

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011623\  
 Data File : BM038451.D  
 Acq On : 16 Jan 2023 13:47  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo

01/17/2023  
 Supervised By :Jagrut  
 Upadhyay

01/18/2023

Quant Time: Jan 17 02:14:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 02:09:55 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.981  | 152  | 41114    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.792 | 136  | 150218   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.616 | 164  | 94796    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.357 | 188  | 222230   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.527 | 240  | 256306   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.950 | 264  | 334506   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 28373    | 10.686 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.146  | 99   | 38988    | 10.696 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.151  | 82   | 34667    | 8.802  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.098 | 330  | 13482    | 8.761  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.239 | 172  | 69085    | 8.577  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.968 | 244  | 119702   | 8.356  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.387  | 88   | 7318     | 5.889  | ng    | 97       |
| 3) Pyridine                   | 3.822  | 79   | 18695m   | 5.028  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.722  | 42   | 11979    | 4.966  | ng    | # 94     |
| 6) Aniline                    | 7.310  | 93   | 24269    | 5.265  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.546  | 128  | 14384    | 5.262  | ng    | 95       |
| 10) Phenol                    | 7.169  | 94   | 19962    | 5.267  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.404  | 93   | 17137    | 5.579  | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 7.869  | 146  | 14844    | 5.144  | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 8.016  | 146  | 15045    | 5.132  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.334  | 146  | 14865    | 5.145  | ng    | 93       |
| 15) Benzyl Alcohol            | 8.234  | 79   | 12640    | 4.024  | ng    | # 87     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.516  | 45   | 21451    | 4.453  | ng    | 94       |
| 17) 2-Methylphenol            | 8.428  | 107  | 12026    | 4.583  | ng    | 96       |
| 18) Hexachloroethane          | 9.063  | 117  | 5615     | 4.526  | ng    | # 81     |
| 19) n-Nitroso-di-n-propyla... | 8.793  | 70   | 12374    | 4.179  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.757  | 107  | 15493    | 4.349  | ng    | 99       |
| 22) Acetophenone              | 8.816  | 105  | 21782    | 4.693  | ng    | # 98     |
| 24) Nitrobenzene              | 9.198  | 77   | 19179    | 4.658  | ng    | 99       |
| 25) Isophorone                | 9.722  | 82   | 29644    | 4.148  | ng    | # 97     |
| 26) 2-Nitrophenol             | 9.910  | 139  | 5583     | 3.937  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.969  | 122  | 10570    | 4.378  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.204 | 93   | 17037    | 4.297  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.445 | 162  | 11138    | 4.231  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.657 | 180  | 14536    | 4.928  | ng    | 92       |
| 31) Naphthalene               | 10.845 | 128  | 38569    | 4.692  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.969 | 127  | 15175    | 4.205  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.116 | 225  | 10764    | 5.393  | ng    | 97       |
| 35) Caprolactam               | 11.739 | 113  | 2947     | 3.871  | ng    | # 83     |
| 36) 4-Chloro-3-methylphenol   | 12.081 | 107  | 12203    | 4.111  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.445 | 142  | 26618    | 4.330  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.669 | 142  | 24045    | 4.164  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.816 | 216  | 16546    | 4.706  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.786 | 237  | 8323     | 4.180  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.057 | 196  | 9639     | 4.153  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol     | 13.133 | 196  | 11547    | 4.211  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.451 | 154  | 34367    | 4.426  | ng    | 98       |

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 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo

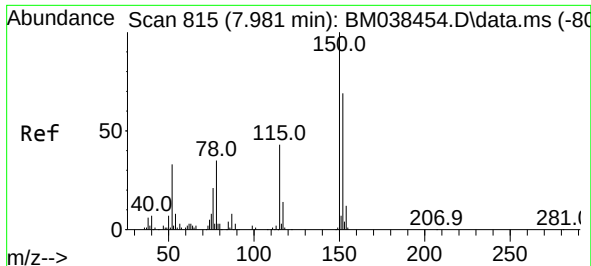
01/17/2023  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Jan 17 02:14:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 02:09:55 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|-------|-------|----------|----|
| 47) 2-Chloronaphthalene       | 13.498 | 162  | 26795    | 4.481 | ng    |          | 98 |
| 48) 2-Nitroaniline            | 13.710 | 65   | 7655     | 3.293 | ng    | #        | 87 |
| 49) Acenaphthylene            | 14.339 | 152  | 41315    | 4.374 | ng    |          | 99 |
| 50) Dimethylphthalate         | 14.075 | 163  | 36377    | 4.587 | ng    | #        | 97 |
| 51) 2,6-Dinitrotoluene        | 14.198 | 165  | 6604     | 4.083 | ng    |          | 93 |
| 52) Acenaphthene              | 14.680 | 154  | 24934    | 4.310 | ng    |          | 93 |
| 53) 3-Nitroaniline            | 14.533 | 138  | 5852     | 3.589 | ng    |          | 90 |
| 55) Dibenzofuran              | 15.010 | 168  | 43339    | 4.440 | ng    |          | 93 |
| 57) 2,4-Dinitrotoluene        | 14.986 | 165  | 8510     | 3.718 | ng    | #        | 95 |
| 58) Fluorene                  | 15.657 | 166  | 34027    | 4.058 | ng    |          | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.239 | 232  | 10258    | 4.377 | ng    | #        | 99 |
| 60) Diethylphthalate          | 15.427 | 149  | 37215    | 4.449 | ng    |          | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204  | 19285    | 4.315 | ng    |          | 96 |
| 62) 4-Nitroaniline            | 15.692 | 138  | 5517     | 3.182 | ng    |          | 90 |
| 63) Azobenzene                | 15.945 | 77   | 39914    | 4.134 | ng    |          | 98 |
| 66) n-Nitrosodiphenylamine    | 15.869 | 169  | 29614    | 4.288 | ng    |          | 98 |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248  | 11754    | 4.492 | ng    |          | 93 |
| 68) Hexachlorobenzene         | 16.657 | 284  | 13432    | 4.792 | ng    | #        | 90 |
| 69) Atrazine                  | 16.816 | 200  | 10642    | 4.367 | ng    |          | 95 |
| 70) Pentachlorophenol         | 17.010 | 266  | 8486     | 3.902 | ng    |          | 92 |
| 71) Phenanthrene              | 17.398 | 178  | 56024    | 4.382 | ng    |          | 99 |
| 72) Anthracene                | 17.492 | 178  | 57262    | 4.339 | ng    |          | 99 |
| 73) Carbazole                 | 17.763 | 167  | 48257    | 4.217 | ng    | #        | 97 |
| 74) Di-n-butylphthalate       | 18.315 | 149  | 56840    | 3.879 | ng    |          | 97 |
| 75) Fluoranthene              | 19.410 | 202  | 68092    | 4.273 | ng    |          | 97 |
| 77) Benzidine                 | 19.598 | 184  | 25227    | 4.553 | ng    |          | 95 |
| 78) Pyrene                    | 19.768 | 202  | 73666    | 4.046 | ng    |          | 99 |
| 80) Butylbenzylphthalate      | 20.656 | 149  | 26482    | 3.672 | ng    |          | 90 |
| 81) Benzo(a)anthracene        | 21.515 | 228  | 83828    | 4.490 | ng    |          | 99 |
| 82) 3,3'-Dichlorobenzidine    | 21.445 | 252  | 25808    | 4.335 | ng    |          | 96 |
| 83) Chrysene                  | 21.568 | 228  | 83605    | 4.703 | ng    |          | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.427 | 149  | 37731    | 3.487 | ng    |          | 94 |
| 85) Di-n-octyl phthalate      | 22.350 | 149  | 70488    | 3.923 | ng    |          | 97 |
| 87) Indeno(1,2,3-cd)pyrene    | 26.468 | 276  | 114919   | 5.188 | ng    |          | 98 |
| 88) Benzo(b)fluoranthene      | 23.209 | 252  | 91991m   | 4.201 | ng    |          |    |
| 89) Benzo(k)fluoranthene      | 23.256 | 252  | 95058    | 4.193 | ng    |          | 97 |
| 90) Benzo(a)pyrene            | 23.839 | 252  | 87720    | 4.200 | ng    |          | 99 |
| 91) Dibenzo(a,h)anthracene    | 26.486 | 278  | 97010    | 5.175 | ng    |          | 95 |
| 92) Benzo(g,h,i)perylene      | 27.250 | 276  | 99743    | 5.702 | ng    |          | 96 |

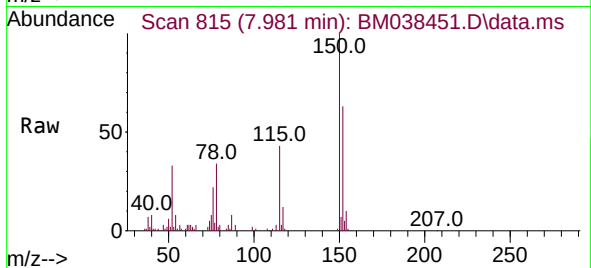
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.981 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



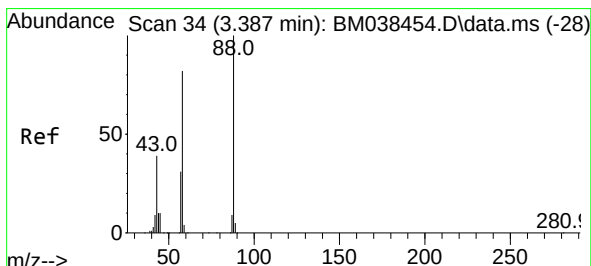
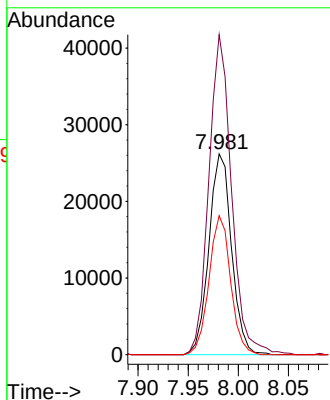
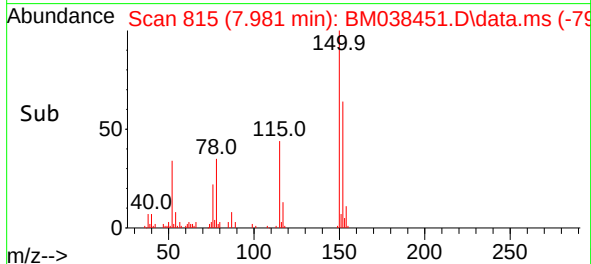
Tgt Ion: 152 Resp: 41114  
Ion Ratio Lower Upper  
152 100  
150 159.4 116.0 174.0  
115 69.3 49.4 74.2

Manual Integrations  
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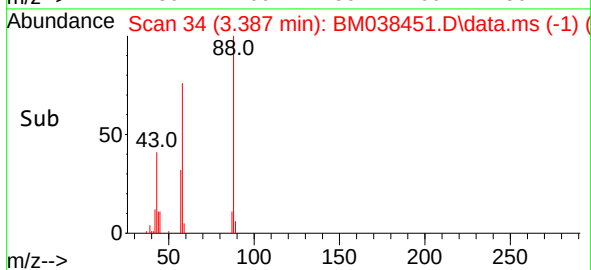
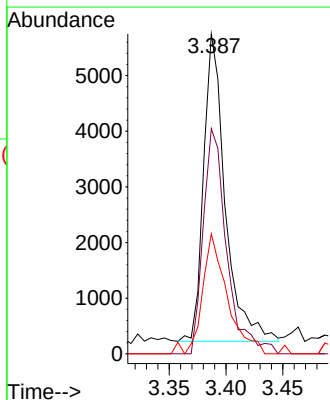
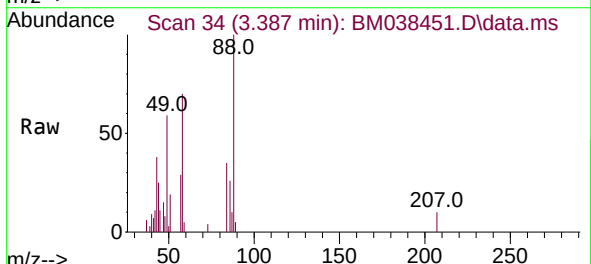
01/17/2023  
Supervised By :Jagrut  
Upadhyay

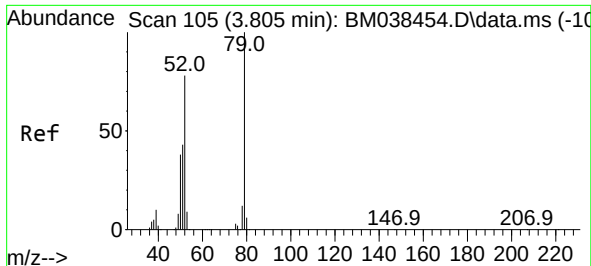
01/18/2023



#2  
1,4-Dioxane  
Concen: 5.889 ng  
RT: 3.387 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

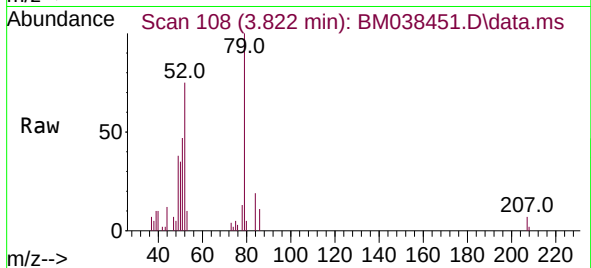
Tgt Ion: 88 Resp: 7318  
Ion Ratio Lower Upper  
88 100  
58 79.1 64.3 96.5  
43 44.9 32.3 48.5





#3  
Pyridine  
Concen: 5.028 ng m  
RT: 3.822 min Scan# 10  
Delta R.T. 0.018 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



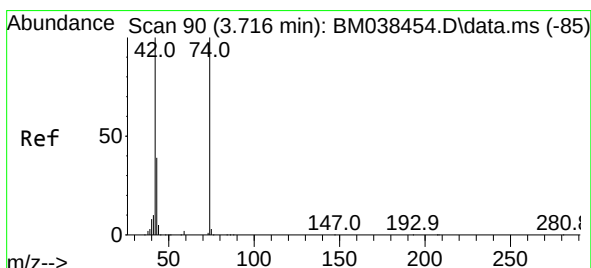
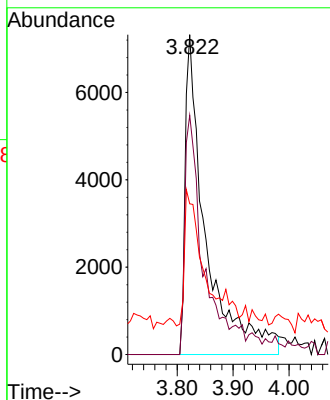
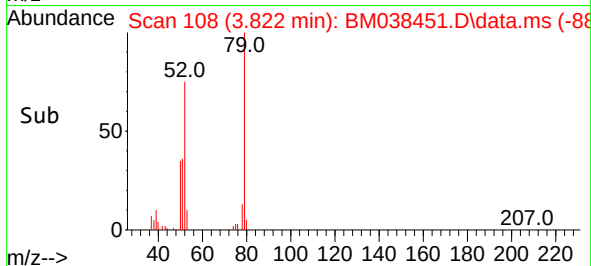
Tgt Ion: 79 Resp: 18695  
Ion Ratio Lower Upper  
79 100  
52 74.8 62.2 93.2  
51 47.1 34.8 52.2

Manual Integrations  
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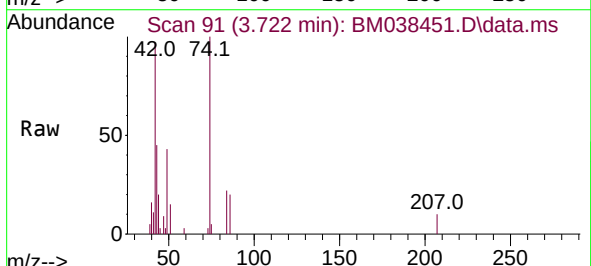
Reviewed By :Christian  
Giraldo

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Supervised By :Jagrut  
Upadhyay

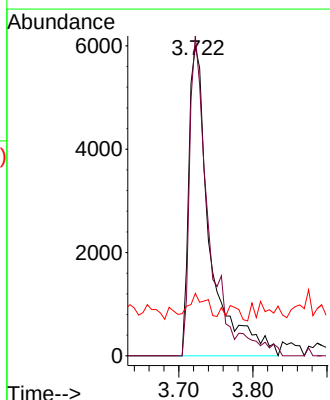
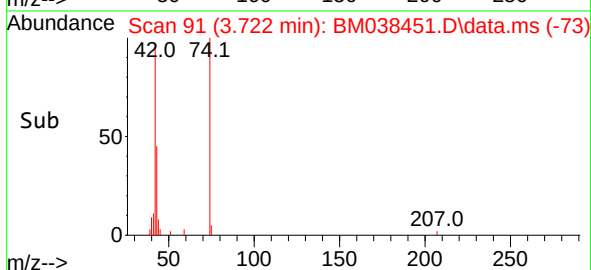
01/18/2023

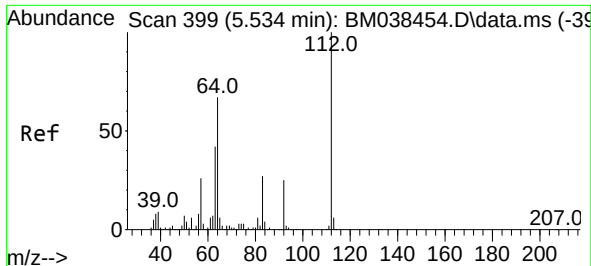


#4  
n-Nitrosodimethylamine  
Concen: 4.966 ng  
RT: 3.722 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



Tgt Ion: 42 Resp: 11979  
Ion Ratio Lower Upper  
42 100  
74 103.4 79.7 119.5  
44 20.2 4.7 7.1#





#5  
2-Fluorophenol  
Concen: 10.686 ng  
RT: 5.528 min Scan# 399  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005

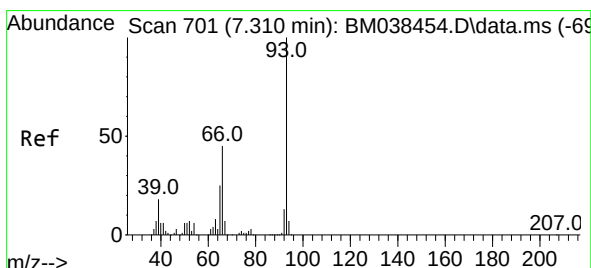
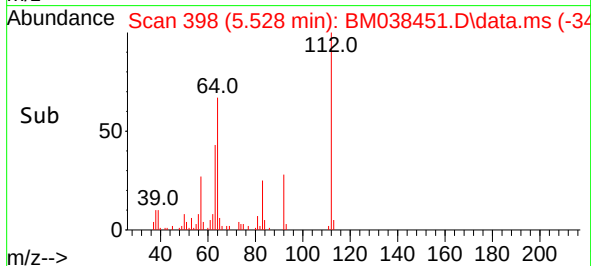
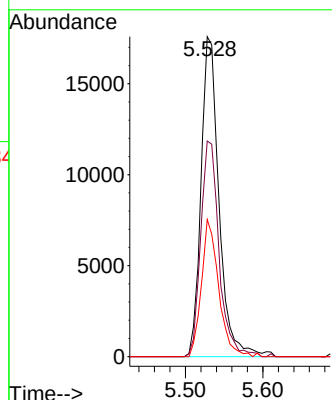
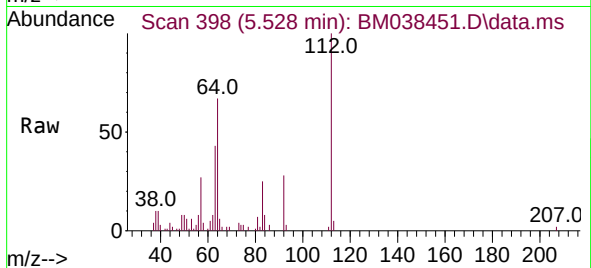
Tgt Ion: 112 Resp: 28373  
Ion Ratio Lower Upper  
112 100  
64 67.4 53.7 80.5  
63 42.8 33.7 50.5

Manual Integrations  
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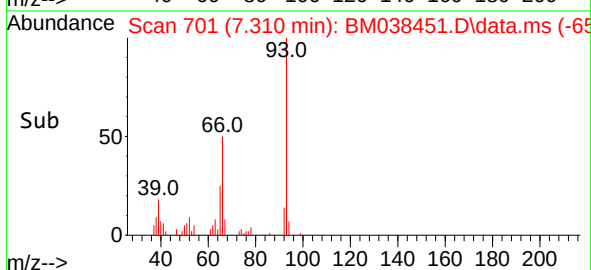
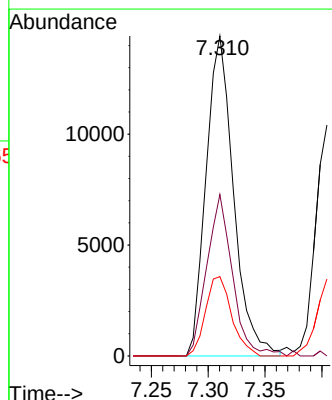
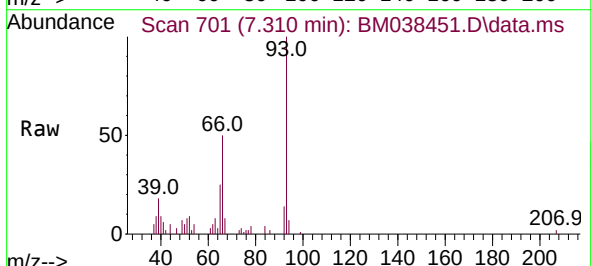
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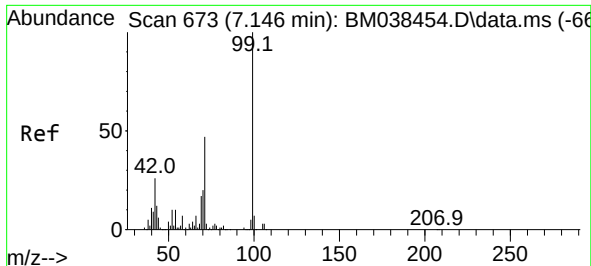
01/18/2023



#6  
Aniline  
Concen: 5.265 ng  
RT: 7.310 min Scan# 701  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

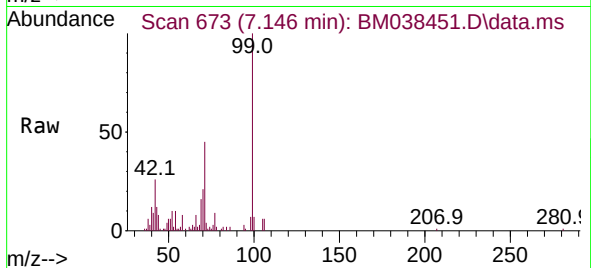
Tgt Ion: 93 Resp: 24269  
Ion Ratio Lower Upper  
93 100  
66 50.4 36.2 54.2  
65 24.8 19.8 29.8





#7  
Phenol-d6  
Concen: 10.696 ng  
RT: 7.146 min Scan# 673  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
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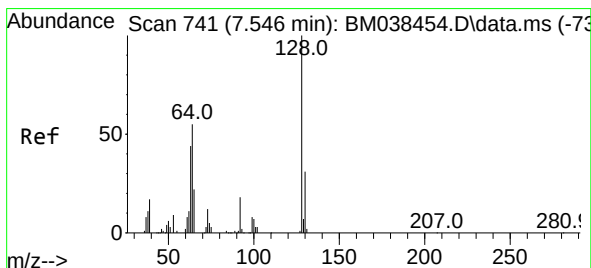
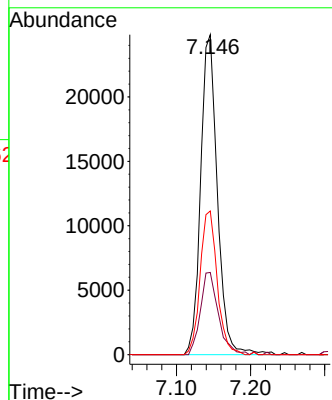
Tgt Ion: 99 Resp: 3898  
Ion Ratio Lower Upper  
99 100  
42 25.7 20.8 31.2  
71 44.9 37.8 56.8

Manual Integrations  
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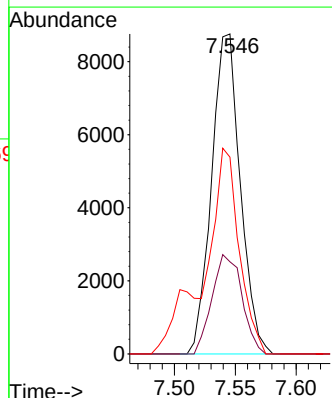
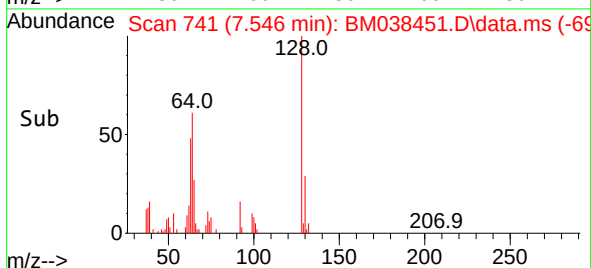
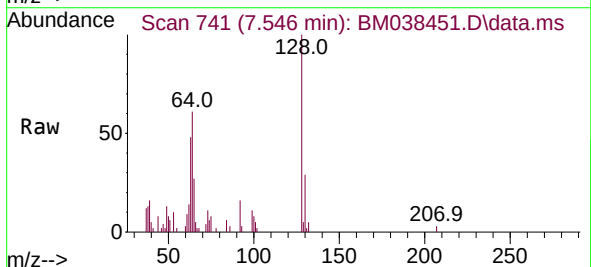
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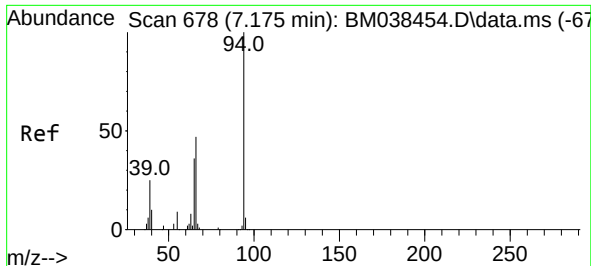
01/18/2023



