

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051223\  
 Data File : BM039915.D  
 Acq On : 12 May 2023 12:48  
 Operator : CG/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

Quant Time: May 13 01:03:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM051223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 13 01:00:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 355307   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.854 | 136  | 1614935  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.671 | 164  | 966284   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.412 | 188  | 1988899  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.589 | 240  | 1853809  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.047 | 264  | 1878601  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.572  | 112  | 434854   | 19.889 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.178  | 99   | 573534   | 19.687 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.201  | 82   | 476533   | 17.282 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.148 | 330  | 222330   | 14.694 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.301 | 172  | 1418719  | 18.781 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.030 | 244  | 2077793  | 20.285 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.431  | 88   | 88907    | 10.763 | ng    | 99       |
| 3) Pyridine                   | 3.843  | 79   | 233345   | 10.103 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.749  | 42   | 88909    | 10.562 | ng    | # 97     |
| 6) Aniline                    | 7.348  | 93   | 356635   | 9.844  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.590  | 128  | 234782   | 9.598  | ng    | 96       |
| 9) Benzaldehyde               | 7.166  | 77   | 193862   | 14.010 | ng    | 99       |
| 10) Phenol                    | 7.207  | 94   | 292324   | 9.986  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.454  | 93   | 250895   | 10.234 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.925  | 146  | 254784   | 10.065 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.072  | 146  | 260373   | 10.028 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.389  | 146  | 257702   | 10.037 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.272  | 79   | 178751   | 9.212  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.572  | 45   | 288292   | 10.591 | ng    | 99       |
| 17) 2-Methylphenol            | 8.472  | 107  | 209435   | 9.737  | ng    | 98       |
| 18) Hexachloroethane          | 9.125  | 117  | 85366    | 9.449  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.842  | 70   | 192987   | 9.981  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.795  | 107  | 269970   | 9.441  | ng    | 97       |
| 22) Acetophenone              | 8.860  | 105  | 408733   | 9.596  | ng    | # 98     |
| 24) Nitrobenzene              | 9.242  | 77   | 256980   | 9.219  | ng    | 95       |
| 25) Isophorone                | 9.766  | 82   | 539349   | 9.497  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.960  | 139  | 59466    | 6.084  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.013 | 122  | 216530   | 8.964  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.260 | 93   | 332771   | 9.561  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.489 | 162  | 199047   | 8.675  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.713 | 180  | 227849   | 9.083  | ng    | 99       |
| 31) Naphthalene               | 10.901 | 128  | 846303   | 9.659  | ng    | 99       |
| 32) Benzoic acid              | 10.083 | 122  | 50970    | 3.971  | ng    | 92       |
| 33) 4-Chloroaniline           | 11.007 | 127  | 353988   | 9.230  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.189 | 225  | 129998   | 9.092  | ng    | 93       |
| 35) Caprolactam               | 11.760 | 113  | 58089    | 8.470  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.119 | 107  | 222709   | 9.080  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.507 | 142  | 572794   | 9.177  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.724 | 142  | 538698   | 9.162  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.866 | 216  | 247096   | 8.477  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.854 | 237  | 74119    | 5.677  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.101 | 196  | 144592   | 8.119  | ng    | 97       |

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM051223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 13 01:00:49 2023  
 Response via : Initial Calibration

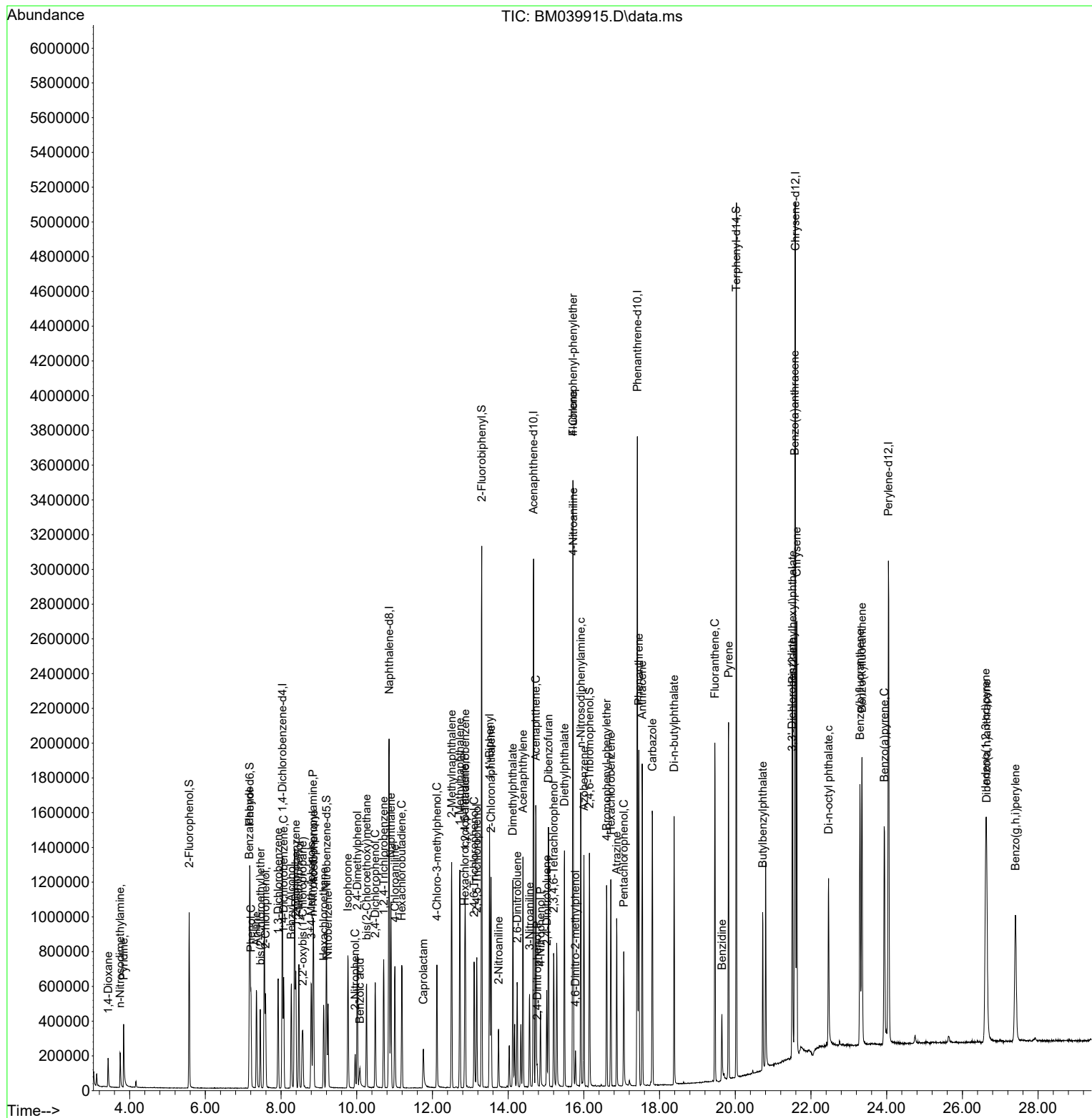
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.172 | 196  | 175147   | 8.336 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.507 | 154  | 731098   | 9.133 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.548 | 162  | 543569   | 9.155 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.748 | 65   | 77559    | 6.662 | ng    | 96       |
| 49) Acenaphthylene            | 14.389 | 152  | 876504   | 9.154 | ng    | 98       |
| 50) Dimethylphthalate         | 14.124 | 163  | 691160   | 9.172 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.242 | 165  | 105040   | 7.786 | ng    | 91       |
| 52) Acenaphthene              | 14.730 | 154  | 552917   | 9.077 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.566 | 138  | 119657   | 7.714 | ng #  | 97       |
| 54) 2,4-Dinitrophenol         | 14.766 | 184  | 22651    | 4.514 | ng #  | 86       |
| 55) Dibenzofuran              | 15.065 | 168  | 866868   | 9.323 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.854 | 139  | 94994    | 7.265 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 15.018 | 165  | 119441   | 6.984 | ng    | 90       |
| 58) Fluorene                  | 15.713 | 166  | 713822   | 8.737 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.207 | 232  | 140087   | 8.115 | ng    | 96       |
| 60) Diethylphthalate          | 15.489 | 149  | 714401   | 9.195 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.713 | 204  | 344001   | 8.485 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.718 | 138  | 132509   | 7.796 | ng    | 92       |
| 63) Azobenzene                | 16.001 | 77   | 741475   | 9.975 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.777 | 198  | 35568    | 4.452 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 15.918 | 169  | 580381   | 8.468 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.601 | 248  | 184297   | 7.964 | ng #  | 93       |
| 68) Hexachlorobenzene         | 16.712 | 284  | 228562   | 8.389 | ng    | 94       |
| 69) Atrazine                  | 16.865 | 200  | 144066   | 8.226 | ng    | 97       |
| 70) Pentachlorophenol         | 17.054 | 266  | 121506   | 6.899 | ng    | 98       |
| 71) Phenanthrene              | 17.454 | 178  | 1057536  | 9.007 | ng    | 100      |
| 72) Anthracene                | 17.542 | 178  | 1031817  | 8.781 | ng    | 99       |
| 73) Carbazole                 | 17.812 | 167  | 935621   | 8.822 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.383 | 149  | 1017318  | 8.509 | ng    | 99       |
| 75) Fluoranthene              | 19.459 | 202  | 1026963  | 8.710 | ng    | 97       |
| 77) Benzidine                 | 19.648 | 184  | 229048   | 9.187 | ng    | 98       |
| 78) Pyrene                    | 19.824 | 202  | 1109568  | 8.431 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.724 | 149  | 221768   | 5.404 | ng #  | 84       |
| 81) Benzo(a)anthracene        | 21.571 | 228  | 1152074  | 9.046 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.500 | 252  | 231501   | 6.383 | ng #  | 97       |
| 83) Chrysene                  | 21.624 | 228  | 1073809  | 8.951 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.512 | 149  | 494182   | 6.682 | ng    | 94       |
| 85) Di-n-octyl phthalate      | 22.465 | 149  | 670695   | 6.182 | ng #  | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.618 | 276  | 1109270  | 8.342 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.294 | 252  | 1000385  | 8.155 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.347 | 252  | 1044535  | 7.893 | ng #  | 98       |
| 90) Benzo(a)pyrene            | 23.936 | 252  | 904906   | 7.981 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.641 | 278  | 944081   | 8.185 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 27.400 | 276  | 863817   | 8.696 | ng    | 98       |

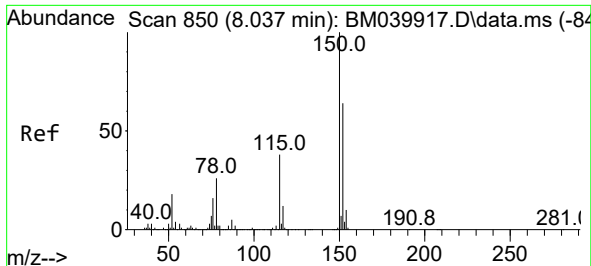
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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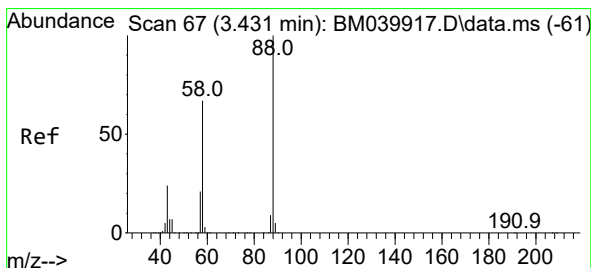
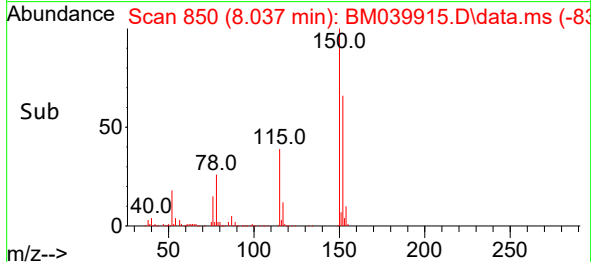
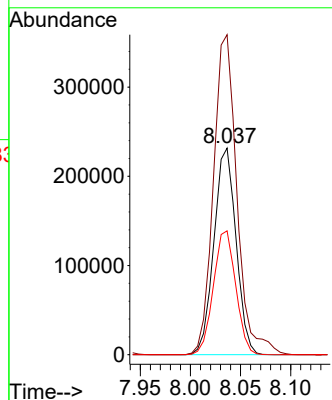
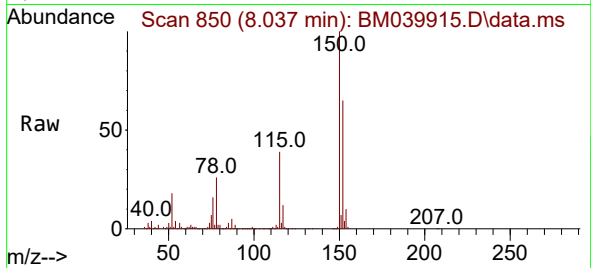




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.037 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BM039915.D  
 Acq: 12 May 2023 12:48

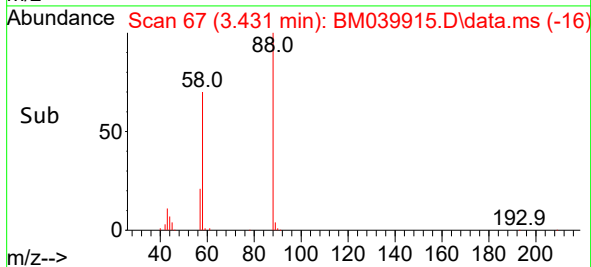
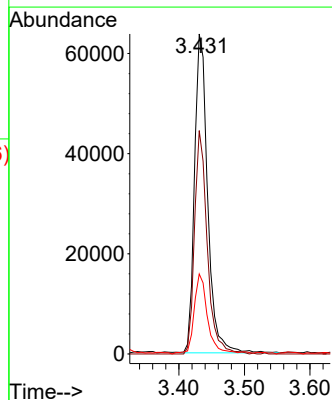
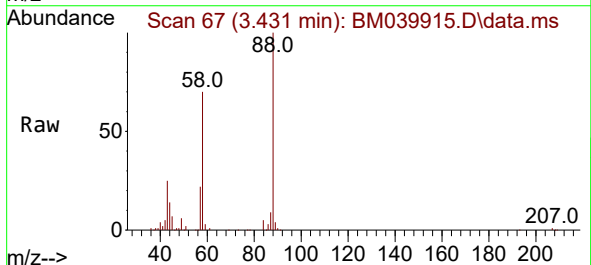
Instrument :  
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 ClientSampleId :  
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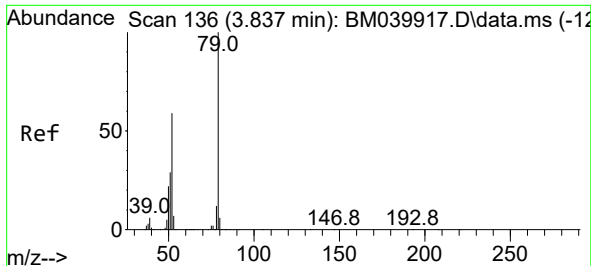
Tgt Ion:152 Resp: 355307  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 125.0 187.4  
 115 60.0 47.0 70.6



#2  
 1,4-Dioxane  
 Concen: 10.763 ng  
 RT: 3.431 min Scan# 67  
 Delta R.T. -0.000 min  
 Lab File: BM039915.D  
 Acq: 12 May 2023 12:48

Tgt Ion: 88 Resp: 88907  
 Ion Ratio Lower Upper  
 88 100  
 58 67.8 54.4 81.6  
 43 25.6 19.1 28.7

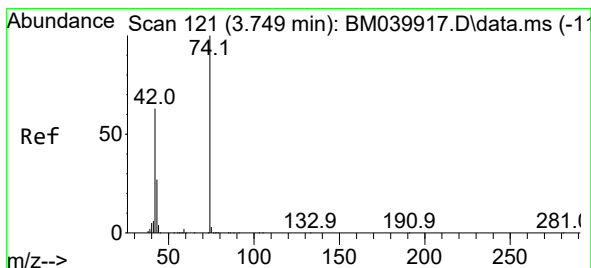
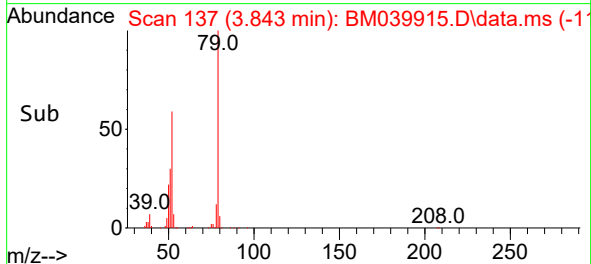
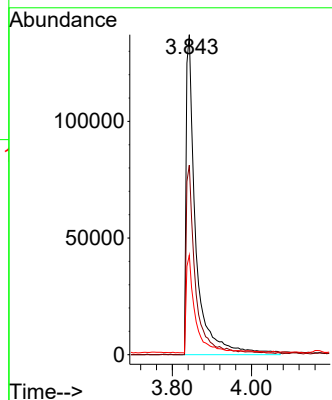
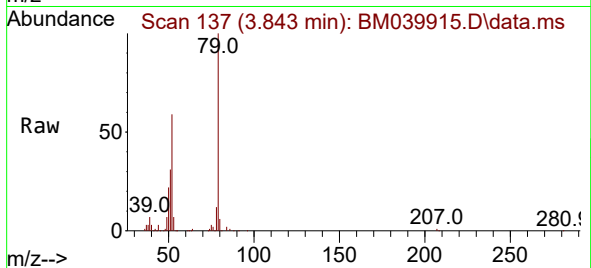




#3  
Pyridine  
Concen: 10.103 ng  
RT: 3.843 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

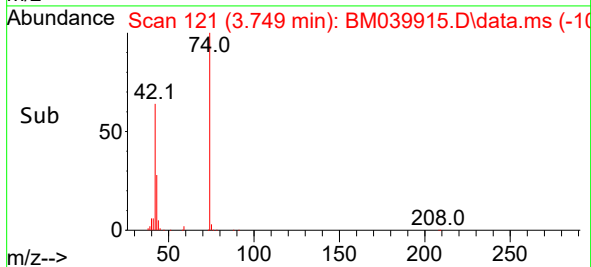
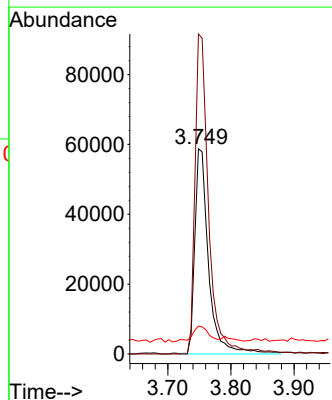
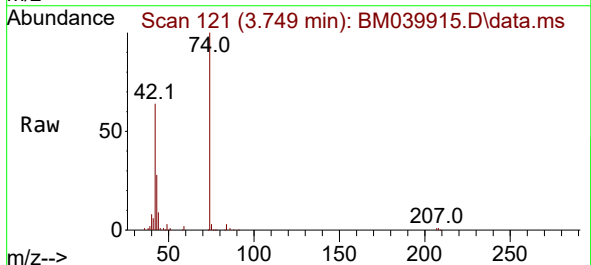
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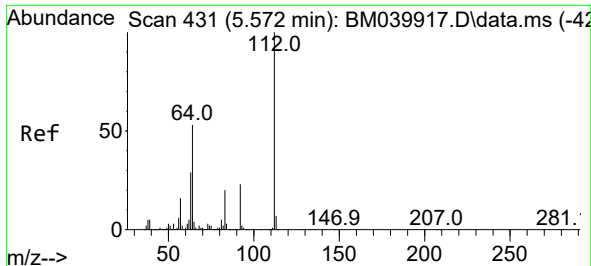
Tgt Ion: 79 Resp: 233345  
Ion Ratio Lower Upper  
79 100  
52 59.2 46.8 70.2  
51 31.1 23.6 35.4



#4  
n-Nitrosodimethylamine  
Concen: 10.562 ng  
RT: 3.749 min Scan# 121  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion: 42 Resp: 88909  
Ion Ratio Lower Upper  
42 100  
74 156.0 127.8 191.6  
44 13.6 5.8 8.8

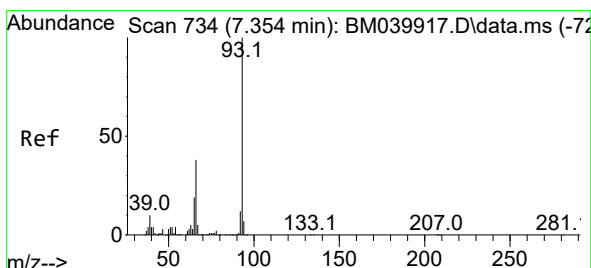
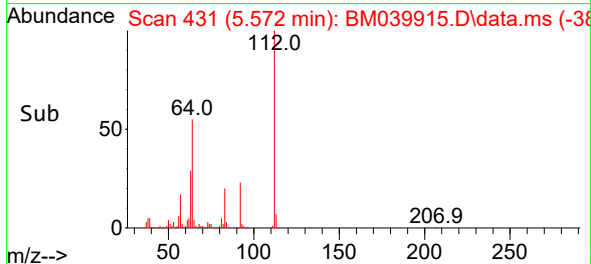
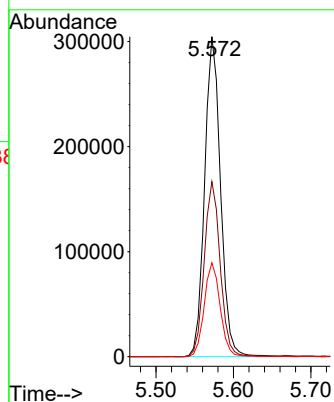
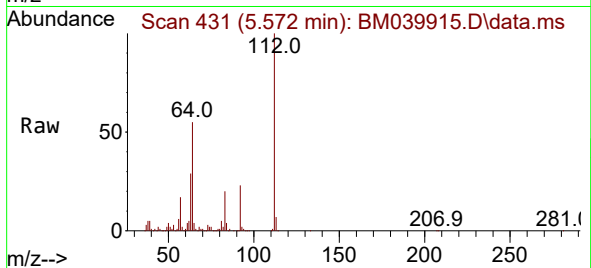




#5  
2-Fluorophenol  
Concen: 19.889 ng  
RT: 5.572 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

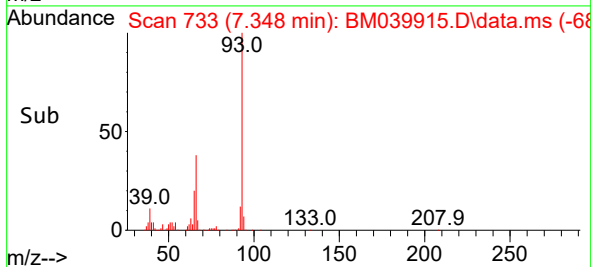
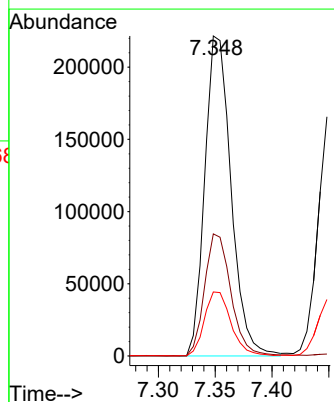
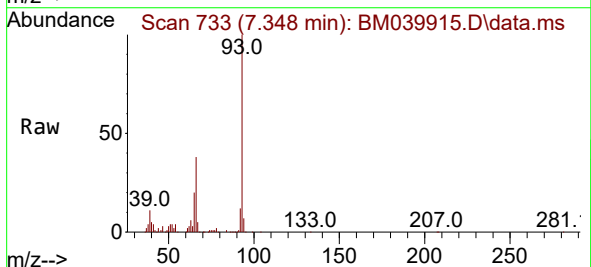
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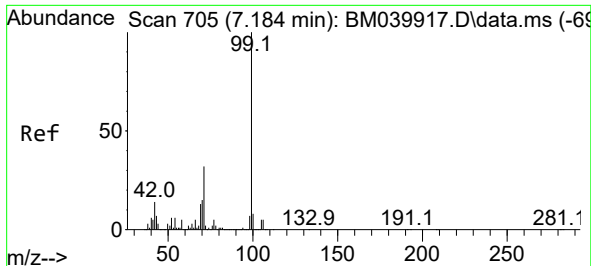
Tgt Ion:112 Resp: 434854  
Ion Ratio Lower Upper  
112 100  
64 54.7 42.6 64.0  
63 29.4 23.3 34.9



#6  
Aniline  
Concen: 9.844 ng  
RT: 7.348 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
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Tgt Ion: 93 Resp: 356635  
Ion Ratio Lower Upper  
93 100  
66 38.2 30.4 45.6  
65 20.0 15.5 23.3

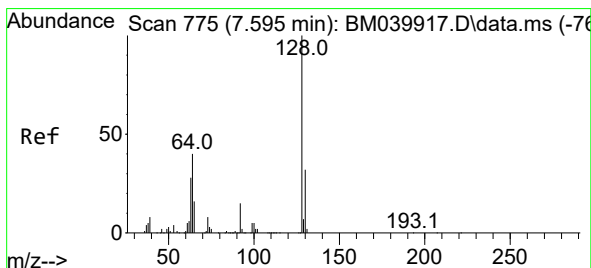
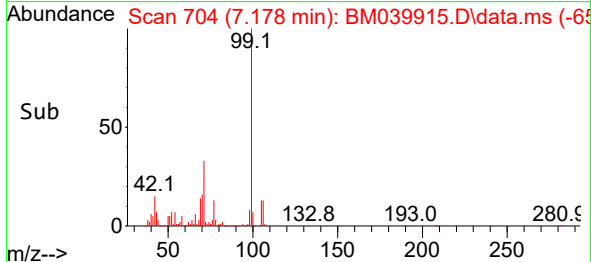
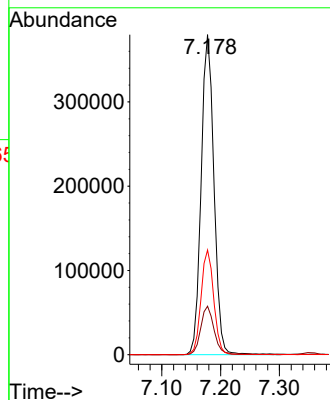
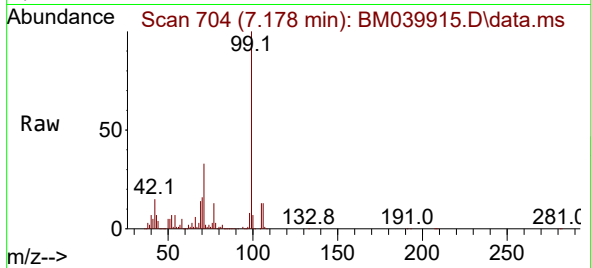




