

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110223\  
 Data File : BM042553.D  
 Acq On : 02 Nov 2023 10:03  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 02 22:37:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 02:55:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.928  | 152  | 82195    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.745 | 136  | 328000   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.580 | 164  | 210553   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.333 | 188  | 474977   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.515 | 240  | 400398   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.938 | 264  | 420585   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 394740   | 77.506  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.098  | 99   | 545071   | 78.036  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.128  | 82   | 621309   | 88.302  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.080 | 330  | 266040   | 96.779  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.198 | 172  | 1378944  | 88.125  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.944 | 244  | 2424328  | 102.666 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.310  | 88   | 95571    | 39.375  | ng    | 97       |
| 3) Pyridine                   | 3.734  | 79   | 238561   | 34.263  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.663  | 42   | 145437   | 43.405  | ng    | # 80     |
| 6) Aniline                    | 7.269  | 93   | 338992   | 38.181  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.486  | 128  | 209359   | 38.123  | ng    | 99       |
| 9) Benzaldehyde               | 7.087  | 77   | 167928   | 41.715  | ng    | 100      |
| 10) Phenol                    | 7.122  | 94   | 270253   | 38.097  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.369  | 93   | 222278   | 37.038  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.804  | 146  | 232713   | 39.209  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.963  | 146  | 234852   | 39.098  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.275  | 146  | 228051   | 39.324  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.192  | 79   | 237833   | 48.096  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 357210   | 37.403  | ng    | 99       |
| 17) 2-Methylphenol            | 8.381  | 107  | 198415   | 39.502  | ng    | 96       |
| 18) Hexachloroethane          | 8.986  | 117  | 96569    | 41.088  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.745  | 70   | 208086   | 42.113  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.716  | 107  | 272371   | 40.558  | ng    | 96       |
| 22) Acetophenone              | 8.781  | 105  | 351526   | 42.494  | ng    | # 98     |
| 24) Nitrobenzene              | 9.175  | 77   | 300620   | 43.378  | ng    | 98       |
| 25) Isophorone                | 9.686  | 82   | 555939   | 44.640  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.875  | 139  | 125406   | 42.952  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.916  | 122  | 198648   | 41.695  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.169 | 93   | 306535   | 40.856  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.398 | 162  | 217064   | 46.046  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.598 | 180  | 234582   | 45.407  | ng    | 98       |
| 31) Naphthalene               | 10.798 | 128  | 705697   | 41.643  | ng    | 100      |
| 32) Benzoic acid              | 10.098 | 122  | 163164   | 42.612  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.939 | 127  | 296133   | 44.817  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.016 | 225  | 161205   | 51.394  | ng    | 99       |
| 35) Caprolactam               | 11.792 | 113  | 69736    | 42.103  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.051 | 107  | 239423   | 44.627  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.404 | 142  | 510642   | 42.787  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.627 | 142  | 476653   | 42.431  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.757 | 216  | 287513   | 45.708  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.698 | 237  | 232685   | 63.100  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.016 | 196  | 189147   | 46.948  | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110223\  
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 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

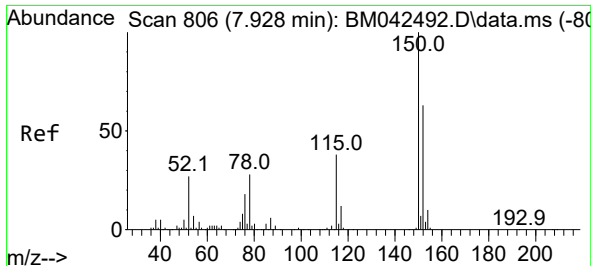
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 02 22:37:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 02:55:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.092 | 196  | 218127   | 45.497 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.416 | 154  | 671274   | 41.707 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.468 | 162  | 492739   | 41.731 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.704 | 65   | 189238   | 40.485 | ng    | 98       |
| 49) Acenaphthylene            | 14.310 | 152  | 833231   | 42.610 | ng    | 99       |
| 50) Dimethylphthalate         | 14.051 | 163  | 693901   | 44.094 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.198 | 165  | 145552   | 44.878 | ng    | 99       |
| 52) Acenaphthene              | 14.645 | 154  | 490134   | 41.299 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.539 | 138  | 146672   | 41.022 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.745 | 184  | 87860    | 42.226 | ng    | 97       |
| 55) Dibenzofuran              | 14.980 | 168  | 833520   | 43.197 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.839 | 139  | 108128   | 40.453 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 14.980 | 165  | 207305   | 42.661 | ng    | 98       |
| 58) Fluorene                  | 15.627 | 166  | 675400   | 43.261 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.204 | 232  | 184689   | 45.736 | ng    | 97       |
| 60) Diethylphthalate          | 15.392 | 149  | 703555   | 44.129 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.615 | 204  | 364781   | 46.249 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.704 | 138  | 138258   | 43.210 | ng    | 89       |
| 63) Azobenzene                | 15.915 | 77   | 766307   | 43.617 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 198  | 125844   | 42.038 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.845 | 169  | 567299   | 42.359 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.515 | 248  | 218423   | 45.989 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.604 | 284  | 240142   | 45.704 | ng    | 97       |
| 69) Atrazine                  | 16.792 | 200  | 176956   | 45.727 | ng    | 99       |
| 70) Pentachlorophenol         | 16.968 | 266  | 167006   | 43.234 | ng    | 99       |
| 71) Phenanthrene              | 17.374 | 178  | 1034265  | 41.667 | ng    | 100      |
| 72) Anthracene                | 17.468 | 178  | 1057743  | 43.022 | ng    | 100      |
| 73) Carbazole                 | 17.756 | 167  | 920217   | 46.009 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.274 | 149  | 1317309  | 46.901 | ng    | 99       |
| 75) Fluoranthene              | 19.392 | 202  | 1284096  | 44.040 | ng    | 97       |
| 77) Benzidine                 | 19.597 | 184  | 244042   | 63.541 | ng    | 100      |
| 78) Pyrene                    | 19.756 | 202  | 1299598  | 47.269 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.633 | 149  | 574442   | 48.919 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.497 | 228  | 1115942  | 43.805 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.439 | 252  | 395368   | 48.832 | ng    | 99       |
| 83) Chrysene                  | 21.556 | 228  | 1052768  | 40.682 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.374 | 149  | 800618   | 45.113 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.303 | 149  | 1316566  | 43.099 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.491 | 276  | 1159461  | 46.319 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.244 | 252  | 1027944  | 43.870 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.244 | 252  | 1027944  | 39.370 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.838 | 252  | 962783   | 41.735 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 26.503 | 278  | 954132   | 41.867 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 27.291 | 276  | 926192   | 41.981 | ng    | # 95     |

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

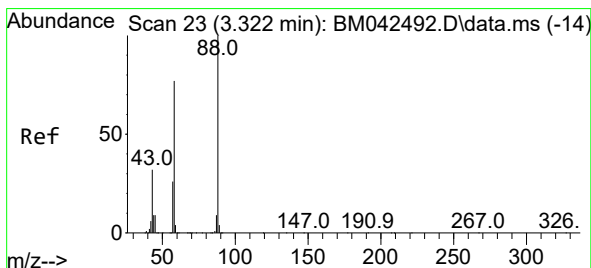
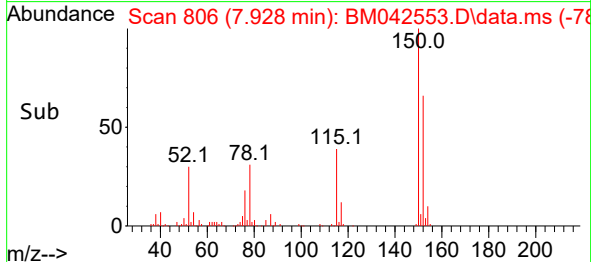
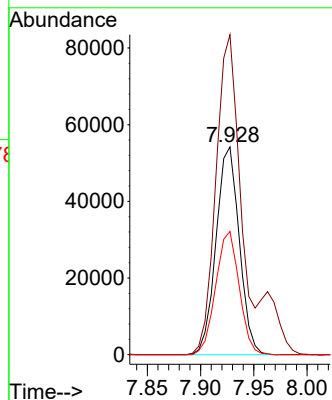
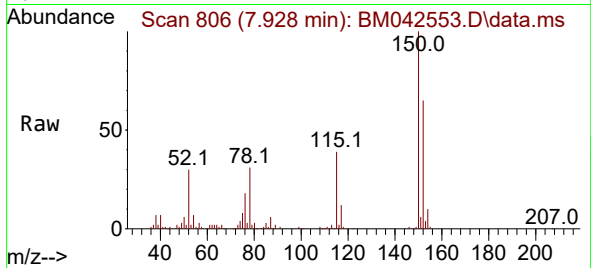




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

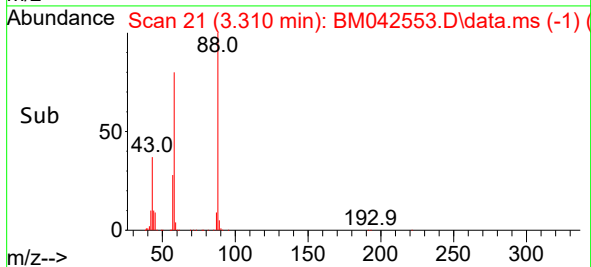
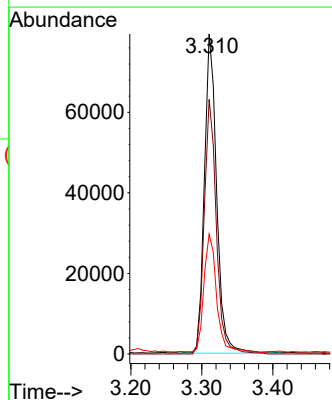
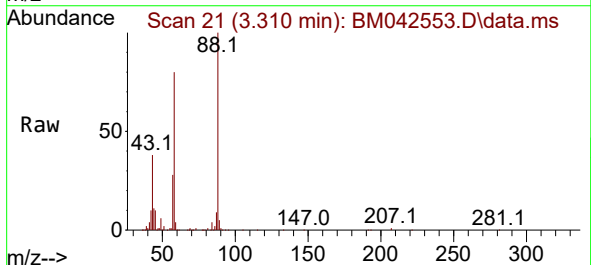
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

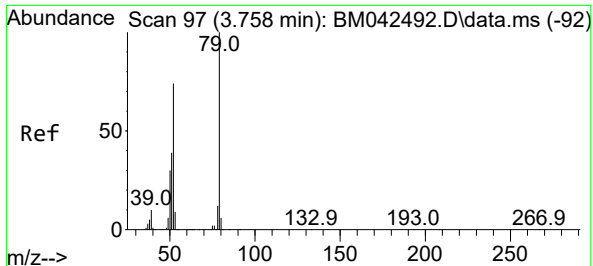
Tgt Ion:152 Resp: 82195  
Ion Ratio Lower Upper  
152 100  
150 153.9 127.4 191.0  
115 59.3 47.9 71.9



#2  
1,4-Dioxane  
Concen: 39.375 ng  
RT: 3.310 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 88 Resp: 95571  
Ion Ratio Lower Upper  
88 100  
58 78.6 62.6 93.8  
43 38.6 26.5 39.7

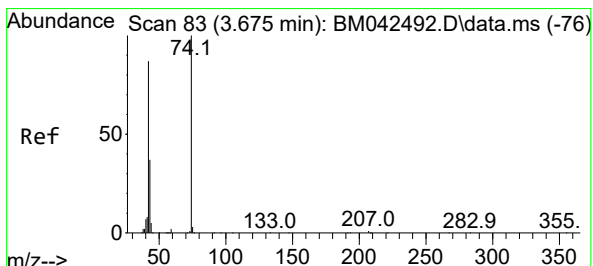
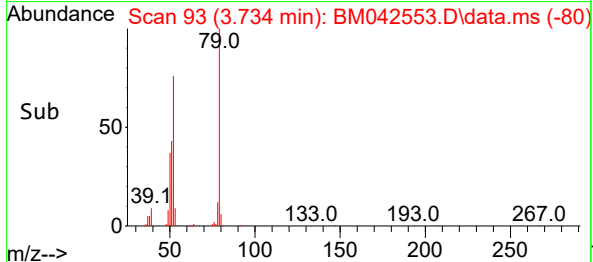
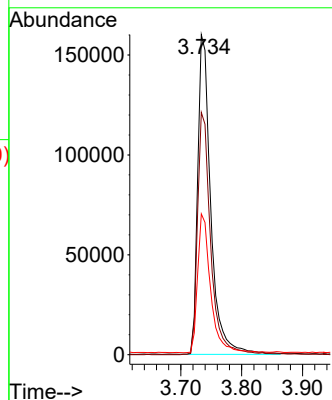
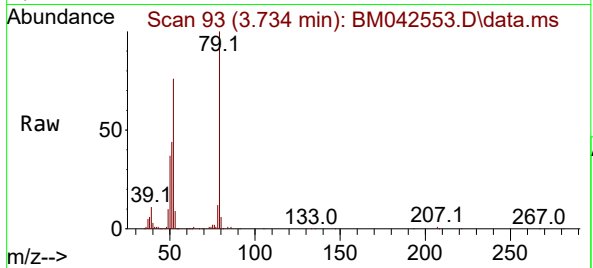




#3  
Pyridine  
Concen: 34.263 ng  
RT: 3.734 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

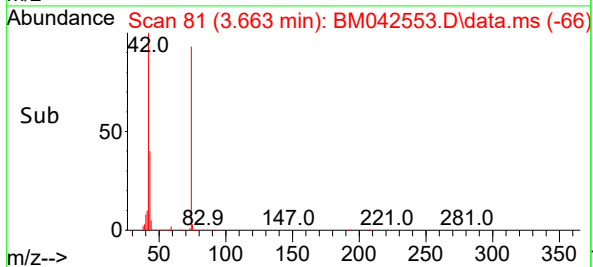
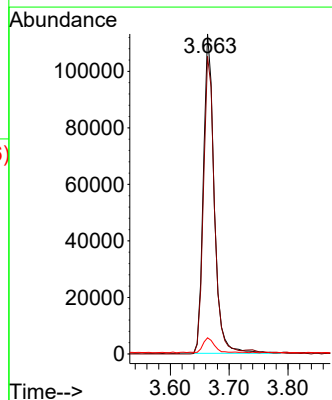
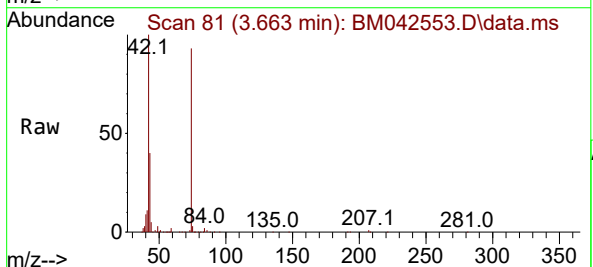
Instrument :  
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ClientSampleId :  
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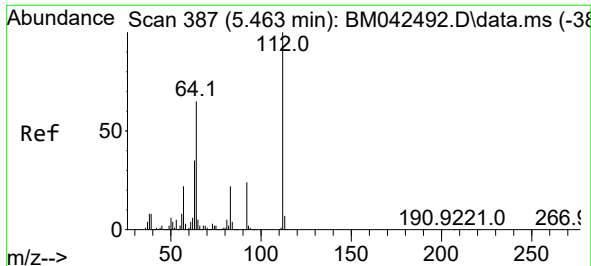
Tgt Ion: 79 Resp: 238561  
Ion Ratio Lower Upper  
79 100  
52 75.7 59.3 88.9  
51 44.0 32.7 49.1



#4  
n-Nitrosodimethylamine  
Concen: 43.405 ng  
RT: 3.663 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 42 Resp: 145437  
Ion Ratio Lower Upper  
42 100  
74 92.9 92.2 138.2  
44 5.1 5.1 7.7#

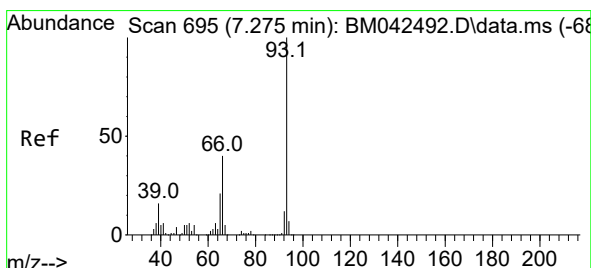
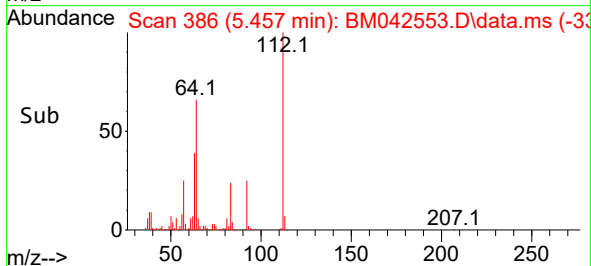
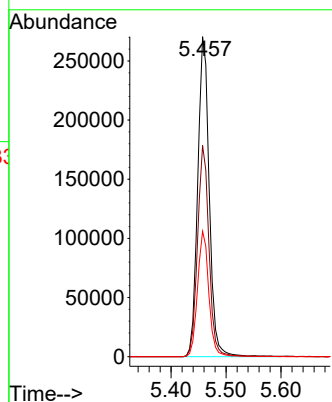
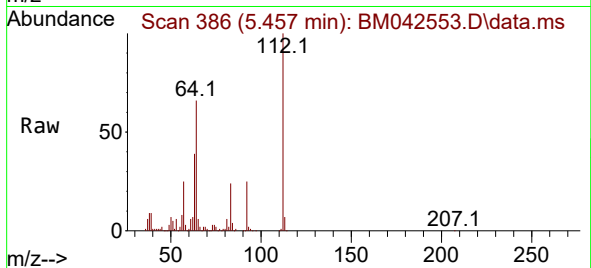




#5  
2-Fluorophenol  
Concen: 77.506 ng  
RT: 5.457 min Scan# 387  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

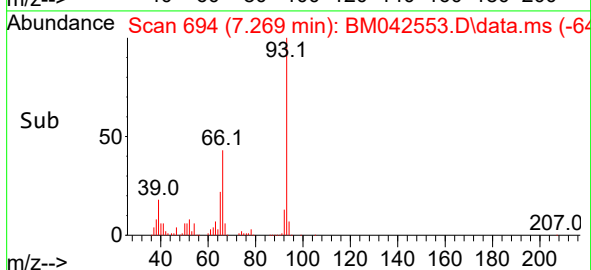
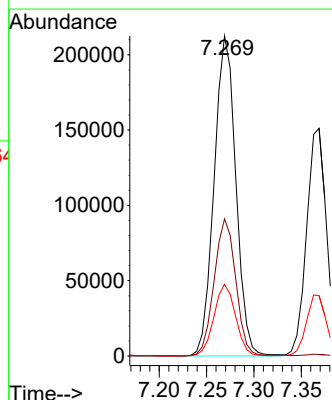
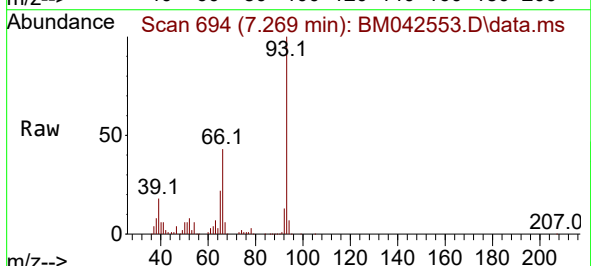
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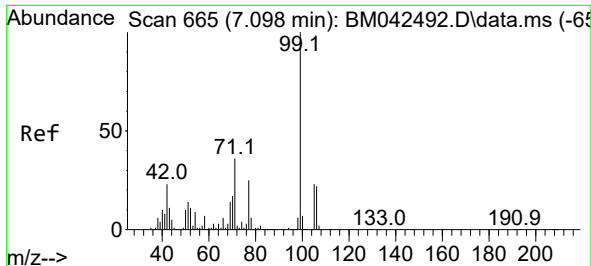
Tgt Ion:112 Resp: 394740  
Ion Ratio Lower Upper  
112 100  
64 66.0 52.1 78.1  
63 39.2 28.3 42.5



