

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061022\  
 Data File : BM035452.D  
 Acq On : 10 Jun 2022 16:55  
 Operator : CG/JU  
 Sample : PB145400BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB145400BS

Quant Time: Jun 11 00:54:59 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 10 16:05:33 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian  
 Giraldo  
 06/13/2022  
 Supervised By :Jagrut  
 Upadhyay  
 06/13/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.822  | 152  | 325415   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.616 | 136  | 1446062  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.463 | 164  | 855484   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 1639671  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.397 | 240  | 1223183  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.738 | 264  | 1010535  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 2470629  | 128.748 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.004  | 99   | 3186423  | 119.825 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.986  | 82   | 2041418  | 76.717  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 1050408  | 115.328 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.086 | 172  | 4450173  | 74.316  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.839 | 244  | 5574833  | 87.021  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.305  | 88   | 232504   | 31.766  | ng    | 95       |
| 3) Pyridine                   | 3.704  | 79   | 616419   | 30.113  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.616  | 42   | 438999   | 46.463  | ng    | 93       |
| 6) Aniline                    | 7.151  | 93   | 1285096  | 44.709  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.392  | 128  | 981892   | 44.574  | ng    | 98       |
| 9) Benzaldehyde               | 6.963  | 77   | 464083   | 34.763  | ng    | 97       |
| 10) Phenol                    | 7.034  | 94   | 1187427  | 45.966  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.251  | 93   | 879703   | 42.485  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.710  | 146  | 953782   | 40.588  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.857  | 146  | 978174   | 40.661  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.175  | 146  | 960362   | 40.901  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.069  | 79   | 789592m  | 44.323  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.351  | 45   | 1602848  | 44.570  | ng    | 96       |
| 17) 2-Methylphenol            | 8.281  | 107  | 795462   | 44.872  | ng    | 98       |
| 18) Hexachloroethane          | 8.892  | 117  | 371241   | 43.029  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.634  | 70   | 710029   | 42.478  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.610  | 107  | 1085755  | 43.692  | ng    | 96       |
| 22) Acetophenone              | 8.651  | 105  | 1403929  | 40.085  | ng    | # 98     |
| 24) Nitrobenzene              | 9.028  | 77   | 1057536  | 43.405  | ng    | 98       |
| 25) Isophorone                | 9.557  | 82   | 1938190  | 44.788  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.739  | 139  | 524392   | 42.055  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.810  | 122  | 918458   | 50.266  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.033 | 93   | 1236861  | 41.078  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.281 | 162  | 879366   | 43.187  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.486 | 180  | 895956   | 39.580  | ng    | 99       |
| 31) Naphthalene               | 10.669 | 128  | 2942852  | 40.630  | ng    | 99       |
| 32) Benzoic acid              | 10.010 | 122  | 643586   | 38.724  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.792 | 127  | 940122   | 31.901  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.957 | 225  | 500204   | 39.265  | ng    | 99       |
| 35) Caprolactam               | 11.598 | 113  | 284667m  | 41.246  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.927 | 107  | 981703   | 42.527  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.286 | 142  | 2051222  | 41.123  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.504 | 142  | 1961373  | 40.231  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.657 | 216  | 951893   | 39.480  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.633 | 237  | 950758   | 98.246  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.904 | 196  | 667319   | 40.350  | ng    | 98       |

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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB145400BS

Manual Integrations  
 APPROVED

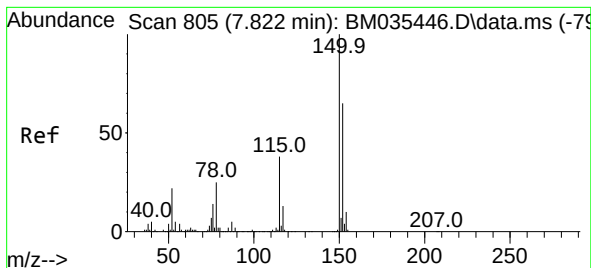
Reviewed By : Christian  
 Giraldo  
 06/13/2022  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.986 | 196  | 736237   | 41.265  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.298 | 154  | 2655849  | 39.861  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.339 | 162  | 2007683  | 40.067  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.551 | 65   | 649957   | 42.850  | ng    | 97       |
| 49) Acenaphthylene            | 14.186 | 152  | 3336802  | 42.513  | ng    | 100      |
| 50) Dimethylphthalate         | 13.933 | 163  | 2511419  | 39.893  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 562020   | 42.648  | ng    | 96       |
| 52) Acenaphthene              | 14.527 | 154  | 1882928  | 41.184  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.380 | 138  | 454596   | 32.143  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.598 | 184  | 639417   | 77.298  | ng    | 94       |
| 55) Dibenzofuran              | 14.863 | 168  | 2946163  | 40.221  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.710 | 139  | 925461   | 82.704  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.845 | 165  | 761700   | 45.516  | ng    | 97       |
| 58) Fluorene                  | 15.515 | 166  | 2378303  | 41.562  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.098 | 232  | 591311   | 41.674  | ng    | 99       |
| 60) Diethylphthalate          | 15.292 | 149  | 2596070  | 42.138  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 1125461  | 40.645  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.551 | 138  | 582329   | 42.545  | ng    | 92       |
| 63) Azobenzene                | 15.798 | 77   | 2433927  | 41.710  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 198  | 396634   | 38.420  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 15.727 | 169  | 2106183  | 43.135  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 693232   | 40.975  | ng    | 100      |
| 68) Hexachlorobenzene         | 16.521 | 284  | 770265   | 41.644  | ng    | 97       |
| 69) Atrazine                  | 16.680 | 200  | 698613   | 47.131  | ng    | 98       |
| 70) Pentachlorophenol         | 16.868 | 266  | 1003977  | 103.083 | ng    | 99       |
| 71) Phenanthrene              | 17.251 | 178  | 3634312  | 41.763  | ng    | 100      |
| 72) Anthracene                | 17.345 | 178  | 3653196  | 43.025  | ng    | 99       |
| 73) Carbazole                 | 17.615 | 167  | 3361617  | 40.831  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 4291694  | 43.584  | ng    | 99       |
| 75) Fluoranthene              | 19.274 | 202  | 3795217  | 41.999  | ng    | 98       |
| 77) Benzidine                 | 19.456 | 184  | 1938099  | 86.193  | ng    | 100      |
| 78) Pyrene                    | 19.633 | 202  | 3876795  | 45.155  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.533 | 149  | 1736918  | 45.671  | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.380 | 228  | 3268534  | 42.893  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.315 | 252  | 947040   | 53.984  | ng    | 99       |
| 83) Chrysene                  | 21.433 | 228  | 3045629  | 41.378  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 2466817  | 45.226  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.215 | 149  | 3818113  | 43.085  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.168 | 276  | 2894475  | 41.462  | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 23.033 | 252  | 2934545  | 49.301  | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.080 | 252  | 2703561  | 44.865  | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.638 | 252  | 2637432  | 52.519  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 26.180 | 278  | 2538584  | 43.957  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 26.909 | 276  | 2566131  | 44.670  | ng    | 95       |

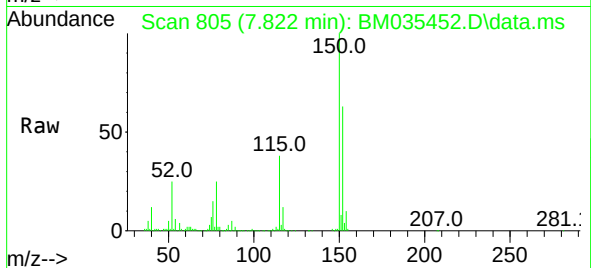
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.822 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

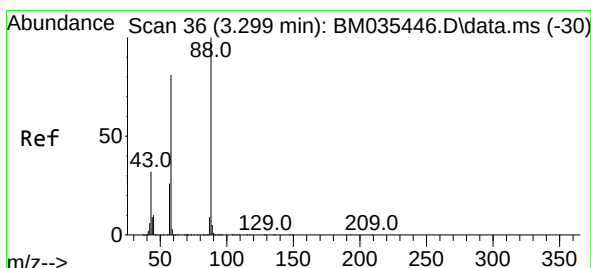
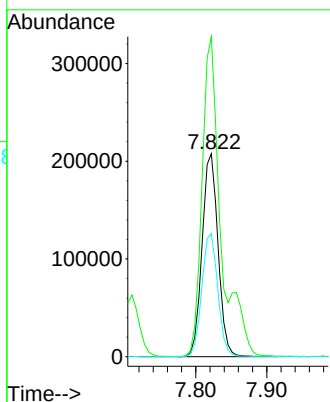
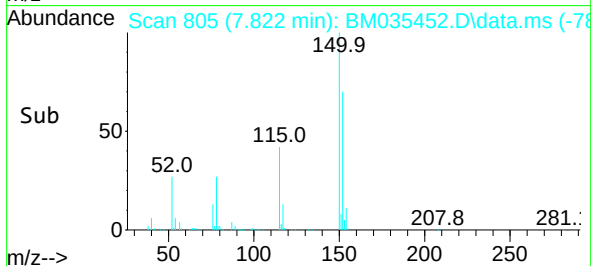
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



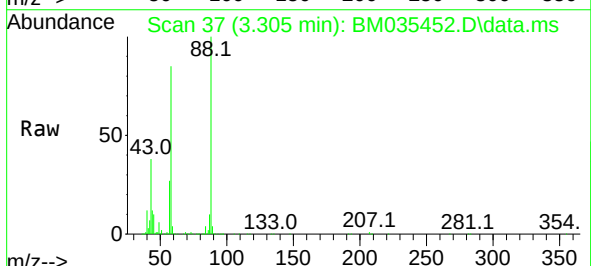
Tgt Ion:152 Resp: 325415  
Ion Ratio Lower Upper  
152 100  
150 157.6 124.9 187.3  
115 60.6 47.9 71.9

Manual Integrations  
APPROVED

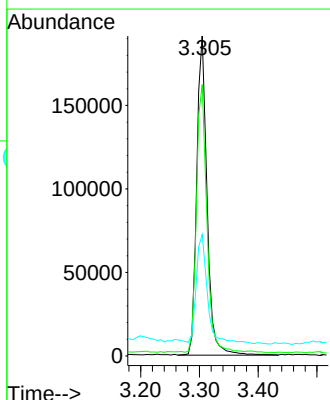
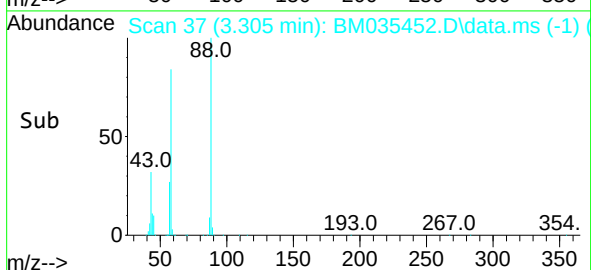
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

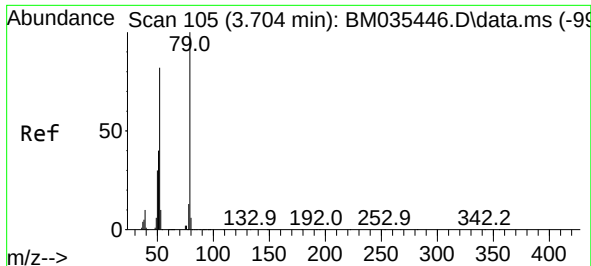


#2  
1,4-Dioxane  
Concen: 31.766 ng  
RT: 3.305 min Scan# 37  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



Tgt Ion: 88 Resp: 232504  
Ion Ratio Lower Upper  
88 100  
58 84.1 62.3 93.5  
43 37.0 28.7 43.1





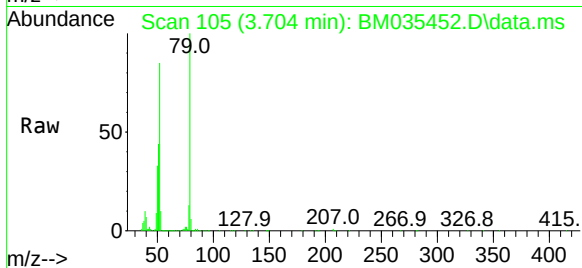
#3  
Pyridine  
Concen: 30.113 ng  
RT: 3.704 min Scan# 105  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

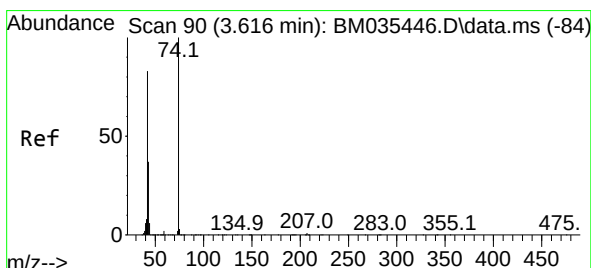
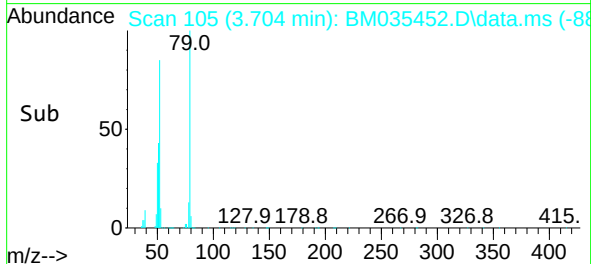
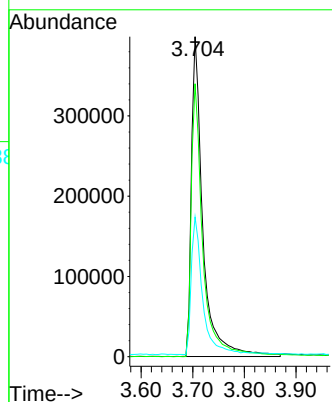


Tgt Ion: 79 Resp: 616419  
Ion Ratio Lower Upper  
79 100  
52 85.3 61.9 92.9  
51 43.7 33.5 50.3

Manual Integrations  
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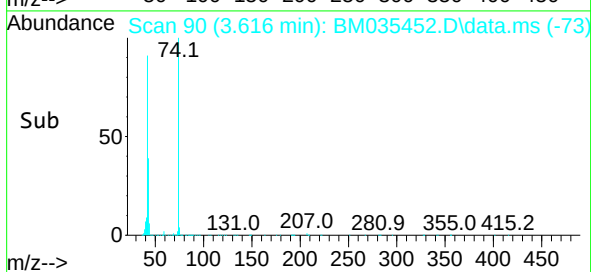
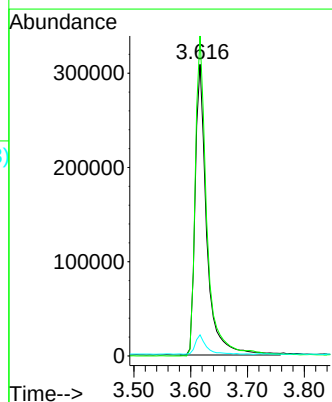
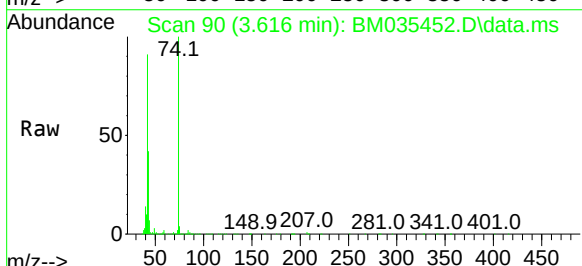
Reviewed By :Christian  
Giraldo  
06/13/2022

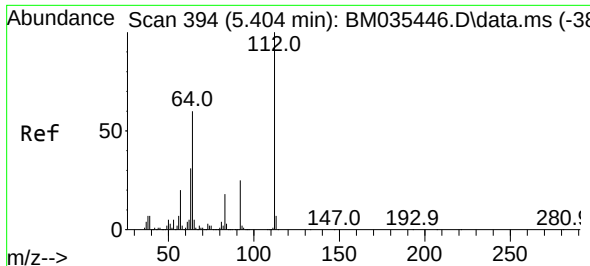
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#4  
n-Nitrosodimethylamine  
Concen: 46.463 ng  
RT: 3.616 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion: 42 Resp: 438999  
Ion Ratio Lower Upper  
42 100  
74 109.7 81.6 122.4  
44 7.3 5.2 7.8





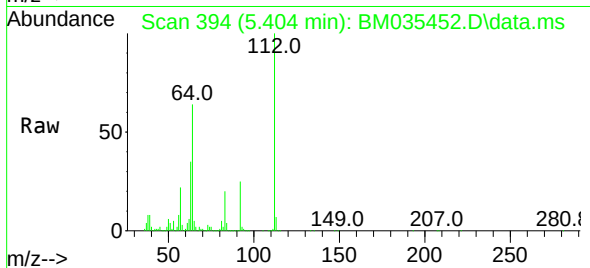
#5  
2-Fluorophenol  
Concen: 128.748 ng  
RT: 5.404 min Scan# 394  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

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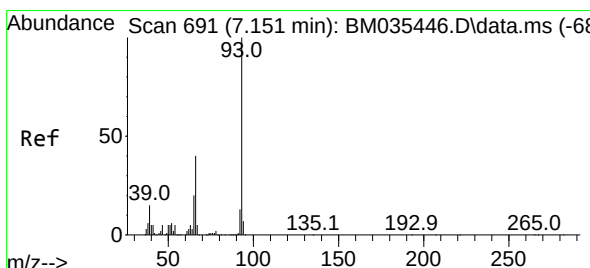
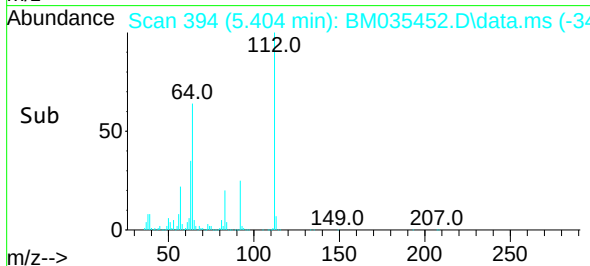
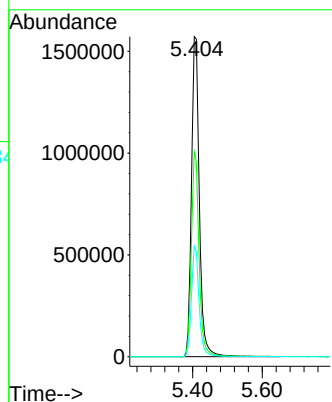


Tgt Ion: 112 Resp: 2470629  
Ion Ratio Lower Upper  
112 100  
64 64.0 47.8 71.6  
63 34.6 26.6 40.0

Manual Integrations  
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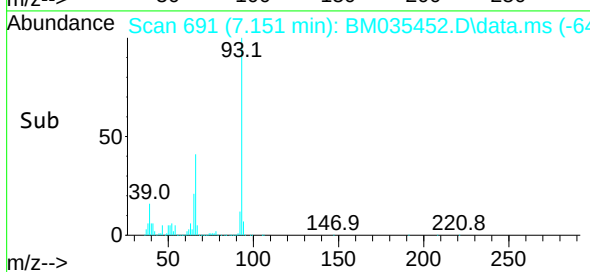
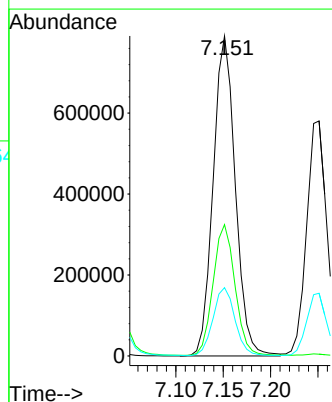
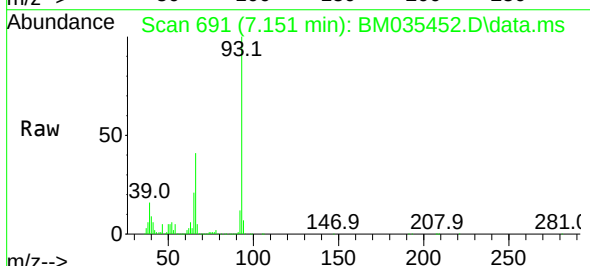
Reviewed By :Christian  
Giraldo  
06/13/2022

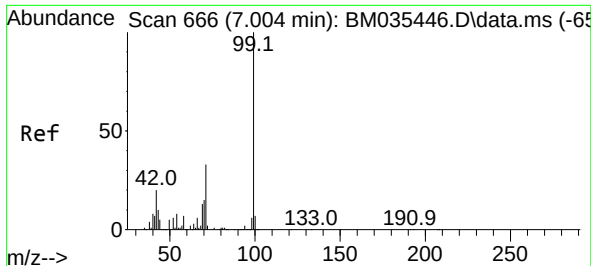
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#6  
Aniline  
Concen: 44.709 ng  
RT: 7.151 min Scan# 691  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

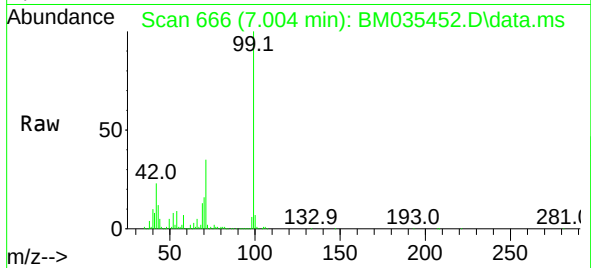
Tgt Ion: 93 Resp: 1285096  
Ion Ratio Lower Upper  
93 100  
66 41.0 32.6 49.0  
65 21.3 16.8 25.2





#7  
Phenol-d6  
Concen: 119.825 ng  
RT: 7.004 min Scan# 666  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

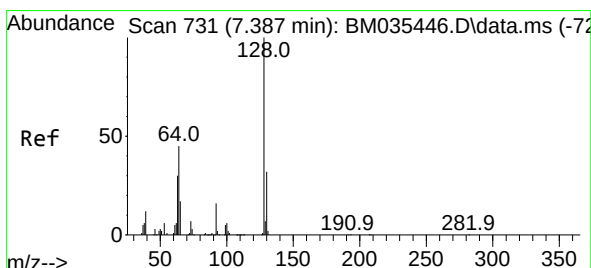
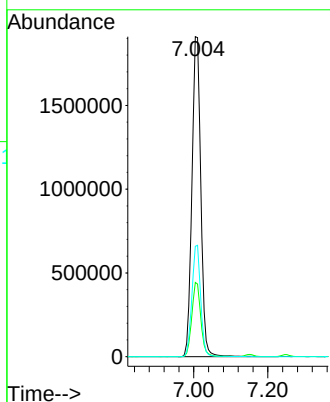
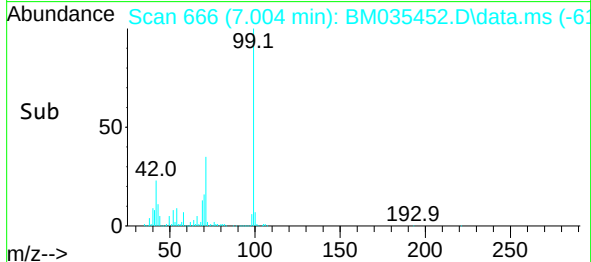
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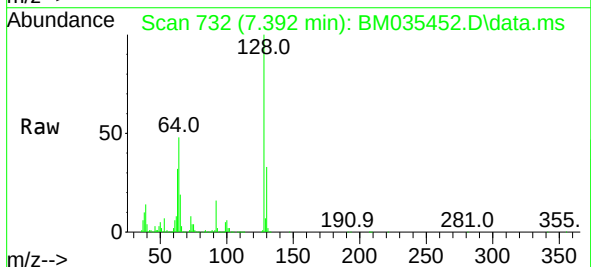
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Ion Ratio Lower Upper  
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42 23.2 18.8 28.2  
71 34.5 30.2 45.2

Manual Integrations  
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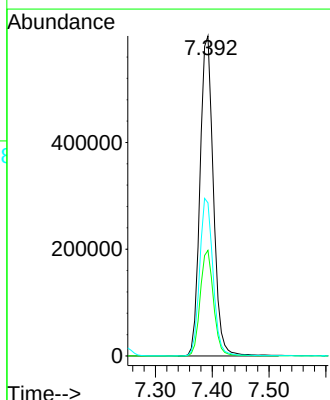
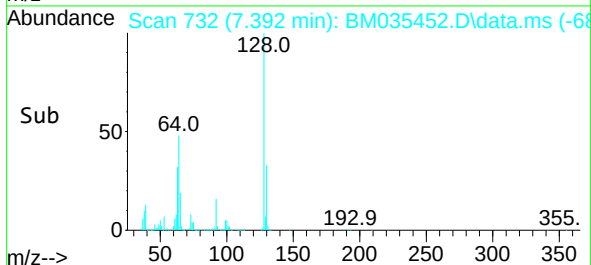
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06/13/2022

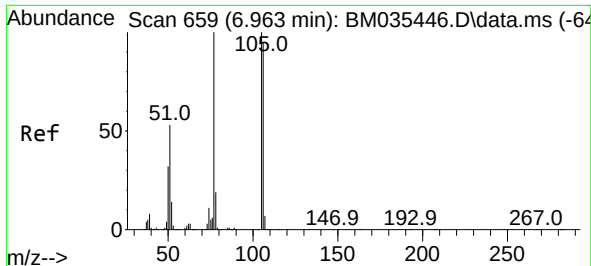


#8  
2-Chlorophenol  
Concen: 44.574 ng  
RT: 7.392 min Scan# 732  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



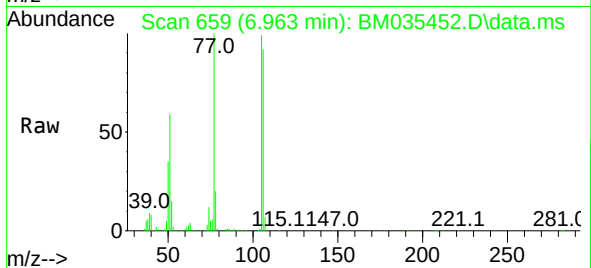
Tgt Ion:128 Resp: 981892  
Ion Ratio Lower Upper  
128 100  
130 33.0 10.9 50.9  
64 47.8 28.2 68.2





#9  
Benzaldehyde  
Concen: 34.763 ng  
RT: 6.963 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

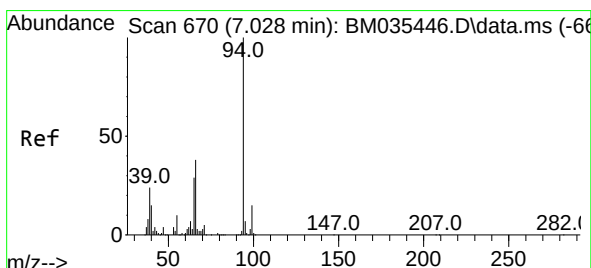
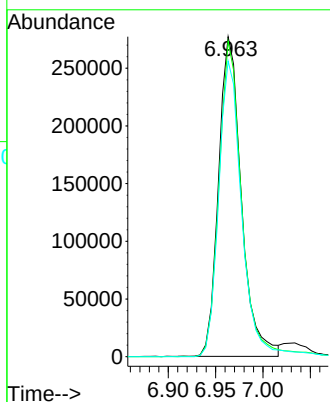
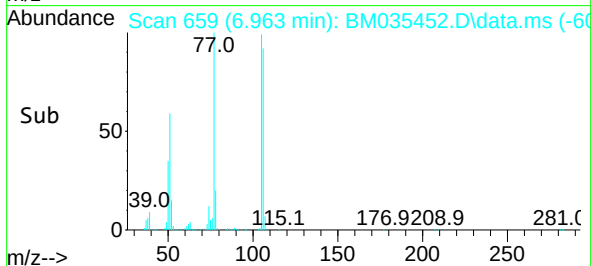
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