#7  
Phenol-d6  
Concen: 19.687 ng  
RT: 7.178 min Scan# 704  
Delta R.T. -0.006 min  
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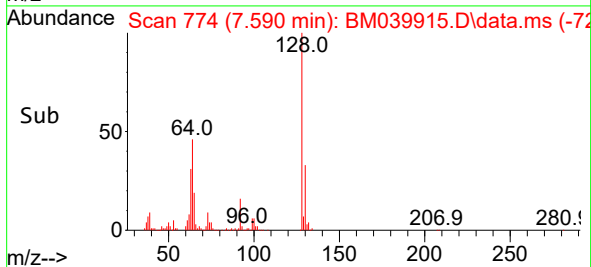
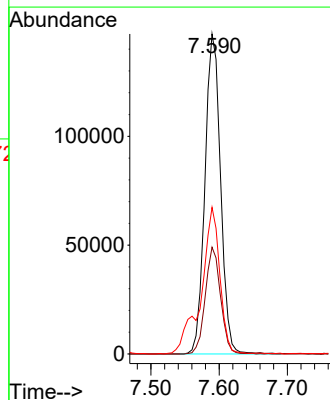
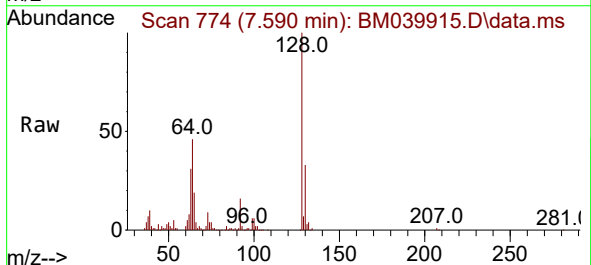
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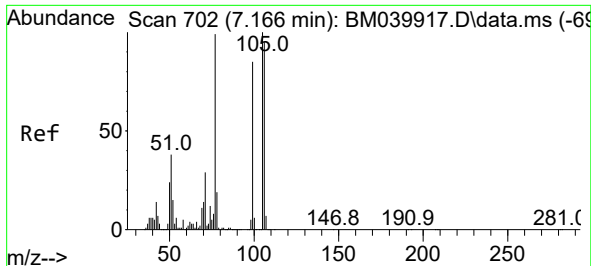
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Ion Ratio Lower Upper  
99 100  
42 15.1 11.5 17.3  
71 32.7 25.7 38.5



#8  
2-Chlorophenol  
Concen: 9.598 ng  
RT: 7.590 min Scan# 774  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion: 128 Resp: 234782  
Ion Ratio Lower Upper  
128 100  
130 33.4 12.3 52.3  
64 45.8 21.8 61.8

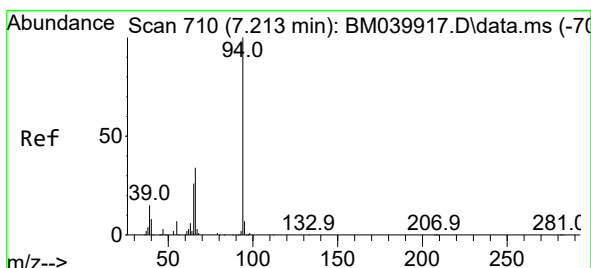
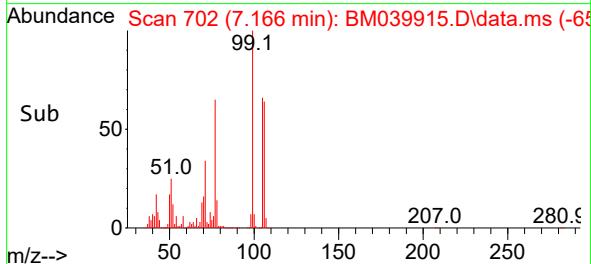
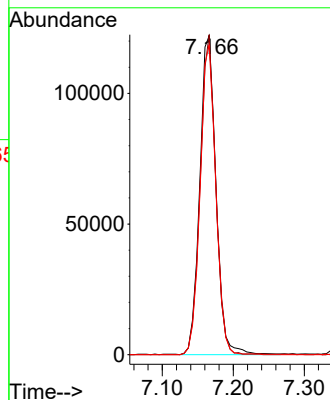
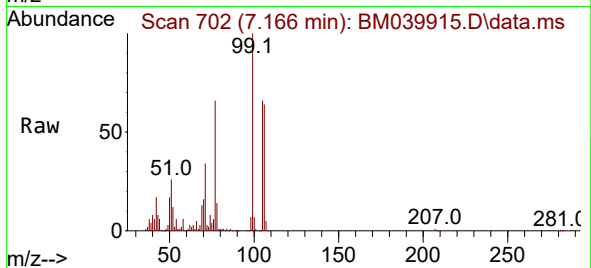




#9  
Benzaldehyde  
Concen: 14.010 ng  
RT: 7.166 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

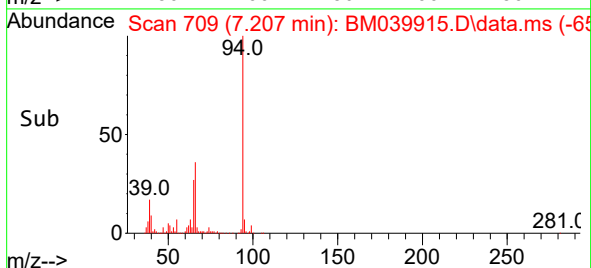
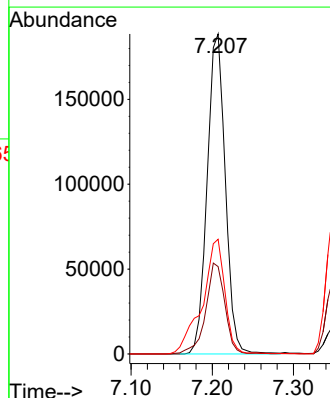
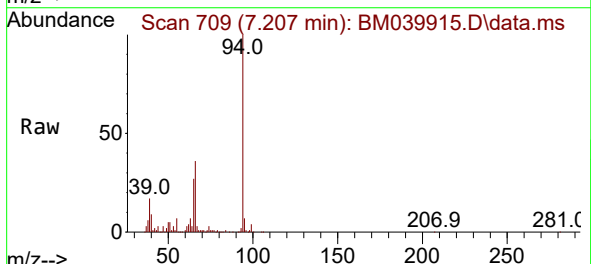
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

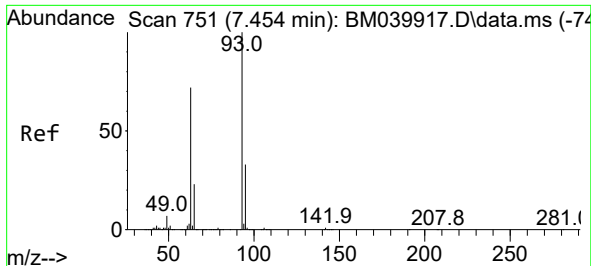
Tgt Ion: 77 Resp: 193862  
Ion Ratio Lower Upper  
77 100  
105 100.4 81.2 121.2  
106 97.1 76.2 116.2



#10  
Phenol  
Concen: 9.986 ng  
RT: 7.207 min Scan# 709  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion: 94 Resp: 292324  
Ion Ratio Lower Upper  
94 100  
65 27.3 6.4 46.4  
66 35.9 14.7 54.7

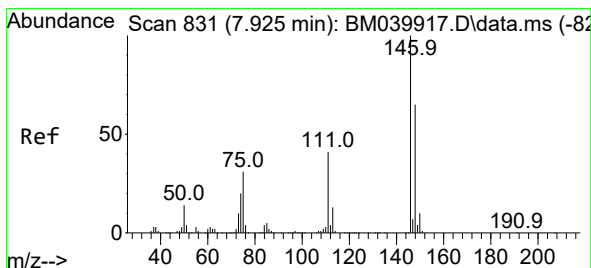
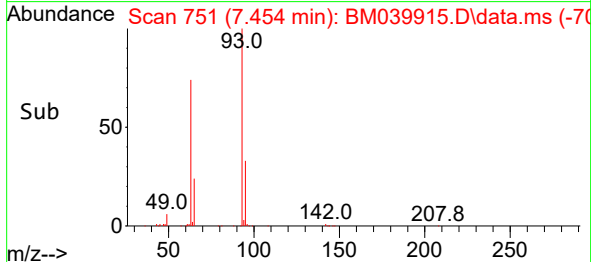
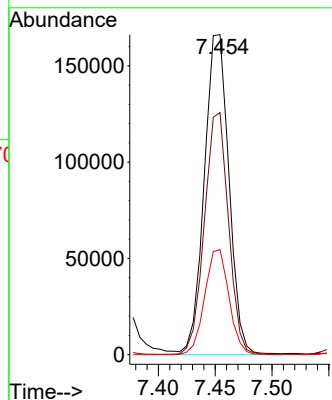
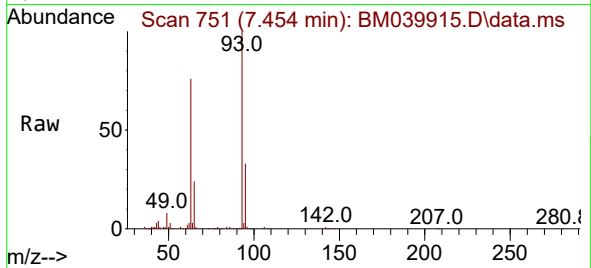




#11  
bis(2-Chloroethyl)ether  
Concen: 10.234 ng  
RT: 7.454 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

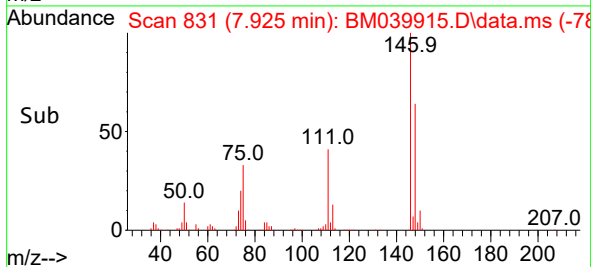
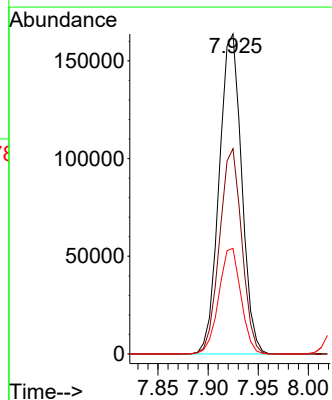
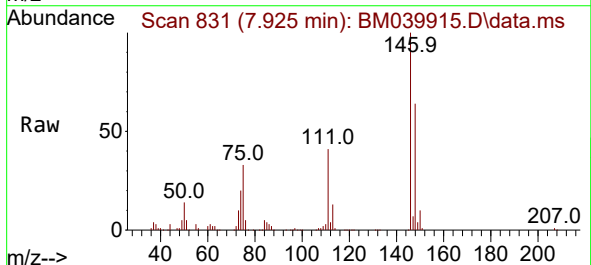
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

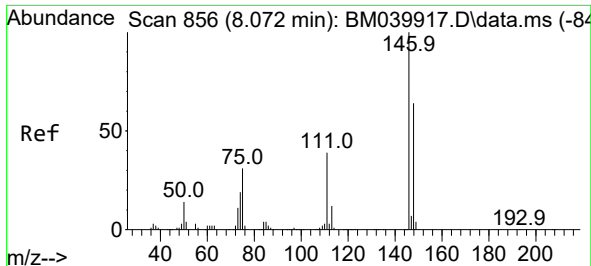
Tgt Ion: 93 Resp: 250895  
Ion Ratio Lower Upper  
93 100  
63 75.6 52.0 92.0  
95 32.9 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 10.065 ng  
RT: 7.925 min Scan# 831  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion: 146 Resp: 254784  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.7 77.5  
75 33.0 24.7 37.1

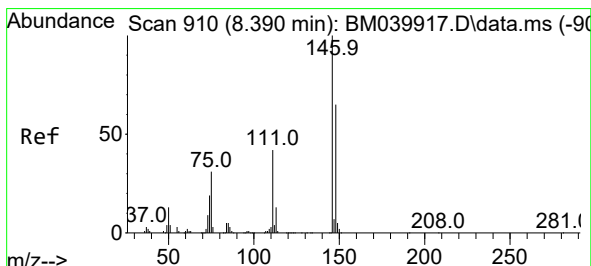
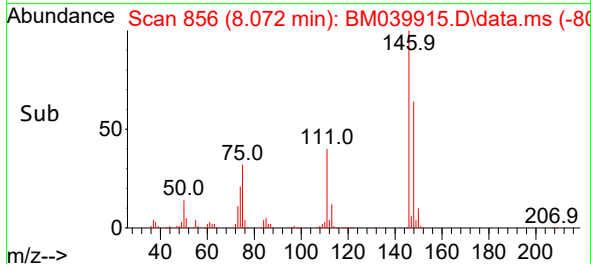
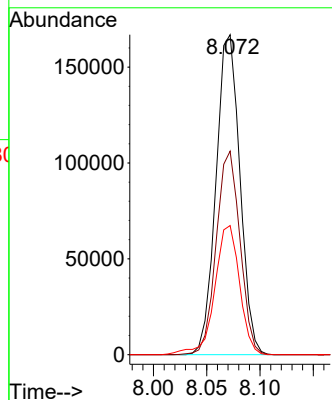
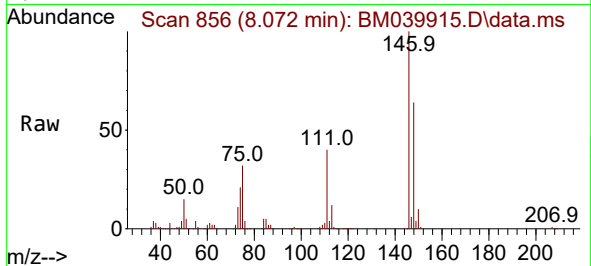




#13  
1,4-Dichlorobenzene  
Concen: 10.028 ng  
RT: 8.072 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

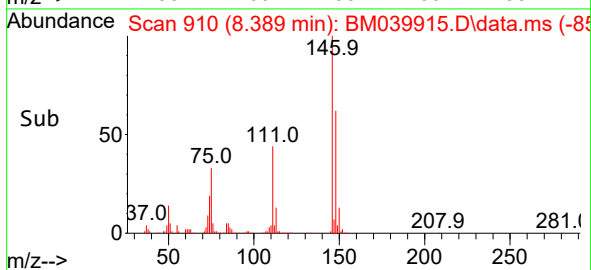
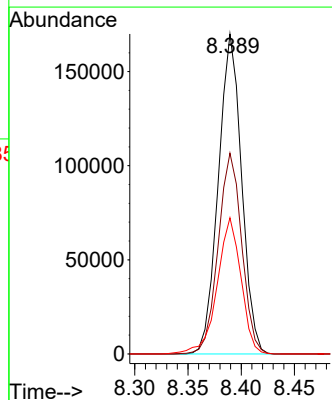
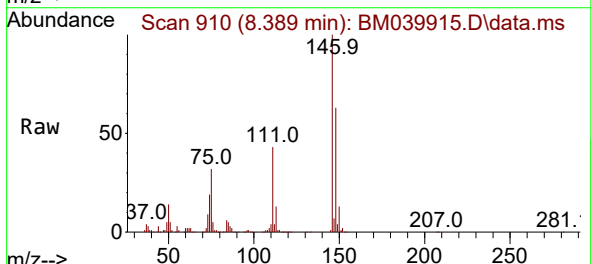
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

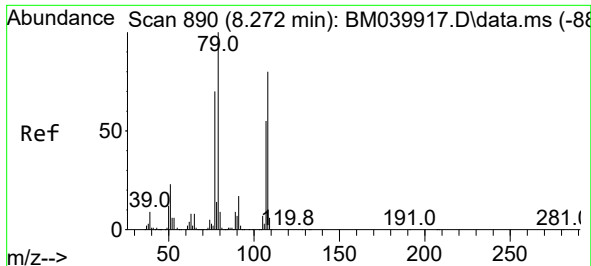
Tgt Ion:146 Resp: 260373  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.4 77.0  
111 40.3 31.5 47.3



#14  
1,2-Dichlorobenzene  
Concen: 10.037 ng  
RT: 8.389 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:146 Resp: 257702  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.9 77.9  
111 42.5 34.0 51.0

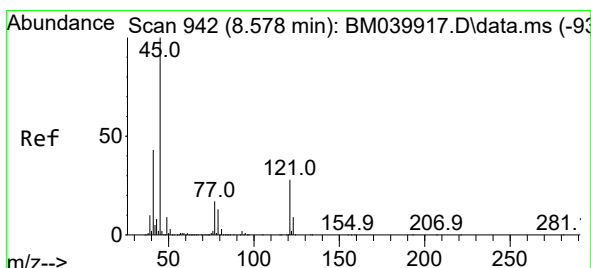
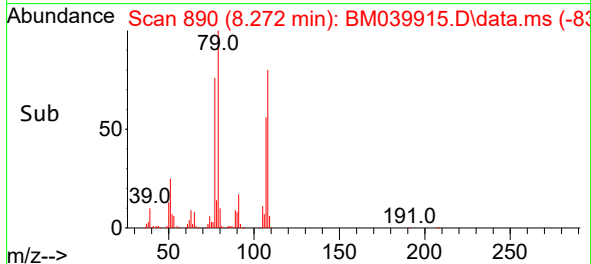
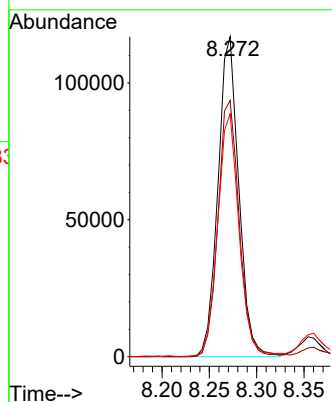
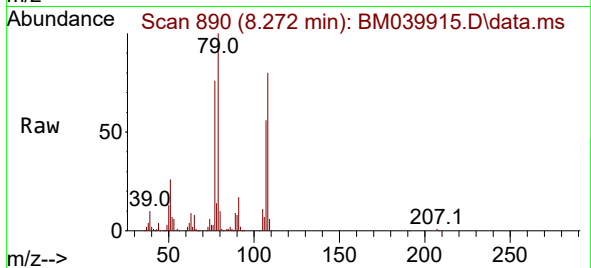




#15  
Benzyl Alcohol  
Concen: 9.212 ng  
RT: 8.272 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

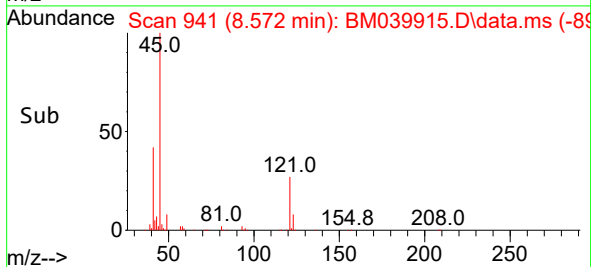
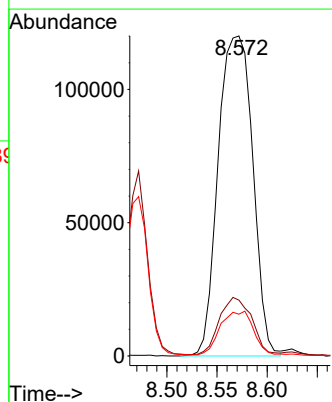
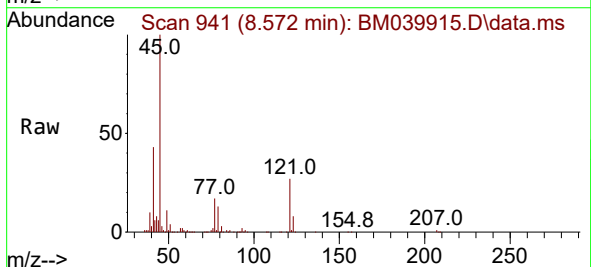
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

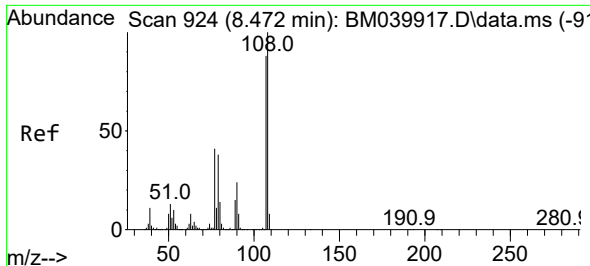
Tgt Ion: 79 Resp: 178751  
Ion Ratio Lower Upper  
79 100  
108 80.1 63.7 95.5  
77 75.9 55.8 83.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.591 ng  
RT: 8.572 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion: 45 Resp: 288292  
Ion Ratio Lower Upper  
45 100  
77 17.4 0.0 37.3  
79 13.0 0.0 33.6





#17

2-Methylphenol

Concen: 9.737 ng

RT: 8.472 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039915.D

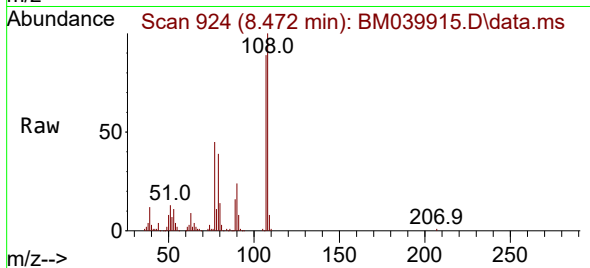
Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010



Tgt Ion:107 Resp: 209435

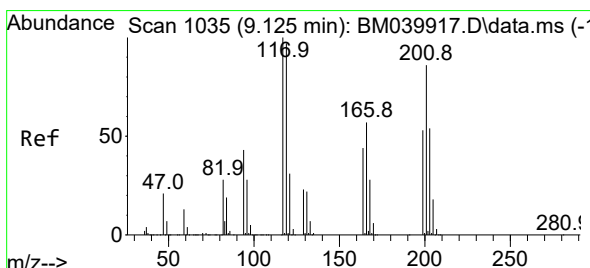
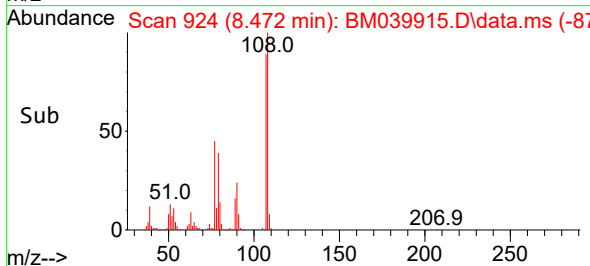
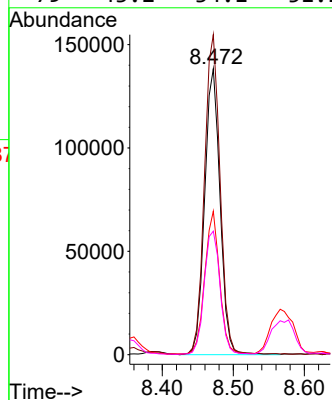
Ion Ratio Lower Upper

107 100

108 111.9 90.7 136.1

77 50.2 36.9 55.3

79 43.2 34.1 51.1



#18

Hexachloroethane

Concen: 9.449 ng

RT: 9.125 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

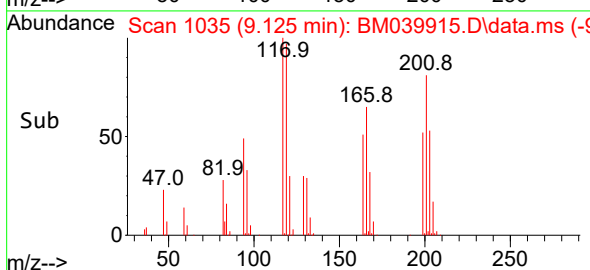
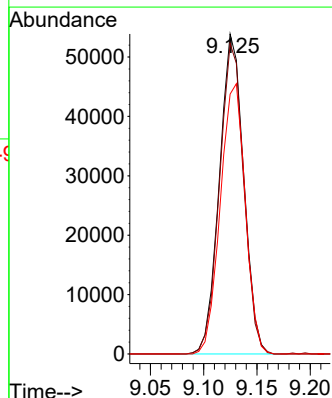
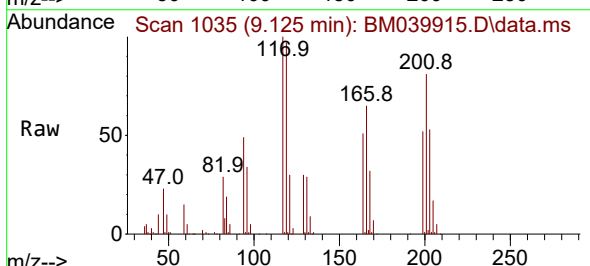
Tgt Ion:117 Resp: 85366

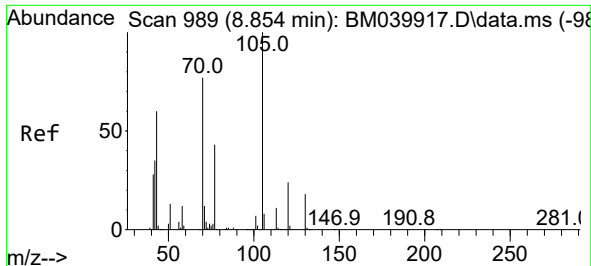
Ion Ratio Lower Upper

117 100

119 97.1 77.5 116.3

201 81.2 69.2 103.8



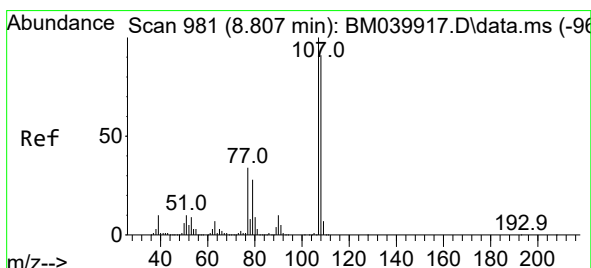
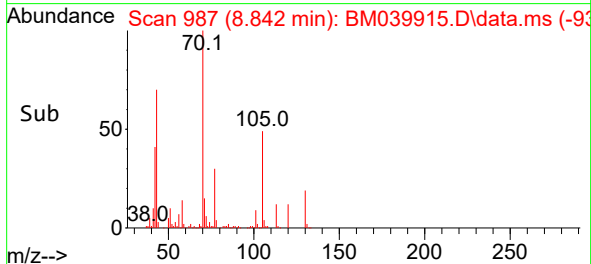
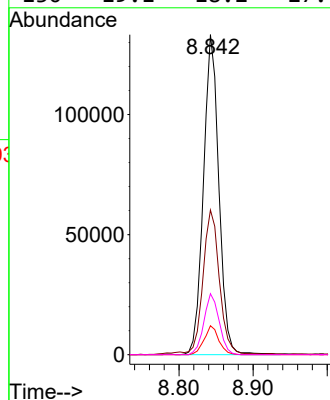
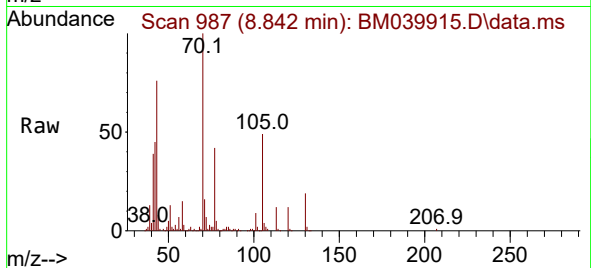


#19  
n-Nitroso-di-n-propylamine  
Concen: 9.981 ng  
RT: 8.842 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