#8  
2-Chlorophenol  
Concen: 5.262 ng  
RT: 7.546 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

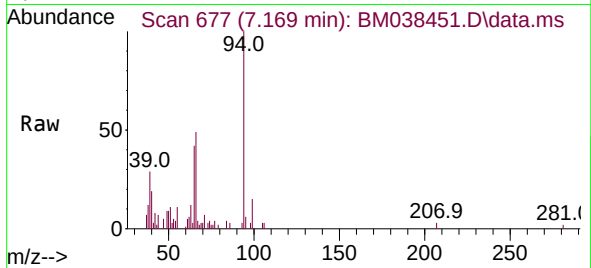
Tgt Ion:128 Resp: 14384  
Ion Ratio Lower Upper  
128 100  
130 28.8 11.5 51.5  
64 61.5 38.0 78.0





#10  
Phenol  
Concen: 5.267 ng  
RT: 7.169 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



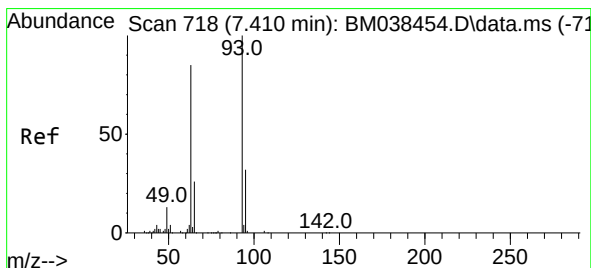
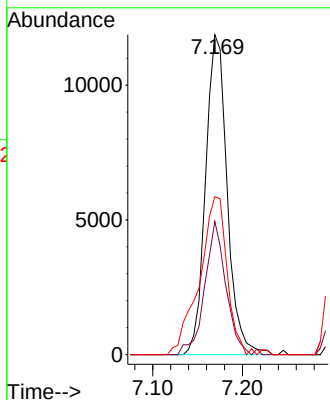
Tgt Ion: 94 Resp: 19962  
Ion Ratio Lower Upper  
94 100  
65 41.6 16.3 56.3  
66 49.3 29.2 69.2

Manual Integrations  
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Reviewed By :Christian  
Giraldo

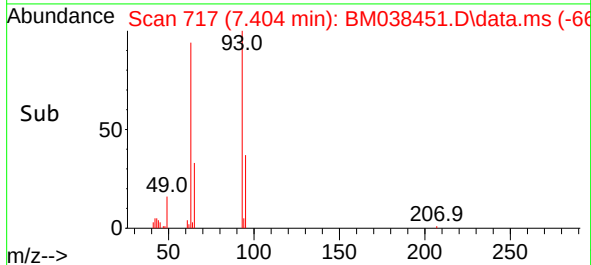
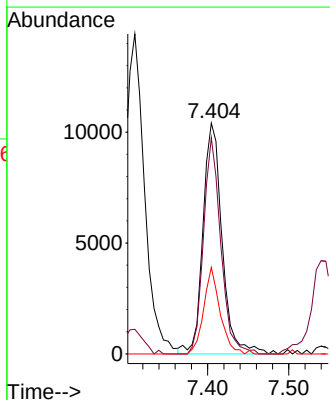
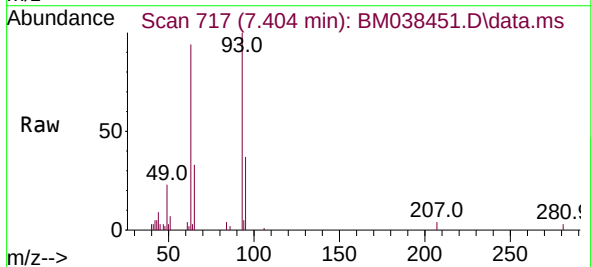
01/17/2023  
Supervised By :Jagrut  
Upadhyay

01/18/2023

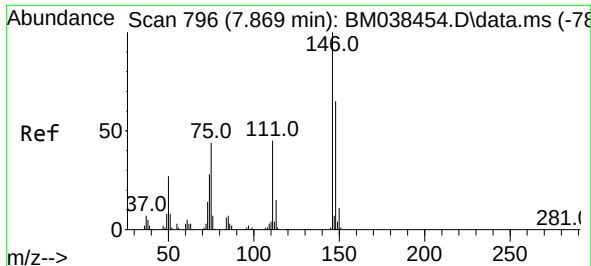


#11  
bis(2-Chloroethyl)ether  
Concen: 5.579 ng  
RT: 7.404 min Scan# 717  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Tgt Ion: 93 Resp: 17137  
Ion Ratio Lower Upper  
93 100  
63 93.6 64.6 104.6  
95 37.5 12.0 52.0







#12  
1,3-Dichlorobenzene  
Concen: 5.144 ng  
RT: 7.869 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005

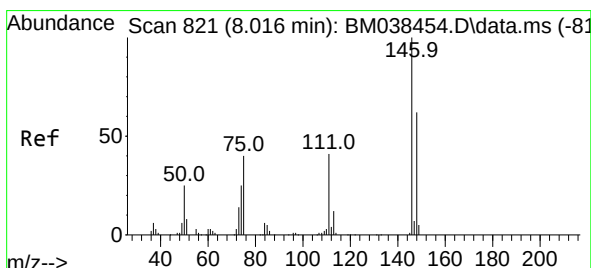
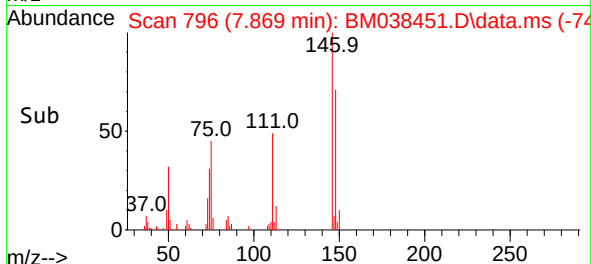
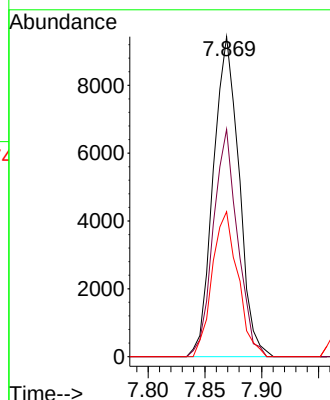
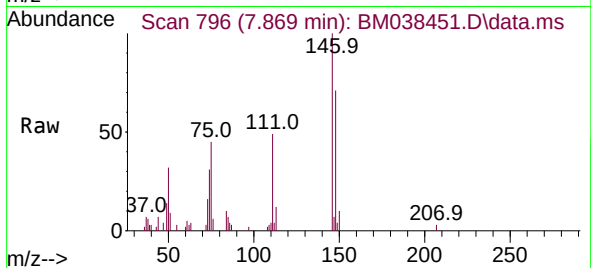
Tgt Ion:146 Resp: 14844  
Ion Ratio Lower Upper  
146 100  
148 71.0 51.8 77.8  
75 45.3 35.1 52.7

Manual Integrations  
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Reviewed By :Christian  
Giraldo

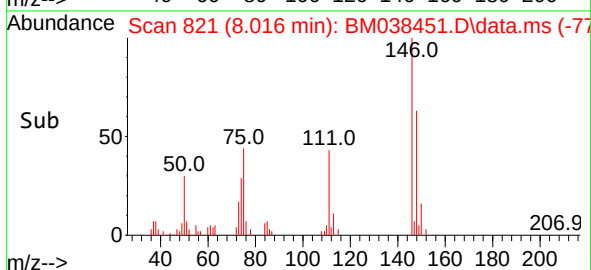
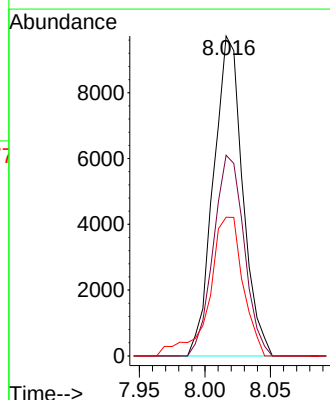
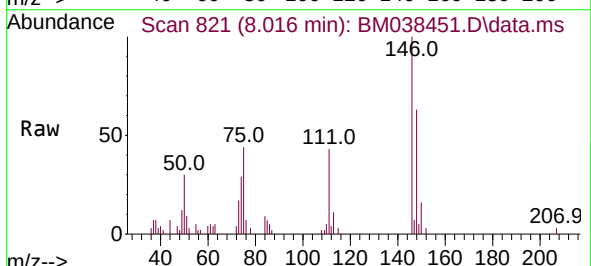
01/17/2023  
Supervised By :Jagrut  
Upadhyay

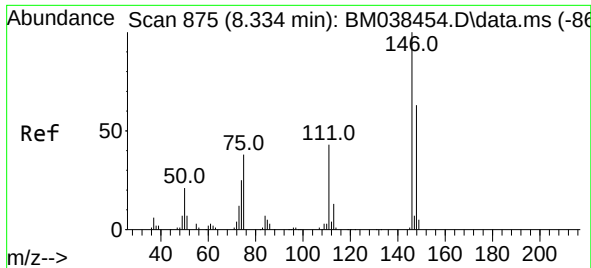
01/18/2023



#13  
1,4-Dichlorobenzene  
Concen: 5.132 ng  
RT: 8.016 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

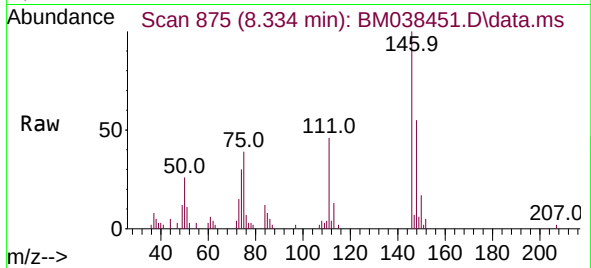
Tgt Ion:146 Resp: 15045  
Ion Ratio Lower Upper  
146 100  
148 62.7 50.1 75.1  
111 43.3 32.8 49.2





#14  
1,2-Dichlorobenzene  
Concen: 5.145 ng  
RT: 8.334 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



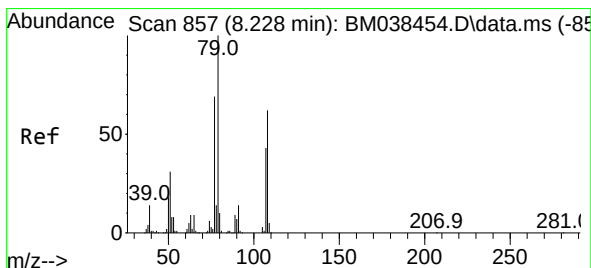
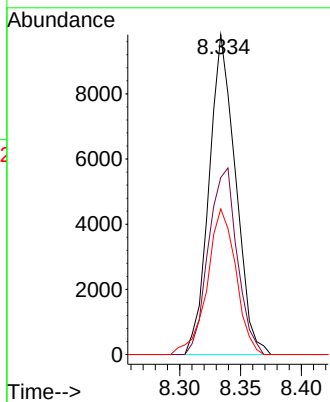
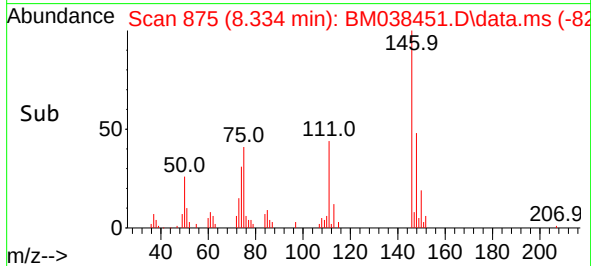
Tgt Ion:146 Resp: 1486  
Ion Ratio Lower Upper  
146 100  
148 55.3 50.7 76.1  
111 45.5 35.2 52.8

Manual Integrations  
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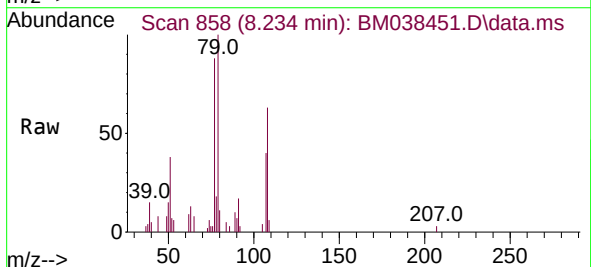
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

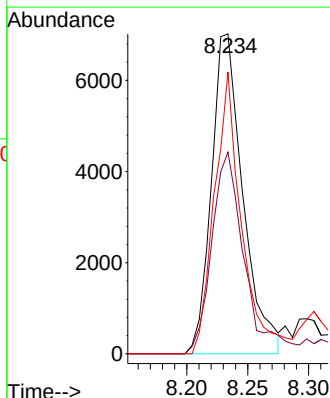
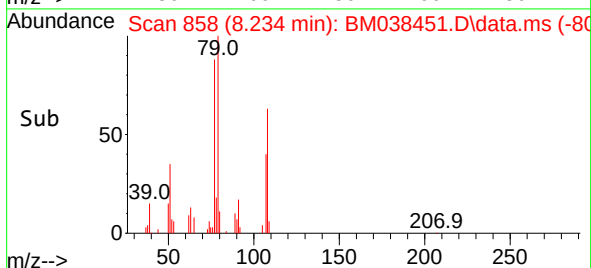
01/18/2023

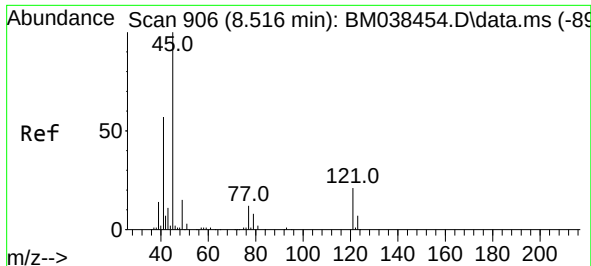


#15  
Benzyl Alcohol  
Concen: 4.024 ng  
RT: 8.234 min Scan# 858  
Delta R.T. 0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



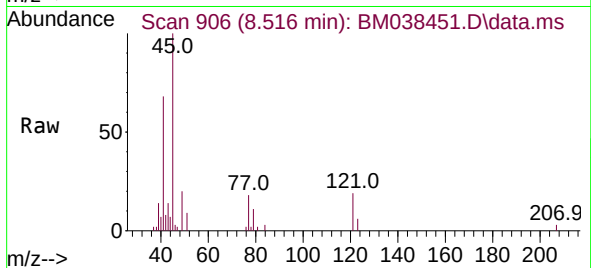
Tgt Ion: 79 Resp: 12640  
Ion Ratio Lower Upper  
79 100  
108 63.0 49.3 73.9  
77 88.1 55.1 82.7#





#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.453 ng  
RT: 8.516 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



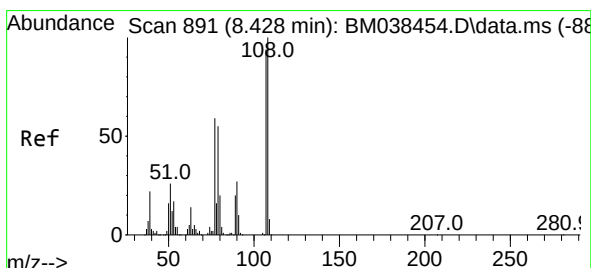
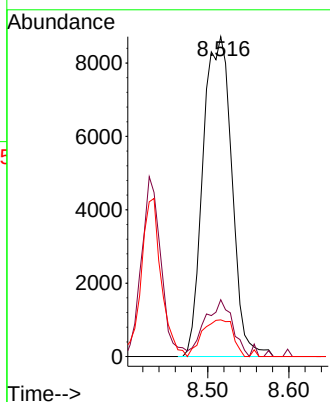
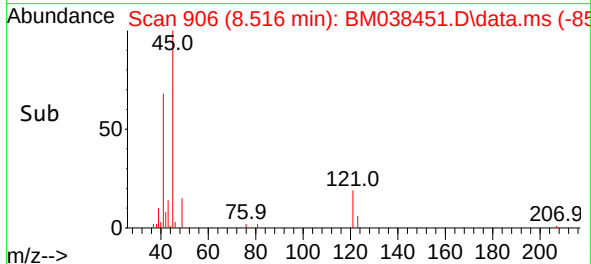
Tgt Ion: 45 Resp: 2145  
Ion Ratio Lower Upper  
45 100  
77 17.8 0.0 34.7  
79 11.5 0.0 30.4

Manual Integrations  
APPROVED

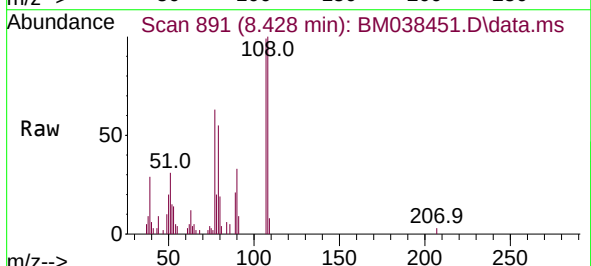
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

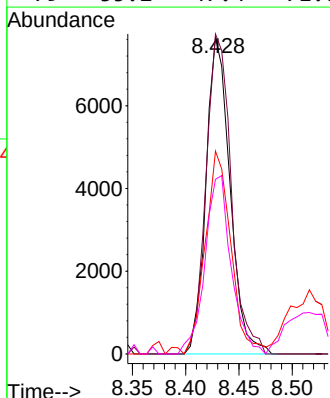
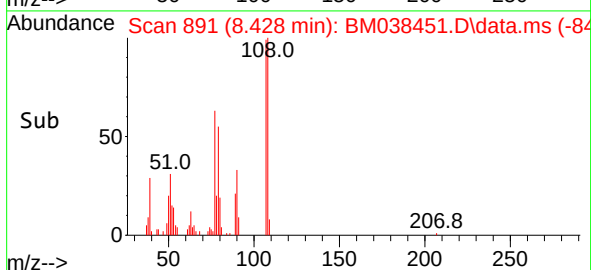
01/18/2023

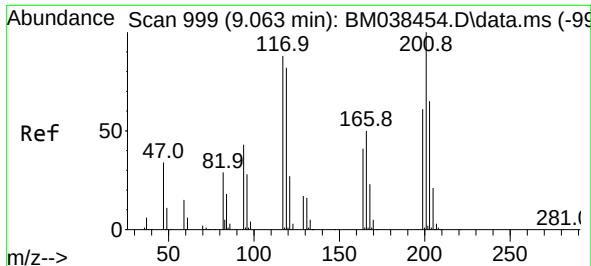


#17  
2-Methylphenol  
Concen: 4.583 ng  
RT: 8.428 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



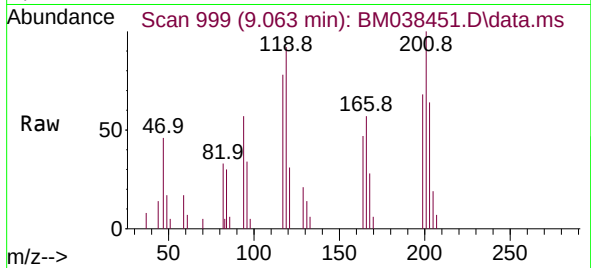
Tgt Ion:107 Resp: 12026  
Ion Ratio Lower Upper  
107 100  
108 101.2 85.7 128.5  
77 64.1 50.5 75.7  
79 55.2 47.4 71.0





#18  
Hexachloroethane  
Concen: 4.526 ng  
RT: 9.063 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



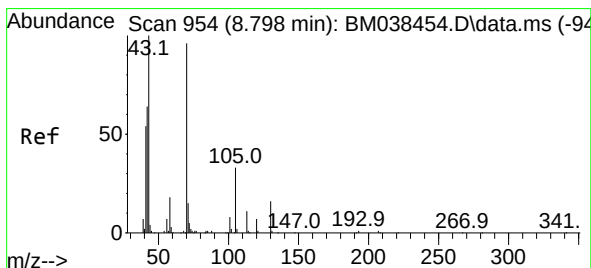
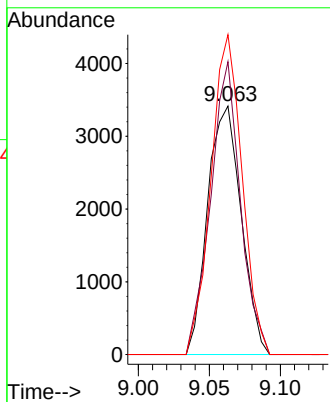
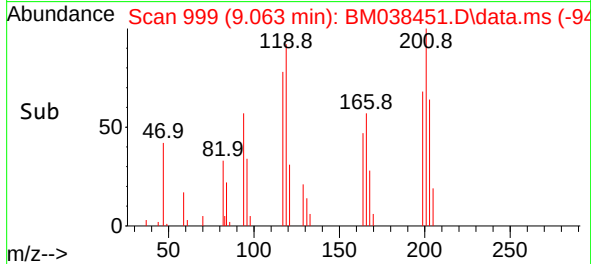
Tgt Ion: 117 Resp: 5615  
Ion Ratio Lower Upper  
117 100  
119 117.9 74.5 111.7  
201 128.8 91.3 136.9

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

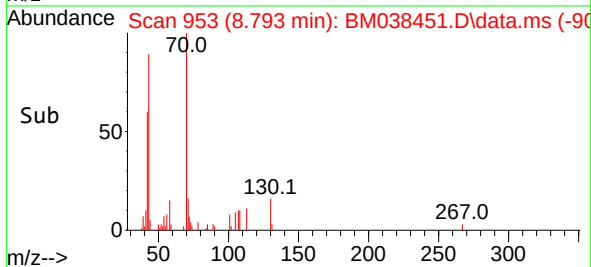
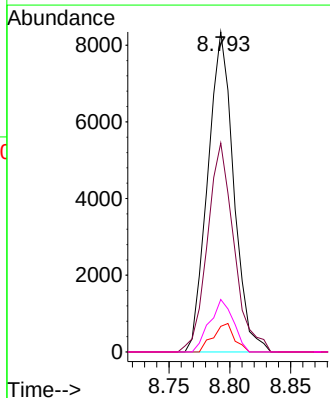
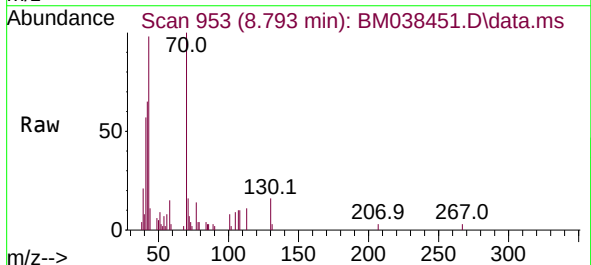
01/17/2023  
Supervised By :Jagrut  
Upadhyay

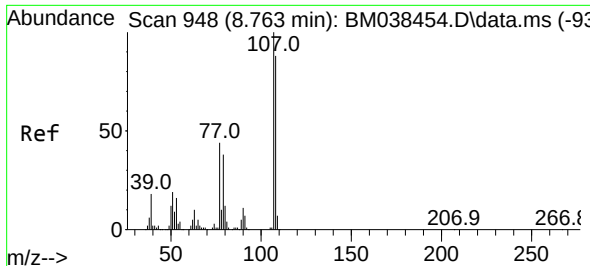
01/18/2023



#19  
n-Nitroso-di-n-propylamine  
Concen: 4.179 ng  
RT: 8.793 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

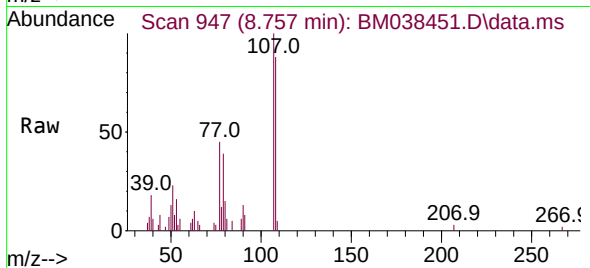
Tgt Ion: 70 Resp: 12374  
Ion Ratio Lower Upper  
70 100  
42 65.3 54.2 81.2  
101 8.0 6.6 10.0  
130 16.4 13.0 19.4





#20  
3+4-Methylphenols  
Concen: 4.349 ng  
RT: 8.757 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



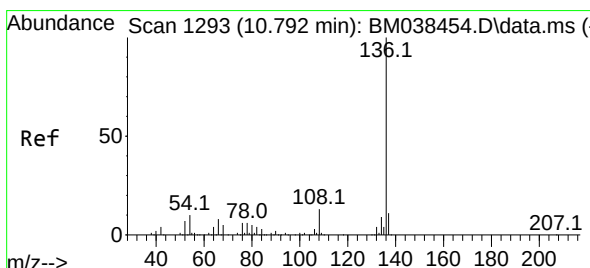
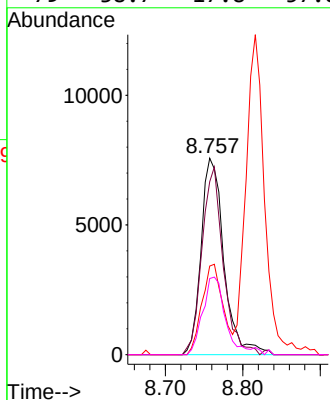
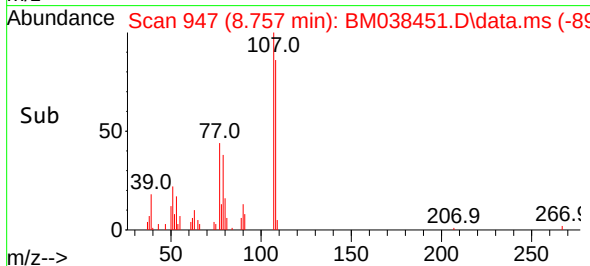
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 15493 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 88.0  | 67.6  | 107.6 |
| 77       | 45.1  | 24.1  | 64.1  |
| 79       | 38.7  | 17.8  | 57.8  |