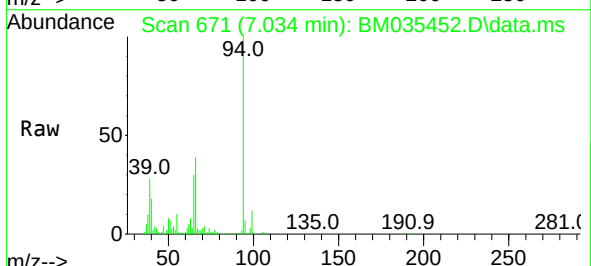
Tgt Ion: 77 Resp: 464083  
Ion Ratio Lower Upper  
77 100  
105 98.5 76.3 116.3  
106 92.4 69.0 109.0

Manual Integrations  
APPROVED

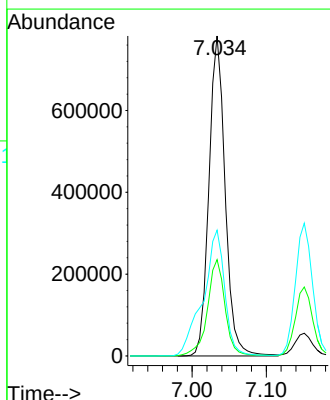
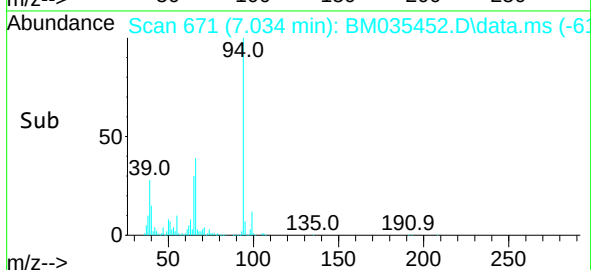
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



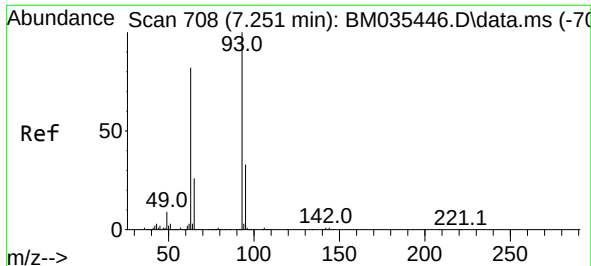
#10  
Phenol  
Concen: 45.966 ng  
RT: 7.034 min Scan# 671  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



Tgt Ion: 94 Resp: 1187427  
Ion Ratio Lower Upper  
94 100  
65 30.1 11.4 51.4  
66 39.3 21.4 61.4

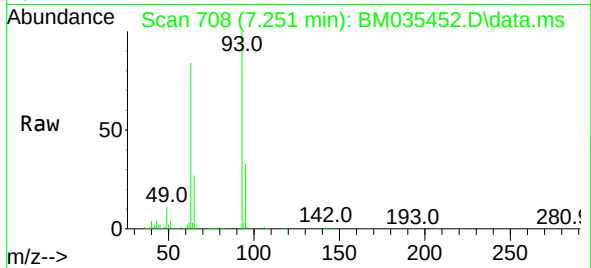






#11  
bis(2-Chloroethyl)ether  
Concen: 42.485 ng  
RT: 7.251 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

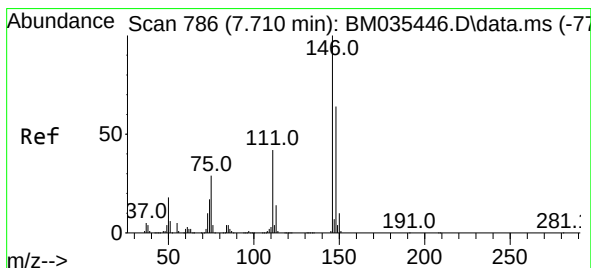
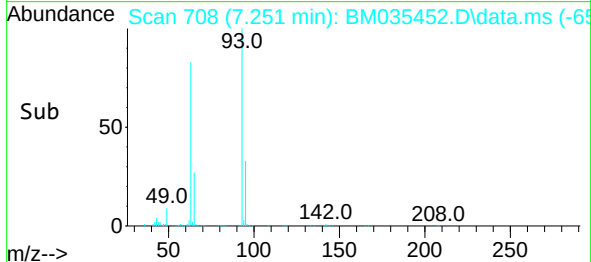
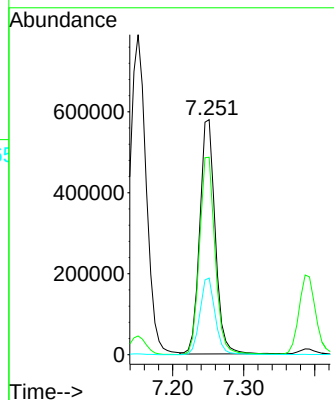
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion: 93 Resp: 87970  
Ion Ratio Lower Upper  
93 100  
63 84.0 60.6 100.6  
95 32.6 13.2 53.2

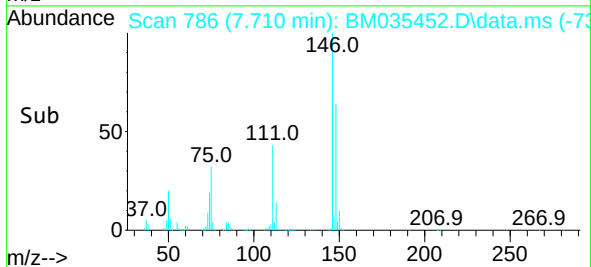
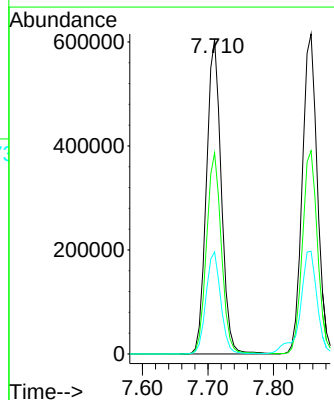
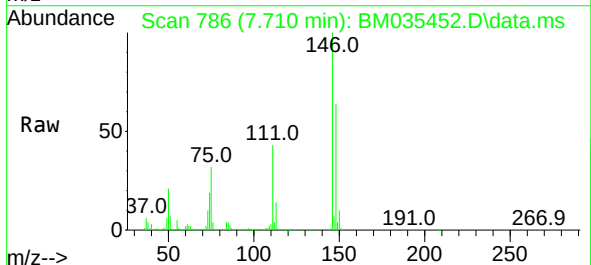
Manual Integrations  
APPROVED

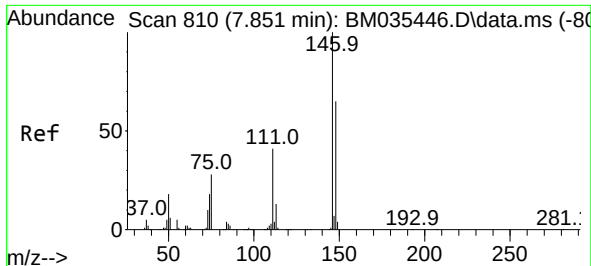
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#12  
1,3-Dichlorobenzene  
Concen: 40.588 ng  
RT: 7.710 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:146 Resp: 953782  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.7 76.1  
75 32.5 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 40.661 ng

RT: 7.857 min Scan# 810

Delta R.T. 0.006 min

Lab File: BM035452.D

Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

Tgt Ion:146 Resp: 978174

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

111 41.1 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Christian

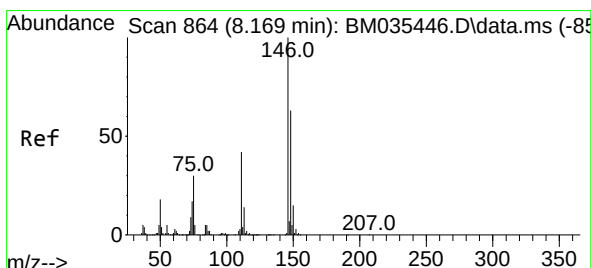
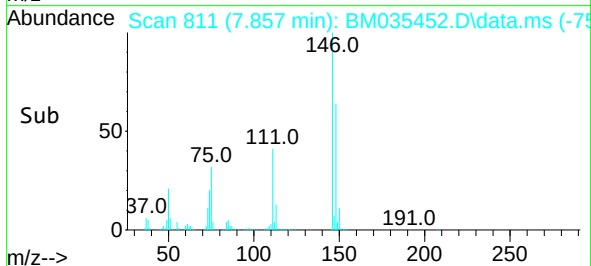
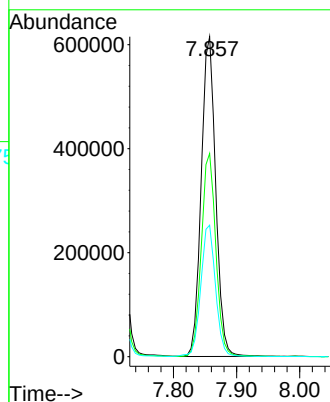
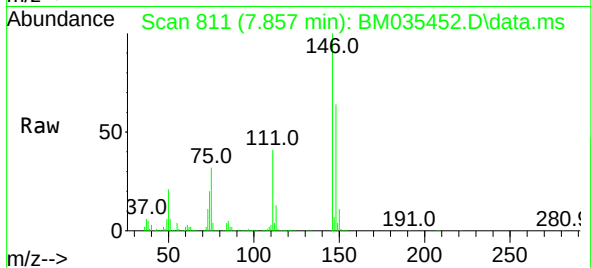
Giraldo

06/13/2022

Supervised By :Jagrut

Upadhyay

06/13/2022



#14

1,2-Dichlorobenzene

Concen: 40.901 ng

RT: 8.175 min Scan# 865

Delta R.T. 0.006 min

Lab File: BM035452.D

Acq: 10 Jun 2022 16:55

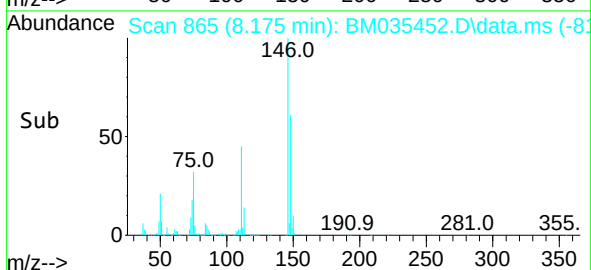
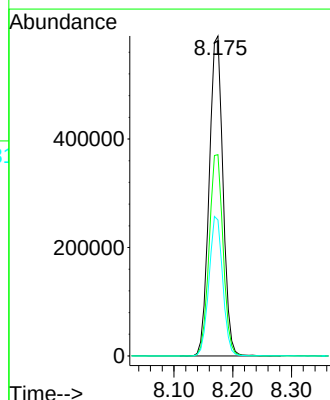
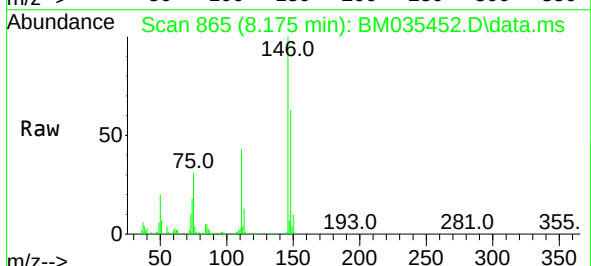
Tgt Ion:146 Resp: 960362

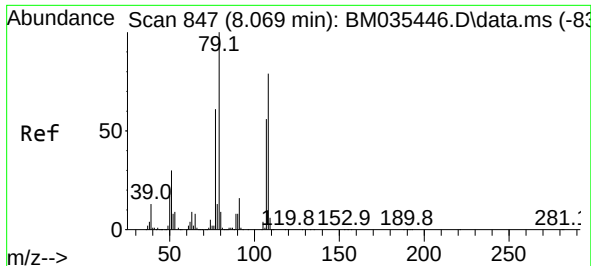
Ion Ratio Lower Upper

146 100

148 62.9 50.7 76.1

111 42.5 33.9 50.9





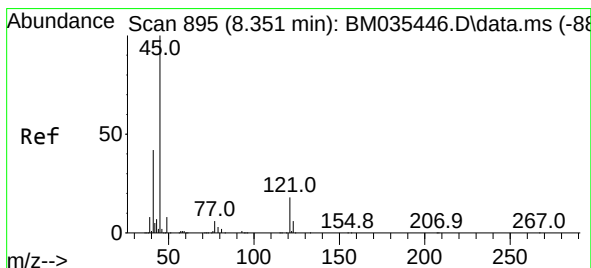
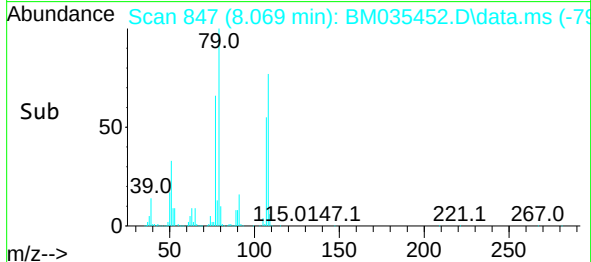
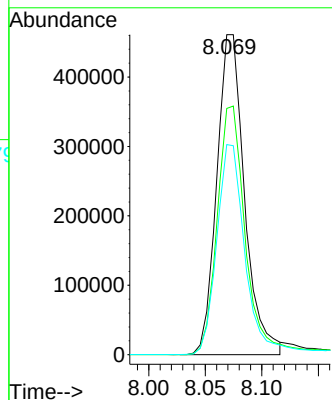
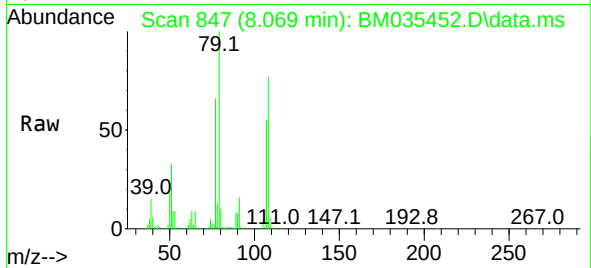
#15  
Benzyl Alcohol  
Concen: 44.323 ng m  
RT: 8.069 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS

Tgt Ion: 79 Resp: 789592  
Ion Ratio Lower Upper  
79 100  
108 77.0 59.0 88.4  
77 65.6 52.2 78.4

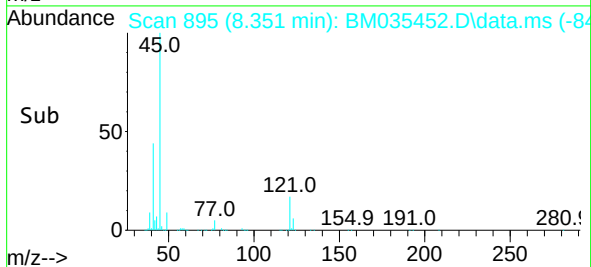
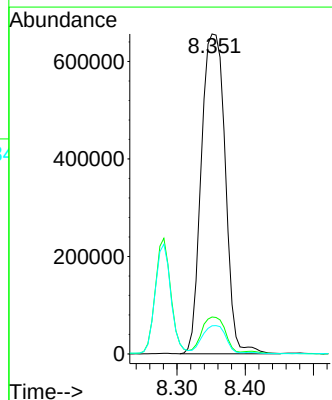
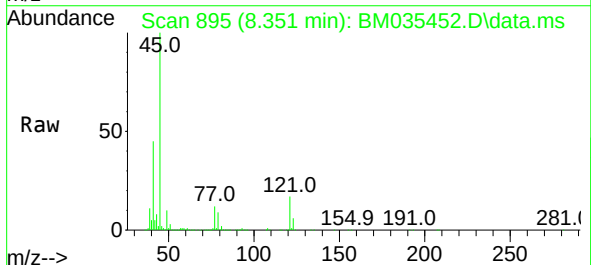
Manual Integrations  
APPROVED

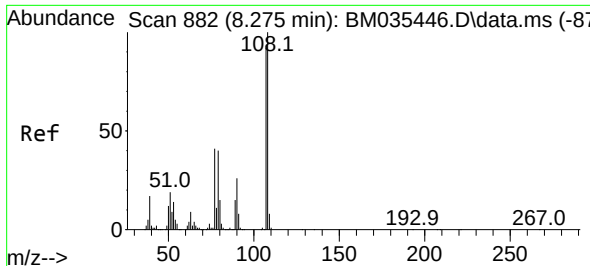
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.570 ng  
RT: 8.351 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion: 45 Resp: 1602848  
Ion Ratio Lower Upper  
45 100  
77 11.5 0.0 33.1  
79 8.8 0.0 30.5





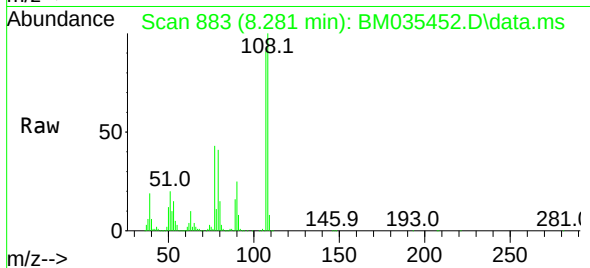
#17  
2-Methylphenol  
Concen: 44.872 ng  
RT: 8.281 min Scan# 882  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

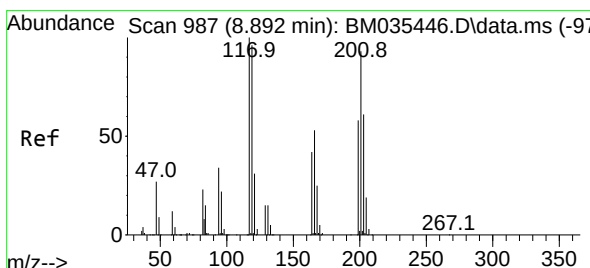
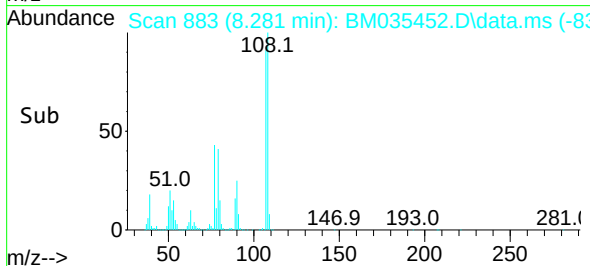
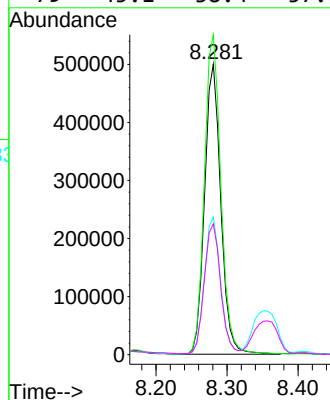


Tgt Ion:107 Resp: 795462  
Ion Ratio Lower Upper  
107 100  
108 110.2 88.7 133.1  
77 47.4 40.6 60.8  
79 45.1 38.4 57.6

Manual Integrations  
APPROVED

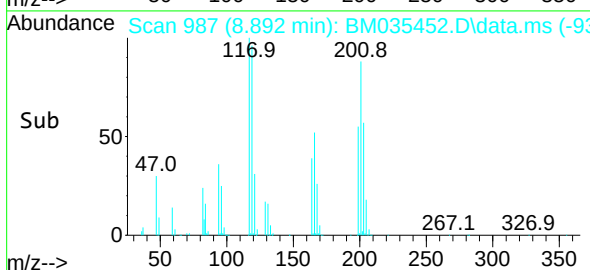
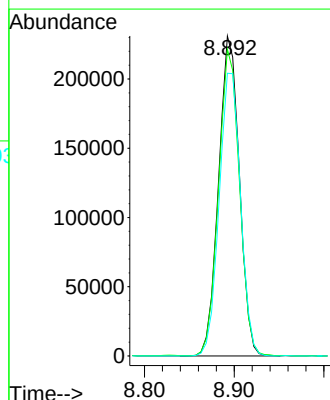
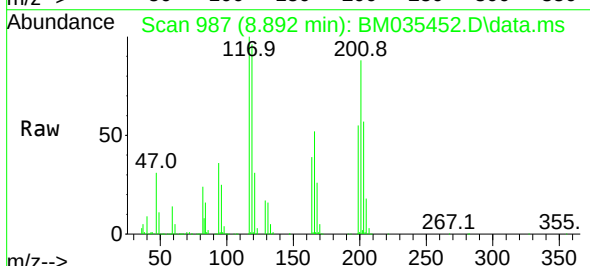
Reviewed By :Christian  
Giraldo  
06/13/2022

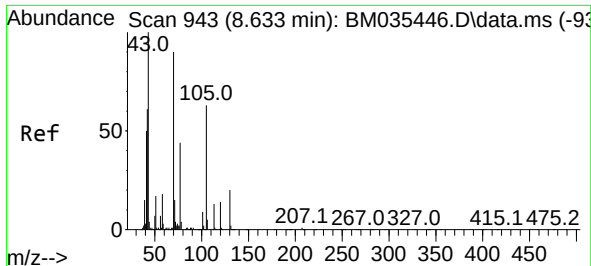
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#18  
Hexachloroethane  
Concen: 43.029 ng  
RT: 8.892 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

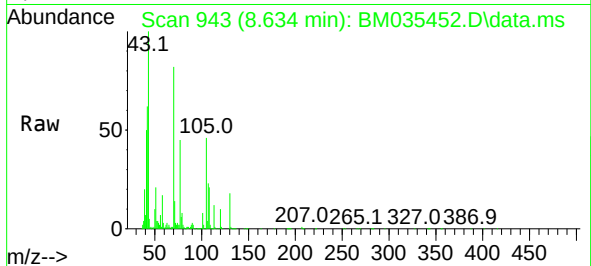
Tgt Ion:117 Resp: 371241  
Ion Ratio Lower Upper  
117 100  
119 95.9 75.8 113.6  
201 88.4 81.0 121.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.478 ng  
RT: 8.634 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

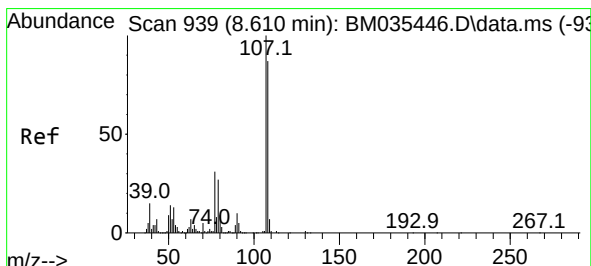
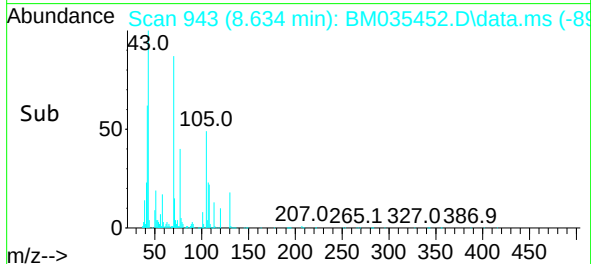
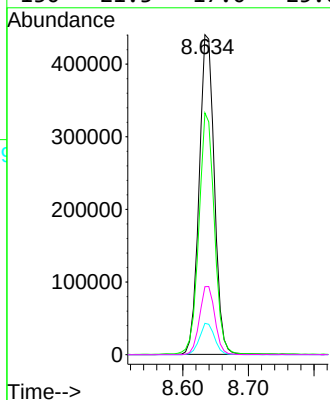
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion: 70 Resp: 710029  
Ion Ratio Lower Upper  
70 100  
42 75.6 55.4 83.2  
101 9.8 7.8 11.6  
130 21.3 17.0 25.6

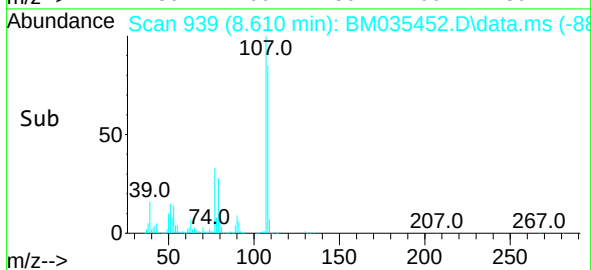
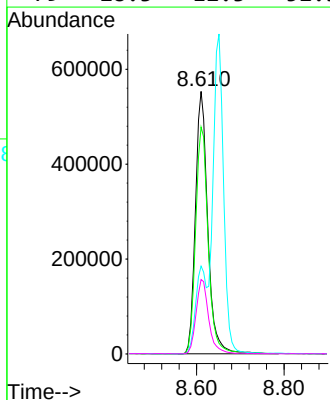
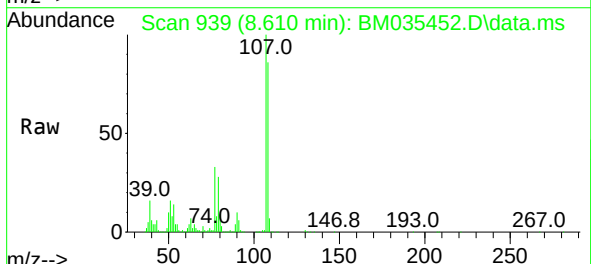
Manual Integrations  
APPROVED

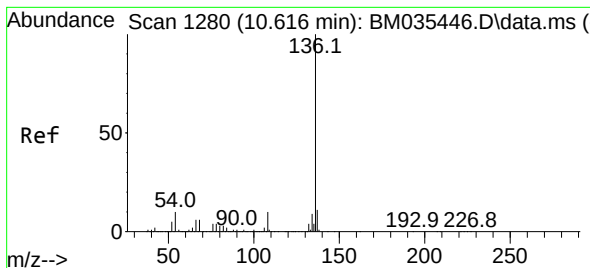
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#20  
3+4-Methylphenols  
Concen: 43.692 ng  
RT: 8.610 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:107 Resp: 1085755  
Ion Ratio Lower Upper  
107 100  
108 86.4 69.3 109.3  
77 33.4 15.8 55.8  
79 28.3 12.3 52.3





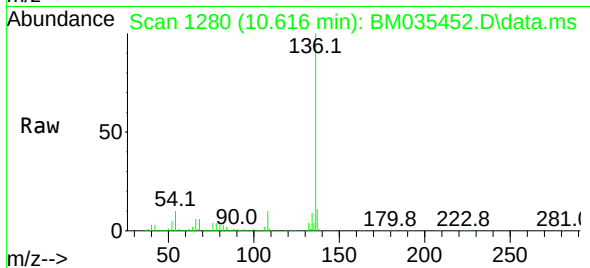
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.616 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

