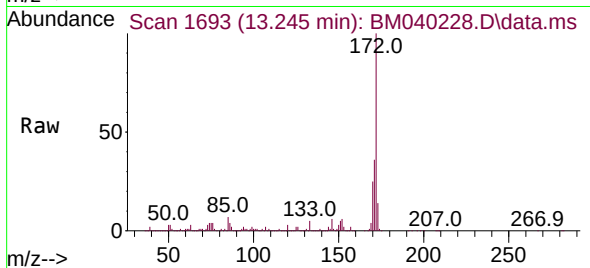
Tgt Ion:196 Resp: 1414656  
Ion Ratio Lower Upper  
196 100  
198 95.2 75.9 113.9  
97 55.4 43.0 64.6  
132 30.2 23.8 35.8





#45  
2-Fluorobiphenyl  
Concen: 83.594 ng  
RT: 13.245 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

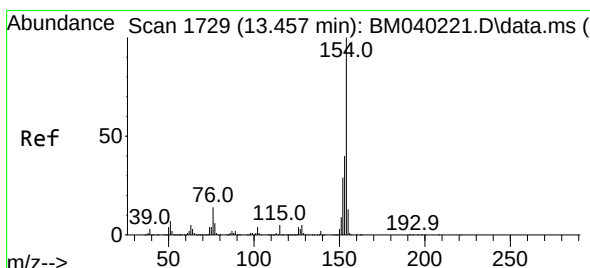
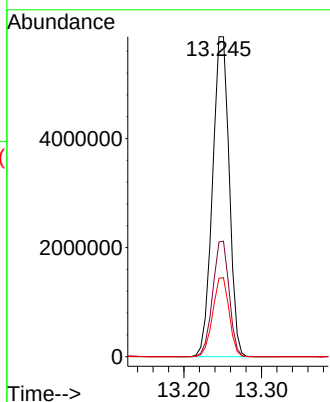
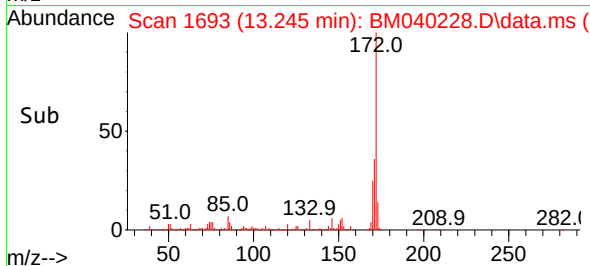
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



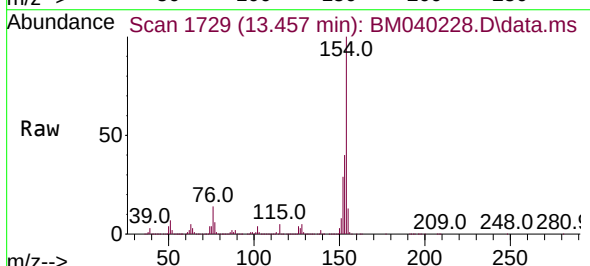
Tgt Ion:172 Resp: 8767269  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 24.5 19.5 29.3

Manual Integrations  
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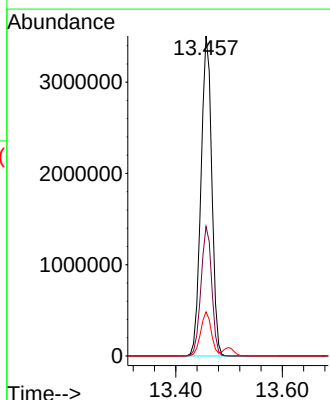
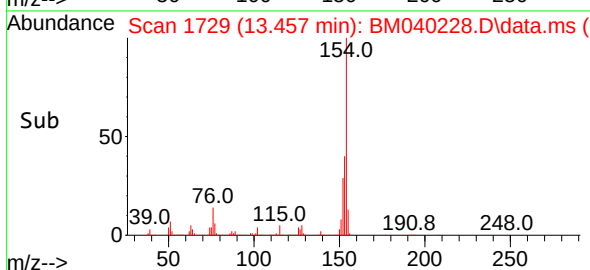
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

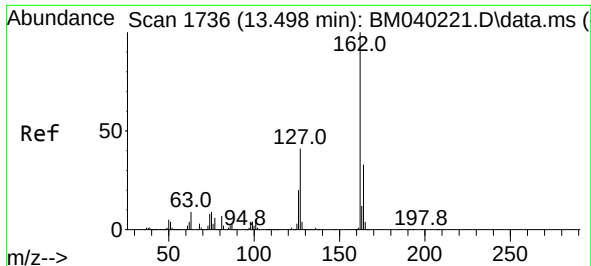


#46  
1,1'-Biphenyl  
Concen: 43.318 ng  
RT: 13.457 min Scan# 1729  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



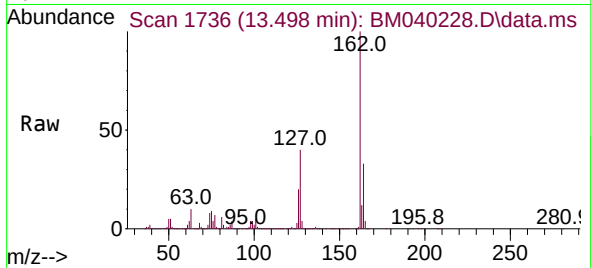
Tgt Ion:154 Resp: 4922212  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.5 60.5  
76 13.8 0.0 33.7





#47  
2-Chloronaphthalene  
Concen: 43.976 ng  
RT: 13.498 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

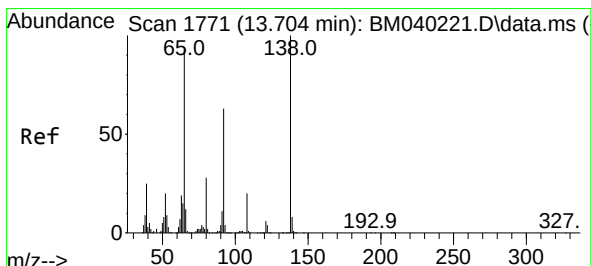
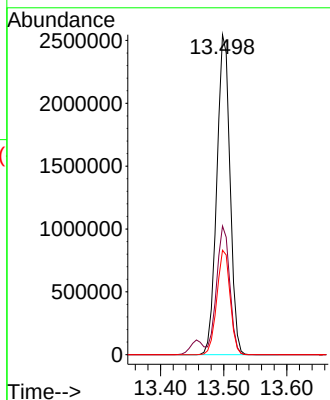
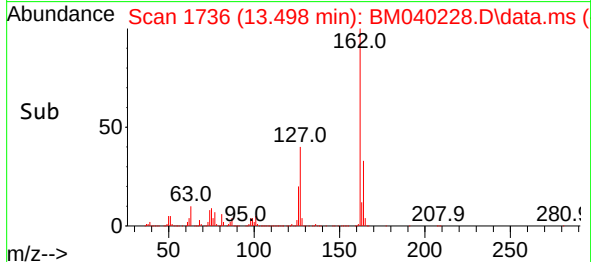
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



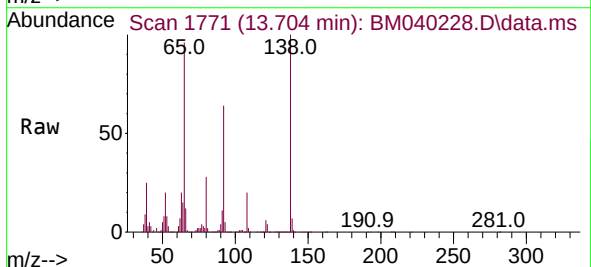
Tgt Ion:162 Resp: 3700510  
Ion Ratio Lower Upper  
162 100  
127 40.2 32.7 49.1  
164 32.7 26.6 40.0

Manual Integrations  
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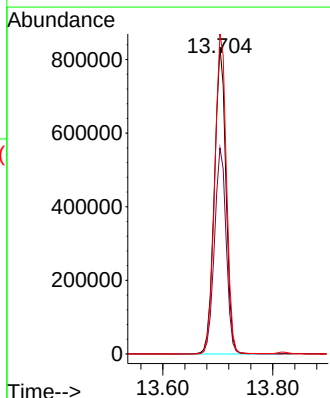
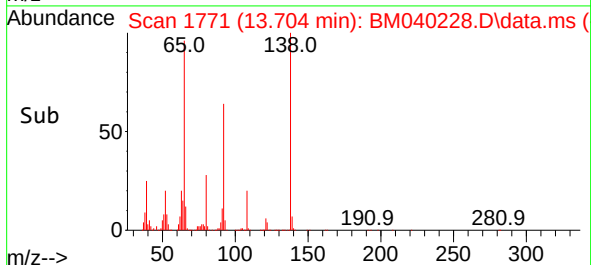
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

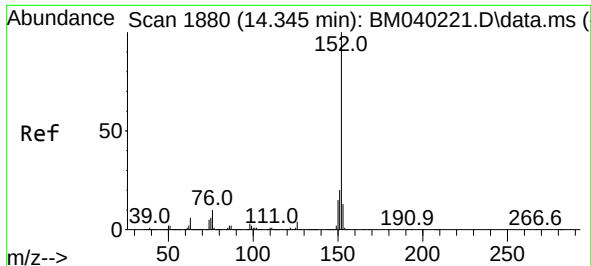


#48  
2-Nitroaniline  
Concen: 44.290 ng  
RT: 13.704 min Scan# 1771  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



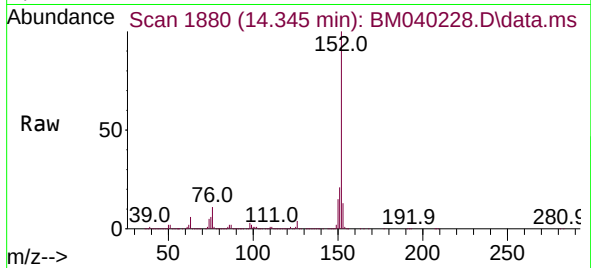
Tgt Ion: 65 Resp: 1228606  
Ion Ratio Lower Upper  
65 100  
92 67.1 54.1 81.1  
138 104.3 86.0 129.0





#49  
Acenaphthylene  
Concen: 42.244 ng  
RT: 14.345 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

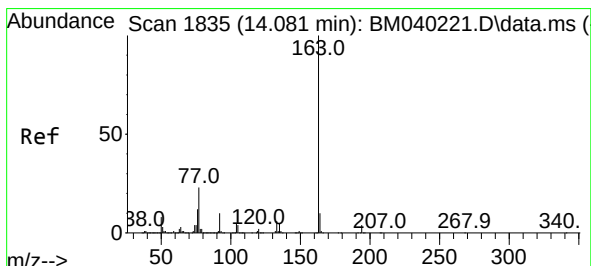
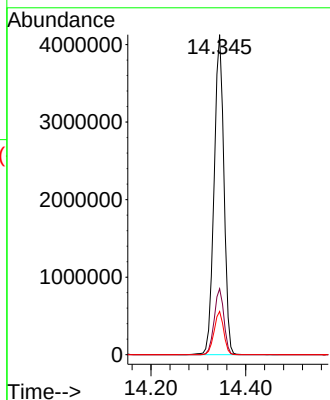
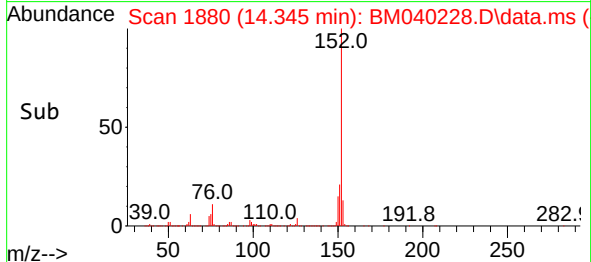
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



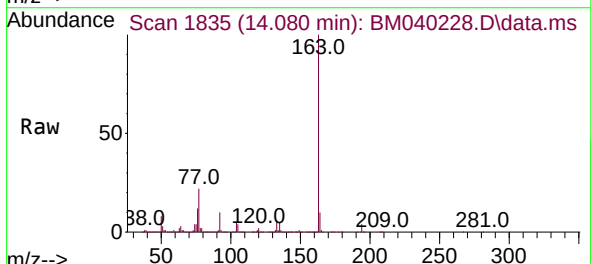
Tgt Ion:152 Resp: 5929578  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.2  
153 13.5 10.6 15.8

Manual Integrations  
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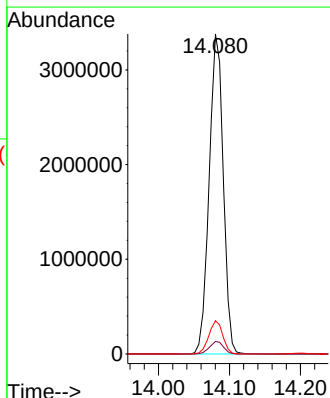
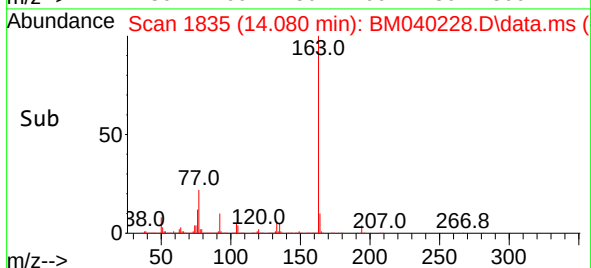
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

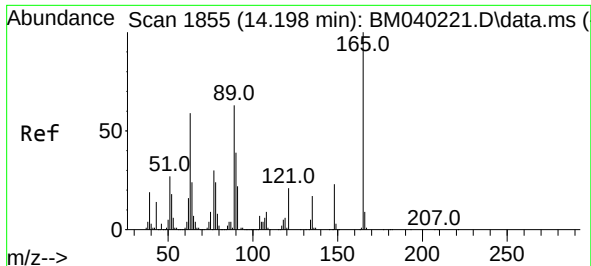


#50  
Dimethylphthalate  
Concen: 40.689 ng  
RT: 14.080 min Scan# 1835  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