#6  
Aniline  
Concen: 38.181 ng  
RT: 7.269 min Scan# 694  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 93 Resp: 338992  
Ion Ratio Lower Upper  
93 100  
66 42.8 32.2 48.2  
65 22.4 17.0 25.6

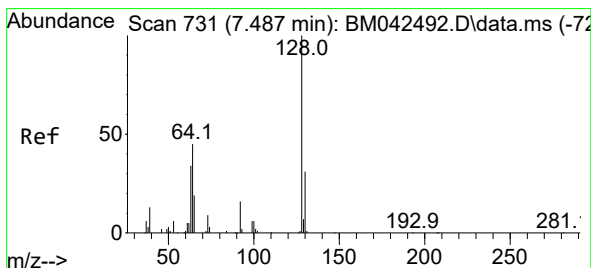
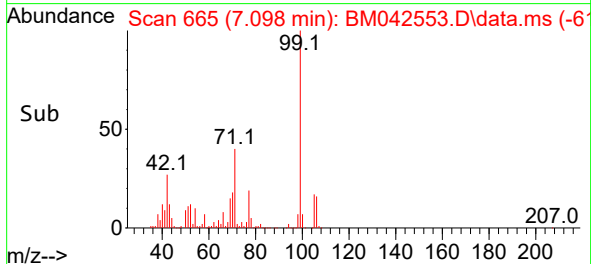
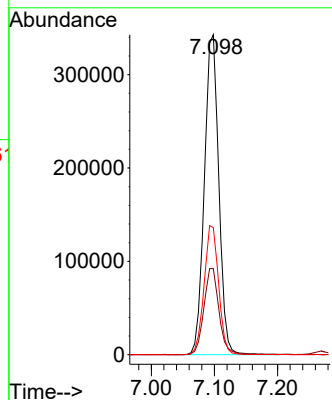
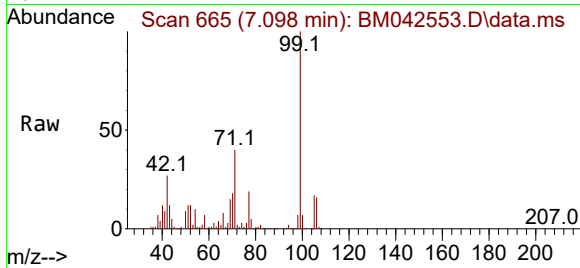




#7  
Phenol-d6  
Concen: 78.036 ng  
RT: 7.098 min Scan# 665  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

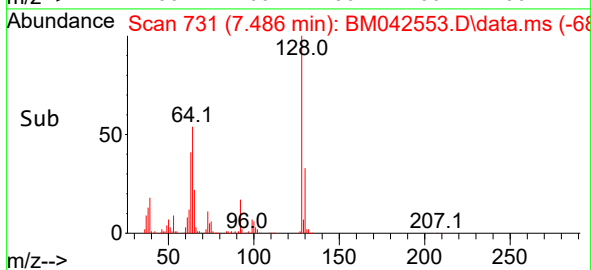
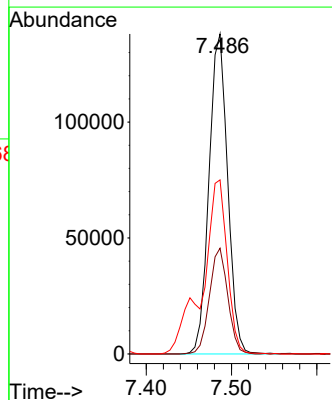
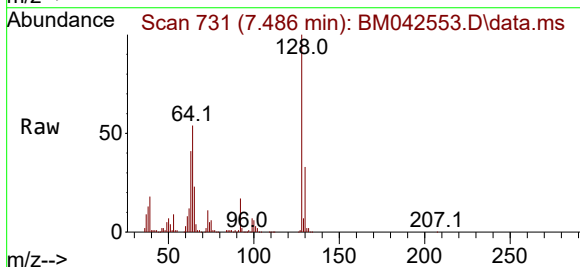
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BNA\_M  
ClientSampleId :  
SSTDCCC040

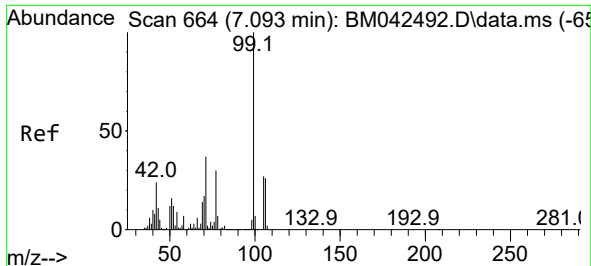
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Ion Ratio Lower Upper  
99 100  
42 26.9 18.7 28.1  
71 39.7 29.1 43.7



#8  
2-Chlorophenol  
Concen: 38.123 ng  
RT: 7.486 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 128 Resp: 209359  
Ion Ratio Lower Upper  
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130 33.1 11.2 51.2  
64 54.4 34.4 74.4

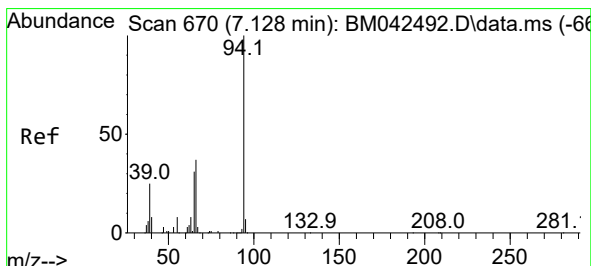
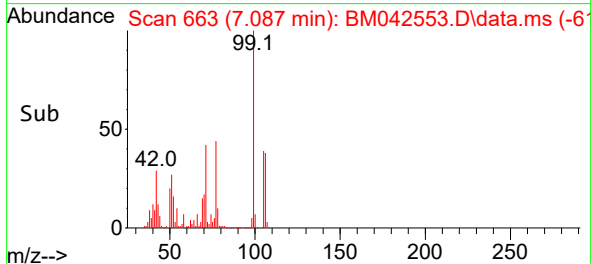
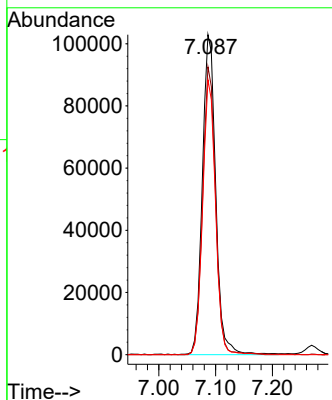
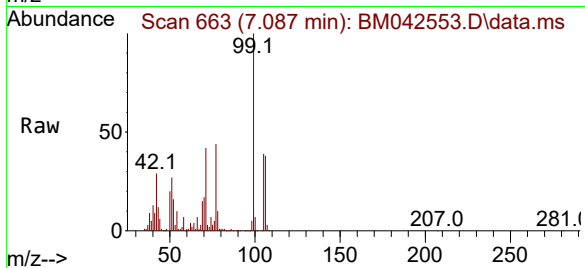




#9  
Benzaldehyde  
Concen: 41.715 ng  
RT: 7.087 min Scan# 663  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

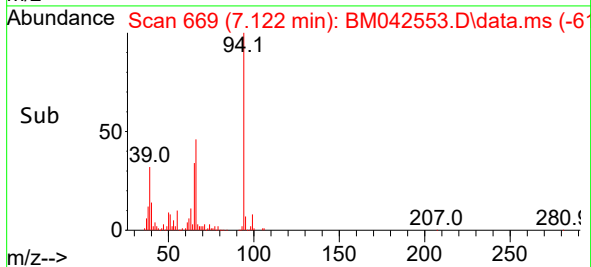
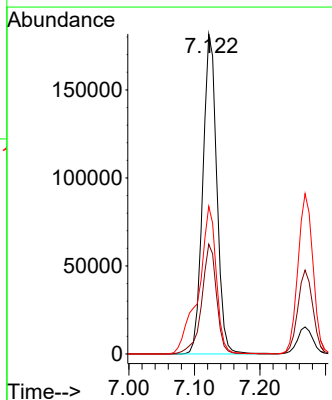
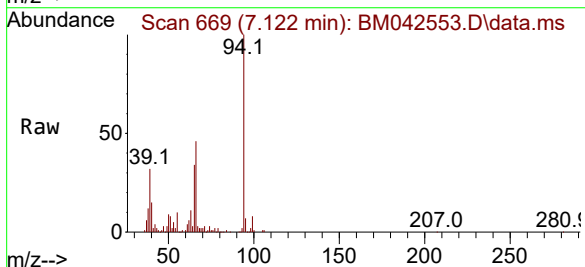
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

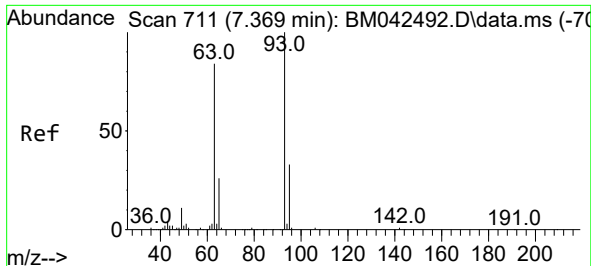
Tgt Ion: 77 Resp: 167928  
Ion Ratio Lower Upper  
77 100  
105 89.9 69.7 109.7  
106 85.9 66.4 106.4



#10  
Phenol  
Concen: 38.097 ng  
RT: 7.122 min Scan# 669  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 94 Resp: 270253  
Ion Ratio Lower Upper  
94 100  
65 34.3 11.5 51.5  
66 46.1 20.0 60.0

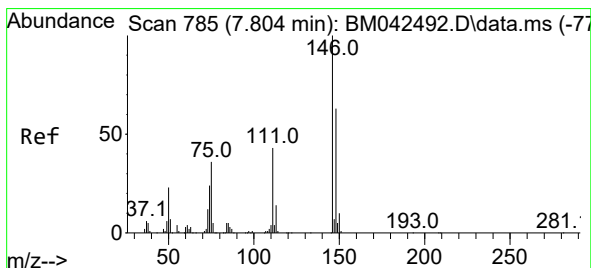
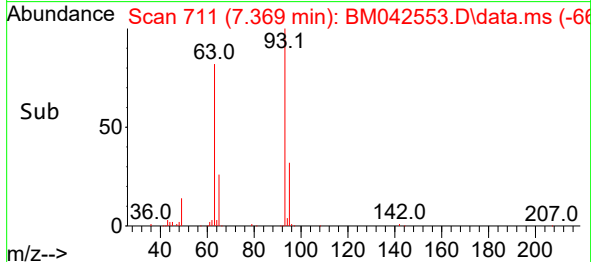
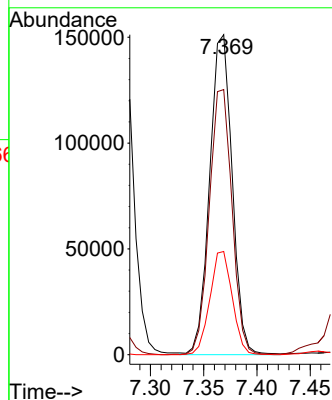
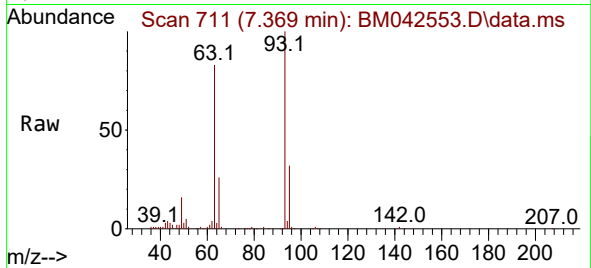




#11  
bis(2-Chloroethyl)ether  
Concen: 37.038 ng  
RT: 7.369 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

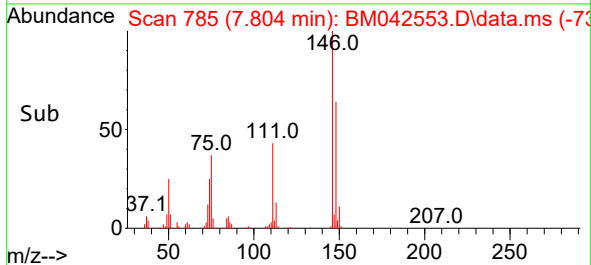
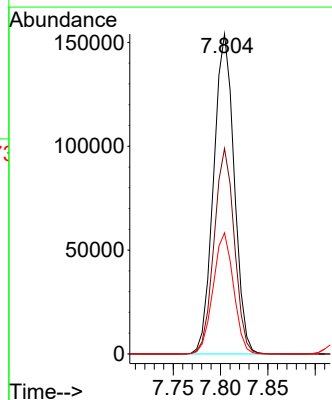
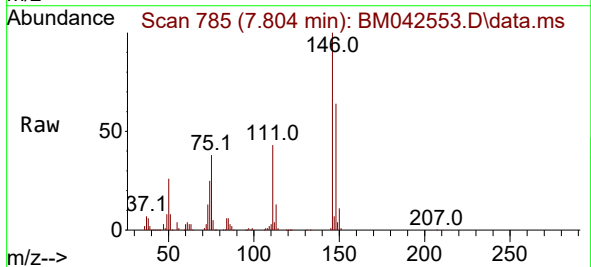
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

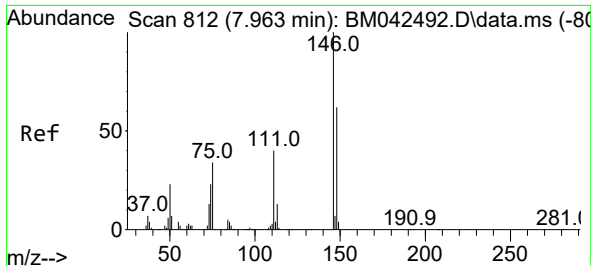
Tgt Ion: 93 Resp: 222278  
Ion Ratio Lower Upper  
93 100  
63 82.8 63.2 103.2  
95 32.3 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 39.209 ng  
RT: 7.804 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:146 Resp: 232713  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.4 75.6  
75 37.9 28.9 43.3

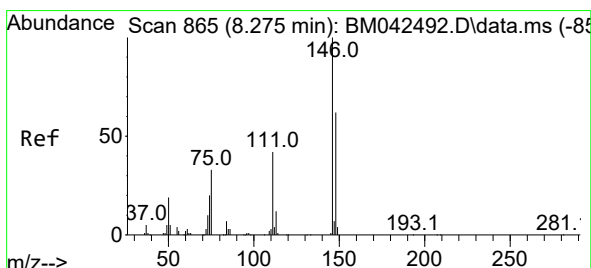
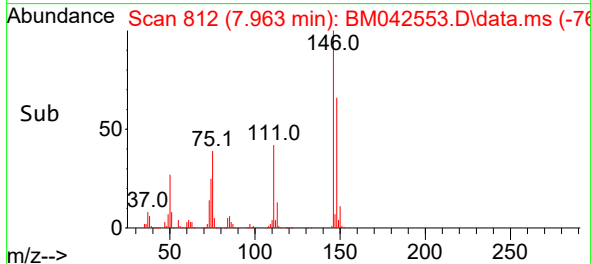
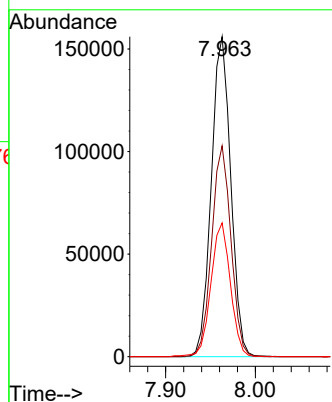
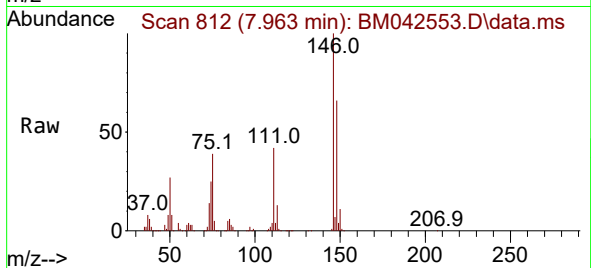




#13  
1,4-Dichlorobenzene  
Concen: 39.098 ng  
RT: 7.963 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

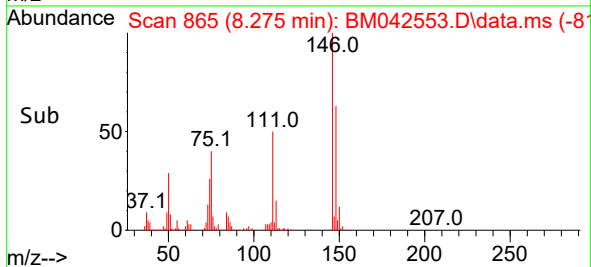
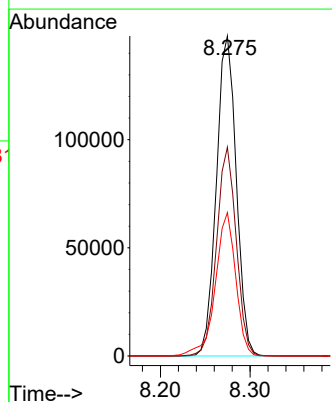
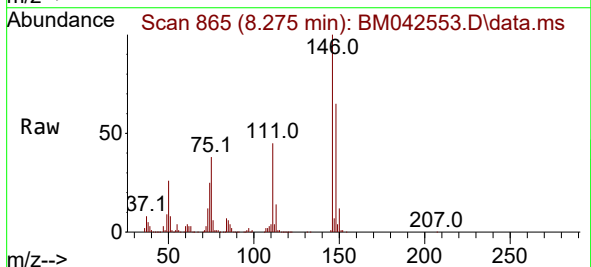
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

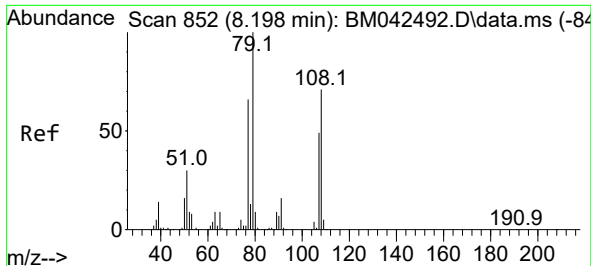
Tgt Ion:146 Resp: 234852  
Ion Ratio Lower Upper  
146 100  
148 65.9 50.0 75.0  
111 41.8 32.5 48.7



#14  
1,2-Dichlorobenzene  
Concen: 39.324 ng  
RT: 8.275 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:146 Resp: 228051  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.0 75.0  
111 44.8 34.5 51.7

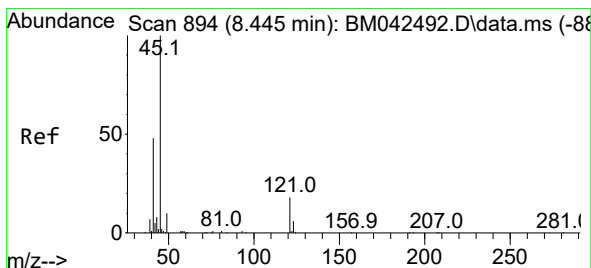
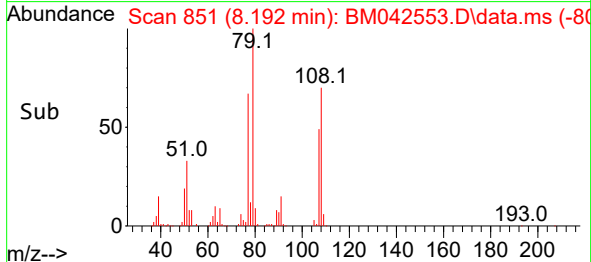
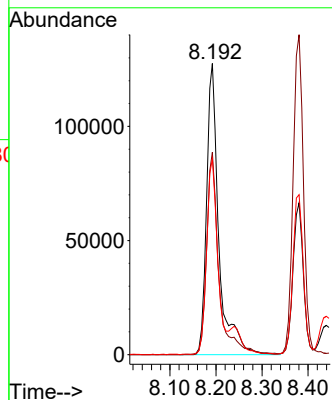
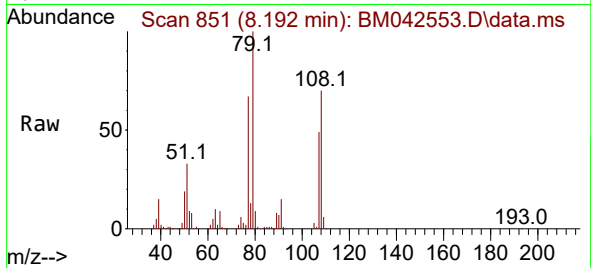




