

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020123\  
 Data File : BM038654.D  
 Acq On : 01 Feb 2023 22:44  
 Operator : CG/JU  
 Sample : PB150362BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150362BSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/02/2023  
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 02 03:55:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 02 03:31:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 71814    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.745 | 136  | 238532   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.574 | 164  | 163683   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.315 | 188  | 311163   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.492 | 240  | 267055   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.886 | 264  | 323174   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 319775   | 87.227  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.110  | 99   | 342993   | 82.032  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.116  | 82   | 345669   | 82.312  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 178486   | 80.225  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.198 | 172  | 1068595  | 83.114  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 1279121  | 84.523  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.352  | 88   | 50084    | 30.989  | ng    | 99       |
| 3) Pyridine                   | 3.763  | 79   | 117790   | 30.650  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.681  | 42   | 70430    | 40.595  | ng    | 97       |
| 6) Aniline                    | 7.269  | 93   | 152135   | 29.169  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.498  | 128  | 169217   | 42.301  | ng    | 99       |
| 9) Benzaldehyde               | 7.081  | 77   | 40664    | 22.065  | ng    | 97       |
| 10) Phenol                    | 7.134  | 94   | 173660   | 41.112  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.363  | 93   | 138277   | 40.422  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.822  | 146  | 223440   | 43.717  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.975  | 146  | 223808   | 43.389  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.287  | 146  | 215633   | 43.637  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.187  | 79   | 124625m  | 40.496  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.475  | 45   | 128452   | 39.643  | ng    | 99       |
| 17) 2-Methylphenol            | 8.387  | 107  | 123878   | 38.234  | ng    | 97       |
| 18) Hexachloroethane          | 9.016  | 117  | 72984    | 43.812  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.751  | 70   | 101519   | 40.281  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.722  | 107  | 162454   | 37.607  | ng    | 95       |
| 22) Acetophenone              | 8.775  | 105  | 225979   | 39.726  | ng    | # 100    |
| 24) Nitrobenzene              | 9.157  | 77   | 167256   | 39.239  | ng    | 97       |
| 25) Isophorone                | 9.681  | 82   | 275432   | 37.440  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.863  | 139  | 98057    | 41.342  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.922  | 122  | 134627   | 39.340  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.163 | 93   | 177120   | 39.396  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.398 | 162  | 197209   | 40.562  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.610 | 180  | 219412   | 42.426  | ng    | 100      |
| 31) Naphthalene               | 10.798 | 128  | 487617   | 39.837  | ng    | 99       |
| 32) Benzoic acid              | 10.075 | 122  | 101890   | 36.781  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.916 | 127  | 118054   | 22.007  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.069 | 225  | 110138   | 42.513  | ng    | 98       |
| 35) Caprolactam               | 11.722 | 113  | 36504m   | 34.863  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.039 | 107  | 135710   | 37.749  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.404 | 142  | 374423   | 37.853  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.622 | 142  | 351889   | 37.753  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.769 | 216  | 180013   | 42.258  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.739 | 237  | 266384   | 100.773 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.016 | 196  | 137524   | 41.093  | ng    | 99       |

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 Sample : PB150362BSD  
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 02/02/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023

Quant Time: Feb 02 03:55:52 2023  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 02 03:31:45 2023  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.086 | 196  | 144514   | 36.695 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.410 | 154  | 526190   | 40.582 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.457 | 162  | 425746   | 41.728 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.669 | 65   | 81453    | 35.946 | ng    | 98       |
| 49) Acenaphthylene             | 14.298 | 152  | 622518   | 38.738 | ng    | 99       |
| 50) Dimethylphthalate          | 14.039 | 163  | 497072   | 37.213 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.163 | 165  | 106347   | 39.172 | ng    | 97       |
| 52) Acenaphthene               | 14.639 | 154  | 372459   | 38.816 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.498 | 138  | 71384    | 25.900 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.704 | 184  | 140163   | 79.318 | ng    | 98       |
| 55) Dibenzofuran               | 14.974 | 168  | 628904   | 38.061 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.804 | 139  | 168484   | 77.380 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.951 | 165  | 143523   | 36.241 | ng    | # 98     |
| 58) Fluorene                   | 15.621 | 166  | 498011   | 38.091 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.198 | 232  | 104206   | 38.018 | ng    | 99       |
| 60) Diethylphthalate           | 15.392 | 149  | 467707   | 36.961 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.610 | 204  | 212804   | 38.367 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.657 | 138  | 91107    | 31.883 | ng    | 96       |
| 63) Azobenzene                 | 15.904 | 77   | 354266   | 36.388 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.710 | 198  | 75388    | 38.486 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.833 | 169  | 408995   | 40.255 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.504 | 248  | 123543   | 41.120 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.615 | 284  | 160853   | 43.807 | ng    | 97       |
| 69) Atrazine                   | 16.780 | 200  | 129269   | 43.898 | ng    | 98       |
| 70) Pentachlorophenol          | 16.968 | 266  | 198676   | 74.224 | ng    | 97       |
| 71) Phenanthrene               | 17.357 | 178  | 742462   | 40.185 | ng    | 98       |
| 72) Anthracene                 | 17.451 | 178  | 741951   | 39.254 | ng    | 99       |
| 73) Carbazole                  | 17.727 | 167  | 707800   | 40.152 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.274 | 149  | 803976   | 40.369 | ng    | 100      |
| 75) Fluoranthene               | 19.368 | 202  | 763170   | 39.341 | ng    | 99       |
| 77) Benzidine                  | 19.562 | 184  | 292721   | 37.231 | ng    | 99       |
| 78) Pyrene                     | 19.733 | 202  | 807144   | 39.257 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.621 | 149  | 370409   | 36.666 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.474 | 228  | 733535   | 38.831 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.409 | 252  | 272758   | 41.969 | ng    | 100      |
| 83) Chrysene                   | 21.527 | 228  | 689491   | 37.882 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.392 | 149  | 548299   | 37.161 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.309 | 149  | 981120   | 40.539 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 26.391 | 276  | 1167740  | 45.874 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.156 | 252  | 888833   | 45.918 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.203 | 252  | 891502   | 45.355 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.786 | 252  | 808326   | 42.227 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.403 | 278  | 1014179  | 47.356 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 27.162 | 276  | 1011476  | 46.723 | ng    | 98       |

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

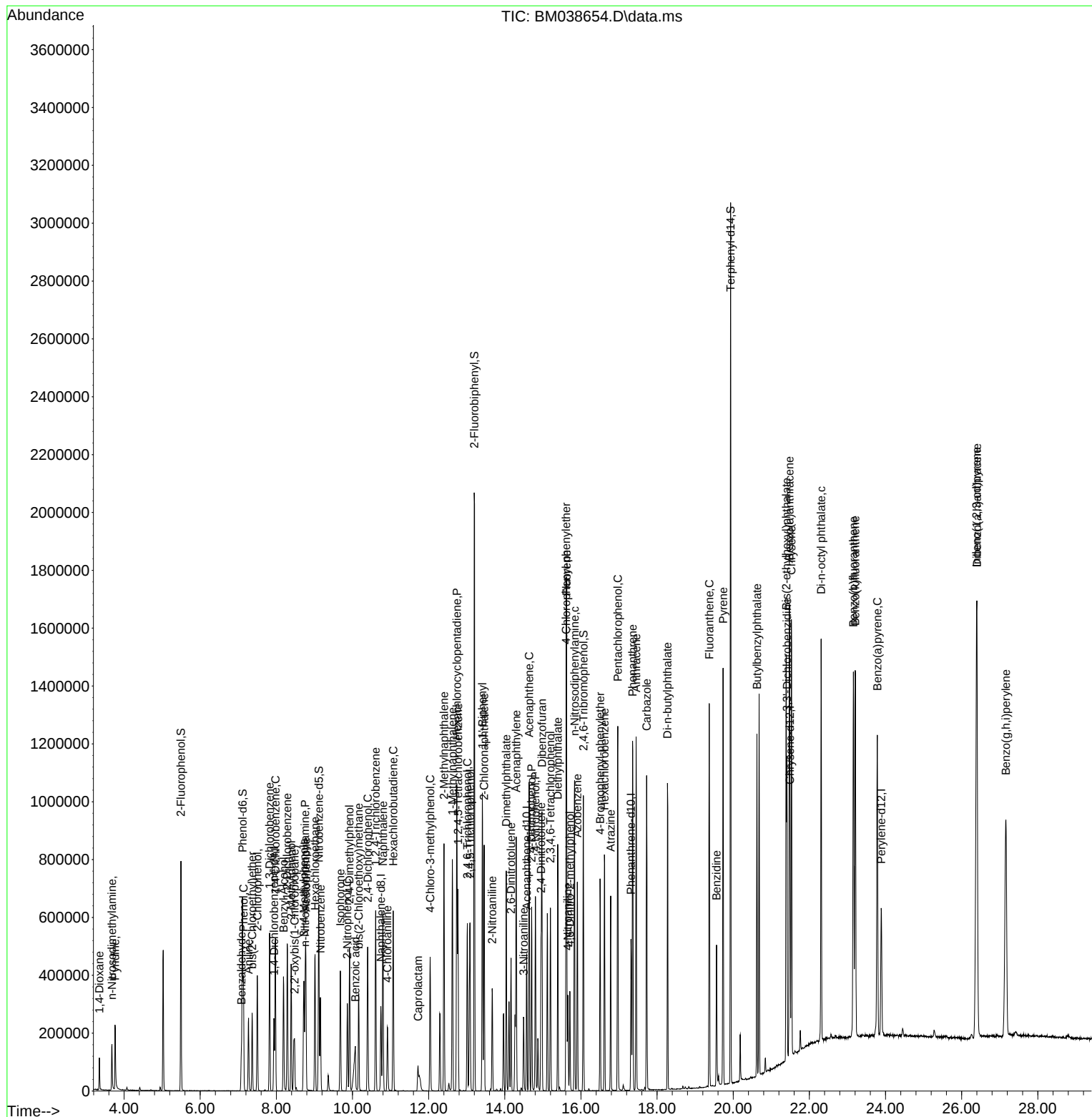
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020123\  
 Data File : BM038654.D  
 Acq On : 01 Feb 2023 22:44  
 Operator : CG/JU  
 Sample : PB150362BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

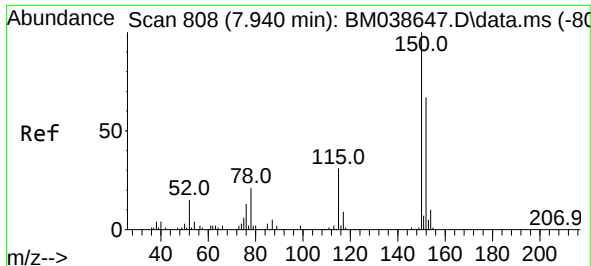
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150362BSD

Quant Time: Feb 02 03:55:52 2023  
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 QLast Update : Thu Feb 02 03:31:45 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

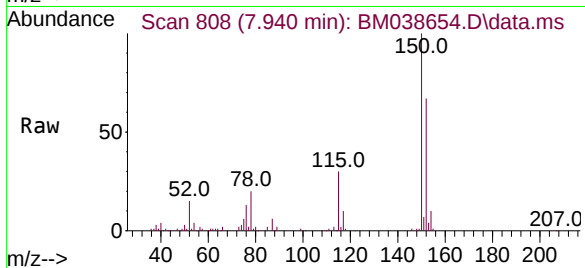
Reviewed By : Christian Giraldo 02/02/2023  
 Supervised By : Jagrut Upadhyay 02/06/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.940 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

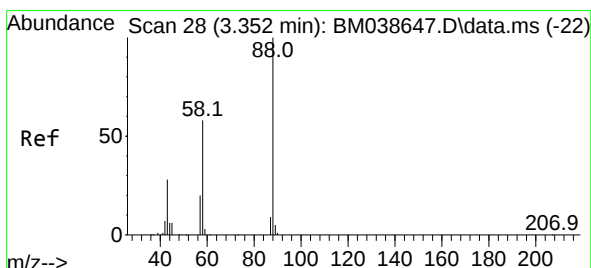
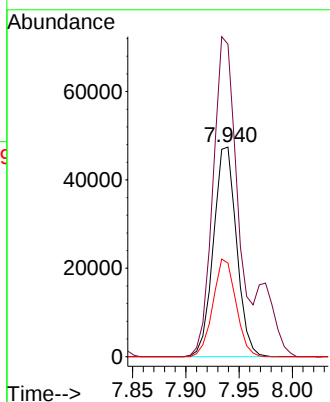
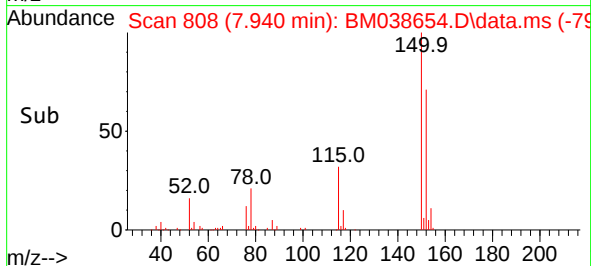
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



Tgt Ion:152 Resp: 71814  
Ion Ratio Lower Upper  
152 100  
150 149.0 119.5 179.3  
115 44.6 37.6 56.4

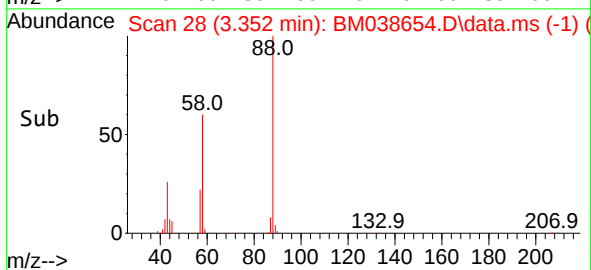
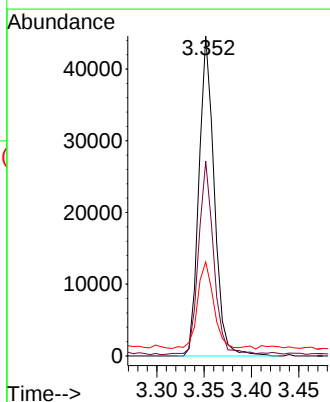
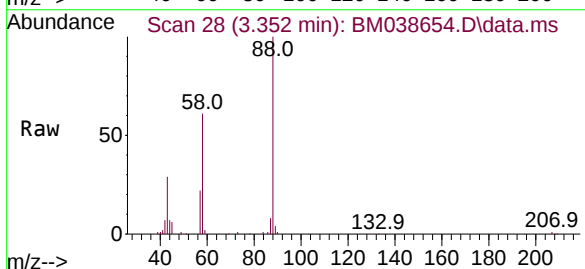
Manual Integrations  
APPROVED

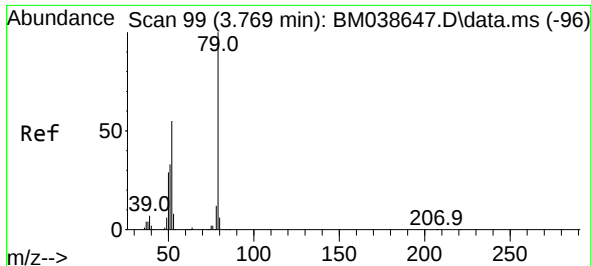
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#2  
1,4-Dioxane  
Concen: 30.989 ng  
RT: 3.352 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

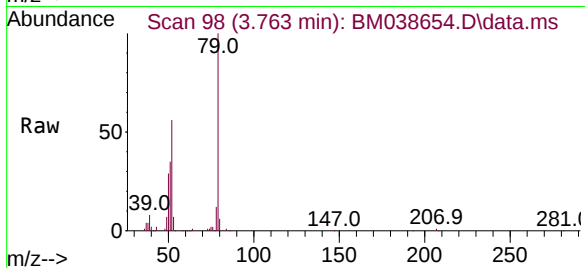
Tgt Ion: 88 Resp: 50084  
Ion Ratio Lower Upper  
88 100  
58 60.2 47.0 70.4  
43 28.2 22.6 33.8





#3  
Pyridine  
Concen: 30.650 ng  
RT: 3.763 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

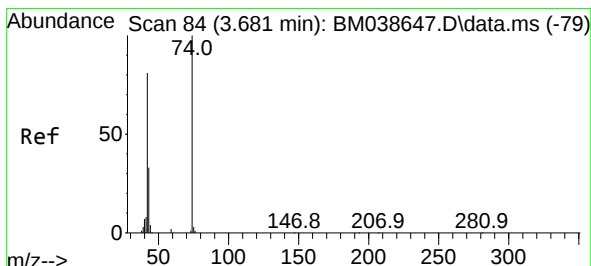
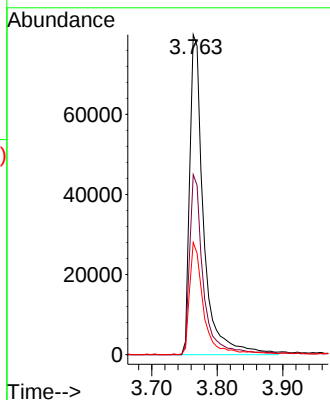
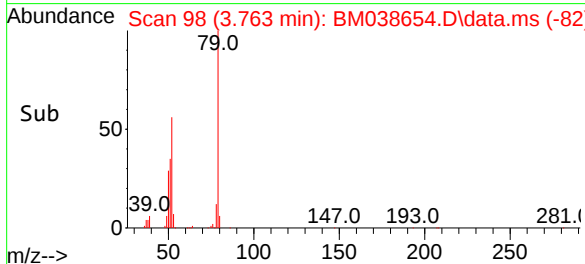
Instrument :  
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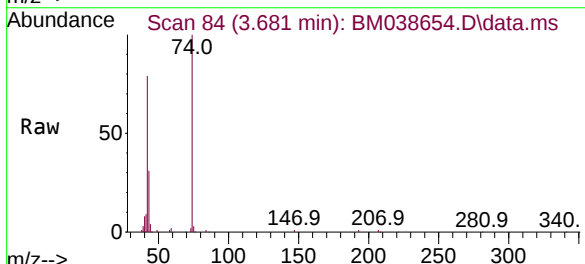
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Ion Ratio Lower Upper  
79 100  
52 56.2 43.7 65.5  
51 35.0 26.6 40.0

Manual Integrations  
APPROVED

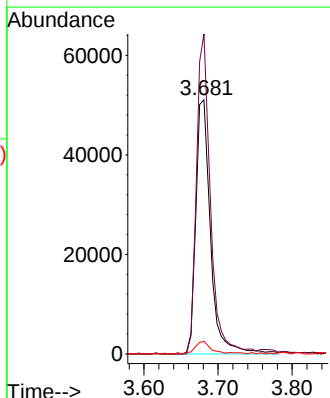
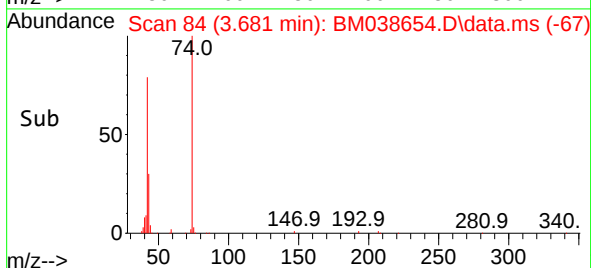
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

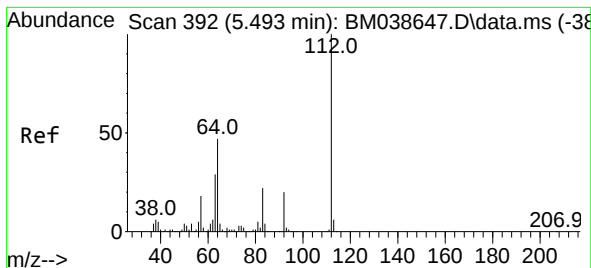


#4  
n-Nitrosodimethylamine  
Concen: 40.595 ng  
RT: 3.681 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



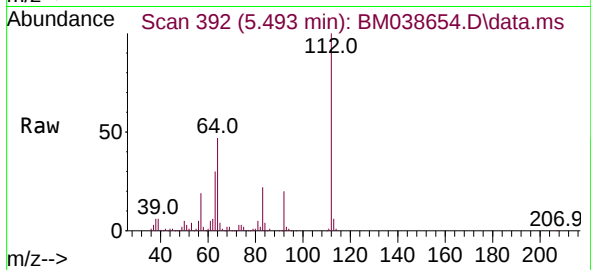
Tgt Ion: 42 Resp: 70430  
Ion Ratio Lower Upper  
42 100  
74 126.0 98.4 147.6  
44 5.0 3.5 5.3





#5  
2-Fluorophenol  
Concen: 87.227 ng  
RT: 5.493 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

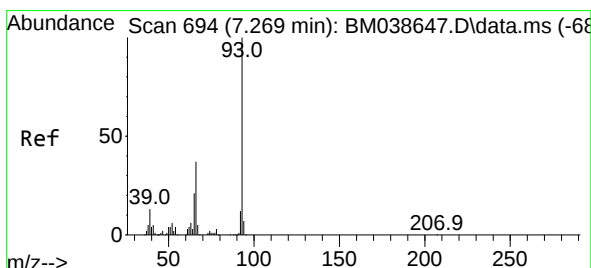
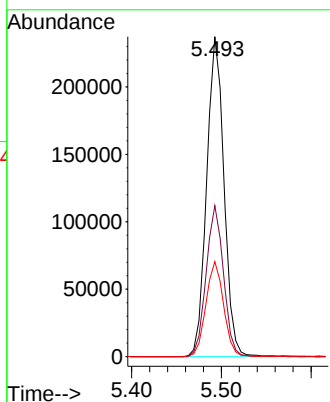
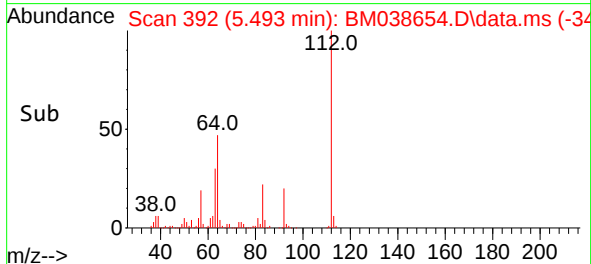
Instrument :  
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Tgt Ion: 112 Resp: 319775  
Ion Ratio Lower Upper  
112 100  
64 47.2 37.9 56.9  
63 29.7 23.3 34.9

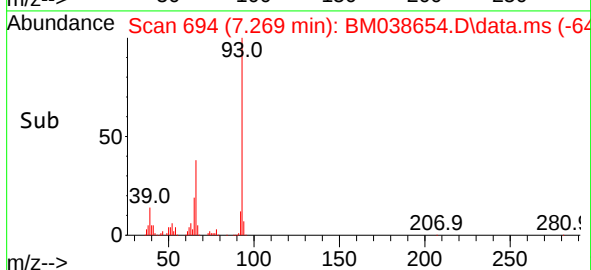
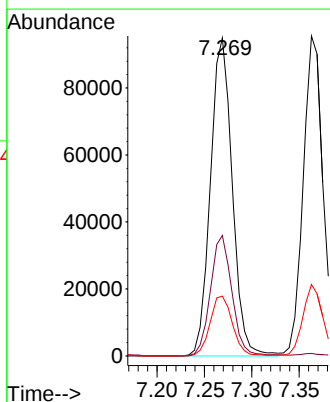
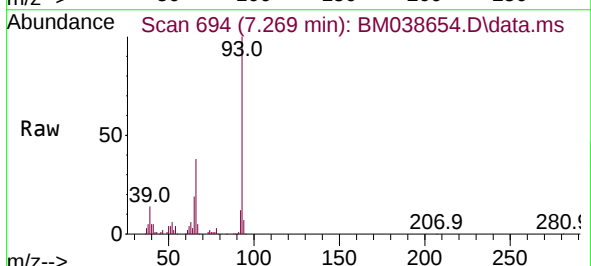
Manual Integrations  
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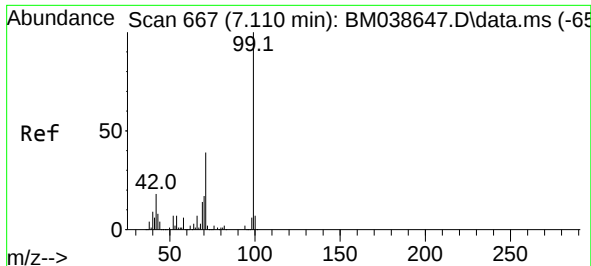
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#6  
Aniline  
Concen: 29.169 ng  
RT: 7.269 min Scan# 694  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

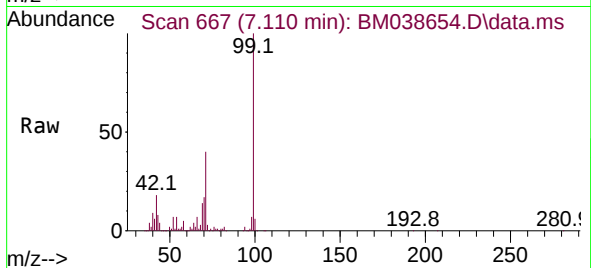
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Ion Ratio Lower Upper  
93 100  
66 37.9 29.8 44.8  
65 18.8 16.9 25.3





#7  
Phenol-d6  
Concen: 82.032 ng  
RT: 7.110 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

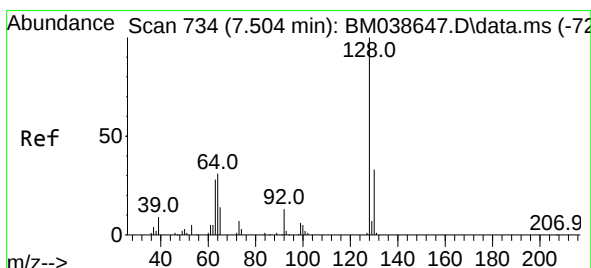
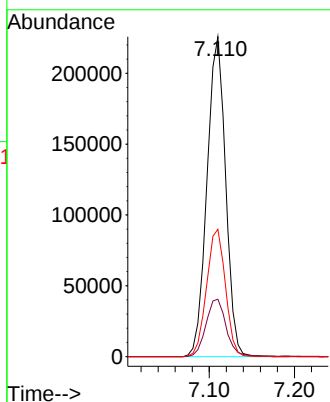
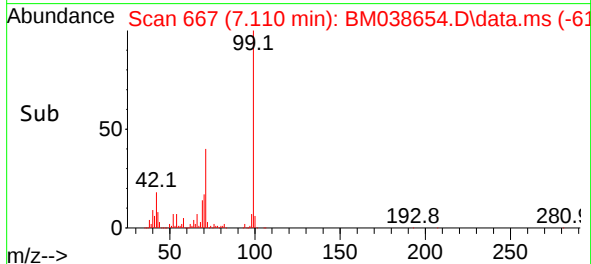
Instrument :  
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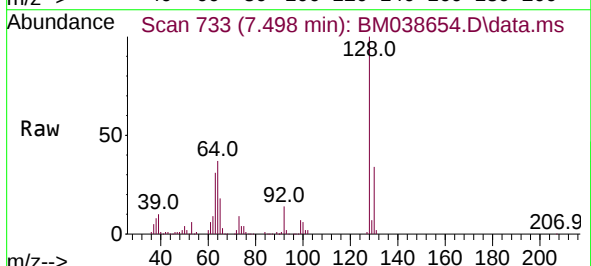
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Ion Ratio Lower Upper  
99 100  
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71 39.8 31.0 46.4

