

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031623\  
 Data File : BM039019.D  
 Acq On : 16 Mar 2023 16:57  
 Operator : CG/JU  
 Sample : 01627-08  
 Misc : LOQ-WATER-10ppm  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 17 06:16:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM030823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 06:13:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.975  | 152  | 385126   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.792 | 136  | 1570350  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.616 | 164  | 937307   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.363 | 188  | 1884677  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.545 | 240  | 1510075  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.980 | 264  | 1423351  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 2061548  | 81.326 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.134  | 99   | 2749472  | 83.505 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.145  | 82   | 1973055  | 61.718 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.104 | 330  | 888783   | 81.967 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.245 | 172  | 4091445  | 56.825 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.986 | 244  | 5350325  | 64.779 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.399  | 88   | 76968    | 6.825  | ng    | 97       |
| 3) Pyridine                   | 3.805  | 79   | 262671   | 8.398  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 126580   | 9.946  | ng    | # 95     |
| 6) Aniline                    | 7.298  | 93   | 427822   | 9.896  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.534  | 128  | 266451   | 9.873  | ng    | 99       |
| 9) Benzaldehyde               | 7.110  | 77   | 183803   | 11.731 | ng    | 97       |
| 10) Phenol                    | 7.157  | 94   | 349910   | 10.007 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.398  | 93   | 284196   | 9.997  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.863  | 146  | 288650   | 10.065 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.010  | 146  | 290328   | 9.954  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.334  | 146  | 285015   | 10.144 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.216  | 79   | 238652   | 10.112 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.516  | 45   | 398755   | 11.107 | ng    | 99       |
| 17) 2-Methylphenol            | 8.416  | 107  | 223348   | 9.299  | ng    | 99       |
| 18) Hexachloroethane          | 9.063  | 117  | 109703   | 10.194 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.787  | 70   | 230828   | 11.130 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.745  | 107  | 299121   | 9.327  | ng    | 97       |
| 22) Acetophenone              | 8.804  | 105  | 312832   | 7.100  | ng    | # 98     |
| 24) Nitrobenzene              | 9.187  | 77   | 340403   | 10.131 | ng    | 97       |
| 25) Isophorone                | 9.710  | 82   | 608015   | 10.335 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.898  | 139  | 124868   | 9.403  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.957  | 122  | 249445   | 9.731  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.198 | 93   | 384080   | 10.161 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.434 | 162  | 223908   | 9.213  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.651 | 180  | 246545   | 9.284  | ng    | 100      |
| 31) Naphthalene               | 10.839 | 128  | 853124   | 9.527  | ng    | 99       |
| 32) Benzoic acid              | 10.034 | 122  | 105238   | 6.198  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.951 | 127  | 359001   | 9.408  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.128 | 225  | 138495   | 9.094  | ng    | 99       |
| 35) Caprolactam               | 11.722 | 113  | 65231    | 8.819  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.063 | 107  | 259300   | 10.020 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.445 | 142  | 569644   | 9.491  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.663 | 142  | 532890   | 9.475  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.810 | 216  | 186120   | 6.108  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.792 | 237  | 186107   | 11.127 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.051 | 196  | 170233   | 8.627  | ng    | 99       |

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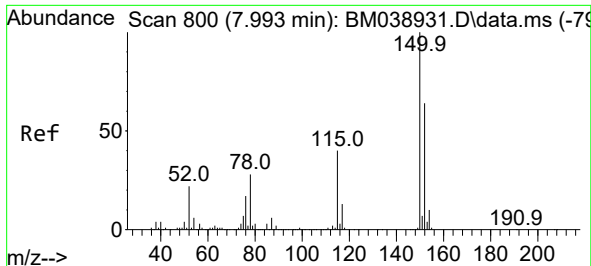
Quant Time: Mar 17 06:16:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM030823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 06:13:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.116 | 196  | 184901   | 8.006  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.451 | 154  | 534965   | 6.737  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.498 | 162  | 570637   | 9.530  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.698 | 65   | 163446   | 9.505  | ng    | 97       |
| 49) Acenaphthylene            | 14.339 | 152  | 878553   | 9.211  | ng    | 100      |
| 50) Dimethylphthalate         | 14.075 | 163  | 699716   | 9.701  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.192 | 165  | 137648   | 9.386  | ng    | 92       |
| 52) Acenaphthene              | 14.680 | 154  | 552270   | 9.422  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.522 | 138  | 154426   | 9.084  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.722 | 184  | 71173    | 9.006  | ng    | 97       |
| 55) Dibenzofuran              | 15.016 | 168  | 865202   | 9.433  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.816 | 139  | 161042   | 11.243 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.974 | 165  | 173371   | 9.232  | ng    | 89       |
| 58) Fluorene                  | 15.663 | 166  | 686681   | 9.557  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.239 | 232  | 166457   | 9.345  | ng    | 99       |
| 60) Diethylphthalate          | 15.433 | 149  | 687303   | 9.794  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.657 | 204  | 324684   | 9.198  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.680 | 138  | 154294   | 9.095  | ng    | 97       |
| 63) Azobenzene                | 15.951 | 77   | 739984   | 9.965  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 198  | 97002    | 8.597  | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 15.868 | 169  | 575079   | 9.051  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.551 | 248  | 185386   | 9.107  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.663 | 284  | 213359   | 9.376  | ng    | 95       |
| 69) Atrazine                  | 16.821 | 200  | 122799   | 7.076  | ng    | 98       |
| 70) Pentachlorophenol         | 17.010 | 266  | 151879   | 9.074  | ng    | 98       |
| 71) Phenanthrene              | 17.404 | 178  | 1035510  | 9.362  | ng    | 99       |
| 72) Anthracene                | 17.492 | 178  | 1018222  | 9.231  | ng    | 99       |
| 73) Carbazole                 | 17.762 | 167  | 951025   | 9.447  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.327 | 149  | 1062167  | 9.498  | ng    | 99       |
| 75) Fluoranthene              | 19.415 | 202  | 1051201  | 9.001  | ng    | 99       |
| 77) Benzidine                 | 19.604 | 184  | 318167   | 10.109 | ng    | 99       |
| 78) Pyrene                    | 19.780 | 202  | 1115045  | 9.831  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.674 | 149  | 402287   | 9.550  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.527 | 228  | 995581   | 9.155  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.456 | 252  | 232560   | 6.958  | ng    | 99       |
| 83) Chrysene                  | 21.580 | 228  | 963729   | 9.112  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.456 | 149  | 598301   | 9.678  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.392 | 149  | 904096   | 8.469  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.515 | 276  | 914930   | 8.448  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.239 | 252  | 909313   | 10.000 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.286 | 252  | 863198   | 9.121  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.868 | 252  | 728812   | 8.328  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.538 | 278  | 783153   | 8.538  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.297 | 276  | 743243   | 8.282  | ng    | 98       |

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

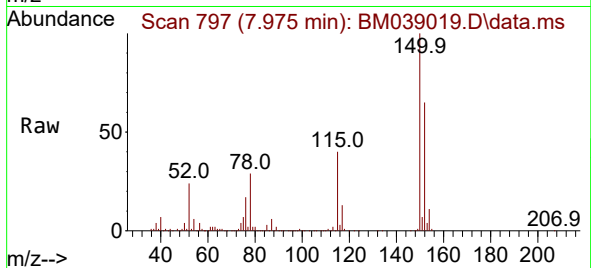
Quant Time: Mar 17 06:16:35 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM030823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 17 06:13:01 2023  
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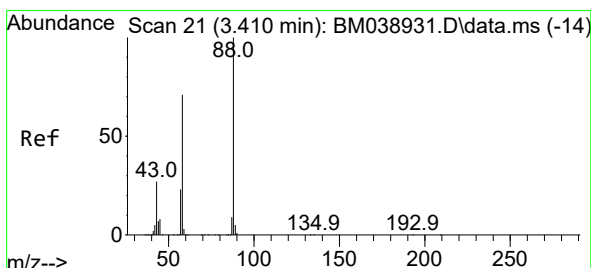
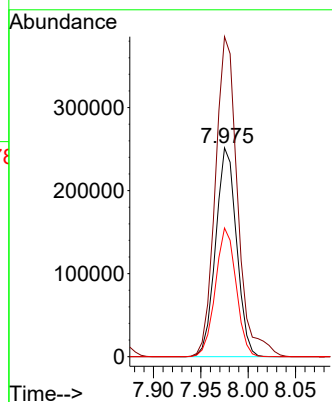
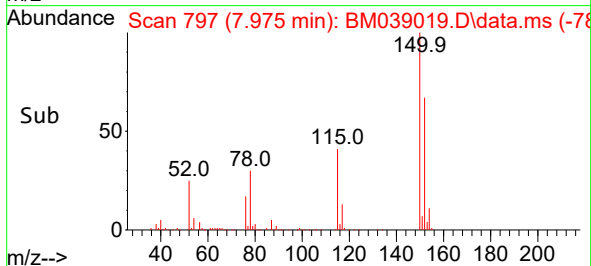


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.975 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

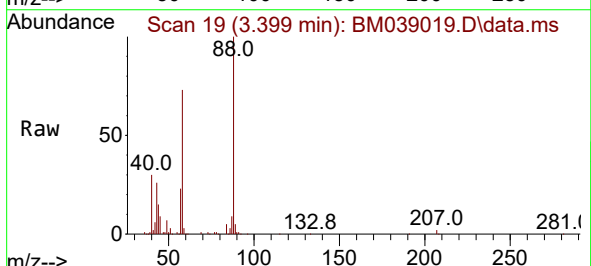
Instrument :  
BNA\_M  
ClientSampleId :



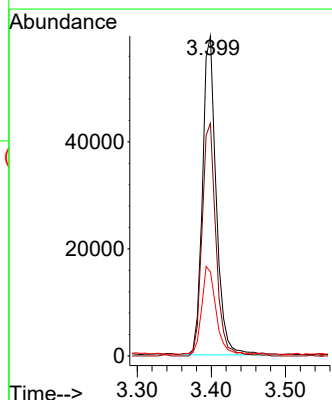
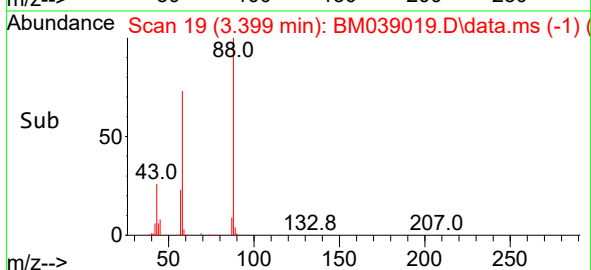
Tgt Ion:152 Resp: 385126  
Ion Ratio Lower Upper  
152 100  
150 153.2 125.1 187.7  
115 61.6 49.6 74.4

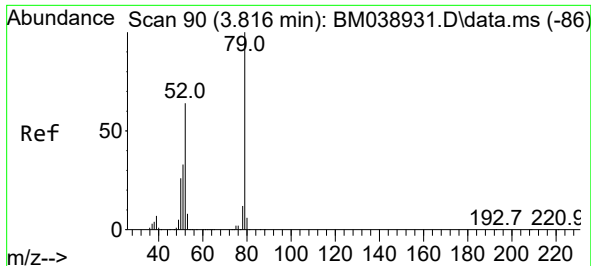


#2  
1,4-Dioxane  
Concen: 6.825 ng  
RT: 3.399 min Scan# 19  
Delta R.T. 0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57



Tgt Ion: 88 Resp: 76968  
Ion Ratio Lower Upper  
88 100  
58 73.8 57.2 85.8  
43 28.6 22.0 33.0

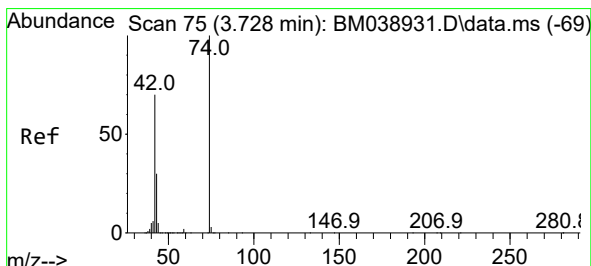
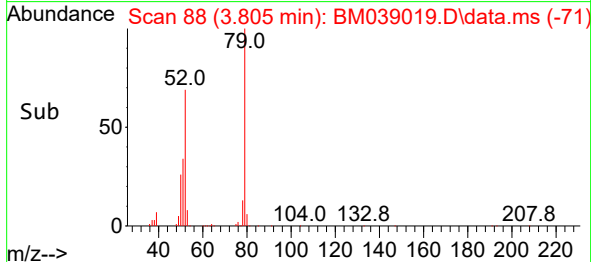
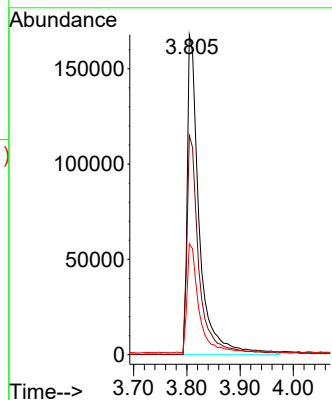
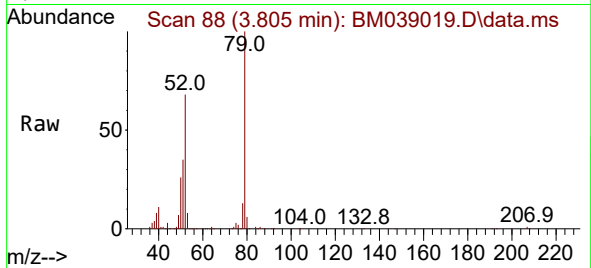




#3  
Pyridine  
Concen: 8.398 ng  
RT: 3.805 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

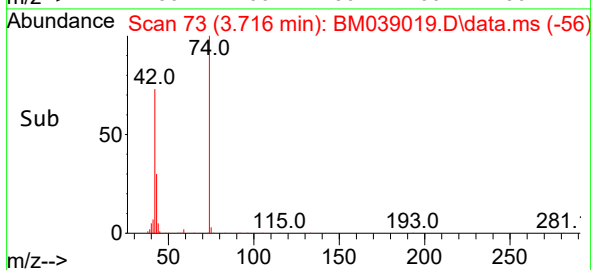
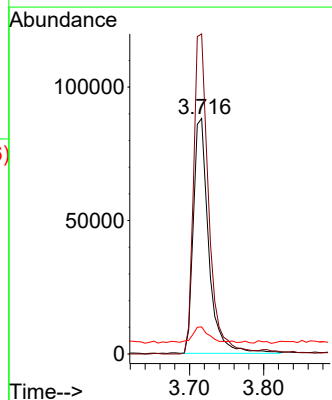
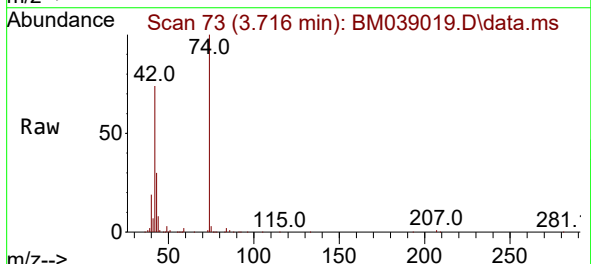
Instrument :  
BNA\_M  
ClientSampleId :

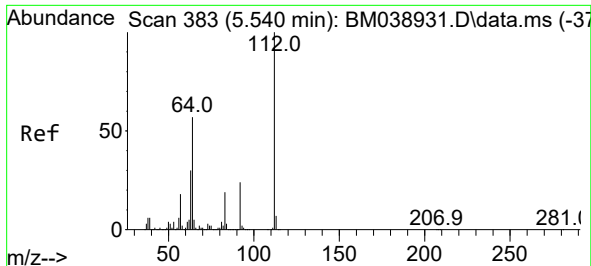
Tgt Ion: 79 Resp: 262671  
Ion Ratio Lower Upper  
79 100  
52 68.5 51.4 77.2  
51 34.7 26.6 40.0



#4  
n-Nitrosodimethylamine  
Concen: 9.946 ng  
RT: 3.716 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

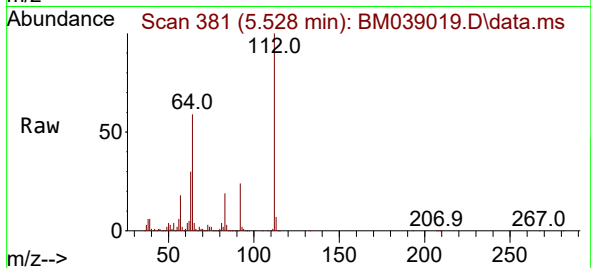
Tgt Ion: 42 Resp: 126580  
Ion Ratio Lower Upper  
42 100  
74 135.9 113.8 170.8  
44 11.5 6.2 9.2



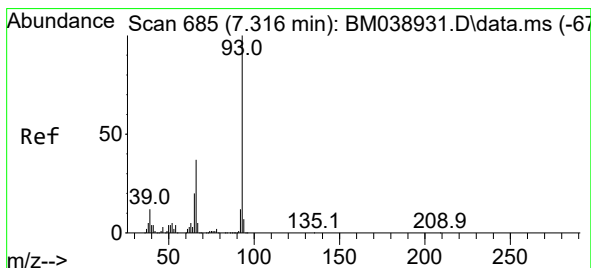
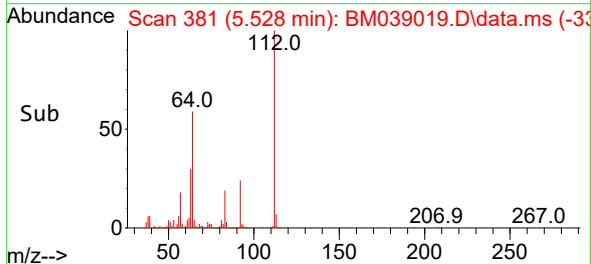
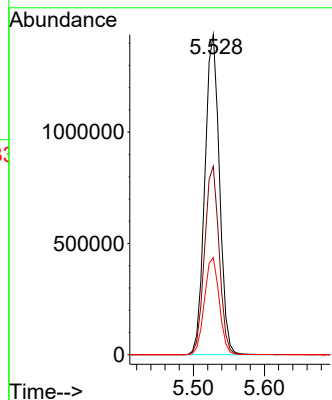


#5  
2-Fluorophenol  
Concen: 81.326 ng  
RT: 5.528 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Instrument :  
BNA\_M  
ClientSampleId :

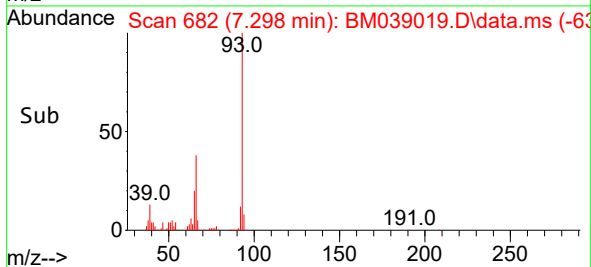
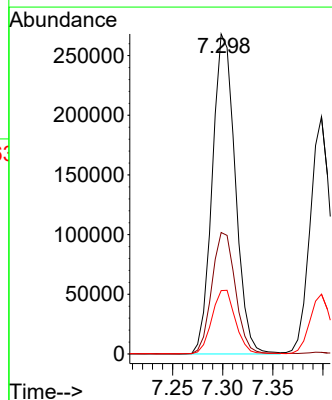
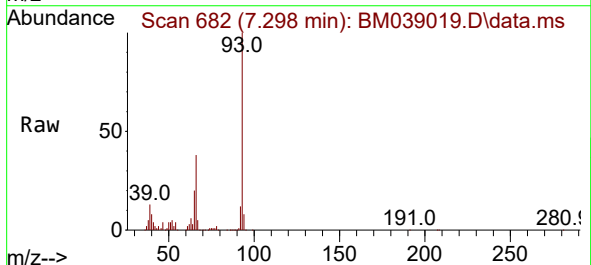


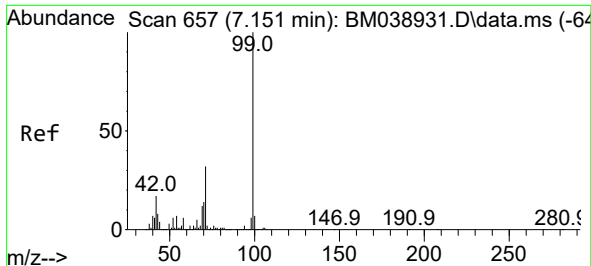
Tgt Ion:112 Resp: 2061548  
Ion Ratio Lower Upper  
112 100  
64 58.9 45.9 68.9  
63 30.4 23.8 35.8



#6  
Aniline  
Concen: 9.896 ng  
RT: 7.298 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion: 93 Resp: 427822  
Ion Ratio Lower Upper  
93 100  
66 38.0 30.0 45.0  
65 19.8 15.8 23.6

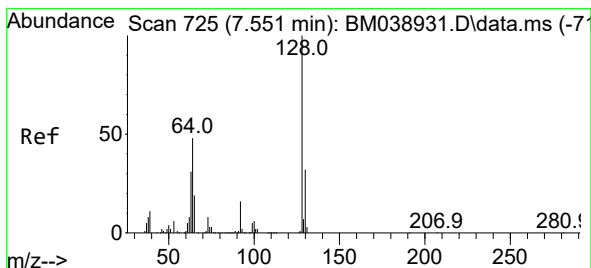
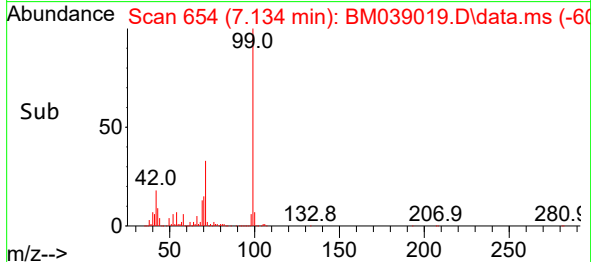
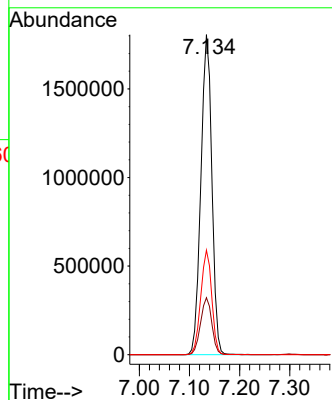
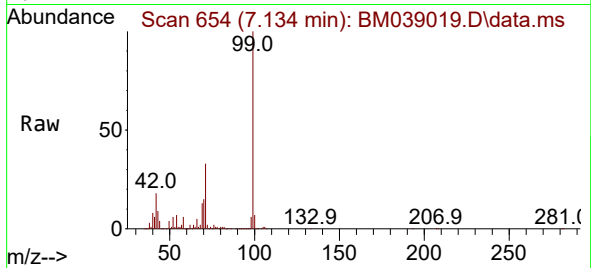




#7  
Phenol-d6  
Concen: 83.505 ng  
RT: 7.134 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

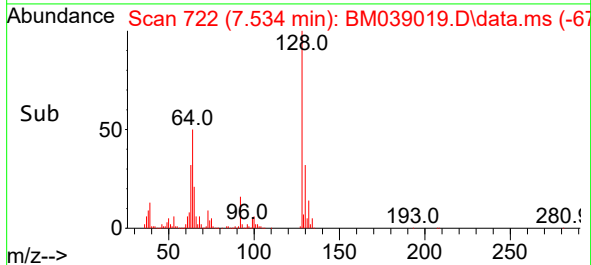
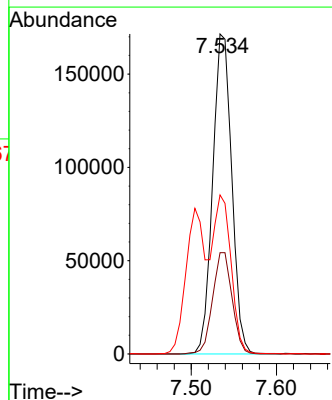
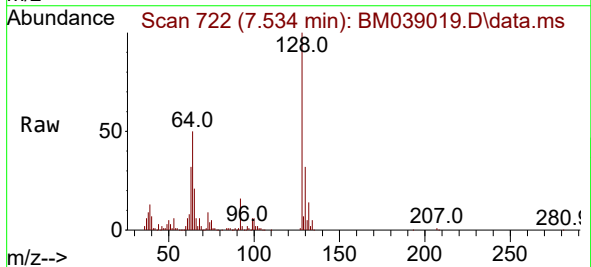
Instrument :  
BNA\_M  
ClientSampleId :

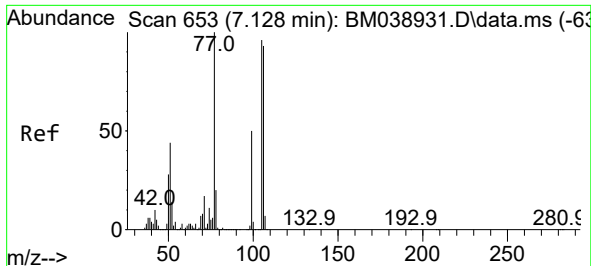
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Ion Ratio Lower Upper  
99 100  
42 17.8 13.5 20.3  
71 32.7 25.6 38.4



#8  
2-Chlorophenol  
Concen: 9.873 ng  
RT: 7.534 min Scan# 722  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion: 128 Resp: 266451  
Ion Ratio Lower Upper  
128 100  
130 31.6 11.9 51.9  
64 49.7 28.6 68.6

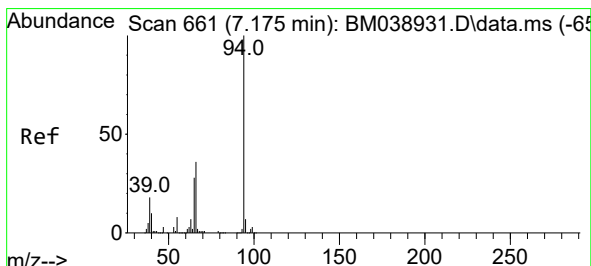
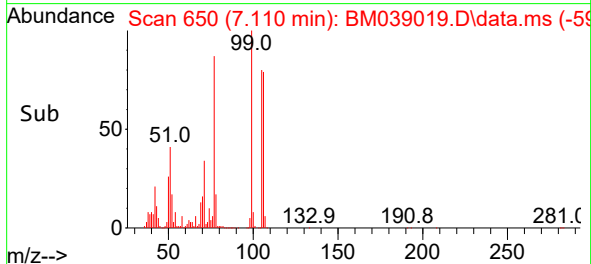
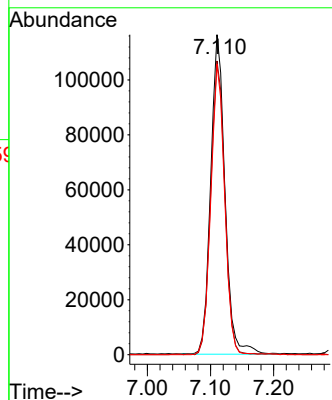
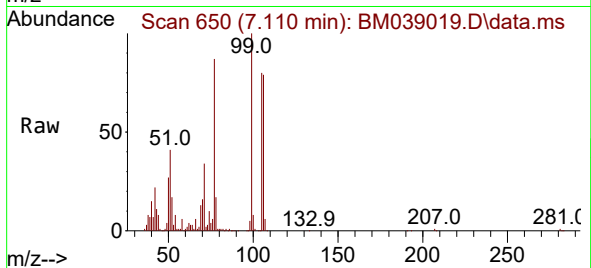