Tgt Ion: 70 Resp: 192987

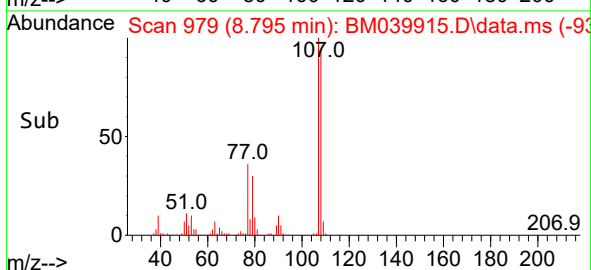
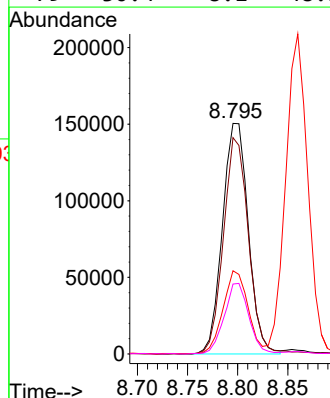
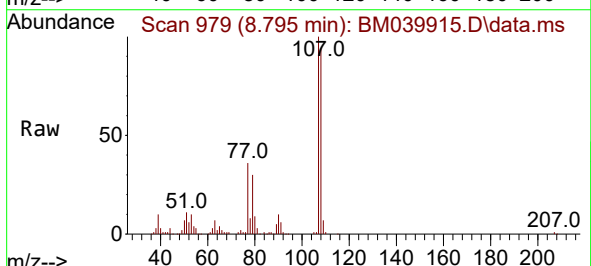
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 45.2  | 37.1  | 55.7  |
| 101 | 9.0   | 7.7   | 11.5  |
| 130 | 19.1  | 18.2  | 27.4  |

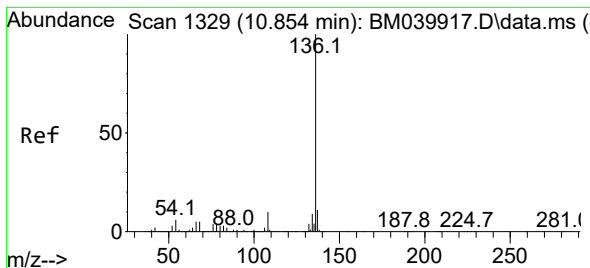


#20  
3+4-Methylphenols  
Concen: 9.441 ng  
RT: 8.795 min Scan# 979  
Delta R.T. -0.012 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion: 107 Resp: 269970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 93.8  | 71.0  | 111.0 |
| 77  | 36.1  | 13.7  | 53.7  |
| 79  | 30.4  | 8.1   | 48.1  |

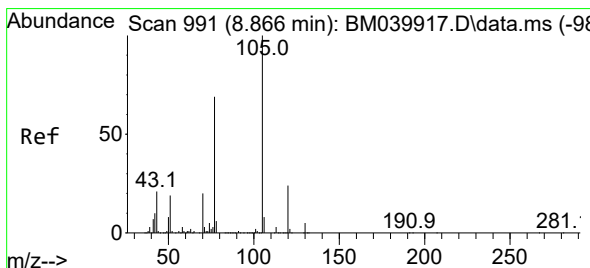
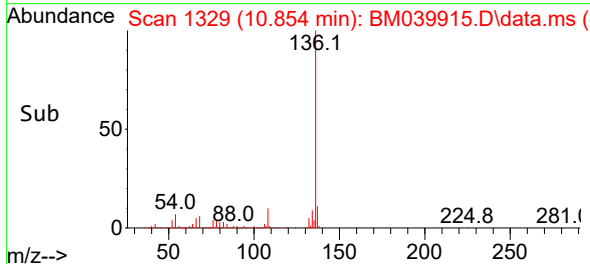
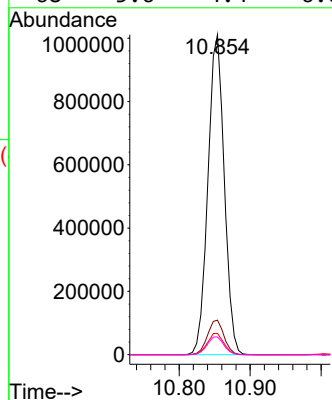
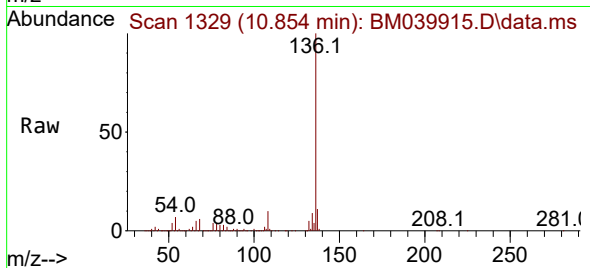




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.854 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

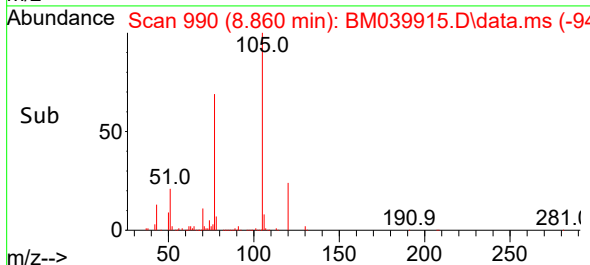
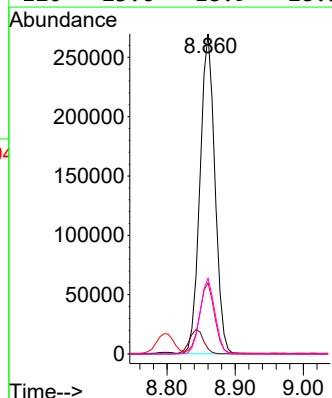
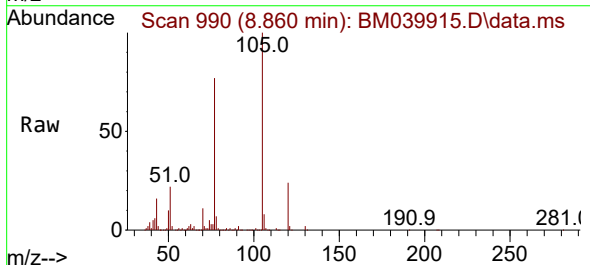
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

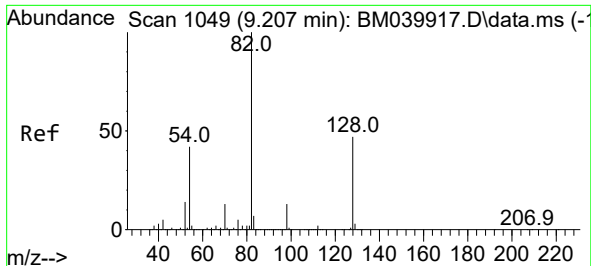
Tgt Ion:136 Resp: 1614935  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 6.7 5.2 7.8  
68 5.6 4.4 6.6



#22  
Acetophenone  
Concen: 9.596 ng  
RT: 8.860 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:105 Resp: 408733  
Ion Ratio Lower Upper  
105 100  
71 1.7 2.7 4.1#  
51 22.2 16.5 24.7  
120 23.6 18.9 28.3





#23

Nitrobenzene-d5

Concen: 17.282 ng

RT: 9.201 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

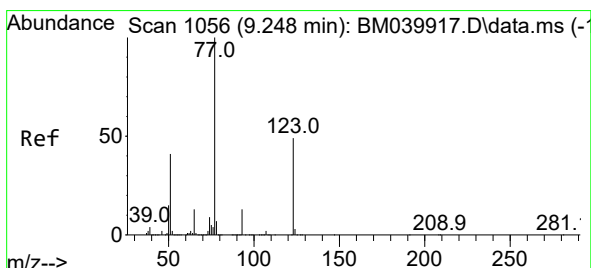
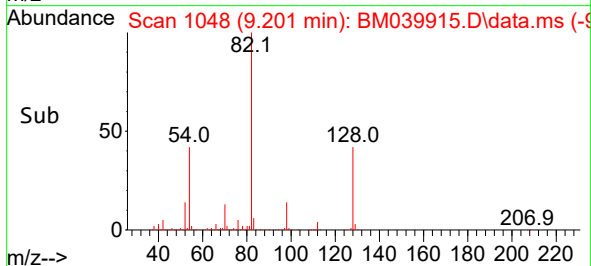
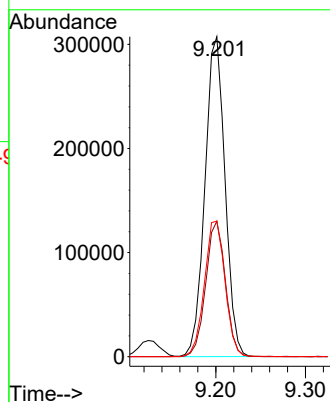
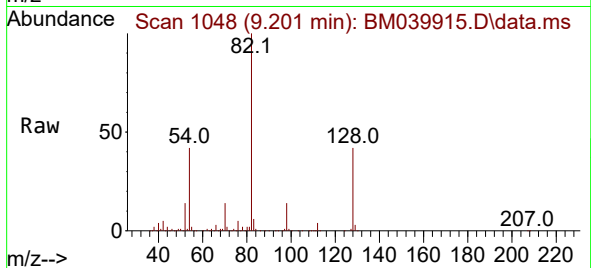
Tgt Ion: 82 Resp: 476533

Ion Ratio Lower Upper

82 100

128 42.4 37.2 55.8

54 42.4 33.5 50.3



#24

Nitrobenzene

Concen: 9.219 ng

RT: 9.242 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

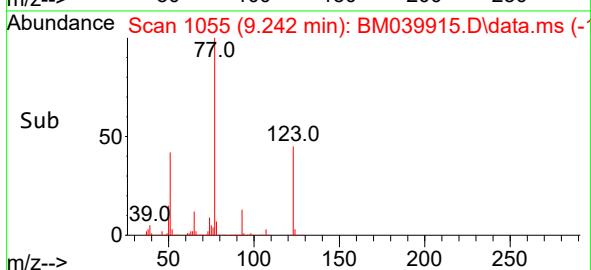
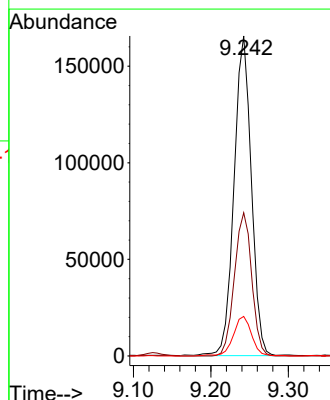
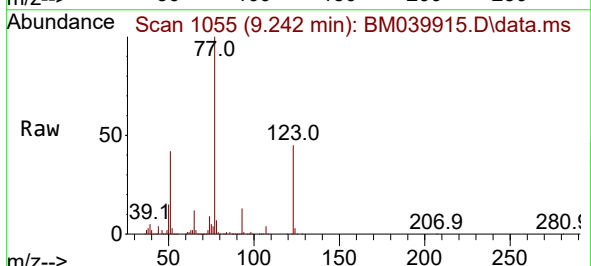
Tgt Ion: 77 Resp: 256980

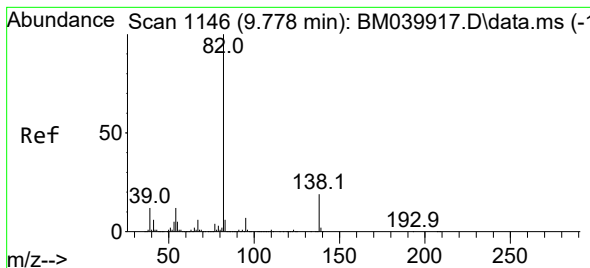
Ion Ratio Lower Upper

77 100

123 44.8 39.3 58.9

65 12.4 10.4 15.6





#25

Isophorone

Concen: 9.497 ng

RT: 9.766 min Scan# 1144

Delta R.T. -0.012 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

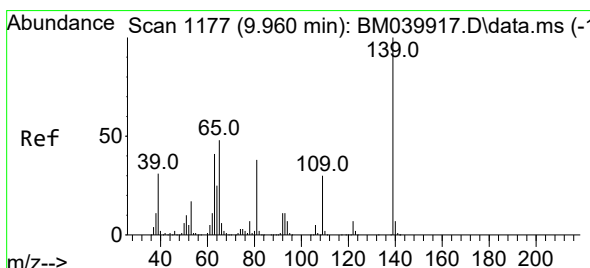
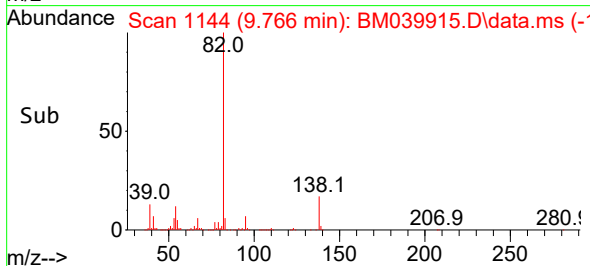
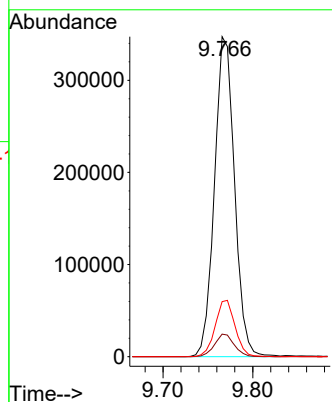
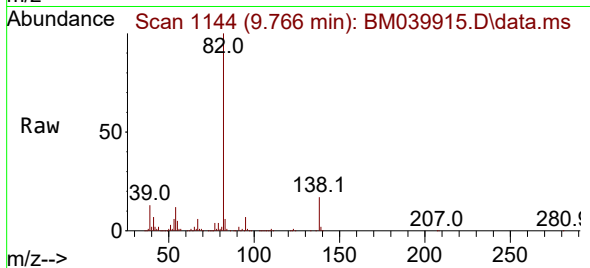
Tgt Ion: 82 Resp: 539349

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 17.2 15.2 22.8



#26

2-Nitrophenol

Concen: 6.084 ng

RT: 9.960 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

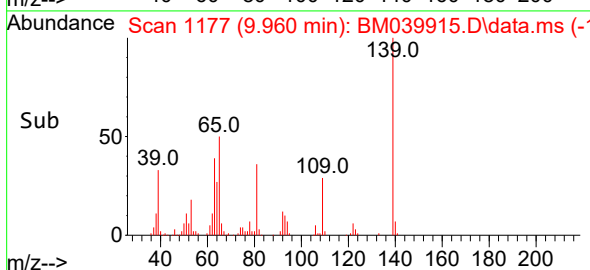
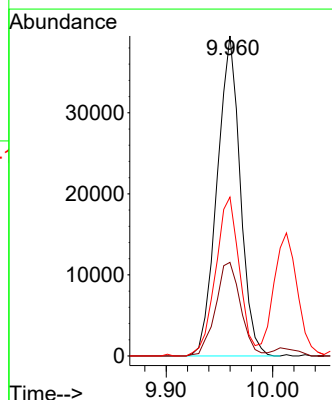
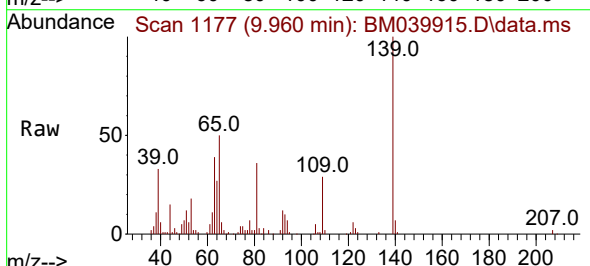
Tgt Ion: 139 Resp: 59466

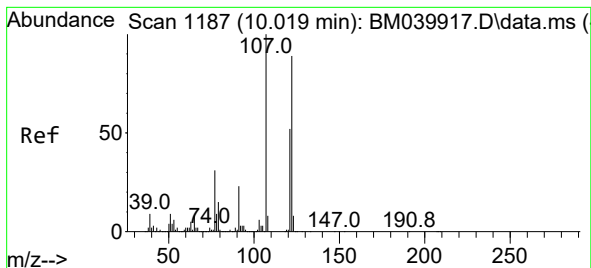
Ion Ratio Lower Upper

139 100

109 29.3 24.2 36.2

65 49.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 8.964 ng

RT: 10.013 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

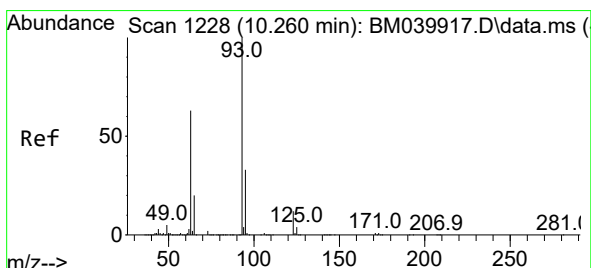
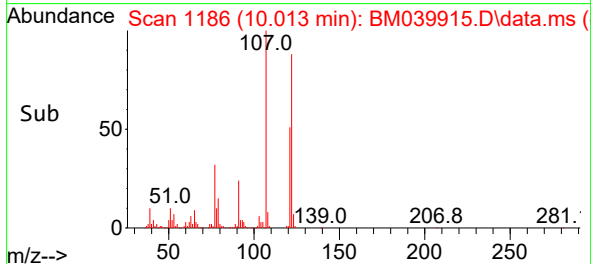
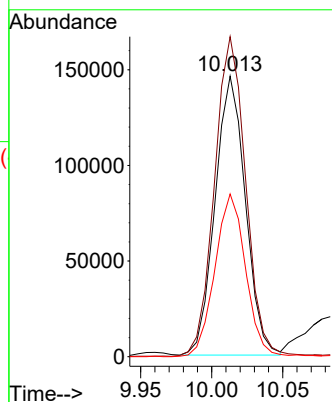
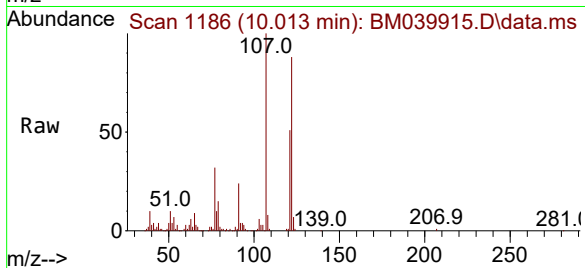
Tgt Ion:122 Resp: 216530

Ion Ratio Lower Upper

122 100

107 114.1 90.1 135.1

121 58.0 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 9.561 ng

RT: 10.260 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

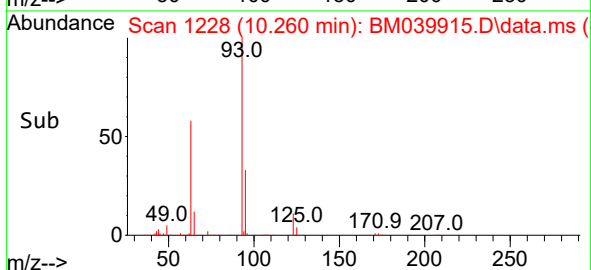
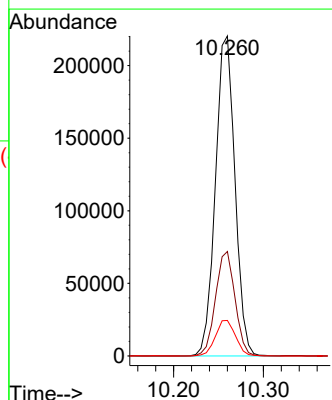
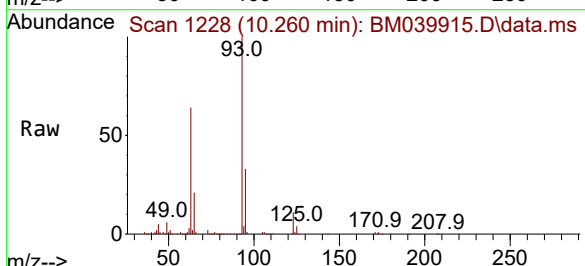
Tgt Ion: 93 Resp: 332771

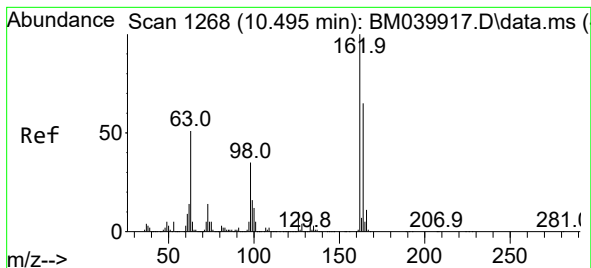
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 8.675 ng

RT: 10.489 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

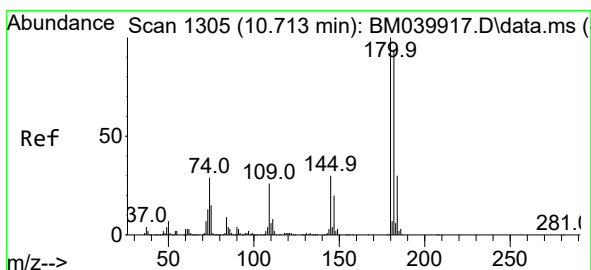
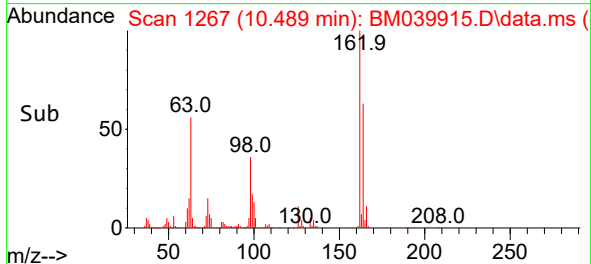
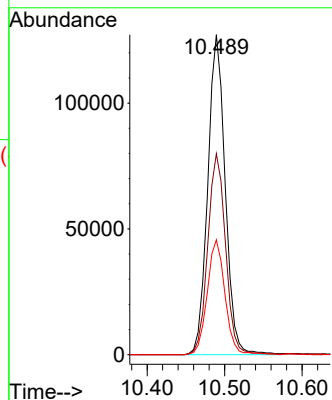
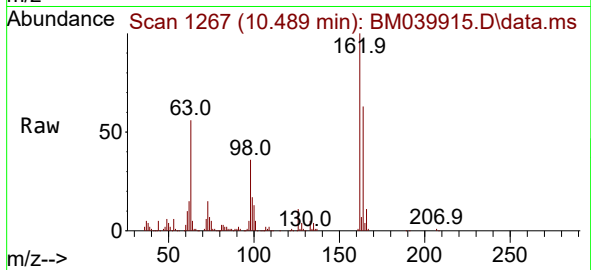
Tgt Ion:162 Resp: 199047

Ion Ratio Lower Upper

162 100

164 62.8 45.3 85.3

98 35.9 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 9.083 ng

RT: 10.713 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

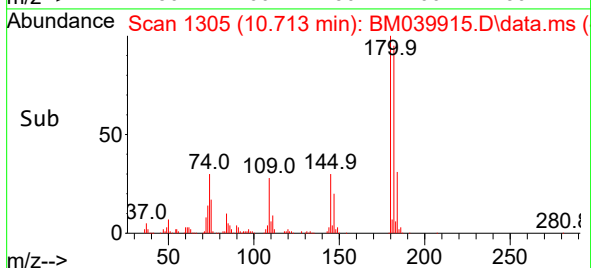
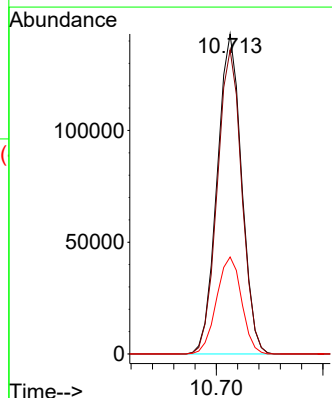
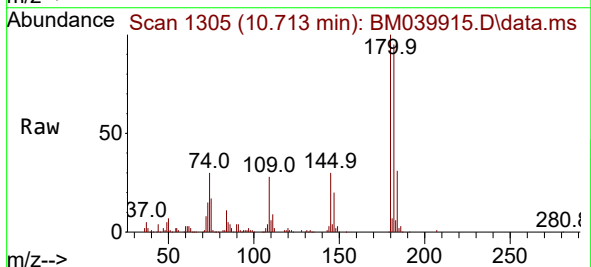
Tgt Ion:180 Resp: 227849

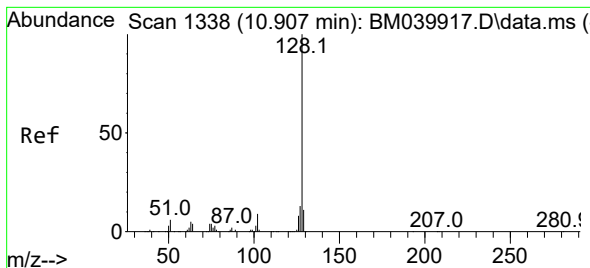
Ion Ratio Lower Upper

180 100

182 95.0 75.3 112.9

145 30.3 24.2 36.4





#31

Naphthalene

Concen: 9.659 ng

RT: 10.901 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

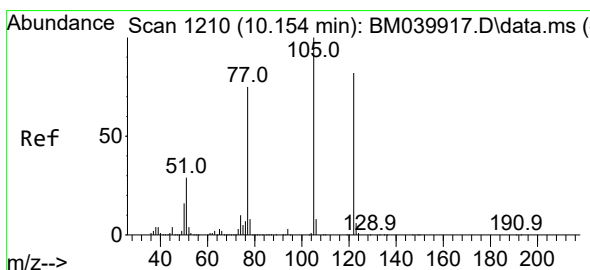
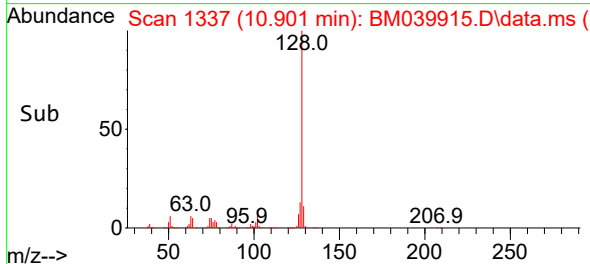
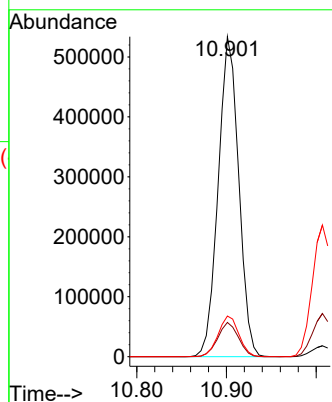
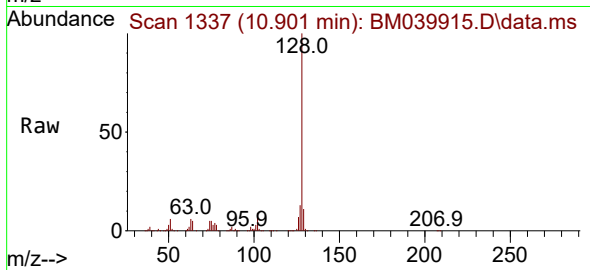
Tgt Ion:128 Resp: 846303