#15  
Benzyl Alcohol  
Concen: 48.096 ng  
RT: 8.192 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

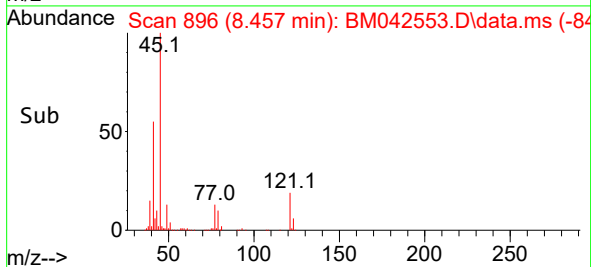
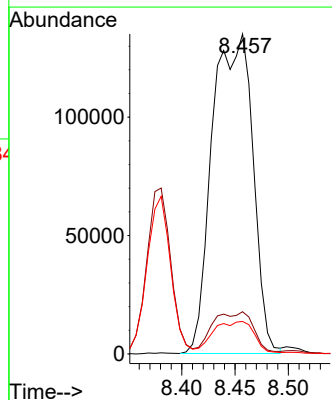
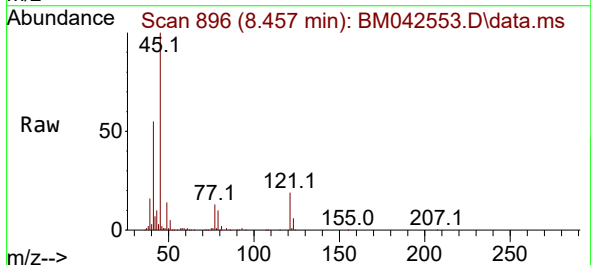
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

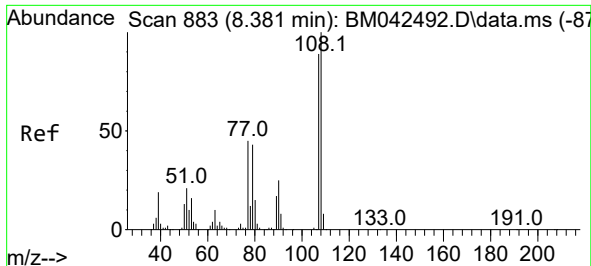
Tgt Ion: 79 Resp: 237833  
Ion Ratio Lower Upper  
79 100  
108 69.5 56.8 85.2  
77 67.3 53.0 79.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.403 ng  
RT: 8.457 min Scan# 896  
Delta R.T. 0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 45 Resp: 357210  
Ion Ratio Lower Upper  
45 100  
77 13.2 0.0 33.0  
79 10.1 0.0 29.5





#17

2-Methylphenol

Concen: 39.502 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.000 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 198415

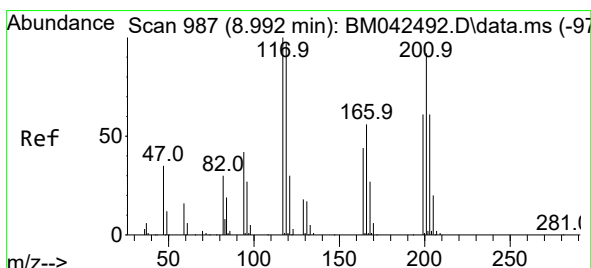
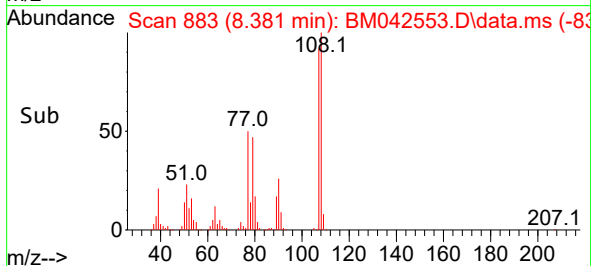
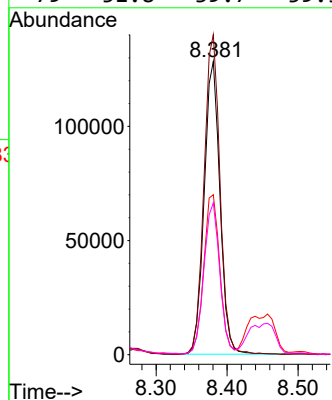
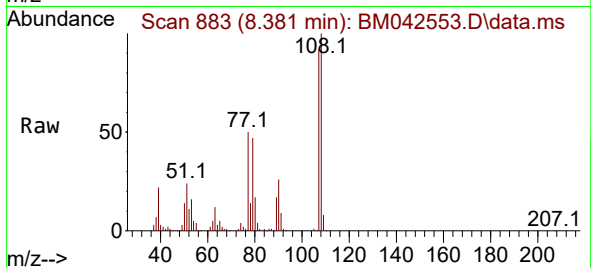
Ion Ratio Lower Upper

107 100

108 109.1 90.4 135.6

77 54.6 40.6 60.8

79 51.8 39.7 59.5



#18

Hexachloroethane

Concen: 41.088 ng

RT: 8.986 min Scan# 986

Delta R.T. -0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

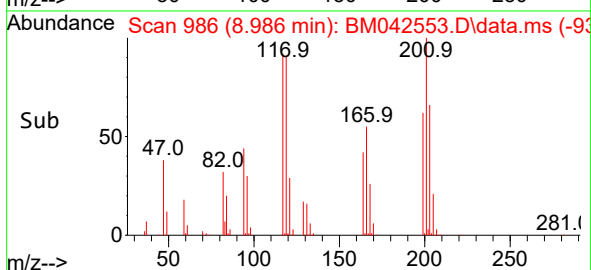
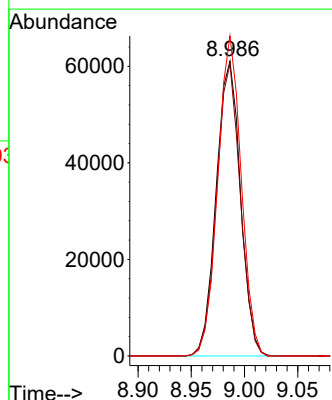
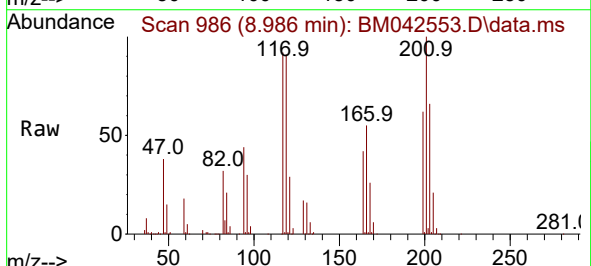
Tgt Ion:117 Resp: 96569

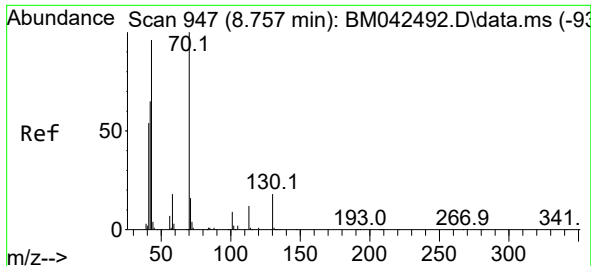
Ion Ratio Lower Upper

117 100

119 99.1 77.9 116.9

201 108.6 73.7 110.5

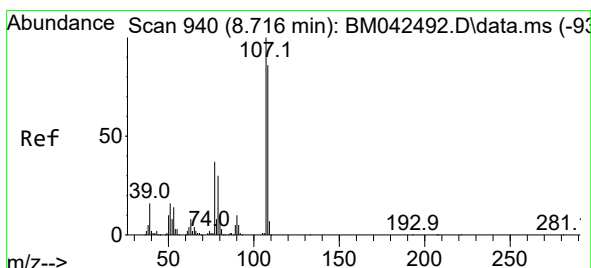
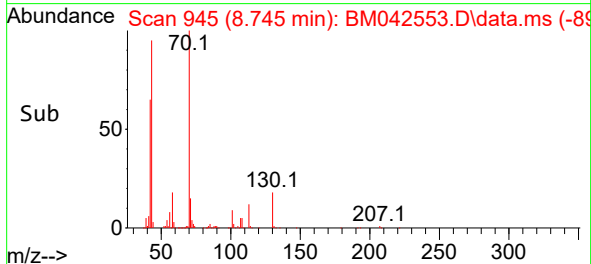
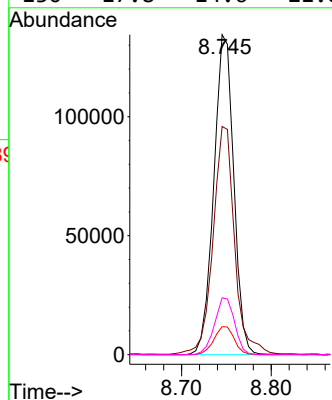
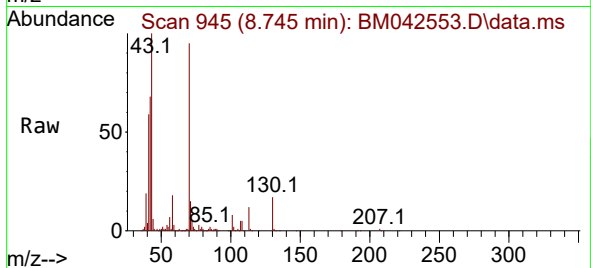




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.113 ng  
RT: 8.745 min Scan# 945  
Delta R.T. -0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

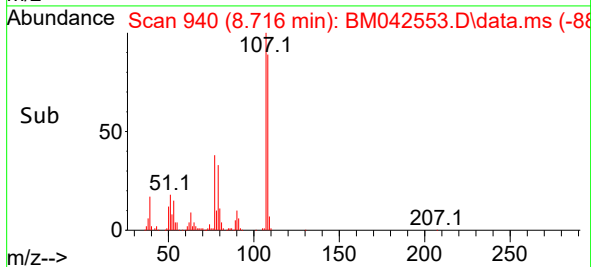
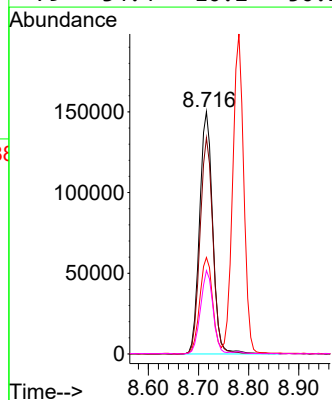
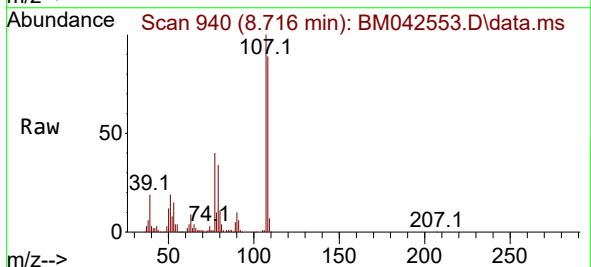
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

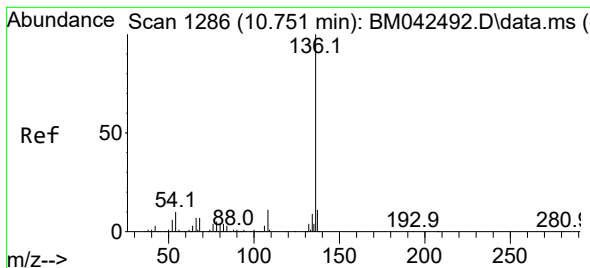
Tgt Ion: 70 Resp: 208086  
Ion Ratio Lower Upper  
70 100  
42 71.3 52.5 78.7  
101 8.7 7.0 10.4  
130 17.8 14.6 21.8



#20  
3+4-Methylphenols  
Concen: 40.558 ng  
RT: 8.716 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 107 Resp: 272371  
Ion Ratio Lower Upper  
107 100  
108 89.2 66.4 106.4  
77 39.8 17.6 57.6  
79 34.4 10.2 50.2

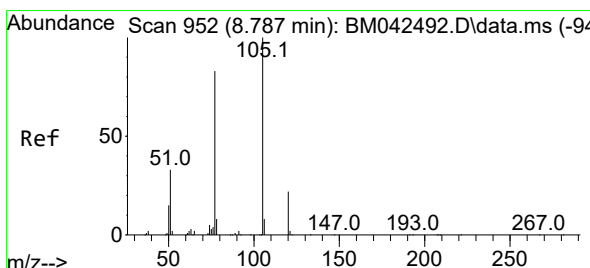
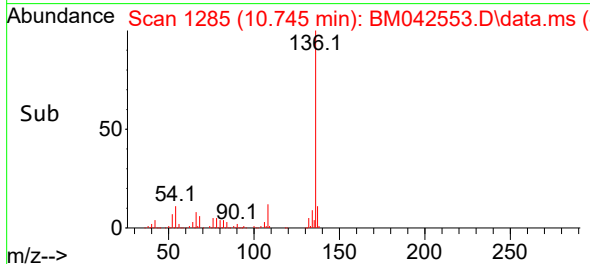
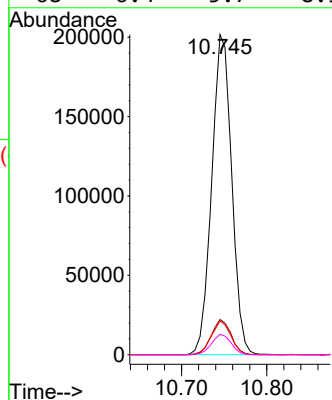
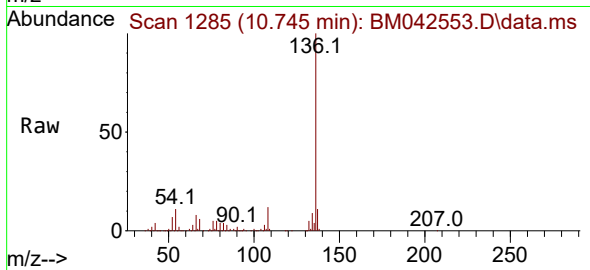




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.745 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

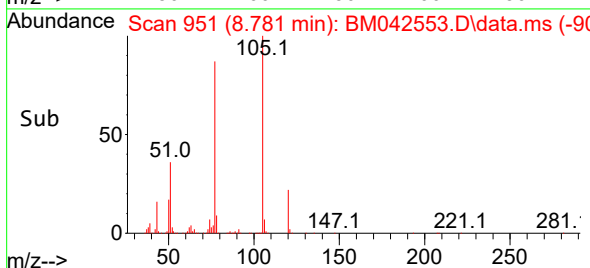
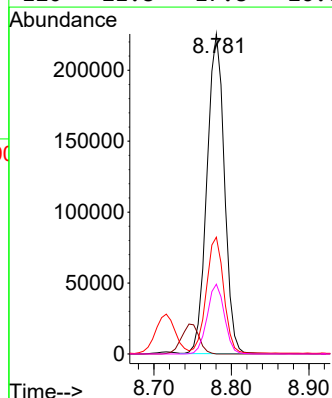
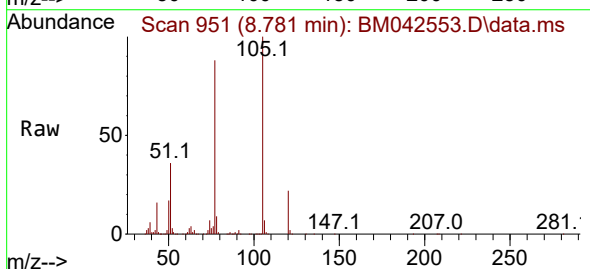
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

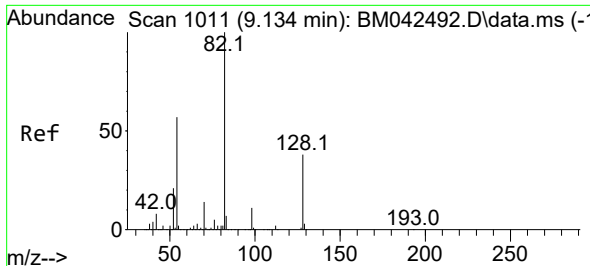
Tgt Ion:136 Resp: 328000  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.6  
54 10.6 8.0 12.0  
68 6.4 5.7 8.5



#22  
Acetophenone  
Concen: 42.494 ng  
RT: 8.781 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:105 Resp: 351526  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.2 0.2#  
51 36.5 27.6 41.4  
120 21.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 88.302 ng

RT: 9.128 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

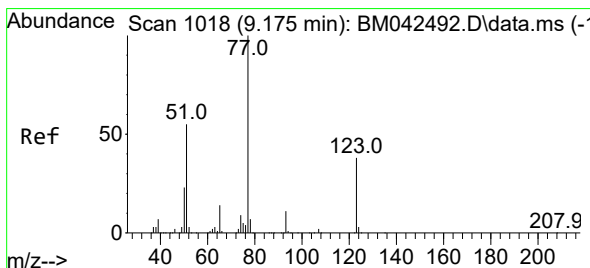
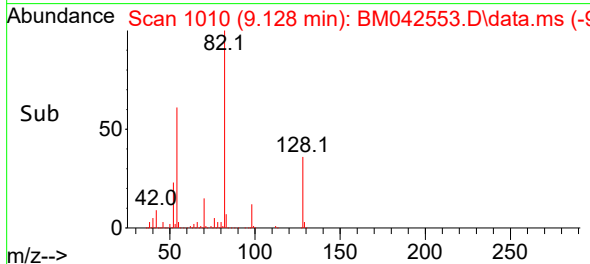
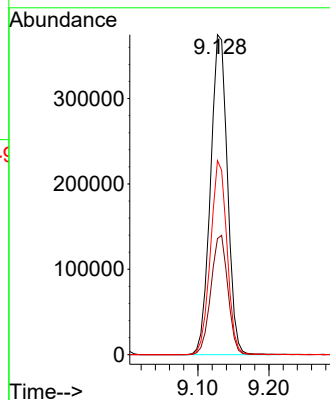
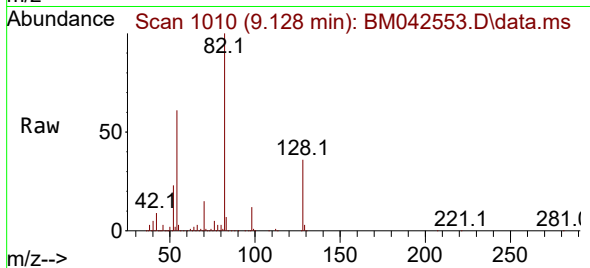
Tgt Ion: 82 Resp: 621309

Ion Ratio Lower Upper

82 100

128 36.3 30.7 46.1

54 60.7 45.3 67.9



#24

Nitrobenzene

Concen: 43.378 ng

RT: 9.175 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

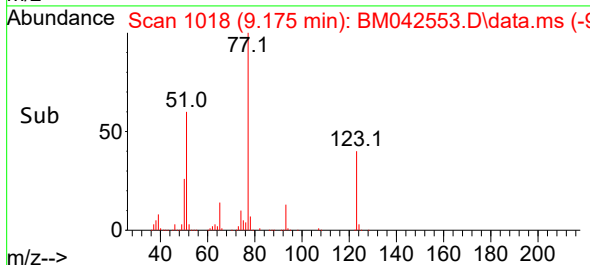
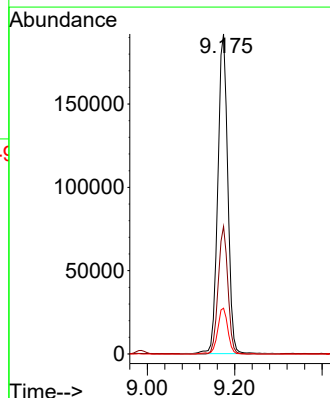
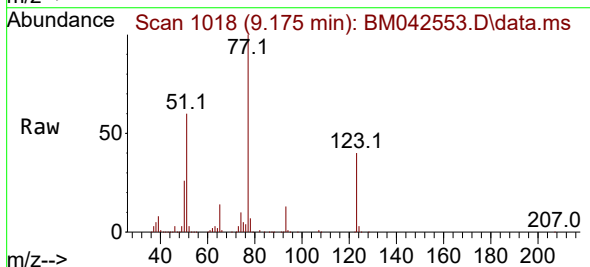
Tgt Ion: 77 Resp: 300620