Manual Integrations  
APPROVED

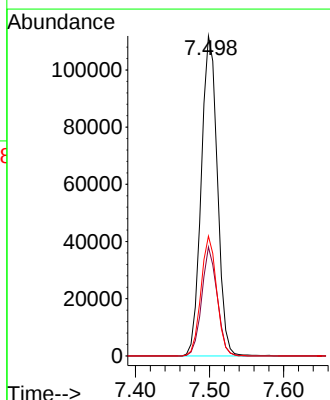
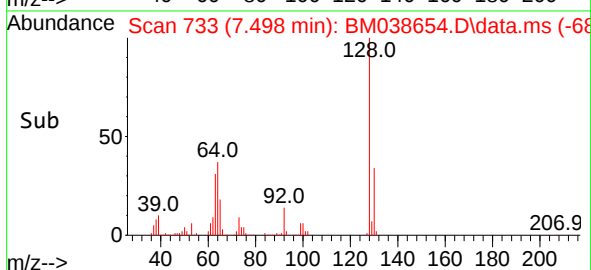
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

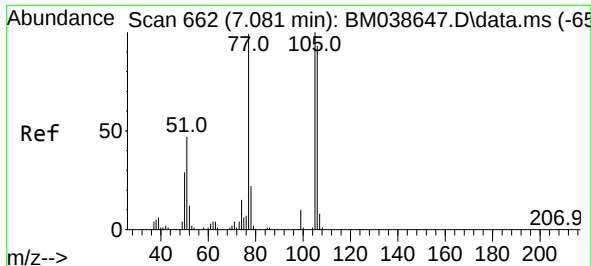


#8  
2-Chlorophenol  
Concen: 42.301 ng  
RT: 7.498 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



Tgt Ion:128 Resp: 169217  
Ion Ratio Lower Upper  
128 100  
130 34.0 13.2 53.2  
64 37.4 17.3 57.3





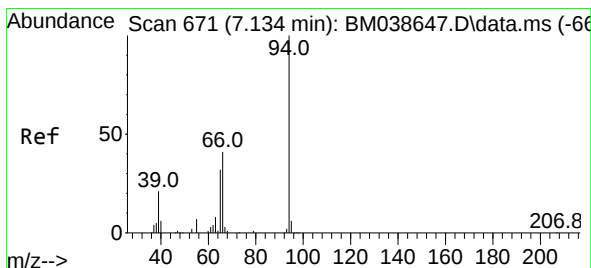
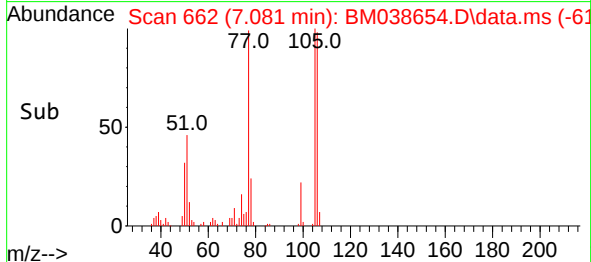
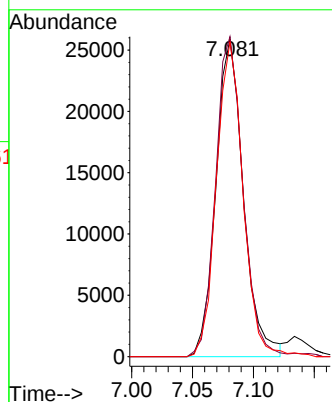
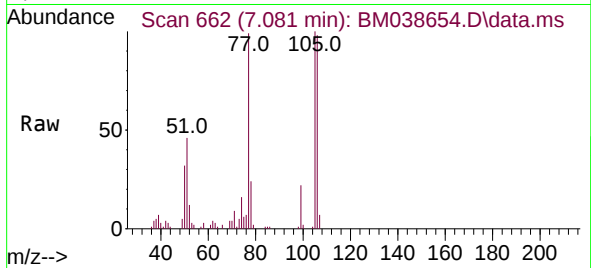
#9  
Benzaldehyde  
Concen: 22.065 ng  
RT: 7.081 min Scan# 662  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD

Tgt Ion: 77 Resp: 40664  
Ion Ratio Lower Upper  
77 100  
105 100.7 80.8 120.8  
106 99.0 73.8 113.8

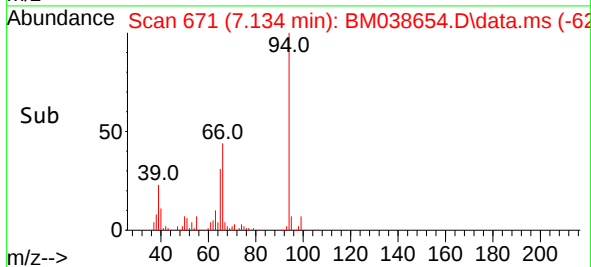
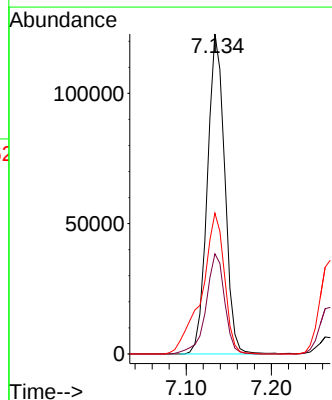
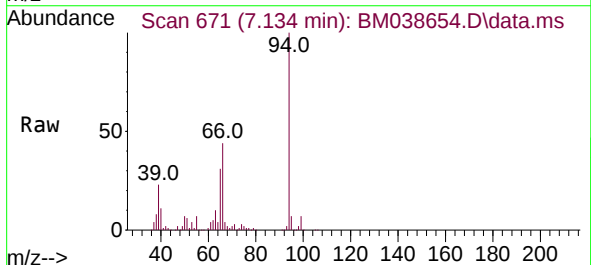
Manual Integrations  
APPROVED

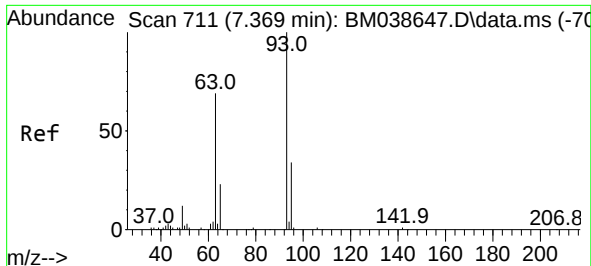
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#10  
Phenol  
Concen: 41.112 ng  
RT: 7.134 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

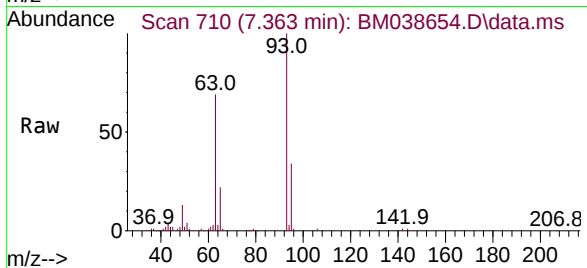
Tgt Ion: 94 Resp: 173660  
Ion Ratio Lower Upper  
94 100  
65 31.3 12.3 52.3  
66 44.0 24.2 64.2





#11  
bis(2-Chloroethyl)ether  
Concen: 40.422 ng  
RT: 7.363 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

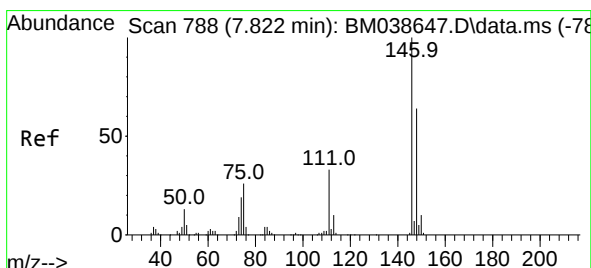
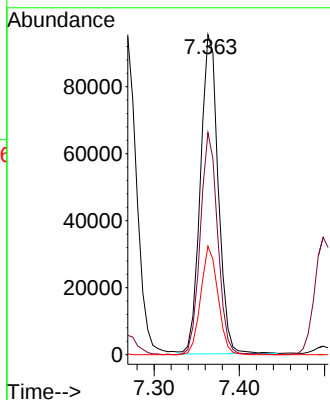
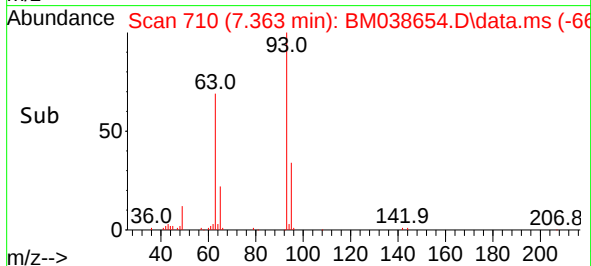
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



Tgt Ion: 93 Resp: 138272  
Ion Ratio Lower Upper  
93 100  
63 69.4 48.5 88.5  
95 33.9 13.8 53.8

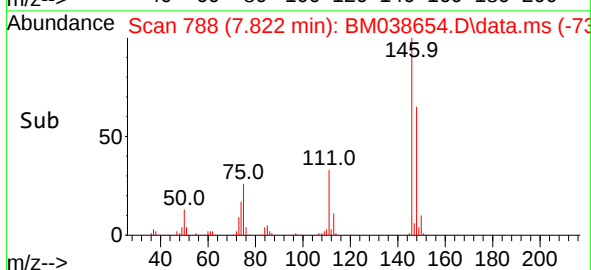
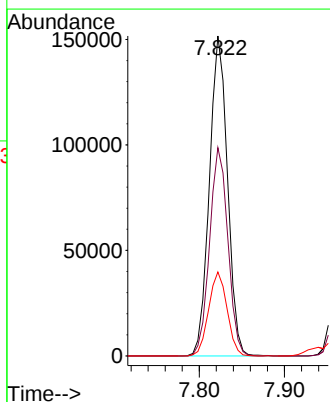
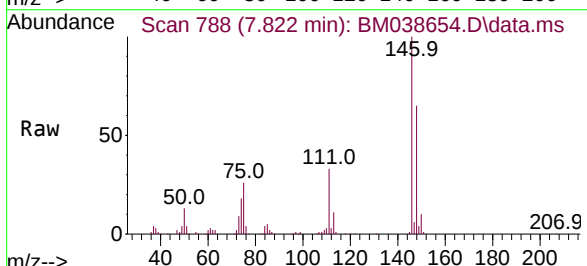
Manual Integrations  
APPROVED

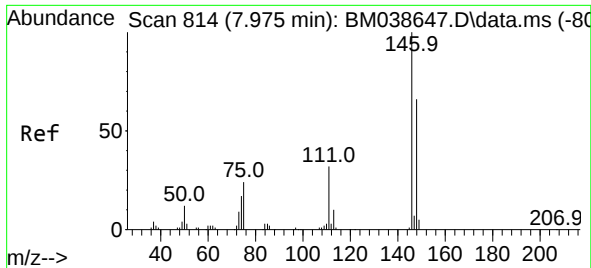
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#12  
1,3-Dichlorobenzene  
Concen: 43.717 ng  
RT: 7.822 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Tgt Ion:146 Resp: 223440  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.5 77.3  
75 26.2 21.1 31.7





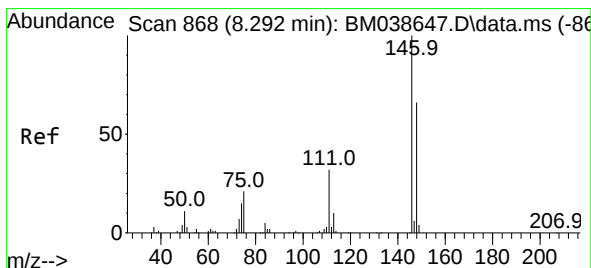
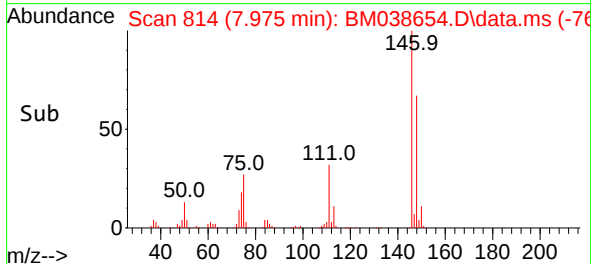
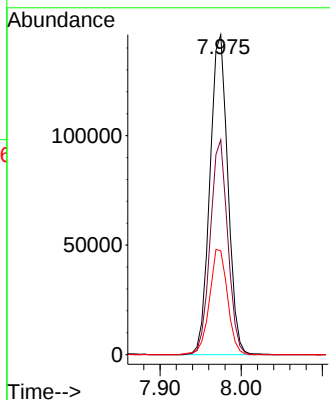
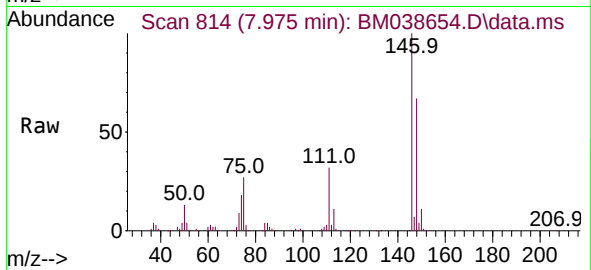
#13  
1,4-Dichlorobenzene  
Concen: 43.389 ng  
RT: 7.975 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD

Tgt Ion:146 Resp: 223808  
Ion Ratio Lower Upper  
146 100  
148 67.1 53.1 79.7  
111 32.4 25.9 38.9

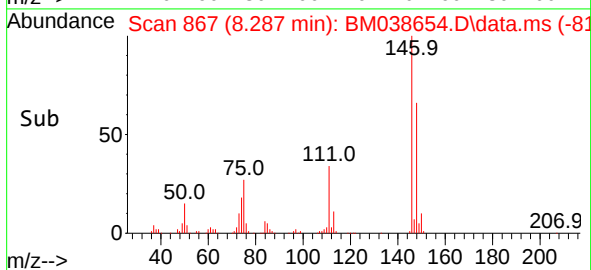
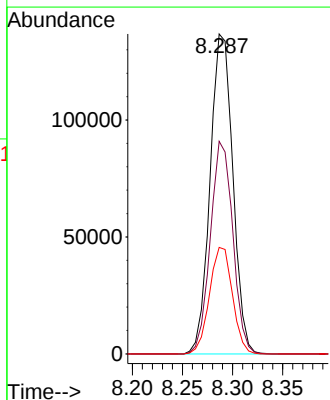
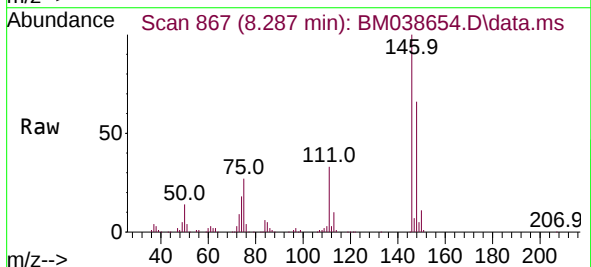
Manual Integrations  
APPROVED

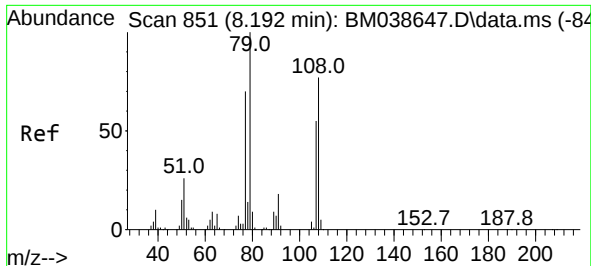
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#14  
1,2-Dichlorobenzene  
Concen: 43.637 ng  
RT: 8.287 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Tgt Ion:146 Resp: 215633  
Ion Ratio Lower Upper  
146 100  
148 66.4 52.9 79.3  
111 33.3 26.2 39.2





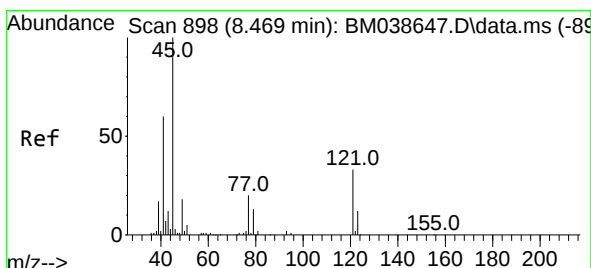
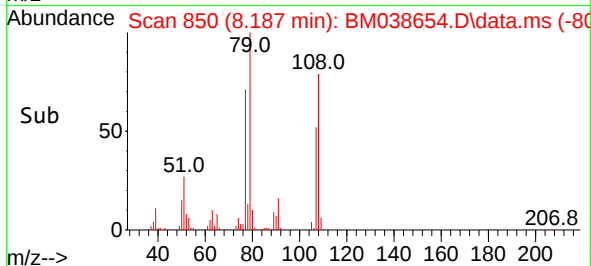
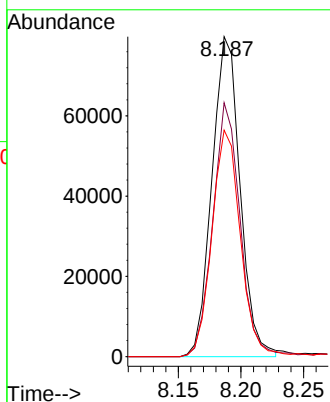
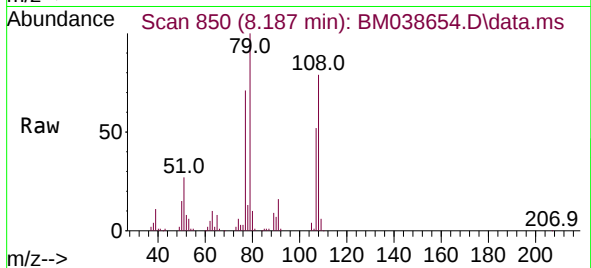
#15  
Benzyl Alcohol  
Concen: 40.496 ng m  
RT: 8.187 min Scan# 851  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD

Tgt Ion: 79 Resp: 124625  
Ion Ratio Lower Upper  
79 100  
108 79.3 61.9 92.9  
77 70.8 55.8 83.8

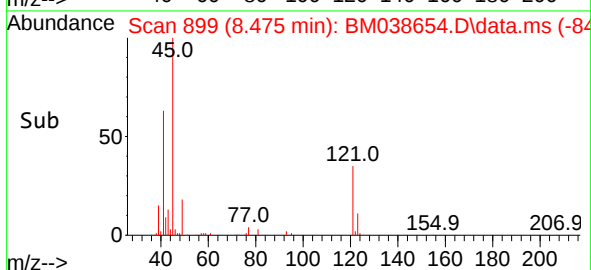
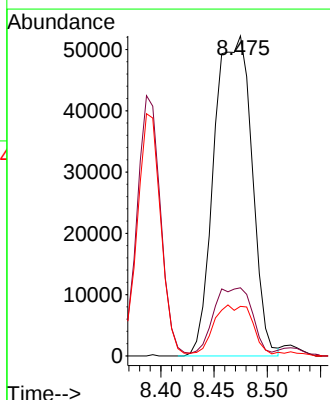
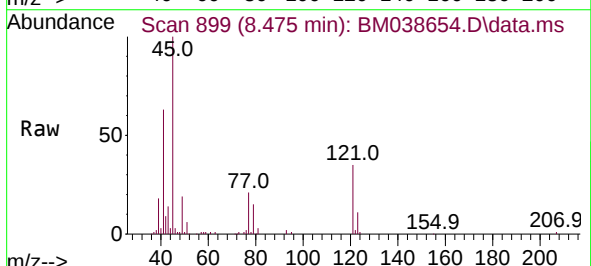
Manual Integrations  
APPROVED

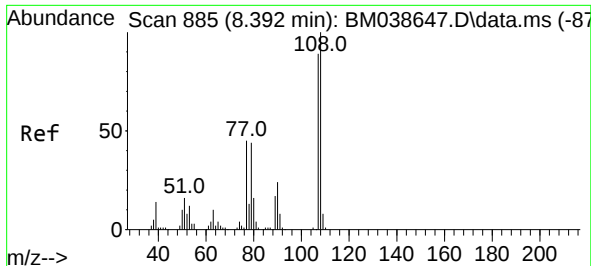
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.643 ng  
RT: 8.475 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Tgt Ion: 45 Resp: 128452  
Ion Ratio Lower Upper  
45 100  
77 21.3 1.1 41.1  
79 15.5 0.0 34.6





#17

2-Methylphenol

Concen: 38.234 ng

RT: 8.387 min Scan# 885

Delta R.T. -0.006 min

Lab File: BM038654.D

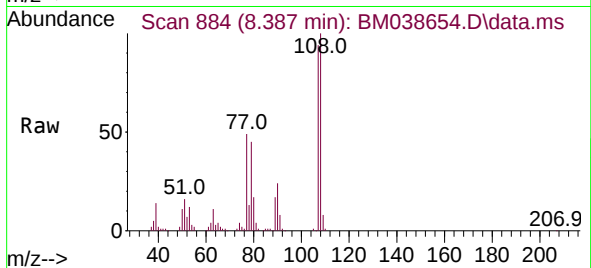
Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

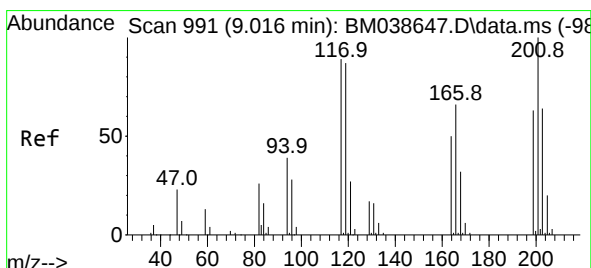
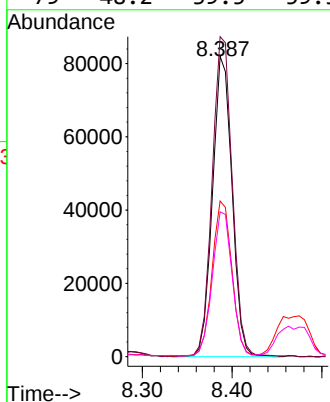
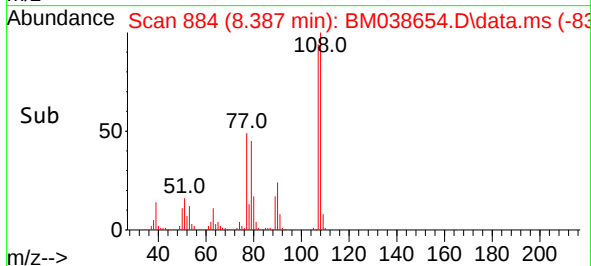


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 106.6 | 89.6  | 134.4 |
| 77      | 51.8  | 40.7  | 61.1  |
| 79      | 48.2  | 39.5  | 59.3  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#18

Hexachloroethane

Concen: 43.812 ng

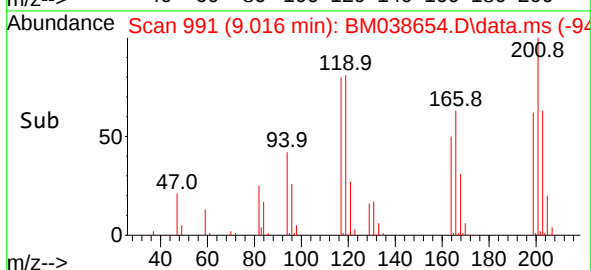
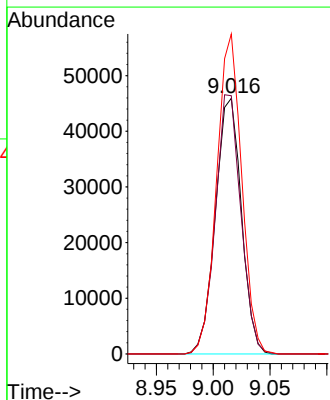
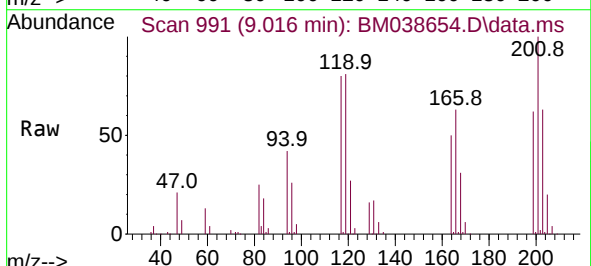
RT: 9.016 min Scan# 991

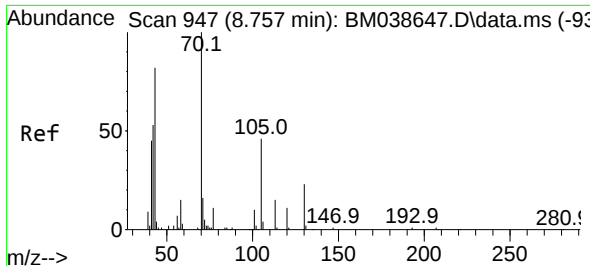
Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

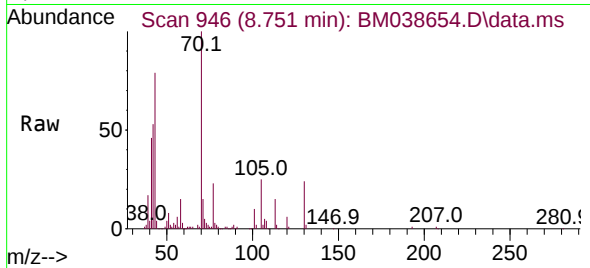
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 101.0 | 78.6  | 117.8 |
| 201     | 125.2 | 90.2  | 135.2 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 40.281 ng  
RT: 8.751 min Scan# 946  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

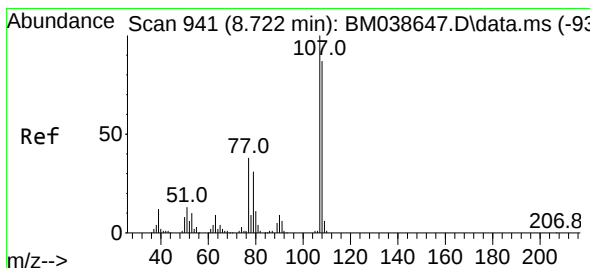
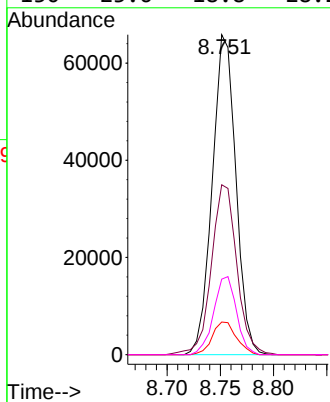
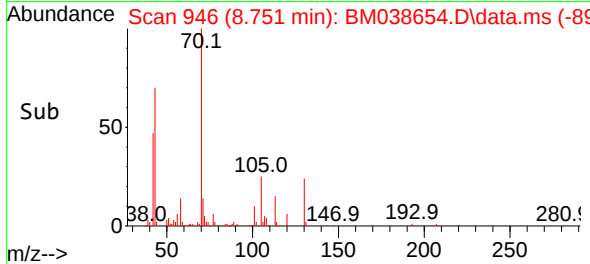
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



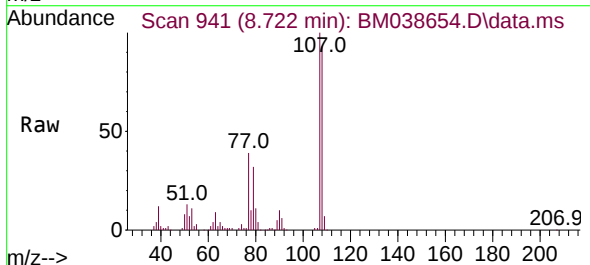
Tgt Ion: 70 Resp: 101519  
Ion Ratio Lower Upper  
70 100  
42 53.1 43.4 65.2  
101 10.2 8.2 12.2  
130 23.6 18.8 28.2