Manual Integrations  
**APPROVED**

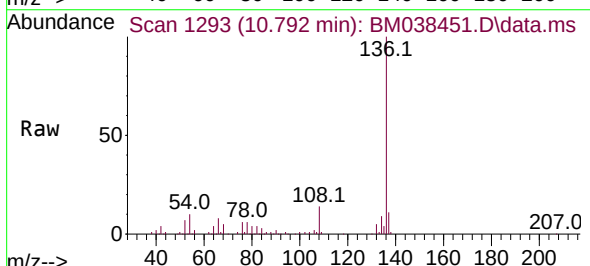
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

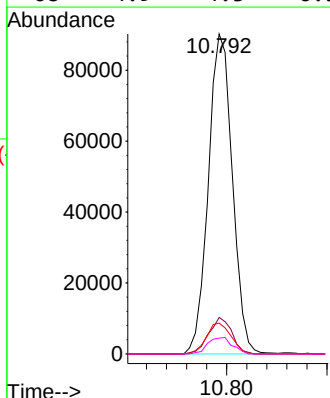
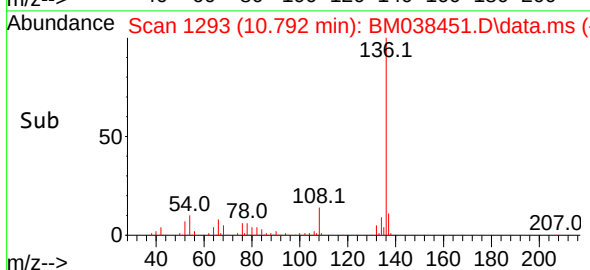
01/18/2023

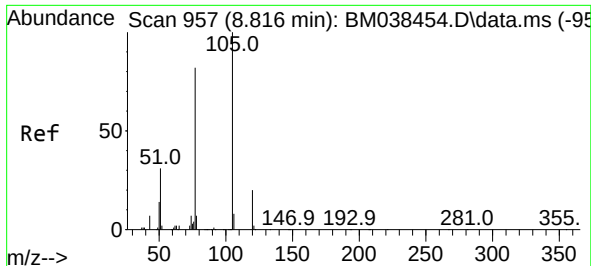


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.792 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



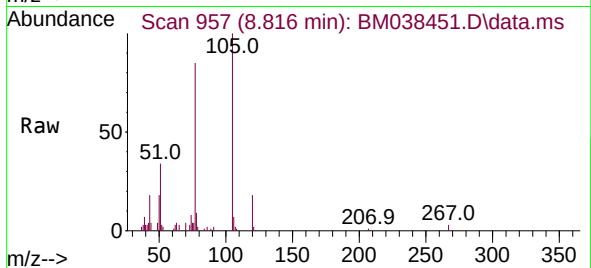
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 150218 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 9.0   | 13.4   |
| 54       | 9.6   | 7.6   | 11.4   |
| 68       | 4.9   | 4.3   | 6.5    |





#22  
Acetophenone  
Concen: 4.693 ng  
RT: 8.816 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



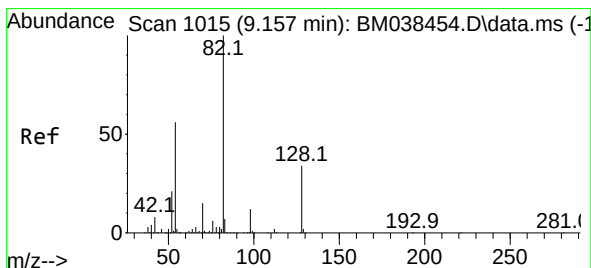
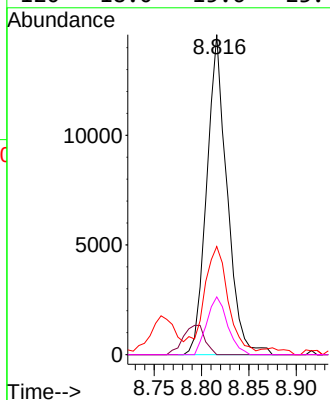
Tgt Ion: 105 Resp: 21782  
Ion Ratio Lower Upper  
105 100  
71 0.0 1.0 1.6  
51 33.8 27.4 41.2  
120 18.0 15.6 23.4

Manual Integrations  
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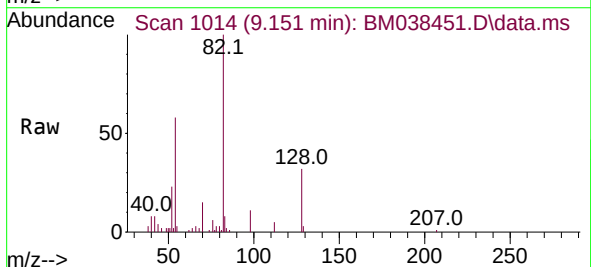
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

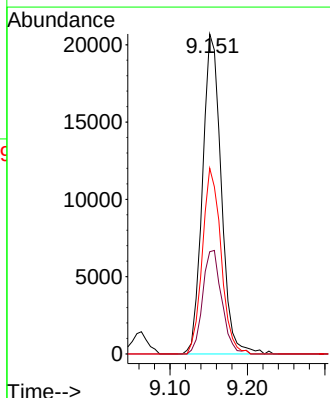
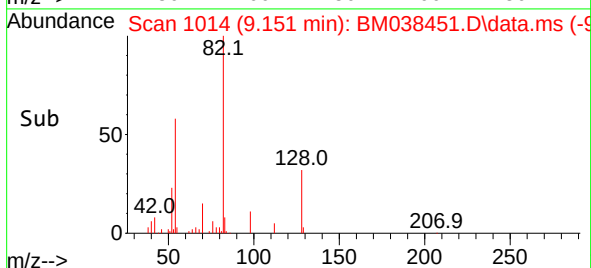
01/18/2023

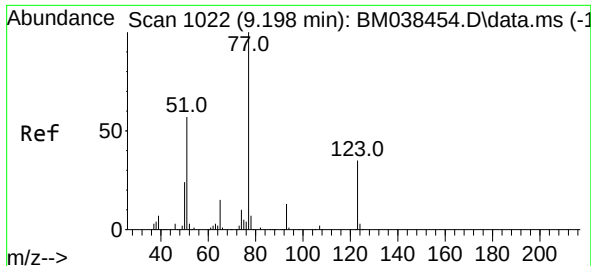


#23  
Nitrobenzene-d5  
Concen: 8.802 ng  
RT: 9.151 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



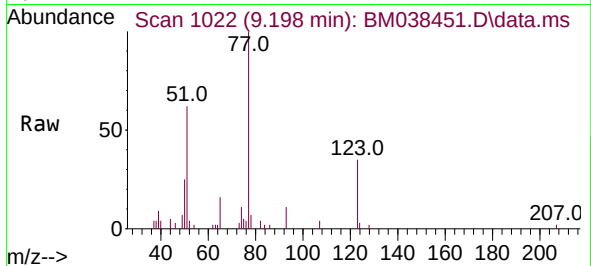
Tgt Ion: 82 Resp: 34667  
Ion Ratio Lower Upper  
82 100  
128 31.9 27.0 40.6  
54 58.0 45.0 67.6





#24  
Nitrobenzene  
Concen: 4.658 ng  
RT: 9.198 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



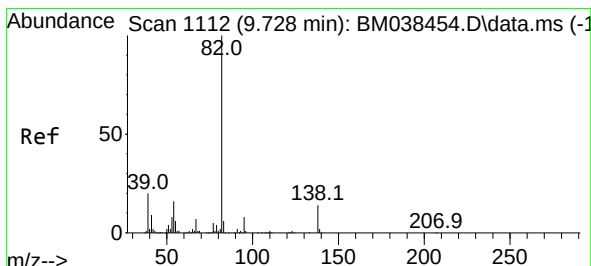
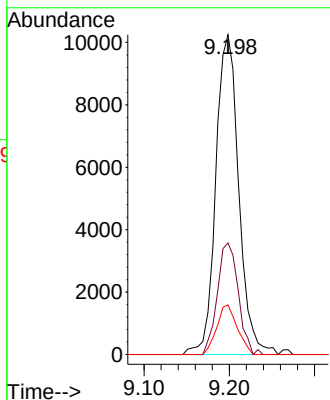
Tgt Ion: 77 Resp: 19179  
Ion Ratio Lower Upper  
77 100  
123 34.9 28.2 42.4  
65 15.5 12.1 18.1

Manual Integrations  
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Reviewed By :Christian  
Giraldo

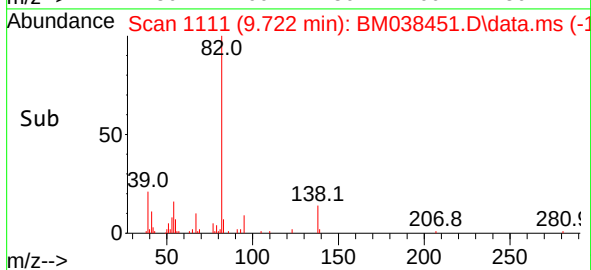
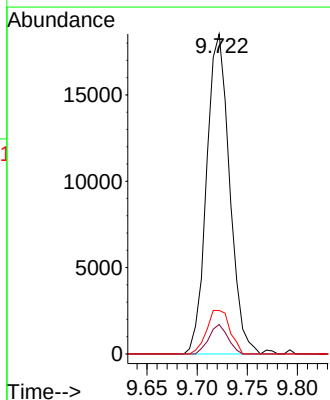
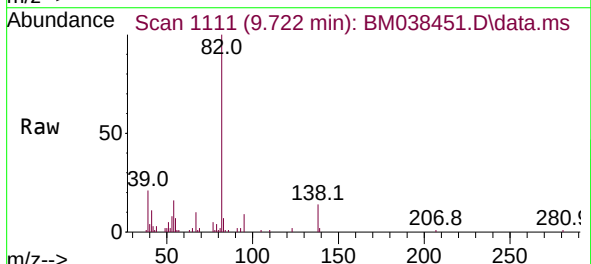
01/17/2023  
Supervised By :Jagrut  
Upadhyay

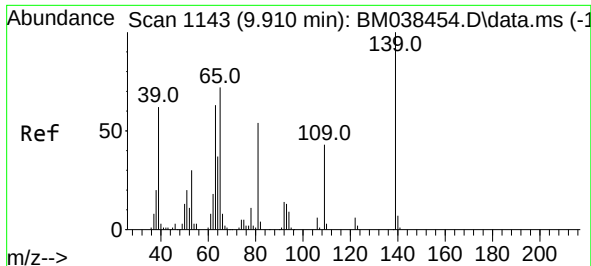
01/18/2023



#25  
Isophorone  
Concen: 4.148 ng  
RT: 9.722 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Tgt Ion: 82 Resp: 29644  
Ion Ratio Lower Upper  
82 100  
95 9.2 6.1 9.1#  
138 13.6 11.5 17.3





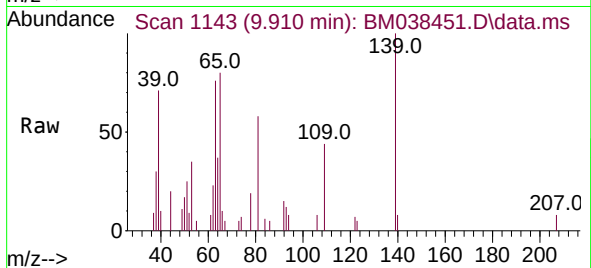
#26  
2-Nitrophenol  
Concen: 3.937 ng  
RT: 9.910 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005



Tgt Ion:139 Resp: 5583  
Ion Ratio Lower Upper  
139 100  
109 43.9 34.7 52.1  
65 80.2 57.4 86.0

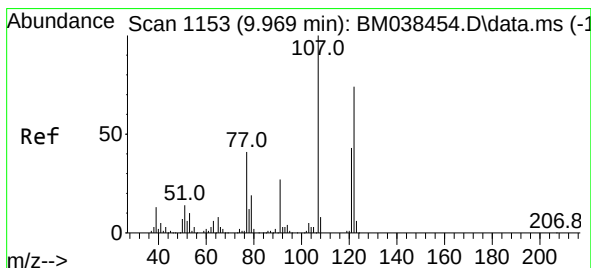
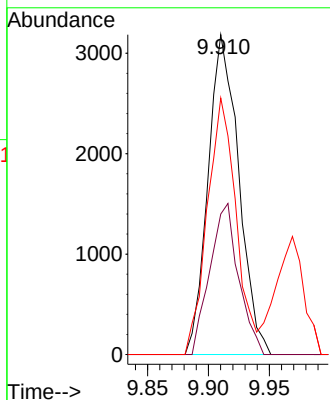
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

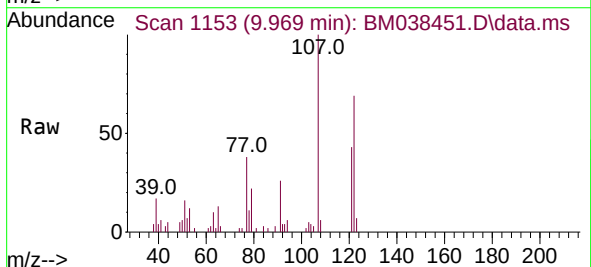
01/17/2023

Supervised By :Jagrut  
Upadhyay

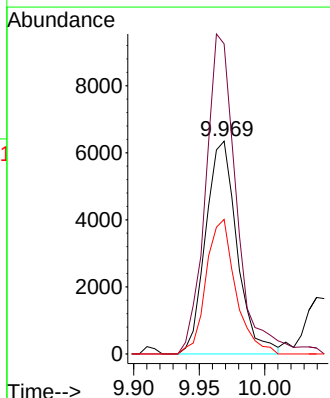
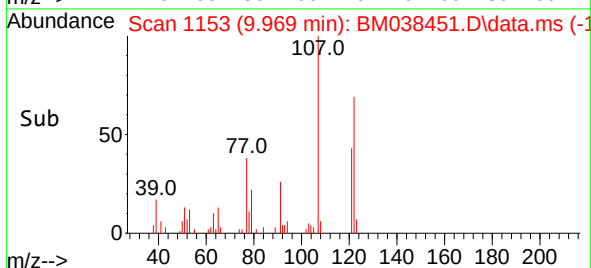
01/18/2023



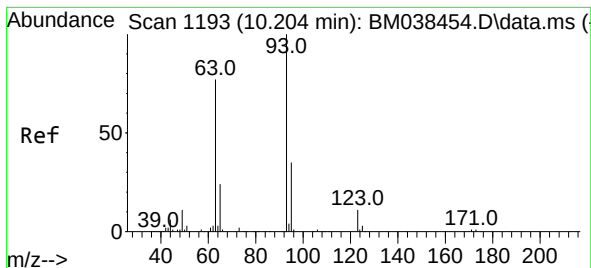
#27  
2,4-Dimethylphenol  
Concen: 4.378 ng  
RT: 9.969 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



Tgt Ion:122 Resp: 10570  
Ion Ratio Lower Upper  
122 100  
107 145.8 107.4 161.0  
121 63.2 46.6 70.0

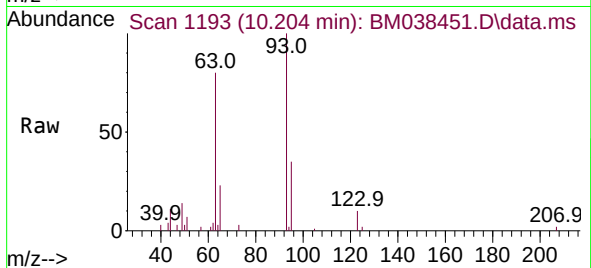






#28  
bis(2-Chloroethoxy)methane  
Concen: 4.297 ng  
RT: 10.204 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



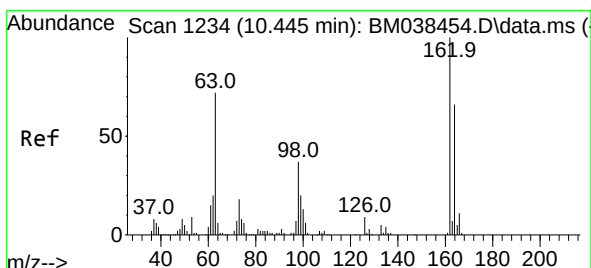
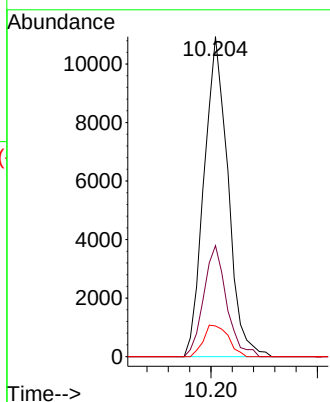
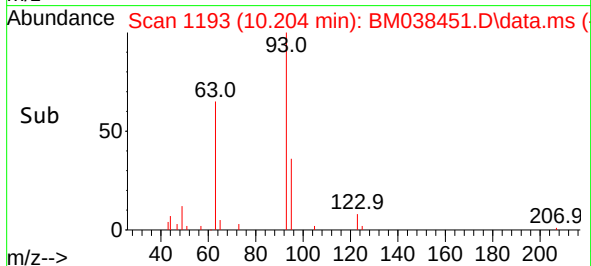
Tgt Ion: 93 Resp: 1703  
Ion Ratio Lower Upper  
93 100  
95 34.7 27.7 41.5  
123 9.6 8.6 13.0

Manual Integrations  
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Reviewed By :Christian  
Giraldo

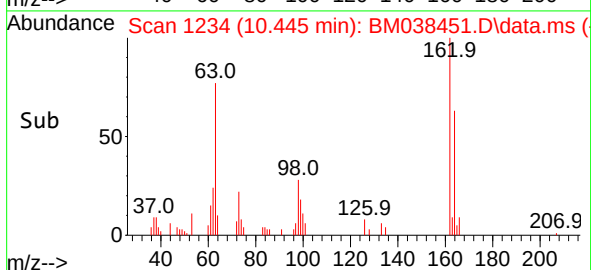
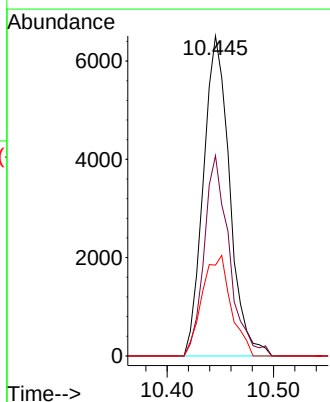
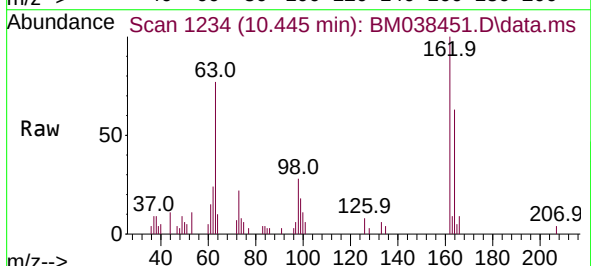
01/17/2023  
Supervised By :Jagrut  
Upadhyay

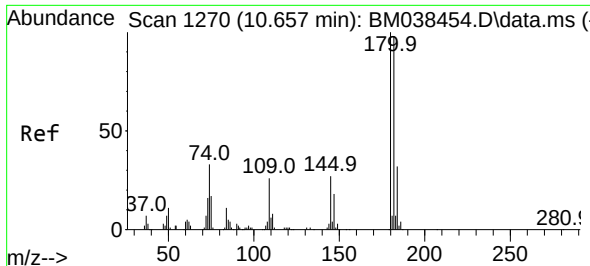
01/18/2023



#29  
2,4-Dichlorophenol  
Concen: 4.231 ng  
RT: 10.445 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

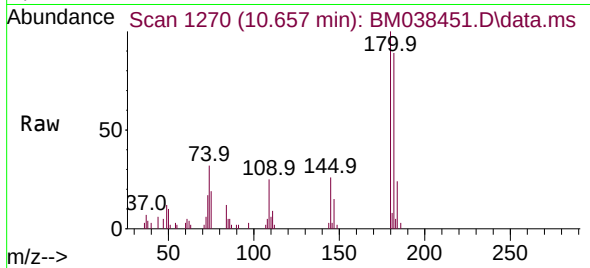
Tgt Ion:162 Resp: 11138  
Ion Ratio Lower Upper  
162 100  
164 62.6 46.5 86.5  
98 28.4 17.1 57.1





#30  
1,2,4-Trichlorobenzene  
Concen: 4.928 ng  
RT: 10.657 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



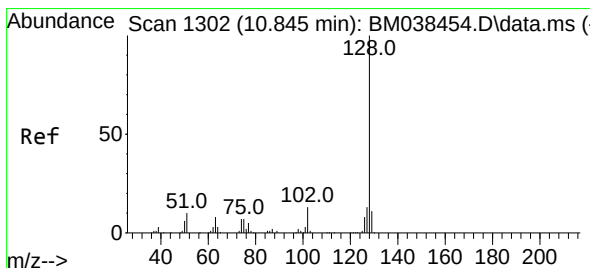
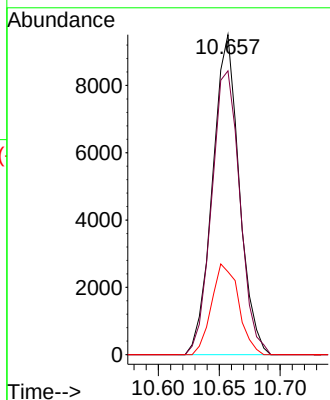
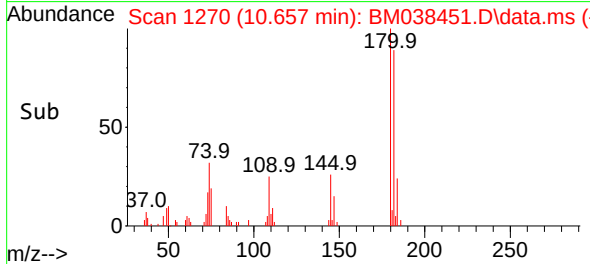
Tgt Ion:180 Resp: 14536  
Ion Ratio Lower Upper  
180 100  
182 88.7 78.1 117.1  
145 25.9 21.9 32.9

Manual Integrations  
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Reviewed By :Christian  
Giraldo

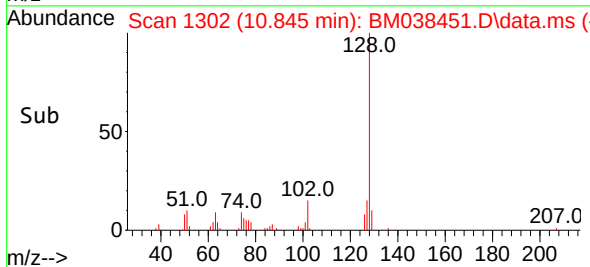
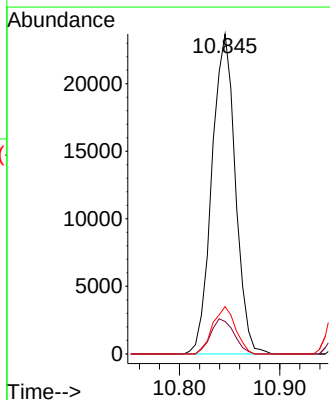
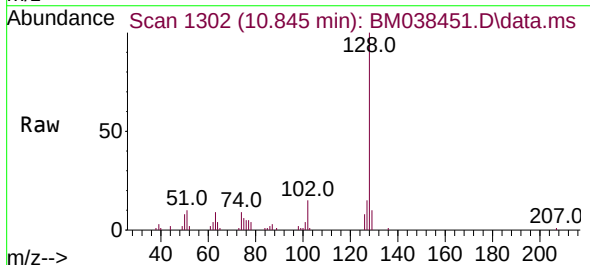
01/17/2023  
Supervised By :Jagrut  
Upadhyay

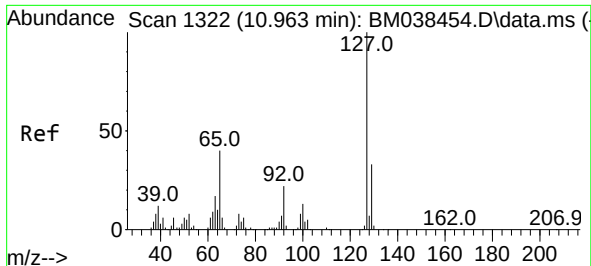
01/18/2023



#31  
Naphthalene  
Concen: 4.692 ng  
RT: 10.845 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Tgt Ion:128 Resp: 38569  
Ion Ratio Lower Upper  
128 100  
129 10.1 8.9 13.3  
127 14.8 10.8 16.2





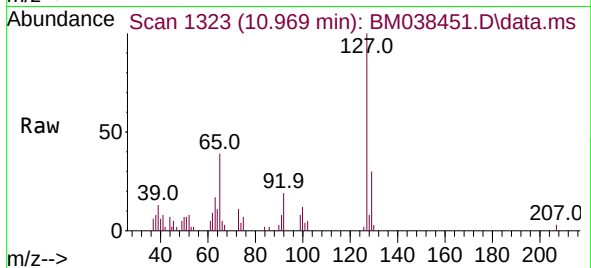
#33  
4-Chloroaniline  
Concen: 4.205 ng  
RT: 10.969 min Scan# 1322  
Delta R.T. 0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.7  | 26.4  | 39.6  |
| 65      | 38.9  | 32.1  | 48.1  |
| 92      | 19.3  | 17.6  | 26.4  |