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 12.7 10.6 15.8



#32

Benzoic acid

Concen: 3.971 ng

RT: 10.083 min Scan# 1198

Delta R.T. -0.071 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

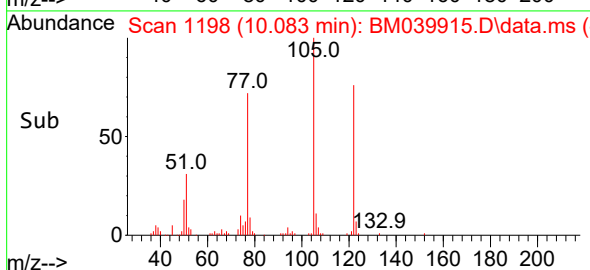
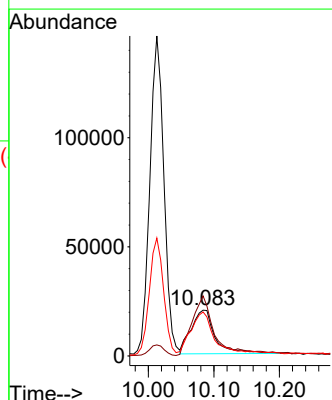
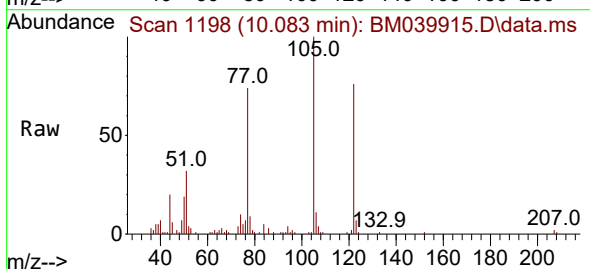
Tgt Ion:122 Resp: 50970

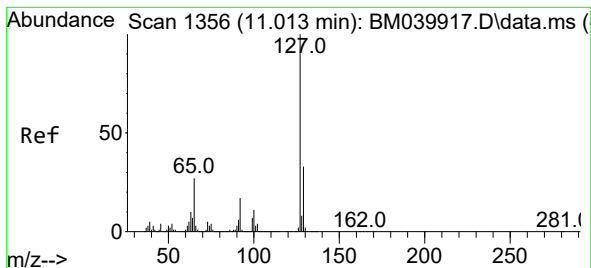
Ion Ratio Lower Upper

122 100

105 131.1 99.9 139.9

77 96.4 70.4 110.4





#33

4-Chloroaniline

Concen: 9.230 ng

RT: 11.007 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 353988

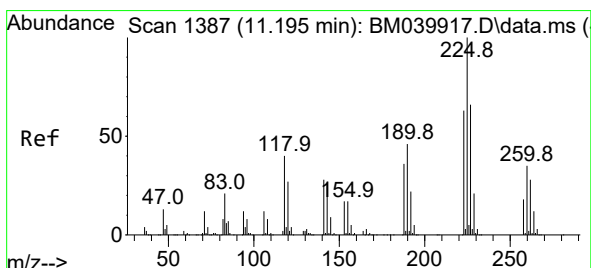
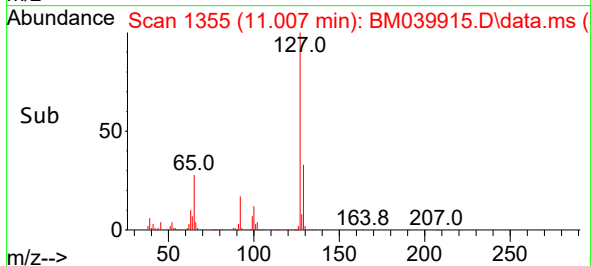
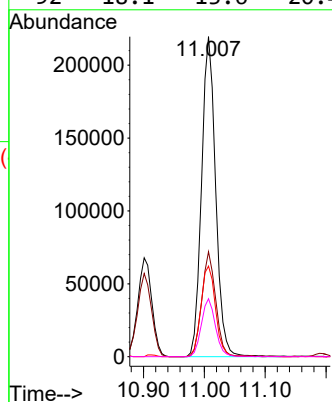
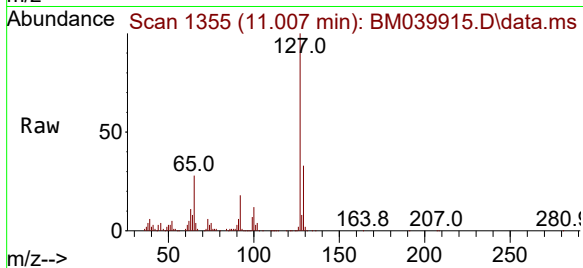
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.4

65 28.3 21.6 32.4

92 18.1 13.6 20.4



#34

Hexachlorobutadiene

Concen: 9.092 ng

RT: 11.189 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

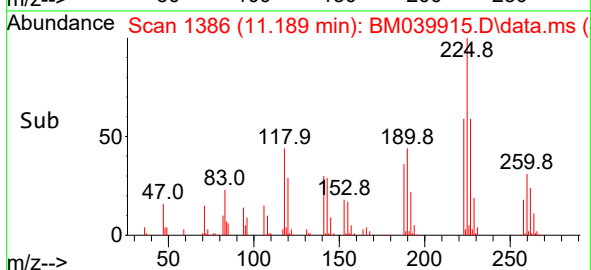
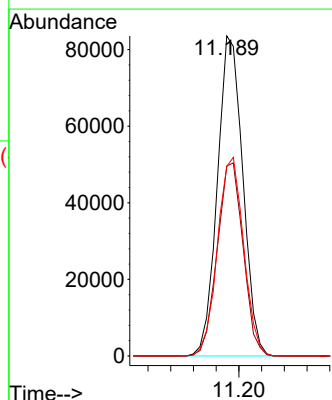
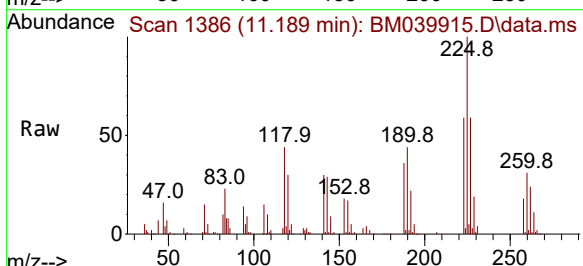
Tgt Ion:225 Resp: 129998

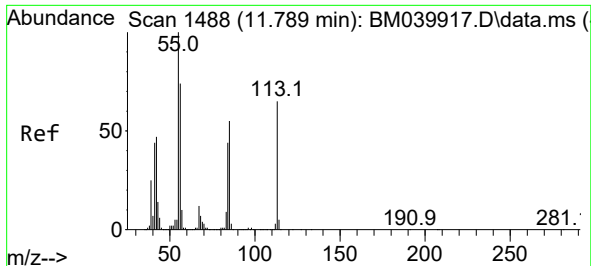
Ion Ratio Lower Upper

225 100

223 59.4 50.2 75.4

227 59.2 52.8 79.2

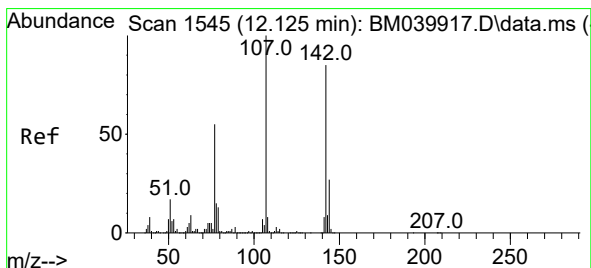
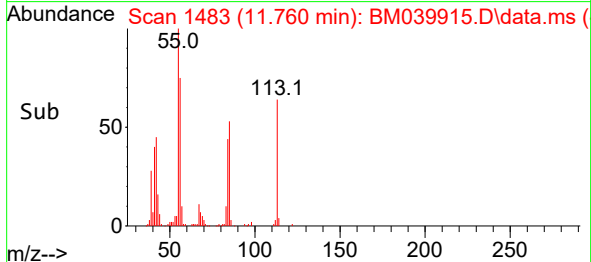
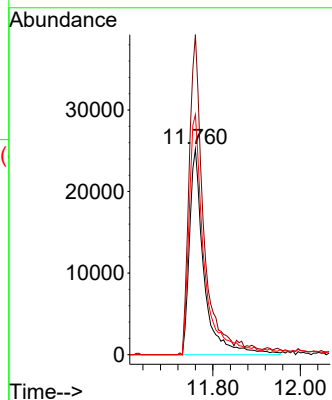
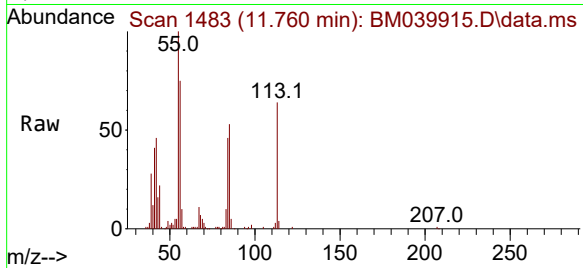




#35  
Caprolactam  
Concen: 8.470 ng  
RT: 11.760 min Scan# 1483  
Delta R.T. -0.029 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

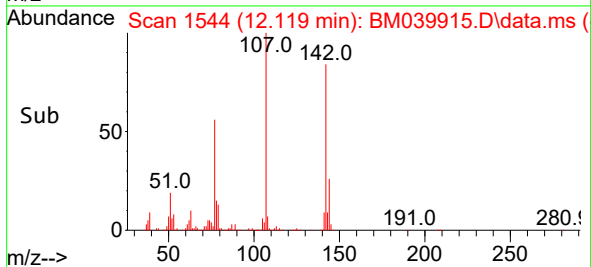
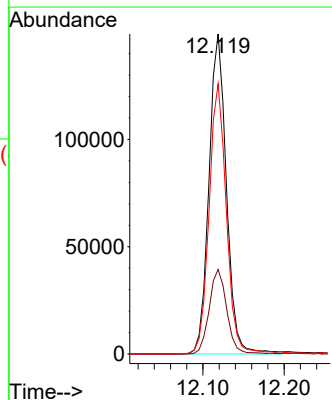
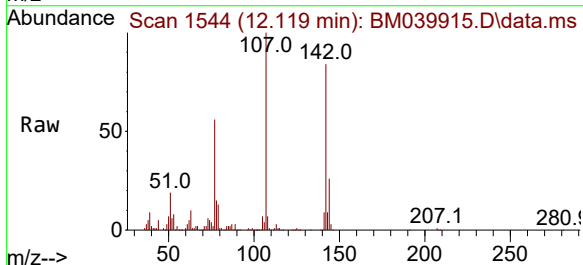
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

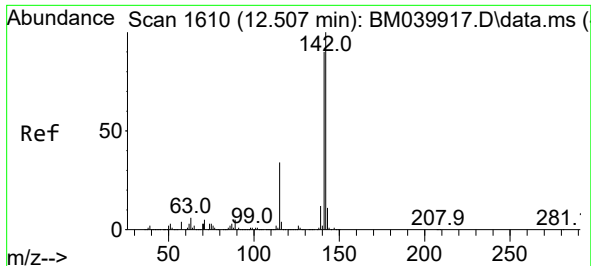
Tgt Ion:113 Resp: 58089  
Ion Ratio Lower Upper  
113 100  
55 155.6 133.4 173.4  
56 116.8 93.0 133.0



#36  
4-Chloro-3-methylphenol  
Concen: 9.080 ng  
RT: 12.119 min Scan# 1544  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:107 Resp: 222709  
Ion Ratio Lower Upper  
107 100  
144 26.4 22.0 33.0  
142 84.5 68.3 102.5

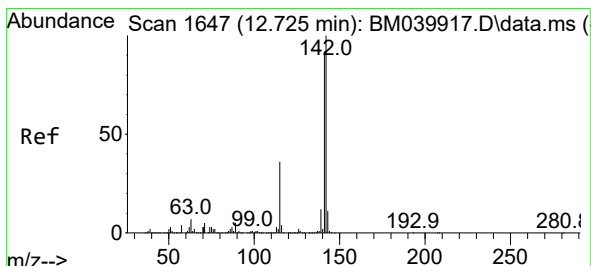
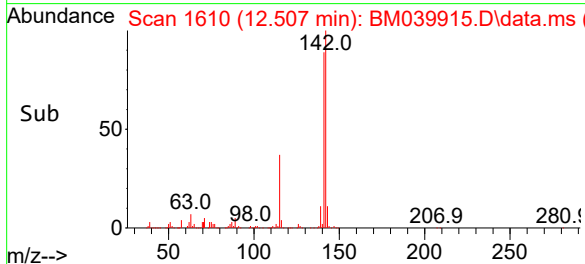
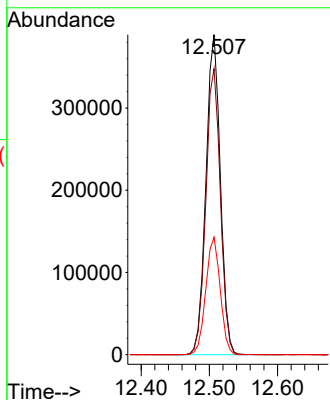
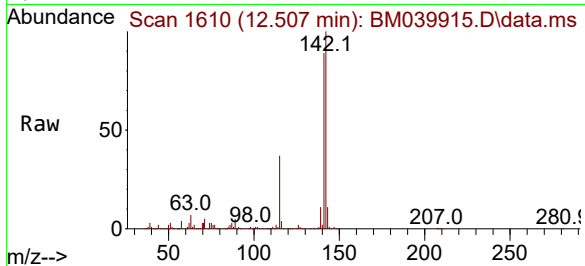




#37  
2-Methylnaphthalene  
Concen: 9.177 ng  
RT: 12.507 min Scan# 1610  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

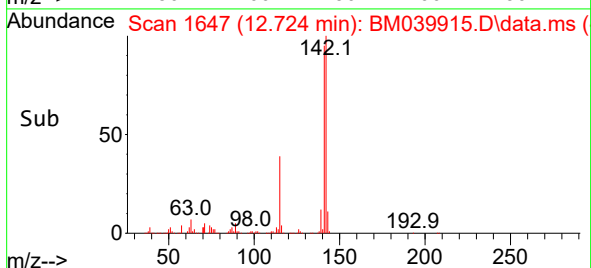
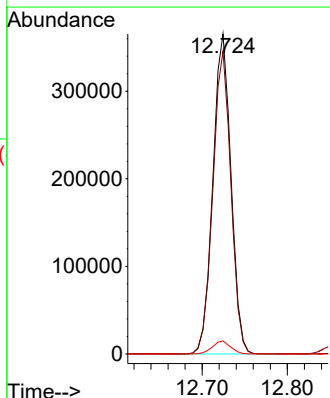
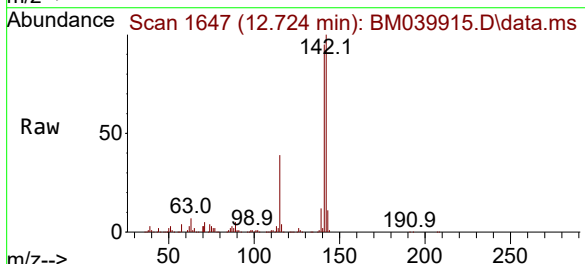
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

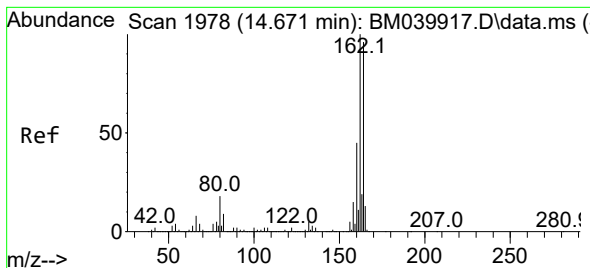
Tgt Ion:142 Resp: 572794  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.9 107.9  
115 36.7 27.4 41.0



#38  
1-Methylnaphthalene  
Concen: 9.162 ng  
RT: 12.724 min Scan# 1647  
Delta R.T. -0.001 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:142 Resp: 538698  
Ion Ratio Lower Upper  
142 100  
141 94.6 73.8 110.8  
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.671 min Scan# 1978

Delta R.T. -0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

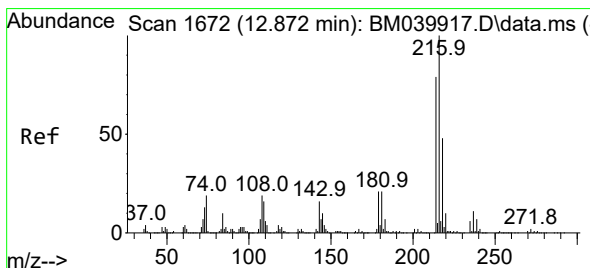
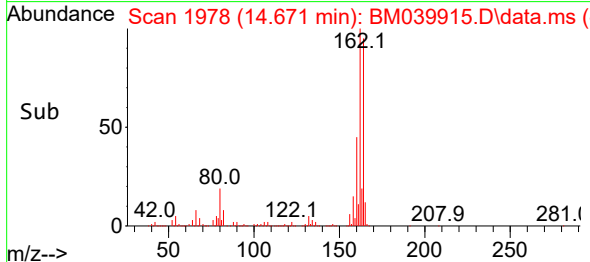
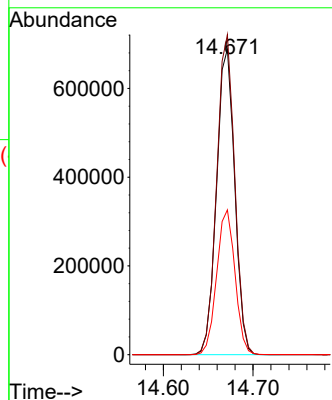
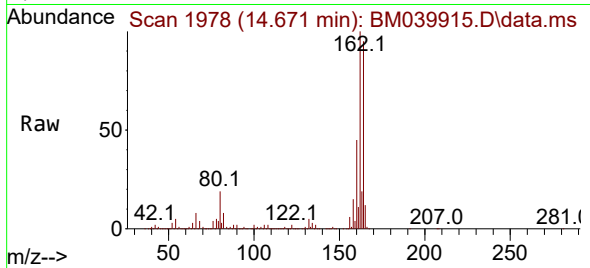
Tgt Ion:164 Resp: 966284

Ion Ratio Lower Upper

164 100

162 104.7 83.6 125.4

160 47.4 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.477 ng

RT: 12.866 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Tgt Ion:216 Resp: 247096

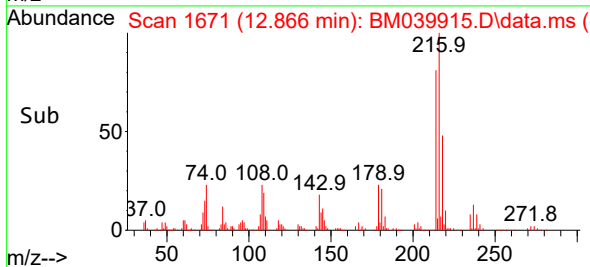
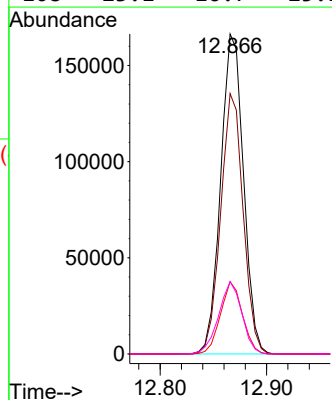
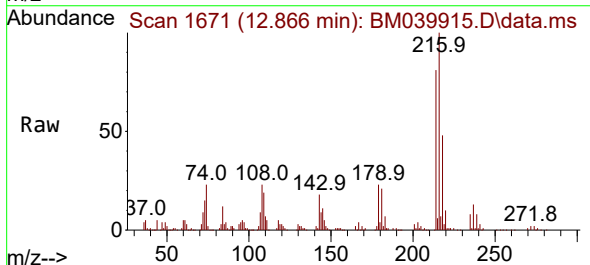
Ion Ratio Lower Upper

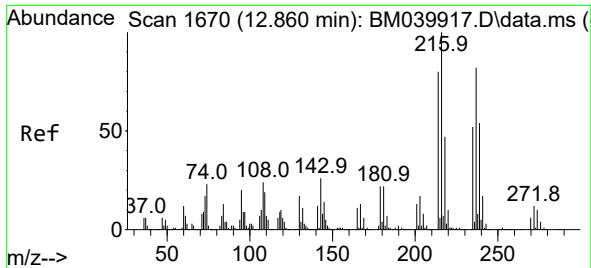
216 100

214 80.0 62.9 94.3

179 21.8 17.1 25.7

108 23.1 16.7 25.1

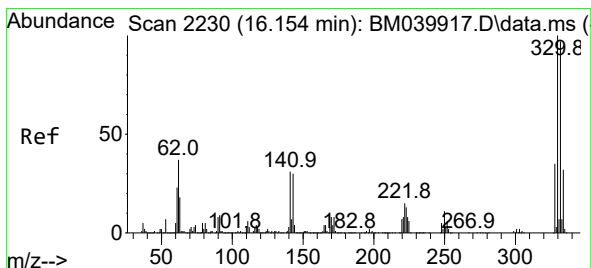
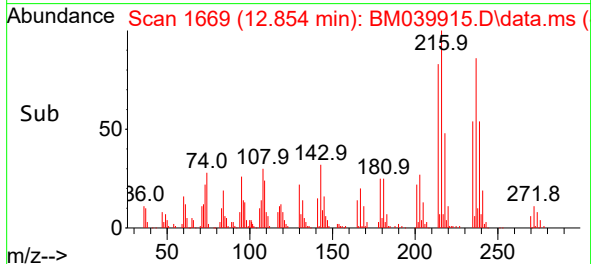
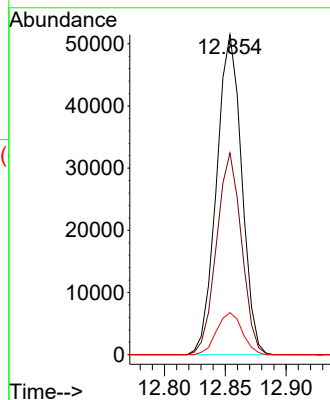
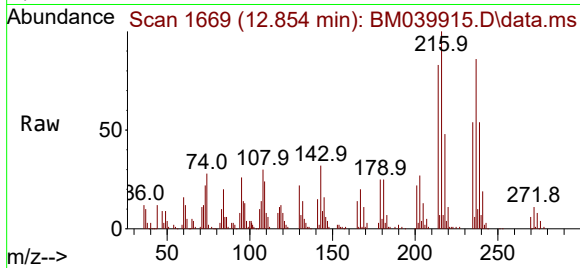




#41  
Hexachlorocyclopentadiene  
Concen: 5.677 ng  
RT: 12.854 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

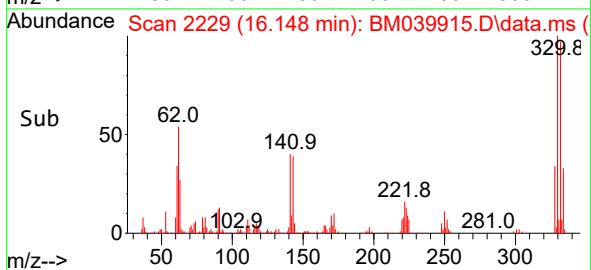
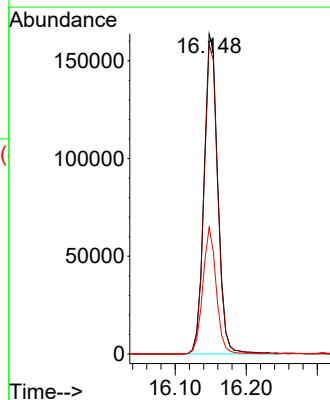
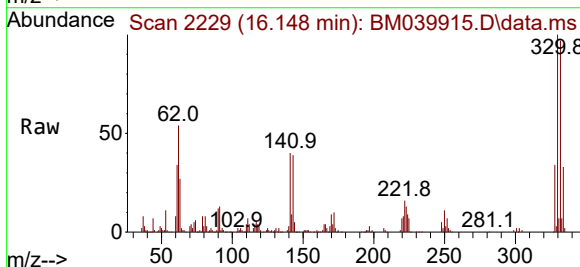
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

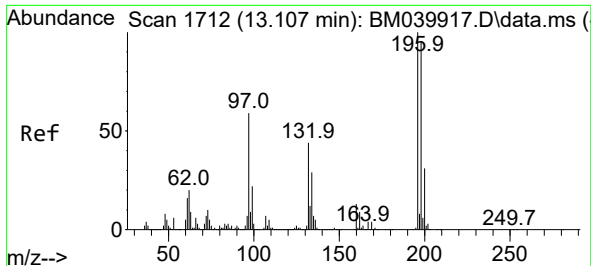
Tgt Ion:237 Resp: 74119  
Ion Ratio Lower Upper  
237 100  
235 63.0 42.5 82.5  
272 13.1 0.0 34.4



#42  
2,4,6-Tribromophenol  
Concen: 14.694 ng  
RT: 16.148 min Scan# 2229  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:330 Resp: 222330  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.0  
141 38.4 25.6 38.4#





#43

2,4,6-Trichlorophenol

Concen: 8.119 ng

RT: 13.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

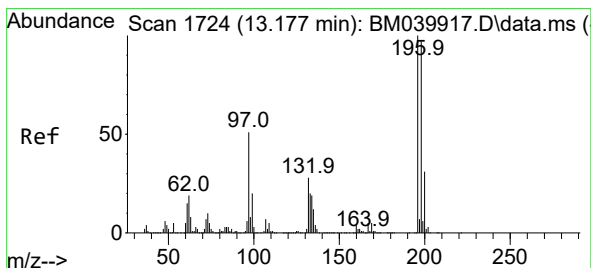
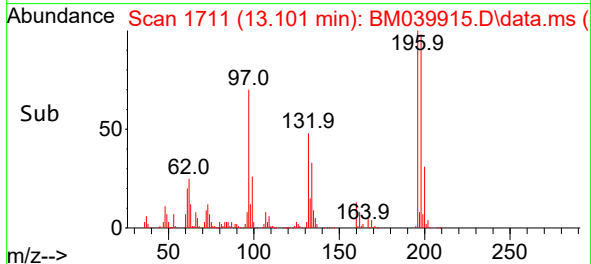
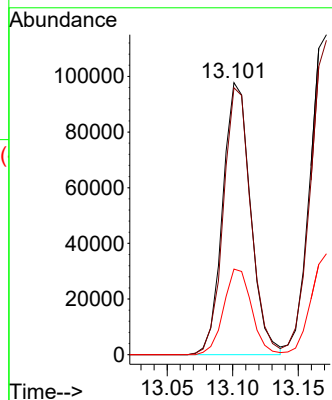
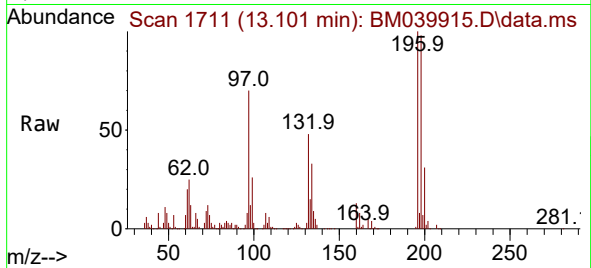
Tgt Ion:196 Resp: 144592

Ion Ratio Lower Upper

196 100

198 98.1 75.7 113.5

200 31.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 8.336 ng

RT: 13.172 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Tgt Ion:196 Resp: 175147

