

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071522\  
 Data File : BM035828.D  
 Acq On : 15 Jul 2022 13:10  
 Operator : CG/JU  
 Sample : PB146188BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

BNA\_M

## ClientSampleId :

PB146188BS

## Manual Integrations

## APPROVED

Reviewed By : Christian Giraldo 07/18/2022  
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 23:46:24 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM071322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 14 01:21:21 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 293973   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.710 | 136  | 1140291  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.539 | 164  | 591884   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.274 | 188  | 1067535  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.456 | 240  | 960641   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.838 | 264  | 1017711  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 2361374  | 130.472 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.069  | 99   | 2788793  | 123.187 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.069  | 82   | 1658904  | 83.168  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.021 | 330  | 835885   | 139.068 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.168 | 172  | 3467241  | 81.696  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.903 | 244  | 4408782  | 89.089  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 260027   | 34.061  | ng    | # 93     |
| 3) Pyridine                   | 3.722  | 79   | 726521   | 36.668  | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.640  | 42   | 367788   | 42.173  | ng    | # 68     |
| 6) Aniline                    | 7.222  | 93   | 1084895  | 42.884  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.463  | 128  | 855686   | 45.409  | ng    | 95       |
| 9) Benzaldehyde               | 7.034  | 77   | 455610   | 36.873  | ng    | 94       |
| 10) Phenol                    | 7.092  | 94   | 1037622  | 45.518  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.328  | 93   | 840520   | 44.722  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.786  | 146  | 941961   | 43.604  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.934  | 146  | 960823   | 43.666  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.251  | 146  | 917320   | 43.201  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.145  | 79   | 655541m  | 45.029  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.439  | 45   | 1113448  | 45.894  | ng    | 97       |
| 17) 2-Methylphenol            | 8.345  | 107  | 664306   | 45.203  | ng    | 95       |
| 18) Hexachloroethane          | 8.981  | 117  | 358963   | 46.360  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.716  | 70   | 594415   | 45.721  | ng    | # 88     |
| 20) 3+4-Methylphenols         | 8.675  | 107  | 871255   | 44.294  | ng    | 96       |
| 22) Acetophenone              | 8.728  | 105  | 1210873  | 43.989  | ng    | # 93     |
| 24) Nitrobenzene              | 9.110  | 77   | 875735   | 46.593  | ng    | 96       |
| 25) Isophorone                | 9.633  | 82   | 1587984  | 50.264  | ng    | # 99     |
| 26) 2-Nitrophenol             | 9.822  | 139  | 400795   | 49.588  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.886  | 122  | 706754   | 52.140  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93   | 990085   | 44.449  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 688445   | 46.392  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 769375   | 41.952  | ng    | 97       |
| 31) Naphthalene               | 10.757 | 128  | 2502374  | 43.453  | ng    | 99       |
| 32) Benzoic acid              | 10.004 | 122  | 434000   | 47.574  | ng    | 93       |
| 33) 4-Chloroaniline           | 10.869 | 127  | 620254   | 27.241  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.045 | 225  | 455416   | 43.057  | ng    | 98       |
| 35) Caprolactam               | 11.645 | 113  | 201436   | 44.870  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.992 | 107  | 685424   | 45.676  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.369 | 142  | 1631473  | 43.072  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.586 | 142  | 1548266  | 41.960  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.733 | 216  | 778292   | 45.423  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.716 | 237  | 1146460  | 128.289 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.974 | 196  | 498479   | 49.932  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071522\  
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 Sample : PB146188BS  
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## Instrument :

BNA\_M

## ClientSampleId :

PB146188BS

## Manual Integrations

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Reviewed By : Christian Giraldo 07/18/2022  
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 23:46:24 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM071322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

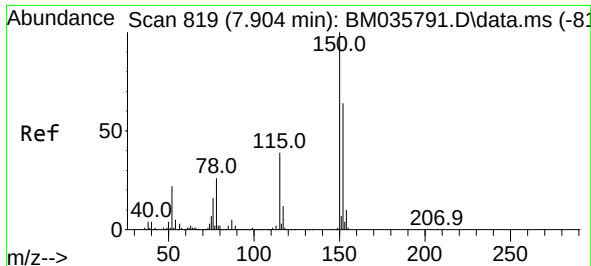
QLast Update : Thu Jul 14 01:21:21 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.045 | 196  | 528649   | 49.365  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.380 | 154  | 2018968  | 44.912  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.416 | 162  | 1569513  | 45.603  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.621 | 65   | 423394   | 47.065  | ng    | 94       |
| 49) Acenaphthylene            | 14.263 | 152  | 2434291  | 46.793  | ng    | 100      |
| 50) Dimethylphthalate         | 14.004 | 163  | 1720049  | 45.089  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.115 | 165  | 380749   | 45.943  | ng    | 94       |
| 52) Acenaphthene              | 14.604 | 154  | 1421785  | 44.779  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.445 | 138  | 299195   | 31.167  | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.645 | 184  | 367279   | 102.658 | ng    | 91       |
| 55) Dibenzofuran              | 14.939 | 168  | 2200631  | 42.860  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.751 | 139  | 716037   | 91.682  | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 506813   | 46.319  | ng    | 98       |
| 58) Fluorene                  | 15.580 | 166  | 1780213  | 43.700  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 420155   | 47.589  | ng    | 97       |
| 60) Diethylphthalate          | 15.362 | 149  | 1728044  | 46.042  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.580 | 204  | 858462   | 42.445  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.604 | 138  | 421535   | 41.146  | ng    | 90       |
| 63) Azobenzene                | 15.874 | 77   | 1715765  | 44.112  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 198  | 215182   | 47.901  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.792 | 169  | 1475041  | 48.320  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.474 | 248  | 504037   | 47.675  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.580 | 284  | 585680   | 46.904  | ng    | 92       |
| 69) Atrazine                  | 16.745 | 200  | 471841   | 59.821  | ng    | 98       |
| 70) Pentachlorophenol         | 16.921 | 266  | 699462   | 108.429 | ng    | 99       |
| 71) Phenanthrene              | 17.321 | 178  | 2546146  | 45.401  | ng    | 100      |
| 72) Anthracene                | 17.409 | 178  | 2579712  | 47.816  | ng    | 99       |
| 73) Carbazole                 | 17.680 | 167  | 2385203  | 43.945  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.250 | 149  | 2752887  | 47.555  | ng    | 99       |
| 75) Fluoranthene              | 19.333 | 202  | 2783175  | 44.376  | ng    | 99       |
| 77) Benzidine                 | 19.521 | 184  | 1427216  | 106.122 | ng    | 99       |
| 78) Pyrene                    | 19.692 | 202  | 2865475  | 47.498  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.603 | 149  | 1073819  | 50.117  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.439 | 228  | 2778774  | 46.111  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.374 | 252  | 782484   | 64.047  | ng    | 99       |
| 83) Chrysene                  | 21.491 | 228  | 2617148  | 44.982  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.386 | 149  | 1608459  | 49.860  | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.309 | 149  | 2562858  | 54.513  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.321 | 276  | 3591198  | 48.457  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.115 | 252  | 2959489  | 48.147  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.162 | 252  | 2893107  | 44.999  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.732 | 252  | 2629144  | 51.120  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.344 | 278  | 3126669  | 50.857  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.085 | 276  | 3123585  | 51.493  | ng    | 98       |

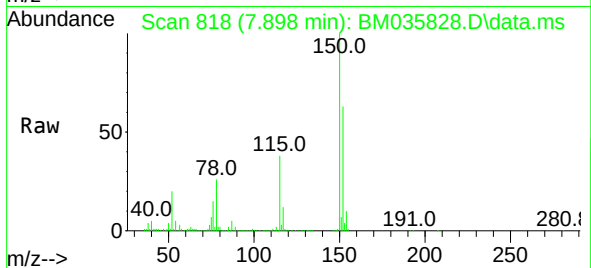
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.898 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

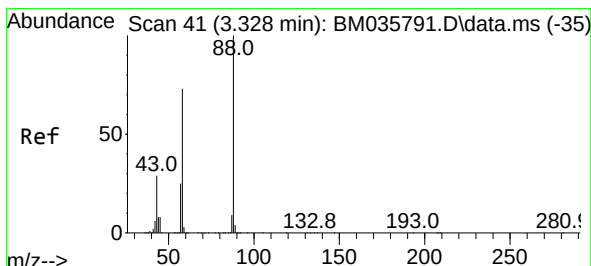
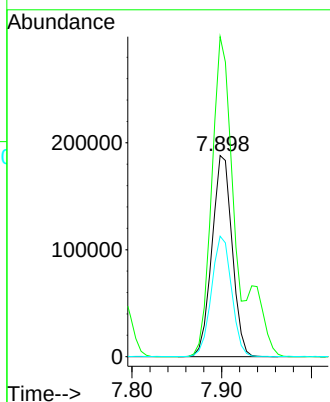
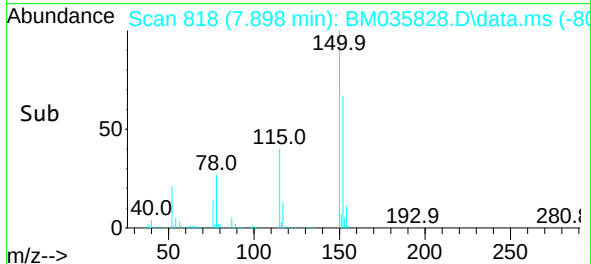
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



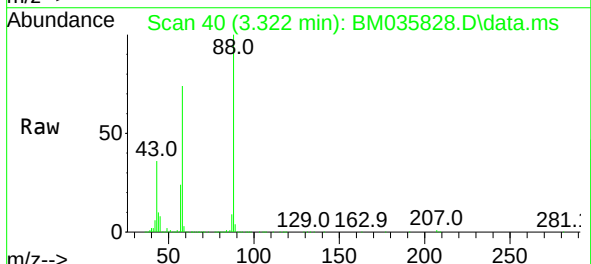
Tgt Ion:152 Resp: 29397  
Ion Ratio Lower Upper  
152 100  
150 159.1 124.9 187.3  
115 59.9 47.9 71.9

Manual Integrations  
APPROVED

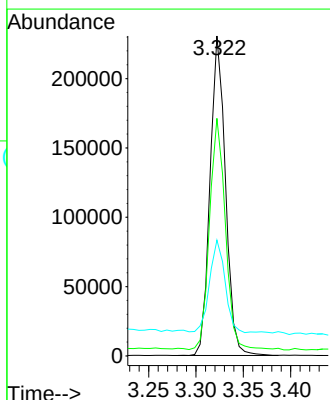
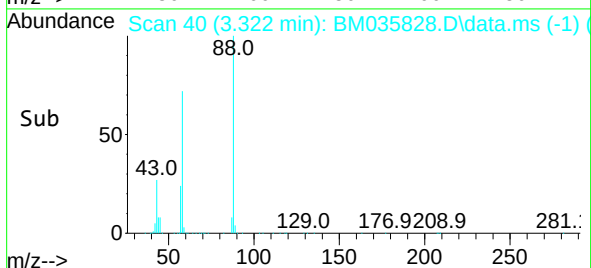
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

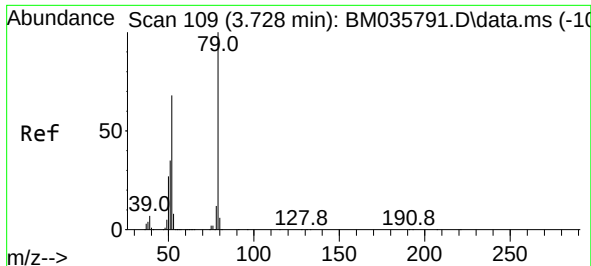


#2  
1,4-Dioxane  
Concen: 34.061 ng  
RT: 3.322 min Scan# 40  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



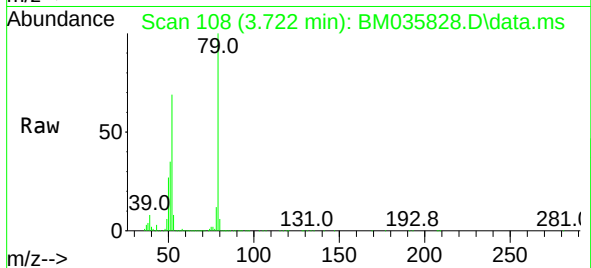
Tgt Ion: 88 Resp: 260027  
Ion Ratio Lower Upper  
88 100  
58 74.6 62.3 93.5  
43 28.5 28.7 43.1#





#3  
Pyridine  
Concen: 36.668 ng  
RT: 3.722 min Scan# 109  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

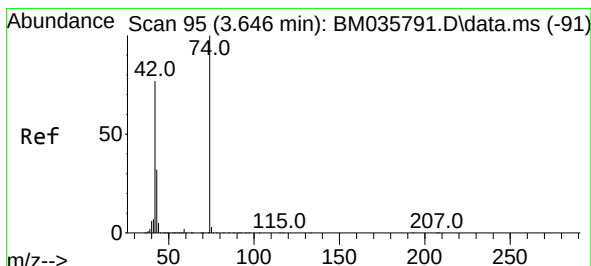
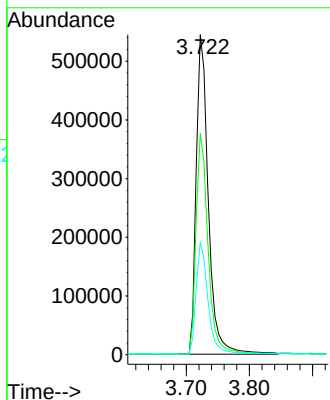
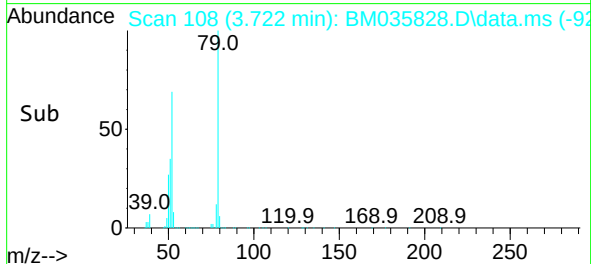
Instrument :  
BNA\_M  
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PB146188BS



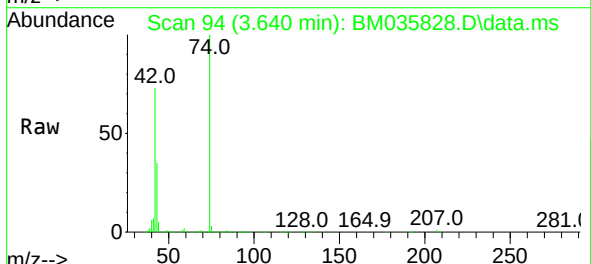
Tgt Ion: 79 Resp: 72652  
Ion Ratio Lower Upper  
79 100  
52 69.2 61.9 92.9  
51 35.1 33.5 50.3

Manual Integrations  
APPROVED

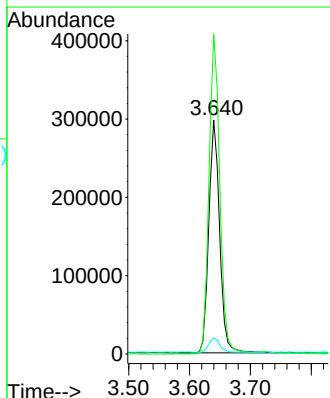
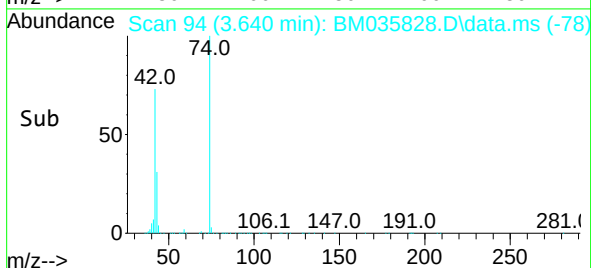
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

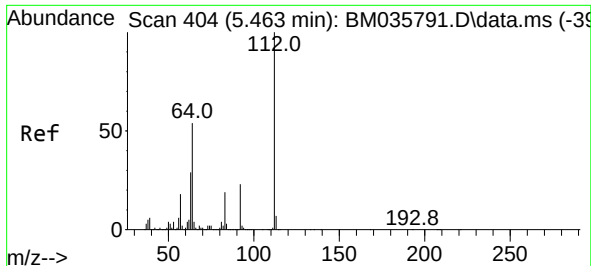


#4  
n-Nitrosodimethylamine  
Concen: 42.173 ng  
RT: 3.640 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



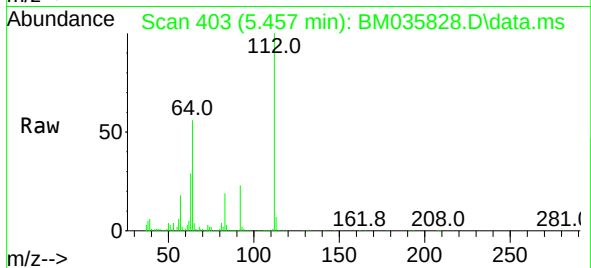
Tgt Ion: 42 Resp: 367788  
Ion Ratio Lower Upper  
42 100  
74 136.8 81.6 122.4  
44 6.9 5.2 7.8





#5  
2-Fluorophenol  
Concen: 130.472 ng  
RT: 5.457 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

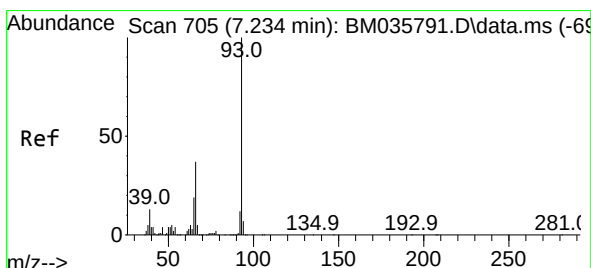
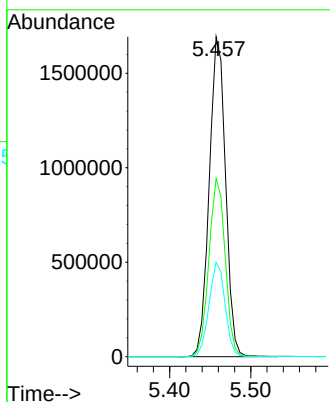
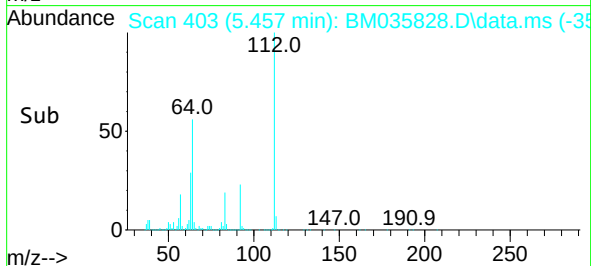
Instrument :  
BNA\_M  
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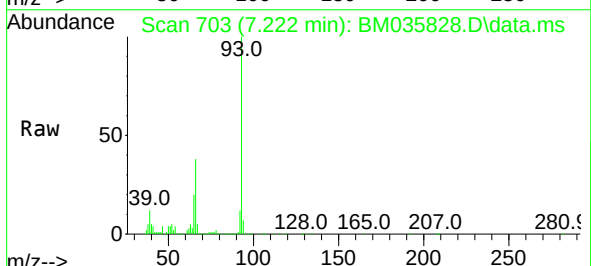
Tgt Ion:112 Resp: 2361374  
Ion Ratio Lower Upper  
112 100  
64 55.7 47.8 71.6  
63 29.4 26.6 40.0

Manual Integrations  
APPROVED

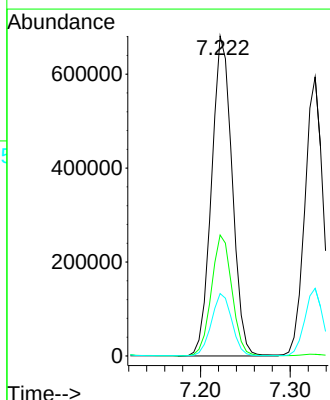
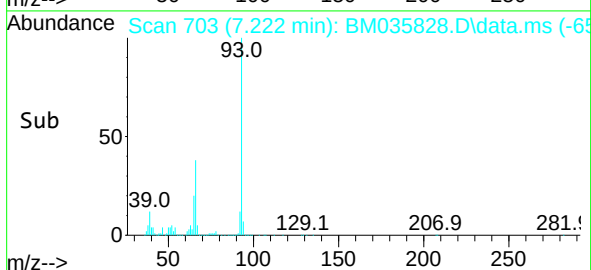
Reviewed By :Christian Giraldo 07/18/2022  
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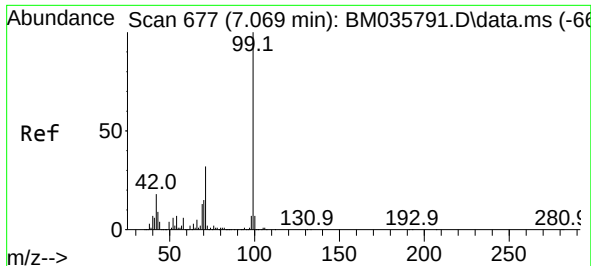


#6  
Aniline  
Concen: 42.884 ng  
RT: 7.222 min Scan# 703  
Delta R.T. -0.012 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



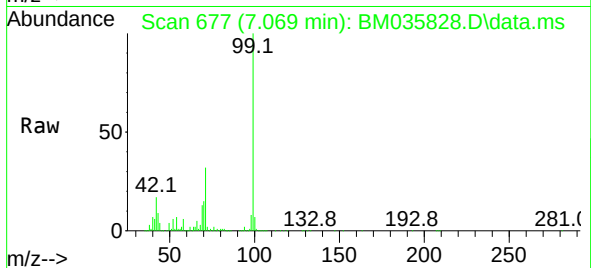
Tgt Ion: 93 Resp: 1084895  
Ion Ratio Lower Upper  
93 100  
66 37.8 32.6 49.0  
65 19.5 16.8 25.2





#7  
Phenol-d6  
Concen: 123.187 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

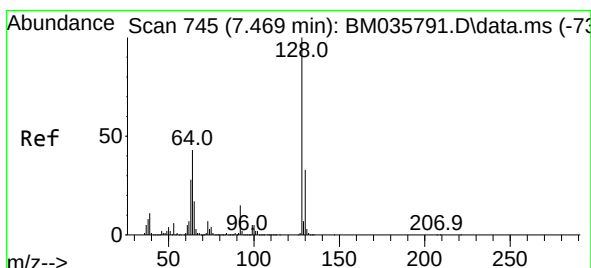
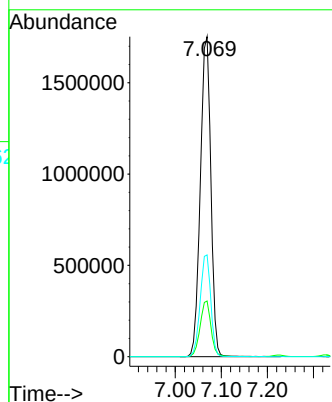
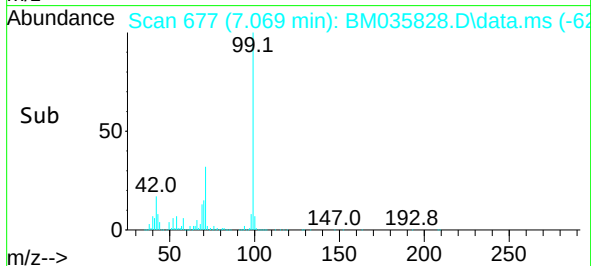
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



Tgt Ion: 99 Resp: 278879  
Ion Ratio Lower Upper  
99 100  
42 17.4 18.8 28.2  
71 31.8 30.2 45.2

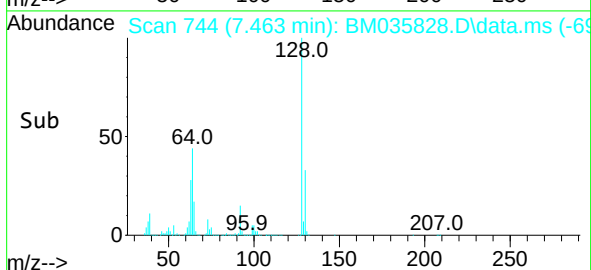
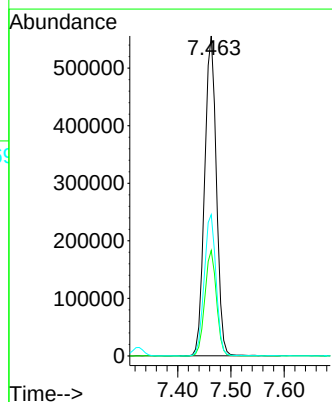
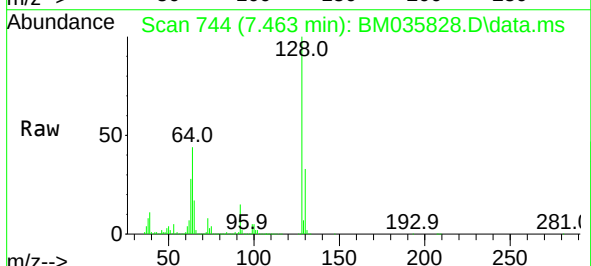
Manual Integrations  
APPROVED

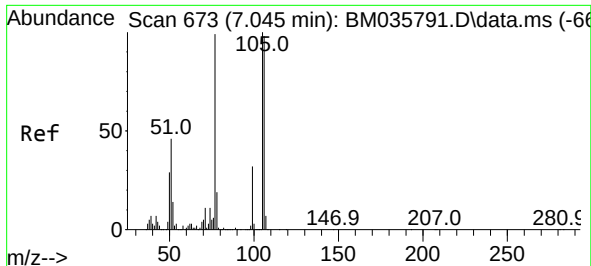
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#8  
2-Chlorophenol  
Concen: 45.409 ng  
RT: 7.463 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

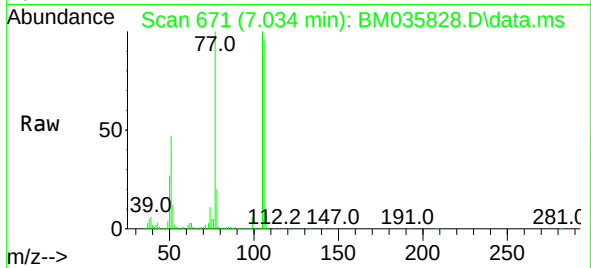
Tgt Ion:128 Resp: 855686  
Ion Ratio Lower Upper  
128 100  
130 33.0 10.9 50.9  
64 44.1 28.2 68.2





#9  
Benzaldehyde  
Concen: 36.873 ng  
RT: 7.034 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

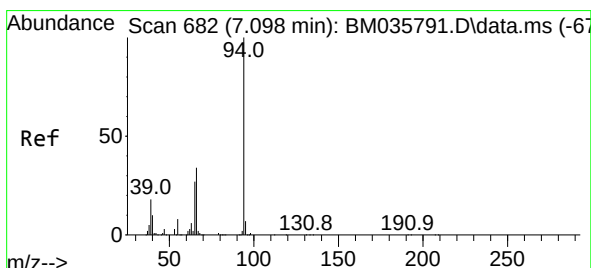
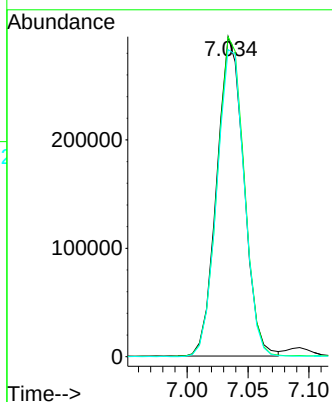
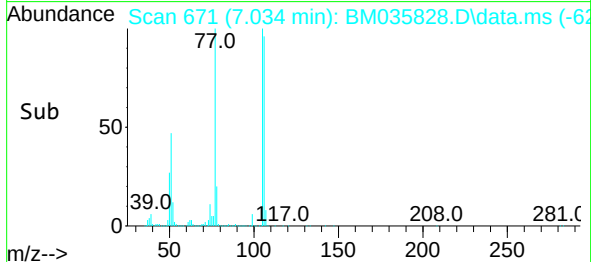
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