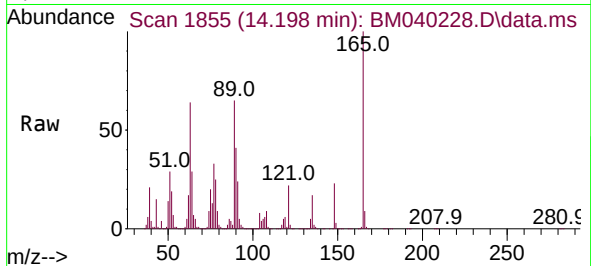
Tgt Ion:163 Resp: 4661120  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.4 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 43.022 ng  
RT: 14.198 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

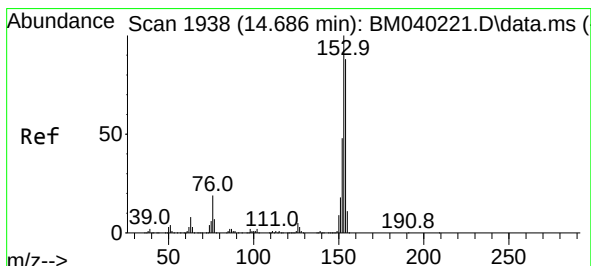
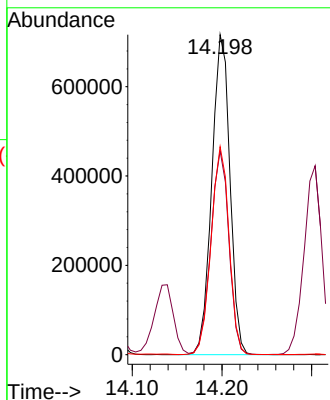
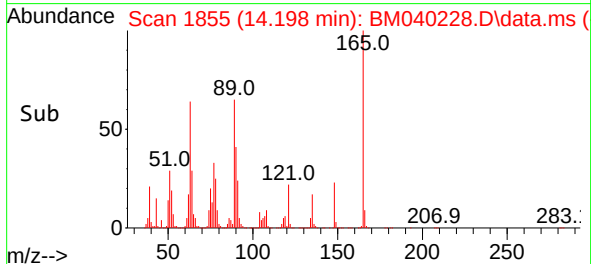
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:165 Resp: 100276  
Ion Ratio Lower Upper  
165 100  
63 63.7 49.8 74.8  
89 65.0 50.2 75.4

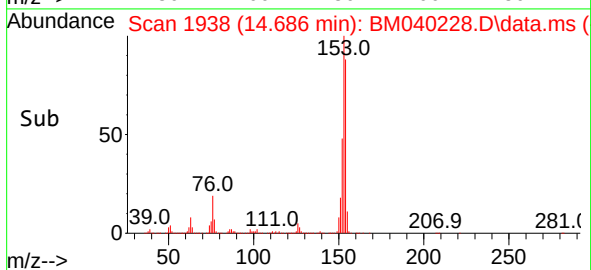
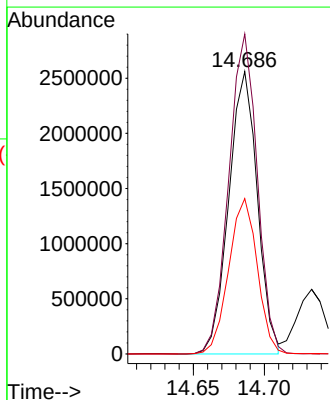
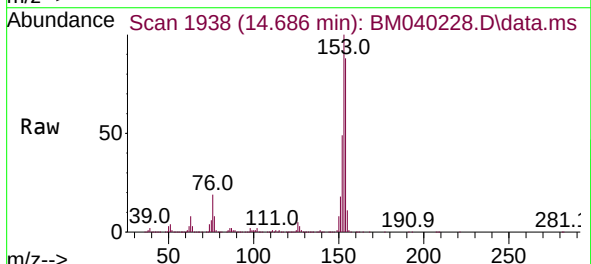
Manual Integrations  
APPROVED

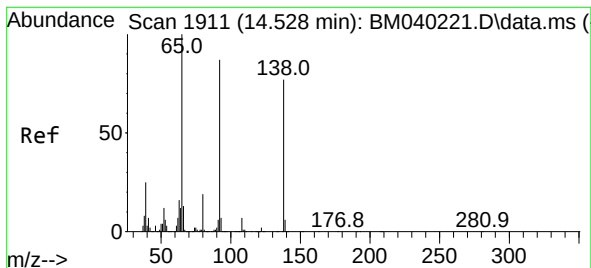
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#52  
Acenaphthene  
Concen: 41.829 ng  
RT: 14.686 min Scan# 1938  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

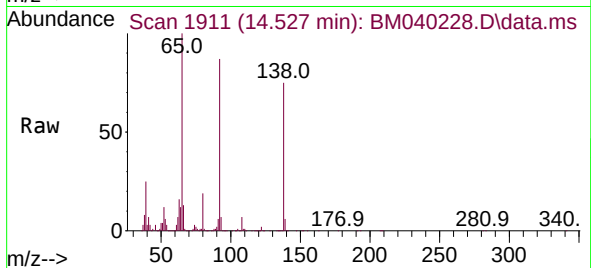
Tgt Ion:154 Resp: 3582026  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.9 136.3  
152 55.0 43.8 65.8





#53  
3-Nitroaniline  
Concen: 30.407 ng  
RT: 14.527 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

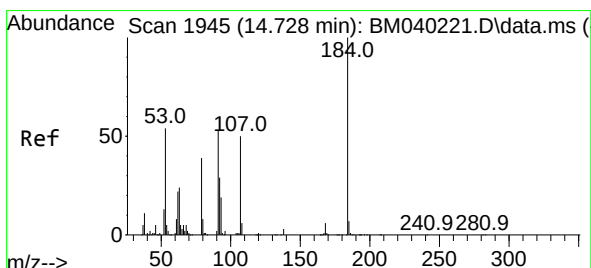
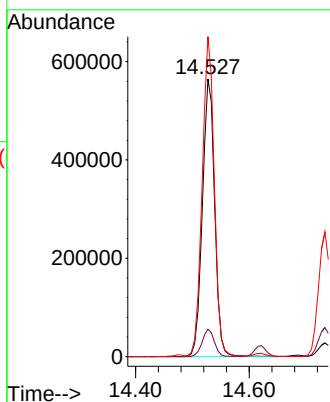
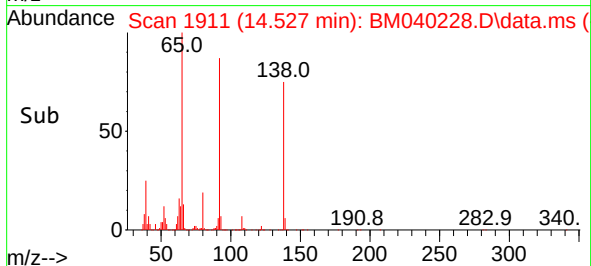
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ClientSampleId :  
PB153264BSD



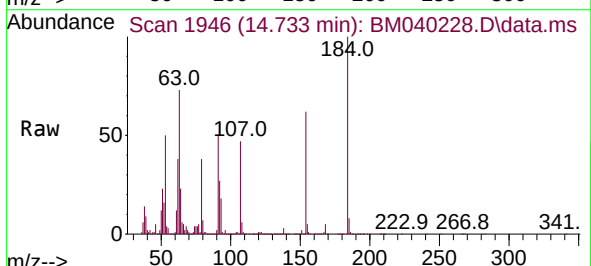
Tgt Ion:138 Resp: 842015  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.7 11.5  
92 115.2 90.3 135.5

Manual Integrations  
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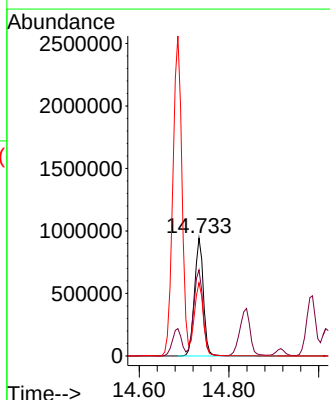
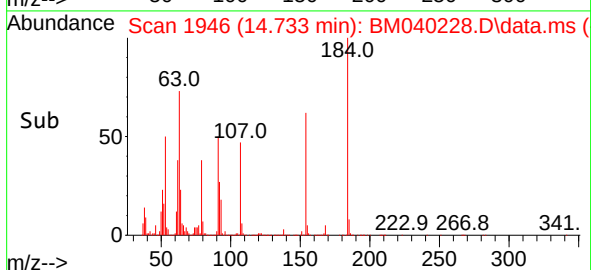
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

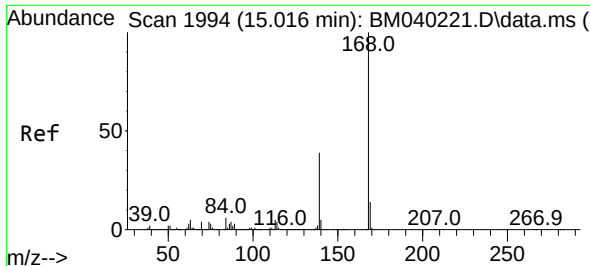


#54  
2,4-Dinitrophenol  
Concen: 86.630 ng  
RT: 14.733 min Scan# 1946  
Delta R.T. 0.005 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



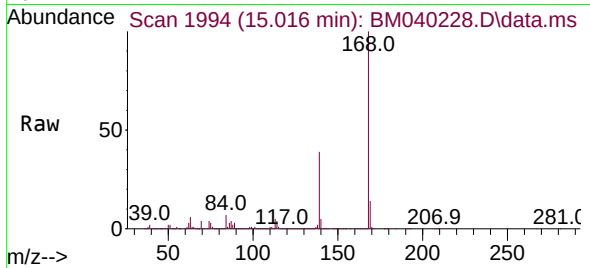
Tgt Ion:184 Resp: 1297375  
Ion Ratio Lower Upper  
184 100  
63 73.1 63.8 95.8  
154 62.1 52.6 79.0





#55  
Dibenzenofuran  
Concen: 40.896 ng  
RT: 15.016 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

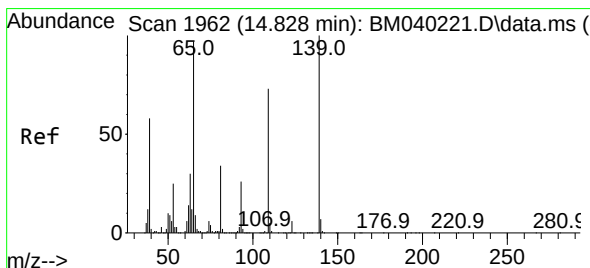
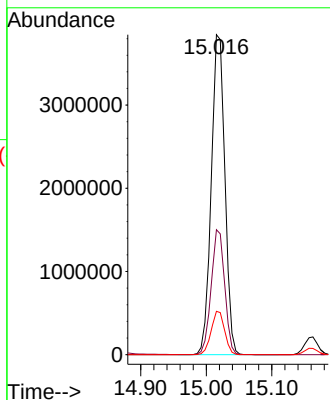
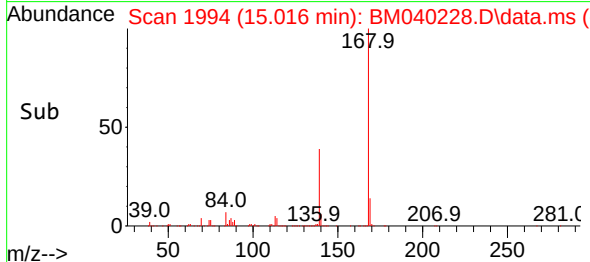
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



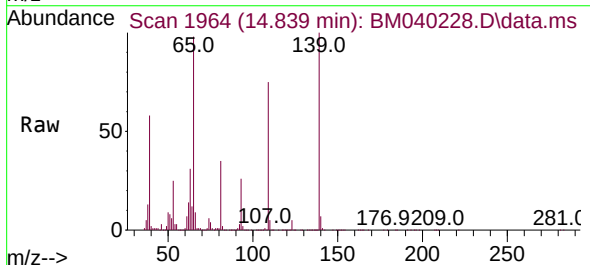
Tgt Ion:168 Resp: 5540024  
Ion Ratio Lower Upper  
168 100  
139 39.0 31.2 46.8  
169 13.5 10.9 16.3

Manual Integrations  
APPROVED

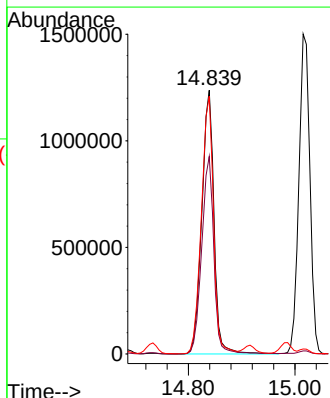
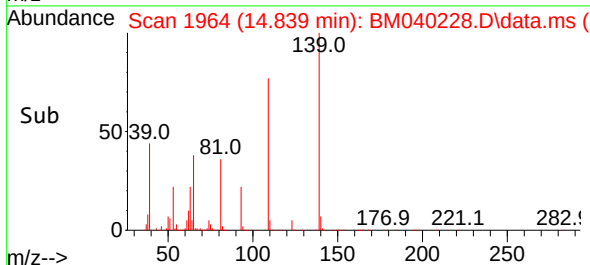
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