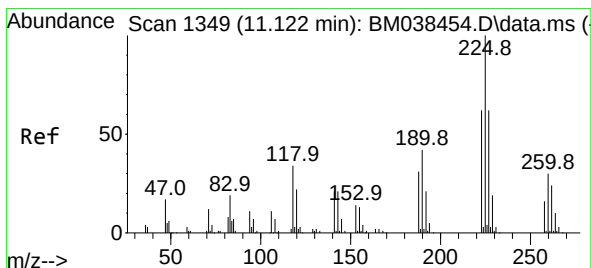
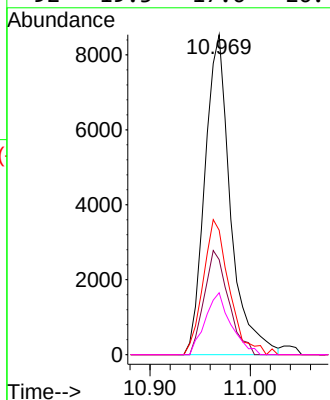
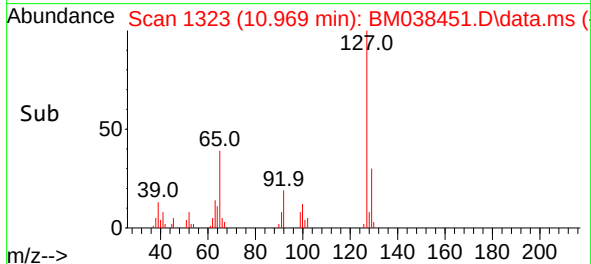
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

01/17/2023

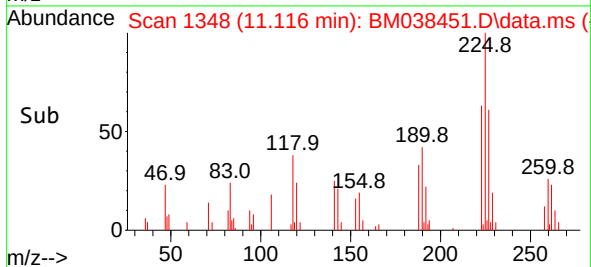
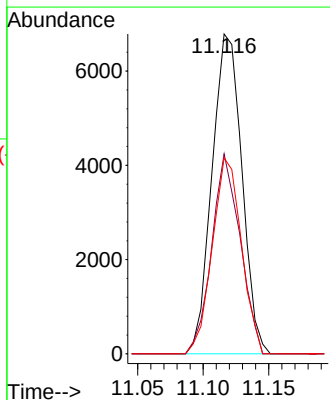
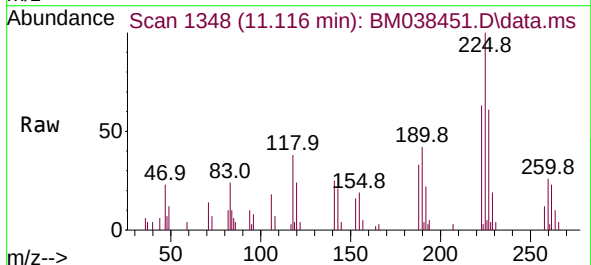
Supervised By :Jagrut  
Upadhyay

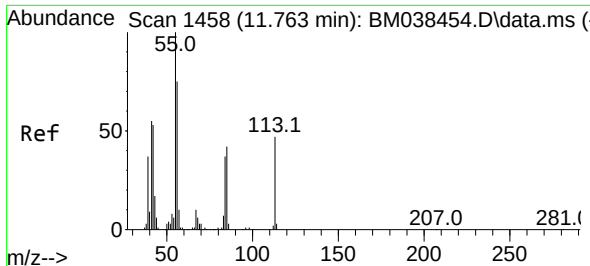
01/18/2023



#34  
Hexachlorobutadiene  
Concen: 5.393 ng  
RT: 11.116 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

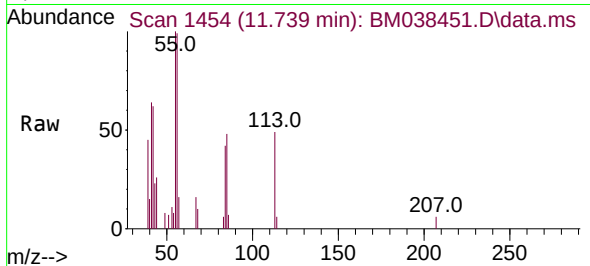
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.6  | 49.8  | 74.8  |
| 227     | 61.2  | 49.6  | 74.4  |





#35  
Caprolactam  
Concen: 3.871 ng  
RT: 11.739 min Scan# 1458  
Delta R.T. -0.023 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



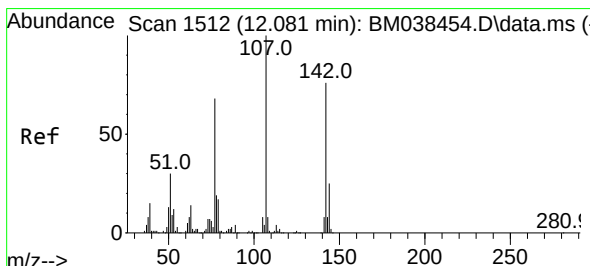
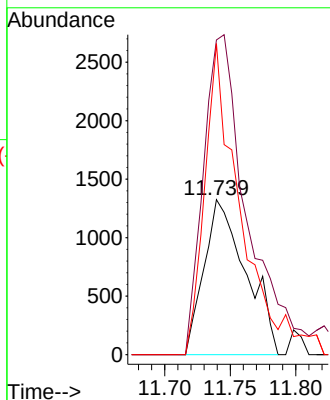
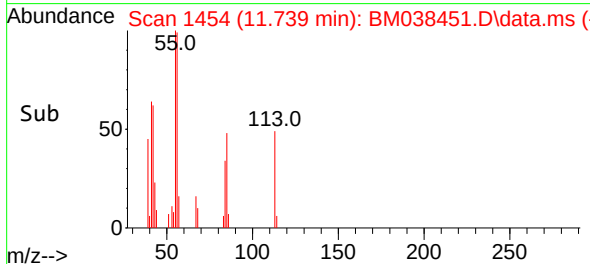
Tgt Ion:113 Resp: 2947  
Ion Ratio Lower Upper  
113 100  
55 203.0 194.2 234.2  
56 200.7 141.6 181.6

Manual Integrations  
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Reviewed By :Christian  
Giraldo

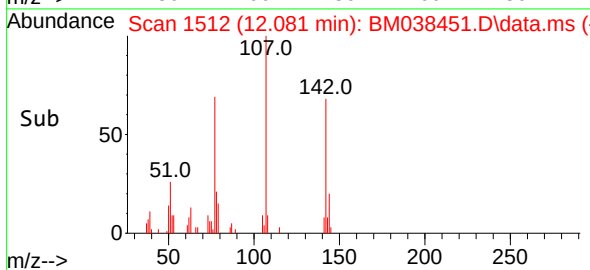
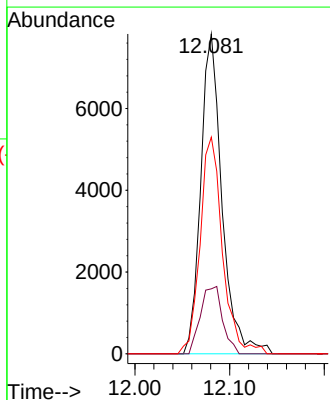
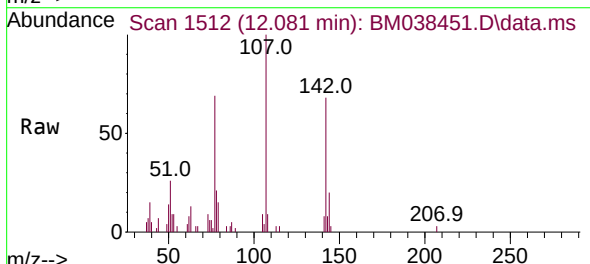
01/17/2023  
Supervised By :Jagrut  
Upadhyay

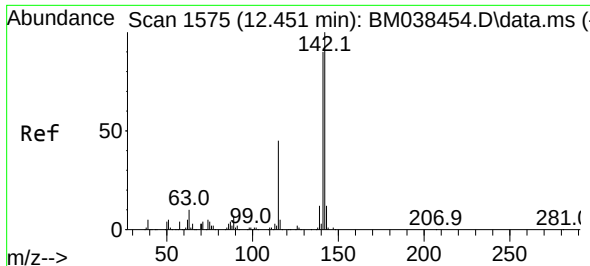
01/18/2023



#36  
4-Chloro-3-methylphenol  
Concen: 4.111 ng  
RT: 12.081 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

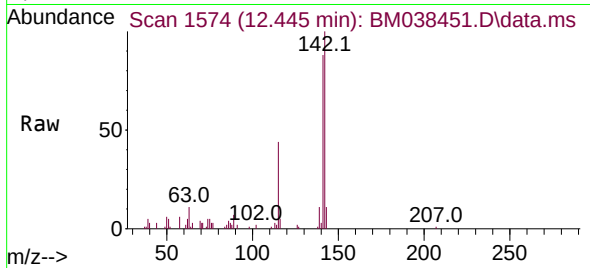
Tgt Ion:107 Resp: 12203  
Ion Ratio Lower Upper  
107 100  
144 20.3 20.3 30.5  
142 67.7 61.2 91.8





#37  
2-Methylnaphthalene  
Concen: 4.330 ng  
RT: 12.445 min Scan# 1574  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



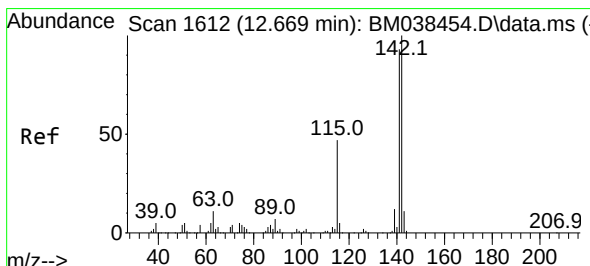
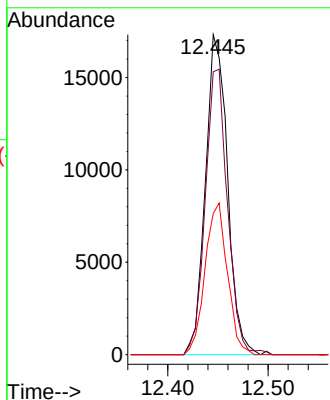
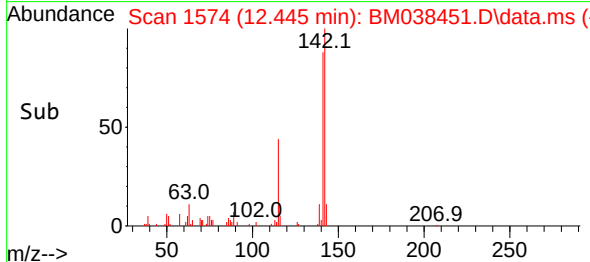
Tgt Ion:142 Resp: 26618  
Ion Ratio Lower Upper  
142 100  
141 88.4 72.0 108.0  
115 44.1 35.9 53.9

Manual Integrations  
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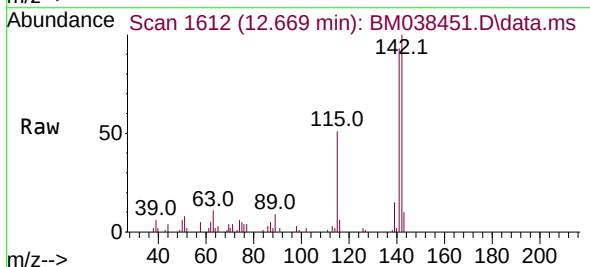
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

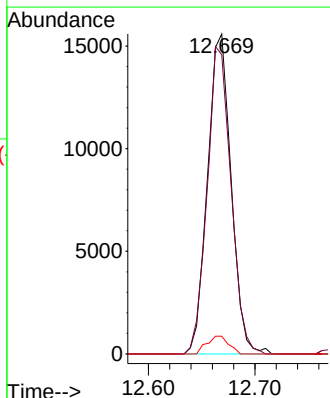
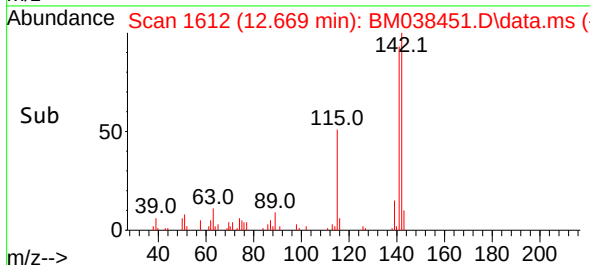
01/18/2023

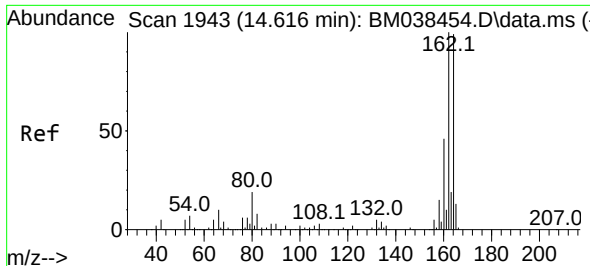


#38  
1-Methylnaphthalene  
Concen: 4.164 ng  
RT: 12.669 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



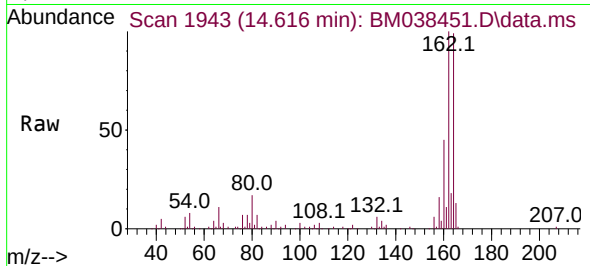
Tgt Ion:142 Resp: 24045  
Ion Ratio Lower Upper  
142 100  
141 93.5 74.4 111.6  
116 5.5 3.8 5.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.616 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



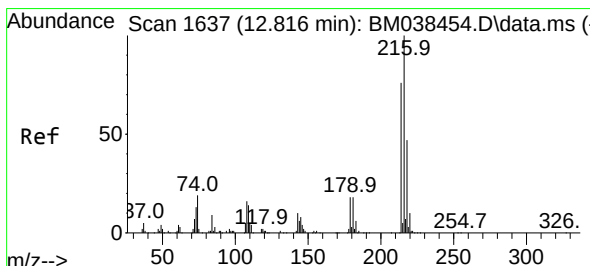
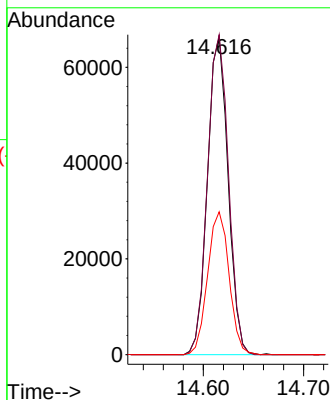
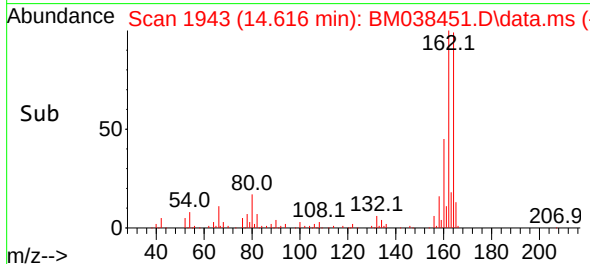
Tgt Ion:164 Resp: 94796  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.9 121.3  
160 44.9 37.4 56.0

Manual Integrations  
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Reviewed By :Christian  
Giraldo

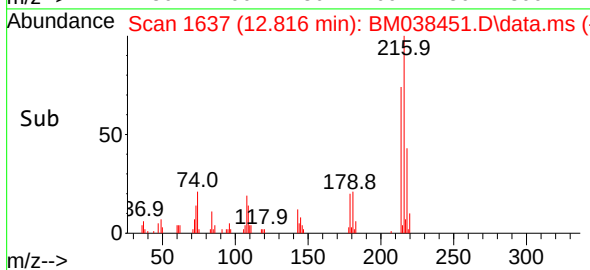
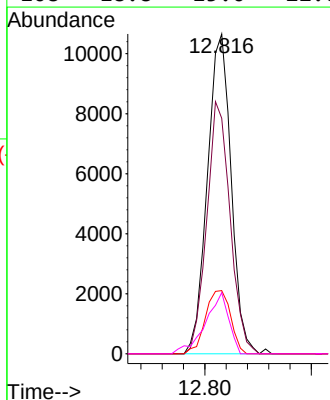
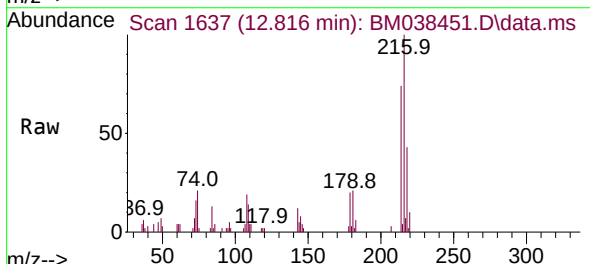
01/17/2023  
Supervised By :Jagrut  
Upadhyay

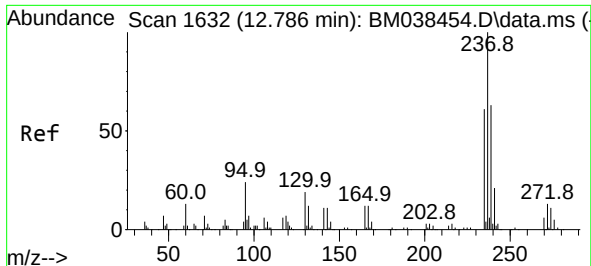
01/18/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.706 ng  
RT: 12.816 min Scan# 1637  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

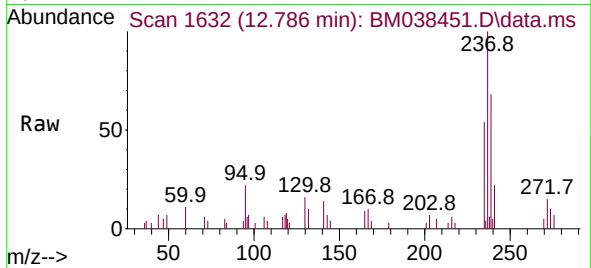
Tgt Ion:216 Resp: 16546  
Ion Ratio Lower Upper  
216 100  
214 77.2 61.4 92.0  
179 20.9 15.3 22.9  
108 18.8 15.0 22.6





#41  
Hexachlorocyclopentadiene  
Concen: 4.180 ng  
RT: 12.786 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



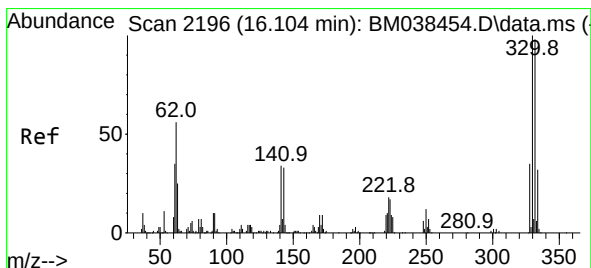
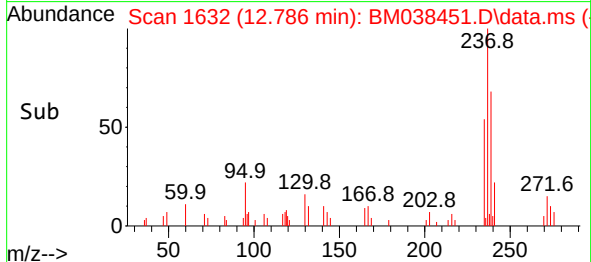
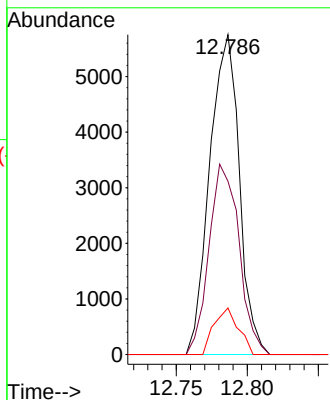
Tgt Ion: 237 Resp: 8323  
Ion Ratio Lower Upper  
237 100  
235 54.2 40.9 80.9  
272 14.6 0.0 32.6

Manual Integrations  
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Reviewed By : Christian  
Giraldo

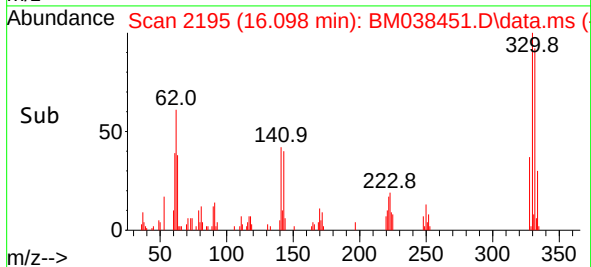
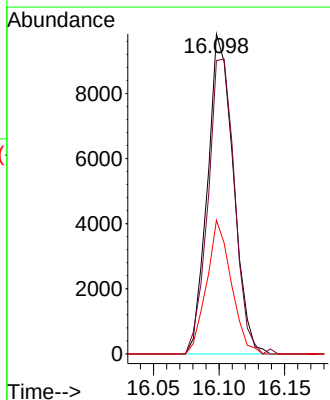
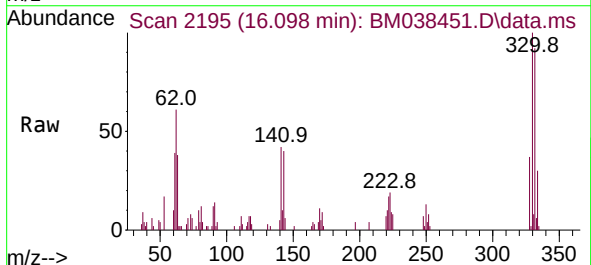
01/17/2023  
Supervised By : Jagrut  
Upadhyay

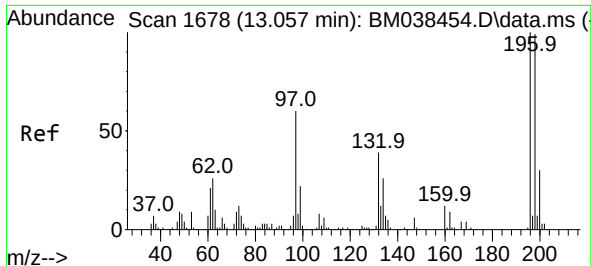
01/18/2023



#42  
2,4,6-Tribromophenol  
Concen: 8.761 ng  
RT: 16.098 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

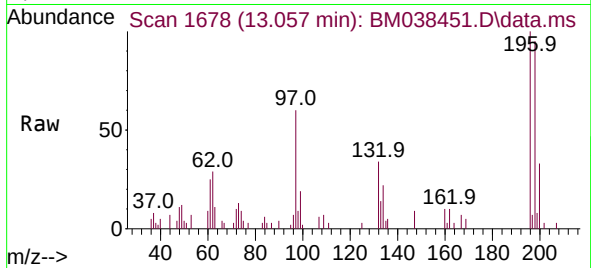
Tgt Ion: 330 Resp: 13482  
Ion Ratio Lower Upper  
330 100  
332 95.2 77.0 115.4  
141 39.7 28.1 42.1





#43  
2,4,6-Trichlorophenol  
Concen: 4.153 ng  
RT: 13.057 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



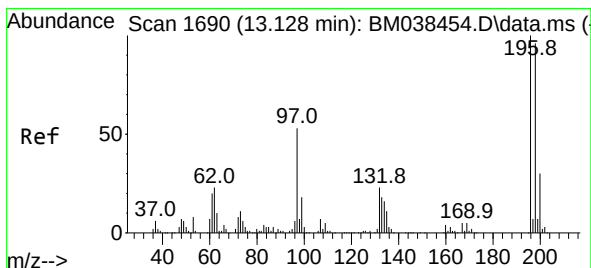
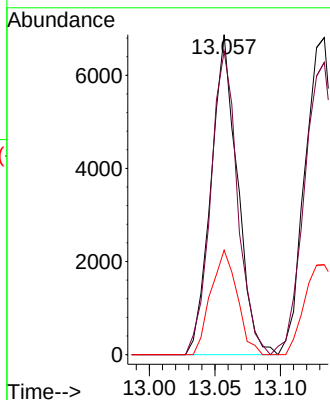
Tgt Ion:196 Resp: 9639  
Ion Ratio Lower Upper  
196 100  
198 94.8 78.8 118.2  
200 32.6 24.4 36.6

Manual Integrations  
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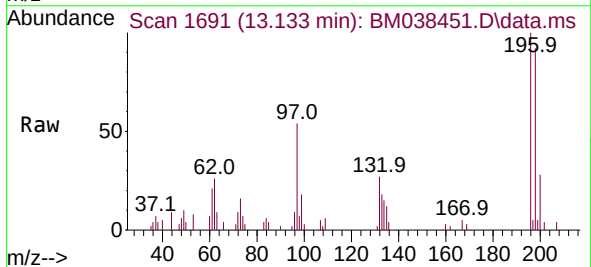
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

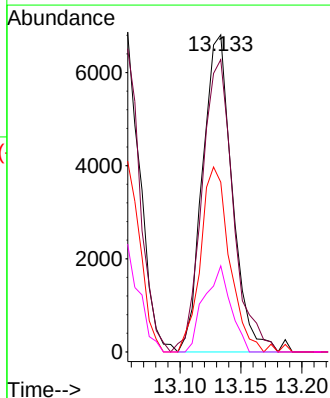
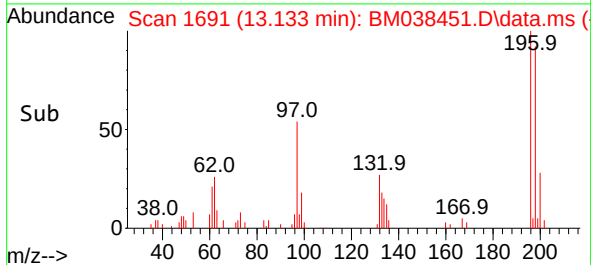
01/18/2023



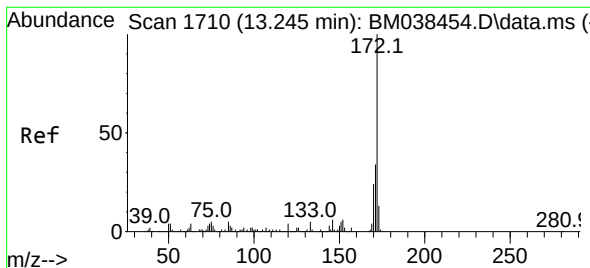
#44  
2,4,5-Trichlorophenol  
Concen: 4.211 ng  
RT: 13.133 min Scan# 1691  
Delta R.T. 0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



