

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052522\  
 Data File : BM035238.D  
 Acq On : 25 May 2022 11:54  
 Operator : CG/JU  
 Sample : PB144970BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144970BSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/26/2022  
 Supervised By : Jagrut Upadhyay 05/26/2022

Quant Time: May 26 05:20:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 26 05:05:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.893  | 152  | 174708   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.692 | 136  | 725464   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.533 | 164  | 450524   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.274 | 188  | 832250   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.456 | 240  | 593383   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.833 | 264  | 478294   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 1395968  | 140.966 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 1751218  | 136.985 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 9.057  | 82   | 1156796  | 86.109  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.021 | 330  | 742776   | 151.562 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.157 | 172  | 2897005  | 93.347  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.898 | 244  | 3607809  | 117.723 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.375  | 88   | 122512   | 30.575  | ng    | 95       |
| 3) Pyridine                   | 3.775  | 79   | 327324   | 29.320  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.681  | 42   | 240139   | 43.627  | ng    | 99       |
| 6) Aniline                    | 7.222  | 93   | 634848   | 43.232  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.457  | 128  | 564868   | 51.251  | ng    | 96       |
| 9) Benzaldehyde               | 7.028  | 77   | 71977    | 8.651   | ng    | 97       |
| 10) Phenol                    | 7.098  | 94   | 648023   | 49.565  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.316  | 93   | 471991   | 47.954  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.781  | 146  | 574402   | 46.008  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.928  | 146  | 595425   | 46.600  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.245  | 146  | 573214   | 47.121  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.140  | 79   | 488484   | 51.130  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.422  | 45   | 638098   | 40.003  | ng    | 97       |
| 17) 2-Methylphenol            | 8.345  | 107  | 451420   | 50.848  | ng    | 99       |
| 18) Hexachloroethane          | 8.975  | 117  | 215666   | 45.986  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.710  | 70   | 392484   | 46.896  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.675  | 107  | 610587   | 50.266  | ng    | 99       |
| 22) Acetophenone              | 8.722  | 105  | 789726   | 44.948  | ng    | # 96     |
| 24) Nitrobenzene              | 9.098  | 77   | 583814   | 43.202  | ng    | 99       |
| 25) Isophorone                | 9.628  | 82   | 1052332  | 46.852  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.804  | 139  | 311242   | 52.781  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.875  | 122  | 512387   | 56.349  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.110 | 93   | 640915   | 49.582  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.345 | 162  | 554333   | 51.706  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.557 | 180  | 591776   | 48.765  | ng    | 97       |
| 31) Naphthalene               | 10.745 | 128  | 1633194  | 43.640  | ng    | 100      |
| 32) Benzoic acid              | 10.057 | 122  | 385178   | 52.799  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.857 | 127  | 294396   | 19.556  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.033 | 225  | 386537   | 51.589  | ng    | 98       |
| 35) Caprolactam               | 11.663 | 113  | 148748m  | 48.038  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.992 | 107  | 548938   | 49.481  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.357 | 142  | 1173848  | 45.268  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.575 | 142  | 1127646  | 44.531  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.727 | 216  | 692683   | 53.996  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.710 | 237  | 960388   | 125.040 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.969 | 196  | 462389   | 53.245  | ng    | 98       |

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 Sample : PB144970BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144970BSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/26/2022  
 Supervised By : Jagrut Upadhyay 05/26/2022

Quant Time: May 26 05:20:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 26 05:05:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.045 | 196  | 491328   | 50.950  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.369 | 154  | 1573183  | 46.350  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.410 | 162  | 1217098  | 46.013  | ng    | 100      |
| 48) 2-Nitroaniline            | 13.610 | 65   | 343575   | 45.153  | ng    | 97       |
| 49) Acenaphthylene            | 14.251 | 152  | 1958719  | 48.098  | ng    | 99       |
| 50) Dimethylphthalate         | 13.998 | 163  | 1502588  | 44.735  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.110 | 165  | 335400   | 49.045  | ng    | 89       |
| 52) Acenaphthene              | 14.598 | 154  | 1111541  | 40.286  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.439 | 138  | 200127   | 27.276  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.651 | 184  | 409907   | 101.905 | ng    | 87       |
| 55) Dibenzofuran              | 14.927 | 168  | 1783495  | 45.278  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.757 | 139  | 499870   | 83.409  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 438290   | 47.814  | ng    | 97       |
| 58) Fluorene                  | 15.580 | 166  | 1458919  | 44.589  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 406654   | 49.602  | ng    | 90       |
| 60) Diethylphthalate          | 15.357 | 149  | 1502122  | 43.908  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.574 | 204  | 788616   | 50.364  | ng    | 94       |
| 62) 4-Nitroaniline            | 15.604 | 138  | 291213   | 38.330  | ng    | 97       |
| 63) Azobenzene                | 15.868 | 77   | 1264852  | 40.537  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 249233   | 50.096  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.786 | 169  | 1243607  | 49.305  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.468 | 248  | 467930   | 55.312  | ng    | 93       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 513071   | 53.718  | ng    | 93       |
| 69) Atrazine                  | 16.745 | 200  | 444936   | 52.544  | ng    | 98       |
| 70) Pentachlorophenol         | 16.933 | 266  | 629574   | 105.203 | ng    | 99       |
| 71) Phenanthrene              | 17.315 | 178  | 2104464  | 45.371  | ng    | 99       |
| 72) Anthracene                | 17.410 | 178  | 2125542  | 47.458  | ng    | 100      |
| 73) Carbazole                 | 17.680 | 167  | 1810153  | 44.253  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.245 | 149  | 2289956  | 44.000  | ng    | 100      |
| 75) Fluoranthene              | 19.333 | 202  | 2197250  | 43.141  | ng    | 98       |
| 77) Benzidine                 | 19.515 | 184  | 798409   | 44.044  | ng    | 100      |
| 78) Pyrene                    | 19.692 | 202  | 2202860  | 56.138  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.592 | 149  | 843135   | 48.951  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.439 | 228  | 1837436  | 46.406  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.374 | 252  | 458216   | 39.705  | ng    | 99       |
| 83) Chrysene                  | 21.492 | 228  | 1681125  | 44.451  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.374 | 149  | 1190362  | 44.944  | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 22.292 | 149  | 1786023  | 40.905  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.297 | 276  | 1516860  | 41.713  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.115 | 252  | 1528707m | 50.817  | ng    |          |
| 89) Benzo(k)fluoranthene      | 23.162 | 252  | 1519051  | 49.883  | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.733 | 252  | 1418906  | 56.774  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.315 | 278  | 1339486  | 43.913  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 27.056 | 276  | 1318194  | 44.975  | ng    | 96       |

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

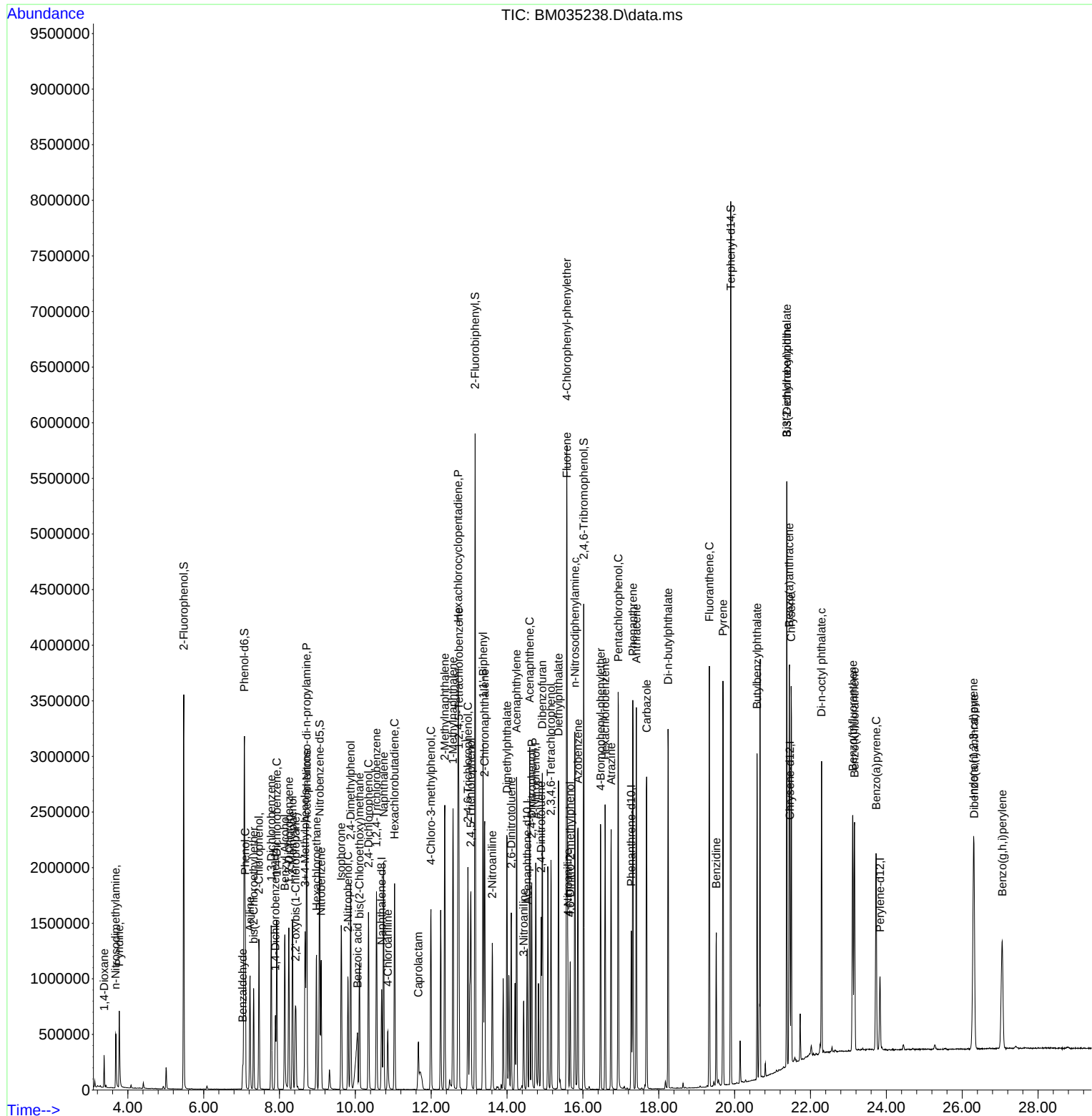
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052522\  
Data File : BM035238.D  
Acq On : 25 May 2022 11:54  
Operator : CG/JU  
Sample : PB144970BSD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

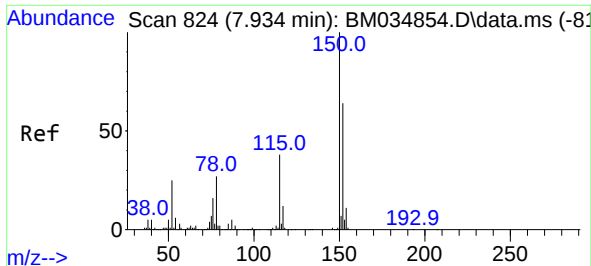
Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Time: May 26 05:20:37 2022  
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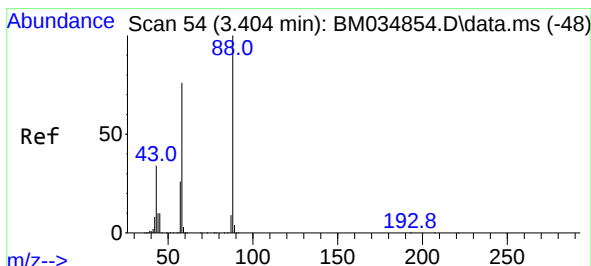
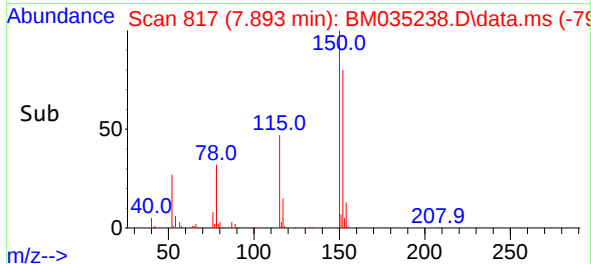
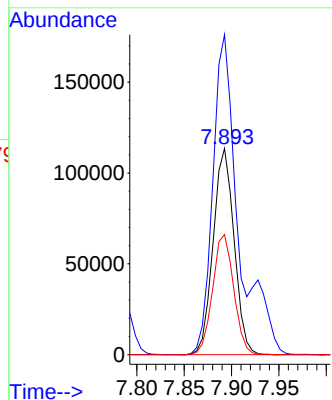
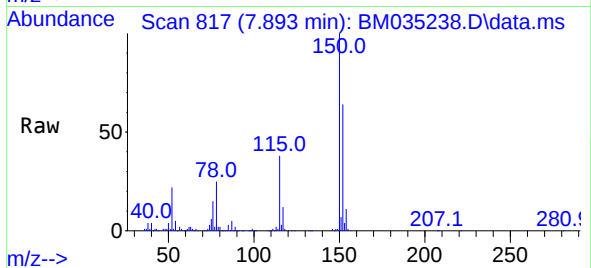
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.893 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

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BNA\_M  
ClientSampleId :  
PB144970BSD

Tgt Ion:152 Resp: 174708  
Ion Ratio Lower Upper  
152 100  
150 155.2 124.9 187.3  
115 58.2 47.9 71.9

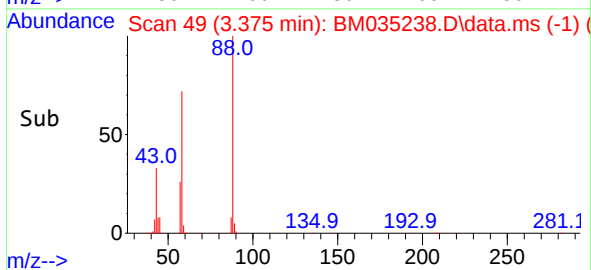
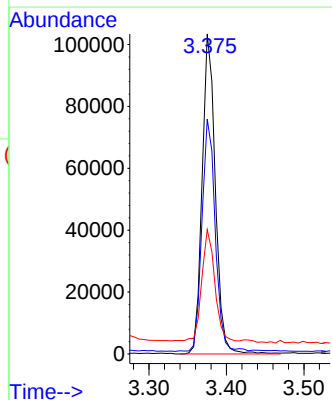
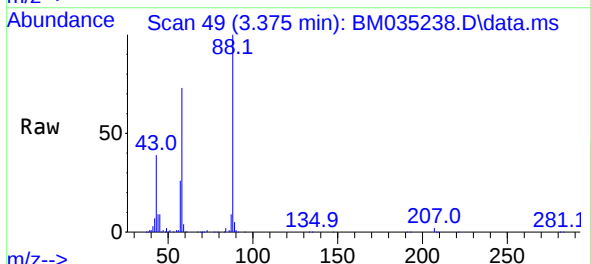
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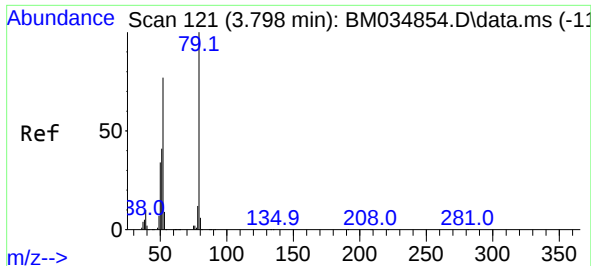
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#2  
1,4-Dioxane  
Concen: 30.575 ng  
RT: 3.375 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Tgt Ion: 88 Resp: 122512  
Ion Ratio Lower Upper  
88 100  
58 73.0 62.3 93.5  
43 34.0 28.7 43.1





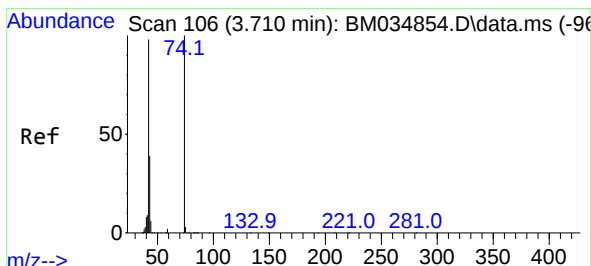
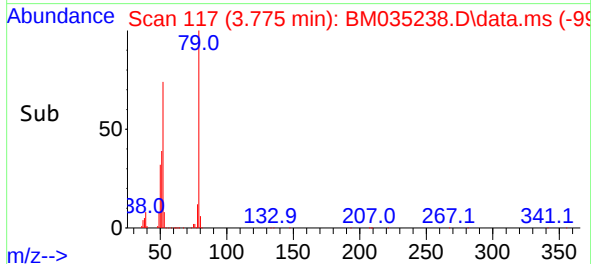
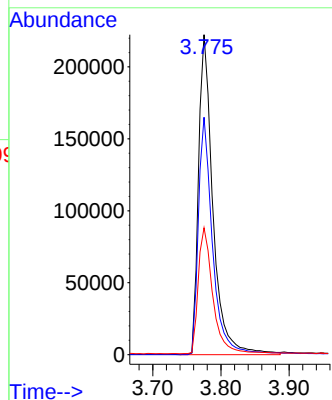
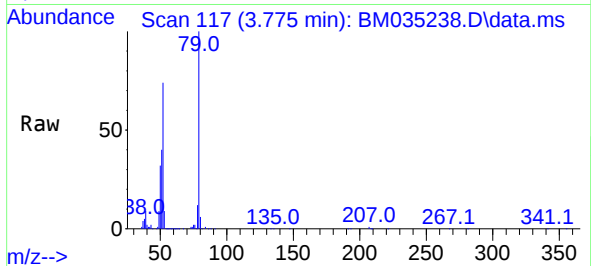
#3  
Pyridine  
Concen: 29.320 ng  
RT: 3.775 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

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BNA\_M  
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PB144970BSD

Tgt Ion: 79 Resp: 327324  
Ion Ratio Lower Upper  
79 100  
52 74.2 61.9 92.9  
51 39.6 33.5 50.3

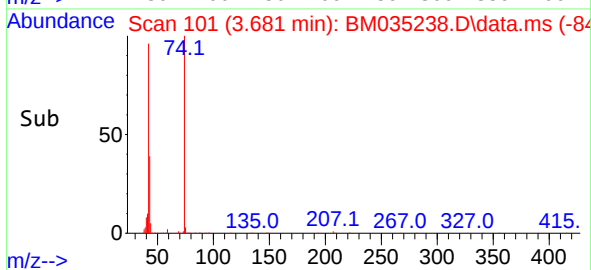
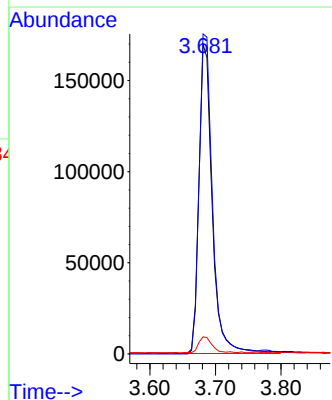
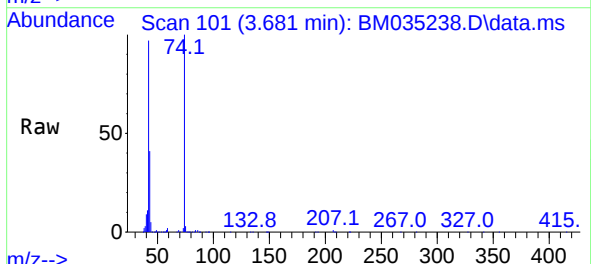
Manual Integrations  
APPROVED

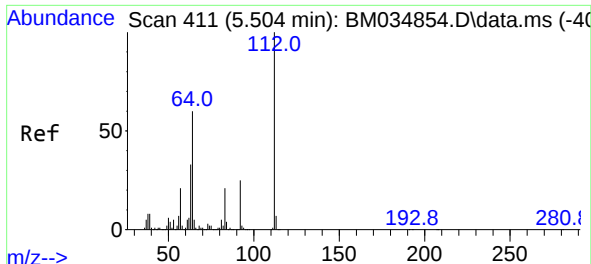
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#4  
n-Nitrosodimethylamine  
Concen: 43.627 ng  
RT: 3.681 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

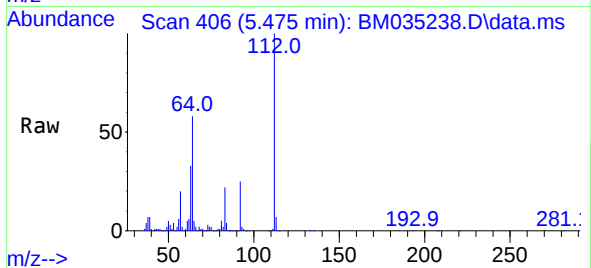
Tgt Ion: 42 Resp: 240139  
Ion Ratio Lower Upper  
42 100  
74 103.4 81.6 122.4  
44 5.6 5.2 7.8





#5  
2-Fluorophenol  
Concen: 140.966 ng  
RT: 5.475 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

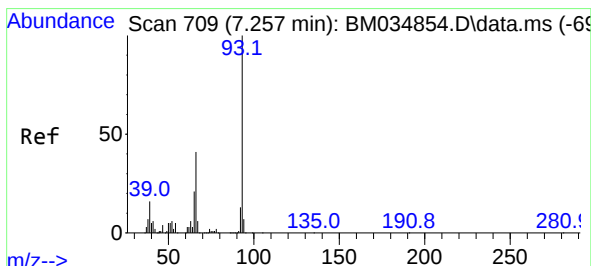
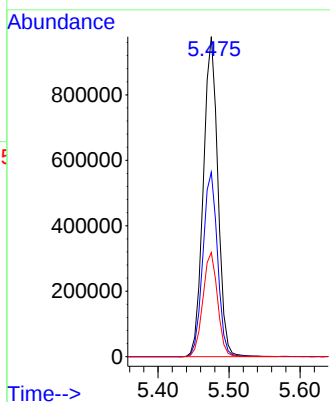
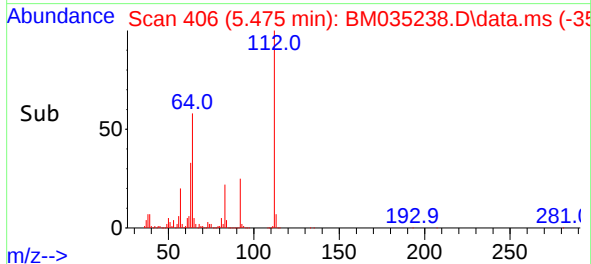
Instrument :  
BNA\_M  
ClientSampleId :  
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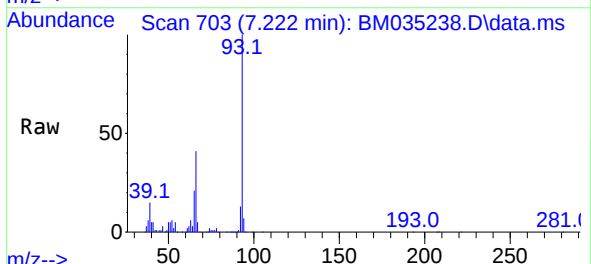
Tgt Ion:112 Resp: 1395968  
Ion Ratio Lower Upper  
112 100  
64 57.6 47.8 71.6  
63 32.6 26.6 40.0

Manual Integrations  
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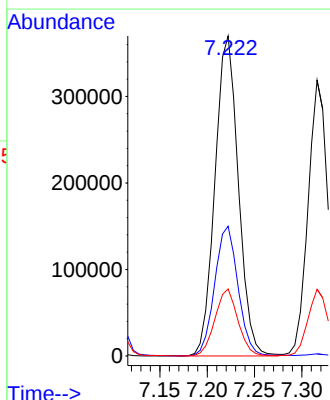
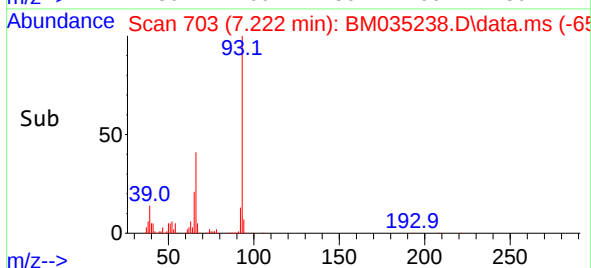
Reviewed By :Christian Giraldo 05/26/2022  
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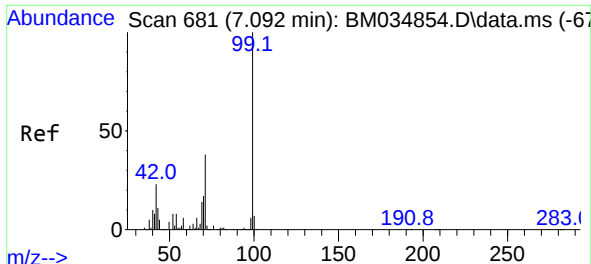


#6  
Aniline  
Concen: 43.232 ng  
RT: 7.222 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



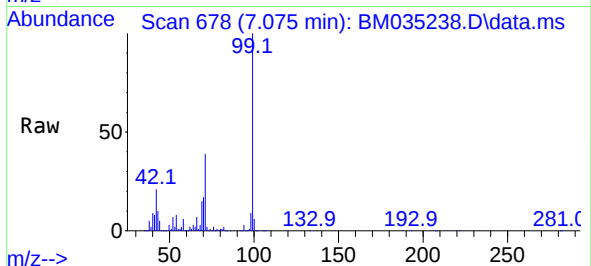
Tgt Ion: 93 Resp: 634848  
Ion Ratio Lower Upper  
93 100  
66 40.5 32.6 49.0  
65 20.9 16.8 25.2





#7  
Phenol-d6  
Concen: 136.985 ng  
RT: 7.075 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

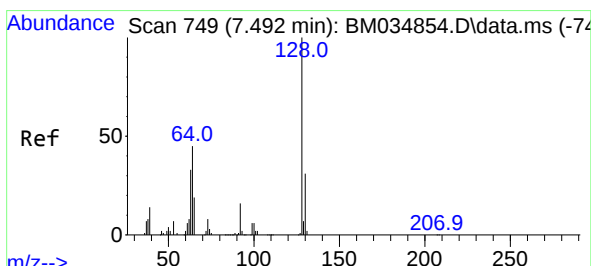
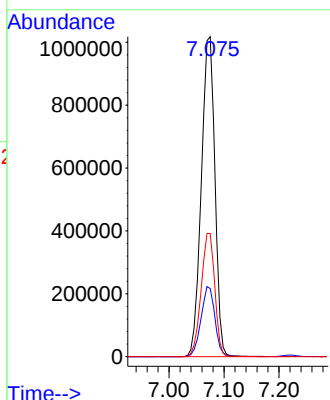
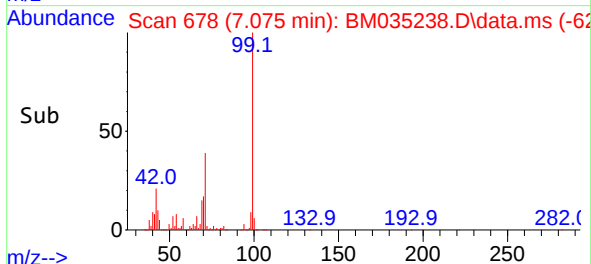
Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion: 99 Resp: 1751218  
Ion Ratio Lower Upper  
99 100  
42 21.3 18.8 28.2  
71 38.5 30.2 45.2