Tgt Ion: 77 Resp: 455610  
Ion Ratio Lower Upper  
77 100  
105 100.0 76.3 116.3  
106 95.9 69.0 109.0

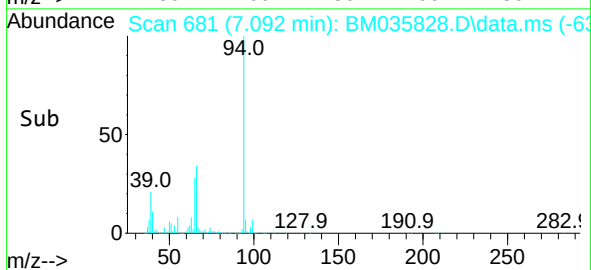
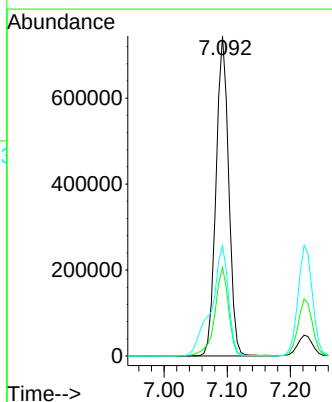
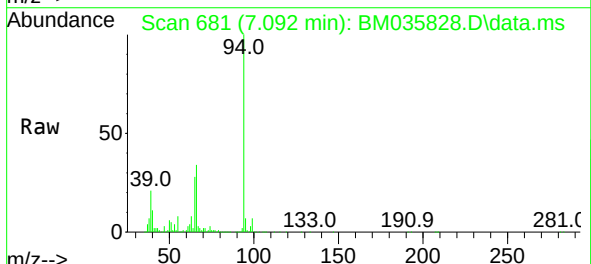
Manual Integrations  
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Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

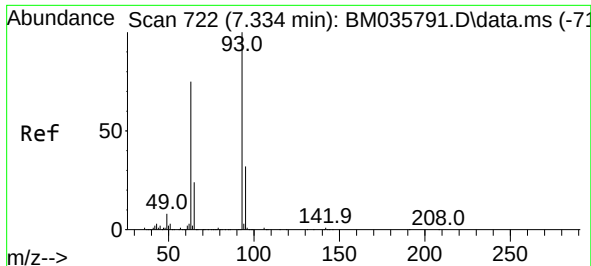


#10  
Phenol  
Concen: 45.518 ng  
RT: 7.092 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

Tgt Ion: 94 Resp: 1037622  
Ion Ratio Lower Upper  
94 100  
65 27.6 11.4 51.4  
66 34.5 21.4 61.4







#11  
bis(2-Chloroethyl)ether  
Concen: 44.722 ng  
RT: 7.328 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

Instrument :

BNA\_M

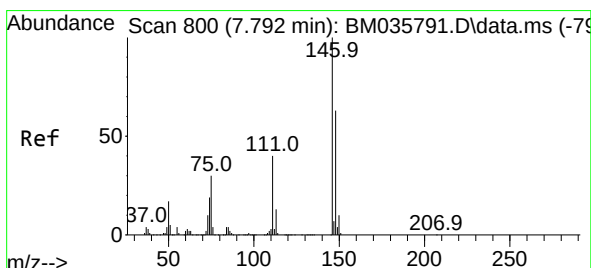
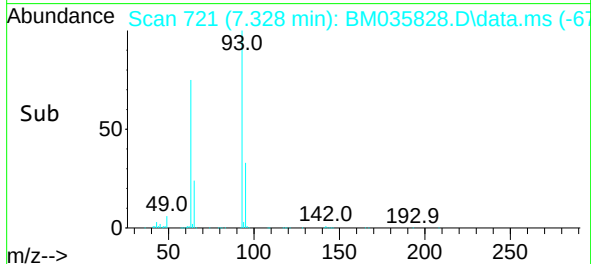
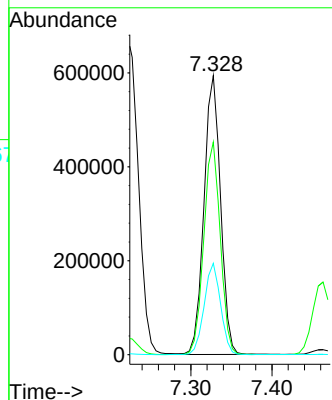
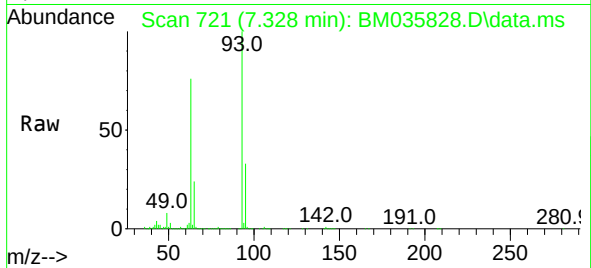
ClientSampleId :

PB146188BS

Tgt Ion: 93 Resp: 840520  
Ion Ratio Lower Upper  
93 100  
63 76.2 60.6 100.6  
95 32.8 13.2 53.2

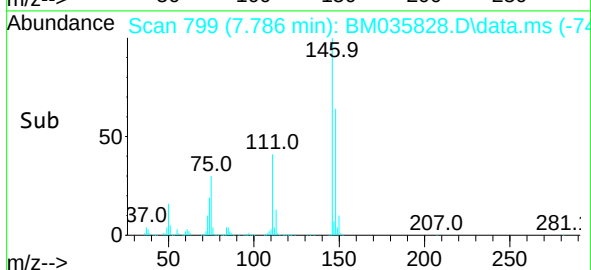
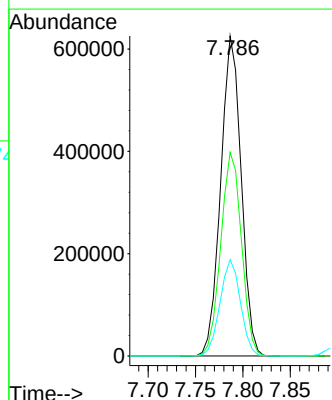
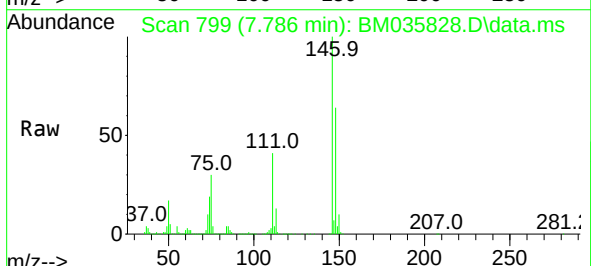
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APPROVED

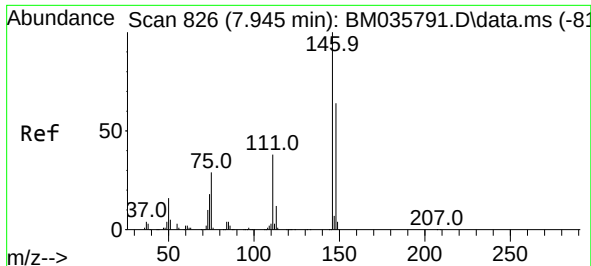
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#12  
1,3-Dichlorobenzene  
Concen: 43.604 ng  
RT: 7.786 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

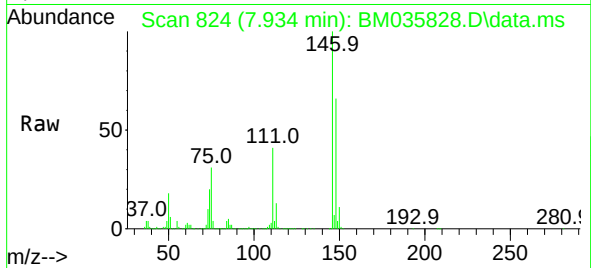
Tgt Ion:146 Resp: 941961  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.7 76.1  
75 30.1 26.1 39.1





#13  
1,4-Dichlorobenzene  
Concen: 43.666 ng  
RT: 7.934 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

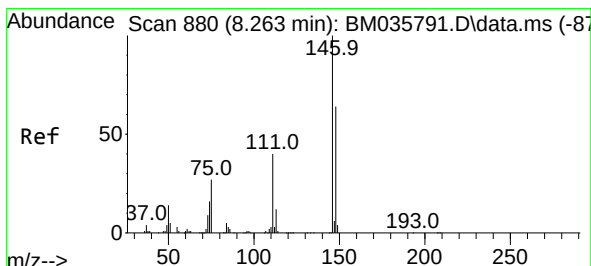
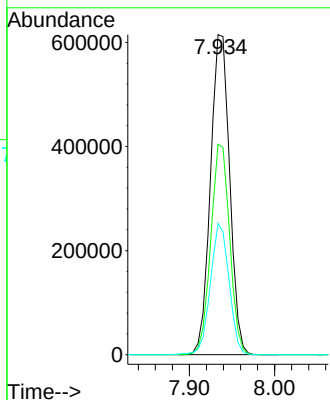
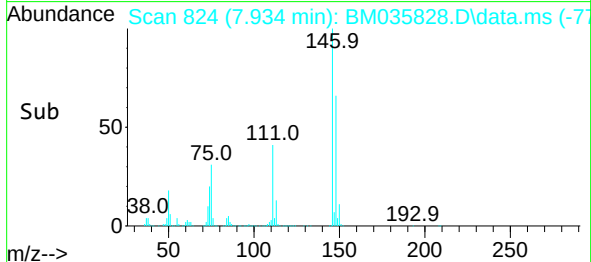
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



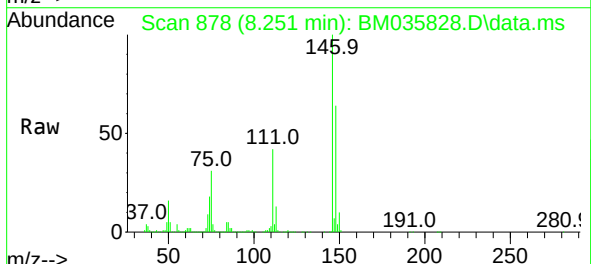
Tgt Ion:146 Resp: 96082  
Ion Ratio Lower Upper  
146 100  
148 65.8 51.5 77.3  
111 41.0 32.5 48.7

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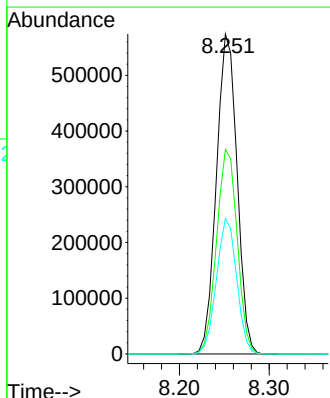
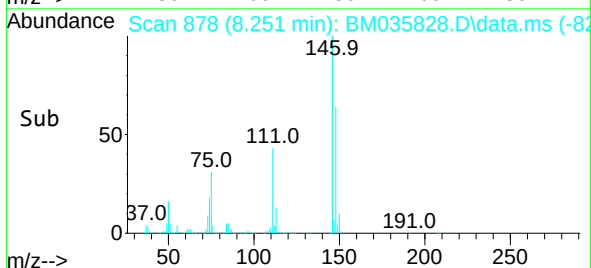
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

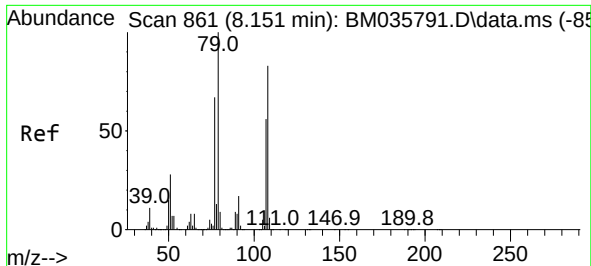


#14  
1,2-Dichlorobenzene  
Concen: 43.201 ng  
RT: 8.251 min Scan# 878  
Delta R.T. -0.012 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



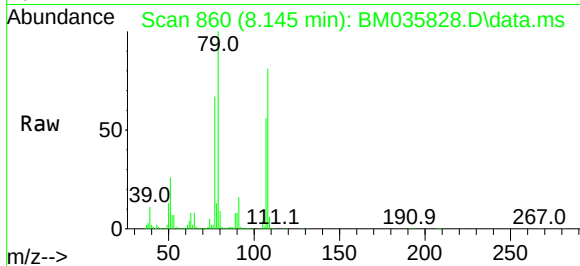
Tgt Ion:146 Resp: 917320  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.7 76.1  
111 42.3 33.9 50.9





#15  
Benzyl Alcohol  
Concen: 45.029 ng m  
RT: 8.145 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

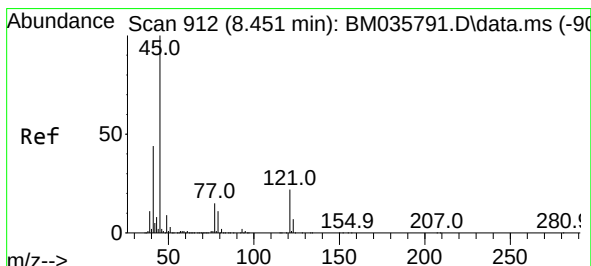
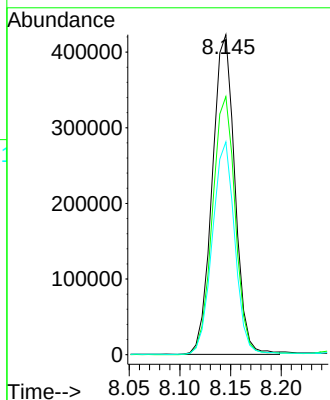
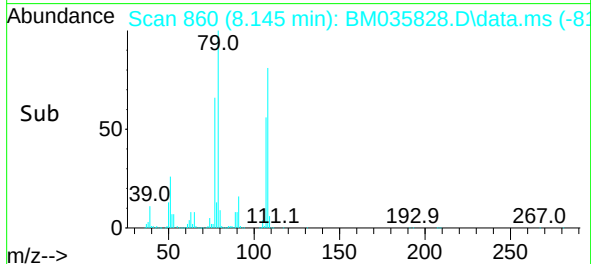
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



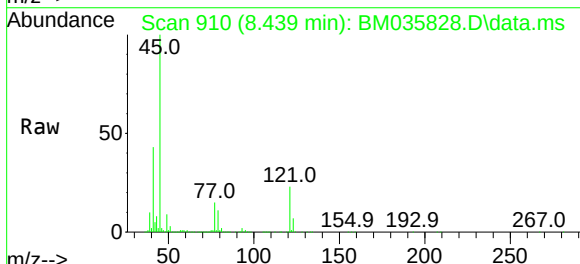
Tgt Ion: 79 Resp: 65554  
Ion Ratio Lower Upper  
79 100  
108 80.7 59.0 88.4  
77 66.5 52.2 78.4

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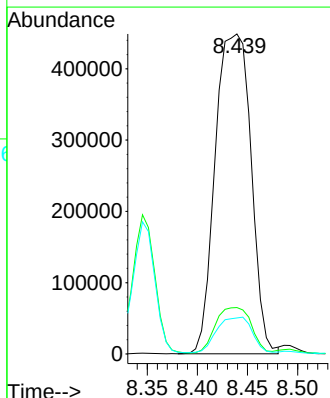
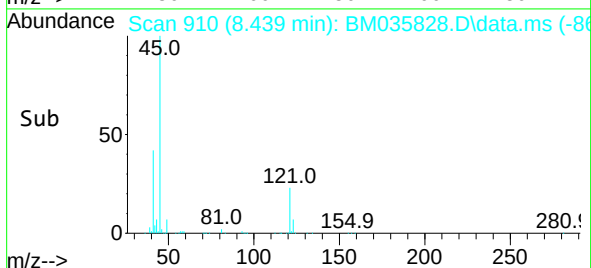
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

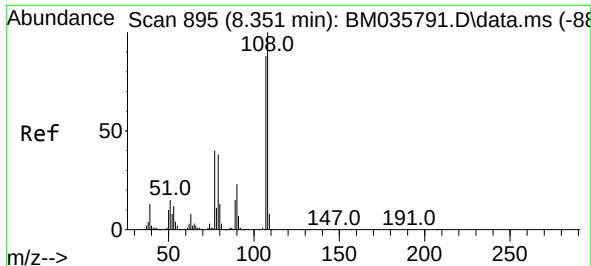


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.894 ng  
RT: 8.439 min Scan# 910  
Delta R.T. -0.012 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



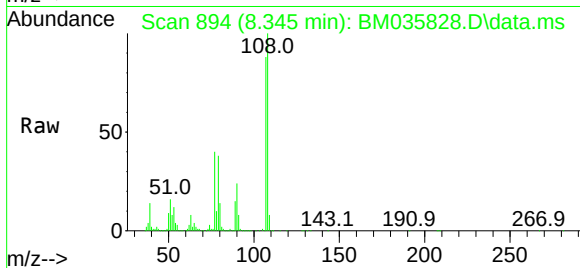
Tgt Ion: 45 Resp: 1113448  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 33.1  
79 11.2 0.0 30.5





#17  
2-Methylphenol  
Concen: 45.203 ng  
RT: 8.345 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

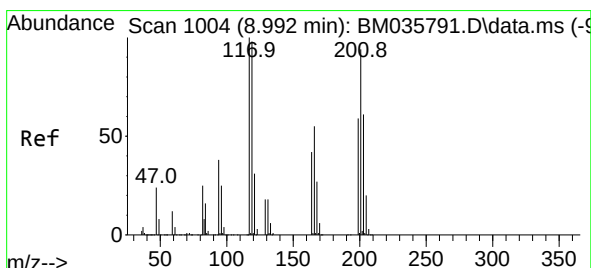
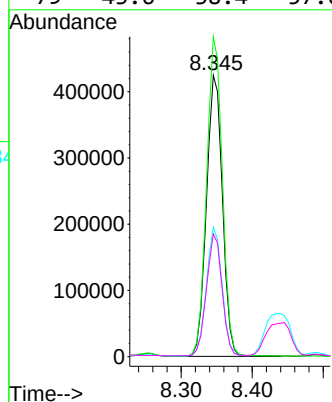
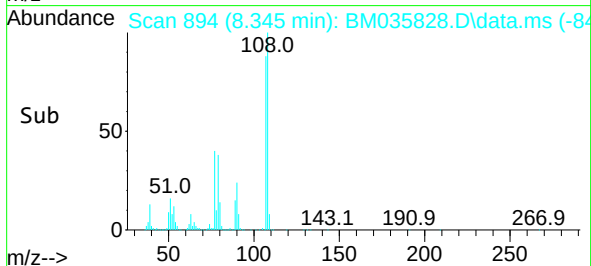
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



Tgt Ion:107 Resp: 664300  
Ion Ratio Lower Upper  
107 100  
108 113.7 88.7 133.1  
77 46.0 40.6 60.8  
79 43.6 38.4 57.6

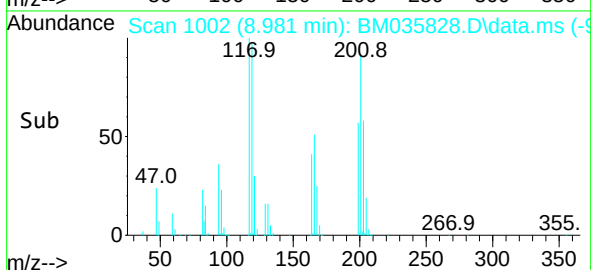
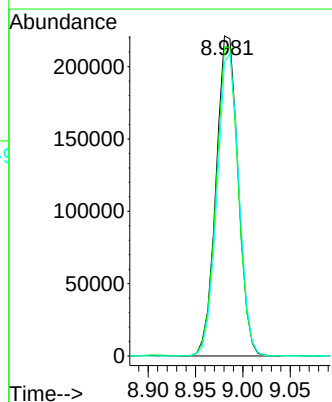
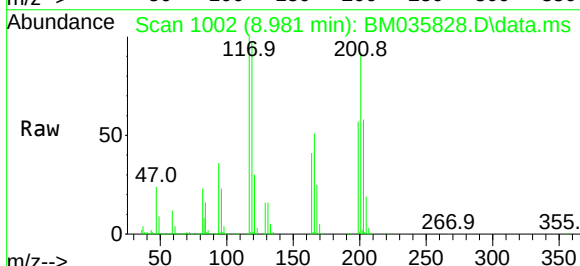
Manual Integrations  
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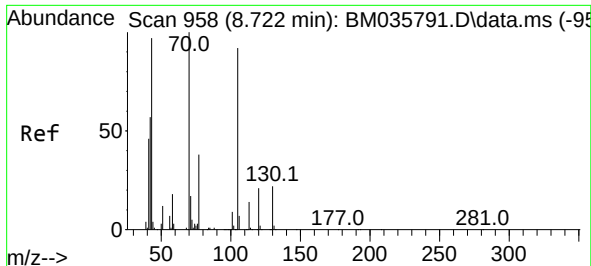
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#18  
Hexachloroethane  
Concen: 46.360 ng  
RT: 8.981 min Scan# 1002  
Delta R.T. -0.012 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

Tgt Ion:117 Resp: 358963  
Ion Ratio Lower Upper  
117 100  
119 96.6 75.8 113.6  
201 91.8 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 45.721 ng

RT: 8.716 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM035828.D

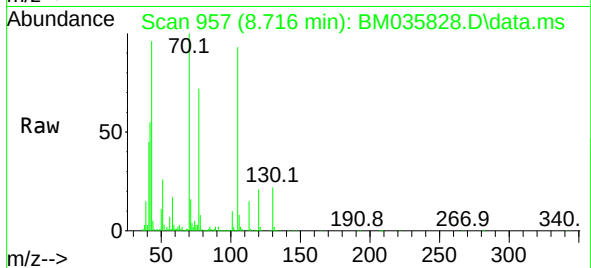
Acq: 15 Jul 2022 13:10

Instrument :

BNA\_M

ClientSampleId :

PB146188BS



Tgt Ion: 70 Resp: 59441

Ion Ratio Lower Upper

70 100

42 55.1 55.4 83.2

101 9.7 7.8 11.6

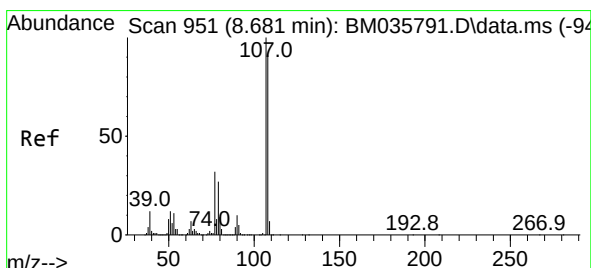
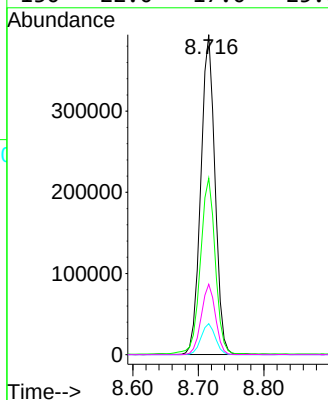
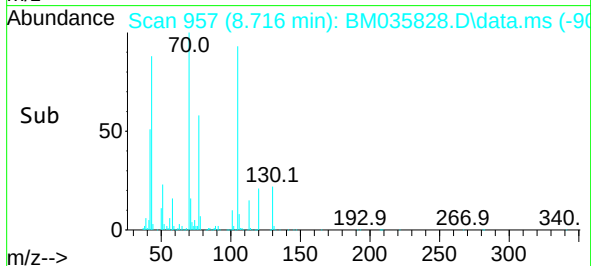
130 22.0 17.0 25.6

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#20

3+4-Methylphenols

Concen: 44.294 ng

RT: 8.675 min Scan# 950

Delta R.T. -0.006 min

Lab File: BM035828.D

Acq: 15 Jul 2022 13:10

Tgt Ion:107 Resp: 871255

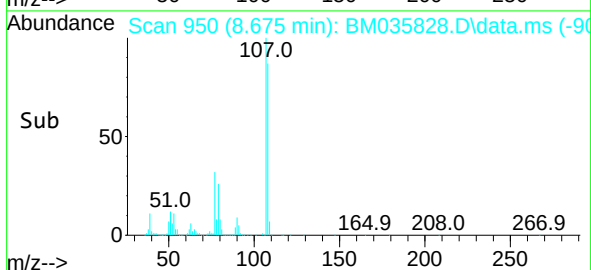
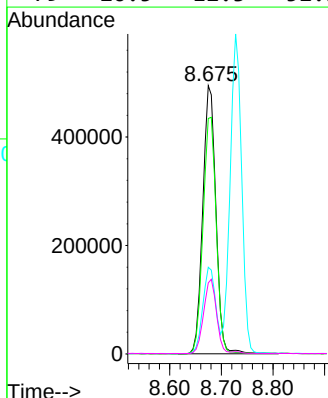
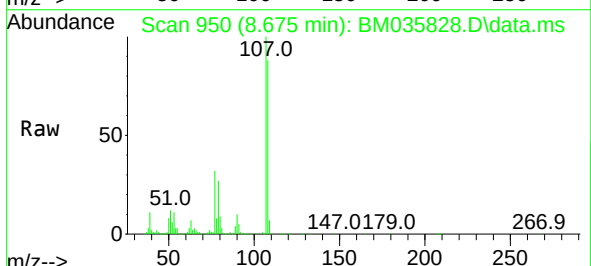
Ion Ratio Lower Upper

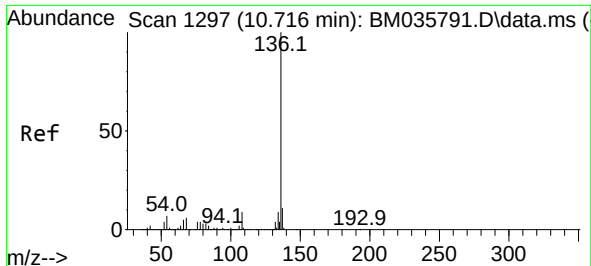
107 100

108 87.8 69.3 109.3

77 32.3 15.8 55.8

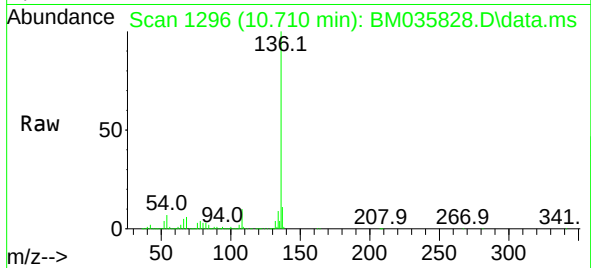
79 26.5 12.3 52.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.710 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