Tgt Ion:196 Resp: 11547  
Ion Ratio Lower Upper  
196 100  
198 92.2 77.4 116.2  
97 53.5 42.4 63.6  
132 27.1 18.6 27.8

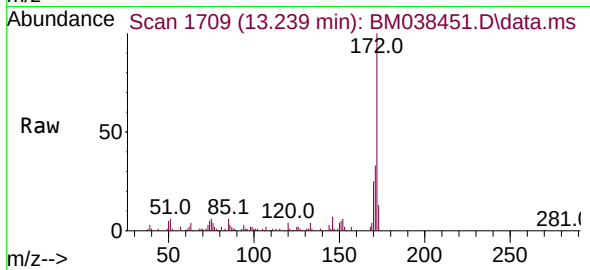






#45  
2-Fluorobiphenyl  
Concen: 8.577 ng  
RT: 13.239 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



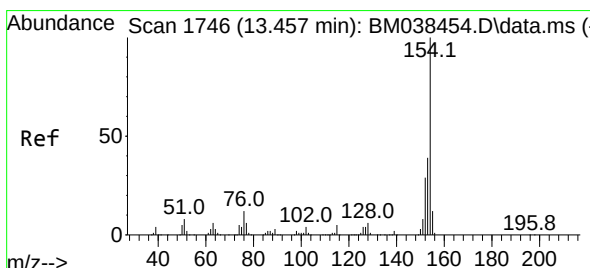
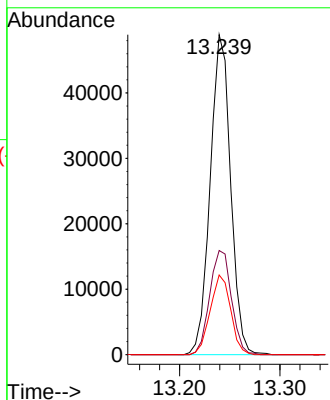
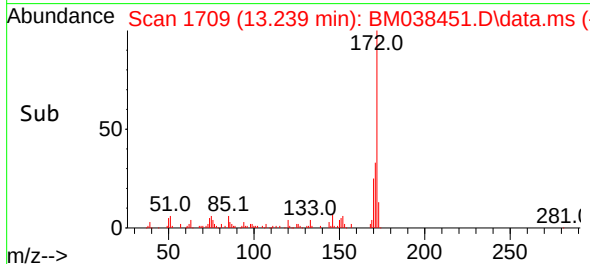
Tgt Ion:172 Resp: 69085  
Ion Ratio Lower Upper  
172 100  
171 32.5 27.5 41.3  
170 24.9 19.0 28.6

Manual Integrations  
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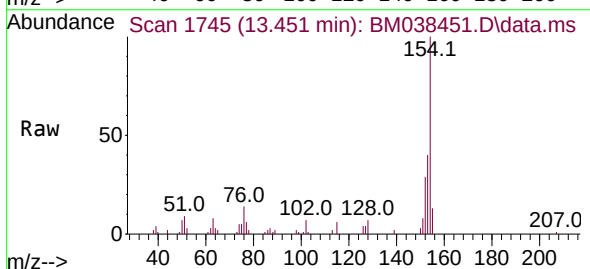
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

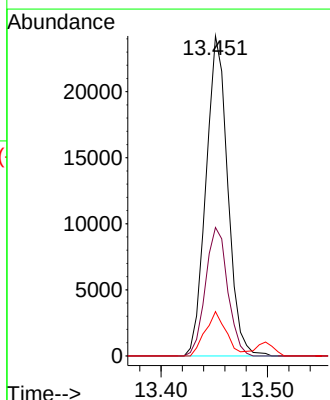
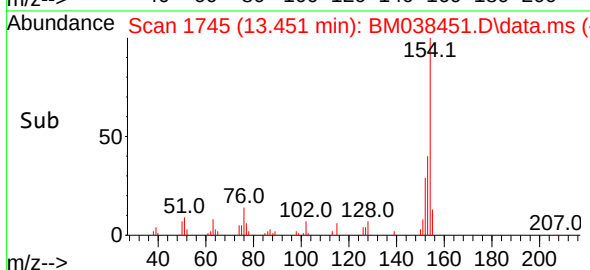
01/18/2023

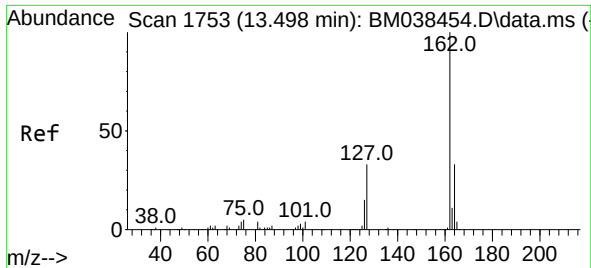


#46  
1,1'-Biphenyl  
Concen: 4.426 ng  
RT: 13.451 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



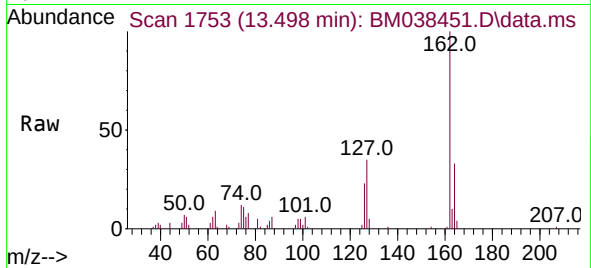
Tgt Ion:154 Resp: 34367  
Ion Ratio Lower Upper  
154 100  
153 40.1 19.3 59.3  
76 13.8 0.0 32.2





#47  
2-Chloronaphthalene  
Concen: 4.481 ng  
RT: 13.498 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



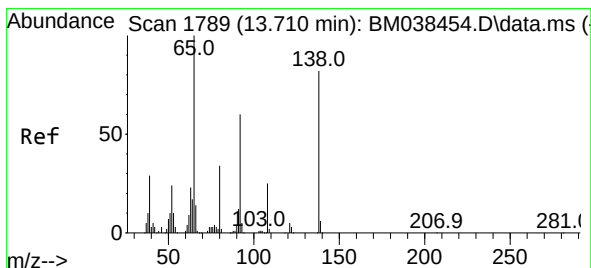
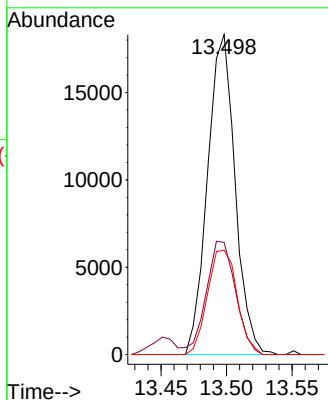
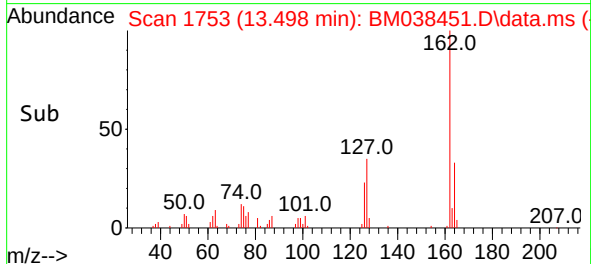
Tgt Ion:162 Resp: 26795  
Ion Ratio Lower Upper  
162 100  
127 35.1 29.5 44.3  
164 32.7 26.2 39.4

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

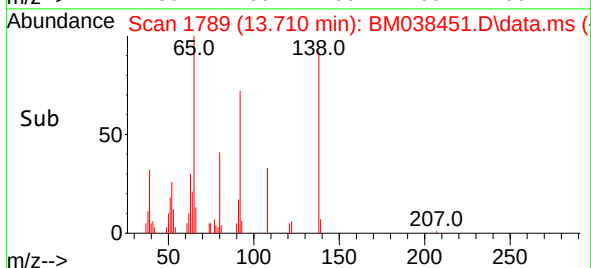
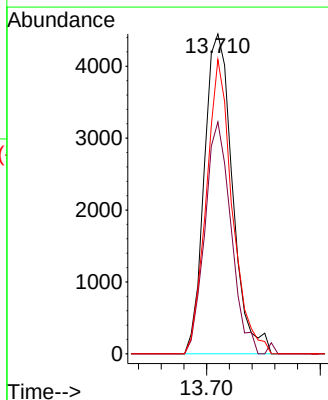
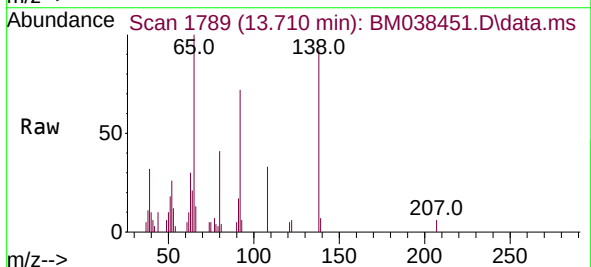
01/17/2023  
Supervised By :Jagrut  
Upadhyay

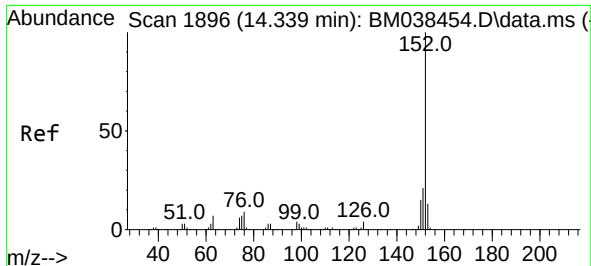
01/18/2023



#48  
2-Nitroaniline  
Concen: 3.293 ng  
RT: 13.710 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

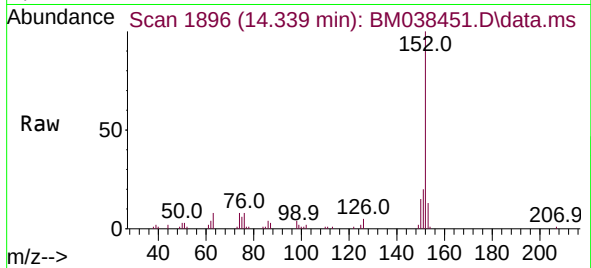
Tgt Ion: 65 Resp: 7655  
Ion Ratio Lower Upper  
65 100  
92 72.5 47.6 71.4#  
138 92.0 65.8 98.8





#49  
Acenaphthylene  
Concen: 4.374 ng  
RT: 14.339 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



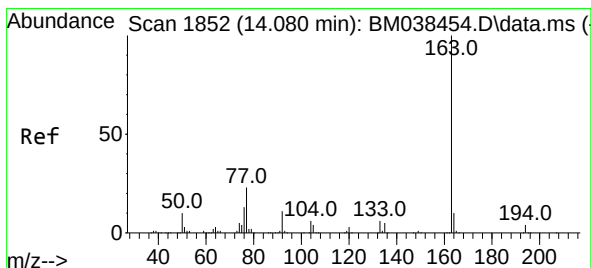
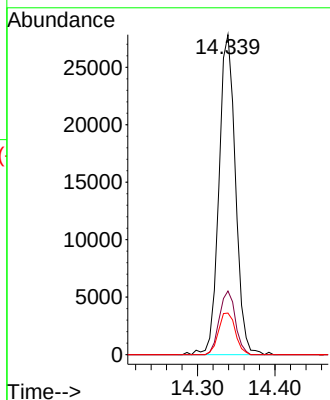
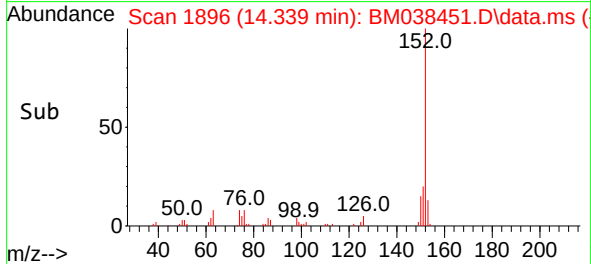
Tgt Ion:152 Resp: 41315  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.4 24.6  
153 13.0 10.6 15.8

Manual Integrations  
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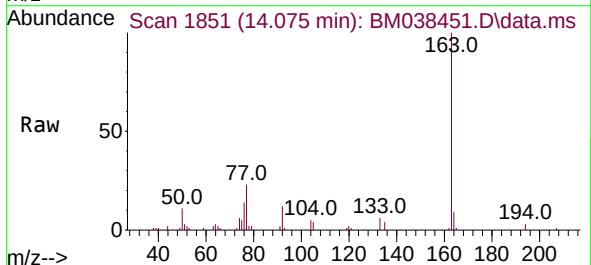
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

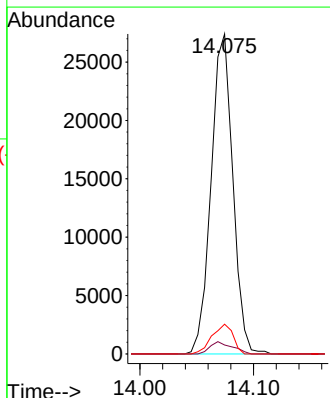
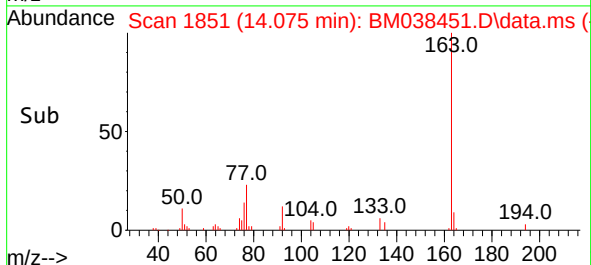
01/18/2023

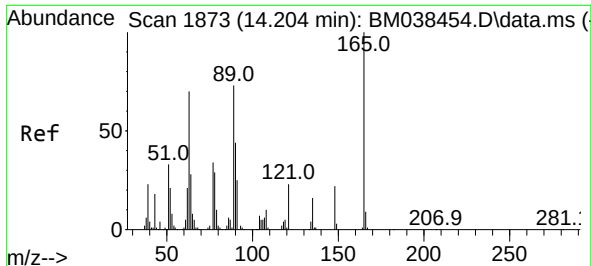


#50  
Dimethylphthalate  
Concen: 4.587 ng  
RT: 14.075 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



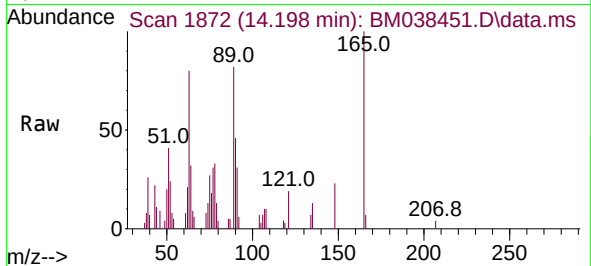
Tgt Ion:163 Resp: 36377  
Ion Ratio Lower Upper  
163 100  
194 2.8 3.6 5.4#  
164 9.3 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 4.083 ng  
RT: 14.198 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



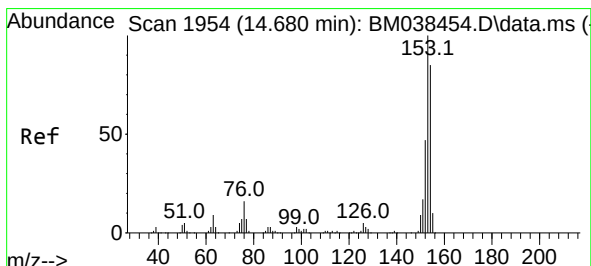
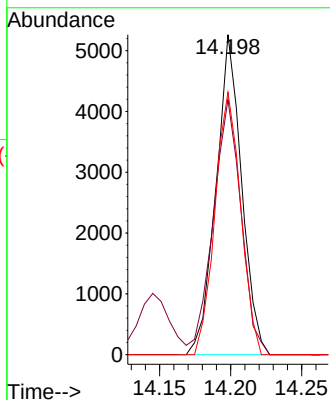
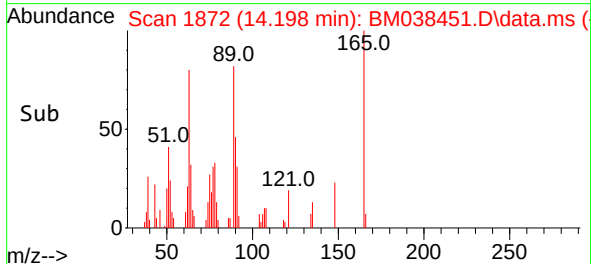
Tgt Ion:165 Resp: 6604  
Ion Ratio Lower Upper  
165 100  
63 79.7 60.9 91.3  
89 82.0 58.6 87.8

Manual Integrations  
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Reviewed By :Christian  
Giraldo

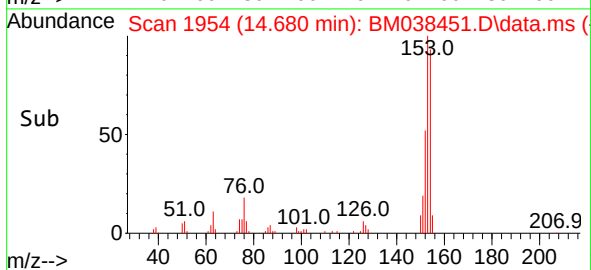
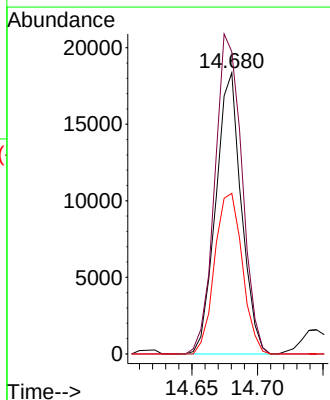
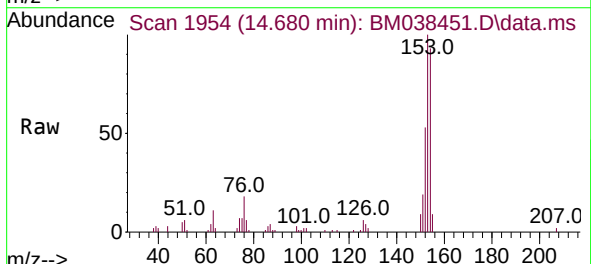
01/17/2023  
Supervised By :Jagrut  
Upadhyay

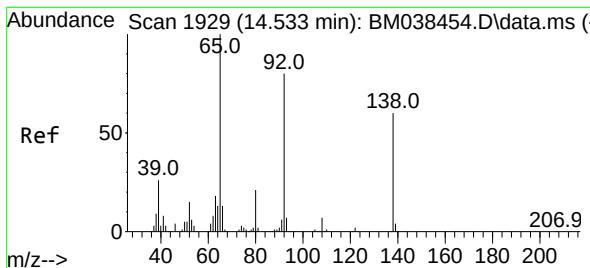
01/18/2023



#52  
Acenaphthene  
Concen: 4.310 ng  
RT: 14.680 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

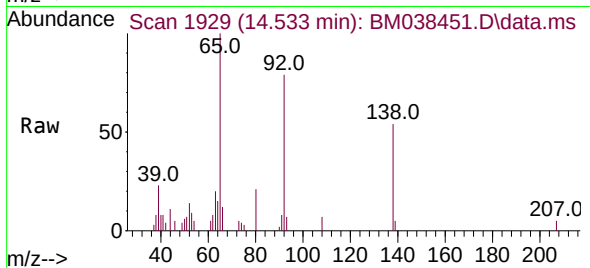
Tgt Ion:154 Resp: 24934  
Ion Ratio Lower Upper  
154 100  
153 107.5 93.8 140.6  
152 57.2 44.2 66.4





#53  
3-Nitroaniline  
Concen: 3.589 ng  
RT: 14.533 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



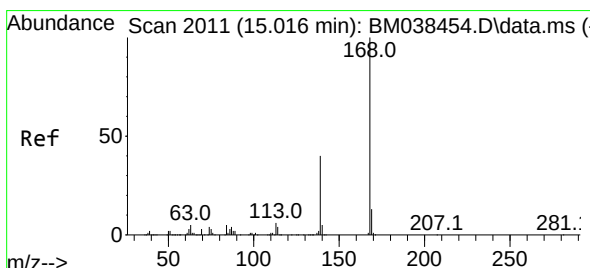
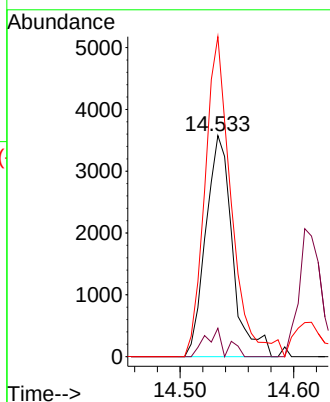
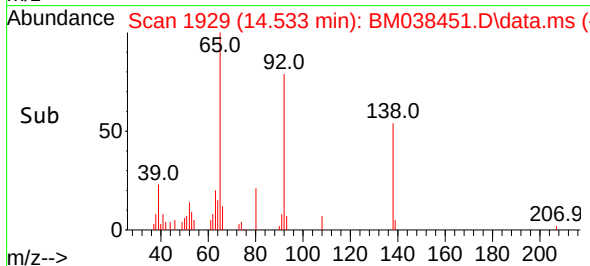
Tgt Ion:138 Resp: 5852  
Ion Ratio Lower Upper  
138 100  
108 12.8 8.9 13.3  
92 144.8 106.4 159.6

Manual Integrations  
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Reviewed By :Christian  
Giraldo

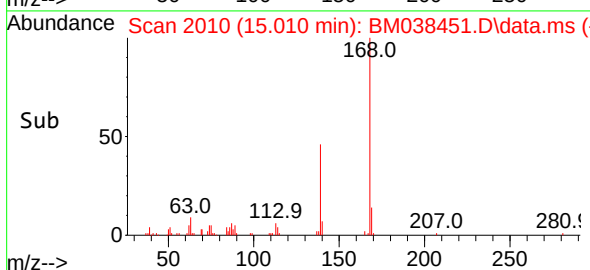
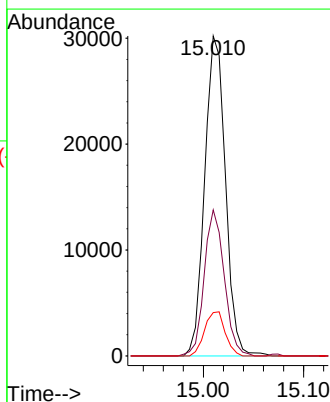
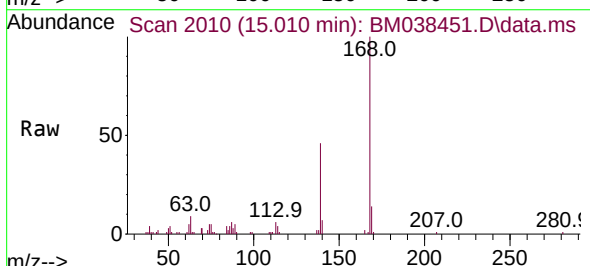
01/17/2023  
Supervised By :Jagrut  
Upadhyay

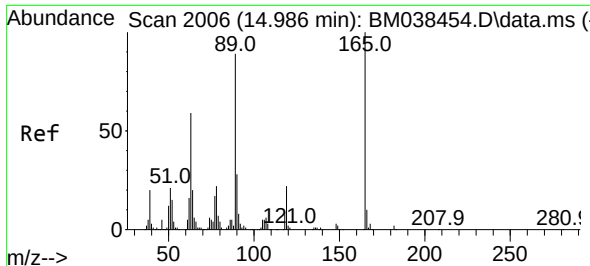
01/18/2023



#55  
Dibenzofuran  
Concen: 4.440 ng  
RT: 15.010 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Tgt Ion:168 Resp: 43339  
Ion Ratio Lower Upper  
168 100  
139 45.6 31.9 47.9  
169 13.5 10.5 15.7





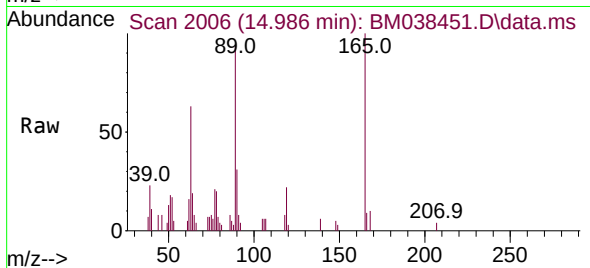
#57  
2,4-Dinitrotoluene  
Concen: 3.718 ng  
RT: 14.986 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :

BNA\_M

ClientSampleId :

SSTDIC005



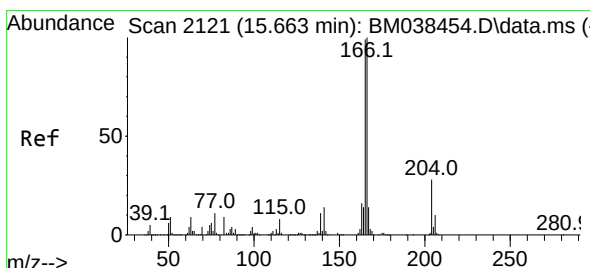
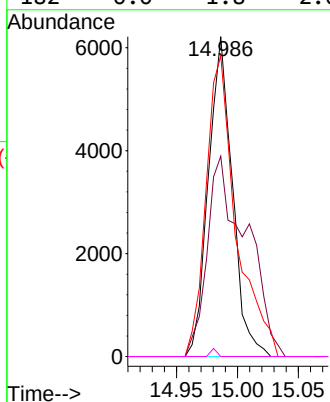
Tgt Ion:165 Resp: 8510  
Ion Ratio Lower Upper  
165 100  
63 62.6 47.7 71.5  
89 94.0 71.5 107.3  
182 0.0 1.8 2.6

Manual Integrations  
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Reviewed By :Christian  
Giraldo