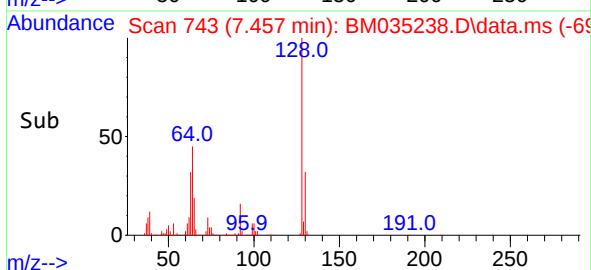
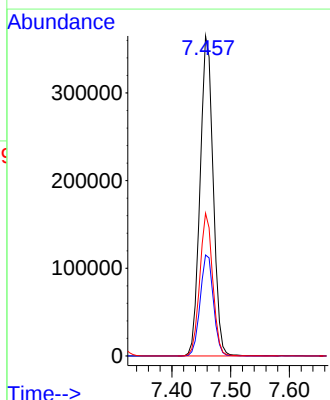
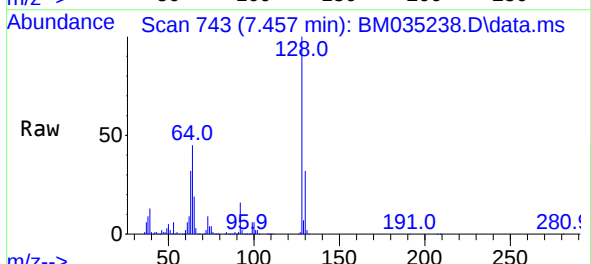
Manual Integrations  
APPROVED

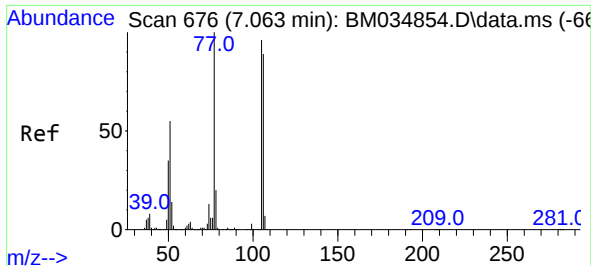
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#8  
2-Chlorophenol  
Concen: 51.251 ng  
RT: 7.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Tgt Ion:128 Resp: 564868  
Ion Ratio Lower Upper  
128 100  
130 31.5 10.9 50.9  
64 44.6 28.2 68.2





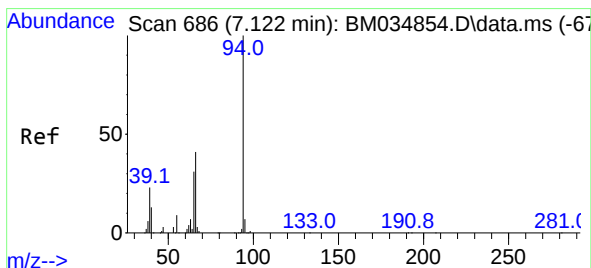
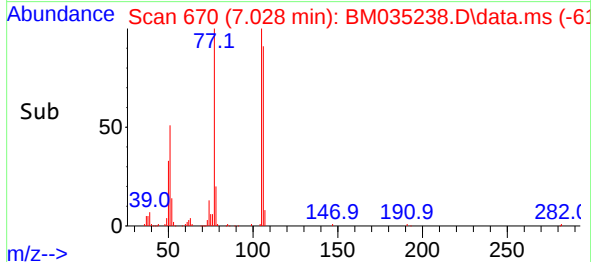
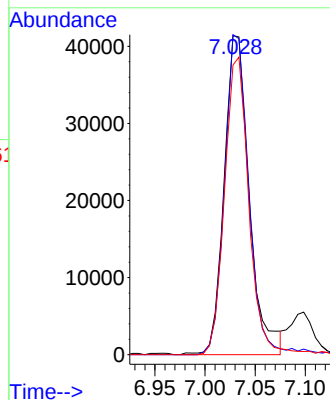
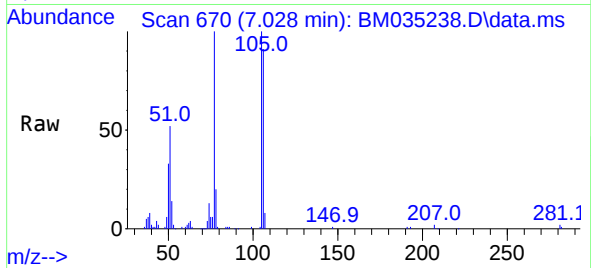
#9  
Benzaldehyde  
Concen: 8.651 ng  
RT: 7.028 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD

Tgt Ion: 77 Resp: 7197  
Ion Ratio Lower Upper  
77 100  
105 100.3 76.3 116.3  
106 90.8 69.0 109.0

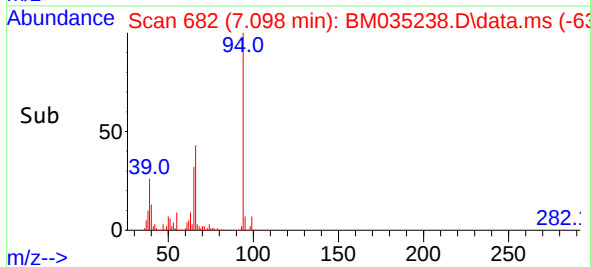
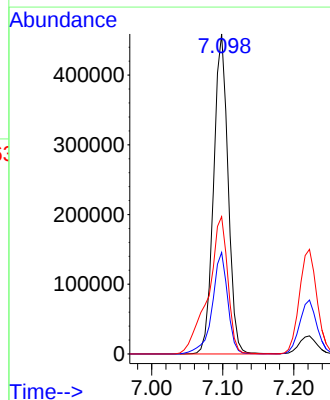
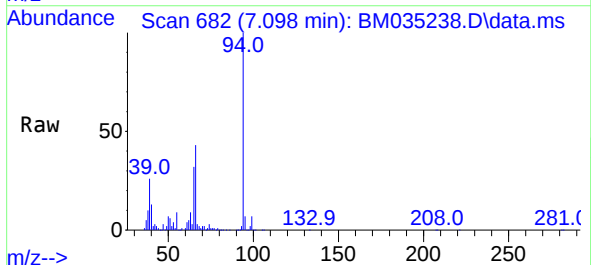
Manual Integrations  
APPROVED

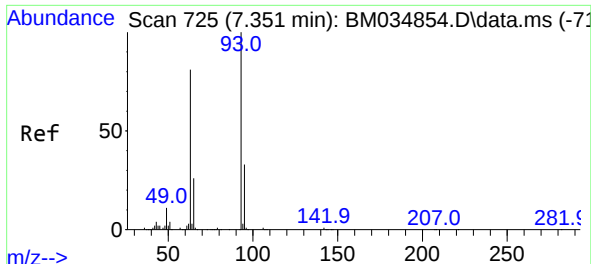
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#10  
Phenol  
Concen: 49.565 ng  
RT: 7.098 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

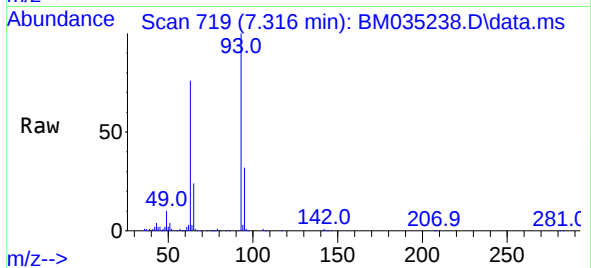
Tgt Ion: 94 Resp: 648023  
Ion Ratio Lower Upper  
94 100  
65 31.7 11.4 51.4  
66 42.9 21.4 61.4





#11  
bis(2-Chloroethyl)ether  
Concen: 47.954 ng  
RT: 7.316 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

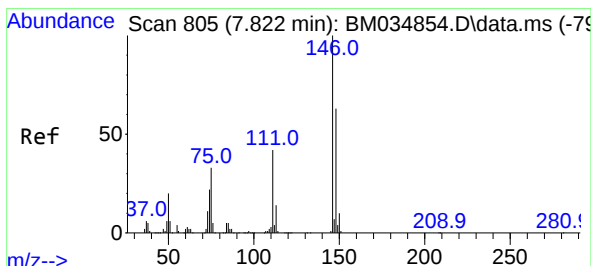
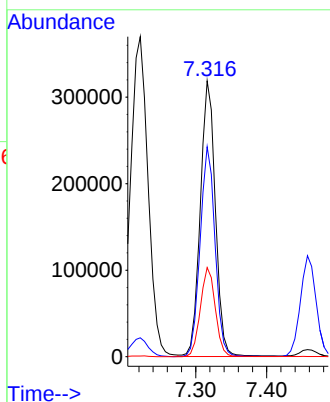
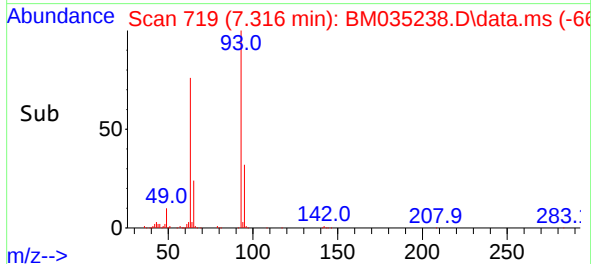
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



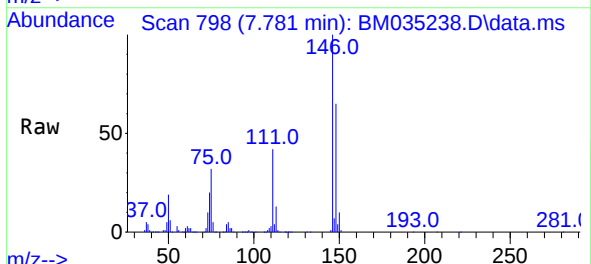
Tgt Ion: 93 Resp: 47199  
Ion Ratio Lower Upper  
93 100  
63 76.1 60.6 100.6  
95 32.3 13.2 53.2

Manual Integrations  
APPROVED

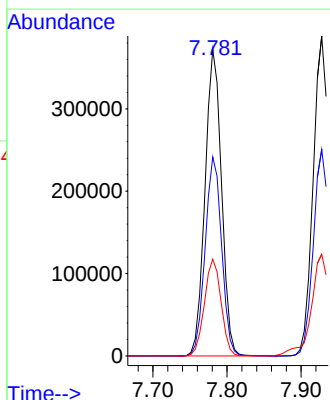
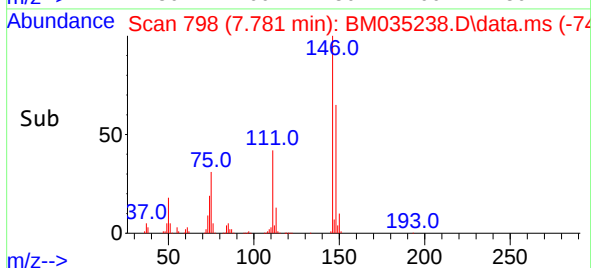
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

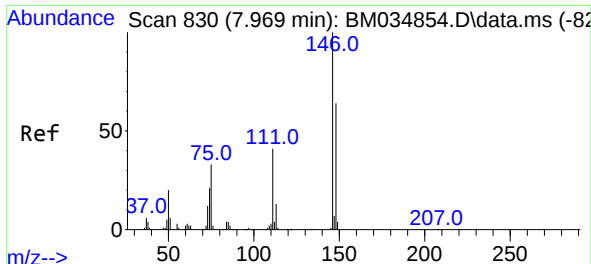


#12  
1,3-Dichlorobenzene  
Concen: 46.008 ng  
RT: 7.781 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



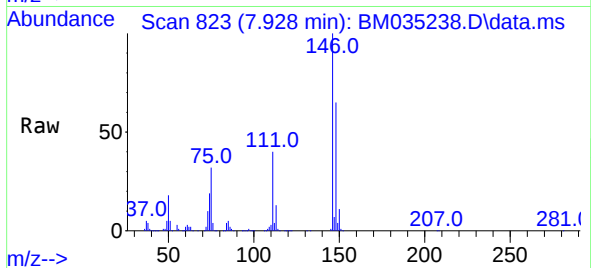
Tgt Ion:146 Resp: 574402  
Ion Ratio Lower Upper  
146 100  
148 65.0 50.7 76.1  
75 31.6 26.1 39.1





#13  
1,4-Dichlorobenzene  
Concen: 46.600 ng  
RT: 7.928 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

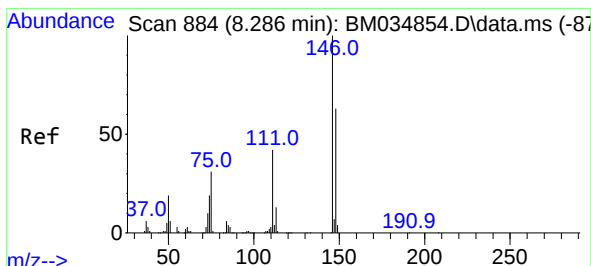
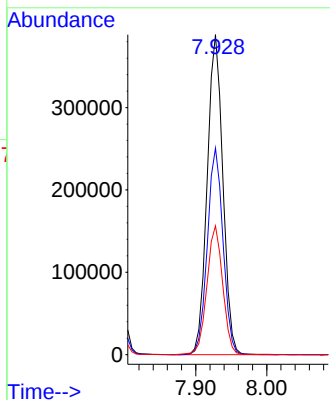
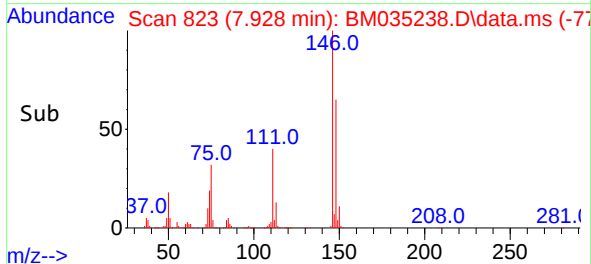
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



Tgt Ion:146 Resp: 595429  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.5 77.3  
111 40.2 32.5 48.7

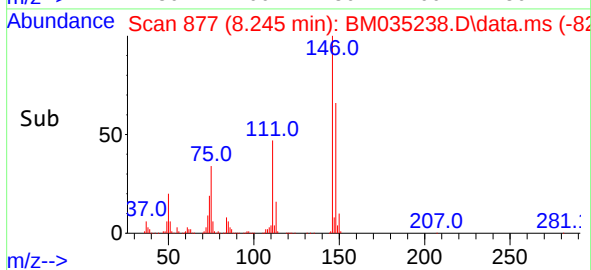
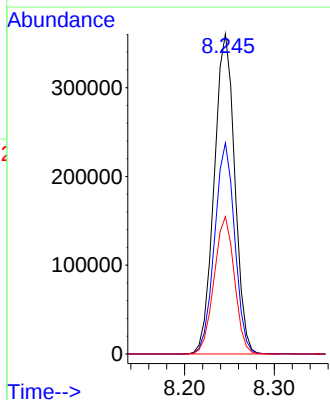
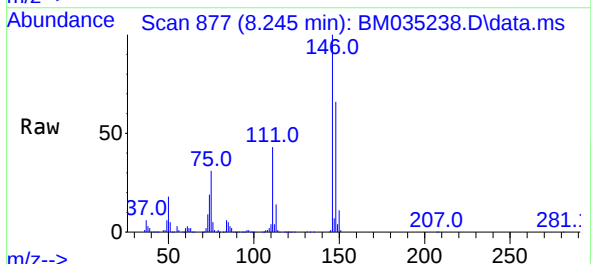
Manual Integrations  
APPROVED

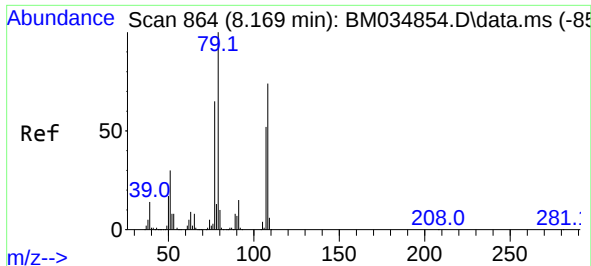
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#14  
1,2-Dichlorobenzene  
Concen: 47.121 ng  
RT: 8.245 min Scan# 877  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

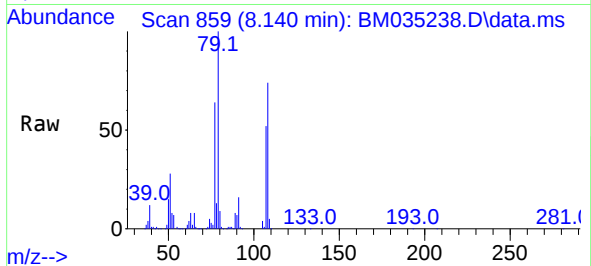
Tgt Ion:146 Resp: 573214  
Ion Ratio Lower Upper  
146 100  
148 66.0 50.7 76.1  
111 42.9 33.9 50.9





#15  
Benzyl Alcohol  
Concen: 51.130 ng  
RT: 8.140 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

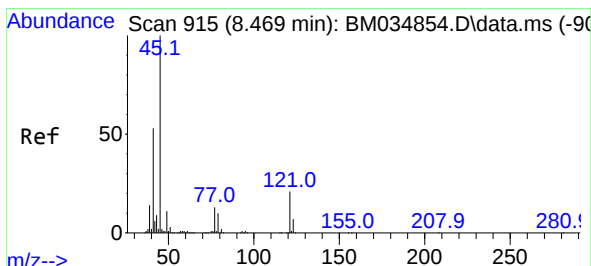
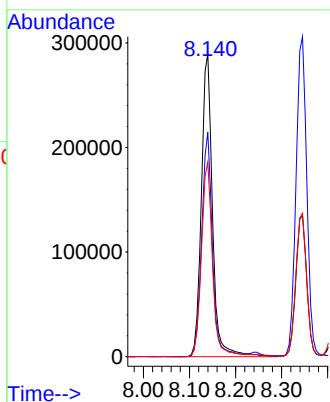
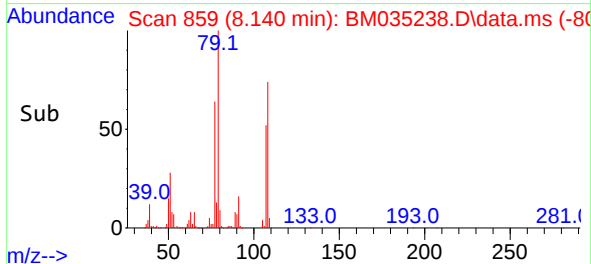
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



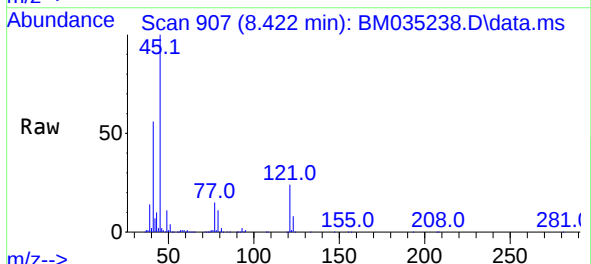
Tgt Ion: 79 Resp: 488484  
Ion Ratio Lower Upper  
79 100  
108 74.0 59.0 88.4  
77 64.2 52.2 78.4

Manual Integrations  
APPROVED

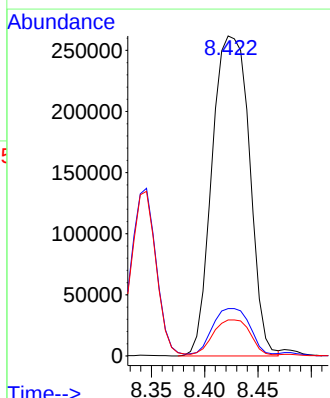
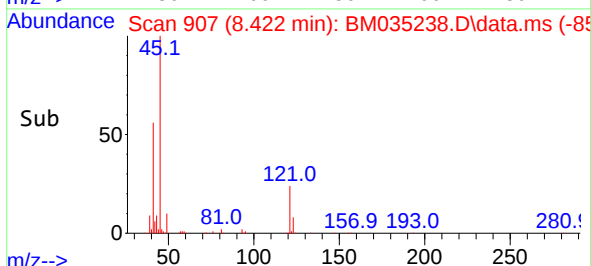
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

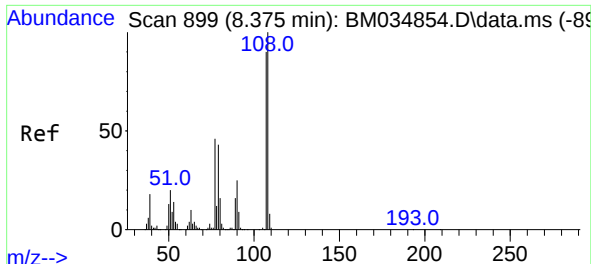


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.003 ng  
RT: 8.422 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



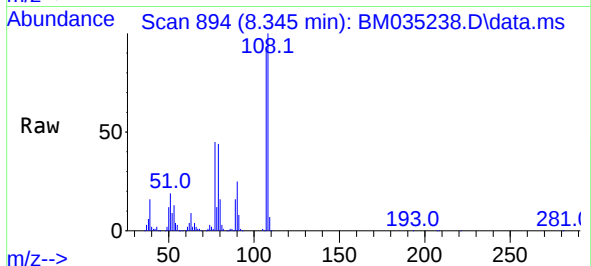
Tgt Ion: 45 Resp: 638098  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 33.1  
79 11.3 0.0 30.5





#17  
2-Methylphenol  
Concen: 50.848 ng  
RT: 8.345 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

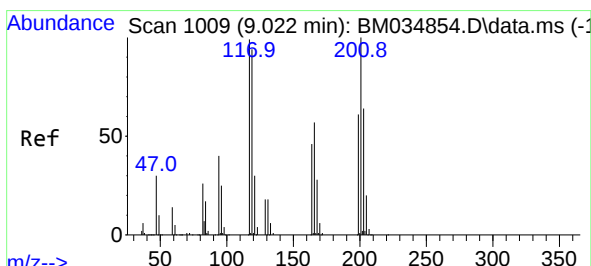
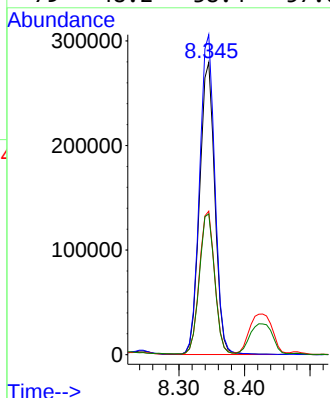
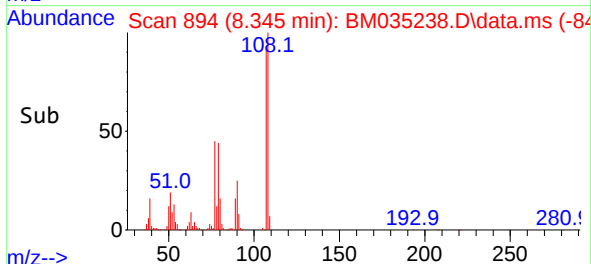
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



Tgt Ion:107 Resp: 451420  
Ion Ratio Lower Upper  
107 100  
108 109.6 88.7 133.1  
77 49.1 40.6 60.8  
79 48.2 38.4 57.6

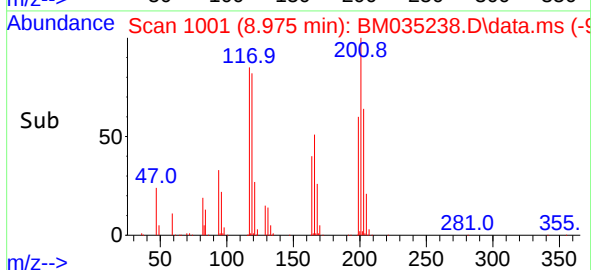
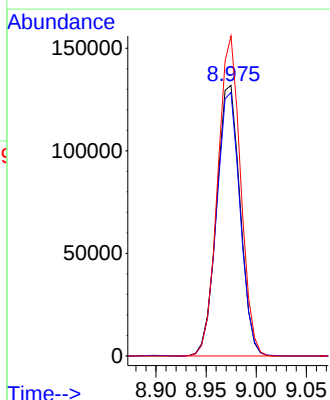
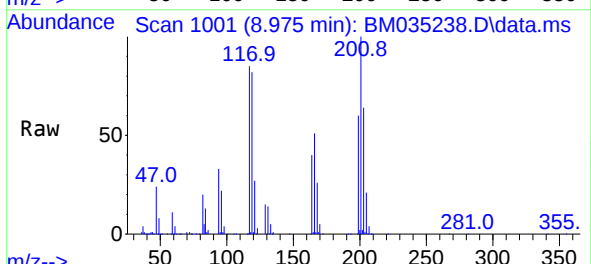
Manual Integrations  
APPROVED

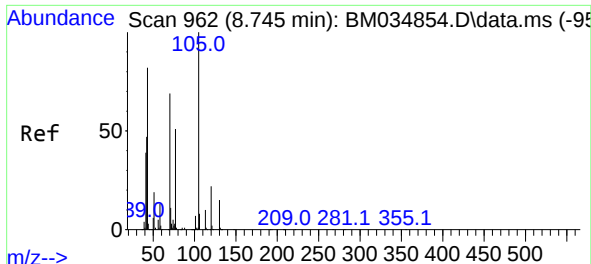
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#18  
Hexachloroethane  
Concen: 45.986 ng  
RT: 8.975 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

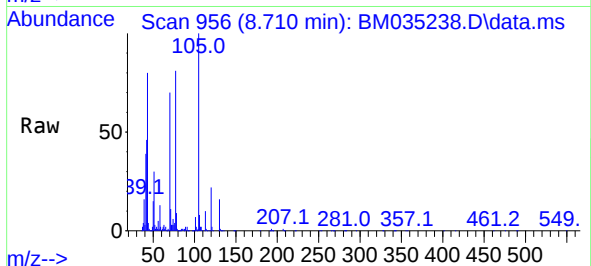
Tgt Ion:117 Resp: 215666  
Ion Ratio Lower Upper  
117 100  
119 97.4 75.8 113.6  
201 118.3 81.0 121.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 46.896 ng  
RT: 8.710 min Scan# 910  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

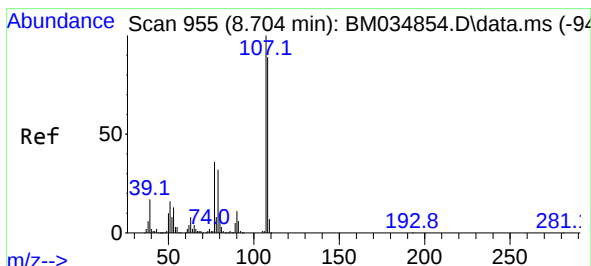
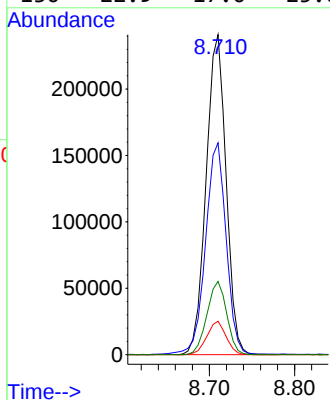
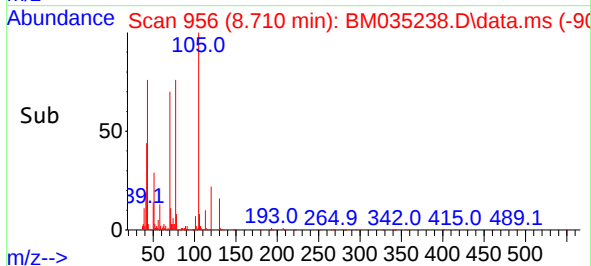
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



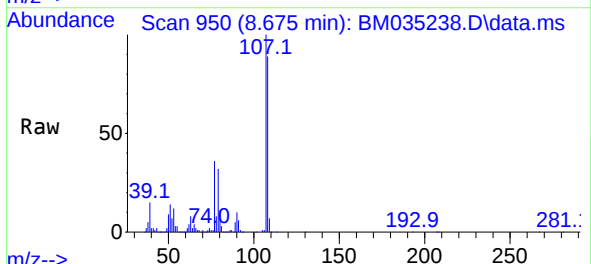
Tgt Ion: 70 Resp: 392484  
Ion Ratio Lower Upper  
70 100  
42 66.2 55.4 83.2  
101 10.4 7.8 11.6  
130 22.9 17.0 25.6