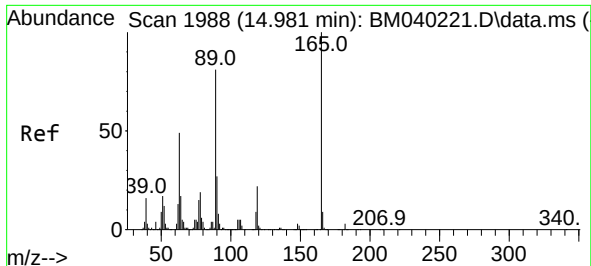


#56  
4-Nitrophenol  
Concen: 90.453 ng  
RT: 14.839 min Scan# 1964  
Delta R.T. 0.011 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



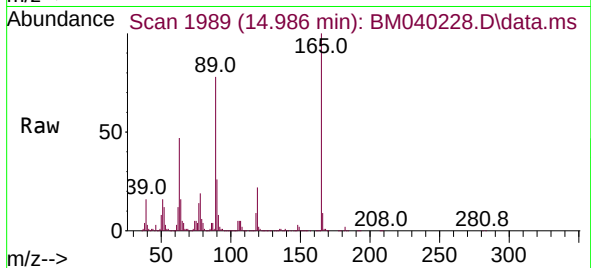
Tgt Ion:139 Resp: 1957798  
Ion Ratio Lower Upper  
139 100  
109 74.9 53.1 93.1  
65 97.8 77.4 117.4





#57  
2,4-Dinitrotoluene  
Concen: 43.197 ng  
RT: 14.986 min Scan# 1988  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

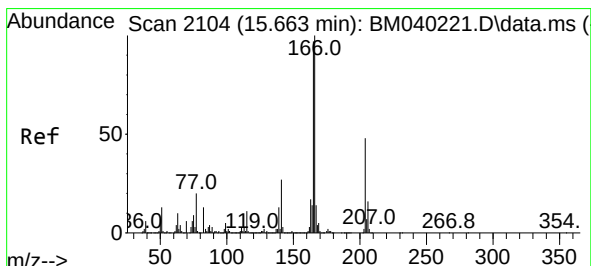
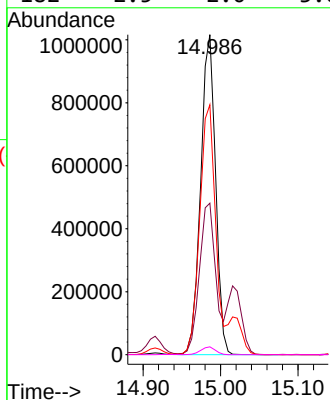
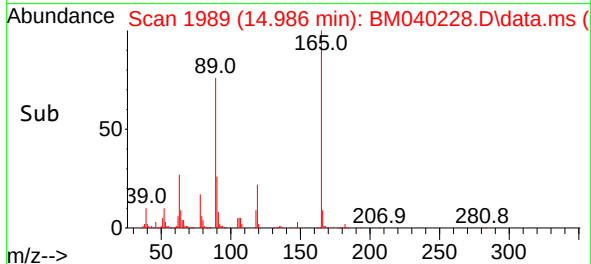
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:165 Resp: 1356849  
Ion Ratio Lower Upper  
165 100  
63 47.3 39.0 58.4  
89 78.1 64.6 96.8  
182 2.5 2.0 3.0

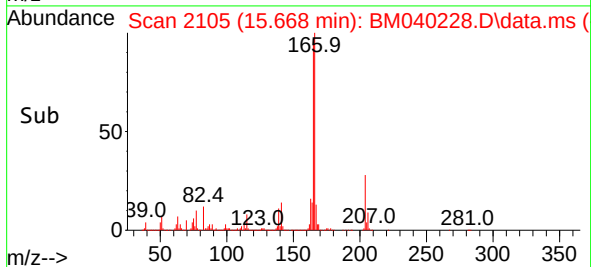
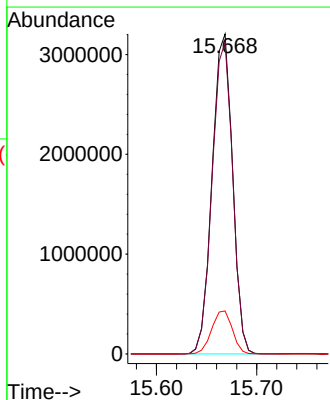
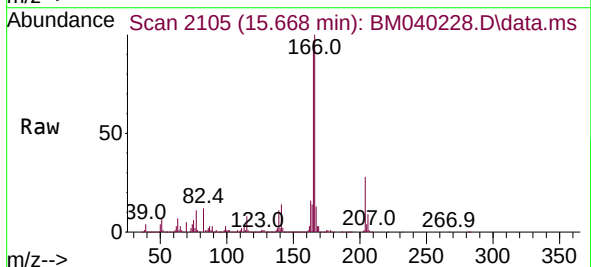
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

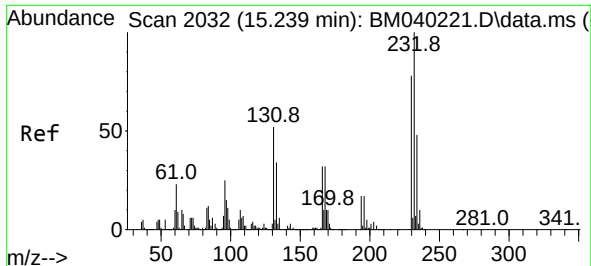


#58  
Fluorene  
Concen: 41.114 ng  
RT: 15.668 min Scan# 2105  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Tgt Ion:166 Resp: 4534576  
Ion Ratio Lower Upper  
166 100  
165 97.4 77.7 116.5  
167 13.4 11.1 16.7

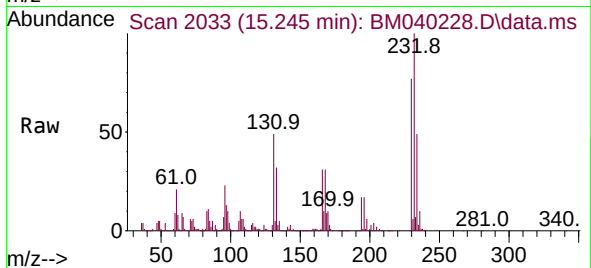






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.811 ng  
RT: 15.245 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

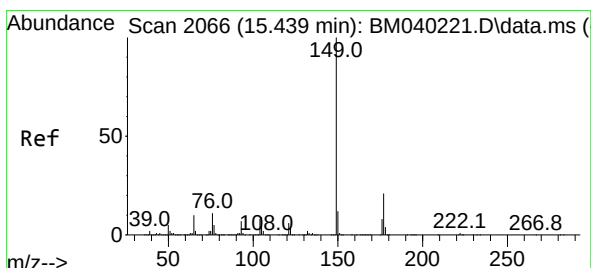
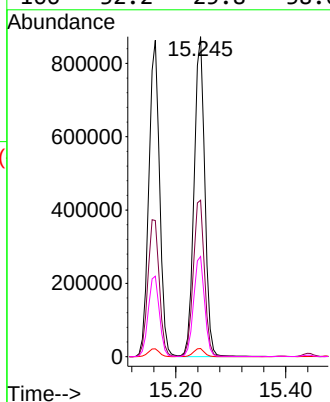
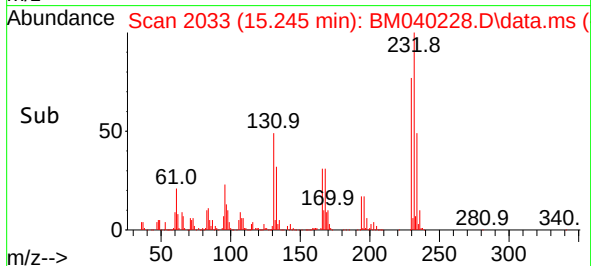
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:232 Resp: 1178434  
Ion Ratio Lower Upper  
232 100  
131 51.1 41.9 62.9  
130 2.7 2.2 3.2  
166 32.2 25.8 38.6

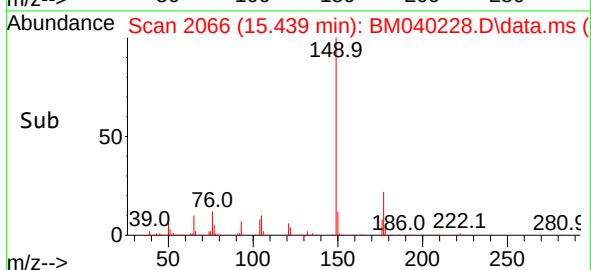
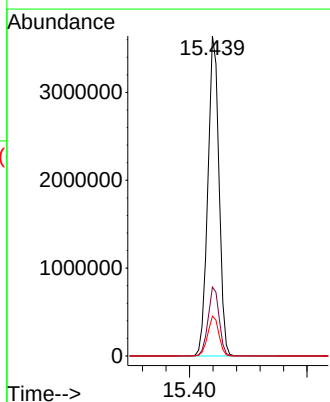
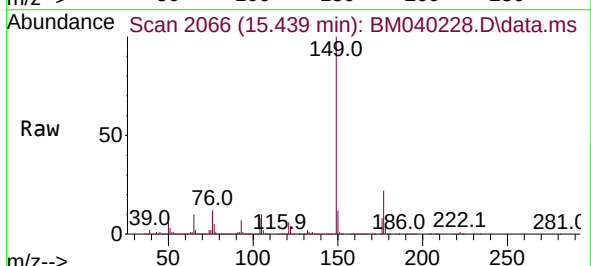
Manual Integrations  
APPROVED

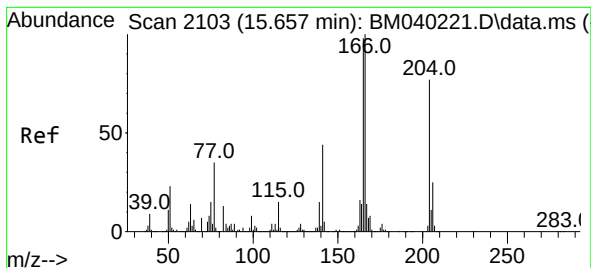
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#60  
Diethylphthalate  
Concen: 40.534 ng  
RT: 15.439 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

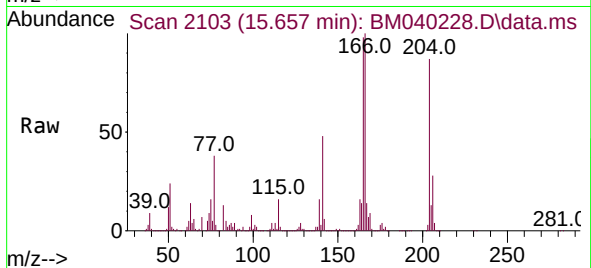
Tgt Ion:149 Resp: 4771112  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.1 25.7  
150 12.4 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 42.041 ng  
RT: 15.657 min Scan# 2103  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

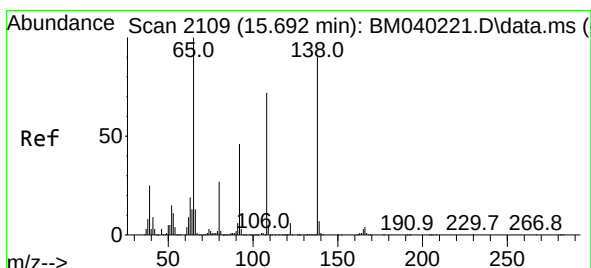
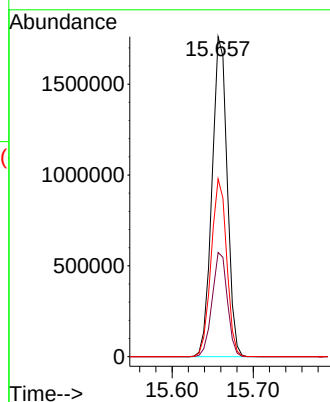
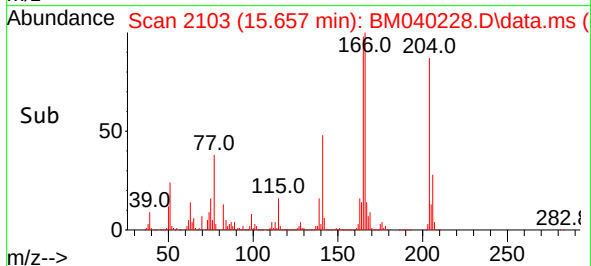
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



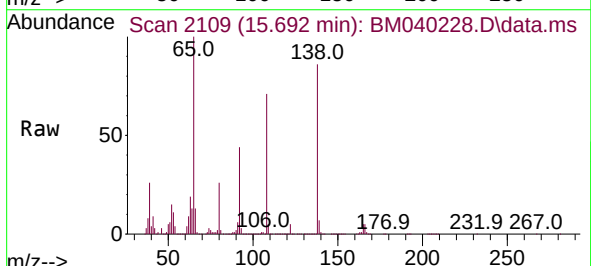
Tgt Ion:204 Resp: 2280489  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.0 39.0  
141 55.5 46.4 69.6

Manual Integrations  
APPROVED

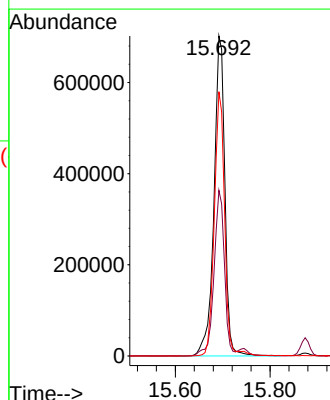
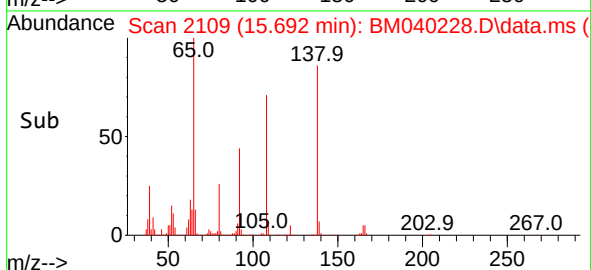
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