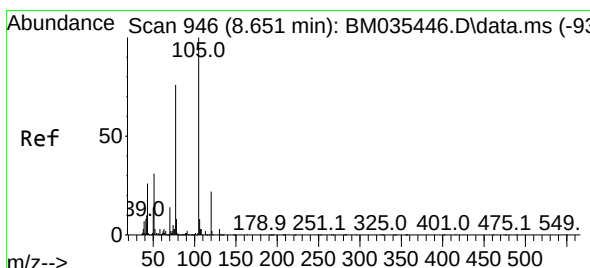
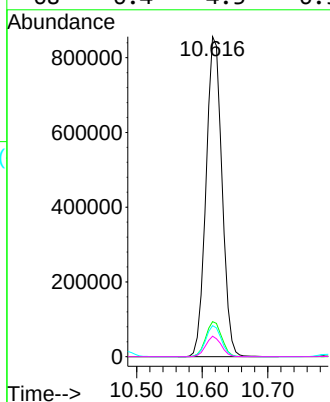
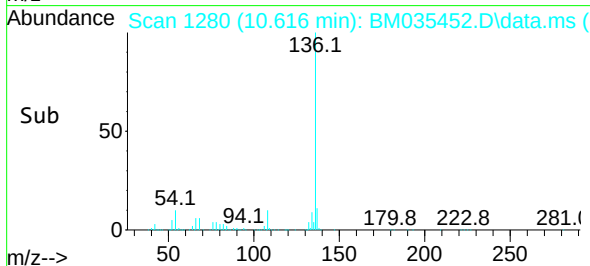


Tgt Ion:136 Resp: 1446062  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 9.7 7.0 10.4  
68 6.4 4.3 6.5

Manual Integrations  
APPROVED

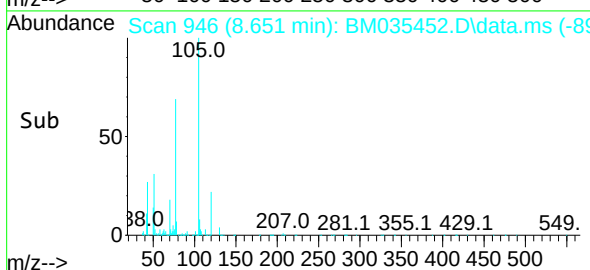
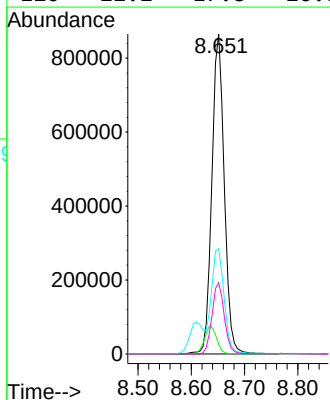
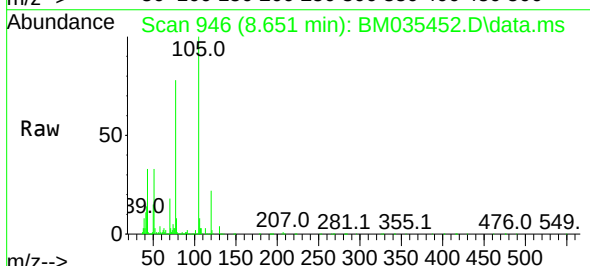
Reviewed By :Christian  
Giraldo  
06/13/2022

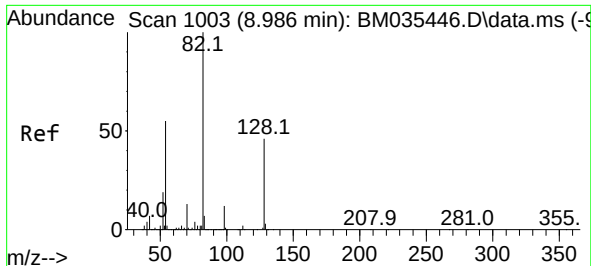
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#22  
Acetophenone  
Concen: 40.085 ng  
RT: 8.651 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:105 Resp: 1403929  
Ion Ratio Lower Upper  
105 100  
71 3.1 5.0 7.4#  
51 32.9 25.6 38.4  
120 22.2 17.8 26.8





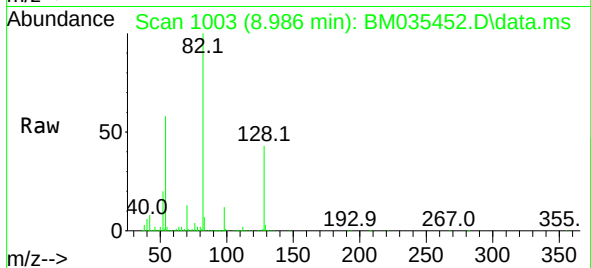
#23  
Nitrobenzene-d5  
Concen: 76.717 ng  
RT: 8.986 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

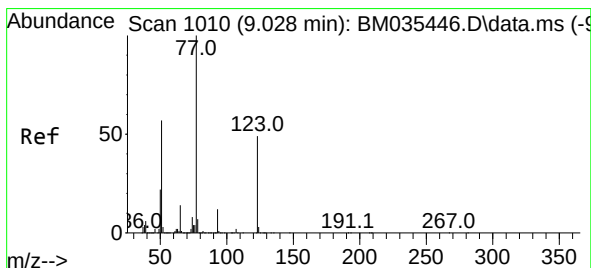
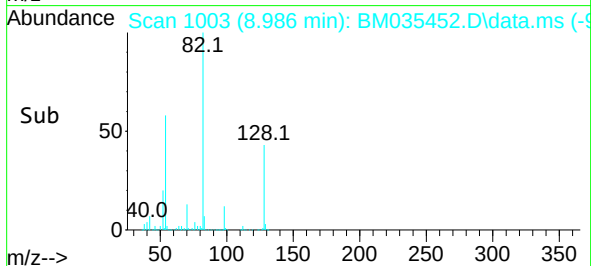
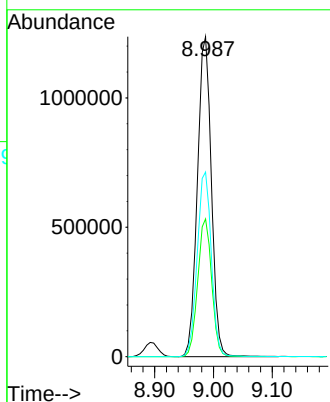


Tgt Ion: 82 Resp: 2041418  
Ion Ratio Lower Upper  
82 100  
128 43.0 33.7 50.5  
54 57.7 43.2 64.8

Manual Integrations  
APPROVED

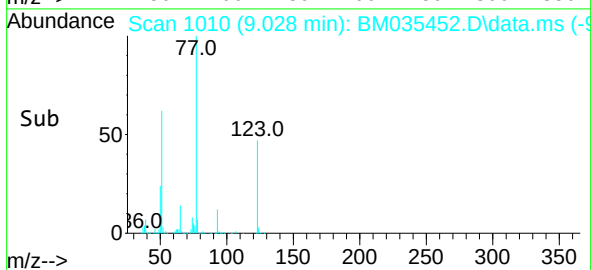
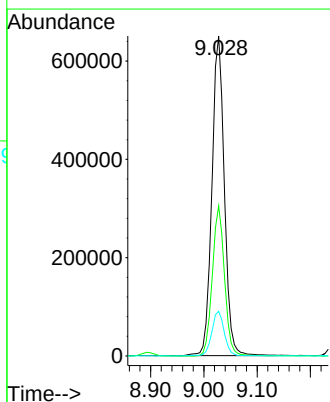
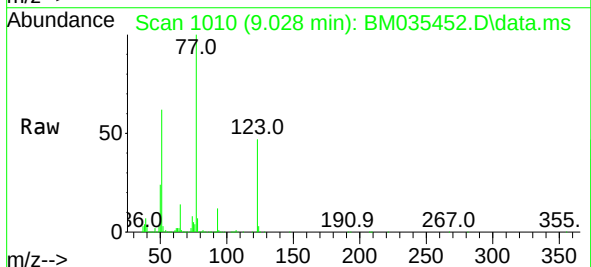
Reviewed By :Christian  
Giraldo  
06/13/2022

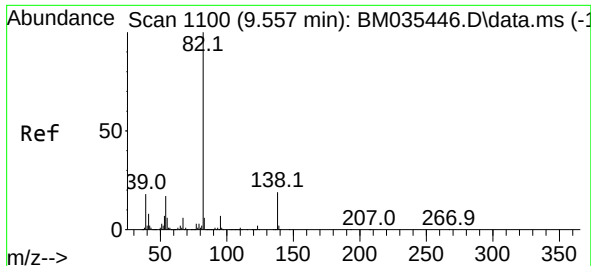
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#24  
Nitrobenzene  
Concen: 43.405 ng  
RT: 9.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

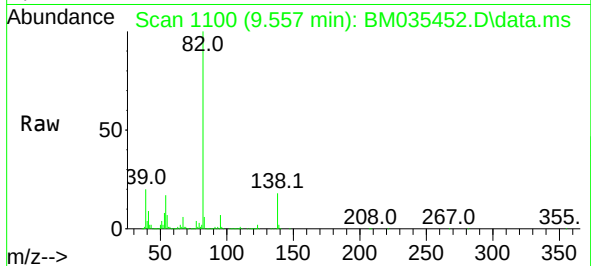
Tgt Ion: 77 Resp: 1057536  
Ion Ratio Lower Upper  
77 100  
123 46.9 36.2 54.4  
65 14.0 11.4 17.0





#25  
Isophorone  
Concen: 44.788 ng  
RT: 9.557 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

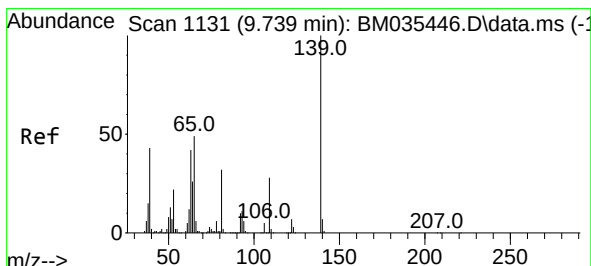
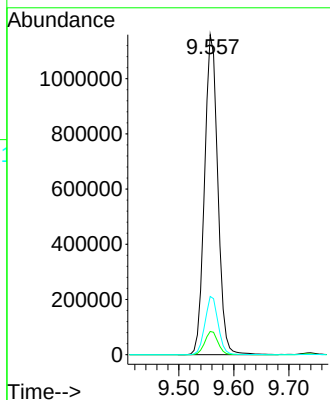
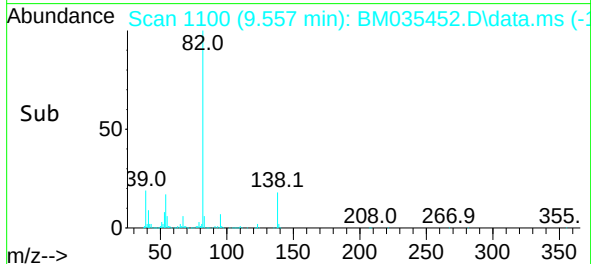
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



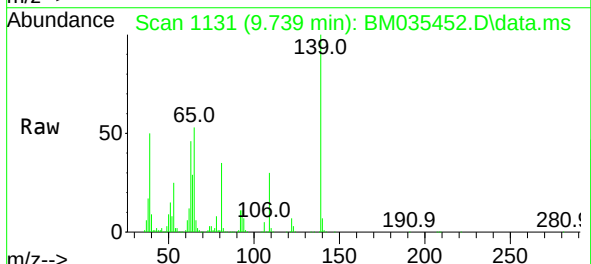
Tgt Ion: 82 Resp: 1938190  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.4 9.6  
138 18.2 14.2 21.4

Manual Integrations  
APPROVED

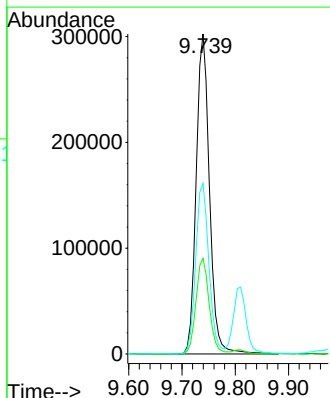
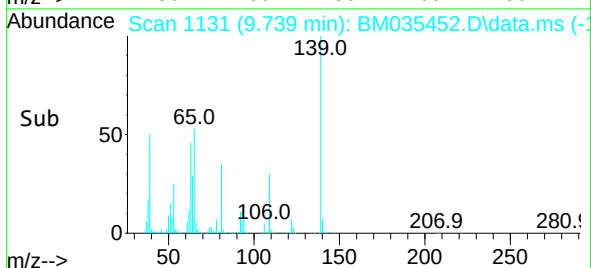
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



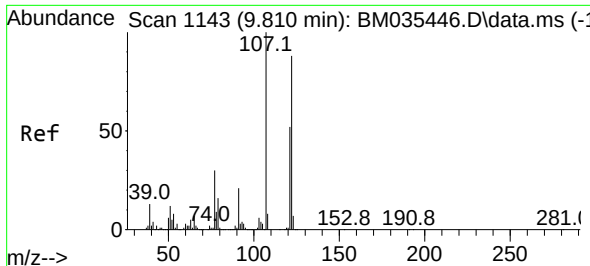
#26  
2-Nitrophenol  
Concen: 42.055 ng  
RT: 9.739 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



Tgt Ion:139 Resp: 524392  
Ion Ratio Lower Upper  
139 100  
109 29.9 25.6 38.4  
65 53.3 43.2 64.8







#27

2,4-Dimethylphenol

Concen: 50.266 ng

RT: 9.810 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BM035452.D

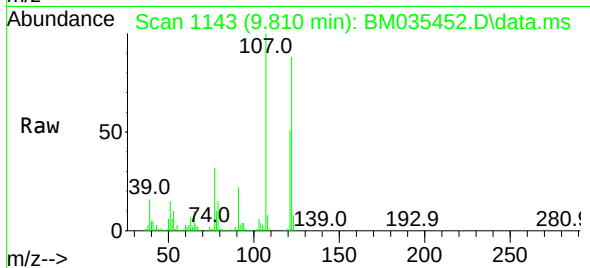
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS



Tgt Ion:122 Resp: 91845

Ion Ratio Lower Upper

122 100

107 114.2 92.4 138.6

121 58.3 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Christian

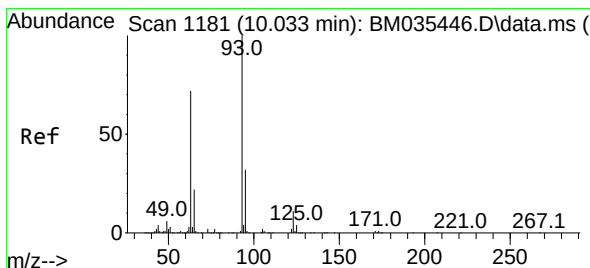
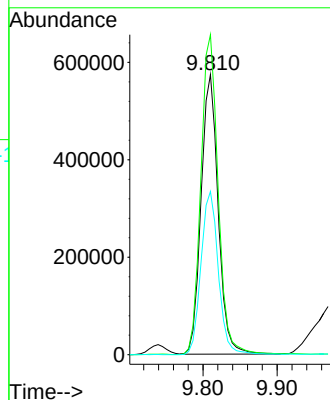
Giraldo

06/13/2022

Supervised By :Jagrut

Upadhyay

06/13/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.078 ng

RT: 10.033 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BM035452.D

Acq: 10 Jun 2022 16:55

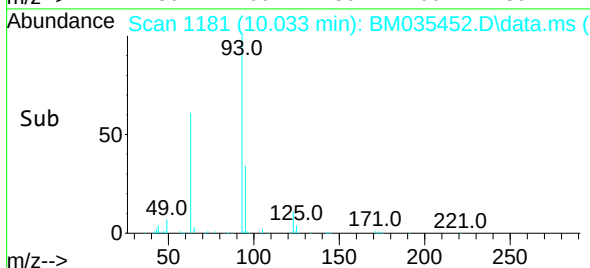
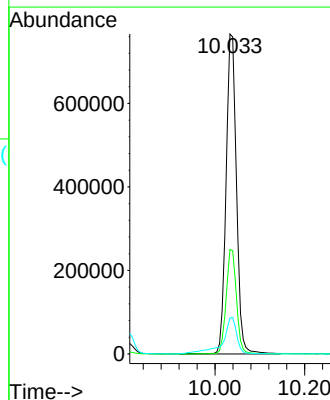
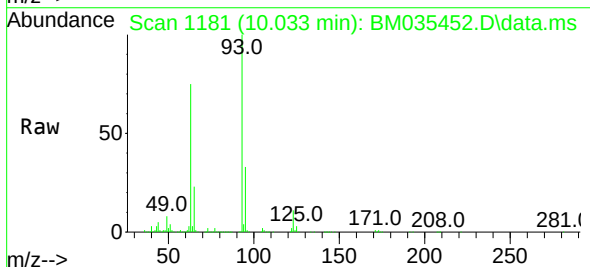
Tgt Ion: 93 Resp: 1236861

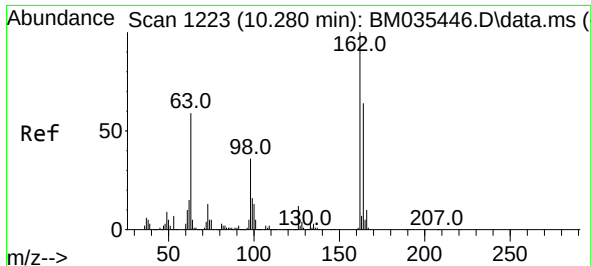
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.3 9.0 13.4





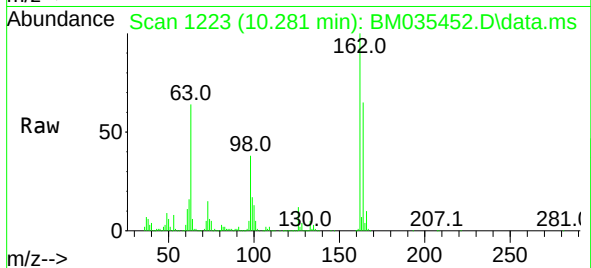
#29  
2,4-Dichlorophenol  
Concen: 43.187 ng  
RT: 10.281 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

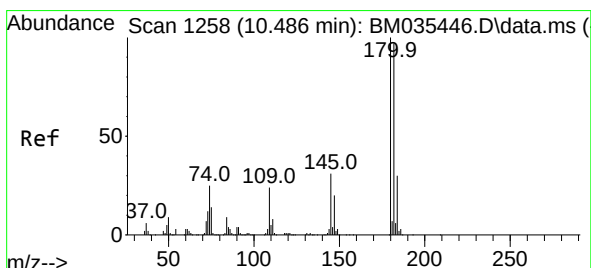
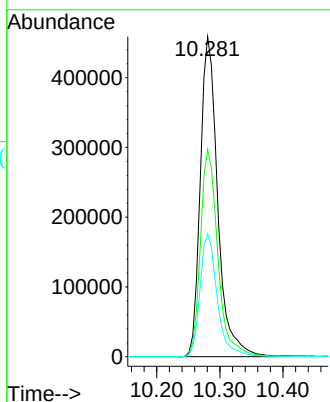
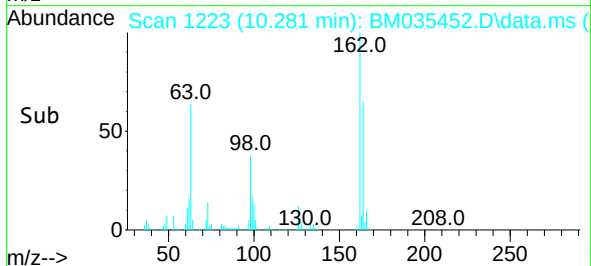


Tgt Ion:162 Resp: 879360  
Ion Ratio Lower Upper  
162 100  
164 64.7 44.2 84.2  
98 38.4 15.0 55.0

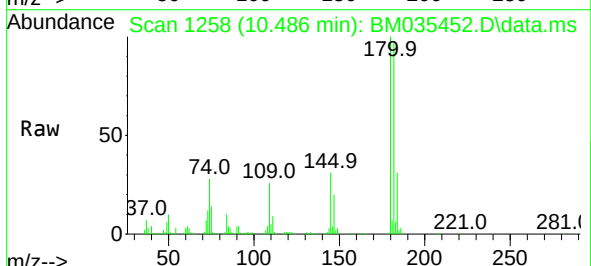
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo  
06/13/2022

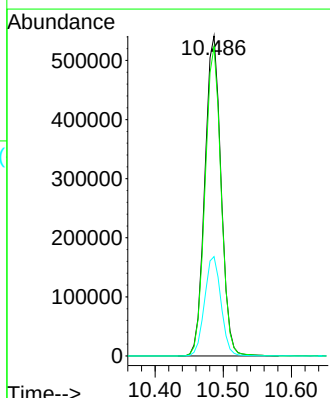
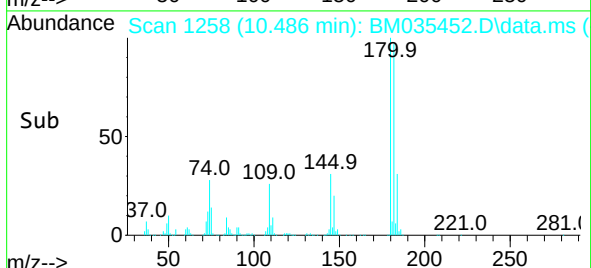
Supervised By :Jagrut  
Upadhyay  
06/13/2022

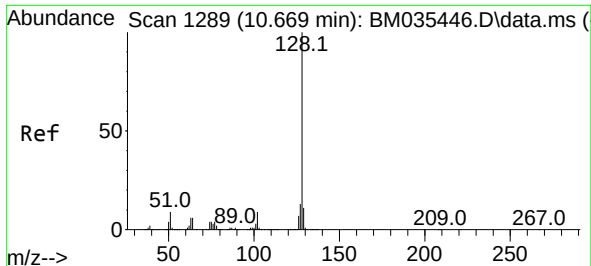


#30  
1,2,4-Trichlorobenzene  
Concen: 39.580 ng  
RT: 10.486 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



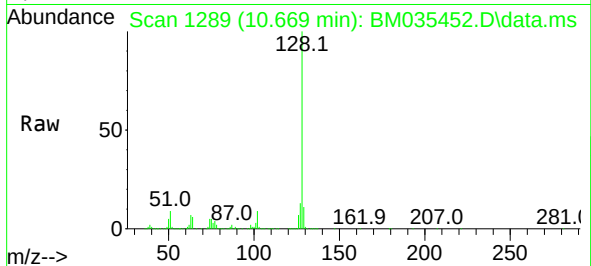
Tgt Ion:180 Resp: 895956  
Ion Ratio Lower Upper  
180 100  
182 96.6 77.9 116.9  
145 31.0 25.0 37.6





#31  
Naphthalene  
Concen: 40.630 ng  
RT: 10.669 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

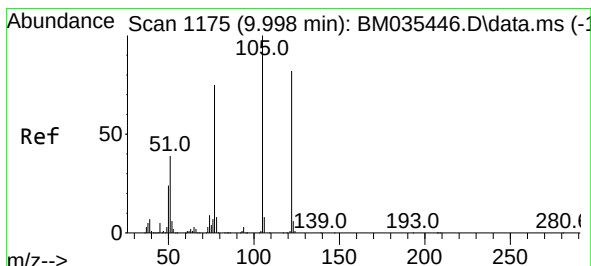
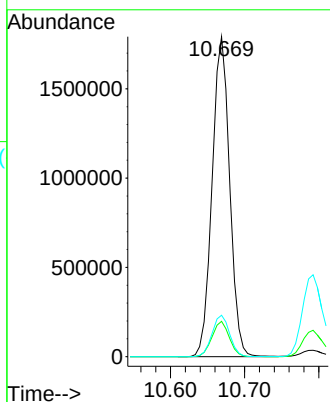
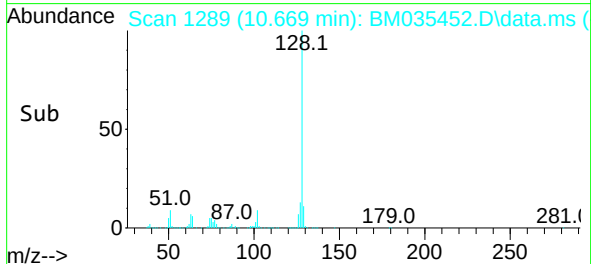
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



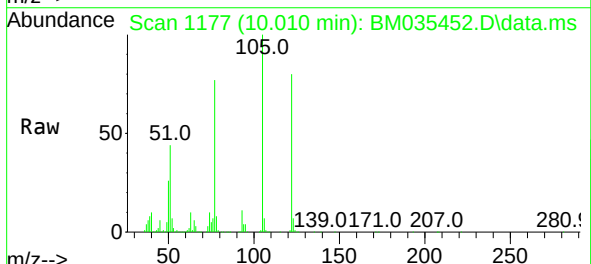
Tgt Ion:128 Resp: 294285  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 12.9 10.6 16.0

Manual Integrations  
APPROVED

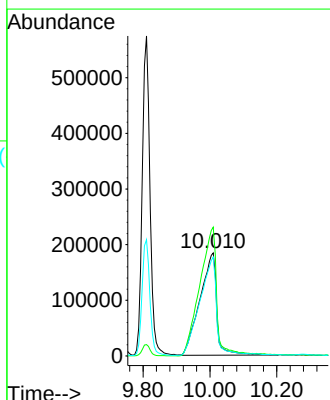
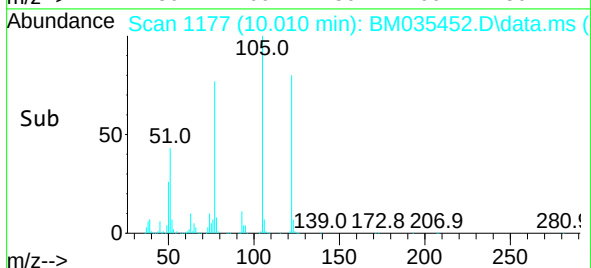
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

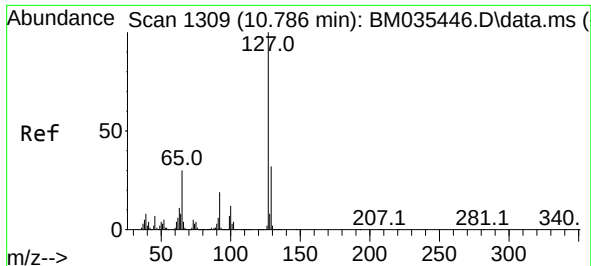


#32  
Benzoic acid  
Concen: 38.724 ng  
RT: 10.010 min Scan# 1177  
Delta R.T. 0.012 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