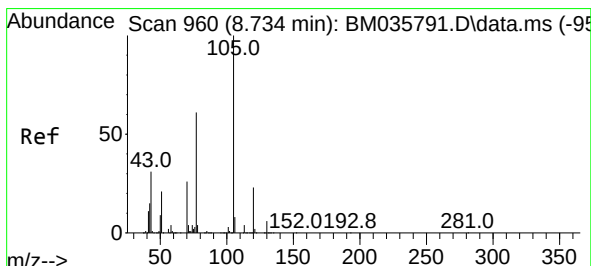
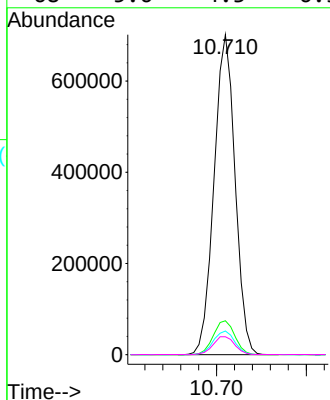
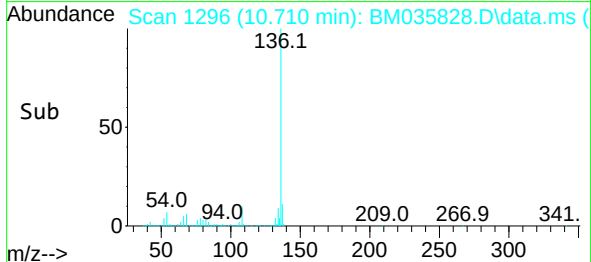
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



Tgt Ion:136 Resp: 114029  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.9 13.3  
54 7.4 7.0 10.4  
68 5.6 4.3 6.5

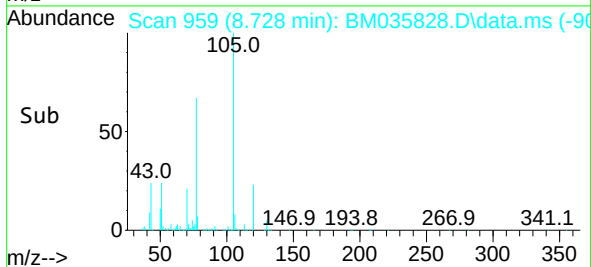
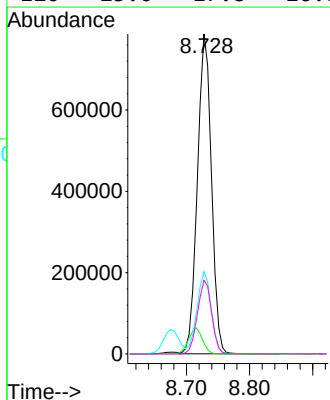
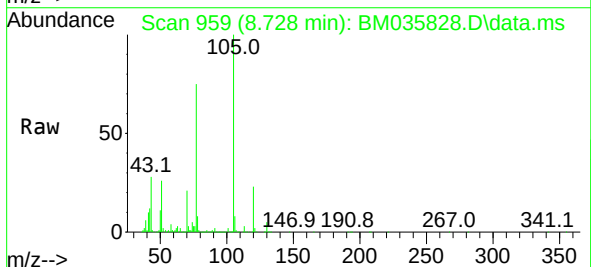
Manual Integrations  
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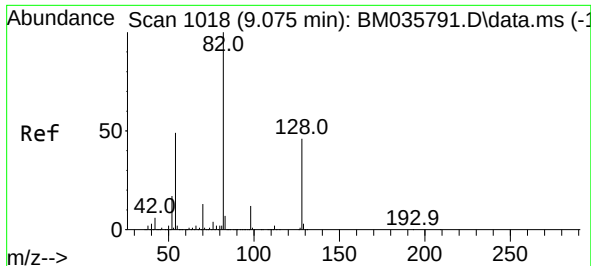
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#22  
Acetophenone  
Concen: 43.989 ng  
RT: 8.728 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

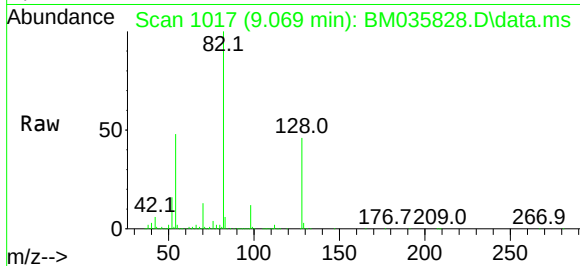
Tgt Ion:105 Resp: 1210873  
Ion Ratio Lower Upper  
105 100  
71 3.4 5.0 7.4#  
51 25.8 25.6 38.4  
120 23.0 17.8 26.8





#23  
Nitrobenzene-d5  
Concen: 83.168 ng  
RT: 9.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

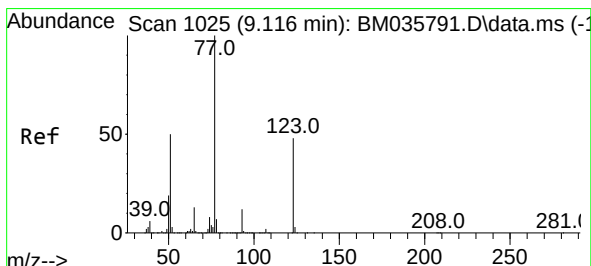
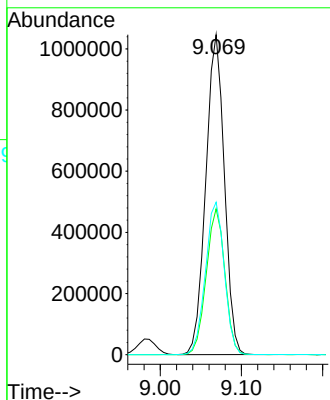
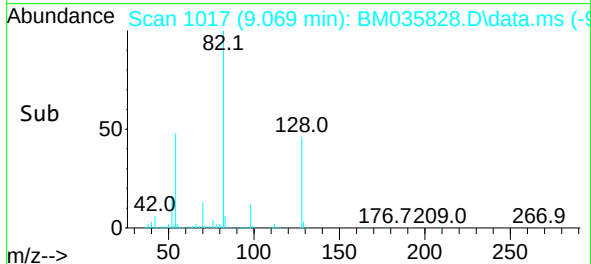
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



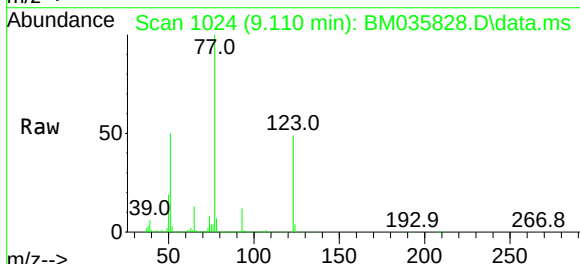
Tgt Ion: 82 Resp: 1658904  
Ion Ratio Lower Upper  
82 100  
128 45.6 33.7 50.5  
54 47.7 43.2 64.8

Manual Integrations  
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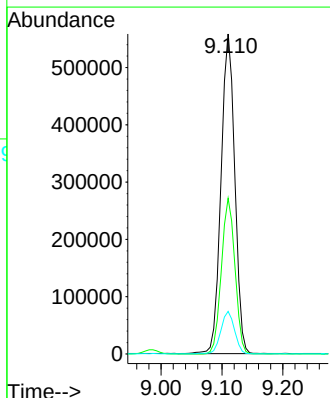
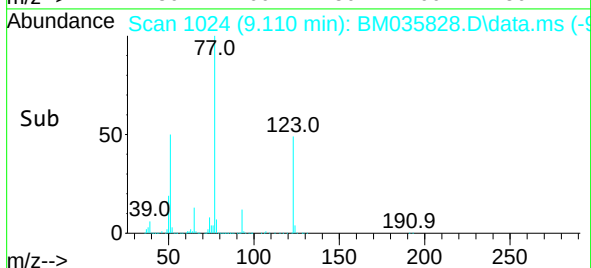
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

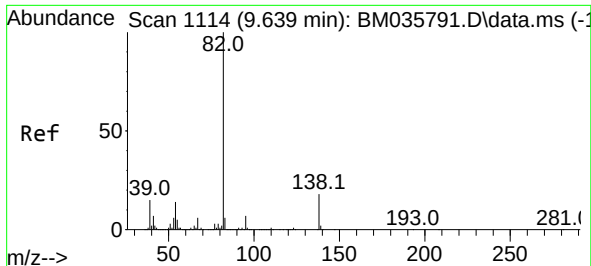


#24  
Nitrobenzene  
Concen: 46.593 ng  
RT: 9.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



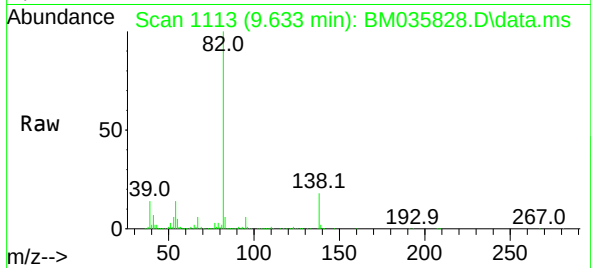
Tgt Ion: 77 Resp: 875735  
Ion Ratio Lower Upper  
77 100  
123 48.7 36.2 54.4  
65 13.3 11.4 17.0





#25  
Isophorone  
Concen: 50.264 ng  
RT: 9.633 min Scan# 1113  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

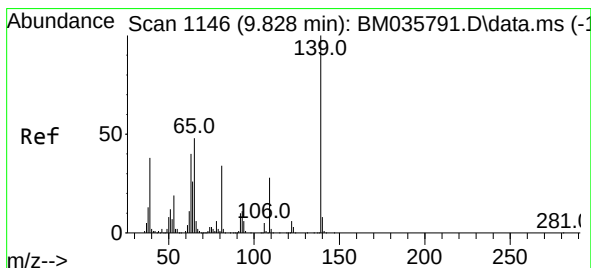
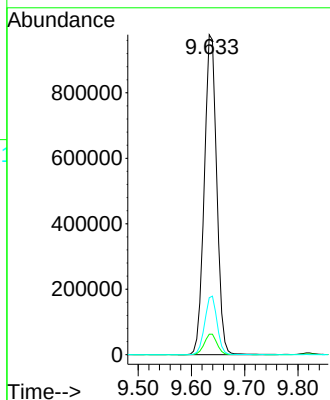
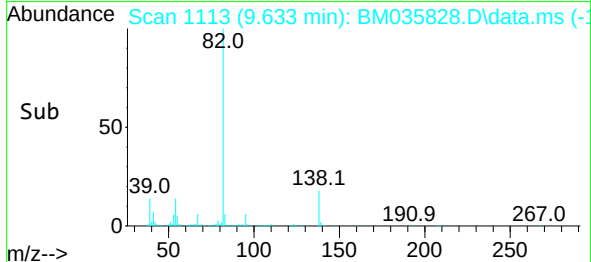
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



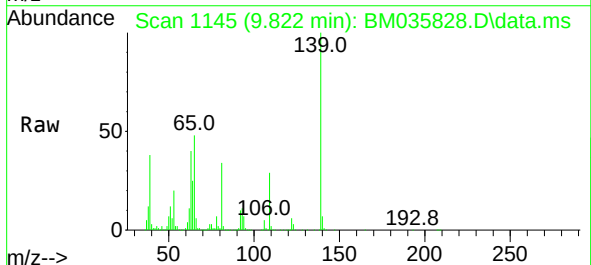
Tgt Ion: 82 Resp: 1587984  
Ion Ratio Lower Upper  
82 100  
95 6.4 6.4 9.6  
138 17.8 14.2 21.4

Manual Integrations  
APPROVED

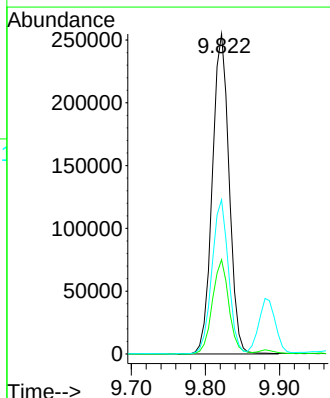
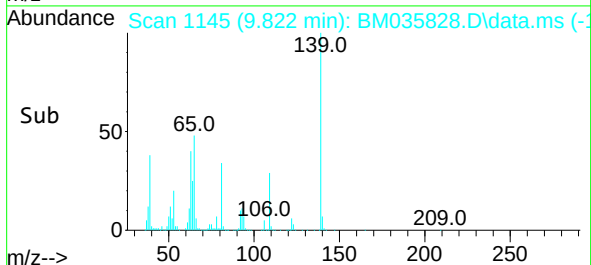
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



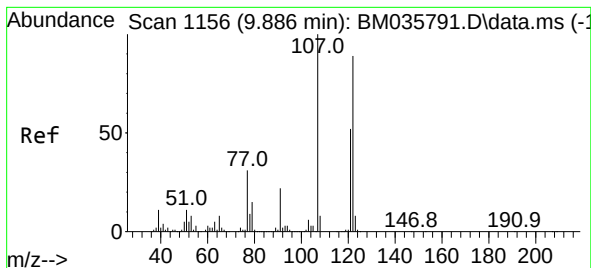
#26  
2-Nitrophenol  
Concen: 49.588 ng  
RT: 9.822 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



Tgt Ion:139 Resp: 400795  
Ion Ratio Lower Upper  
139 100  
109 29.4 25.6 38.4  
65 48.2 43.2 64.8

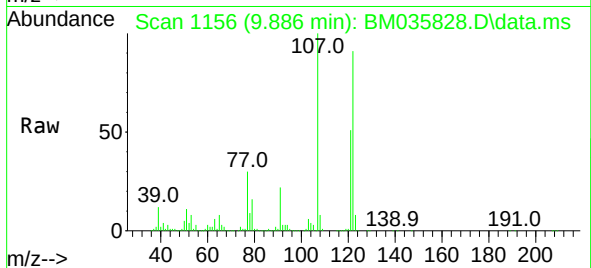






#27  
2,4-Dimethylphenol  
Concen: 52.140 ng  
RT: 9.886 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

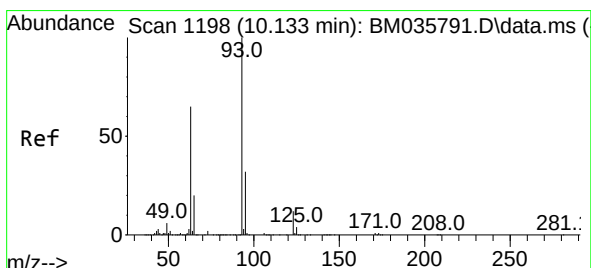
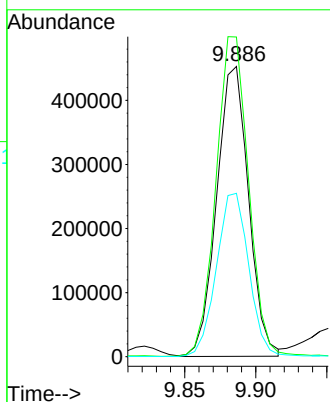
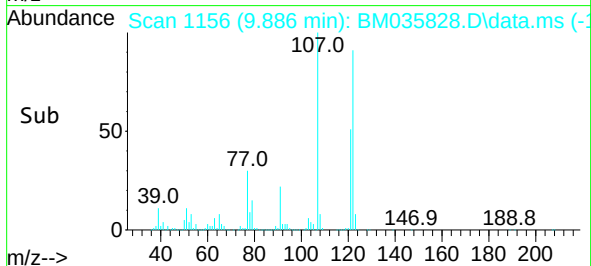
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



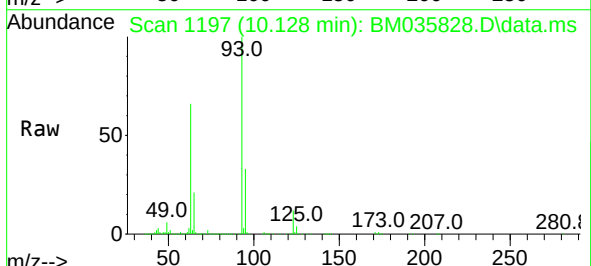
Tgt Ion:122 Resp: 706754  
Ion Ratio Lower Upper  
122 100  
107 110.1 92.4 138.6  
121 56.3 47.4 71.0

Manual Integrations  
APPROVED

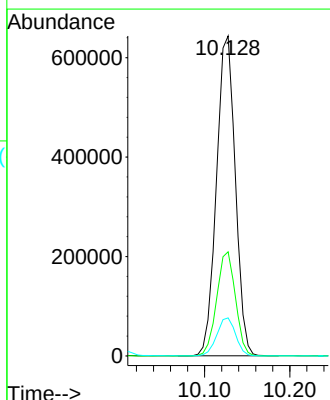
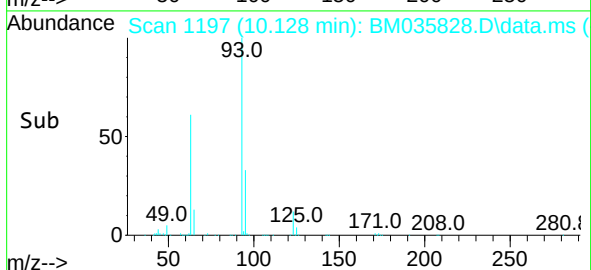
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

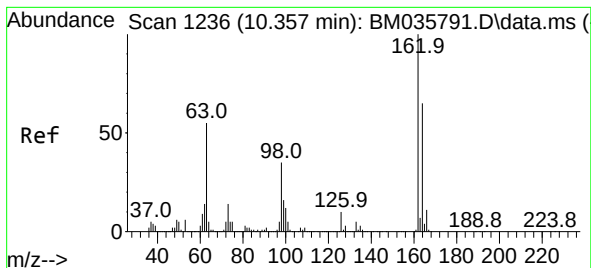


#28  
bis(2-Chloroethoxy)methane  
Concen: 44.449 ng  
RT: 10.128 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



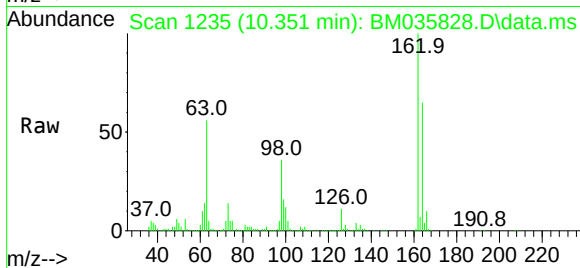
Tgt Ion: 93 Resp: 990085  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.1 39.1  
123 11.9 9.0 13.4





#29  
2,4-Dichlorophenol  
Concen: 46.392 ng  
RT: 10.351 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

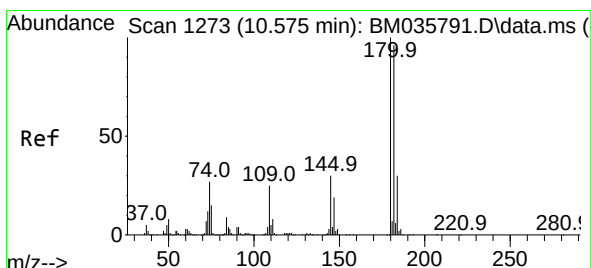
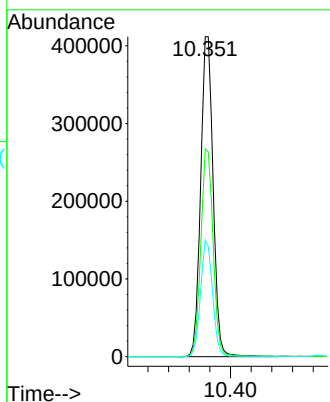
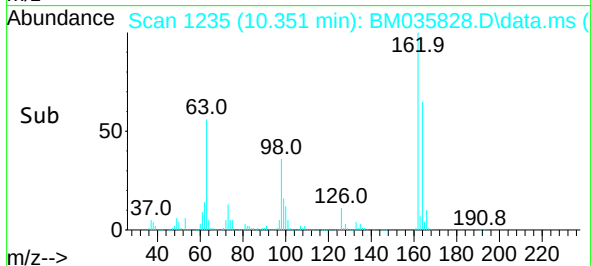
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



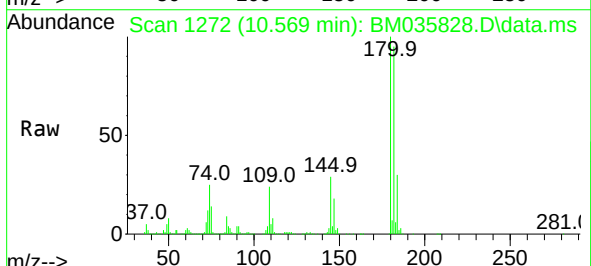
Tgt Ion:162 Resp: 68844  
Ion Ratio Lower Upper  
162 100  
164 65.0 44.2 84.2  
98 36.4 15.0 55.0

Manual Integrations  
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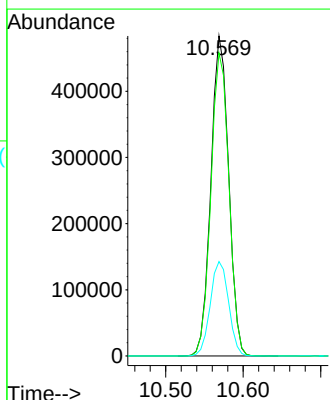
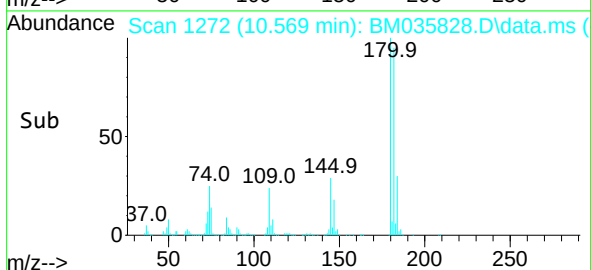
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

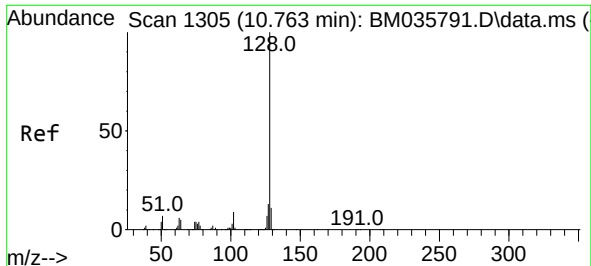


#30  
1,2,4-Trichlorobenzene  
Concen: 41.952 ng  
RT: 10.569 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



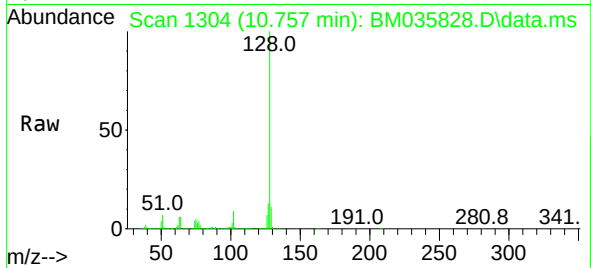
Tgt Ion:180 Resp: 769375  
Ion Ratio Lower Upper  
180 100  
182 94.7 77.9 116.9  
145 29.5 25.0 37.6





#31  
Naphthalene  
Concen: 43.453 ng  
RT: 10.757 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

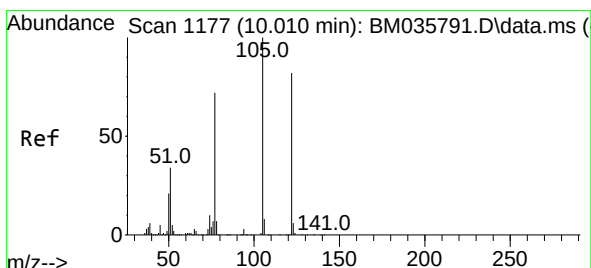
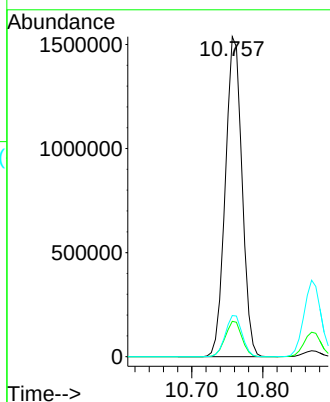
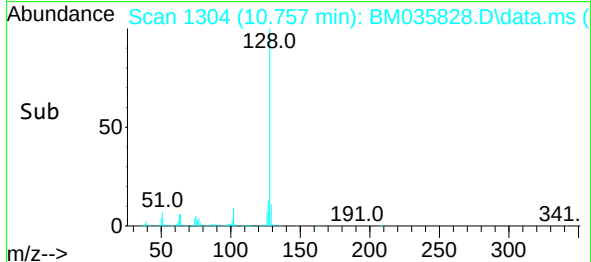
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



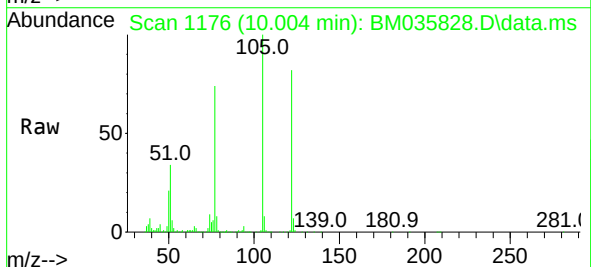
Tgt Ion:128 Resp: 2502374  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 12.8 10.6 16.0

Manual Integrations  
APPROVED

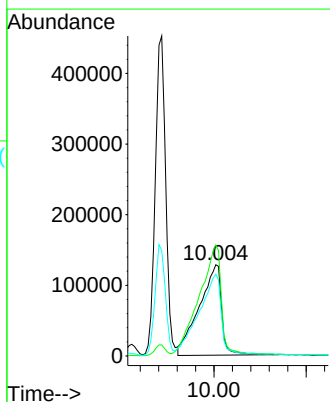
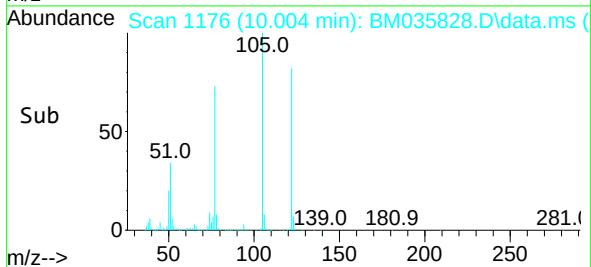
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

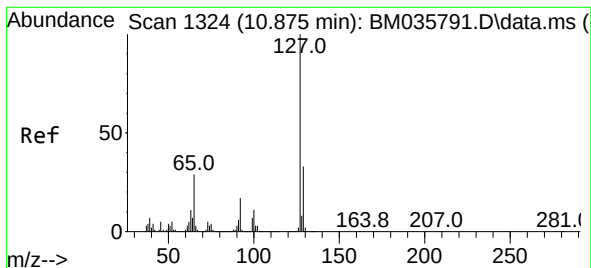


#32  
Benzoic acid  
Concen: 47.574 ng  
RT: 10.004 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



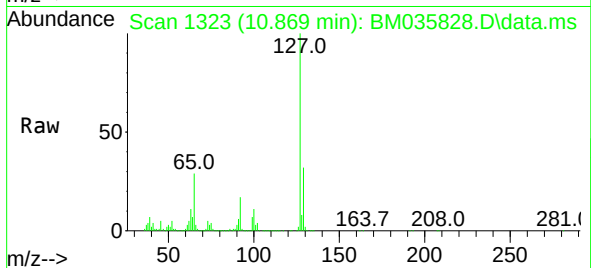
Tgt Ion:122 Resp: 434000  
Ion Ratio Lower Upper  
122 100  
105 121.7 105.7 145.7  
77 89.5 80.0 120.0





#33  
4-Chloroaniline  
Concen: 27.241 ng  
RT: 10.869 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