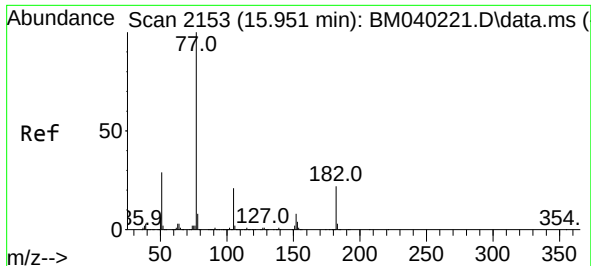


#62  
4-Nitroaniline  
Concen: 39.510 ng  
RT: 15.692 min Scan# 2109  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



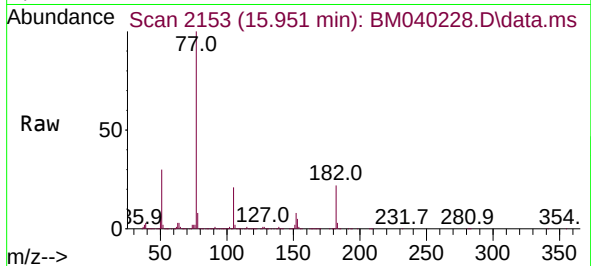
Tgt Ion:138 Resp: 1124233  
Ion Ratio Lower Upper  
138 100  
92 51.7 30.9 70.9  
108 82.6 60.7 100.7





#63  
Azobenzene  
Concen: 41.318 ng  
RT: 15.951 min Scan# 2153  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

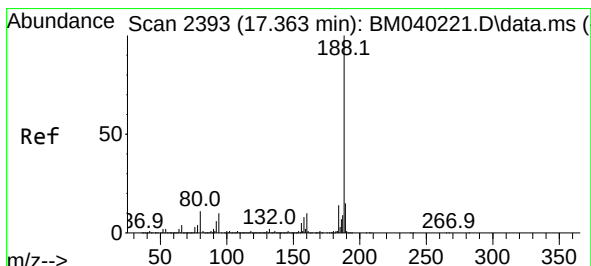
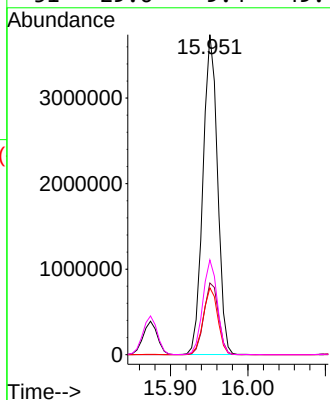
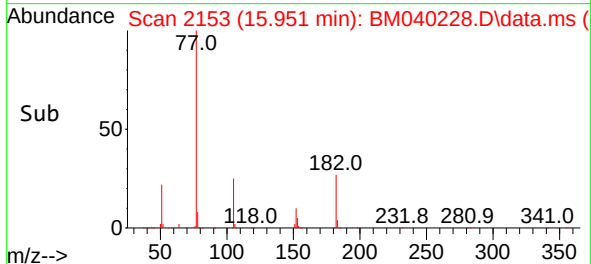
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion: 77 Resp: 488395  
Ion Ratio Lower Upper  
77 100  
182 22.4 2.1 42.1  
105 20.9 1.2 41.2  
51 29.6 9.4 49.4

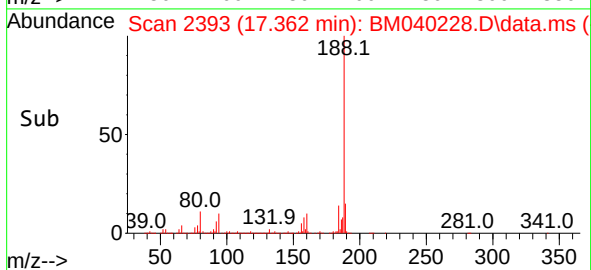
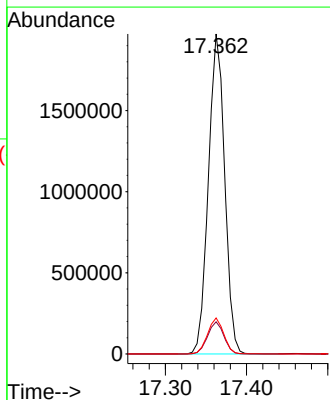
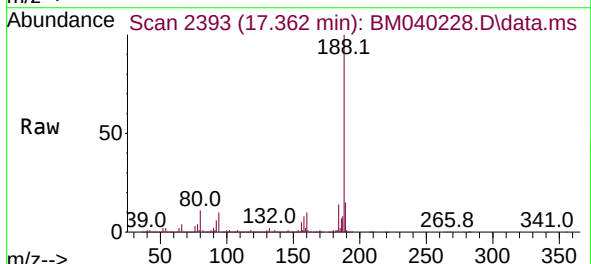
Manual Integrations  
APPROVED

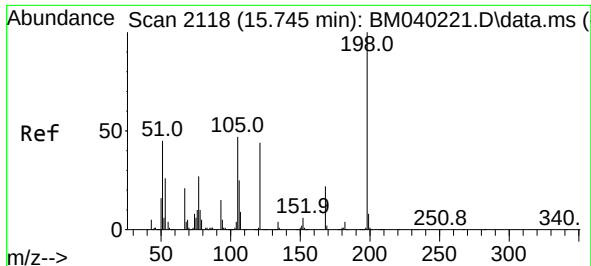
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.362 min Scan# 2393  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

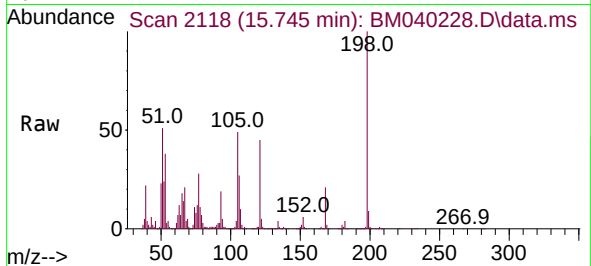
Tgt Ion:188 Resp: 2739866  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.8 11.6  
80 11.2 8.6 12.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.034 ng  
RT: 15.745 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

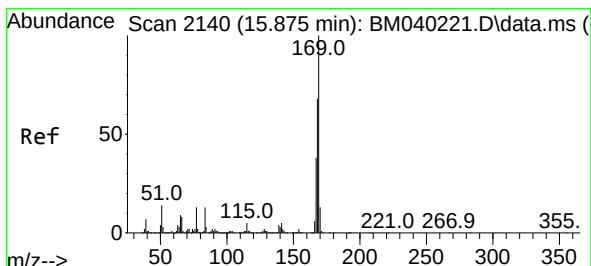
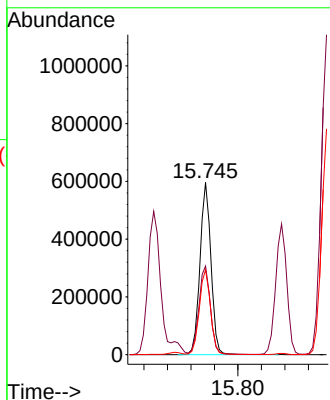
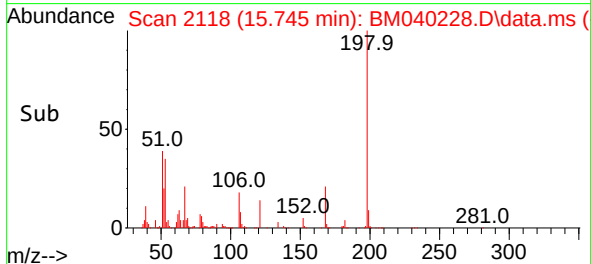
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:198 Resp: 772620  
Ion Ratio Lower Upper  
198 100  
51 51.5 30.9 70.9  
105 49.4 28.6 68.6

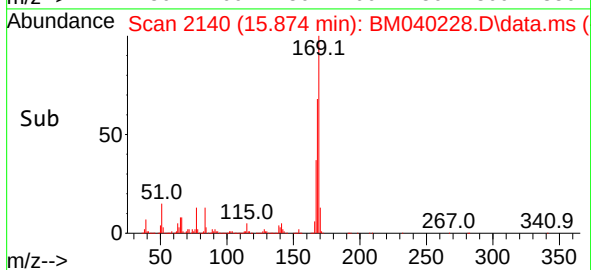
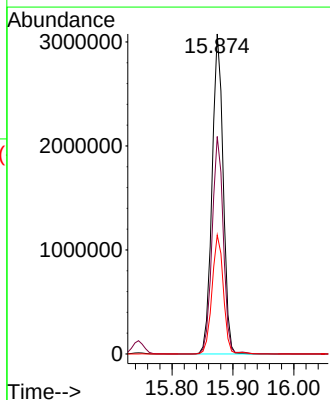
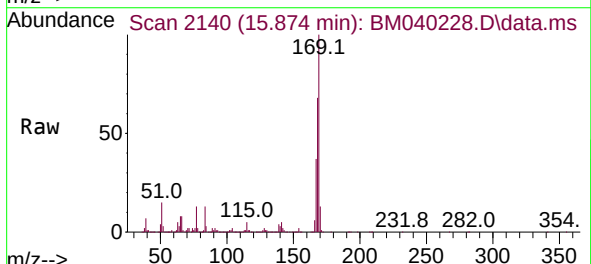
Manual Integrations  
APPROVED

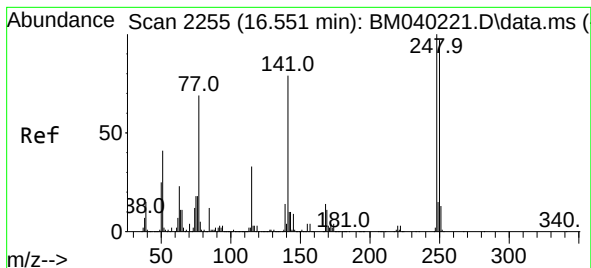
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#66  
n-Nitrosodiphenylamine  
Concen: 45.045 ng  
RT: 15.874 min Scan# 2140  
Delta R.T. -0.001 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

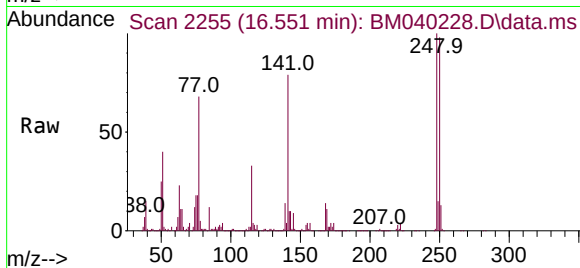
Tgt Ion:169 Resp: 3894563  
Ion Ratio Lower Upper  
169 100  
168 67.9 54.5 81.7  
167 37.1 30.3 45.5





#67  
4-Bromophenyl-phenylether  
Concen: 44.667 ng  
RT: 16.551 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

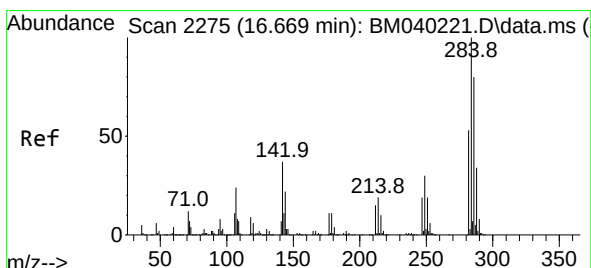
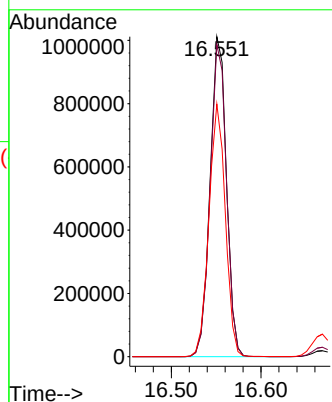
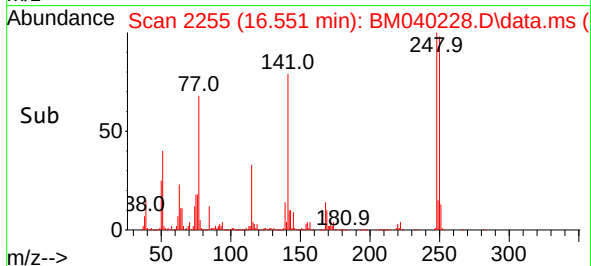
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:248 Resp: 128118  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.6 116.4  
141 78.9 63.4 95.0

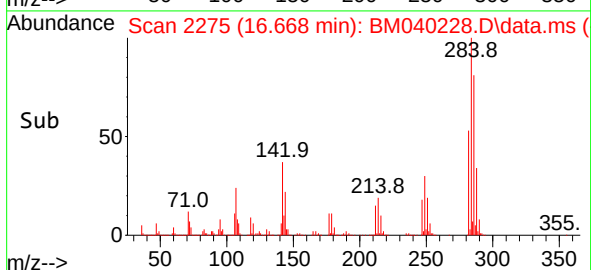
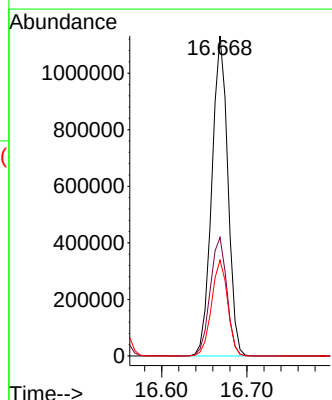
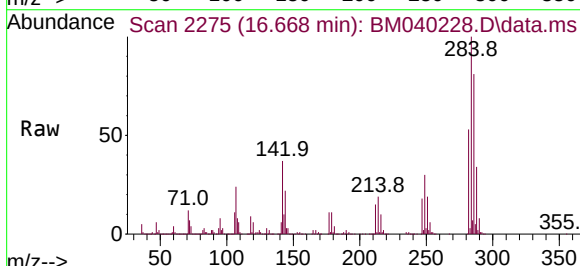
Manual Integrations  
APPROVED