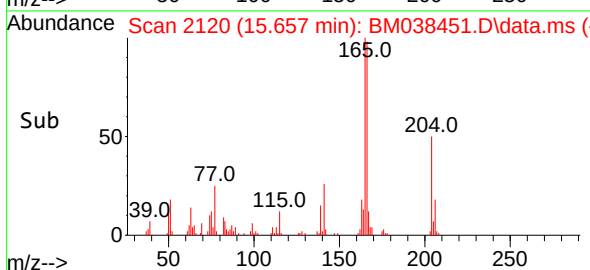
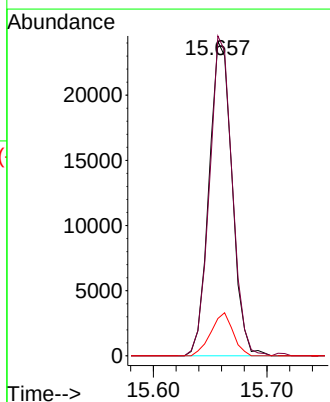
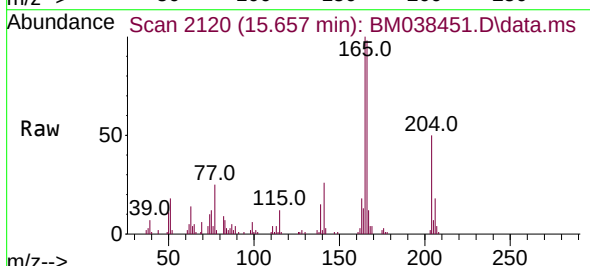
01/17/2023  
Supervised By :Jagrut  
Upadhyay

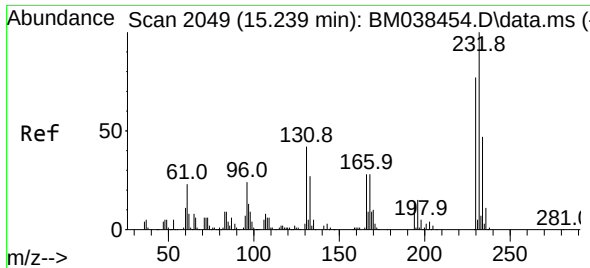
01/18/2023



#58  
Fluorene  
Concen: 4.058 ng  
RT: 15.657 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

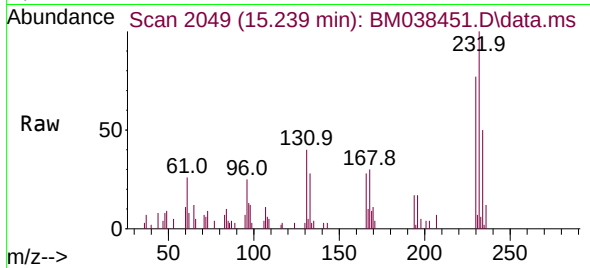
Tgt Ion:166 Resp: 34027  
Ion Ratio Lower Upper  
166 100  
165 101.8 79.2 118.8  
167 11.9 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.377 ng  
RT: 15.239 min Scan# 2049  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



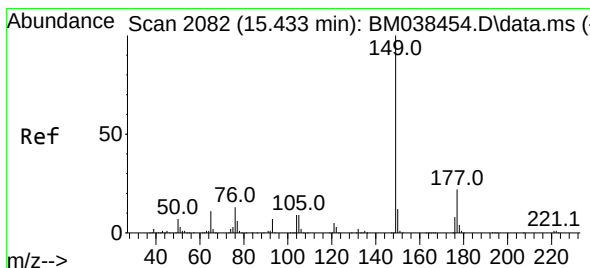
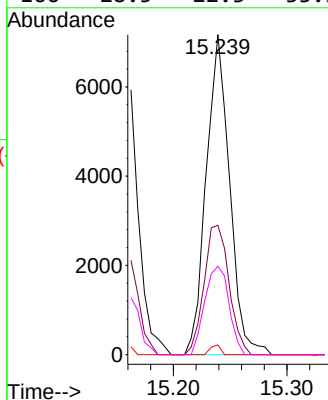
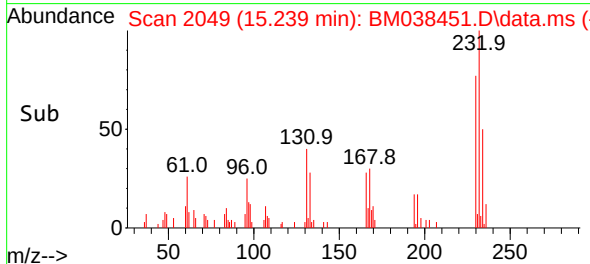
Tgt Ion:232 Resp: 10258  
Ion Ratio Lower Upper  
232 100  
131 43.2 33.8 50.6  
130 1.3 1.9 2.9  
166 28.5 22.3 33.5

Manual Integrations  
APPROVED

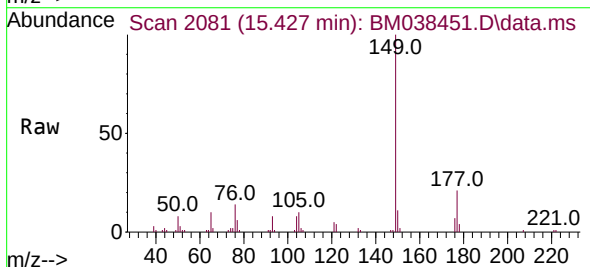
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

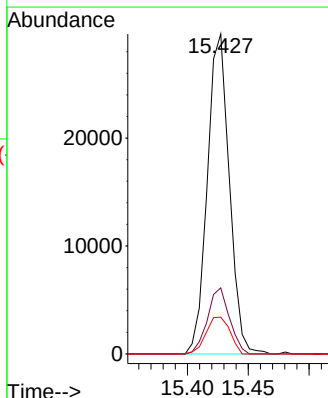
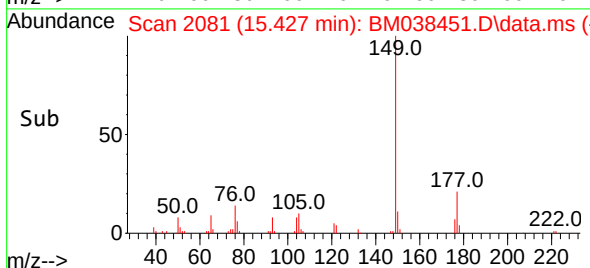
01/18/2023

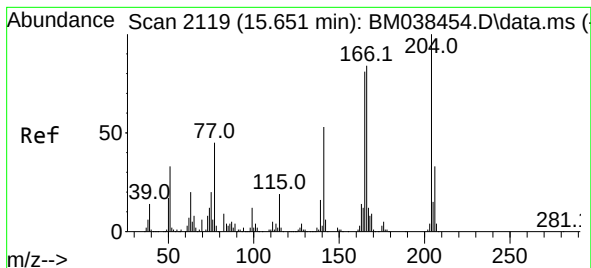


#60  
Diethylphthalate  
Concen: 4.449 ng  
RT: 15.427 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



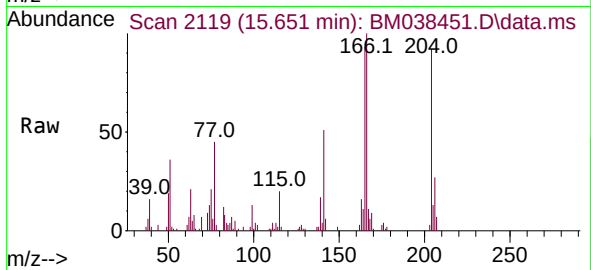
Tgt Ion:149 Resp: 37215  
Ion Ratio Lower Upper  
149 100  
177 20.6 17.8 26.6  
150 11.5 9.5 14.3





#61  
4-Chlorophenyl-phenylether  
Concen: 4.315 ng  
RT: 15.651 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



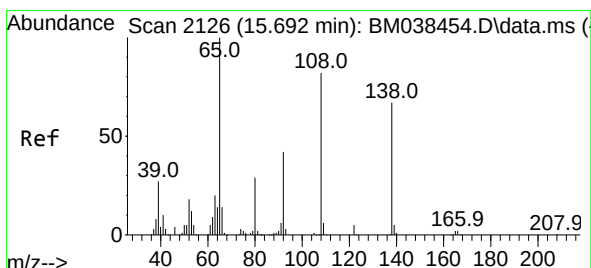
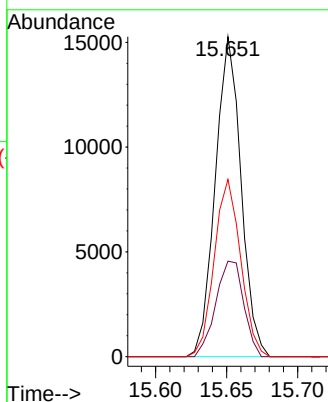
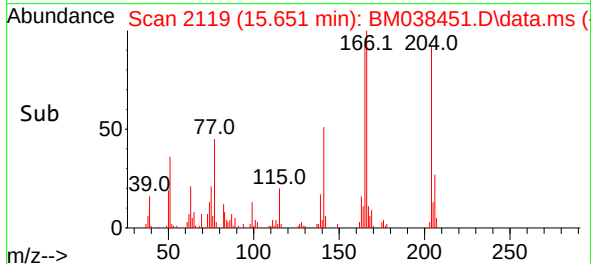
Tgt Ion:204 Resp: 19285  
Ion Ratio Lower Upper  
204 100  
206 29.8 26.2 39.4  
141 55.4 42.5 63.7

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

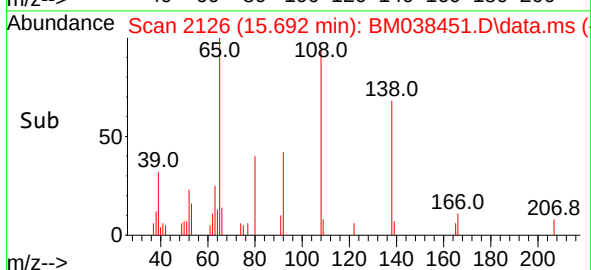
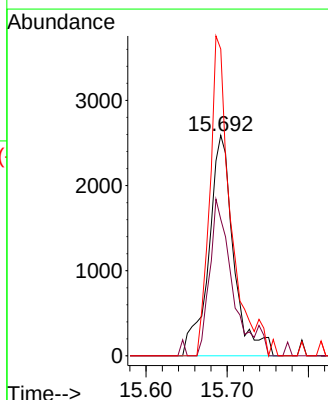
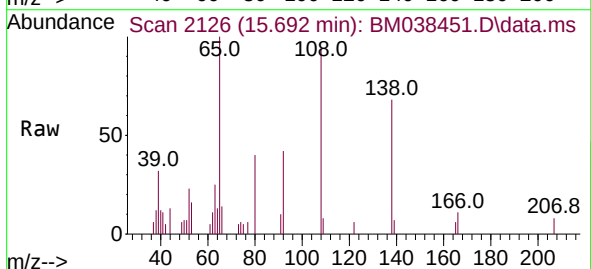
01/17/2023  
Supervised By :Jagrut  
Upadhyay

01/18/2023

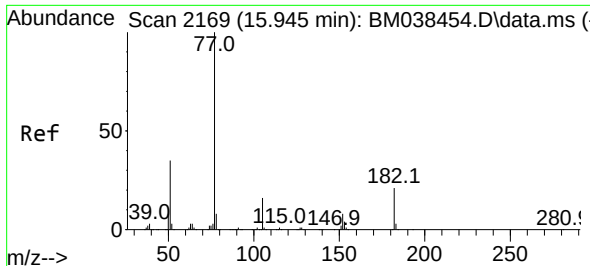


#62  
4-Nitroaniline  
Concen: 3.182 ng  
RT: 15.692 min Scan# 2126  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Tgt Ion:138 Resp: 5517  
Ion Ratio Lower Upper  
138 100  
92 61.9 42.1 82.1  
108 139.1 102.5 142.5

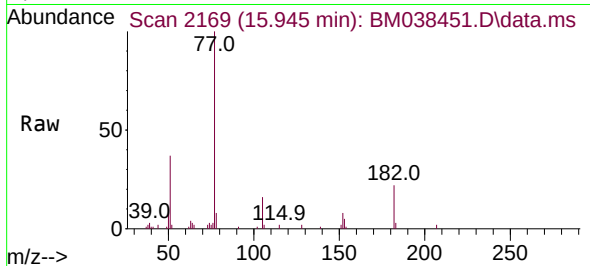






#63  
Azobenzene  
Concen: 4.134 ng  
RT: 15.945 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



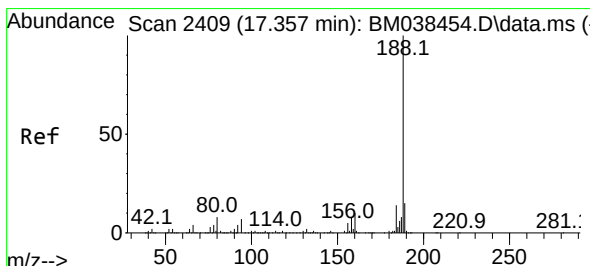
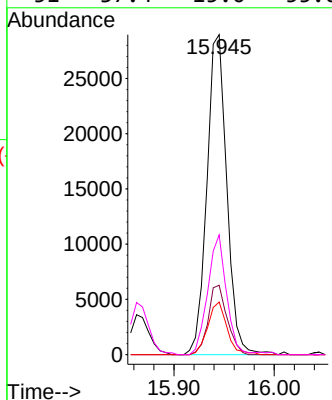
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 39914 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 21.7    | 1.1 41.1    |
| 105 16.4    | 0.0 36.4    |
| 51 37.4     | 15.0 55.0   |

Manual Integrations  
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Reviewed By :Christian  
Giraldo

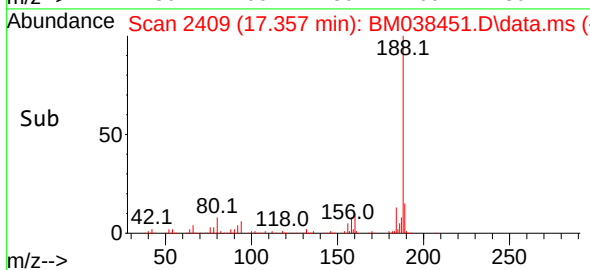
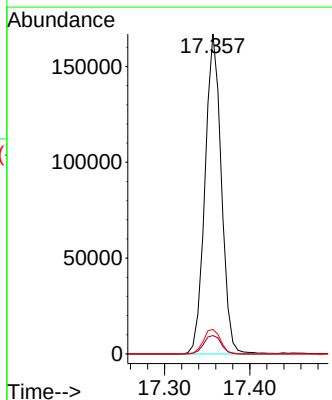
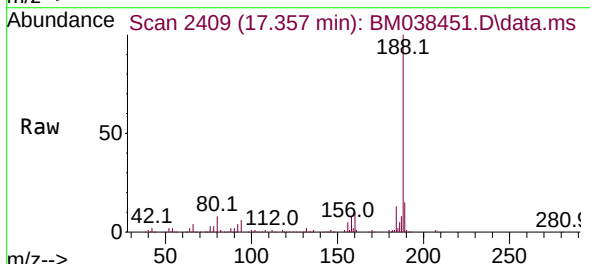
01/17/2023  
Supervised By :Jagrut  
Upadhyay

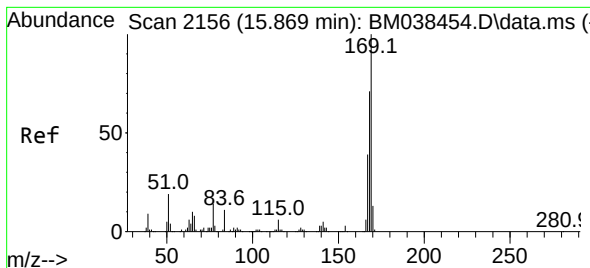
01/18/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.357 min Scan# 2409  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

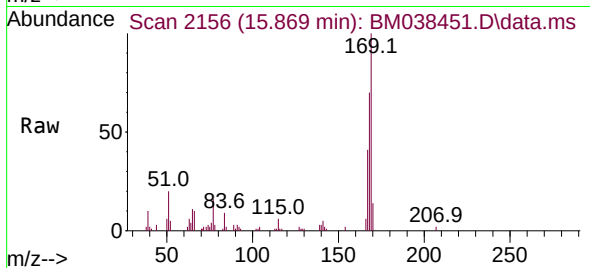
|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 222230 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 5.7       | 5.4 8.0      |
| 80 7.6       | 6.5 9.7      |





#66  
n-Nitrosodiphenylamine  
Concen: 4.288 ng  
RT: 15.869 min Scan# 2156  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



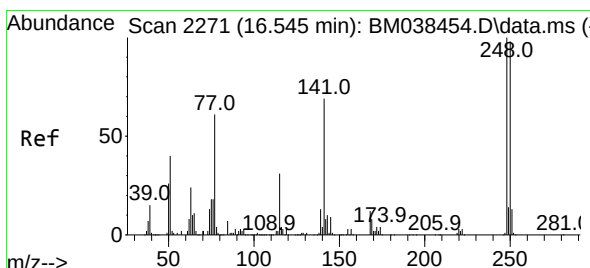
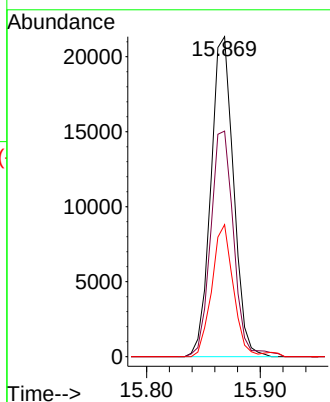
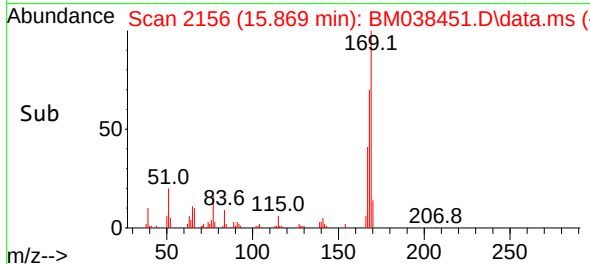
Tgt Ion:169 Resp: 29614  
Ion Ratio Lower Upper  
169 100  
168 70.5 56.6 85.0  
167 41.2 31.1 46.7

Manual Integrations  
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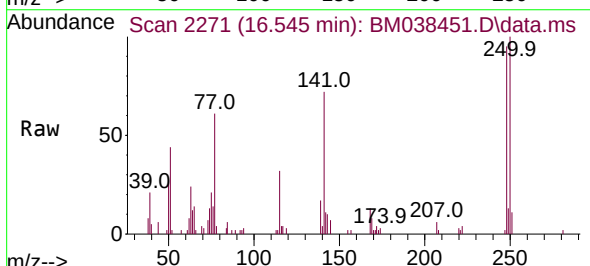
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

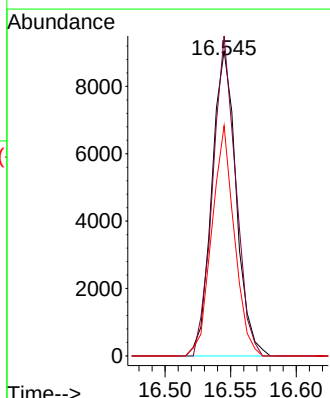
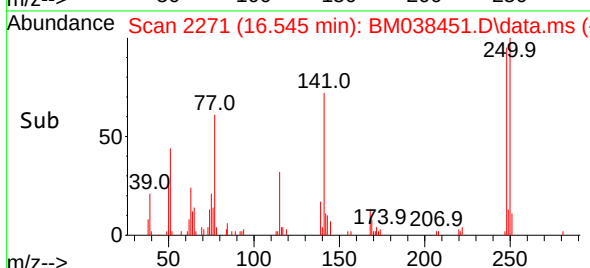
01/18/2023

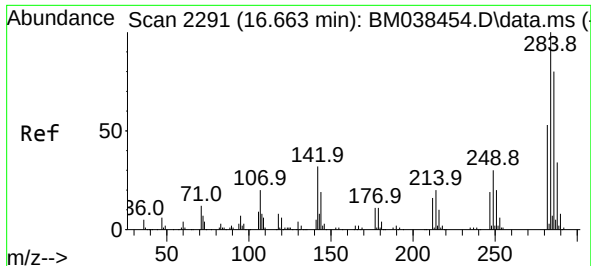


#67  
4-Bromophenyl-phenylether  
Concen: 4.492 ng  
RT: 16.545 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



Tgt Ion:248 Resp: 11754  
Ion Ratio Lower Upper  
248 100  
250 104.9 78.3 117.5  
141 75.4 55.1 82.7





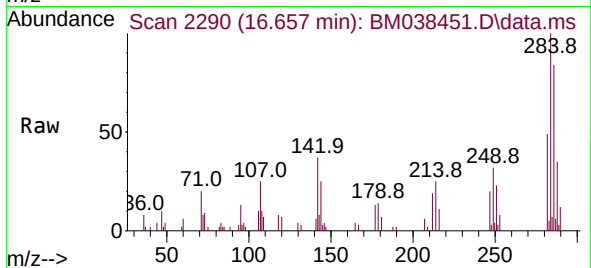
#68  
Hexachlorobenzene  
Concen: 4.792 ng  
RT: 16.657 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005



Tgt Ion:284 Resp: 13432  
Ion Ratio Lower Upper  
284 100  
142 37.3 26.0 39.0  
249 36.0 23.8 35.8

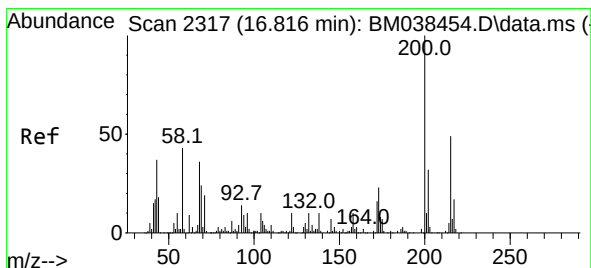
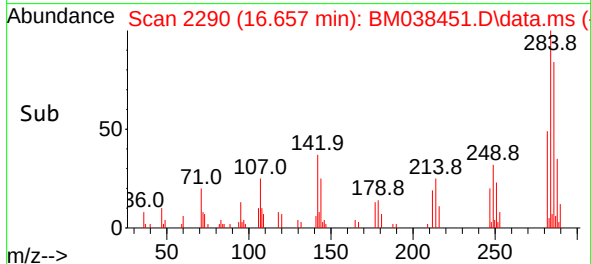
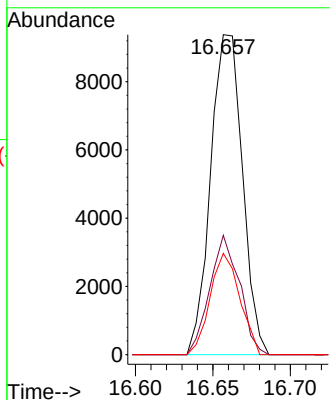
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

01/17/2023

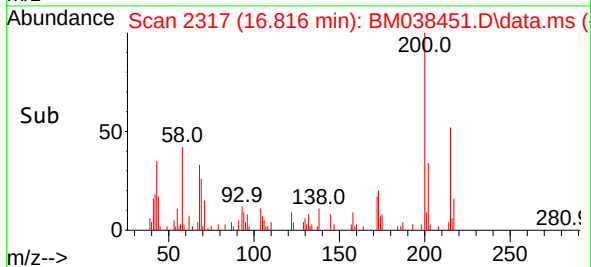
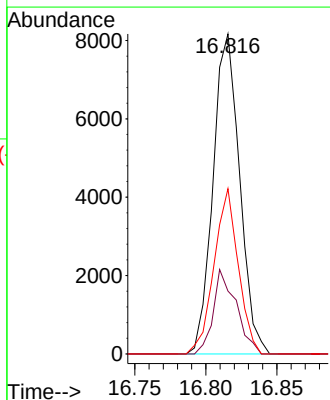
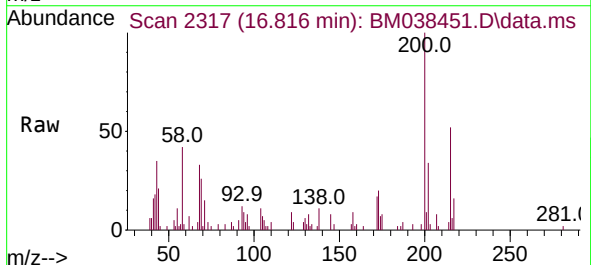
Supervised By :Jagrut  
Upadhyay

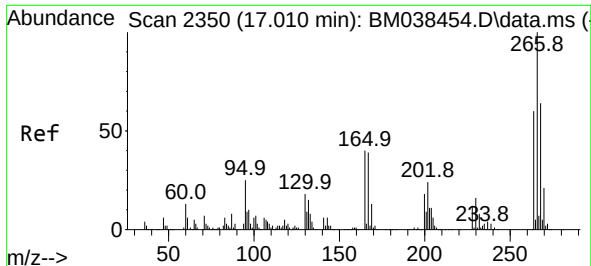
01/18/2023



#69  
Atrazine  
Concen: 4.367 ng  
RT: 16.816 min Scan# 2317  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Tgt Ion:200 Resp: 10642  
Ion Ratio Lower Upper  
200 100  
173 19.6 3.4 43.4  
215 51.6 29.3 69.3





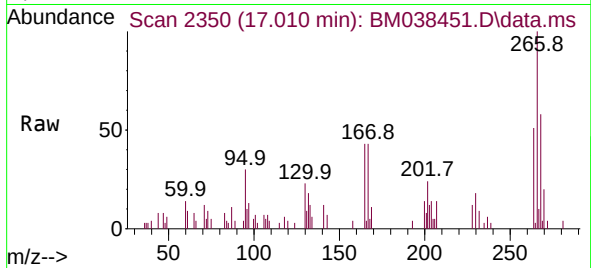
#70  
Pentachlorophenol  
Concen: 3.902 ng  
RT: 17.010 min Scan# 2350  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005