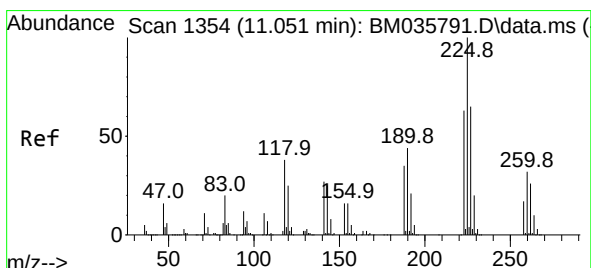
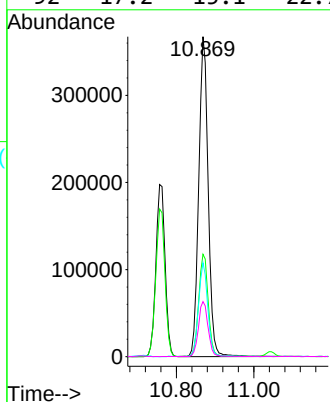
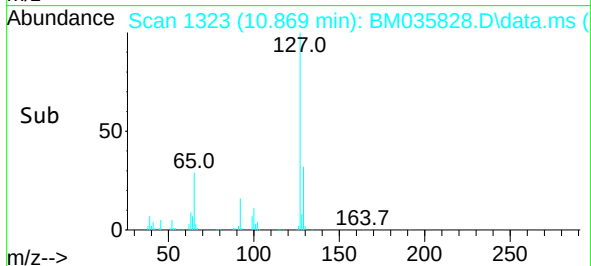
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



Tgt Ion:127 Resp: 620254  
Ion Ratio Lower Upper  
127 100  
129 32.0 25.7 38.5  
65 29.4 26.6 40.0  
92 17.2 15.1 22.7

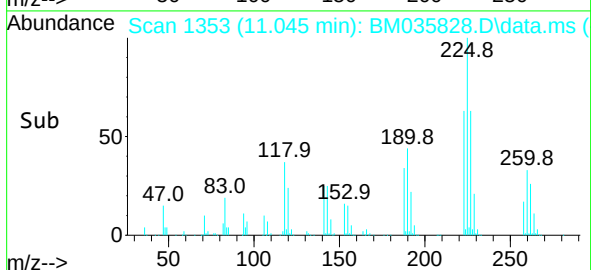
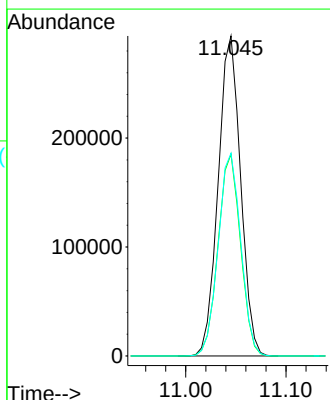
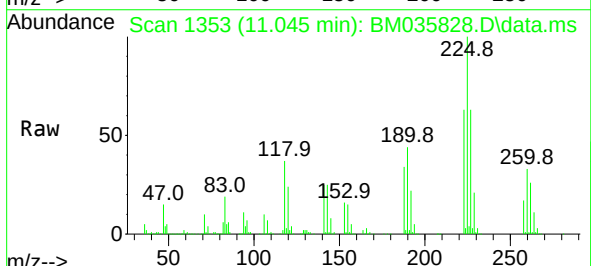
Manual Integrations  
APPROVED

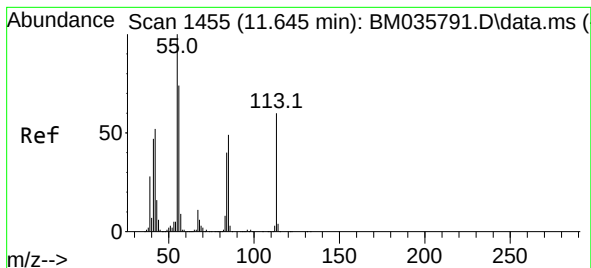
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#34  
Hexachlorobutadiene  
Concen: 43.057 ng  
RT: 11.045 min Scan# 1353  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

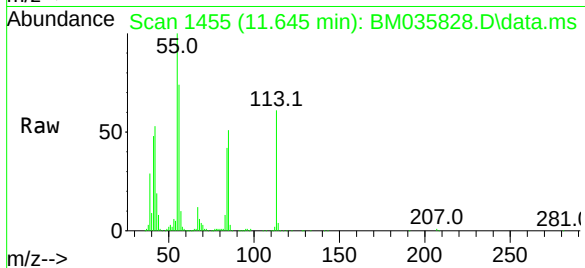
Tgt Ion:225 Resp: 455416  
Ion Ratio Lower Upper  
225 100  
223 63.1 50.8 76.2  
227 63.4 52.7 79.1





#35  
Caprolactam  
Concen: 44.870 ng  
RT: 11.645 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

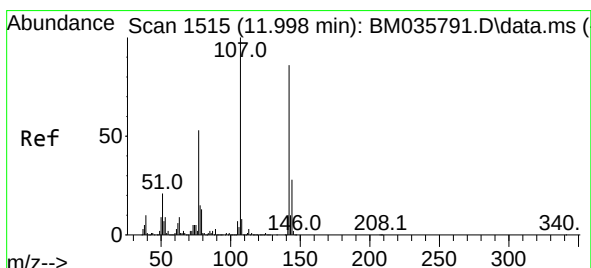
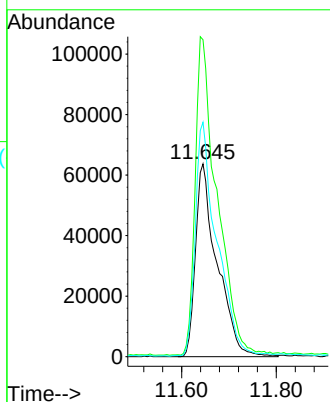
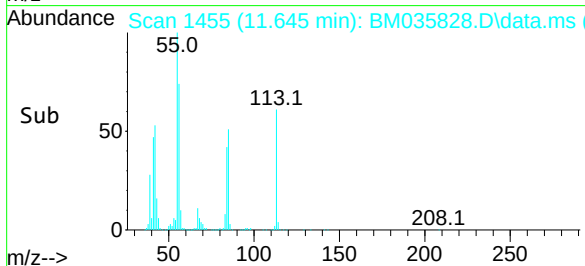
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



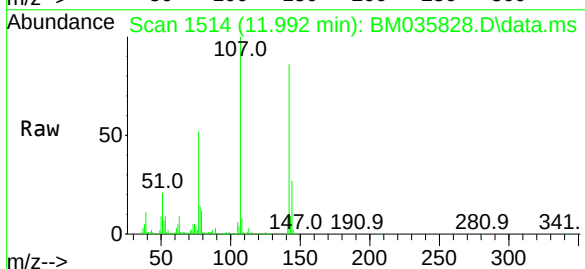
Tgt Ion:113 Resp: 201430  
Ion Ratio Lower Upper  
113 100  
55 164.4 150.1 190.1  
56 121.6 111.7 151.7

Manual Integrations  
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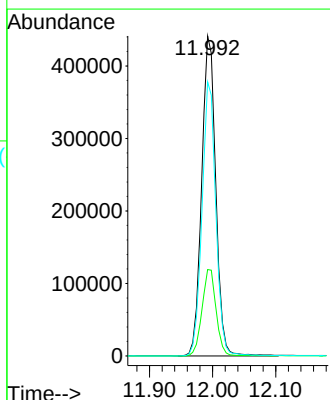
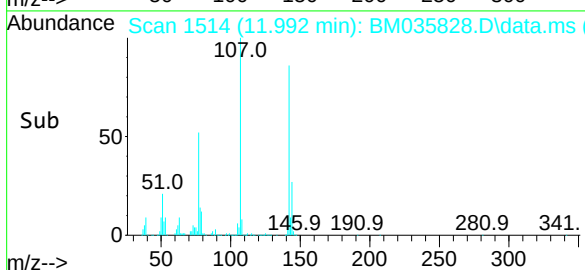
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

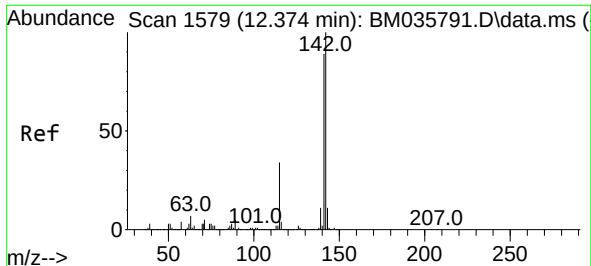


#36  
4-Chloro-3-methylphenol  
Concen: 45.676 ng  
RT: 11.992 min Scan# 1514  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



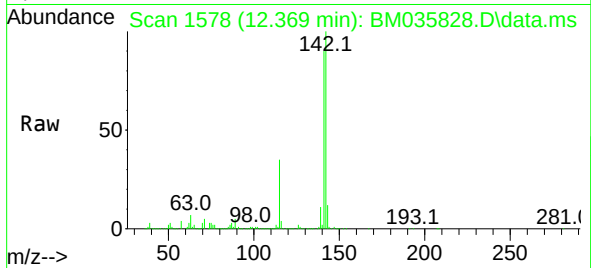
Tgt Ion:107 Resp: 685424  
Ion Ratio Lower Upper  
107 100  
144 27.0 21.4 32.0  
142 85.7 66.7 100.1





#37  
2-Methylnaphthalene  
Concen: 43.072 ng  
RT: 12.369 min Scan# 1578  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

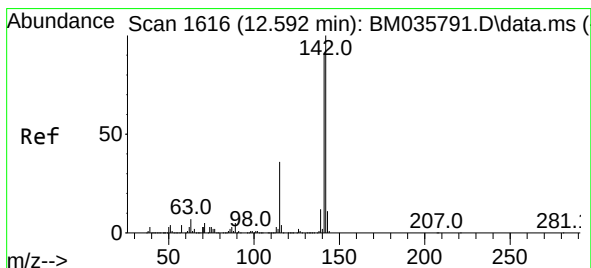
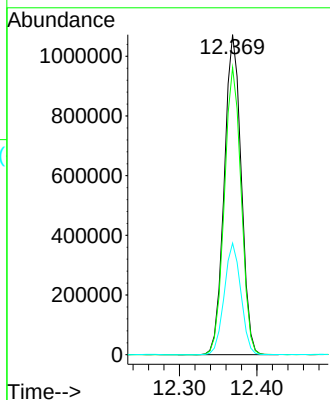
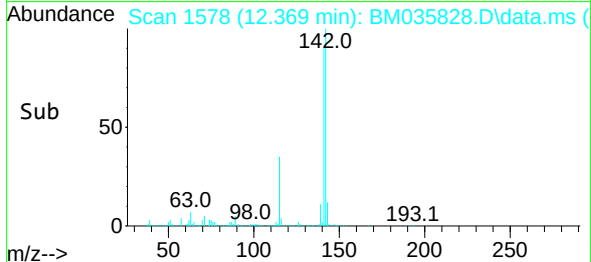
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



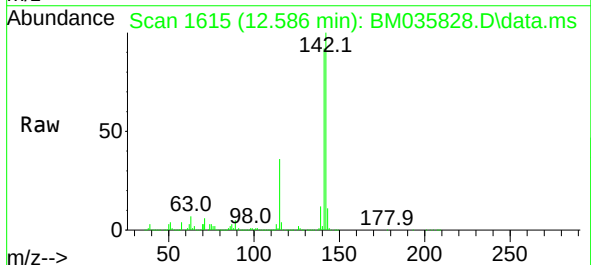
Tgt Ion:142 Resp: 163147  
Ion Ratio Lower Upper  
142 100  
141 89.7 72.4 108.6  
115 34.8 29.6 44.4

Manual Integrations  
APPROVED

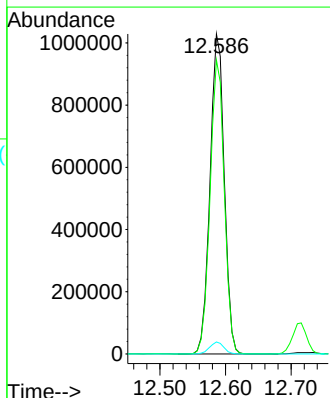
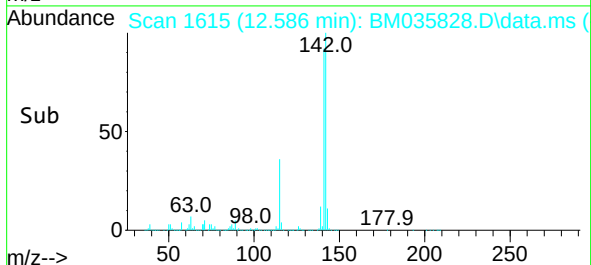
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

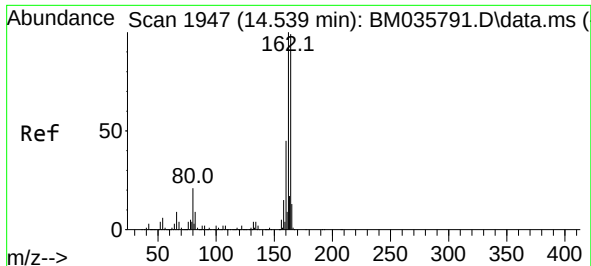


#38  
1-Methylnaphthalene  
Concen: 41.960 ng  
RT: 12.586 min Scan# 1615  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



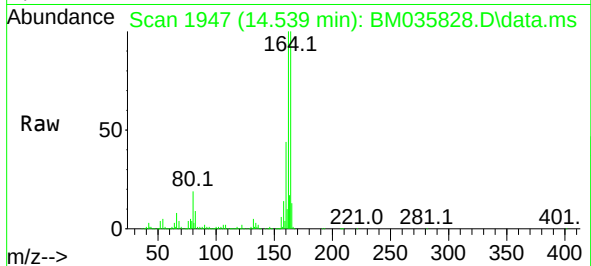
Tgt Ion:142 Resp: 1548266  
Ion Ratio Lower Upper  
142 100  
141 91.9 75.0 112.4  
116 3.7 3.4 5.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

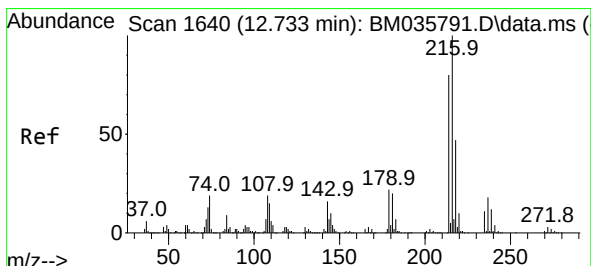
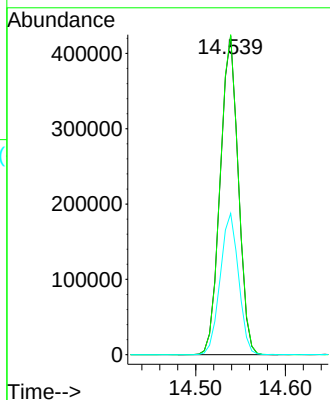
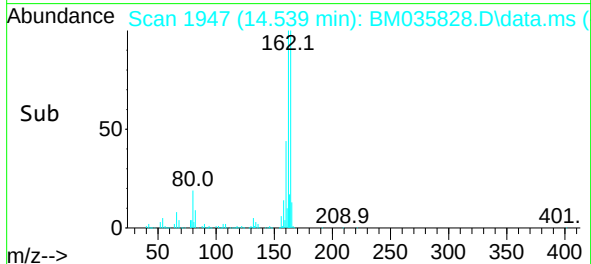
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



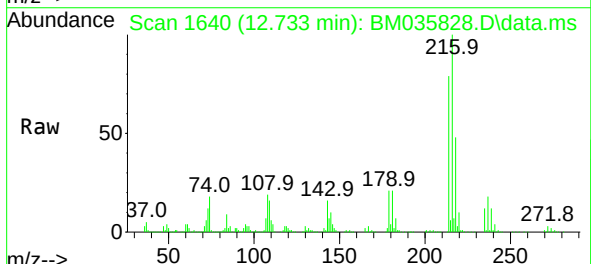
Tgt Ion:164 Resp: 591884  
Ion Ratio Lower Upper  
164 100  
162 100.3 83.0 124.6  
160 44.3 37.0 55.4

Manual Integrations  
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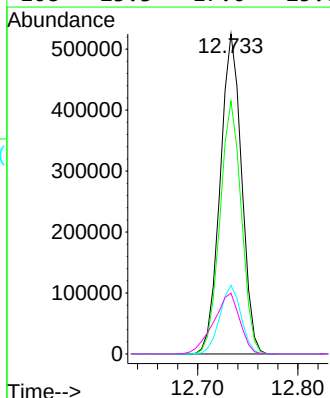
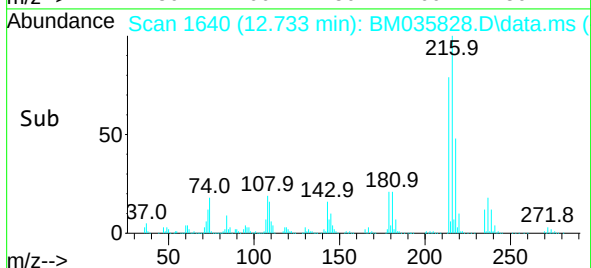
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

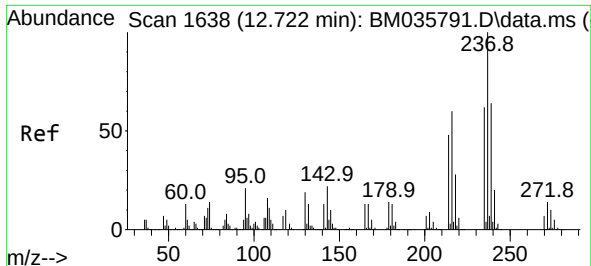


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.423 ng  
RT: 12.733 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



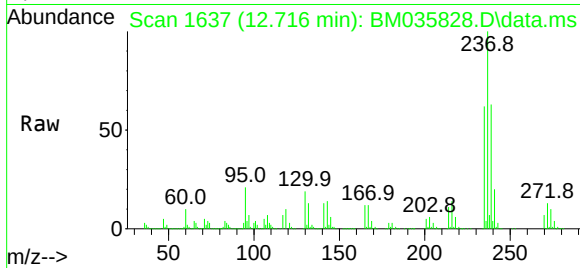
Tgt Ion:216 Resp: 778292  
Ion Ratio Lower Upper  
216 100  
214 78.7 62.6 94.0  
179 21.3 18.2 27.2  
108 23.3 17.0 25.6





#41  
Hexachlorocyclopentadiene  
Concen: 128.289 ng  
RT: 12.716 min Scan# 1637  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

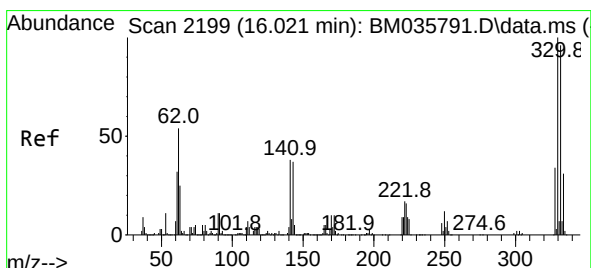
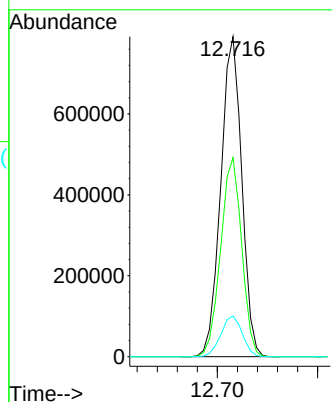
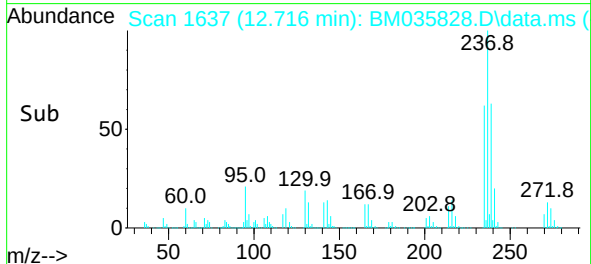
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



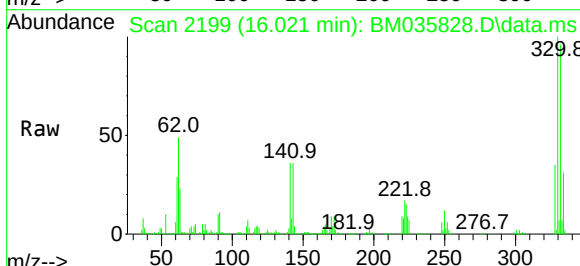
Tgt Ion:237 Resp: 1146460  
Ion Ratio Lower Upper  
237 100  
235 62.2 43.8 83.8  
272 12.7 0.0 32.5

Manual Integrations  
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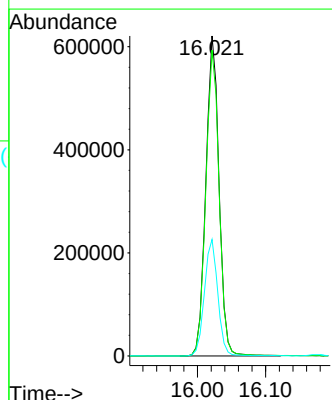
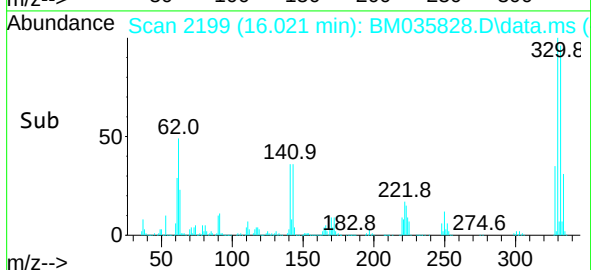
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



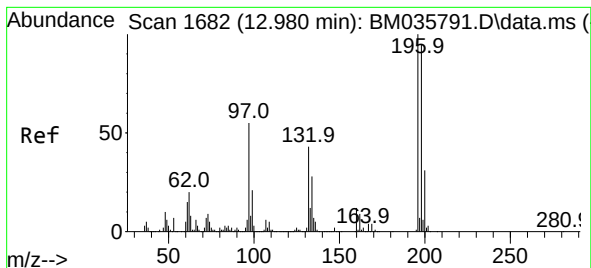
#42  
2,4,6-Tribromophenol  
Concen: 139.068 ng  
RT: 16.021 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



Tgt Ion:330 Resp: 835885  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.4  
141 37.0 35.3 52.9

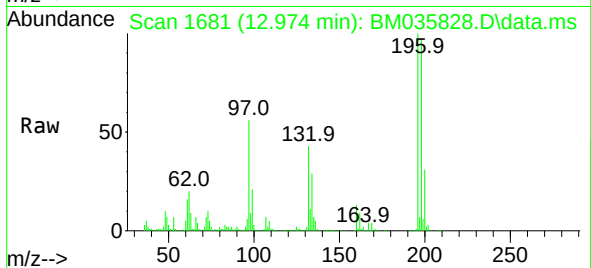






#43  
2,4,6-Trichlorophenol  
Concen: 49.932 ng  
RT: 12.974 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

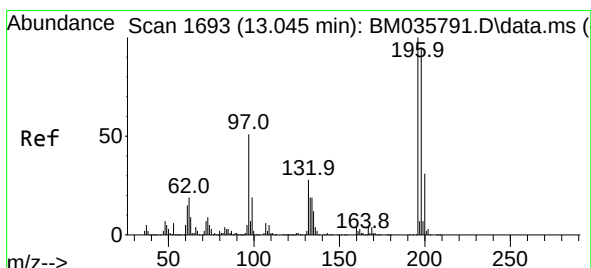
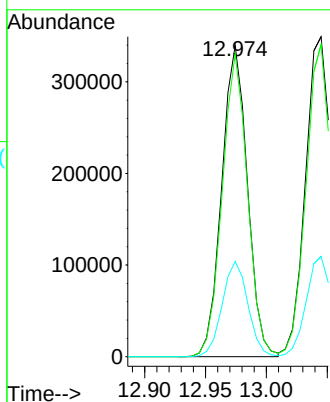
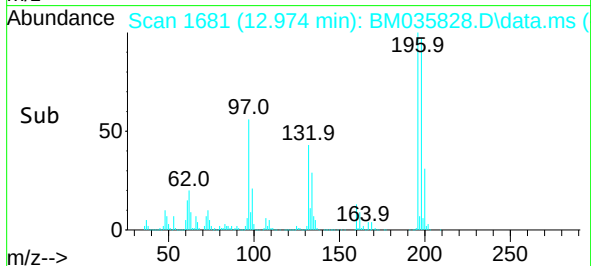
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



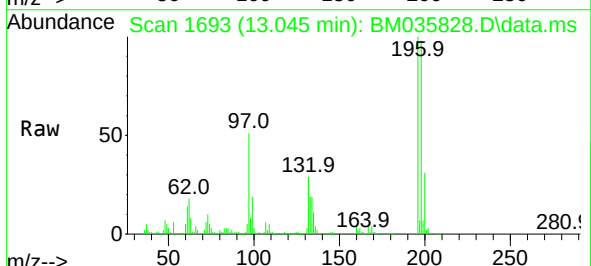
Tgt Ion:196 Resp: 498479  
Ion Ratio Lower Upper  
196 100  
198 97.3 75.8 113.6  
200 30.6 24.9 37.3

Manual Integrations  
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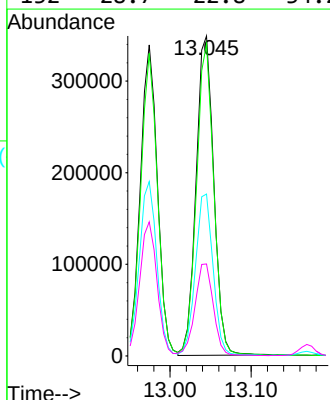
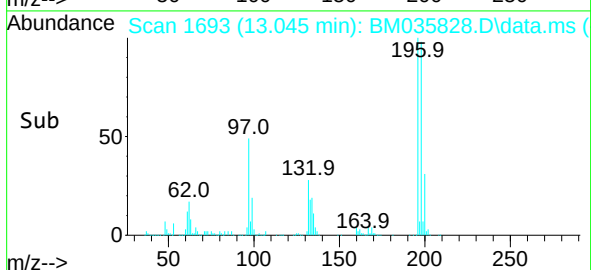
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

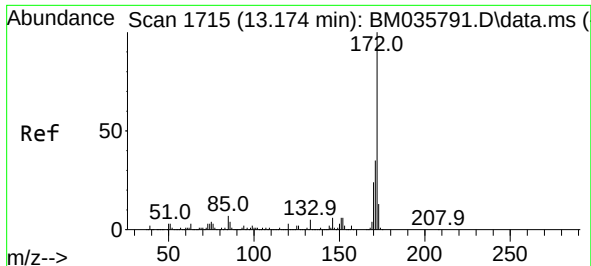


#44  
2,4,5-Trichlorophenol  
Concen: 49.365 ng  
RT: 13.045 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



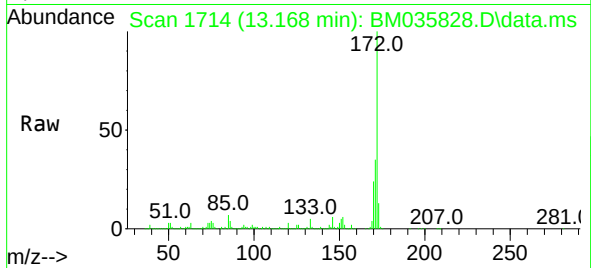
Tgt Ion:196 Resp: 528649  
Ion Ratio Lower Upper  
196 100  
198 97.5 77.8 116.6  
97 50.6 43.4 65.2  
132 28.7 22.8 34.2





#45  
2-Fluorobiphenyl  
Concen: 81.696 ng  
RT: 13.168 min Scan# 1714  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