Manual Integrations  
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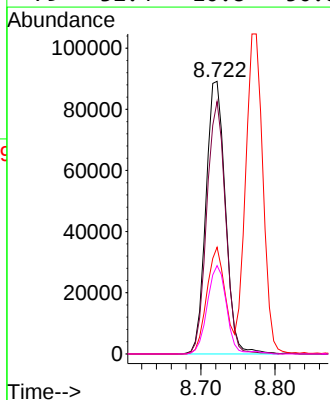
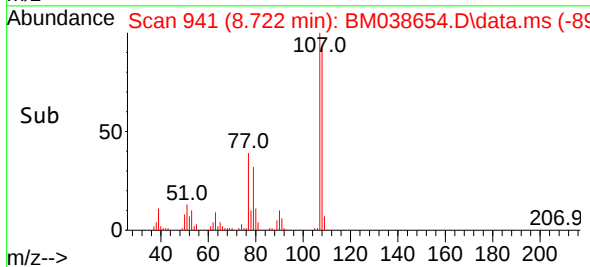
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

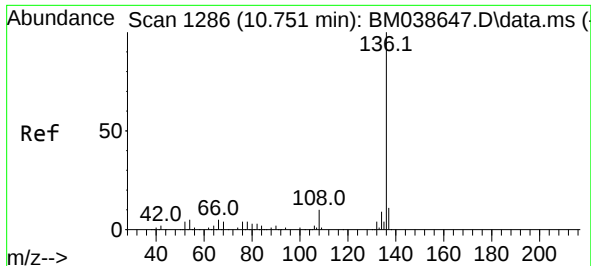


#20  
3+4-Methylphenols  
Concen: 37.607 ng  
RT: 8.722 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



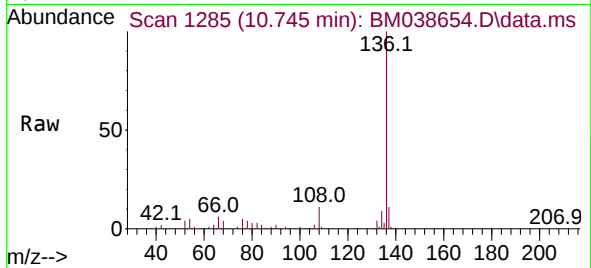
Tgt Ion:107 Resp: 162454  
Ion Ratio Lower Upper  
107 100  
108 92.6 67.2 107.2  
77 39.1 17.5 57.5  
79 32.4 10.8 50.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.745 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

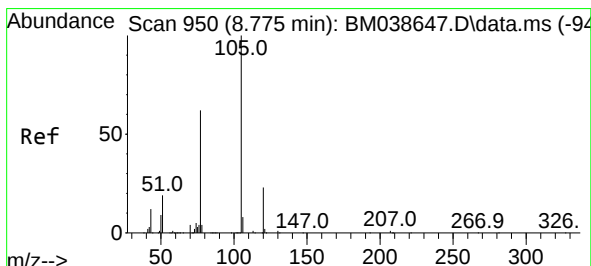
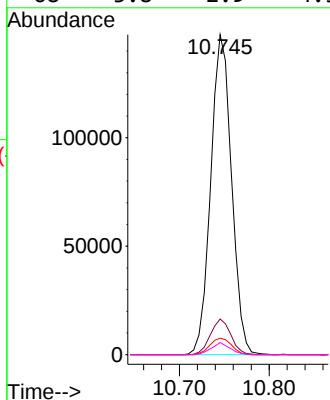
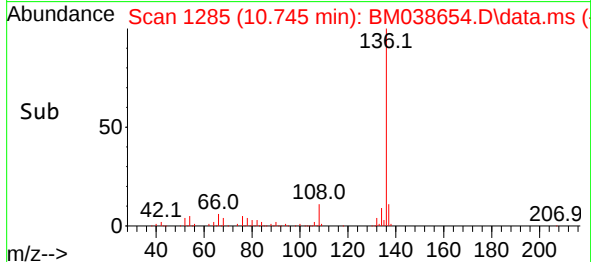
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



Tgt Ion:136 Resp: 238532  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 5.1 4.2 6.4  
68 3.8 2.9 4.3

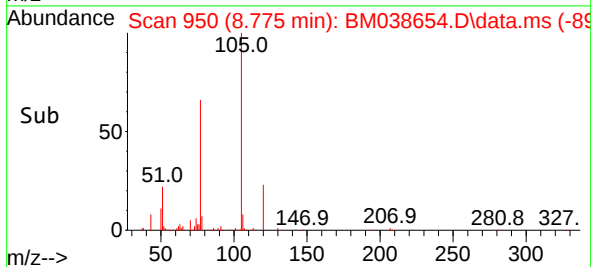
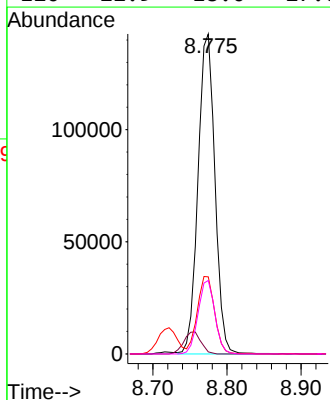
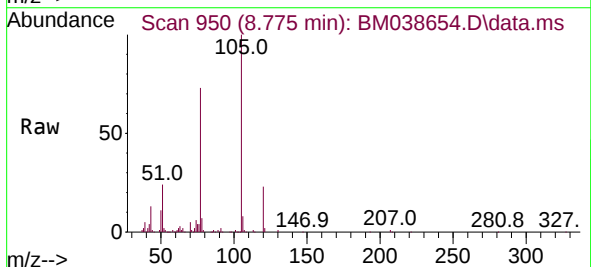
Manual Integrations  
APPROVED

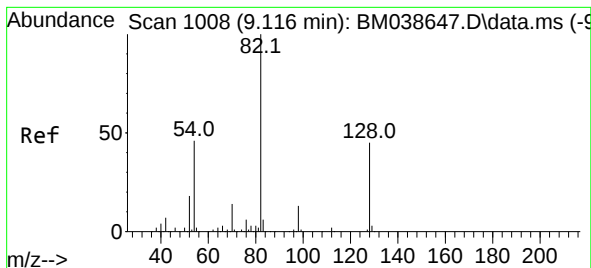
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#22  
Acetophenone  
Concen: 39.726 ng  
RT: 8.775 min Scan# 950  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Tgt Ion:105 Resp: 225979  
Ion Ratio Lower Upper  
105 100  
71 0.6 0.9 1.3#  
51 24.1 19.3 28.9  
120 22.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 82.312 ng

RT: 9.116 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

Tgt Ion: 82 Resp: 345669

Ion Ratio Lower Upper

82 100

128 47.0 36.0 54.0

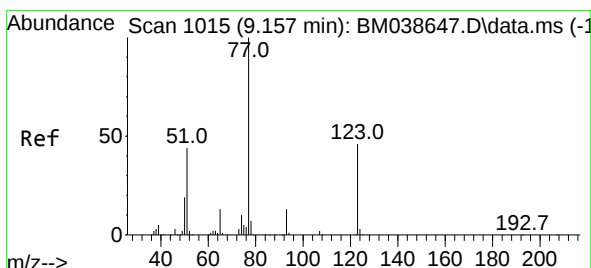
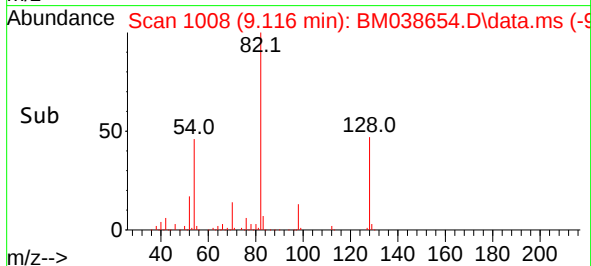
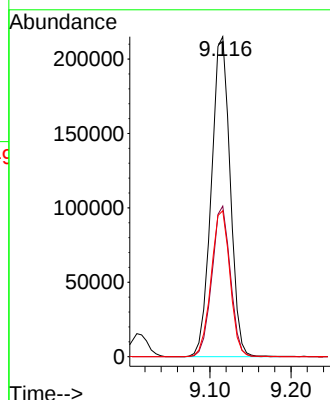
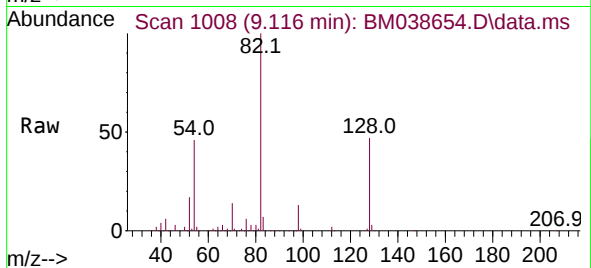
54 45.6 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#24

Nitrobenzene

Concen: 39.239 ng

RT: 9.157 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

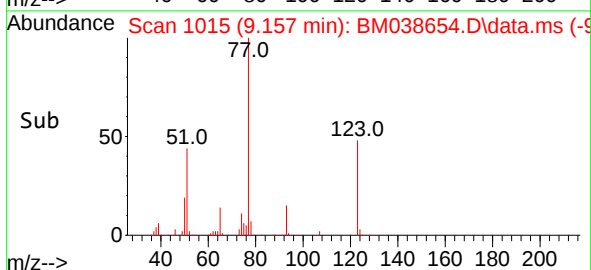
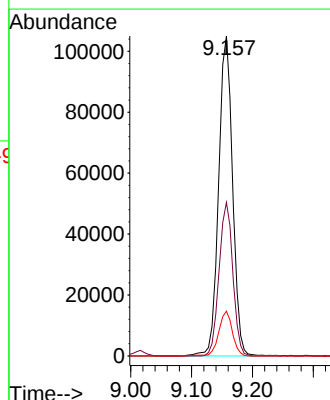
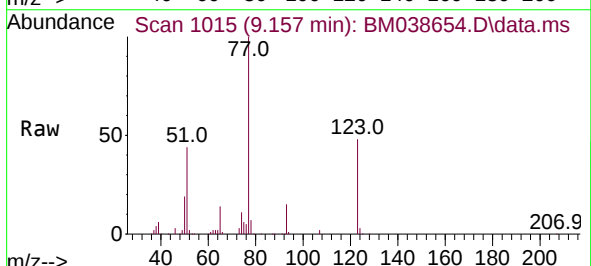
Tgt Ion: 77 Resp: 167256

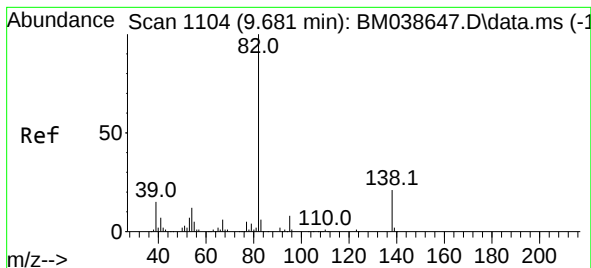
Ion Ratio Lower Upper

77 100

123 48.0 36.5 54.7

65 14.0 10.7 16.1





#25

Isophorone

Concen: 37.440 ng

RT: 9.681 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

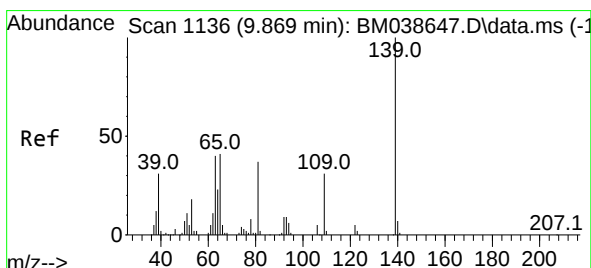
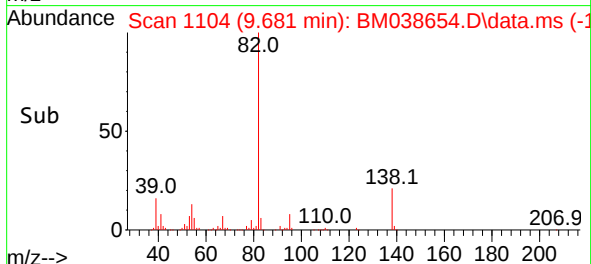
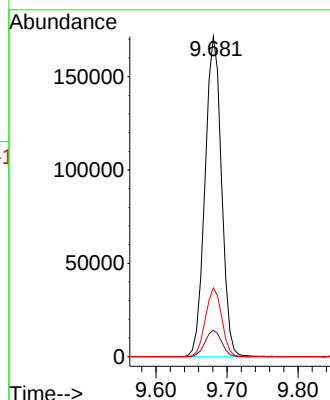
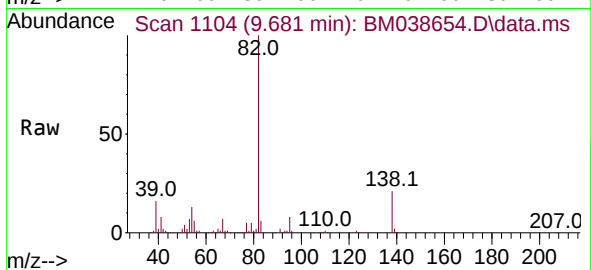
PB150362BSD

Tgt Ion: 82 Resp: 275432  
 Ion Ratio Lower Upper  
 82 100  
 95 8.3 6.4 9.6  
 138 21.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023



#26

2-Nitrophenol

Concen: 41.342 ng

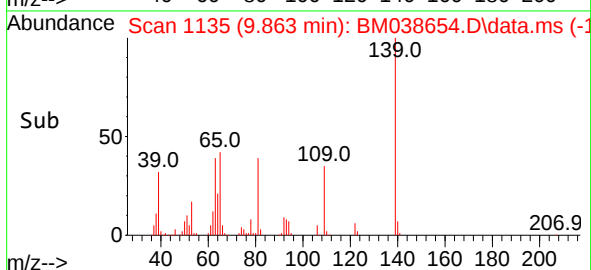
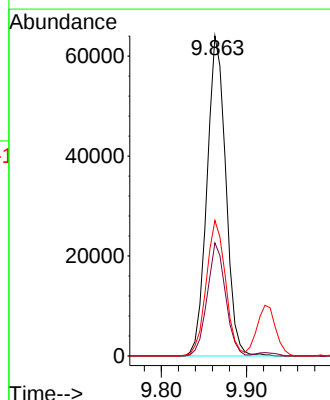
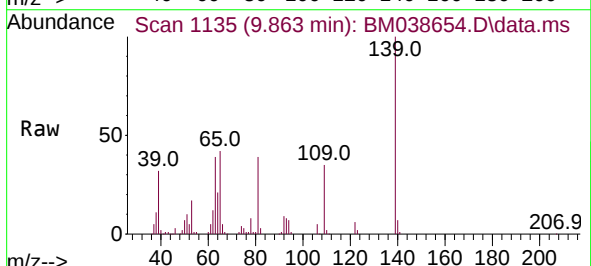
RT: 9.863 min Scan# 1135

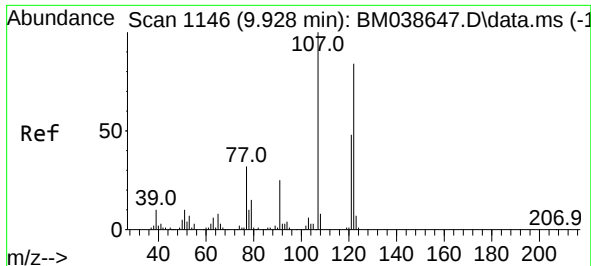
Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Tgt Ion:139 Resp: 98057  
 Ion Ratio Lower Upper  
 139 100  
 109 35.3 24.5 36.7  
 65 42.3 32.6 49.0





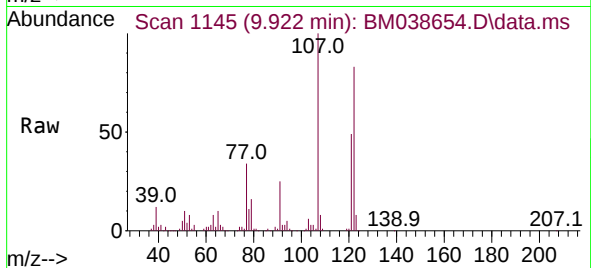
#27  
2,4-Dimethylphenol  
Concen: 39.340 ng  
RT: 9.922 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

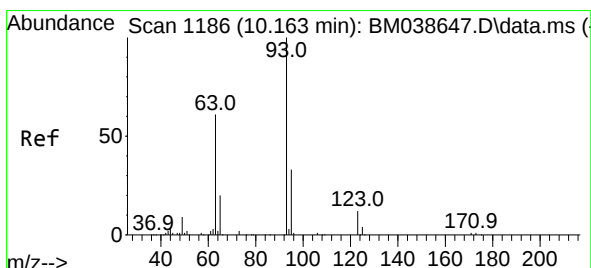
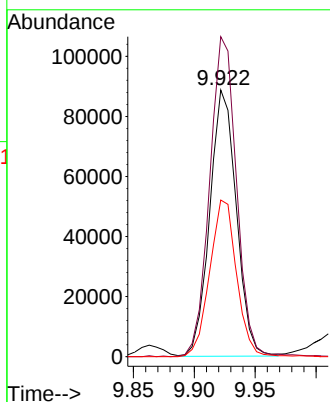
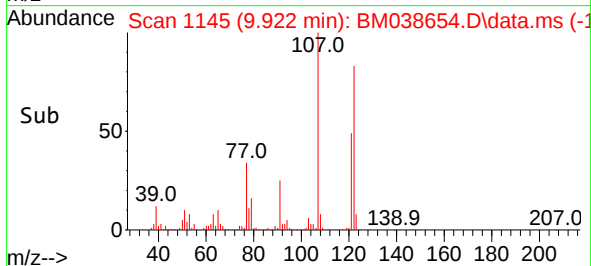


Tgt Ion:122 Resp: 134627  
Ion Ratio Lower Upper  
122 100  
107 120.0 94.9 142.3  
121 58.7 45.5 68.3

Manual Integrations

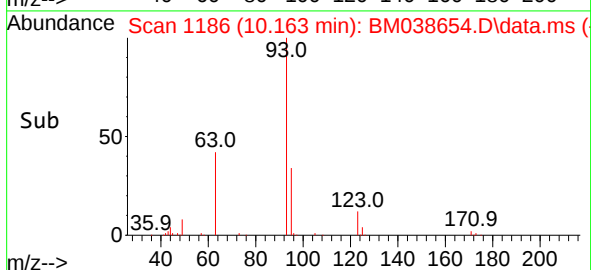
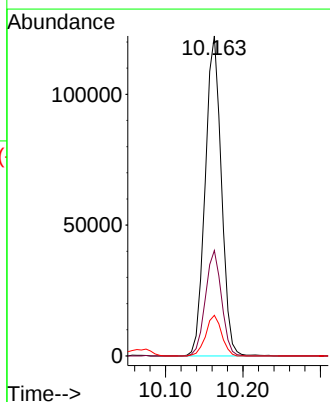
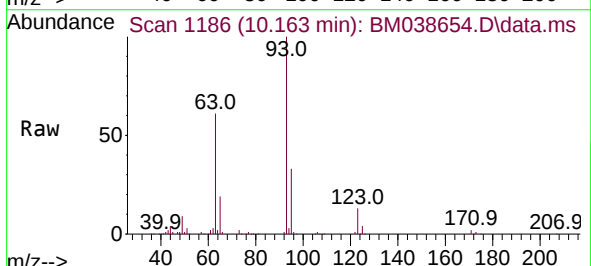
APPROVED

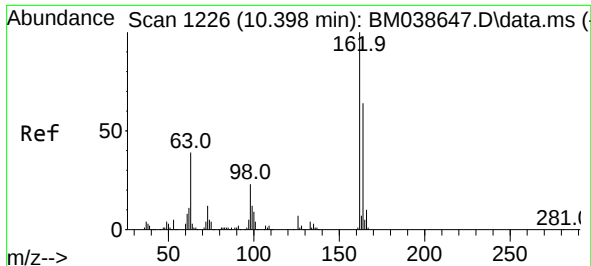
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.396 ng  
RT: 10.163 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

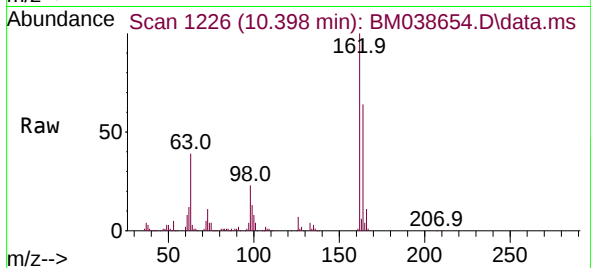
Tgt Ion: 93 Resp: 177120  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.6 40.0  
123 12.7 9.6 14.4





#29  
2,4-Dichlorophenol  
Concen: 40.562 ng  
RT: 10.398 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

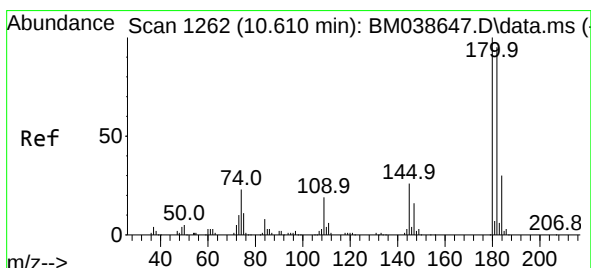
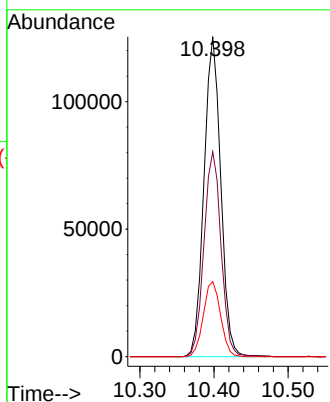
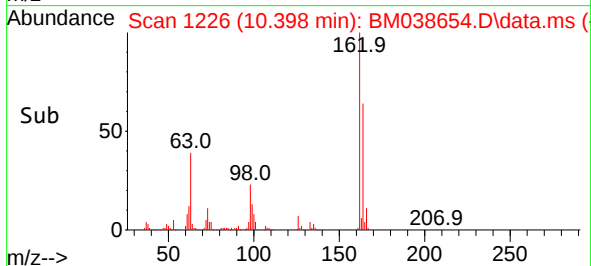
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



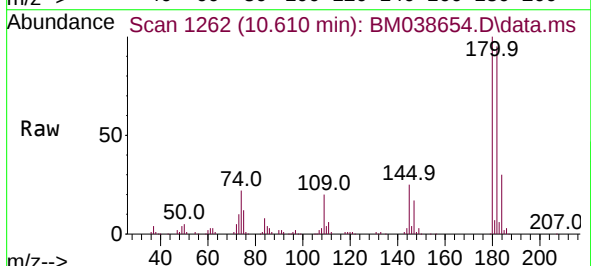
Tgt Ion:162 Resp: 197209  
Ion Ratio Lower Upper  
162 100  
164 64.0 44.3 84.3  
98 23.5 3.1 43.1

Manual Integrations  
APPROVED

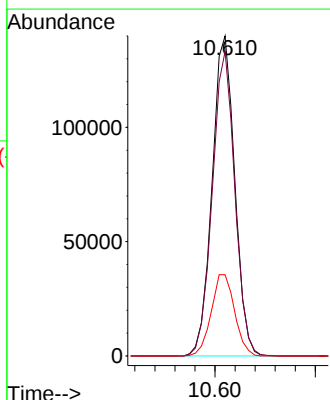
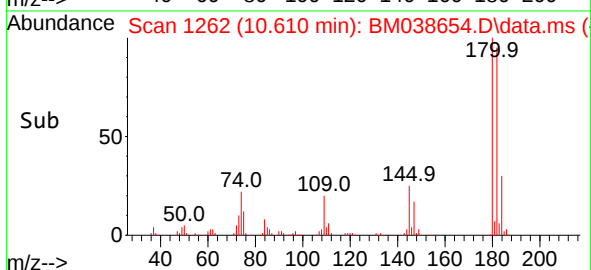
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

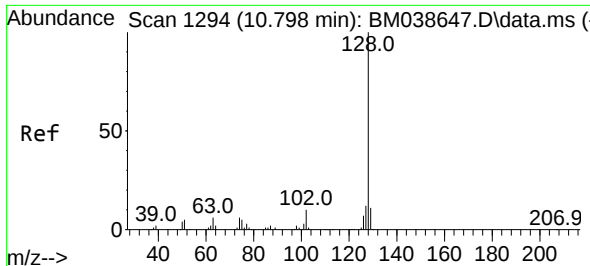


#30  
1,2,4-Trichlorobenzene  
Concen: 42.426 ng  
RT: 10.610 min Scan# 1262  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



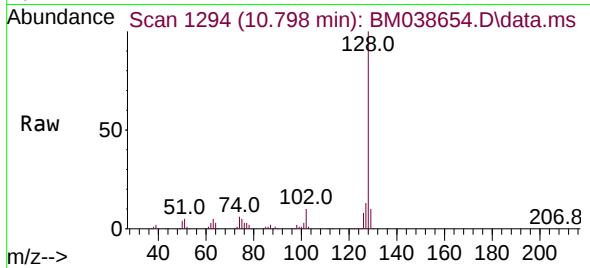
Tgt Ion:180 Resp: 219412  
Ion Ratio Lower Upper  
180 100  
182 95.2 76.2 114.2  
145 25.4 20.8 31.2





#31  
Naphthalene  
Concen: 39.837 ng  
RT: 10.798 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

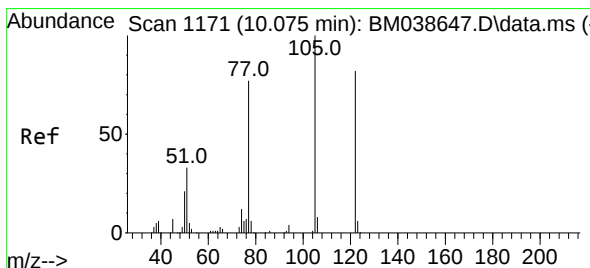
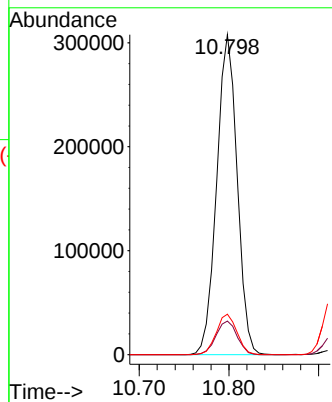
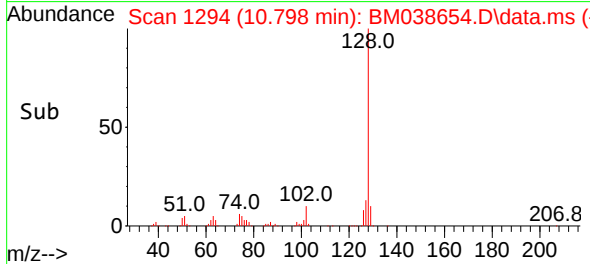
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



Tgt Ion:128 Resp: 487617  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.1 13.7  
127 12.6 9.9 14.9