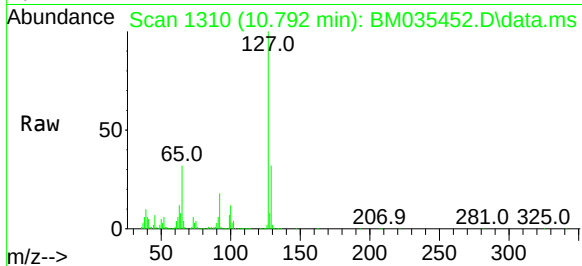
Tgt Ion:122 Resp: 643586  
Ion Ratio Lower Upper  
122 100  
105 124.9 105.7 145.7  
77 95.9 80.0 120.0





#33  
4-Chloroaniline  
Concen: 31.901 ng  
RT: 10.792 min Scan# 1310  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

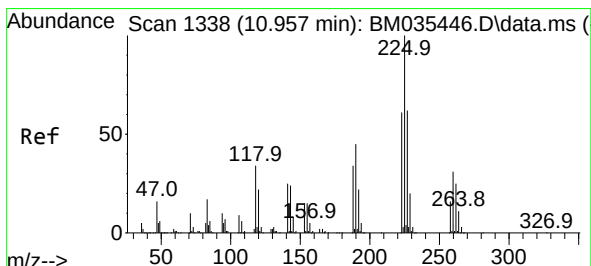
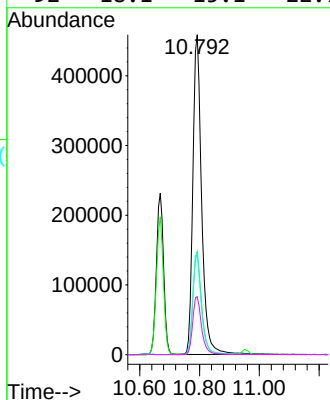
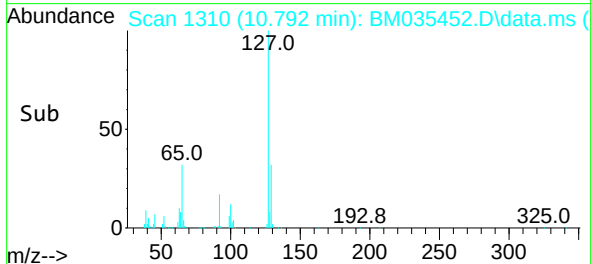
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



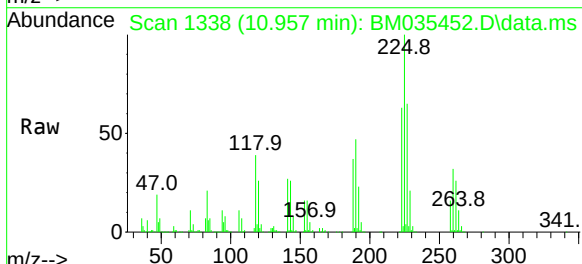
Tgt Ion:127 Resp: 94012  
Ion Ratio Lower Upper  
127 100  
129 32.1 25.7 38.5  
65 31.7 26.6 40.0  
92 18.1 15.1 22.7

Manual Integrations  
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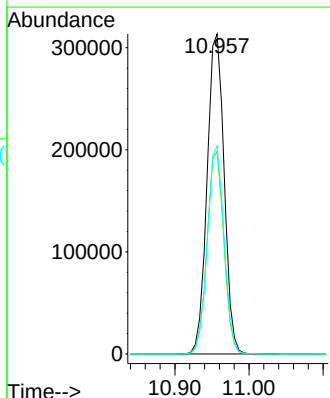
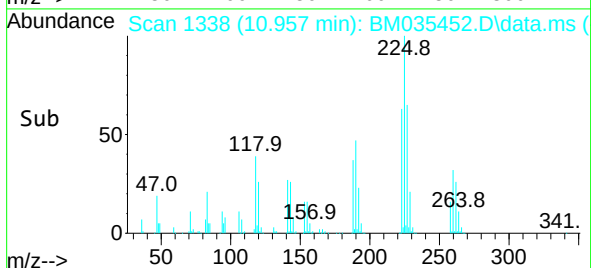
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

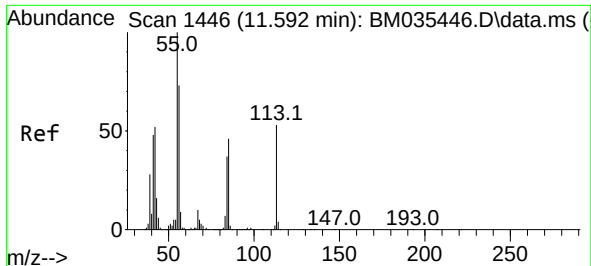


#34  
Hexachlorobutadiene  
Concen: 39.265 ng  
RT: 10.957 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



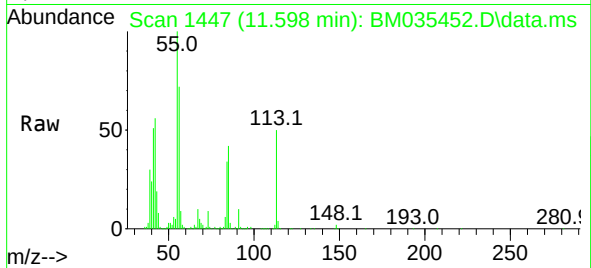
Tgt Ion:225 Resp: 500204  
Ion Ratio Lower Upper  
225 100  
223 63.3 50.8 76.2  
227 65.0 52.7 79.1





#35  
Caprolactam  
Concen: 41.246 ng m  
RT: 11.598 min Scan# 1446  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

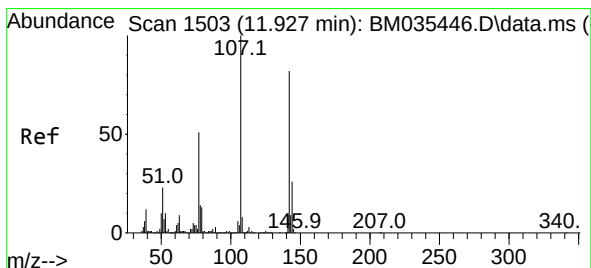
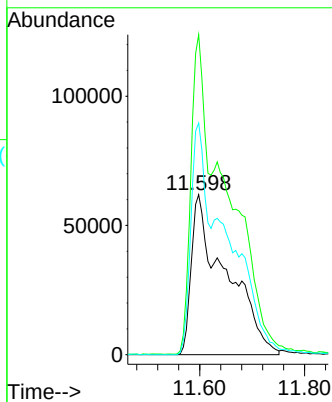
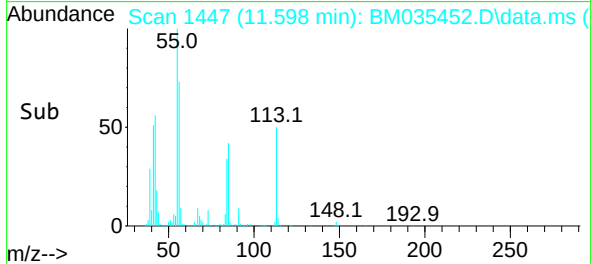
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:113 Resp: 28466  
Ion Ratio Lower Upper  
113 100  
55 200.1 150.1 190.1  
56 144.9 111.7 151.7

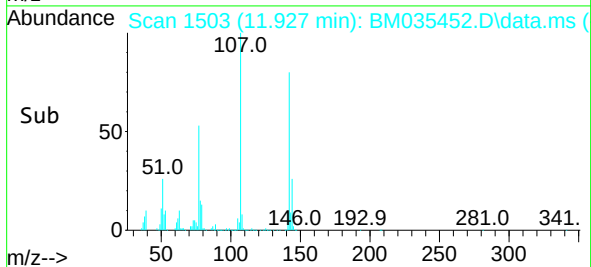
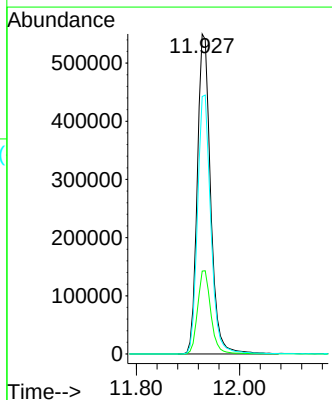
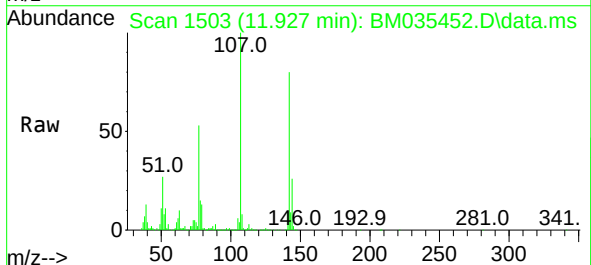
Manual Integrations  
APPROVED

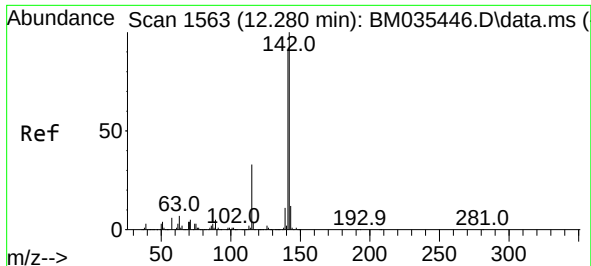
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#36  
4-Chloro-3-methylphenol  
Concen: 42.527 ng  
RT: 11.927 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

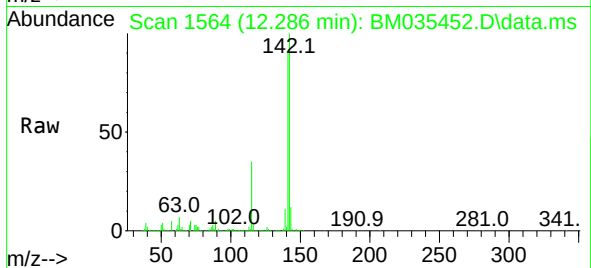
Tgt Ion:107 Resp: 981703  
Ion Ratio Lower Upper  
107 100  
144 25.9 21.4 32.0  
142 80.5 66.7 100.1





#37  
2-Methylnaphthalene  
Concen: 41.123 ng  
RT: 12.286 min Scan# 1563  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

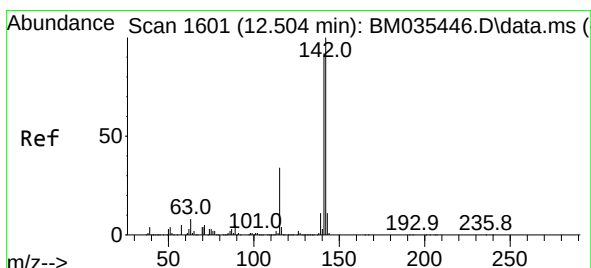
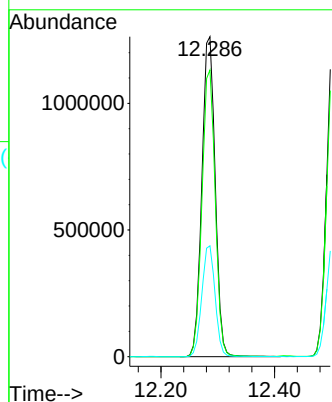
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:142 Resp: 205122  
Ion Ratio Lower Upper  
142 100  
141 89.6 72.4 108.6  
115 34.7 29.6 44.4

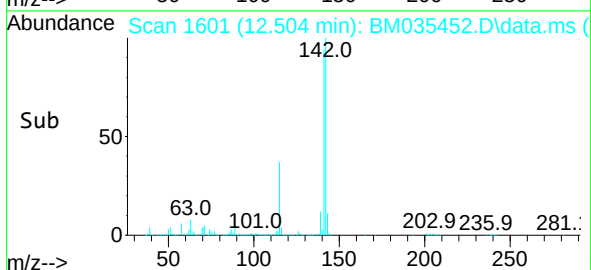
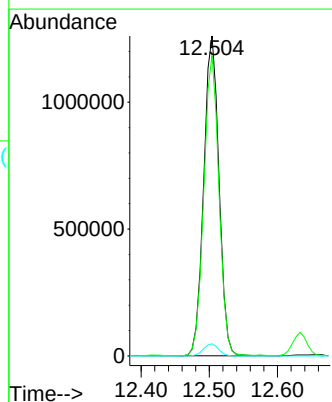
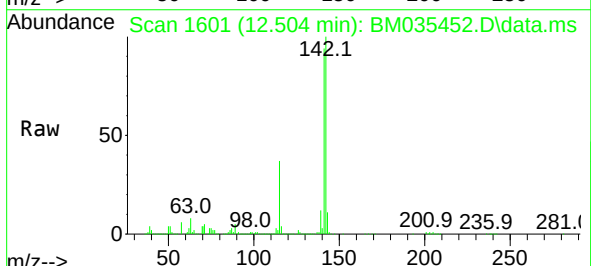
Manual Integrations  
APPROVED

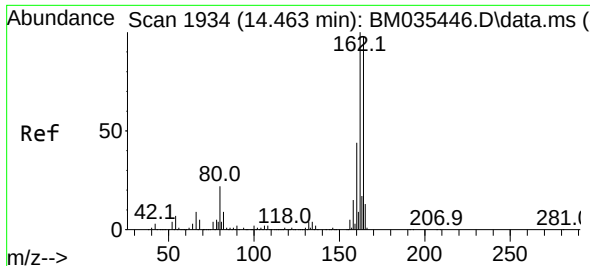
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#38  
1-Methylnaphthalene  
Concen: 40.231 ng  
RT: 12.504 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:142 Resp: 1961373  
Ion Ratio Lower Upper  
142 100  
141 94.0 75.0 112.4  
116 3.8 3.4 5.2





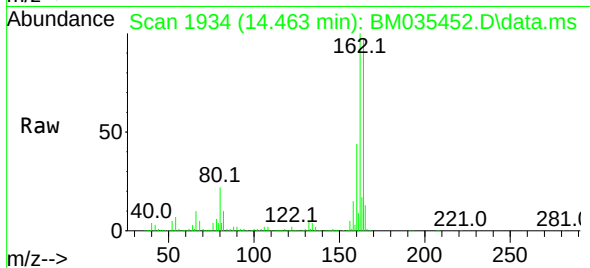
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.463 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

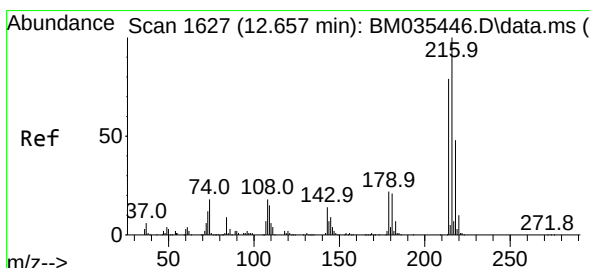
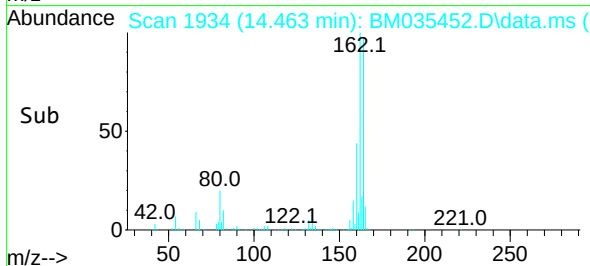
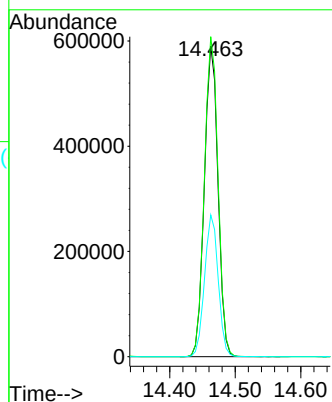


Tgt Ion:164 Resp: 855484  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.0 124.6  
160 45.7 37.0 55.4

Manual Integrations  
APPROVED

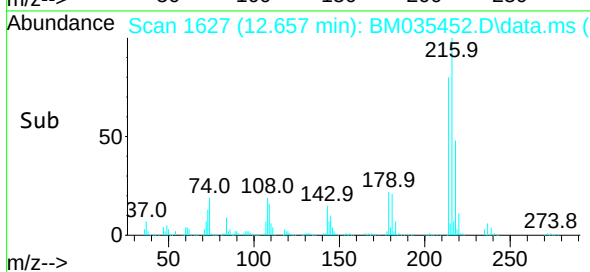
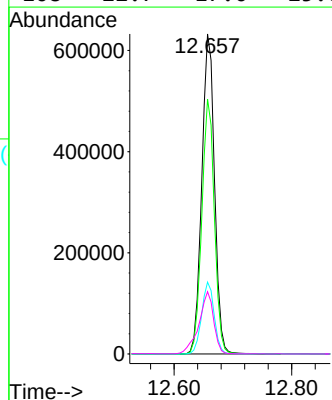
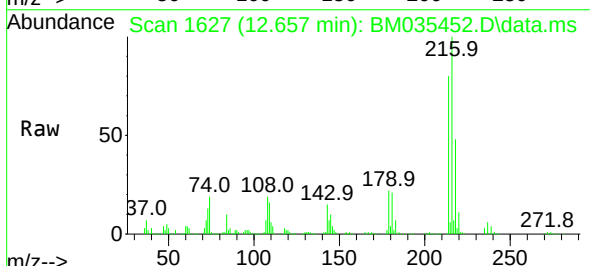
Reviewed By :Christian  
Giraldo  
06/13/2022

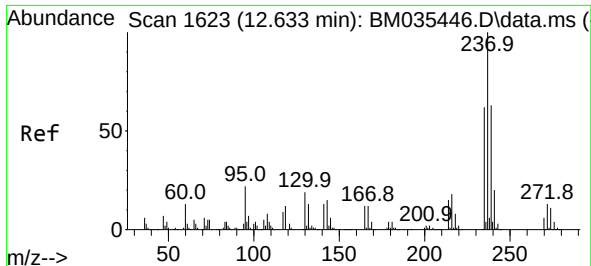
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.480 ng  
RT: 12.657 min Scan# 1627  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

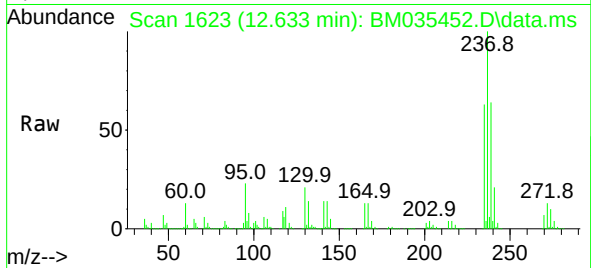
Tgt Ion:216 Resp: 951893  
Ion Ratio Lower Upper  
216 100  
214 78.7 62.6 94.0  
179 22.2 18.2 27.2  
108 22.7 17.0 25.6





#41  
Hexachlorocyclopentadiene  
Concen: 98.246 ng  
RT: 12.633 min Scan# 1623  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

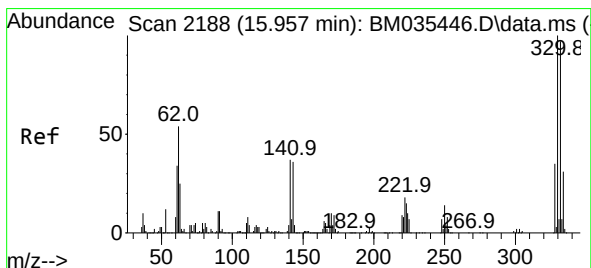
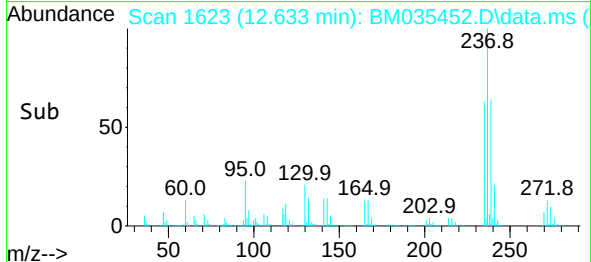
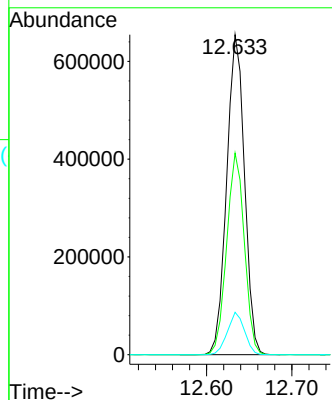
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:237 Resp: 950758  
Ion Ratio Lower Upper  
237 100  
235 63.0 43.8 83.8  
272 13.3 0.0 32.5

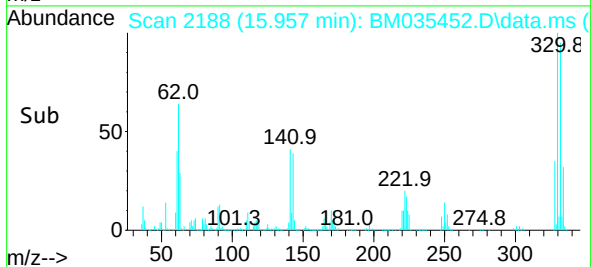
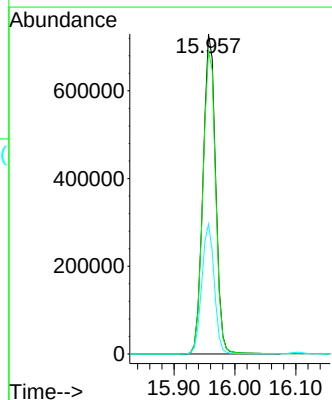
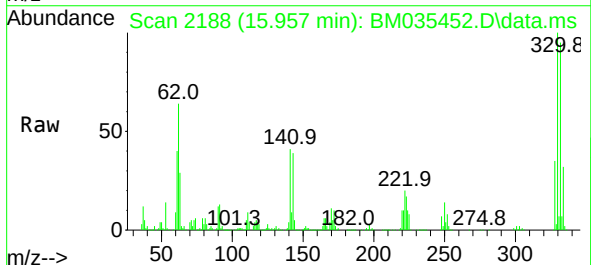
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

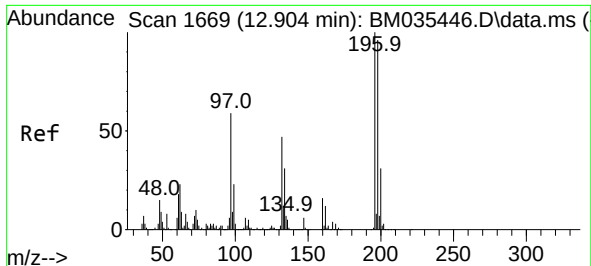


#42  
2,4,6-Tribromophenol  
Concen: 115.328 ng  
RT: 15.957 min Scan# 2188  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:330 Resp: 1050408  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.0 115.4  
141 40.3 35.3 52.9

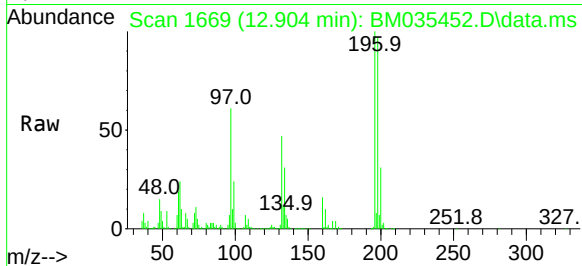






#43  
2,4,6-Trichlorophenol  
Concen: 40.350 ng  
RT: 12.904 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

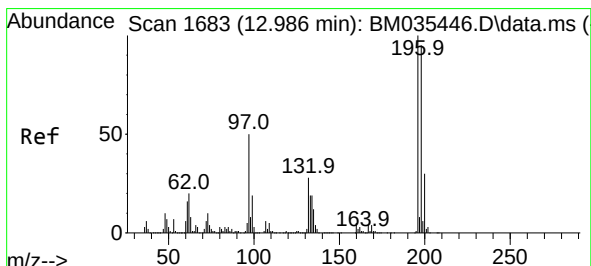
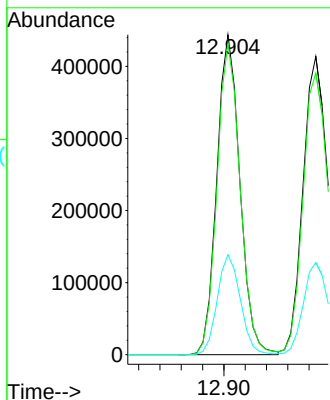
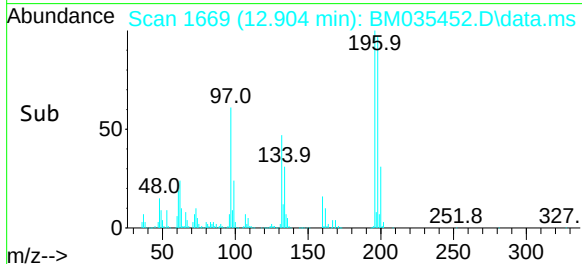
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



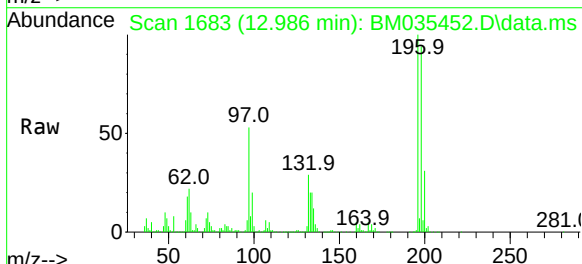
Tgt Ion:196 Resp: 667319  
Ion Ratio Lower Upper  
196 100  
198 97.1 75.8 113.6  
200 31.3 24.9 37.3

Manual Integrations  
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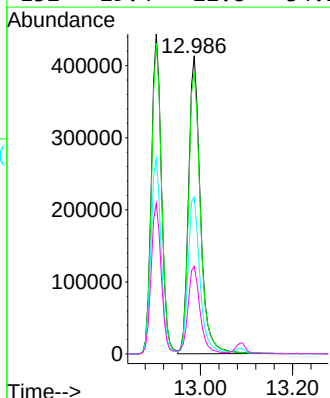
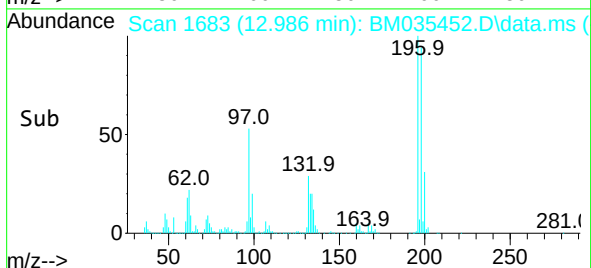
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

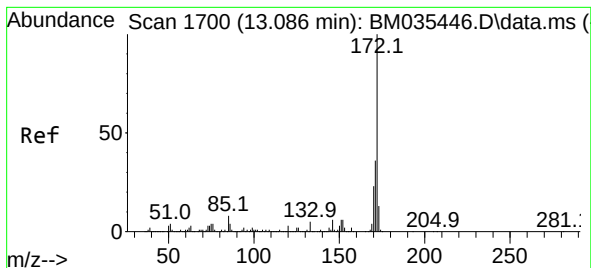


#44  
2,4,5-Trichlorophenol  
Concen: 41.265 ng  
RT: 12.986 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