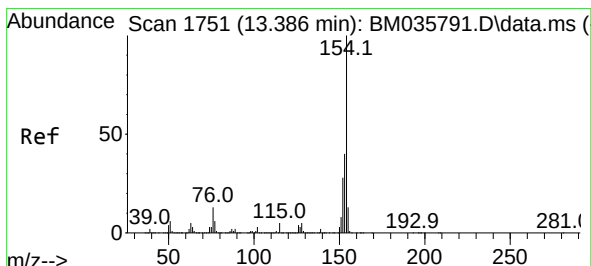
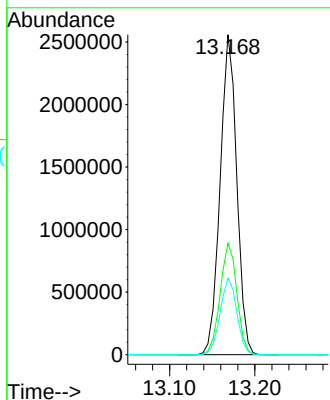
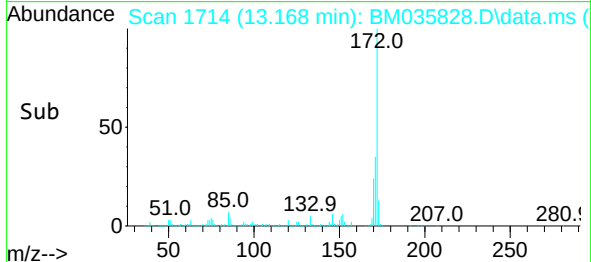
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



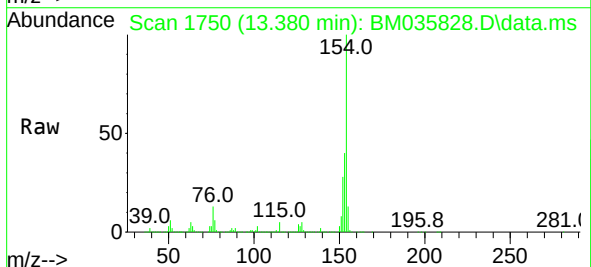
Tgt Ion:172 Resp: 346724  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.5 42.7  
170 23.8 18.7 28.1

Manual Integrations  
APPROVED

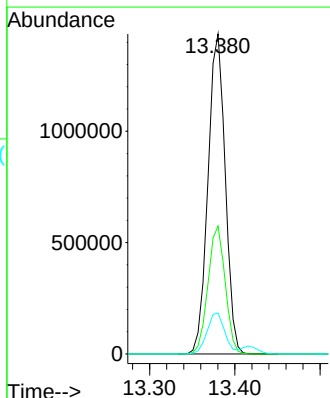
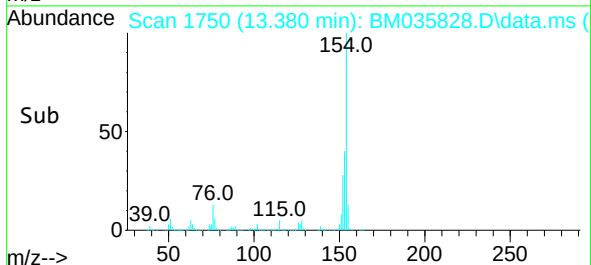
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

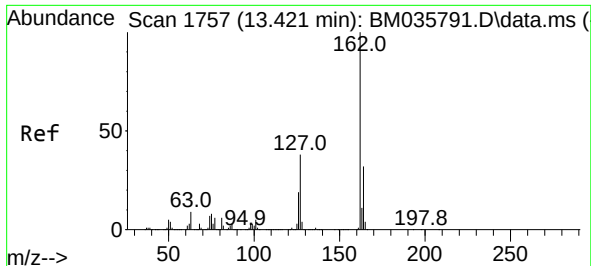


#46  
1,1'-Biphenyl  
Concen: 44.912 ng  
RT: 13.380 min Scan# 1750  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



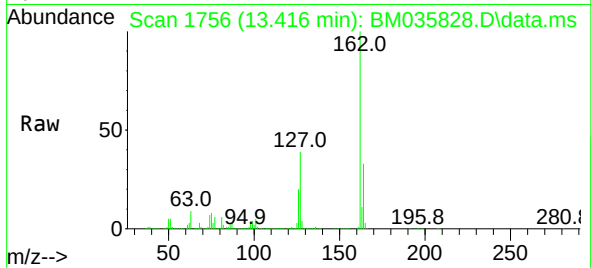
Tgt Ion:154 Resp: 2018968  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.5 60.5  
76 12.8 0.0 31.8





#47  
2-Chloronaphthalene  
Concen: 45.603 ng  
RT: 13.416 min Scan# 1756  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

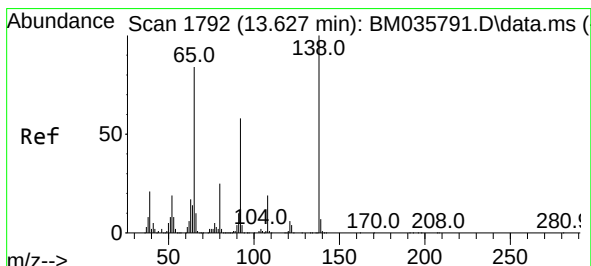
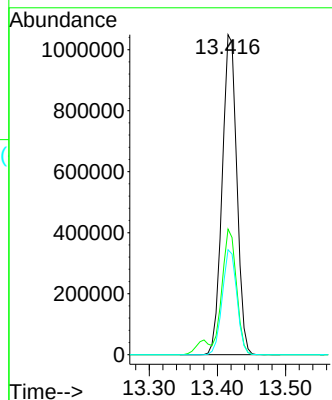
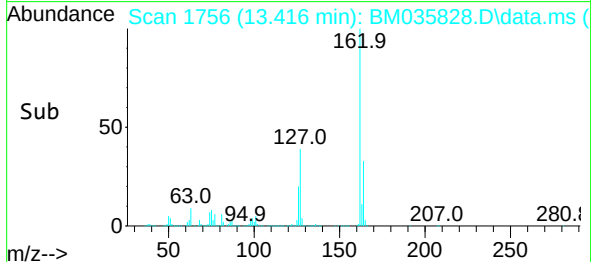
Instrument :  
BNA\_M  
ClientSampleId :  
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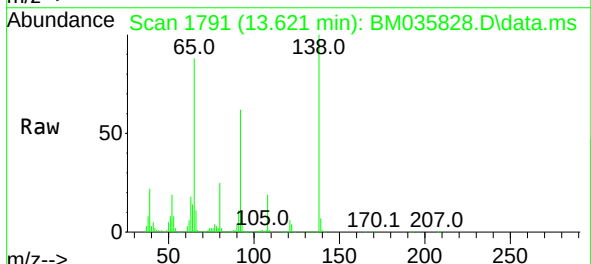
Tgt Ion:162 Resp: 156951  
Ion Ratio Lower Upper  
162 100  
127 39.3 30.6 45.8  
164 32.8 26.6 39.8

Manual Integrations  
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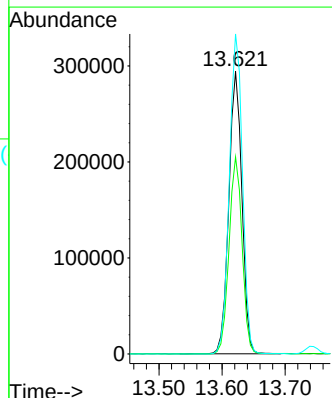
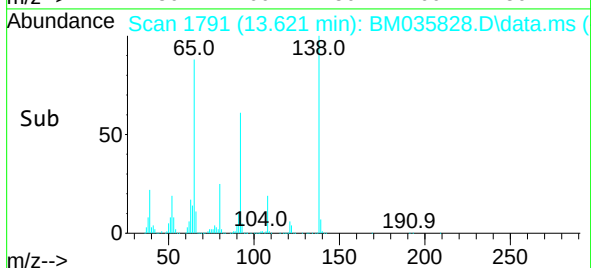
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

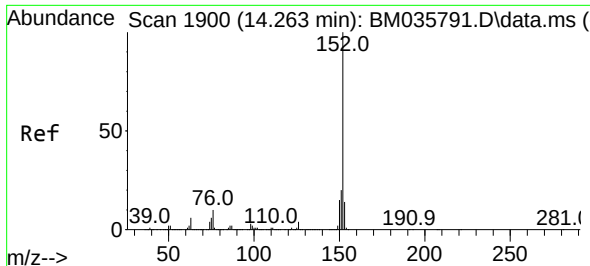


#48  
2-Nitroaniline  
Concen: 47.065 ng  
RT: 13.621 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



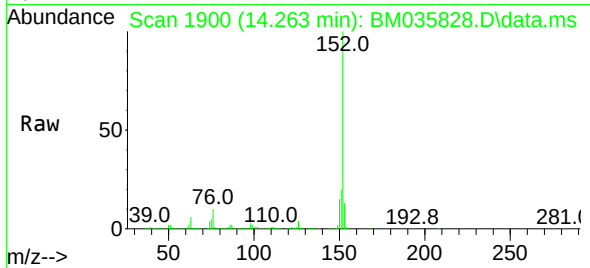
Tgt Ion: 65 Resp: 423394  
Ion Ratio Lower Upper  
65 100  
92 69.7 53.7 80.5  
138 113.2 83.9 125.9





#49  
Acenaphthylene  
Concen: 46.793 ng  
RT: 14.263 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

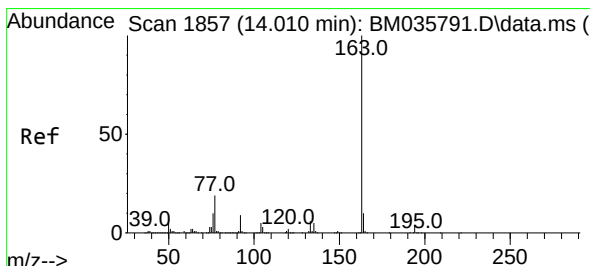
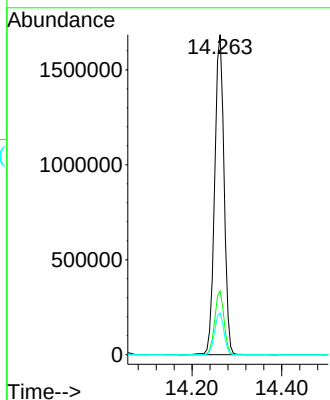
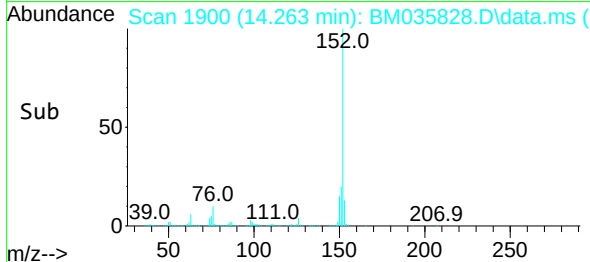
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



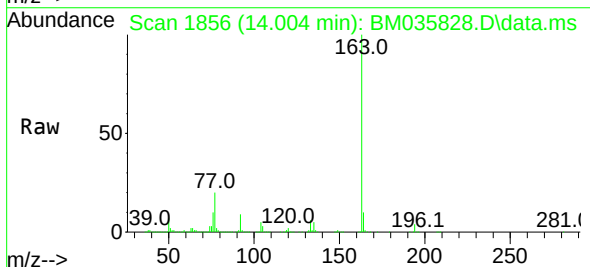
Tgt Ion:152 Resp: 243429  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.2  
153 13.1 10.5 15.7

Manual Integrations  
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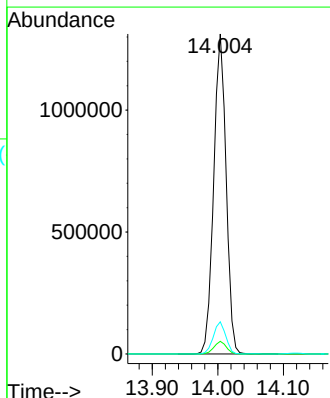
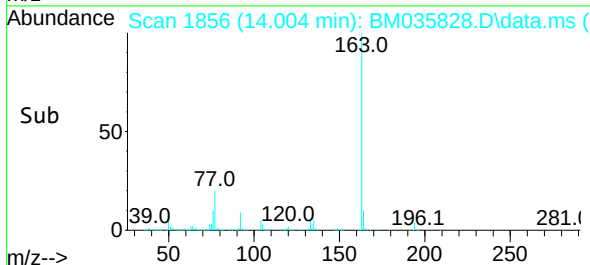
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

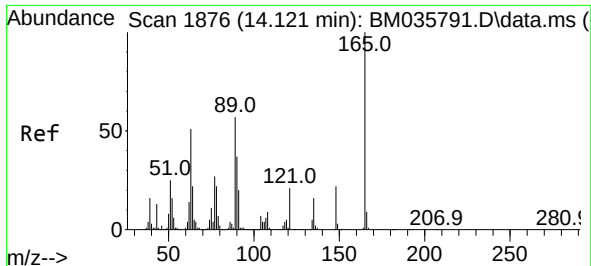


#50  
Dimethylphthalate  
Concen: 45.089 ng  
RT: 14.004 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



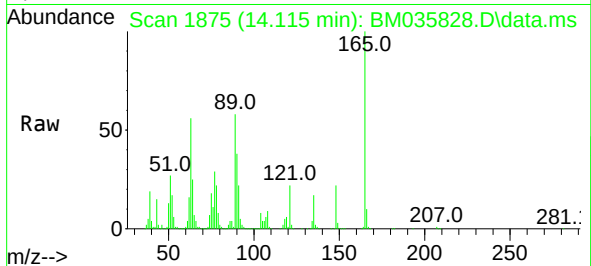
Tgt Ion:163 Resp: 1720049  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.4  
164 10.1 8.4 12.6





#51  
2,6-Dinitrotoluene  
Concen: 45.943 ng  
RT: 14.115 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

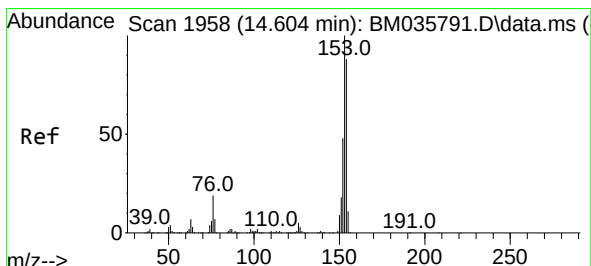
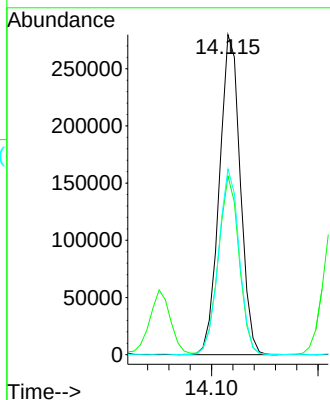
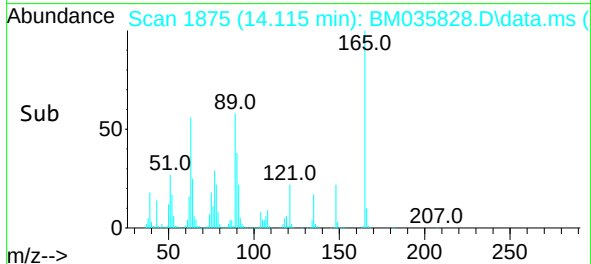
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



Tgt Ion:165 Resp: 380749  
Ion Ratio Lower Upper  
165 100  
63 55.8 50.2 75.2  
89 58.1 48.4 72.6

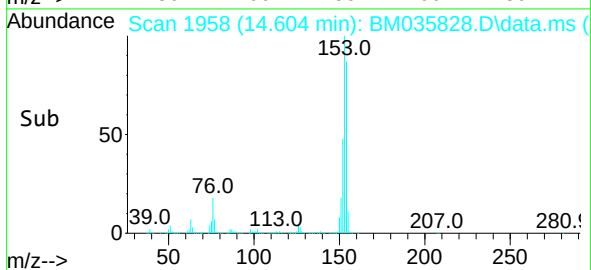
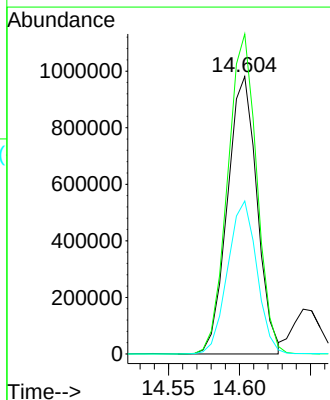
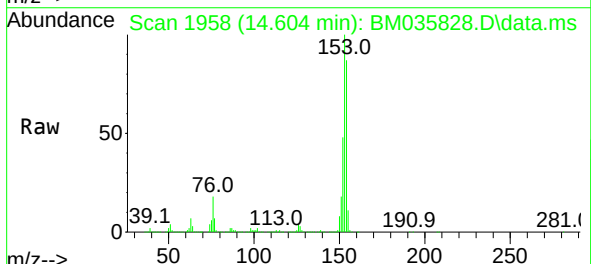
Manual Integrations  
APPROVED

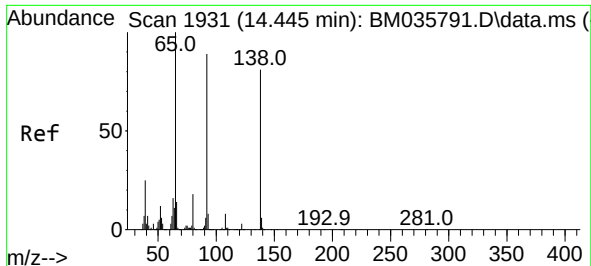
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#52  
Acenaphthene  
Concen: 44.779 ng  
RT: 14.604 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

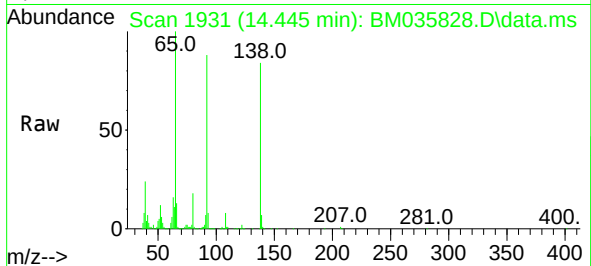
Tgt Ion:154 Resp: 1421785  
Ion Ratio Lower Upper  
154 100  
153 115.3 91.0 136.6  
152 55.1 43.4 65.2





#53  
3-Nitroaniline  
Concen: 31.167 ng  
RT: 14.445 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

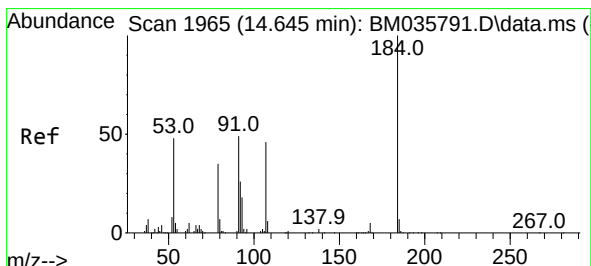
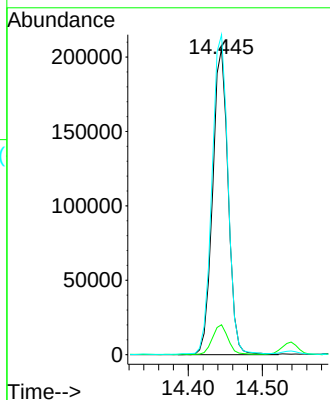
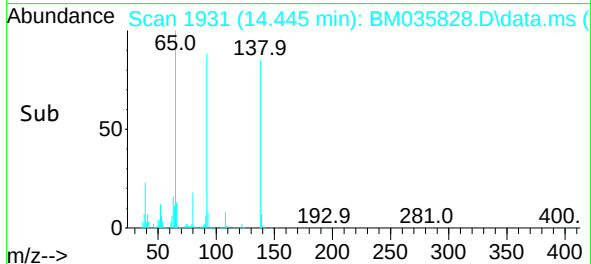
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



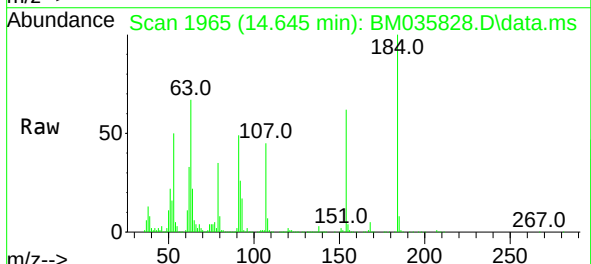
Tgt Ion:138 Resp: 29919  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.7 13.1  
92 104.5 91.5 137.3

Manual Integrations  
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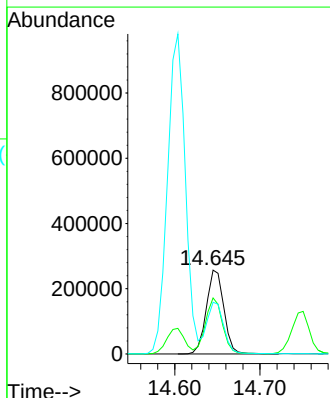
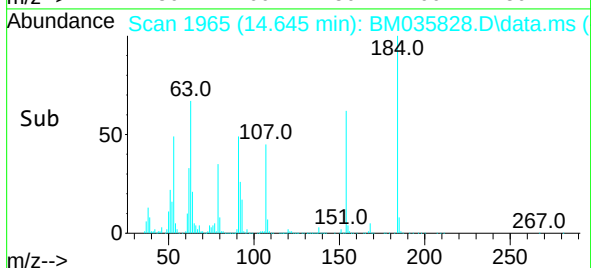
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

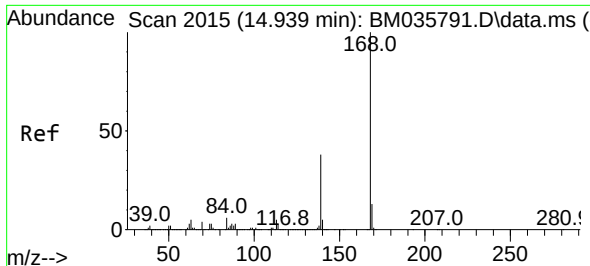


#54  
2,4-Dinitrophenol  
Concen: 102.658 ng  
RT: 14.645 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



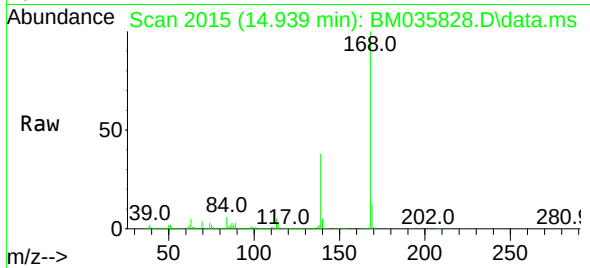
Tgt Ion:184 Resp: 367279  
Ion Ratio Lower Upper  
184 100  
63 66.8 59.5 89.3  
154 61.6 55.6 83.4





#55  
Dibenzofuran  
Concen: 42.860 ng  
RT: 14.939 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

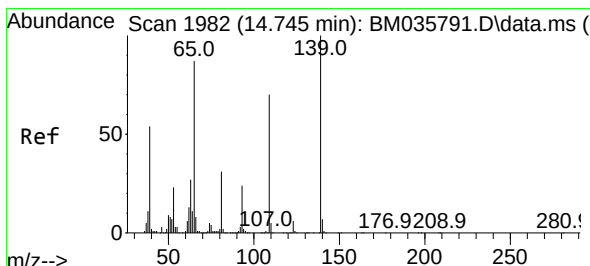
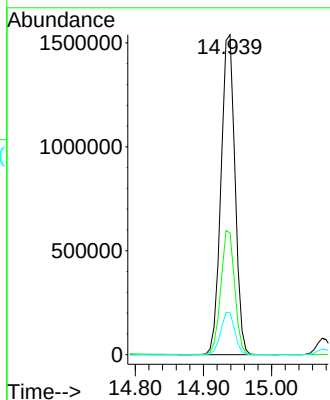
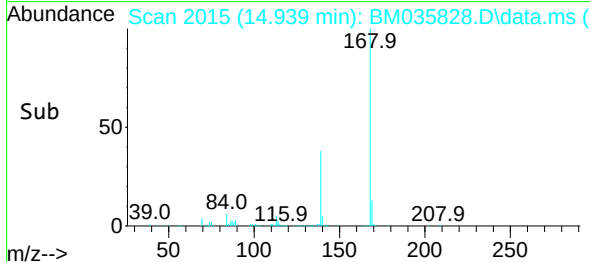
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



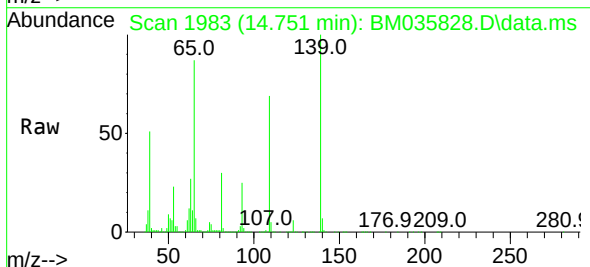
Tgt Ion:168 Resp: 220063  
Ion Ratio Lower Upper  
168 100  
139 38.0 32.2 48.2  
169 13.1 10.6 16.0

Manual Integrations  
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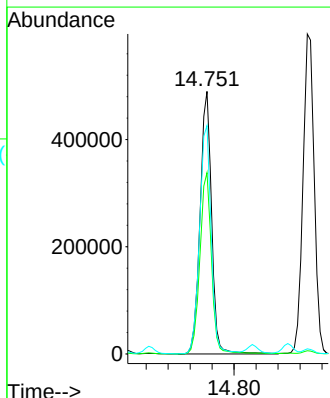
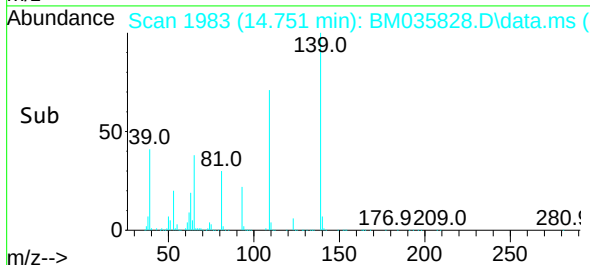
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

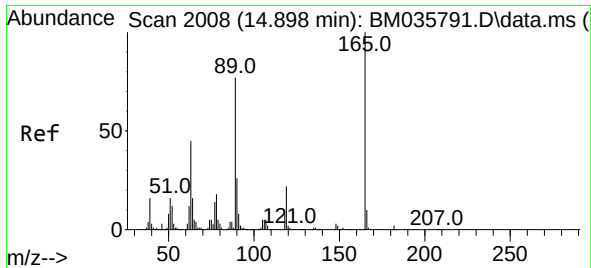


#56  
4-Nitrophenol  
Concen: 91.682 ng  
RT: 14.751 min Scan# 1983  
Delta R.T. 0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



Tgt Ion:139 Resp: 716037  
Ion Ratio Lower Upper  
139 100  
109 69.1 62.5 102.5  
65 86.9 83.5 123.5





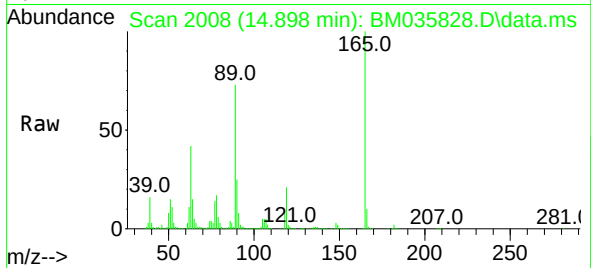
#57  
2,4-Dinitrotoluene  
Concen: 46.319 ng  
RT: 14.898 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