#9  
Benzaldehyde  
Concen: 11.731 ng  
RT: 7.110 min Scan# 653  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

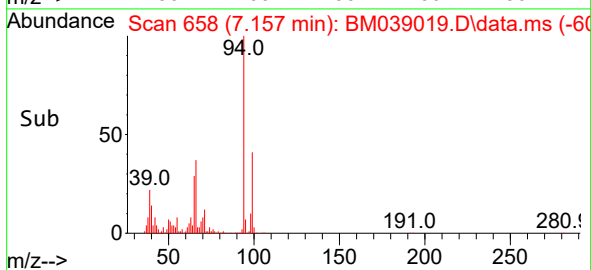
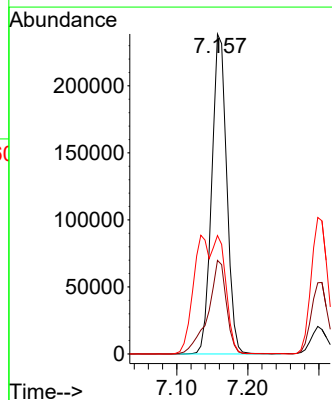
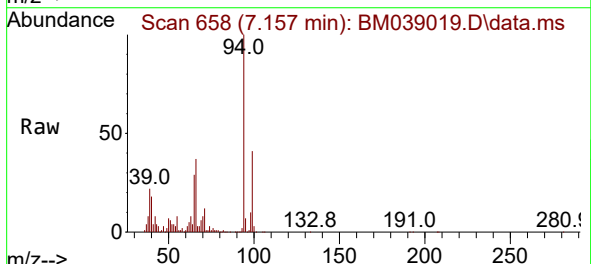
Instrument :  
BNA\_M  
ClientSampleId :

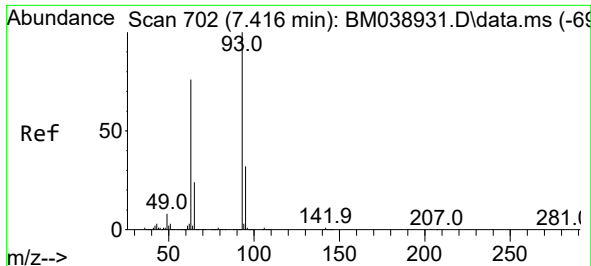
Tgt Ion: 77 Resp: 183803  
Ion Ratio Lower Upper  
77 100  
105 91.8 75.8 115.8  
106 90.8 72.6 112.6



#10  
Phenol  
Concen: 10.007 ng  
RT: 7.157 min Scan# 658  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion: 94 Resp: 349910  
Ion Ratio Lower Upper  
94 100  
65 29.2 7.9 47.9  
66 37.0 15.8 55.8

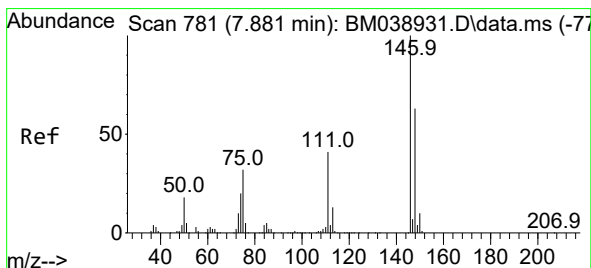
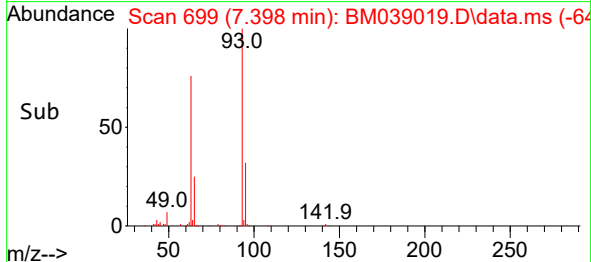
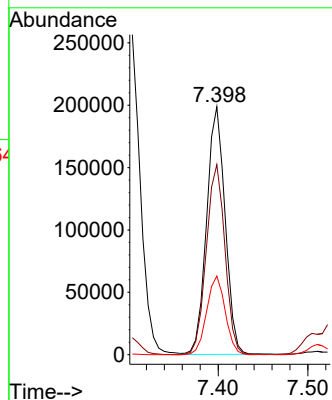
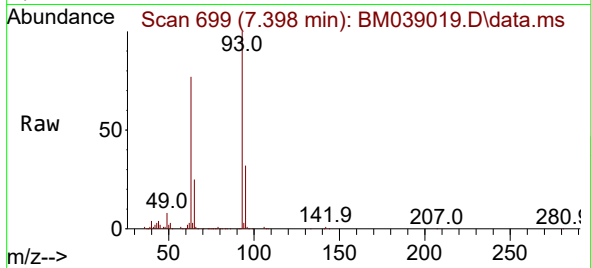




#11  
bis(2-Chloroethyl)ether  
Concen: 9.997 ng  
RT: 7.398 min Scan# 699  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

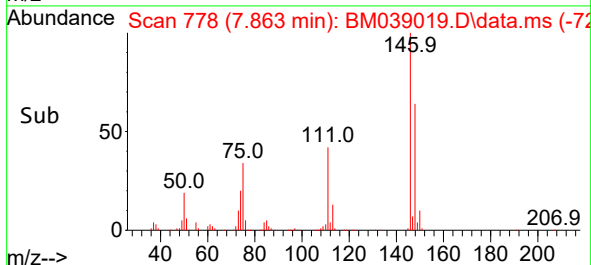
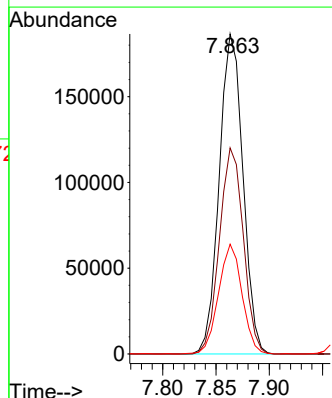
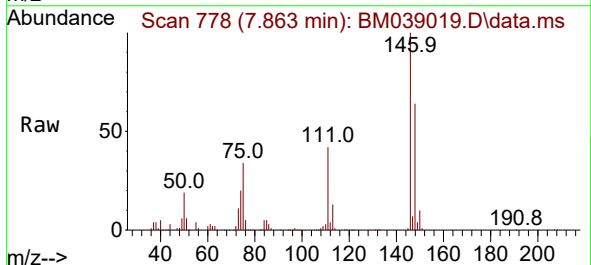
Instrument :  
BNA\_M  
ClientSampleId :

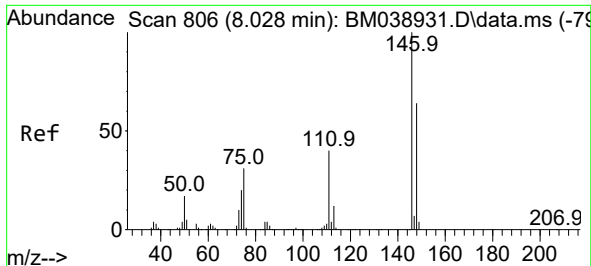
Tgt Ion: 93 Resp: 284196  
Ion Ratio Lower Upper  
93 100  
63 76.6 55.8 95.8  
95 31.8 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 10.065 ng  
RT: 7.863 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion: 146 Resp: 288650  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.6 75.8  
75 34.3 26.0 39.0

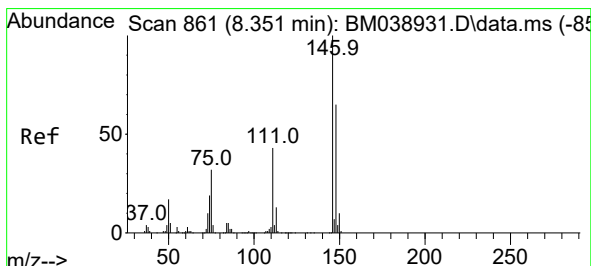
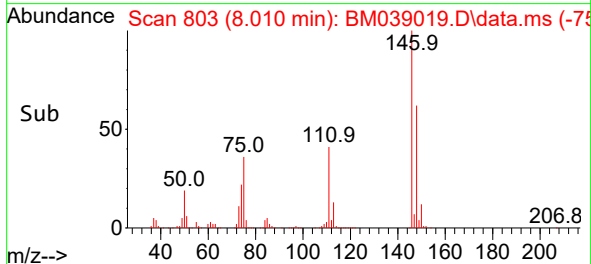
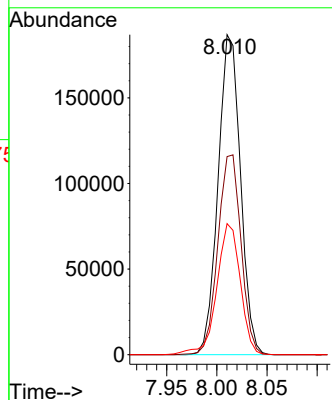
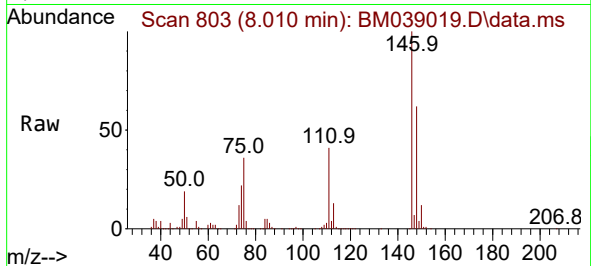




#13  
1,4-Dichlorobenzene  
Concen: 9.954 ng  
RT: 8.010 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

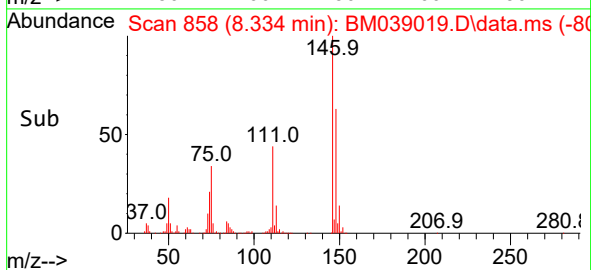
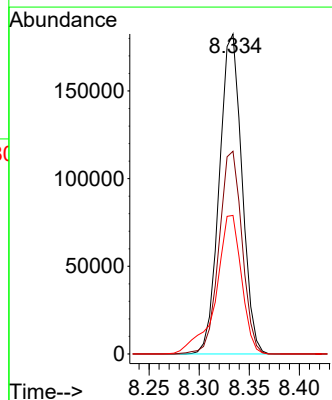
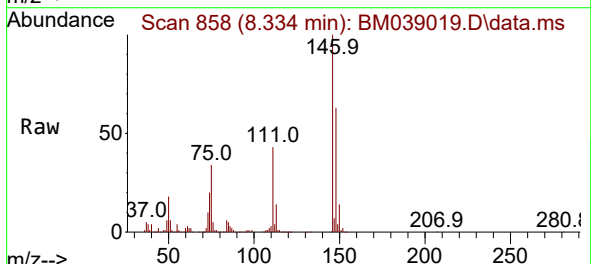
Instrument :  
BNA\_M  
ClientSampleId :

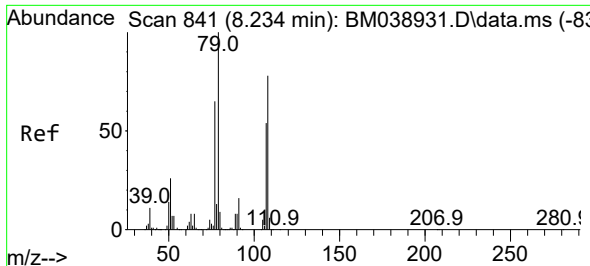
Tgt Ion:146 Resp: 290328  
Ion Ratio Lower Upper  
146 100  
148 61.9 51.0 76.4  
111 41.0 32.2 48.4



#14  
1,2-Dichlorobenzene  
Concen: 10.144 ng  
RT: 8.334 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:146 Resp: 285015  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.7 77.5  
111 43.3 34.2 51.4

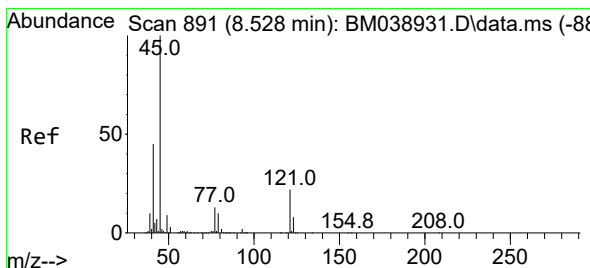
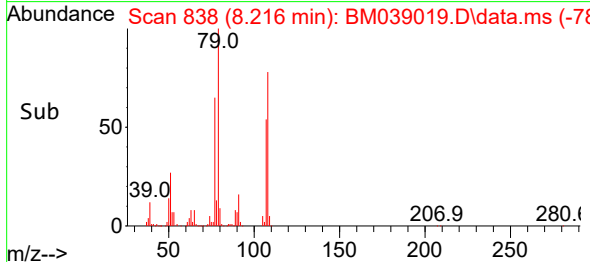
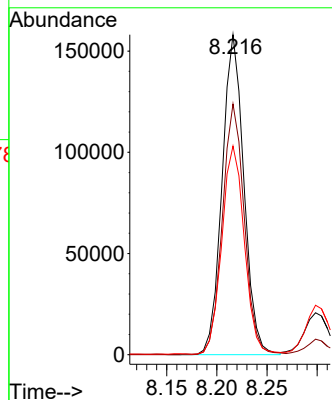
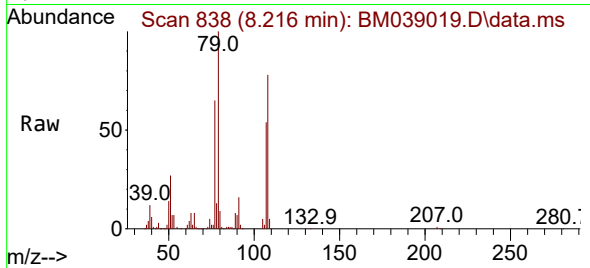




#15  
Benzyl Alcohol  
Concen: 10.112 ng  
RT: 8.216 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

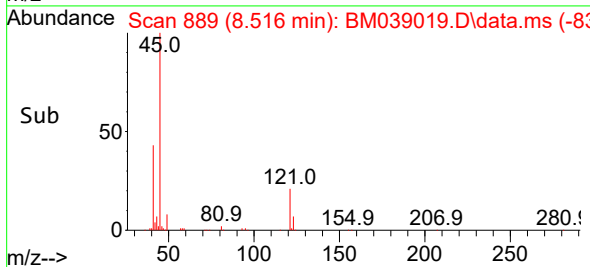
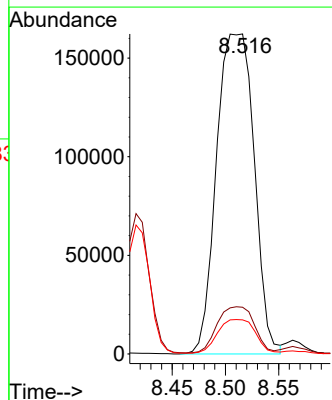
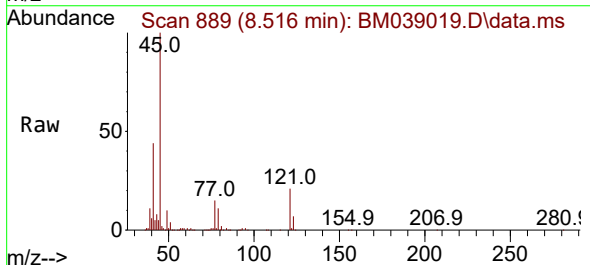
Instrument :  
BNA\_M  
ClientSampleId :

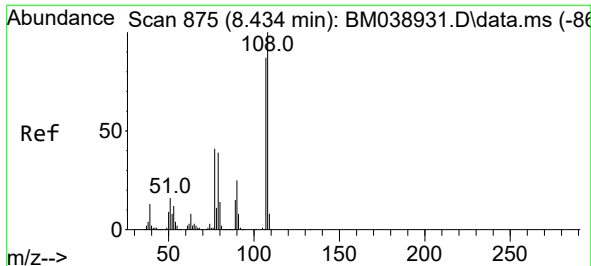
Tgt Ion: 79 Resp: 238652  
Ion Ratio Lower Upper  
79 100  
108 78.4 62.4 93.6  
77 65.2 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 11.107 ng  
RT: 8.516 min Scan# 889  
Delta R.T. 0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

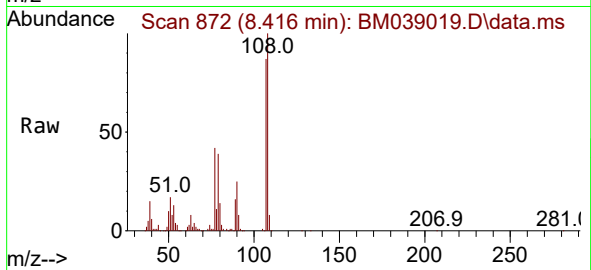
Tgt Ion: 45 Resp: 398755  
Ion Ratio Lower Upper  
45 100  
77 14.6 0.0 34.8  
79 10.6 0.0 31.5



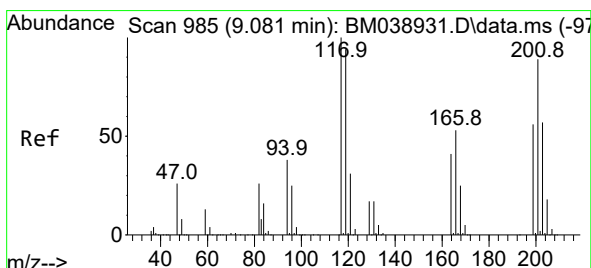
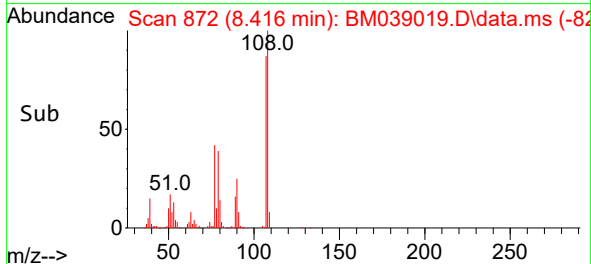
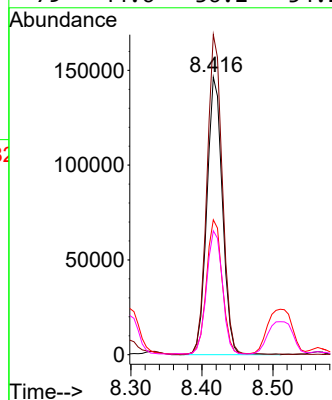


#17  
2-Methylphenol  
Concen: 9.299 ng  
RT: 8.416 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Instrument :  
BNA\_M  
ClientSampleId :

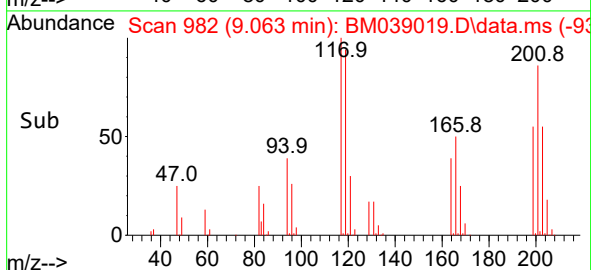
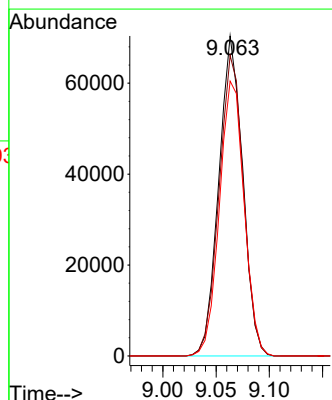
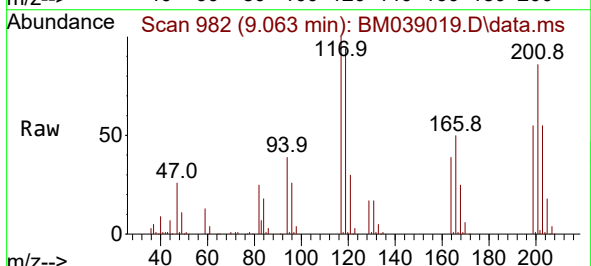


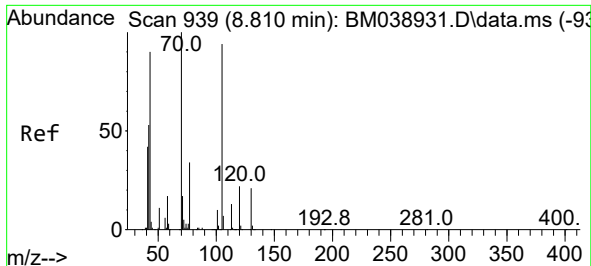
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 223348 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.2 | 91.7  | 137.5  |
| 77       | 48.6  | 37.4  | 56.2   |
| 79       | 44.6  | 36.2  | 54.2   |



#18  
Hexachloroethane  
Concen: 10.194 ng  
RT: 9.063 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 109703 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.9  | 75.4  | 113.0  |
| 201      | 87.8  | 71.3  | 106.9  |





#19

n-Nitroso-di-n-propylamine

Concen: 11.130 ng

RT: 8.787 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

Tgt Ion: 70 Resp: 230828

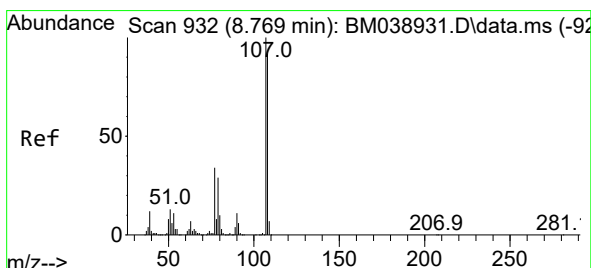
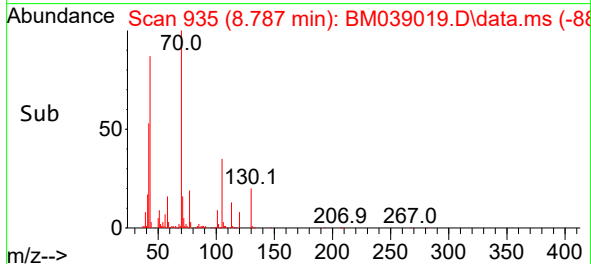
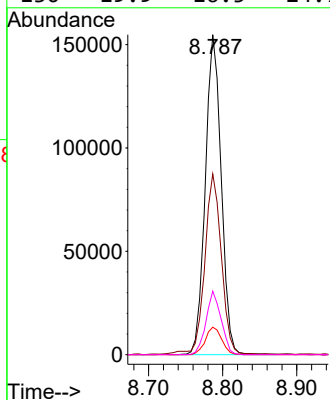
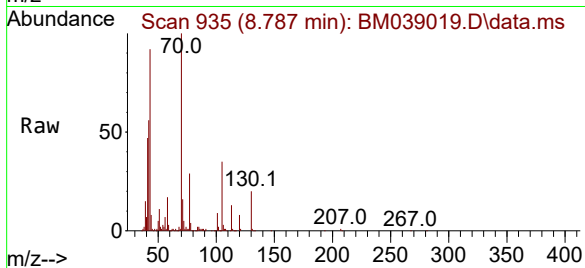
Ion Ratio Lower Upper

70 100

42 56.5 43.4 65.2

101 8.6 7.6 11.4

130 19.9 16.5 24.7



#20

3+4-Methylphenols

Concen: 9.327 ng

RT: 8.745 min Scan# 928

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Tgt Ion: 107 Resp: 299121

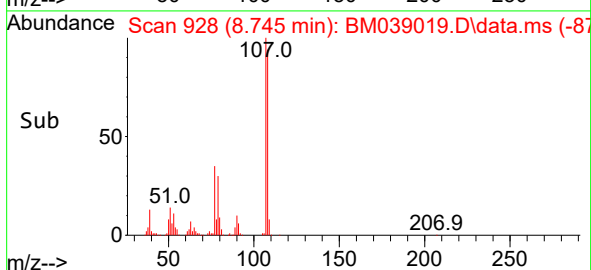
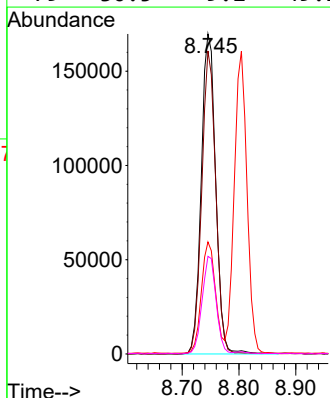
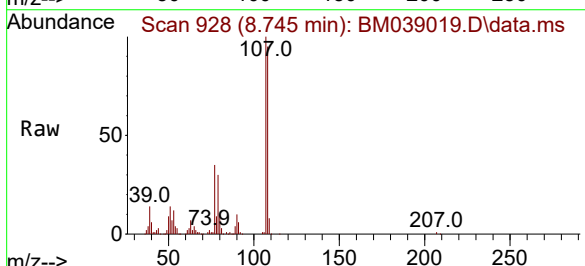
Ion Ratio Lower Upper