Tgt Ion:196 Resp: 736237  
Ion Ratio Lower Upper  
196 100  
198 94.4 77.8 116.6  
97 52.6 43.4 65.2  
132 29.4 22.8 34.2





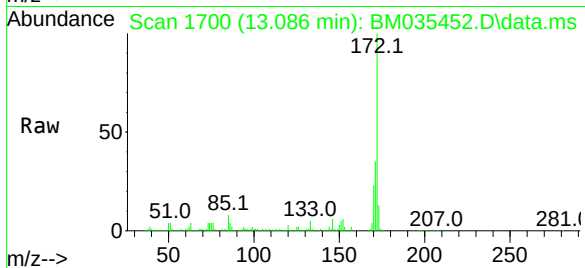
#45  
2-Fluorobiphenyl  
Concen: 74.316 ng  
RT: 13.086 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

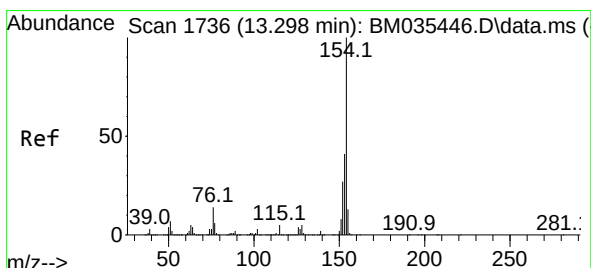
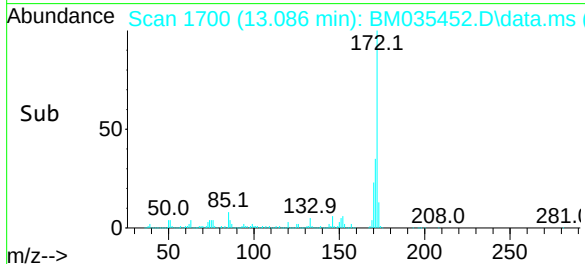
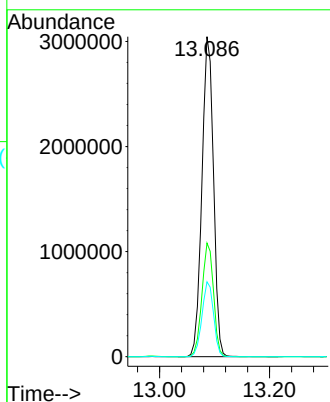


Tgt Ion:172 Resp: 445017  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.5 42.7  
170 23.4 18.7 28.1

Manual Integrations  
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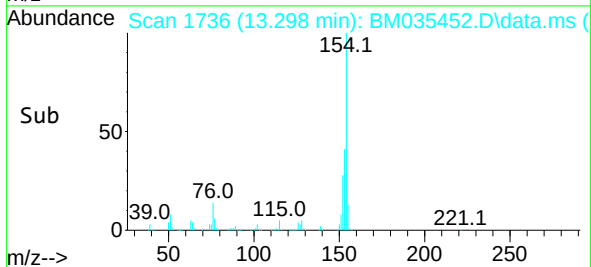
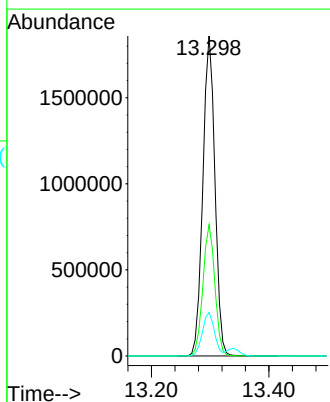
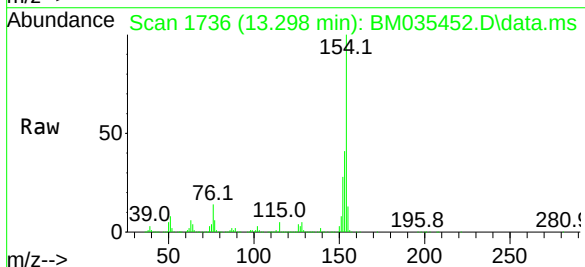
Reviewed By :Christian  
Giraldo  
06/13/2022

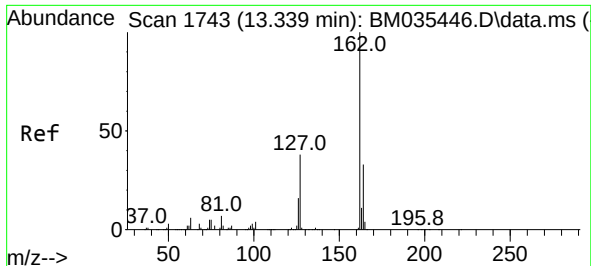
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#46  
1,1'-Biphenyl  
Concen: 39.861 ng  
RT: 13.298 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:154 Resp: 2655849  
Ion Ratio Lower Upper  
154 100  
153 41.1 20.5 60.5  
76 13.6 0.0 31.8





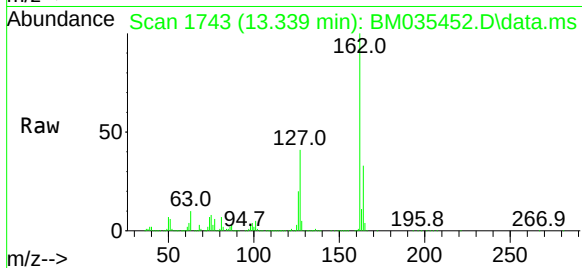
#47  
2-Chloronaphthalene  
Concen: 40.067 ng  
RT: 13.339 min Scan# 1743  
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Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

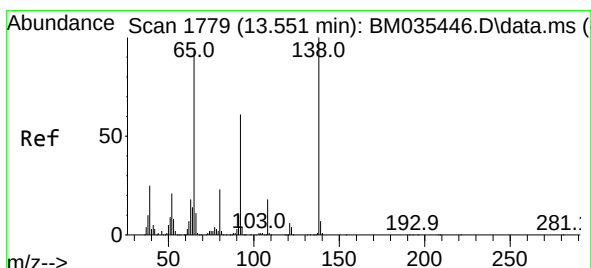
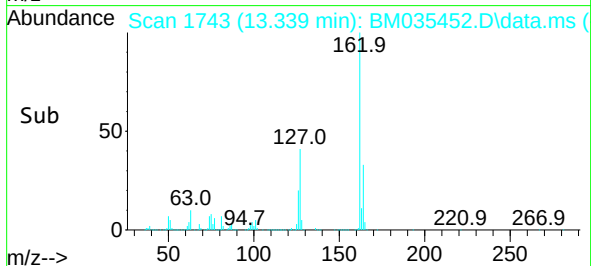
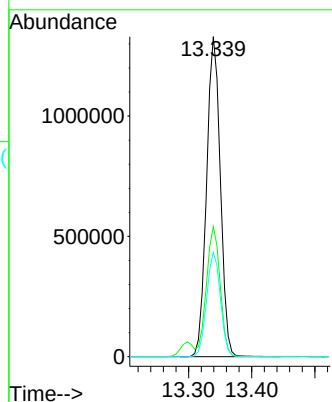


Tgt Ion:162 Resp: 200768  
Ion Ratio Lower Upper  
162 100  
127 40.6 30.6 45.8  
164 32.6 26.6 39.8

Manual Integrations  
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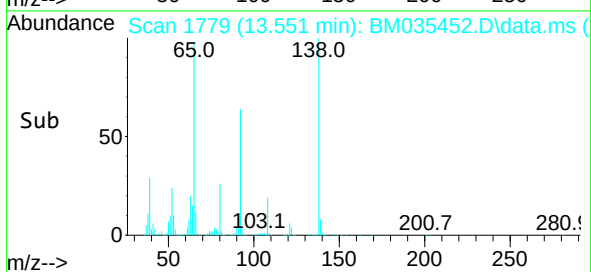
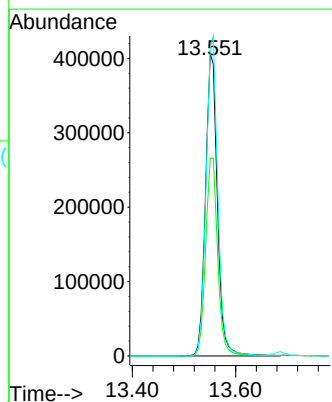
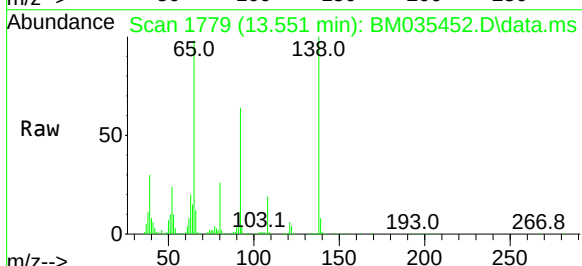
Reviewed By :Christian  
Giraldo  
06/13/2022

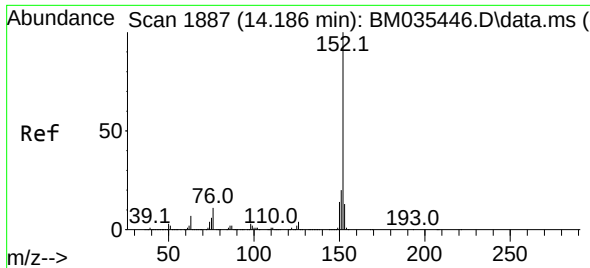
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#48  
2-Nitroaniline  
Concen: 42.850 ng  
RT: 13.551 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion: 65 Resp: 649957  
Ion Ratio Lower Upper  
65 100  
92 65.5 53.7 80.5  
138 101.9 83.9 125.9





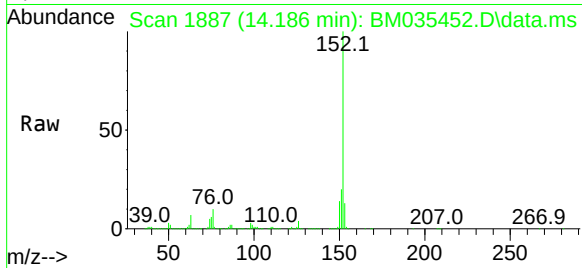
#49  
Acenaphthylene  
Concen: 42.513 ng  
RT: 14.186 min Scan# 1887  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

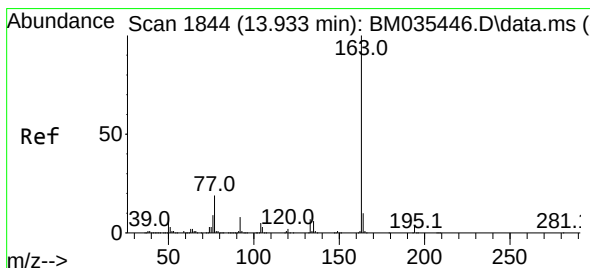
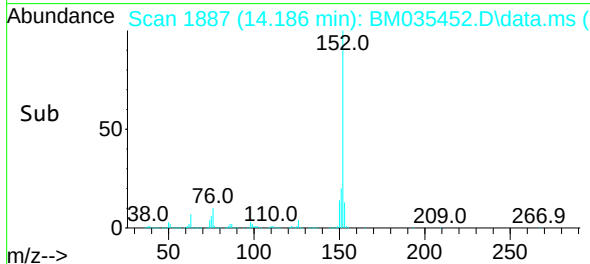
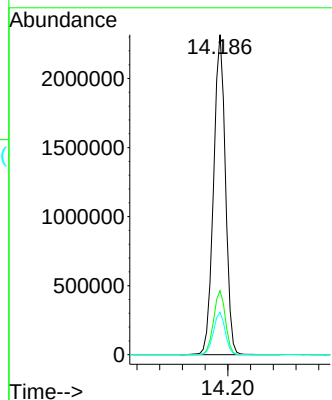


Tgt Ion:152 Resp: 333680  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2  
153 13.2 10.5 15.7

Manual Integrations  
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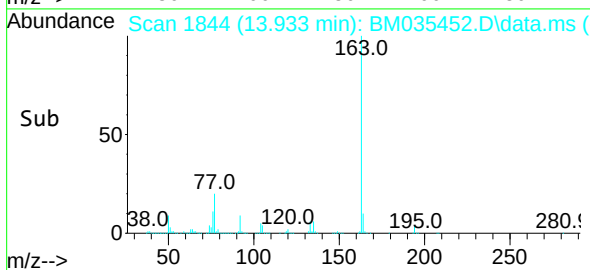
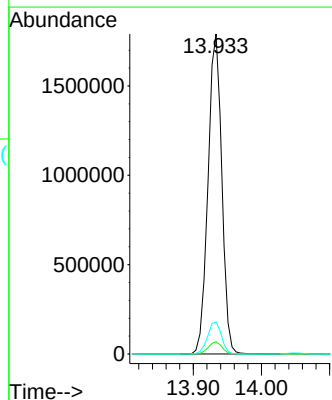
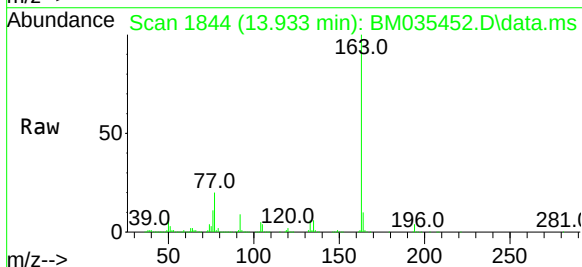
Reviewed By :Christian  
Giraldo  
06/13/2022

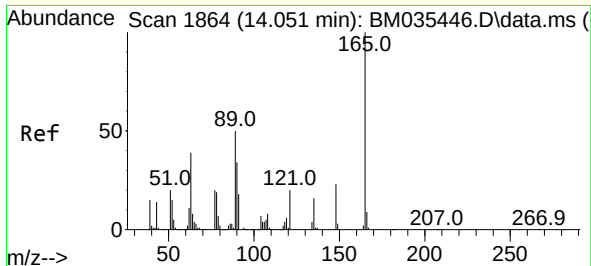
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#50  
Dimethylphthalate  
Concen: 39.893 ng  
RT: 13.933 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:163 Resp: 2511419  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 10.0 8.4 12.6





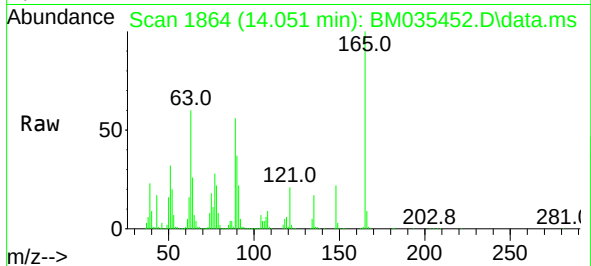
#51  
2,6-Dinitrotoluene  
Concen: 42.648 ng  
RT: 14.051 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS



Tgt Ion:165 Resp: 562020  
Ion Ratio Lower Upper  
165 100  
63 60.3 50.2 75.2  
89 56.4 48.4 72.6

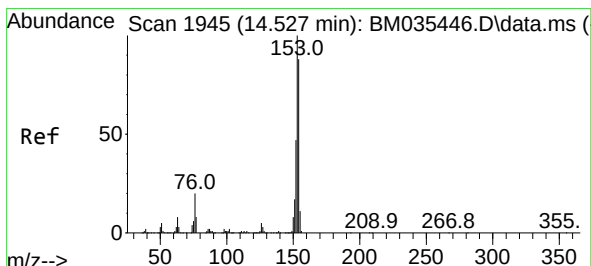
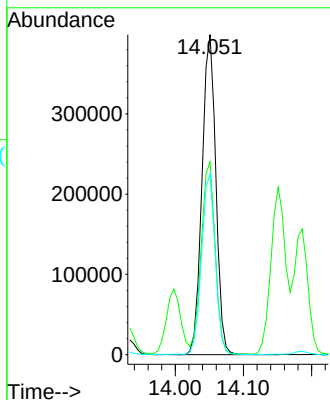
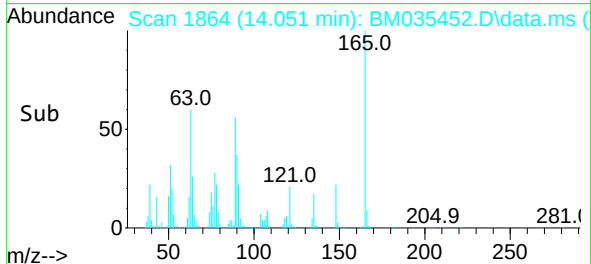
Manual Integrations

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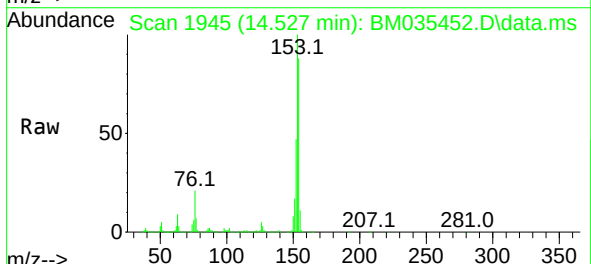
Reviewed By :Christian  
Giraldo

06/13/2022

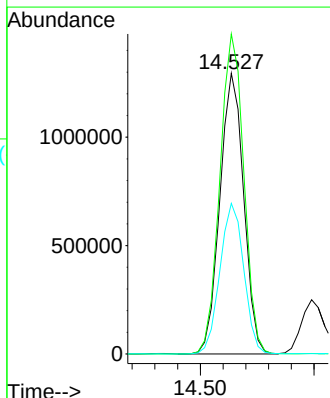
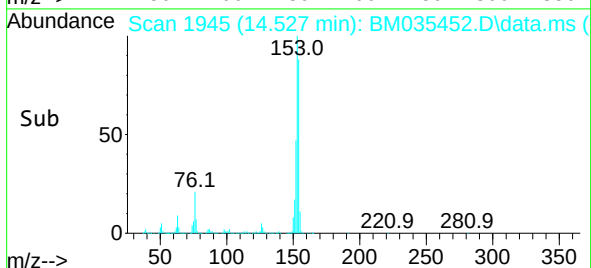
Supervised By :Jagrut  
Upadhyay  
06/13/2022

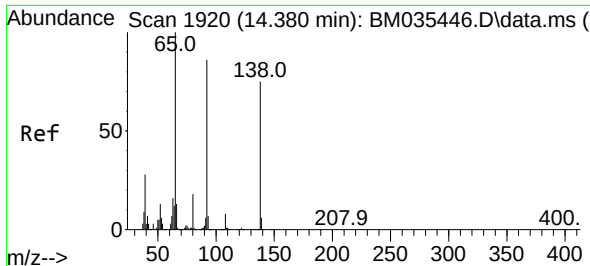


#52  
Acenaphthene  
Concen: 41.184 ng  
RT: 14.527 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



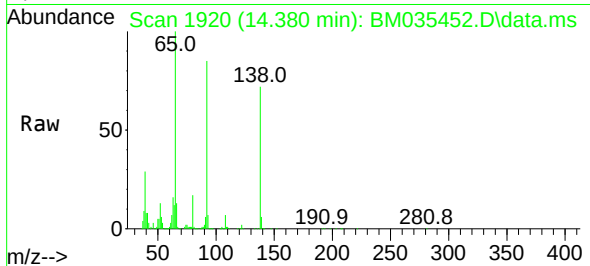
Tgt Ion:154 Resp: 1882928  
Ion Ratio Lower Upper  
154 100  
153 114.0 91.0 136.6  
152 53.7 43.4 65.2





#53  
3-Nitroaniline  
Concen: 32.143 ng  
RT: 14.380 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

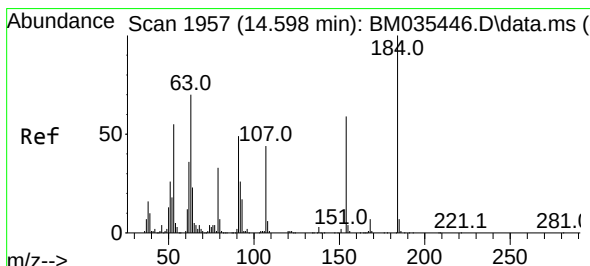
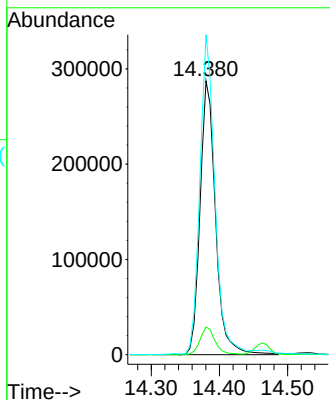
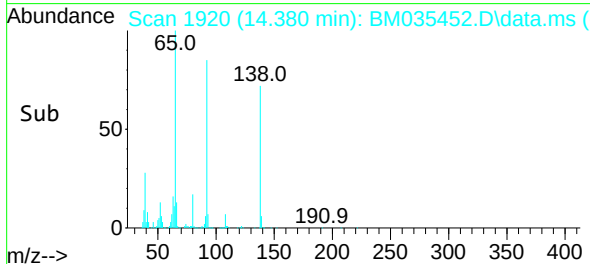
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



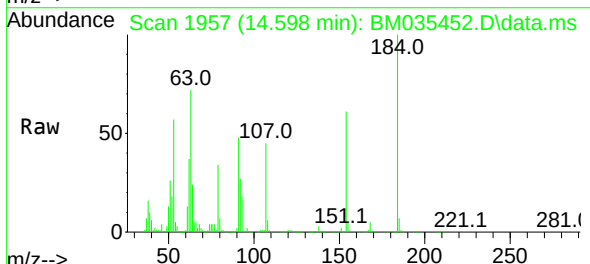
Tgt Ion:138 Resp: 454590  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.7 13.1  
92 116.9 91.5 137.3

Manual Integrations  
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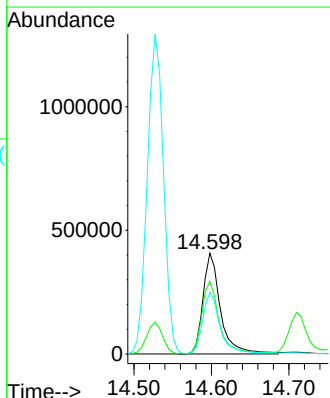
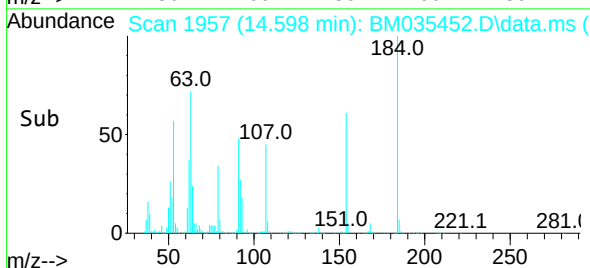
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

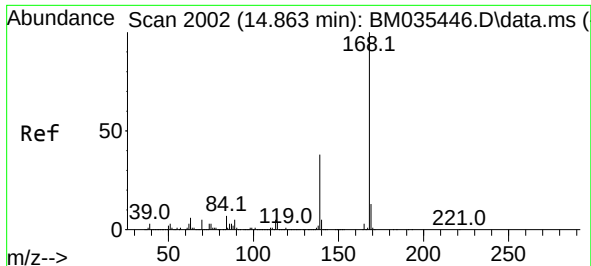


#54  
2,4-Dinitrophenol  
Concen: 77.298 ng  
RT: 14.598 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



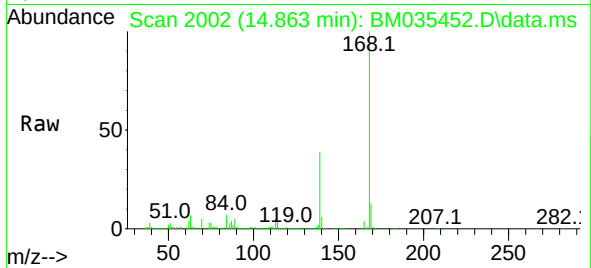
Tgt Ion:184 Resp: 639417  
Ion Ratio Lower Upper  
184 100  
63 72.3 59.5 89.3  
154 61.5 55.6 83.4





#55  
Dibenzenofuran  
Concen: 40.221 ng  
RT: 14.863 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

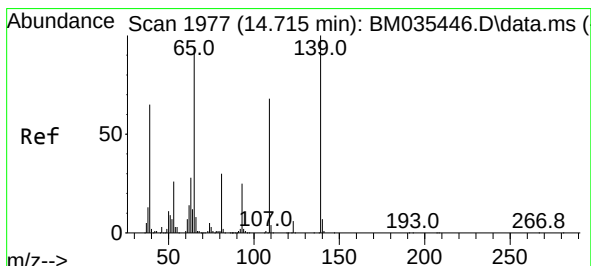
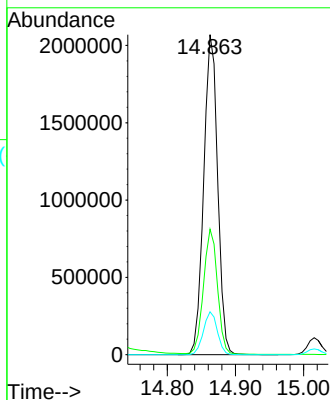
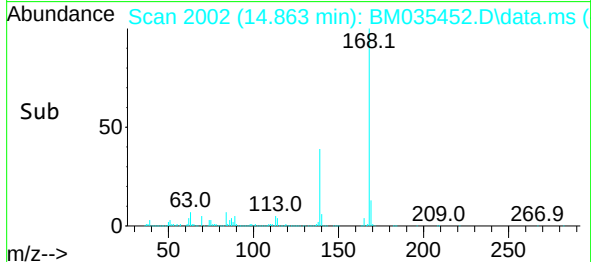
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



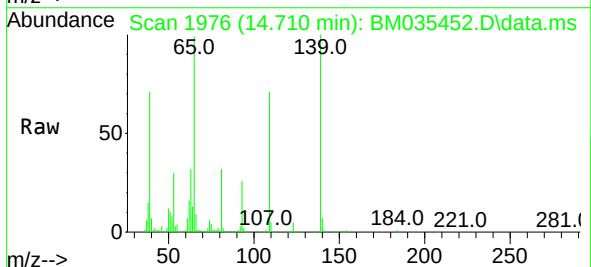
Tgt Ion:168 Resp: 294616  
Ion Ratio Lower Upper  
168 100  
139 39.2 32.2 48.2  
169 13.4 10.6 16.0

Manual Integrations  
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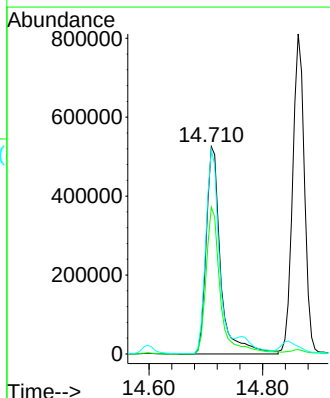
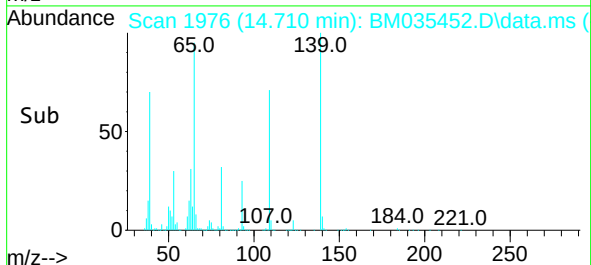
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