Instrument :

BNA\_M

ClientSampleId :

PB146188BS

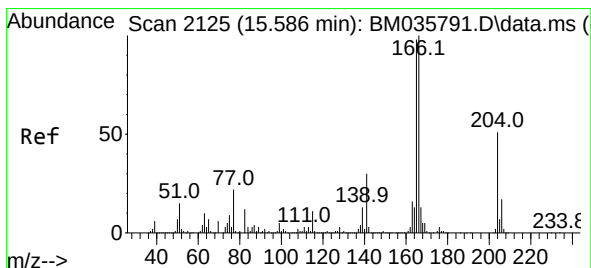
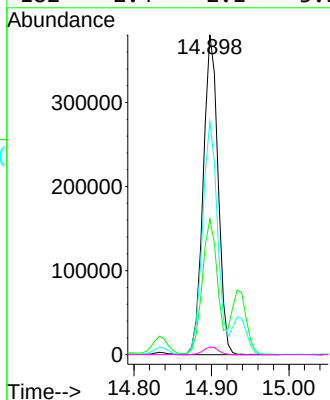
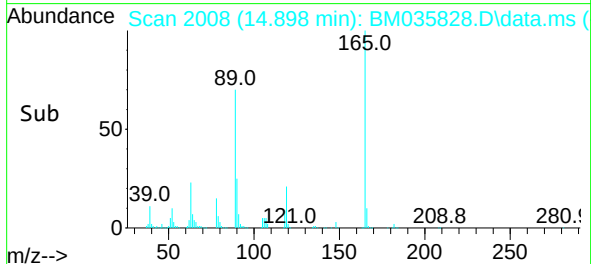


Tgt Ion:165 Resp: 506811  
Ion Ratio Lower Upper  
165 100  
63 42.4 35.6 53.4  
89 72.8 57.3 85.9  
182 2.4 2.1 3.1

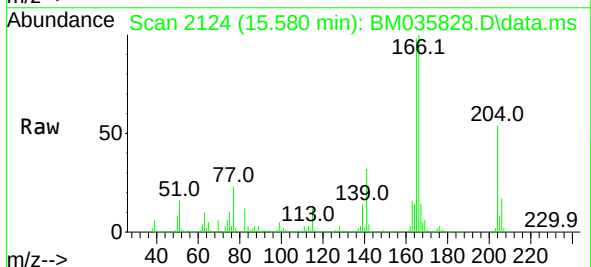
Manual Integrations

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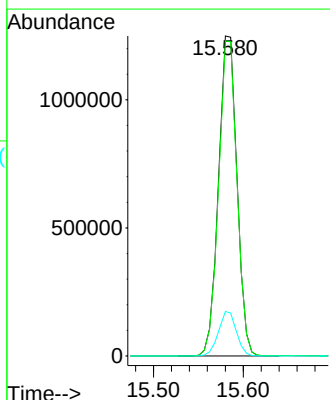
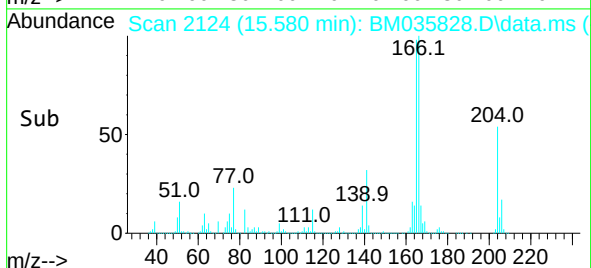
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



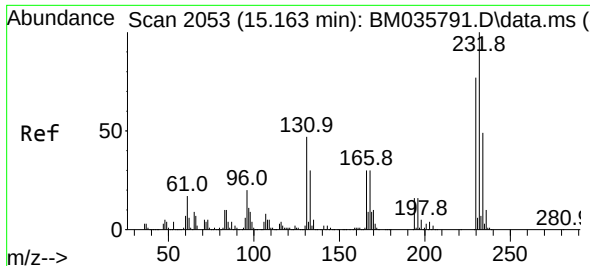
#58  
Fluorene  
Concen: 43.700 ng  
RT: 15.580 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



Tgt Ion:166 Resp: 1780213  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.4 119.2  
167 13.9 10.6 16.0

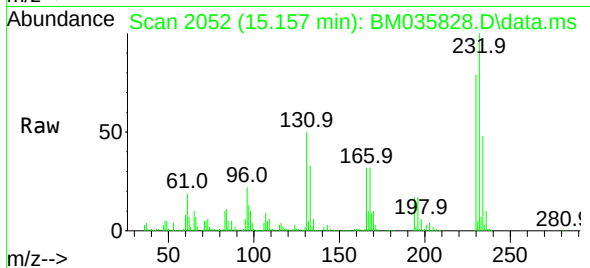






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.589 ng  
RT: 15.157 min Scan# 2052  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

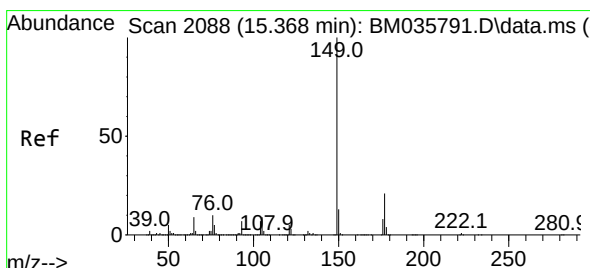
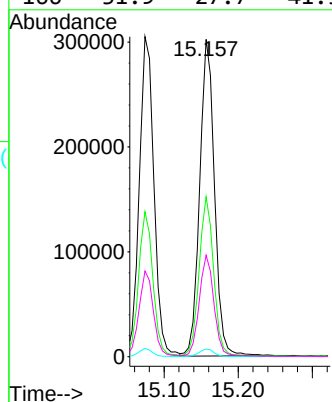
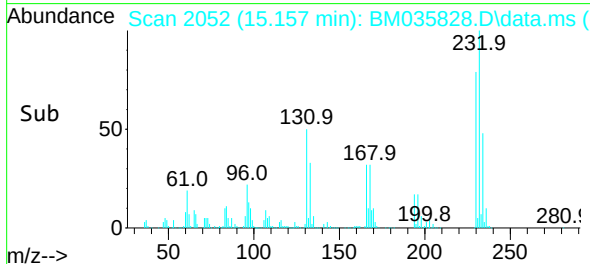
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



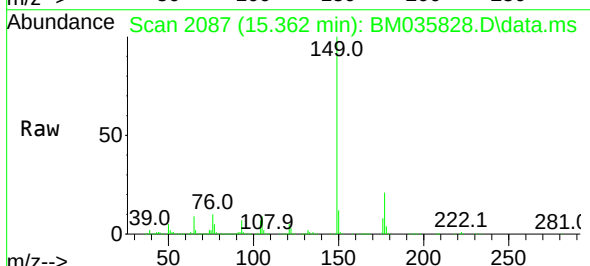
Tgt Ion:232 Resp: 42015  
Ion Ratio Lower Upper  
232 100  
131 49.5 41.0 61.6  
130 2.6 2.3 3.5  
166 31.9 27.7 41.5

Manual Integrations  
APPROVED

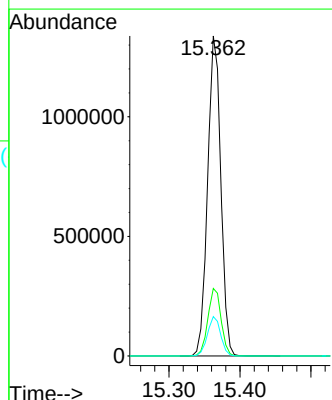
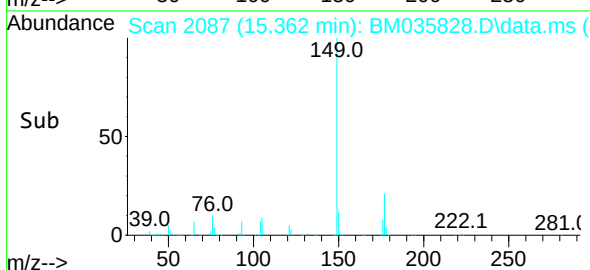
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

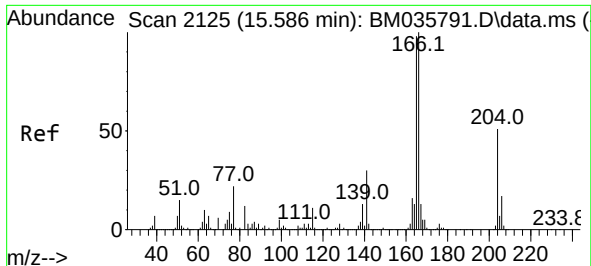


#60  
Diethylphthalate  
Concen: 46.042 ng  
RT: 15.362 min Scan# 2087  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



Tgt Ion:149 Resp: 1728044  
Ion Ratio Lower Upper  
149 100  
177 21.1 16.9 25.3  
150 12.3 10.1 15.1





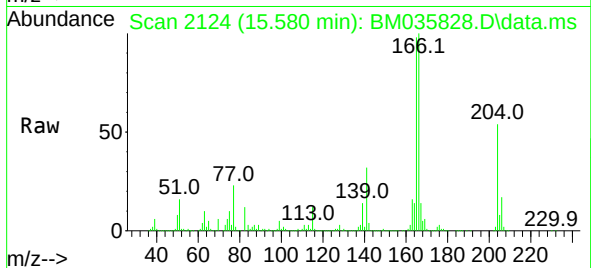
#61  
4-Chlorophenyl-phenylether  
Concen: 42.445 ng  
RT: 15.580 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

Instrument :

BNA\_M

ClientSampleId :

PB146188BS

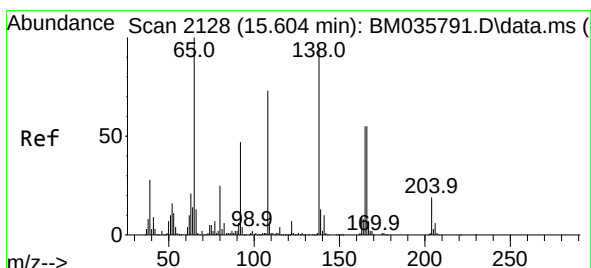
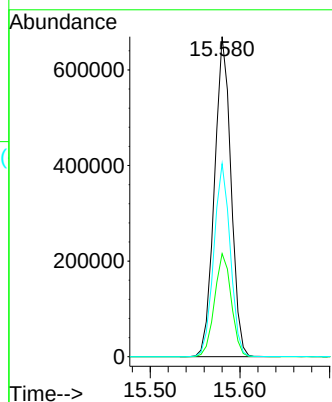
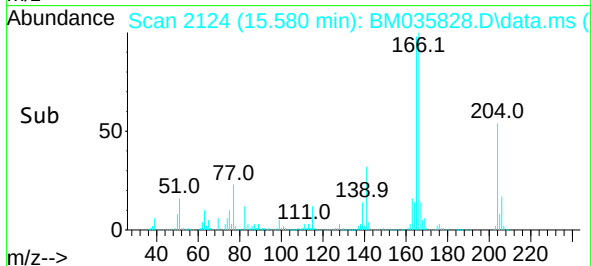


Tgt Ion:204 Resp: 858462  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.3 39.5  
141 60.3 51.2 76.8

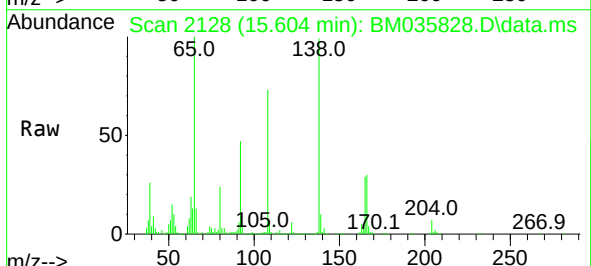
Manual Integrations

APPROVED

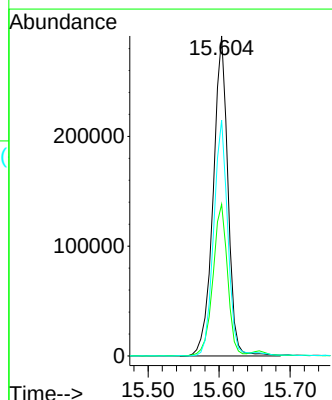
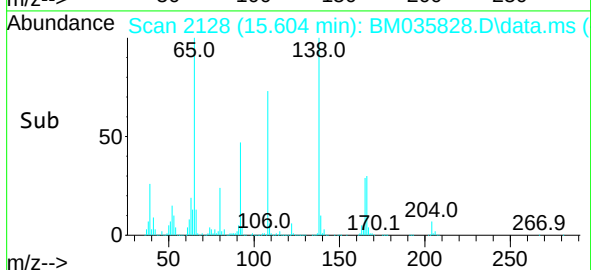
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

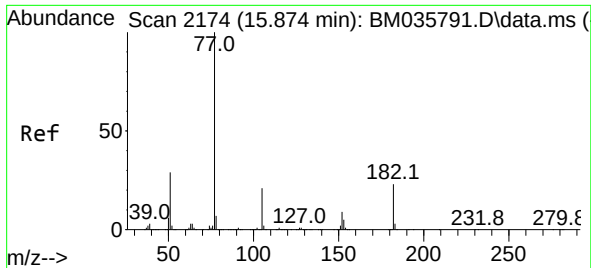


#62  
4-Nitroaniline  
Concen: 41.146 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



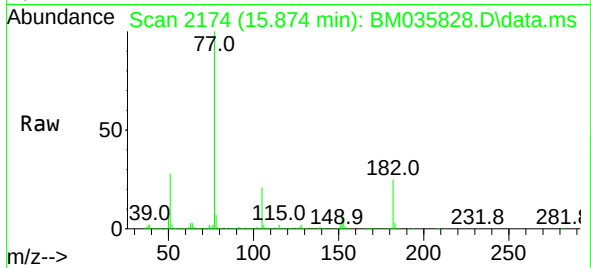
Tgt Ion:138 Resp: 421535  
Ion Ratio Lower Upper  
138 100  
92 47.4 30.8 70.8  
108 73.7 65.7 105.7





#63  
Azobenzene  
Concen: 44.112 ng  
RT: 15.874 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

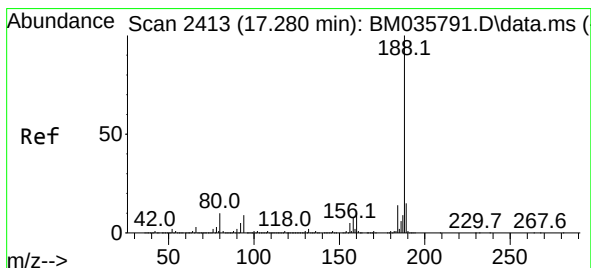
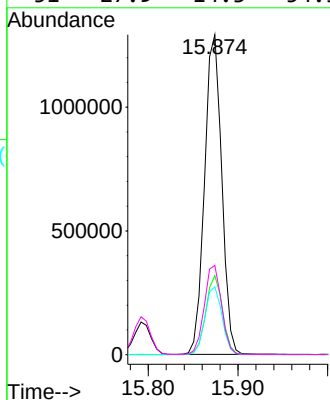
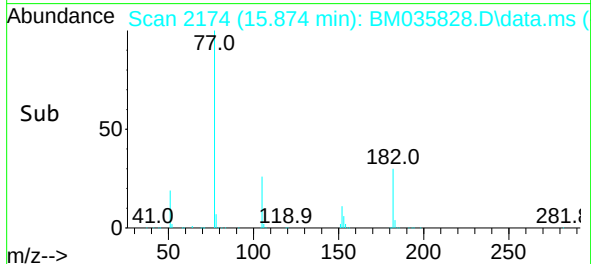
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



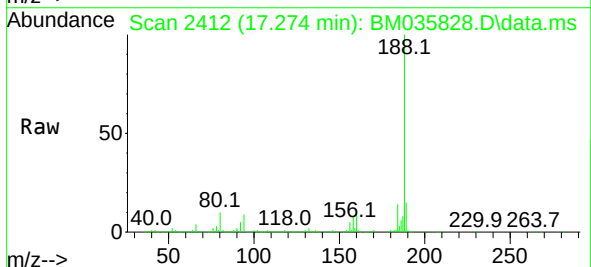
Tgt Ion: 77 Resp: 171576  
Ion Ratio Lower Upper  
77 100  
182 24.7 4.9 44.9  
105 21.2 0.0 39.6  
51 27.9 14.3 54.3

Manual Integrations  
APPROVED

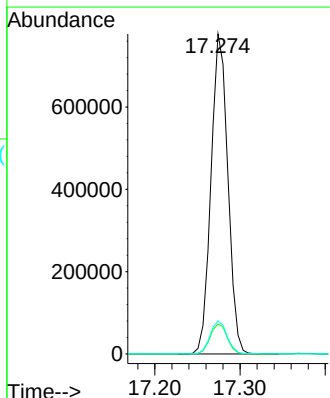
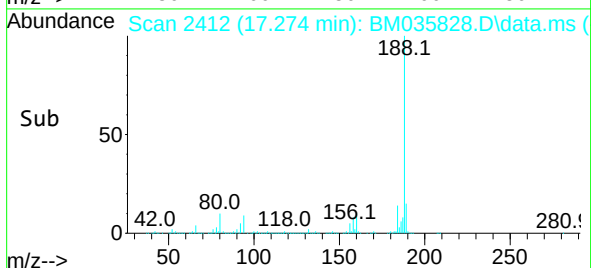
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

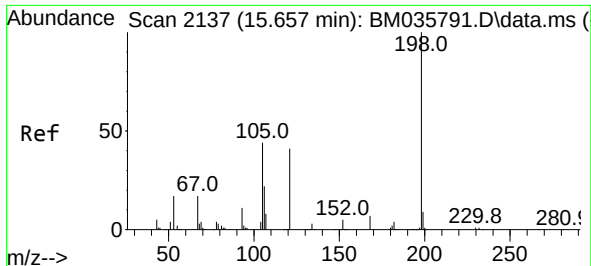


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.274 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



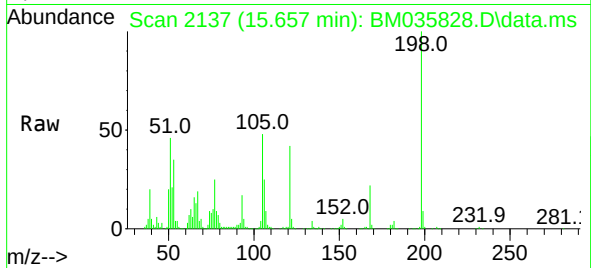
Tgt Ion:188 Resp: 1067535  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.0 10.4  
80 10.4 7.6 11.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.901 ng  
RT: 15.657 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

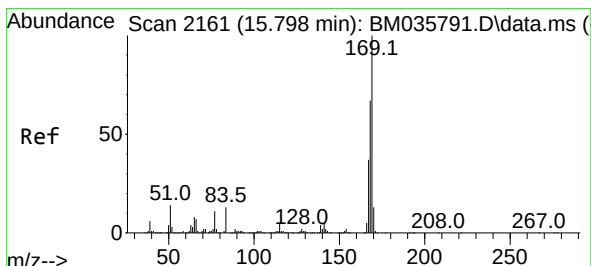
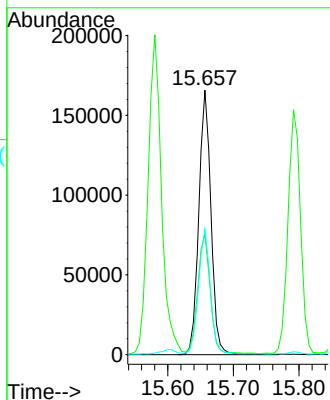
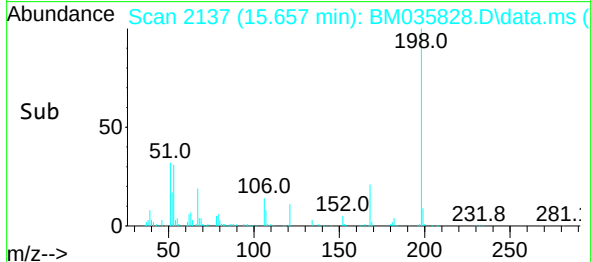
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



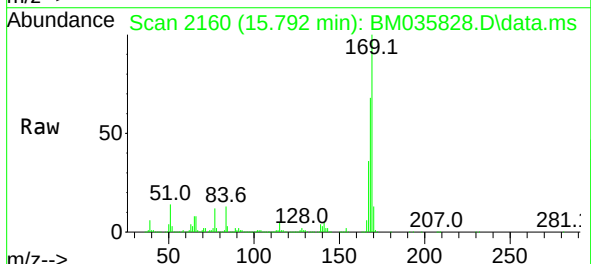
Tgt Ion:198 Resp: 21518  
Ion Ratio Lower Upper  
198 100  
51 45.6 29.0 69.0  
105 47.6 22.1 62.1

Manual Integrations  
APPROVED

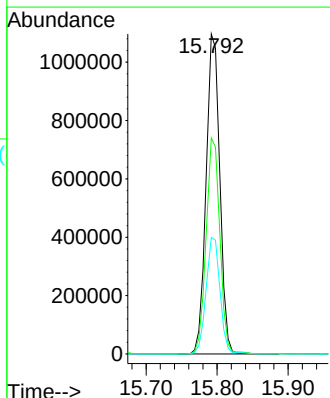
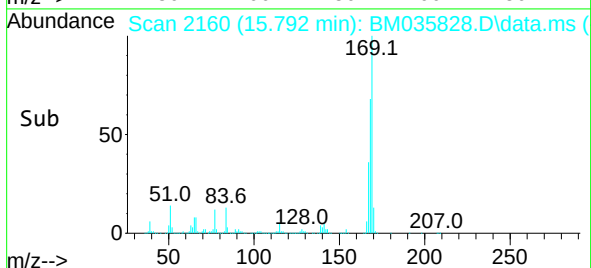
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

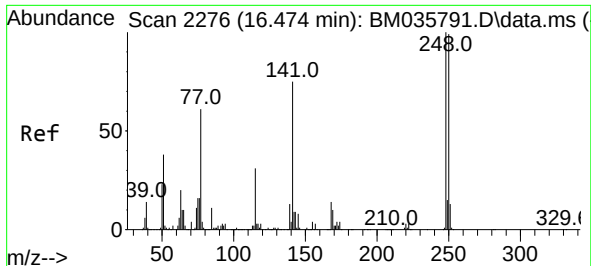


#66  
n-Nitrosodiphenylamine  
Concen: 48.320 ng  
RT: 15.792 min Scan# 2160  
Delta R.T. -0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



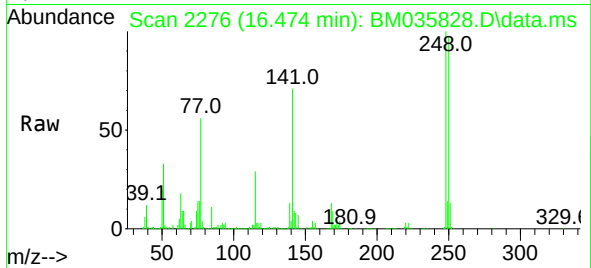
Tgt Ion:169 Resp: 1475041  
Ion Ratio Lower Upper  
169 100  
168 67.5 54.3 81.5  
167 36.4 29.4 44.0





#67  
4-Bromophenyl-phenylether  
Concen: 47.675 ng  
RT: 16.474 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

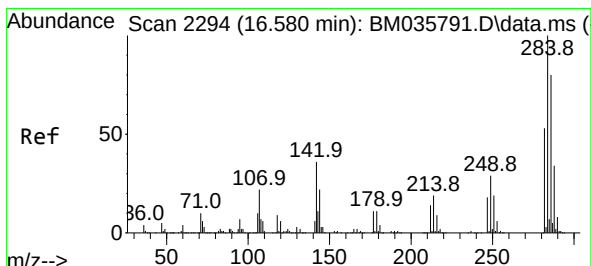
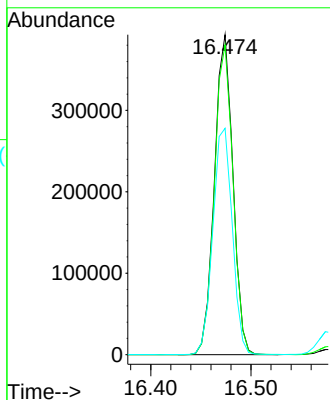
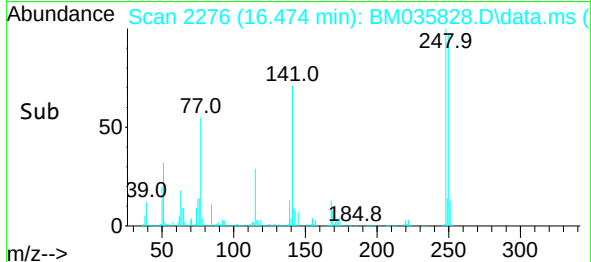
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



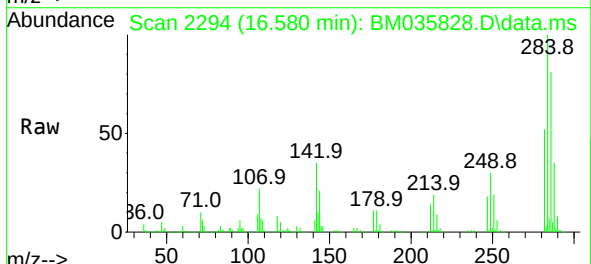
Tgt Ion:248 Resp: 50403  
Ion Ratio Lower Upper  
248 100  
250 96.8 78.0 117.0  
141 70.8 66.0 99.0

Manual Integrations  
APPROVED

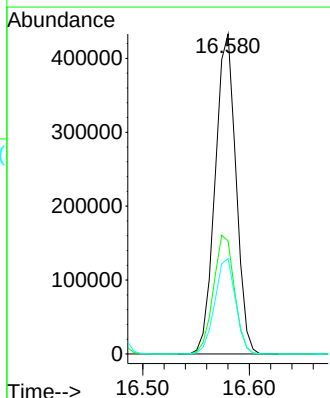
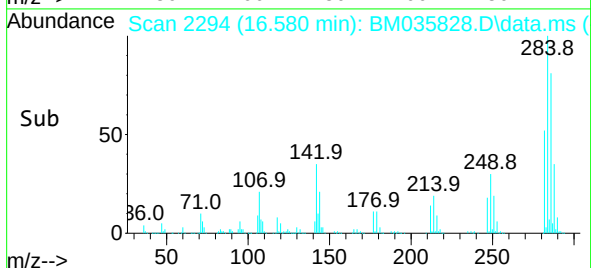
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

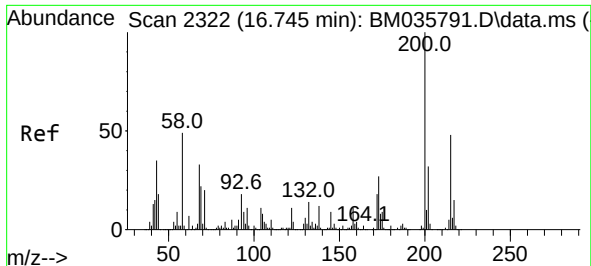


#68  
Hexachlorobenzene  
Concen: 46.904 ng  
RT: 16.580 min Scan# 2294  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