Manual Integrations  
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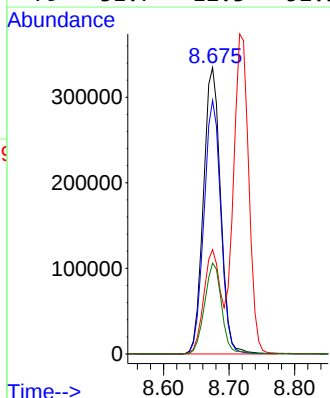
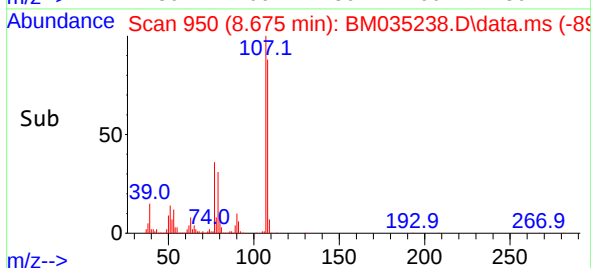
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

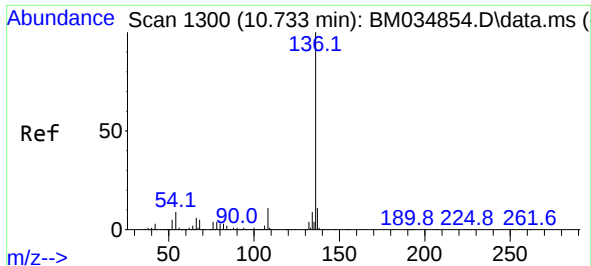


#20  
3+4-Methylphenols  
Concen: 50.266 ng  
RT: 8.675 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



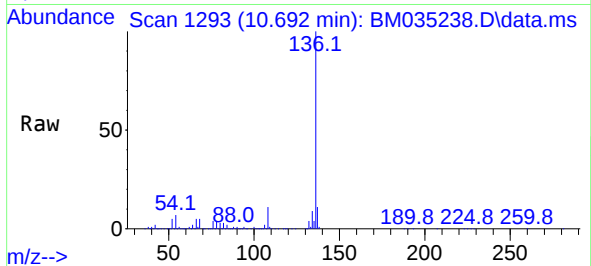
Tgt Ion:107 Resp: 610587  
Ion Ratio Lower Upper  
107 100  
108 88.5 69.3 109.3  
77 36.4 15.8 55.8  
79 31.7 12.3 52.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.692 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

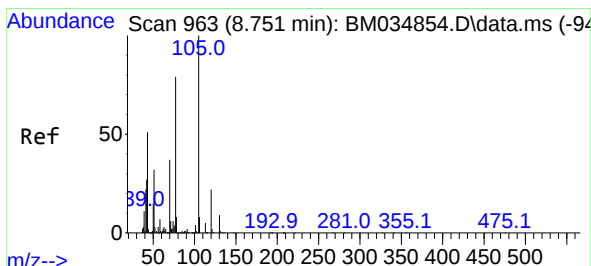
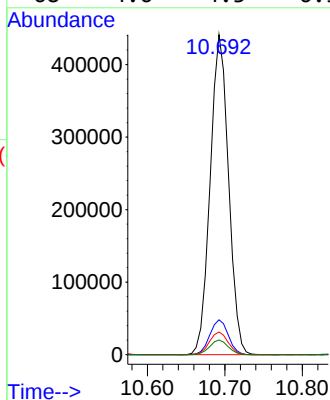
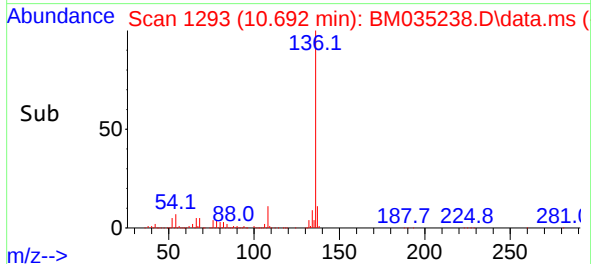
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



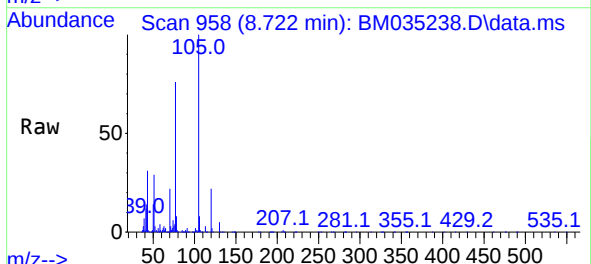
Tgt Ion:136 Resp: 725464  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 7.1 7.0 10.4  
68 4.6 4.3 6.5

Manual Integrations  
APPROVED

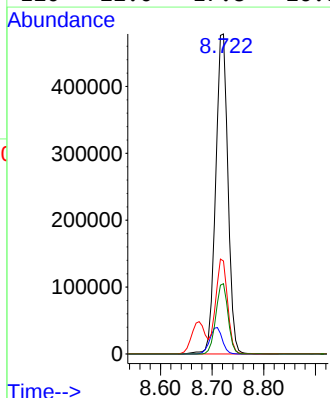
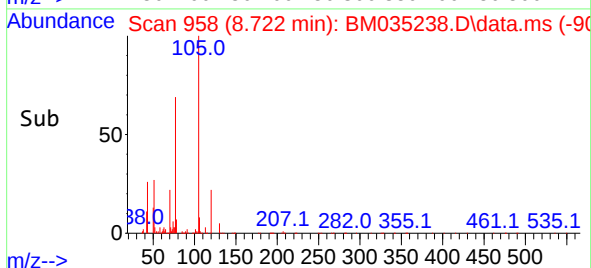
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

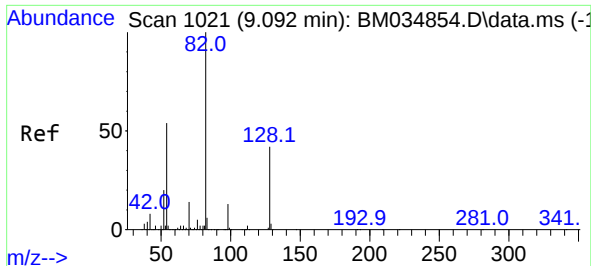


#22  
Acetophenone  
Concen: 44.948 ng  
RT: 8.722 min Scan# 958  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



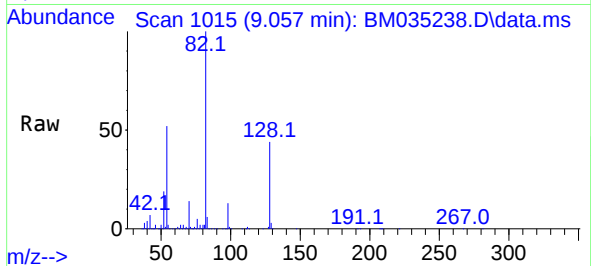
Tgt Ion:105 Resp: 789726  
Ion Ratio Lower Upper  
105 100  
71 3.4 5.0 7.4#  
51 29.1 25.6 38.4  
120 22.0 17.8 26.8





#23  
Nitrobenzene-d5  
Concen: 86.109 ng  
RT: 9.057 min Scan# 1015  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

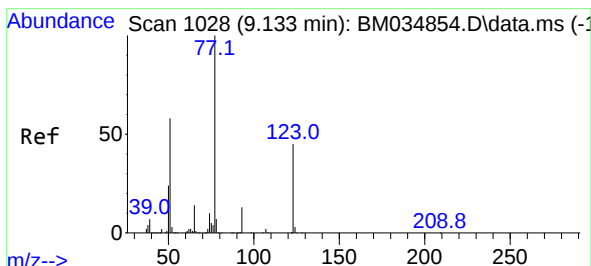
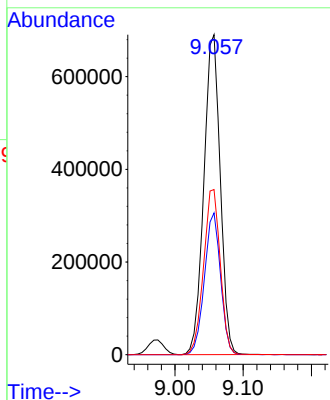
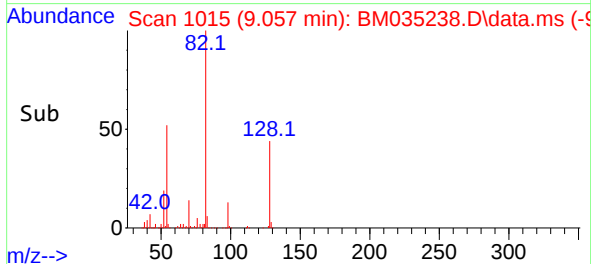
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



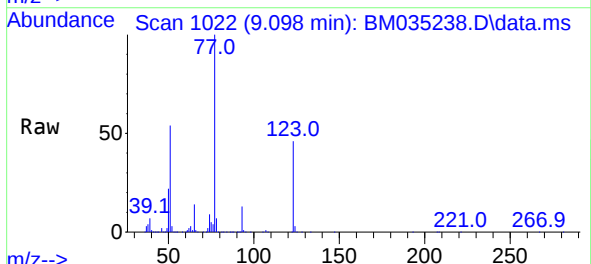
Tgt Ion: 82 Resp: 1156790  
Ion Ratio Lower Upper  
82 100  
128 44.3 33.7 50.5  
54 51.6 43.2 64.8

Manual Integrations  
APPROVED

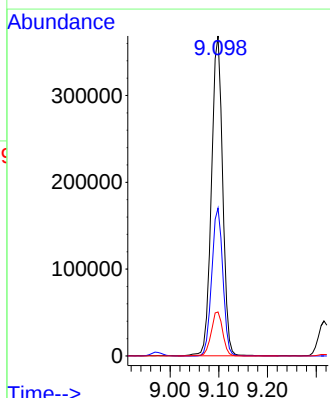
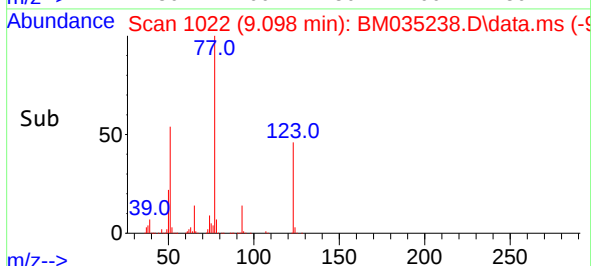
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

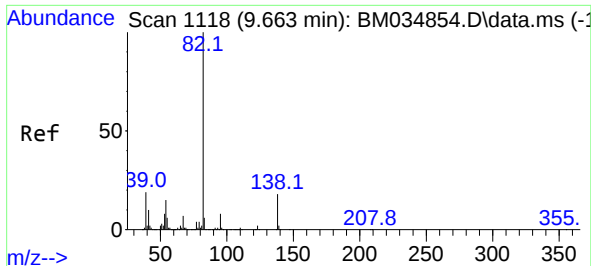


#24  
Nitrobenzene  
Concen: 43.202 ng  
RT: 9.098 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



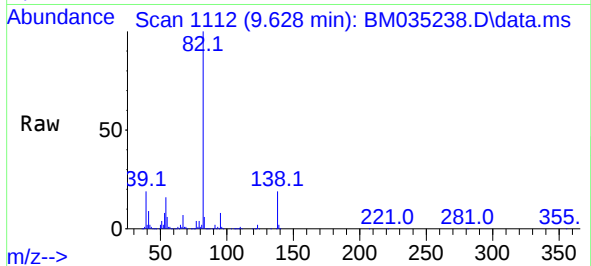
Tgt Ion: 77 Resp: 583814  
Ion Ratio Lower Upper  
77 100  
123 46.2 36.2 54.4  
65 13.8 11.4 17.0





#25  
Isophorone  
Concen: 46.852 ng  
RT: 9.628 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

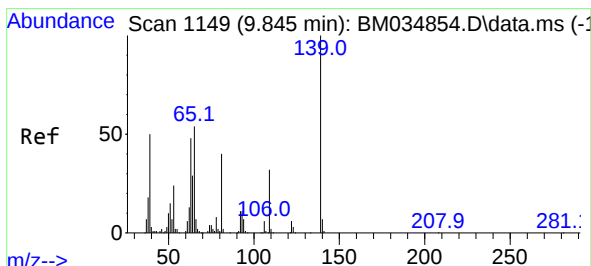
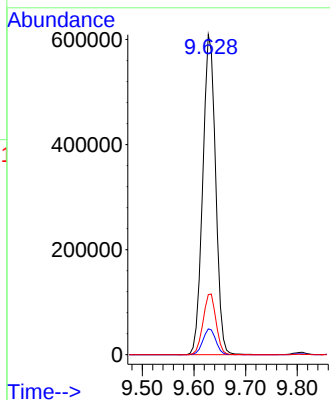
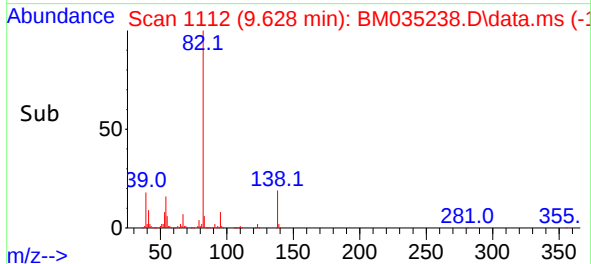
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



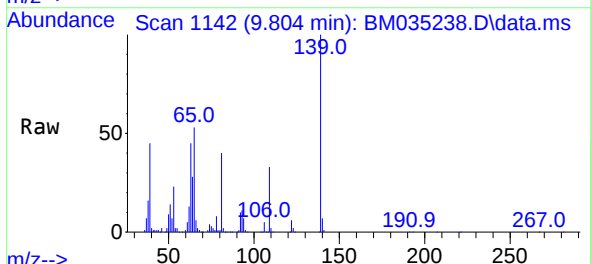
Tgt Ion: 82 Resp: 105233  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.4 9.6  
138 18.8 14.2 21.4

Manual Integrations  
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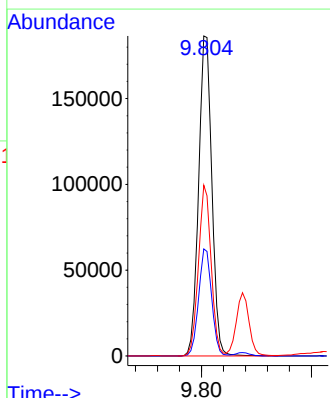
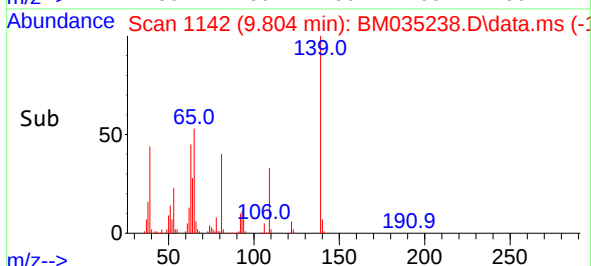
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

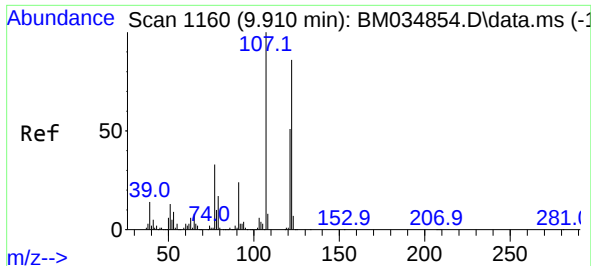


#26  
2-Nitrophenol  
Concen: 52.781 ng  
RT: 9.804 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



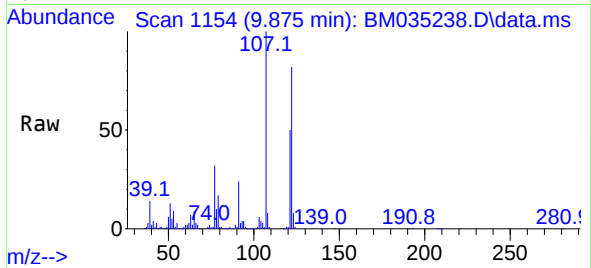
Tgt Ion:139 Resp: 311242  
Ion Ratio Lower Upper  
139 100  
109 33.4 25.6 38.4  
65 53.4 43.2 64.8





#27  
2,4-Dimethylphenol  
Concen: 56.349 ng  
RT: 9.875 min Scan# 1154  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

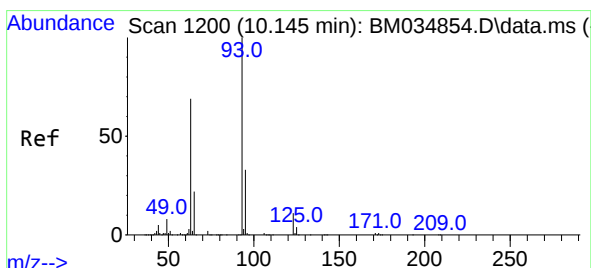
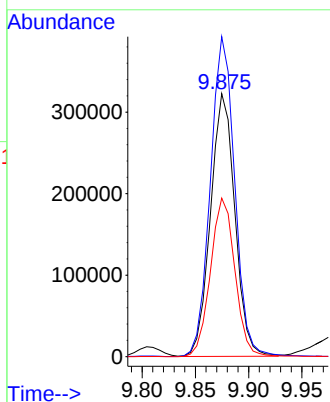
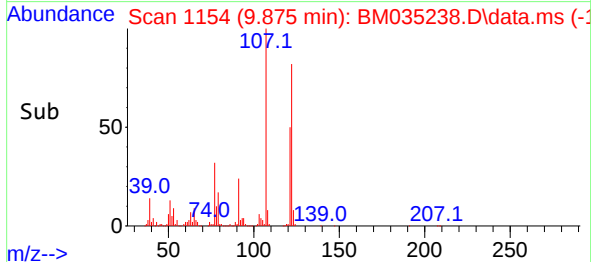
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



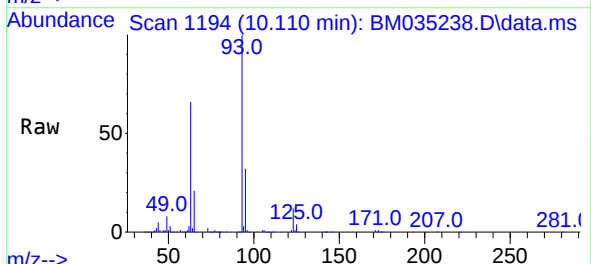
Tgt Ion:122 Resp: 51238  
Ion Ratio Lower Upper  
122 100  
107 121.6 92.4 138.6  
121 60.3 47.4 71.0

Manual Integrations  
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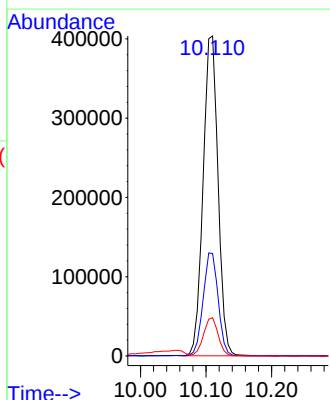
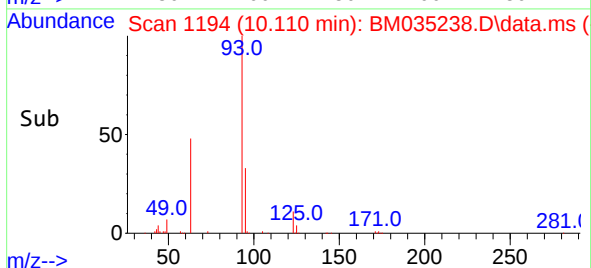
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

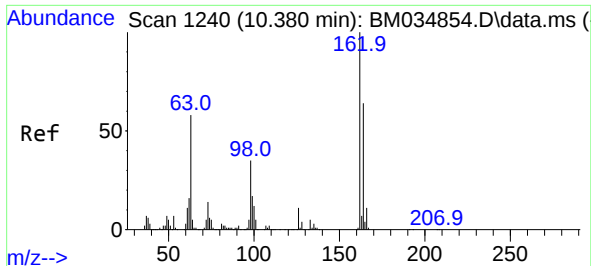


#28  
bis(2-Chloroethoxy)methane  
Concen: 49.582 ng  
RT: 10.110 min Scan# 1194  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



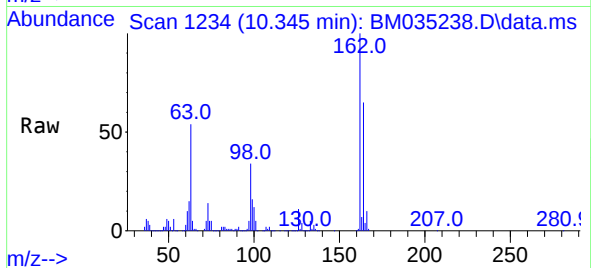
Tgt Ion: 93 Resp: 640915  
Ion Ratio Lower Upper  
93 100  
95 32.0 26.1 39.1  
123 12.0 9.0 13.4





#29  
2,4-Dichlorophenol  
Concen: 51.706 ng  
RT: 10.345 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

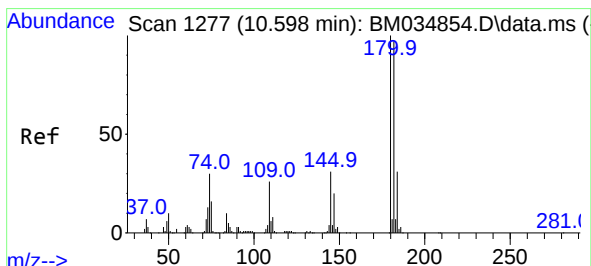
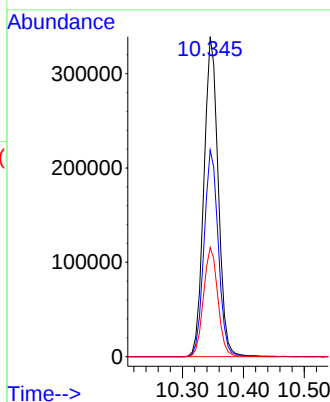
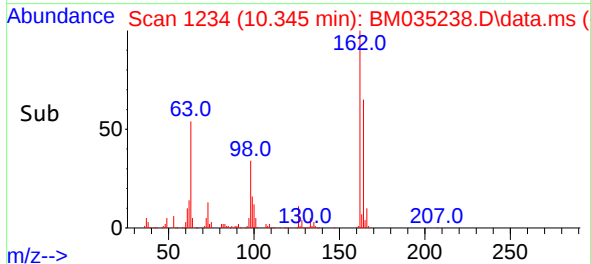
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



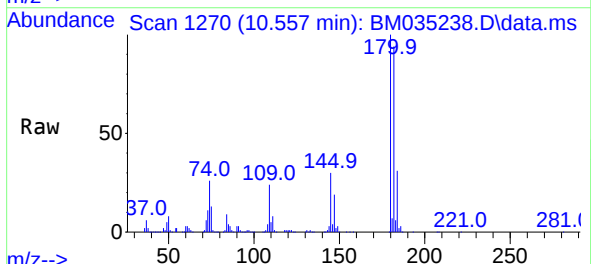
Tgt Ion:162 Resp: 55433  
Ion Ratio Lower Upper  
162 100  
164 64.6 44.2 84.2  
98 34.1 15.0 55.0

Manual Integrations  
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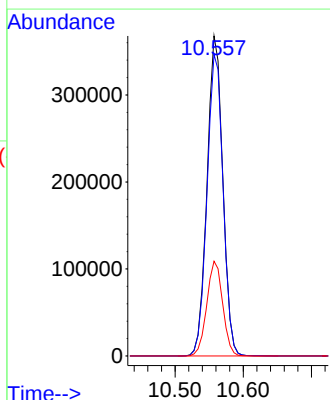
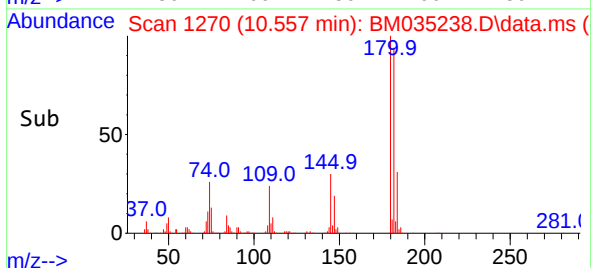
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

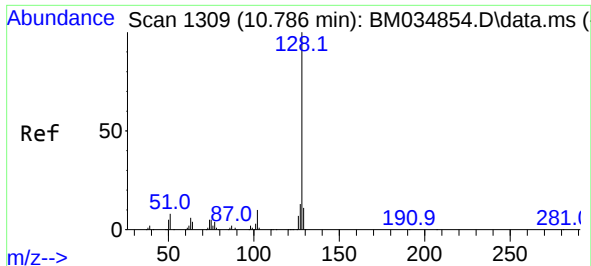


#30  
1,2,4-Trichlorobenzene  
Concen: 48.765 ng  
RT: 10.557 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



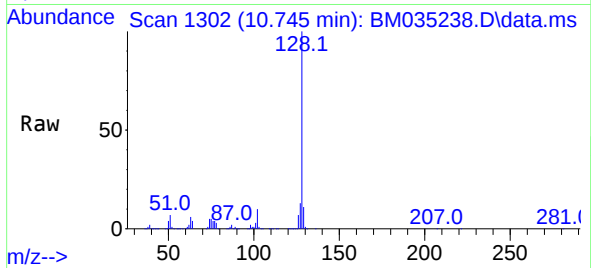
Tgt Ion:180 Resp: 591776  
Ion Ratio Lower Upper  
180 100  
182 94.2 77.9 116.9  
145 29.6 25.0 37.6





#31  
Naphthalene  
Concen: 43.640 ng  
RT: 10.745 min Scan# 1185  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

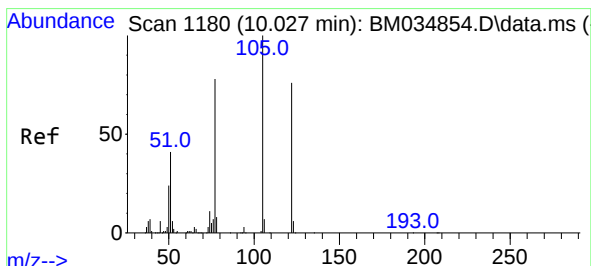
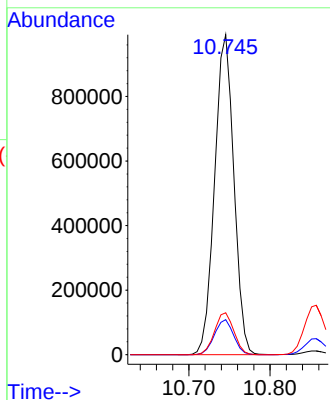
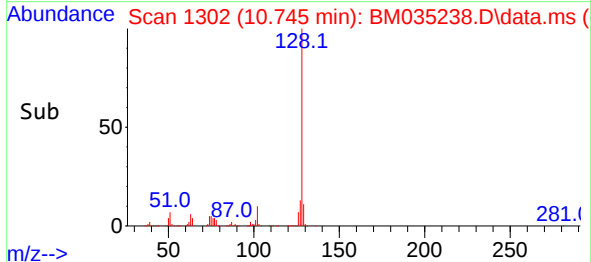
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



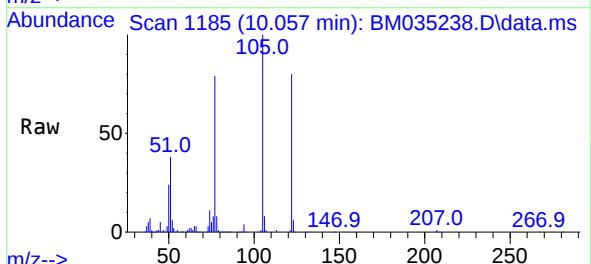
Tgt Ion:128 Resp: 1633194  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.1 10.6 16.0