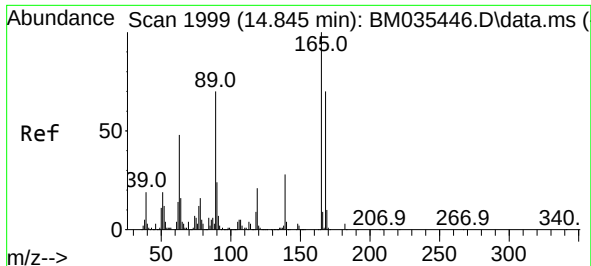


#56  
4-Nitrophenol  
Concen: 82.704 ng  
RT: 14.710 min Scan# 1976  
Delta R.T. -0.005 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



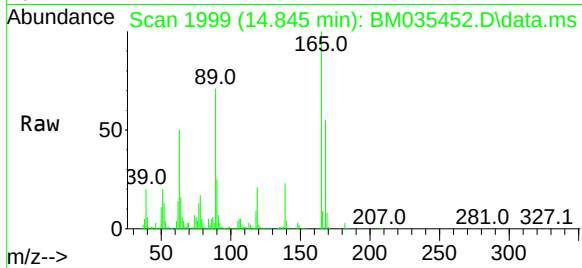
Tgt Ion:139 Resp: 925461  
Ion Ratio Lower Upper  
139 100  
109 70.8 62.5 102.5  
65 98.5 83.5 123.5





#57  
2,4-Dinitrotoluene  
Concen: 45.516 ng  
RT: 14.845 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

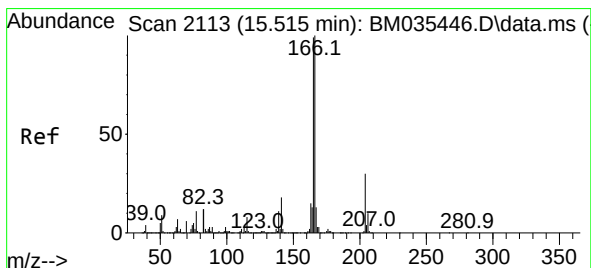
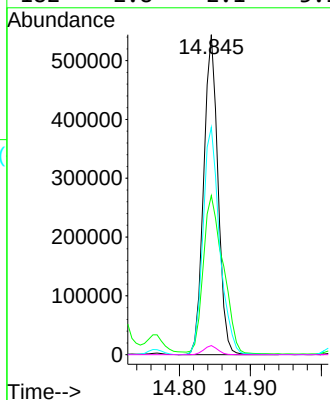
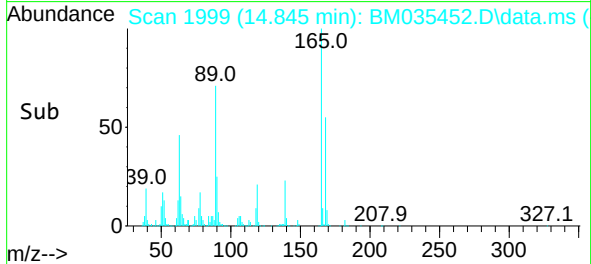
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:165 Resp: 761700  
Ion Ratio Lower Upper  
165 100  
63 49.7 35.6 53.4  
89 71.1 57.3 85.9  
182 2.8 2.1 3.1

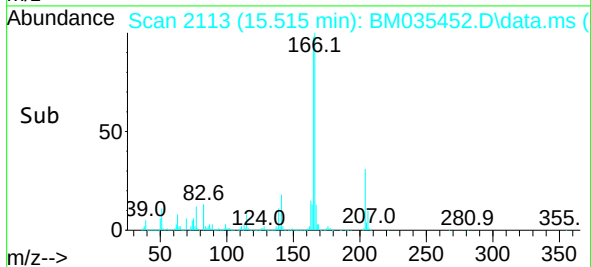
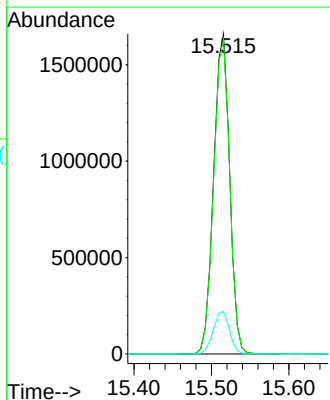
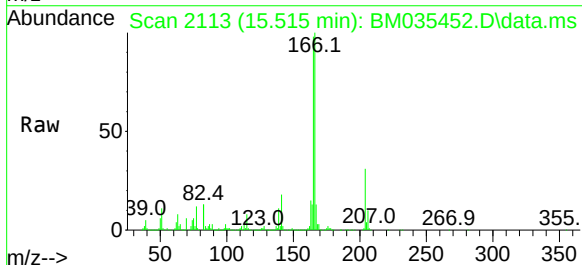
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

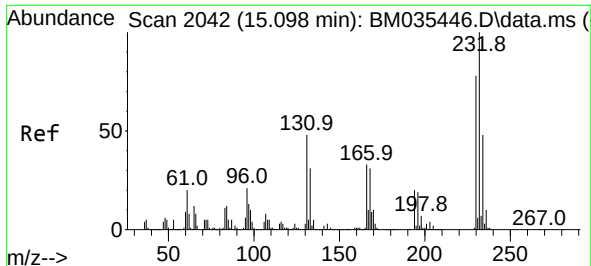


#58  
Fluorene  
Concen: 41.562 ng  
RT: 15.515 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:166 Resp: 2378303  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.4 119.2  
167 13.3 10.6 16.0

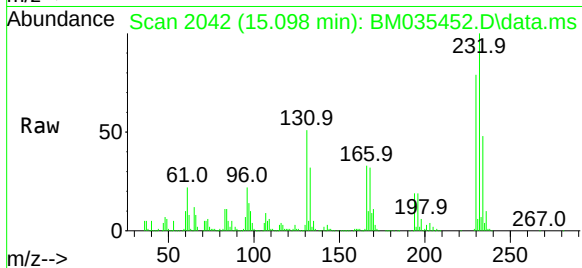






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.674 ng  
RT: 15.098 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

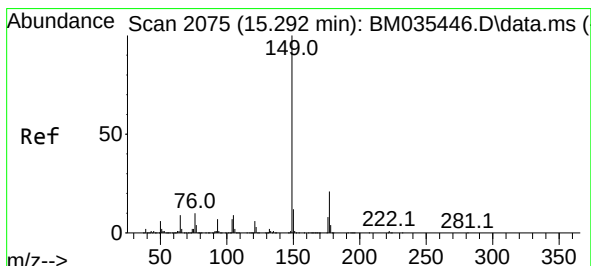
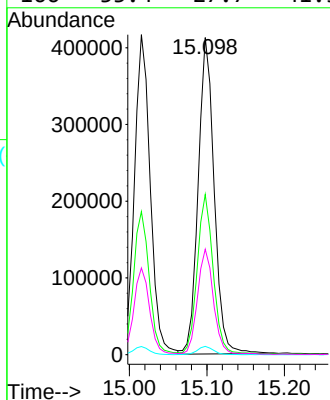
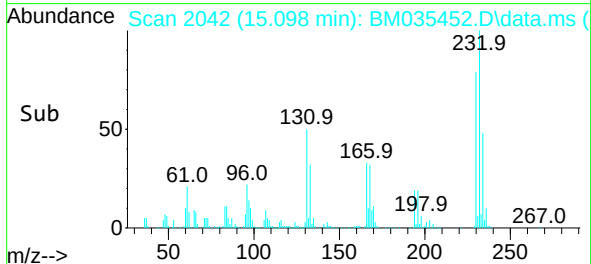
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



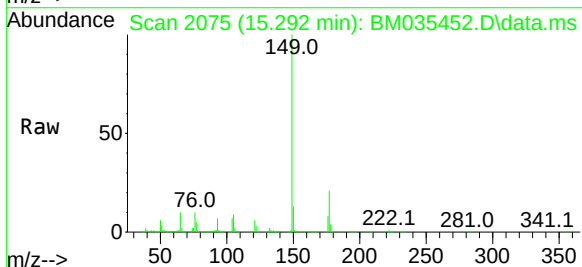
Tgt Ion:232 Resp: 59131  
Ion Ratio Lower Upper  
232 100  
131 50.8 41.0 61.6  
130 2.7 2.3 3.5  
166 33.4 27.7 41.5

Manual Integrations  
APPROVED

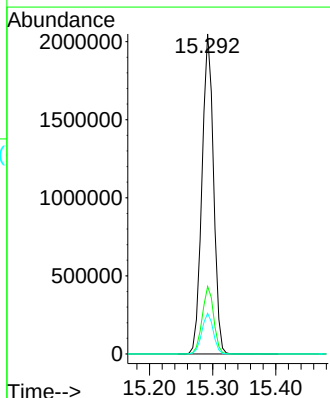
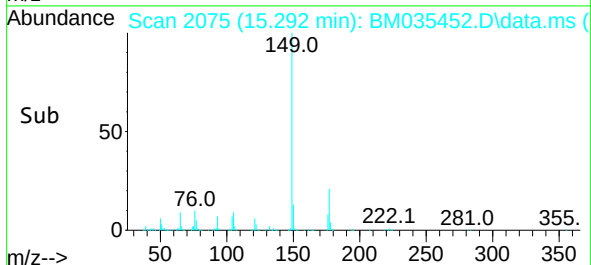
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

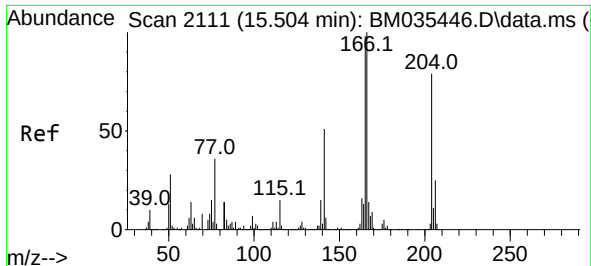


#60  
Diethylphthalate  
Concen: 42.138 ng  
RT: 15.292 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



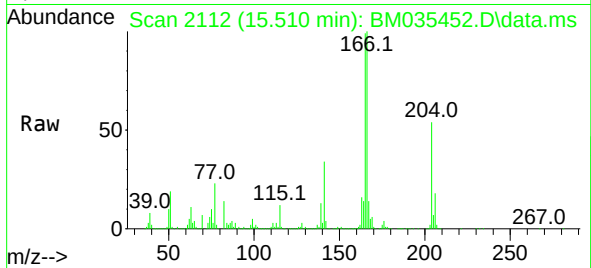
Tgt Ion:149 Resp: 2596070  
Ion Ratio Lower Upper  
149 100  
177 21.1 16.9 25.3  
150 12.7 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 40.645 ng  
RT: 15.510 min Scan# 2111  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

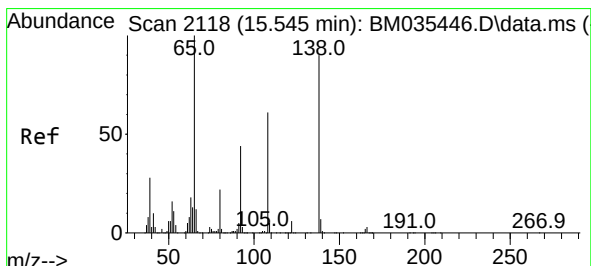
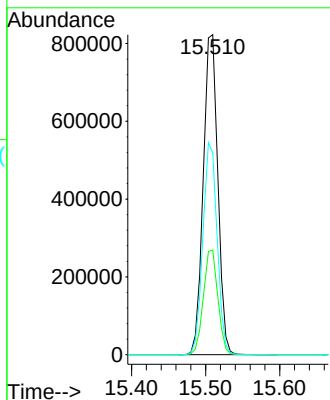
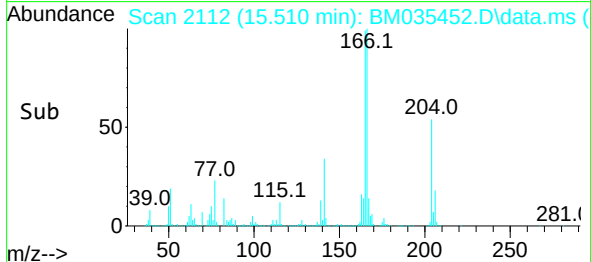
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



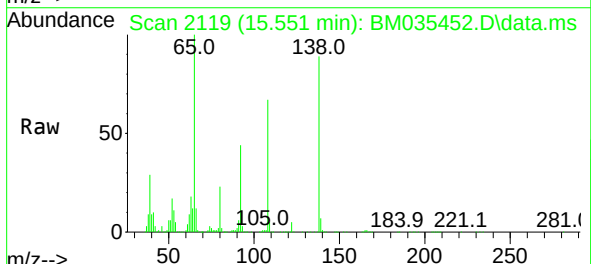
Tgt Ion:204 Resp: 112546  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.3 39.5  
141 63.0 51.2 76.8

Manual Integrations  
APPROVED

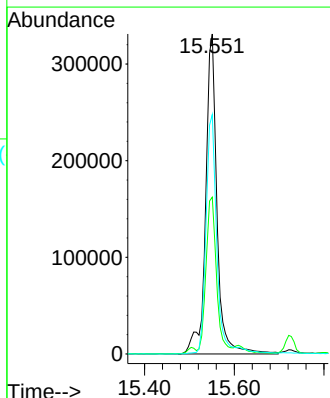
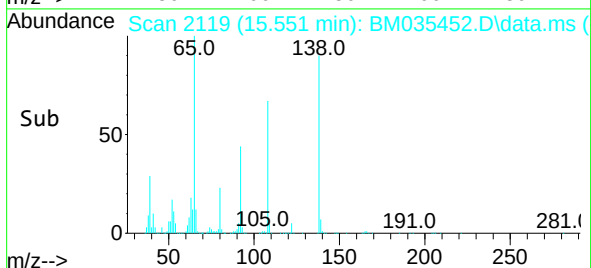
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

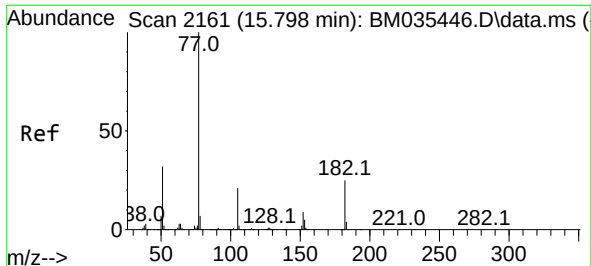


#62  
4-Nitroaniline  
Concen: 42.545 ng  
RT: 15.551 min Scan# 2119  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



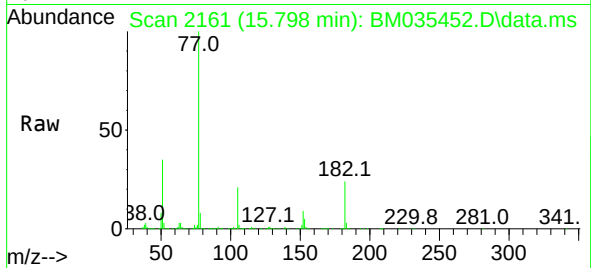
Tgt Ion:138 Resp: 582329  
Ion Ratio Lower Upper  
138 100  
92 49.0 30.8 70.8  
108 74.8 65.7 105.7





#63  
Azobenzene  
Concen: 41.710 ng  
RT: 15.798 min Scan# 2161  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

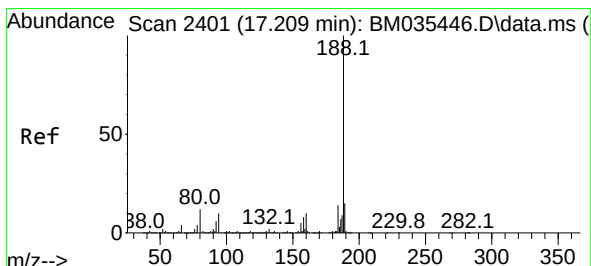
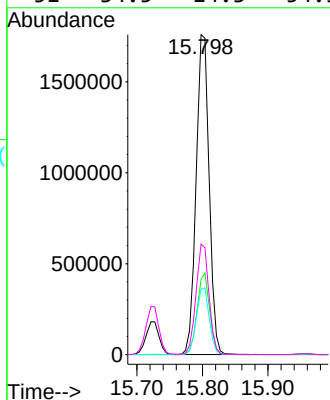
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion: 77 Resp: 243392  
Ion Ratio Lower Upper  
77 100  
182 23.6 4.9 44.9  
105 20.5 0.0 39.6  
51 34.5 14.3 54.3

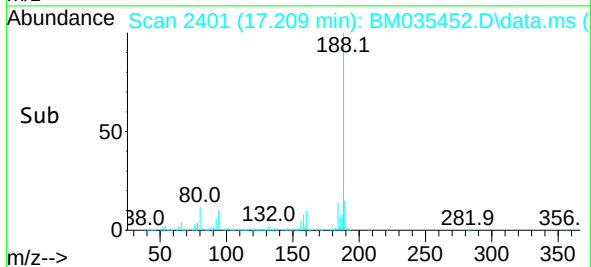
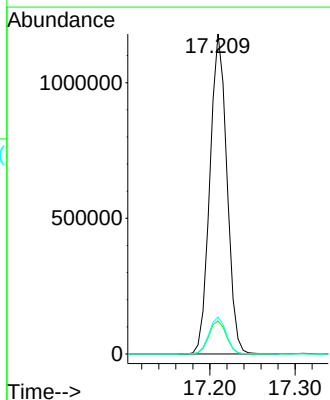
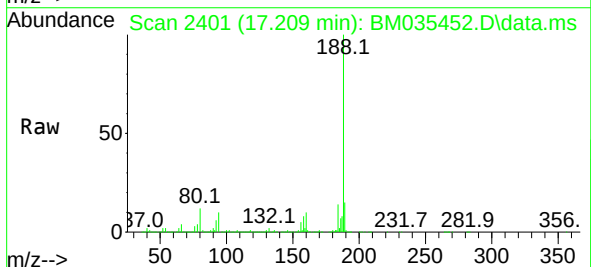
Manual Integrations  
APPROVED

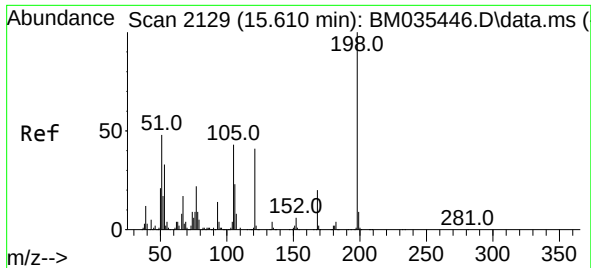
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.209 min Scan# 2401  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

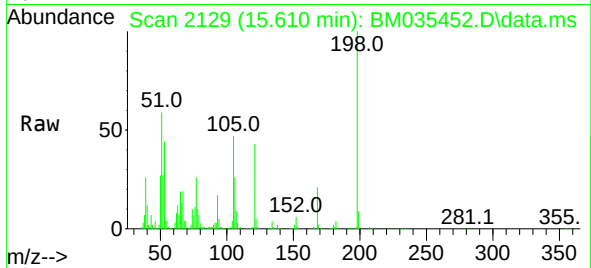
Tgt Ion:188 Resp: 1639671  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.0 10.4  
80 11.6 7.6 11.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.420 ng  
RT: 15.610 min Scan# 2129  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

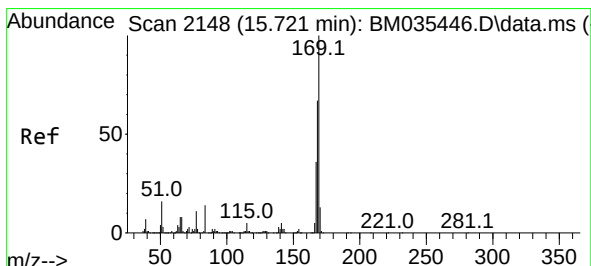
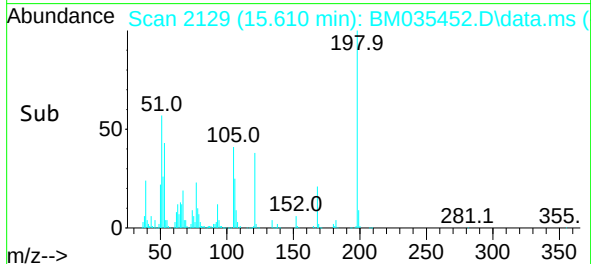
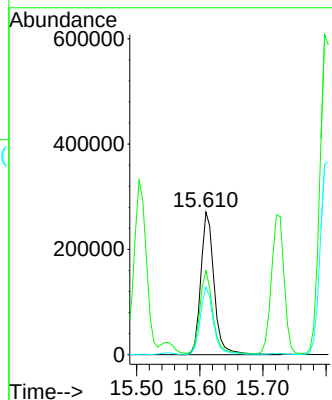
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:198 Resp: 396634  
Ion Ratio Lower Upper  
198 100  
51 59.0 29.0 69.0  
105 47.4 22.1 62.1

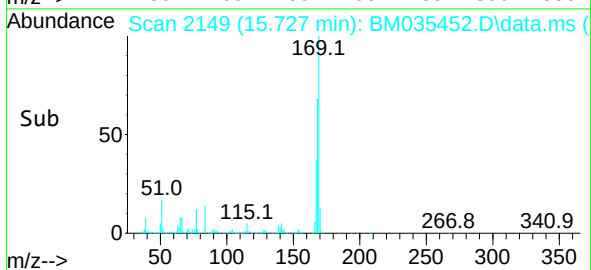
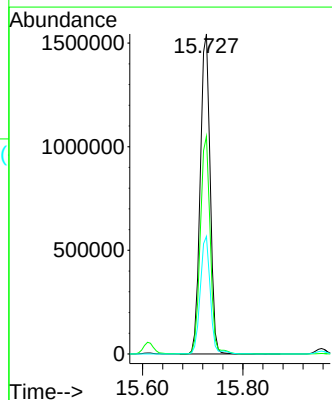
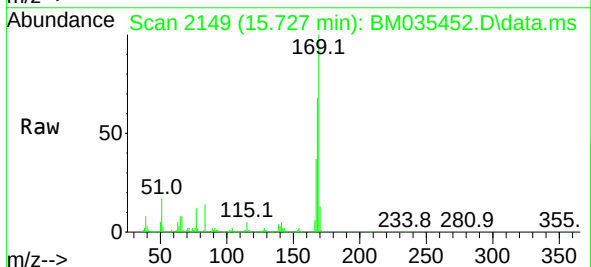
Manual Integrations  
APPROVED

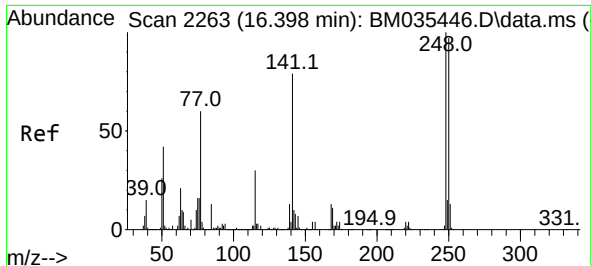
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#66  
n-Nitrosodiphenylamine  
Concen: 43.135 ng  
RT: 15.727 min Scan# 2149  
Delta R.T. 0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:169 Resp: 2106183  
Ion Ratio Lower Upper  
169 100  
168 68.0 54.3 81.5  
167 36.7 29.4 44.0





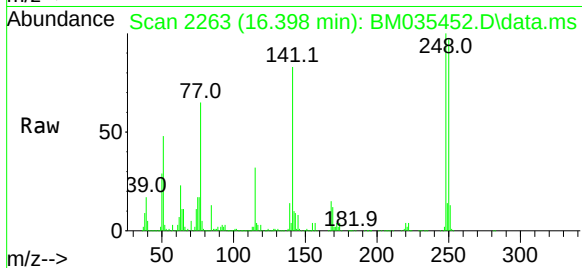
#67  
4-Bromophenyl-phenylether  
Concen: 40.975 ng  
RT: 16.398 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

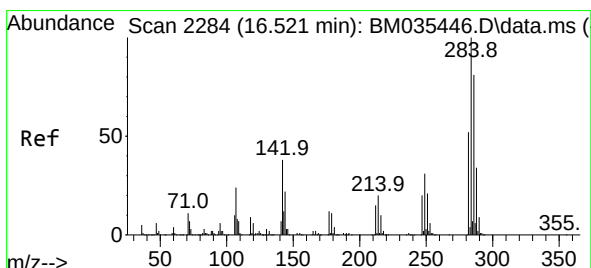
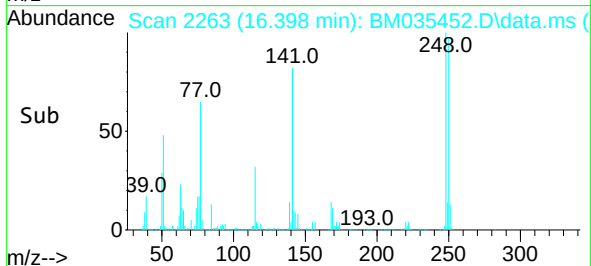
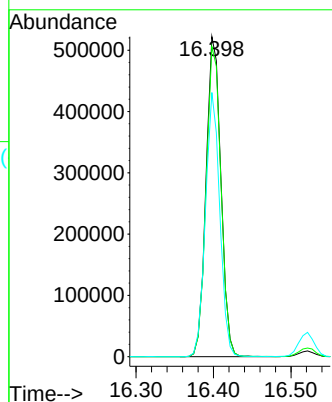


Tgt Ion:248 Resp: 69323  
Ion Ratio Lower Upper  
248 100  
250 96.9 78.0 117.0  
141 82.6 66.0 99.0

Manual Integrations  
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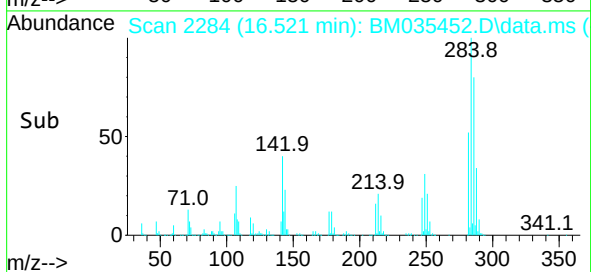
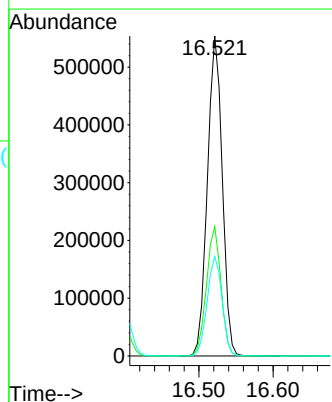
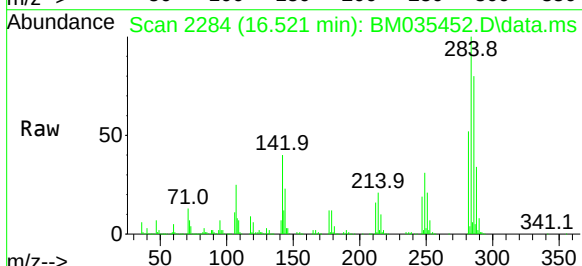
Reviewed By :Christian  
Giraldo  
06/13/2022