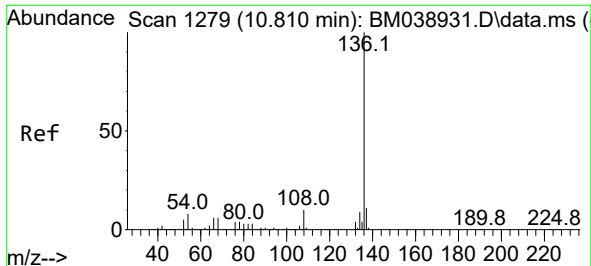
107 100

108 94.7 71.8 111.8

77 35.0 13.6 53.6

79 30.5 9.2 49.2

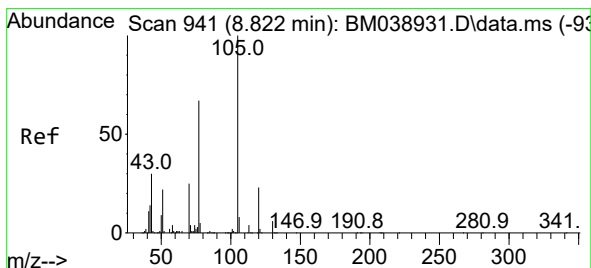
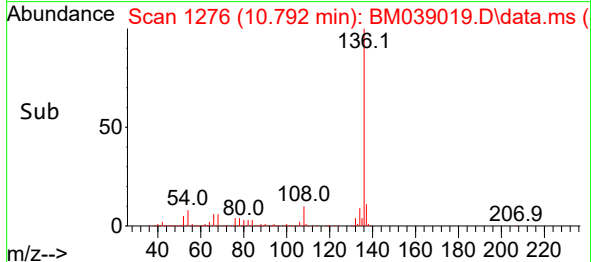
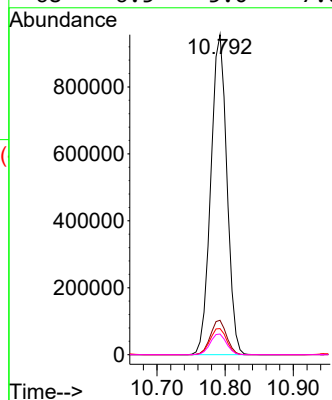
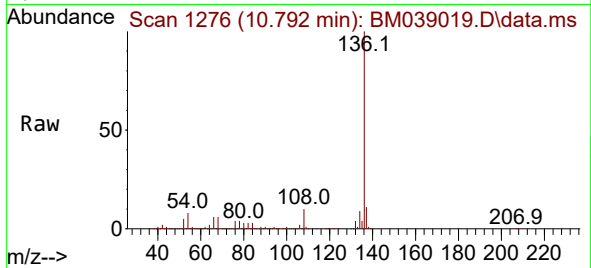




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.792 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

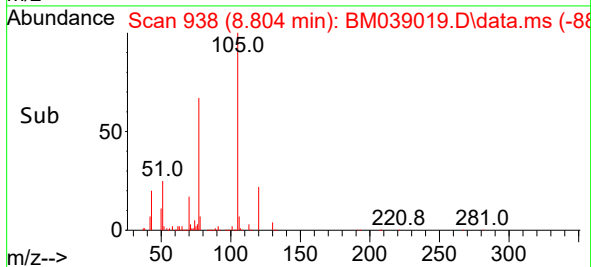
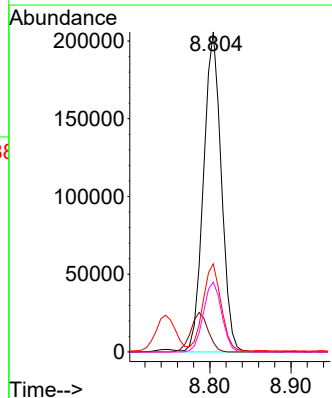
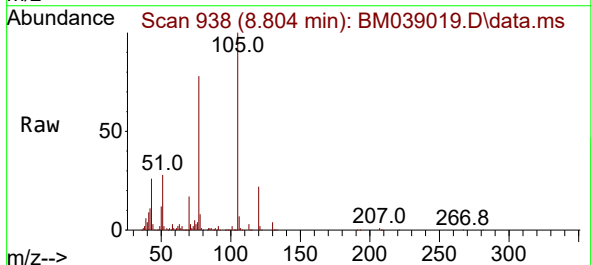
Instrument :  
BNA\_M  
ClientSampleId :

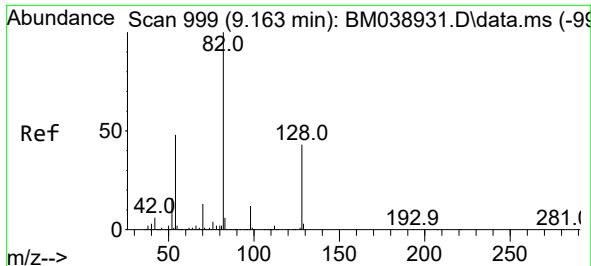
Tgt Ion:136 Resp: 1570350  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 8.1 6.3 9.5  
68 6.5 5.0 7.6



#22  
Acetophenone  
Concen: 7.100 ng  
RT: 8.804 min Scan# 938  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:105 Resp: 312832  
Ion Ratio Lower Upper  
105 100  
71 3.1 3.4 5.0#  
51 27.5 21.0 31.4  
120 21.8 18.1 27.1

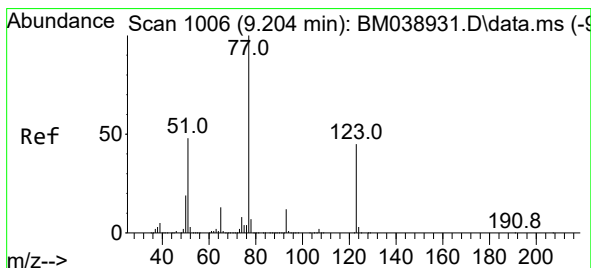
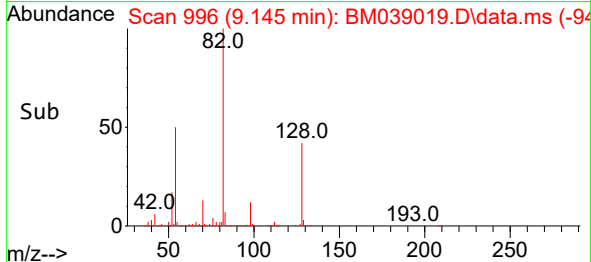
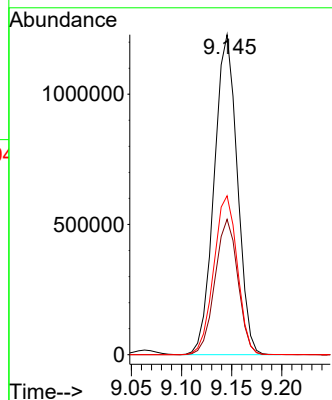
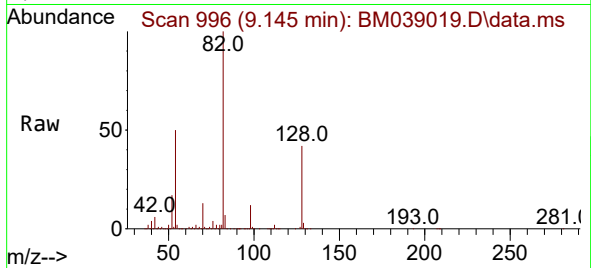




#23  
Nitrobenzene-d5  
Concen: 61.718 ng  
RT: 9.145 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

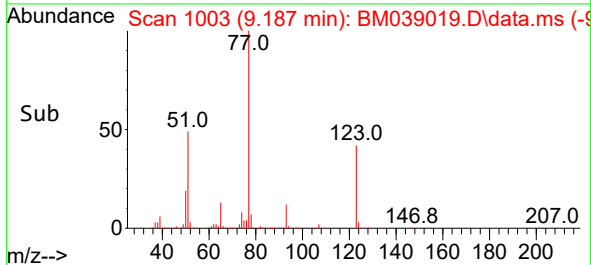
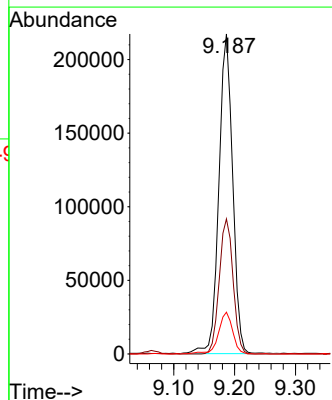
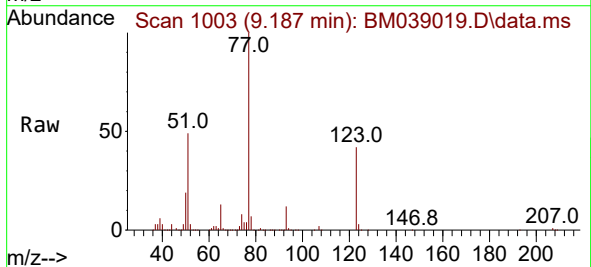
Instrument :  
BNA\_M  
ClientSampleId :

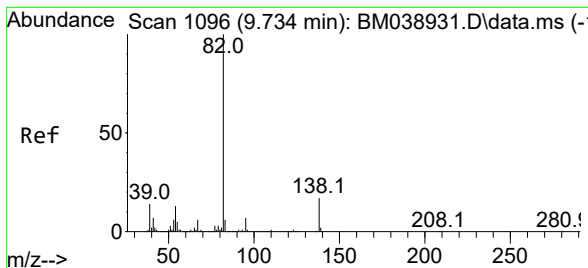
Tgt Ion: 82 Resp: 1973055  
Ion Ratio Lower Upper  
82 100  
128 42.3 34.4 51.6  
54 49.6 38.8 58.2



#24  
Nitrobenzene  
Concen: 10.131 ng  
RT: 9.187 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion: 77 Resp: 340403  
Ion Ratio Lower Upper  
77 100  
123 42.2 35.8 53.6  
65 13.1 10.2 15.4





#25

Isophorone

Concen: 10.335 ng

RT: 9.710 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

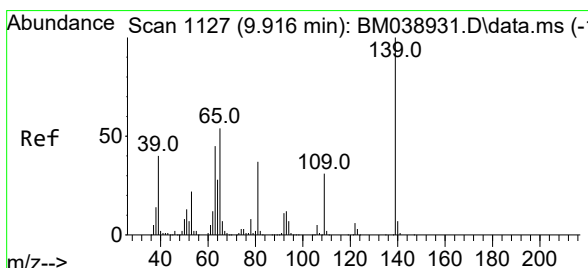
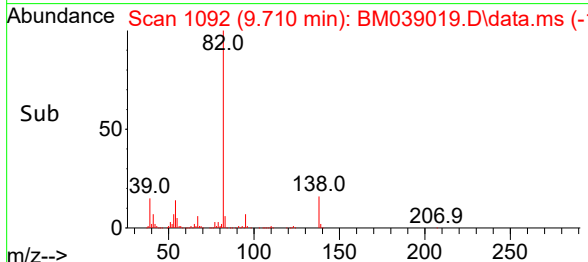
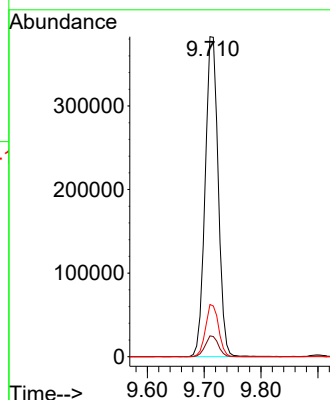
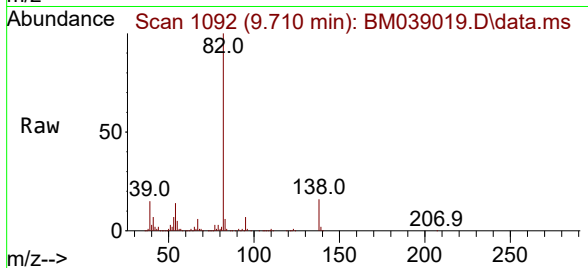
Tgt Ion: 82 Resp: 608015

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.3 13.6 20.4



#26

2-Nitrophenol

Concen: 9.403 ng

RT: 9.898 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

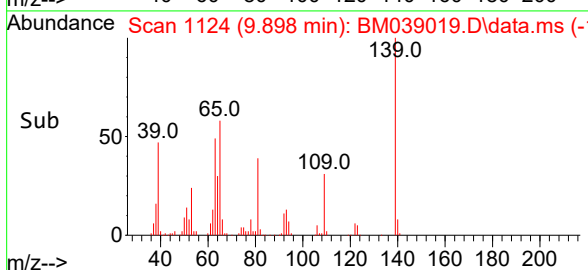
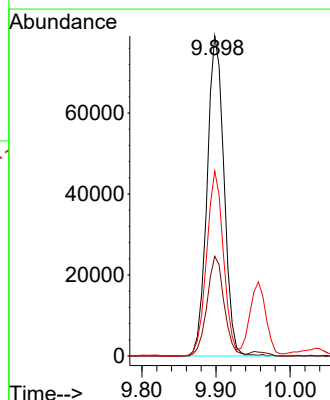
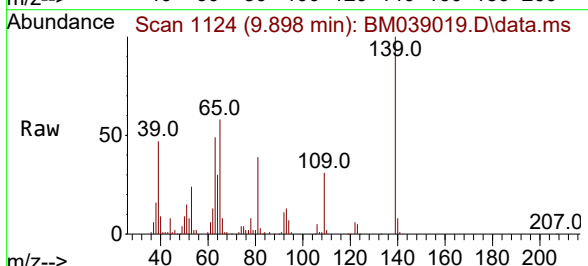
Tgt Ion: 139 Resp: 124868

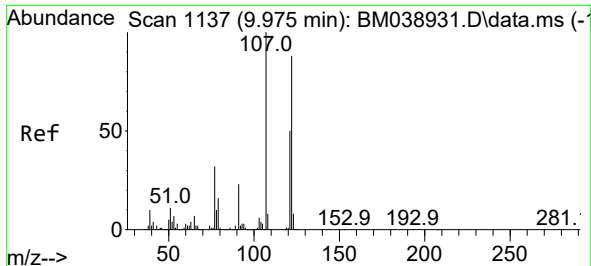
Ion Ratio Lower Upper

139 100

109 31.1 24.5 36.7

65 57.8 43.0 64.6

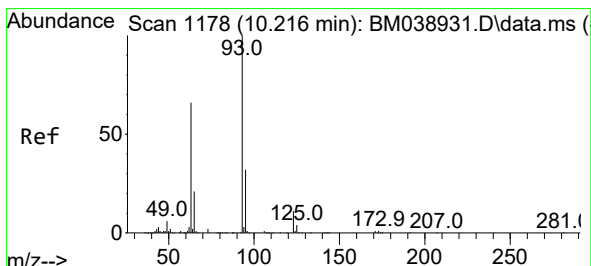
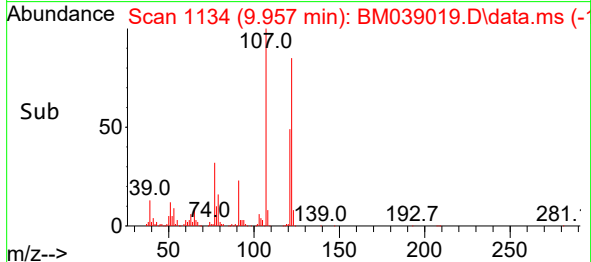
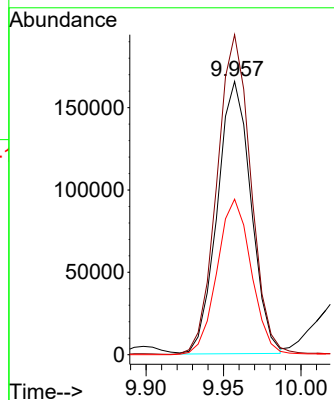
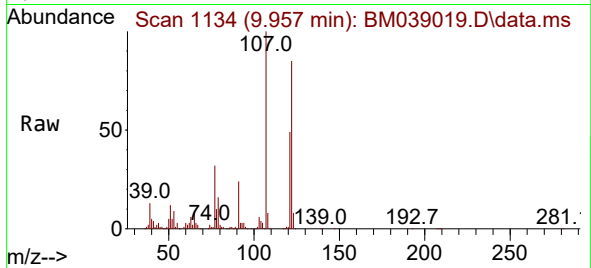




#27  
2,4-Dimethylphenol  
Concen: 9.731 ng  
RT: 9.957 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

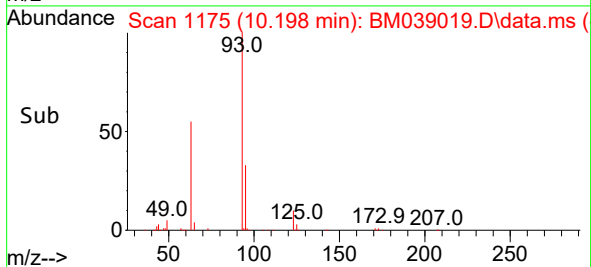
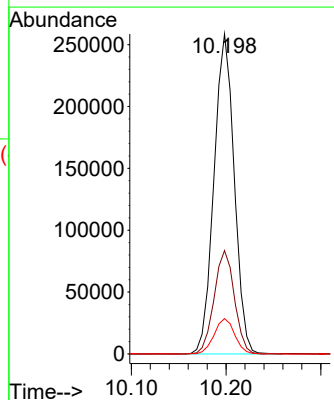
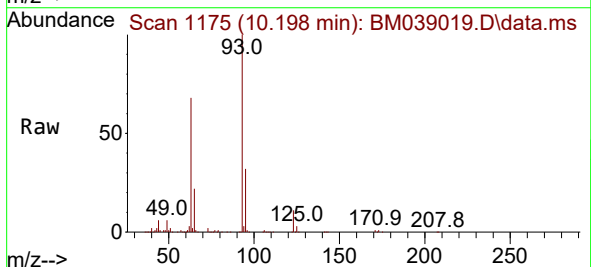
Instrument :  
BNA\_M  
ClientSampleId :

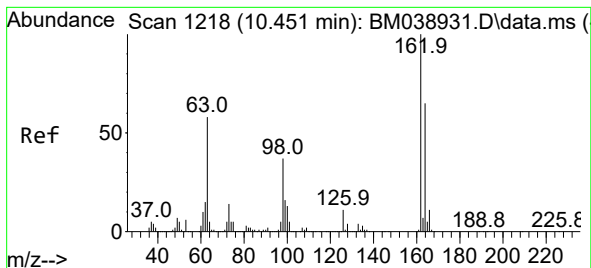
Tgt Ion:122 Resp: 249445  
Ion Ratio Lower Upper  
122 100  
107 117.1 91.0 136.4  
121 56.9 45.1 67.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.161 ng  
RT: 10.198 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion: 93 Resp: 384080  
Ion Ratio Lower Upper  
93 100  
95 32.3 25.9 38.9  
123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 9.213 ng

RT: 10.434 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

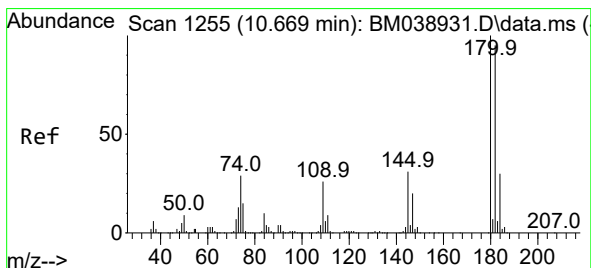
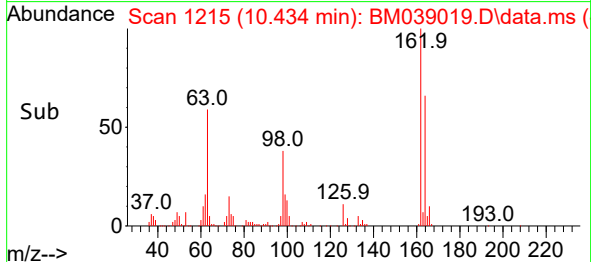
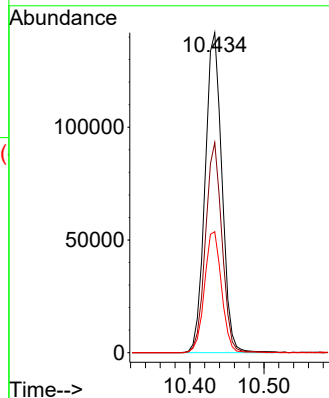
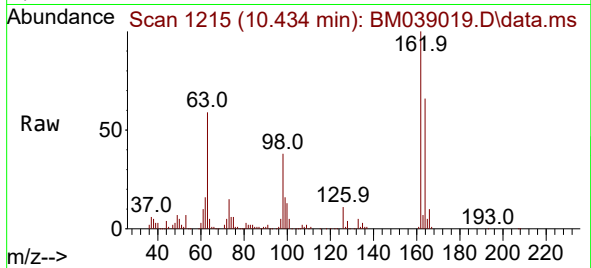
Tgt Ion:162 Resp: 223908

Ion Ratio Lower Upper

162 100

164 65.7 44.6 84.6

98 37.8 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 9.284 ng

RT: 10.651 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

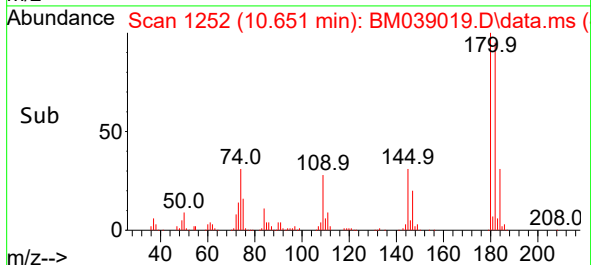
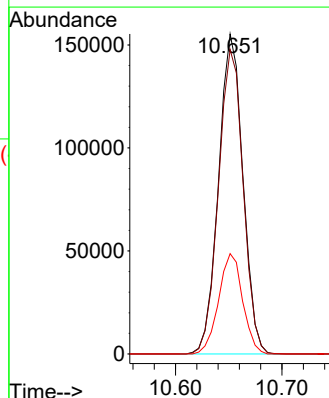
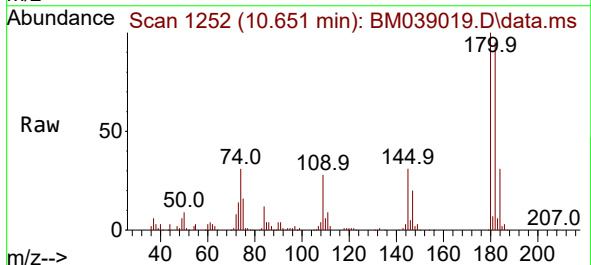
Tgt Ion:180 Resp: 246545

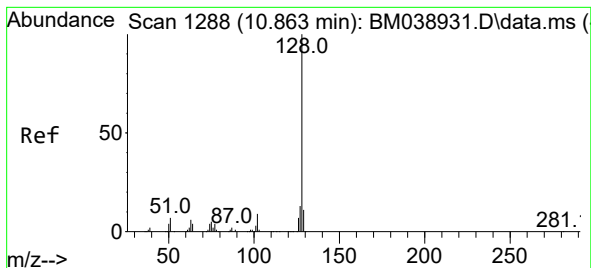
Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 31.3 25.0 37.4





#31

Naphthalene

Concen: 9.527 ng

RT: 10.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

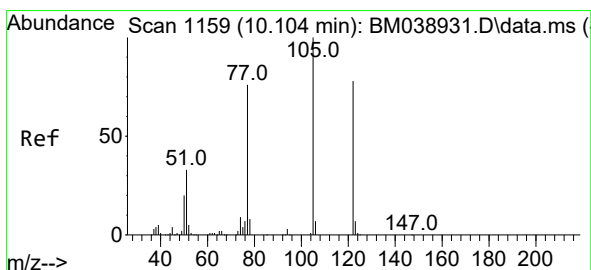
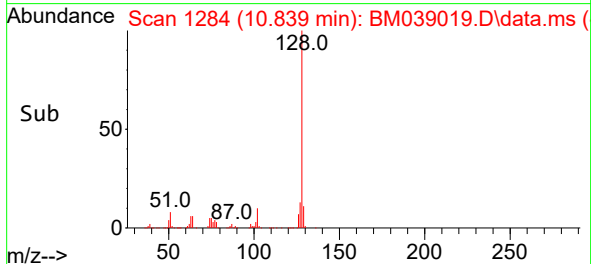
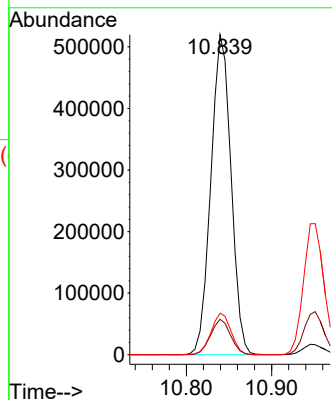
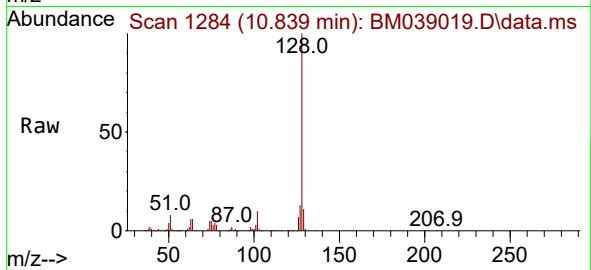
Tgt Ion:128 Resp: 853124

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 6.198 ng

RT: 10.034 min Scan# 1147

Delta R.T. -0.064 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

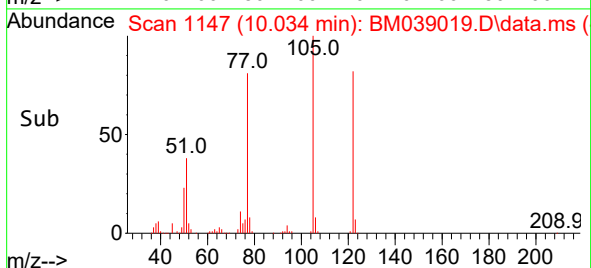
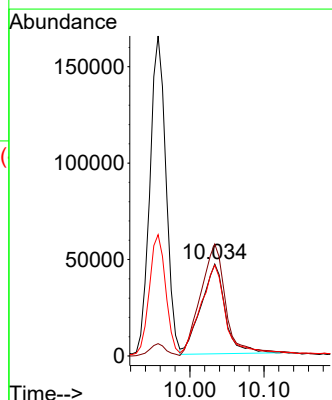
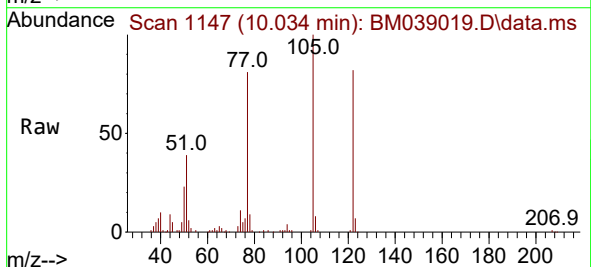
Tgt Ion:122 Resp: 105238