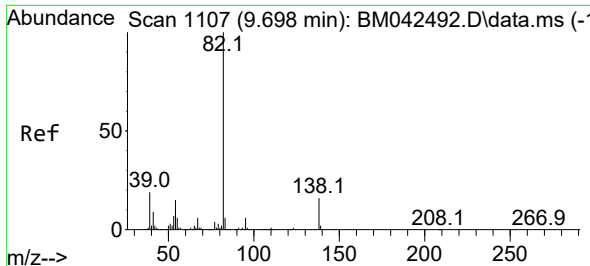
Ion Ratio Lower Upper

77 100

123 39.9 30.6 46.0

65 14.3 10.8 16.2

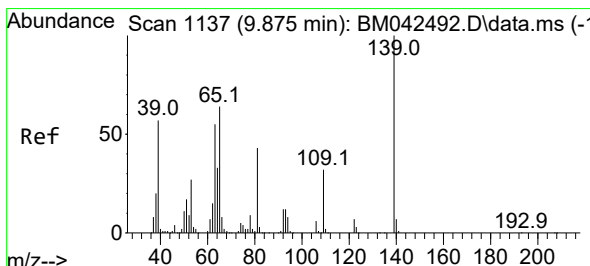
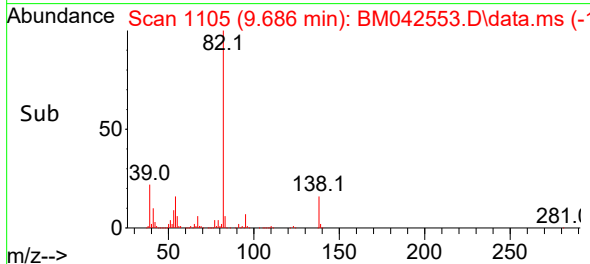
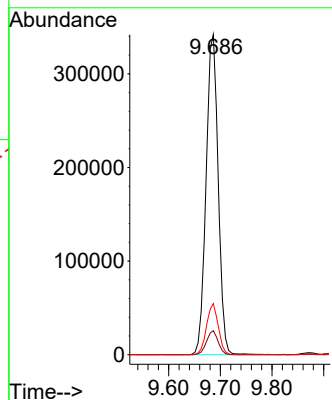
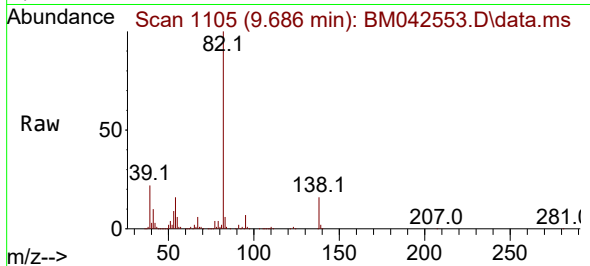




#25  
Isophorone  
Concen: 44.640 ng  
RT: 9.686 min Scan# 1105  
Delta R.T. -0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

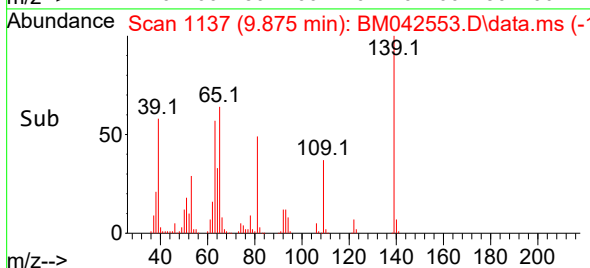
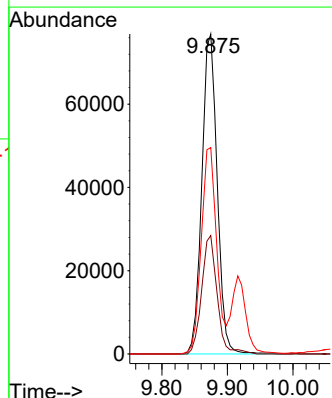
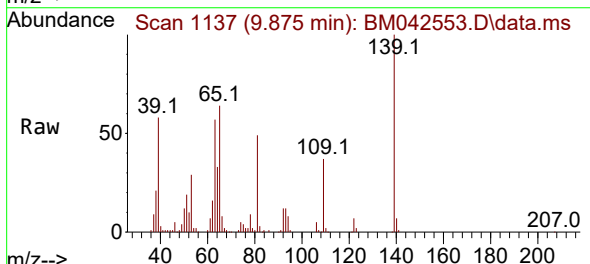
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

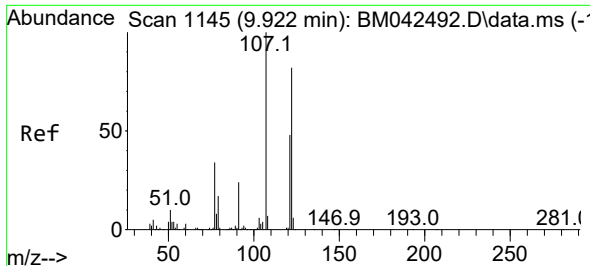
Tgt Ion: 82 Resp: 555939  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.2 7.8  
138 15.9 12.6 18.8



#26  
2-Nitrophenol  
Concen: 42.952 ng  
RT: 9.875 min Scan# 1137  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 139 Resp: 125406  
Ion Ratio Lower Upper  
139 100  
109 37.0 25.2 37.8  
65 64.5 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 41.695 ng

RT: 9.916 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

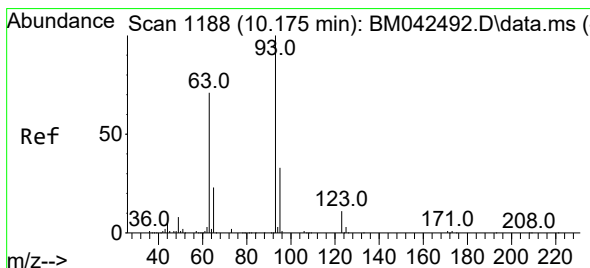
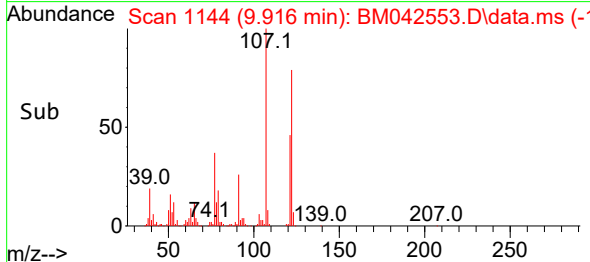
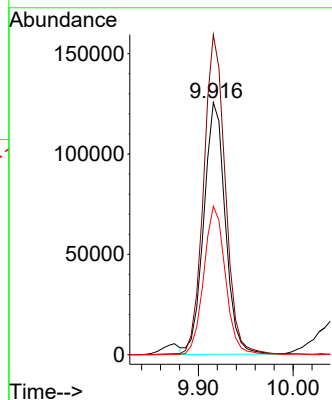
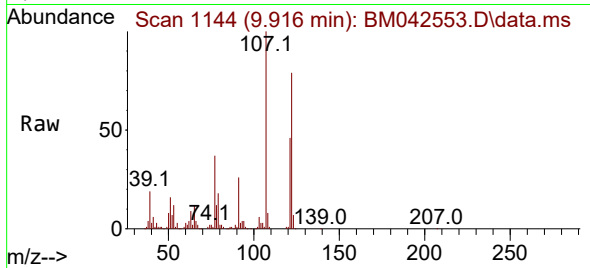
Tgt Ion:122 Resp: 198648

Ion Ratio Lower Upper

122 100

107 126.9 95.4 143.2

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.856 ng

RT: 10.169 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

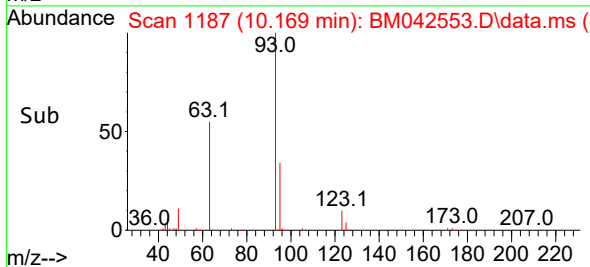
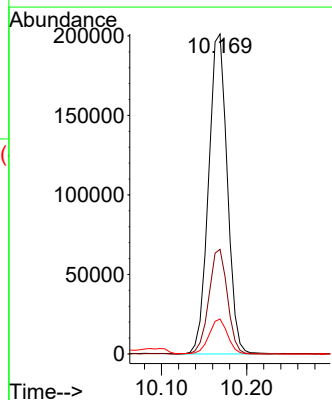
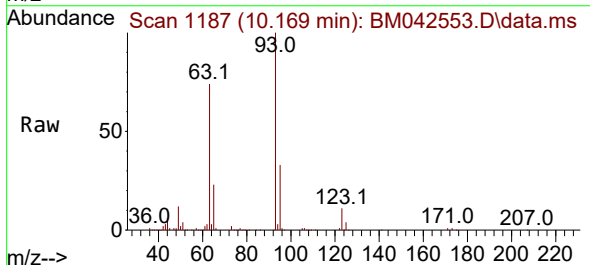
Tgt Ion: 93 Resp: 306535

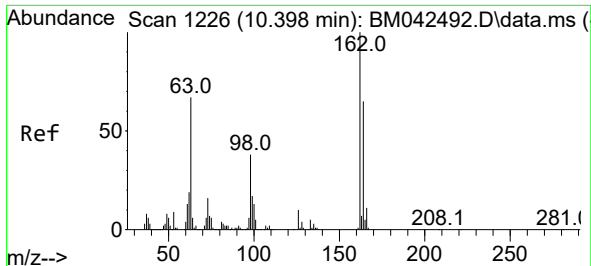
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 10.9 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 46.046 ng

RT: 10.398 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

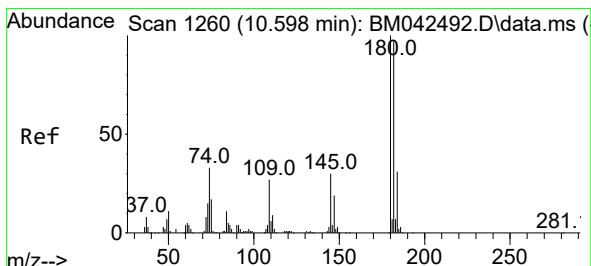
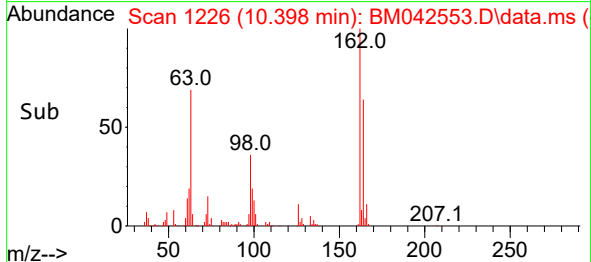
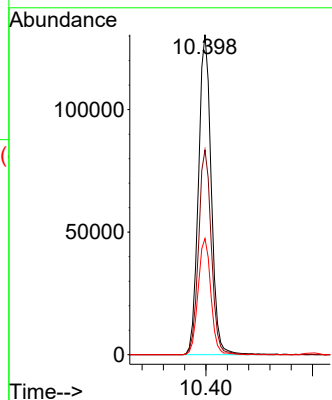
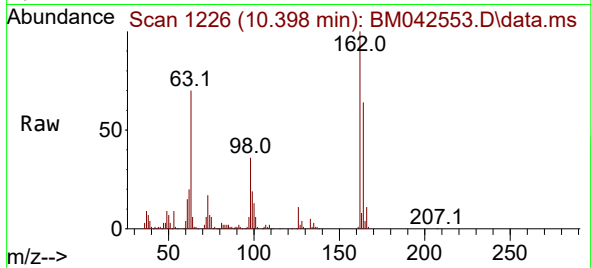
Tgt Ion:162 Resp: 217064

Ion Ratio Lower Upper

162 100

164 64.0 44.9 84.9

98 36.3 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 45.407 ng

RT: 10.598 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

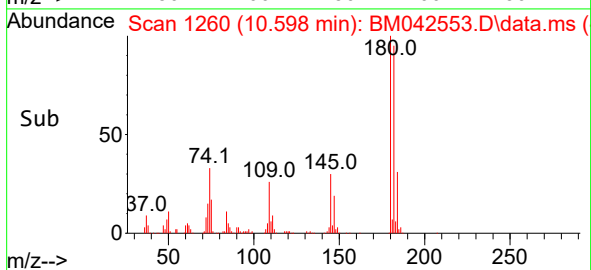
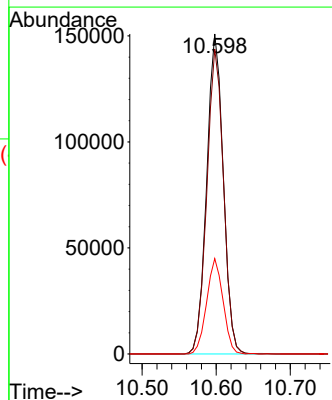
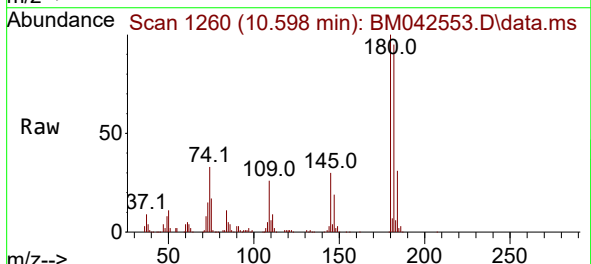
Tgt Ion:180 Resp: 234582

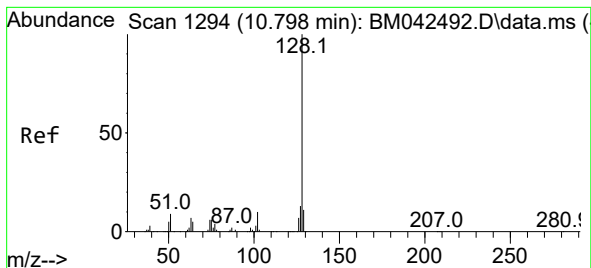
Ion Ratio Lower Upper

180 100

182 95.3 77.8 116.8

145 29.8 24.4 36.6

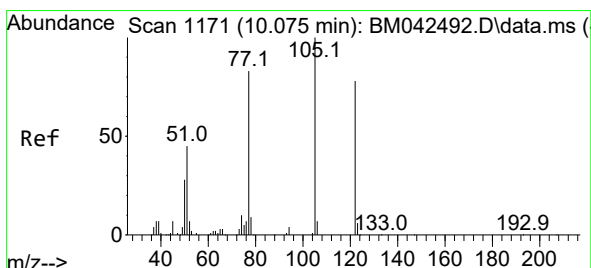
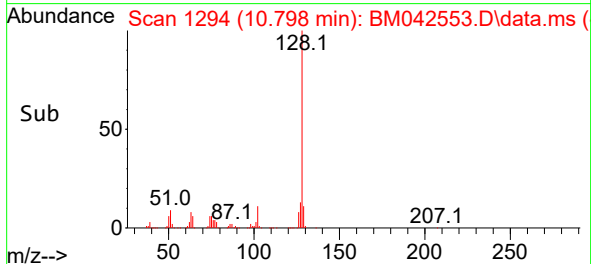
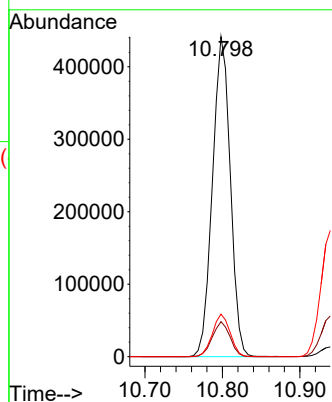
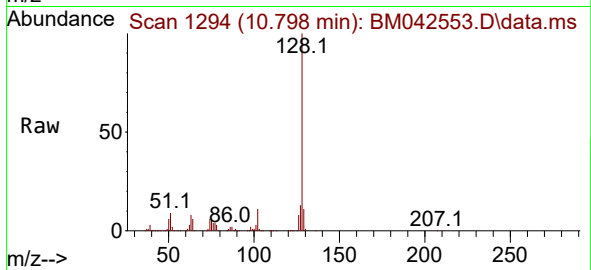




#31  
Naphthalene  
Concen: 41.643 ng  
RT: 10.798 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

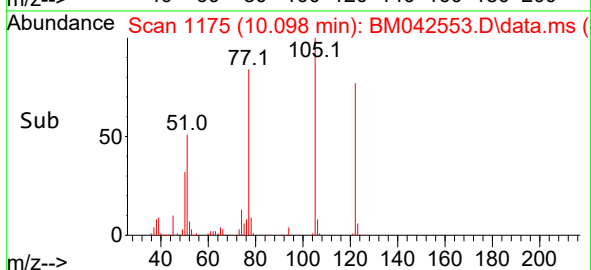
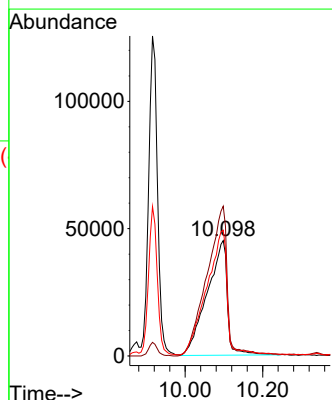
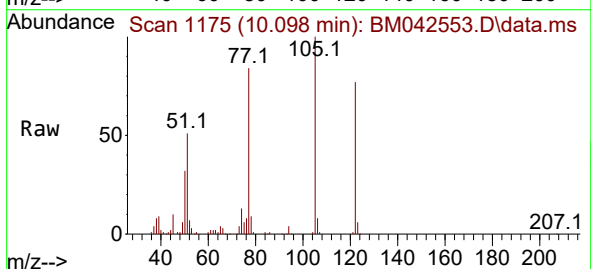
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

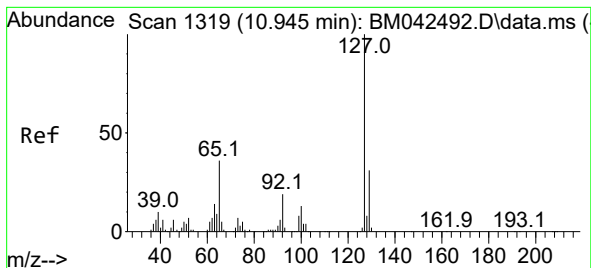
Tgt Ion:128 Resp: 705697  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.3 10.6 15.8



#32  
Benzoic acid  
Concen: 42.612 ng  
RT: 10.098 min Scan# 1175  
Delta R.T. 0.023 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:122 Resp: 163164  
Ion Ratio Lower Upper  
122 100  
105 129.7 105.2 145.2  
77 108.9 84.8 124.8