Manual Integrations  
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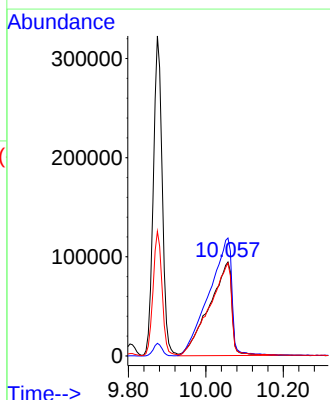
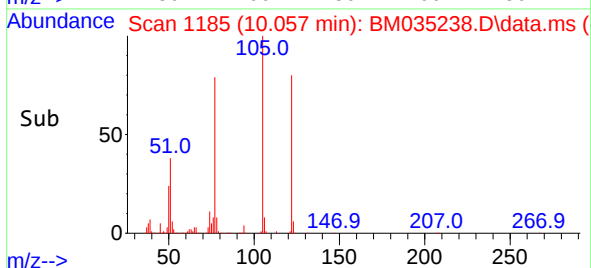
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

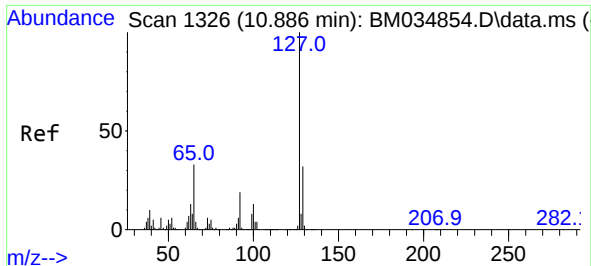


#32  
Benzoic acid  
Concen: 52.799 ng  
RT: 10.057 min Scan# 1185  
Delta R.T. 0.024 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



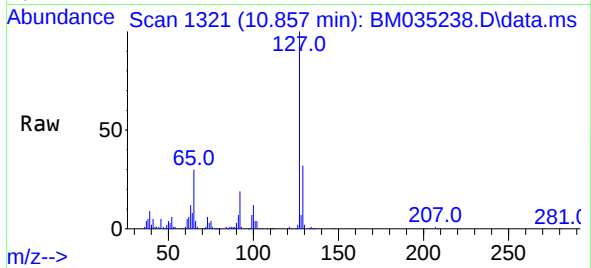
Tgt Ion:122 Resp: 385178  
Ion Ratio Lower Upper  
122 100  
105 125.6 105.7 145.7  
77 98.9 80.0 120.0





#33  
4-Chloroaniline  
Concen: 19.556 ng  
RT: 10.857 min Scan# 1321  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD

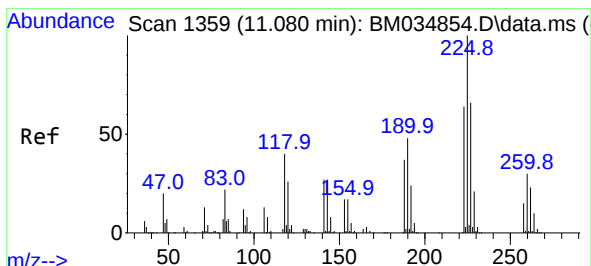
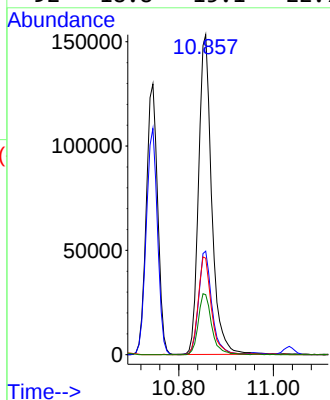
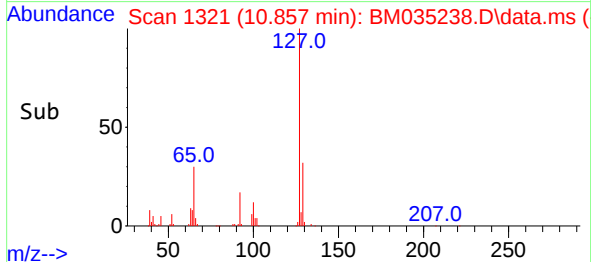


Tgt Ion:127 Resp: 294390

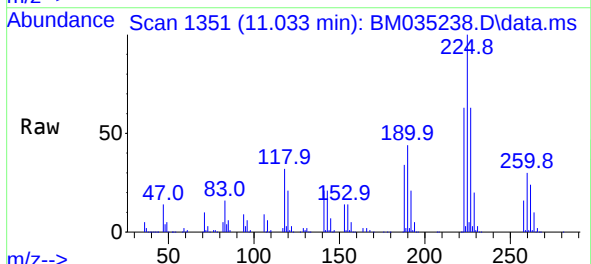
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.3  | 25.7  | 38.5  |
| 65  | 30.2  | 26.6  | 40.0  |
| 92  | 18.8  | 15.1  | 22.7  |

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Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

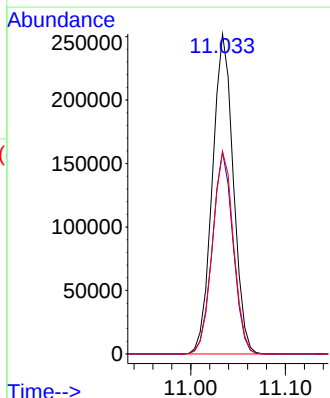
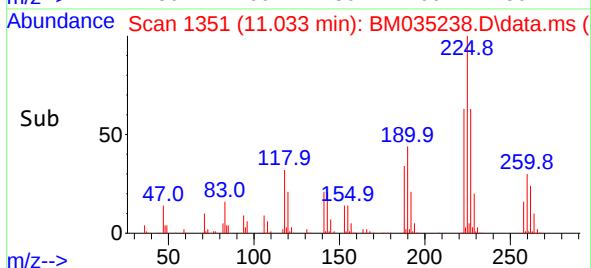


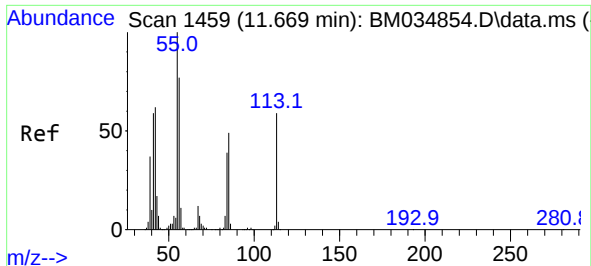
#34  
Hexachlorobutadiene  
Concen: 51.589 ng  
RT: 11.033 min Scan# 1351  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



Tgt Ion:225 Resp: 386537

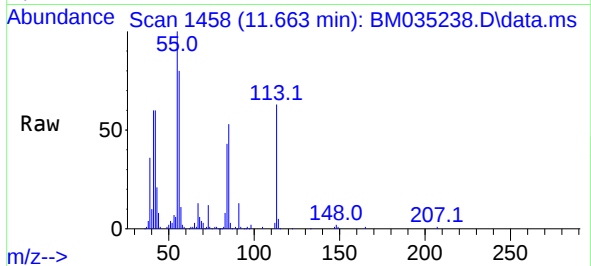
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.2  | 50.8  | 76.2  |
| 227 | 63.2  | 52.7  | 79.1  |





#35  
Caprolactam  
Concen: 48.038 ng m  
RT: 11.663 min Scan# 1459  
Delta R.T. 0.012 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

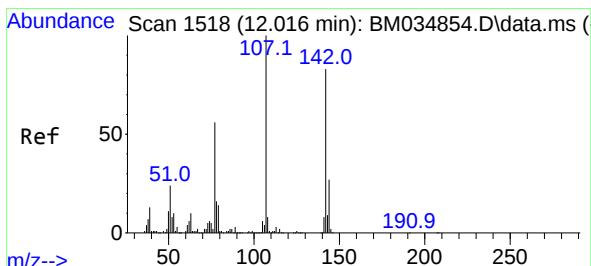
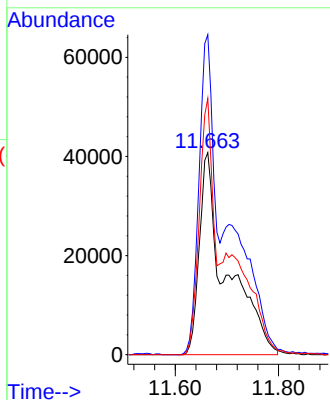
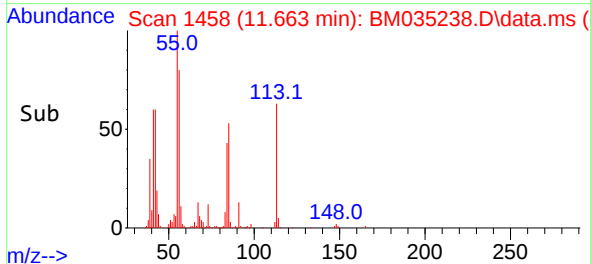
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



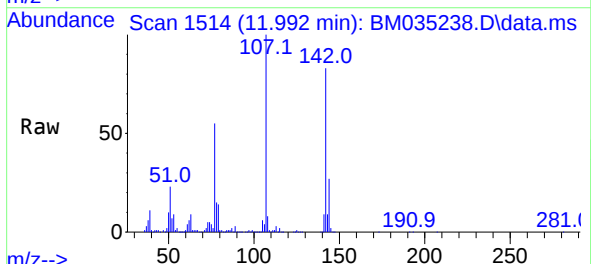
Tgt Ion:113 Resp: 148748  
Ion Ratio Lower Upper  
113 100  
55 158.4 150.1 190.1  
56 126.8 111.7 151.7

Manual Integrations  
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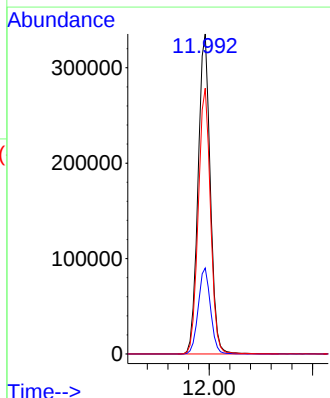
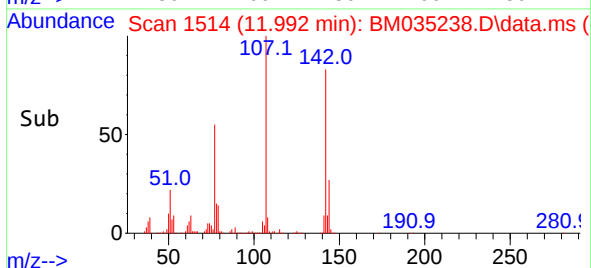
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

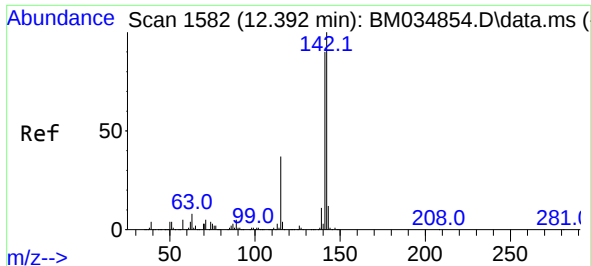


#36  
4-Chloro-3-methylphenol  
Concen: 49.481 ng  
RT: 11.992 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



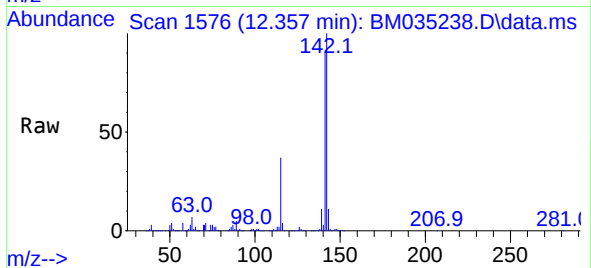
Tgt Ion:107 Resp: 548938  
Ion Ratio Lower Upper  
107 100  
144 26.9 21.4 32.0  
142 83.1 66.7 100.1





#37  
2-Methylnaphthalene  
Concen: 45.268 ng  
RT: 12.357 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

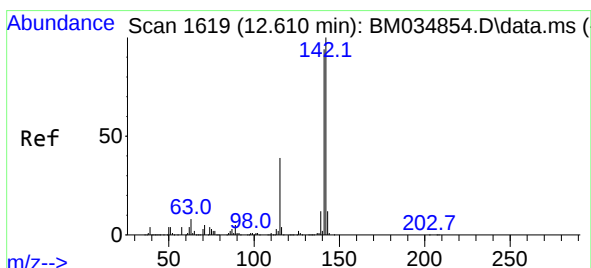
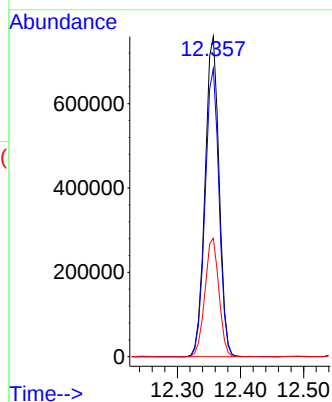
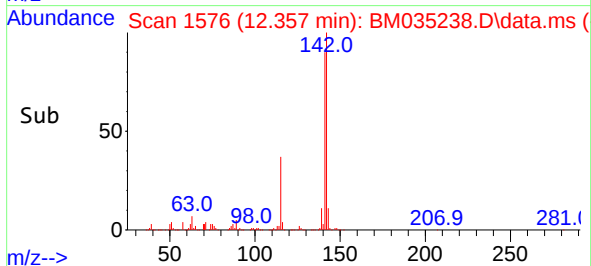
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



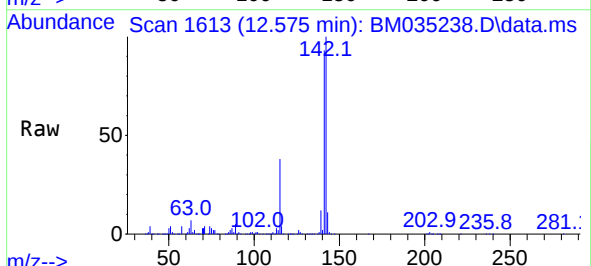
Tgt Ion:142 Resp: 117384  
Ion Ratio Lower Upper  
142 100  
141 90.0 72.4 108.6  
115 37.0 29.6 44.4

Manual Integrations  
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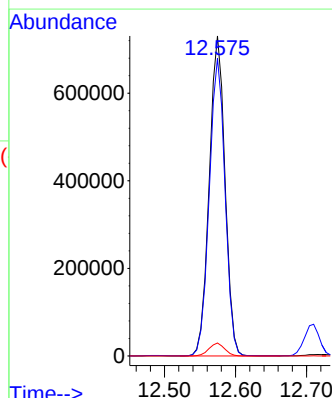
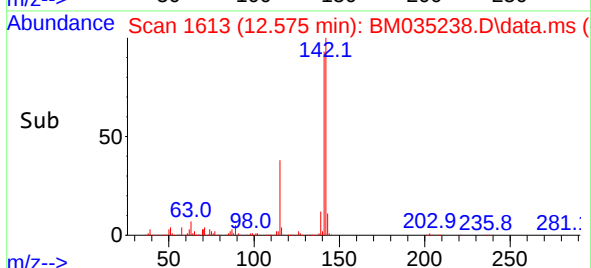
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

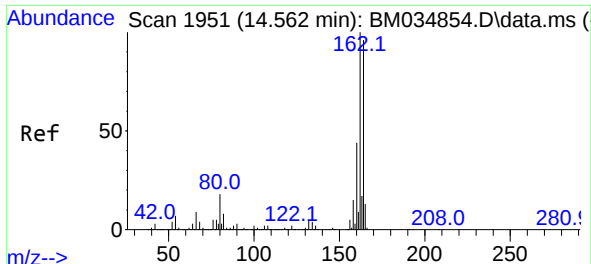


#38  
1-Methylnaphthalene  
Concen: 44.531 ng  
RT: 12.575 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



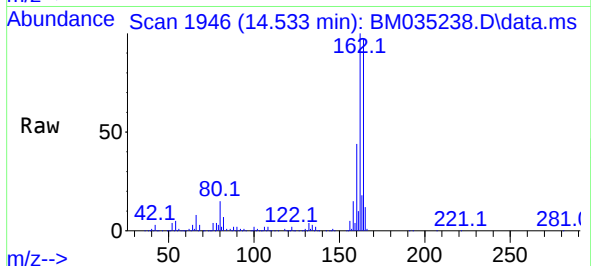
Tgt Ion:142 Resp: 1127646  
Ion Ratio Lower Upper  
142 100  
141 93.1 75.0 112.4  
116 4.1 3.4 5.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.533 min Scan# 1951  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

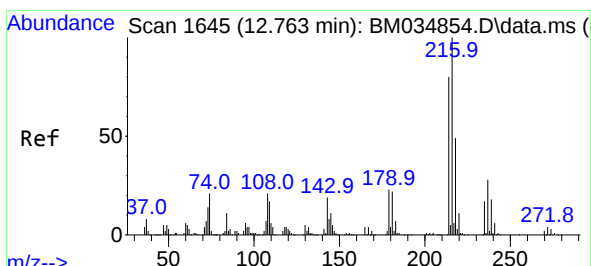
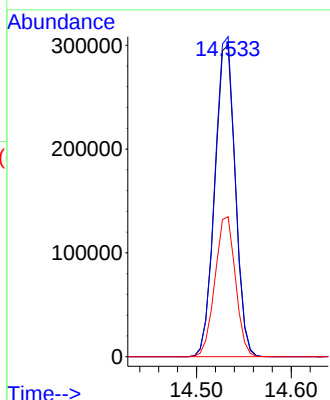
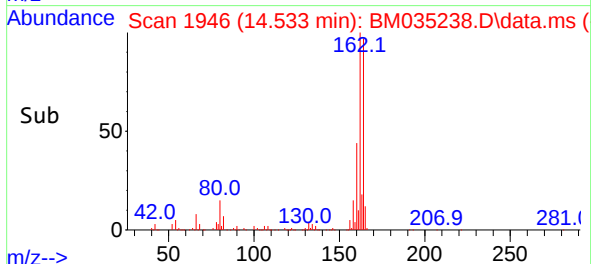
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



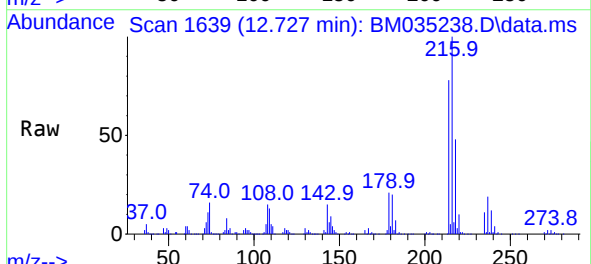
Tgt Ion:164 Resp: 450524  
Ion Ratio Lower Upper  
164 100  
162 102.8 83.0 124.6  
160 45.0 37.0 55.4

Manual Integrations  
APPROVED

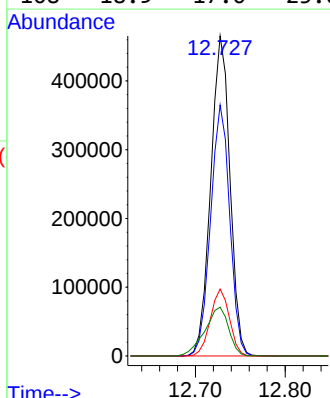
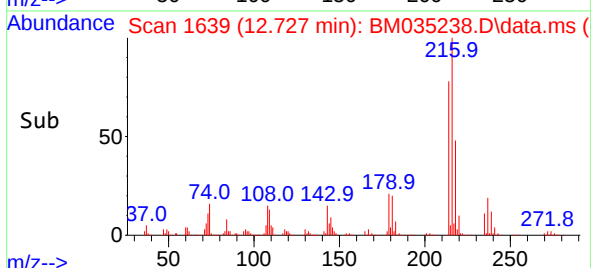
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

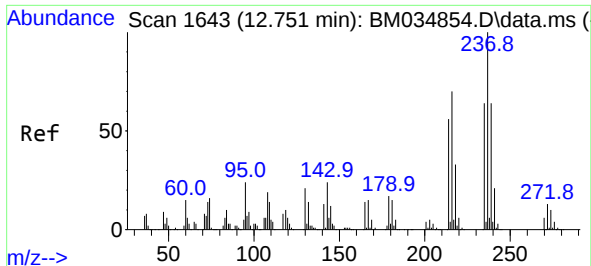


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.996 ng  
RT: 12.727 min Scan# 1639  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



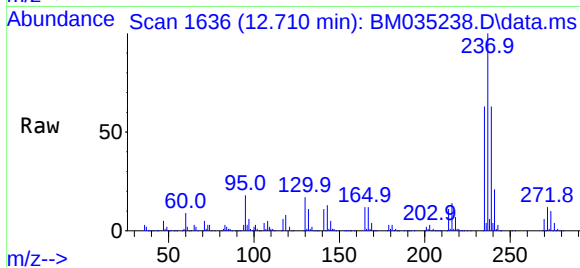
Tgt Ion:216 Resp: 692683  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.6 94.0  
179 20.8 18.2 27.2  
108 18.9 17.0 25.6





#41  
Hexachlorocyclopentadiene  
Concen: 125.040 ng  
RT: 12.710 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

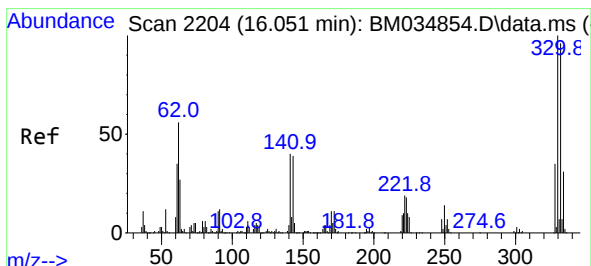
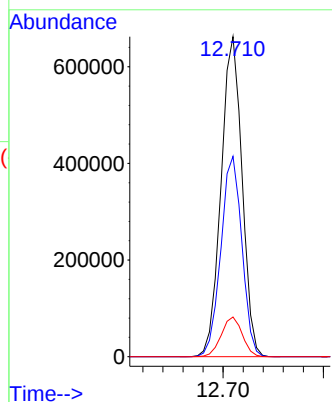
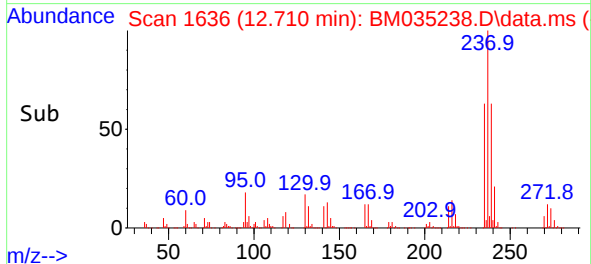
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



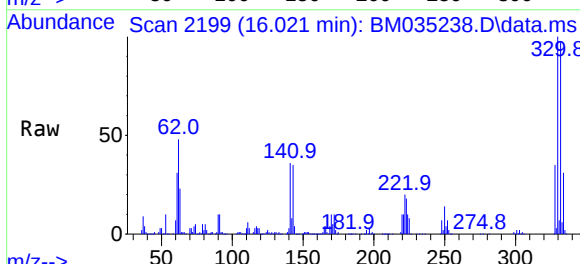
Tgt Ion: 237 Resp: 960388  
Ion Ratio Lower Upper  
237 100  
235 62.6 43.8 83.8  
272 12.4 0.0 32.5

Manual Integrations  
APPROVED

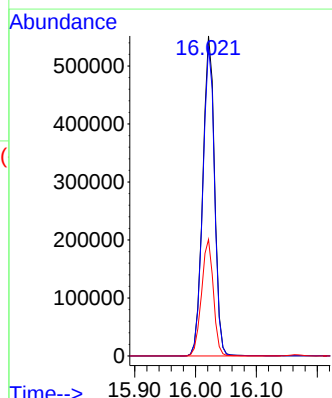
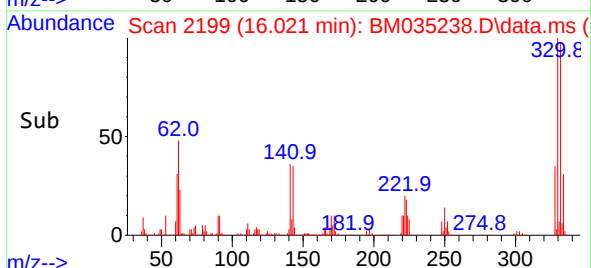
Reviewed By : Christian Giraldo 05/26/2022  
Supervised By : Jagrut Upadhyay 05/26/2022

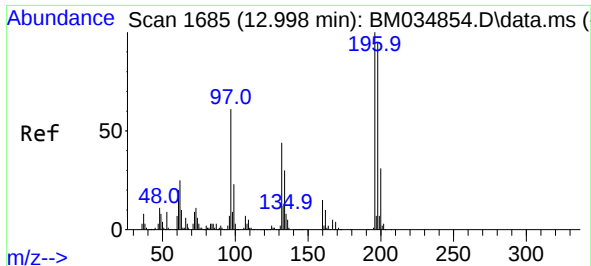


#42  
2,4,6-Tribromophenol  
Concen: 151.562 ng  
RT: 16.021 min Scan# 2199  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



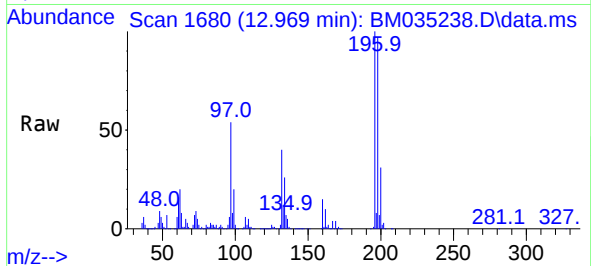
Tgt Ion: 330 Resp: 742776  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.0 115.4  
141 36.6 35.3 52.9





#43  
2,4,6-Trichlorophenol  
Concen: 53.245 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

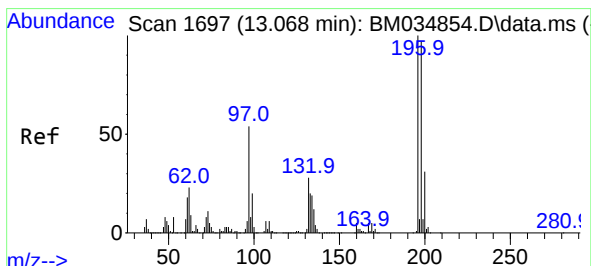
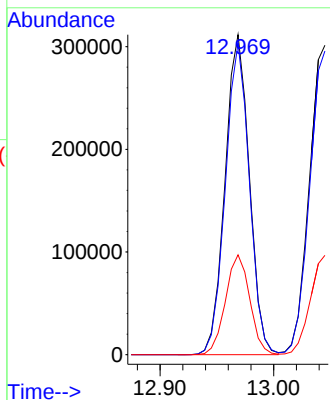
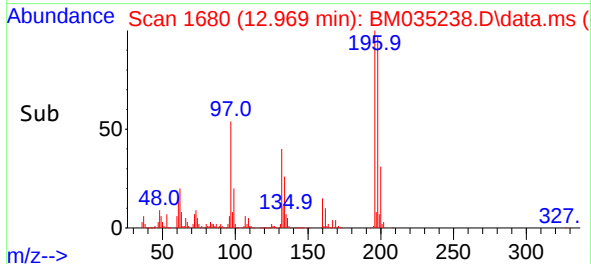
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