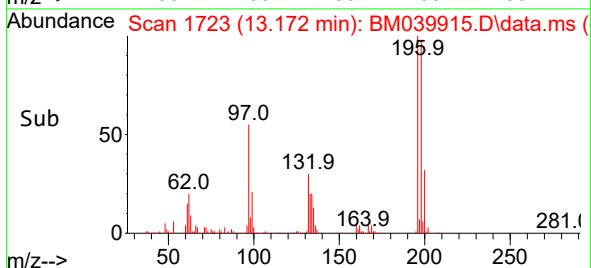
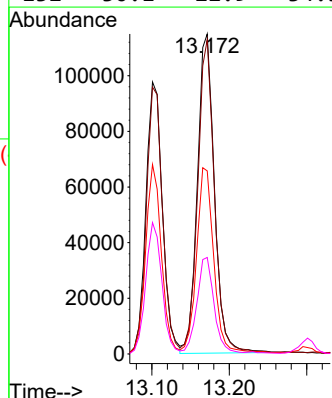
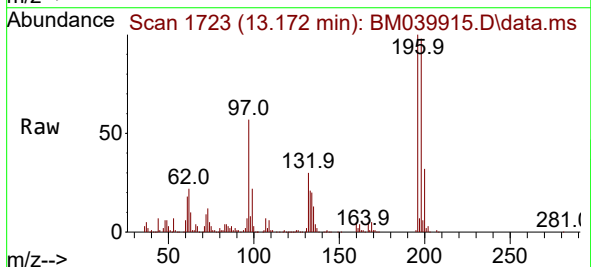
Ion Ratio Lower Upper

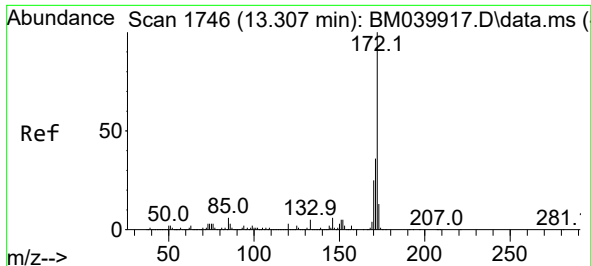
196 100

198 98.3 77.6 116.4

97 57.2 41.3 61.9

132 30.1 22.9 34.3

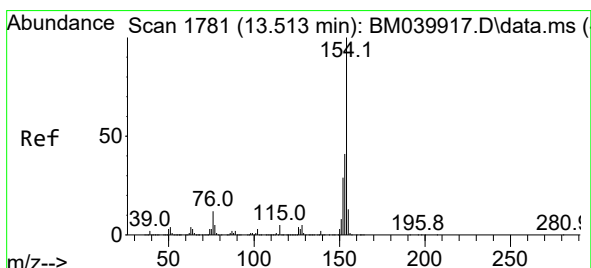
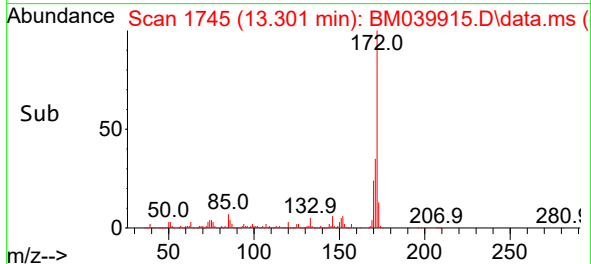
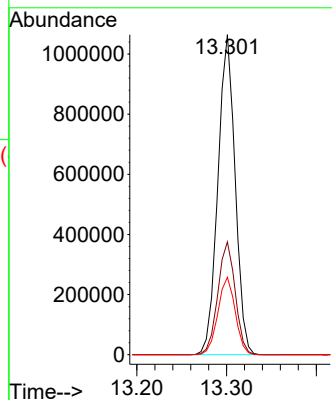
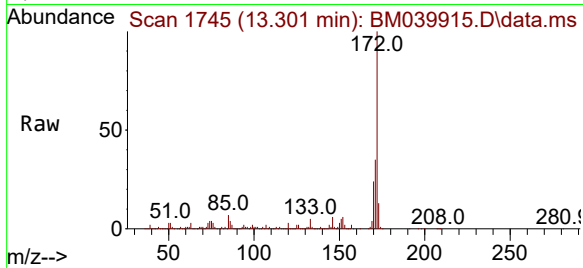




#45  
2-Fluorobiphenyl  
Concen: 18.781 ng  
RT: 13.301 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

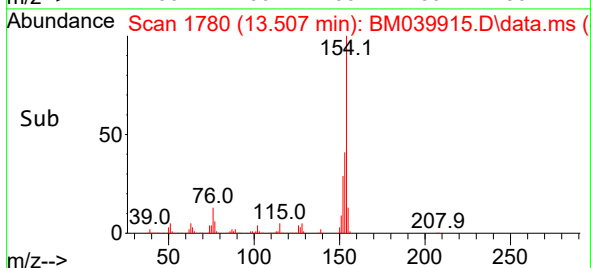
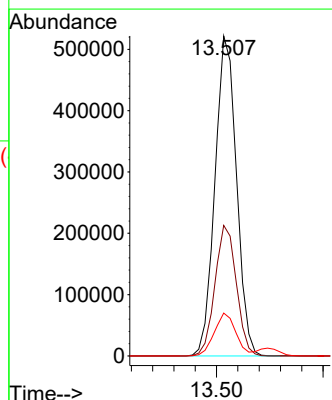
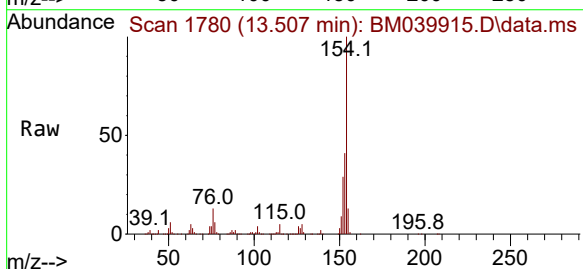
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

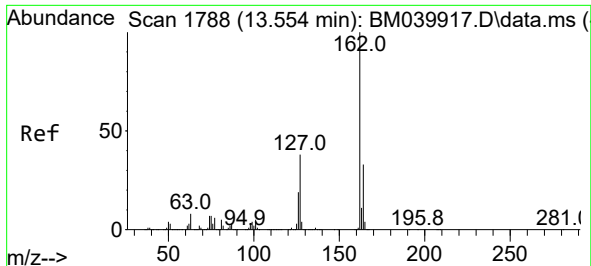
Tgt Ion:172 Resp: 1418719  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.9 43.3  
170 24.2 19.9 29.9



#46  
1,1'-Biphenyl  
Concen: 9.133 ng  
RT: 13.507 min Scan# 1780  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:154 Resp: 731098  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.8 60.8  
76 13.4 0.0 31.9





#47

2-Chloronaphthalene

Concen: 9.155 ng

RT: 13.548 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

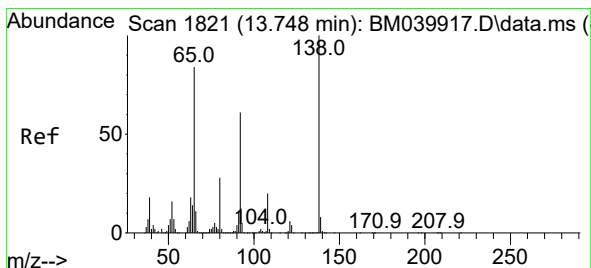
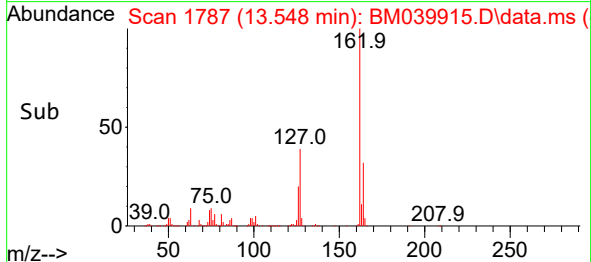
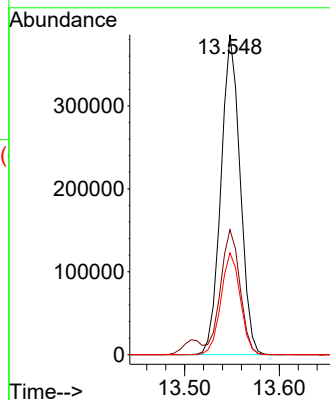
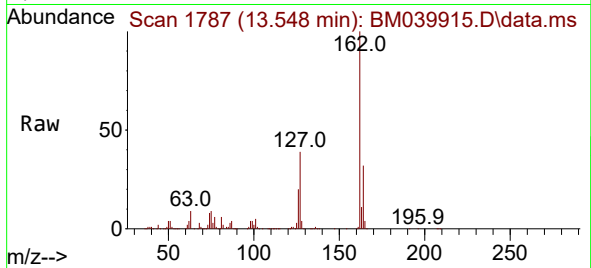
Tgt Ion:162 Resp: 543569

Ion Ratio Lower Upper

162 100

127 39.0 30.1 45.1

164 31.8 26.2 39.4



#48

2-Nitroaniline

Concen: 6.662 ng

RT: 13.748 min Scan# 1821

Delta R.T. -0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

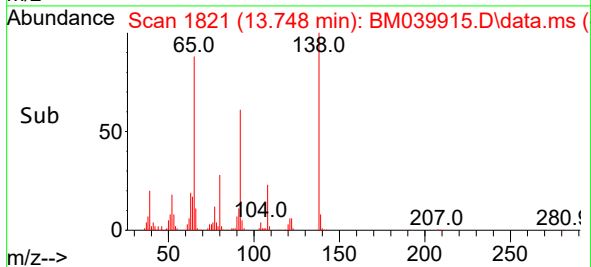
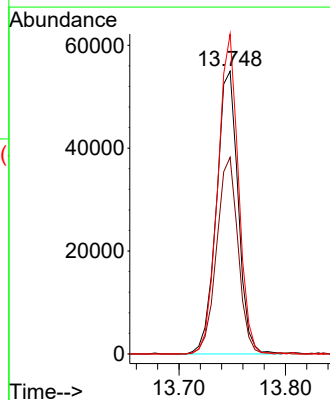
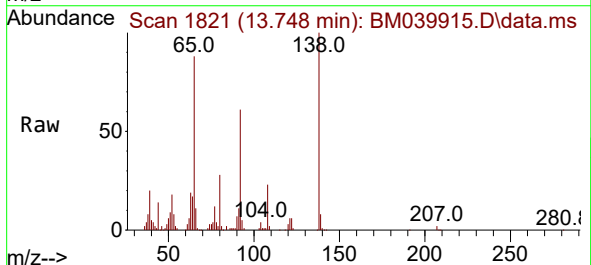
Tgt Ion: 65 Resp: 77559

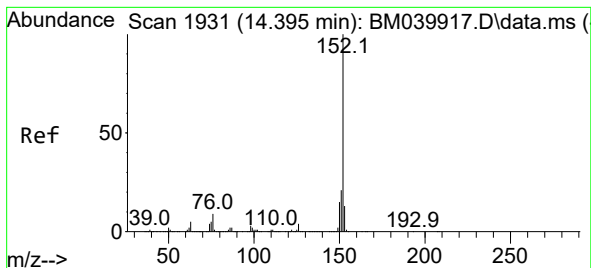
Ion Ratio Lower Upper

65 100

92 69.6 57.7 86.5

138 113.2 95.0 142.6





#49

Acenaphthylene

Concen: 9.154 ng

RT: 14.389 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

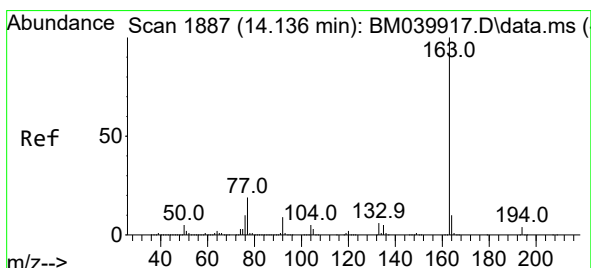
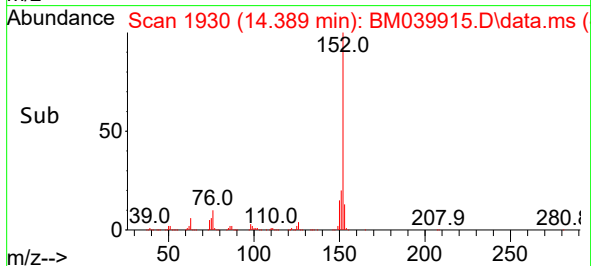
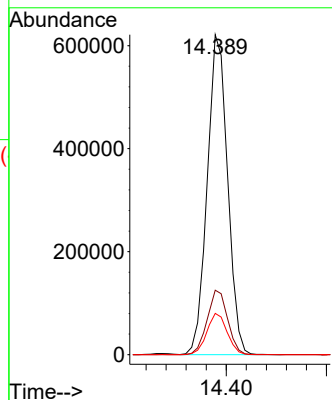
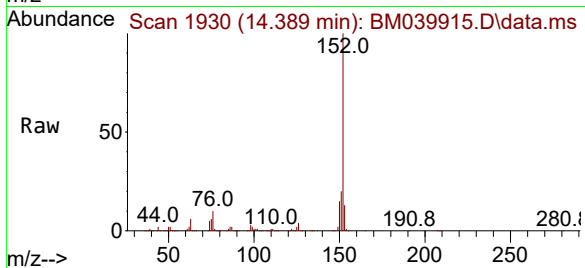
Tgt Ion:152 Resp: 876504

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

153 12.9 10.7 16.1



#50

Dimethylphthalate

Concen: 9.172 ng

RT: 14.124 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

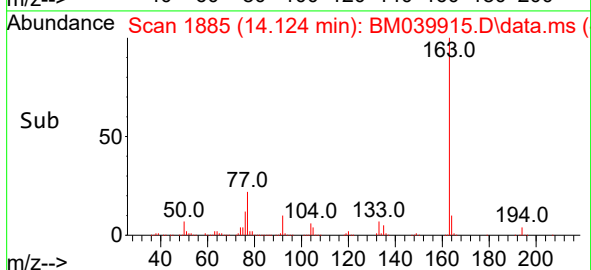
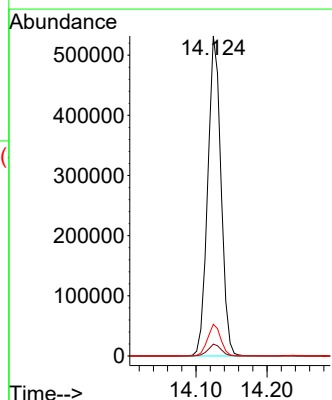
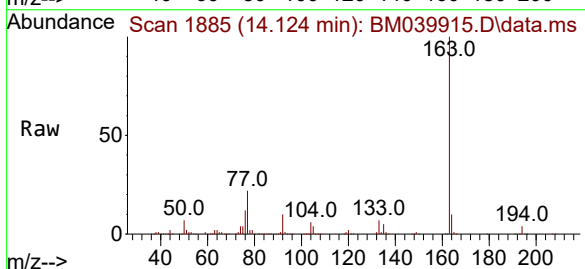
Tgt Ion:163 Resp: 691160

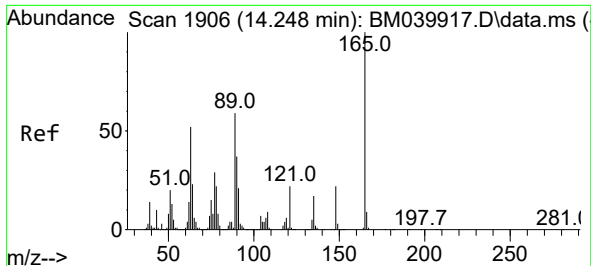
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 7.786 ng

RT: 14.242 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

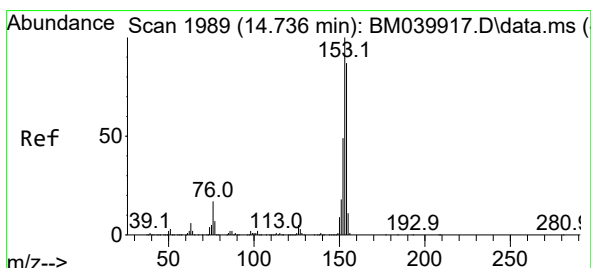
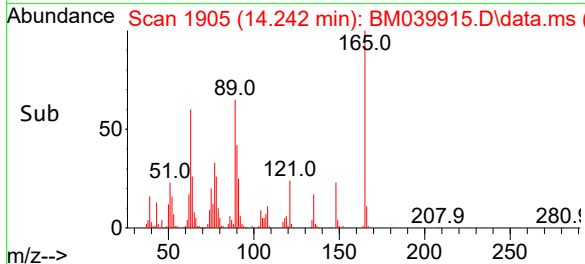
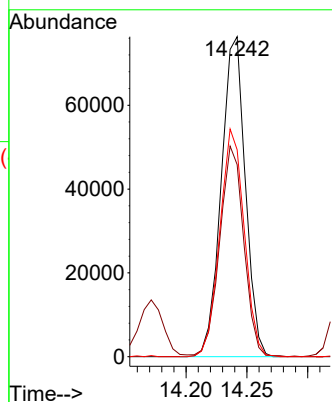
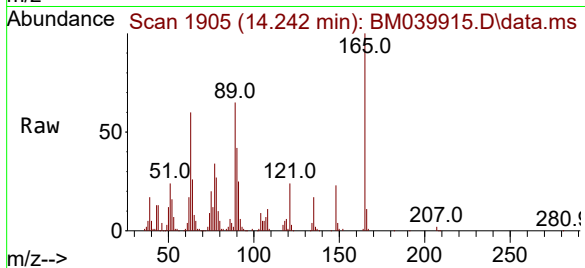
Tgt Ion:165 Resp: 105040

Ion Ratio Lower Upper

165 100

63 60.0 42.3 63.5

89 64.6 47.4 71.0



#52

Acenaphthene

Concen: 9.077 ng

RT: 14.730 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

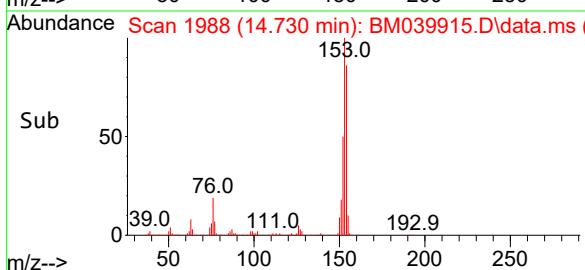
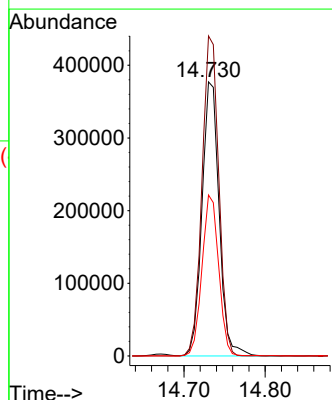
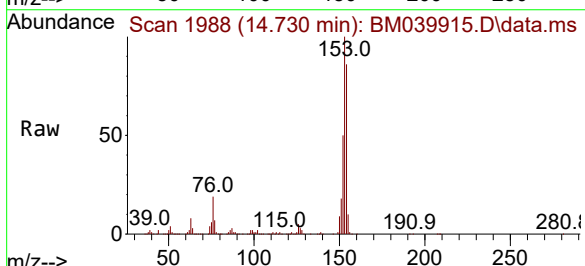
Tgt Ion:154 Resp: 552917

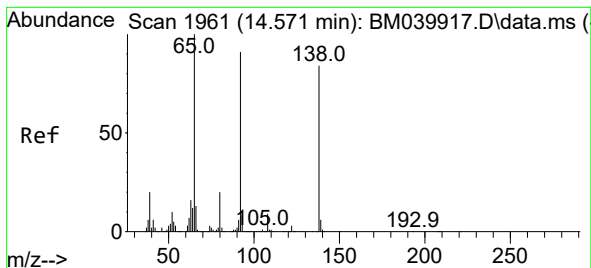
Ion Ratio Lower Upper

154 100

153 116.7 91.9 137.9

152 58.7 45.0 67.6

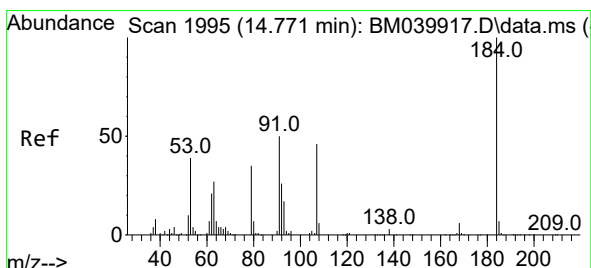
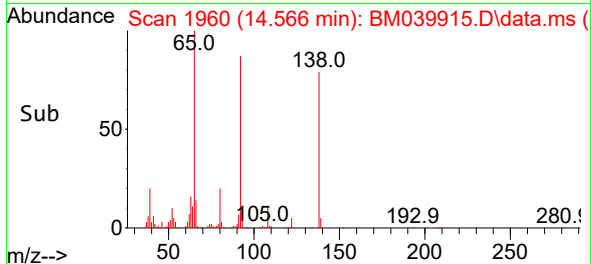
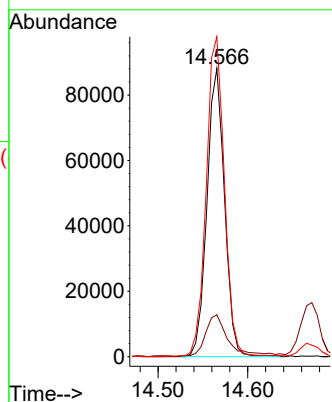
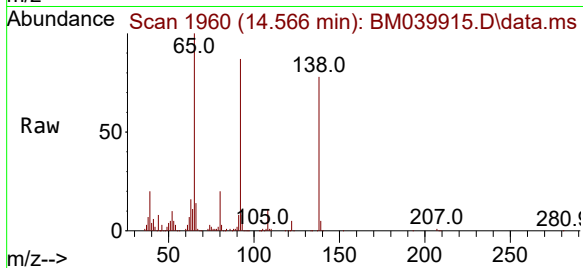




#53  
3-Nitroaniline  
Concen: 7.714 ng  
RT: 14.566 min Scan# 1960  
Delta R.T. -0.005 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

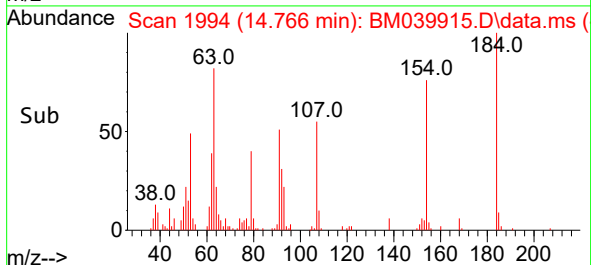
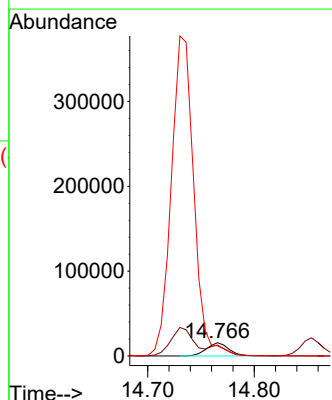
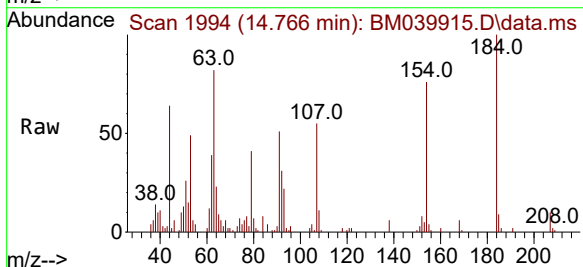
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

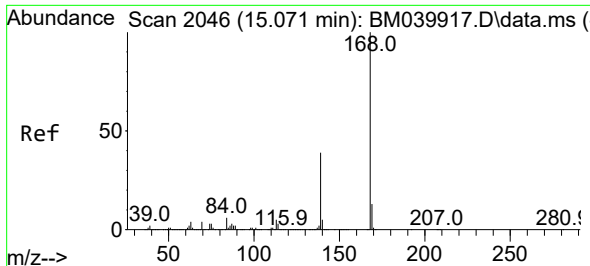
Tgt Ion:138 Resp: 119657  
Ion Ratio Lower Upper  
138 100  
108 14.6 8.6 12.8#  
92 111.1 87.3 130.9



#54  
2,4-Dinitrophenol  
Concen: 4.514 ng  
RT: 14.766 min Scan# 1994  
Delta R.T. -0.005 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:184 Resp: 22651  
Ion Ratio Lower Upper  
184 100  
63 81.5 53.4 80.0#  
154 76.0 54.2 81.2

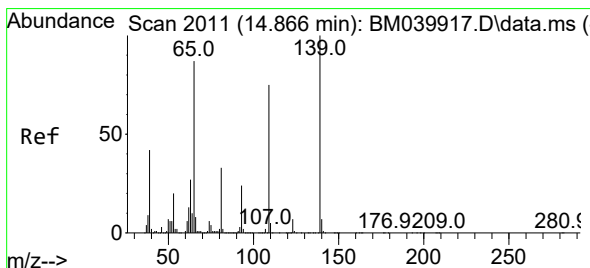
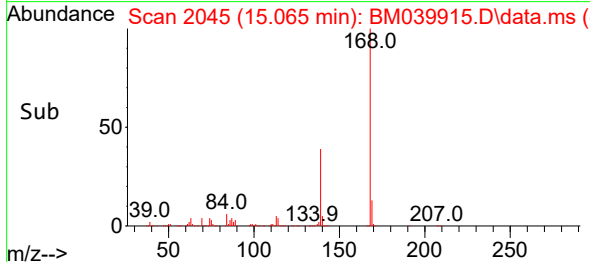
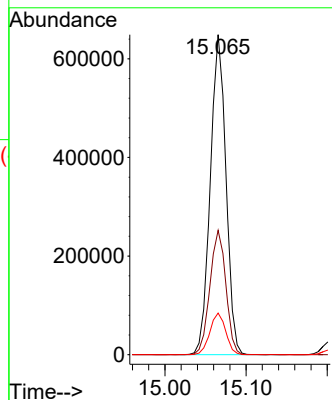
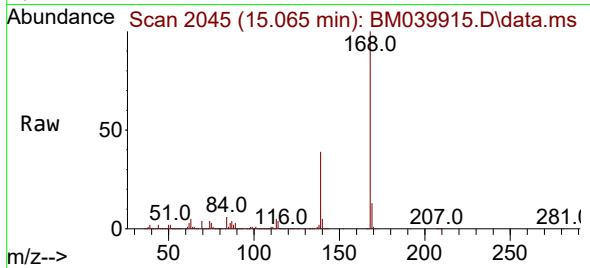




#55  
Dibenzenofuran  
Concen: 9.323 ng  
RT: 15.065 min Scan# 2046  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