#33

4-Chloroaniline

Concen: 44.817 ng

RT: 10.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 296133

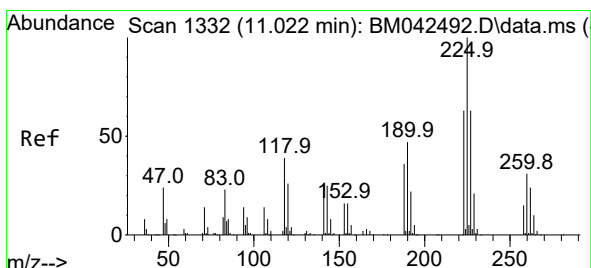
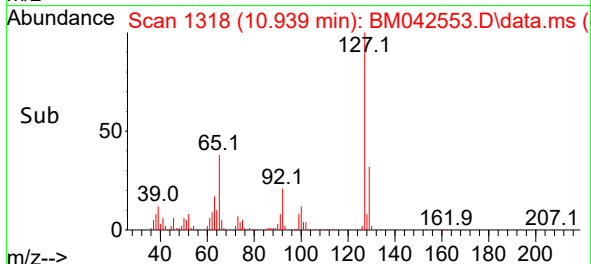
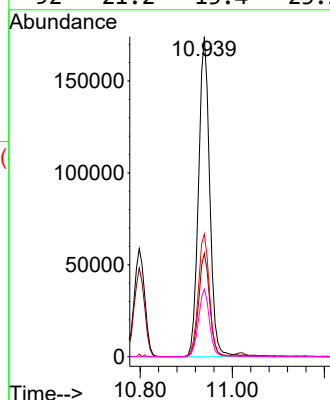
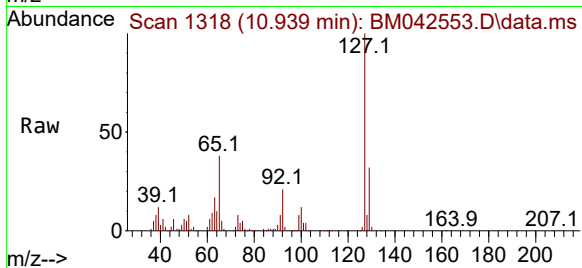
Ion Ratio Lower Upper

127 100

129 32.3 25.0 37.4

65 38.3 29.0 43.4

92 21.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 51.394 ng

RT: 11.016 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

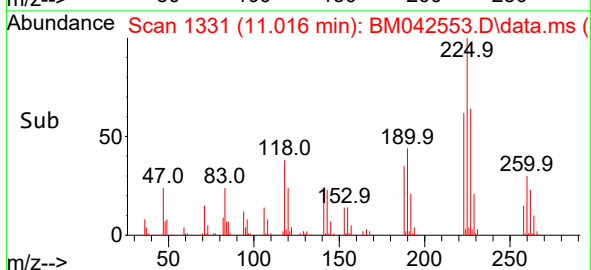
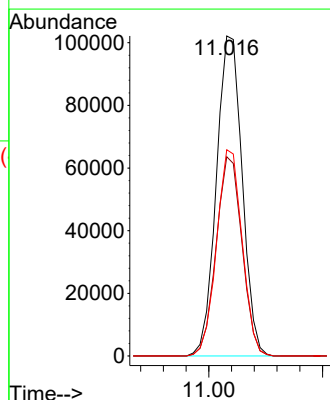
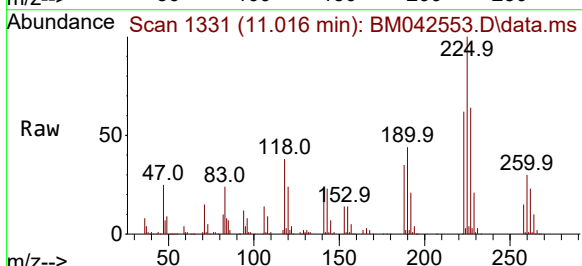
Tgt Ion:225 Resp: 161205

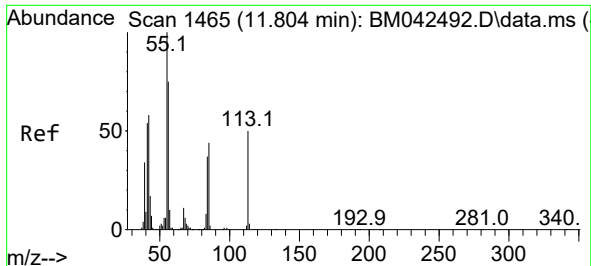
Ion Ratio Lower Upper

225 100

223 62.3 50.0 75.0

227 64.5 50.6 75.8

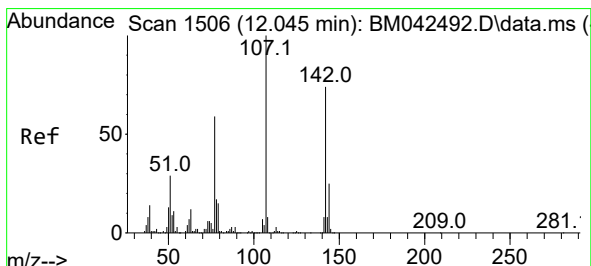
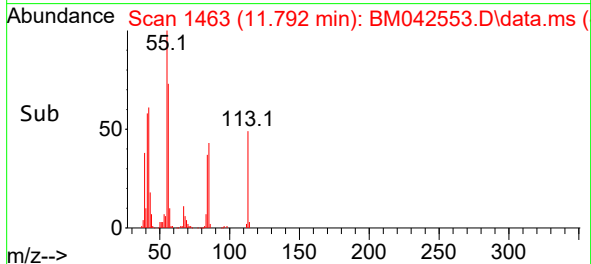
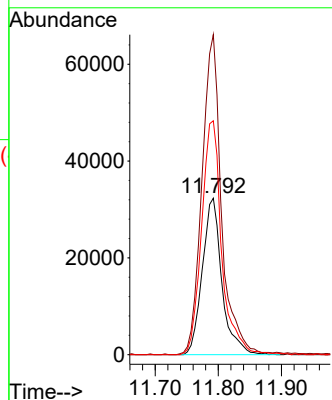
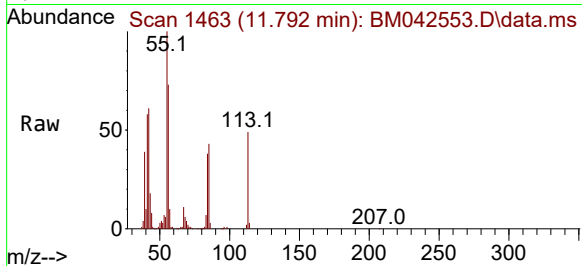




#35  
Caprolactam  
Concen: 42.103 ng  
RT: 11.792 min Scan# 1463  
Delta R.T. -0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

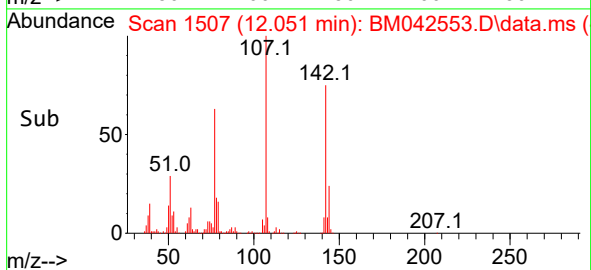
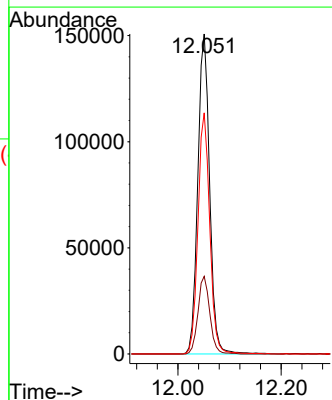
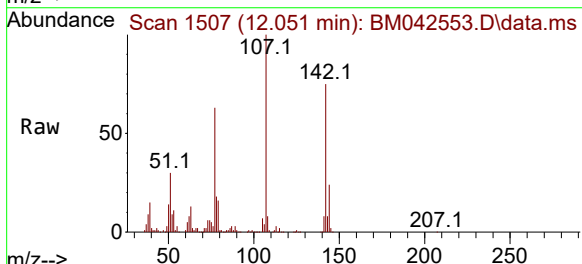
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

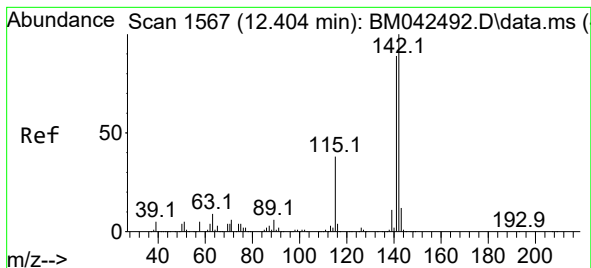
Tgt Ion:113 Resp: 69736  
Ion Ratio Lower Upper  
113 100  
55 204.5 180.9 220.9  
56 149.5 130.0 170.0



#36  
4-Chloro-3-methylphenol  
Concen: 44.627 ng  
RT: 12.051 min Scan# 1507  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:107 Resp: 239423  
Ion Ratio Lower Upper  
107 100  
144 24.2 20.2 30.2  
142 75.3 59.5 89.3

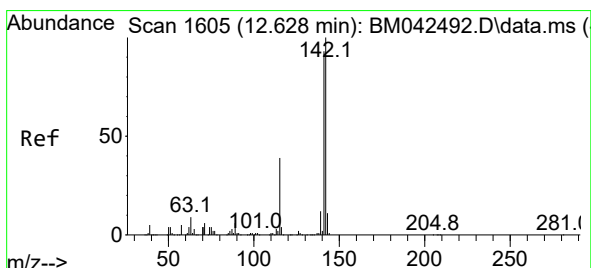
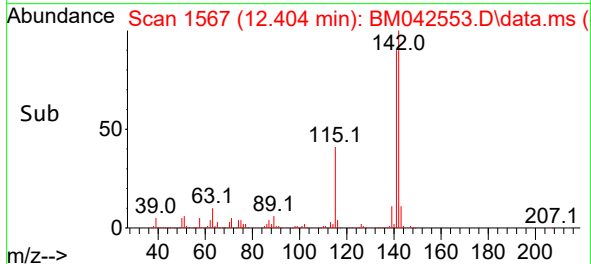
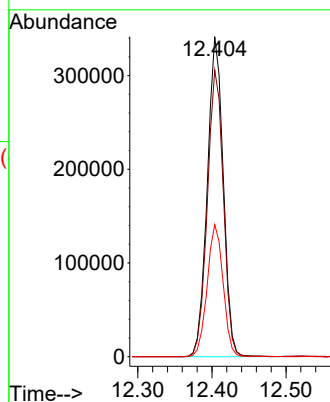
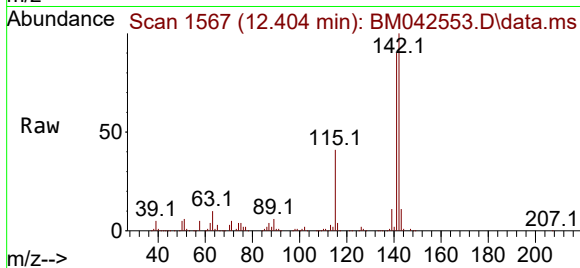




#37  
2-Methylnaphthalene  
Concen: 42.787 ng  
RT: 12.404 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

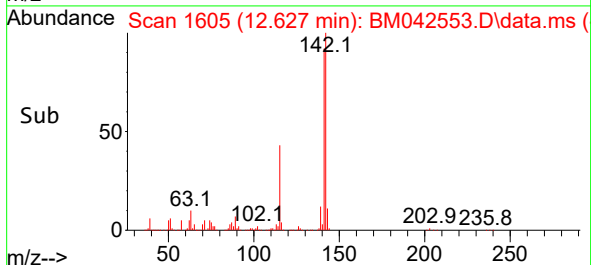
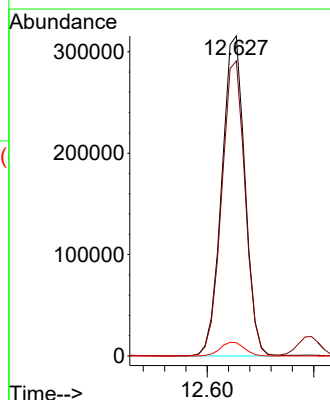
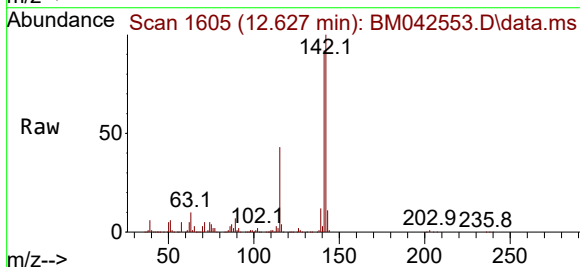
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

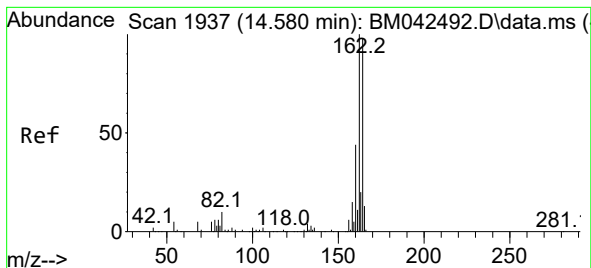
Tgt Ion:142 Resp: 510642  
Ion Ratio Lower Upper  
142 100  
141 89.6 70.9 106.3  
115 41.3 30.2 45.2



#38  
1-Methylnaphthalene  
Concen: 42.431 ng  
RT: 12.627 min Scan# 1605  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:142 Resp: 476653  
Ion Ratio Lower Upper  
142 100  
141 92.2 74.4 111.6  
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

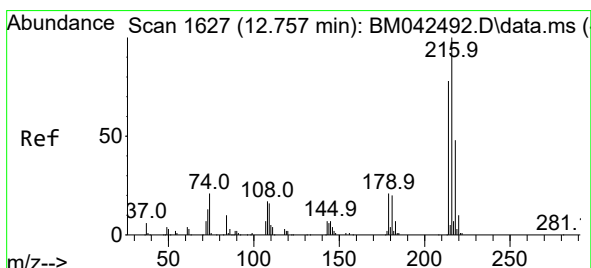
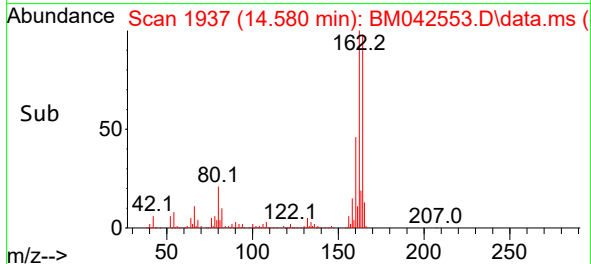
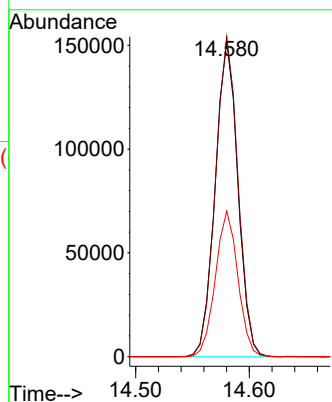
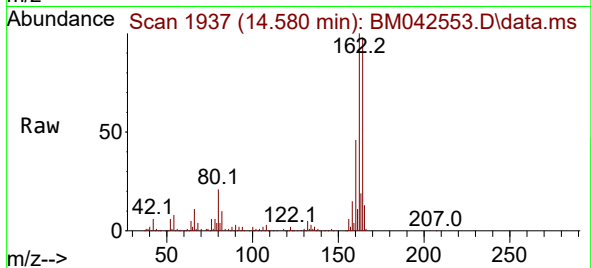
Tgt Ion:164 Resp: 210553

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

160 46.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.708 ng

RT: 12.757 min Scan# 1627

Delta R.T. -0.000 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Tgt Ion:216 Resp: 287513

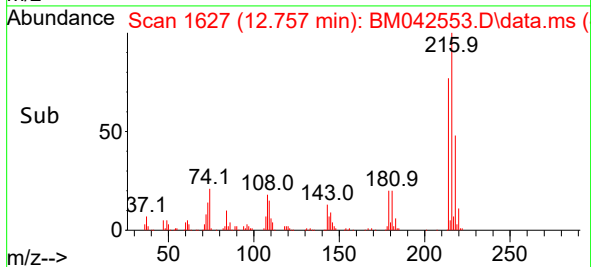
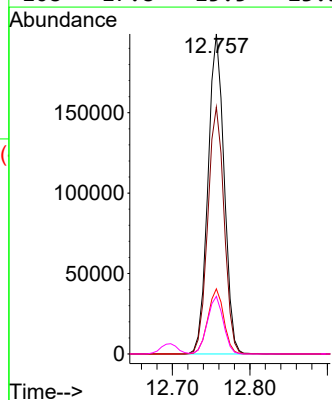
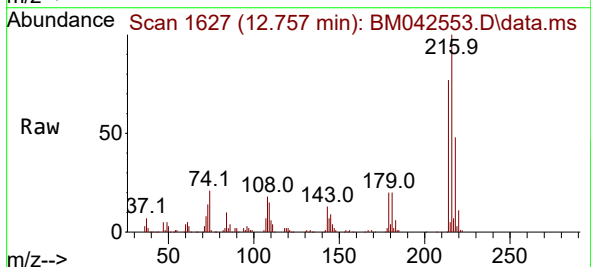
Ion Ratio Lower Upper

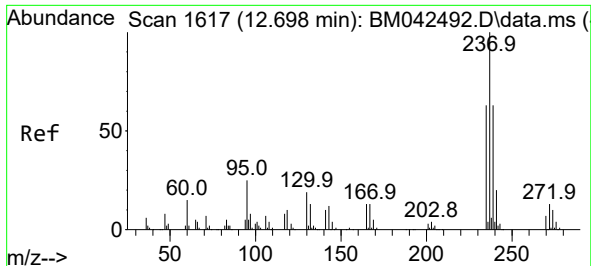
216 100

214 77.9 62.5 93.7

179 20.1 16.7 25.1

108 17.8 15.5 23.3

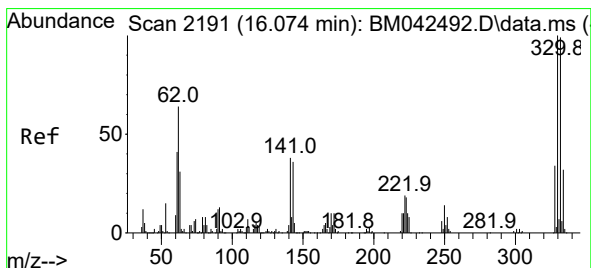
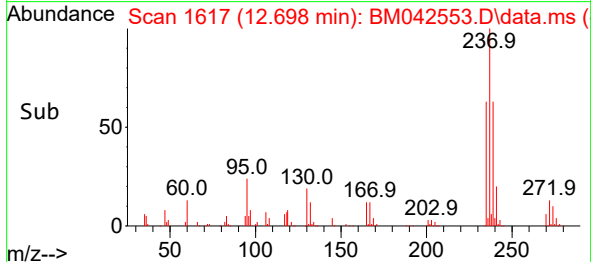
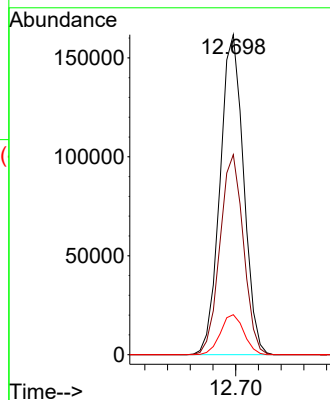
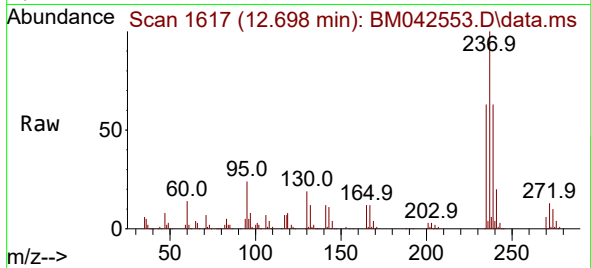




#41  
Hexachlorocyclopentadiene  
Concen: 63.100 ng  
RT: 12.698 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