Tgt Ion:266 Resp: 8486  
Ion Ratio Lower Upper  
266 100  
268 57.8 51.4 77.0  
264 54.1 48.2 72.2

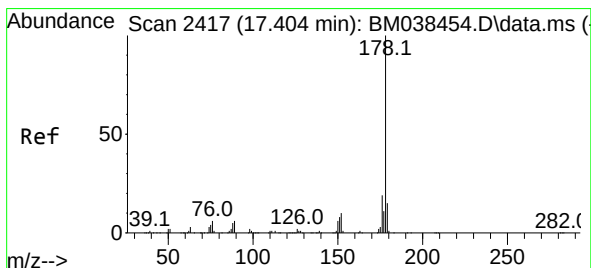
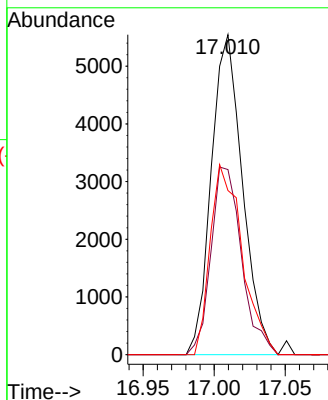
Manual Integrations  
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Reviewed By :Christian  
Giraldo

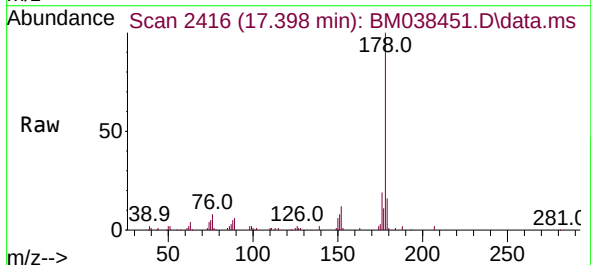
01/17/2023

Supervised By :Jagrut  
Upadhyay

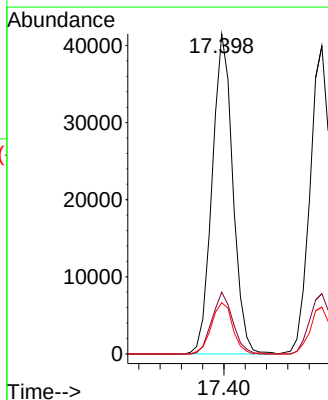
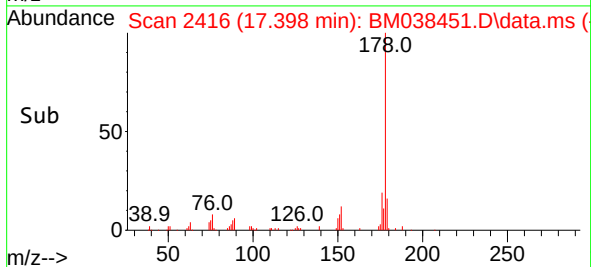
01/18/2023

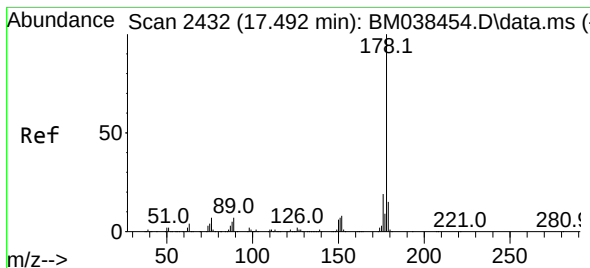


#71  
Phenanthrene  
Concen: 4.382 ng  
RT: 17.398 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



Tgt Ion:178 Resp: 56024  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.0  
179 16.0 12.1 18.1





#72

Anthracene

Concen: 4.339 ng

RT: 17.492 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BM038451.D

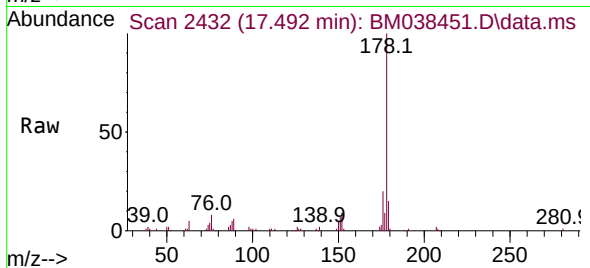
Acq: 16 Jan 2023 13:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 57262 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.6  | 15.0  | 22.6  |
| 179       | 15.2  | 12.2  | 18.2  |

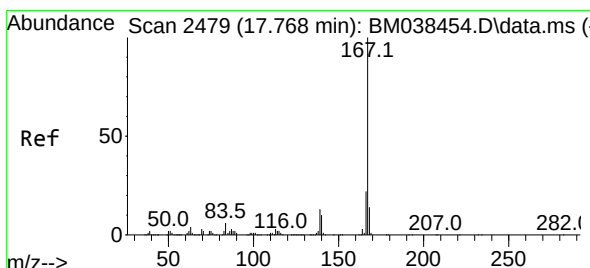
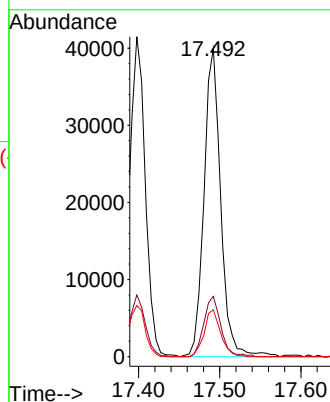
Manual Integrations  
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Reviewed By :Christian  
Giraldo

01/17/2023

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Upadhyay

01/18/2023



#73

Carbazole

Concen: 4.217 ng

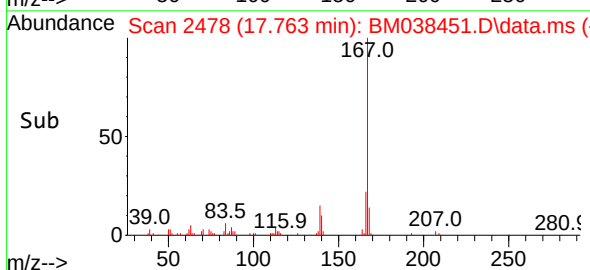
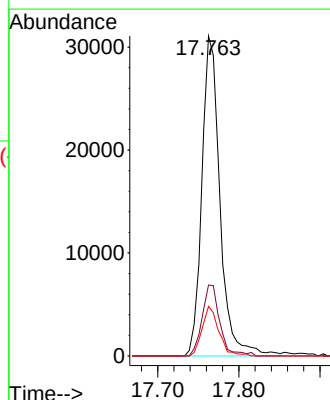
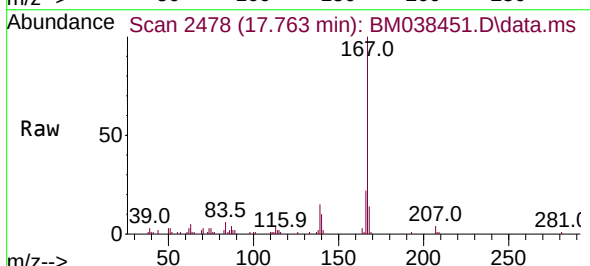
RT: 17.763 min Scan# 2478

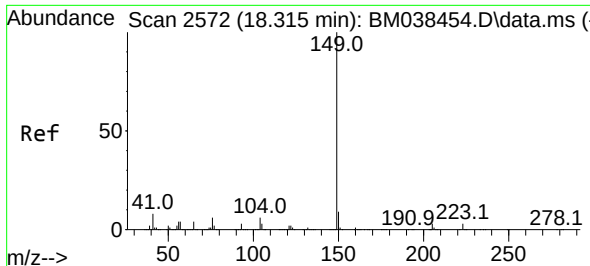
Delta R.T. -0.006 min

Lab File: BM038451.D

Acq: 16 Jan 2023 13:47

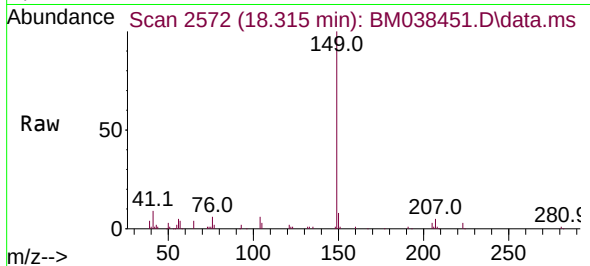
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 167   | Resp: | 48257 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 22.1  | 17.4  | 26.0  |
| 139       | 15.5  | 10.1  | 15.1  |





#74  
Di-n-butylphthalate  
Concen: 3.879 ng  
RT: 18.315 min Scan# 2572  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



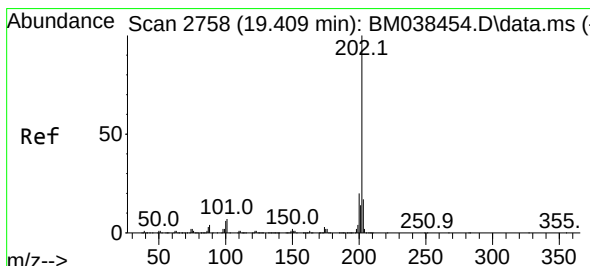
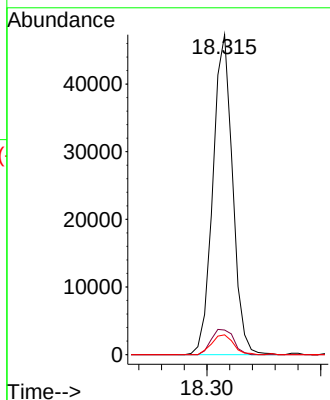
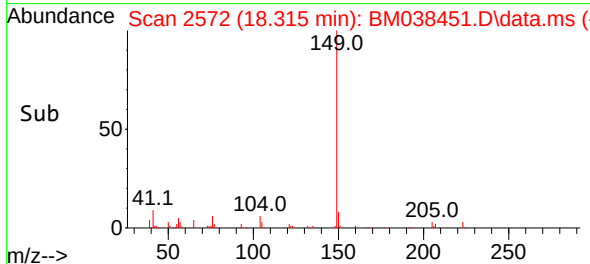
Tgt Ion:149 Resp: 56840  
Ion Ratio Lower Upper  
149 100  
150 7.7 7.4 11.2  
104 6.2 4.7 7.1

Manual Integrations  
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Reviewed By :Christian  
Giraldo

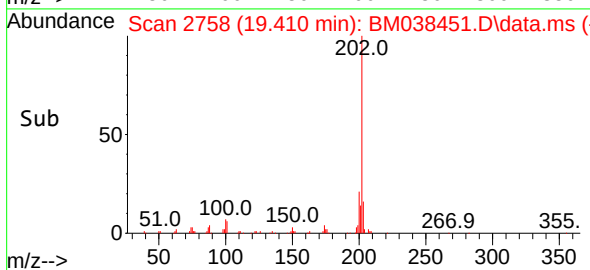
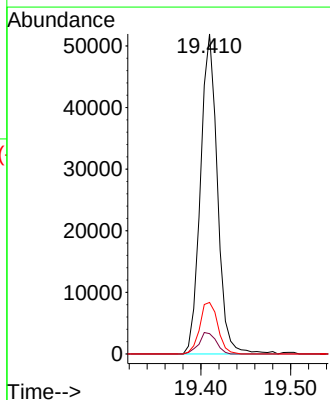
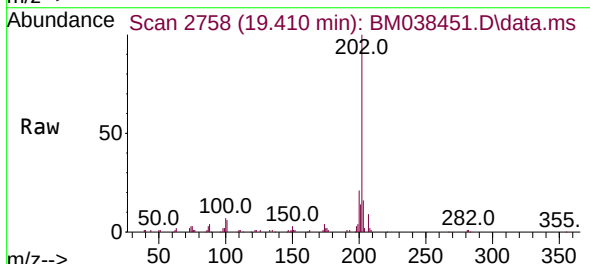
01/17/2023  
Supervised By :Jagrut  
Upadhyay

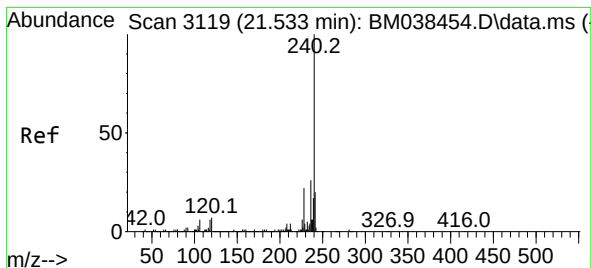
01/18/2023



#75  
Fluoranthene  
Concen: 4.273 ng  
RT: 19.410 min Scan# 2758  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Tgt Ion:202 Resp: 68092  
Ion Ratio Lower Upper  
202 100  
101 6.3 0.0 27.4  
203 16.1 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038451.D

Acq: 16 Jan 2023 13:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 256306

Ion Ratio Lower Upper

240 100

120 6.8 5.6 8.4

236 26.0 21.0 31.4

Manual Integrations

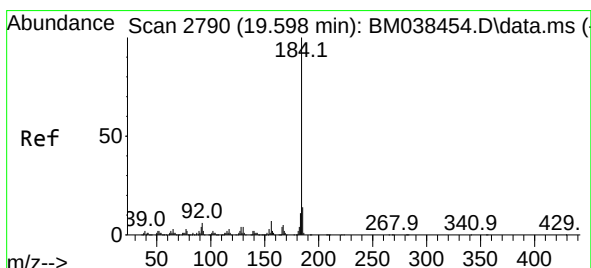
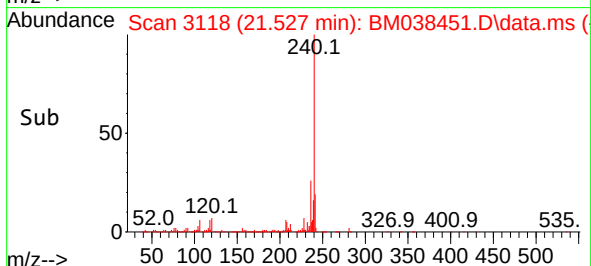
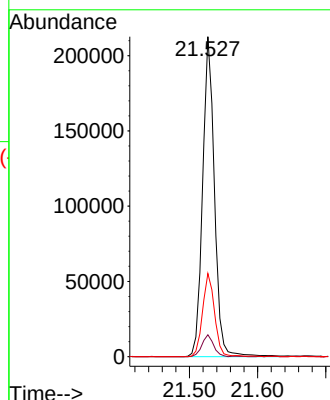
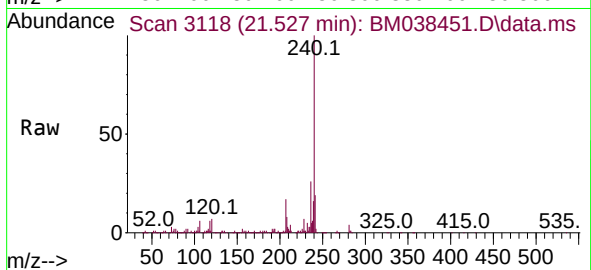
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Reviewed By :Christian  
Giraldo

01/17/2023

Supervised By :Jagrut  
Upadhyay

01/18/2023



#77

Benzidine

Concen: 4.553 ng

RT: 19.598 min Scan# 2790

Delta R.T. 0.000 min

Lab File: BM038451.D

Acq: 16 Jan 2023 13:47

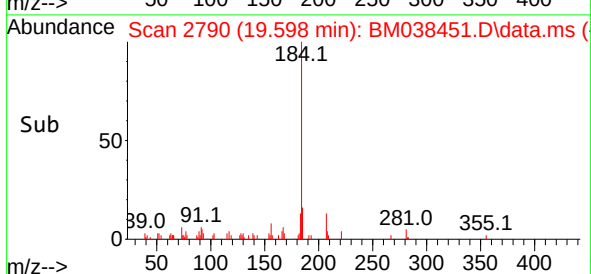
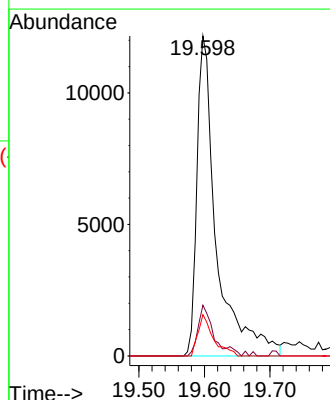
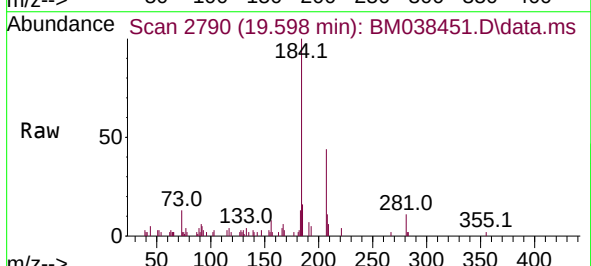
Tgt Ion:184 Resp: 25227

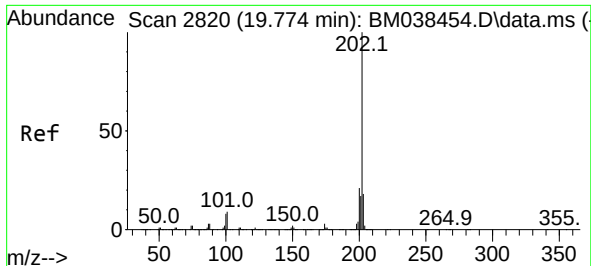
Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

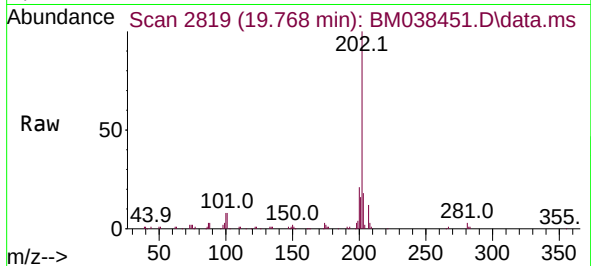
183 12.9 8.6 13.0





#78  
 Pyrene  
 Concen: 4.046 ng  
 RT: 19.768 min Scan# 2819  
 Delta R.T. -0.006 min  
 Lab File: BM038451.D  
 Acq: 16 Jan 2023 13:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005



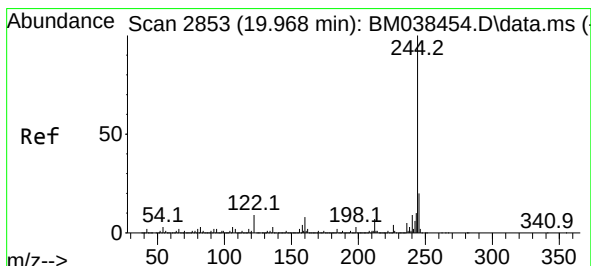
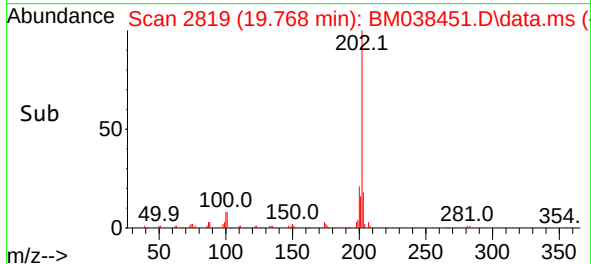
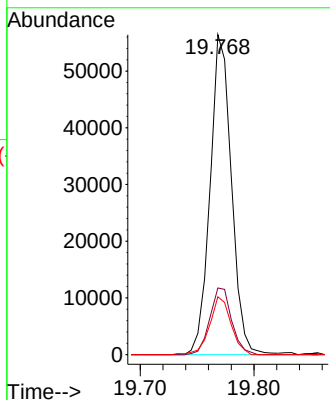
Tgt Ion:202 Resp: 73660  
 Ion Ratio Lower Upper  
 202 100  
 200 20.8 16.9 25.3  
 203 18.1 14.2 21.2

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 Giraldo

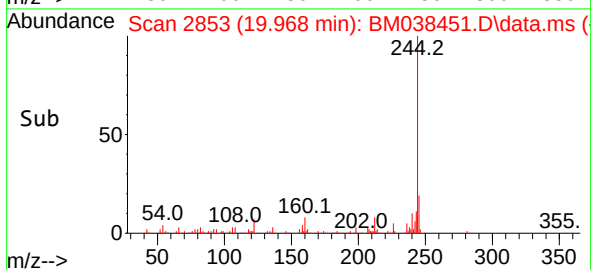
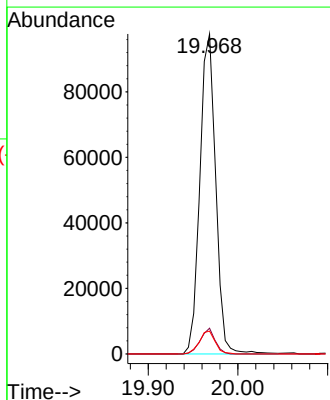
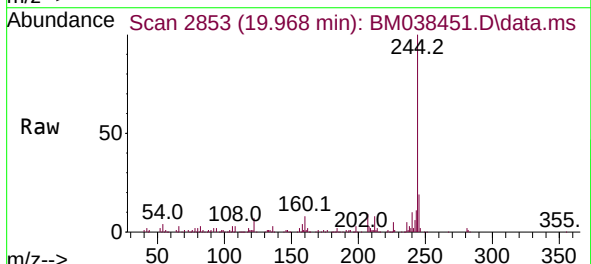
01/17/2023  
 Supervised By :Jagrut  
 Upadhyay

01/18/2023

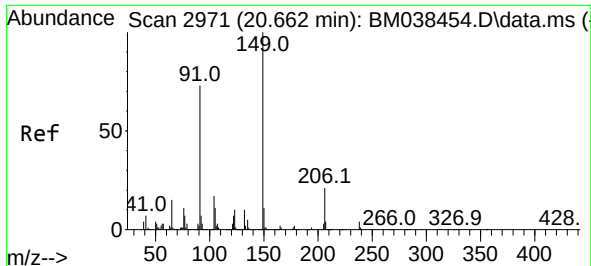


#79  
 Terphenyl-d14  
 Concen: 8.356 ng  
 RT: 19.968 min Scan# 2853  
 Delta R.T. 0.000 min  
 Lab File: BM038451.D  
 Acq: 16 Jan 2023 13:47

Tgt Ion:244 Resp: 119702  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 5.8 8.8  
 122 7.1 7.1 10.7#

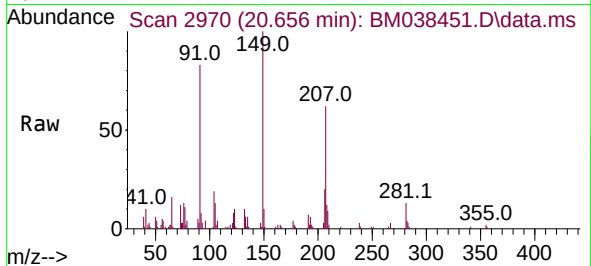






#80  
Butylbenzylphthalate  
Concen: 3.672 ng  
RT: 20.656 min Scan# 2971  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



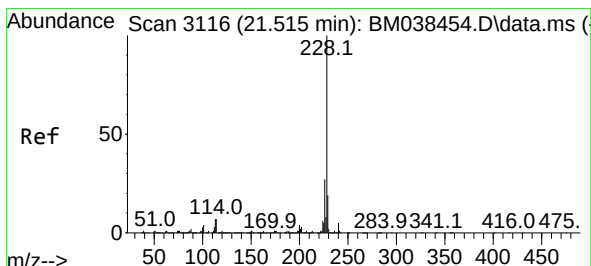
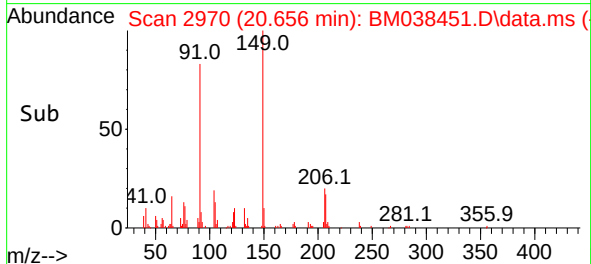
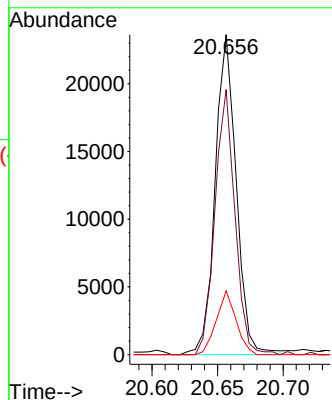
Tgt Ion:149 Resp: 26482  
Ion Ratio Lower Upper  
149 100  
91 82.8 58.3 87.5  
206 19.9 16.7 25.1

Manual Integrations  
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Reviewed By :Christian  
Giraldo

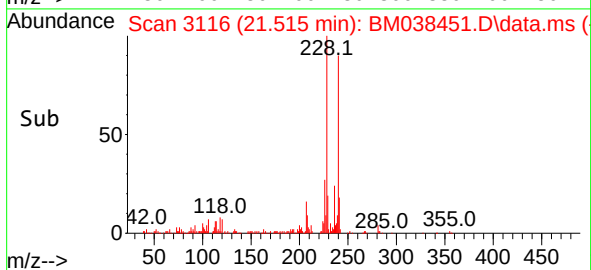
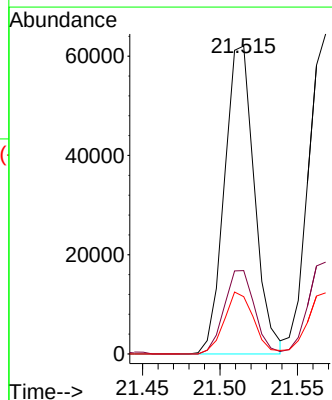
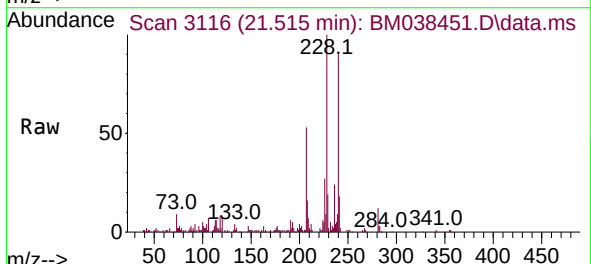
01/17/2023  
Supervised By :Jagrut  
Upadhyay