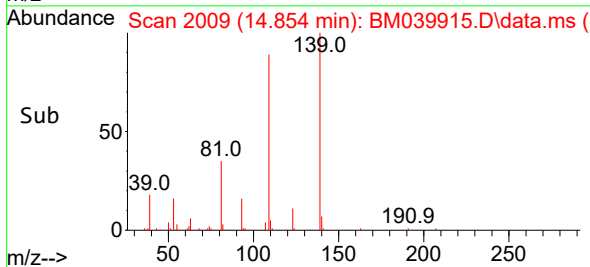
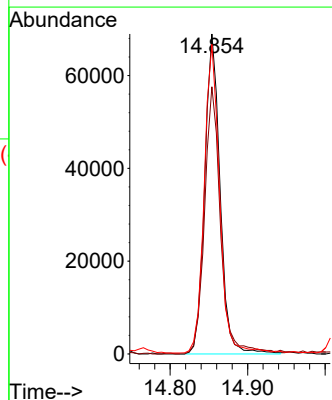
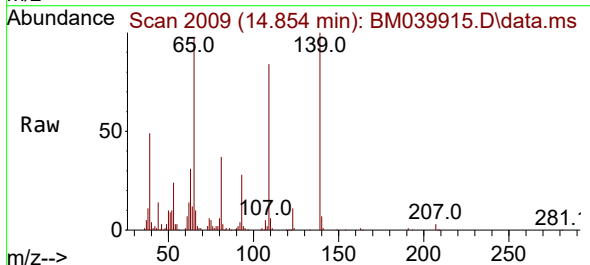
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

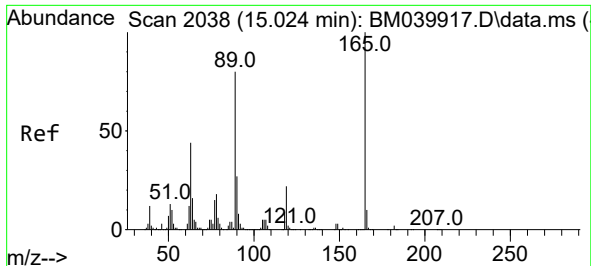
Tgt Ion:168 Resp: 866868  
Ion Ratio Lower Upper  
168 100  
139 38.8 31.0 46.6  
169 13.0 10.7 16.1



#56  
4-Nitrophenol  
Concen: 7.265 ng  
RT: 14.854 min Scan# 2009  
Delta R.T. -0.012 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:139 Resp: 94994  
Ion Ratio Lower Upper  
139 100  
109 83.5 55.1 95.1  
65 96.8 67.4 107.4





#57

2,4-Dinitrotoluene

Concen: 6.984 ng

RT: 15.018 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 119441

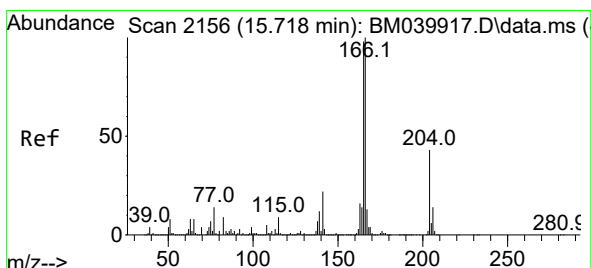
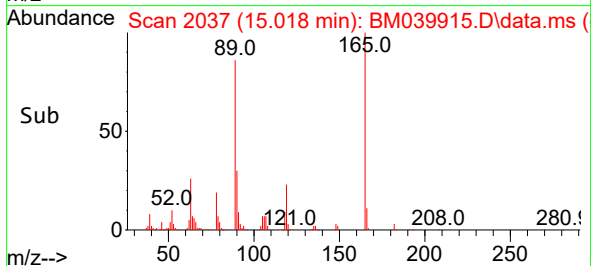
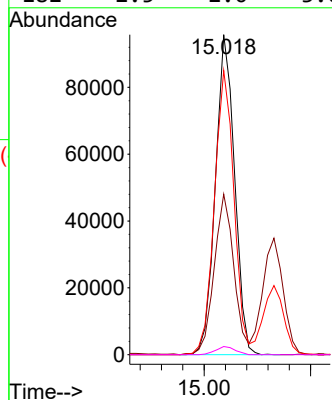
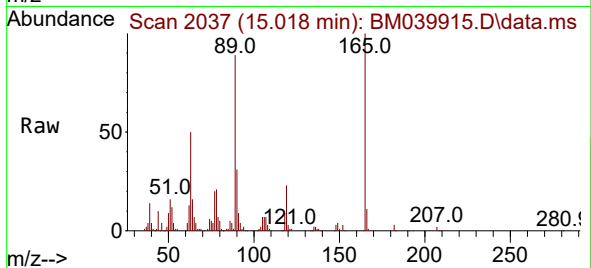
Ion Ratio Lower Upper

165 100

63 50.1 35.5 53.3

89 88.8 63.8 95.6

182 2.5 2.0 3.0



#58

Fluorene

Concen: 8.737 ng

RT: 15.713 min Scan# 2155

Delta R.T. -0.005 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

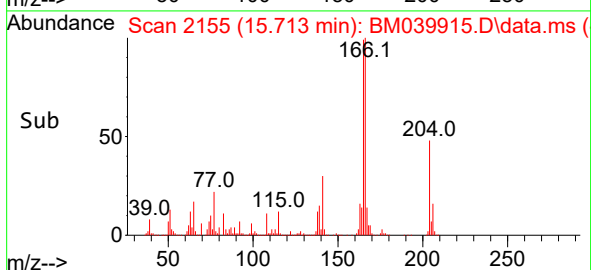
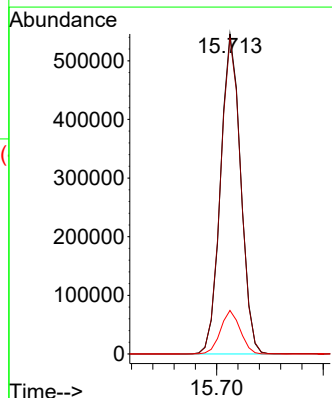
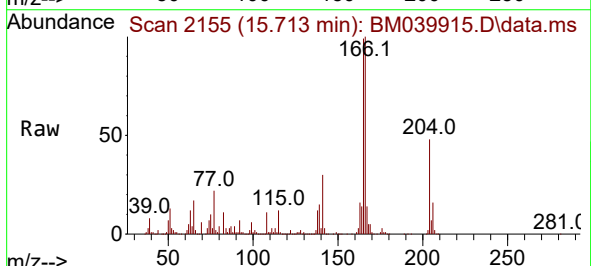
Tgt Ion:166 Resp: 713822

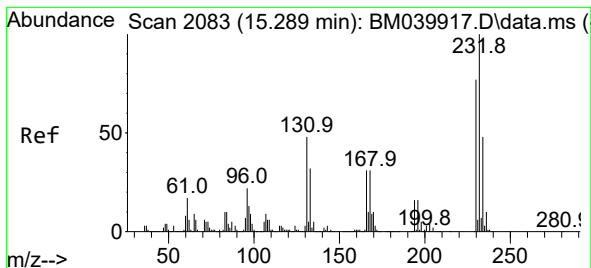
Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

167 13.6 10.8 16.2

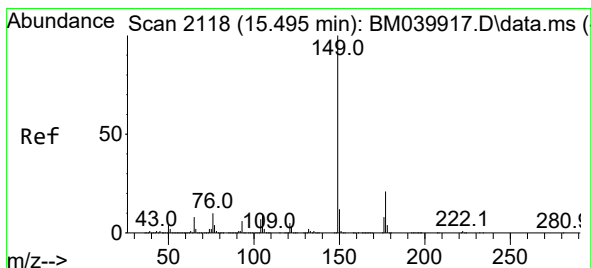
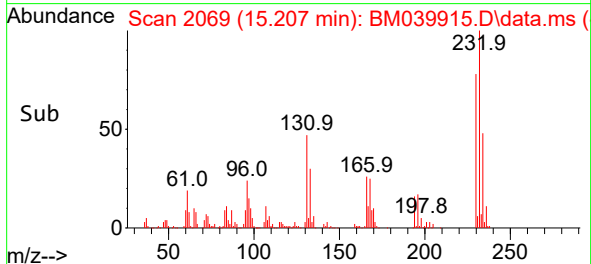
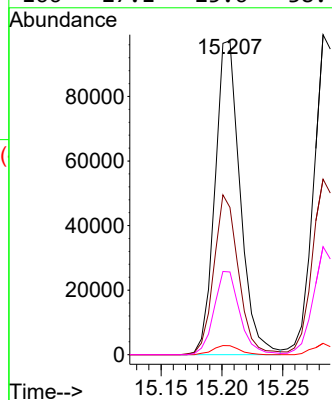
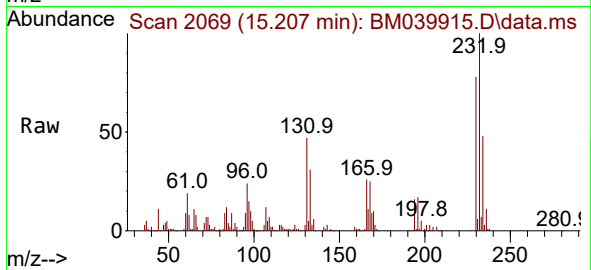




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 8.115 ng  
RT: 15.207 min Scan# 2083  
Delta R.T. -0.082 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

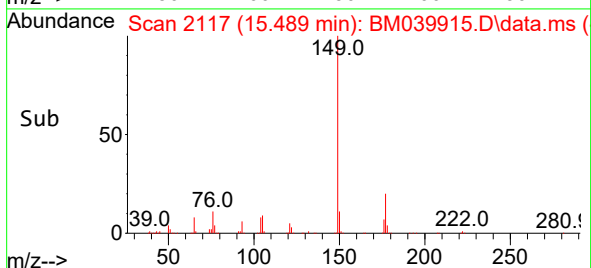
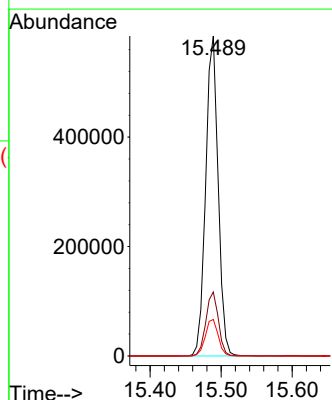
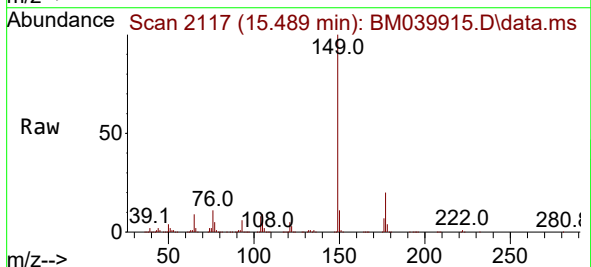
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

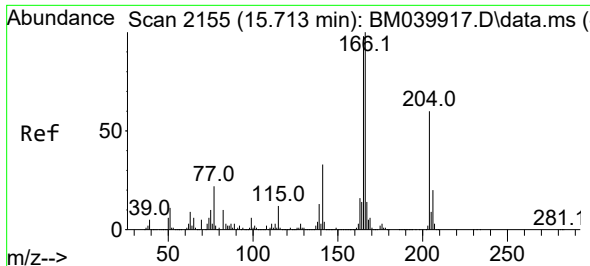
Tgt Ion:232 Resp: 140087  
Ion Ratio Lower Upper  
232 100  
131 50.0 41.0 61.4  
130 3.1 2.2 3.2  
166 27.1 25.6 38.4



#60  
Diethylphthalate  
Concen: 9.195 ng  
RT: 15.489 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:149 Resp: 714401  
Ion Ratio Lower Upper  
149 100  
177 20.0 17.0 25.4  
150 11.4 9.8 14.6

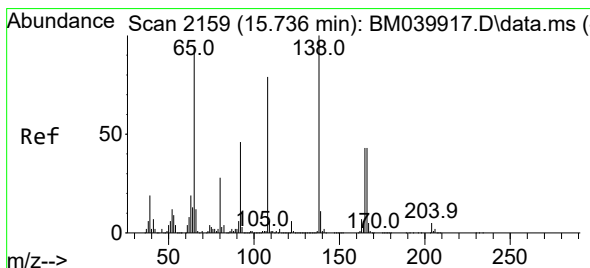
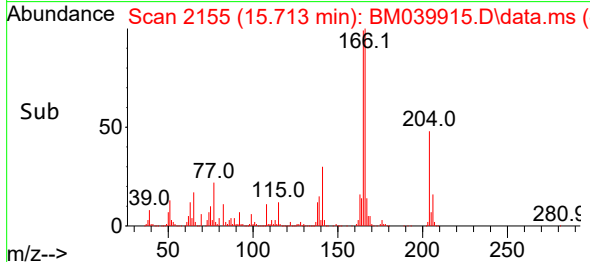
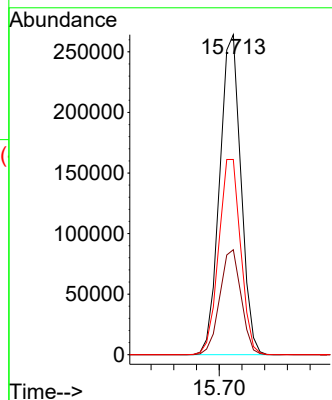
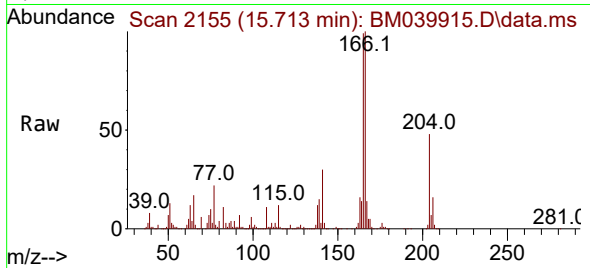




#61  
4-Chlorophenyl-phenylether  
Concen: 8.485 ng  
RT: 15.713 min Scan# 2155  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

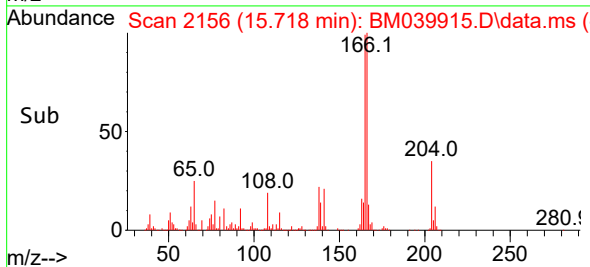
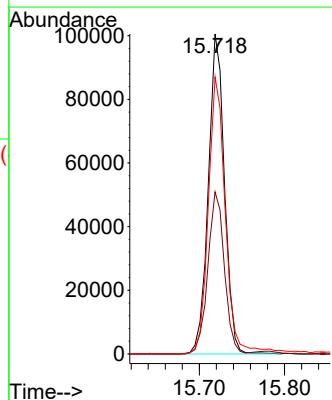
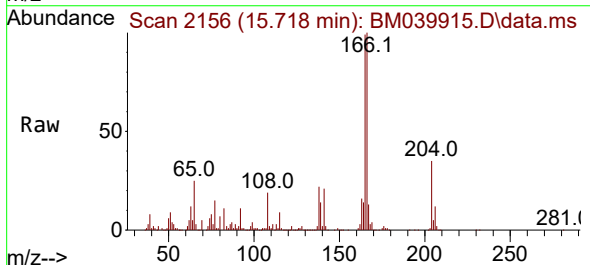
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

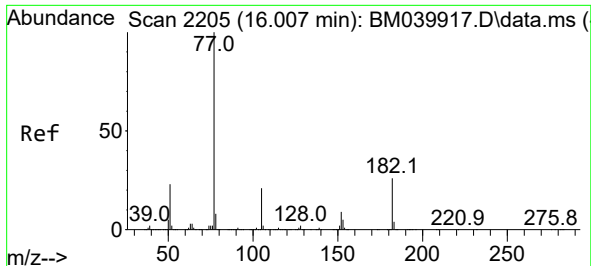
Tgt Ion:204 Resp: 344001  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.4 39.6  
141 61.0 44.6 67.0



#62  
4-Nitroaniline  
Concen: 7.796 ng  
RT: 15.718 min Scan# 2156  
Delta R.T. -0.018 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:138 Resp: 132509  
Ion Ratio Lower Upper  
138 100  
92 50.7 25.5 65.5  
108 86.6 59.5 99.5

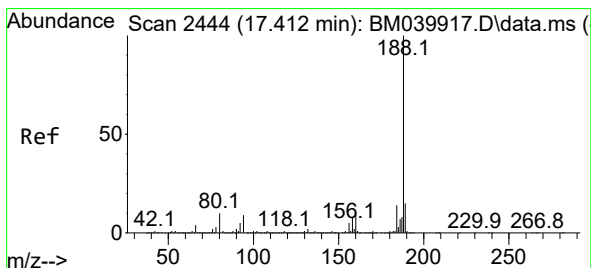
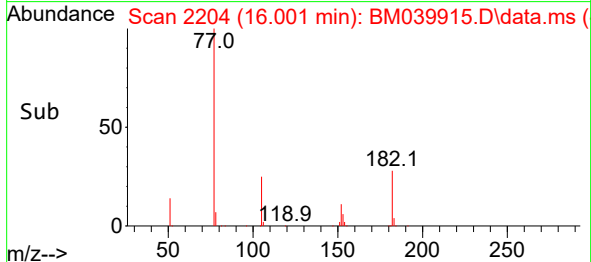
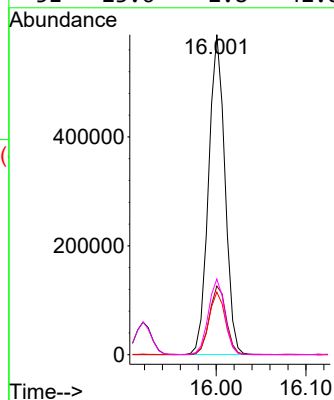
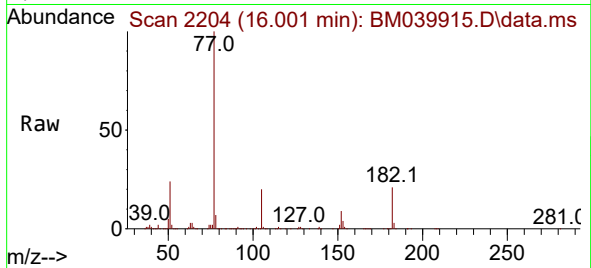




#63  
Azobenzene  
Concen: 9.975 ng  
RT: 16.001 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

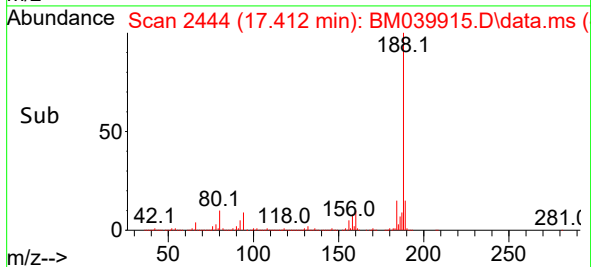
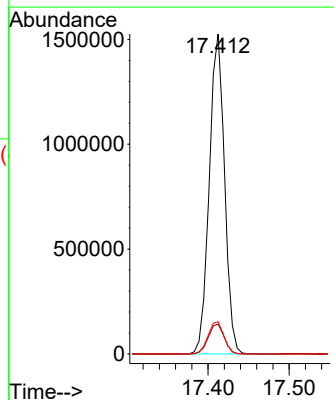
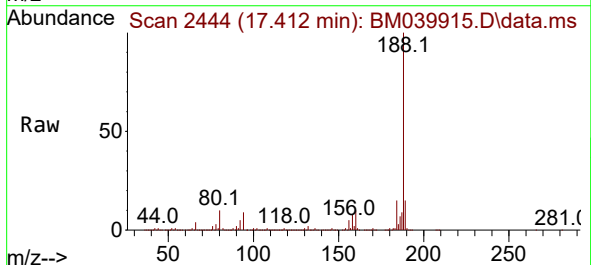
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

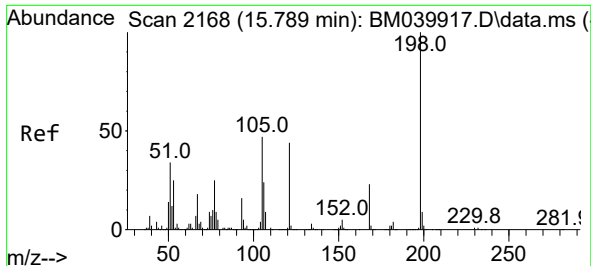
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 741475 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 21.5    | 6.2 46.2     |
| 105 19.5    | 1.4 41.4     |
| 51 23.6     | 2.8 42.8     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.412 min Scan# 2444  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

|              |               |
|--------------|---------------|
| Tgt Ion: 188 | Resp: 1988899 |
| Ion Ratio    | Lower Upper   |
| 188 100      |               |
| 94 9.3       | 7.5 11.3      |
| 80 10.1      | 8.0 12.0      |

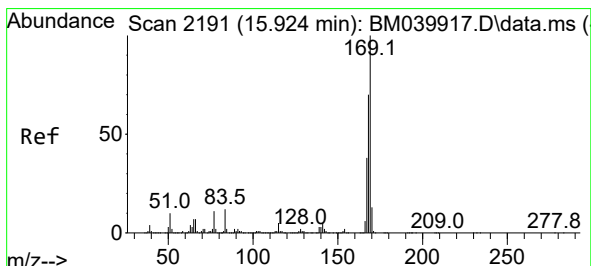
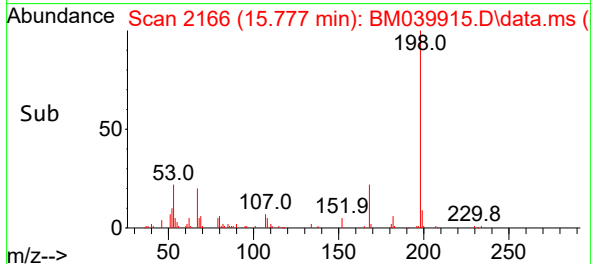
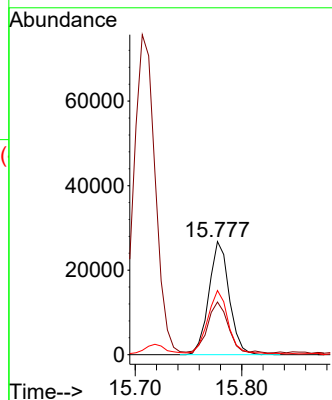
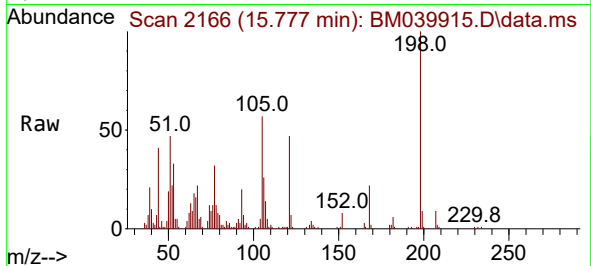




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.452 ng  
RT: 15.777 min Scan# 2166  
Delta R.T. -0.012 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

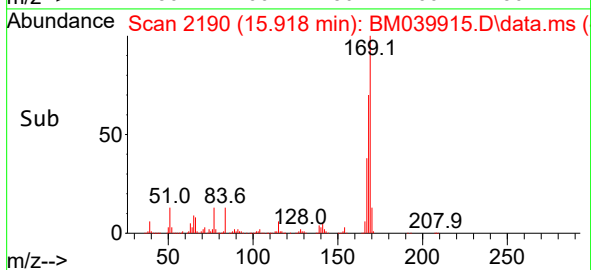
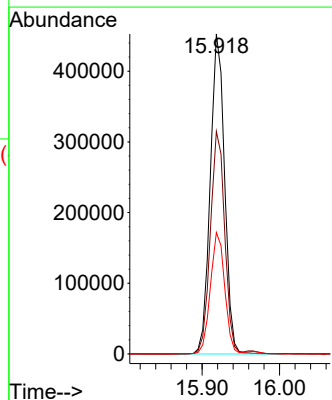
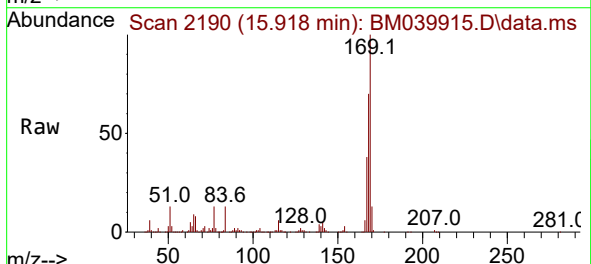
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

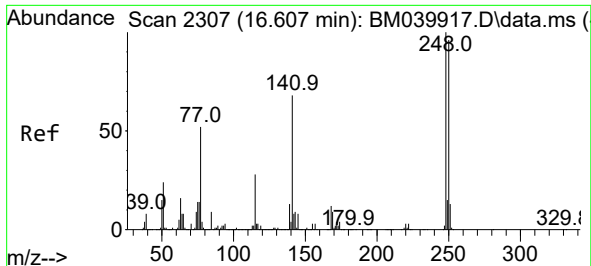
Tgt Ion:198 Resp: 35568  
Ion Ratio Lower Upper  
198 100  
51 46.6 16.0 56.0  
105 56.7 27.6 67.6



#66  
n-Nitrosodiphenylamine  
Concen: 8.468 ng  
RT: 15.918 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:169 Resp: 580381  
Ion Ratio Lower Upper  
169 100  
168 69.6 55.7 83.5  
167 38.0 30.2 45.4

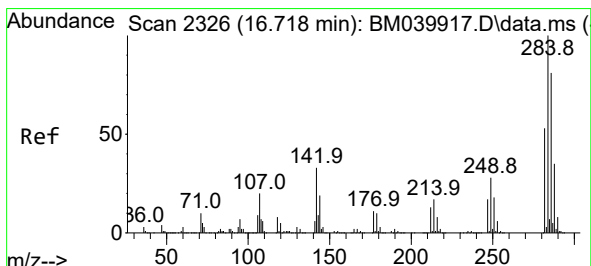
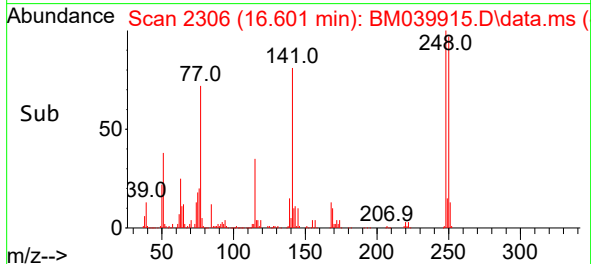
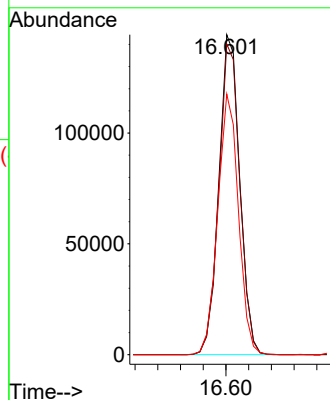
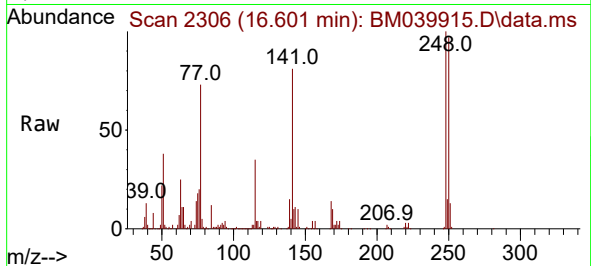