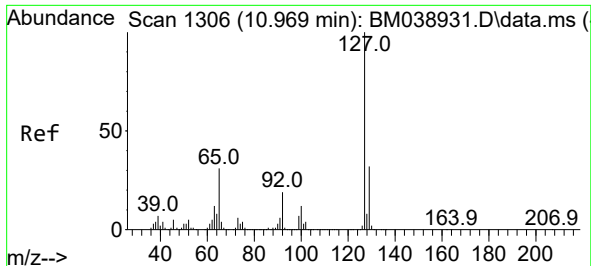
Ion Ratio Lower Upper

122 100

105 121.7 104.2 144.2

77 98.9 75.1 115.1

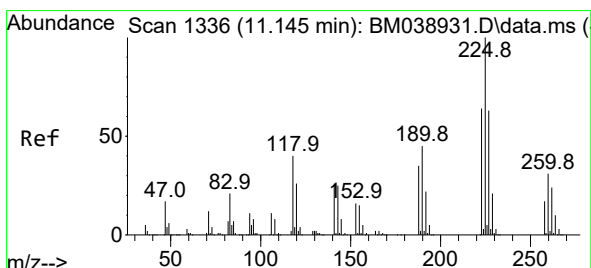
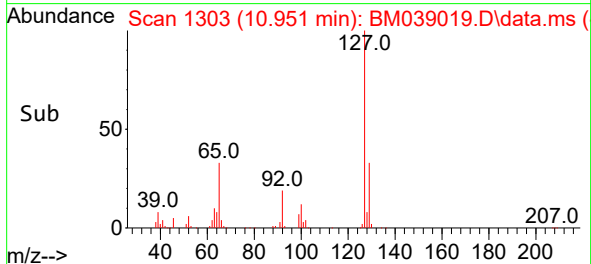
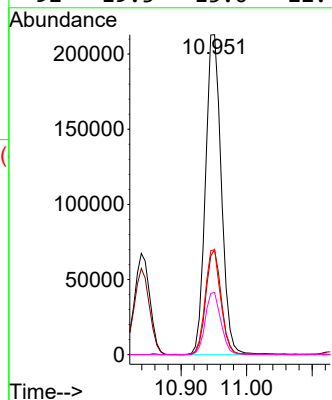
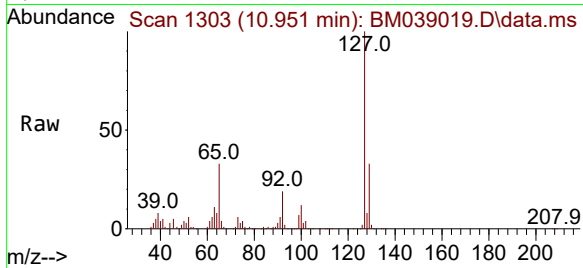




#33  
4-Chloroaniline  
Concen: 9.408 ng  
RT: 10.951 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

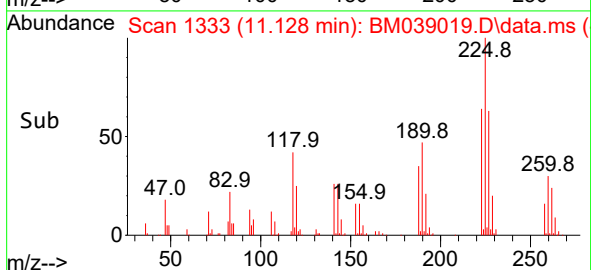
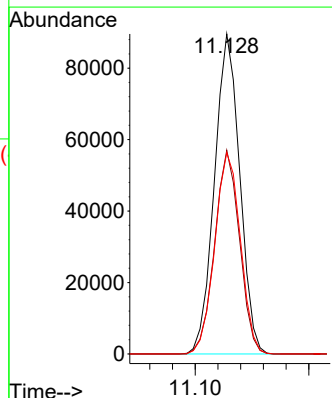
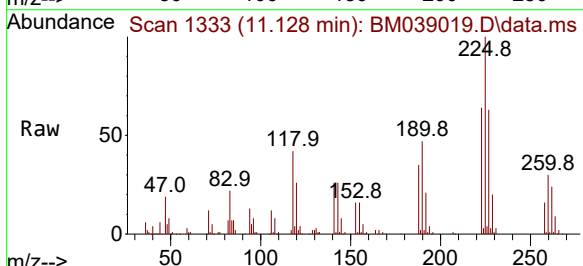
Instrument :  
BNA\_M  
ClientSampleId :

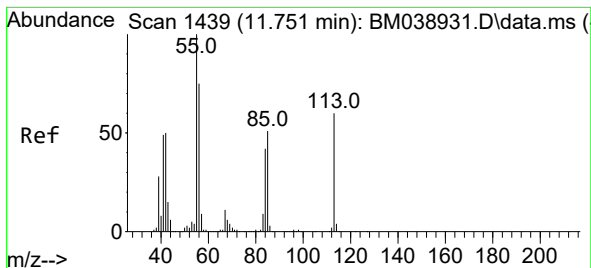
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 359001 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.9    | 25.4 38.2    |
| 65 32.8     | 24.4 36.6    |
| 92 19.5     | 15.0 22.4    |



#34  
Hexachlorobutadiene  
Concen: 9.094 ng  
RT: 11.128 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 138495 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 63.7    | 51.3 76.9    |
| 227 62.9    | 50.6 76.0    |





#35

Caprolactam

Concen: 8.819 ng

RT: 11.722 min Scan# 1434

Delta R.T. -0.017 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

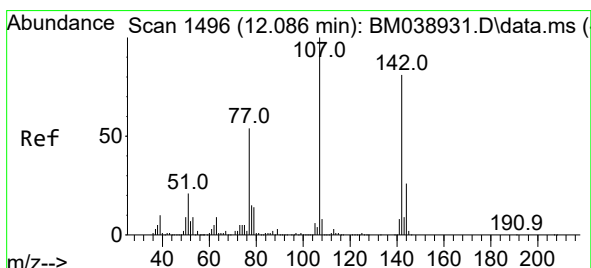
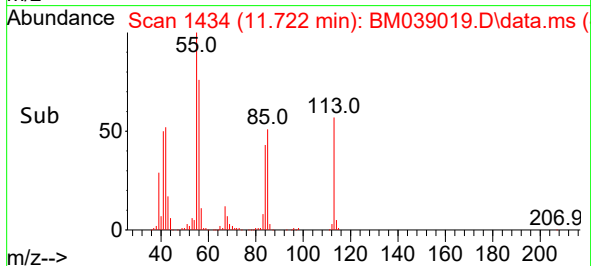
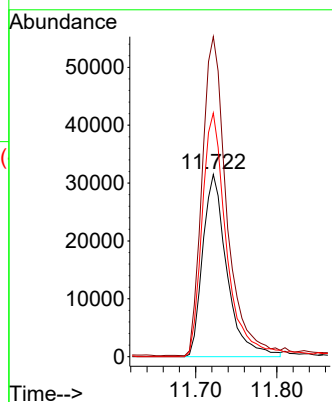
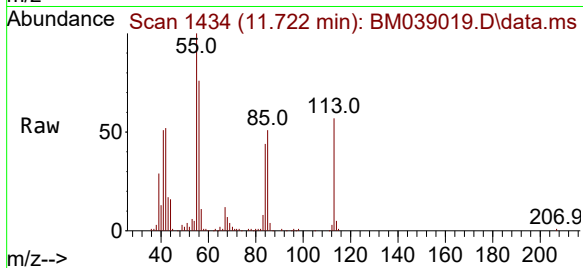
Tgt Ion:113 Resp: 65231

Ion Ratio Lower Upper

113 100

55 175.6 147.0 187.0

56 133.7 105.1 145.1



#36

4-Chloro-3-methylphenol

Concen: 10.020 ng

RT: 12.063 min Scan# 1492

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

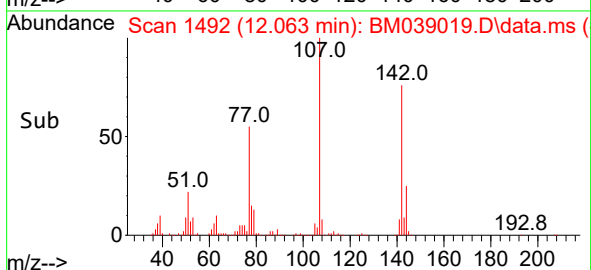
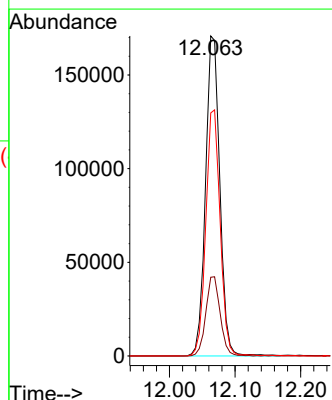
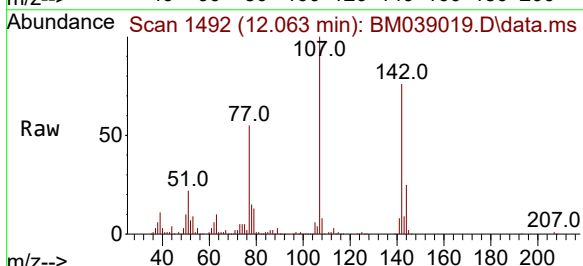
Tgt Ion:107 Resp: 259300

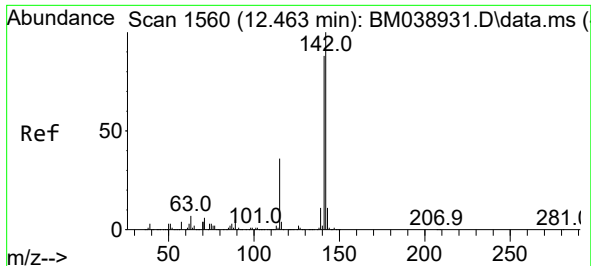
Ion Ratio Lower Upper

107 100

144 24.6 20.7 31.1

142 75.9 64.6 97.0

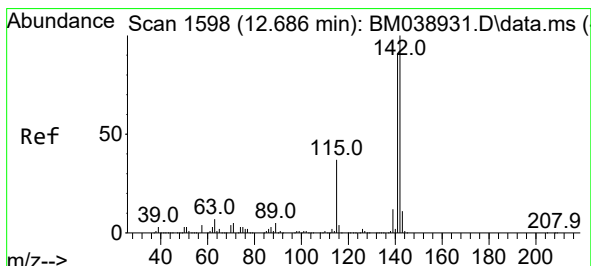
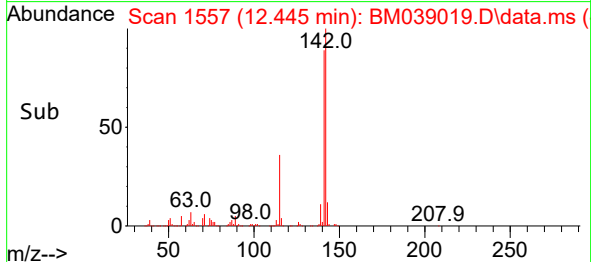
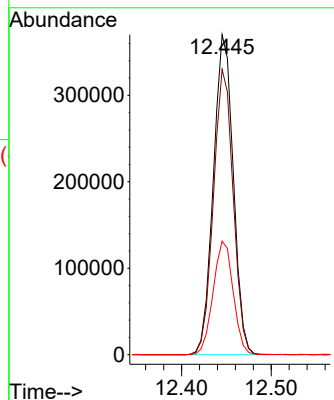
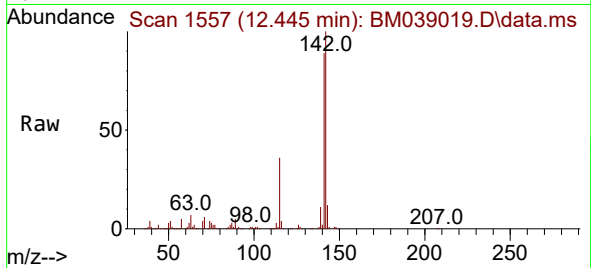




#37  
2-Methylnaphthalene  
Concen: 9.491 ng  
RT: 12.445 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

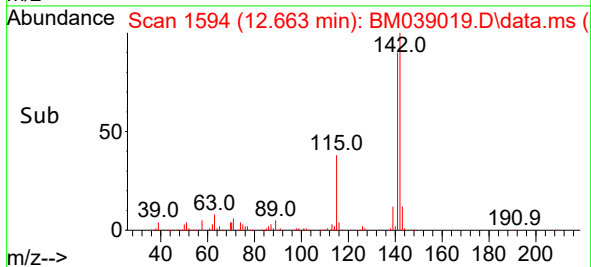
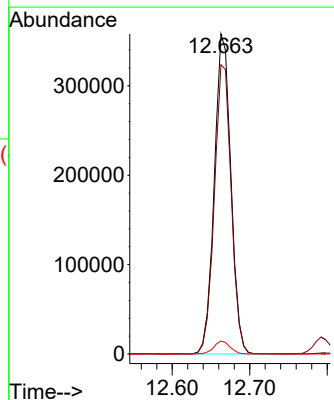
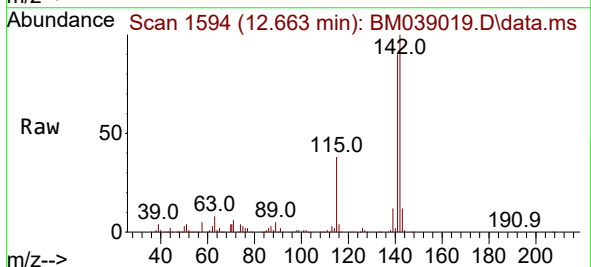
Instrument :  
BNA\_M  
ClientSampleId :

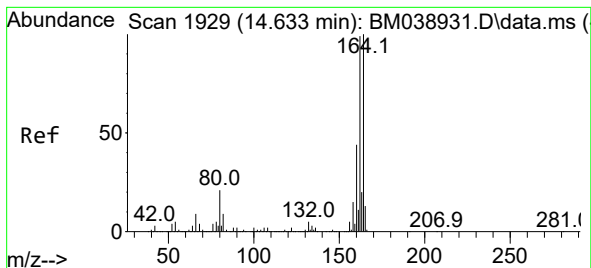
Tgt Ion:142 Resp: 569644  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.6 106.0  
115 35.5 28.5 42.7



#38  
1-Methylnaphthalene  
Concen: 9.475 ng  
RT: 12.663 min Scan# 1594  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:142 Resp: 532890  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.8 109.2  
116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

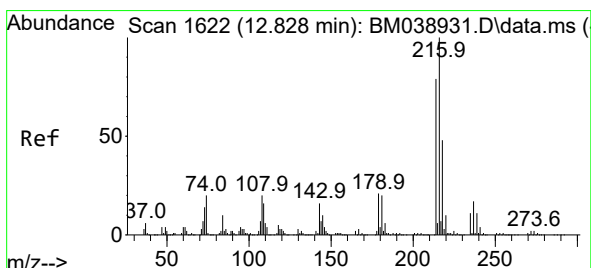
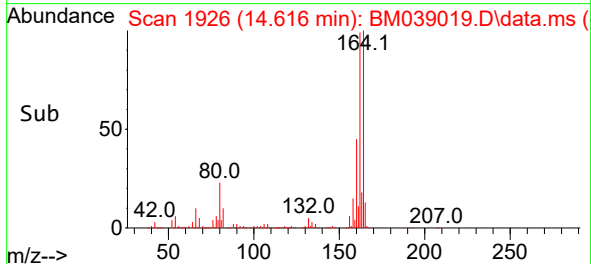
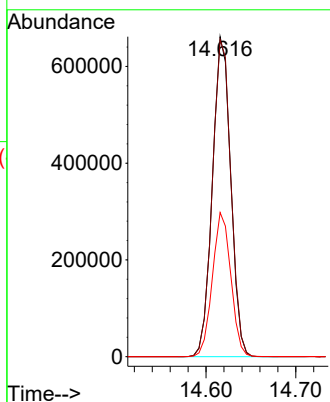
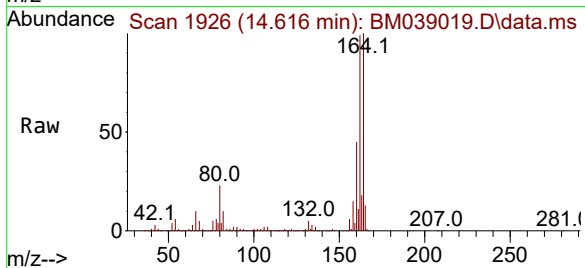
Tgt Ion:164 Resp: 937307

Ion Ratio Lower Upper

164 100

162 99.1 79.2 118.8

160 45.0 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.108 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Tgt Ion:216 Resp: 186120

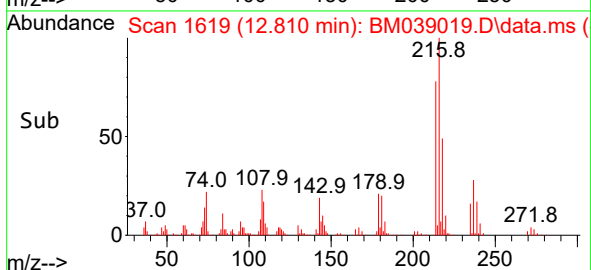
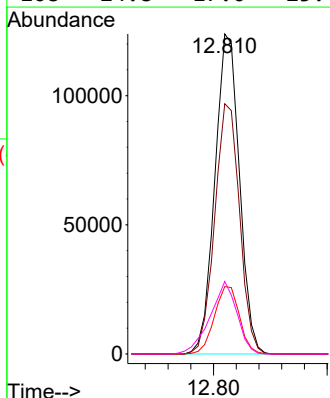
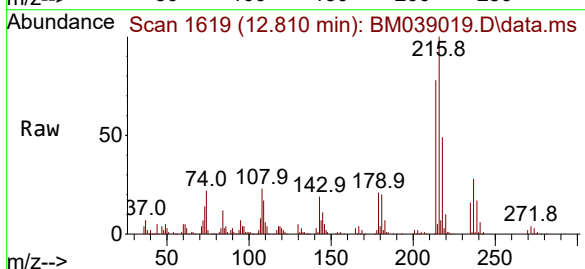
Ion Ratio Lower Upper

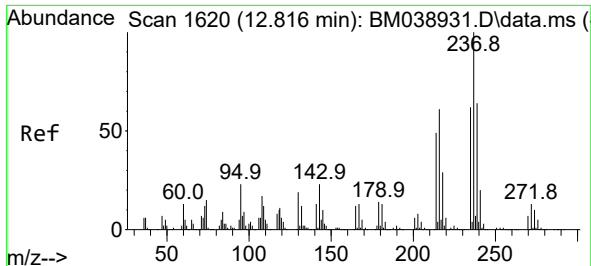
216 100

214 79.0 63.0 94.4

179 21.5 16.8 25.2

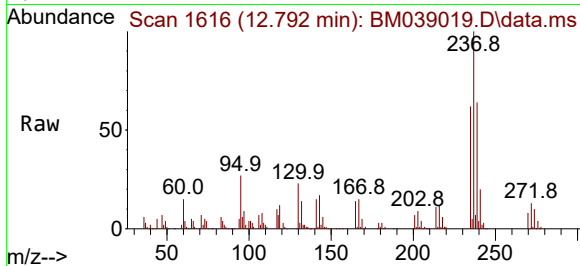
108 24.8 17.0 25.4



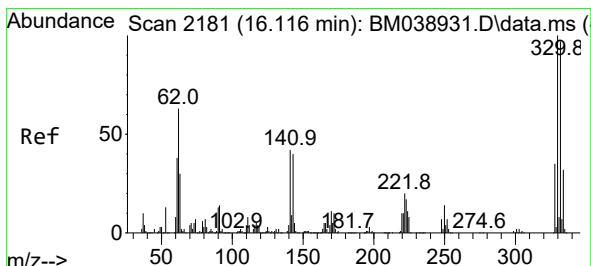
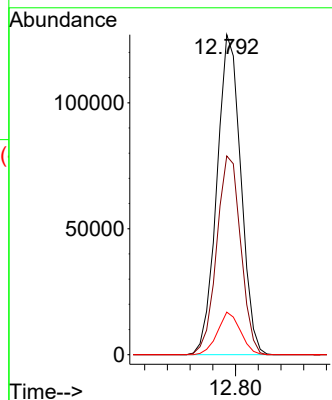
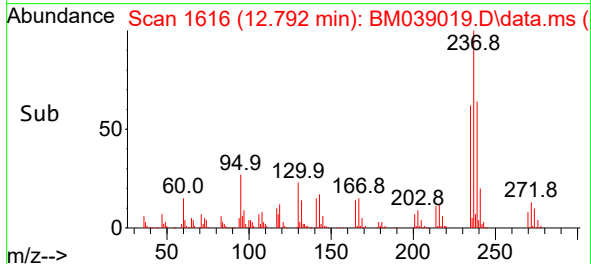


#41  
Hexachlorocyclopentadiene  
Concen: 11.127 ng  
RT: 12.792 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

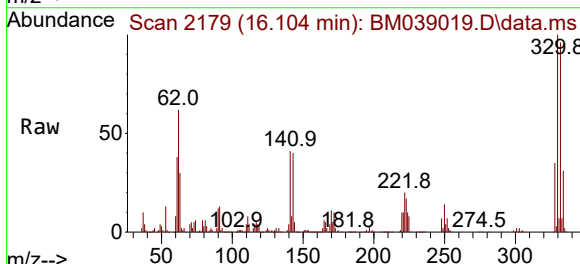
Instrument :  
BNA\_M  
ClientSampleId :



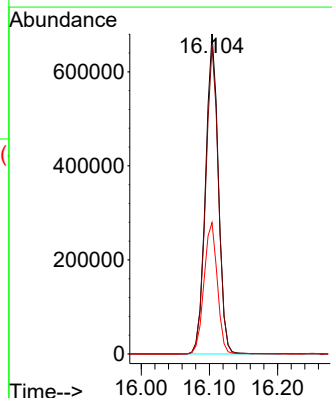
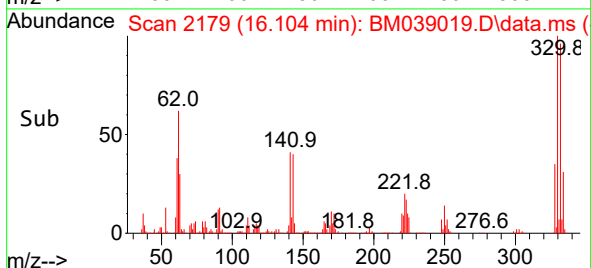
Tgt Ion:237 Resp: 186107  
Ion Ratio Lower Upper  
237 100  
235 62.1 41.7 81.7  
272 13.3 0.0 33.2

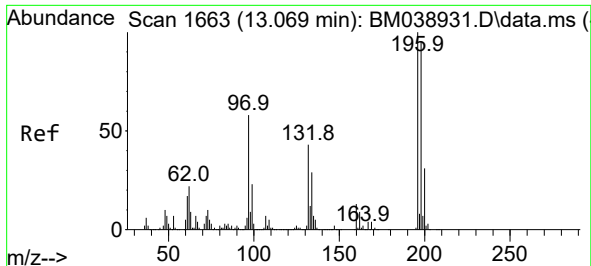


#42  
2,4,6-Tribromophenol  
Concen: 81.967 ng  
RT: 16.104 min Scan# 2179  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57



Tgt Ion:330 Resp: 888783  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.4 116.0  
141 42.6 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 8.627 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

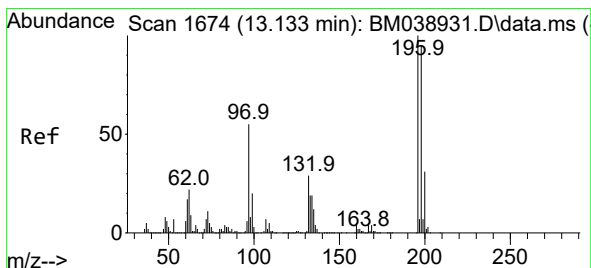
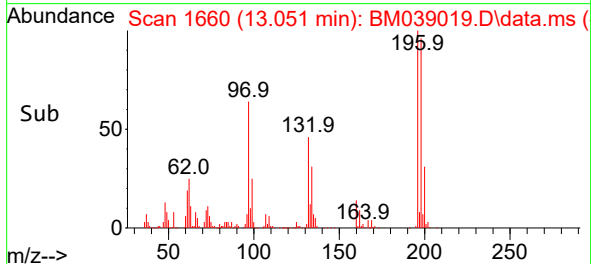
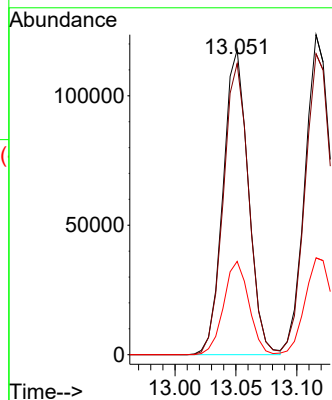
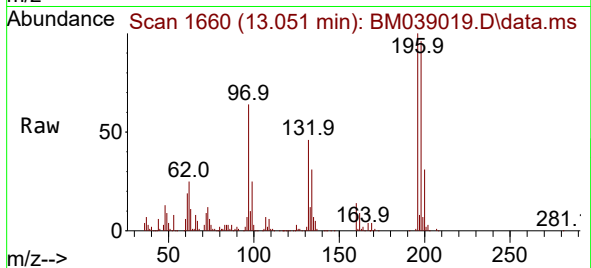
Tgt Ion:196 Resp: 170233

Ion Ratio Lower Upper

196 100

198 95.6 75.8 113.8

200 30.6 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 8.006 ng

RT: 13.116 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Tgt Ion:196 Resp: 184901

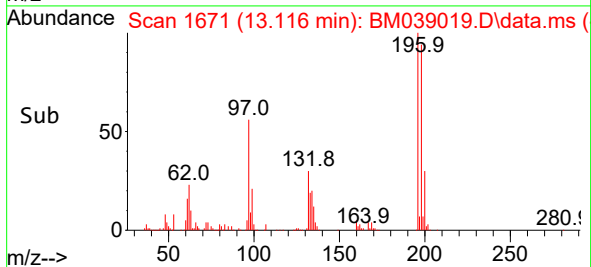
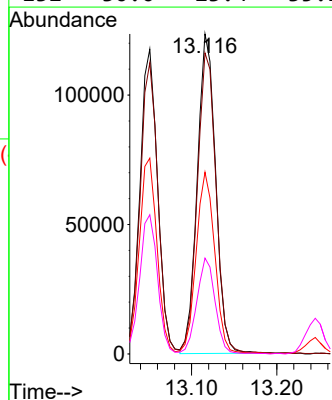
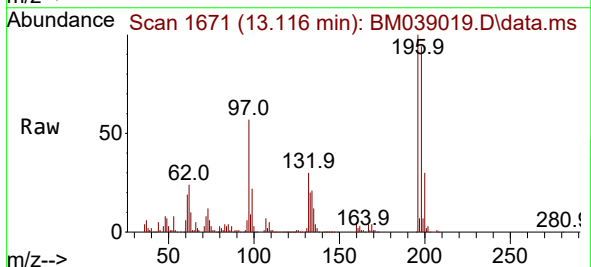
Ion Ratio Lower Upper