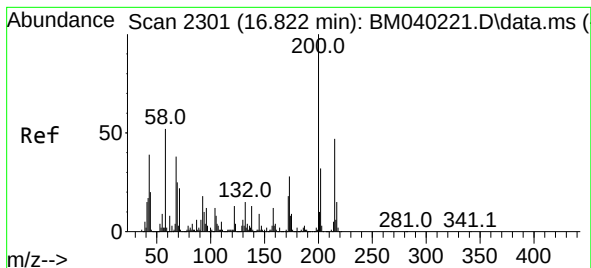
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#68  
Hexachlorobenzene  
Concen: 46.514 ng  
RT: 16.668 min Scan# 2275  
Delta R.T. -0.001 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Tgt Ion:284 Resp: 1473755  
Ion Ratio Lower Upper  
284 100  
142 37.0 29.5 44.3  
249 30.0 24.2 36.2





#69

Atrazine

Concen: 44.632 ng

RT: 16.827 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD

Tgt Ion:200 Resp: 115486

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

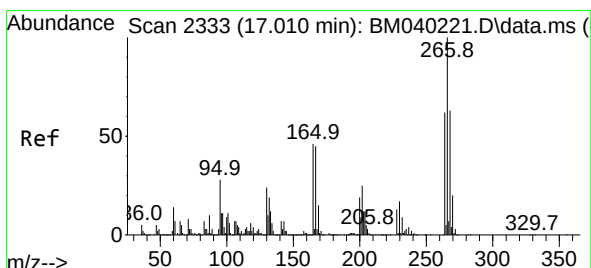
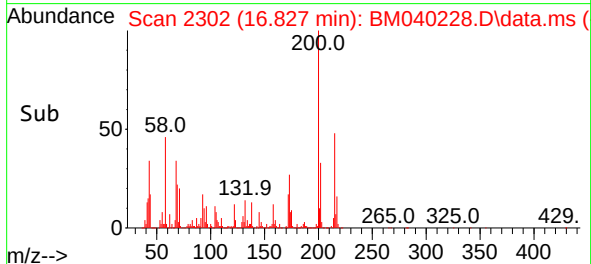
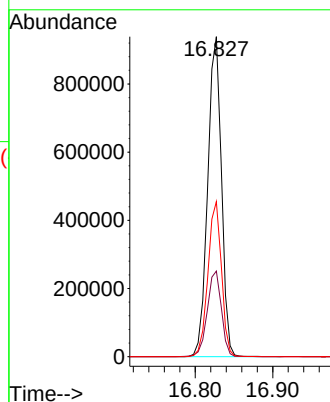
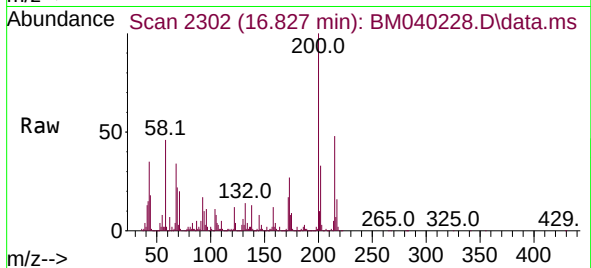
215 48.5 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 88.476 ng

RT: 17.015 min Scan# 2334

Delta R.T. 0.005 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

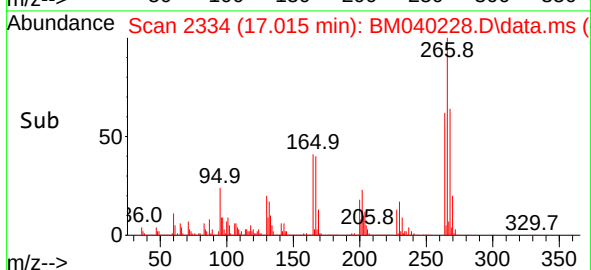
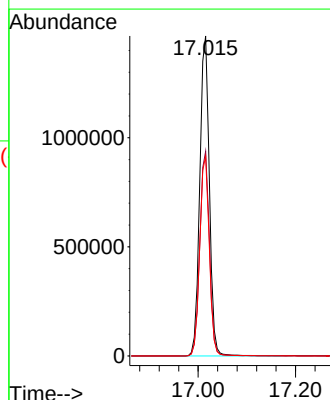
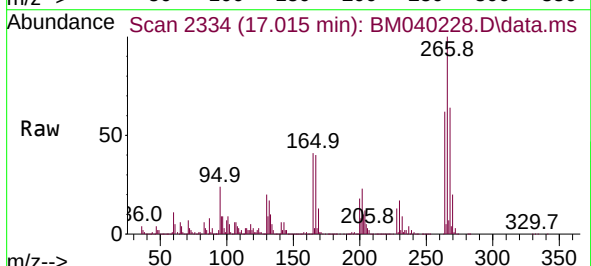
Tgt Ion:266 Resp: 2009801

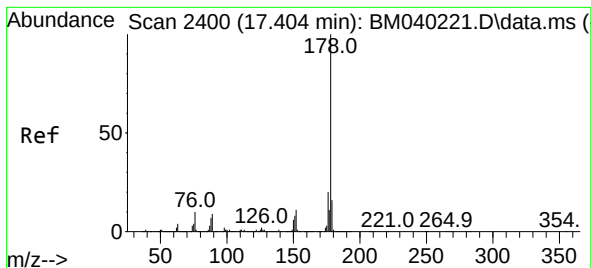
Ion Ratio Lower Upper

266 100

268 63.9 50.6 75.8

264 62.4 49.8 74.8





#71

Phenanthrene

Concen: 43.109 ng

RT: 17.410 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD

Tgt Ion:178 Resp: 6572428

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

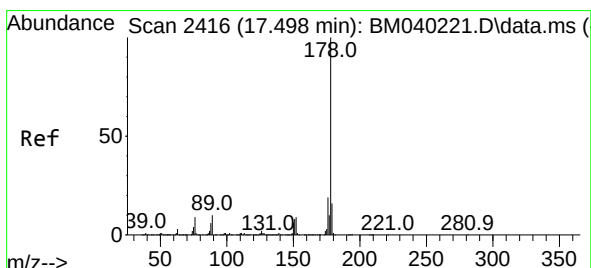
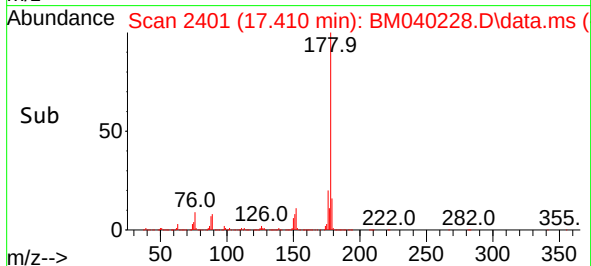
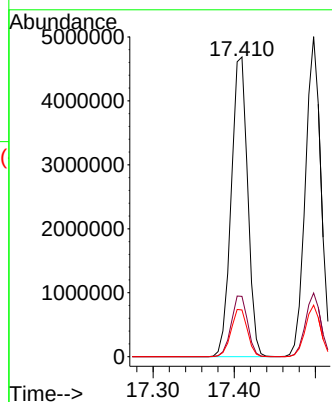
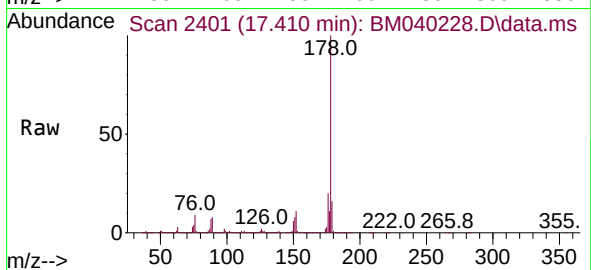
179 15.6 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#72

Anthracene

Concen: 43.318 ng

RT: 17.498 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

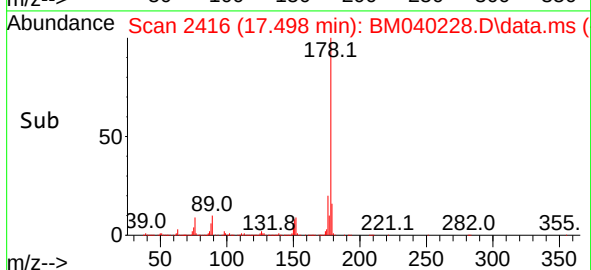
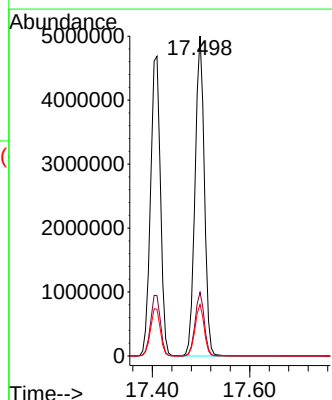
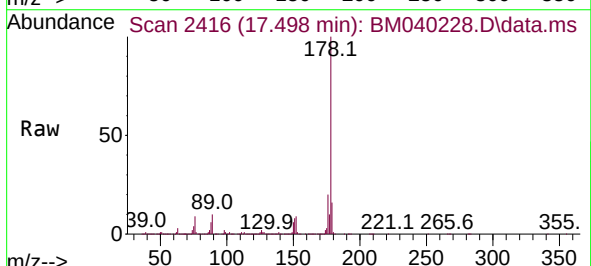
Tgt Ion:178 Resp: 6669061

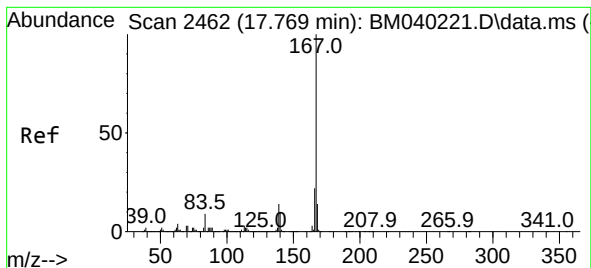
Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 16.1 12.4 18.6





#73

Carbazole

Concen: 42.465 ng

RT: 17.768 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD

Tgt Ion:167 Resp: 6151074

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

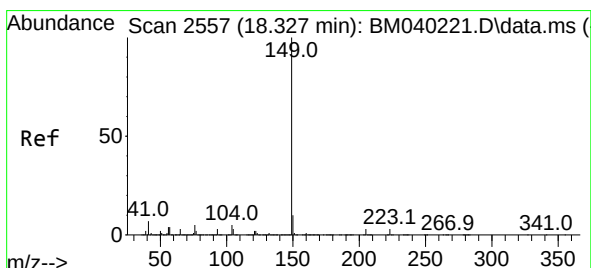
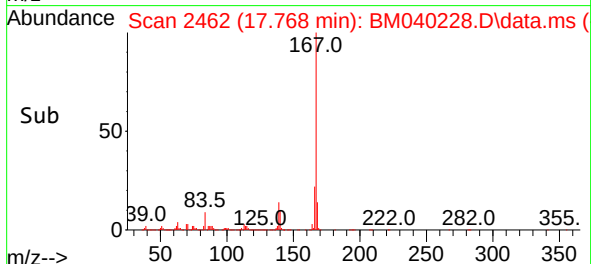
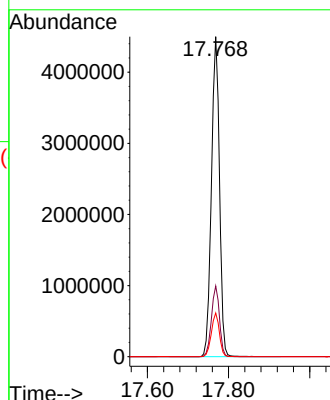
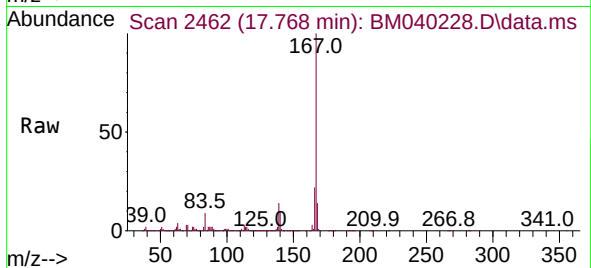
139 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#74

Di-n-butylphthalate

Concen: 43.582 ng

RT: 18.327 min Scan# 2557

Delta R.T. 0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

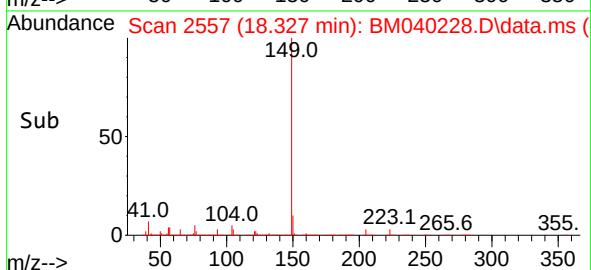
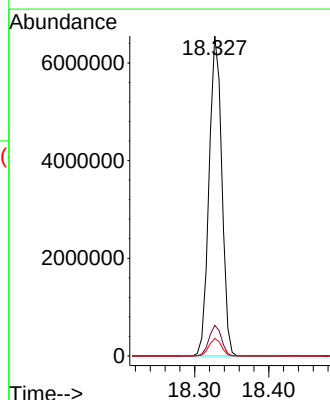
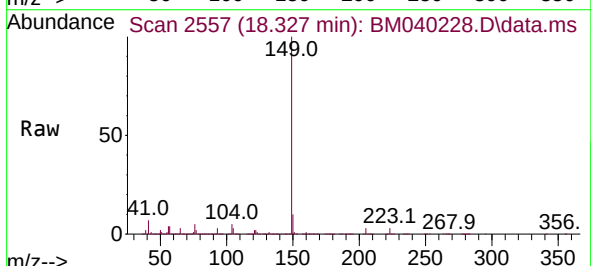
Tgt Ion:149 Resp: 7830023