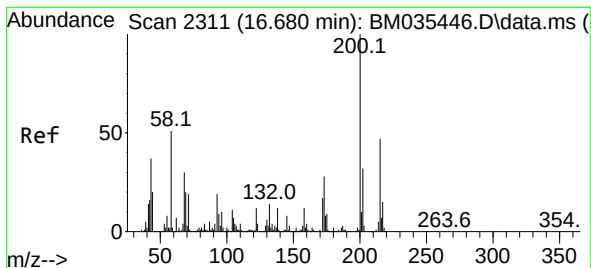
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#68  
Hexachlorobenzene  
Concen: 41.644 ng  
RT: 16.521 min Scan# 2284  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

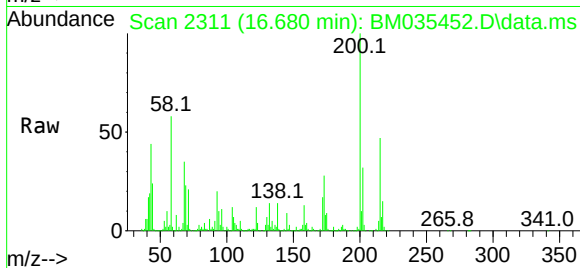
Tgt Ion:284 Resp: 770265  
Ion Ratio Lower Upper  
284 100  
142 40.4 33.6 50.4  
249 31.1 26.2 39.2





#69  
 Atrazine  
 Concen: 47.131 ng  
 RT: 16.680 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM035452.D  
 Acq: 10 Jun 2022 16:55

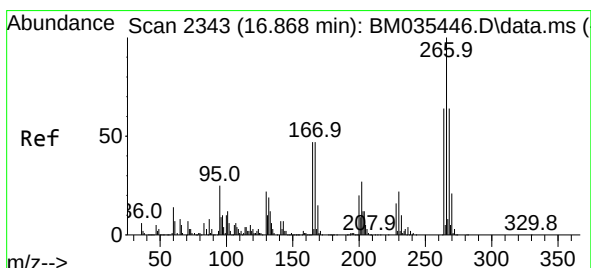
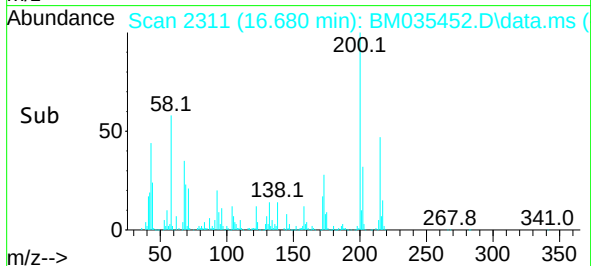
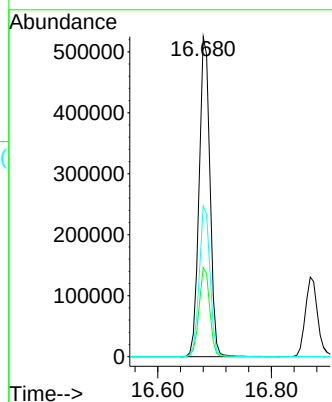
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB145400BS



Tgt Ion:200 Resp: 69861  
 Ion Ratio Lower Upper  
 200 100  
 173 27.8 6.6 46.6  
 215 47.1 26.2 66.2

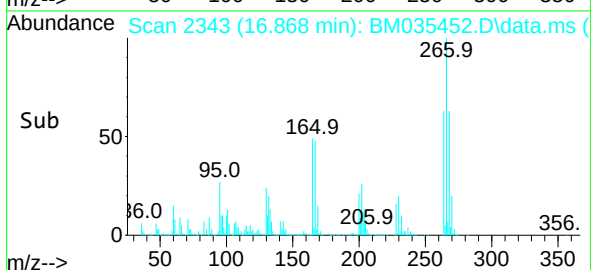
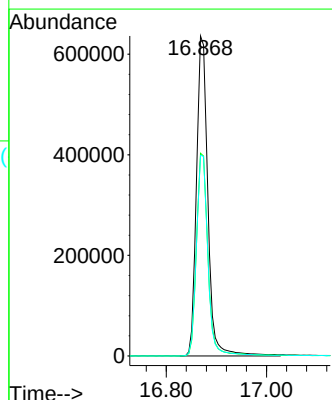
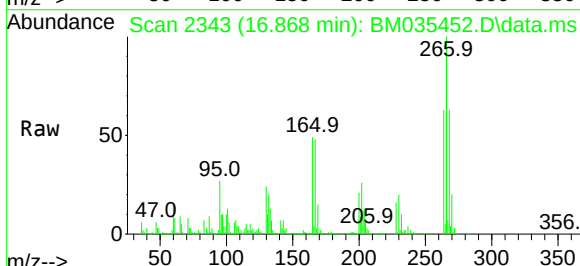
Manual Integrations  
 APPROVED

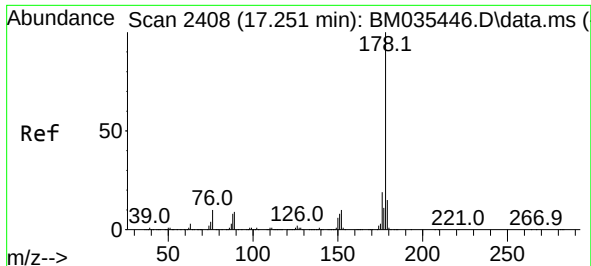
Reviewed By :Christian  
 Giraldo  
 06/13/2022  
 Supervised By :Jagrut  
 Upadhyay  
 06/13/2022



#70  
 Pentachlorophenol  
 Concen: 103.083 ng  
 RT: 16.868 min Scan# 2343  
 Delta R.T. 0.000 min  
 Lab File: BM035452.D  
 Acq: 10 Jun 2022 16:55

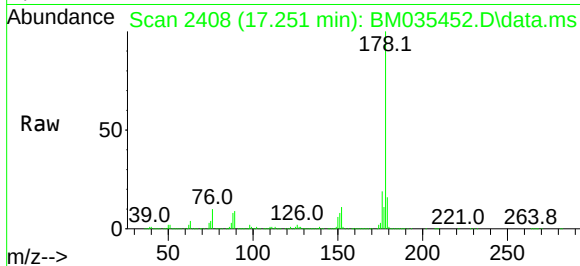
Tgt Ion:266 Resp: 1003977  
 Ion Ratio Lower Upper  
 266 100  
 268 63.4 51.9 77.9  
 264 62.7 50.6 76.0





#71  
Phenanthrene  
Concen: 41.763 ng  
RT: 17.251 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

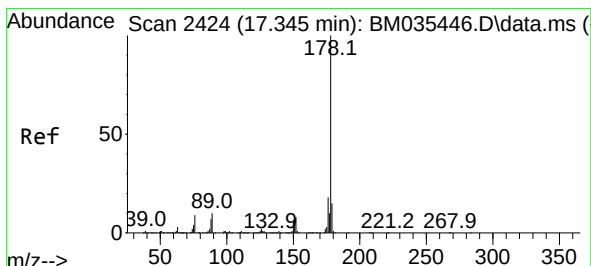
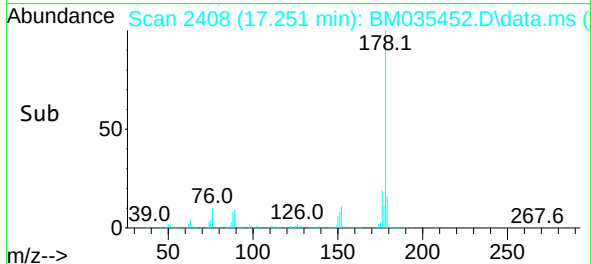
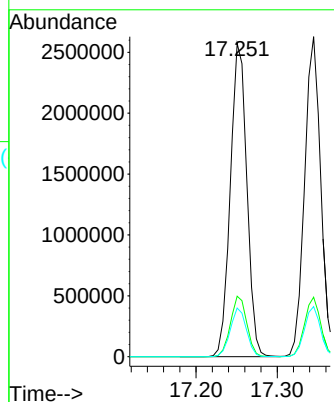
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:178 Resp: 3634312  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.0  
179 15.5 12.4 18.6

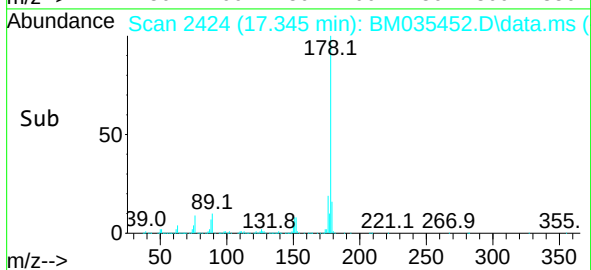
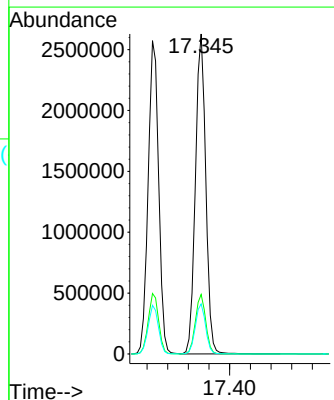
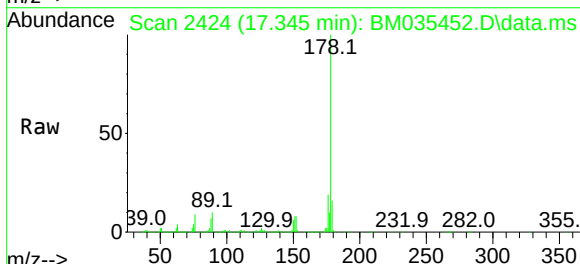
Manual Integrations  
APPROVED

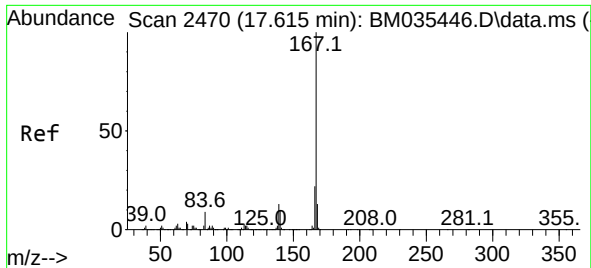
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#72  
Anthracene  
Concen: 43.025 ng  
RT: 17.345 min Scan# 2424  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:178 Resp: 3653196  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.4  
179 15.7 12.2 18.2





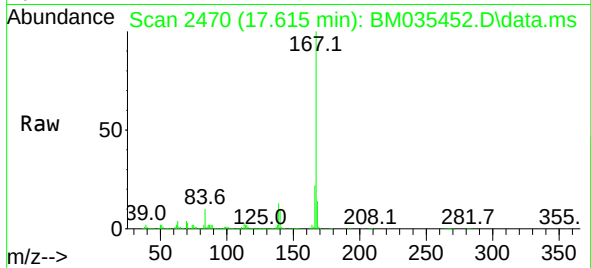
#73  
 Carbazole  
 Concen: 40.831 ng  
 RT: 17.615 min Scan# 2470  
 Delta R.T. 0.000 min  
 Lab File: BM035452.D  
 Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

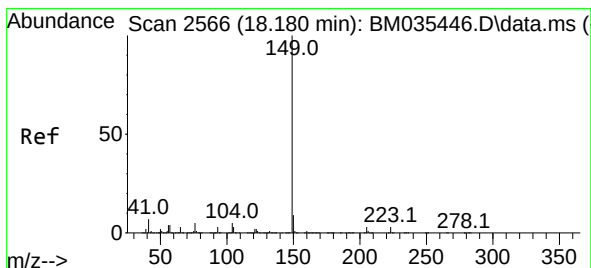
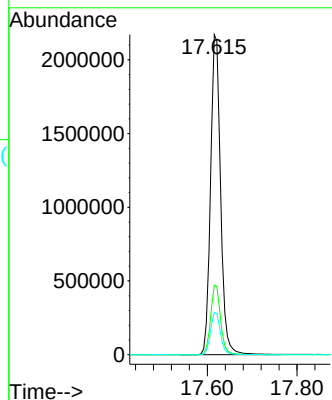


Tgt Ion:167 Resp: 336161  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.8 26.8  
 139 13.2 10.9 16.3

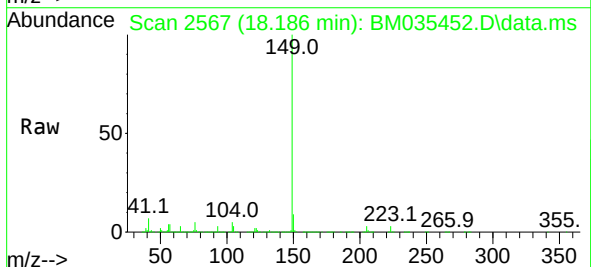
Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo  
 06/13/2022

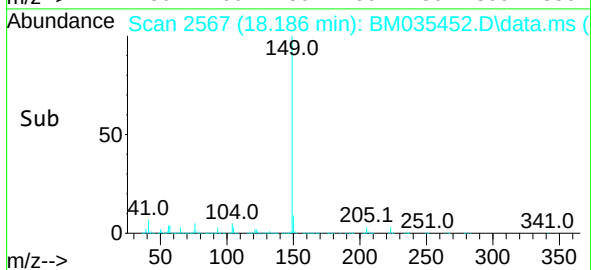
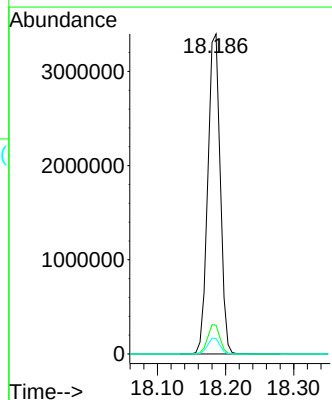
Supervised By :Jagrut  
 Upadhyay  
 06/13/2022



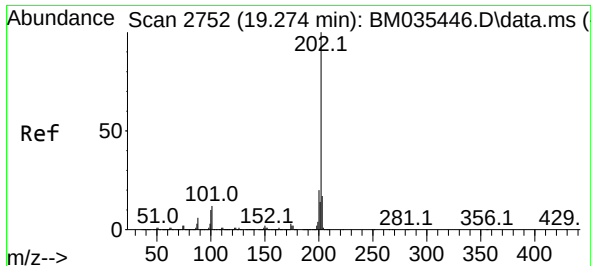
#74  
 Di-n-butylphthalate  
 Concen: 43.584 ng  
 RT: 18.186 min Scan# 2567  
 Delta R.T. 0.006 min  
 Lab File: BM035452.D  
 Acq: 10 Jun 2022 16:55



Tgt Ion:149 Resp: 4291694  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.3 10.9  
 104 4.9 4.3 6.5

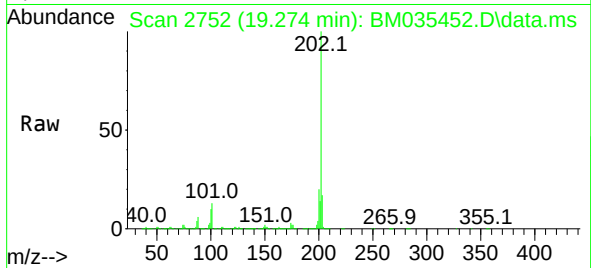






#75  
Fluoranthene  
Concen: 41.999 ng  
RT: 19.274 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

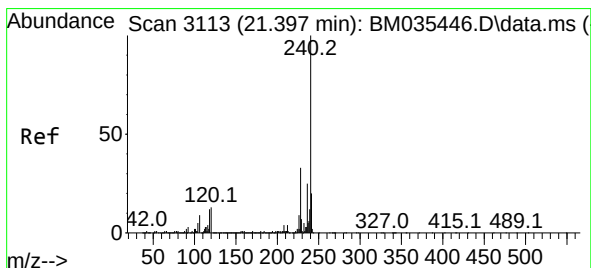
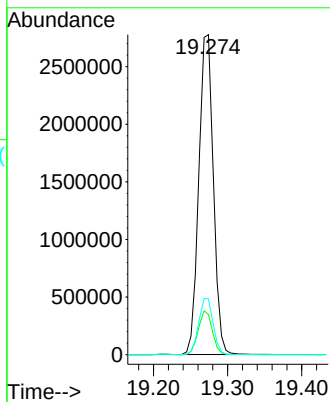
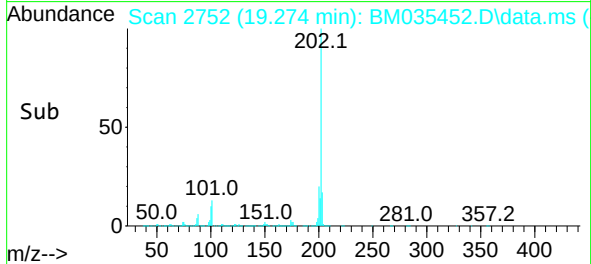
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



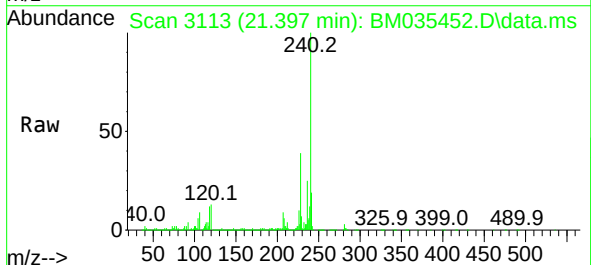
Tgt Ion:202 Resp: 379521  
Ion Ratio Lower Upper  
202 100  
101 12.6 0.0 30.6  
203 17.5 0.0 37.4

Manual Integrations  
APPROVED

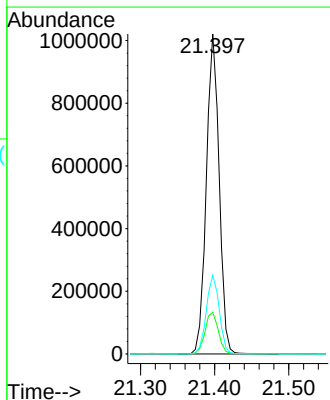
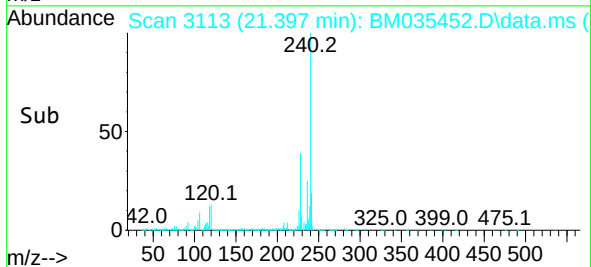
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022

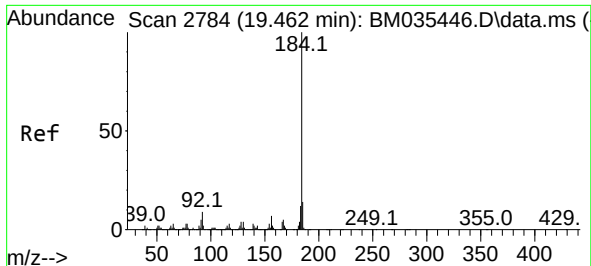


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.397 min Scan# 3113  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



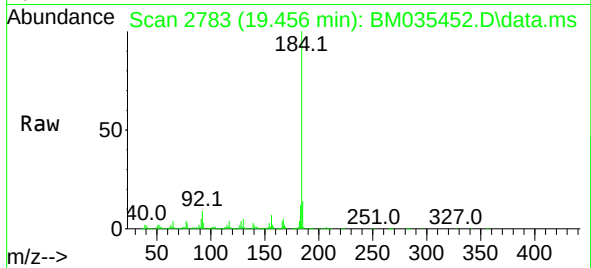
Tgt Ion:240 Resp: 1223183  
Ion Ratio Lower Upper  
240 100  
120 13.1 9.4 14.0  
236 24.6 20.6 30.8





#77  
Benzidine  
Concen: 86.193 ng  
RT: 19.456 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

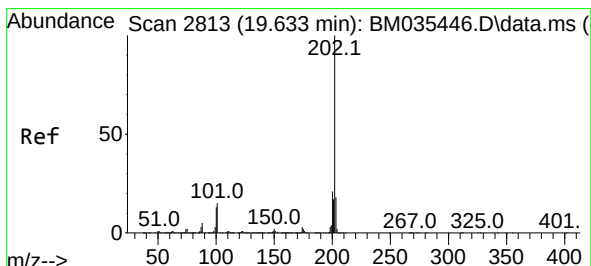
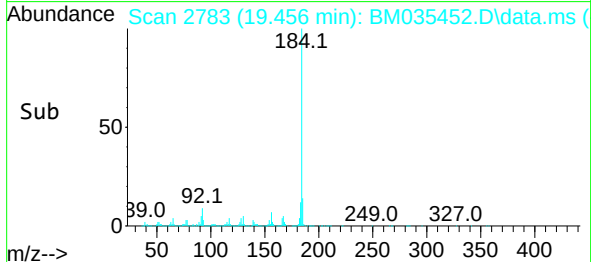
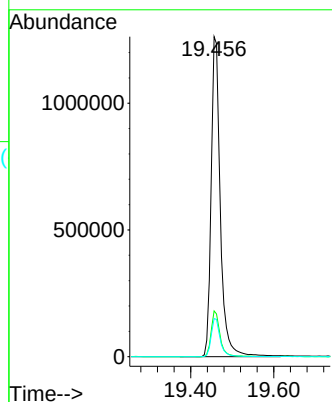
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:184 Resp: 1938095  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.3 16.9  
183 11.9 9.5 14.3

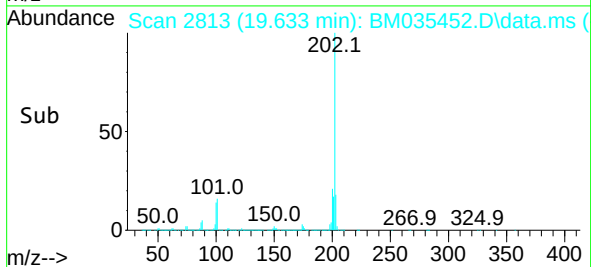
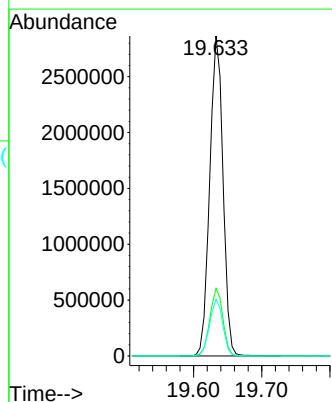
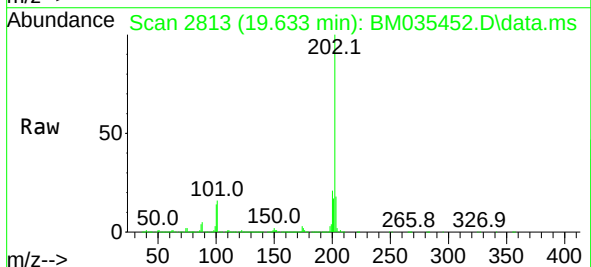
Manual Integrations  
APPROVED

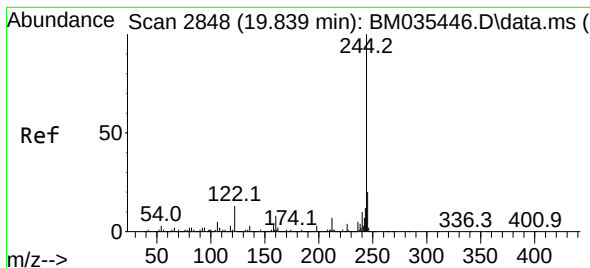
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#78  
Pyrene  
Concen: 45.155 ng  
RT: 19.633 min Scan# 2813  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:202 Resp: 3876795  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.7 25.1  
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 87.021 ng

RT: 19.839 min Scan# 2848

Delta R.T. 0.000 min

Lab File: BM035452.D

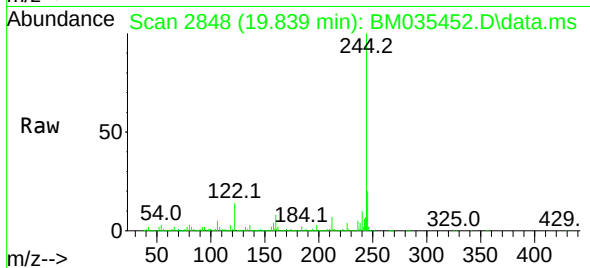
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS



Tgt Ion:244 Resp: 557483

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 13.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian

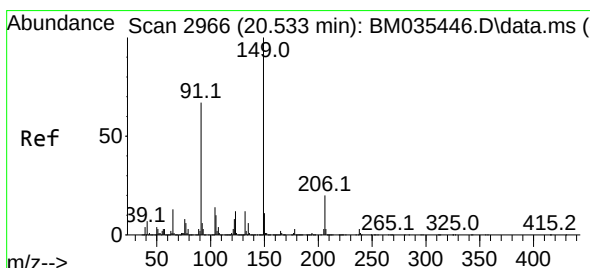
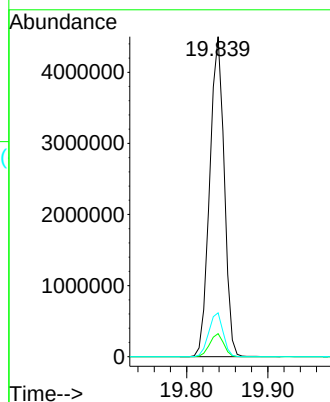
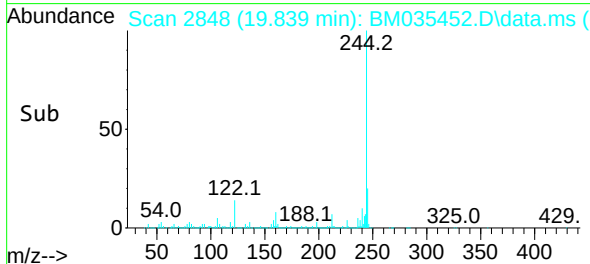
Giraldo

06/13/2022

Supervised By :Jagrut

Upadhyay

06/13/2022



#80

Butylbenzylphthalate

Concen: 45.671 ng

RT: 20.533 min Scan# 2966

Delta R.T. 0.000 min

Lab File: BM035452.D

Acq: 10 Jun 2022 16:55

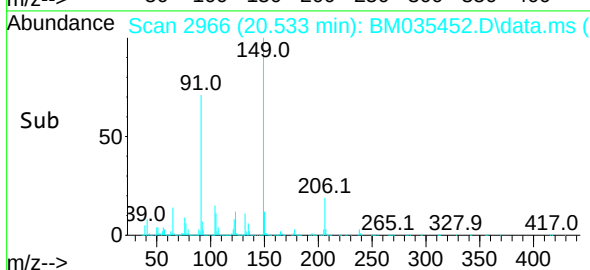
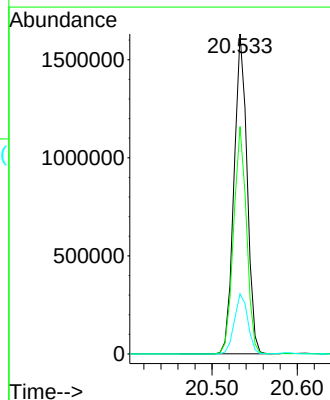
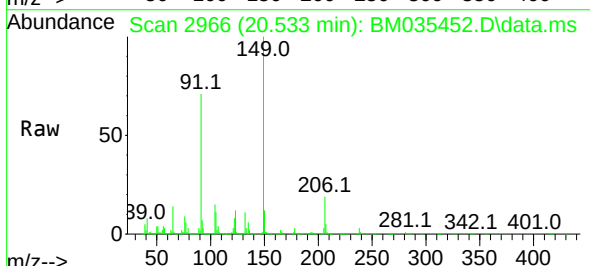
Tgt Ion:149 Resp: 1736918