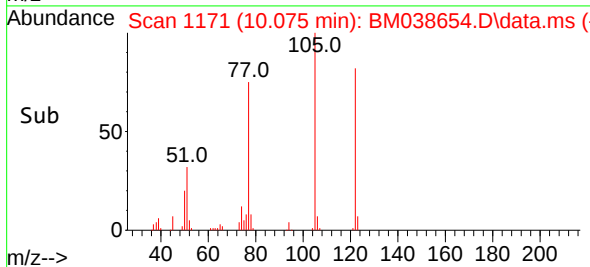
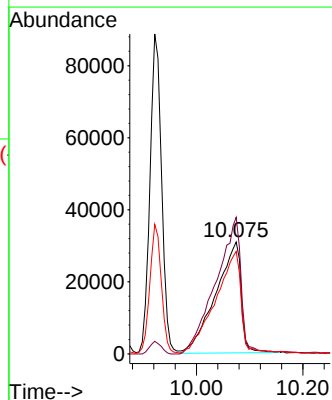
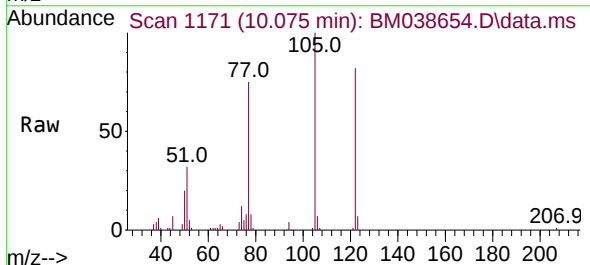
Manual Integrations  
APPROVED

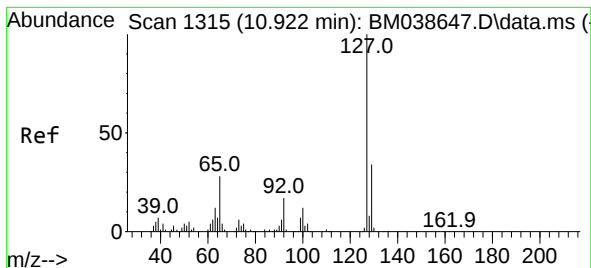
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#32  
Benzoic acid  
Concen: 36.781 ng  
RT: 10.075 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

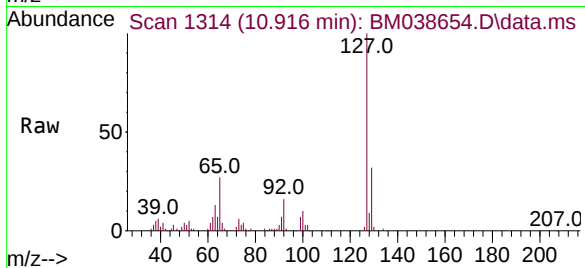
Tgt Ion:122 Resp: 101890  
Ion Ratio Lower Upper  
122 100  
105 122.1 99.2 139.2  
77 91.6 72.3 112.3





#33  
4-Chloroaniline  
Concen: 22.007 ng  
RT: 10.916 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

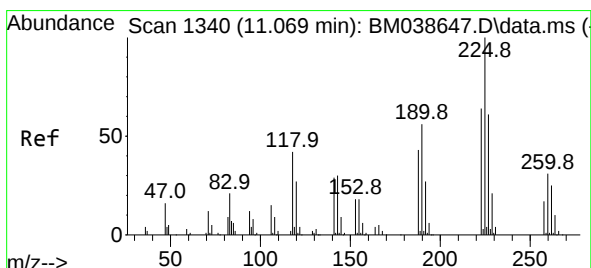
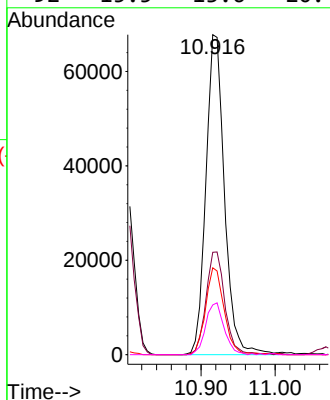
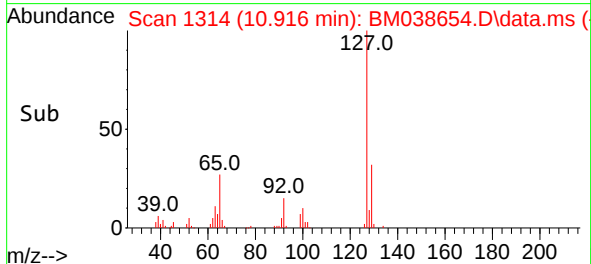
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



Tgt Ion:127 Resp: 118054  
Ion Ratio Lower Upper  
127 100  
129 32.0 27.1 40.7  
65 27.1 22.2 33.4  
92 15.5 13.6 20.4

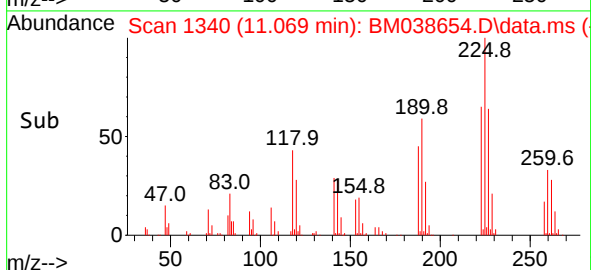
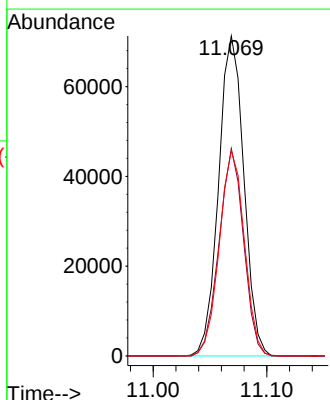
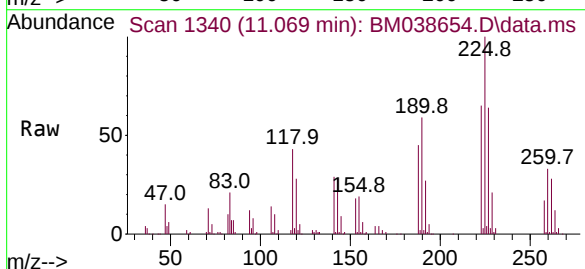
Manual Integrations  
APPROVED

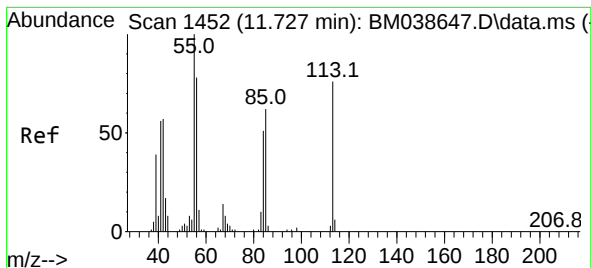
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#34  
Hexachlorobutadiene  
Concen: 42.513 ng  
RT: 11.069 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

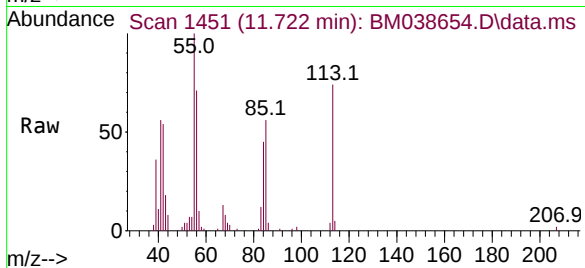
Tgt Ion:225 Resp: 110138  
Ion Ratio Lower Upper  
225 100  
223 64.8 51.0 76.4  
227 64.1 49.2 73.8





#35  
Caprolactam  
Concen: 34.863 ng m  
RT: 11.722 min Scan# 1452  
Delta R.T. -0.005 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

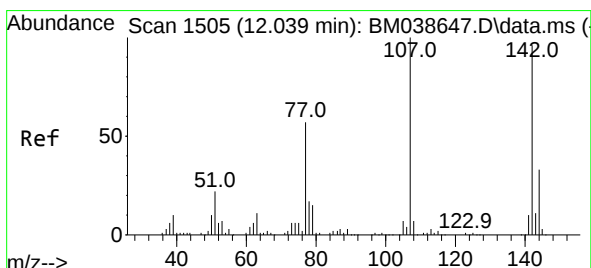
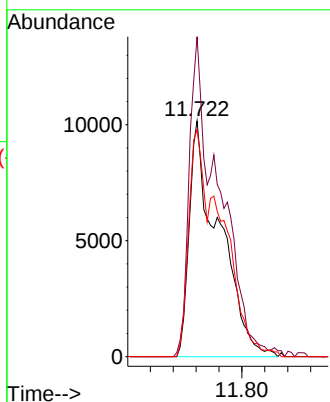
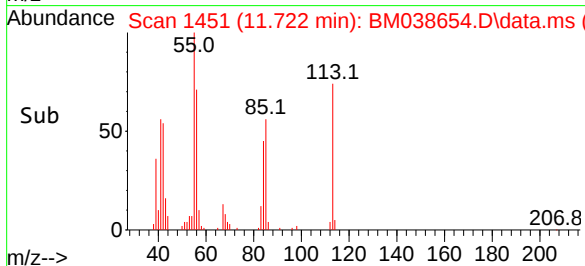
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



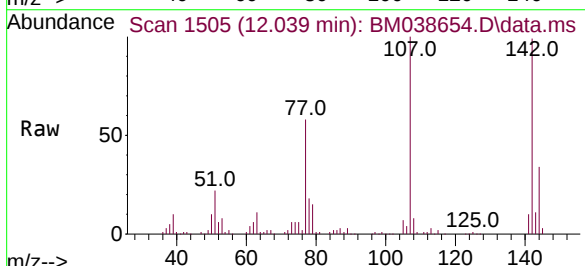
Tgt Ion:113 Resp: 36504  
Ion Ratio Lower Upper  
113 100  
55 135.9 111.2 151.2  
56 96.4 82.0 122.0

Manual Integrations  
APPROVED

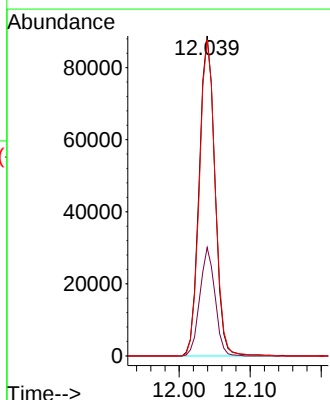
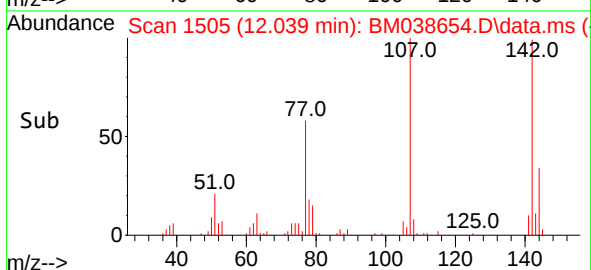
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

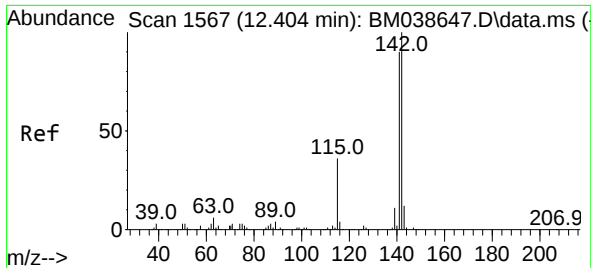


#36  
4-Chloro-3-methylphenol  
Concen: 37.749 ng  
RT: 12.039 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



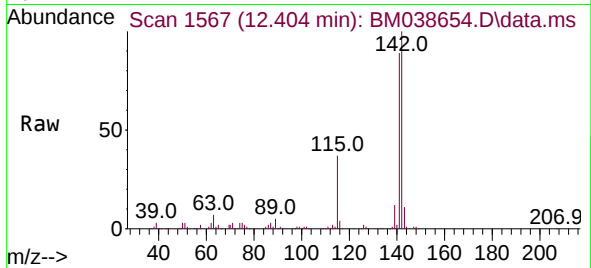
Tgt Ion:107 Resp: 135710  
Ion Ratio Lower Upper  
107 100  
144 33.9 26.5 39.7  
142 98.8 77.0 115.6





#37  
2-Methylnaphthalene  
Concen: 37.853 ng  
RT: 12.404 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

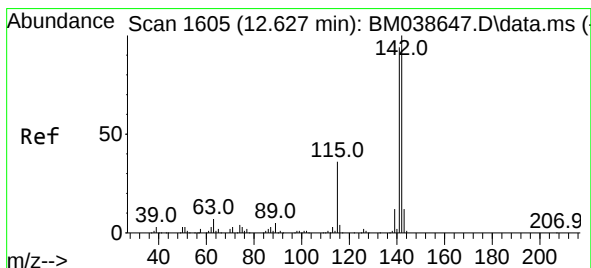
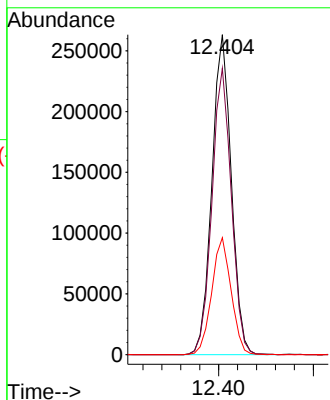
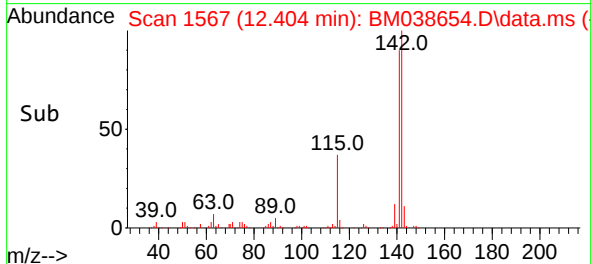
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



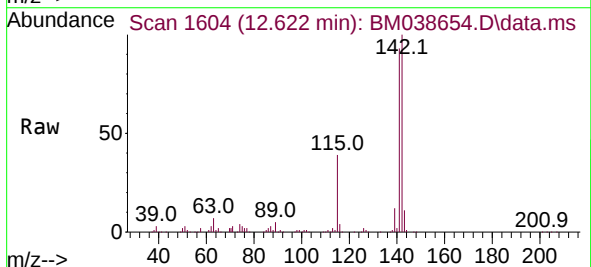
Tgt Ion:142 Resp: 374423  
Ion Ratio Lower Upper  
142 100  
141 89.5 71.8 107.8  
115 36.5 28.7 43.1

Manual Integrations  
APPROVED

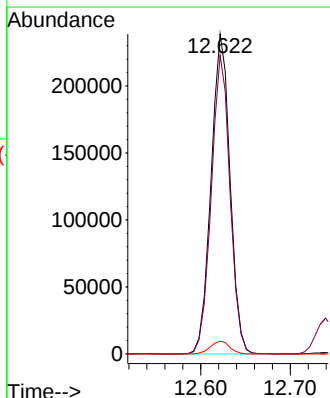
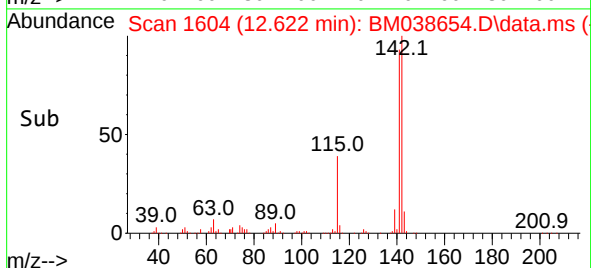
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

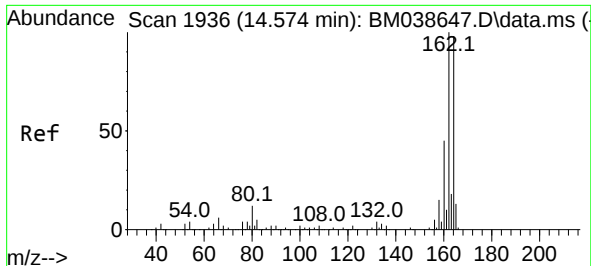


#38  
1-Methylnaphthalene  
Concen: 37.753 ng  
RT: 12.622 min Scan# 1604  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



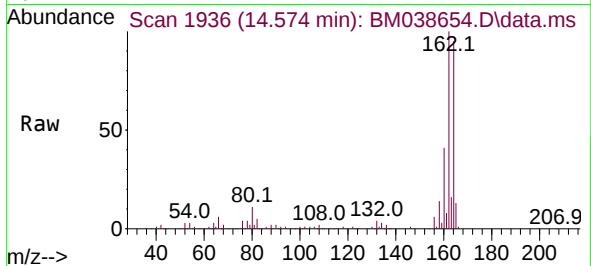
Tgt Ion:142 Resp: 351889  
Ion Ratio Lower Upper  
142 100  
141 93.3 75.5 113.3  
116 4.0 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.574 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

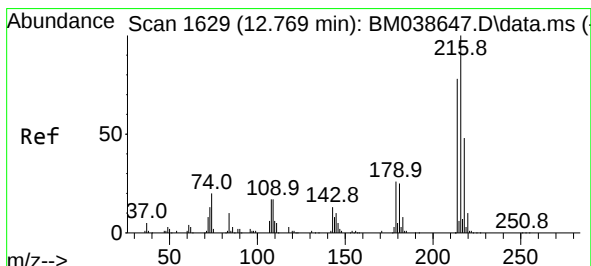
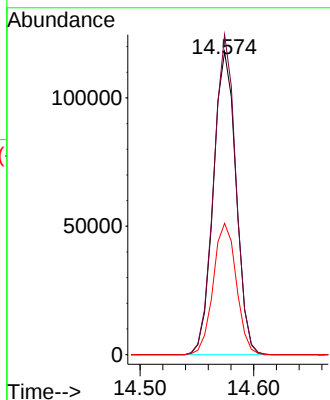
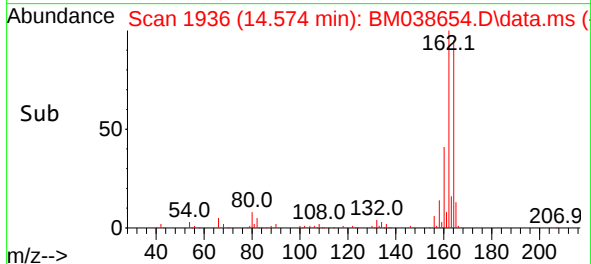
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



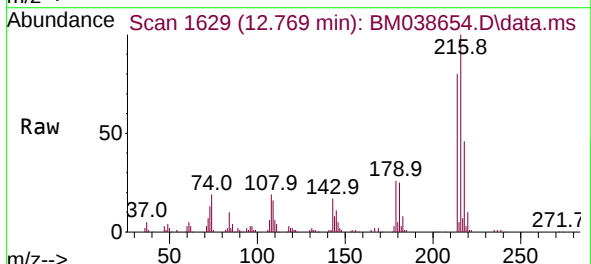
Tgt Ion:164 Resp: 163683  
Ion Ratio Lower Upper  
164 100  
162 105.7 81.4 122.0  
160 43.3 36.5 54.7

Manual Integrations  
APPROVED

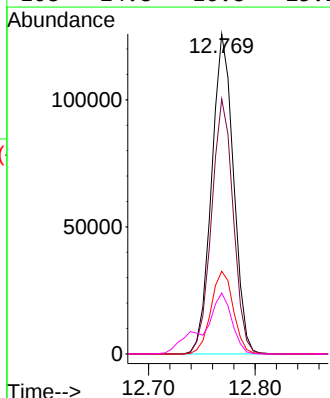
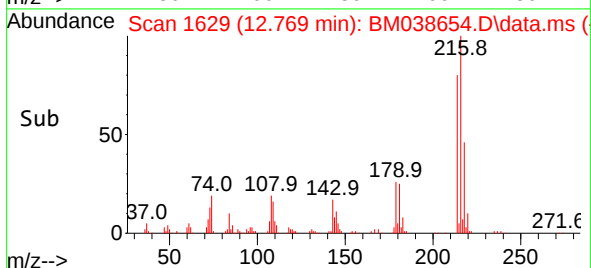
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

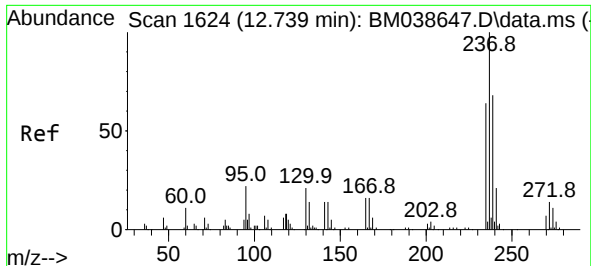


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.258 ng  
RT: 12.769 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



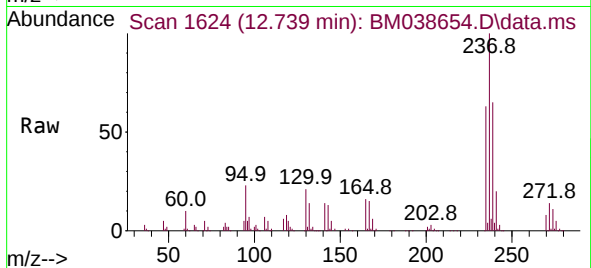
Tgt Ion:216 Resp: 180013  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.4 95.0  
179 26.3 21.0 31.4  
108 24.8 16.8 25.2





#41  
Hexachlorocyclopentadiene  
Concen: 100.773 ng  
RT: 12.739 min Scan# 1624  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

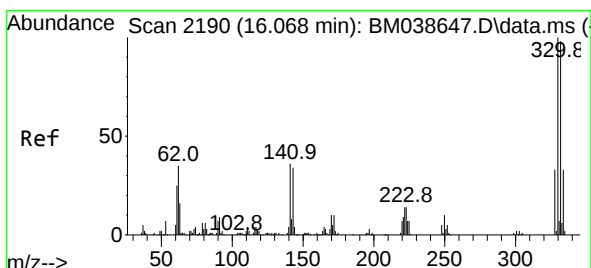
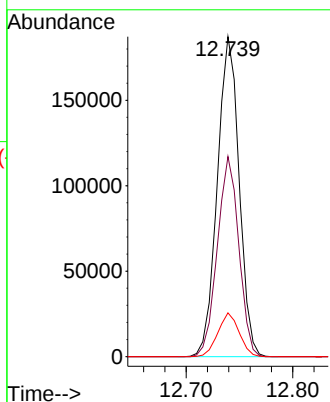
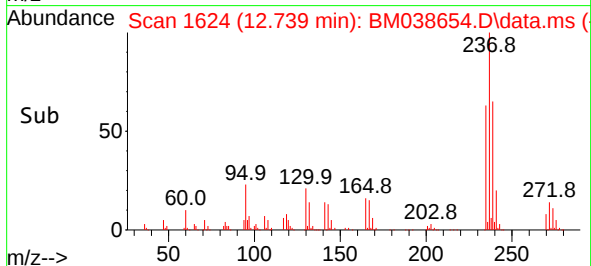
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



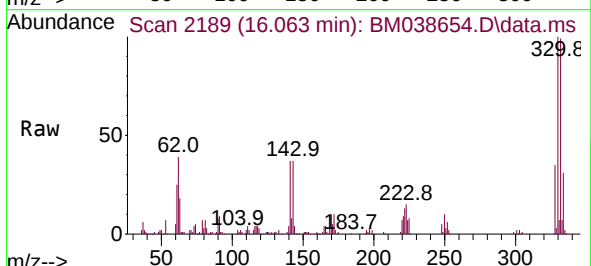
Tgt Ion:237 Resp: 266384  
Ion Ratio Lower Upper  
237 100  
235 62.5 43.8 83.8  
272 13.7 0.0 33.8

Manual Integrations  
APPROVED

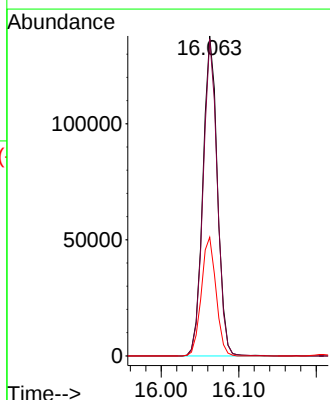
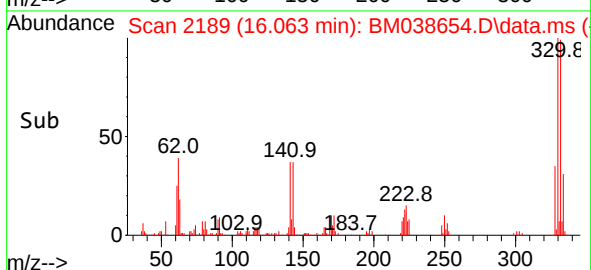
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

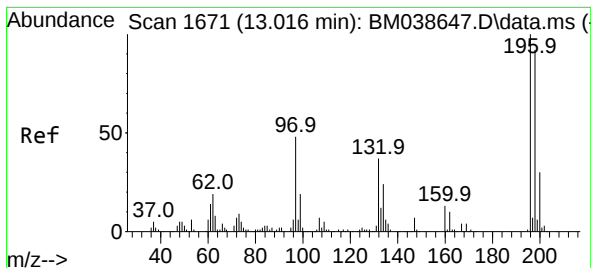


#42  
2,4,6-Tribromophenol  
Concen: 80.225 ng  
RT: 16.063 min Scan# 2189  
Delta R.T. -0.005 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



Tgt Ion:330 Resp: 178486  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.6  
141 37.5 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 41.093 ng

RT: 13.016 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

Tgt Ion:196 Resp: 137524

Ion Ratio Lower Upper

196 100

198 92.7 73.7 110.5

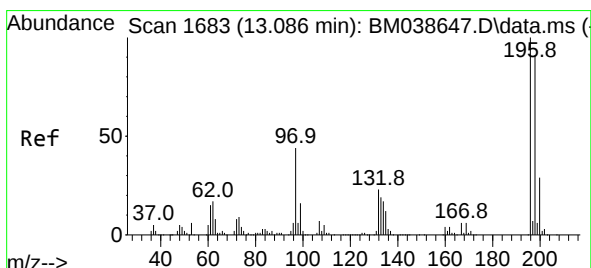
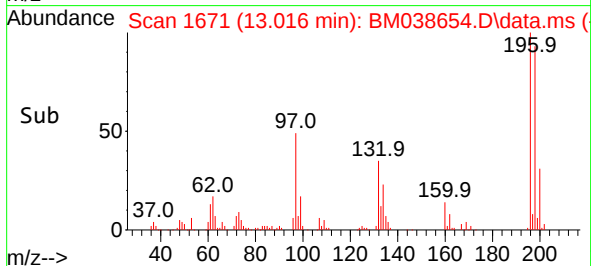
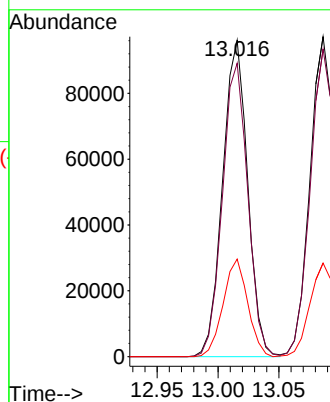
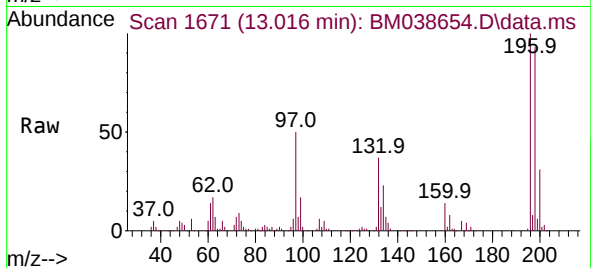
200 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#44