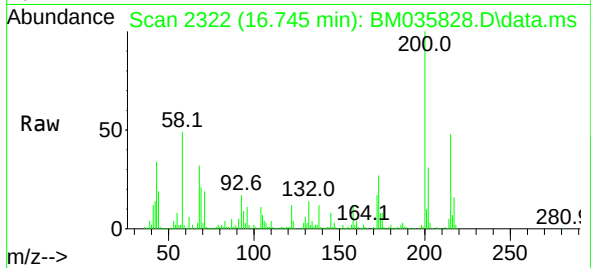
Tgt Ion:284 Resp: 585680  
Ion Ratio Lower Upper  
284 100  
142 35.3 33.6 50.4  
249 29.8 26.2 39.2





#69  
 Atrazine  
 Concen: 59.821 ng  
 RT: 16.745 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM035828.D  
 Acq: 15 Jul 2022 13:10

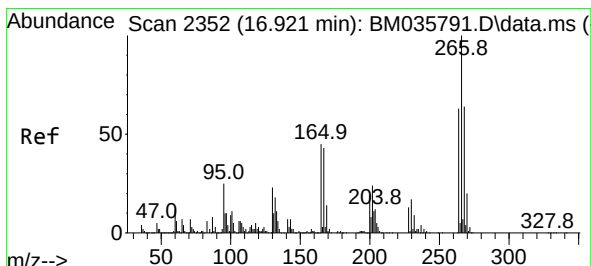
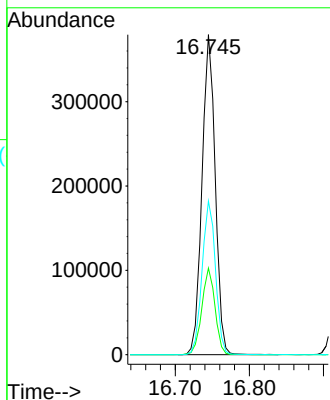
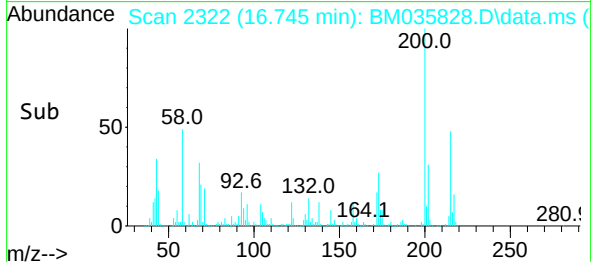
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB146188BS



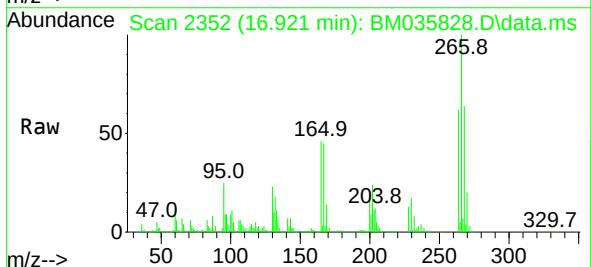
Tgt Ion:200 Resp: 47184  
 Ion Ratio Lower Upper  
 200 100  
 173 27.1 6.6 46.6  
 215 48.0 26.2 66.2

Manual Integrations  
 APPROVED

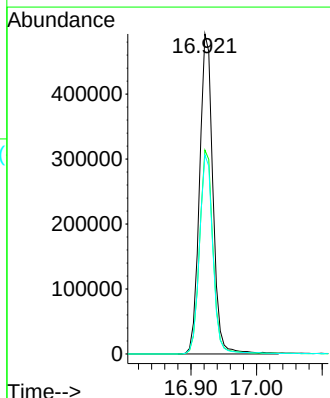
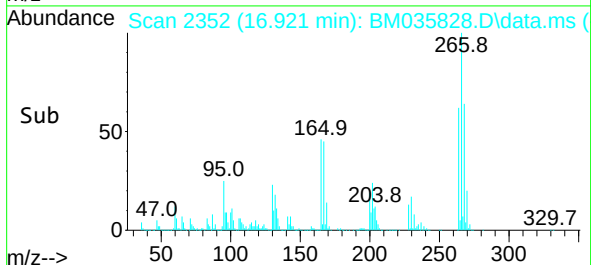
Reviewed By :Christian Giraldo 07/18/2022  
 Supervised By :Jagrut Upadhyay 07/18/2022

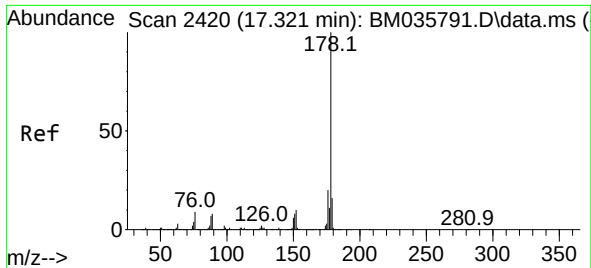


#70  
 Pentachlorophenol  
 Concen: 108.429 ng  
 RT: 16.921 min Scan# 2352  
 Delta R.T. 0.000 min  
 Lab File: BM035828.D  
 Acq: 15 Jul 2022 13:10



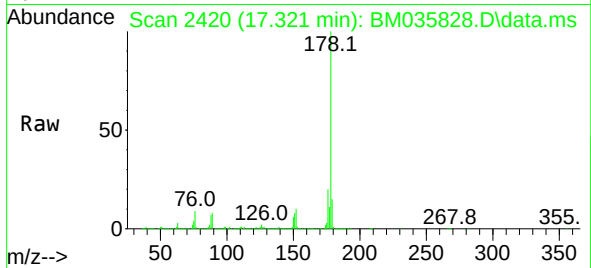
Tgt Ion:266 Resp: 699462  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 51.9 77.9  
 264 62.2 50.6 76.0





#71  
Phenanthrene  
Concen: 45.401 ng  
RT: 17.321 min Scan# 2420  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

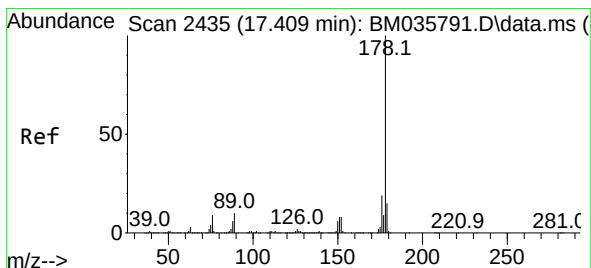
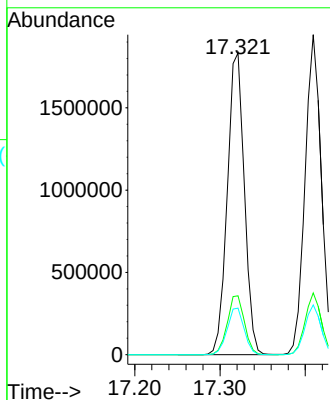
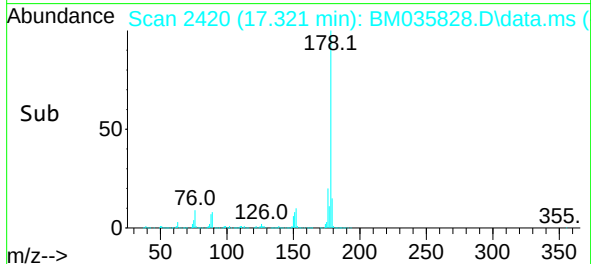
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



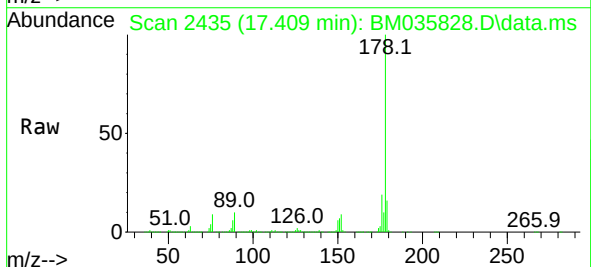
Tgt Ion:178 Resp: 2546140  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 15.4 12.4 18.6

Manual Integrations  
APPROVED

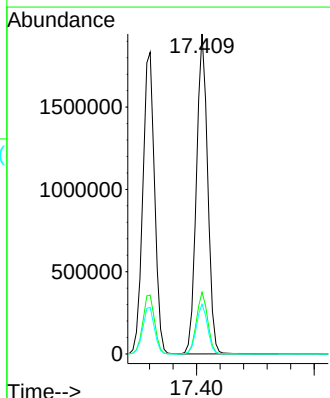
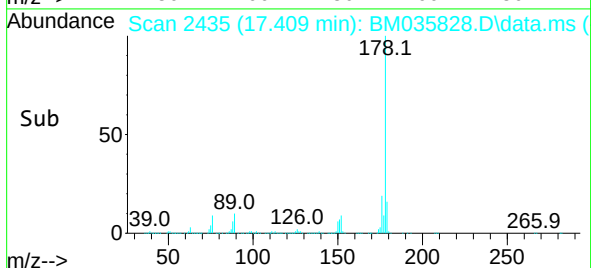
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

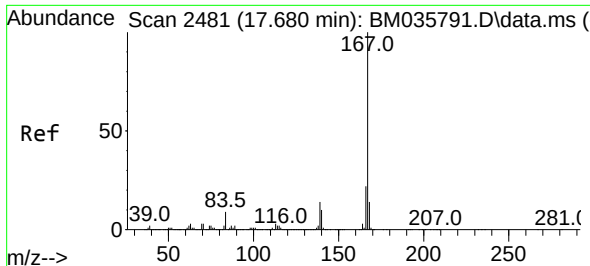


#72  
Anthracene  
Concen: 47.816 ng  
RT: 17.409 min Scan# 2435  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



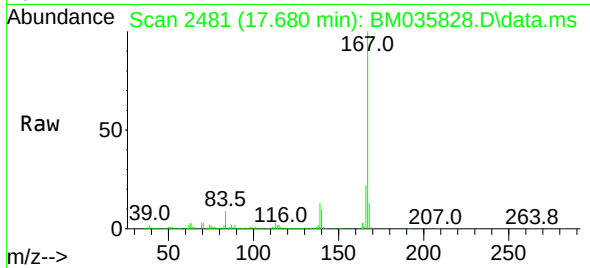
Tgt Ion:178 Resp: 2579712  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.0 22.4  
179 15.5 12.2 18.2





#73  
 Carbazole  
 Concen: 43.945 ng  
 RT: 17.680 min Scan# 2481  
 Delta R.T. -0.000 min  
 Lab File: BM035828.D  
 Acq: 15 Jul 2022 13:10

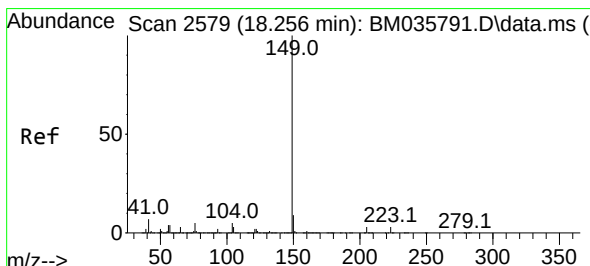
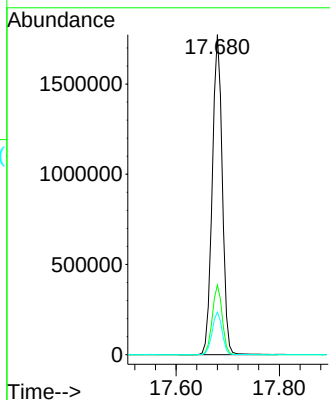
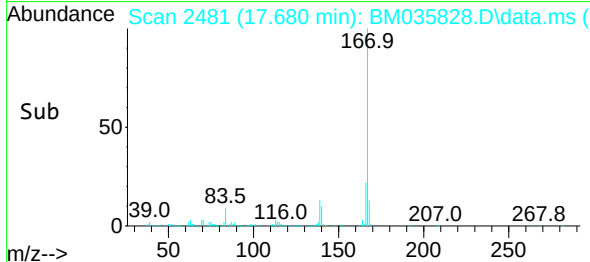
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB146188BS



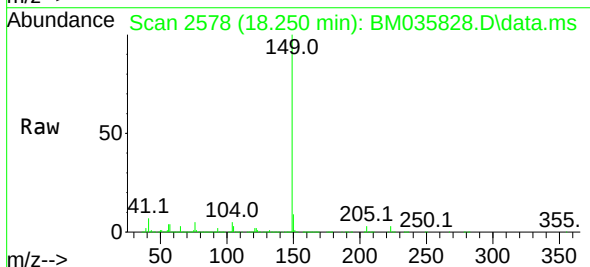
Tgt Ion:167 Resp: 238520  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.8 26.8  
 139 13.3 10.9 16.3

Manual Integrations  
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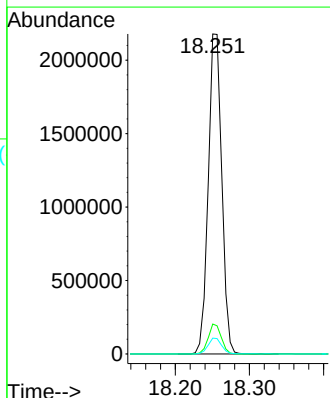
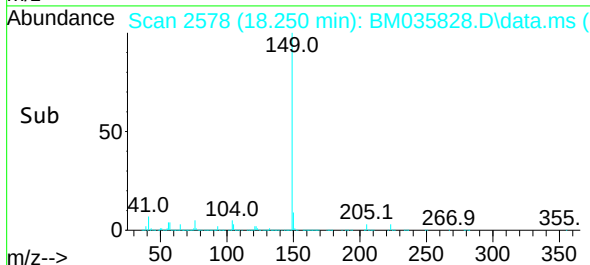
Reviewed By :Christian Giraldo 07/18/2022  
 Supervised By :Jagrut Upadhyay 07/18/2022



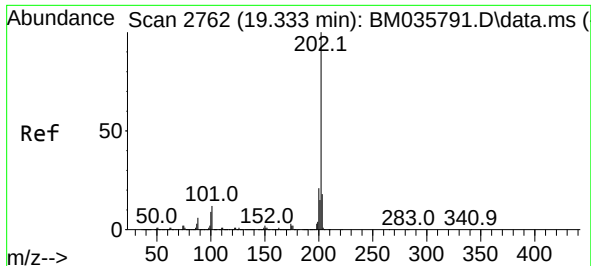
#74  
 Di-n-butylphthalate  
 Concen: 47.555 ng  
 RT: 18.250 min Scan# 2578  
 Delta R.T. -0.006 min  
 Lab File: BM035828.D  
 Acq: 15 Jul 2022 13:10



Tgt Ion:149 Resp: 2752887  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.3 10.9  
 104 5.0 4.3 6.5

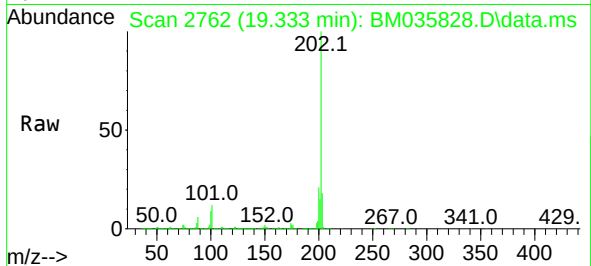






#75  
Fluoranthene  
Concen: 44.376 ng  
RT: 19.333 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

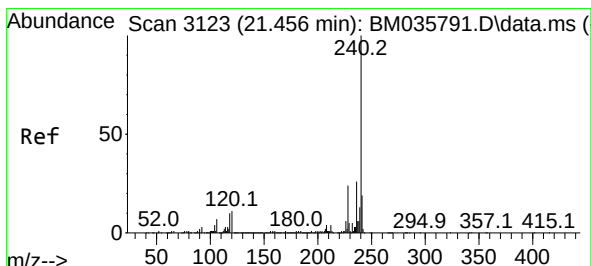
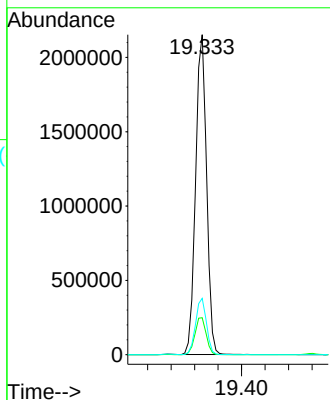
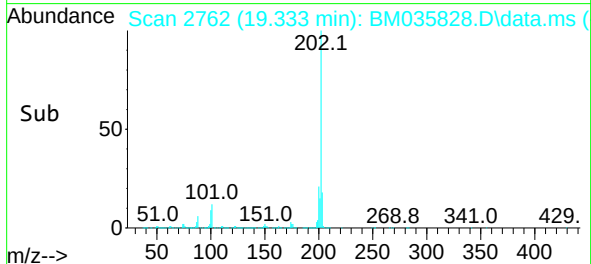
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



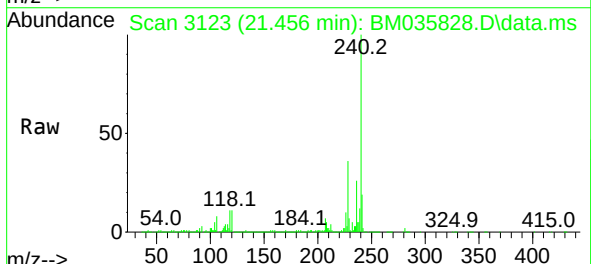
Tgt Ion:202 Resp: 278317  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 30.6  
203 17.6 0.0 37.4

Manual Integrations  
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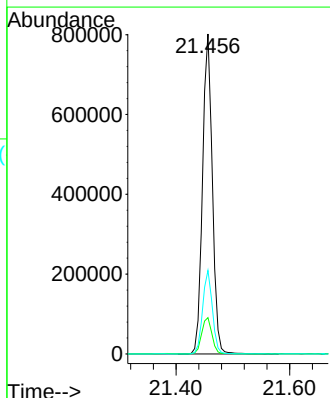
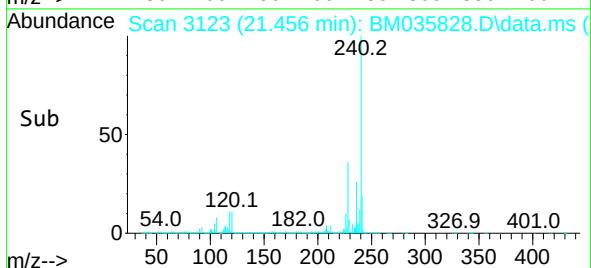
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

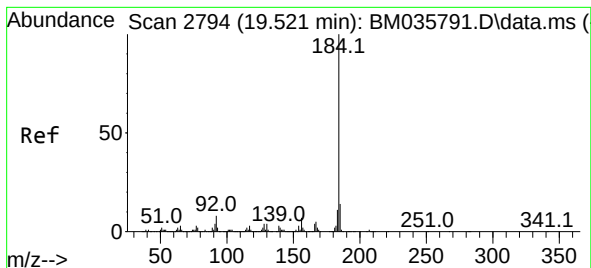


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.456 min Scan# 3123  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



Tgt Ion:240 Resp: 960641  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.4 14.0  
236 26.1 20.6 30.8





#77

Benzidine

Concen: 106.122 ng

RT: 19.521 min Scan# 2794

Delta R.T. 0.000 min

Lab File: BM035828.D

Acq: 15 Jul 2022 13:10

Instrument :

BNA\_M

ClientSampleId :

PB146188BS

Tgt Ion:184 Resp: 1427210

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

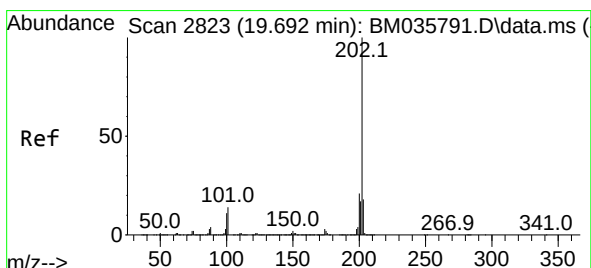
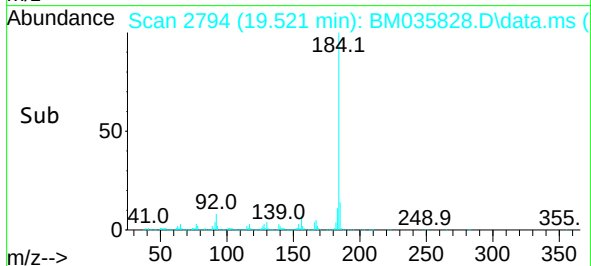
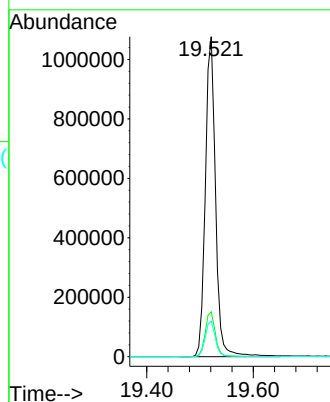
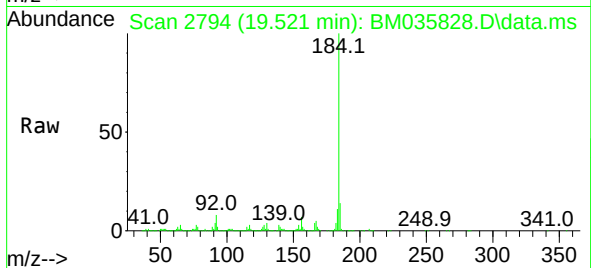
183 11.1 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#78

Pyrene

Concen: 47.498 ng

RT: 19.692 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BM035828.D

Acq: 15 Jul 2022 13:10

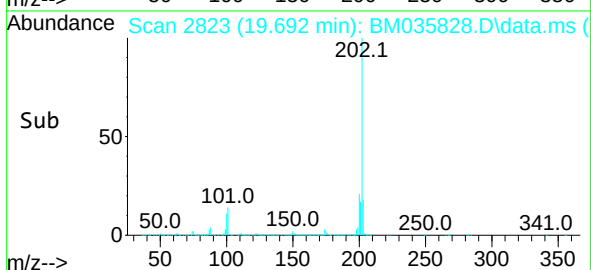
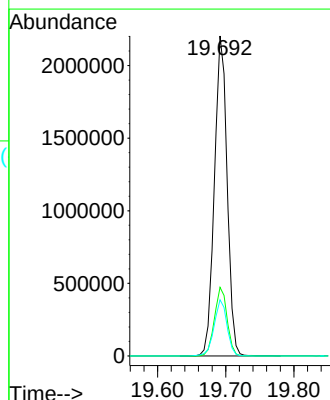
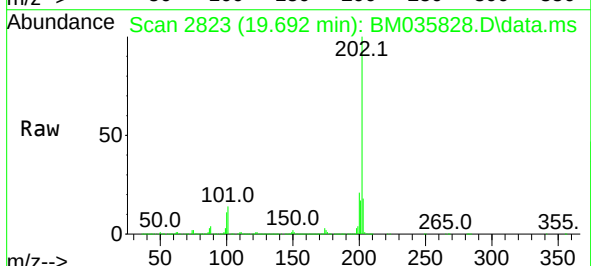
Tgt Ion:202 Resp: 2865475

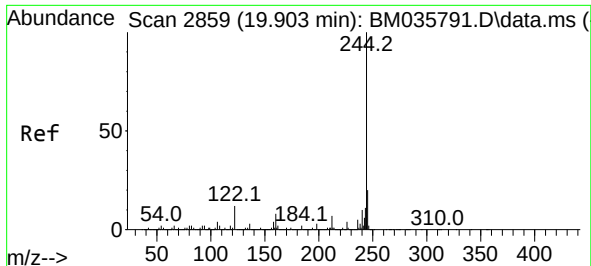
Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

203 17.6 13.9 20.9





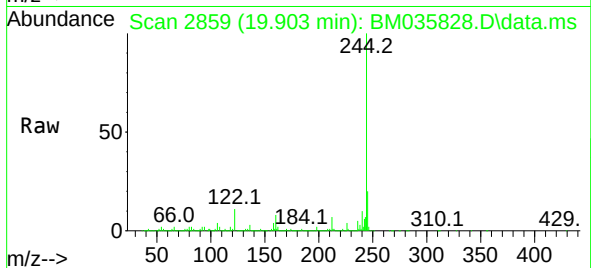
#79  
 Terphenyl-d14  
 Concen: 89.089 ng  
 RT: 19.903 min Scan# 2859  
 Delta R.T. 0.000 min  
 Lab File: BM035828.D  
 Acq: 15 Jul 2022 13:10

Instrument :

BNA\_M

ClientSampleId :

PB146188BS

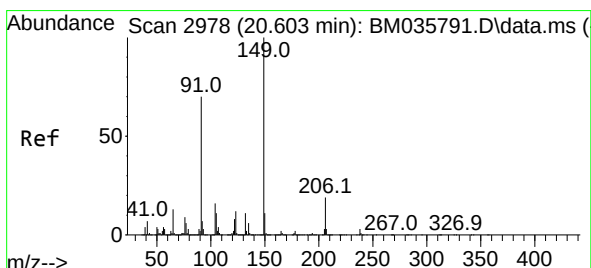
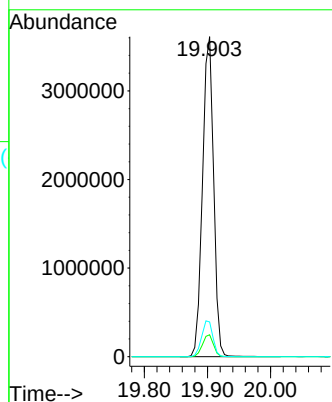
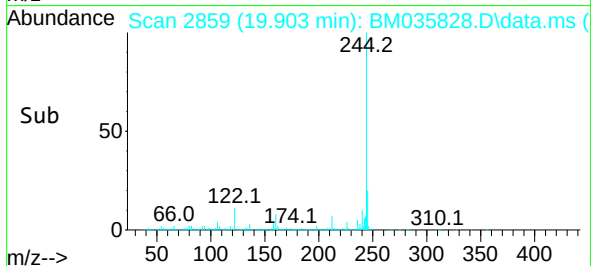


Tgt Ion:244 Resp: 440878  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.2 9.4  
 122 10.8 8.3 12.5

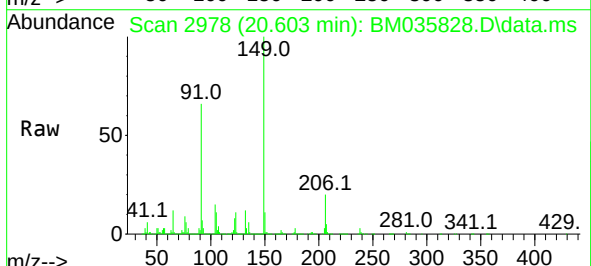
Manual Integrations

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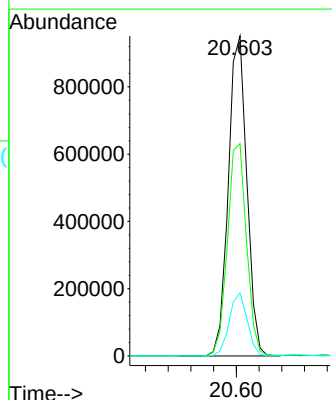
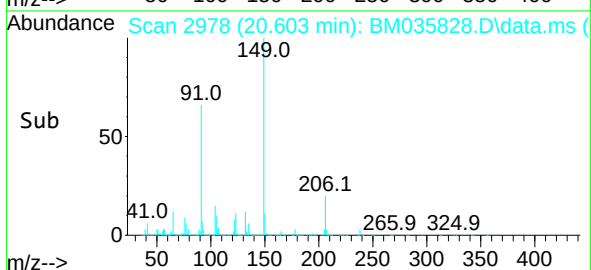
Reviewed By :Christian Giraldo 07/18/2022  
 Supervised By :Jagrut Upadhyay 07/18/2022