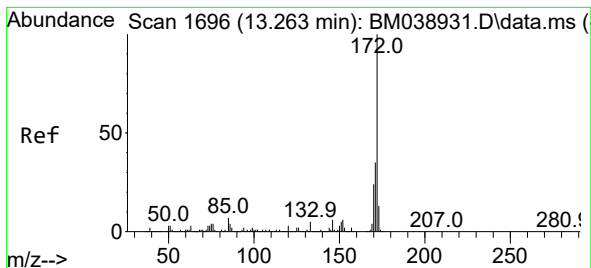
196 100

198 94.1 76.3 114.5

97 56.8 44.2 66.4

132 30.0 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 56.825 ng

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

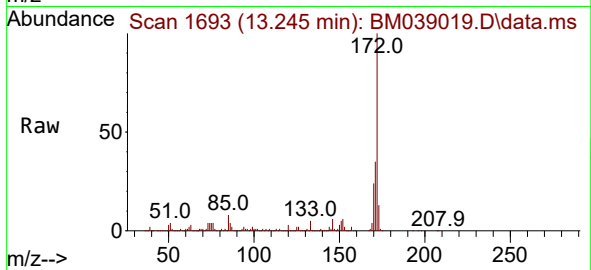
Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :



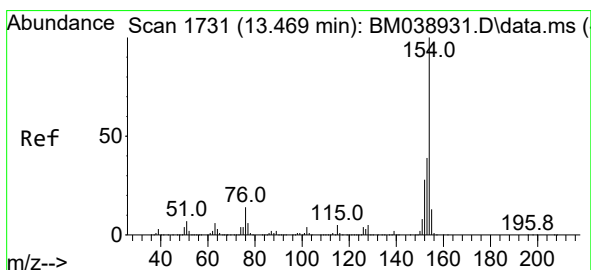
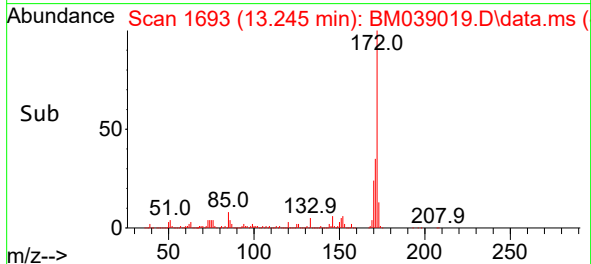
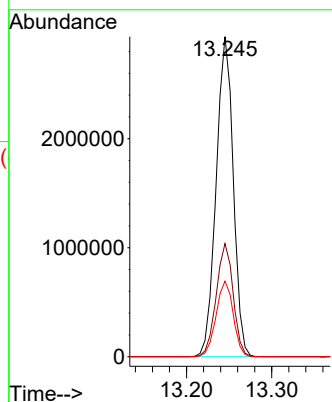
Tgt Ion:172 Resp: 4091445

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 6.737 ng

RT: 13.451 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

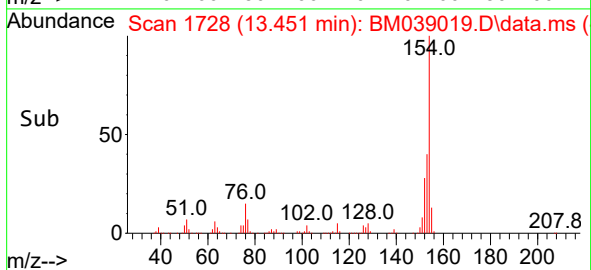
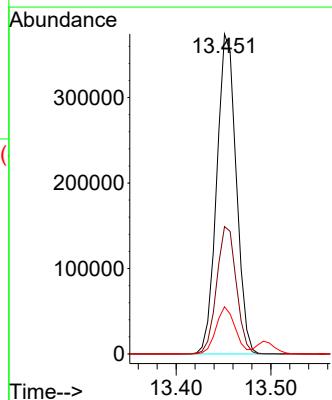
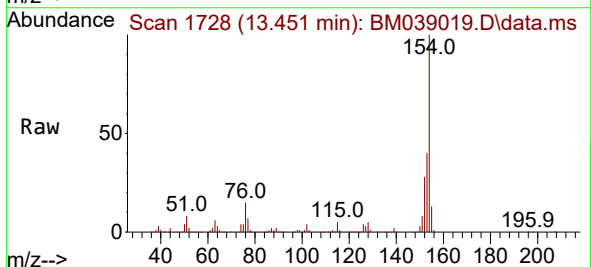
Tgt Ion:154 Resp: 534965

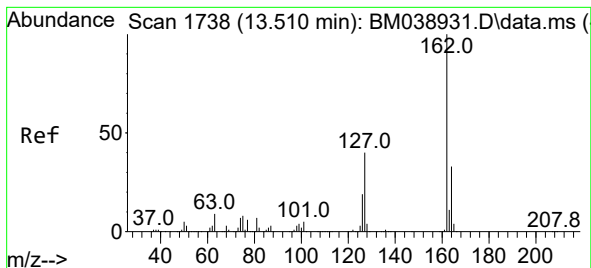
Ion Ratio Lower Upper

154 100

153 39.8 19.3 59.3

76 14.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 9.530 ng

RT: 13.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

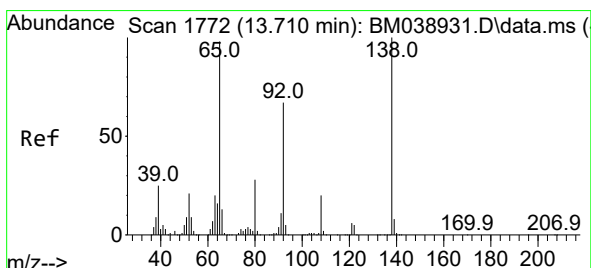
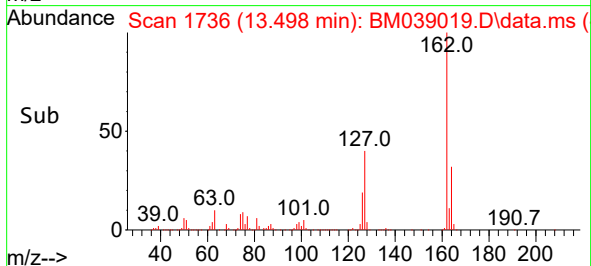
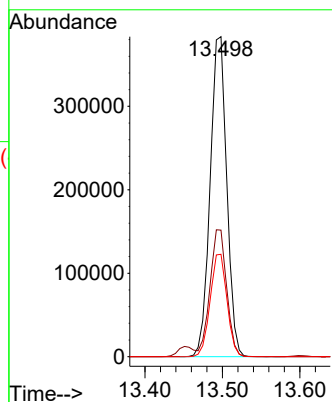
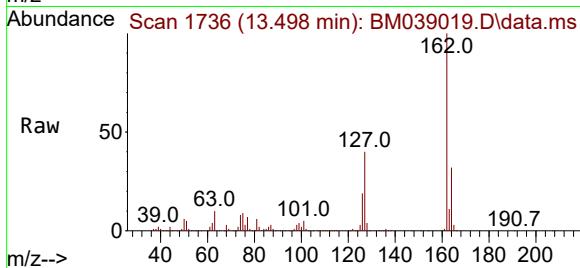
Tgt Ion:162 Resp: 570637

Ion Ratio Lower Upper

162 100

127 39.6 32.1 48.1

164 32.0 26.2 39.4



#48

2-Nitroaniline

Concen: 9.505 ng

RT: 13.698 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

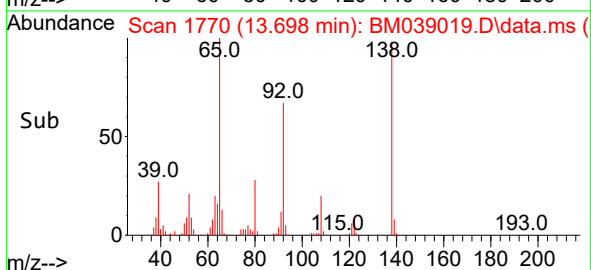
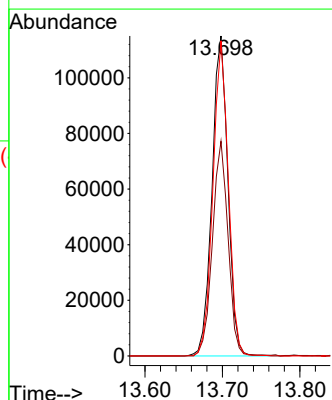
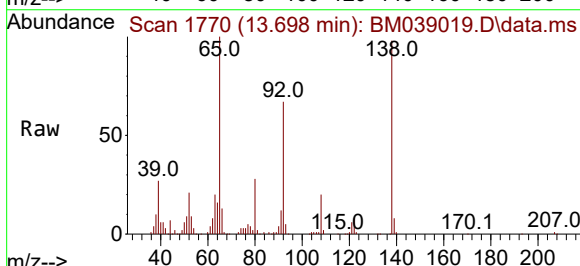
Tgt Ion: 65 Resp: 163446

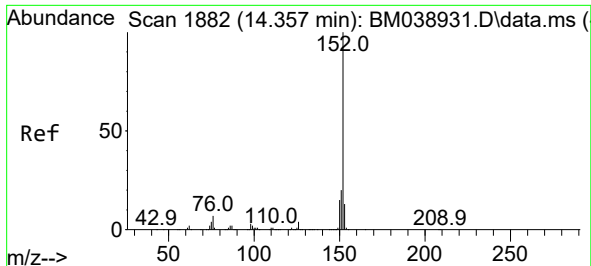
Ion Ratio Lower Upper

65 100

92 67.1 54.9 82.3

138 98.5 81.6 122.4

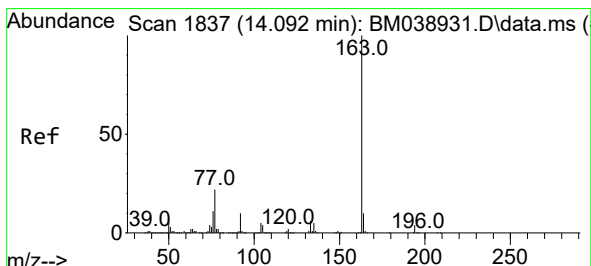
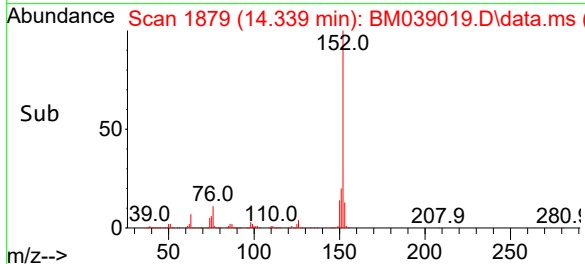
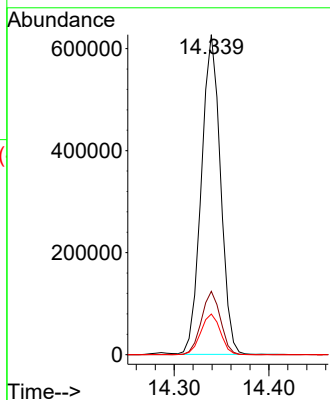
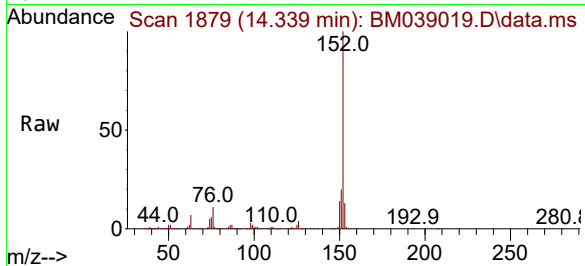




#49  
Acenaphthylene  
Concen: 9.211 ng  
RT: 14.339 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

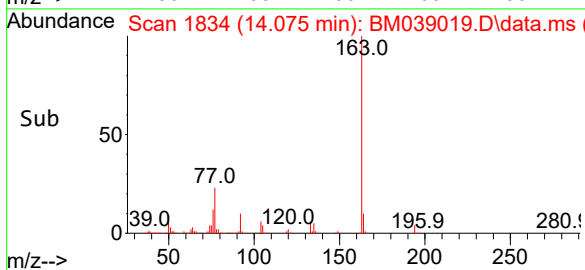
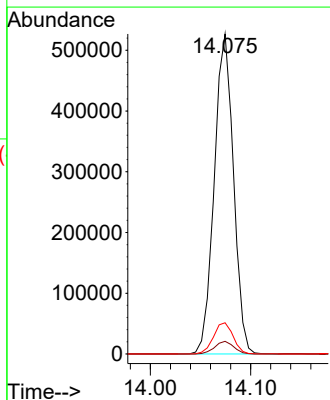
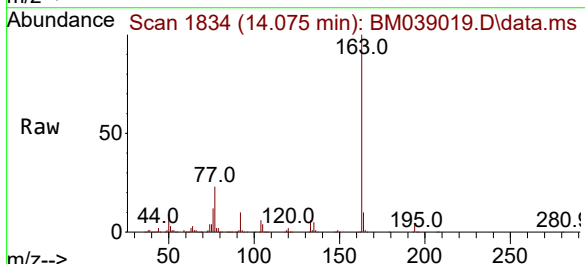
Instrument :  
BNA\_M  
ClientSampleId :

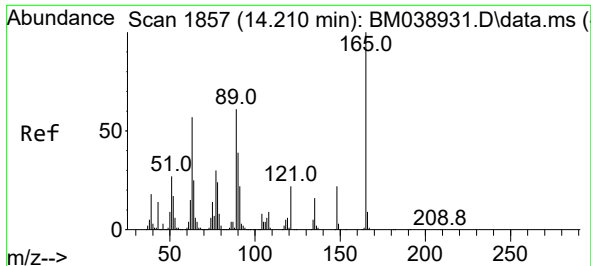
Tgt Ion:152 Resp: 878553  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.8  
153 12.7 10.4 15.6



#50  
Dimethylphthalate  
Concen: 9.701 ng  
RT: 14.075 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:163 Resp: 699716  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 9.386 ng

RT: 14.192 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

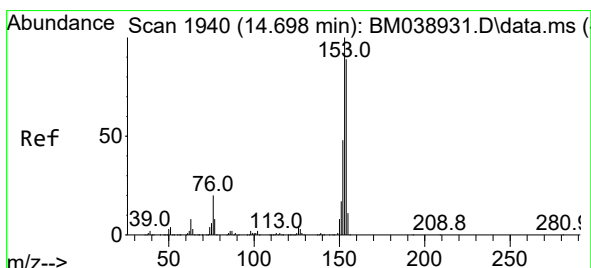
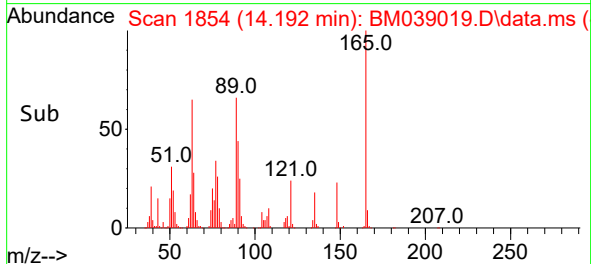
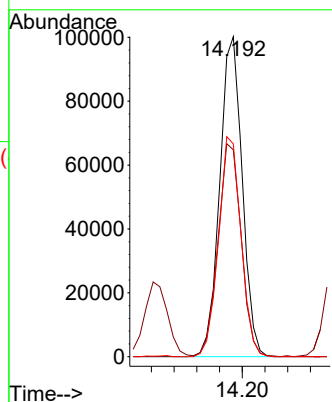
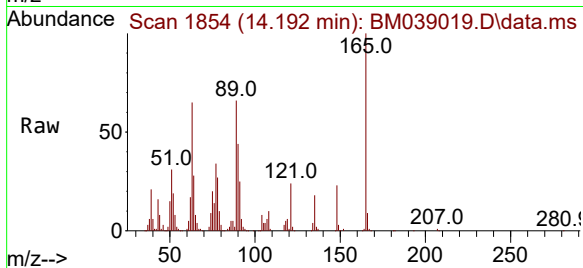
Tgt Ion:165 Resp: 137648

Ion Ratio Lower Upper

165 100

63 64.7 46.6 70.0

89 66.5 48.6 73.0



#52

Acenaphthene

Concen: 9.422 ng

RT: 14.680 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

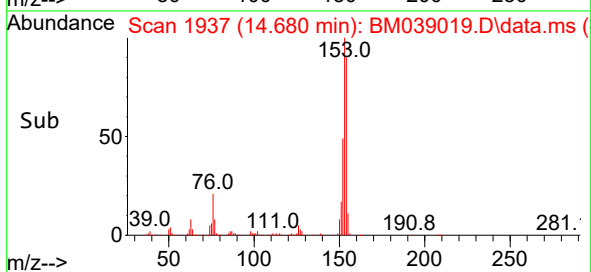
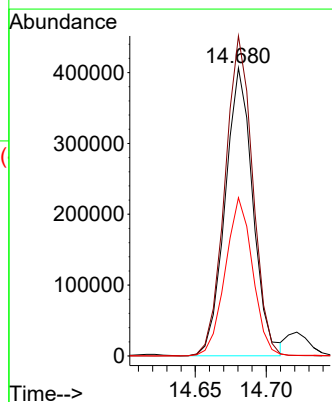
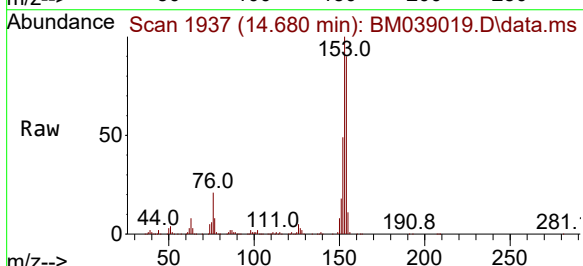
Tgt Ion:154 Resp: 552270

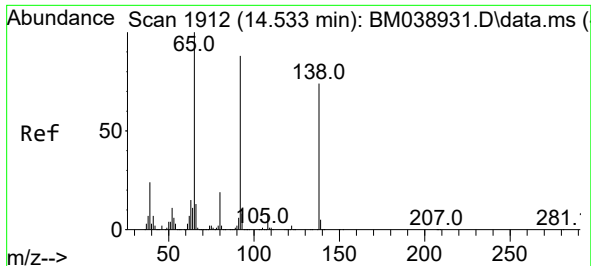
Ion Ratio Lower Upper

154 100

153 111.1 90.2 135.2

152 55.0 43.4 65.2

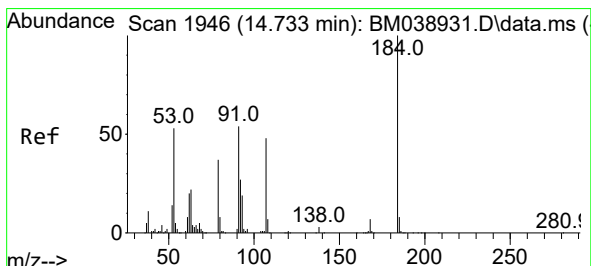
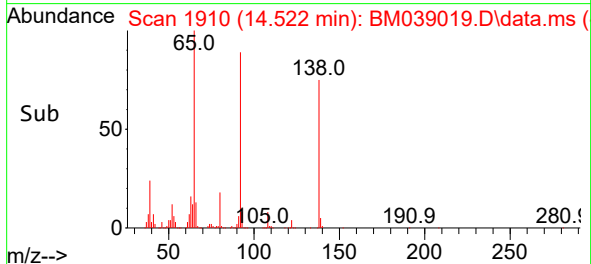
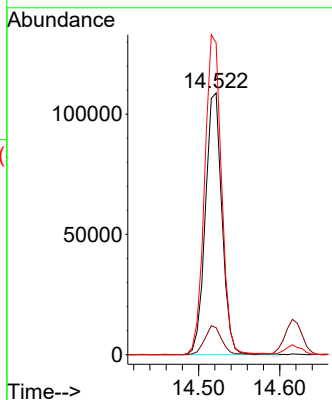
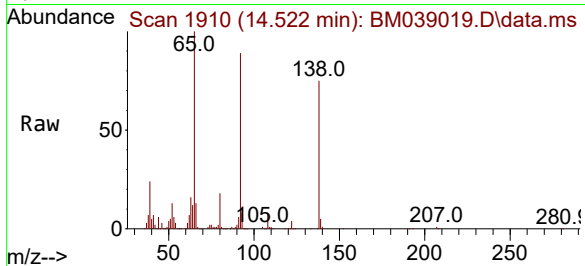




#53  
3-Nitroaniline  
Concen: 9.084 ng  
RT: 14.522 min Scan# 1910  
Delta R.T. 0.001 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

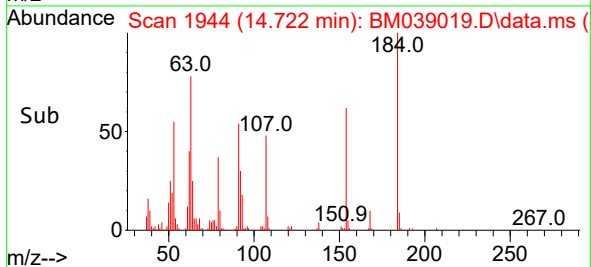
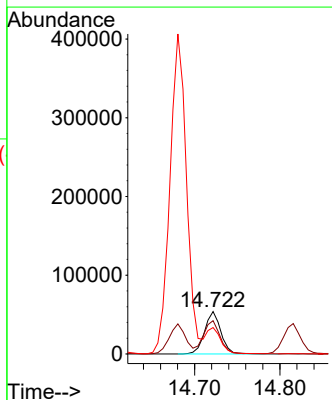
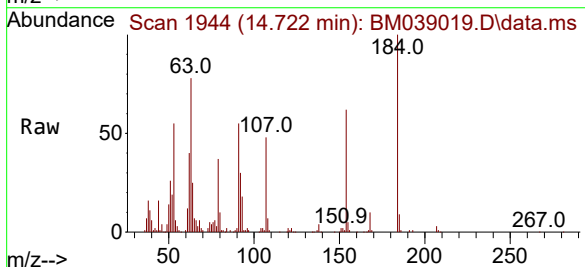
Instrument :  
BNA\_M  
ClientSampleId :

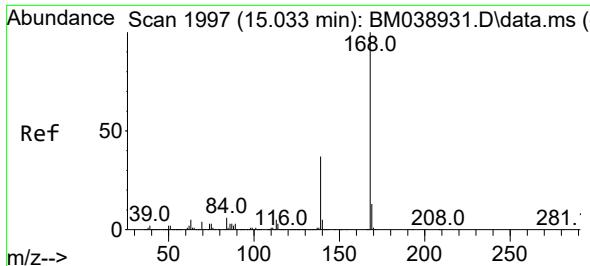
Tgt Ion:138 Resp: 154426  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.3 12.5  
92 119.1 95.8 143.8



#54  
2,4-Dinitrophenol  
Concen: 9.006 ng  
RT: 14.722 min Scan# 1944  
Delta R.T. 0.001 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:184 Resp: 71173  
Ion Ratio Lower Upper  
184 100  
63 78.5 60.6 90.8  
154 62.5 51.4 77.2

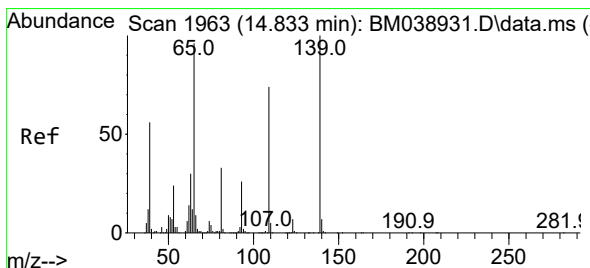
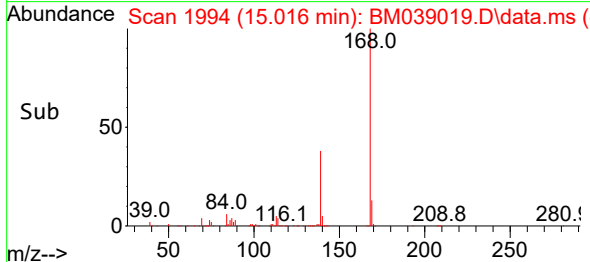
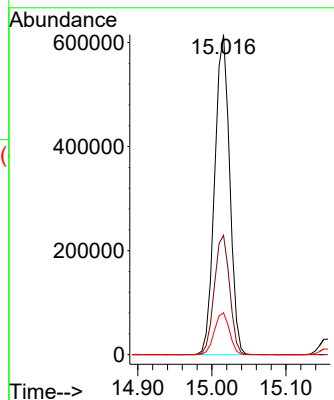
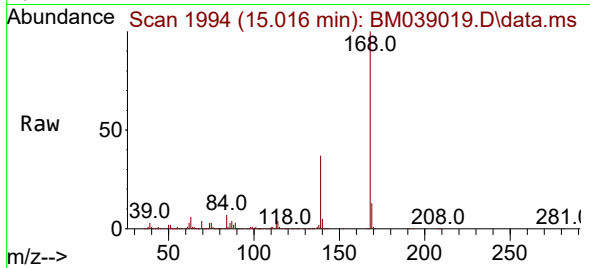




#55  
Dibenzenofuran  
Concen: 9.433 ng  
RT: 15.016 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

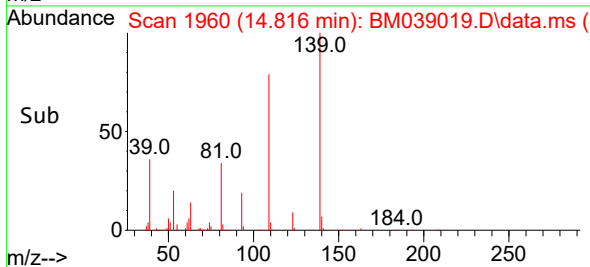
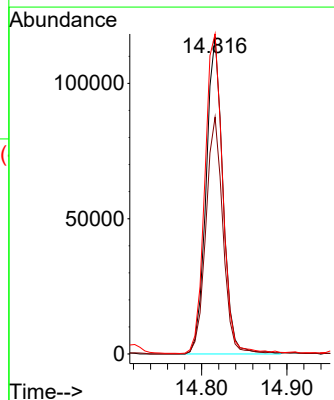
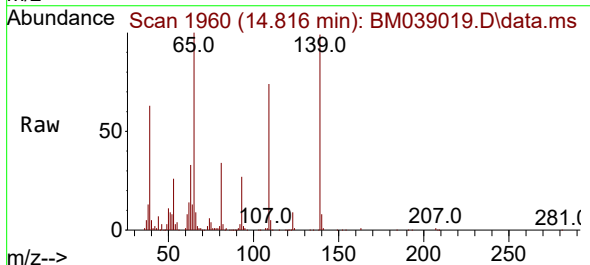
Instrument :  
BNA\_M  
ClientSampleId :

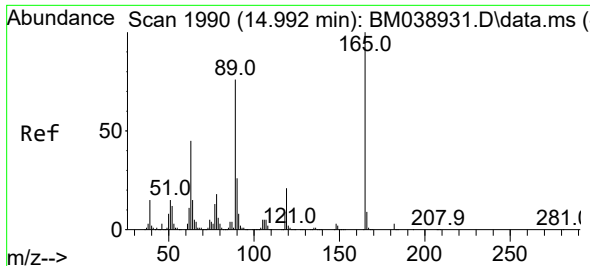
Tgt Ion:168 Resp: 865202  
Ion Ratio Lower Upper  
168 100  
139 37.3 29.9 44.9  
169 13.1 10.7 16.1