2,4,5-Trichlorophenol

Concen: 36.695 ng

RT: 13.086 min Scan# 1683

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Tgt Ion:196 Resp: 144514

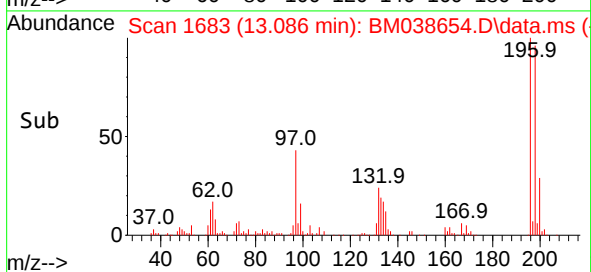
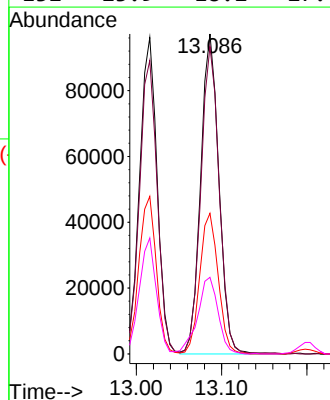
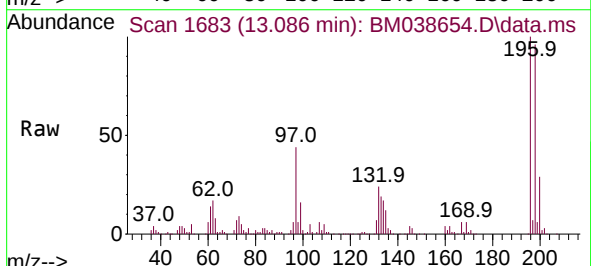
Ion Ratio Lower Upper

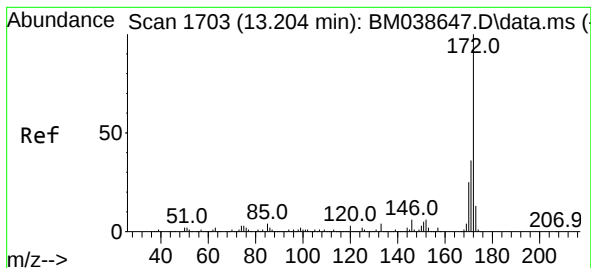
196 100

198 96.1 73.1 109.7

97 43.9 35.5 53.3

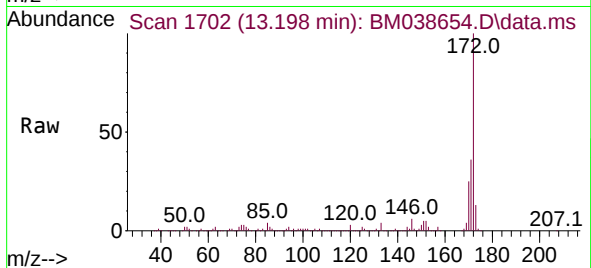
132 23.9 18.2 27.4





#45  
2-Fluorobiphenyl  
Concen: 83.114 ng  
RT: 13.198 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

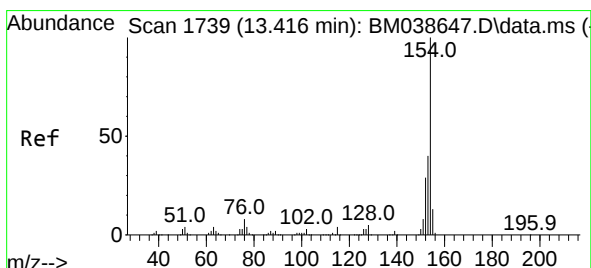
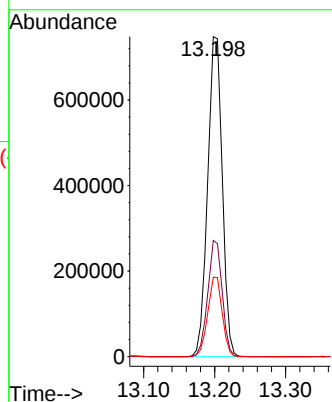
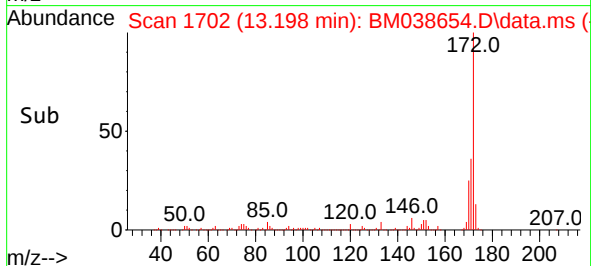
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



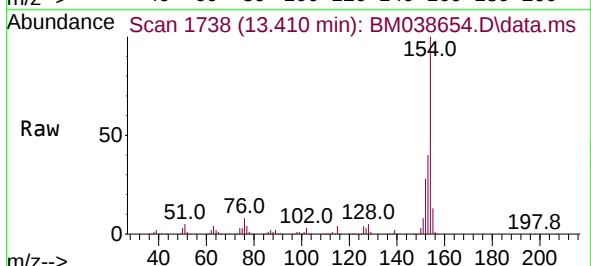
Tgt Ion:172 Resp: 1068595  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.7 43.1  
170 24.8 20.0 30.0

Manual Integrations  
APPROVED

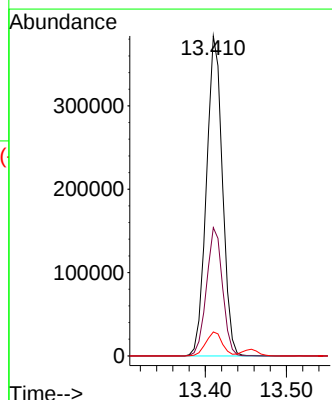
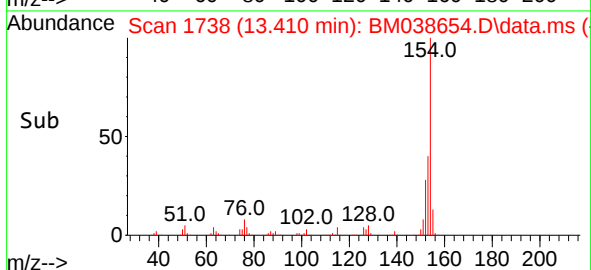
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

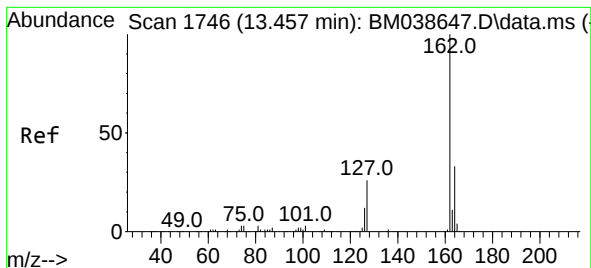


#46  
1,1'-Biphenyl  
Concen: 40.582 ng  
RT: 13.410 min Scan# 1738  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



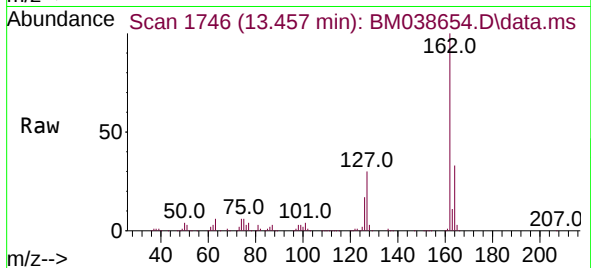
Tgt Ion:154 Resp: 526190  
Ion Ratio Lower Upper  
154 100  
153 40.1 19.9 59.9  
76 7.5 0.0 27.9





#47  
2-Chloronaphthalene  
Concen: 41.728 ng  
RT: 13.457 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

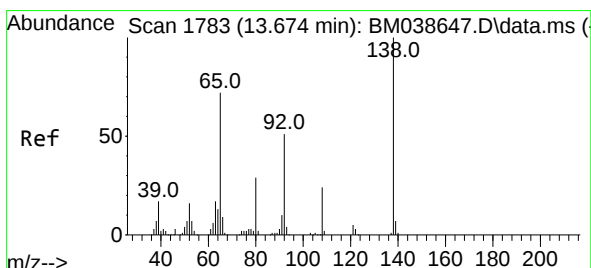
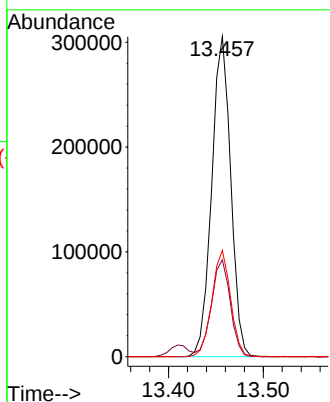
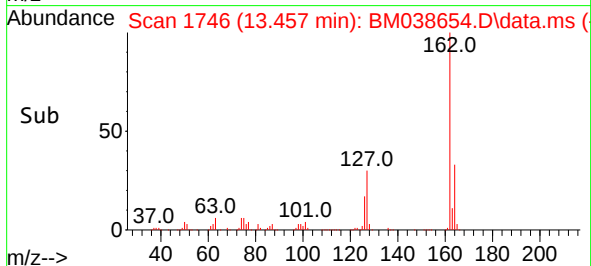
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



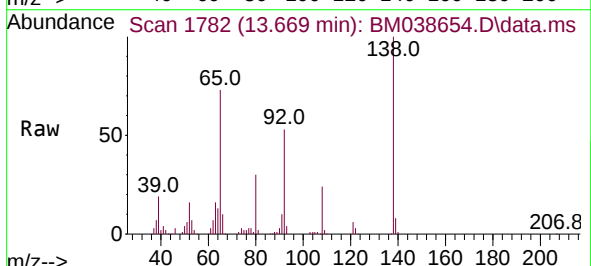
Tgt Ion:162 Resp: 425746  
Ion Ratio Lower Upper  
162 100  
127 30.2 23.6 35.4  
164 33.2 26.7 40.1

Manual Integrations  
APPROVED

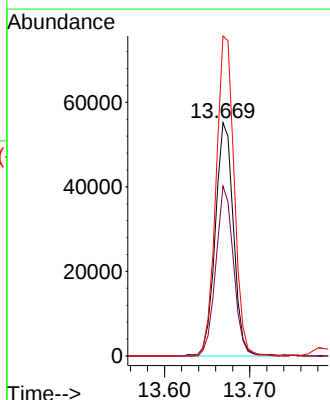
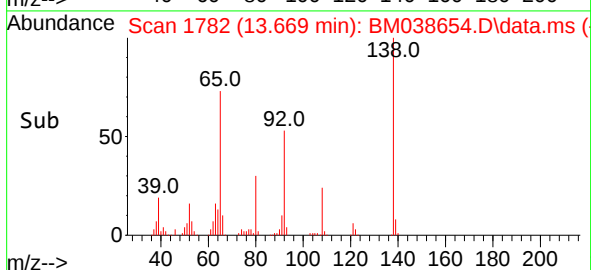
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

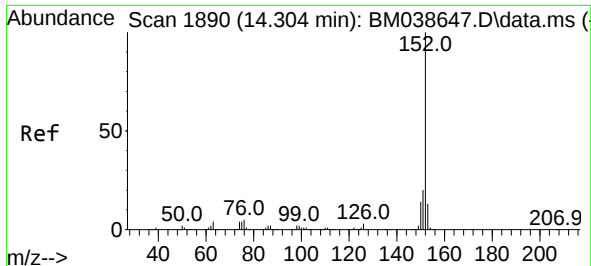


#48  
2-Nitroaniline  
Concen: 35.946 ng  
RT: 13.669 min Scan# 1782  
Delta R.T. -0.005 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



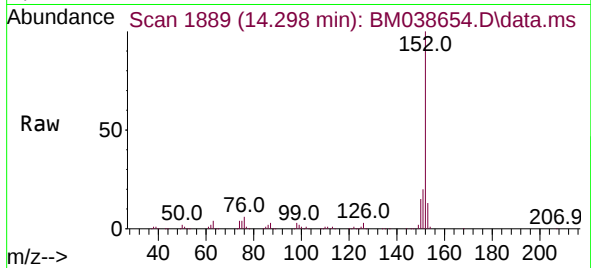
Tgt Ion: 65 Resp: 81453  
Ion Ratio Lower Upper  
65 100  
92 72.8 55.9 83.9  
138 137.2 110.6 166.0





#49  
Acenaphthylene  
Concen: 38.738 ng  
RT: 14.298 min Scan# 1889  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

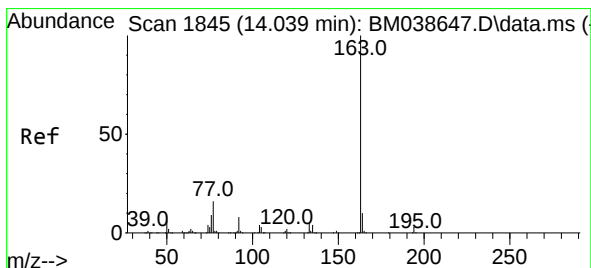
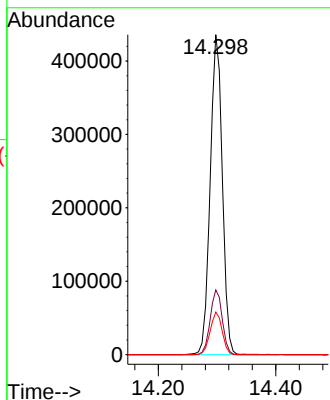
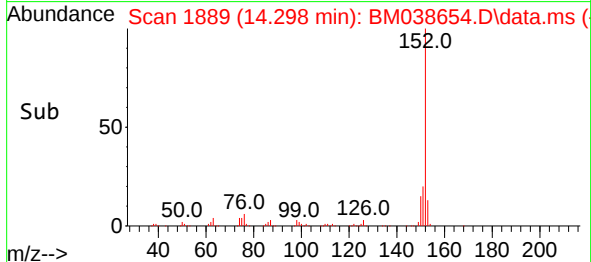
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



Tgt Ion:152 Resp: 622518  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.3 10.0 15.0

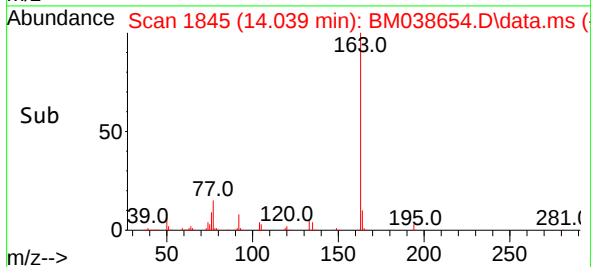
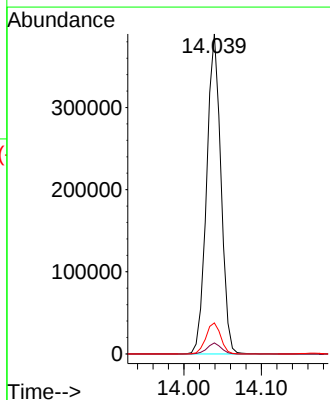
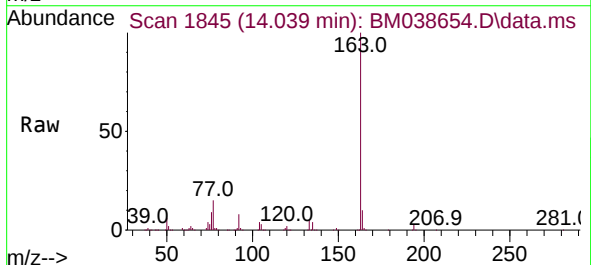
Manual Integrations  
APPROVED

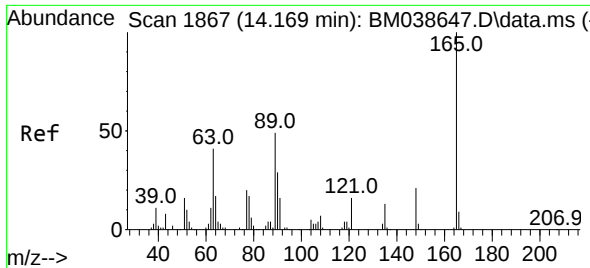
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#50  
Dimethylphthalate  
Concen: 37.213 ng  
RT: 14.039 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

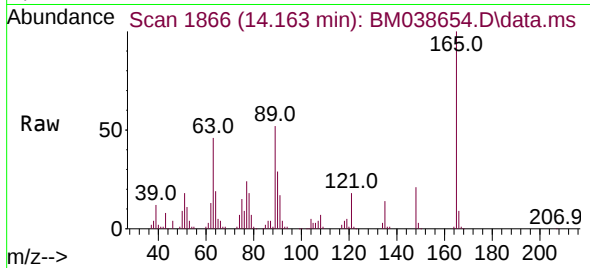
Tgt Ion:163 Resp: 497072  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 4.0  
164 9.7 8.2 12.4





#51  
2,6-Dinitrotoluene  
Concen: 39.172 ng  
RT: 14.163 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

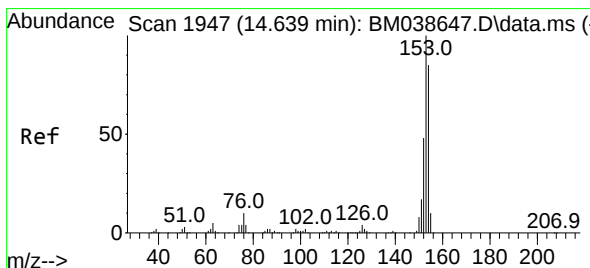
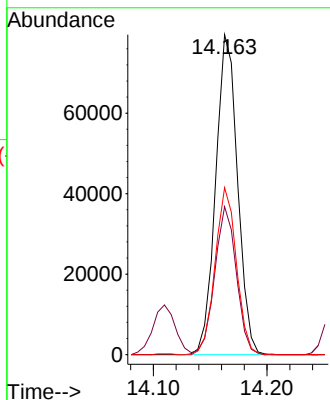
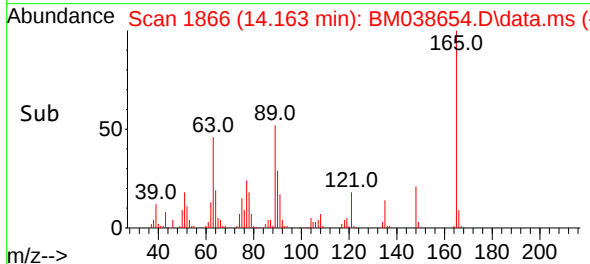
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



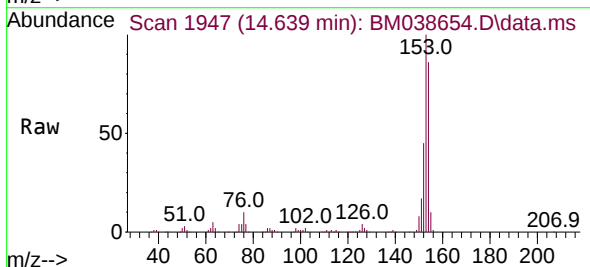
Tgt Ion:165 Resp: 106347  
Ion Ratio Lower Upper  
165 100  
63 46.2 35.8 53.8  
89 52.2 39.3 58.9

Manual Integrations  
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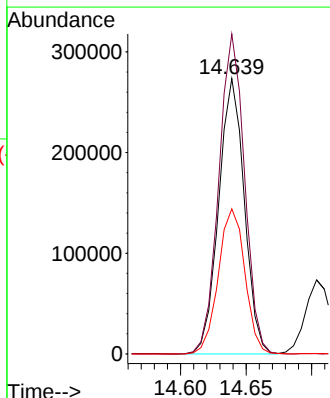
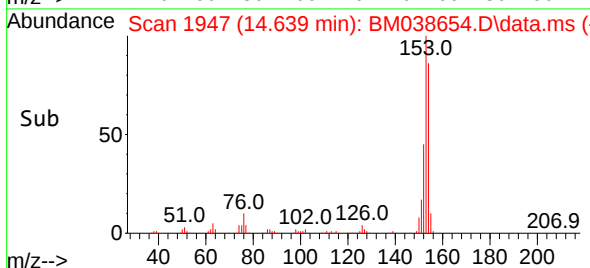
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

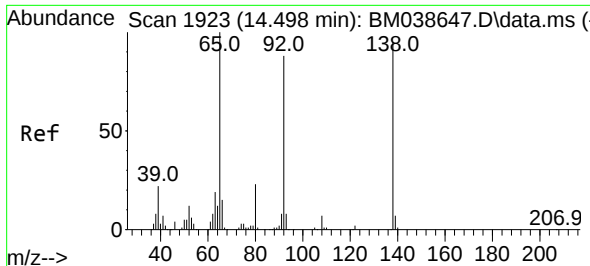


#52  
Acenaphthene  
Concen: 38.816 ng  
RT: 14.639 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



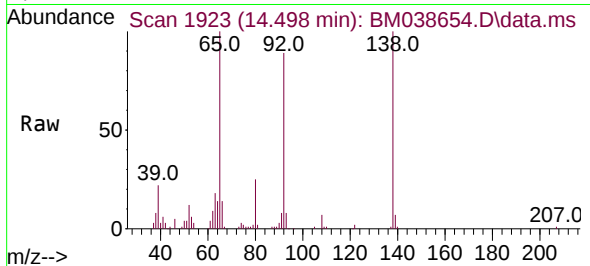
Tgt Ion:154 Resp: 372459  
Ion Ratio Lower Upper  
154 100  
153 116.3 93.7 140.5  
152 52.7 44.6 67.0





#53  
3-Nitroaniline  
Concen: 25.900 ng  
RT: 14.498 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

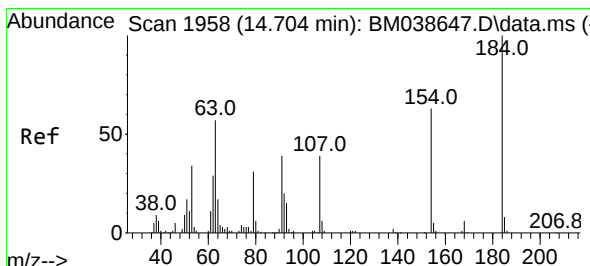
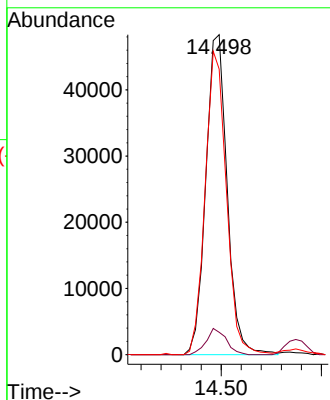
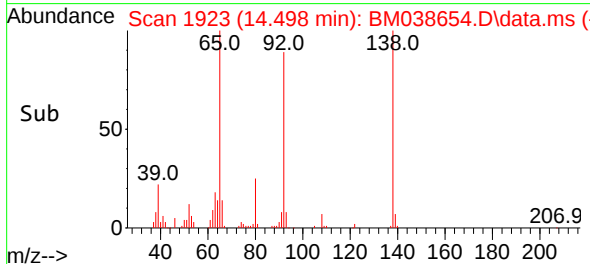
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



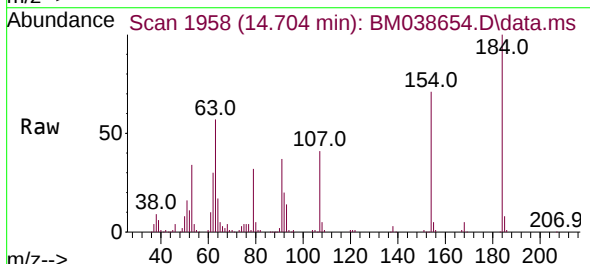
Tgt Ion:138 Resp: 71384  
Ion Ratio Lower Upper  
138 100  
108 7.0 5.8 8.8  
92 89.2 73.9 110.9

Manual Integrations  
APPROVED

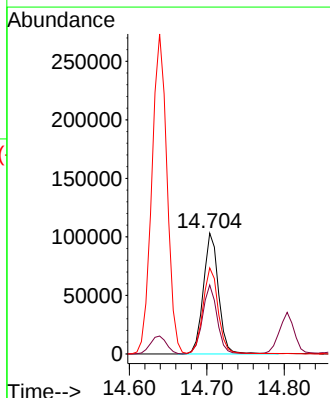
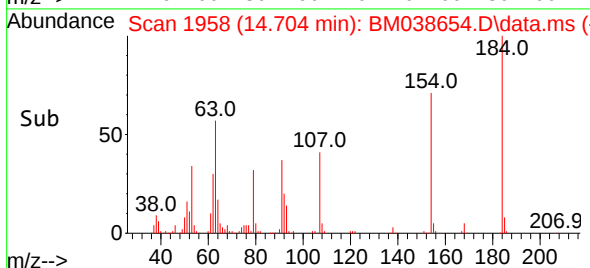
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

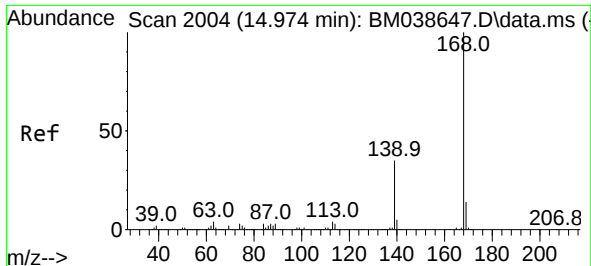


#54  
2,4-Dinitrophenol  
Concen: 79.318 ng  
RT: 14.704 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



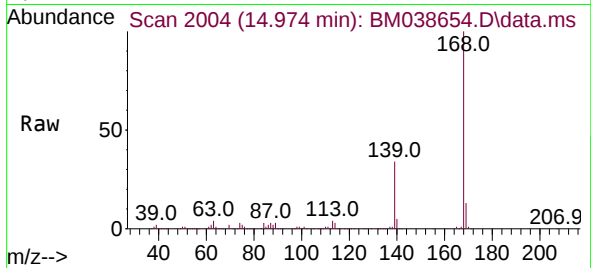
Tgt Ion:184 Resp: 140163  
Ion Ratio Lower Upper  
184 100  
63 57.0 45.9 68.9  
154 71.2 54.9 82.3





#55  
Dibenzofuran  
Concen: 38.061 ng  
RT: 14.974 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

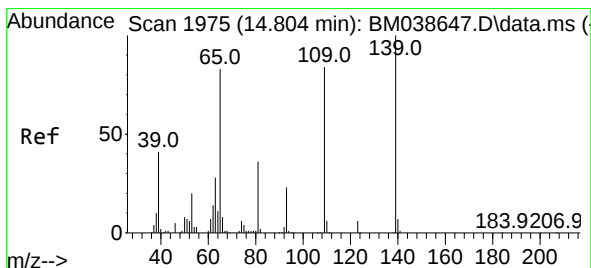
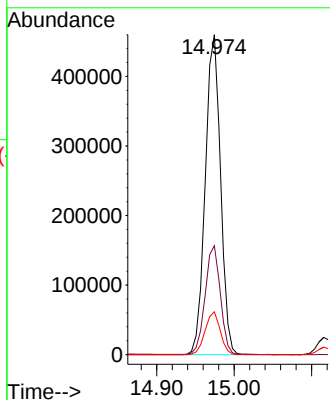
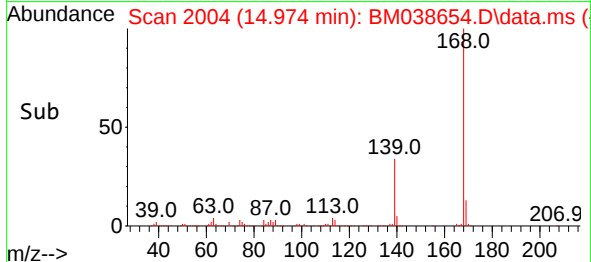
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



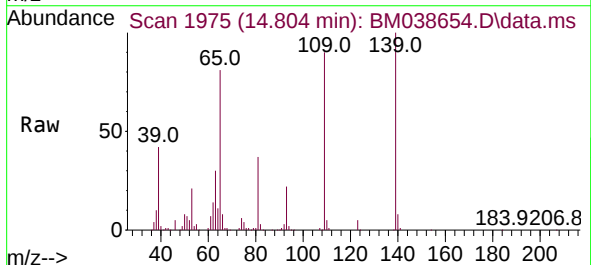
Tgt Ion:168 Resp: 628904  
Ion Ratio Lower Upper  
168 100  
139 34.0 27.8 41.6  
169 13.4 10.9 16.3