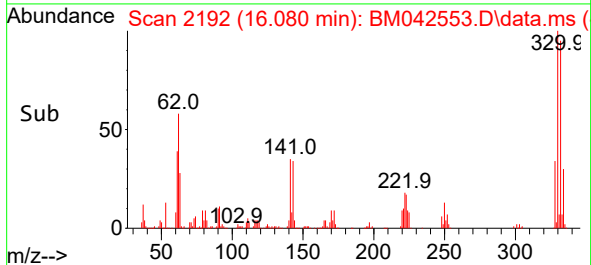
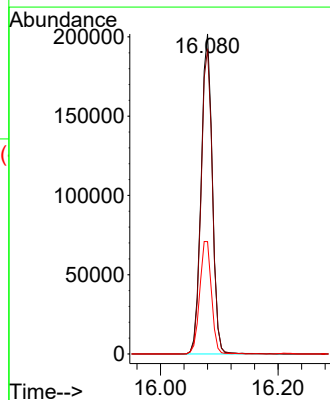
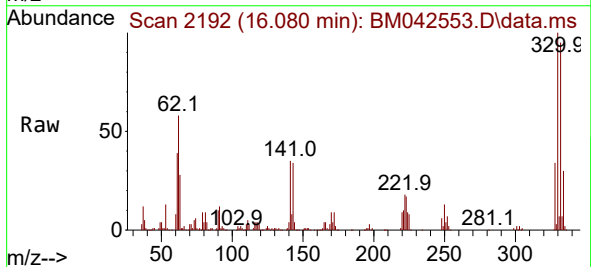
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

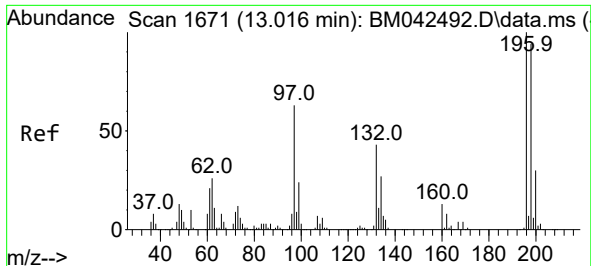
Tgt Ion:237 Resp: 232685  
Ion Ratio Lower Upper  
237 100  
235 62.5 42.5 82.5  
272 12.5 0.0 33.2



#42  
2,4,6-Tribromophenol  
Concen: 96.779 ng  
RT: 16.080 min Scan# 2192  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:330 Resp: 266040  
Ion Ratio Lower Upper  
330 100  
332 96.7 78.8 118.2  
141 36.8 31.1 46.7

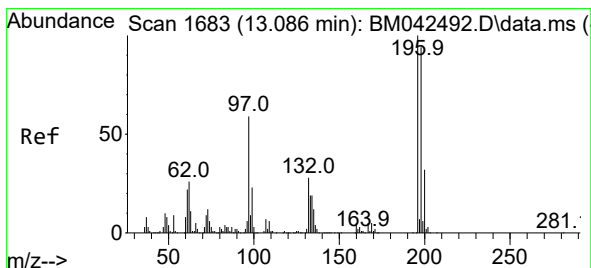
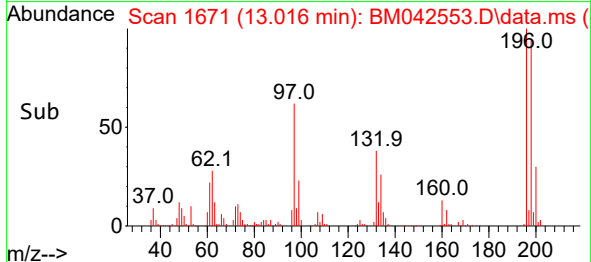
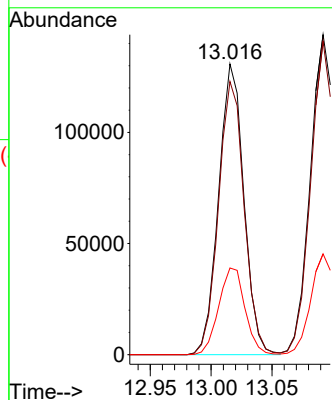
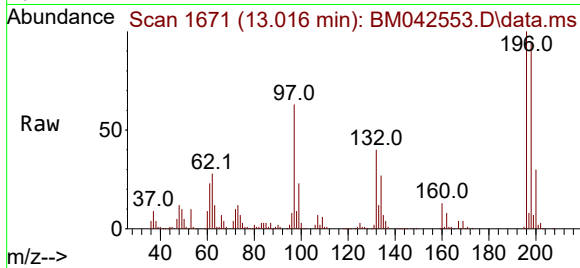




#43  
2,4,6-Trichlorophenol  
Concen: 46.948 ng  
RT: 13.016 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

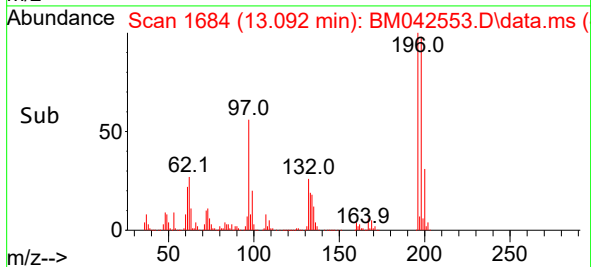
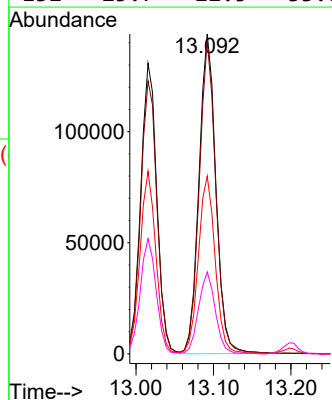
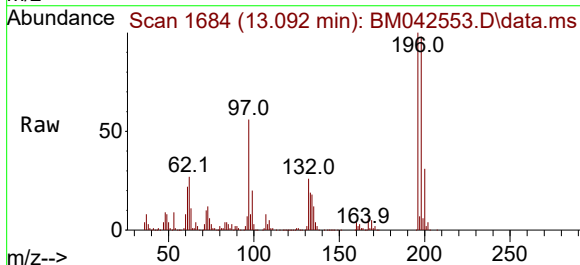
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

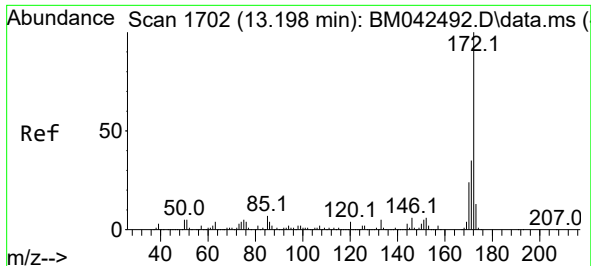
Tgt Ion:196 Resp: 189147  
Ion Ratio Lower Upper  
196 100  
198 93.9 75.2 112.8  
200 29.8 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 45.497 ng  
RT: 13.092 min Scan# 1684  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:196 Resp: 218127  
Ion Ratio Lower Upper  
196 100  
198 98.0 75.1 112.7  
97 55.6 47.4 71.0  
132 25.7 22.5 33.7

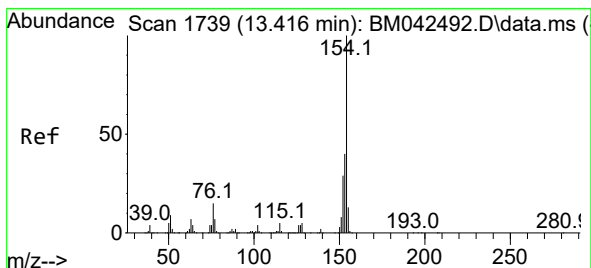
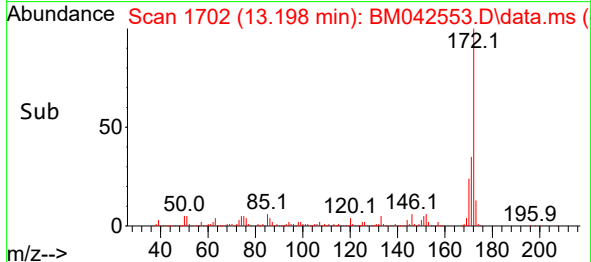
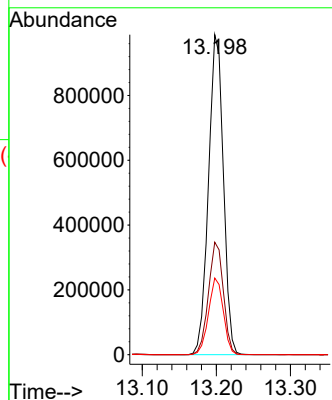
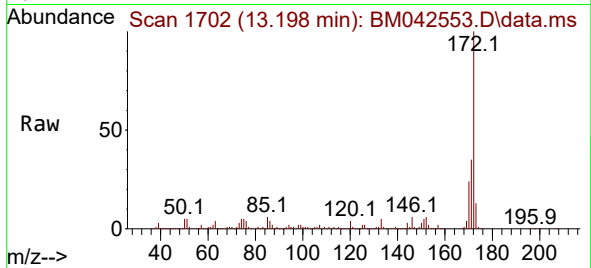




#45  
2-Fluorobiphenyl  
Concen: 88.125 ng  
RT: 13.198 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

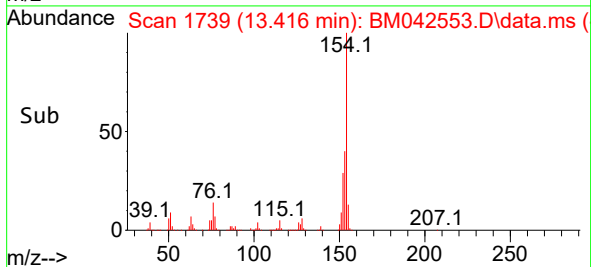
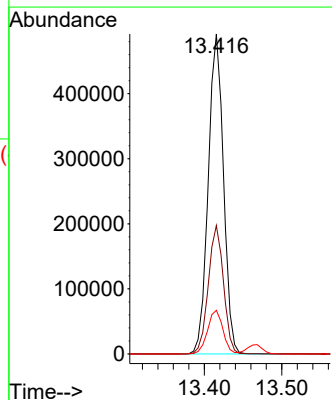
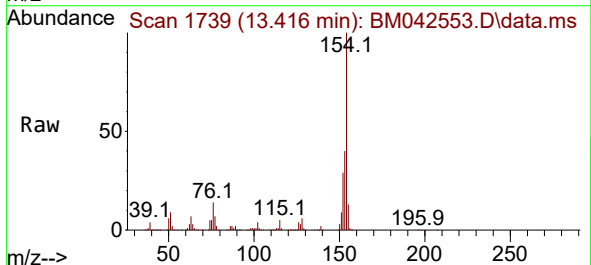
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

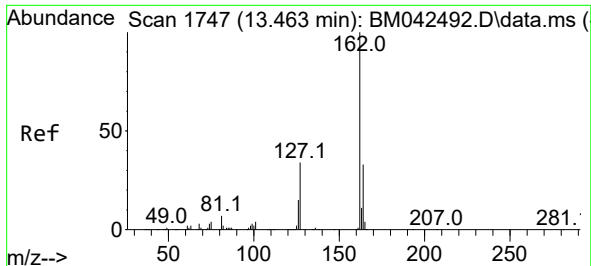
Tgt Ion:172 Resp: 1378944  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.2 42.2  
170 24.0 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 41.707 ng  
RT: 13.416 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:154 Resp: 671274  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.3 60.3  
76 13.7 0.0 35.0

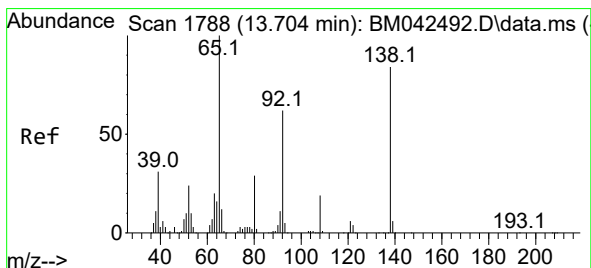
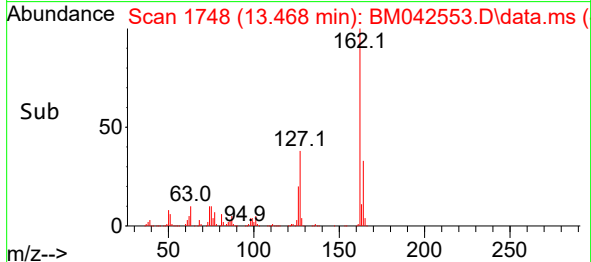
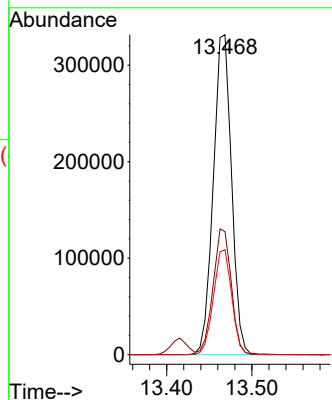
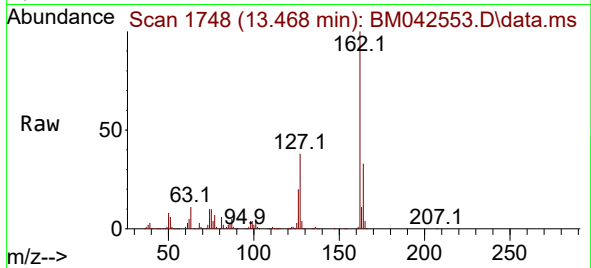




#47  
2-Chloronaphthalene  
Concen: 41.731 ng  
RT: 13.468 min Scan# 1747  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

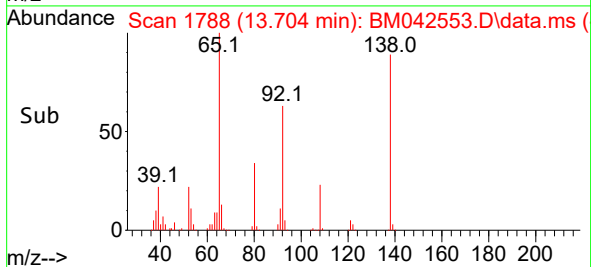
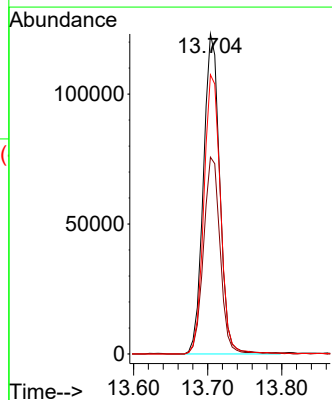
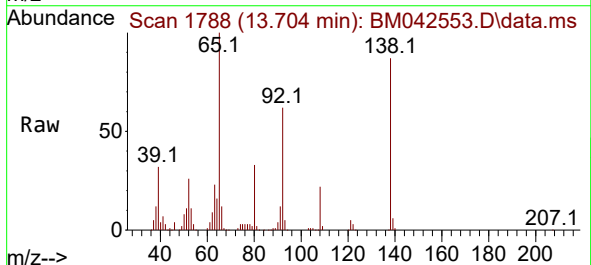
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

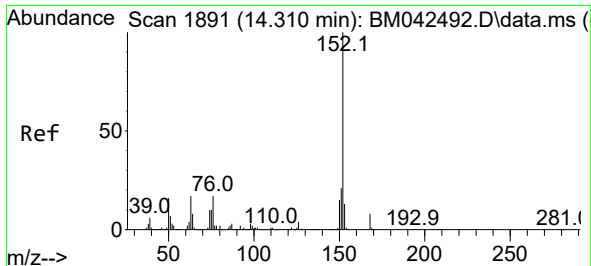
Tgt Ion:162 Resp: 492739  
Ion Ratio Lower Upper  
162 100  
127 38.5 31.1 46.7  
164 32.8 26.2 39.4



#48  
2-Nitroaniline  
Concen: 40.485 ng  
RT: 13.704 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion: 65 Resp: 189238  
Ion Ratio Lower Upper  
65 100  
92 61.5 49.4 74.2  
138 87.3 66.9 100.3

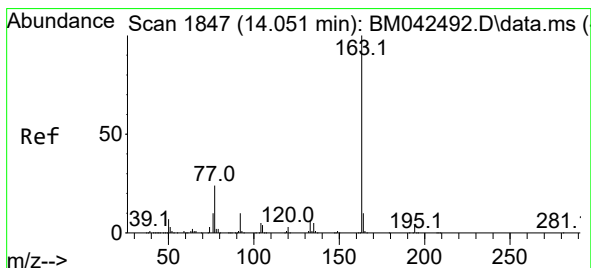
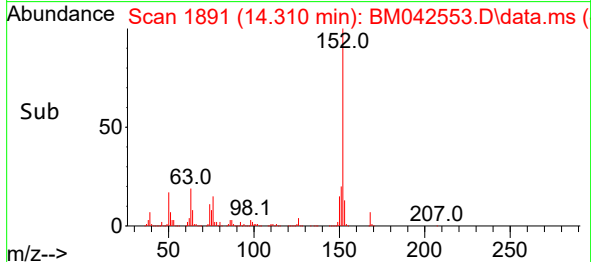
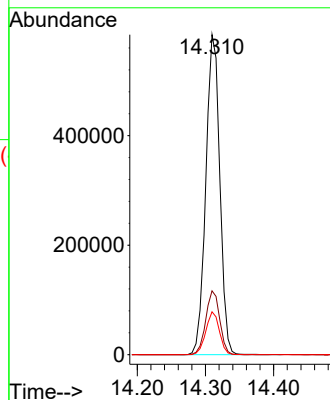
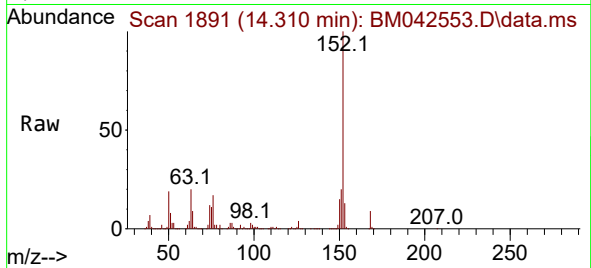




#49  
Acenaphthylene  
Concen: 42.610 ng  
RT: 14.310 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

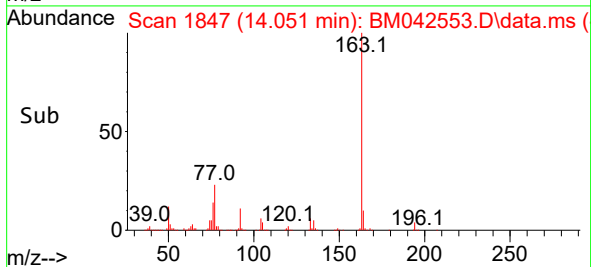
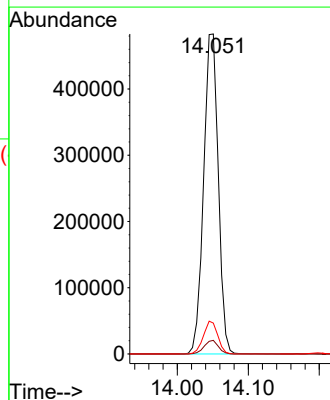
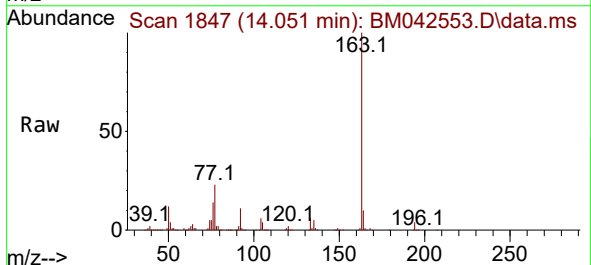
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

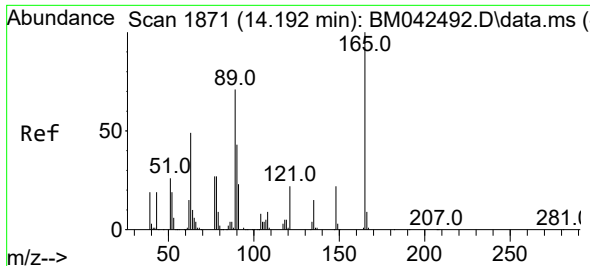
Tgt Ion:152 Resp: 833231  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.4 24.6  
153 13.4 10.4 15.6



#50  
Dimethylphthalate  
Concen: 44.094 ng  
RT: 14.051 min Scan# 1847  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:163 Resp: 693901  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.2 4.8  
164 9.7 7.8 11.8