#56  
4-Nitrophenol  
Concen: 11.243 ng  
RT: 14.816 min Scan# 1960  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:139 Resp: 161042  
Ion Ratio Lower Upper  
139 100  
109 74.6 53.5 93.5  
65 100.8 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 9.232 ng

RT: 14.974 min Scan# 1990

Delta R.T. 0.000 min

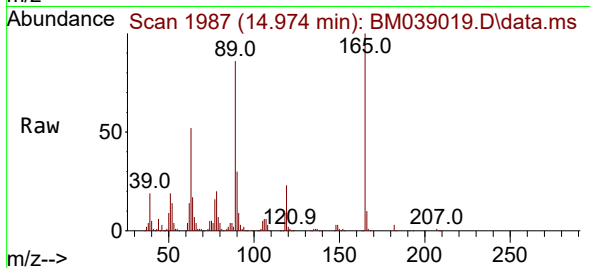
Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :



Tgt Ion:165 Resp: 173371

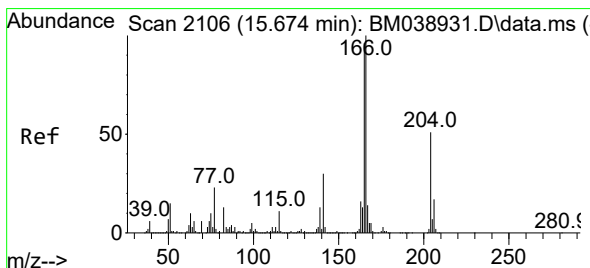
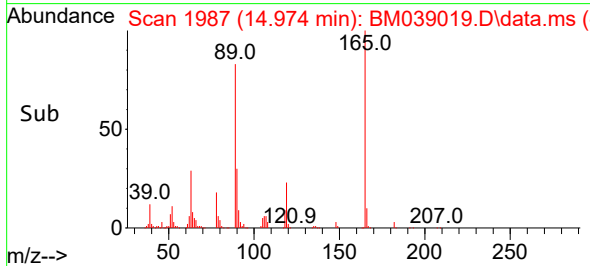
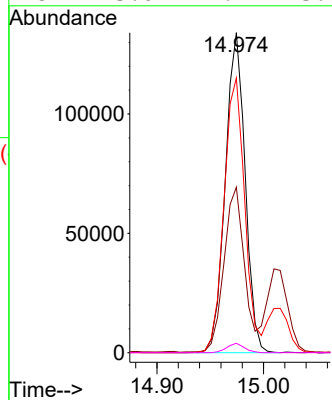
Ion Ratio Lower Upper

165 100

63 51.7 35.9 53.9

89 85.8 61.0 91.6

182 3.0 2.1 3.1



#58

Fluorene

Concen: 9.557 ng

RT: 15.663 min Scan# 2104

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

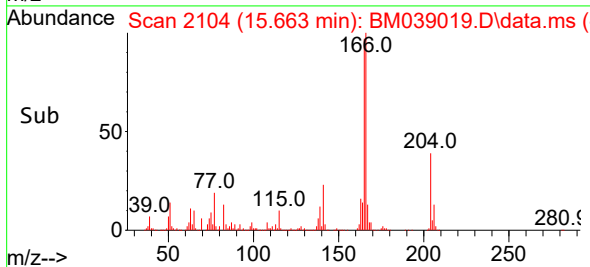
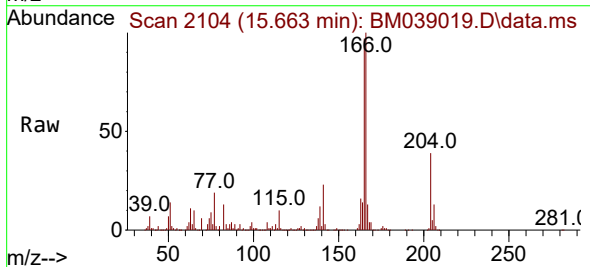
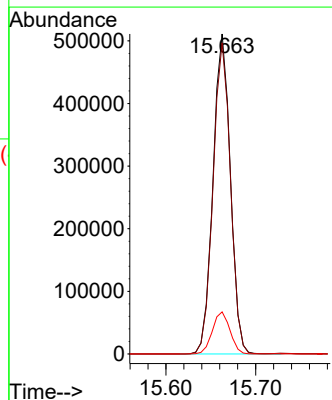
Tgt Ion:166 Resp: 686681

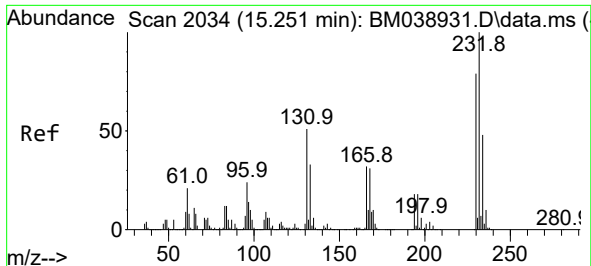
Ion Ratio Lower Upper

166 100

165 97.2 77.1 115.7

167 13.2 10.9 16.3

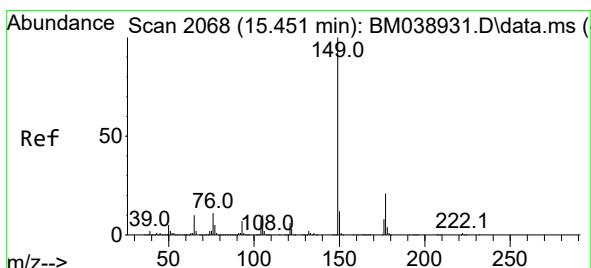
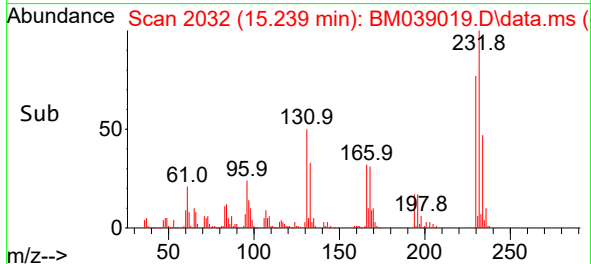
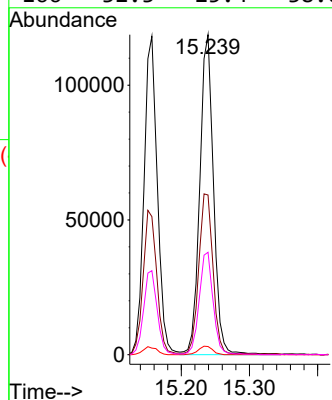
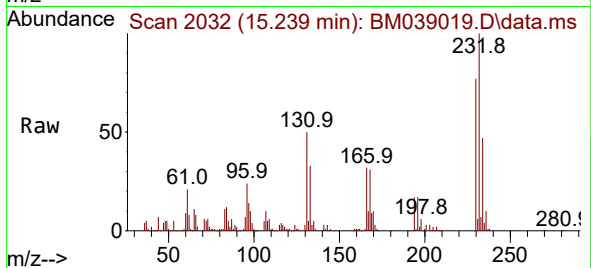




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.345 ng  
RT: 15.239 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

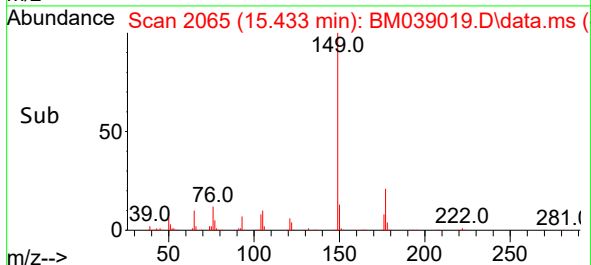
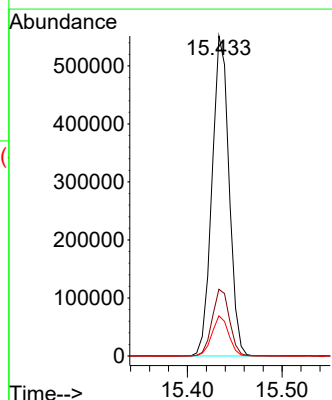
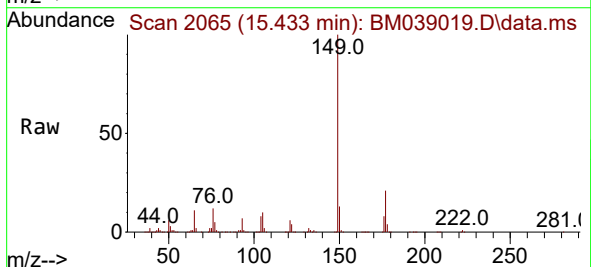
Instrument :  
BNA\_M  
ClientSampleId :

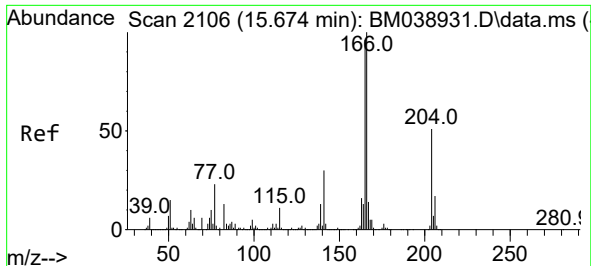
Tgt Ion:232 Resp: 166457  
Ion Ratio Lower Upper  
232 100  
131 50.9 40.0 60.0  
130 2.7 2.0 3.0  
166 32.3 25.4 38.0



#60  
Diethylphthalate  
Concen: 9.794 ng  
RT: 15.433 min Scan# 2065  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:149 Resp: 687303  
Ion Ratio Lower Upper  
149 100  
177 20.9 17.1 25.7  
150 12.6 9.7 14.5

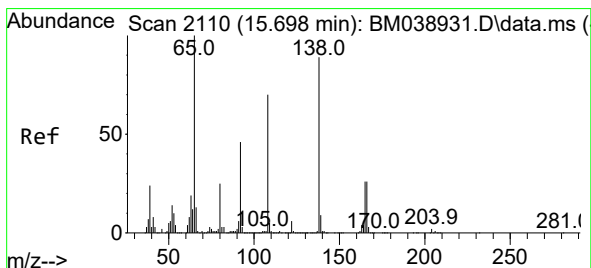
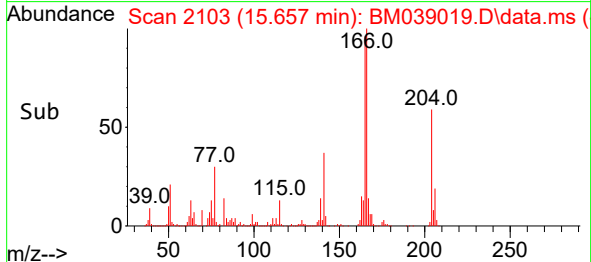
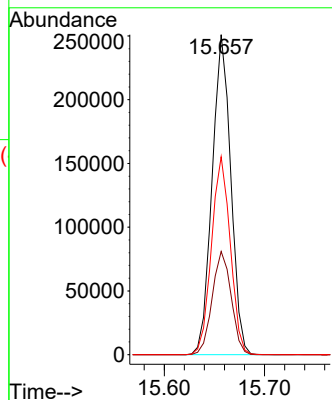
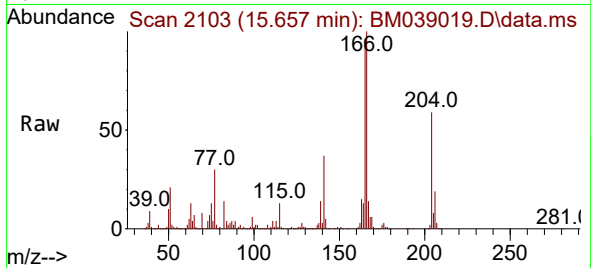




#61  
4-Chlorophenyl-phenylether  
Concen: 9.198 ng  
RT: 15.657 min Scan# 2103  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

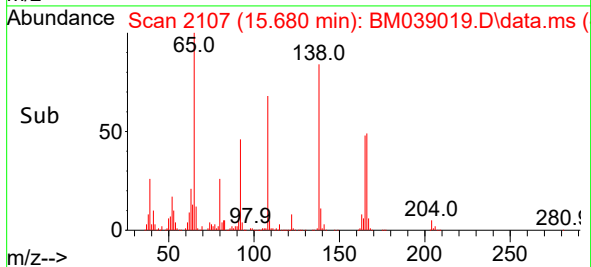
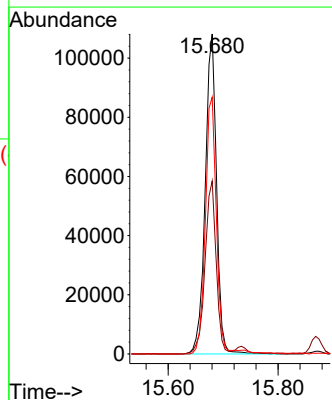
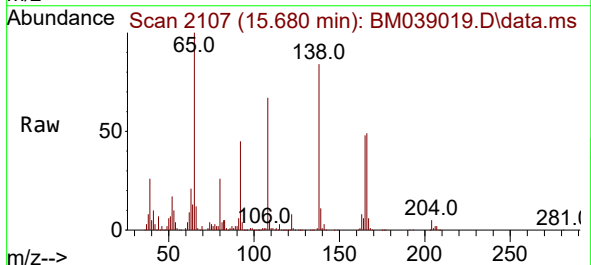
Instrument :  
BNA\_M  
ClientSampleId :

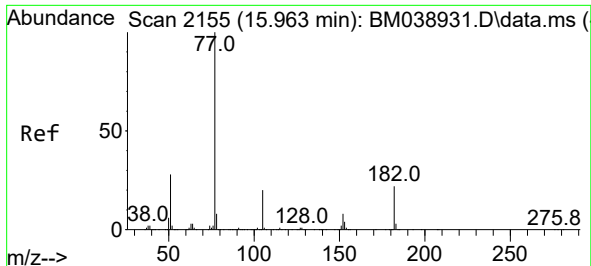
Tgt Ion:204 Resp: 324684  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.4 39.6  
141 61.9 46.4 69.6



#62  
4-Nitroaniline  
Concen: 9.095 ng  
RT: 15.680 min Scan# 2107  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:138 Resp: 154294  
Ion Ratio Lower Upper  
138 100  
92 54.1 31.6 71.6  
108 80.2 58.6 98.6

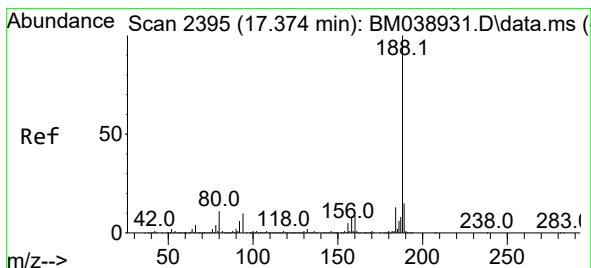
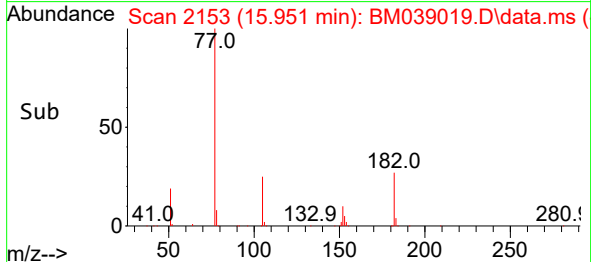
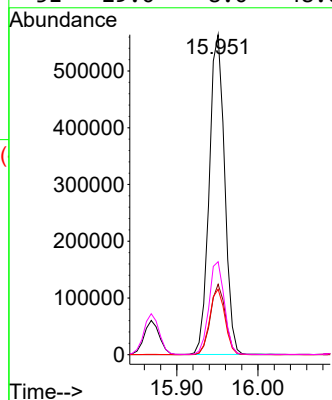
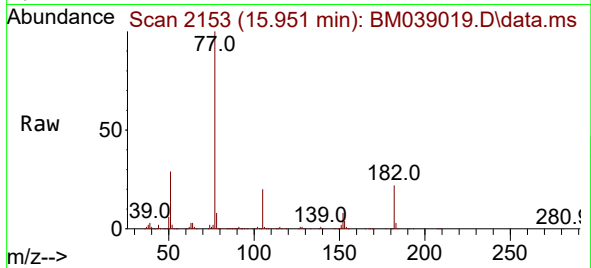




#63  
Azobenzene  
Concen: 9.965 ng  
RT: 15.951 min Scan# 2153  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

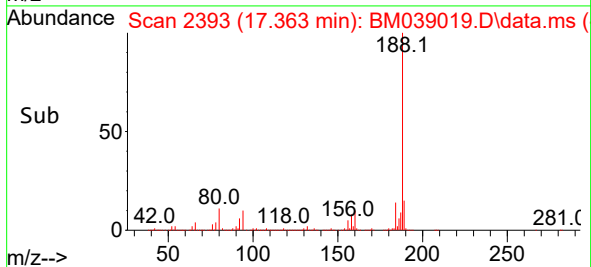
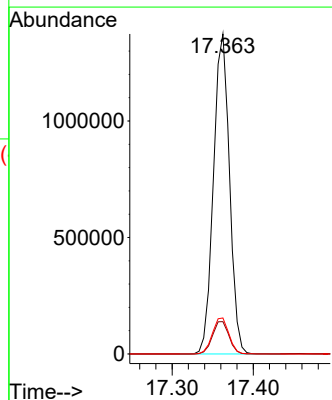
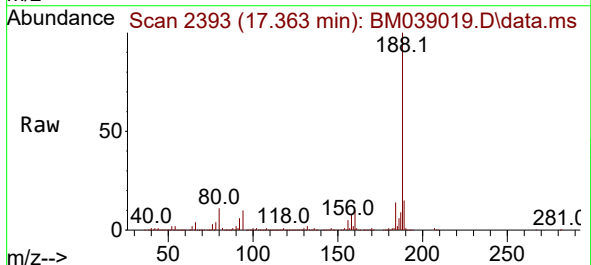
Instrument :  
BNA\_M  
ClientSampleId :

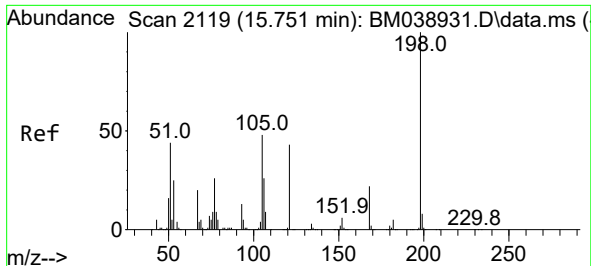
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 739984 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.0    | 2.0 42.0     |
| 105 20.5    | 0.4 40.4     |
| 51 29.0     | 8.0 48.0     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.363 min Scan# 2393  
Delta R.T. 0.001 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

|             |               |       |  |
|-------------|---------------|-------|--|
| Tgt Ion:188 | Resp: 1884677 |       |  |
| Ion Ratio   | Lower         | Upper |  |
| 188 100     |               |       |  |
| 94 10.1     | 7.9           | 11.9  |  |
| 80 11.2     | 8.5           | 12.7  |  |

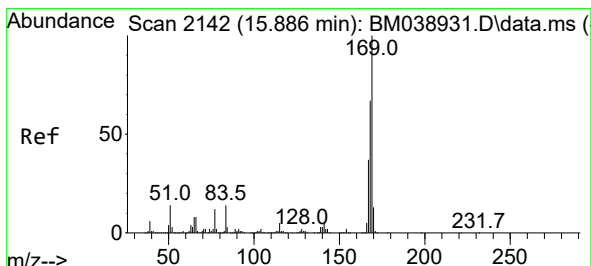
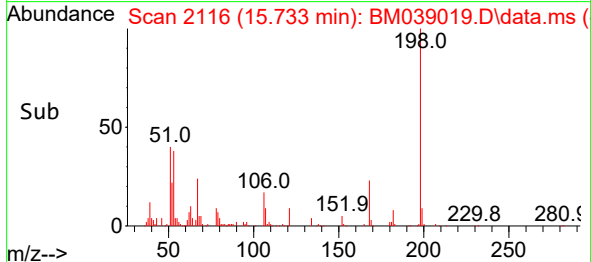
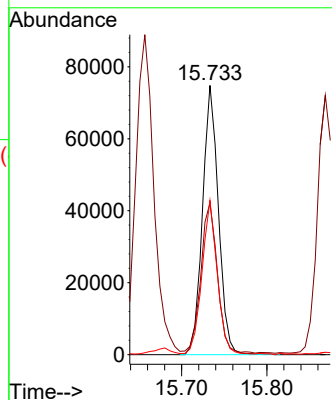
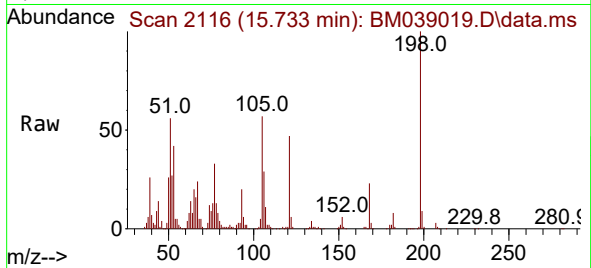




#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.597 ng  
RT: 15.733 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

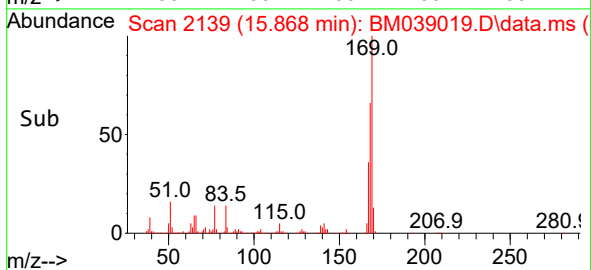
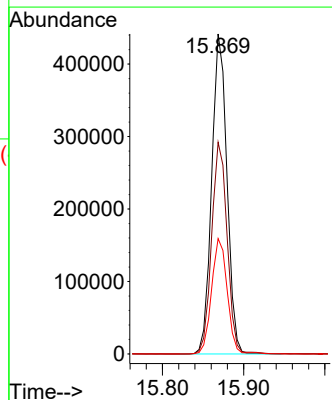
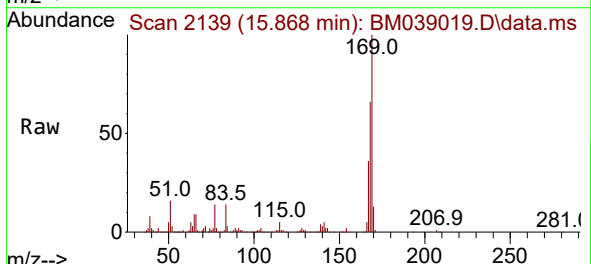
Instrument :  
BNA\_M  
ClientSampleId :

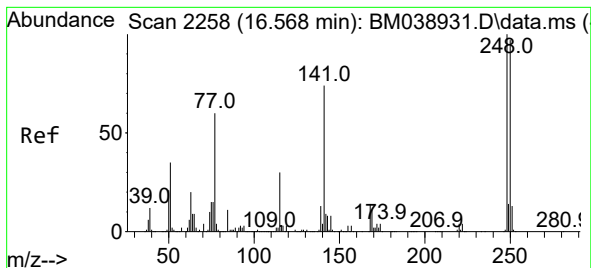
Tgt Ion:198 Resp: 97002  
Ion Ratio Lower Upper  
198 100  
51 56.3 30.1 70.1  
105 57.3 29.3 69.3



#66  
n-Nitrosodiphenylamine  
Concen: 9.051 ng  
RT: 15.868 min Scan# 2139  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:169 Resp: 575079  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.4 80.0  
167 36.1 29.4 44.0

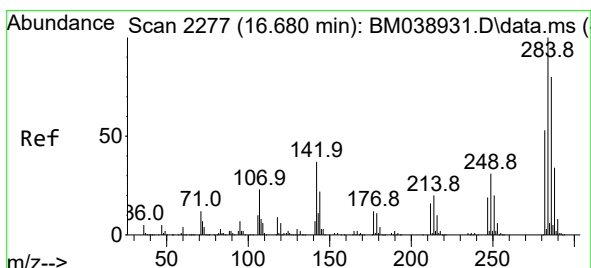
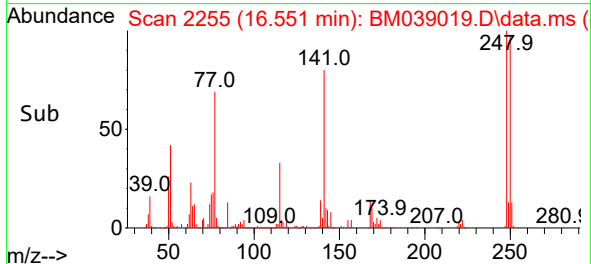
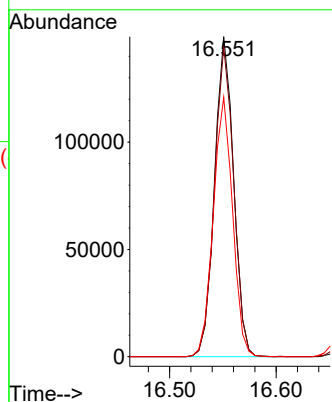
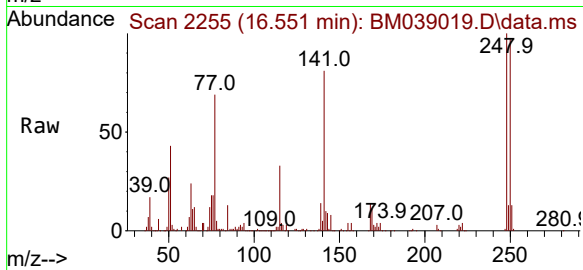




#67  
4-Bromophenyl-phenylether  
Concen: 9.107 ng  
RT: 16.551 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

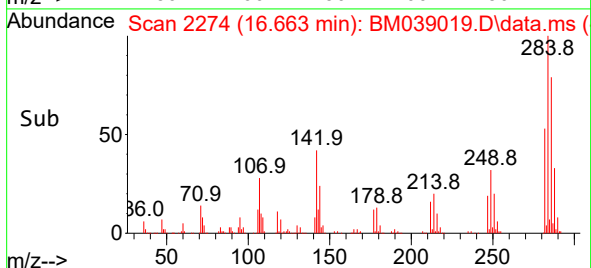
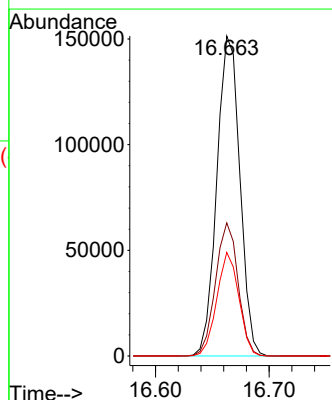
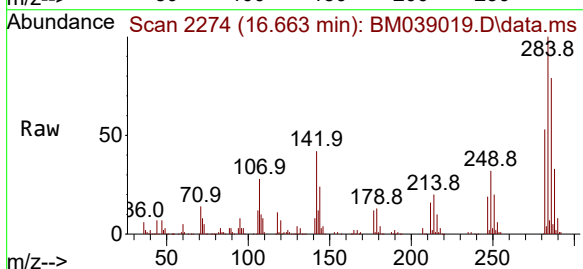
Instrument :  
BNA\_M  
ClientSampleId :