Manual Integrations  
APPROVED

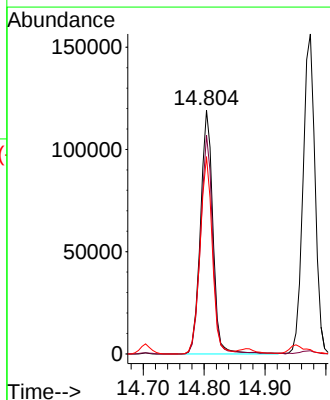
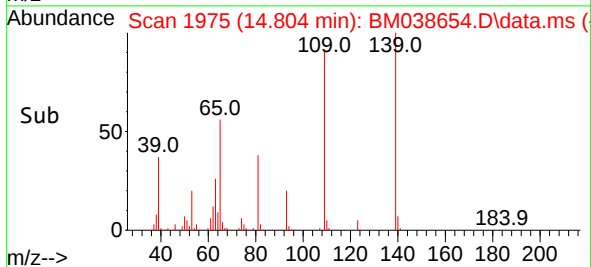
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

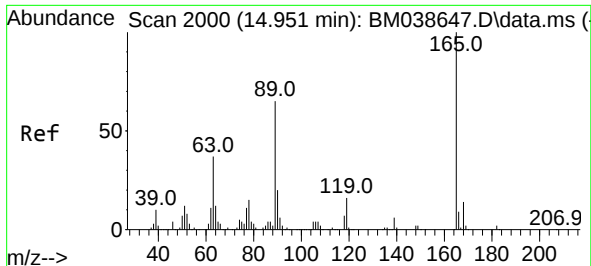


#56  
4-Nitrophenol  
Concen: 77.380 ng  
RT: 14.804 min Scan# 1975  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



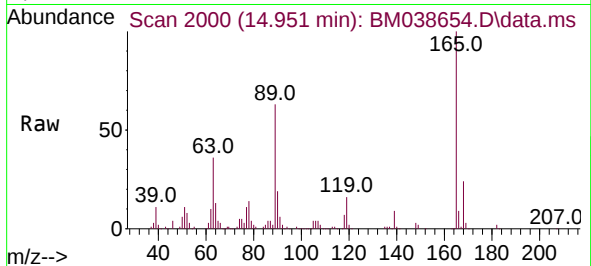
Tgt Ion:139 Resp: 168484  
Ion Ratio Lower Upper  
139 100  
109 89.8 63.8 103.8  
65 81.0 62.5 102.5





#57  
2,4-Dinitrotoluene  
Concen: 36.241 ng  
RT: 14.951 min Scan# 2000  
Delta R.T. -0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

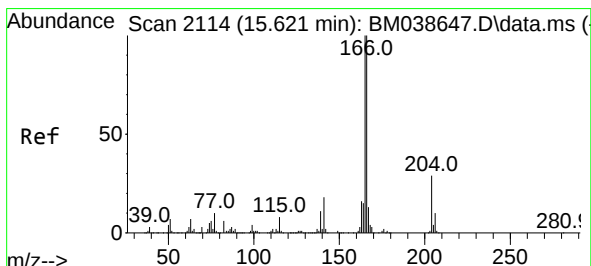
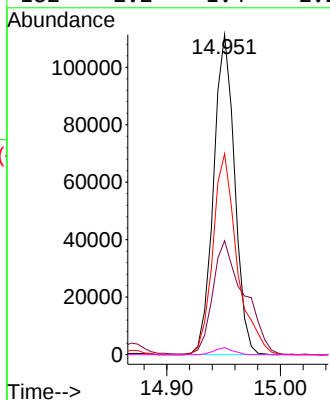
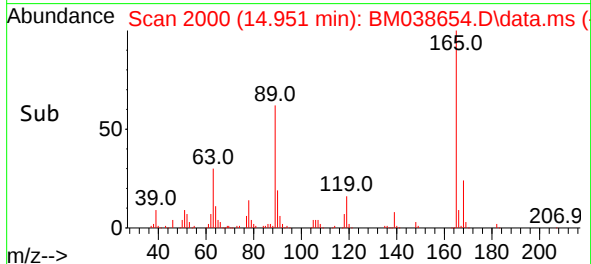
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



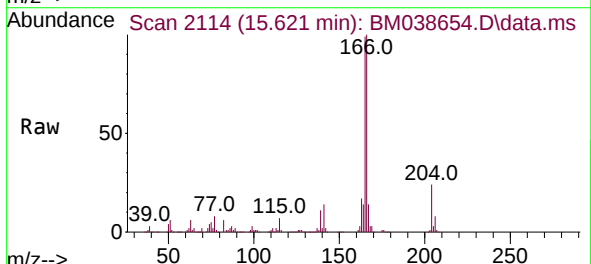
Tgt Ion:165 Resp: 143523  
Ion Ratio Lower Upper  
165 100  
63 35.6 29.4 44.0  
89 62.8 51.8 77.6  
182 2.2 1.4 2.2#

Manual Integrations  
APPROVED

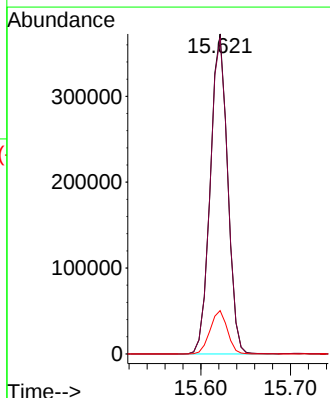
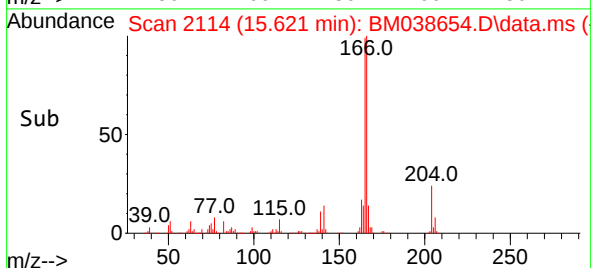
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

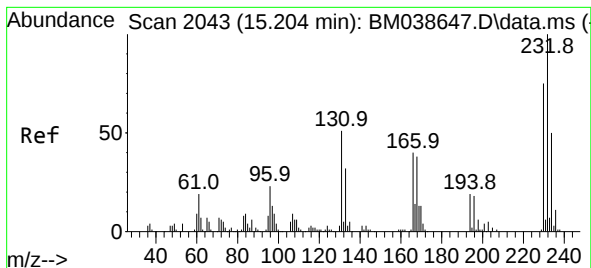


#58  
Fluorene  
Concen: 38.091 ng  
RT: 15.621 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



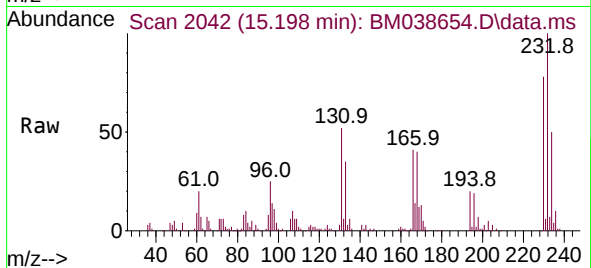
Tgt Ion:166 Resp: 498011  
Ion Ratio Lower Upper  
166 100  
165 98.8 80.2 120.4  
167 13.5 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.018 ng  
RT: 15.198 min Scan# 2043  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

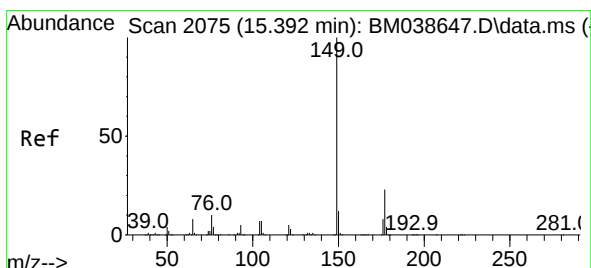
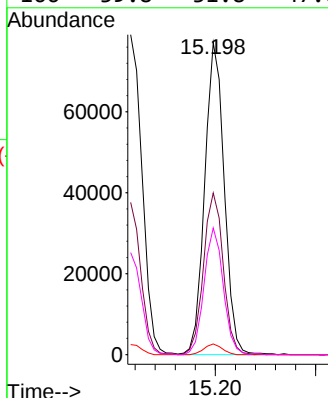
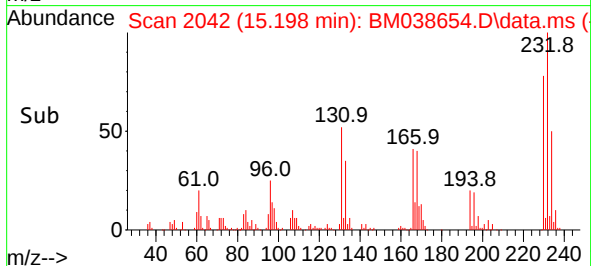
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



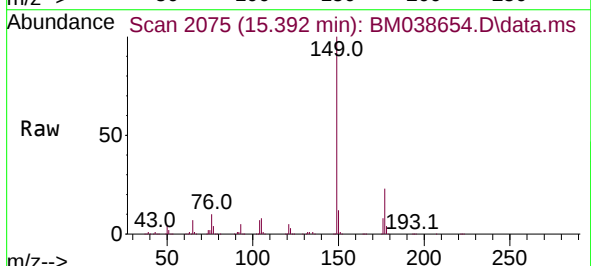
Tgt Ion:232 Resp: 104206  
Ion Ratio Lower Upper  
232 100  
131 52.4 41.2 61.8  
130 3.1 2.4 3.6  
166 39.8 31.8 47.6

Manual Integrations  
APPROVED

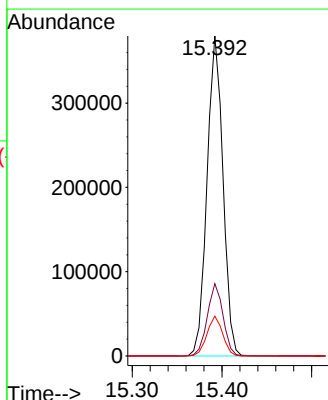
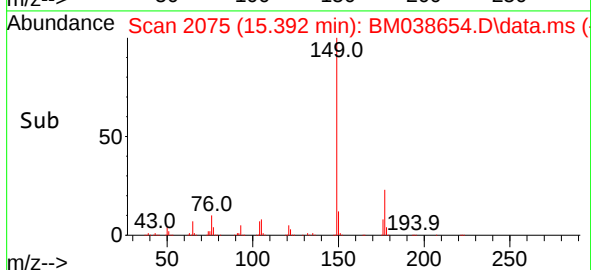
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

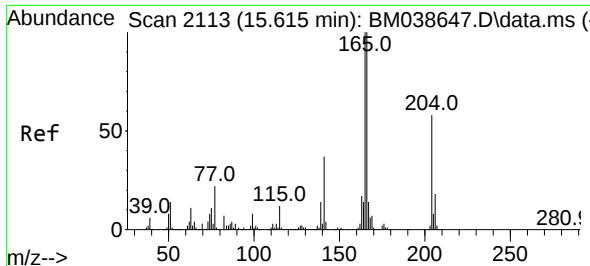


#60  
Diethylphthalate  
Concen: 36.961 ng  
RT: 15.392 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



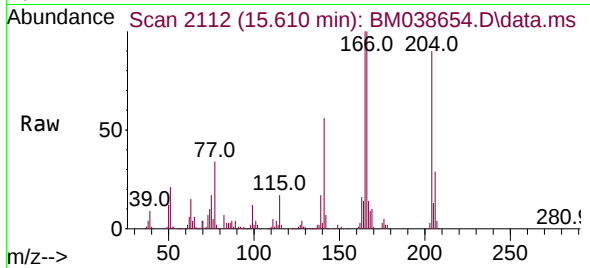
Tgt Ion:149 Resp: 467707  
Ion Ratio Lower Upper  
149 100  
177 22.6 18.1 27.1  
150 12.4 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 38.367 ng  
RT: 15.610 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

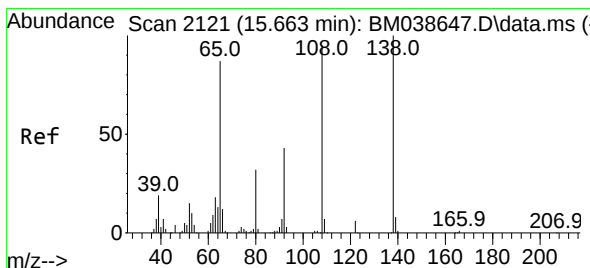
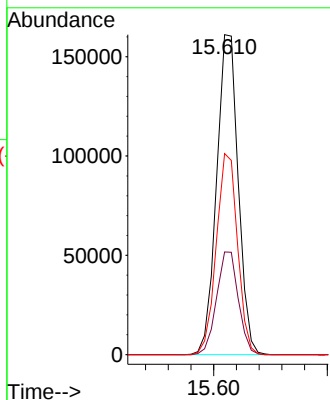
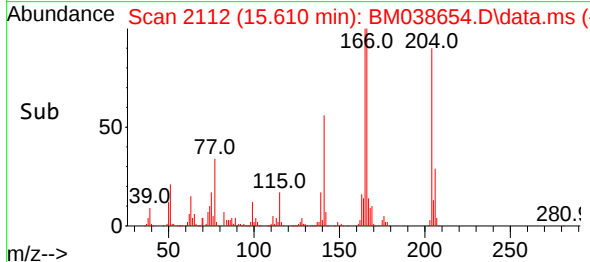
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



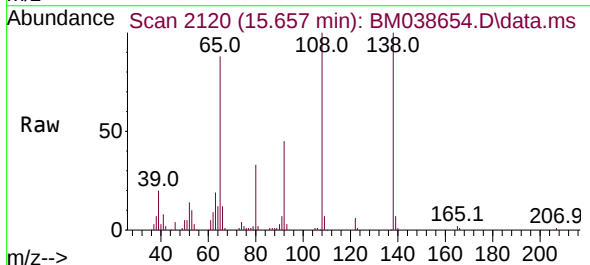
Tgt Ion:204 Resp: 212804  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.3 37.9  
141 62.8 51.3 76.9

Manual Integrations  
APPROVED

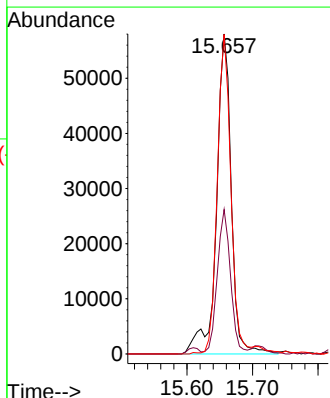
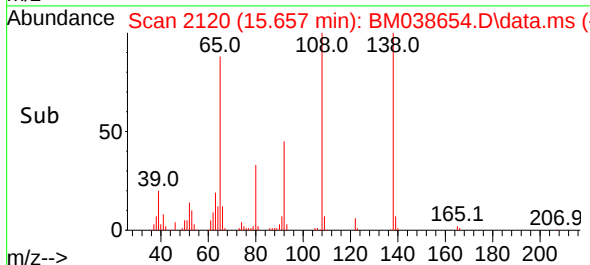
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

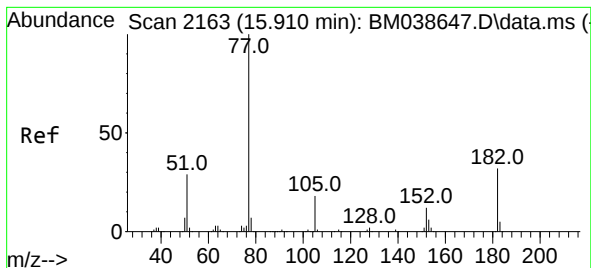


#62  
4-Nitroaniline  
Concen: 31.883 ng  
RT: 15.657 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



Tgt Ion:138 Resp: 91107  
Ion Ratio Lower Upper  
138 100  
92 45.1 23.4 63.4  
108 99.8 75.1 115.1





#63

Azobenzene

Concen: 36.388 ng

RT: 15.904 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

Tgt Ion: 77 Resp: 354266

Ion Ratio Lower Upper

77 100

182 32.4 12.0 52.0

105 18.2 0.0 37.5

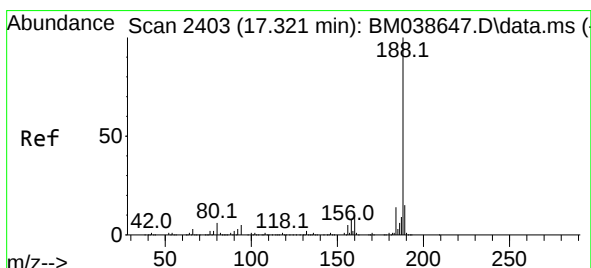
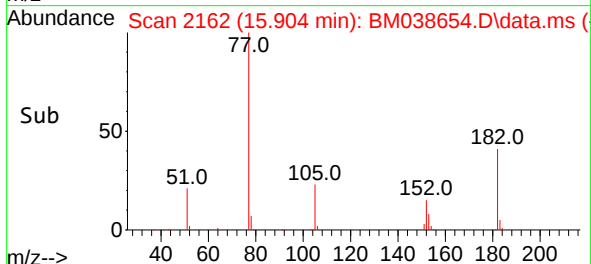
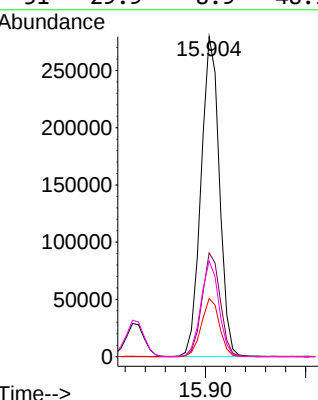
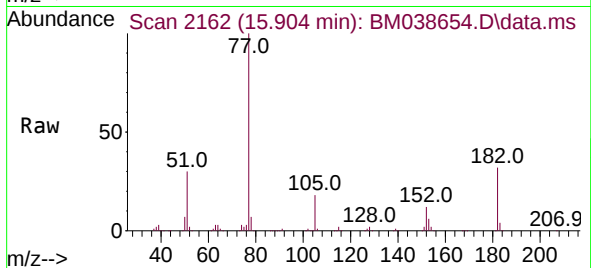
51 29.9 8.9 48.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

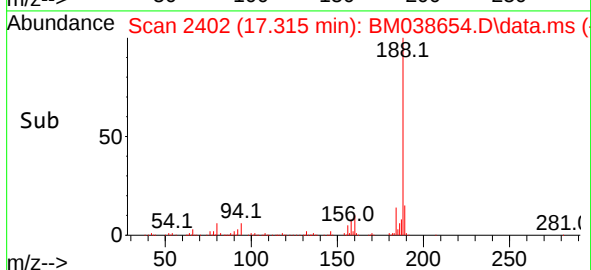
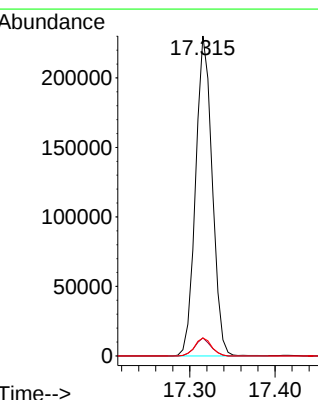
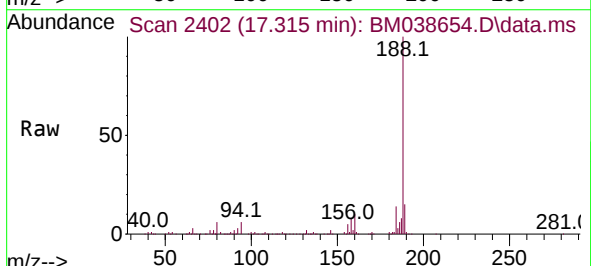
Tgt Ion:188 Resp: 311163

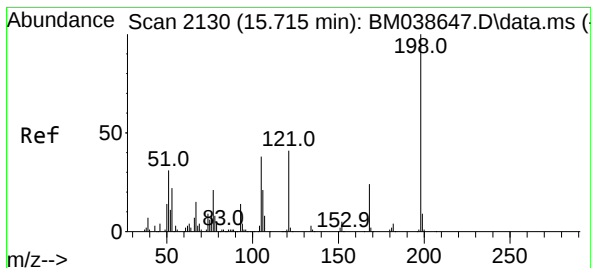
Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

80 5.6 4.6 7.0





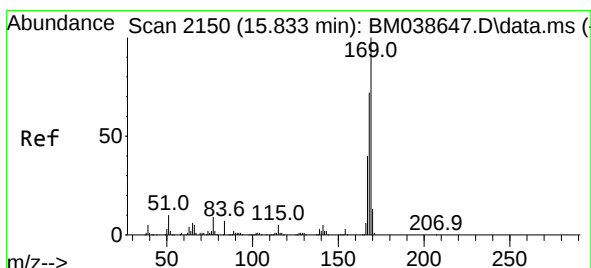
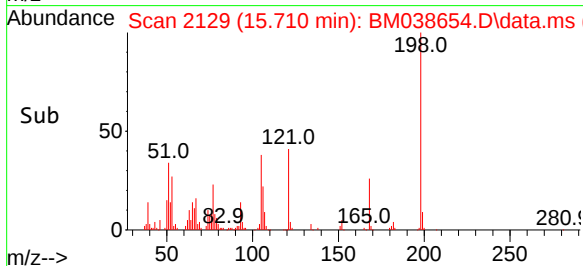
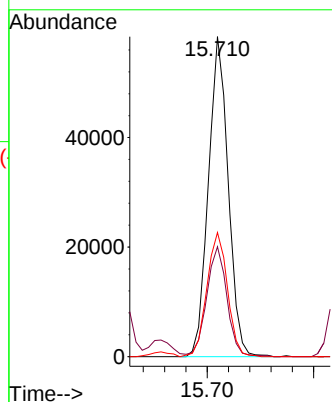
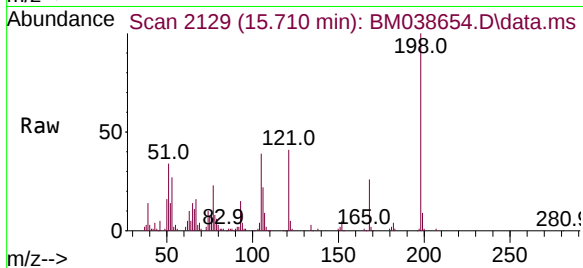
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.486 ng  
RT: 15.710 min Scan# 2130  
Delta R.T. -0.005 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD

Tgt Ion:198 Resp: 75386  
Ion Ratio Lower Upper  
198 100  
51 34.3 13.0 53.0  
105 38.8 17.9 57.9

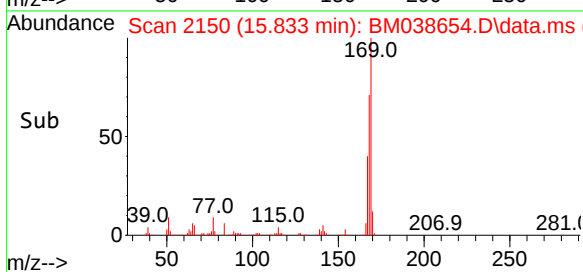
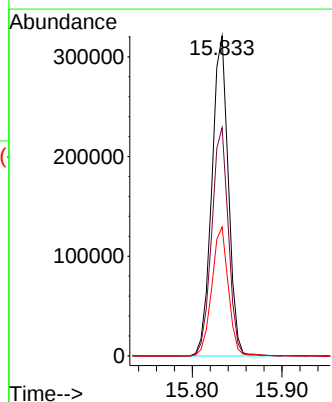
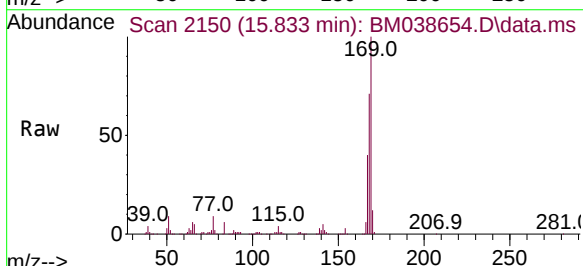
Manual Integrations  
APPROVED

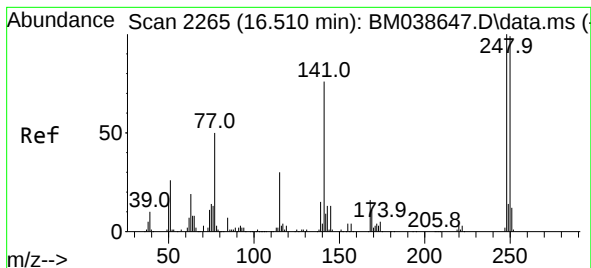
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#66  
n-Nitrosodiphenylamine  
Concen: 40.255 ng  
RT: 15.833 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

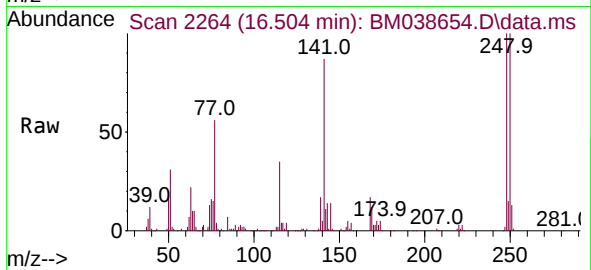
Tgt Ion:169 Resp: 408995  
Ion Ratio Lower Upper  
169 100  
168 71.3 57.6 86.4  
167 40.3 32.3 48.5





#67  
4-Bromophenyl-phenylether  
Concen: 41.120 ng  
RT: 16.504 min Scan# 2264  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

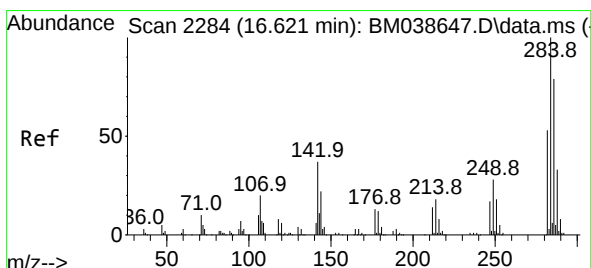
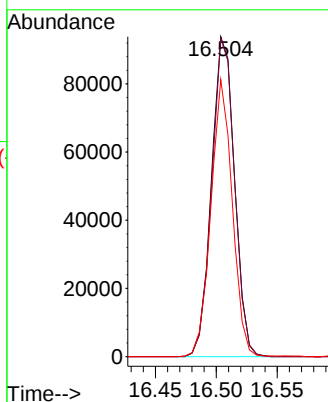
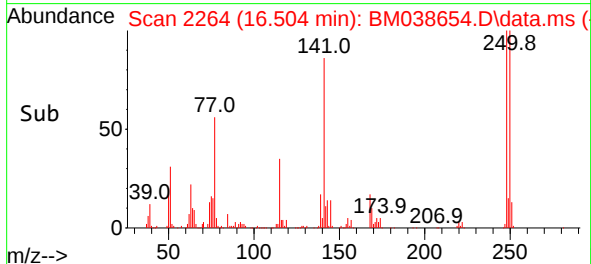
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



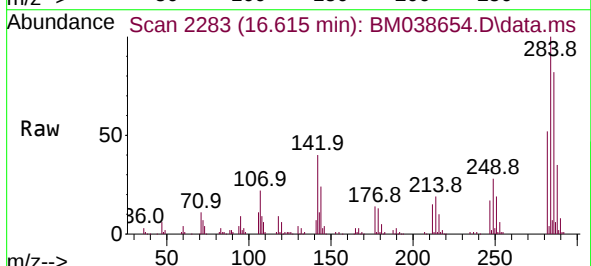
Tgt Ion:248 Resp: 123543  
Ion Ratio Lower Upper  
248 100  
250 99.5 79.4 119.2  
141 86.6 61.0 91.6