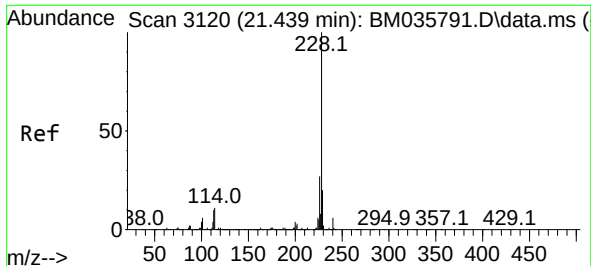


#80  
 Butylbenzylphthalate  
 Concen: 50.117 ng  
 RT: 20.603 min Scan# 2978  
 Delta R.T. 0.000 min  
 Lab File: BM035828.D  
 Acq: 15 Jul 2022 13:10



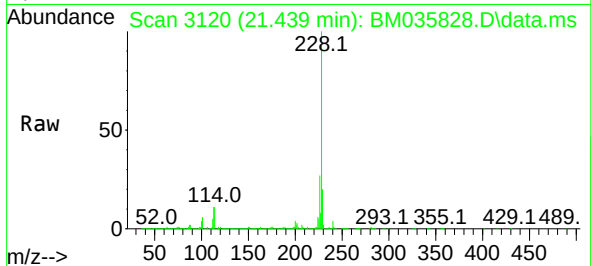
Tgt Ion:149 Resp: 1073819  
 Ion Ratio Lower Upper  
 149 100  
 91 66.4 56.6 85.0  
 206 19.7 15.4 23.0





#81  
Benzo(a)anthracene  
Concen: 46.111 ng  
RT: 21.439 min Scan# 3120  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

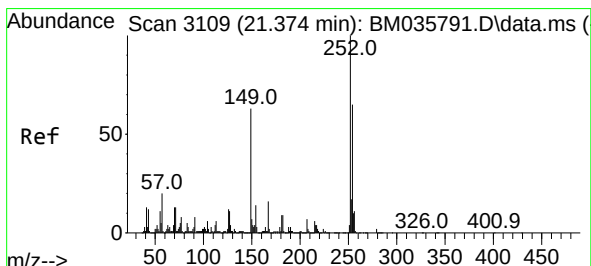
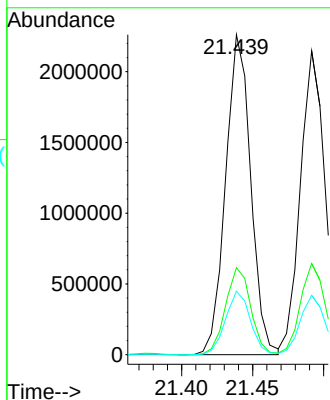
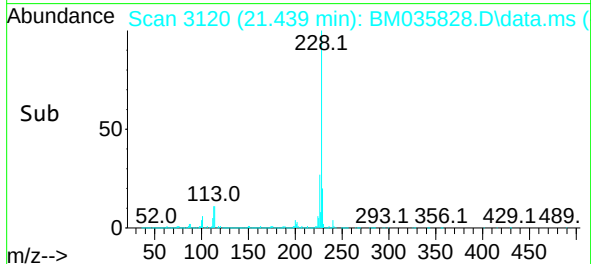
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



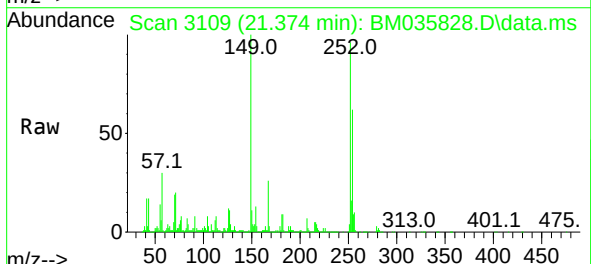
Tgt Ion:228 Resp: 2778774  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.3 33.5  
229 19.8 15.8 23.6

Manual Integrations  
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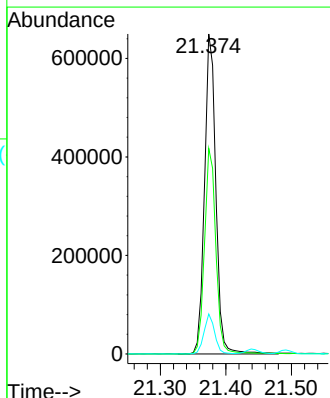
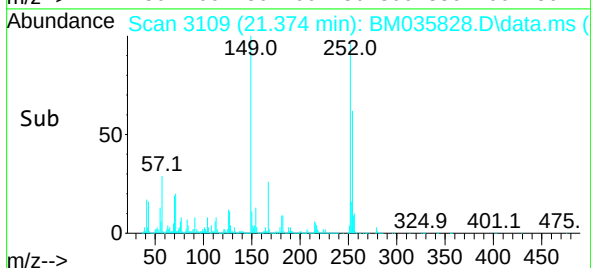
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

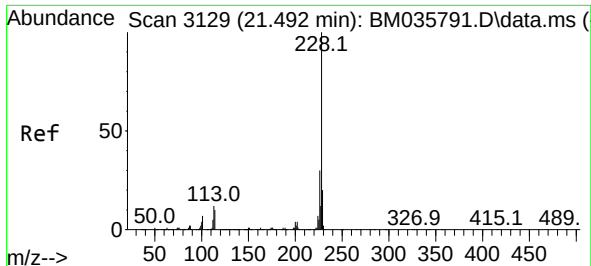


#82  
3,3'-Dichlorobenzidine  
Concen: 64.047 ng  
RT: 21.374 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



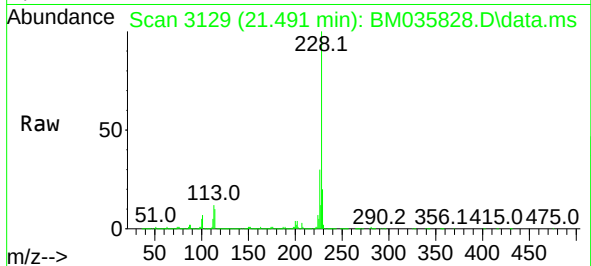
Tgt Ion:252 Resp: 782484  
Ion Ratio Lower Upper  
252 100  
254 64.3 51.7 77.5  
126 12.5 9.4 14.0





#83  
Chrysene  
Concen: 44.982 ng  
RT: 21.491 min Scan# 3129  
Delta R.T. -0.001 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

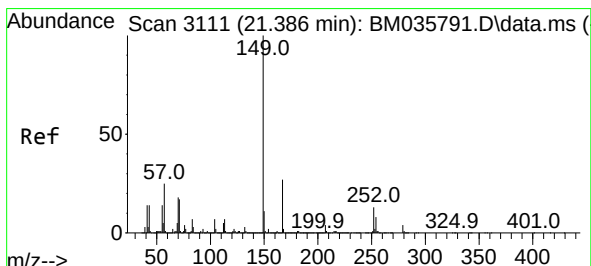
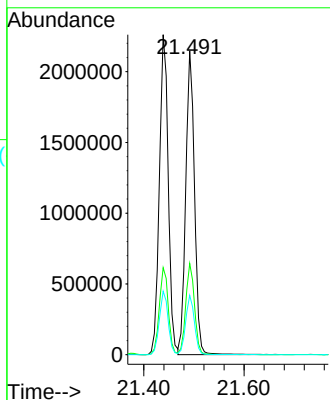
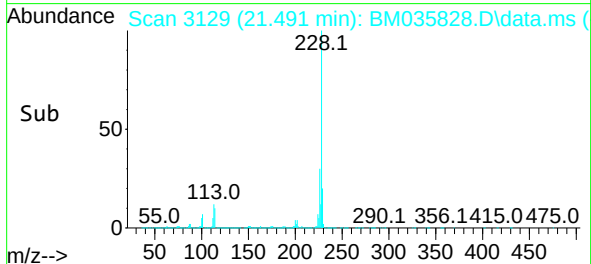
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



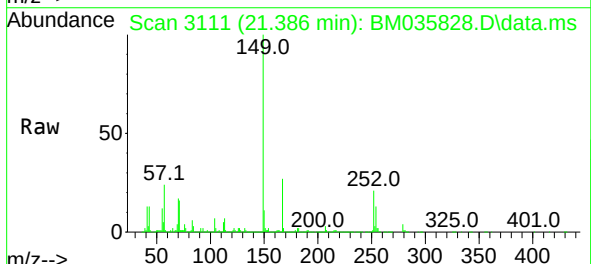
Tgt Ion:228 Resp: 261714  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.4 36.6  
229 19.6 15.8 23.8

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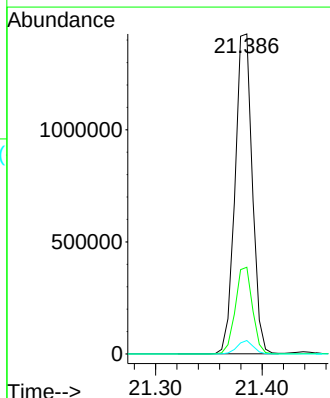
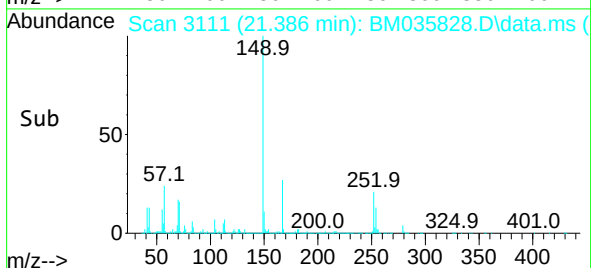
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

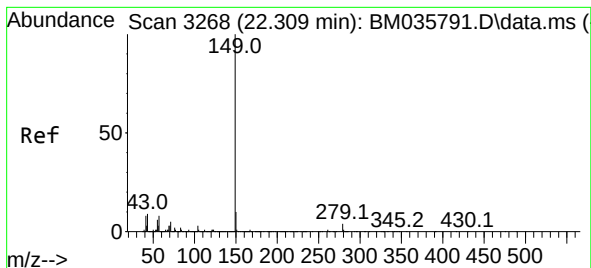


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.860 ng  
RT: 21.386 min Scan# 3111  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



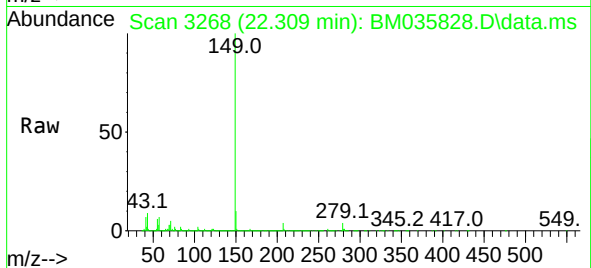
Tgt Ion:149 Resp: 1608459  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.1 31.7  
279 4.2 2.8 4.2#





#85  
Di-n-octyl phthalate  
Concen: 54.513 ng  
RT: 22.309 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

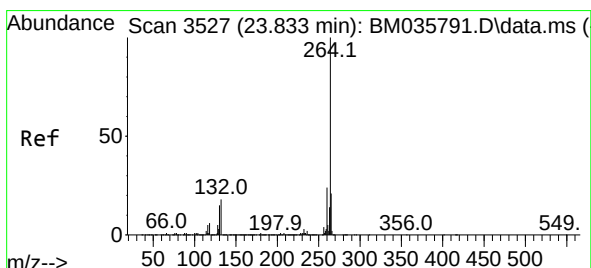
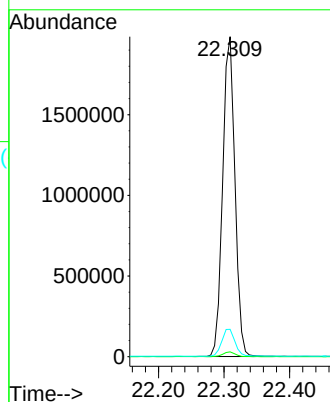
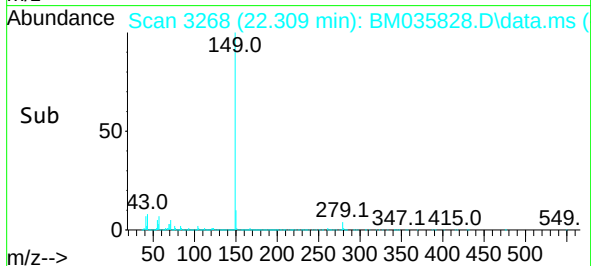
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



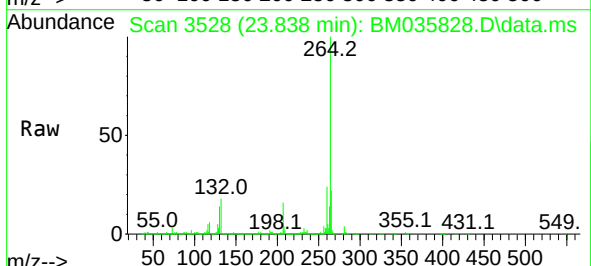
Tgt Ion:149 Resp: 256285  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 9.2 8.6 12.8

Manual Integrations  
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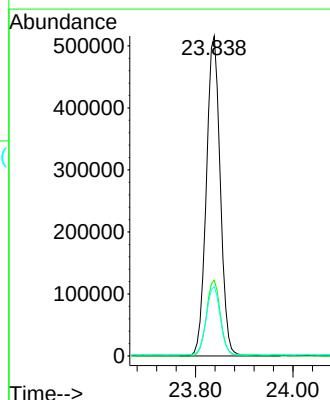
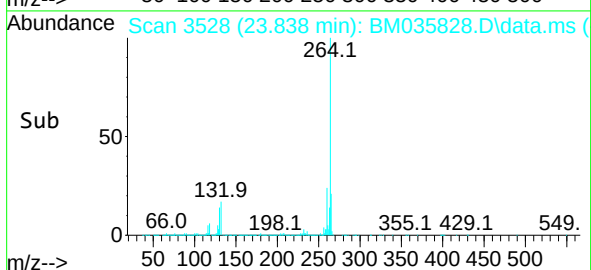
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

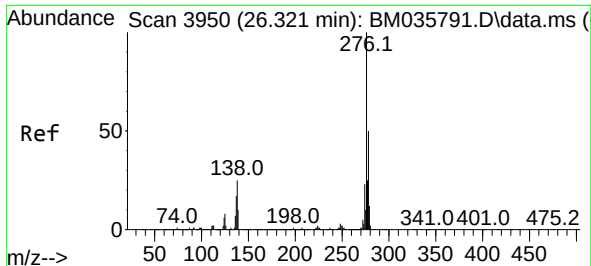


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.838 min Scan# 3528  
Delta R.T. 0.005 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



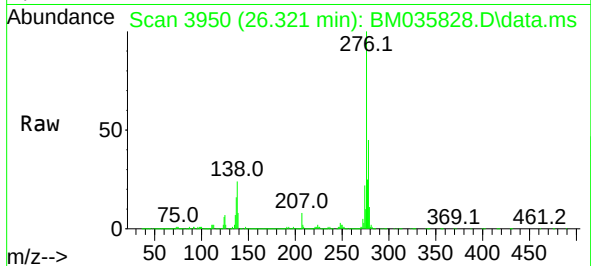
Tgt Ion:264 Resp: 1017711  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.9 28.3  
265 21.7 17.5 26.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.457 ng  
RT: 26.321 min Scan# 3405  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

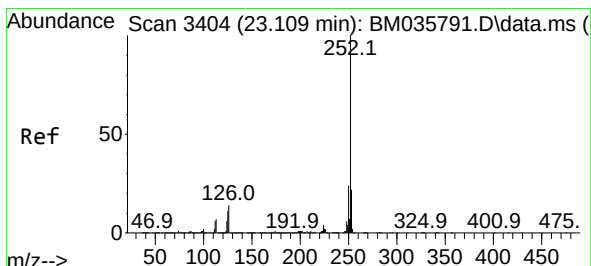
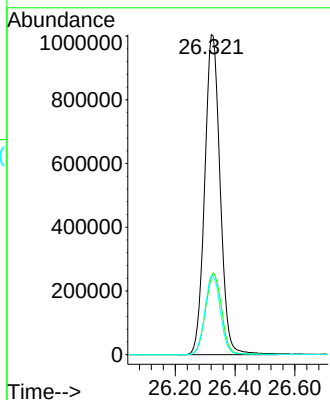
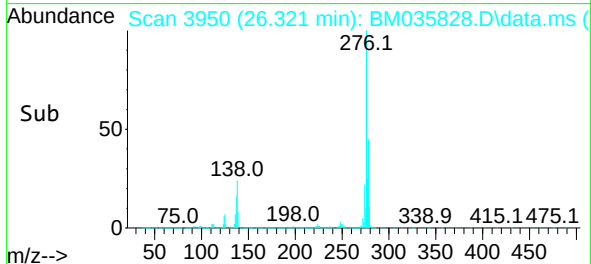
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



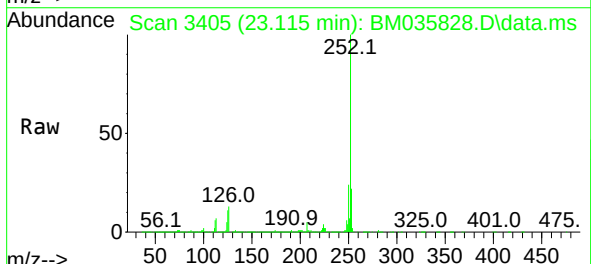
Tgt Ion:276 Resp: 3591198  
Ion Ratio Lower Upper  
276 100  
138 26.7 20.2 30.4  
277 25.1 20.2 30.2

Manual Integrations  
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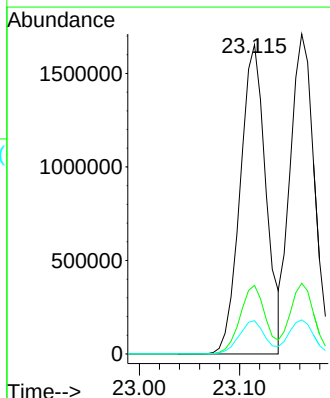
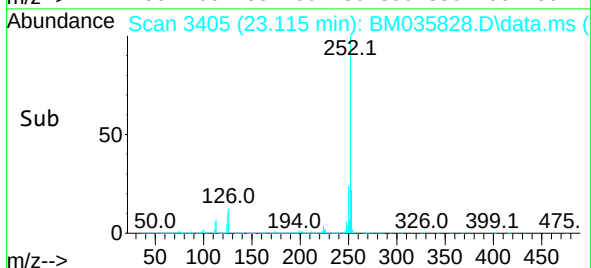
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

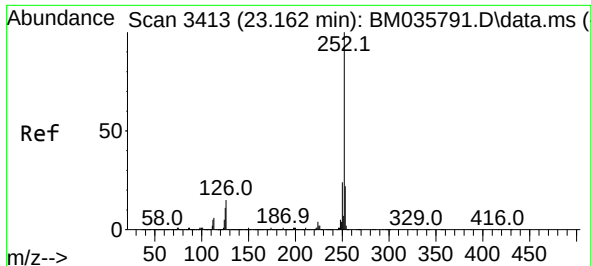


#88  
Benzo(b)fluoranthene  
Concen: 48.147 ng  
RT: 23.115 min Scan# 3405  
Delta R.T. 0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



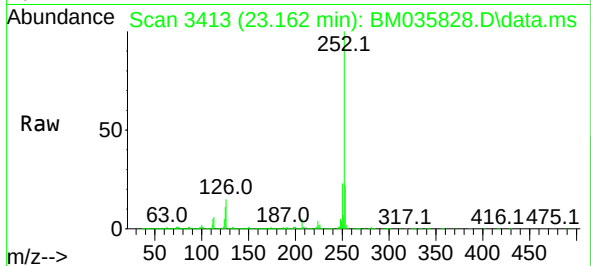
Tgt Ion:252 Resp: 2959489  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 10.8 7.6 11.4





#89  
Benzo(k)fluoranthene  
Concen: 44.999 ng  
RT: 23.162 min Scan# 3413  
Delta R.T. -0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

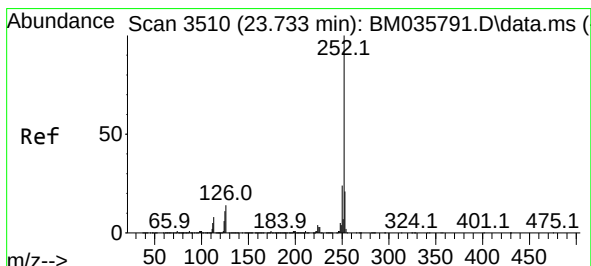
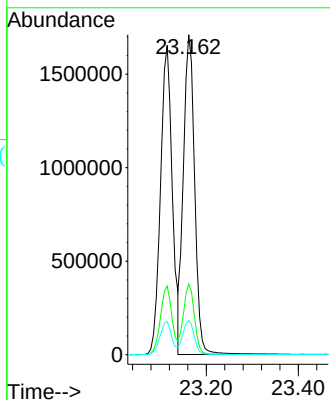
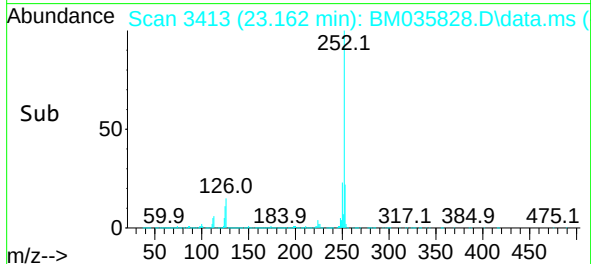
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



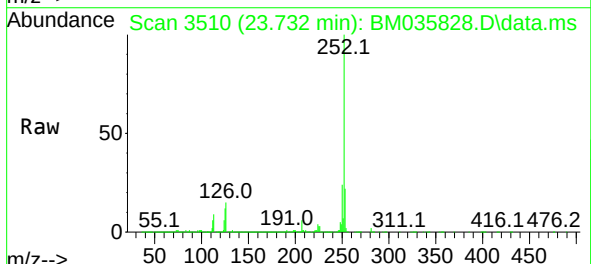
Tgt Ion:252 Resp: 289310  
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252 100  
253 22.1 17.5 26.3  
125 10.6 7.6 11.4

Manual Integrations  
APPROVED

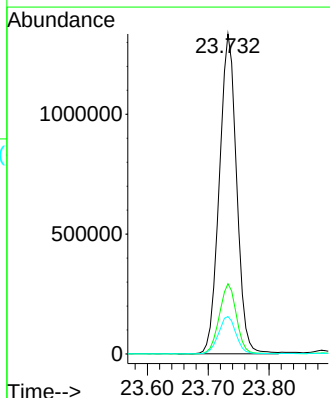
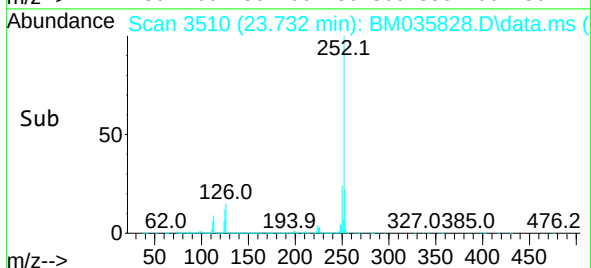
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



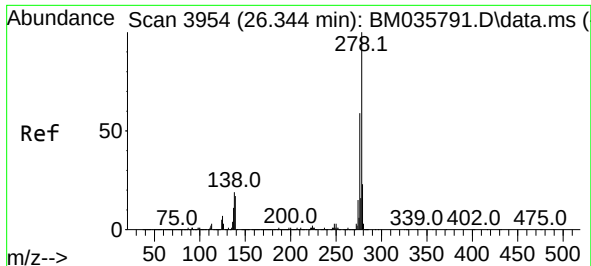
#90  
Benzo(a)pyrene  
Concen: 51.120 ng  
RT: 23.732 min Scan# 3510  
Delta R.T. -0.001 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



Tgt Ion:252 Resp: 2629144  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.2 25.8  
125 11.7 8.7 13.1

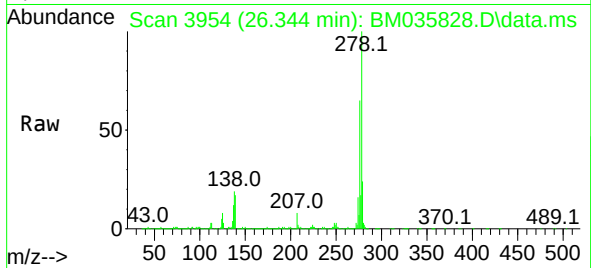






#91  
Dibenzo(a,h)anthracene  
Concen: 50.857 ng  
RT: 26.344 min Scan# 3954  
Delta R.T. 0.000 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10

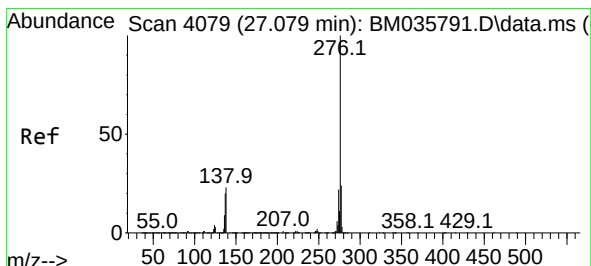
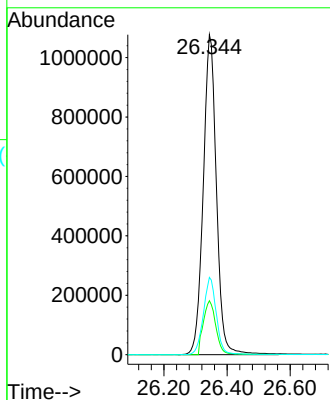
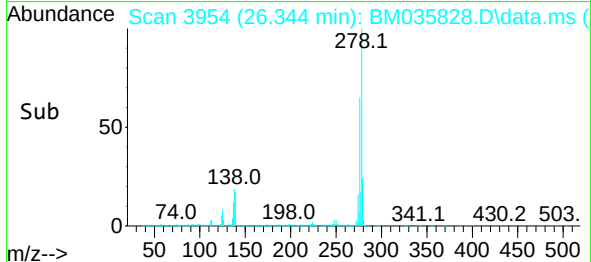
Instrument :  
BNA\_M  
ClientSampleId :  
PB146188BS



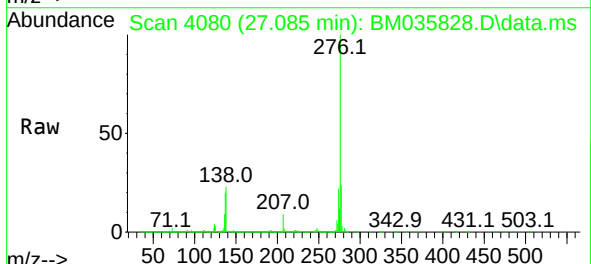
Tgt Ion:278 Resp: 312666  
Ion Ratio Lower Upper  
278 100  
139 16.9 12.9 19.3  
279 24.2 18.7 28.1

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#92  
Benzo(g,h,i)perylene  
Concen: 51.493 ng  
RT: 27.085 min Scan# 4080  
Delta R.T. 0.006 min  
Lab File: BM035828.D  
Acq: 15 Jul 2022 13:10



Tgt Ion:276 Resp: 3123585  
Ion Ratio Lower Upper  
276 100  
277 24.3 18.7 28.1  
138 22.7 17.6 26.4