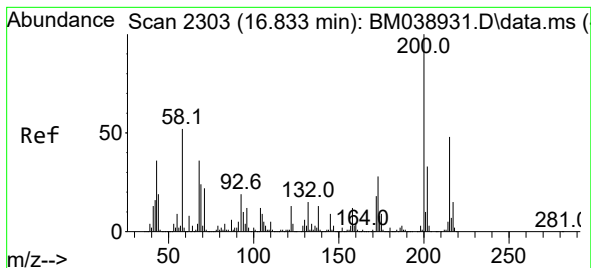
Tgt Ion:248 Resp: 185386  
Ion Ratio Lower Upper  
248 100  
250 96.9 77.8 116.8  
141 81.0 59.0 88.4



#68  
Hexachlorobenzene  
Concen: 9.376 ng  
RT: 16.663 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:284 Resp: 213359  
Ion Ratio Lower Upper  
284 100  
142 41.6 29.5 44.3  
249 32.3 25.0 37.4





#69

Atrazine

Concen: 7.076 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

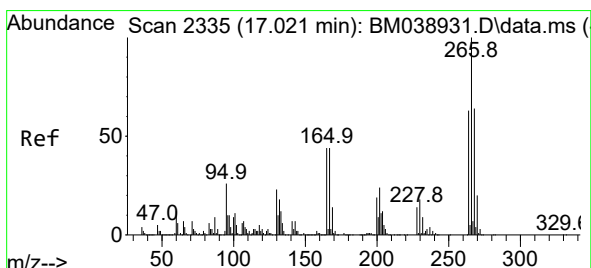
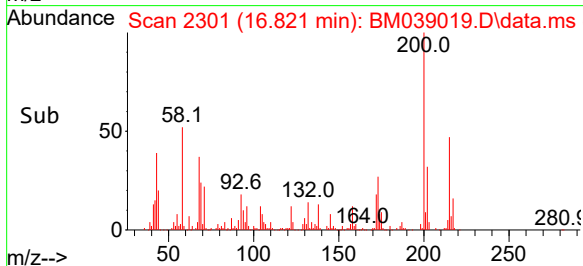
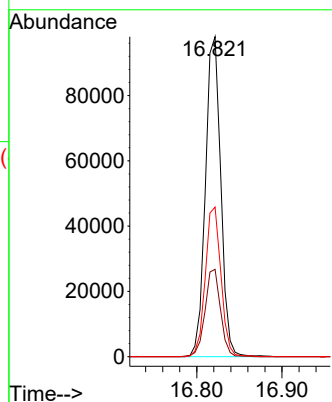
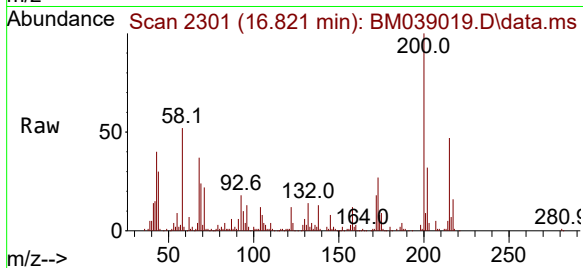
Tgt Ion:200 Resp: 122799

Ion Ratio Lower Upper

200 100

173 27.3 8.2 48.2

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 9.074 ng

RT: 17.010 min Scan# 2333

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

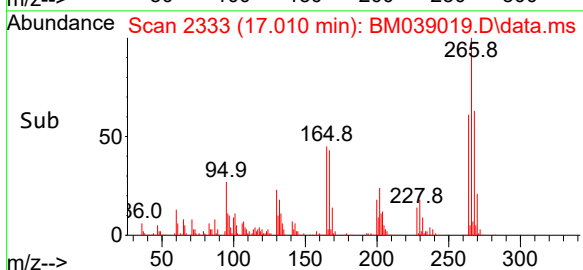
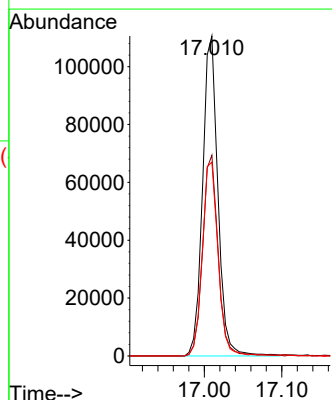
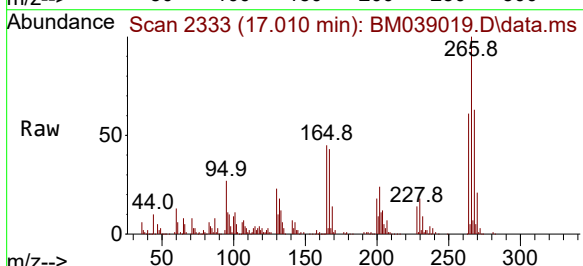
Tgt Ion:266 Resp: 151879

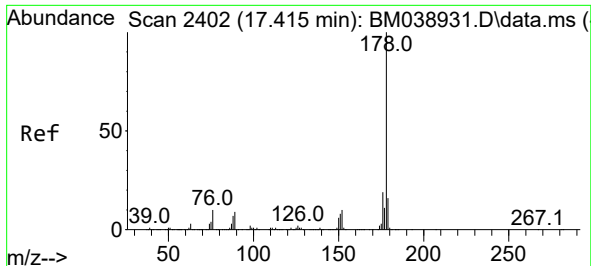
Ion Ratio Lower Upper

266 100

268 62.8 51.0 76.4

264 60.6 50.3 75.5

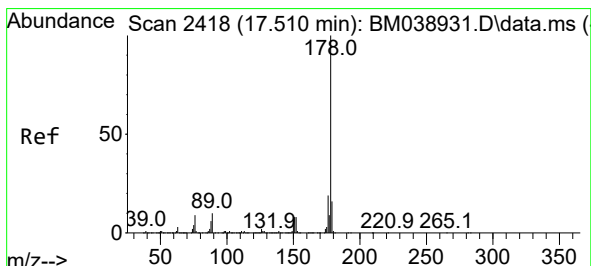
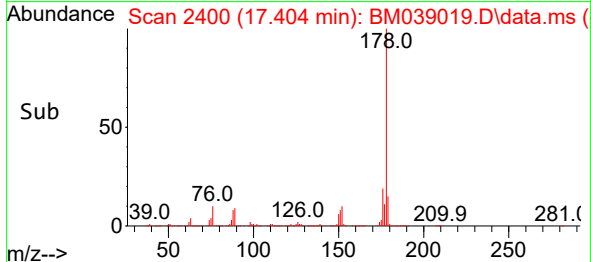
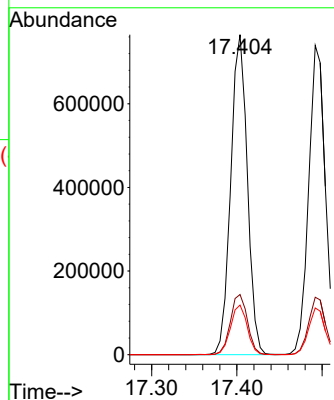
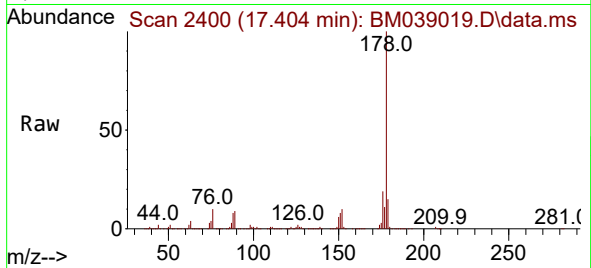




#71  
Phenanthrene  
Concen: 9.362 ng  
RT: 17.404 min Scan# 2402  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

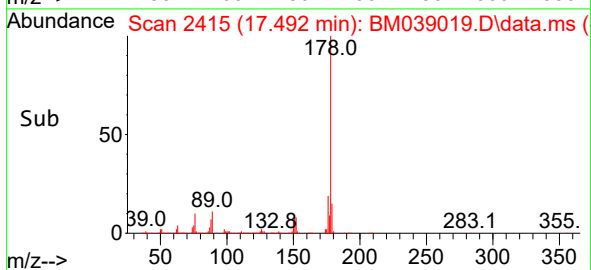
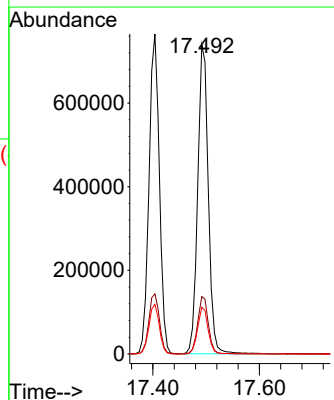
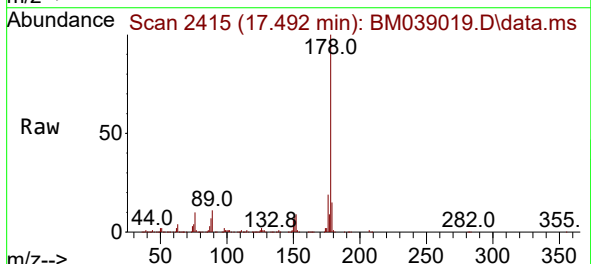
Instrument :  
BNA\_M  
ClientSampleId :

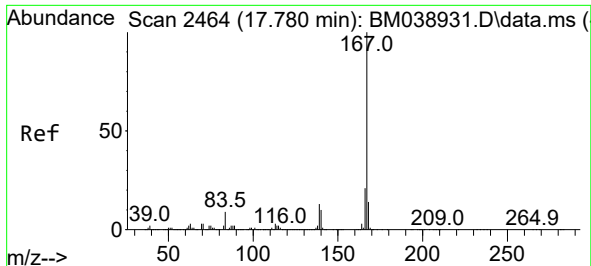
Tgt Ion:178 Resp: 1035510  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.6 23.4  
179 15.5 12.5 18.7



#72  
Anthracene  
Concen: 9.231 ng  
RT: 17.492 min Scan# 2415  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

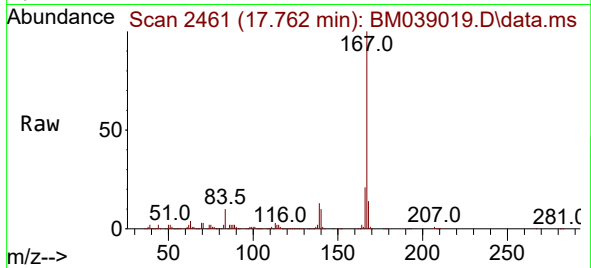
Tgt Ion:178 Resp: 1018222  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.3 22.9  
179 15.1 12.5 18.7



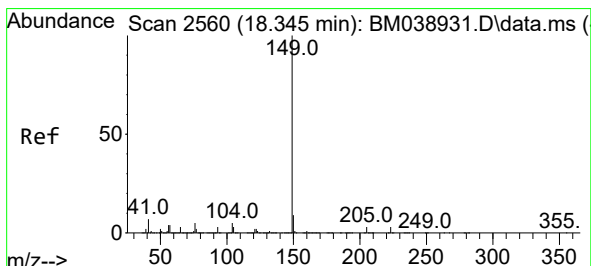
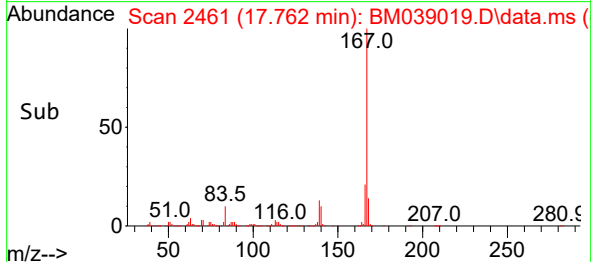
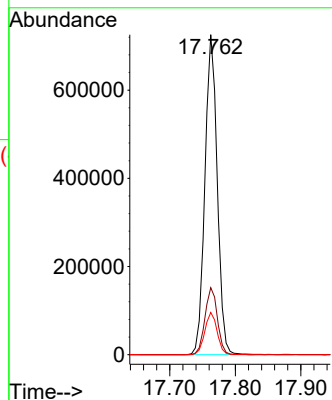


#73  
 Carbazole  
 Concen: 9.447 ng  
 RT: 17.762 min Scan# 2461  
 Delta R.T. 0.000 min  
 Lab File: BM039019.D  
 Acq: 16 Mar 2023 16:57

Instrument :  
 BNA\_M  
 ClientSampleId :

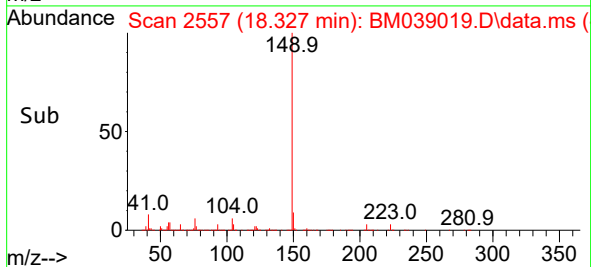
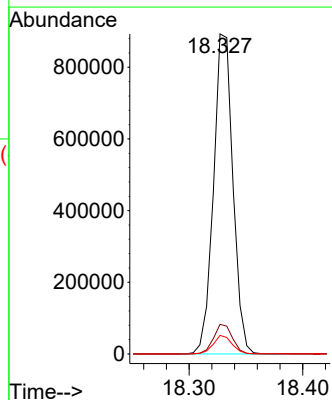
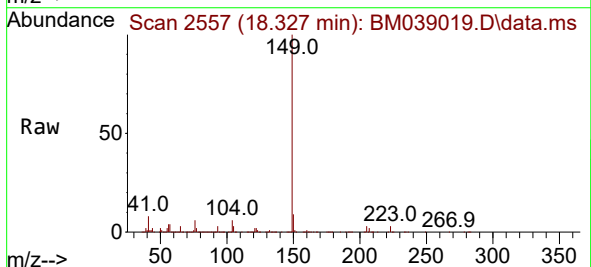


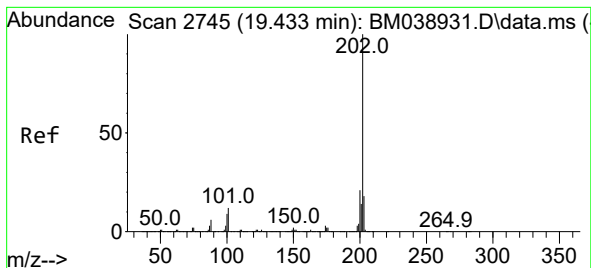
Tgt Ion:167 Resp: 951025  
 Ion Ratio Lower Upper  
 167 100  
 166 20.9 17.0 25.4  
 139 13.2 10.3 15.5



#74  
 Di-n-butylphthalate  
 Concen: 9.498 ng  
 RT: 18.327 min Scan# 2557  
 Delta R.T. 0.000 min  
 Lab File: BM039019.D  
 Acq: 16 Mar 2023 16:57

Tgt Ion:149 Resp: 1062167  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 5.8 4.3 6.5





#75

Fluoranthene

Concen: 9.001 ng

RT: 19.415 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

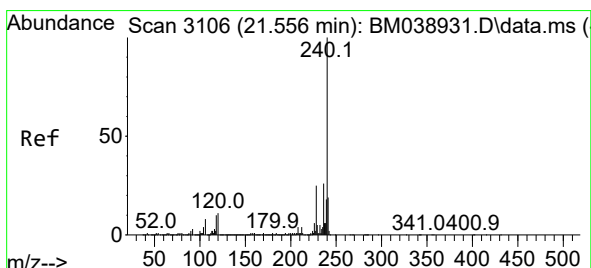
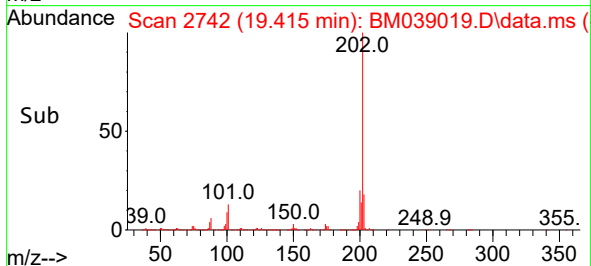
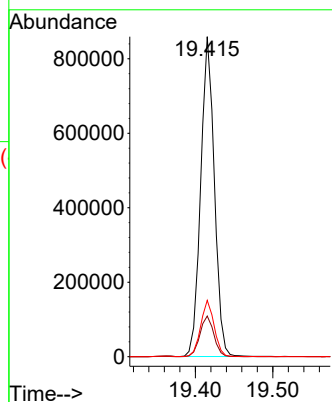
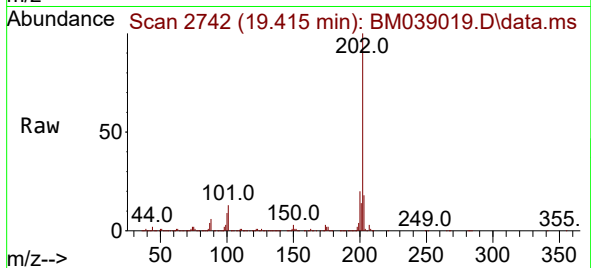
Tgt Ion:202 Resp: 1051201

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.7

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

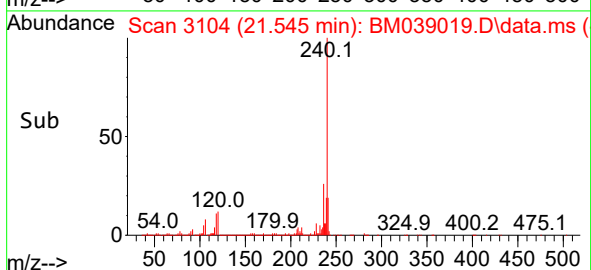
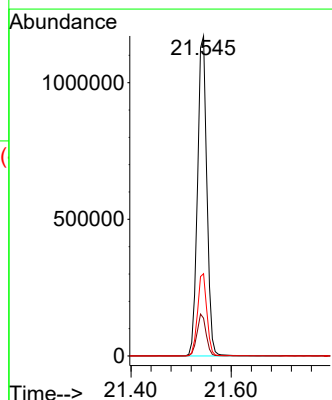
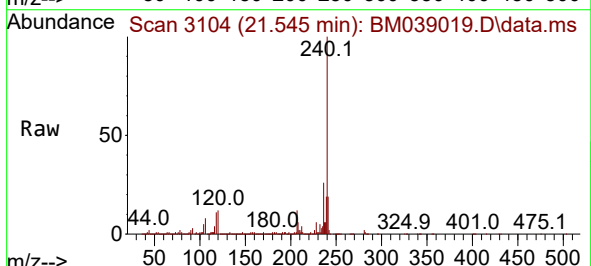
Tgt Ion:240 Resp: 1510075

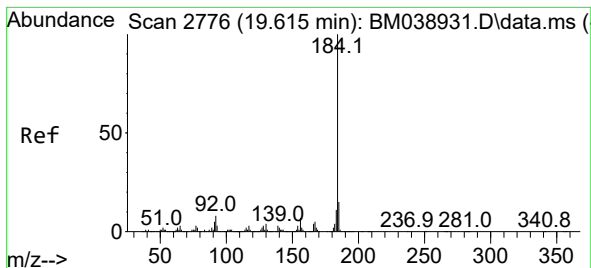
Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 25.7 20.8 31.2





#77

Benzidine

Concen: 10.109 ng

RT: 19.604 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

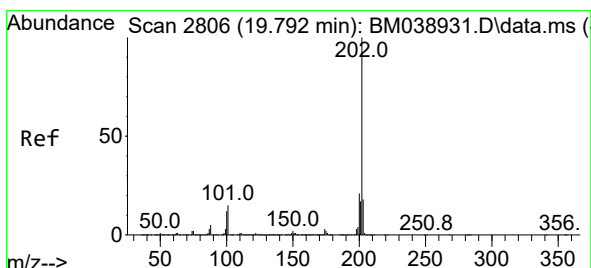
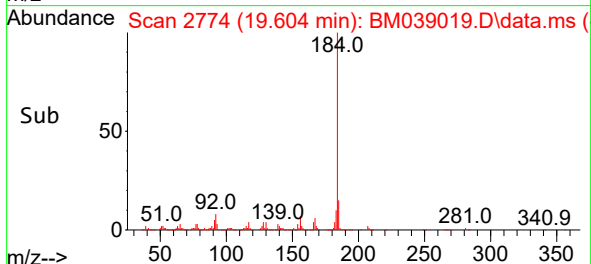
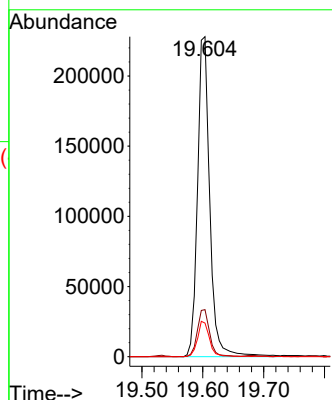
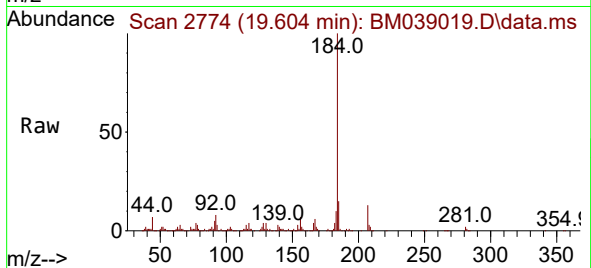
Tgt Ion:184 Resp: 318167

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.4

183 10.5 8.8 13.2



#78

Pyrene

Concen: 9.831 ng

RT: 19.780 min Scan# 2804

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

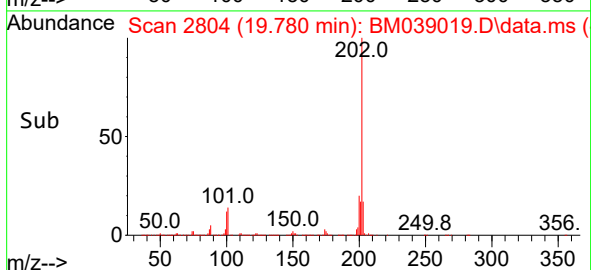
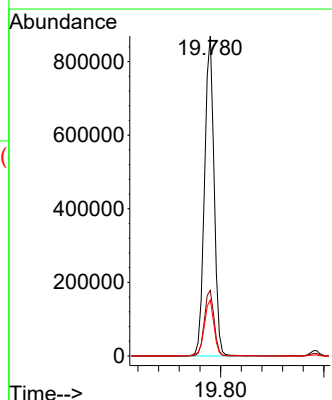
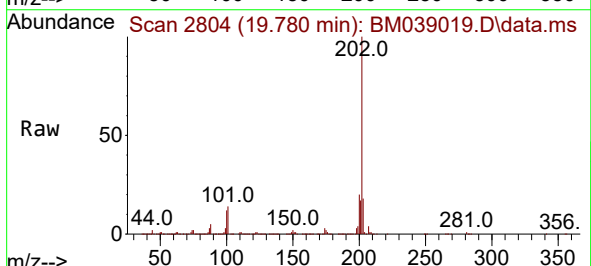
Tgt Ion:202 Resp: 1115045

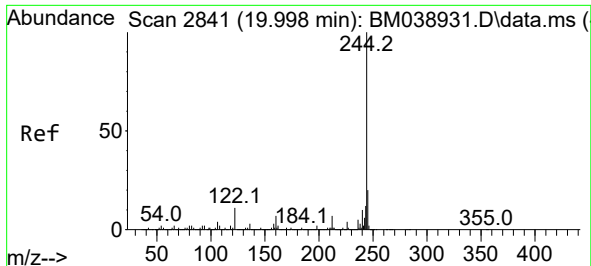
Ion Ratio Lower Upper

202 100

200 20.4 17.1 25.7

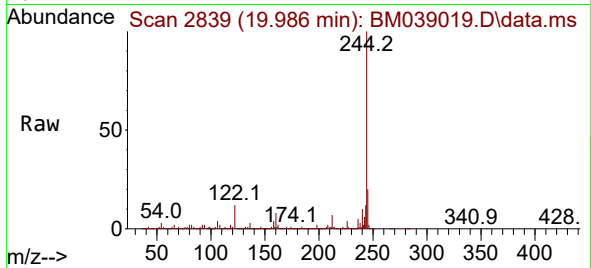
203 17.5 14.1 21.1



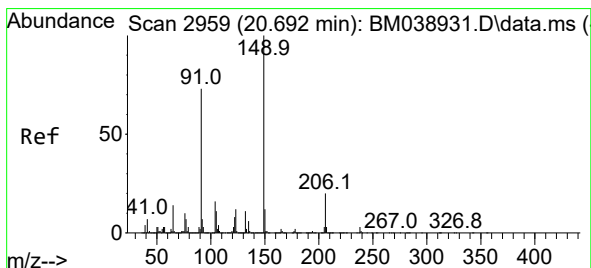
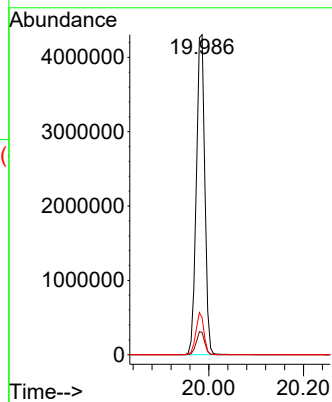
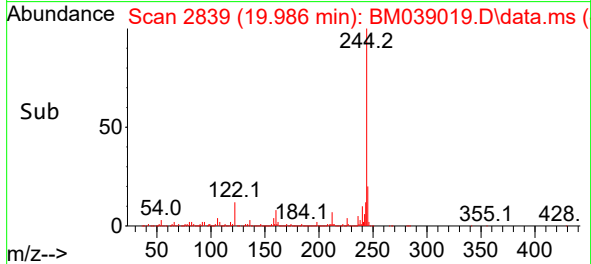


#79  
 Terphenyl-d14  
 Concen: 64.779 ng  
 RT: 19.986 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BM039019.D  
 Acq: 16 Mar 2023 16:57

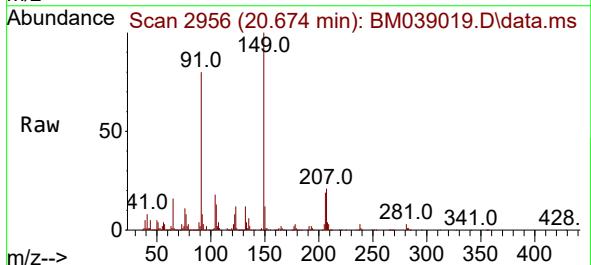
Instrument :  
 BNA\_M  
 ClientSampleId :