Ion Ratio Lower Upper

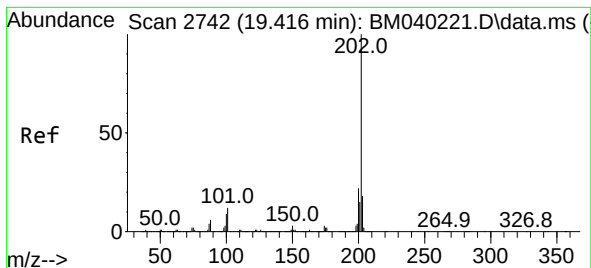
149 100

150 9.6 7.7 11.5

104 5.5 4.3 6.5

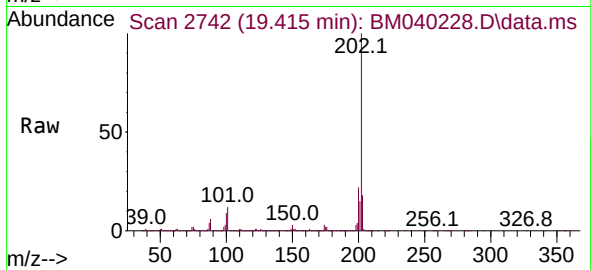






#75  
Fluoranthene  
Concen: 40.151 ng  
RT: 19.415 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

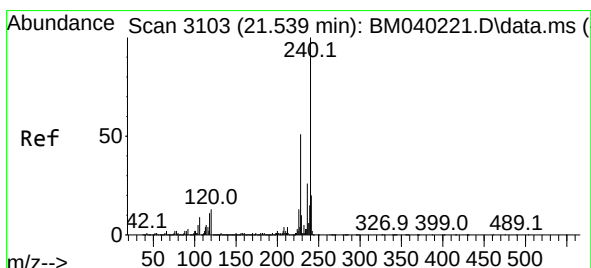
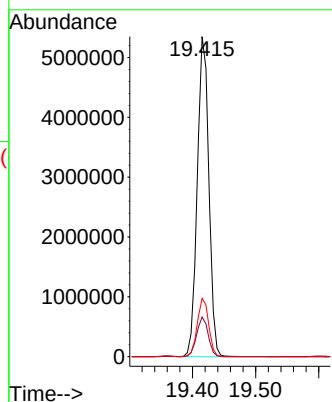
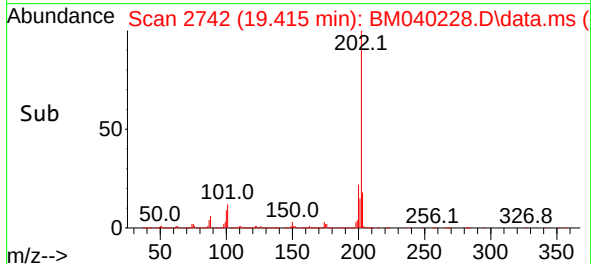
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



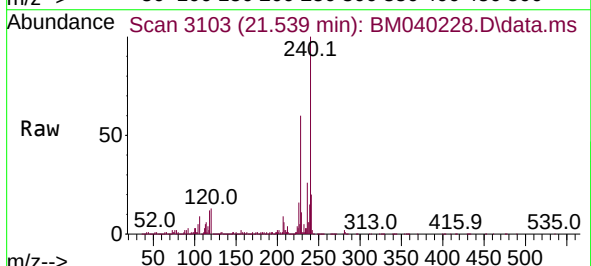
Tgt Ion:202 Resp: 678475  
Ion Ratio Lower Upper  
202 100  
101 12.4 0.0 32.5  
203 18.2 0.0 38.0

Manual Integrations  
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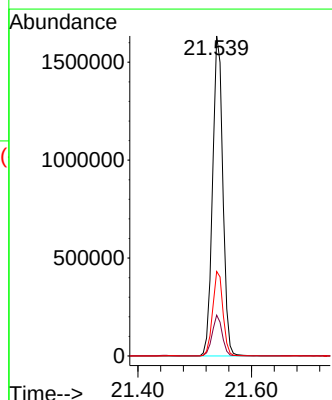
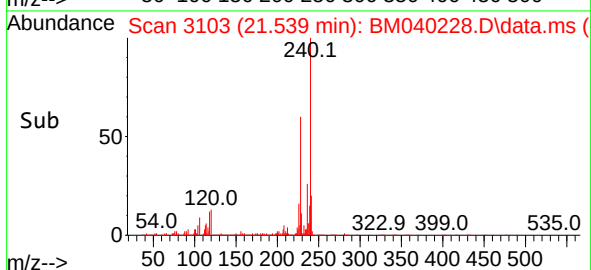
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023

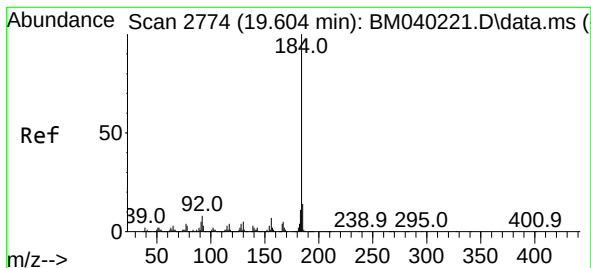


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.539 min Scan# 3103  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



Tgt Ion:240 Resp: 2036482  
Ion Ratio Lower Upper  
240 100  
120 12.7 10.1 15.1  
236 26.4 21.0 31.4





#77

Benzidine

Concen: 50.174 ng

RT: 19.603 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD

Tgt Ion:184 Resp: 1897539

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

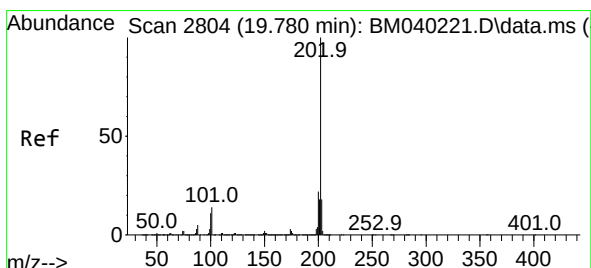
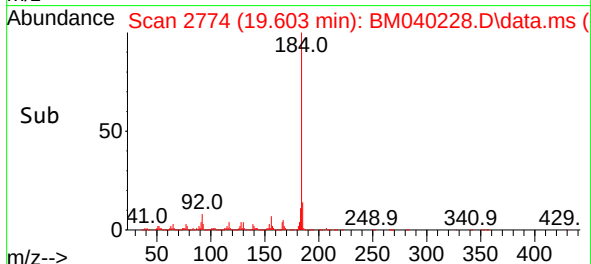
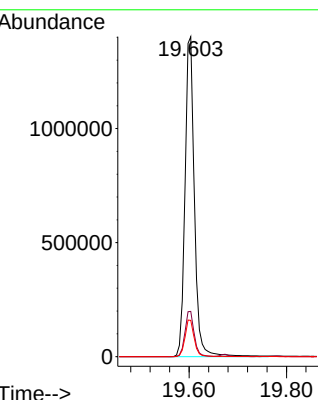
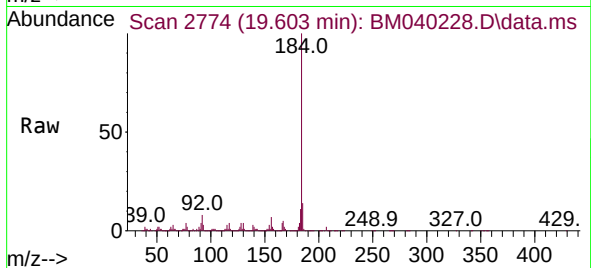
183 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#78

Pyrene

Concen: 50.775 ng

RT: 19.780 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

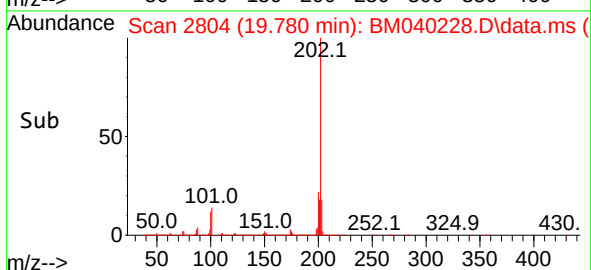
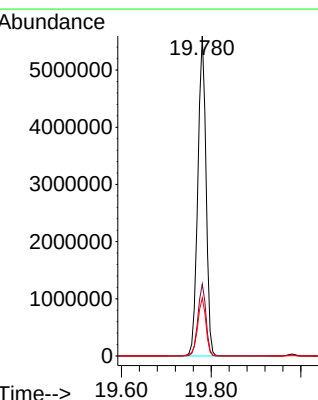
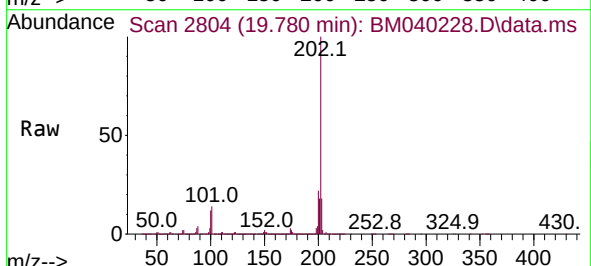
Tgt Ion:202 Resp: 7092968

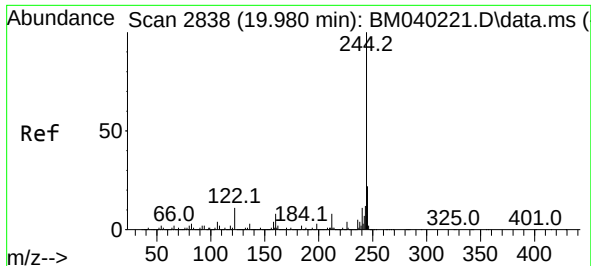
Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

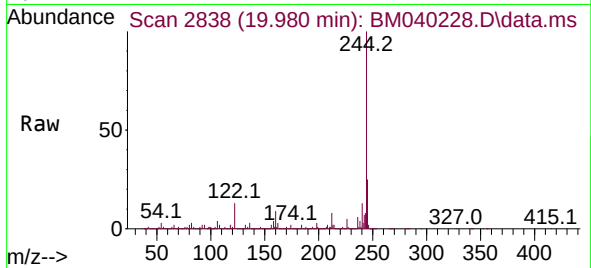
203 18.2 14.3 21.5





#79  
 Terphenyl-d14  
 Concen: 108.095 ng  
 RT: 19.980 min Scan# 2838  
 Delta R.T. -0.000 min  
 Lab File: BM040228.D  
 Acq: 13 Jun 2023 16:54

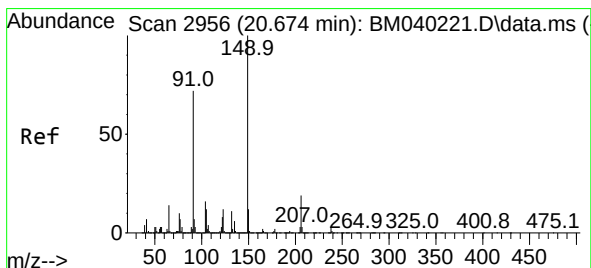
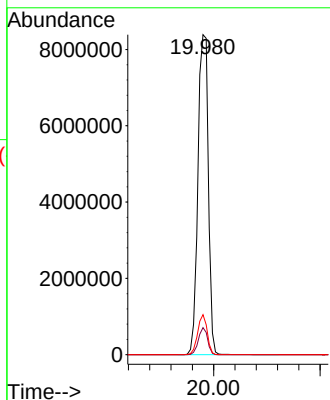
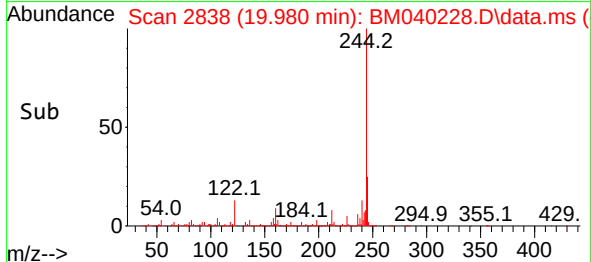
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB153264BSD



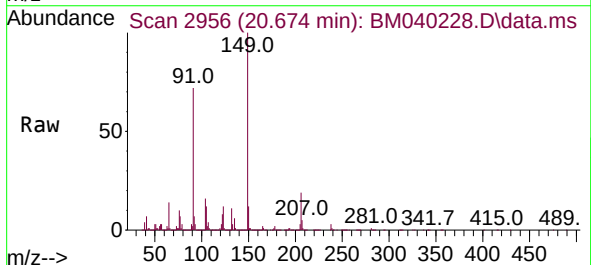
Tgt Ion:244 Resp:1132906  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.0 9.0  
 122 12.5 9.0 13.4

Manual Integrations  
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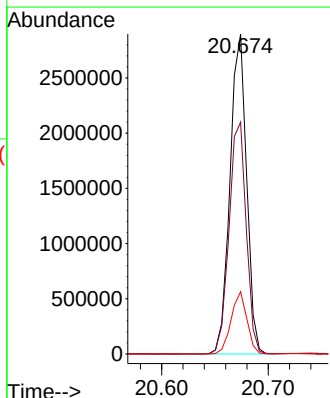
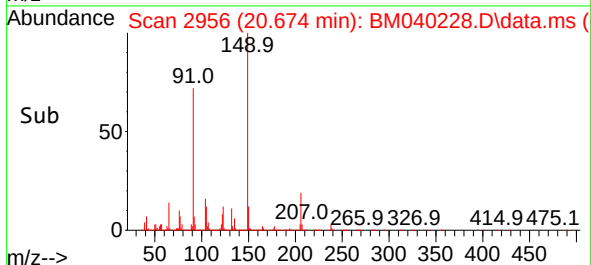
Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/16/2023