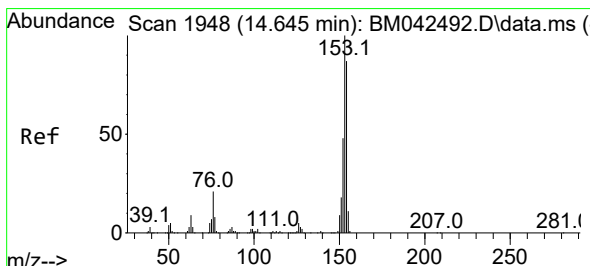
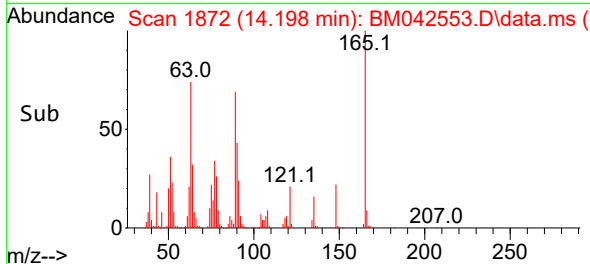
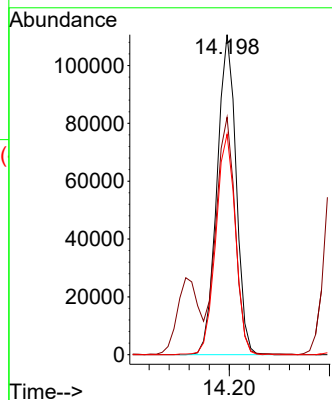
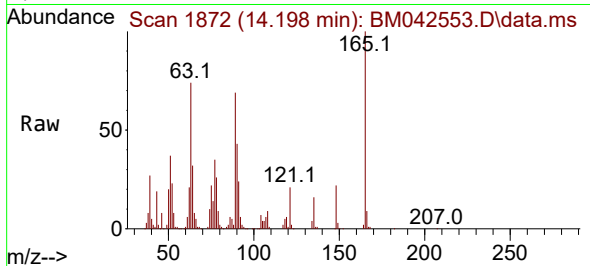




#51  
2,6-Dinitrotoluene  
Concen: 44.878 ng  
RT: 14.198 min Scan# 1871  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

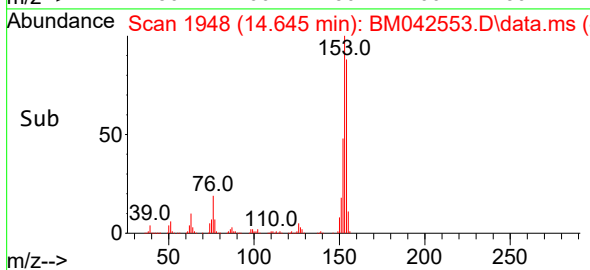
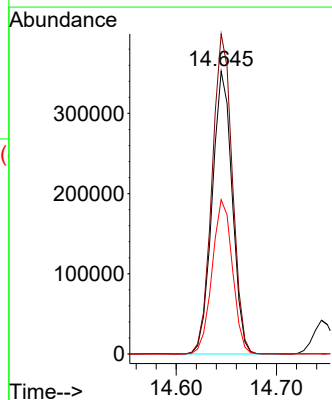
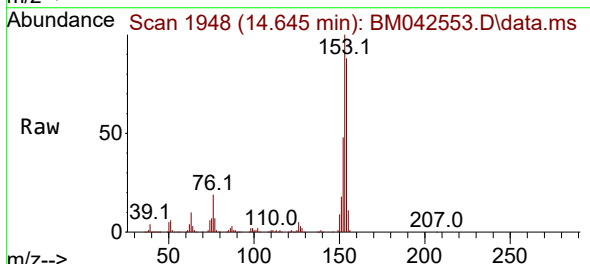
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

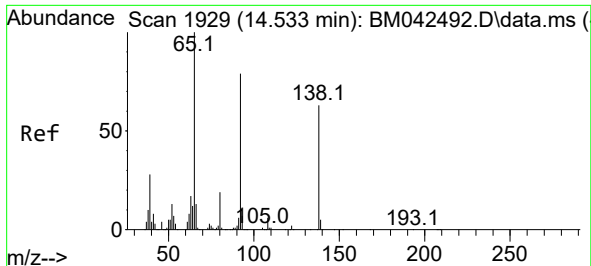
Tgt Ion:165 Resp: 145552  
Ion Ratio Lower Upper  
165 100  
63 74.2 59.4 89.0  
89 68.9 57.0 85.6



#52  
Acenaphthene  
Concen: 41.299 ng  
RT: 14.645 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:154 Resp: 490134  
Ion Ratio Lower Upper  
154 100  
153 113.2 92.0 138.0  
152 54.6 44.0 66.0

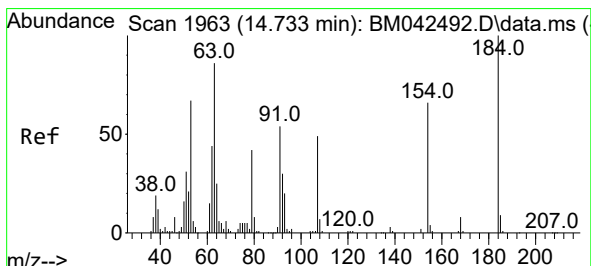
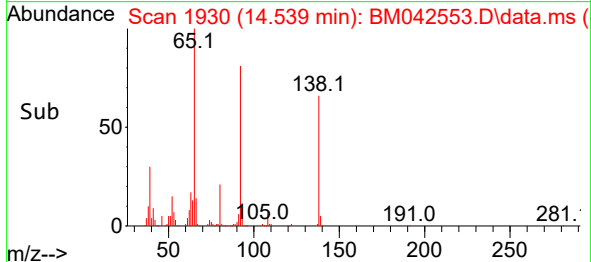
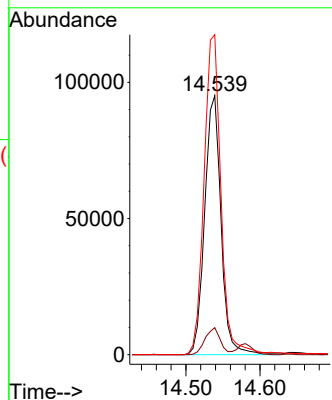
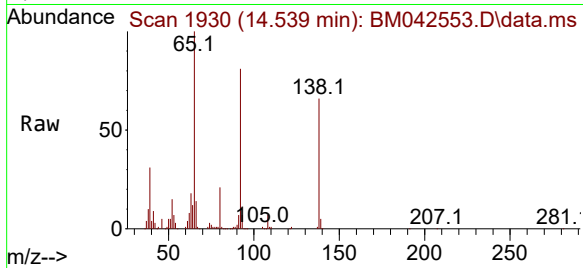




#53  
3-Nitroaniline  
Concen: 41.022 ng  
RT: 14.539 min Scan# 1929  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

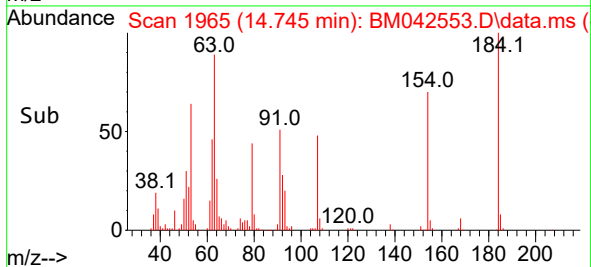
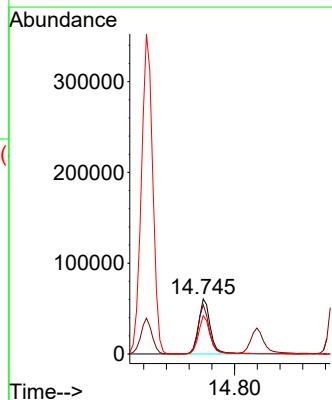
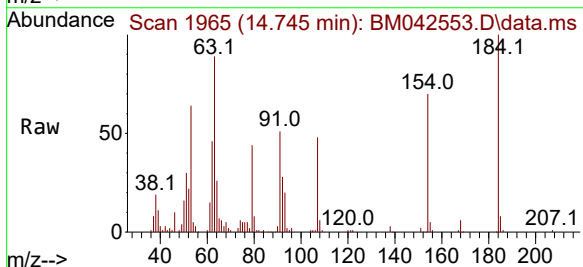
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

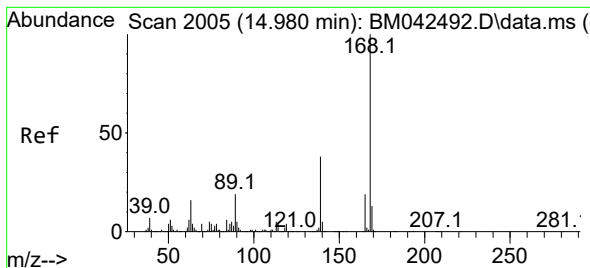
Tgt Ion:138 Resp: 146672  
Ion Ratio Lower Upper  
138 100  
108 10.4 7.9 11.9  
92 123.5 100.7 151.1



#54  
2,4-Dinitrophenol  
Concen: 42.226 ng  
RT: 14.745 min Scan# 1965  
Delta R.T. 0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:184 Resp: 87860  
Ion Ratio Lower Upper  
184 100  
63 89.1 69.2 103.8  
154 69.5 53.2 79.8

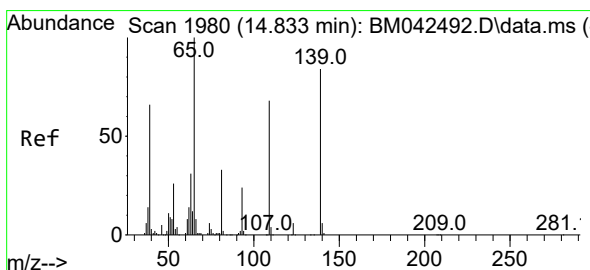
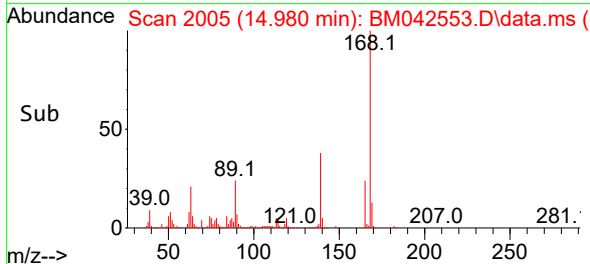
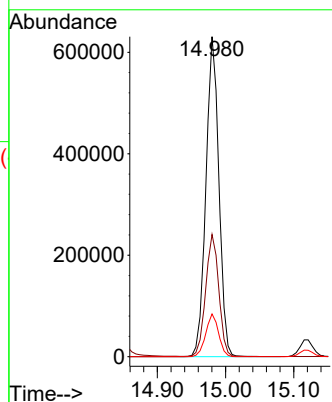
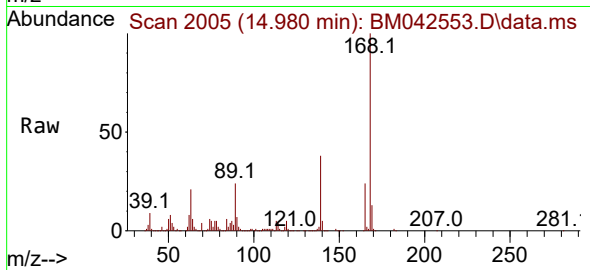




#55  
Dibenzofuran  
Concen: 43.197 ng  
RT: 14.980 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

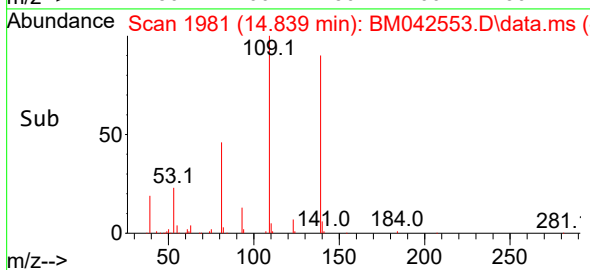
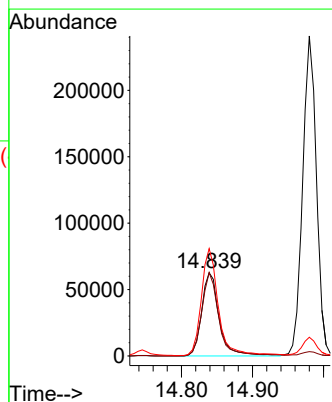
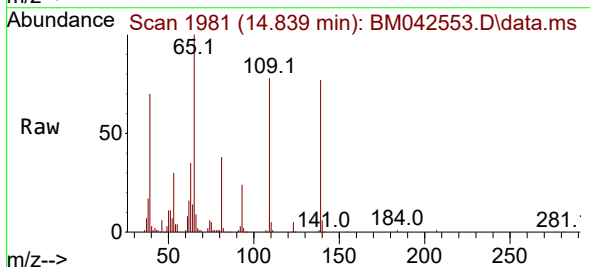
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

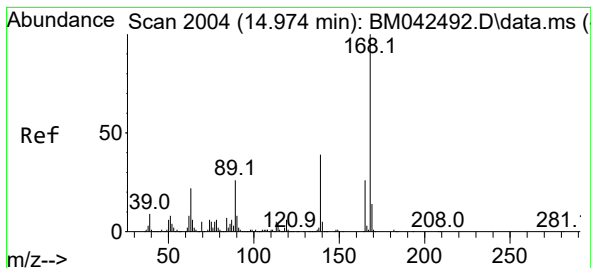
Tgt Ion:168 Resp: 833520  
Ion Ratio Lower Upper  
168 100  
139 38.2 30.4 45.6  
169 13.4 10.6 15.8



#56  
4-Nitrophenol  
Concen: 40.453 ng  
RT: 14.839 min Scan# 1981  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:139 Resp: 108128  
Ion Ratio Lower Upper  
139 100  
109 100.2 61.3 101.3  
65 129.1 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 42.661 ng

RT: 14.980 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 207305

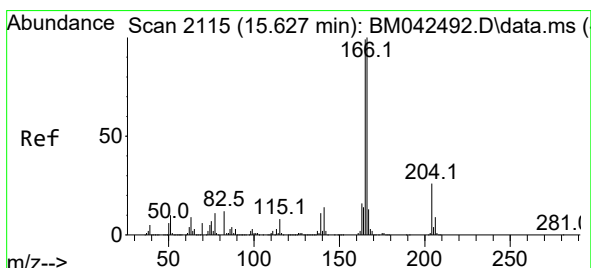
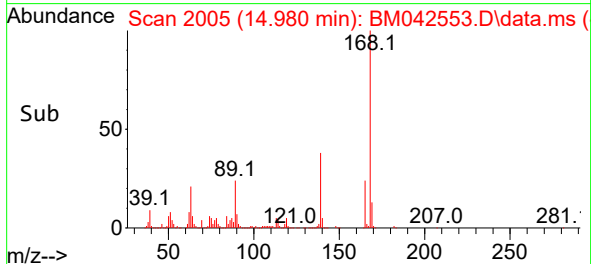
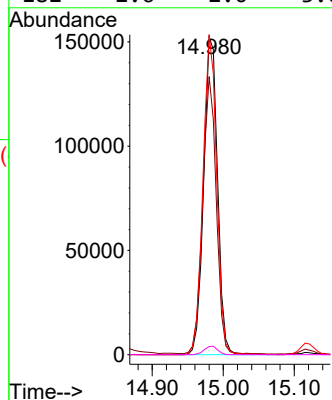
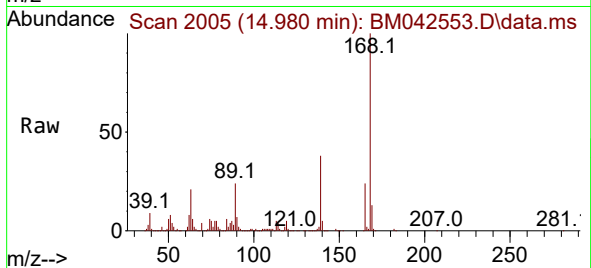
Ion Ratio Lower Upper

165 100

63 87.6 66.7 100.1

89 100.8 80.2 120.4

182 2.6 2.0 3.0



#58

Fluorene

Concen: 43.261 ng

RT: 15.627 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

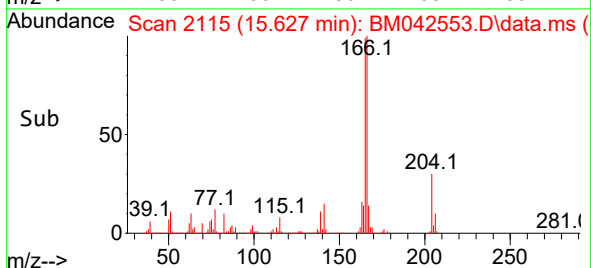
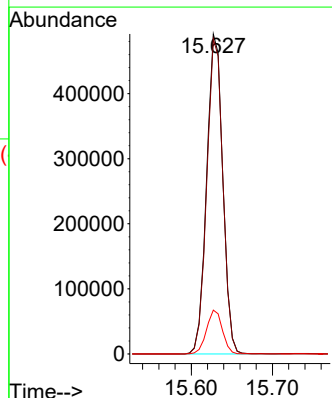
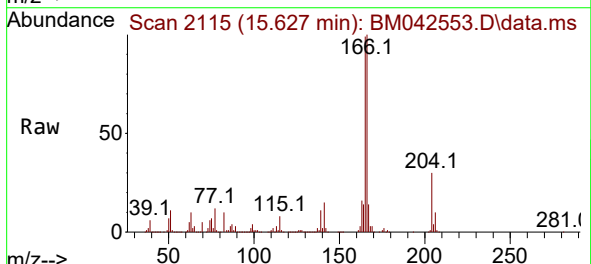
Tgt Ion:166 Resp: 675400

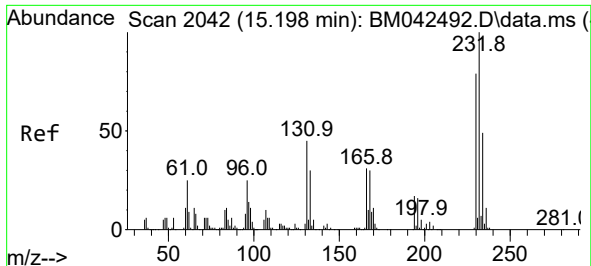
Ion Ratio Lower Upper

166 100

165 98.5 79.3 118.9

167 13.7 10.5 15.7

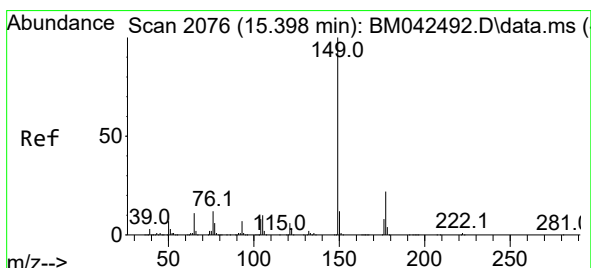
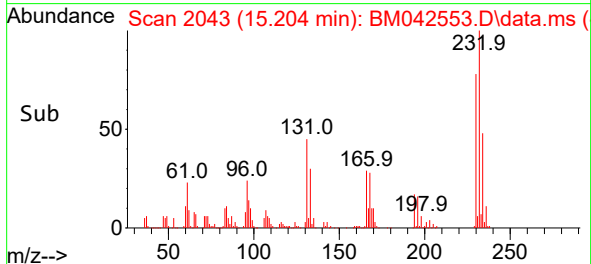
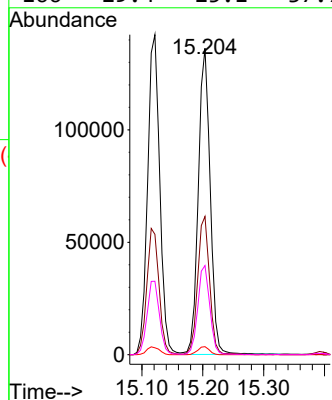
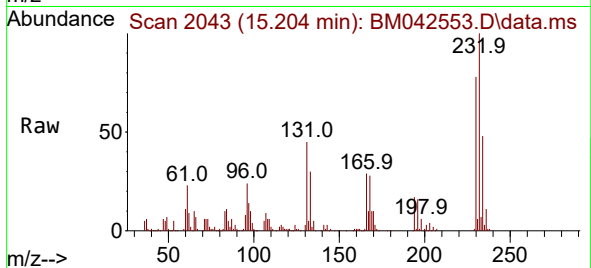