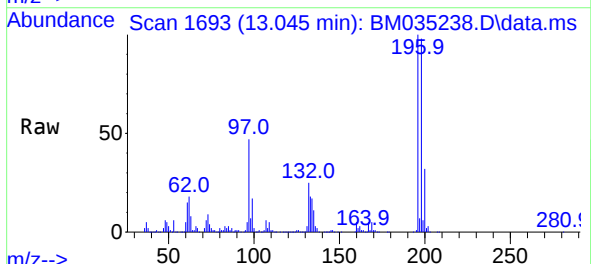
Tgt Ion:196 Resp: 462389  
Ion Ratio Lower Upper  
196 100  
198 97.4 75.8 113.6  
200 31.2 24.9 37.3

Manual Integrations  
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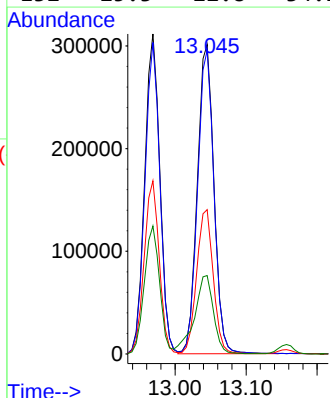
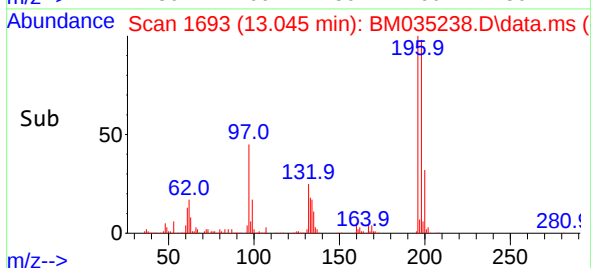
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

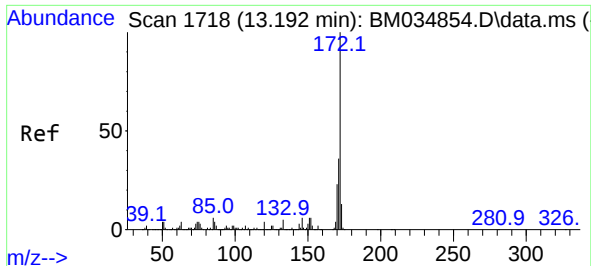


#44  
2,4,5-Trichlorophenol  
Concen: 50.950 ng  
RT: 13.045 min Scan# 1693  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



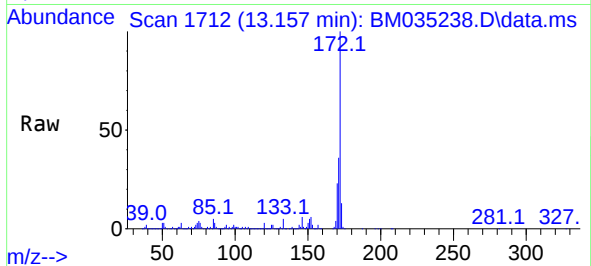
Tgt Ion:196 Resp: 491328  
Ion Ratio Lower Upper  
196 100  
198 98.2 77.8 116.6  
97 46.6 43.4 65.2  
132 25.3 22.8 34.2





#45  
2-Fluorobiphenyl  
Concen: 93.347 ng  
RT: 13.157 min Scan# 1712  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

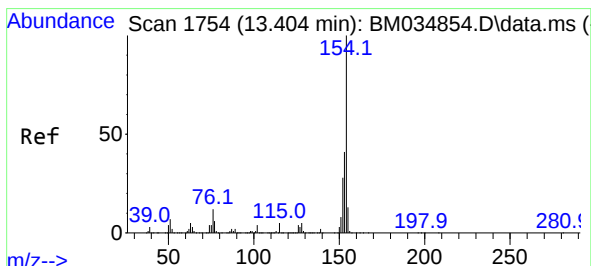
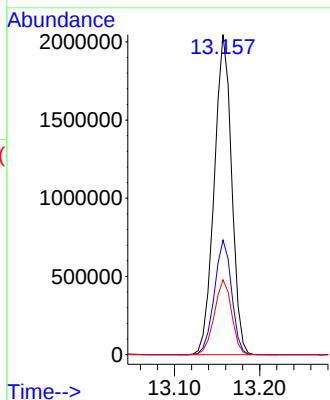
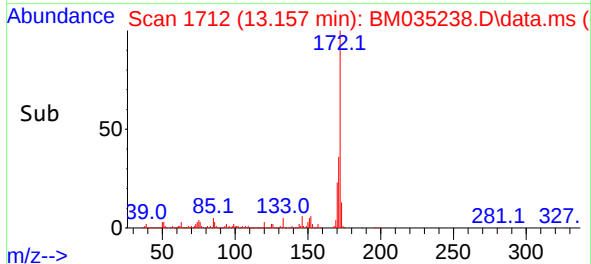
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



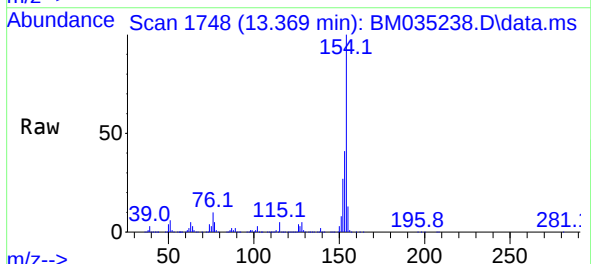
Tgt Ion:172 Resp: 2897000  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.4 18.7 28.1

Manual Integrations  
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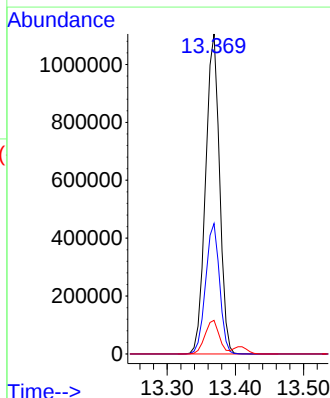
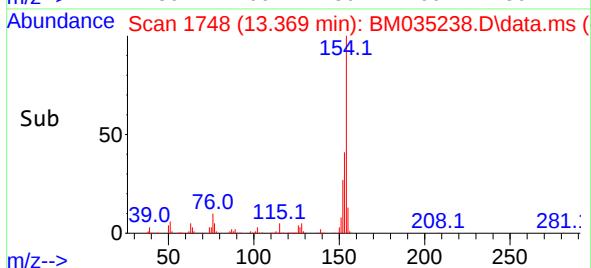
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

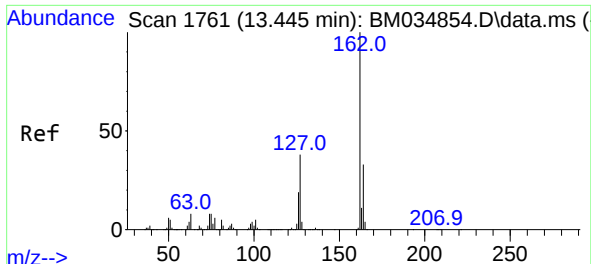


#46  
1,1'-Biphenyl  
Concen: 46.350 ng  
RT: 13.369 min Scan# 1748  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



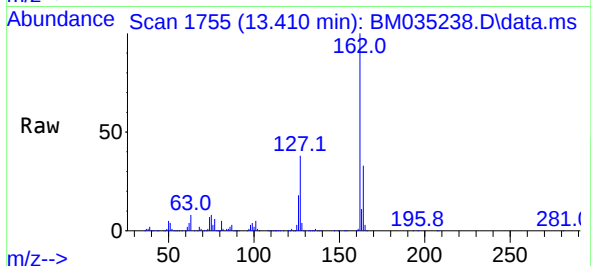
Tgt Ion:154 Resp: 1573183  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.5 60.5  
76 10.5 0.0 31.8





#47  
2-Chloronaphthalene  
Concen: 46.013 ng  
RT: 13.410 min Scan# 1761  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

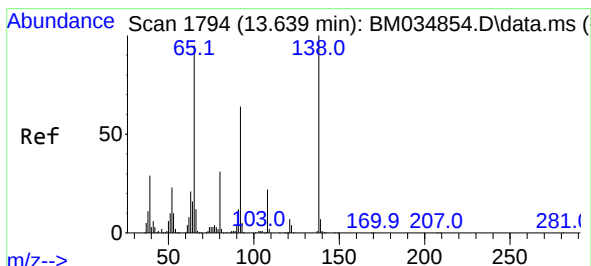
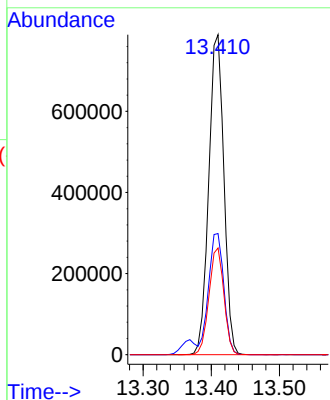
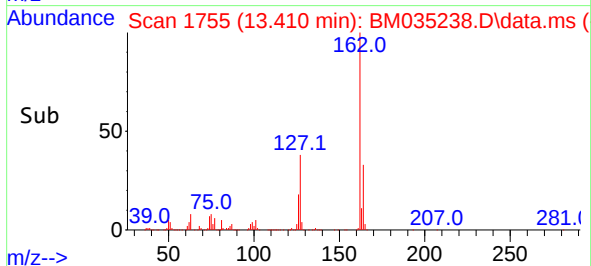
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



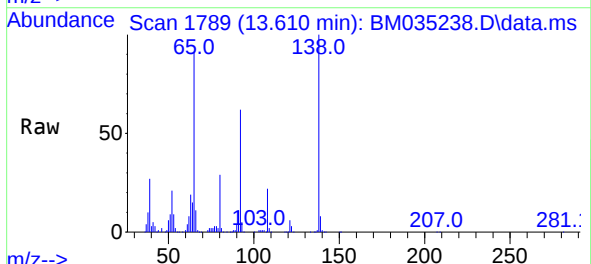
Tgt Ion:162 Resp: 1217098  
Ion Ratio Lower Upper  
162 100  
127 37.8 30.6 45.8  
164 33.4 26.6 39.8

Manual Integrations  
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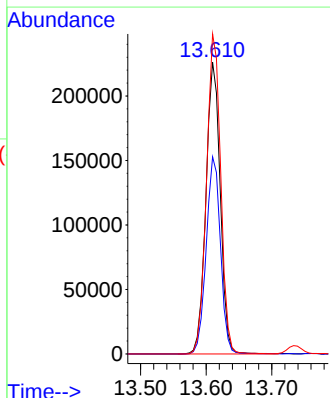
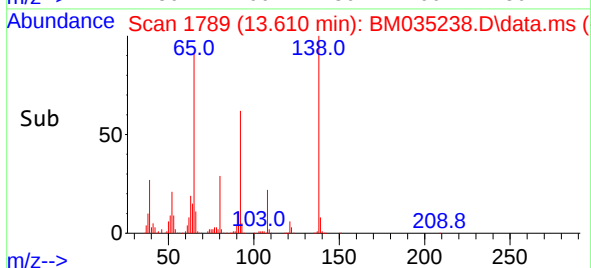
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

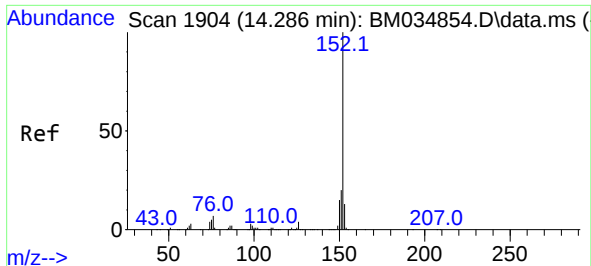


#48  
2-Nitroaniline  
Concen: 45.153 ng  
RT: 13.610 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



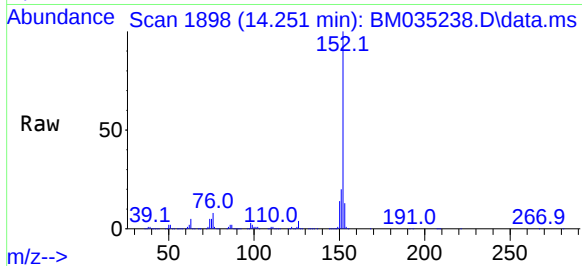
Tgt Ion: 65 Resp: 343575  
Ion Ratio Lower Upper  
65 100  
92 67.6 53.7 80.5  
138 109.7 83.9 125.9





#49  
Acenaphthylene  
Concen: 48.098 ng  
RT: 14.251 min Scan# 1898  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

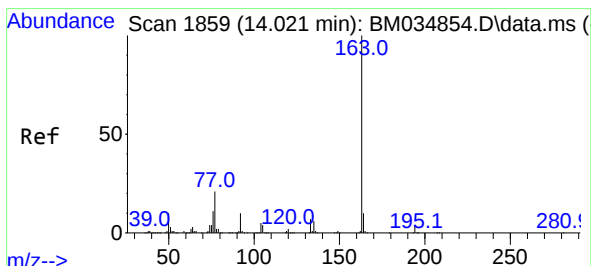
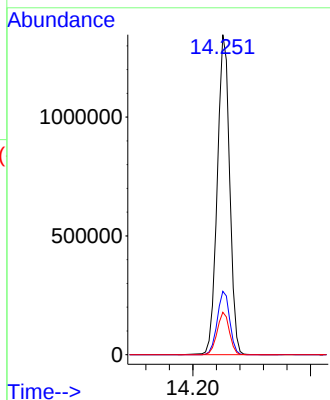
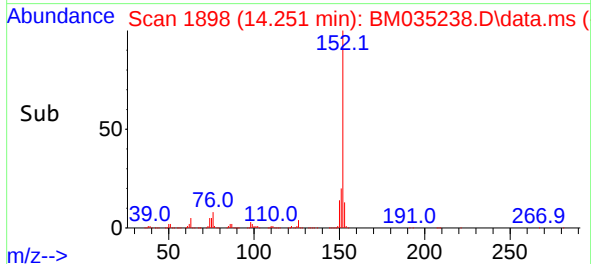
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



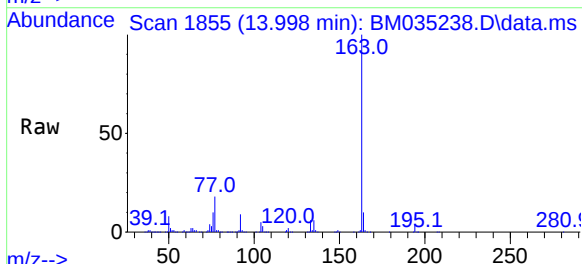
Tgt Ion:152 Resp: 1958719  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.2 24.2  
153 13.2 10.5 15.7

Manual Integrations  
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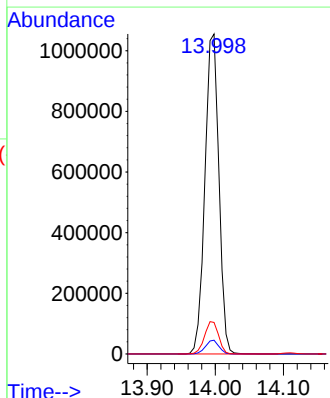
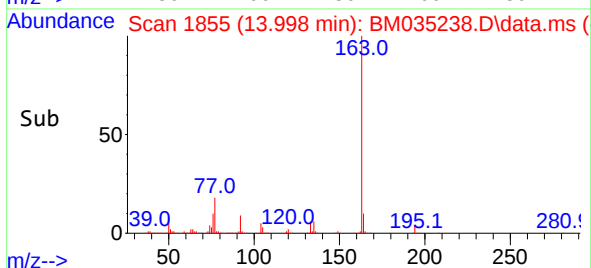
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

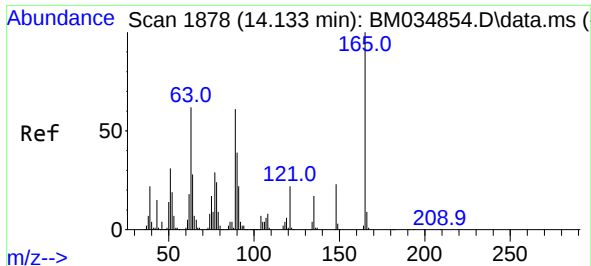


#50  
Dimethylphthalate  
Concen: 44.735 ng  
RT: 13.998 min Scan# 1855  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



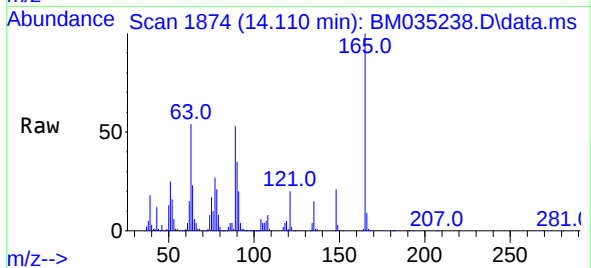
Tgt Ion:163 Resp: 1502588  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.0 4.4  
164 9.8 8.4 12.6





#51  
2,6-Dinitrotoluene  
Concen: 49.045 ng  
RT: 14.110 min Scan# 1878  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

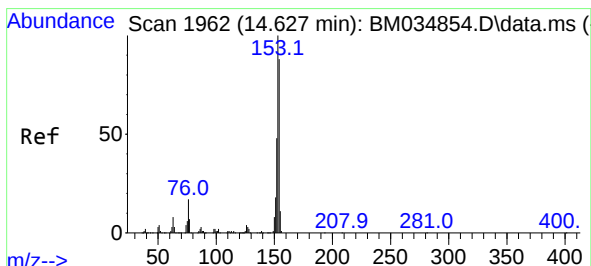
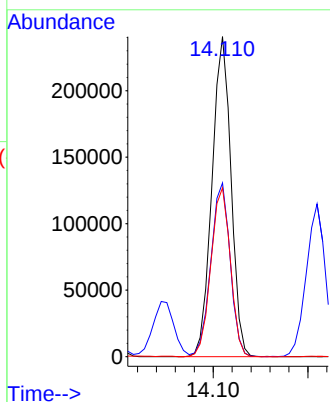
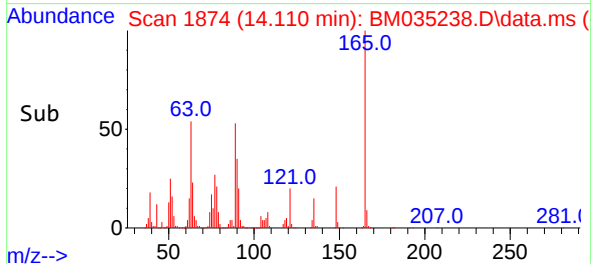
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



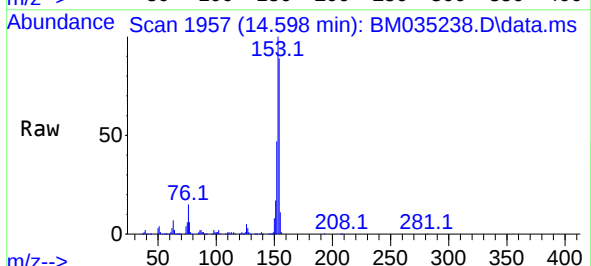
Tgt Ion:165 Resp: 335400  
Ion Ratio Lower Upper  
165 100  
63 54.3 50.2 75.2  
89 52.8 48.4 72.6

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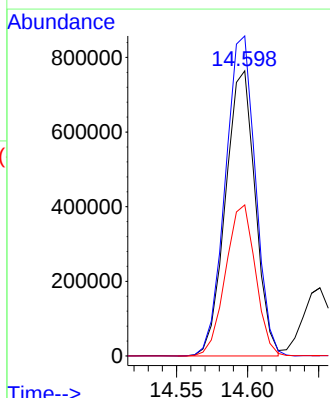
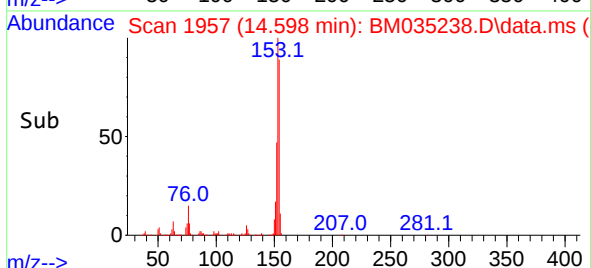
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

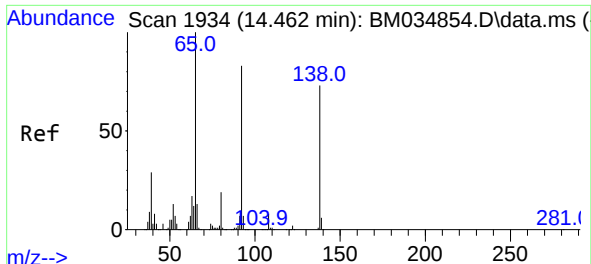


#52  
Acenaphthene  
Concen: 40.286 ng  
RT: 14.598 min Scan# 1957  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



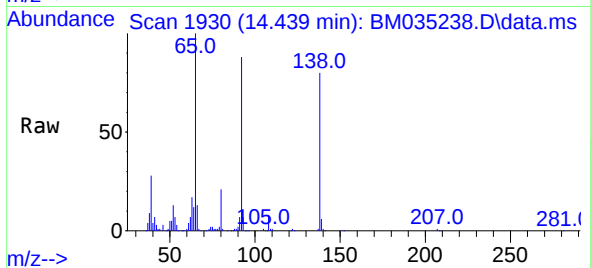
Tgt Ion:154 Resp: 1111541  
Ion Ratio Lower Upper  
154 100  
153 112.2 91.0 136.6  
152 53.0 43.4 65.2





#53  
3-Nitroaniline  
Concen: 27.276 ng  
RT: 14.439 min Scan# 1934  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

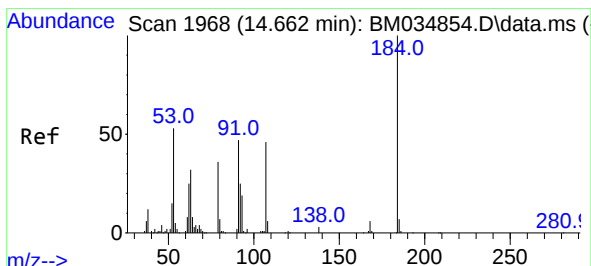
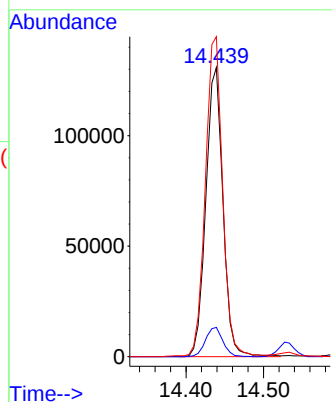
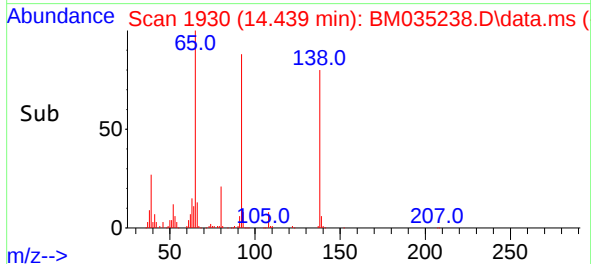
Instrument :  
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ClientSampleId :  
PB144970BSD



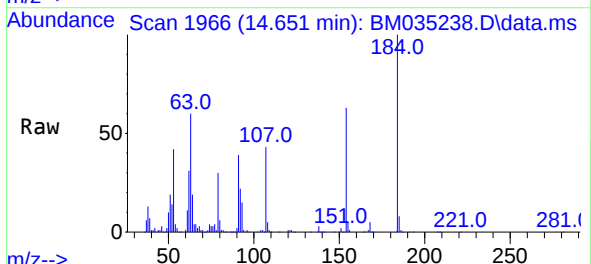
Tgt Ion:138 Resp: 20012  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.7 13.1  
92 110.7 91.5 137.3

Manual Integrations  
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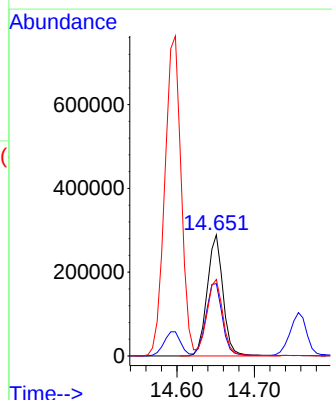
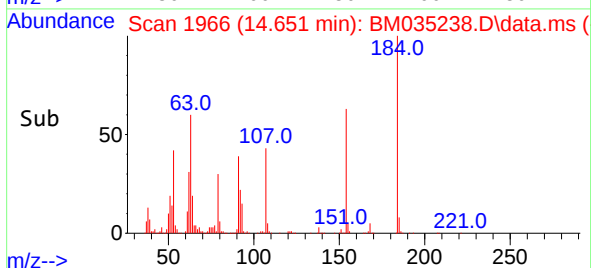
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#54  
2,4-Dinitrophenol  
Concen: 101.905 ng  
RT: 14.651 min Scan# 1966  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



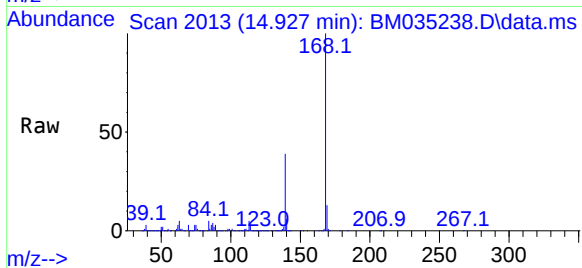
Tgt Ion:184 Resp: 409907  
Ion Ratio Lower Upper  
184 100  
63 59.7 59.5 89.3  
154 63.2 55.6 83.4





#55  
Dibenzenofuran  
Concen: 45.278 ng  
RT: 14.927 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

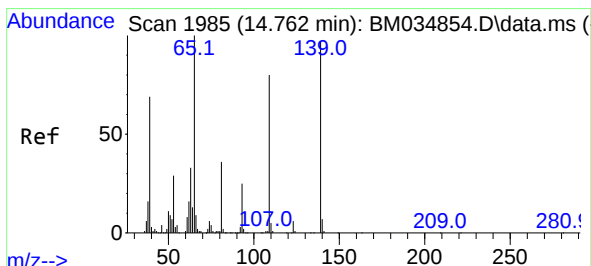
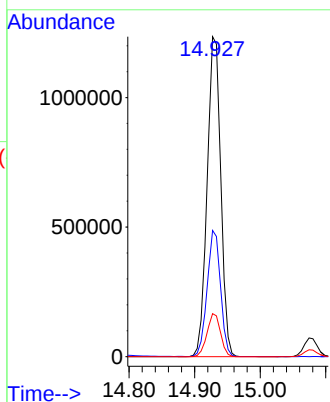
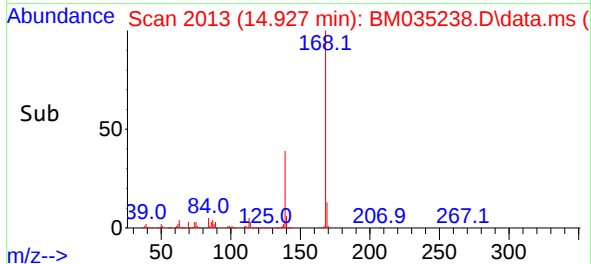
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



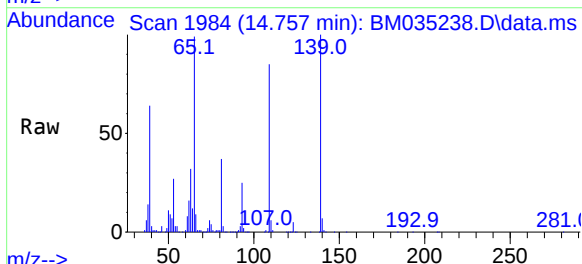
Tgt Ion:168 Resp: 178349  
Ion Ratio Lower Upper  
168 100  
139 39.4 32.2 48.2  
169 13.5 10.6 16.0