Manual Integrations  
APPROVED

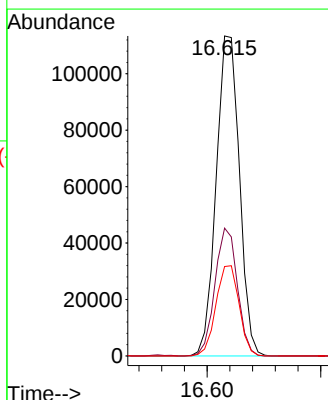
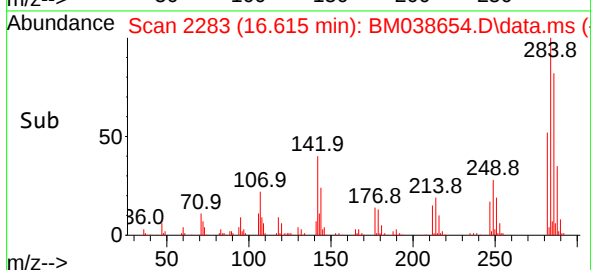
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

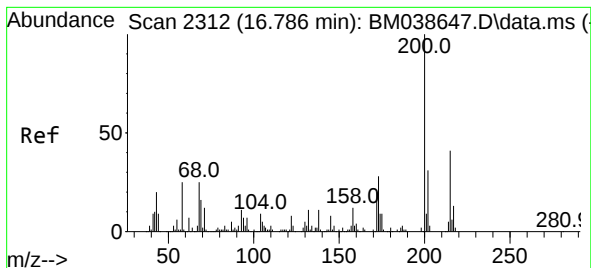


#68  
Hexachlorobenzene  
Concen: 43.807 ng  
RT: 16.615 min Scan# 2283  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



Tgt Ion:284 Resp: 160853  
Ion Ratio Lower Upper  
284 100  
142 39.9 29.8 44.6  
249 27.9 22.2 33.4





#69

Atrazine

Concen: 43.898 ng

RT: 16.780 min Scan# 2311

Delta R.T. -0.006 min

Lab File: BM038654.D

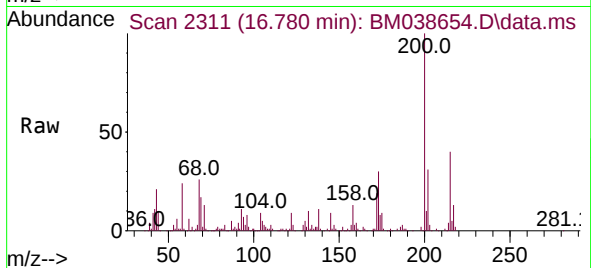
Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

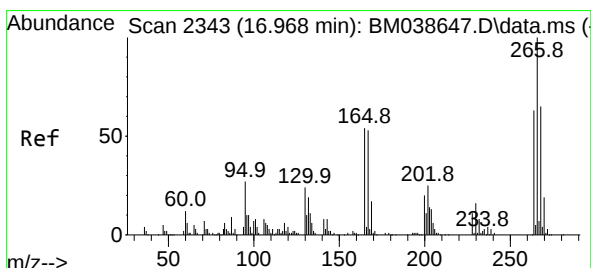
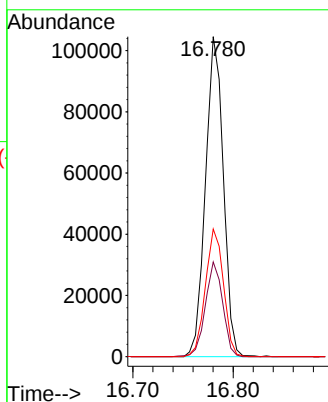
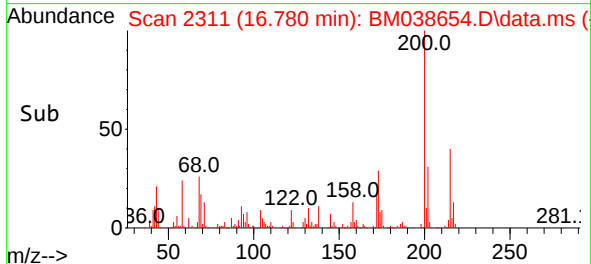


|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 129269 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 29.6  | 7.9   | 47.9   |
| 215       | 39.9  | 20.8  | 60.8   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#70

Pentachlorophenol

Concen: 74.224 ng

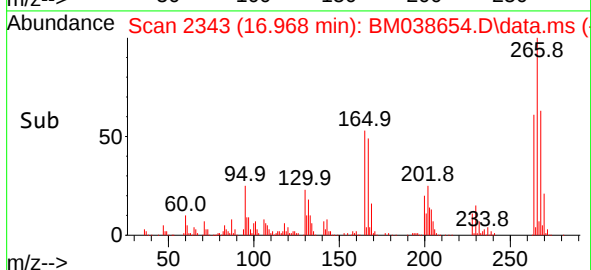
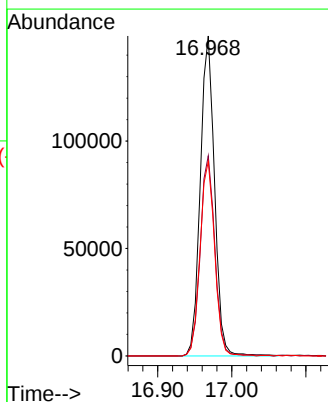
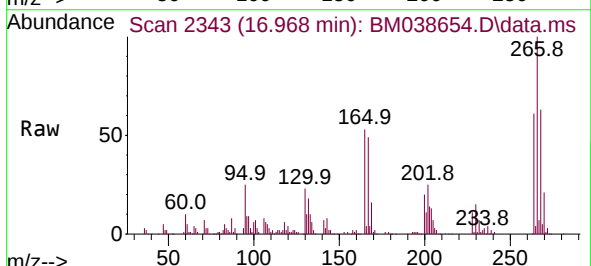
RT: 16.968 min Scan# 2343

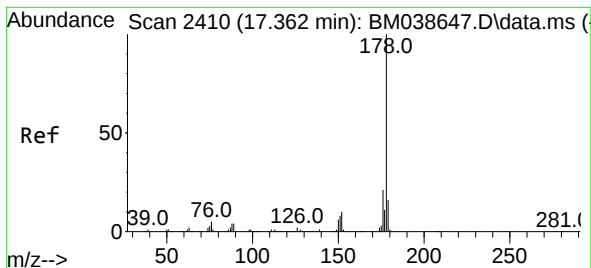
Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 198676 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 62.5  | 51.8  | 77.6   |
| 264       | 60.8  | 50.6  | 76.0   |





#71

Phenanthrene

Concen: 40.185 ng

RT: 17.357 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

Tgt Ion:178 Resp: 742462

Ion Ratio Lower Upper

178 100

176 19.9 16.7 25.1

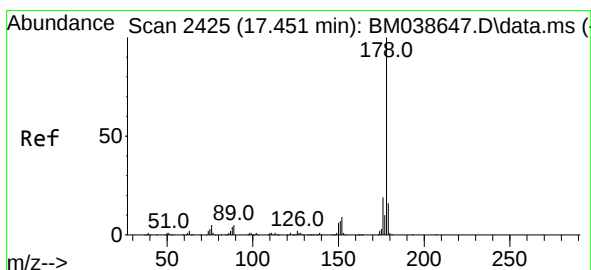
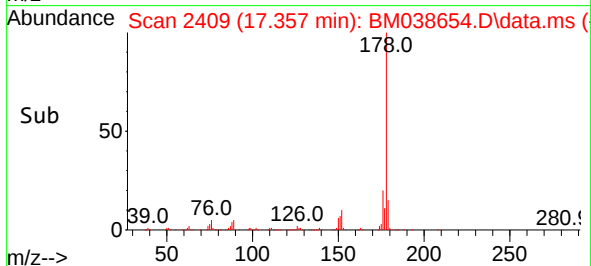
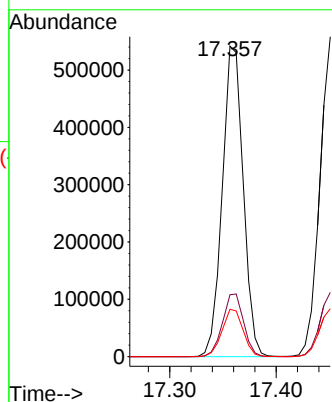
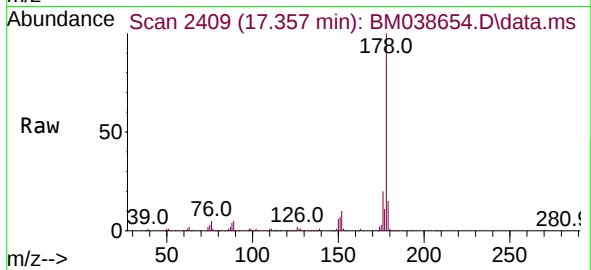
179 15.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#72

Anthracene

Concen: 39.254 ng

RT: 17.451 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

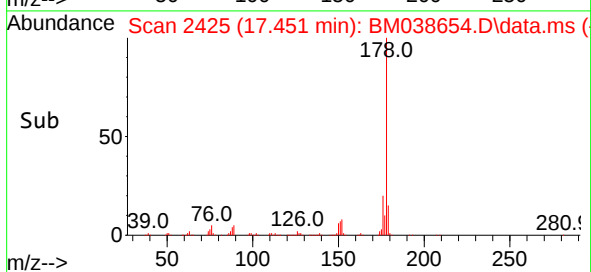
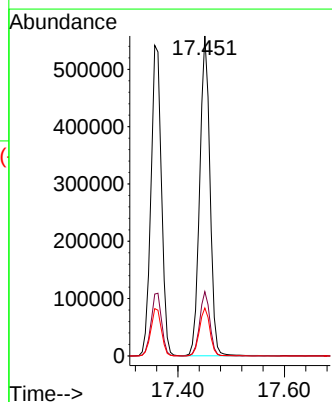
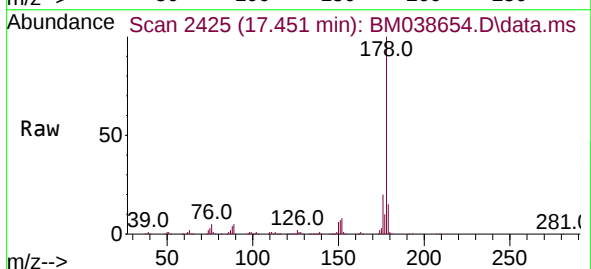
Tgt Ion:178 Resp: 741951

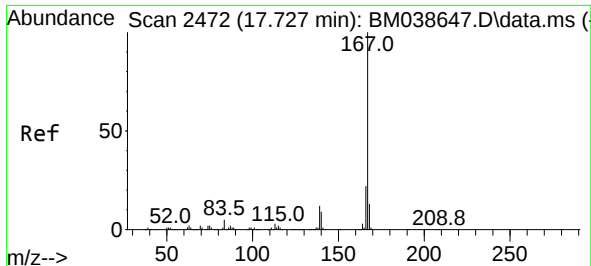
Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

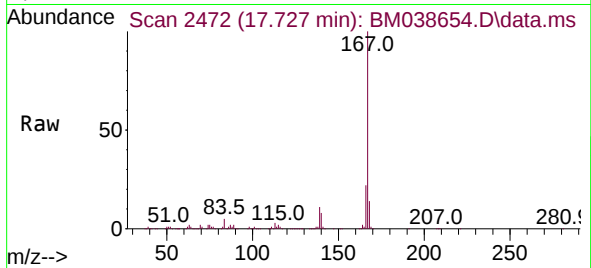
179 15.0 12.4 18.6





#73  
 Carbazole  
 Concen: 40.152 ng  
 RT: 17.727 min Scan# 2472  
 Delta R.T. 0.000 min  
 Lab File: BM038654.D  
 Acq: 01 Feb 2023 22:44

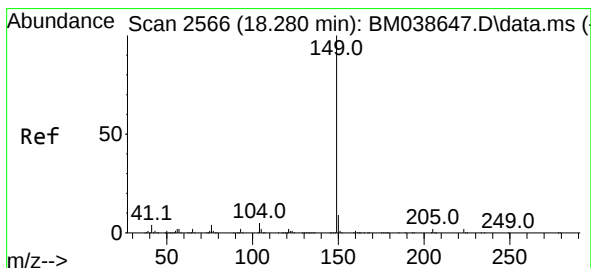
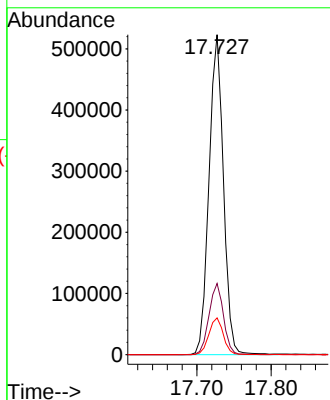
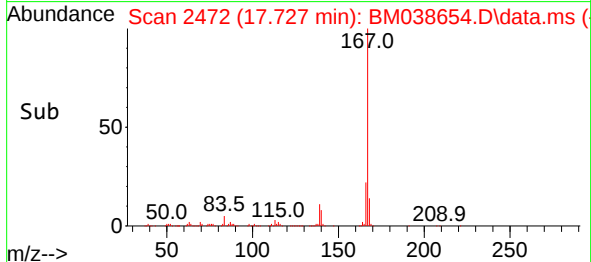
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150362BSD



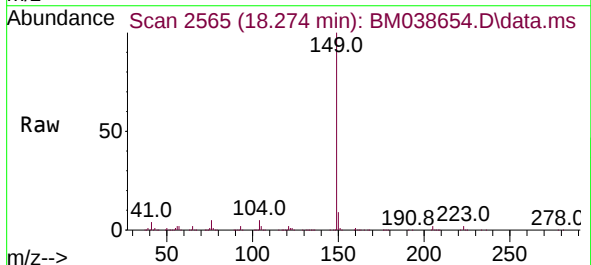
Tgt Ion:167 Resp: 707800  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.8 26.6  
 139 11.5 9.4 14.2

Manual Integrations  
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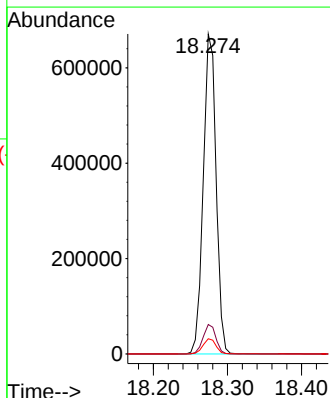
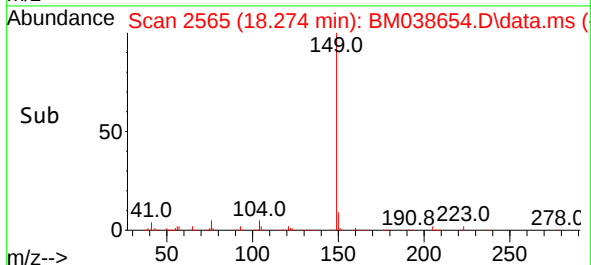
Reviewed By :Christian Giraldo 02/02/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023

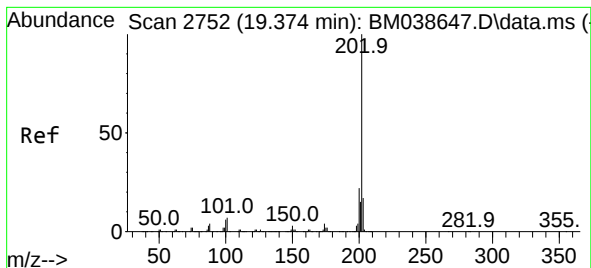


#74  
 Di-n-butylphthalate  
 Concen: 40.369 ng  
 RT: 18.274 min Scan# 2565  
 Delta R.T. -0.006 min  
 Lab File: BM038654.D  
 Acq: 01 Feb 2023 22:44



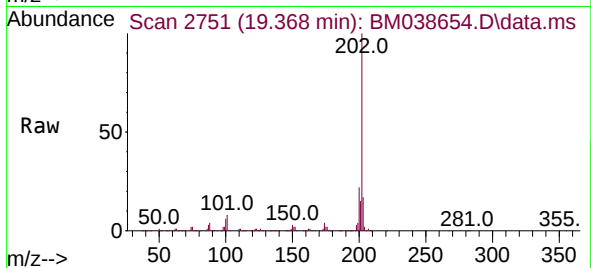
Tgt Ion:149 Resp: 803976  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 4.7 3.8 5.6





#75  
Fluoranthene  
Concen: 39.341 ng  
RT: 19.368 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

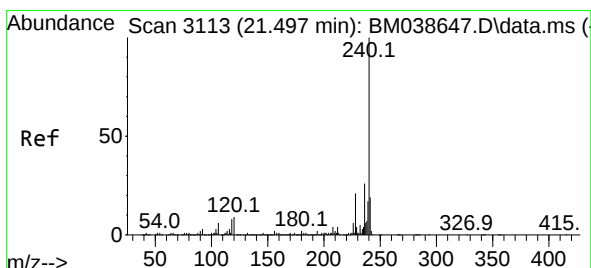
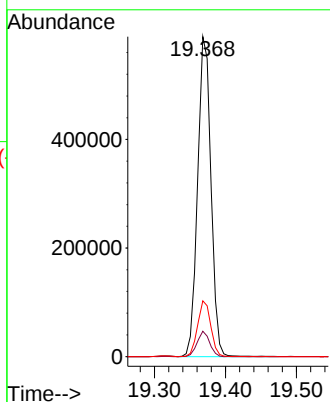
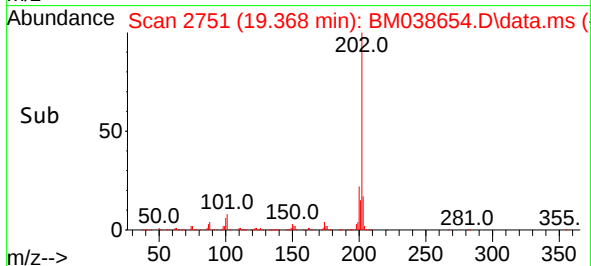
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



Tgt Ion:202 Resp: 763176  
Ion Ratio Lower Upper  
202 100  
101 7.9 0.0 27.4  
203 17.4 0.0 37.3

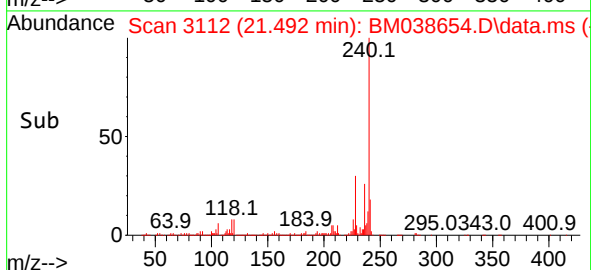
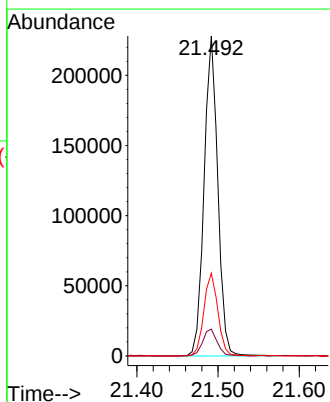
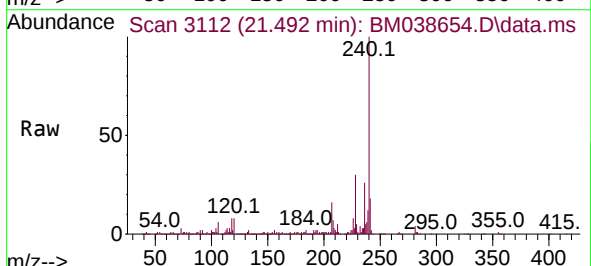
Manual Integrations  
APPROVED

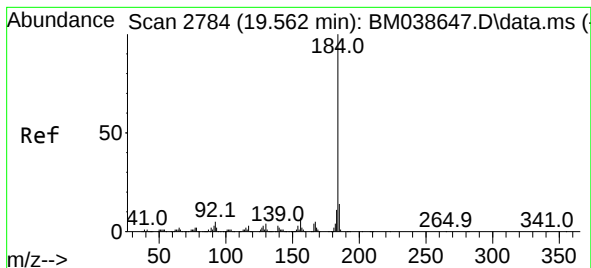
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.492 min Scan# 3112  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

Tgt Ion:240 Resp: 267055  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.0 10.4  
236 25.8 20.9 31.3





#77

Benzidine

Concen: 37.231 ng

RT: 19.562 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

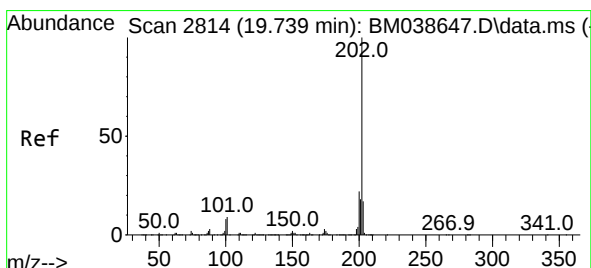
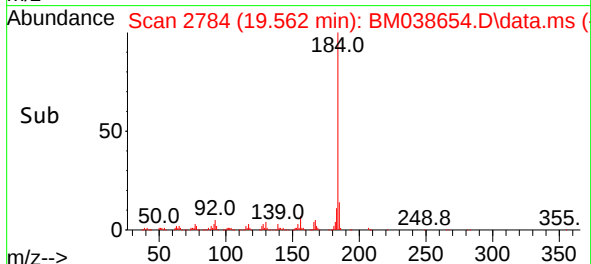
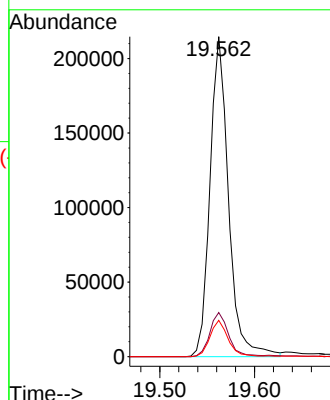
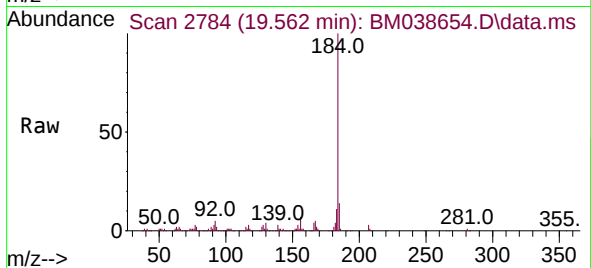
PB150362BSD

Tgt Ion:184 Resp: 292721  
 Ion Ratio Lower Upper  
 184 100  
 185 13.8 10.8 16.2  
 183 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023



#78

Pyrene

Concen: 39.257 ng

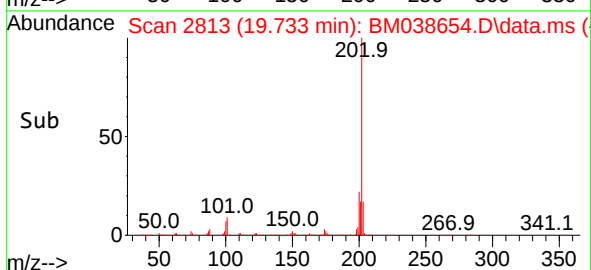
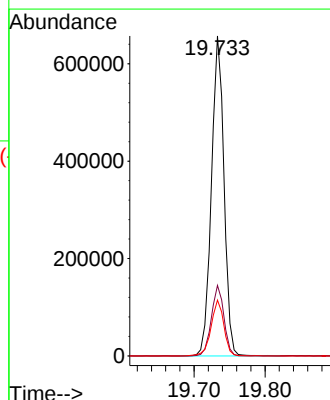
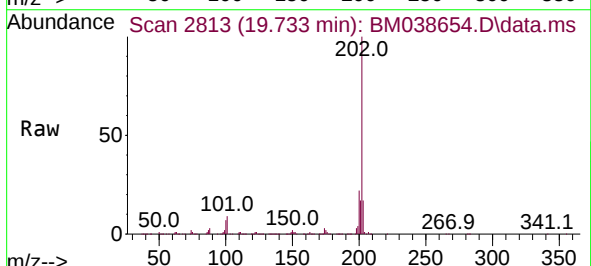
RT: 19.733 min Scan# 2813

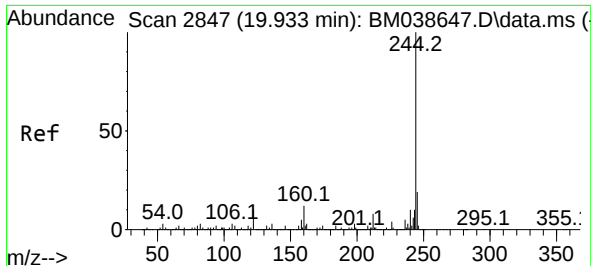
Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

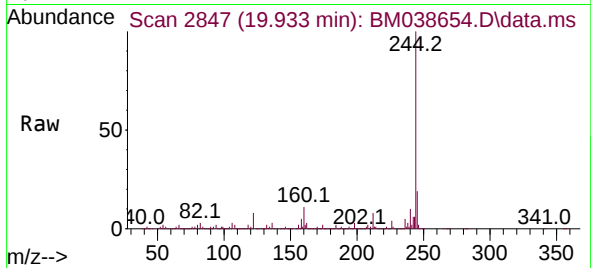
Tgt Ion:202 Resp: 807144  
 Ion Ratio Lower Upper  
 202 100  
 200 22.0 17.8 26.6  
 203 17.4 13.5 20.3





#79  
 Terphenyl-d14  
 Concen: 84.523 ng  
 RT: 19.933 min Scan# 2847  
 Delta R.T. 0.000 min  
 Lab File: BM038654.D  
 Acq: 01 Feb 2023 22:44

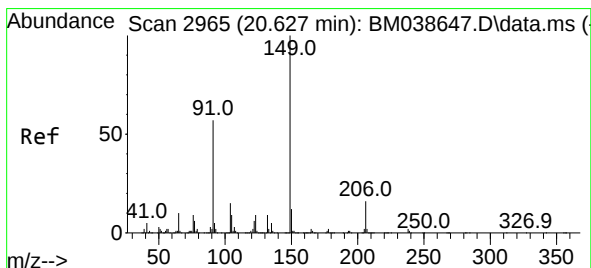
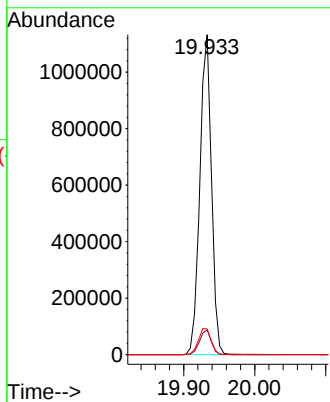
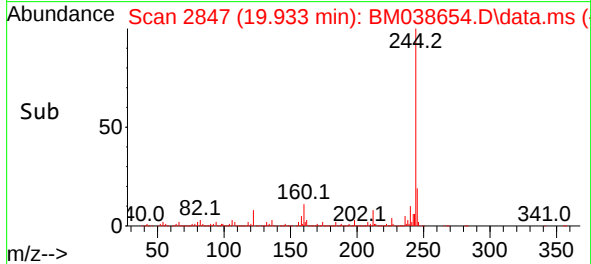
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150362BSD



Tgt Ion:244 Resp: 127912  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.6 9.8  
 122 8.0 7.8 11.8