#67  
4-Bromophenyl-phenylether  
Concen: 7.964 ng  
RT: 16.601 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

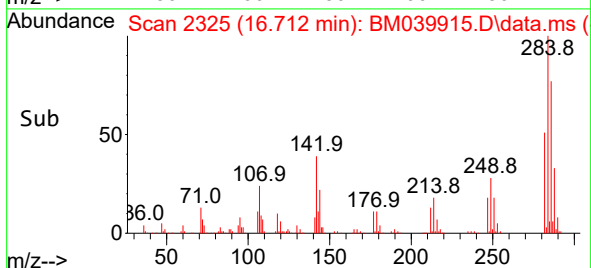
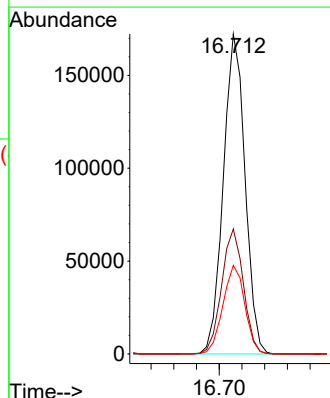
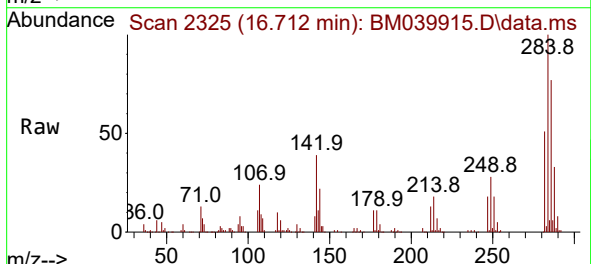
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

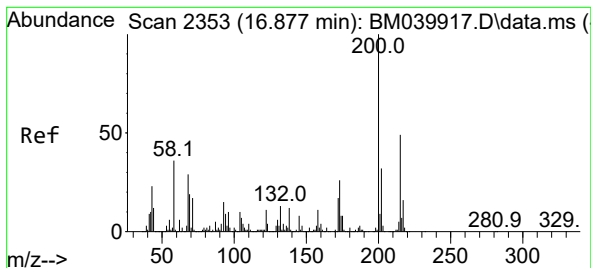
Tgt Ion:248 Resp: 184297  
Ion Ratio Lower Upper  
248 100  
250 97.1 77.2 115.8  
141 81.4 54.2 81.4#



#68  
Hexachlorobenzene  
Concen: 8.389 ng  
RT: 16.712 min Scan# 2325  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:284 Resp: 228562  
Ion Ratio Lower Upper  
284 100  
142 39.0 26.4 39.6  
249 27.7 22.3 33.5





#69

Atrazine

Concen: 8.226 ng

RT: 16.865 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

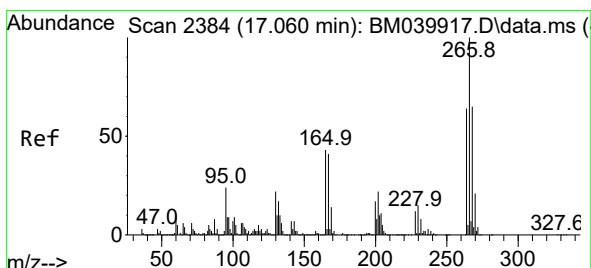
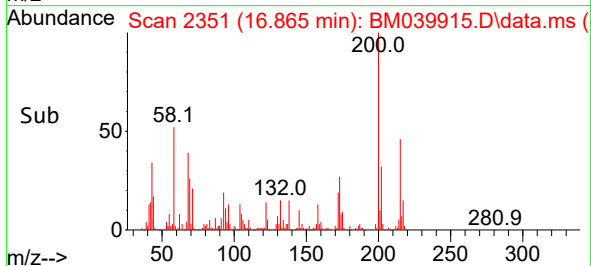
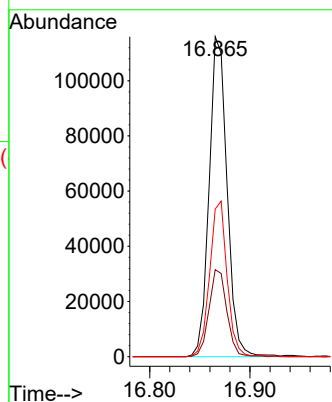
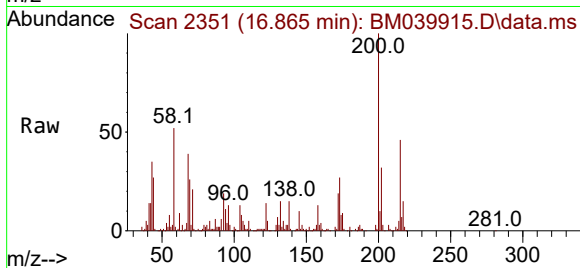
Tgt Ion:200 Resp: 144066

Ion Ratio Lower Upper

200 100

173 27.2 6.1 46.1

215 46.2 28.9 68.9



#70

Pentachlorophenol

Concen: 6.899 ng

RT: 17.054 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

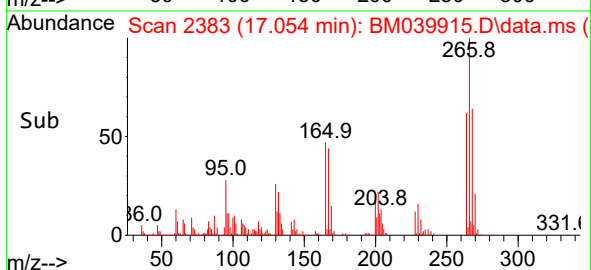
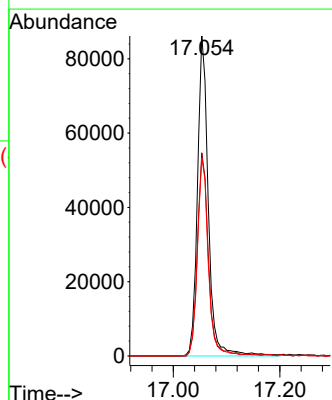
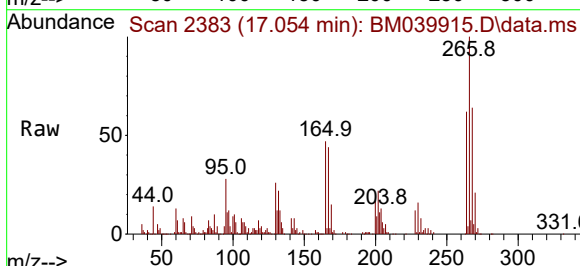
Tgt Ion:266 Resp: 121506

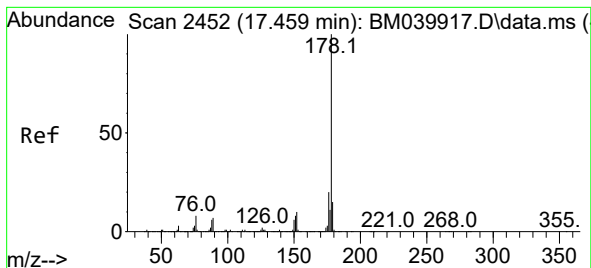
Ion Ratio Lower Upper

266 100

268 63.5 51.8 77.6

264 61.9 51.0 76.4





#71

Phenanthrene

Concen: 9.007 ng

RT: 17.454 min Scan# 2452

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

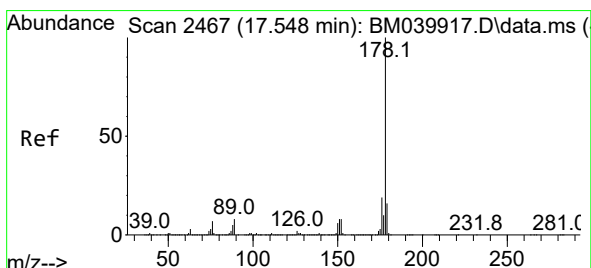
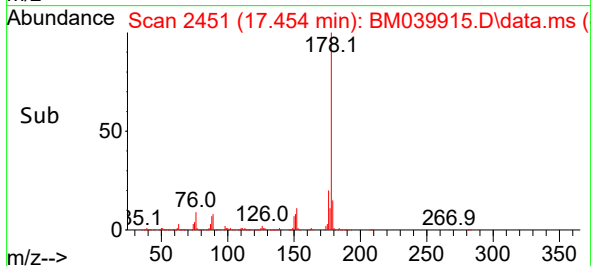
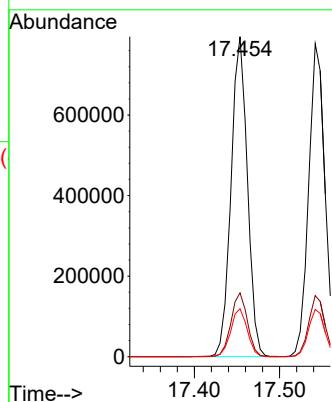
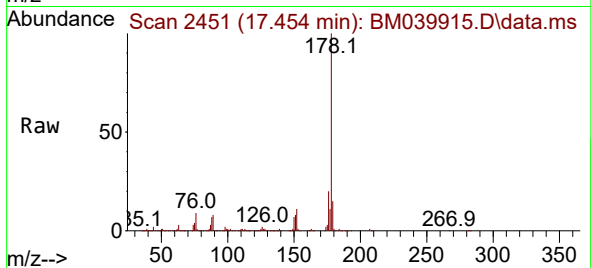
Tgt Ion:178 Resp: 1057536

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.0 12.3 18.5



#72

Anthracene

Concen: 8.781 ng

RT: 17.542 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

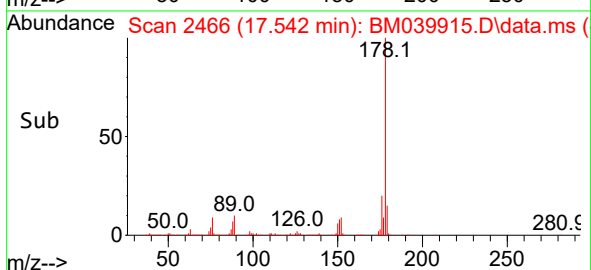
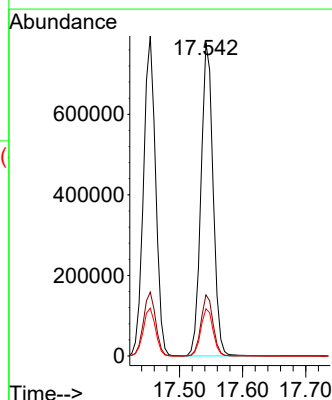
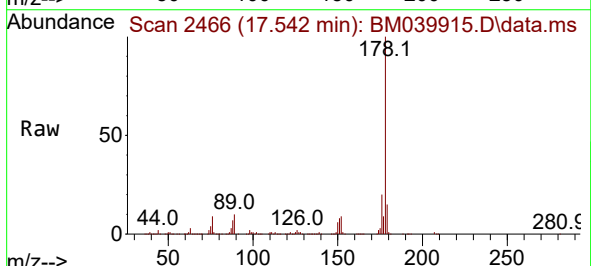
Tgt Ion:178 Resp: 1031817

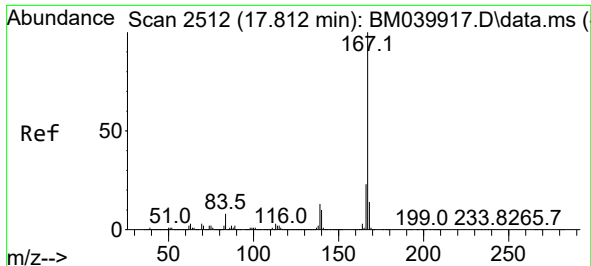
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.1 12.4 18.6

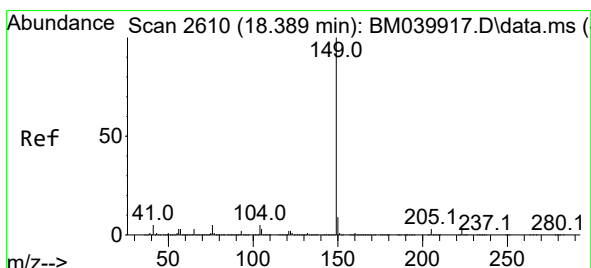
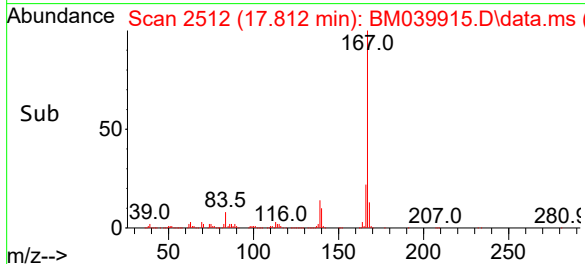
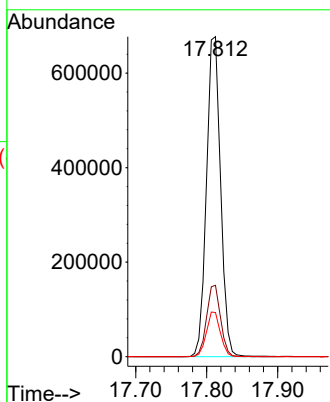
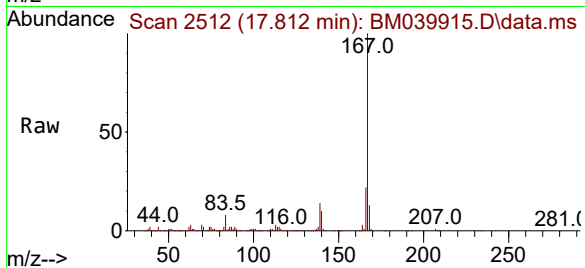




#73  
 Carbazole  
 Concen: 8.822 ng  
 RT: 17.812 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM039915.D  
 Acq: 12 May 2023 12:48

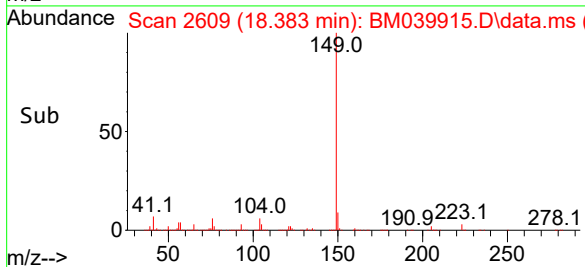
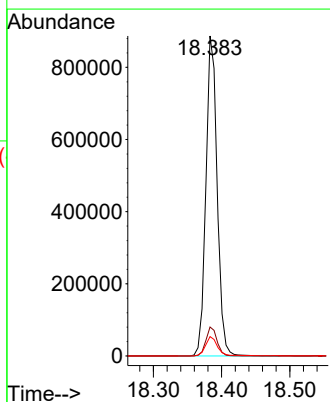
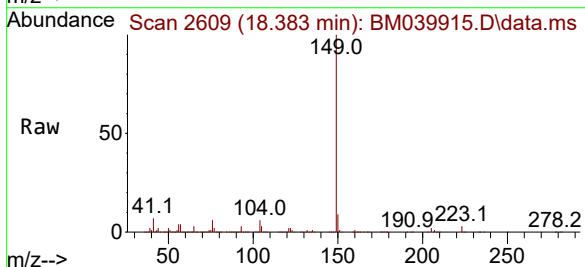
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

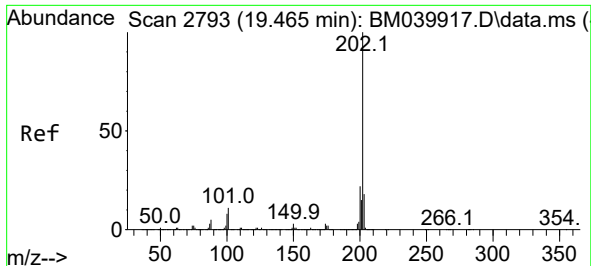
Tgt Ion:167 Resp: 935621  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.1 27.1  
 139 13.8 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 8.509 ng  
 RT: 18.383 min Scan# 2609  
 Delta R.T. -0.006 min  
 Lab File: BM039915.D  
 Acq: 12 May 2023 12:48

Tgt Ion:149 Resp: 1017318  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.5 11.3  
 104 6.0 4.2 6.2

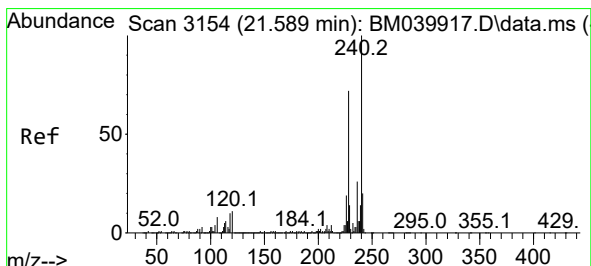
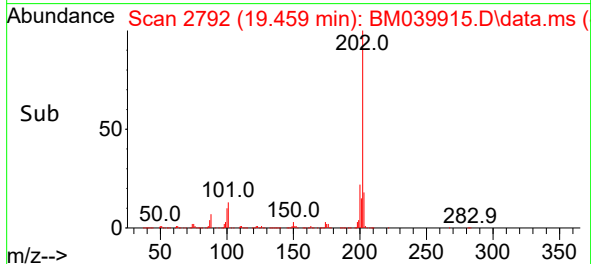
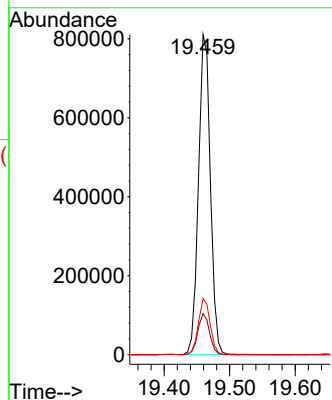
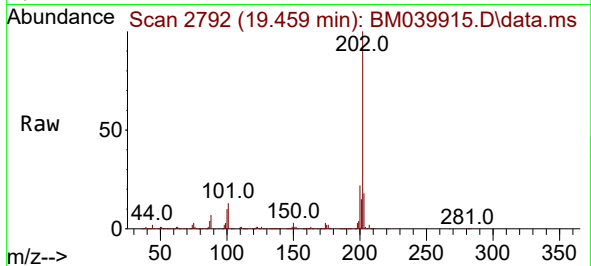




#75  
Fluoranthene  
Concen: 8.710 ng  
RT: 19.459 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

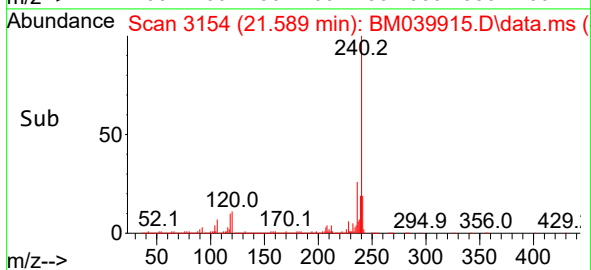
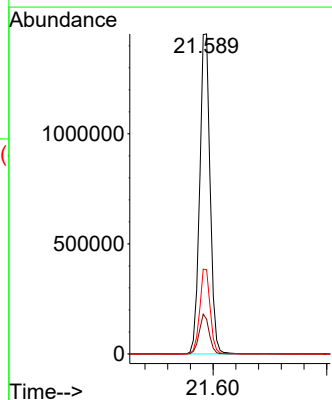
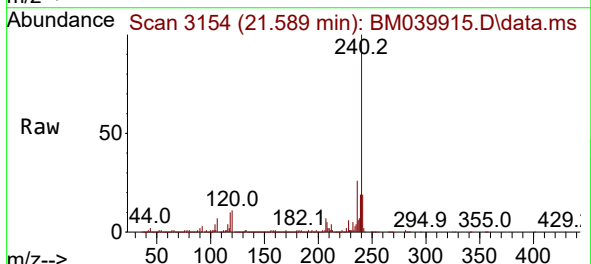
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

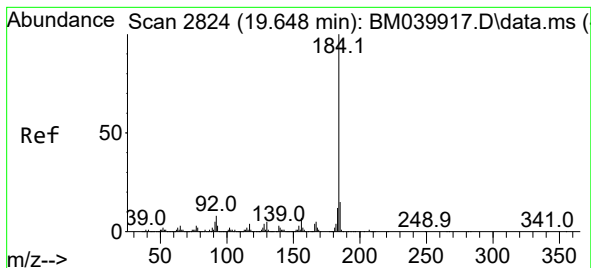
Tgt Ion:202 Resp: 1026963  
Ion Ratio Lower Upper  
202 100  
101 12.9 0.0 30.6  
203 17.5 0.0 38.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.589 min Scan# 3154  
Delta R.T. -0.000 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:240 Resp: 1853809  
Ion Ratio Lower Upper  
240 100  
120 10.8 9.0 13.4  
236 26.4 20.9 31.3





#77

Benzidine

Concen: 9.187 ng

RT: 19.648 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

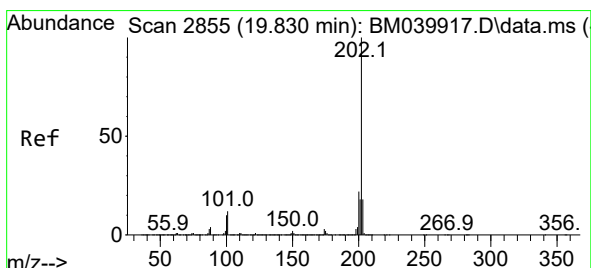
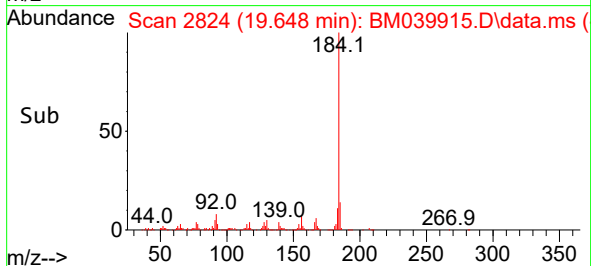
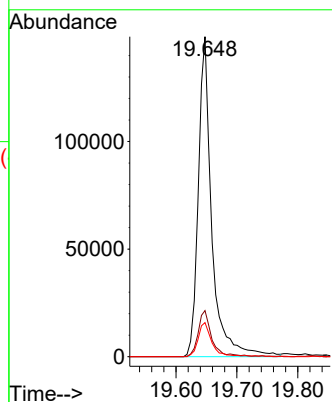
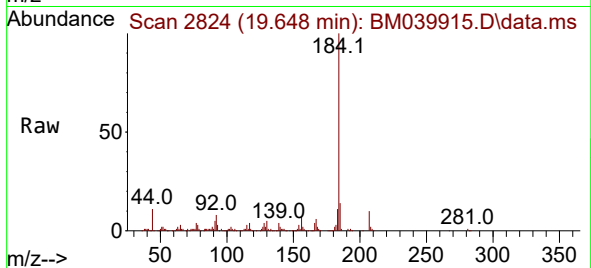
Tgt Ion:184 Resp: 229048

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

183 10.7 9.5 14.3



#78

Pyrene

Concen: 8.431 ng

RT: 19.824 min Scan# 2854

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

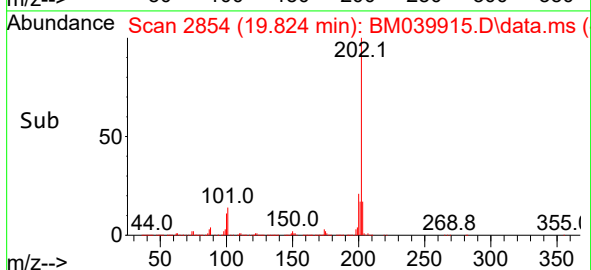
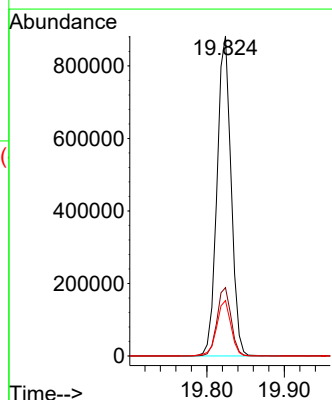
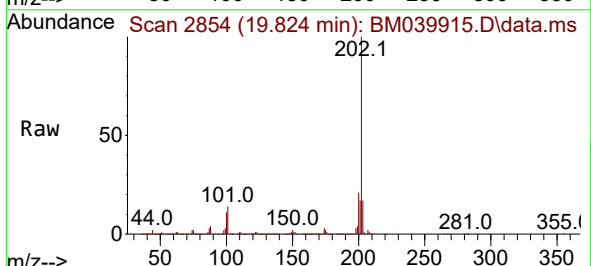
Tgt Ion:202 Resp: 1109568

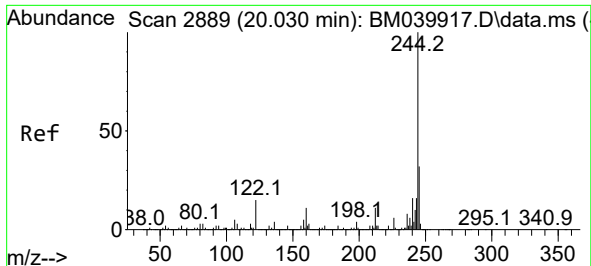
Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

203 17.3 14.2 21.2

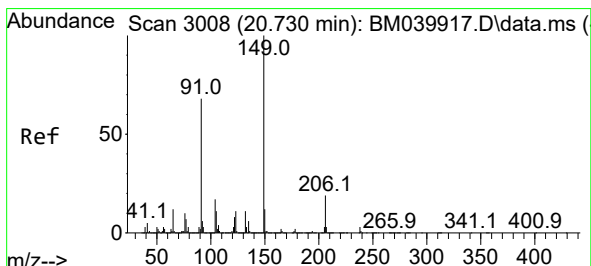
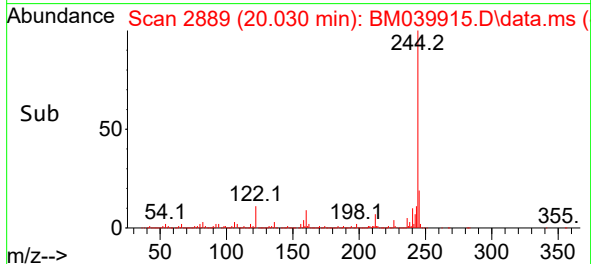
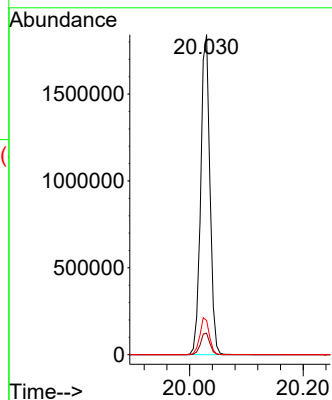
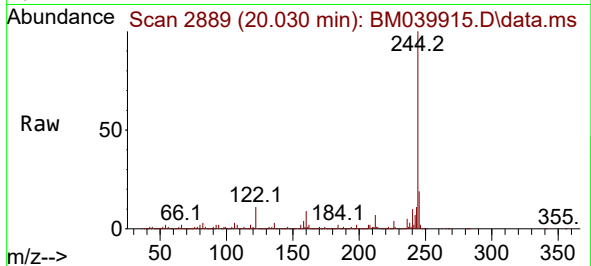