Manual Integrations  
APPROVED

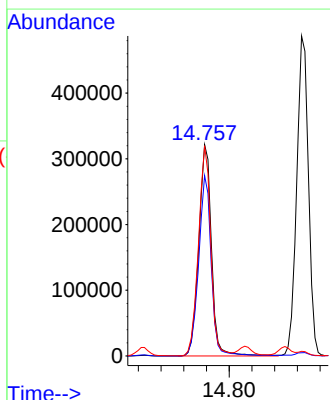
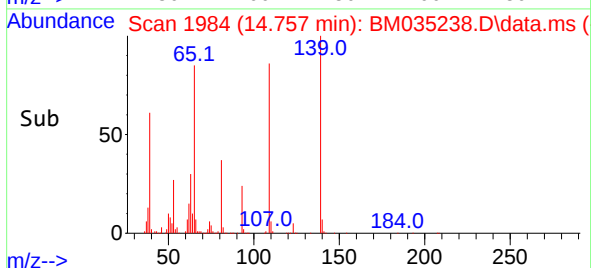
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

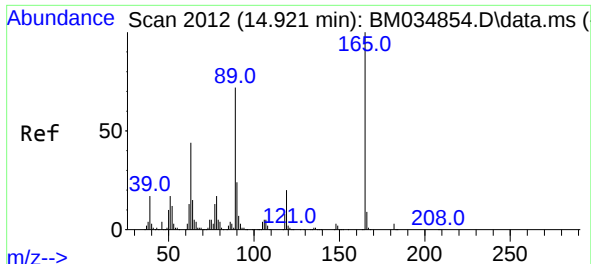


#56  
4-Nitrophenol  
Concen: 83.409 ng  
RT: 14.757 min Scan# 1984  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



Tgt Ion:139 Resp: 499870  
Ion Ratio Lower Upper  
139 100  
109 85.3 62.5 102.5  
65 99.5 83.5 123.5





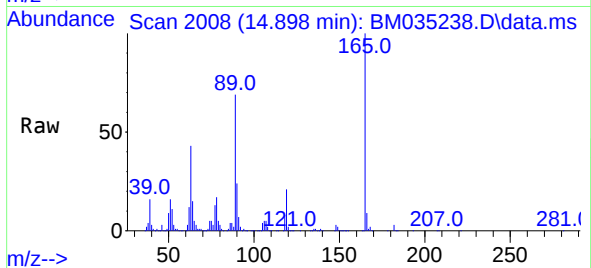
#57  
2,4-Dinitrotoluene  
Concen: 47.814 ng  
RT: 14.898 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Instrument :

BNA\_M

ClientSampleId :

PB144970BSD

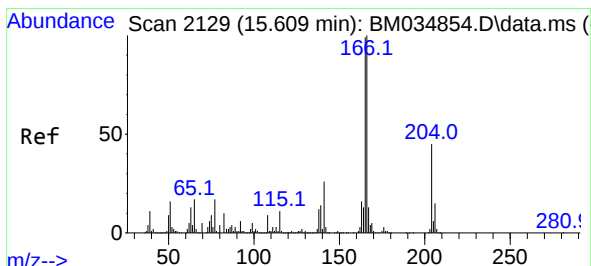
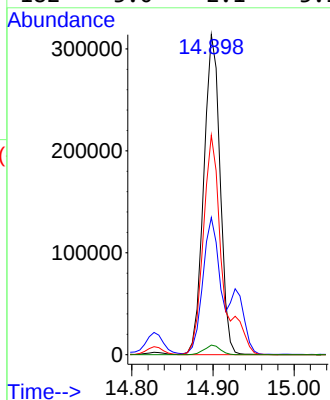
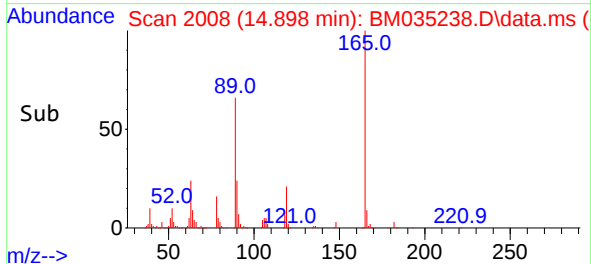


Tgt Ion:165 Resp: 438290  
Ion Ratio Lower Upper  
165 100  
63 42.8 35.6 53.4  
89 68.5 57.3 85.9  
182 3.0 2.1 3.1

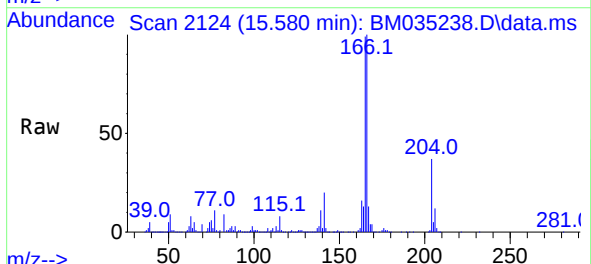
Manual Integrations

APPROVED

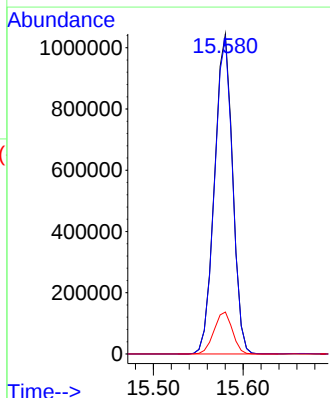
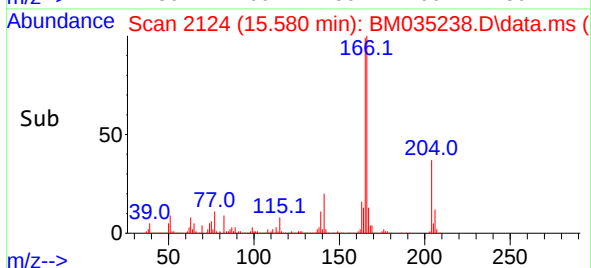
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

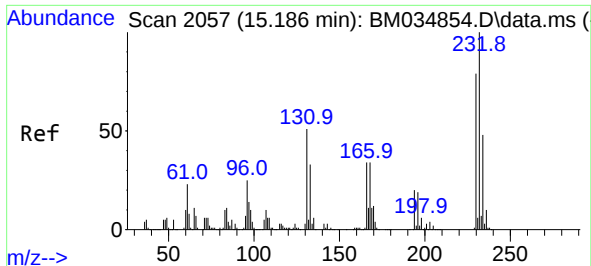


#58  
Fluorene  
Concen: 44.589 ng  
RT: 15.580 min Scan# 2124  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



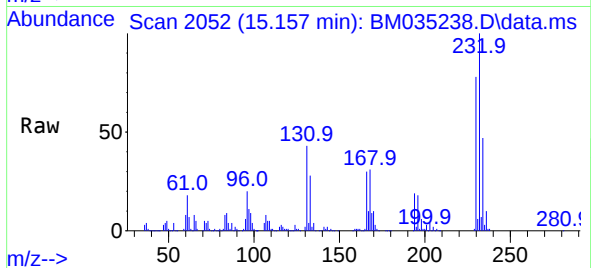
Tgt Ion:166 Resp: 1458919  
Ion Ratio Lower Upper  
166 100  
165 98.8 79.4 119.2  
167 13.1 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.602 ng  
RT: 15.157 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

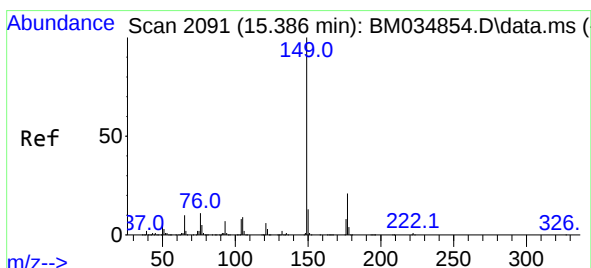
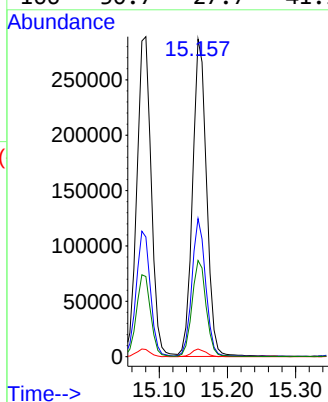
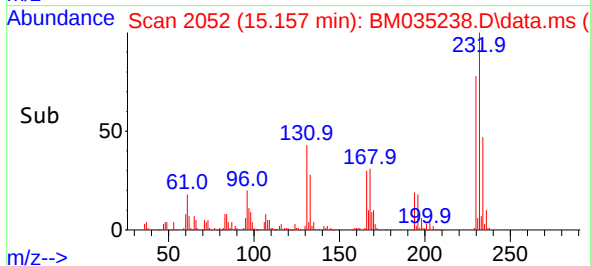
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



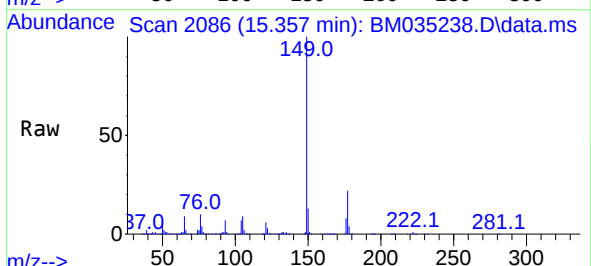
Tgt Ion:232 Resp: 406654  
Ion Ratio Lower Upper  
232 100  
131 43.0 41.0 61.6  
130 2.4 2.3 3.5  
166 30.7 27.7 41.5

Manual Integrations  
APPROVED

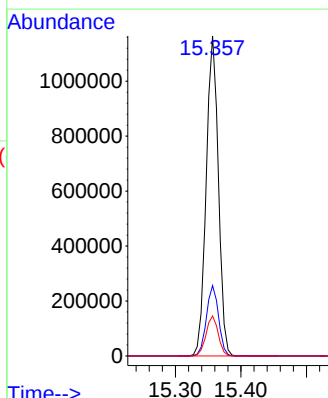
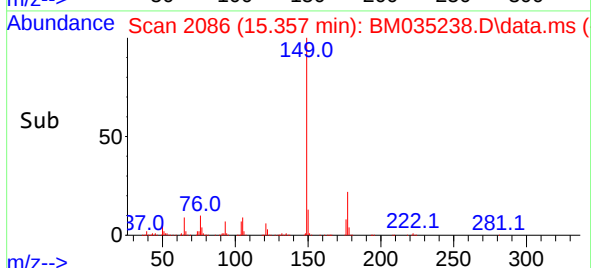
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

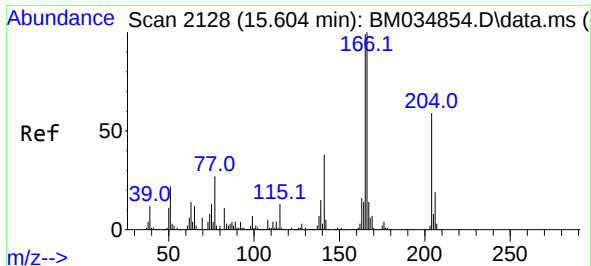


#60  
Diethylphthalate  
Concen: 43.908 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



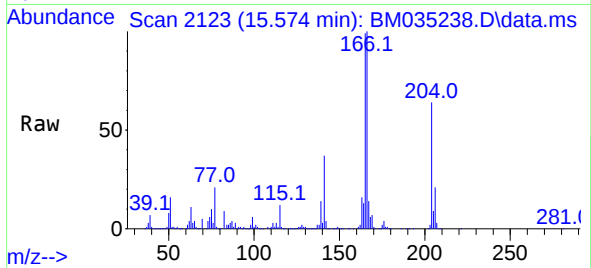
Tgt Ion:149 Resp: 1502122  
Ion Ratio Lower Upper  
149 100  
177 22.0 16.9 25.3  
150 12.5 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 50.364 ng  
RT: 15.574 min Scan# 2128  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

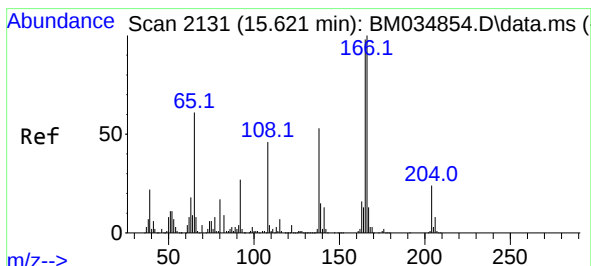
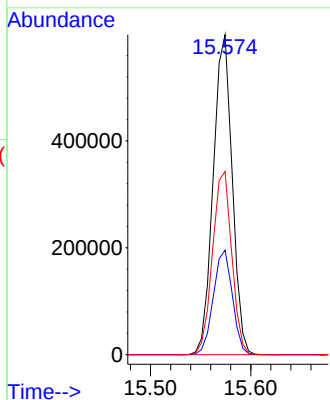
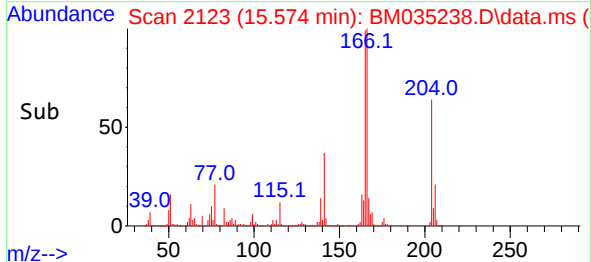
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



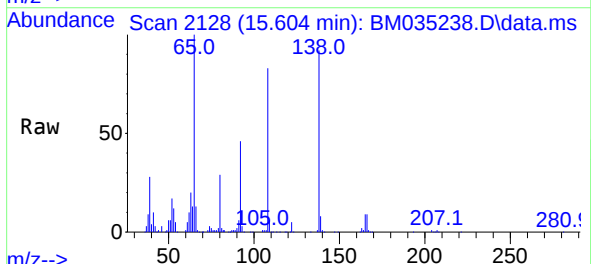
Tgt Ion:204 Resp: 788610  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.3 39.5  
141 57.3 51.2 76.8

Manual Integrations  
APPROVED

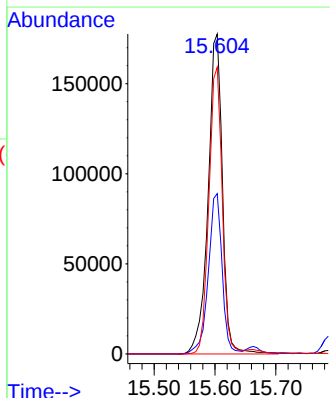
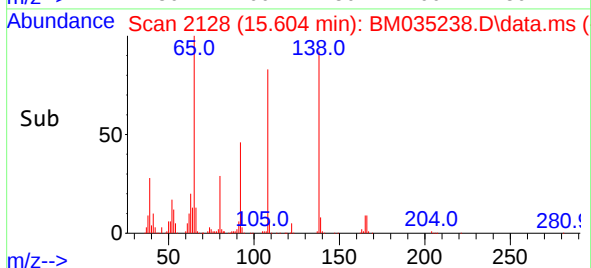
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

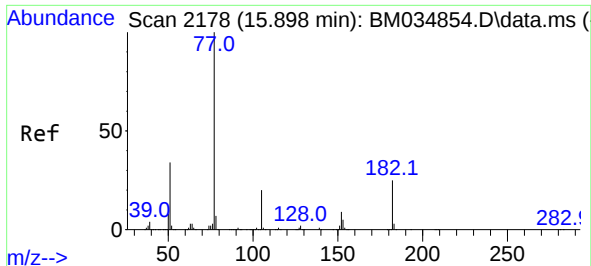


#62  
4-Nitroaniline  
Concen: 38.330 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



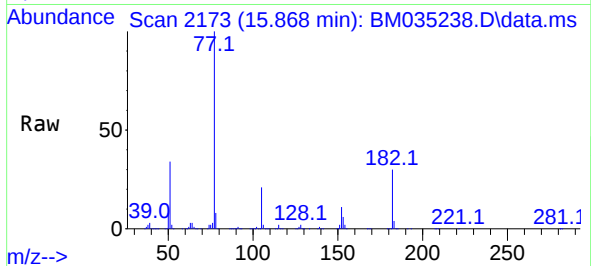
Tgt Ion:138 Resp: 291213  
Ion Ratio Lower Upper  
138 100  
92 50.1 30.8 70.8  
108 89.6 65.7 105.7





#63  
Azobenzene  
Concen: 40.537 ng  
RT: 15.868 min Scan# 2178  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

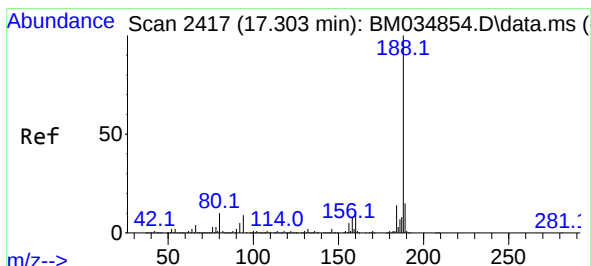
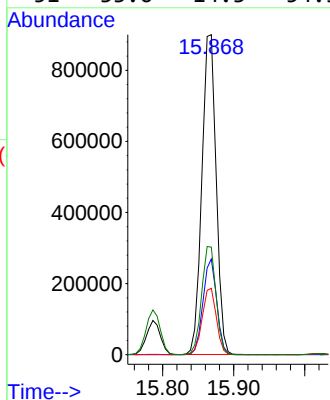
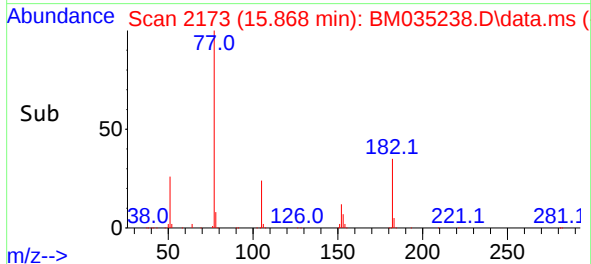
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



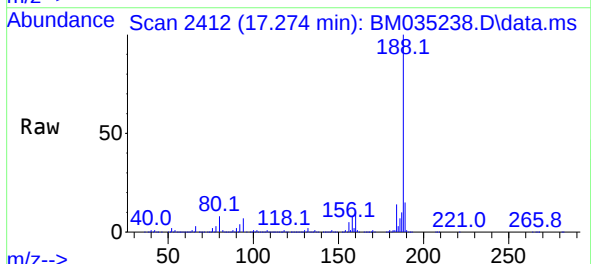
Tgt Ion: 77 Resp: 126485  
Ion Ratio Lower Upper  
77 100  
182 29.9 4.9 44.9  
105 20.8 0.0 39.6  
51 33.6 14.3 54.3

Manual Integrations  
APPROVED

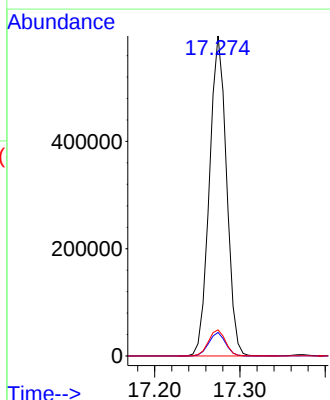
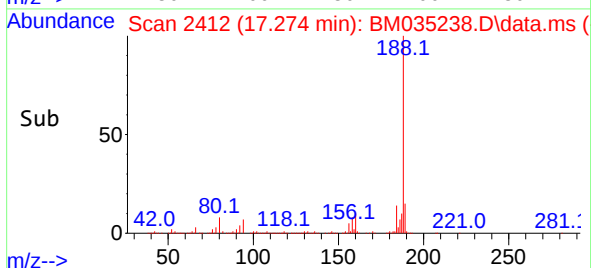
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

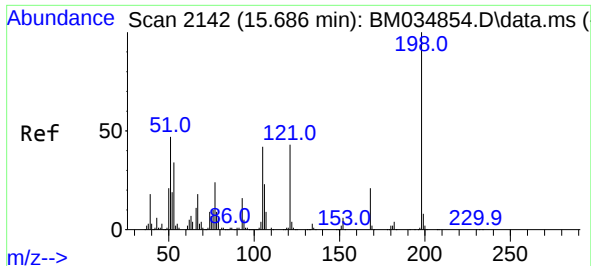


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.274 min Scan# 2412  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



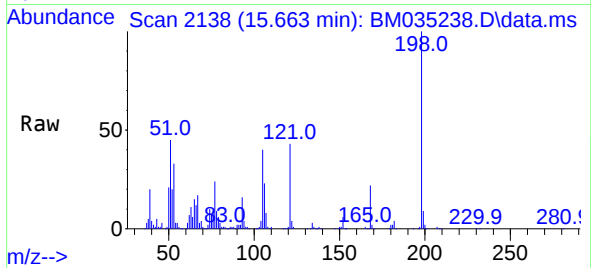
Tgt Ion:188 Resp: 832250  
Ion Ratio Lower Upper  
188 100  
94 7.4 7.0 10.4  
80 8.1 7.6 11.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.096 ng  
RT: 15.663 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

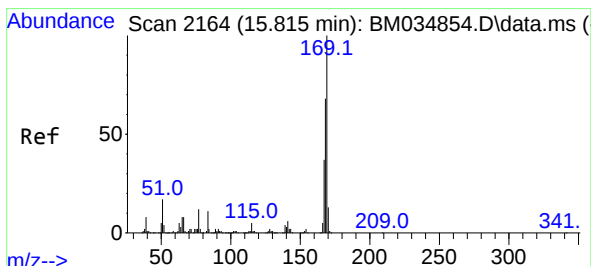
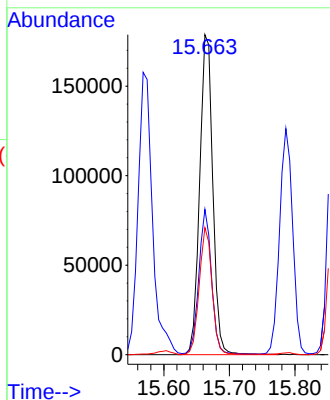
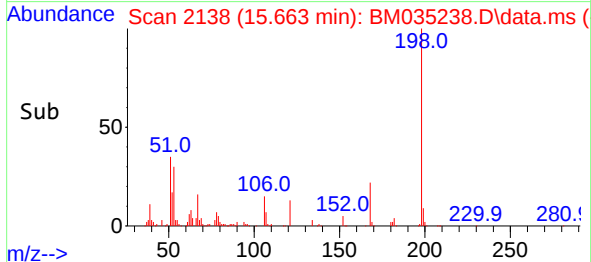
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



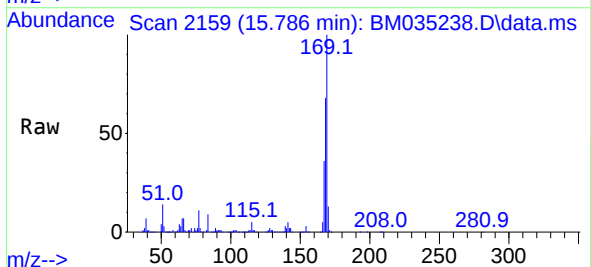
Tgt Ion:198 Resp: 24923  
Ion Ratio Lower Upper  
198 100  
51 45.4 29.0 69.0  
105 39.7 22.1 62.1

Manual Integrations  
APPROVED

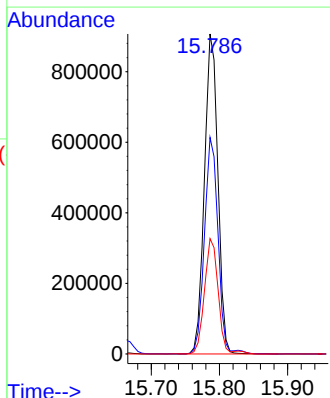
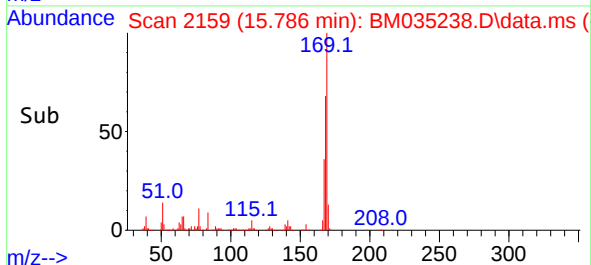
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

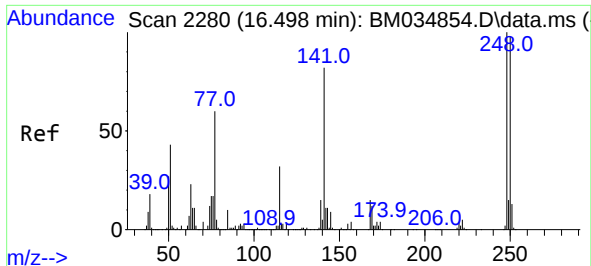


#66  
n-Nitrosodiphenylamine  
Concen: 49.305 ng  
RT: 15.786 min Scan# 2159  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



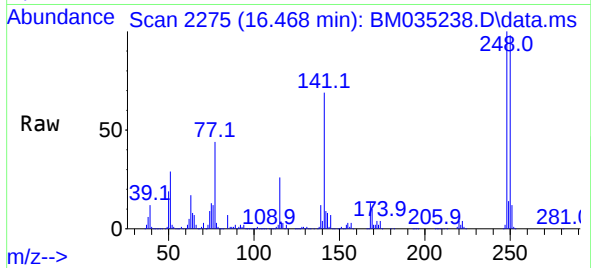
Tgt Ion:169 Resp: 1243607  
Ion Ratio Lower Upper  
169 100  
168 67.6 54.3 81.5  
167 36.1 29.4 44.0





#67  
4-Bromophenyl-phenylether  
Concen: 55.312 ng  
RT: 16.468 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

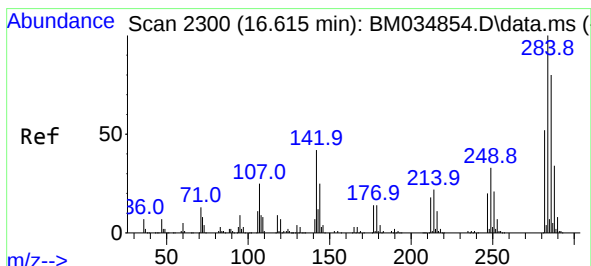
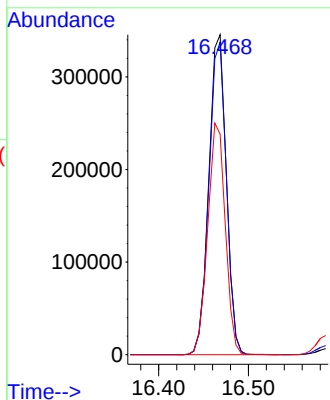
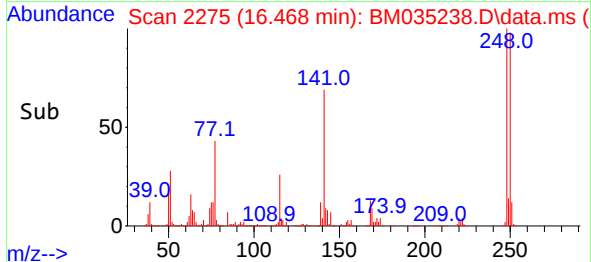
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



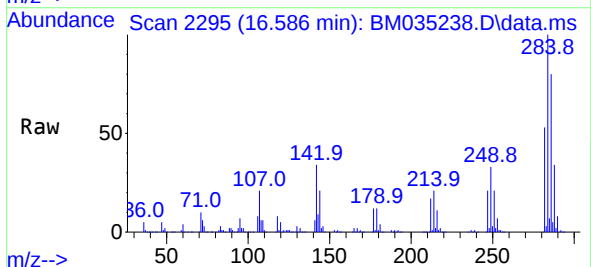
Tgt Ion:248 Resp: 467930  
Ion Ratio Lower Upper  
248 100  
250 97.7 78.0 117.0  
141 68.9 66.0 99.0