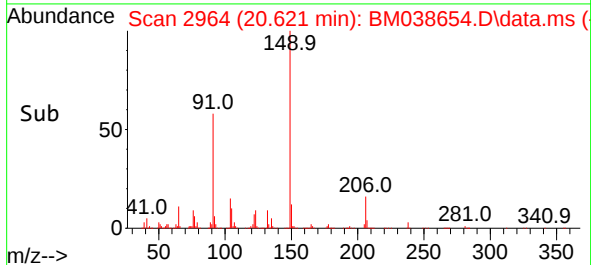
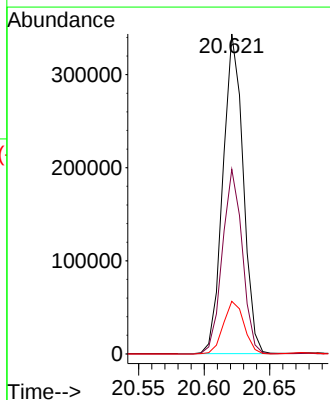
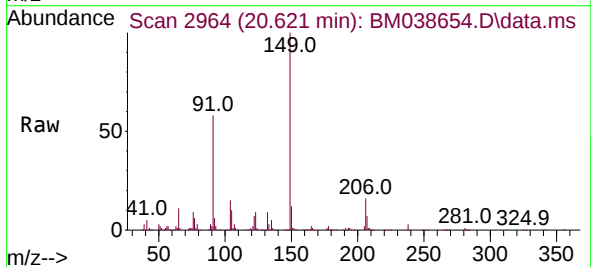
Manual Integrations  
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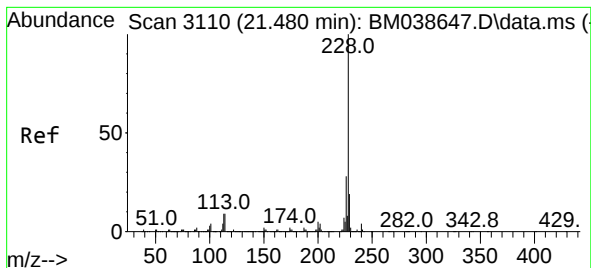
Reviewed By :Christian Giraldo 02/02/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023



#80  
 Butylbenzylphthalate  
 Concen: 36.666 ng  
 RT: 20.621 min Scan# 2964  
 Delta R.T. -0.006 min  
 Lab File: BM038654.D  
 Acq: 01 Feb 2023 22:44

Tgt Ion:149 Resp: 370409  
 Ion Ratio Lower Upper  
 149 100  
 91 57.7 45.6 68.4  
 206 16.4 12.5 18.7





#81

Benzo(a)anthracene

Concen: 38.831 ng

RT: 21.474 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

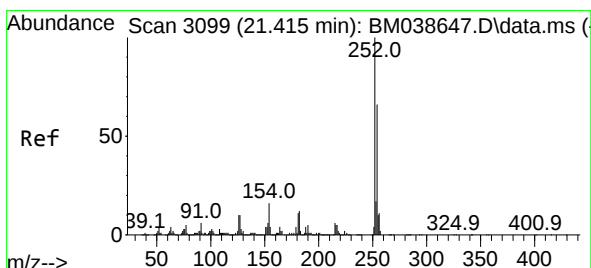
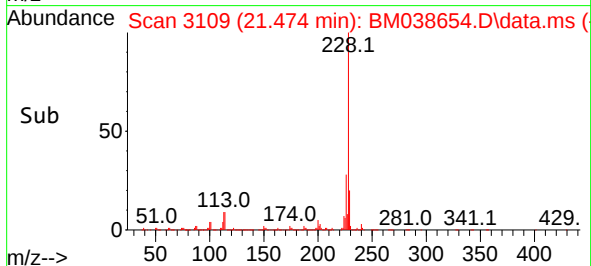
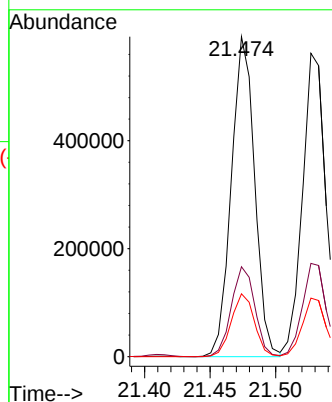
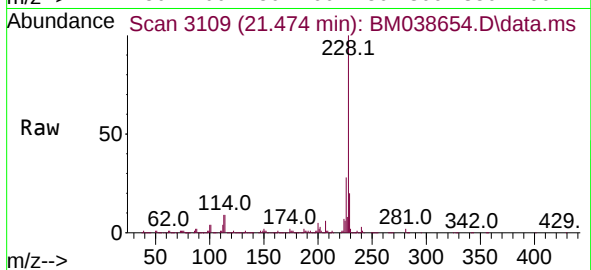
PB150362BSD

Tgt Ion:228 Resp: 733535  
 Ion Ratio Lower Upper  
 228 100  
 226 28.1 22.2 33.4  
 229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.969 ng

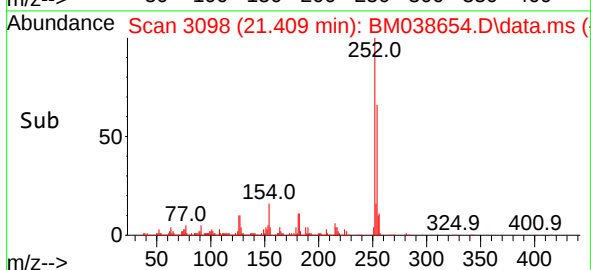
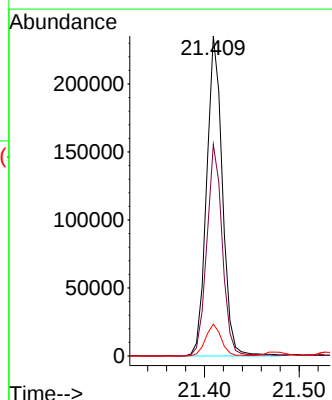
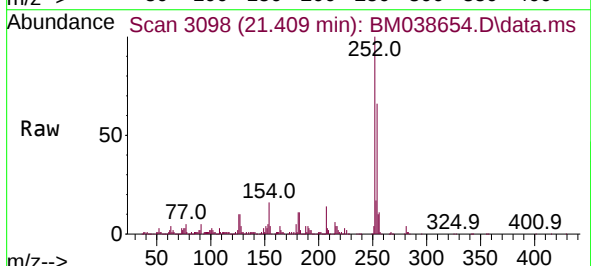
RT: 21.409 min Scan# 3098

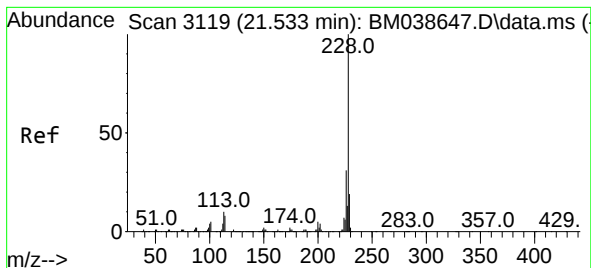
Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Tgt Ion:252 Resp: 272758  
 Ion Ratio Lower Upper  
 252 100  
 254 66.1 52.8 79.2  
 126 9.9 8.2 12.2





#83

Chrysene

Concen: 37.882 ng

RT: 21.527 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

Tgt Ion:228 Resp: 68949

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

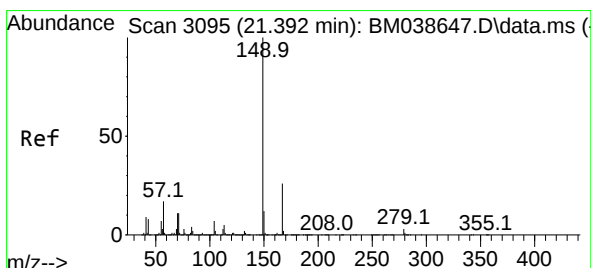
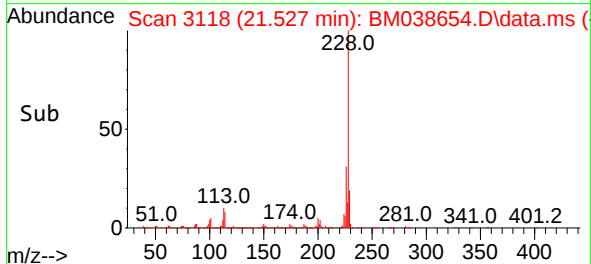
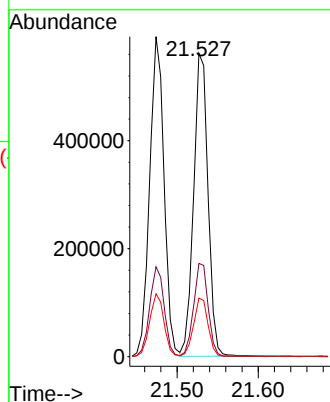
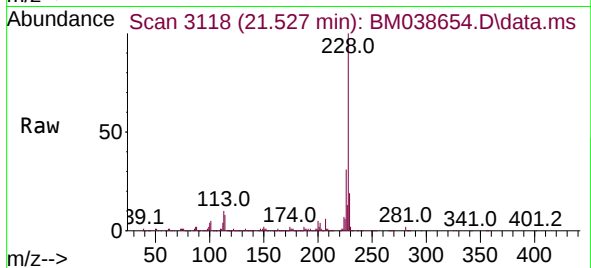
229 19.3 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.161 ng

RT: 21.392 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

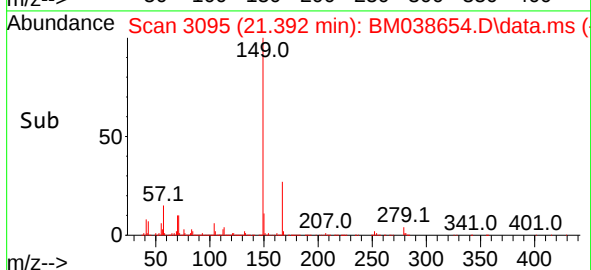
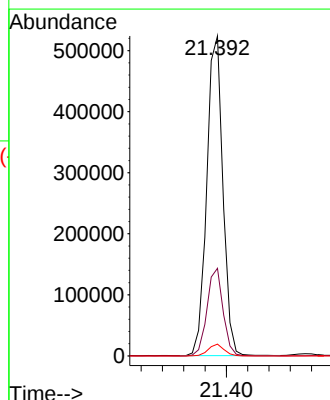
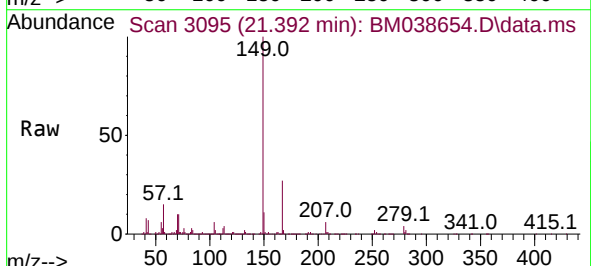
Tgt Ion:149 Resp: 548299

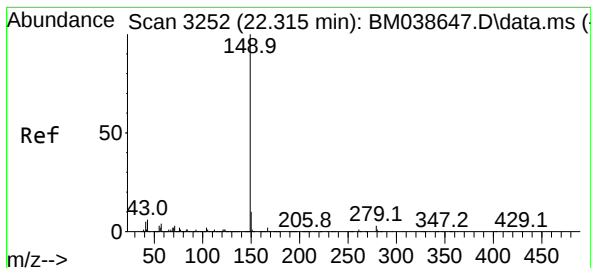
Ion Ratio Lower Upper

149 100

167 27.4 20.8 31.2

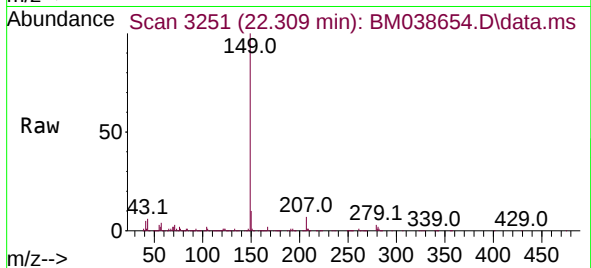
279 3.7 2.5 3.7





#85  
Di-n-octyl phthalate  
Concen: 40.539 ng  
RT: 22.309 min Scan# 3119  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

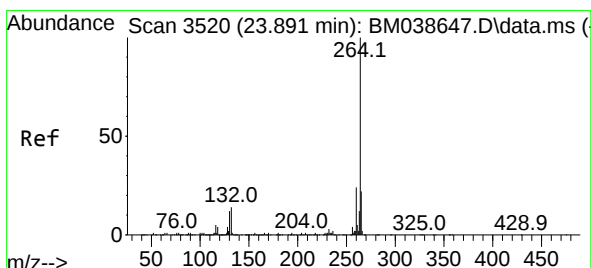
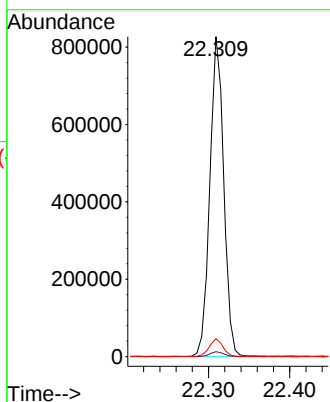
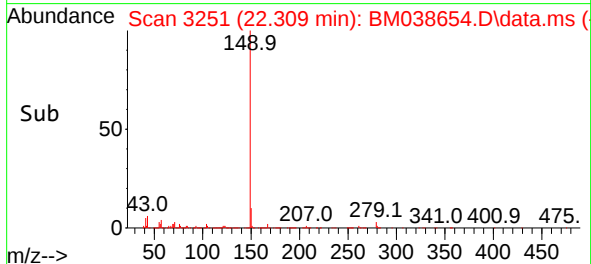
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



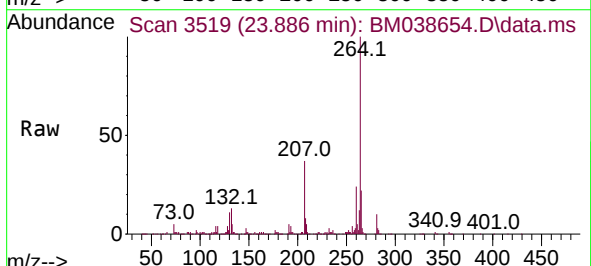
Tgt Ion:149 Resp: 981120  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 5.5 4.6 6.8

Manual Integrations  
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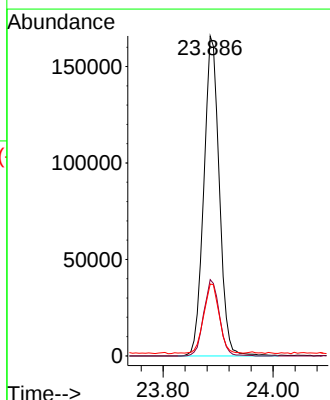
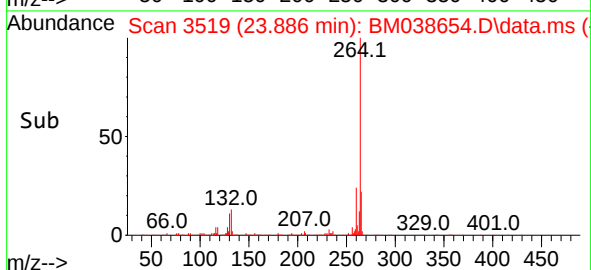
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

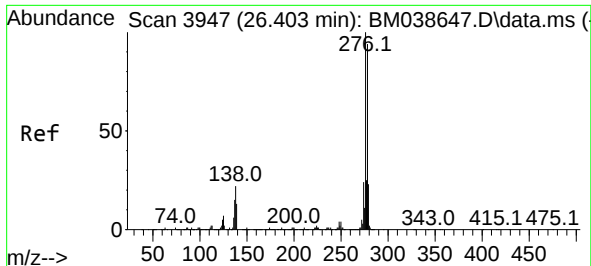


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.886 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



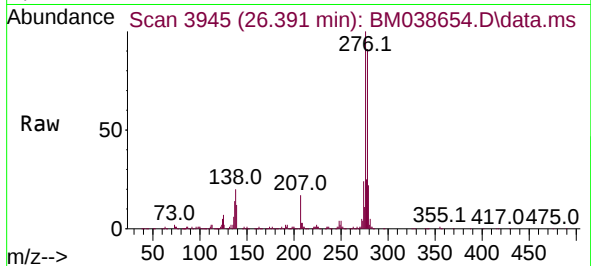
Tgt Ion:264 Resp: 323174  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.6 29.4  
265 22.5 17.9 26.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.874 ng  
RT: 26.391 min Scan# 3945  
Delta R.T. -0.012 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44

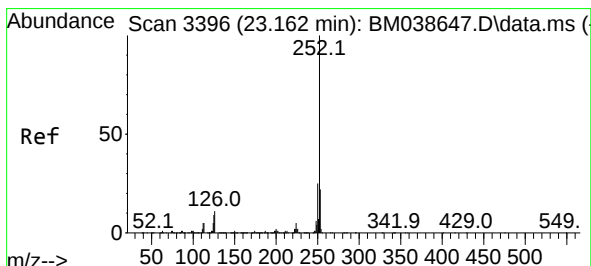
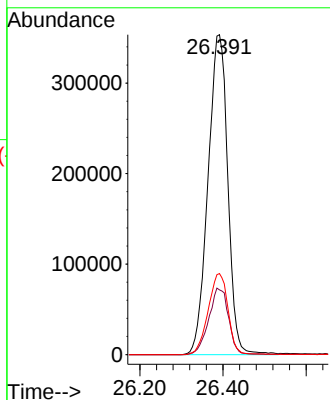
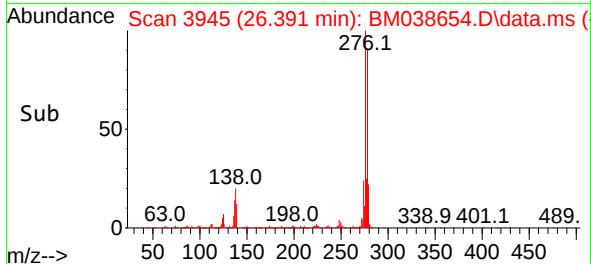
Instrument :  
BNA\_M  
ClientSampleId :  
PB150362BSD



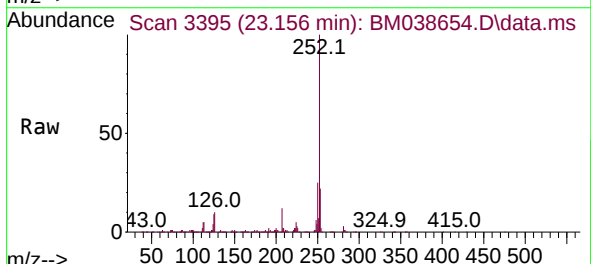
Tgt Ion:276 Resp: 1167740  
Ion Ratio Lower Upper  
276 100  
138 20.7 17.2 25.8  
277 25.3 20.2 30.4

Manual Integrations  
APPROVED

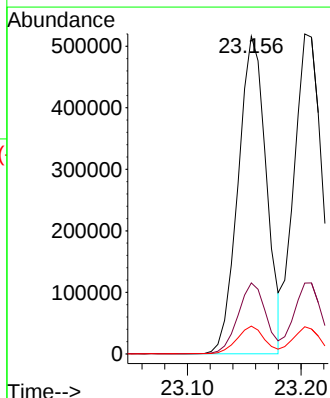
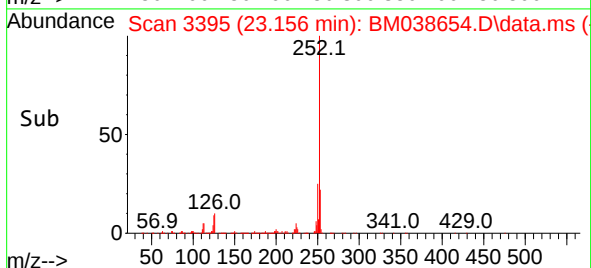
Reviewed By :Christian Giraldo 02/02/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

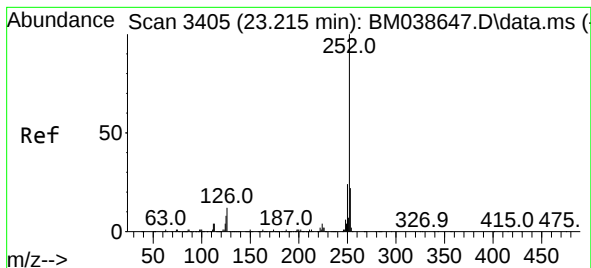


#88  
Benzo(b)fluoranthene  
Concen: 45.918 ng  
RT: 23.156 min Scan# 3395  
Delta R.T. -0.006 min  
Lab File: BM038654.D  
Acq: 01 Feb 2023 22:44



Tgt Ion:252 Resp: 888833  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 8.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.355 ng

RT: 23.203 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

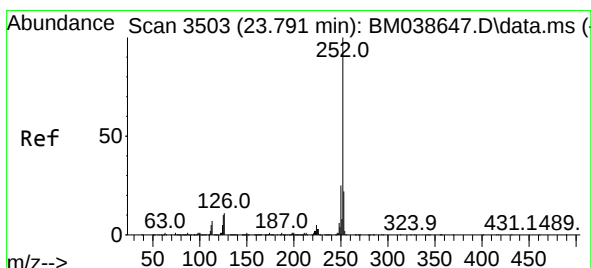
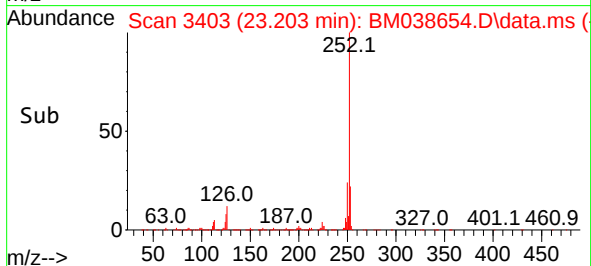
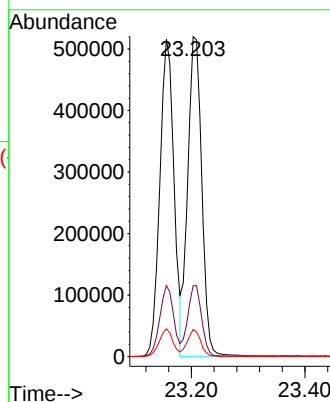
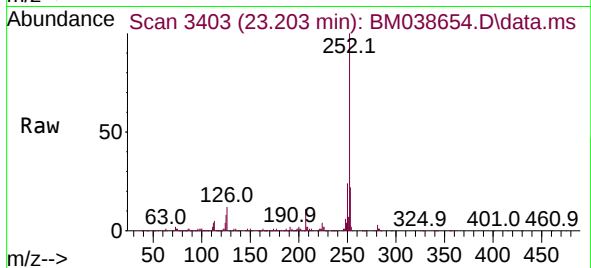
PB150362BSD

Tgt Ion:252 Resp: 891502  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.4 26.0  
 125 8.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023



#90

Benzo(a)pyrene

Concen: 42.227 ng

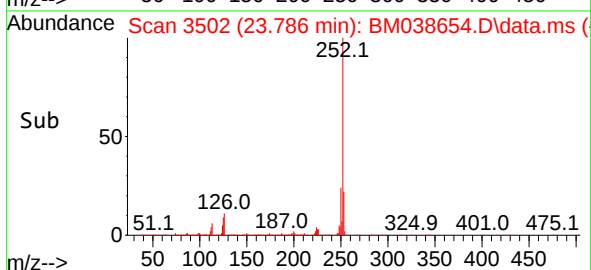
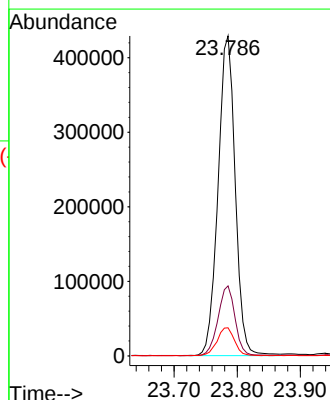
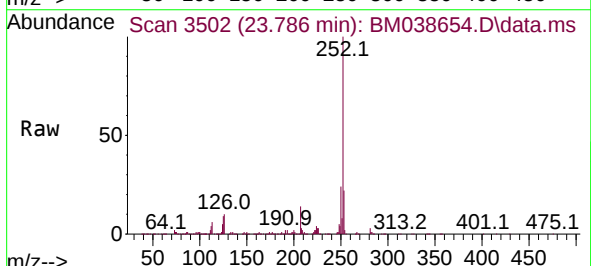
RT: 23.786 min Scan# 3502

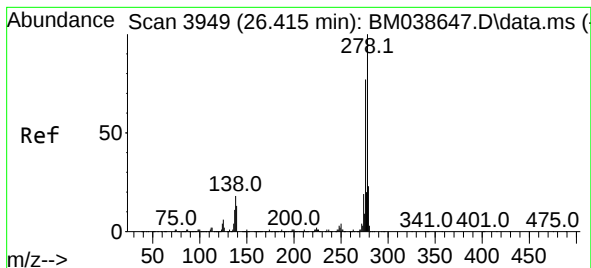
Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Tgt Ion:252 Resp: 808326  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.7 26.5  
 125 8.8 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 47.356 ng

RT: 26.403 min Scan# 3949

Delta R.T. -0.012 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA\_M

ClientSampleId :

PB150362BSD

Tgt Ion:278 Resp: 1014179

Ion Ratio Lower Upper

278 100

139 12.4 10.5 15.7

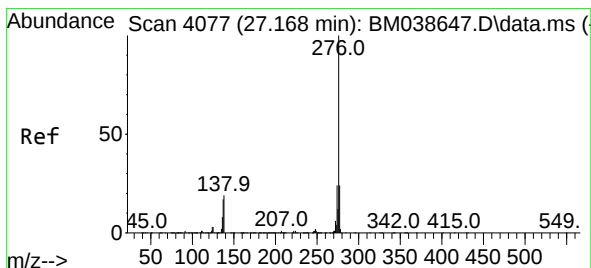
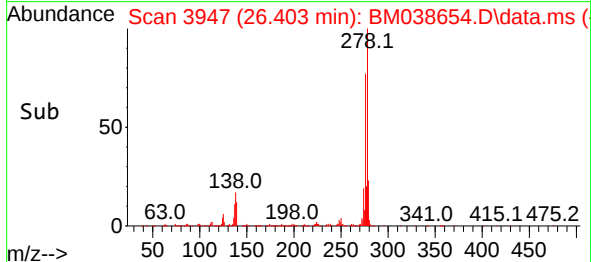
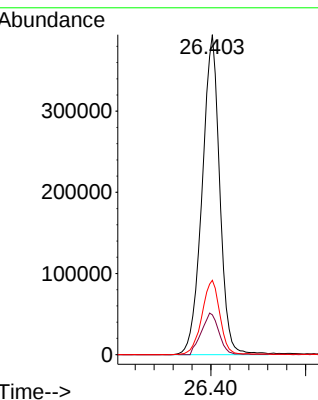
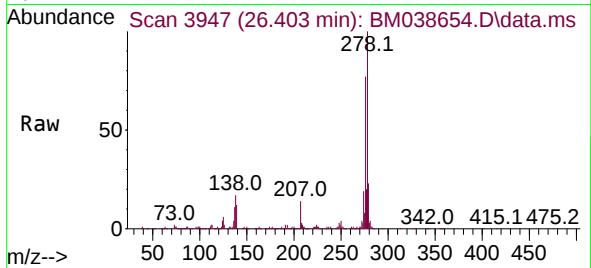
279 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#92

Benzo(g,h,i)perylene

Concen: 46.723 ng

RT: 27.162 min Scan# 4076

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Tgt Ion:276 Resp: 1011476

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.4 15.3 22.9