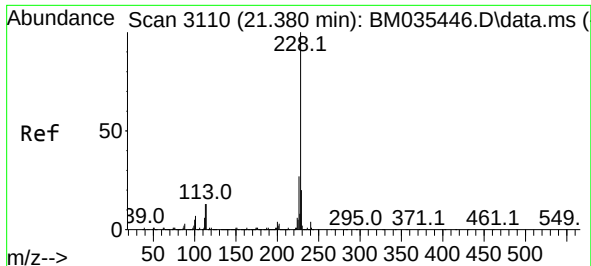
Ion Ratio Lower Upper

149 100

91 71.0 56.6 85.0

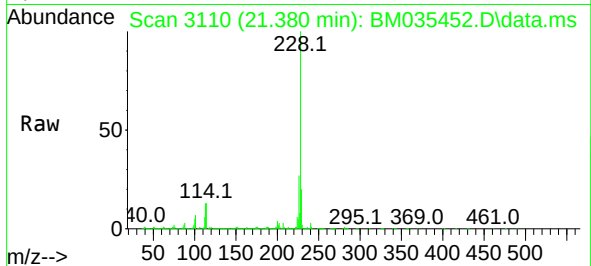
206 18.8 15.4 23.0





#81  
Benzo(a)anthracene  
Concen: 42.893 ng  
RT: 21.380 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

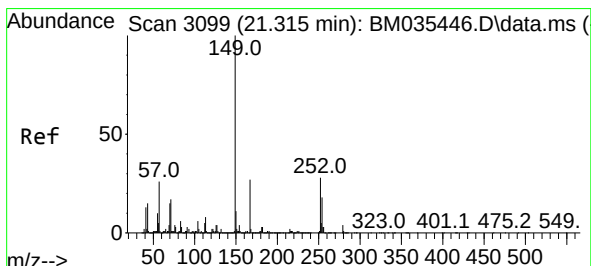
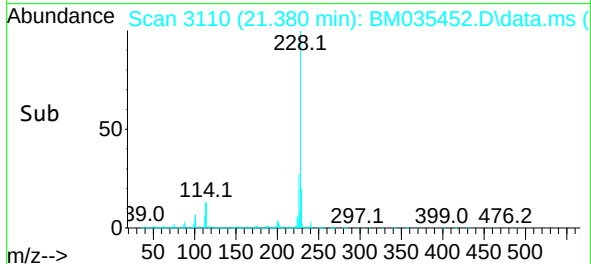
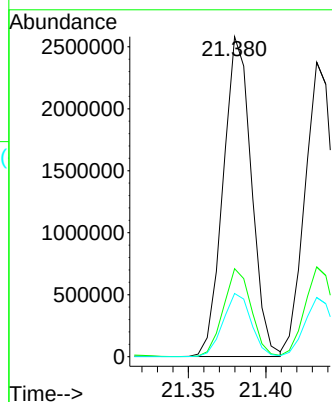
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:228 Resp: 3268534  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.3 33.5  
229 19.8 15.8 23.6

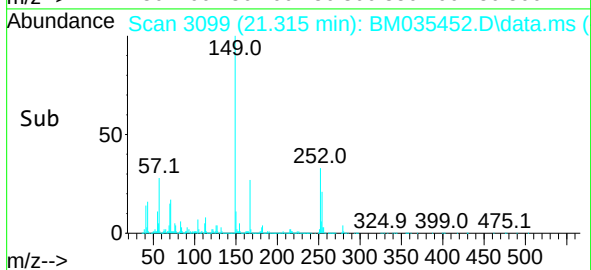
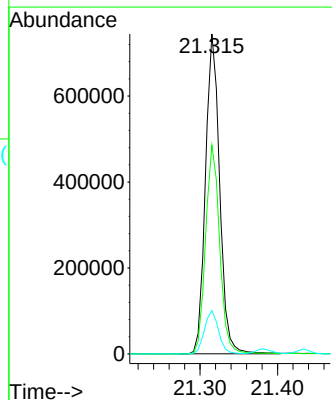
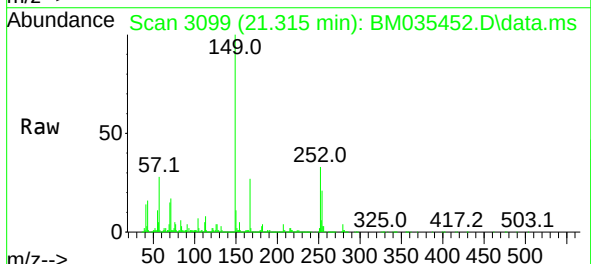
Manual Integrations  
APPROVED

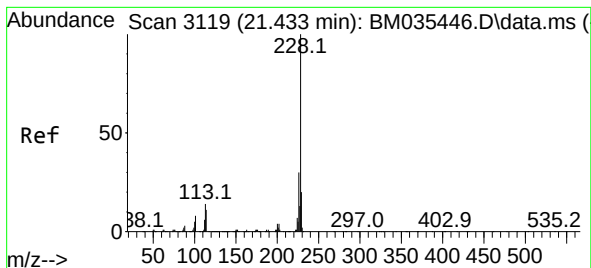
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 53.984 ng  
RT: 21.315 min Scan# 3099  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:252 Resp: 947040  
Ion Ratio Lower Upper  
252 100  
254 65.3 51.7 77.5  
126 13.5 9.4 14.0





#83

Chrysene

Concen: 41.378 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM035452.D

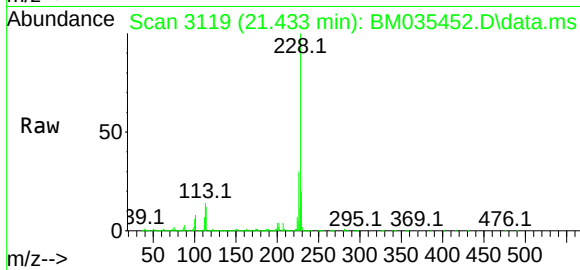
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS



Tgt Ion:228 Resp: 3045629

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.1 15.8 23.8

Manual Integrations

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Reviewed By :Christian

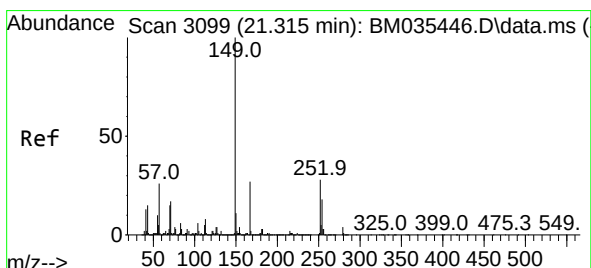
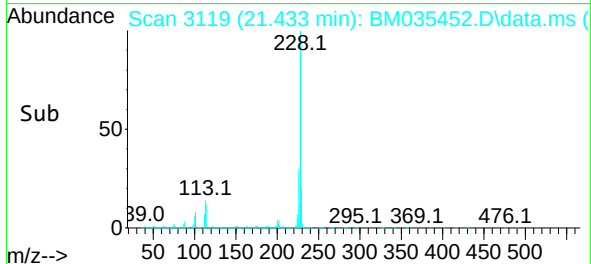
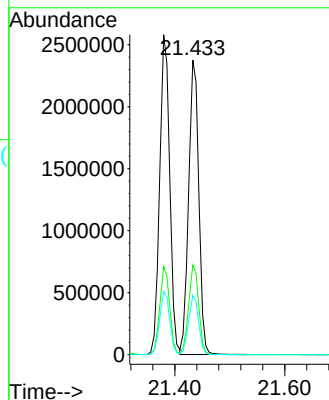
Giraldo

06/13/2022

Supervised By :Jagrut

Upadhyay

06/13/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.226 ng

RT: 21.315 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM035452.D

Acq: 10 Jun 2022 16:55

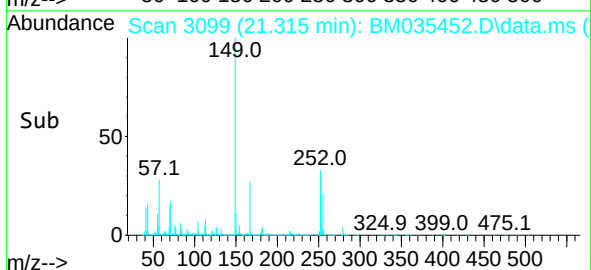
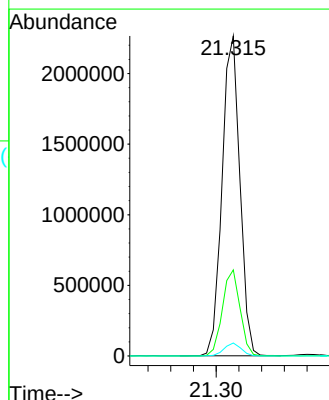
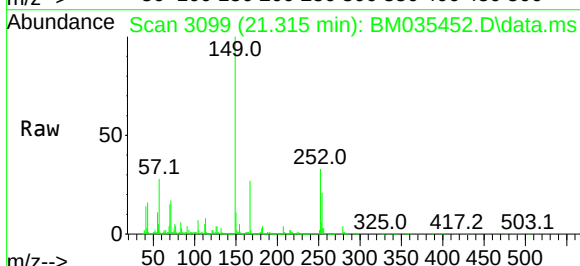
Tgt Ion:149 Resp: 2466817

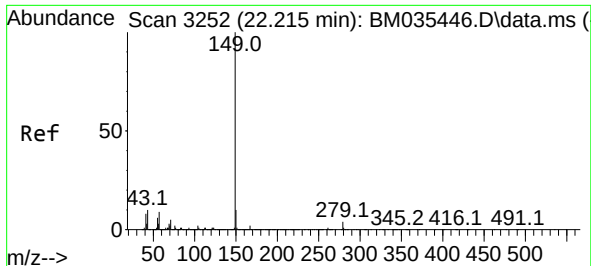
Ion Ratio Lower Upper

149 100

167 26.9 21.1 31.7

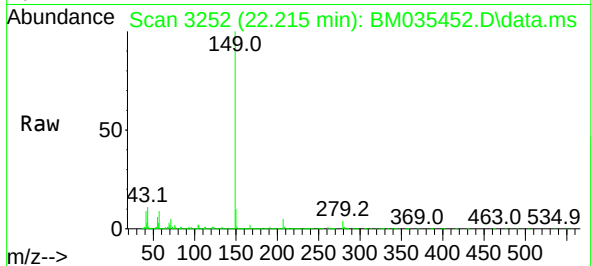
279 4.0 2.8 4.2





#85  
Di-n-octyl phthalate  
Concen: 43.085 ng  
RT: 22.215 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

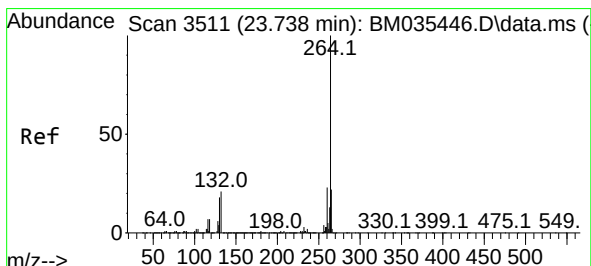
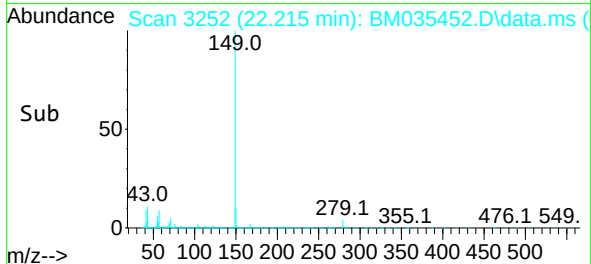
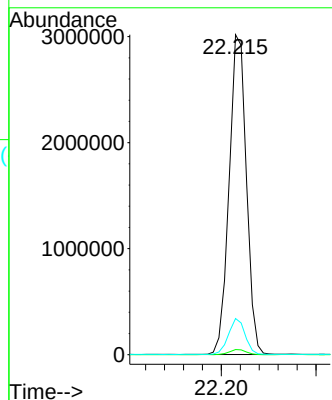
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



Tgt Ion:149 Resp: 381811  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.9 8.6 12.8

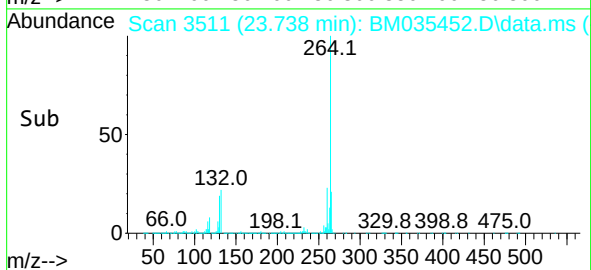
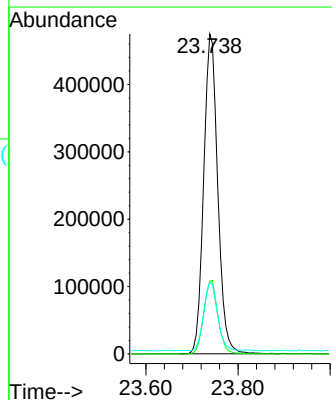
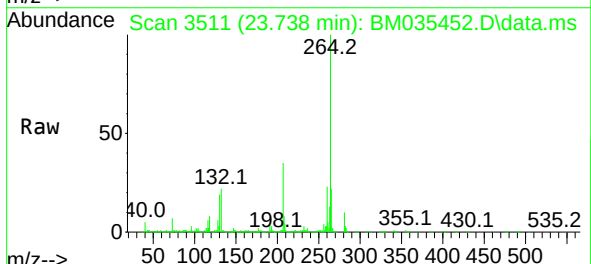
Manual Integrations  
APPROVED

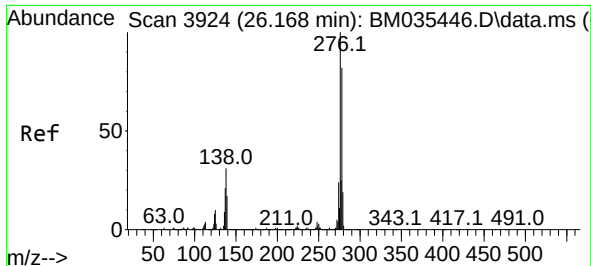
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.738 min Scan# 3511  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Tgt Ion:264 Resp: 1010535  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.9 28.3  
265 22.4 17.5 26.3





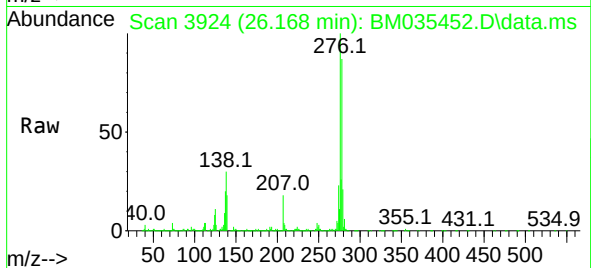
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.462 ng  
RT: 26.168 min Scan# 3924  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS



Tgt Ion:276 Resp: 289447  
Ion Ratio Lower Upper  
276 100  
138 30.6 20.2 30.4  
277 25.3 20.2 30.2

Manual Integrations

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Reviewed By :Christian

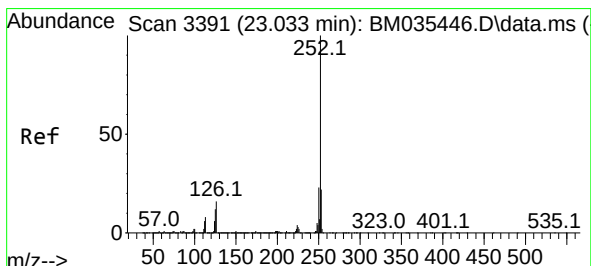
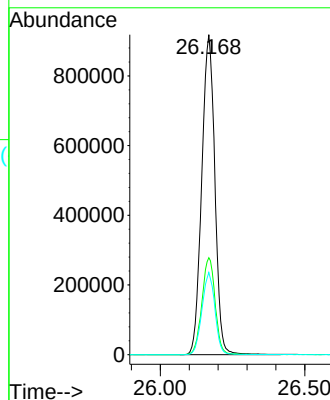
Giraldo

06/13/2022

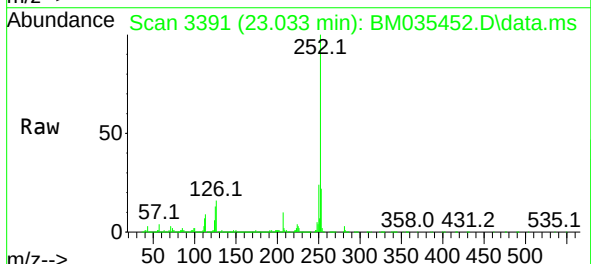
Supervised By :Jagrut

Upadhyay

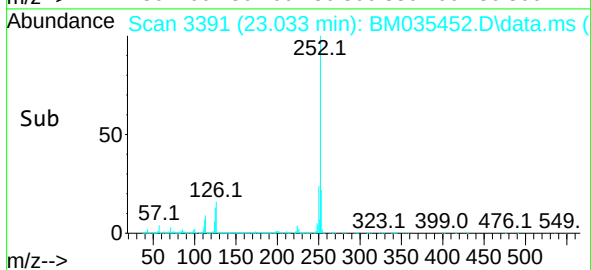
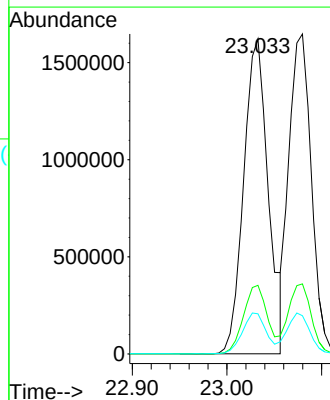
06/13/2022

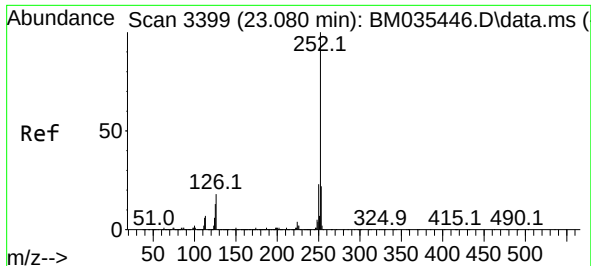


#88  
Benzo(b)fluoranthene  
Concen: 49.301 ng  
RT: 23.033 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



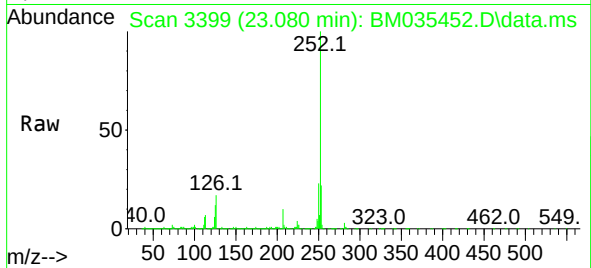
Tgt Ion:252 Resp: 2934545  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 12.7 7.6 11.4





#89  
Benzo(k)fluoranthene  
Concen: 44.865 ng  
RT: 23.080 min Scan# 3399  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55

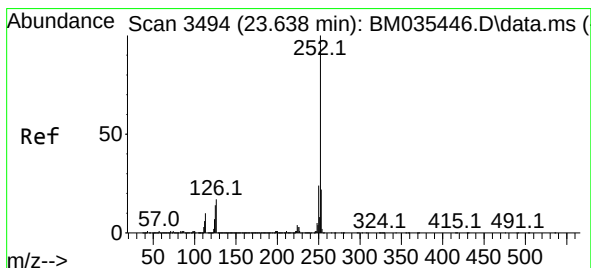
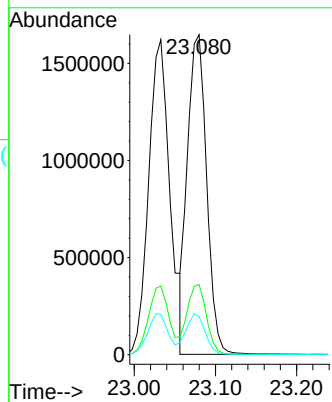
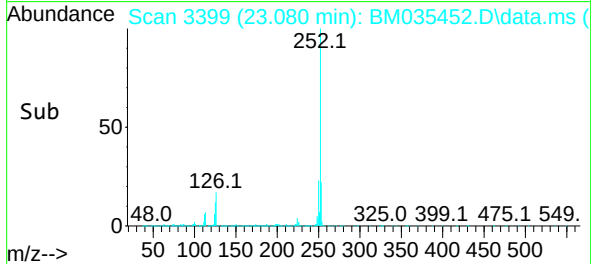
Instrument :  
BNA\_M  
ClientSampleId :  
PB145400BS



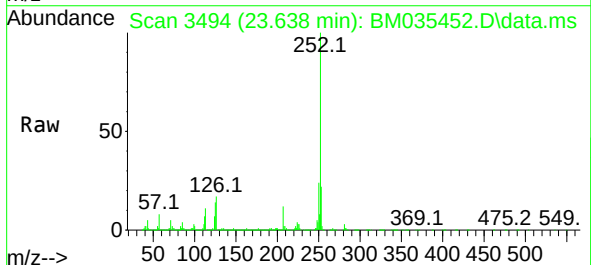
Tgt Ion:252 Resp: 270356  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 11.9 7.6 11.4

Manual Integrations  
APPROVED

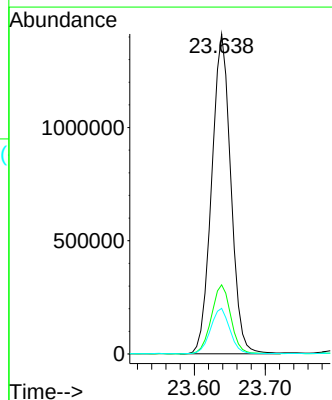
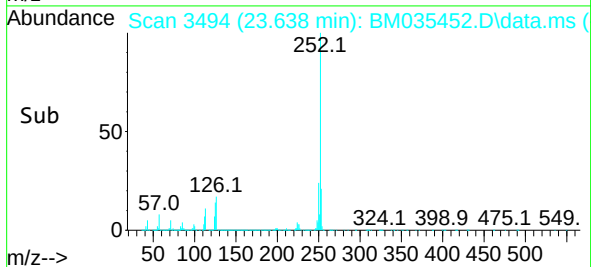
Reviewed By :Christian  
Giraldo  
06/13/2022  
Supervised By :Jagrut  
Upadhyay  
06/13/2022



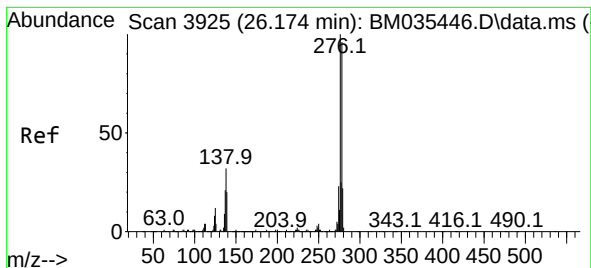
#90  
Benzo(a)pyrene  
Concen: 52.519 ng  
RT: 23.638 min Scan# 3494  
Delta R.T. 0.000 min  
Lab File: BM035452.D  
Acq: 10 Jun 2022 16:55



Tgt Ion:252 Resp: 2637432  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.2 25.8  
125 14.2 8.7 13.1







#91

Dibenzo(a,h)anthracene

Concen: 43.957 ng

RT: 26.180 min Scan# 3925

Delta R.T. 0.006 min

Lab File: BM035452.D

Acq: 10 Jun 2022 16:55

Instrument :

BNA\_M

ClientSampleId :

PB145400BS

Tgt Ion:278 Resp: 2538584

Ion Ratio Lower Upper

278 100

139 19.7 12.9 19.3

279 23.9 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian

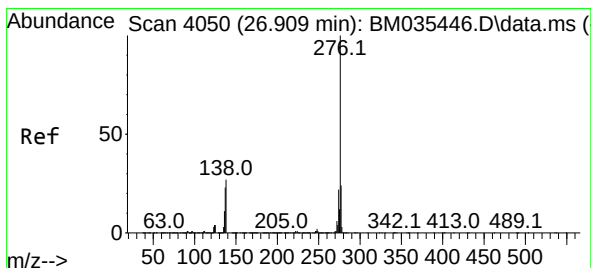
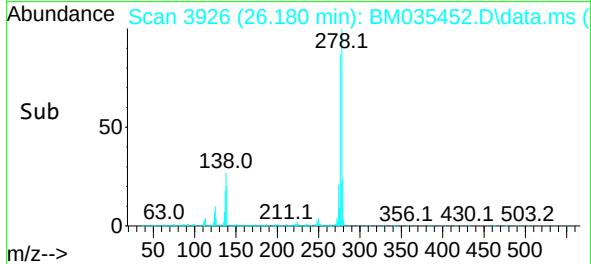
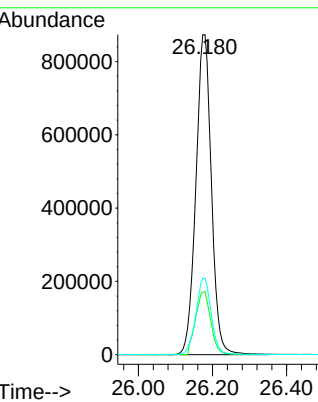
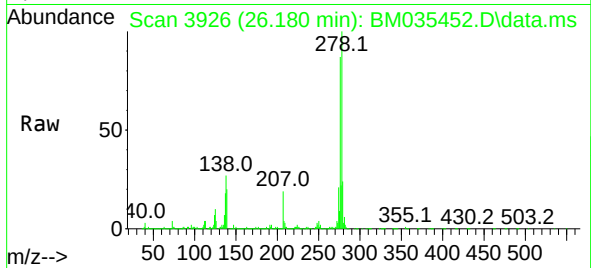
Giraldo

06/13/2022

Supervised By :Jagrut

Upadhyay

06/13/2022



#92

Benzo(g,h,i)perylene

Concen: 44.670 ng

RT: 26.909 min Scan# 4050

Delta R.T. 0.000 min

Lab File: BM035452.D

Acq: 10 Jun 2022 16:55

Tgt Ion:276 Resp: 2566131

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 26.0 17.6 26.4