Manual Integrations  
APPROVED

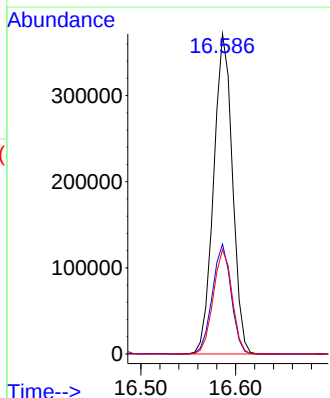
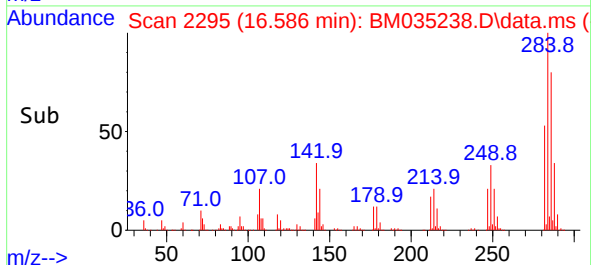
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

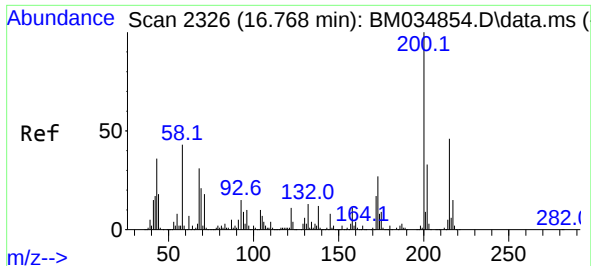


#68  
Hexachlorobenzene  
Concen: 53.718 ng  
RT: 16.586 min Scan# 2295  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



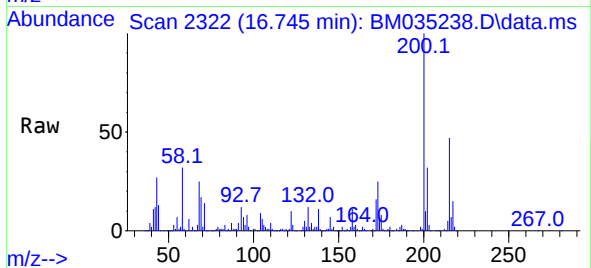
Tgt Ion:284 Resp: 513071  
Ion Ratio Lower Upper  
284 100  
142 34.4 33.6 50.4  
249 32.6 26.2 39.2





#69  
Atrazine  
Concen: 52.544 ng  
RT: 16.745 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

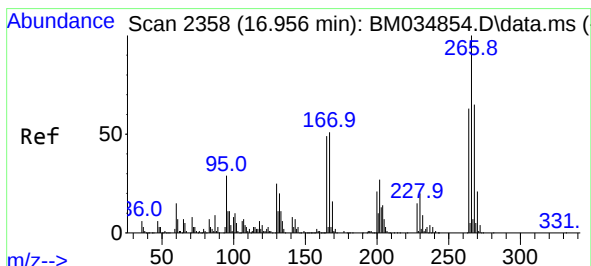
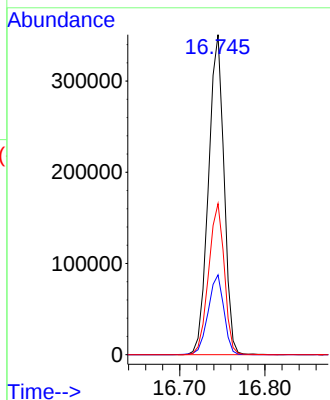
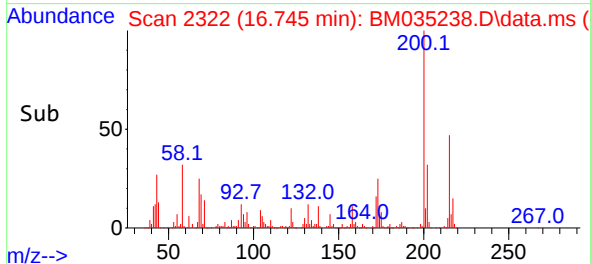
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



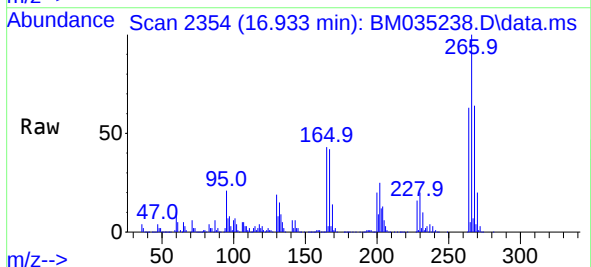
Tgt Ion:200 Resp: 444930  
Ion Ratio Lower Upper  
200 100  
173 25.0 6.6 46.6  
215 47.2 26.2 66.2

Manual Integrations  
APPROVED

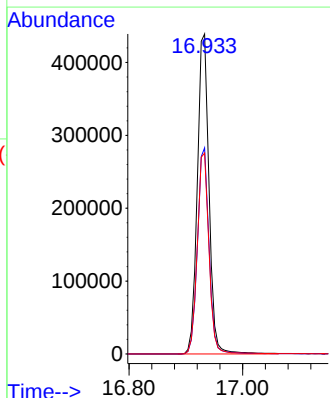
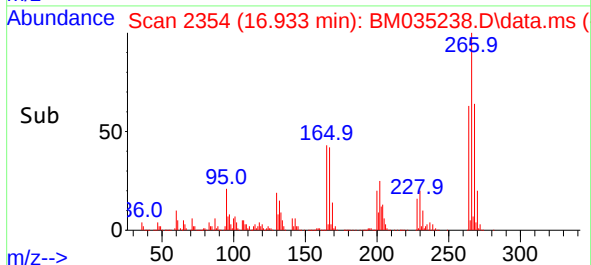
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

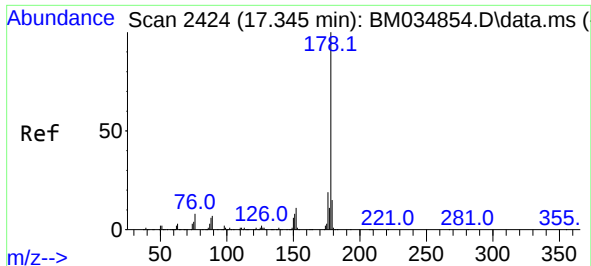


#70  
Pentachlorophenol  
Concen: 105.203 ng  
RT: 16.933 min Scan# 2354  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



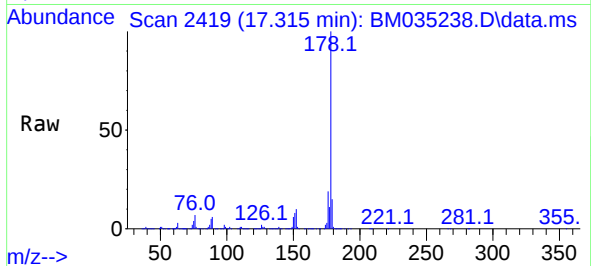
Tgt Ion:266 Resp: 629574  
Ion Ratio Lower Upper  
266 100  
268 64.4 51.9 77.9  
264 62.8 50.6 76.0





#71  
Phenanthrene  
Concen: 45.371 ng  
RT: 17.315 min Scan# 2419  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

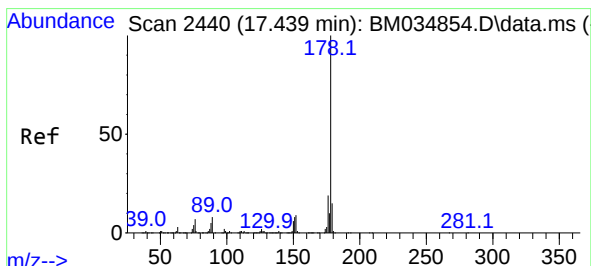
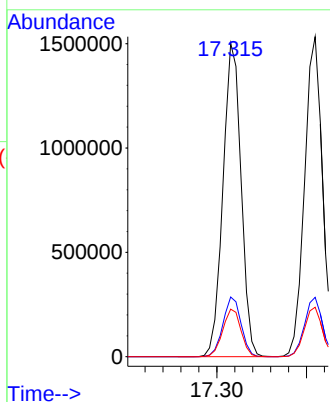
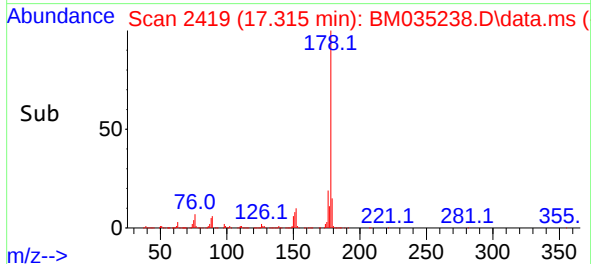
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



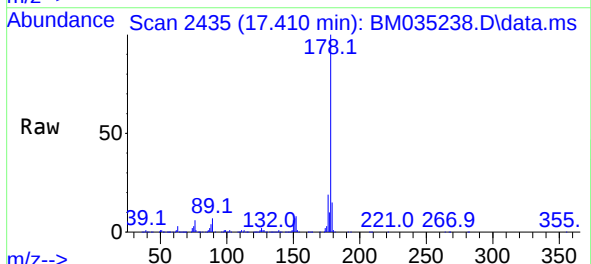
Tgt Ion:178 Resp: 2104464  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 15.1 12.4 18.6

Manual Integrations  
APPROVED

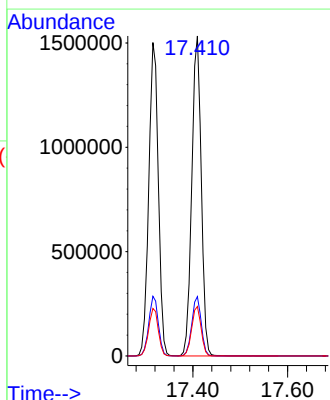
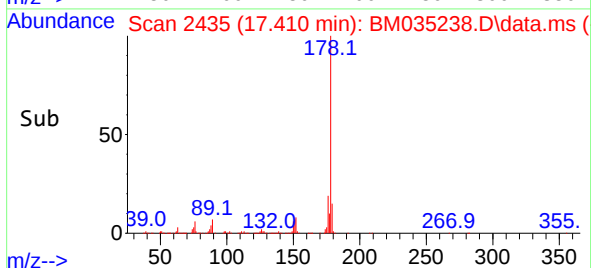
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

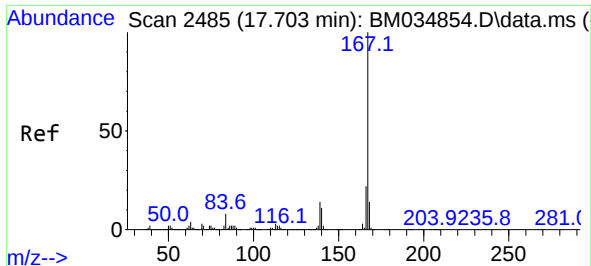


#72  
Anthracene  
Concen: 47.458 ng  
RT: 17.410 min Scan# 2435  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



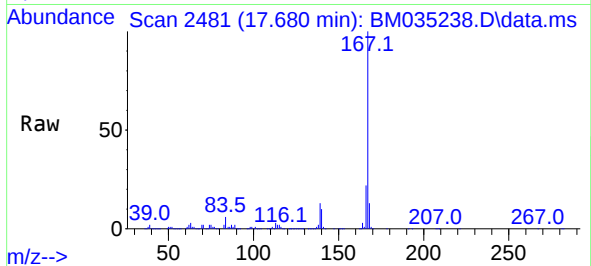
Tgt Ion:178 Resp: 2125542  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.4  
179 15.4 12.2 18.2





#73  
 Carbazole  
 Concen: 44.253 ng  
 RT: 17.680 min Scan# 2485  
 Delta R.T. 0.006 min  
 Lab File: BM035238.D  
 Acq: 25 May 2022 11:54

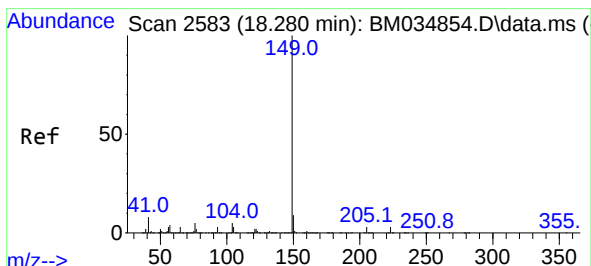
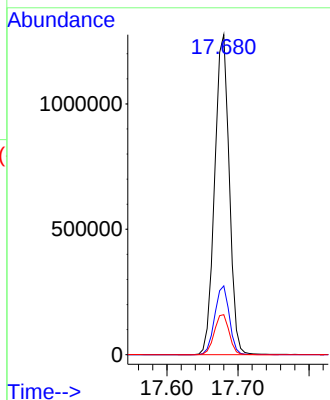
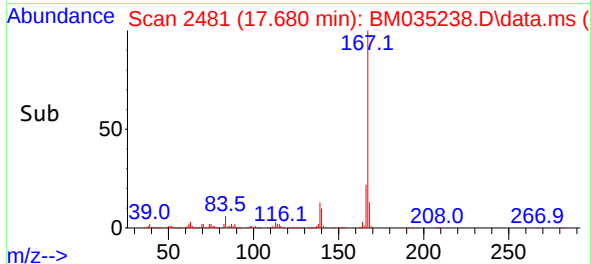
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144970BSD



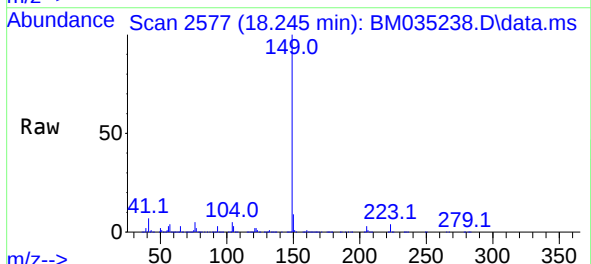
Tgt Ion:167 Resp: 181015  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.8 26.8  
 139 12.5 10.9 16.3

Manual Integrations  
 APPROVED

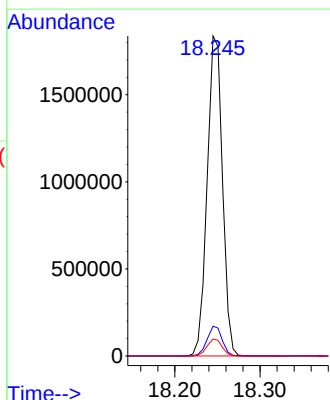
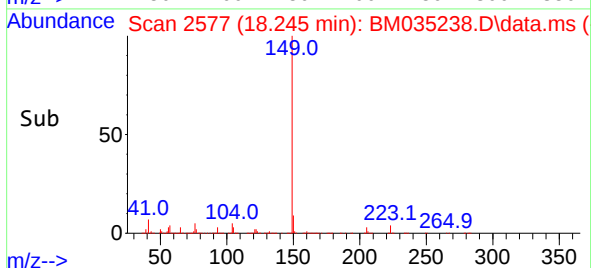
Reviewed By :Christian Giraldo 05/26/2022  
 Supervised By :Jagrut Upadhyay 05/26/2022

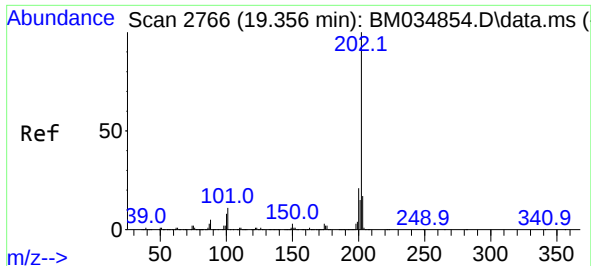


#74  
 Di-n-butylphthalate  
 Concen: 44.000 ng  
 RT: 18.245 min Scan# 2577  
 Delta R.T. 0.000 min  
 Lab File: BM035238.D  
 Acq: 25 May 2022 11:54



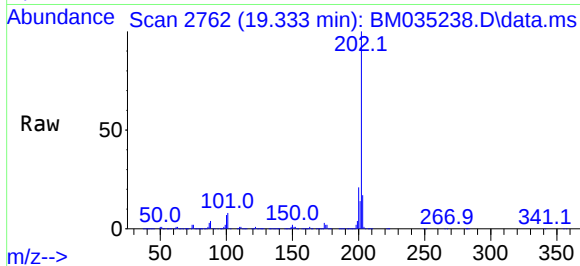
Tgt Ion:149 Resp: 2289956  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 5.3 4.3 6.5





#75  
Fluoranthene  
Concen: 43.141 ng  
RT: 19.333 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

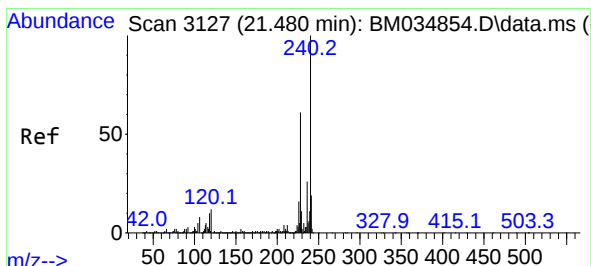
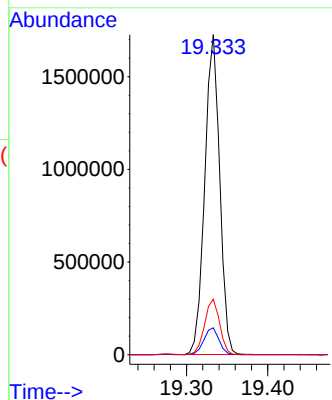
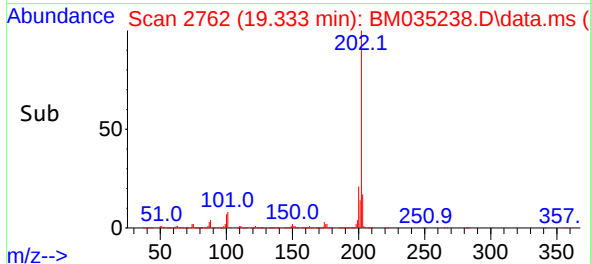
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



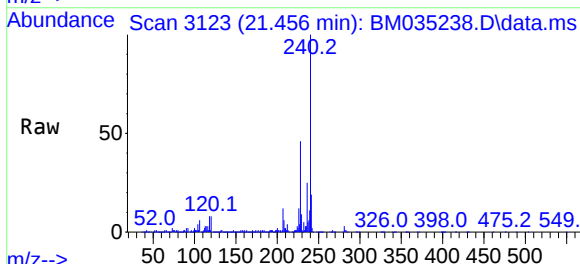
Tgt Ion:202 Resp: 2197250  
Ion Ratio Lower Upper  
202 100  
101 8.4 0.0 30.6  
203 17.3 0.0 37.4

Manual Integrations  
APPROVED

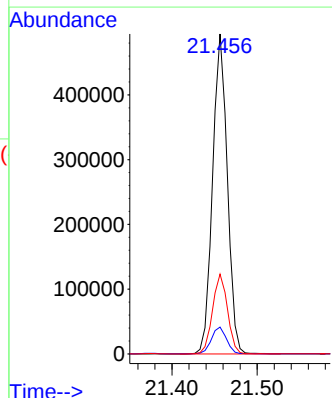
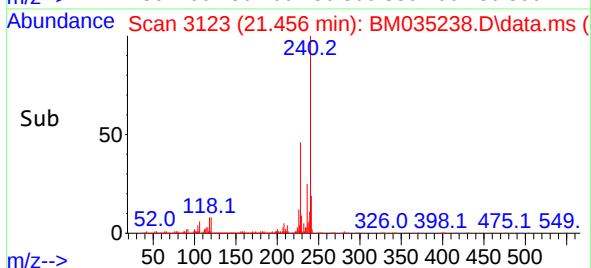
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

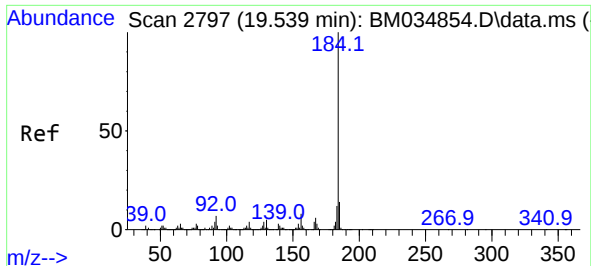


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.456 min Scan# 3123  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



Tgt Ion:240 Resp: 593383  
Ion Ratio Lower Upper  
240 100  
120 8.4 9.4 14.0#  
236 25.0 20.6 30.8





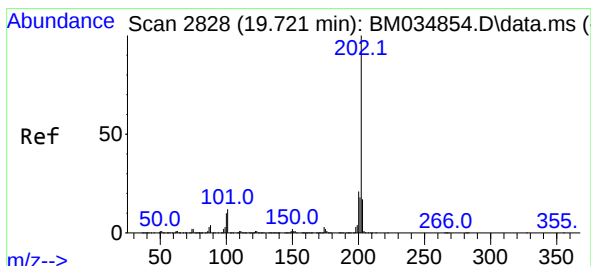
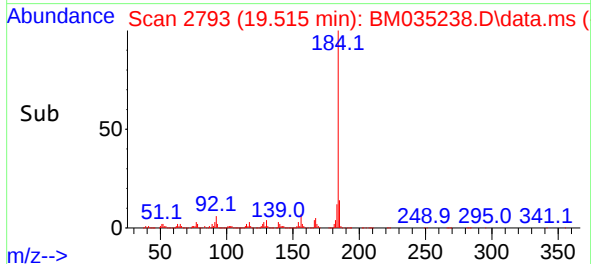
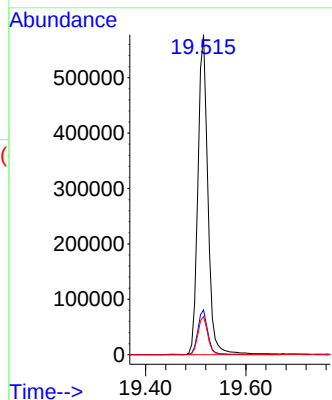
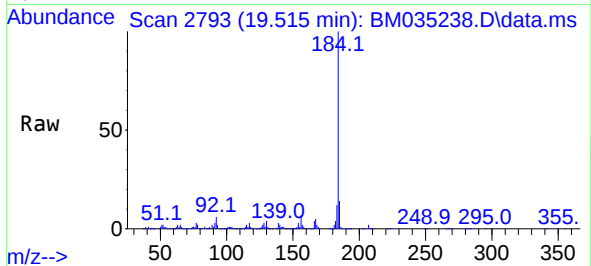
#77  
Benzidine  
Concen: 44.044 ng  
RT: 19.515 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD

Tgt Ion:184 Resp: 798409  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.3 16.9  
183 12.0 9.5 14.3

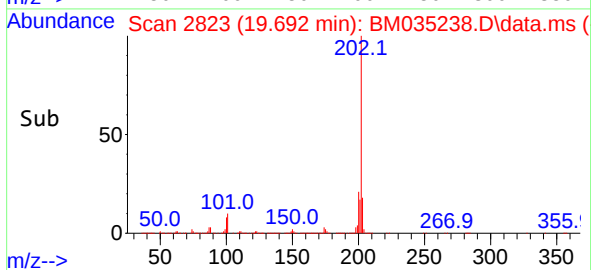
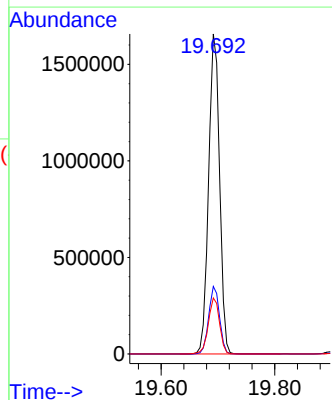
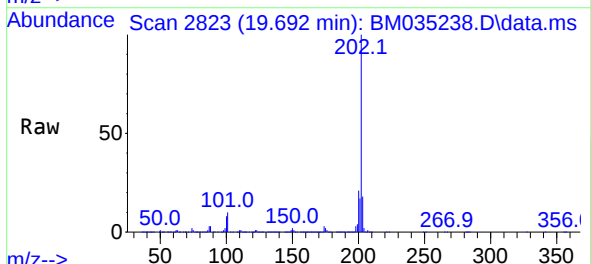
Manual Integrations  
APPROVED

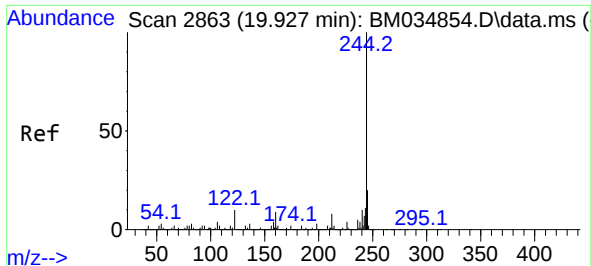
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#78  
Pyrene  
Concen: 56.138 ng  
RT: 19.692 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Tgt Ion:202 Resp: 2202860  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.7 25.1  
203 17.5 13.9 20.9





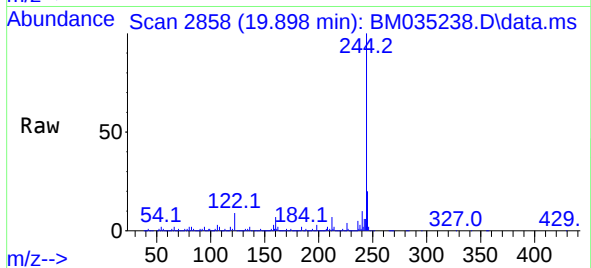
#79  
 Terphenyl-d14  
 Concen: 117.723 ng  
 RT: 19.898 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM035238.D  
 Acq: 25 May 2022 11:54

Instrument :

BNA\_M

ClientSampleId :

PB144970BSD

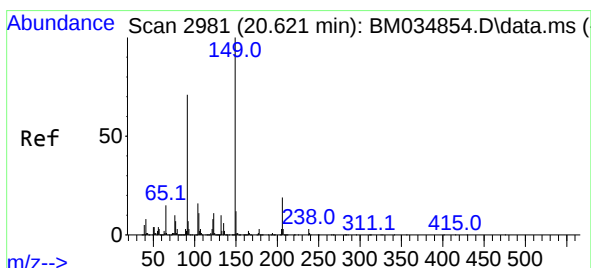
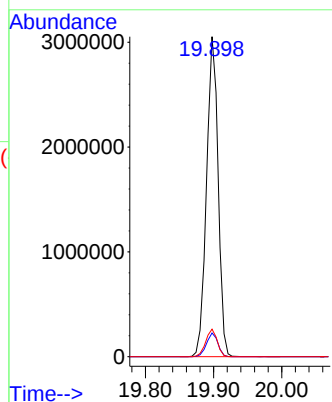
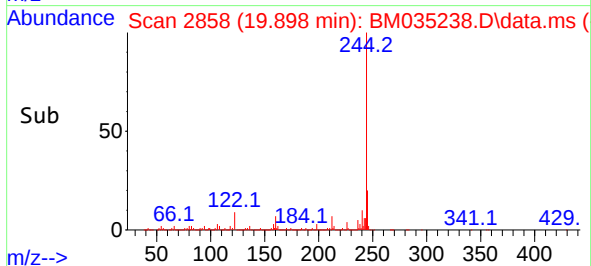


Tgt Ion:244 Resp: 3607809  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.4  
 122 8.6 8.3 12.5