#79  
 Terphenyl-d14  
 Concen: 20.285 ng  
 RT: 20.030 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM039915.D  
 Acq: 12 May 2023 12:48

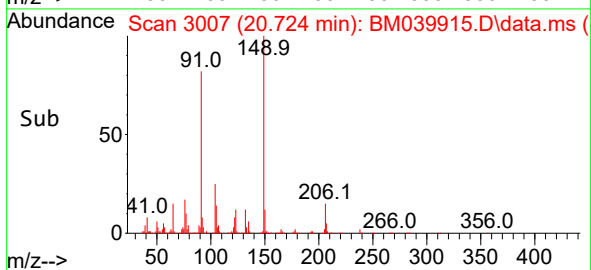
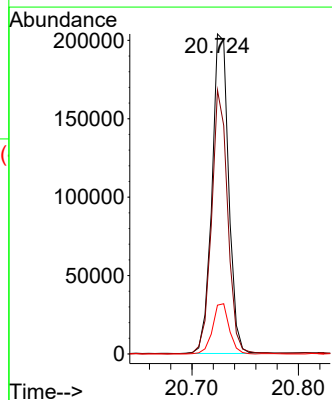
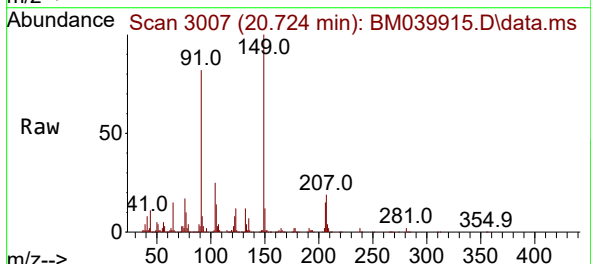
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

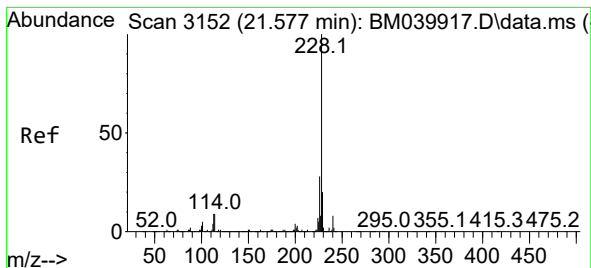
Tgt Ion:244 Resp: 2077793  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 8.5 12.7#  
 122 10.7 12.1 18.1#



#80  
 Butylbenzylphthalate  
 Concen: 5.404 ng  
 RT: 20.724 min Scan# 3007  
 Delta R.T. -0.006 min  
 Lab File: BM039915.D  
 Acq: 12 May 2023 12:48

Tgt Ion:149 Resp: 221768  
 Ion Ratio Lower Upper  
 149 100  
 91 82.4 54.5 81.7#  
 206 15.2 14.9 22.3





#81

Benzo(a)anthracene

Concen: 9.046 ng

RT: 21.571 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

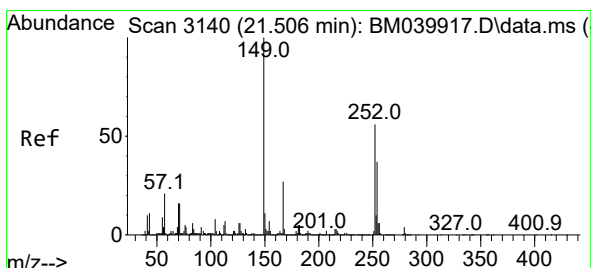
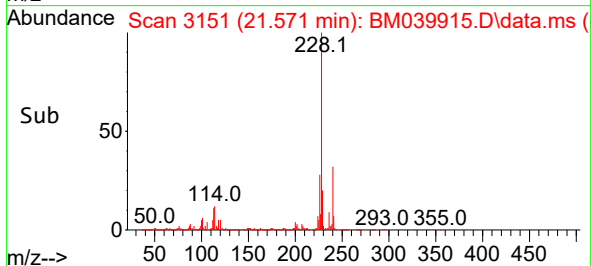
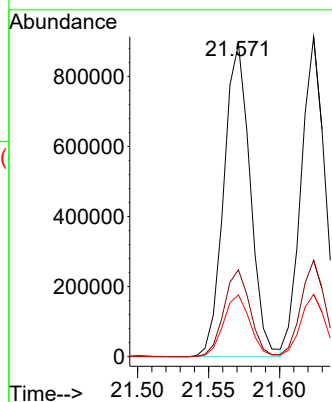
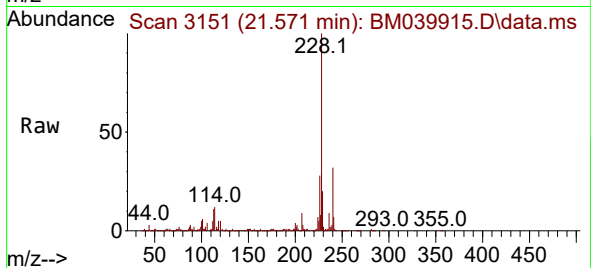
Tgt Ion:228 Resp: 1152074

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 6.383 ng

RT: 21.500 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

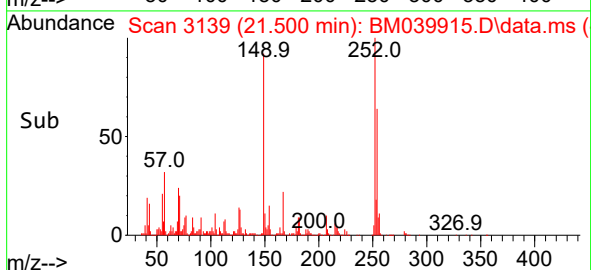
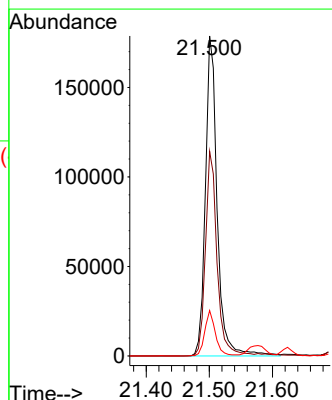
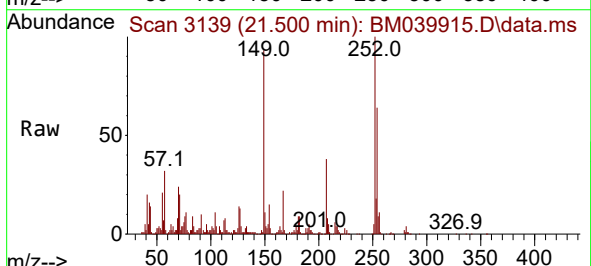
Tgt Ion:252 Resp: 231501

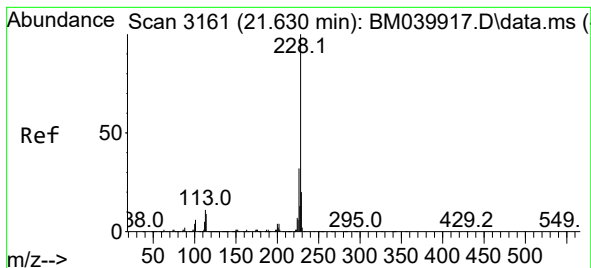
Ion Ratio Lower Upper

252 100

254 64.0 52.3 78.5

126 14.2 8.3 12.5#





#83

Chrysene

Concen: 8.951 ng

RT: 21.624 min Scan# 3160

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

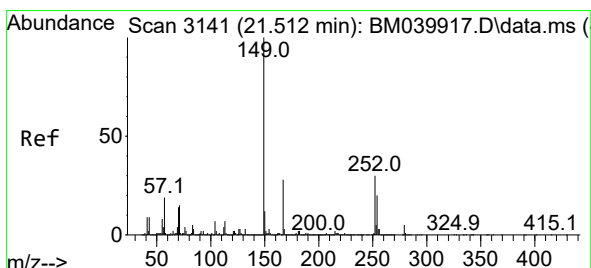
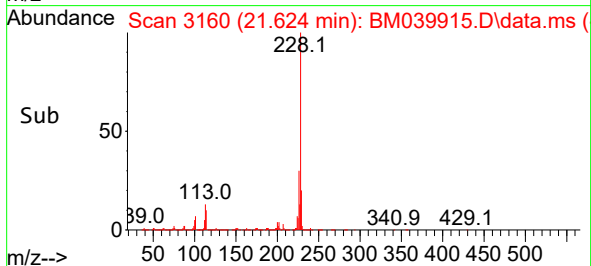
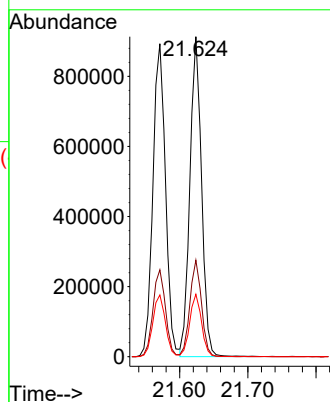
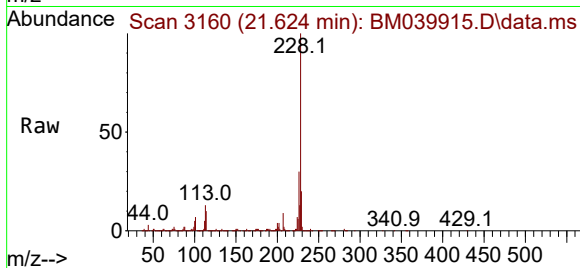
Tgt Ion:228 Resp: 1073809

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.0

229 19.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.682 ng

RT: 21.512 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

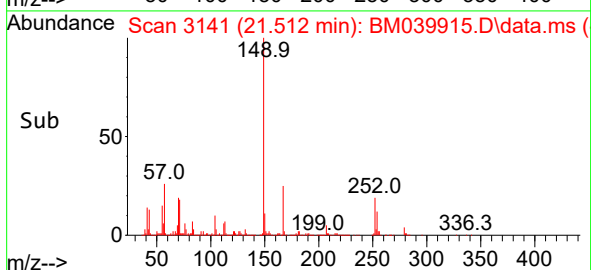
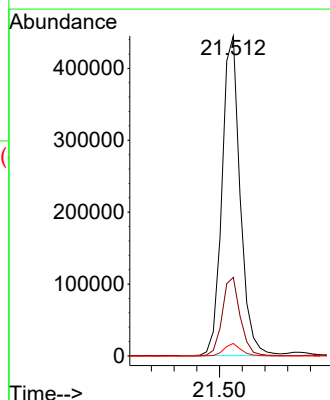
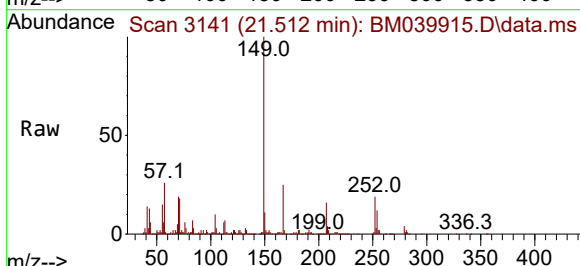
Tgt Ion:149 Resp: 494182

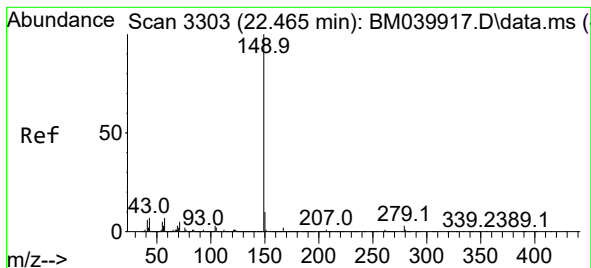
Ion Ratio Lower Upper

149 100

167 24.6 22.3 33.5

279 3.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 6.182 ng

RT: 22.465 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

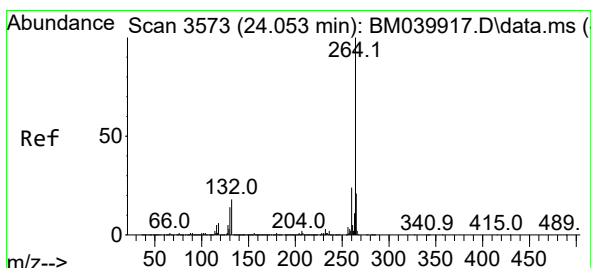
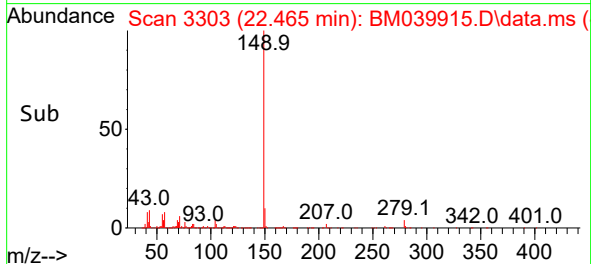
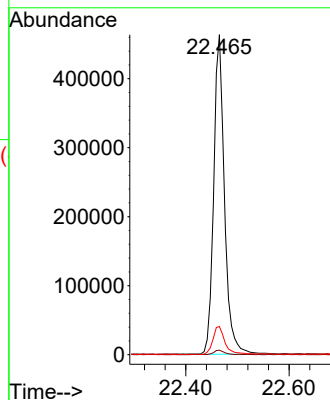
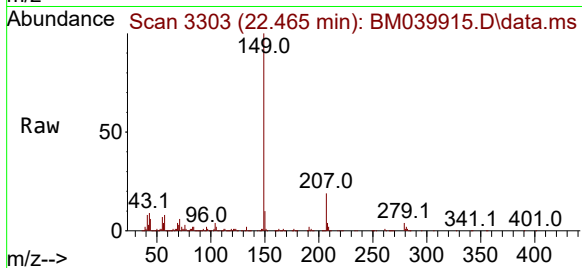
Tgt Ion:149 Resp: 670695

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.7 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.047 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

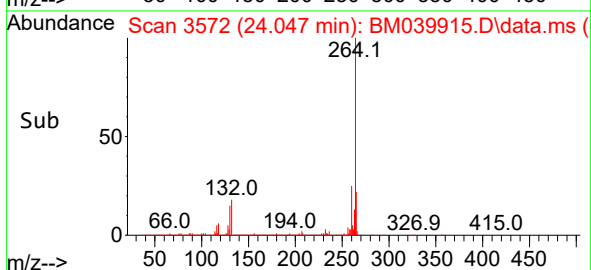
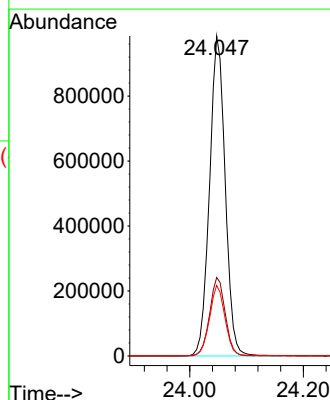
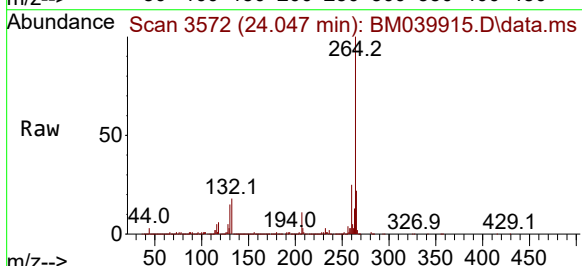
Tgt Ion:264 Resp: 1878601

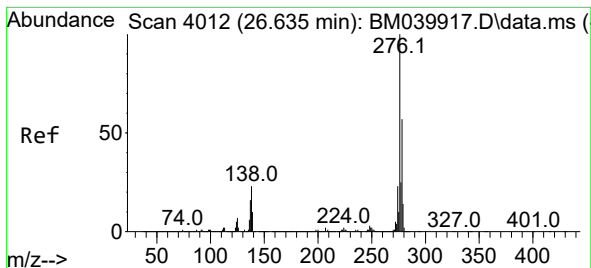
Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.342 ng

RT: 26.618 min Scan# 4012

Delta R.T. -0.018 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

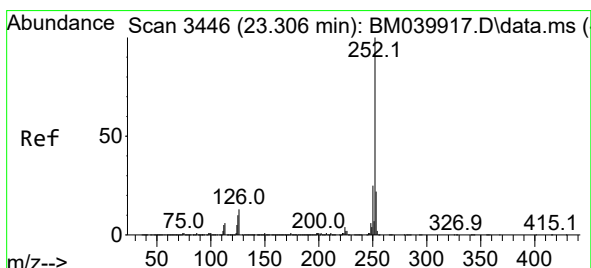
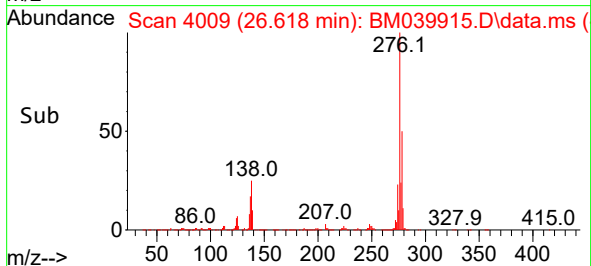
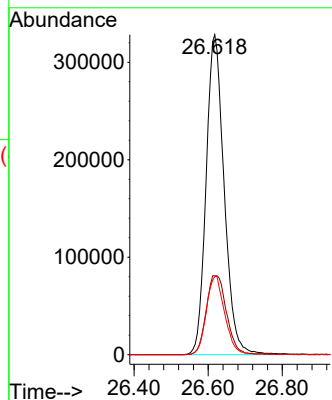
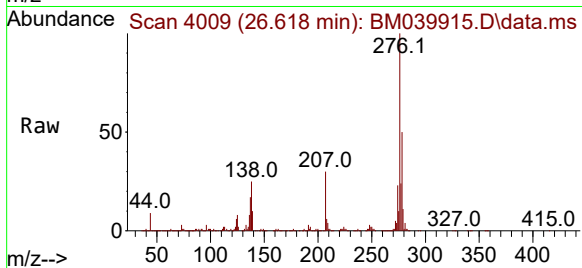
Tgt Ion:276 Resp: 1109270

Ion Ratio Lower Upper

276 100

138 27.8 19.8 29.8

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 8.155 ng

RT: 23.294 min Scan# 3444

Delta R.T. -0.012 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

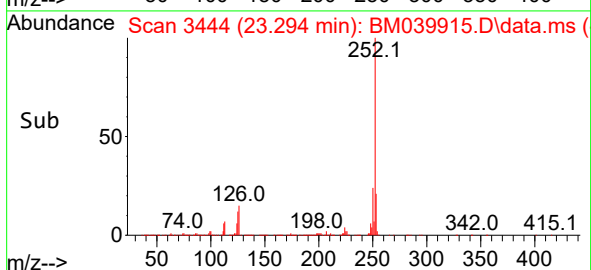
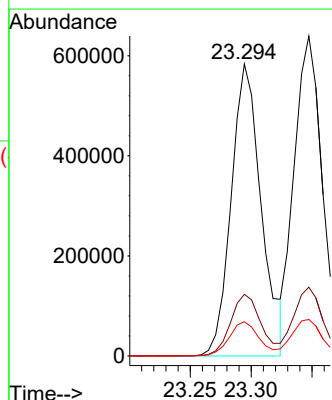
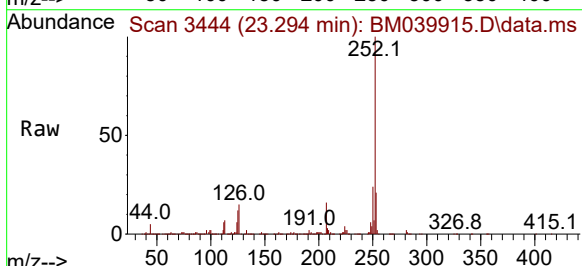
Tgt Ion:252 Resp: 1000385

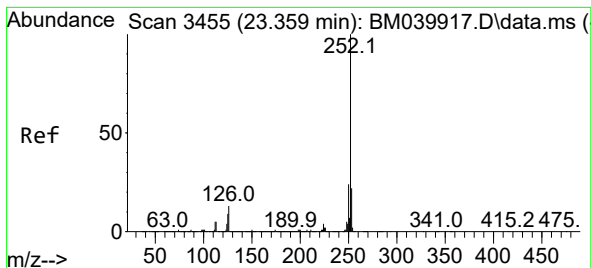
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

125 11.7 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 7.893 ng

RT: 23.347 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

Instrument :

BNA\_M

ClientSampleId :

SSTDICC010

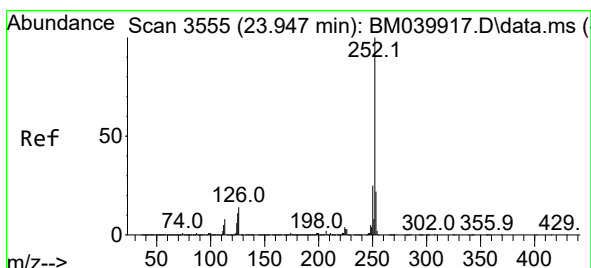
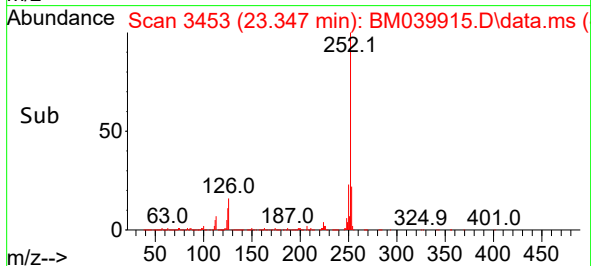
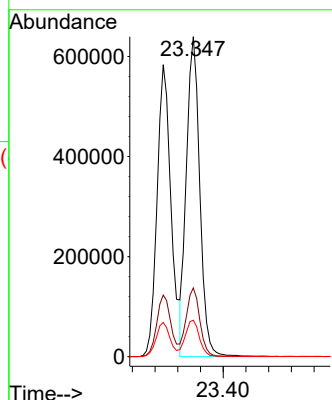
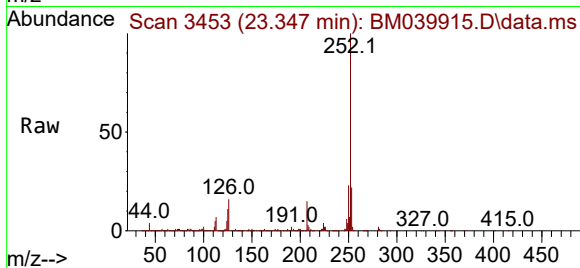
Tgt Ion:252 Resp: 1044535

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 11.4 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 7.981 ng

RT: 23.936 min Scan# 3553

Delta R.T. -0.012 min

Lab File: BM039915.D

Acq: 12 May 2023 12:48

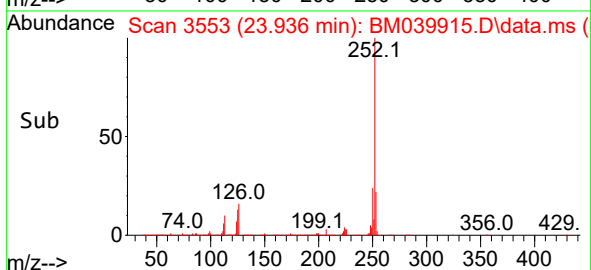
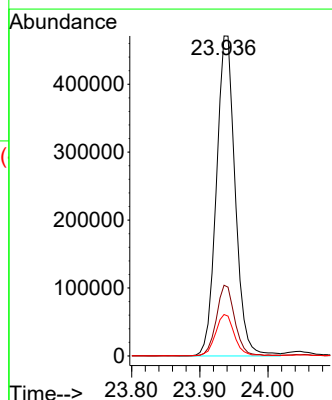
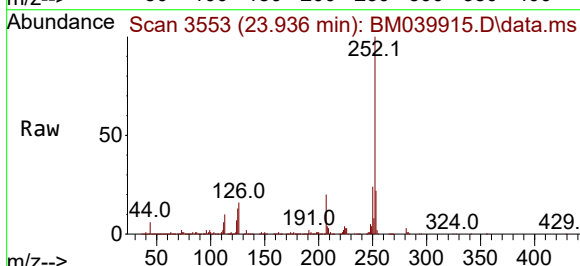
Tgt Ion:252 Resp: 904906

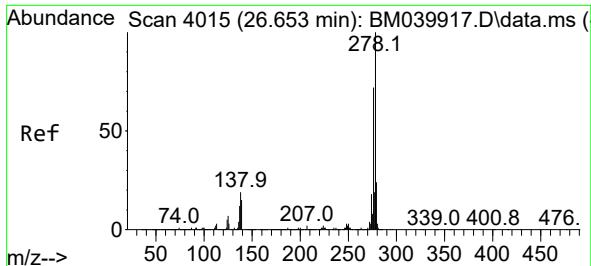
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 12.9 8.9 13.3

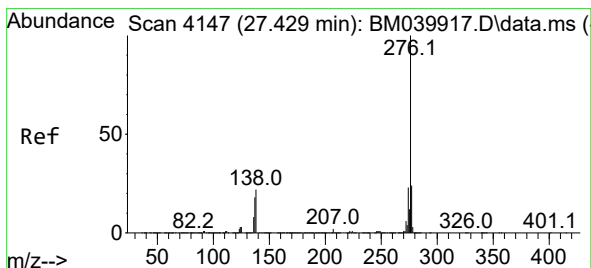
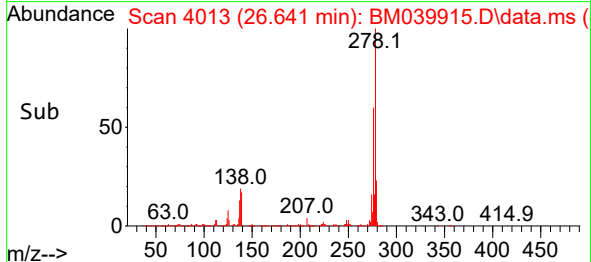
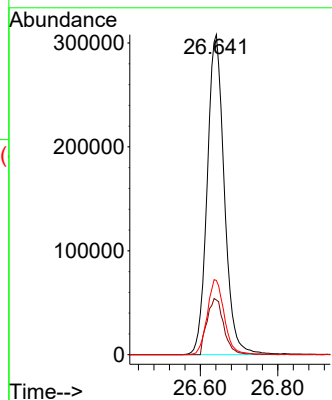
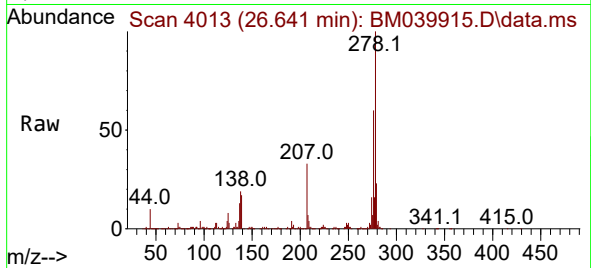




#91  
Dibenzo(a,h)anthracene  
Concen: 8.185 ng  
RT: 26.641 min Scan# 4015  
Delta R.T. -0.012 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

Tgt Ion:278 Resp: 944081  
Ion Ratio Lower Upper  
278 100  
139 17.1 12.2 18.4  
279 23.2 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 8.696 ng  
RT: 27.400 min Scan# 4142  
Delta R.T. -0.029 min  
Lab File: BM039915.D  
Acq: 12 May 2023 12:48

Tgt Ion:276 Resp: 863817  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.1 28.7  
138 23.9 17.4 26.2