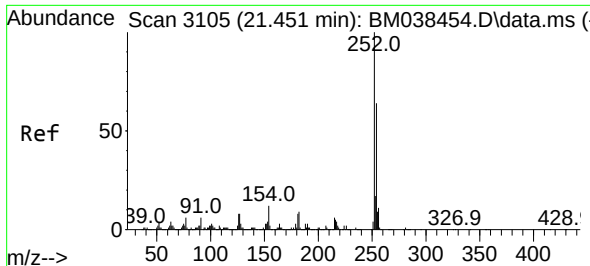
01/18/2023



#81  
Benzo(a)anthracene  
Concen: 4.490 ng  
RT: 21.515 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

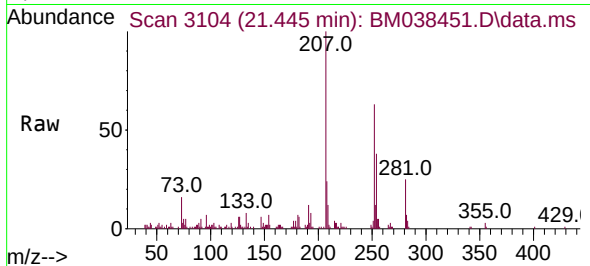
Tgt Ion:228 Resp: 83828  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.0 33.0  
229 18.6 15.4 23.0





#82  
3,3'-Dichlorobenzidine  
Concen: 4.335 ng  
RT: 21.445 min Scan# 3104  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



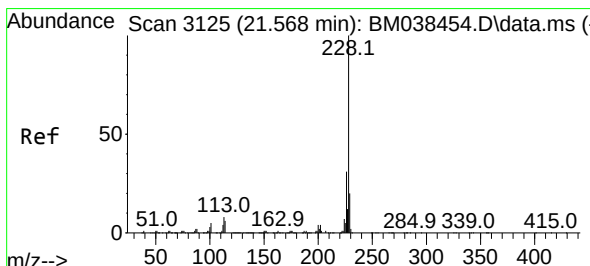
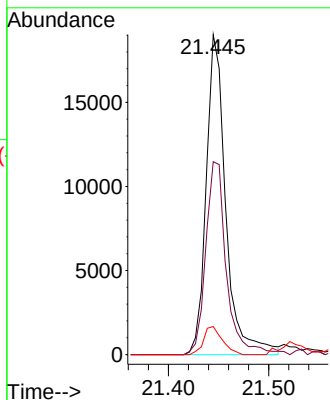
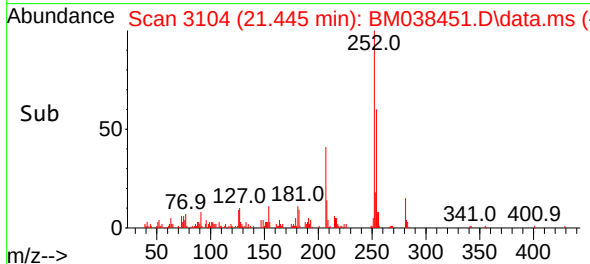
Tgt Ion:252 Resp: 25808  
Ion Ratio Lower Upper  
252 100  
254 60.3 51.2 76.8  
126 8.8 6.3 9.5

Manual Integrations  
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Reviewed By :Christian  
Giraldo

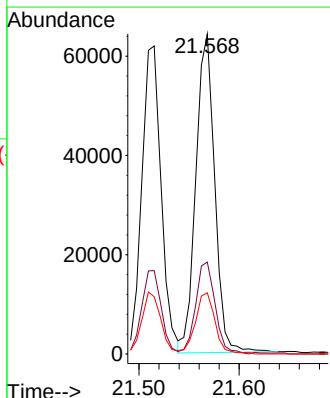
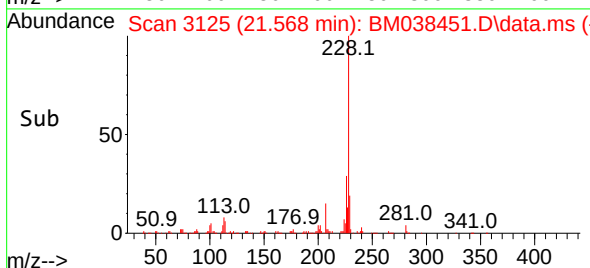
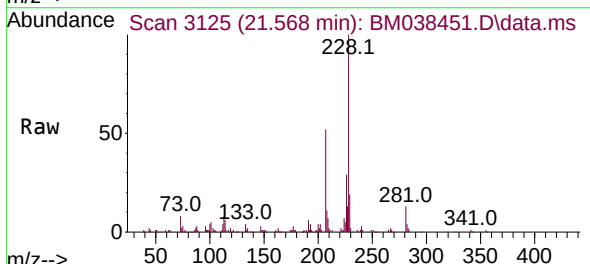
01/17/2023  
Supervised By :Jagrut  
Upadhyay

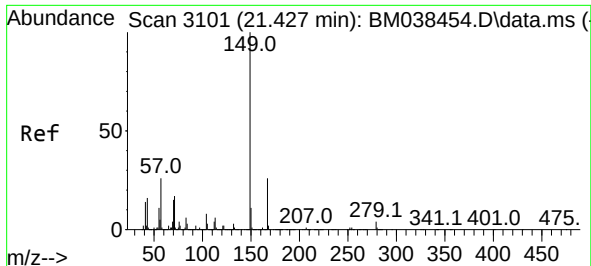
01/18/2023



#83  
Chrysene  
Concen: 4.703 ng  
RT: 21.568 min Scan# 3125  
Delta R.T. 0.000 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

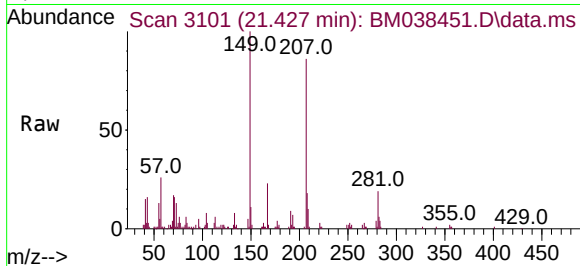
Tgt Ion:228 Resp: 83605  
Ion Ratio Lower Upper  
228 100  
226 28.7 24.6 36.8  
229 19.1 16.1 24.1





#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.487 ng  
 RT: 21.427 min Scan# 3101  
 Delta R.T. 0.000 min  
 Lab File: BM038451.D  
 Acq: 16 Jan 2023 13:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC005



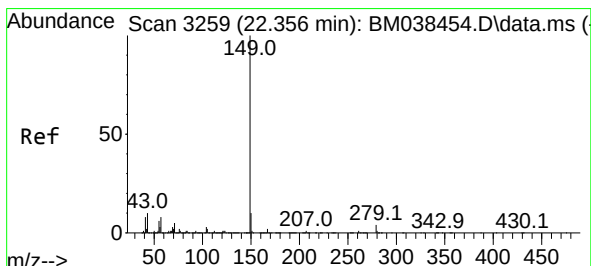
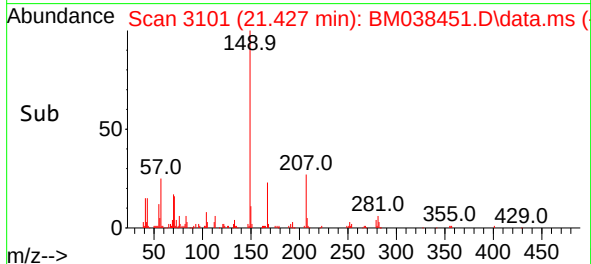
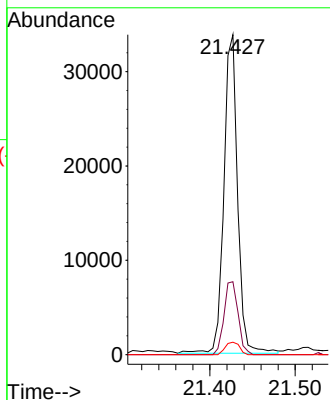
Tgt Ion:149 Resp: 37731  
 Ion Ratio Lower Upper  
 149 100  
 167 22.8 21.0 31.4  
 279 3.9 3.4 5.0

Manual Integrations  
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Reviewed By :Christian  
 Giraldo

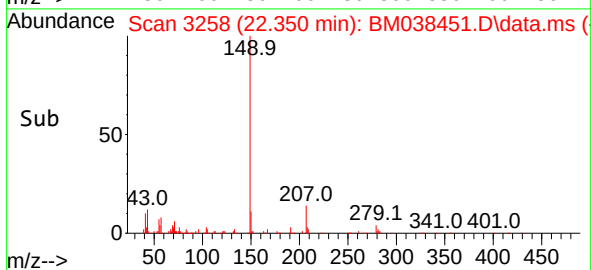
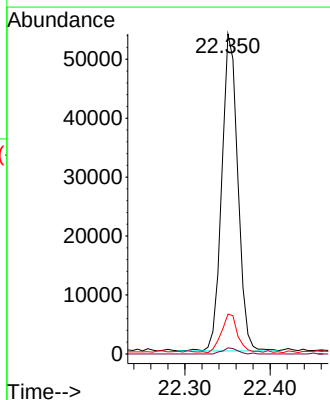
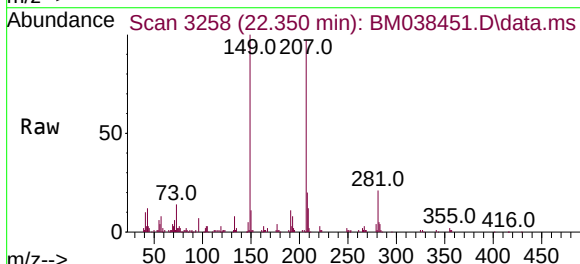
01/17/2023  
 Supervised By :Jagrut  
 Upadhyay

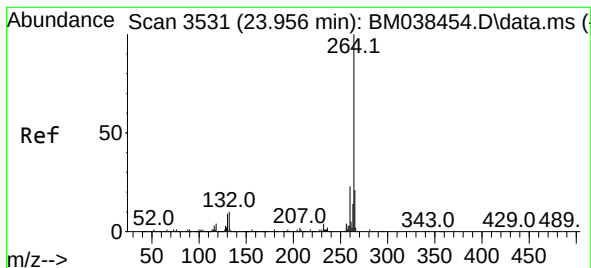
01/18/2023



#85  
 Di-n-octyl phthalate  
 Concen: 3.923 ng  
 RT: 22.350 min Scan# 3258  
 Delta R.T. -0.006 min  
 Lab File: BM038451.D  
 Acq: 16 Jan 2023 13:47

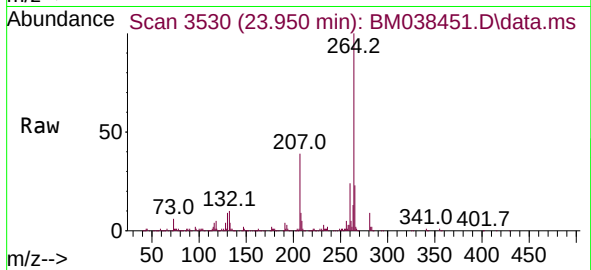
Tgt Ion:149 Resp: 70488  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.3 1.9  
 43 11.9 8.4 12.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.950 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



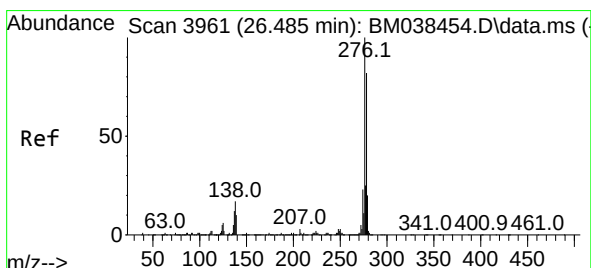
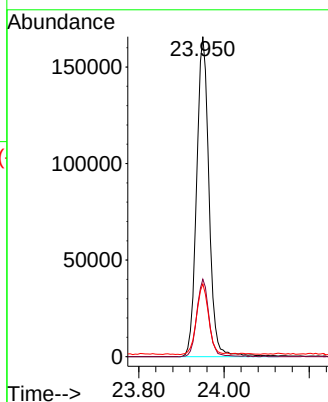
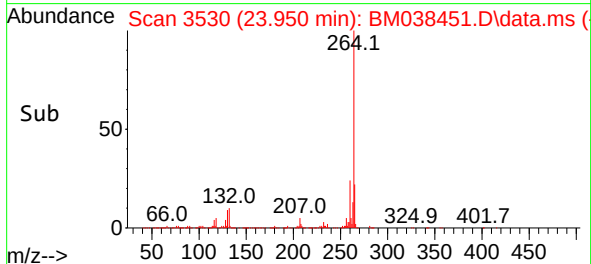
Tgt Ion:264 Resp: 334506  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.2 27.4  
265 22.7 17.2 25.8

Manual Integrations  
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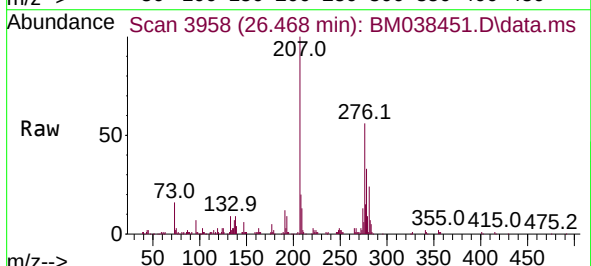
Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

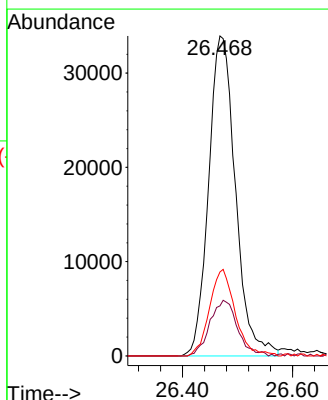
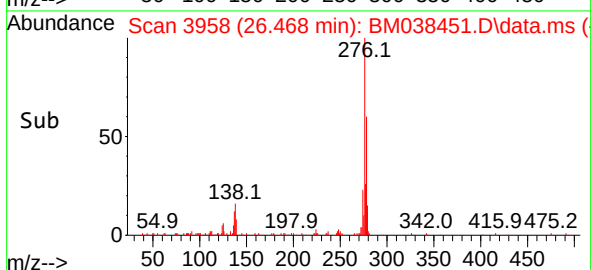
01/18/2023

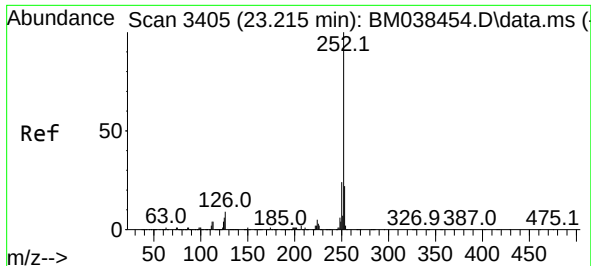


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 5.188 ng  
RT: 26.468 min Scan# 3958  
Delta R.T. -0.018 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47



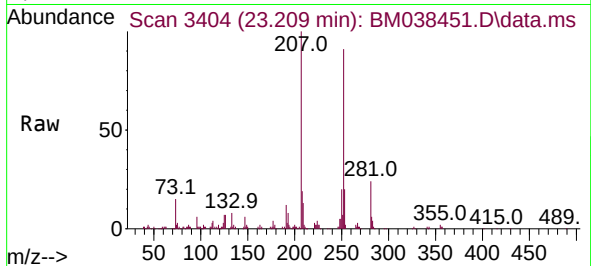
Tgt Ion:276 Resp: 114919  
Ion Ratio Lower Upper  
276 100  
138 17.9 13.4 20.2  
277 25.8 19.8 29.8





#88  
Benzo(b)fluoranthene  
Concen: 4.201 ng m  
RT: 23.209 min Scan# 3405  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



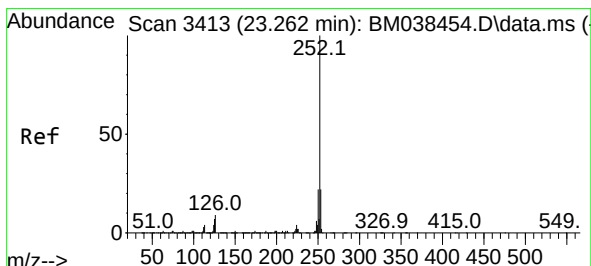
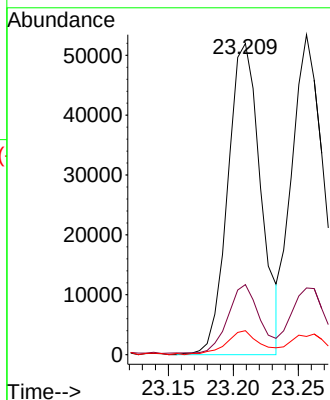
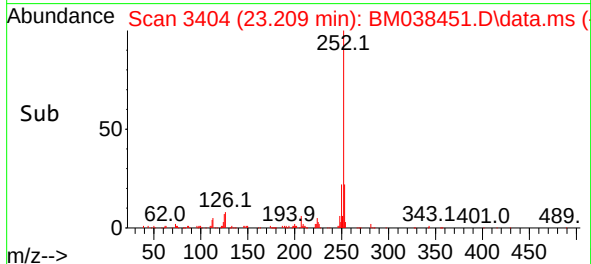
Tgt Ion:252 Resp: 91991  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.6  
125 7.7 5.1 7.7

Manual Integrations  
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Reviewed By :Christian  
Giraldo

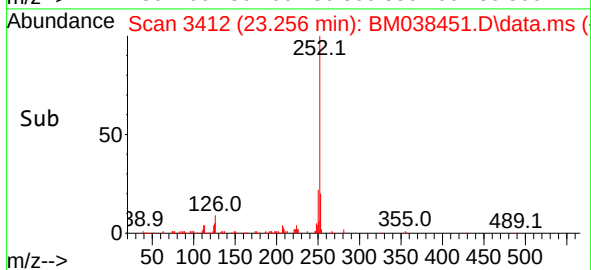
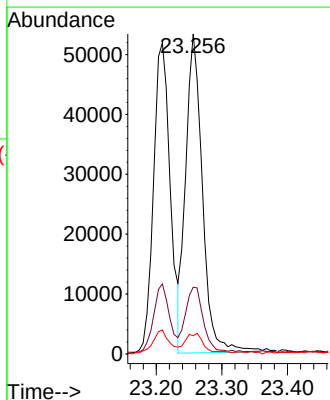
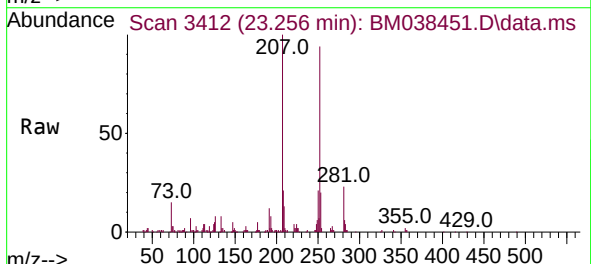
01/17/2023  
Supervised By :Jagrut  
Upadhyay

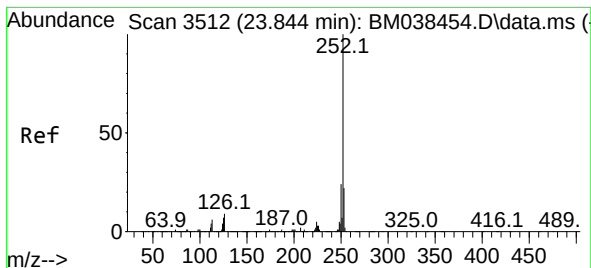
01/18/2023



#89  
Benzo(k)fluoranthene  
Concen: 4.193 ng  
RT: 23.256 min Scan# 3412  
Delta R.T. -0.006 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Tgt Ion:252 Resp: 95058  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.6 26.4  
125 5.7 5.5 8.3





#90

Benzo(a)pyrene

Concen: 4.200 ng

RT: 23.839 min Scan# 3511

Delta R.T. -0.006 min

Lab File: BM038451.D

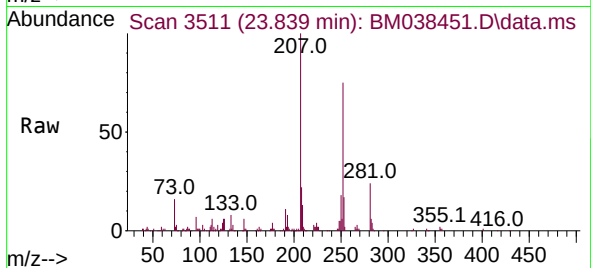
Acq: 16 Jan 2023 13:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005



Tgt Ion:252 Resp: 87720

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 17.6  | 26.4  |
| 125 | 7.9   | 5.8   | 8.8   |

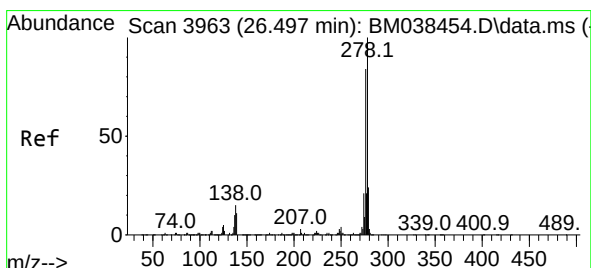
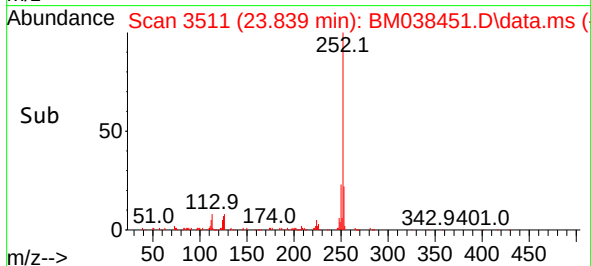
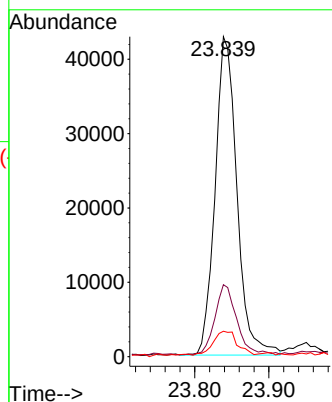
Manual Integrations  
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Reviewed By :Christian  
Giraldo

01/17/2023

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Upadhyay

01/18/2023



#91

Dibenzo(a,h)anthracene

Concen: 5.175 ng

RT: 26.486 min Scan# 3961

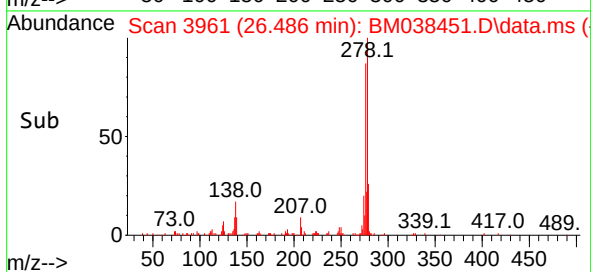
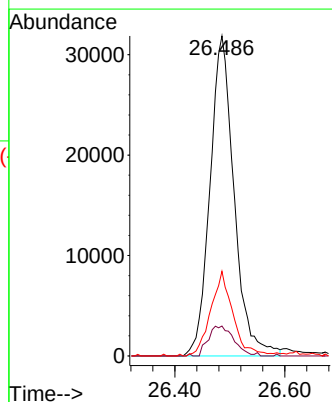
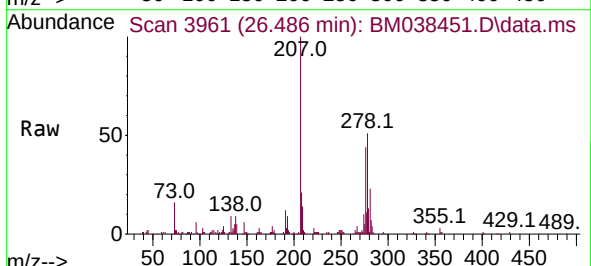
Delta R.T. -0.012 min

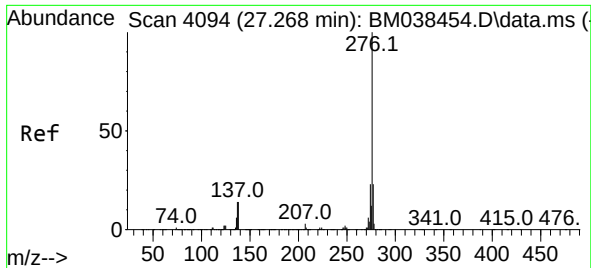
Lab File: BM038451.D

Acq: 16 Jan 2023 13:47

Tgt Ion:278 Resp: 97010

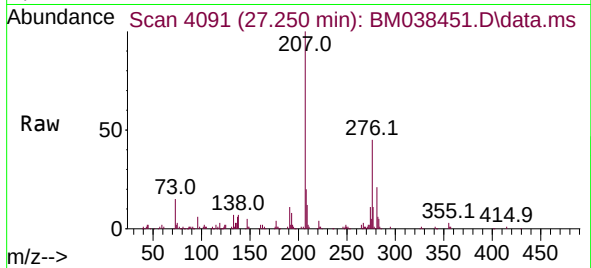
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.3   | 8.4   | 12.6  |
| 279 | 26.4  | 19.0  | 28.6  |





#92  
Benzo(g,h,i)perylene  
Concen: 5.702 ng  
RT: 27.250 min Scan# 4091  
Delta R.T. -0.018 min  
Lab File: BM038451.D  
Acq: 16 Jan 2023 13:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC005



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 99743 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.5  | 18.6  | 27.8  |
| 138       | 15.4  | 11.3  | 16.9  |

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

01/17/2023  
Supervised By :Jagrut  
Upadhyay

01/18/2023