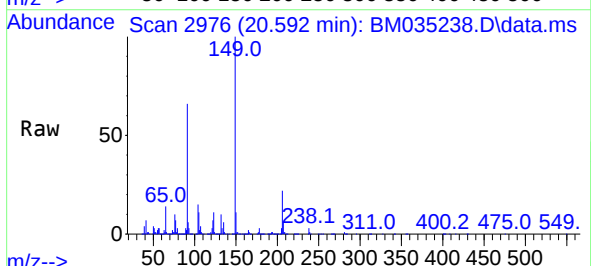
Manual Integrations

APPROVED

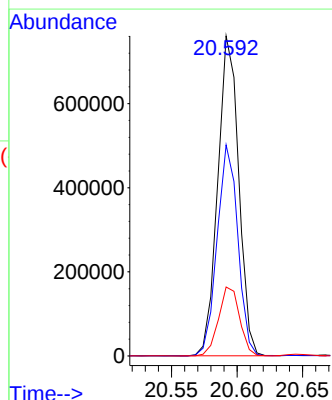
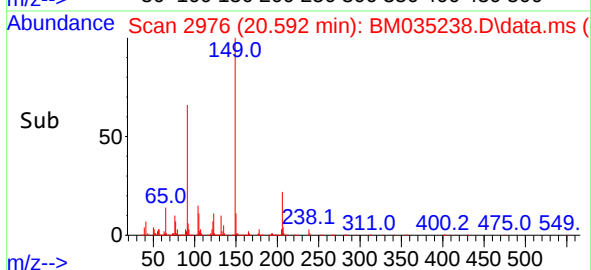
Reviewed By :Christian Giraldo 05/26/2022  
 Supervised By :Jagrut Upadhyay 05/26/2022

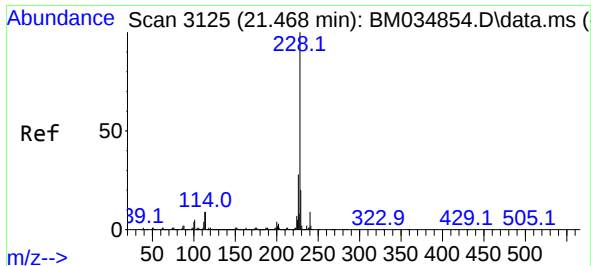


#80  
 Butylbenzylphthalate  
 Concen: 48.951 ng  
 RT: 20.592 min Scan# 2976  
 Delta R.T. 0.000 min  
 Lab File: BM035238.D  
 Acq: 25 May 2022 11:54



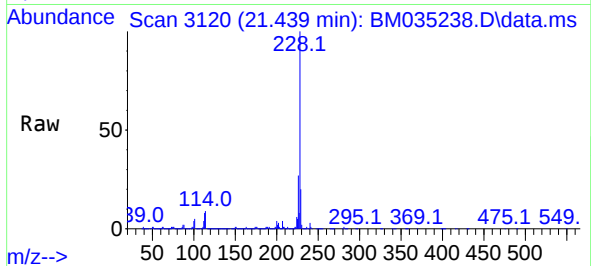
Tgt Ion:149 Resp: 843135  
 Ion Ratio Lower Upper  
 149 100  
 91 66.0 56.6 85.0  
 206 21.5 15.4 23.0





#81  
Benzo(a)anthracene  
Concen: 46.406 ng  
RT: 21.439 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

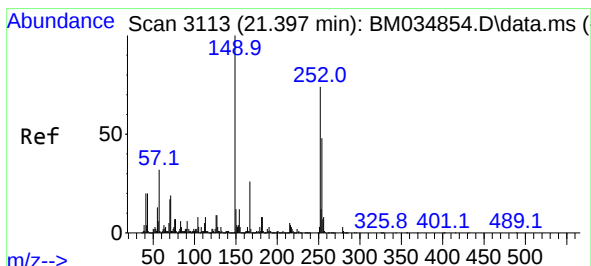
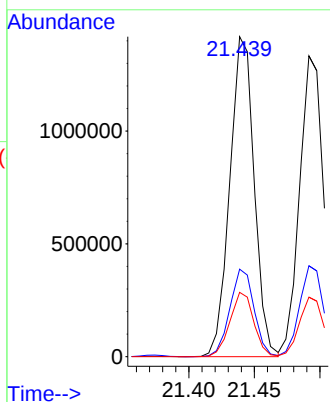
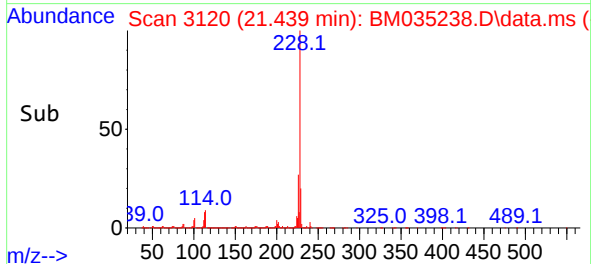
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



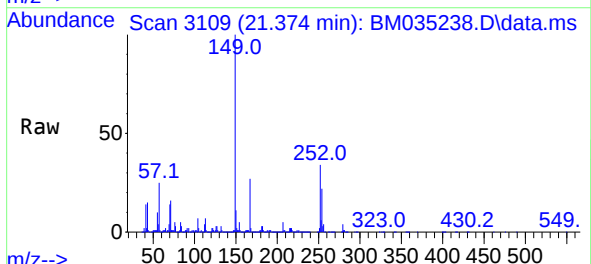
Tgt Ion:228 Resp: 1837430  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.3 33.5  
229 20.1 15.8 23.6

Manual Integrations  
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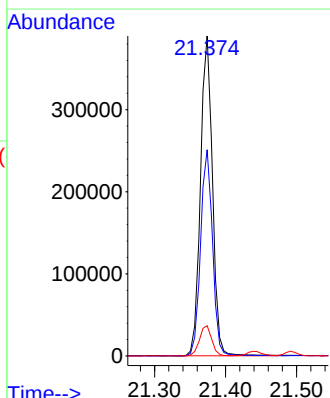
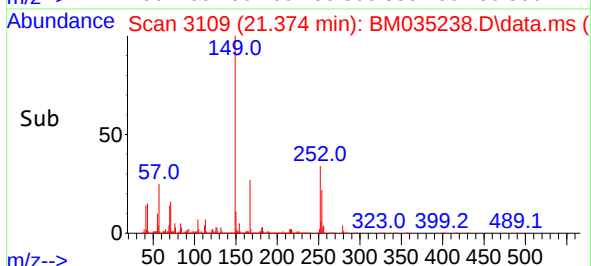
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

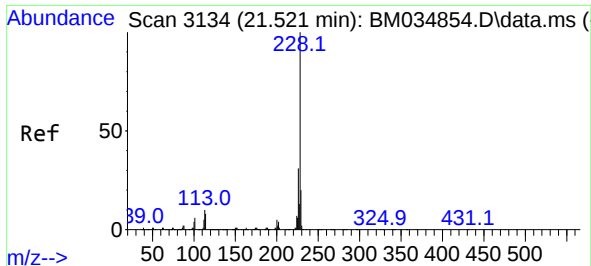


#82  
3,3'-Dichlorobenzidine  
Concen: 39.705 ng  
RT: 21.374 min Scan# 3109  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



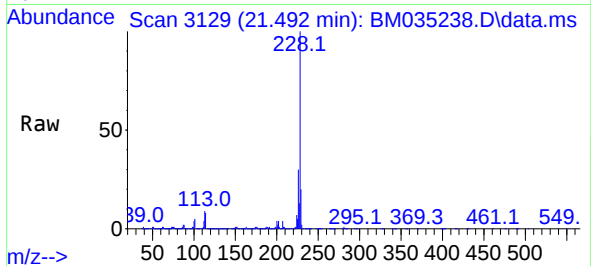
Tgt Ion:252 Resp: 458216  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.7 77.5  
126 9.5 9.4 14.0





#83  
Chrysene  
Concen: 44.451 ng  
RT: 21.492 min Scan# 3134  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

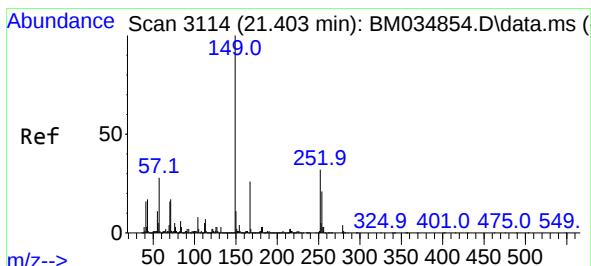
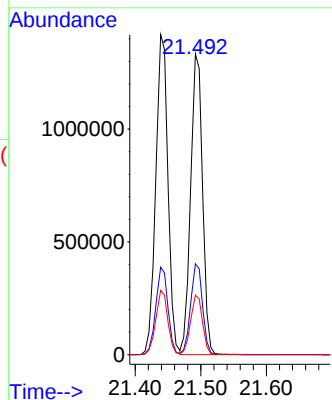
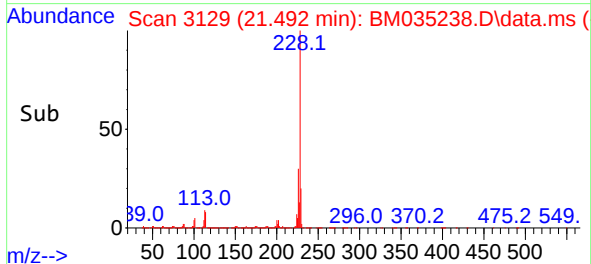
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



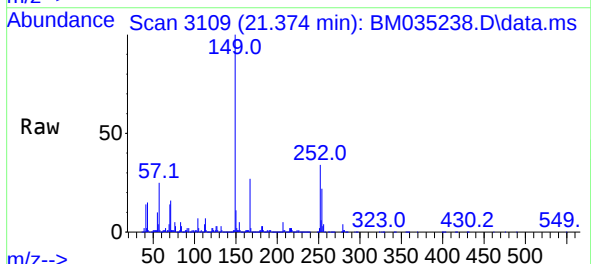
Tgt Ion:228 Resp: 168112  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.4 36.6  
229 19.8 15.8 23.8

Manual Integrations  
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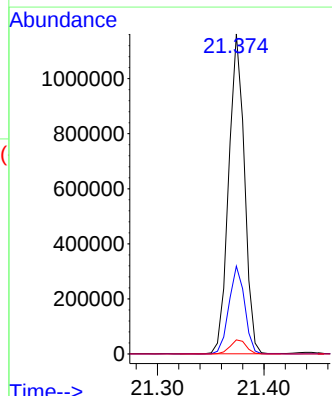
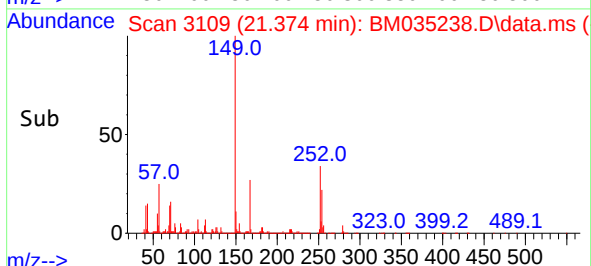
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

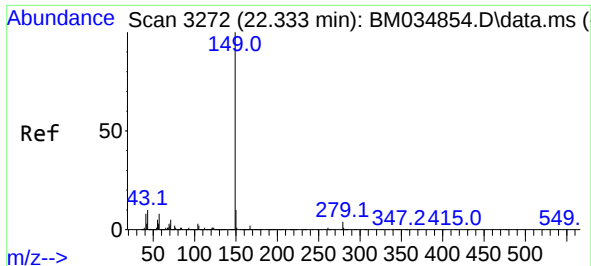


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.944 ng  
RT: 21.374 min Scan# 3109  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



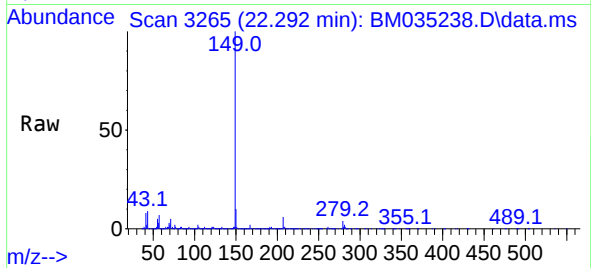
Tgt Ion:149 Resp: 1190362  
Ion Ratio Lower Upper  
149 100  
167 27.4 21.1 31.7  
279 4.4 2.8 4.2#





#85  
Di-n-octyl phthalate  
Concen: 40.905 ng  
RT: 22.292 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

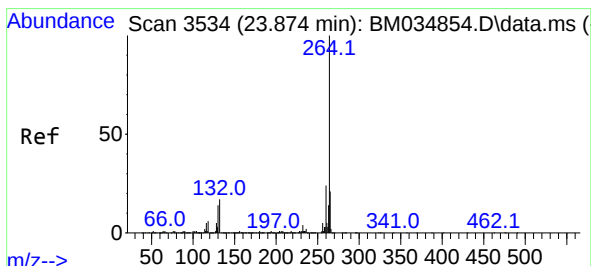
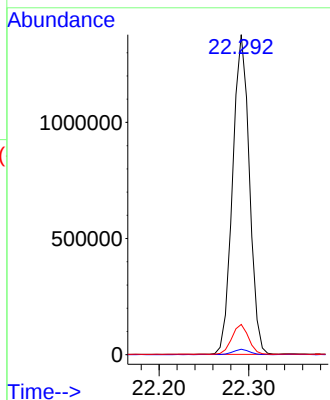
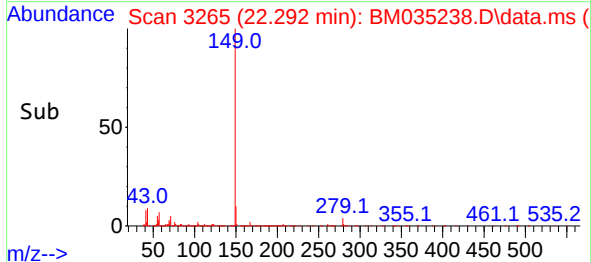
Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD



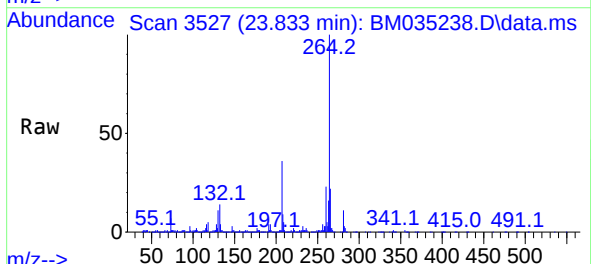
Tgt Ion:149 Resp: 178602  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.3 8.6 12.8

Manual Integrations  
APPROVED

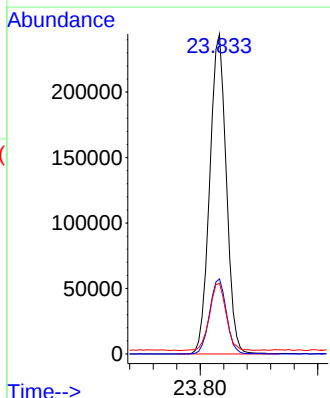
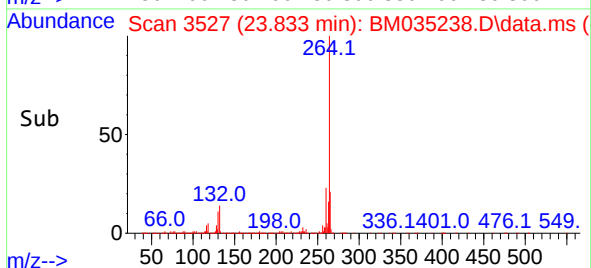
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022

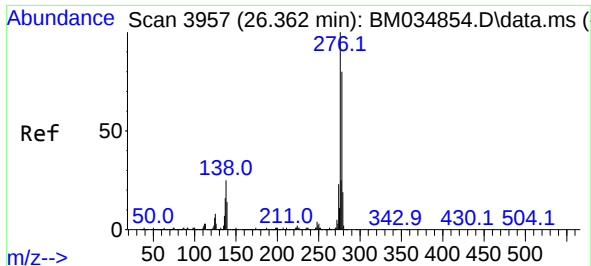


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.833 min Scan# 3527  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54



Tgt Ion:264 Resp: 478294  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.9 28.3  
265 22.1 17.5 26.3





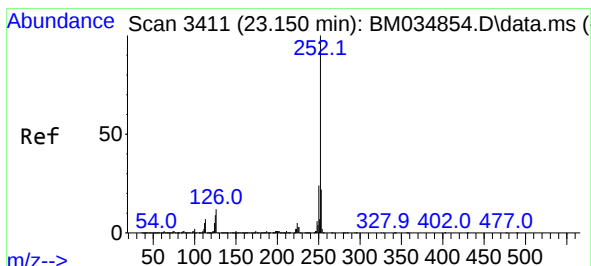
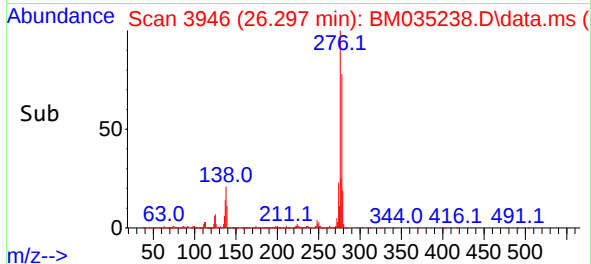
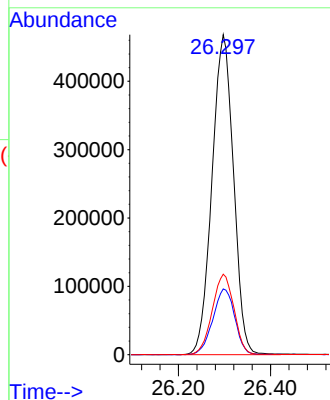
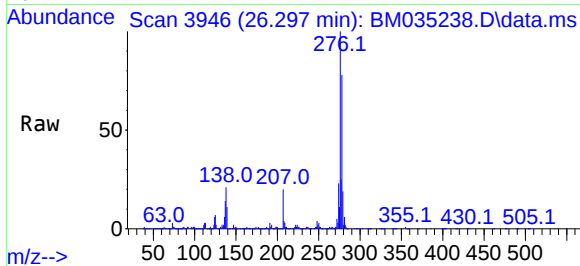
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.713 ng  
RT: 26.297 min Scan# 3405  
Delta R.T. -0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD

Tgt Ion:276 Resp: 1516860  
Ion Ratio Lower Upper  
276 100  
138 21.0 20.2 30.4  
277 25.4 20.2 30.2

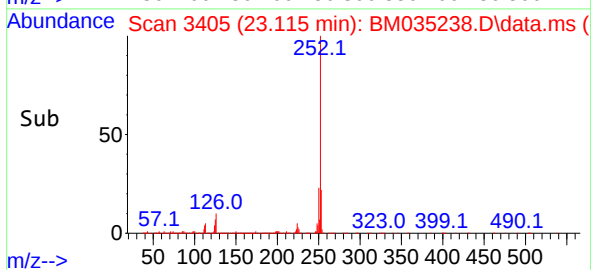
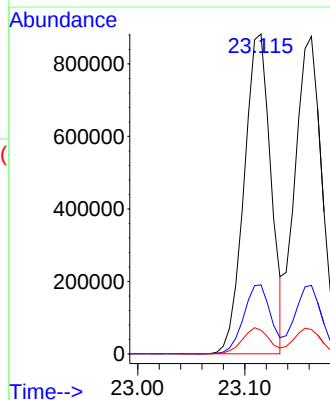
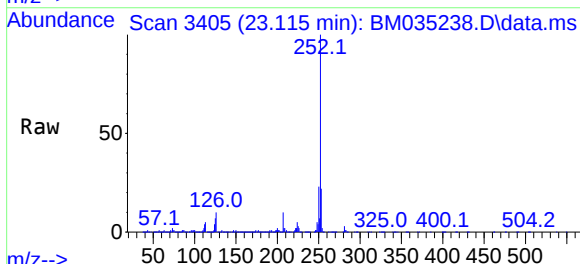
Manual Integrations  
APPROVED

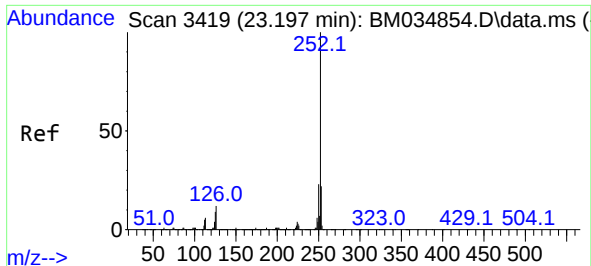
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#88  
Benzo(b)fluoranthene  
Concen: 50.817 ng m  
RT: 23.115 min Scan# 3405  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Tgt Ion:252 Resp: 1528707  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.6 26.4  
125 7.5 7.6 11.4#





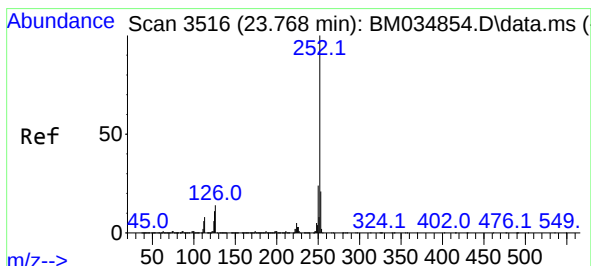
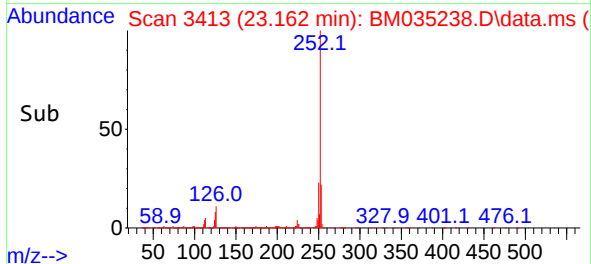
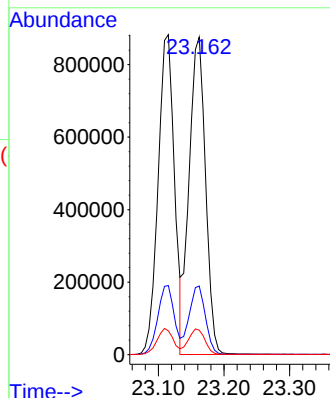
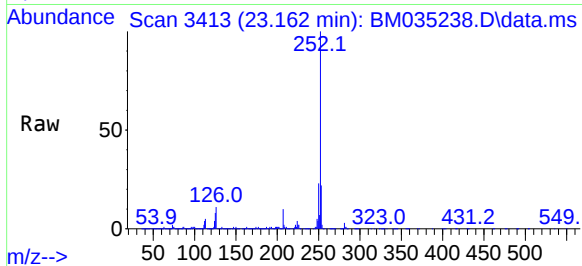
#89  
Benzo(k)fluoranthene  
Concen: 49.883 ng  
RT: 23.162 min Scan# 3419  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD

Tgt Ion:252 Resp: 151905  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 7.7 7.6 11.4

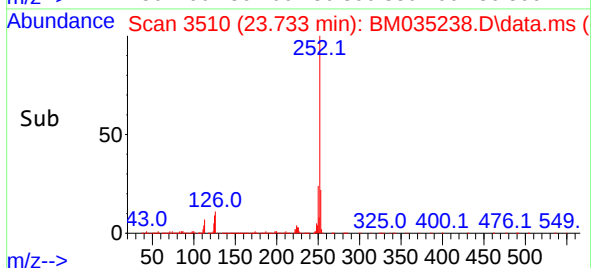
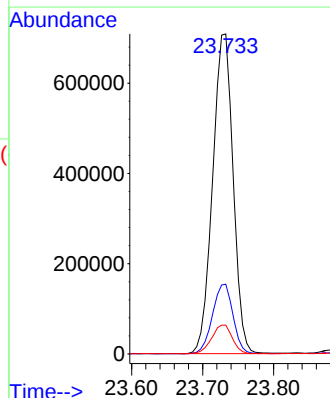
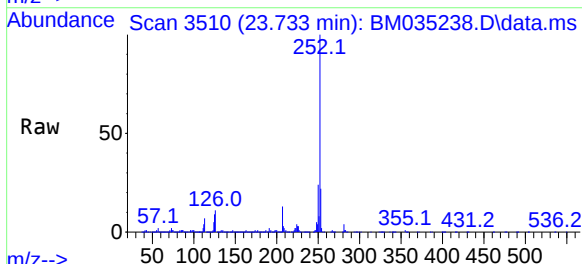
Manual Integrations  
APPROVED

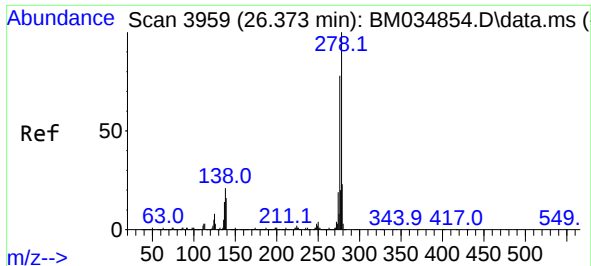
Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#90  
Benzo(a)pyrene  
Concen: 56.774 ng  
RT: 23.733 min Scan# 3510  
Delta R.T. 0.006 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Tgt Ion:252 Resp: 1418906  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.2 25.8  
125 9.0 8.7 13.1





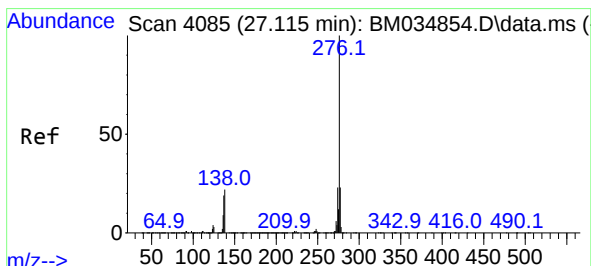
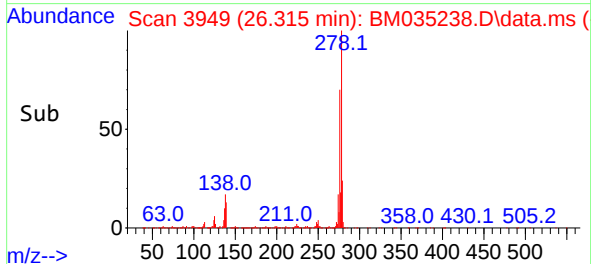
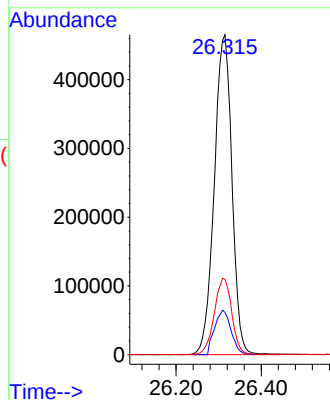
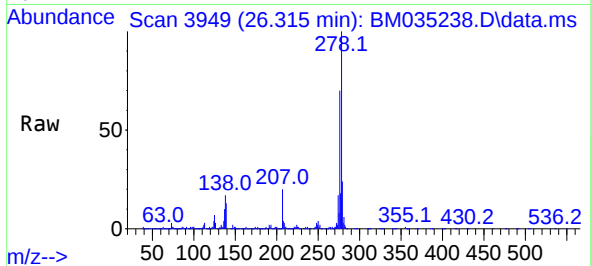
#91  
Dibenzo(a,h)anthracene  
Concen: 43.913 ng  
RT: 26.315 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Instrument :  
BNA\_M  
ClientSampleId :  
PB144970BSD

Tgt Ion:278 Resp: 133948  
Ion Ratio Lower Upper  
278 100  
139 13.2 12.9 19.3  
279 23.6 18.7 28.1

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/26/2022  
Supervised By :Jagrut Upadhyay 05/26/2022



#92  
Benzo(g,h,i)perylene  
Concen: 44.975 ng  
RT: 27.056 min Scan# 4075  
Delta R.T. 0.000 min  
Lab File: BM035238.D  
Acq: 25 May 2022 11:54

Tgt Ion:276 Resp: 1318194  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.7 28.1  
138 17.8 17.6 26.4