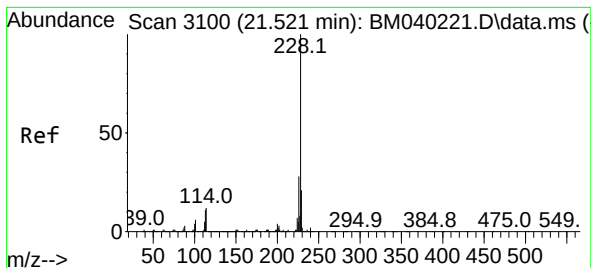


#80  
 Butylbenzylphthalate  
 Concen: 48.882 ng  
 RT: 20.674 min Scan# 2956  
 Delta R.T. -0.000 min  
 Lab File: BM040228.D  
 Acq: 13 Jun 2023 16:54



Tgt Ion:149 Resp: 3127524  
 Ion Ratio Lower Upper  
 149 100  
 91 72.5 58.0 87.0  
 206 19.4 15.5 23.3





#81

Benzo(a)anthracene

Concen: 44.469 ng

RT: 21.527 min Scan# 3101

Delta R.T. 0.006 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD

Tgt Ion:228 Resp: 6169720

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

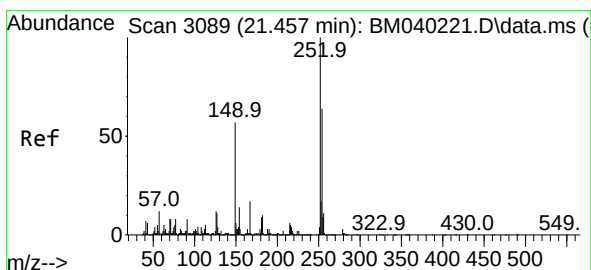
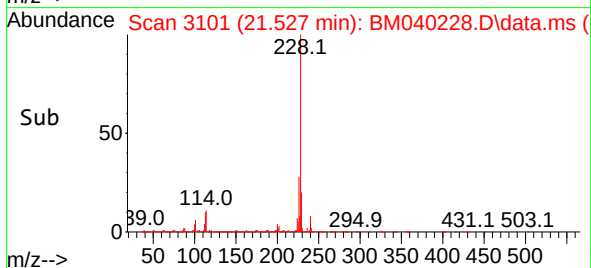
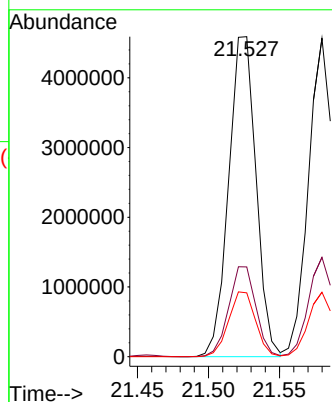
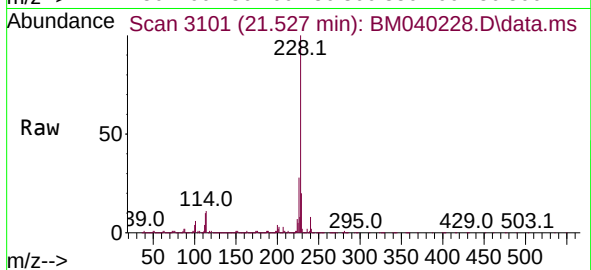
229 19.9 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.015 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

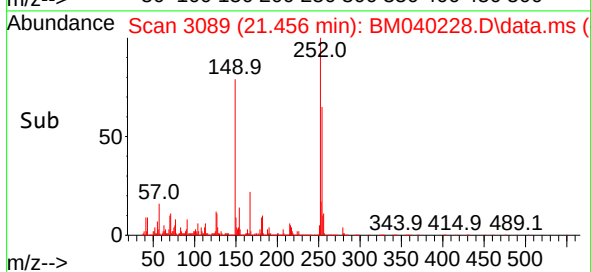
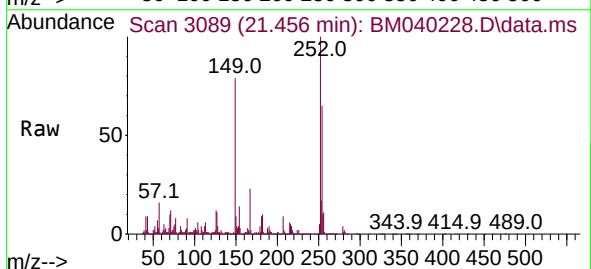
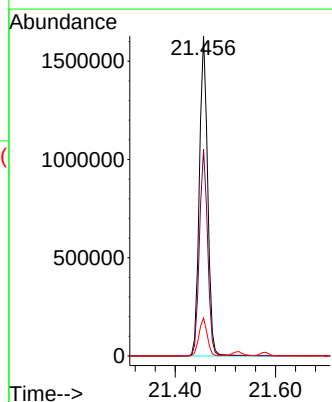
Tgt Ion:252 Resp: 1853819

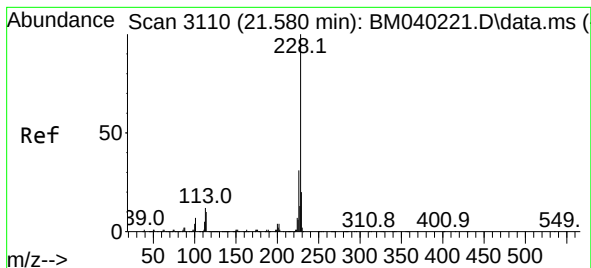
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 11.9 9.4 14.0





#83

Chrysene

Concen: 42.605 ng

RT: 21.580 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD

Tgt Ion:228 Resp: 559365

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

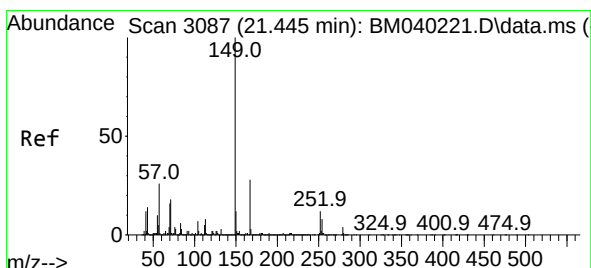
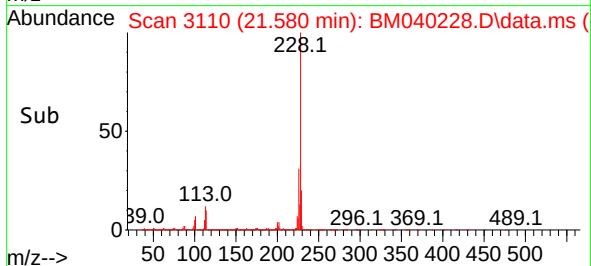
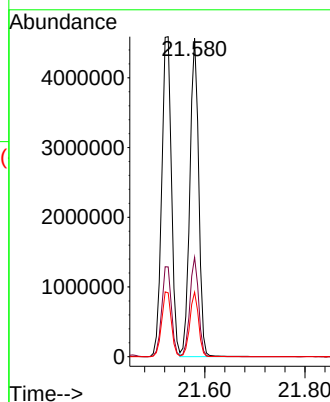
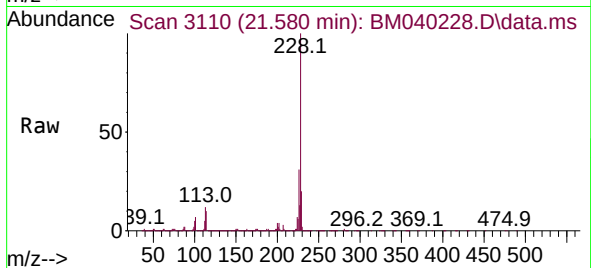
229 20.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.683 ng

RT: 21.445 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

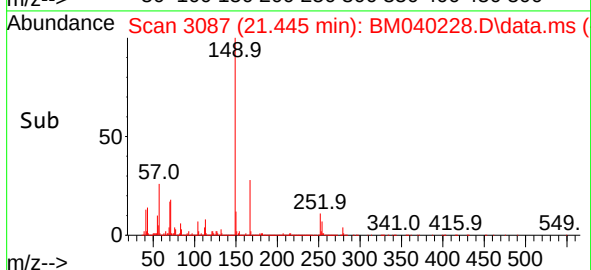
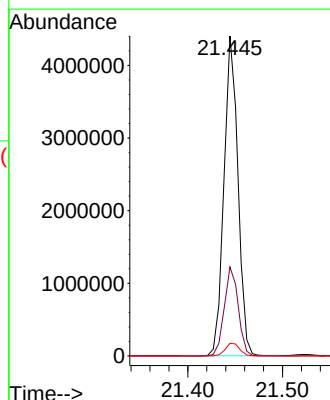
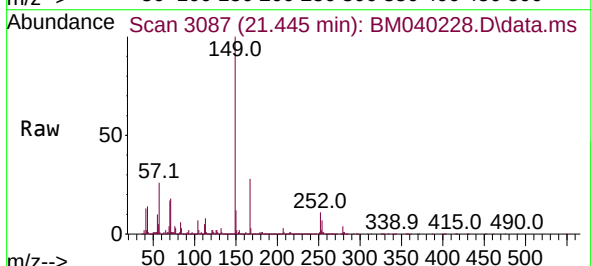
Tgt Ion:149 Resp: 4520108

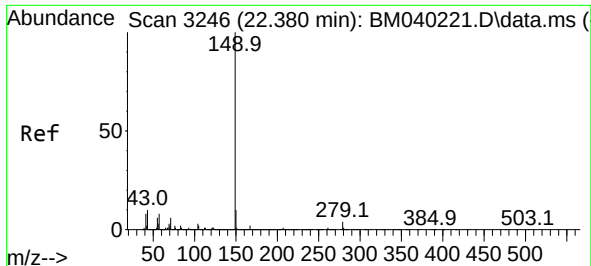
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

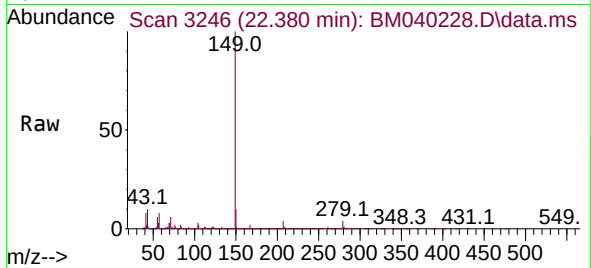
279 4.0 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 43.812 ng  
RT: 22.380 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

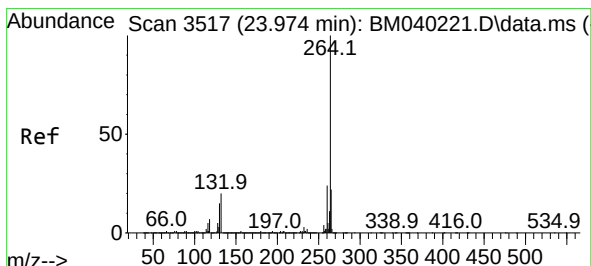
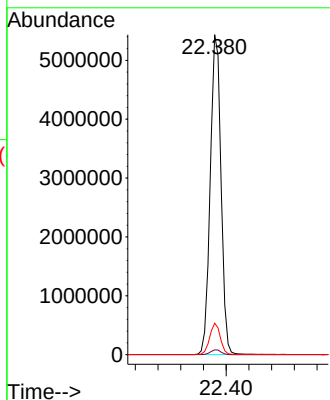
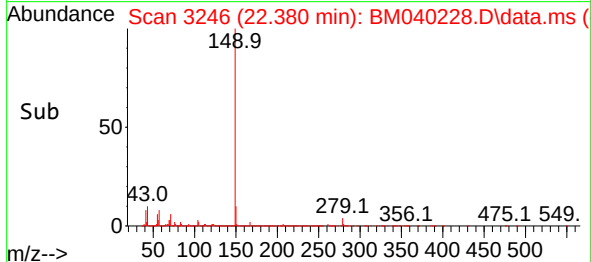
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



Tgt Ion:149 Resp: 7085900  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 9.6 7.8 11.6

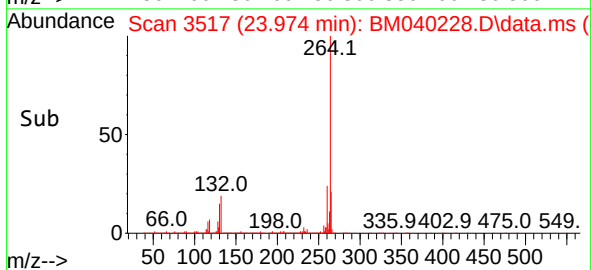
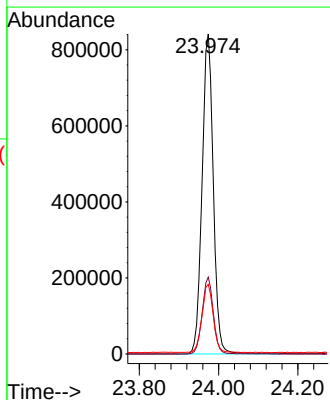
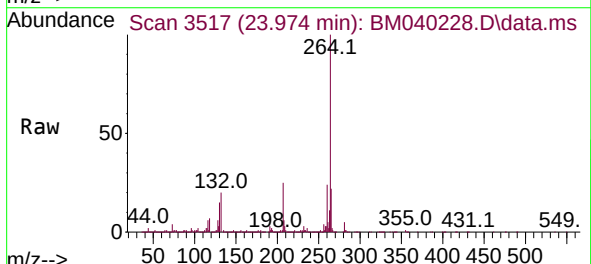
Manual Integrations  
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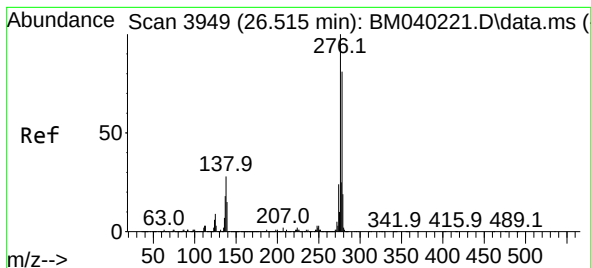
Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.974 min Scan# 3517  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