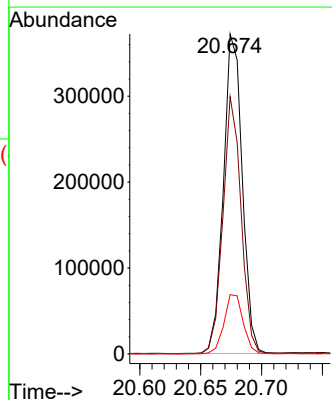
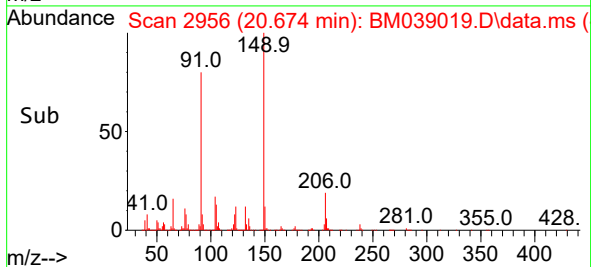
Tgt Ion:244 Resp: 5350325  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 11.6 9.0 13.4

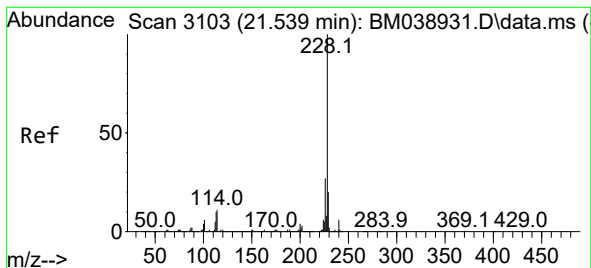


#80  
 Butylbenzylphthalate  
 Concen: 9.550 ng  
 RT: 20.674 min Scan# 2956  
 Delta R.T. 0.000 min  
 Lab File: BM039019.D  
 Acq: 16 Mar 2023 16:57



Tgt Ion:149 Resp: 402287  
 Ion Ratio Lower Upper  
 149 100  
 91 80.4 58.4 87.6  
 206 18.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 9.155 ng

RT: 21.527 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

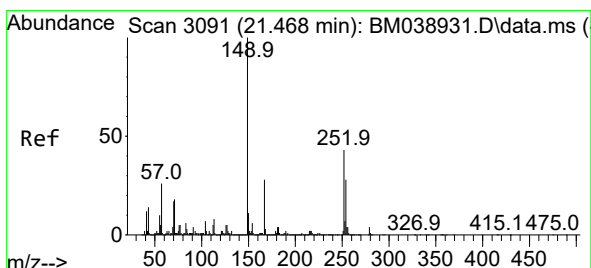
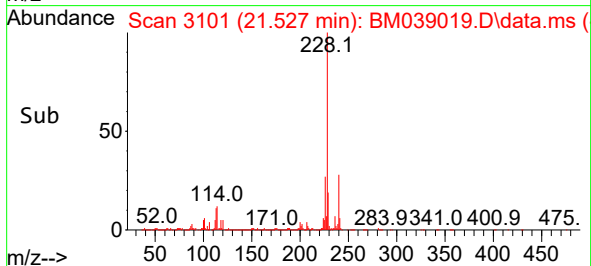
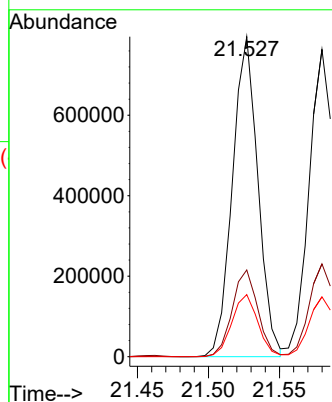
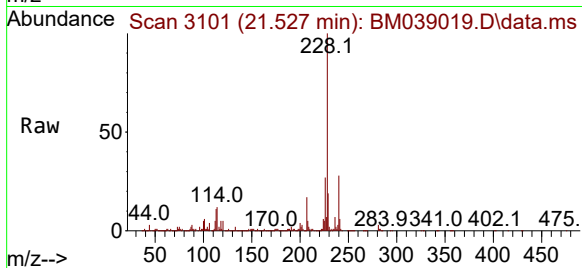
Tgt Ion:228 Resp: 995581

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 6.958 ng

RT: 21.456 min Scan# 3089

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

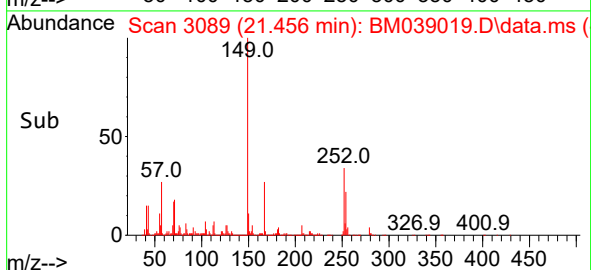
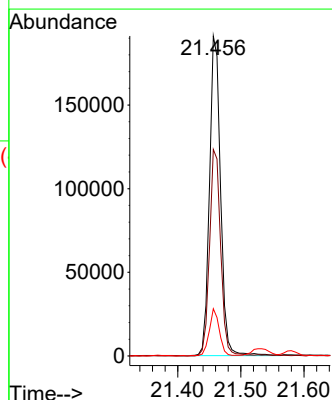
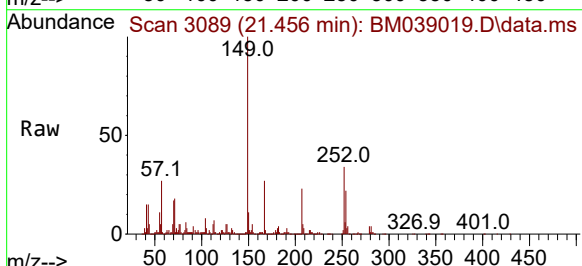
Tgt Ion:252 Resp: 232560

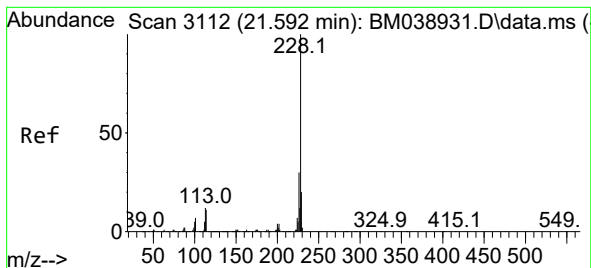
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 14.7 9.9 14.9





#83

Chrysene

Concen: 9.112 ng

RT: 21.580 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

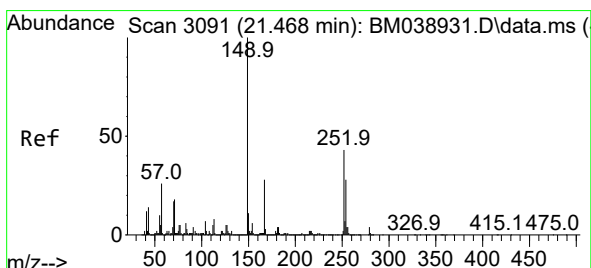
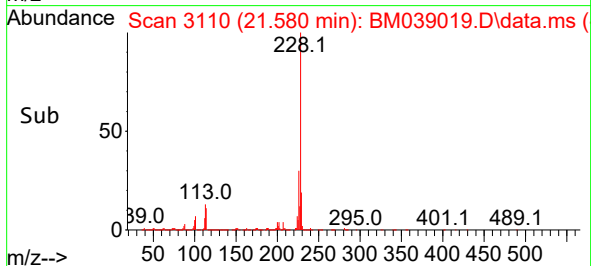
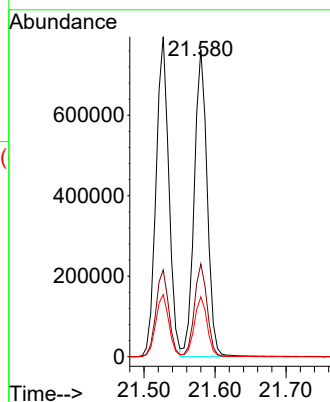
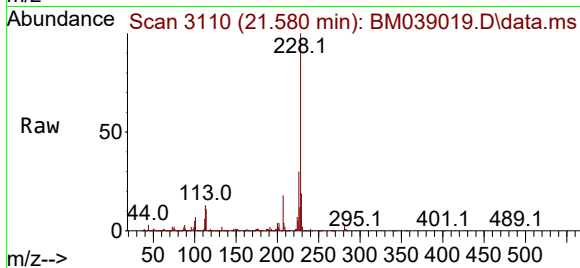
Tgt Ion:228 Resp: 963729

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.678 ng

RT: 21.456 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

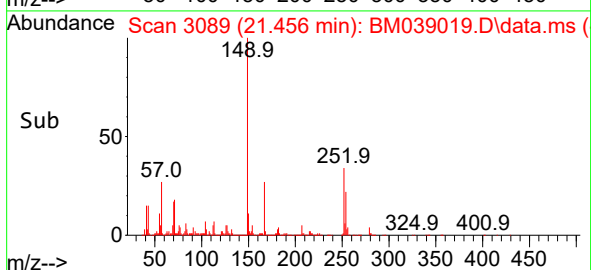
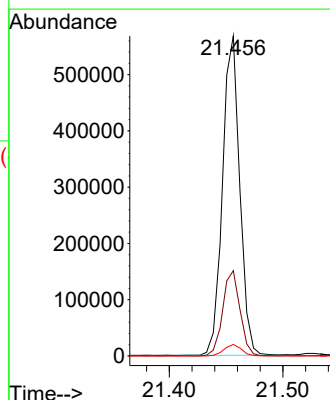
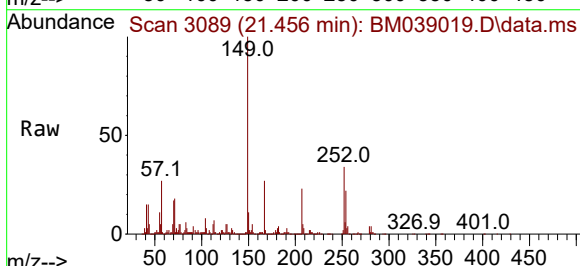
Tgt Ion:149 Resp: 598301

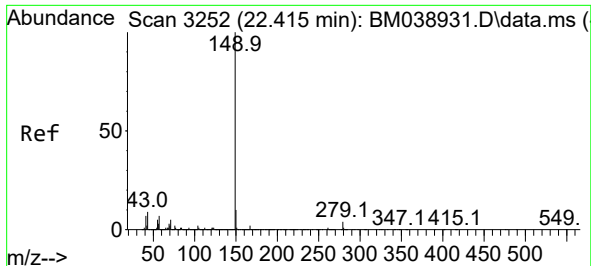
Ion Ratio Lower Upper

149 100

167 26.7 22.3 33.5

279 3.6 3.2 4.8

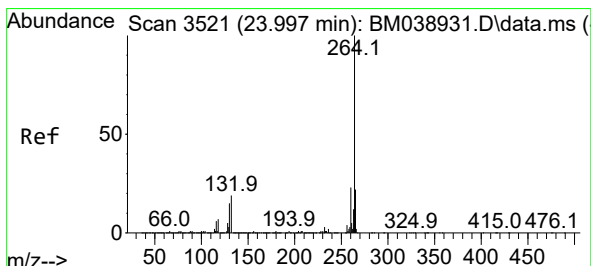
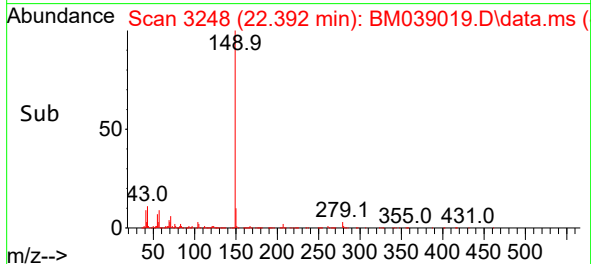
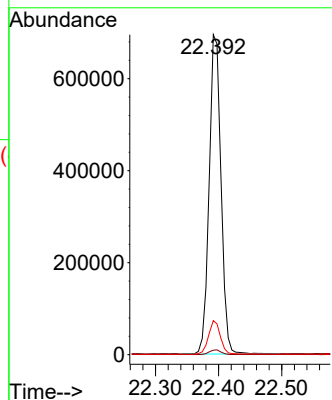
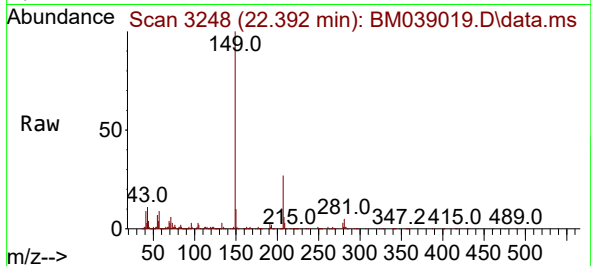




#85  
Di-n-octyl phthalate  
Concen: 8.469 ng  
RT: 22.392 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

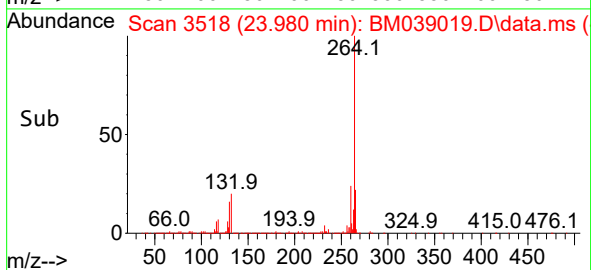
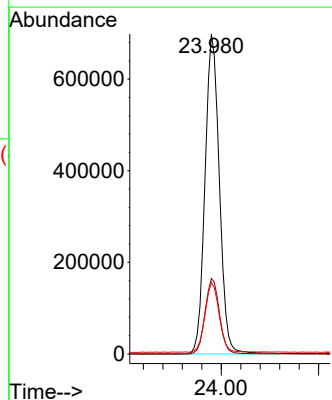
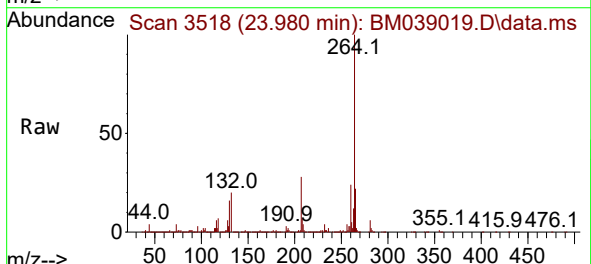
Instrument :  
BNA\_M  
ClientSampleId :

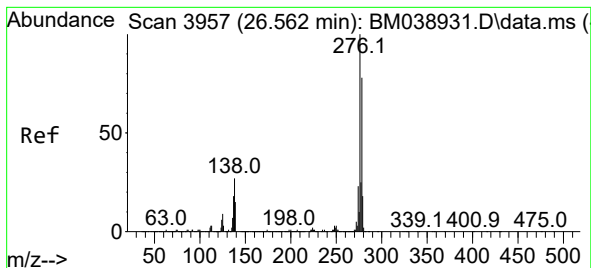
Tgt Ion:149 Resp: 904096  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 10.7 7.4 11.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.980 min Scan# 3518  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:264 Resp: 1423351  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.7 28.1  
265 22.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.448 ng

RT: 26.515 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

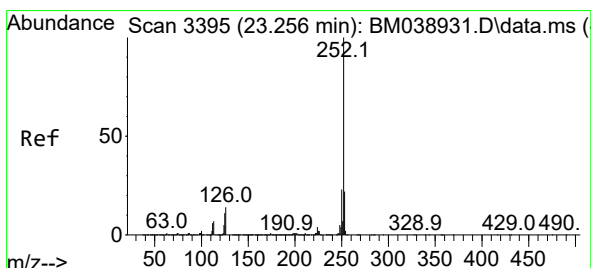
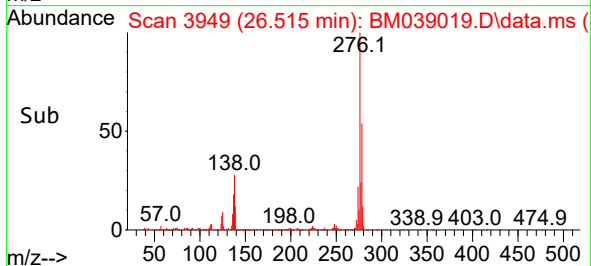
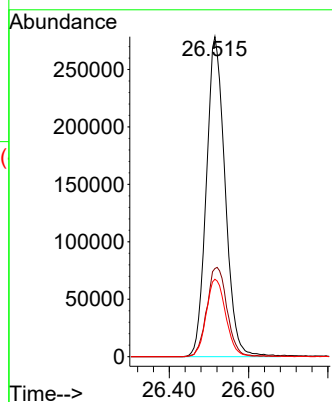
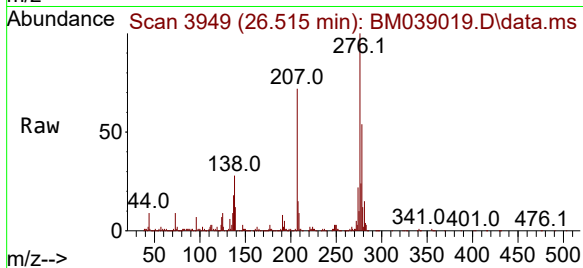
Tgt Ion:276 Resp: 914930

Ion Ratio Lower Upper

276 100

138 30.1 22.1 33.1

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 10.000 ng

RT: 23.239 min Scan# 3392

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

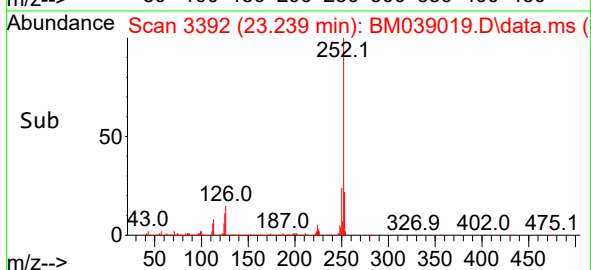
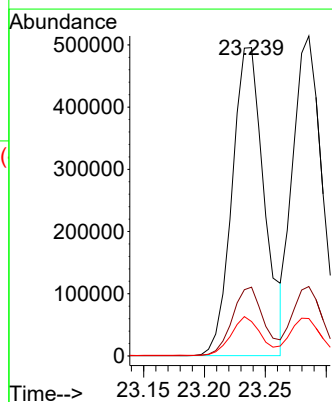
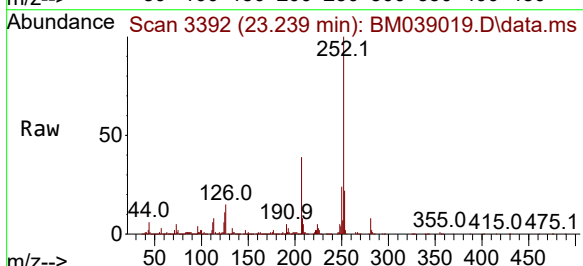
Tgt Ion:252 Resp: 909313

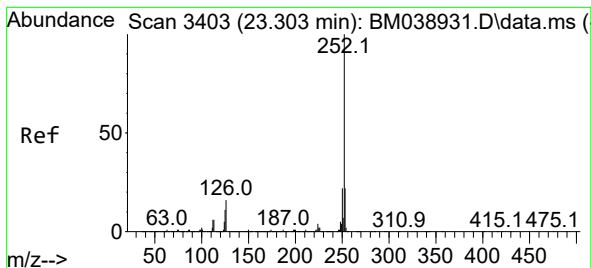
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.1 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 9.121 ng

RT: 23.286 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

Instrument :

BNA\_M

ClientSampleId :

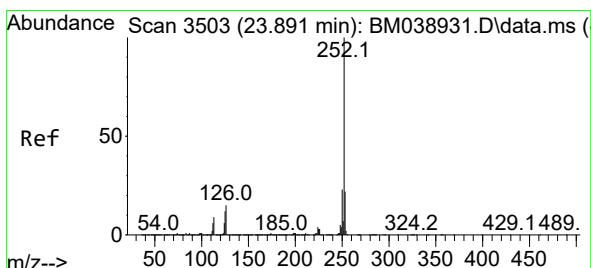
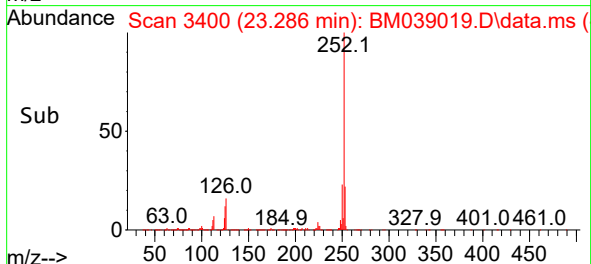
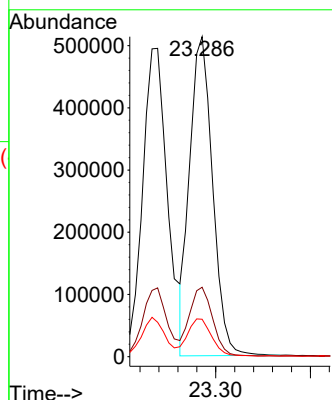
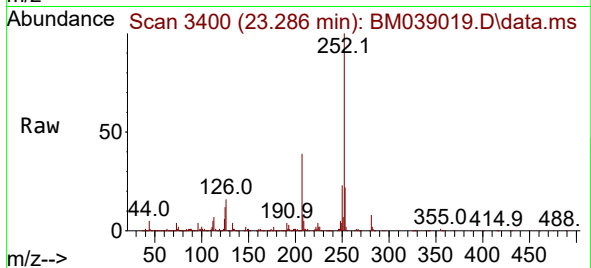
Tgt Ion:252 Resp: 863198

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 11.7 8.9 13.3



#90

Benzo(a)pyrene

Concen: 8.328 ng

RT: 23.868 min Scan# 3499

Delta R.T. -0.006 min

Lab File: BM039019.D

Acq: 16 Mar 2023 16:57

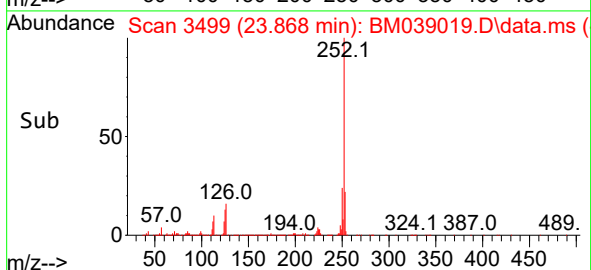
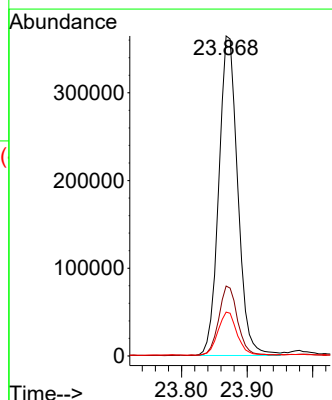
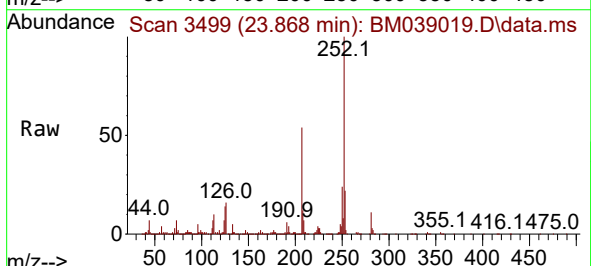
Tgt Ion:252 Resp: 728812

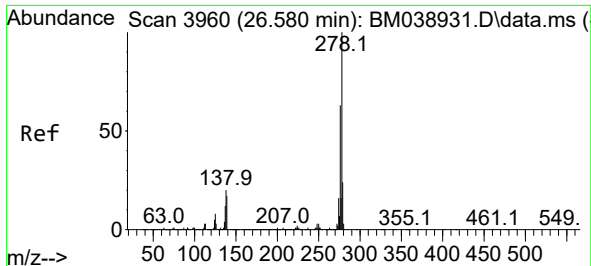
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 13.7 9.8 14.8

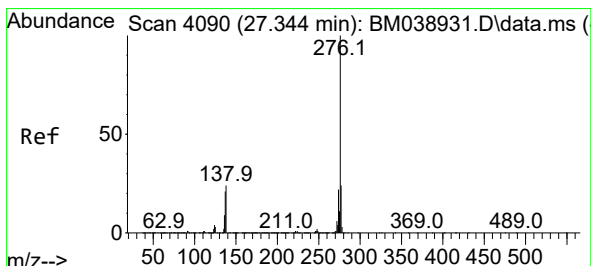
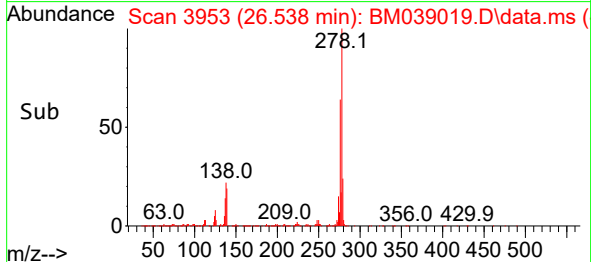
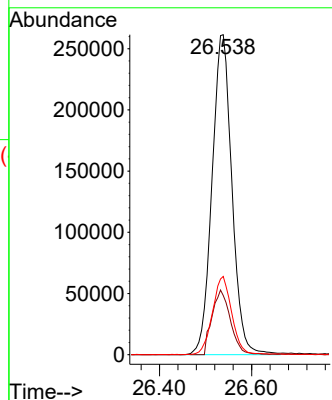
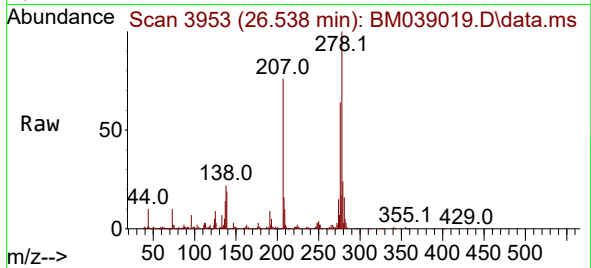




#91  
Dibenzo(a,h)anthracene  
Concen: 8.538 ng  
RT: 26.538 min Scan# 3960  
Delta R.T. 0.000 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:278 Resp: 783153  
Ion Ratio Lower Upper  
278 100  
139 18.5 13.7 20.5  
279 24.5 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 8.282 ng  
RT: 27.297 min Scan# 4082  
Delta R.T. -0.006 min  
Lab File: BM039019.D  
Acq: 16 Mar 2023 16:57

Tgt Ion:276 Resp: 743243  
Ion Ratio Lower Upper  
276 100  
277 23.1 19.3 28.9  
138 25.0 19.0 28.6