Tgt Ion:264 Resp: 1653517  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.0 28.6  
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.483 ng

RT: 26.515 min Scan# 3949

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD

Tgt Ion:276 Resp: 4981744

Ion Ratio Lower Upper

276 100

138 28.9 22.7 34.1

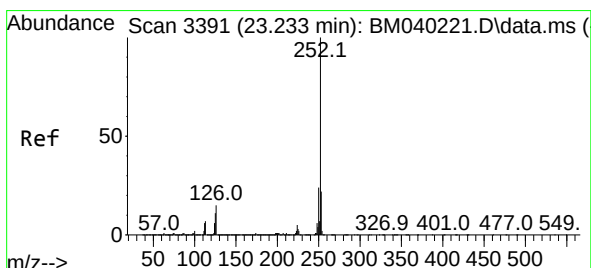
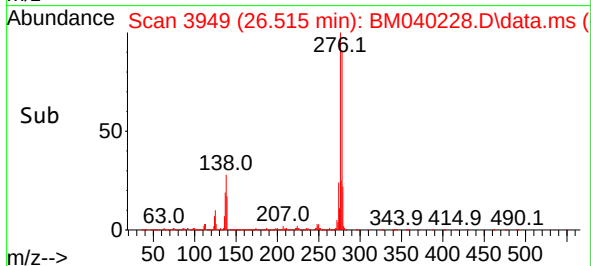
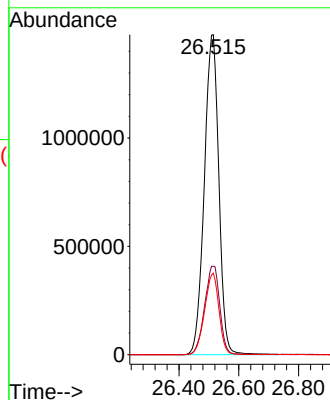
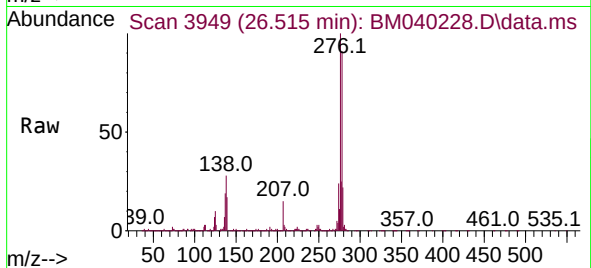
277 25.2 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#88

Benzo(b)fluoranthene

Concen: 51.391 ng

RT: 23.233 min Scan# 3391

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

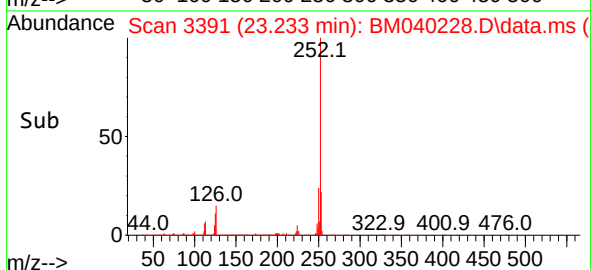
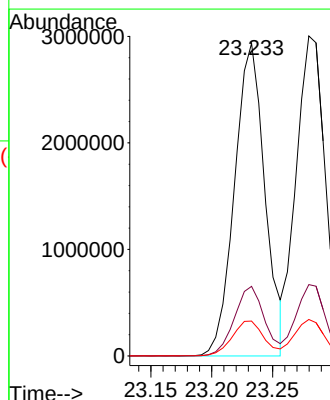
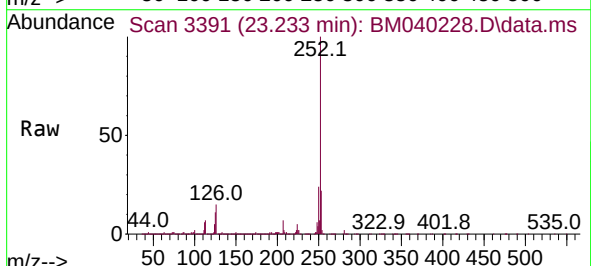
Tgt Ion:252 Resp: 5086398

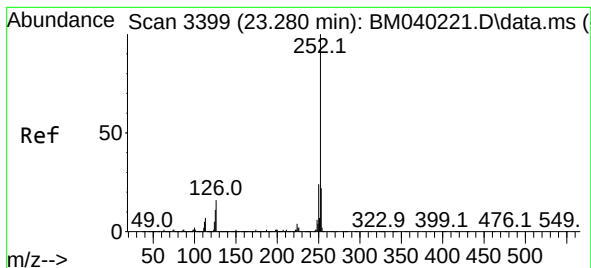
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 11.2 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 49.707 ng

RT: 23.280 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

Instrument :

BNA\_M

ClientSampleId :

PB153264BSD

Tgt Ion:252 Resp: 505950

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

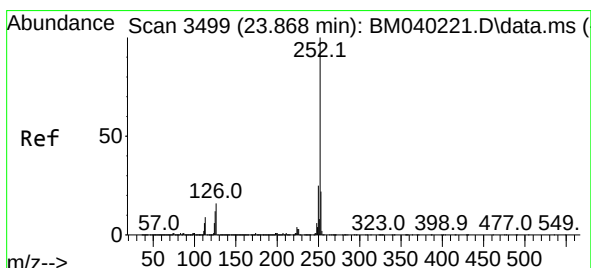
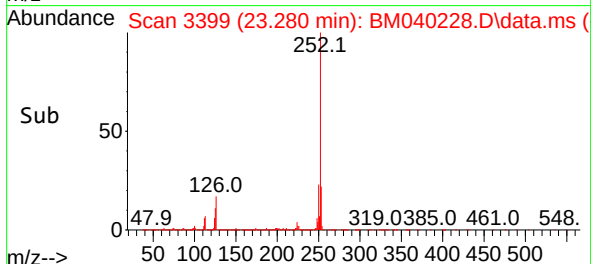
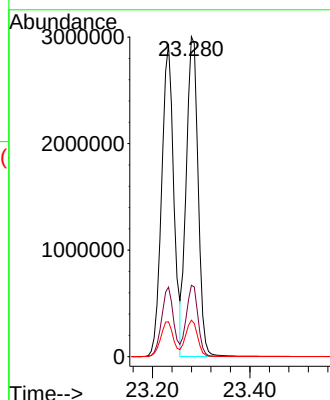
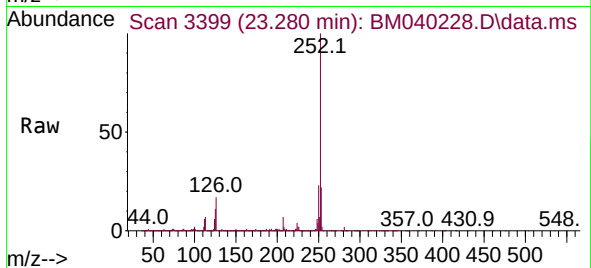
125 11.4 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#90

Benzo(a)pyrene

Concen: 44.004 ng

RT: 23.868 min Scan# 3499

Delta R.T. -0.000 min

Lab File: BM040228.D

Acq: 13 Jun 2023 16:54

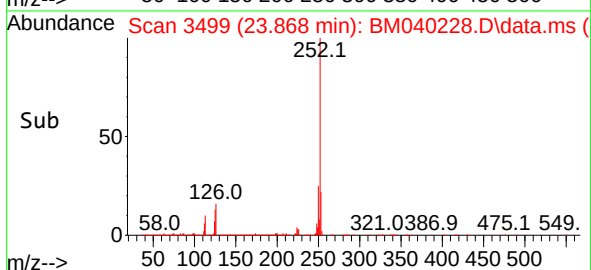
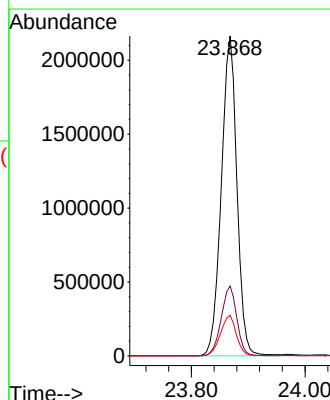
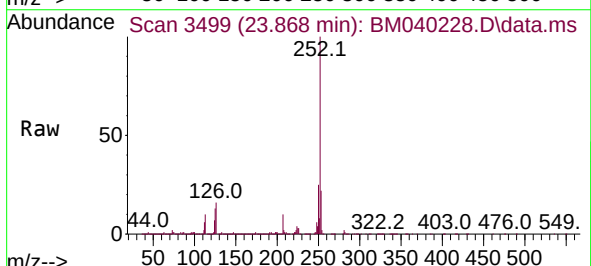
Tgt Ion:252 Resp: 4131498

Ion Ratio Lower Upper

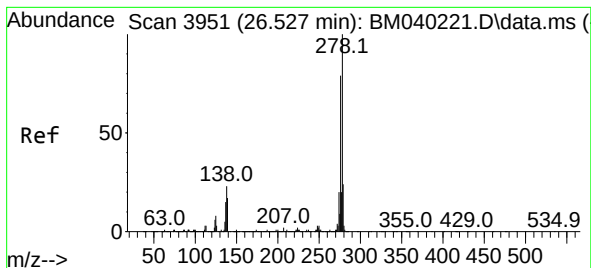
252 100

253 21.9 17.8 26.6

125 12.7 9.9 14.9

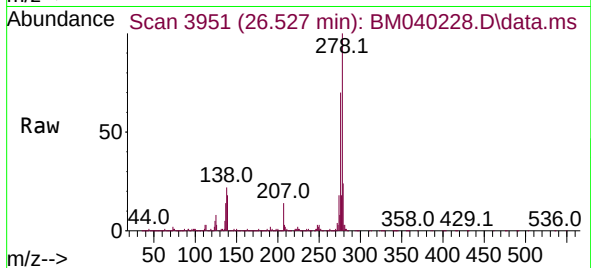






#91  
Dibenzo(a,h)anthracene  
Concen: 45.734 ng  
RT: 26.527 min Scan# 3951  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54

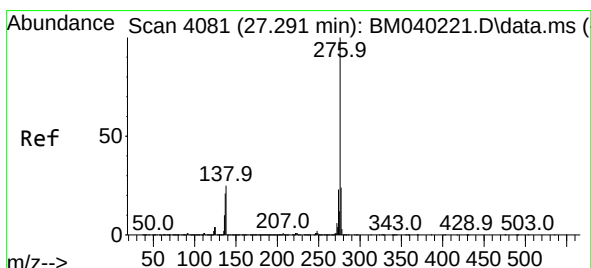
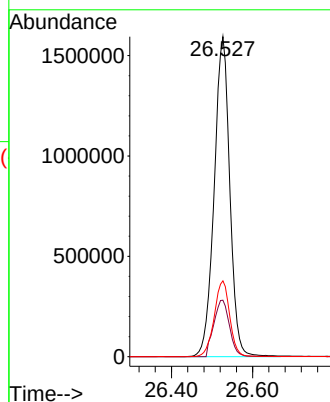
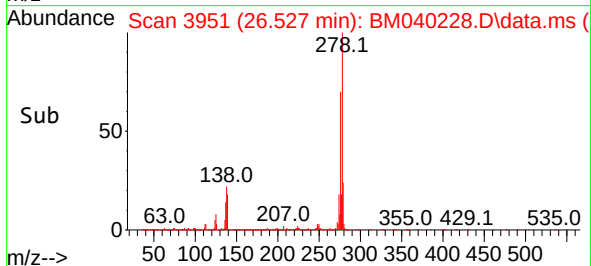
Instrument :  
BNA\_M  
ClientSampleId :  
PB153264BSD



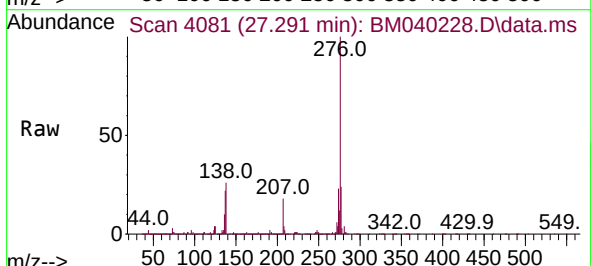
Tgt Ion: 278 Resp: 4259920  
Ion Ratio Lower Upper  
278 100  
139 17.7 13.8 20.6  
279 23.7 19.1 28.7

Manual Integrations  
APPROVED

Reviewed By : Yogesh Patel 06/14/2023  
Supervised By : mohammad ahmed 06/16/2023



#92  
Benzo(g,h,i)perylene  
Concen: 46.458 ng  
RT: 27.291 min Scan# 4081  
Delta R.T. -0.000 min  
Lab File: BM040228.D  
Acq: 13 Jun 2023 16:54



Tgt Ion: 276 Resp: 3873110  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.5 29.3  
138 25.6 19.8 29.6