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.736 ng  
RT: 15.204 min Scan# 2043  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

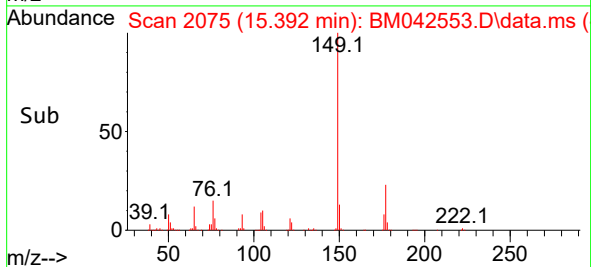
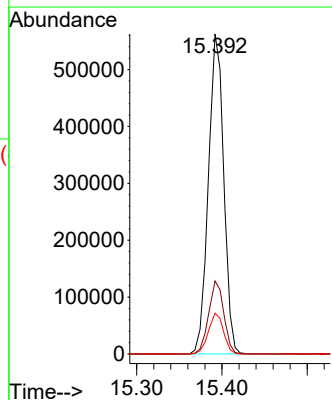
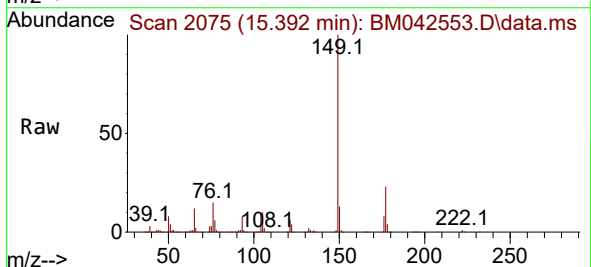
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

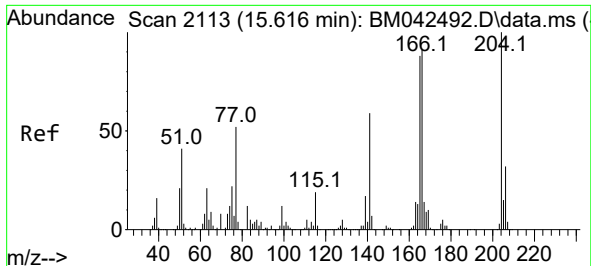
Tgt Ion:232 Resp: 184689  
Ion Ratio Lower Upper  
232 100  
131 45.3 37.2 55.8  
130 2.6 2.1 3.1  
166 29.4 25.1 37.7



#60  
Diethylphthalate  
Concen: 44.129 ng  
RT: 15.392 min Scan# 2075  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:149 Resp: 703555  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.8 26.6  
150 12.7 9.8 14.6

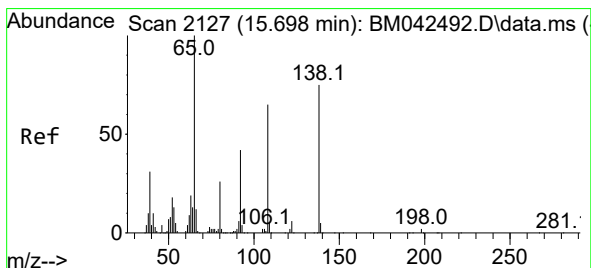
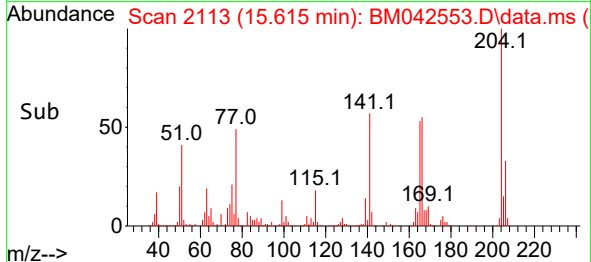
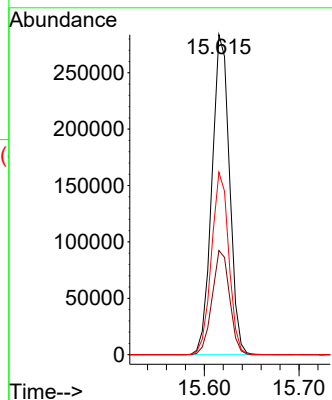
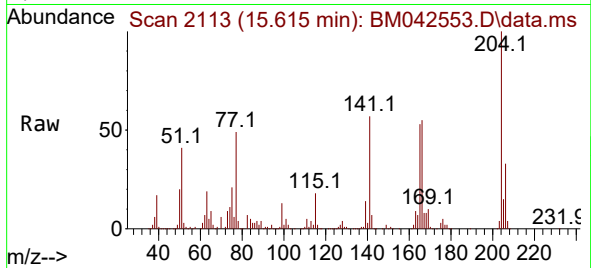




#61  
4-Chlorophenyl-phenylether  
Concen: 46.249 ng  
RT: 15.615 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

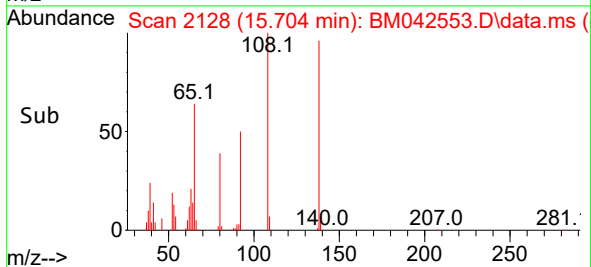
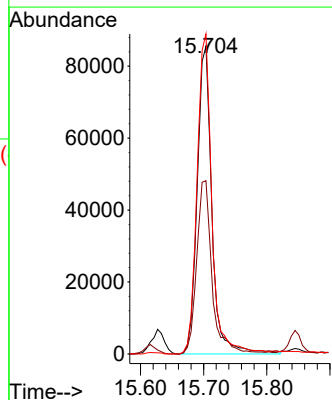
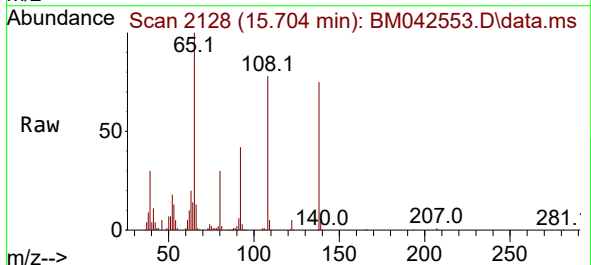
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

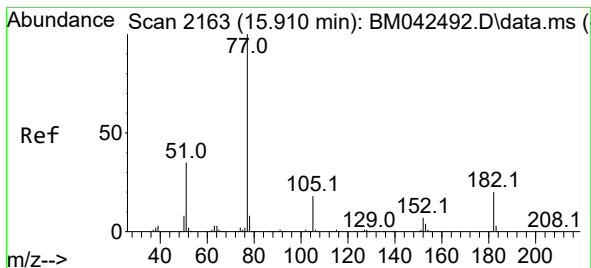
Tgt Ion:204 Resp: 364781  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.9 38.9  
141 57.0 46.8 70.2



#62  
4-Nitroaniline  
Concen: 43.210 ng  
RT: 15.704 min Scan# 2128  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:138 Resp: 138258  
Ion Ratio Lower Upper  
138 100  
92 56.3 37.0 77.0  
108 104.0 67.2 107.2





#63

Azobenzene

Concen: 43.617 ng

RT: 15.915 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 766307

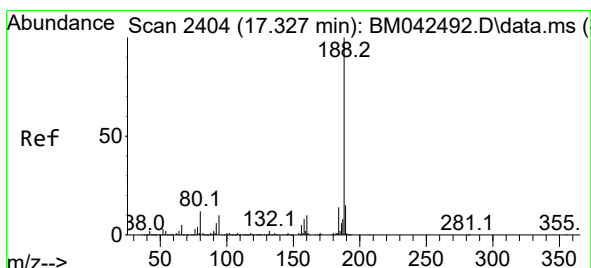
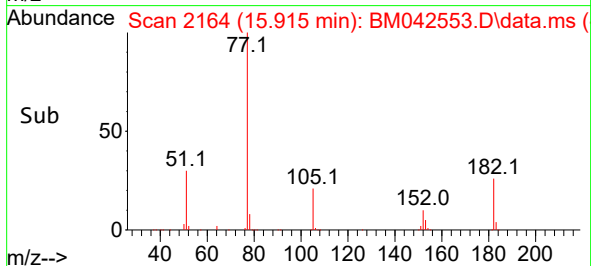
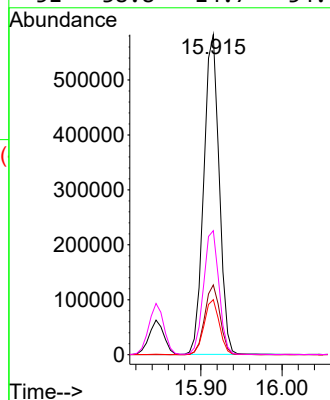
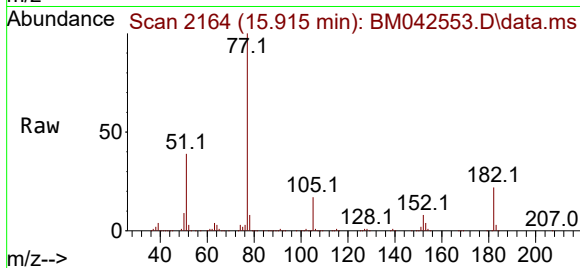
Ion Ratio Lower Upper

77 100

182 21.8 0.0 40.0

105 17.2 0.0 37.9

51 38.8 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

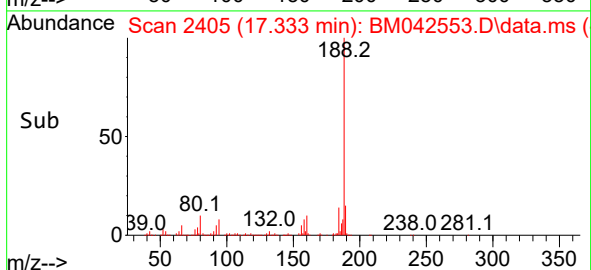
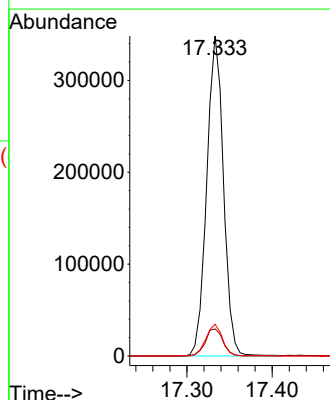
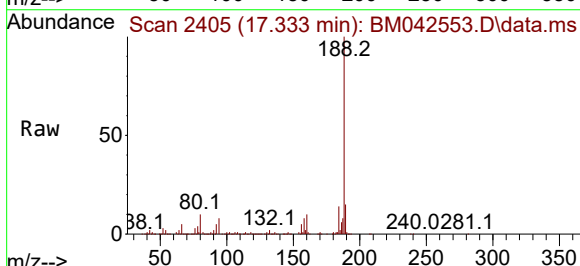
Tgt Ion:188 Resp: 474977

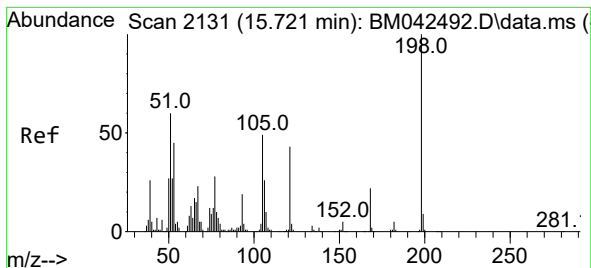
Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

80 9.9 9.4 14.2

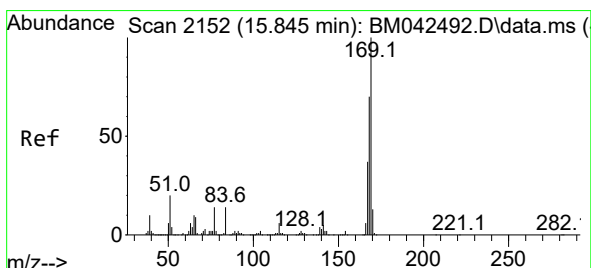
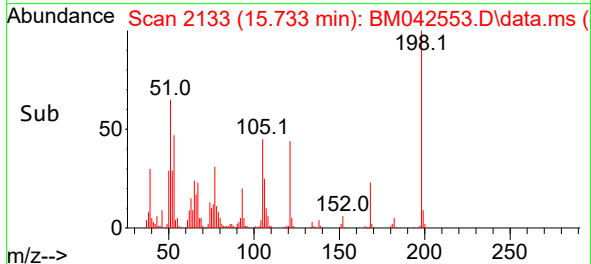
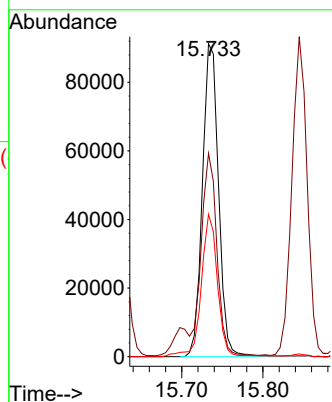
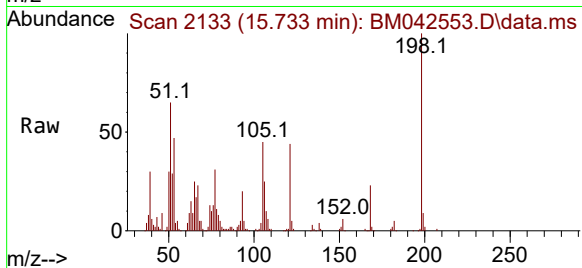




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.038 ng  
RT: 15.733 min Scan# 2133  
Delta R.T. 0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

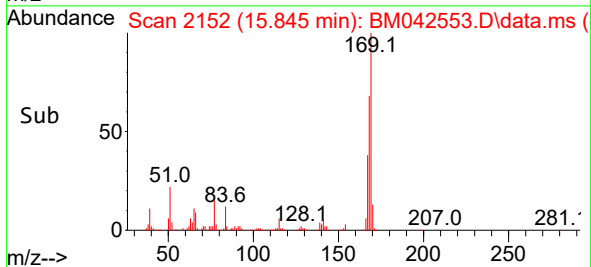
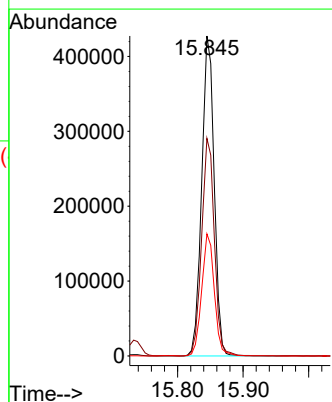
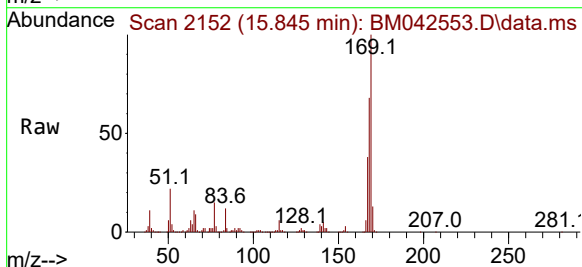
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

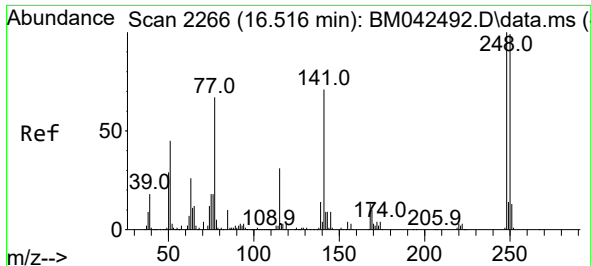
Tgt Ion:198 Resp: 125844  
Ion Ratio Lower Upper  
198 100  
51 65.0 42.4 82.4  
105 45.5 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 42.359 ng  
RT: 15.845 min Scan# 2152  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:169 Resp: 567299  
Ion Ratio Lower Upper  
169 100  
168 68.0 55.9 83.9  
167 38.1 29.8 44.8

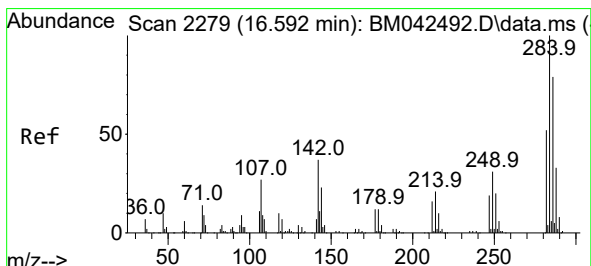
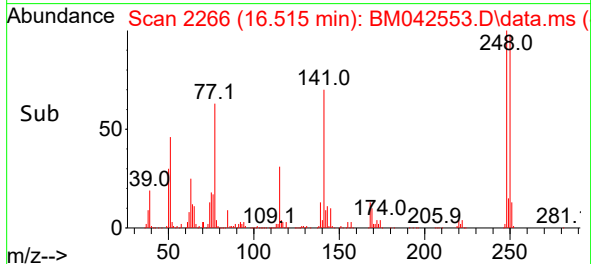
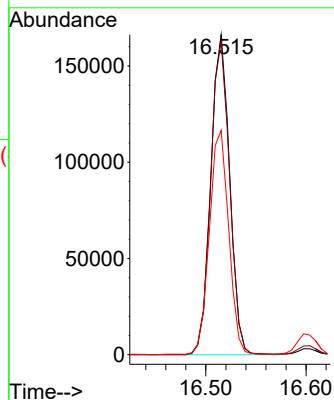
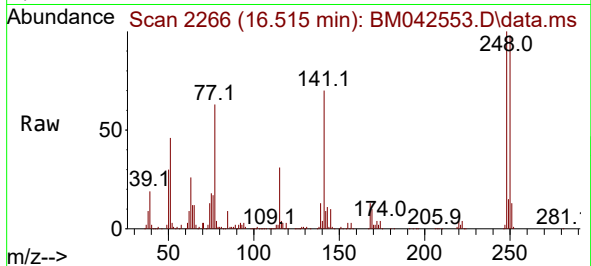




#67  
4-Bromophenyl-phenylether  
Concen: 45.989 ng  
RT: 16.515 min Scan# 2184  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

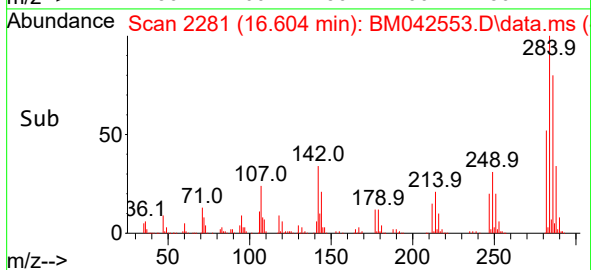
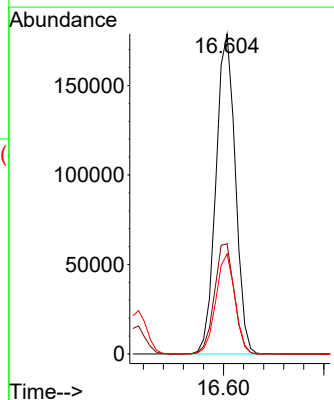
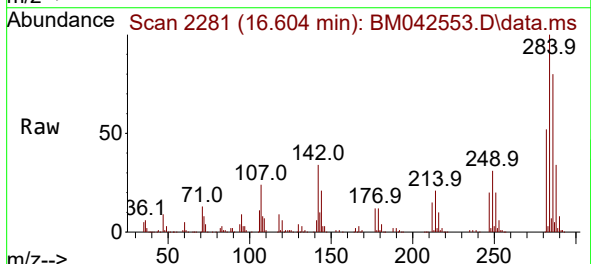
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

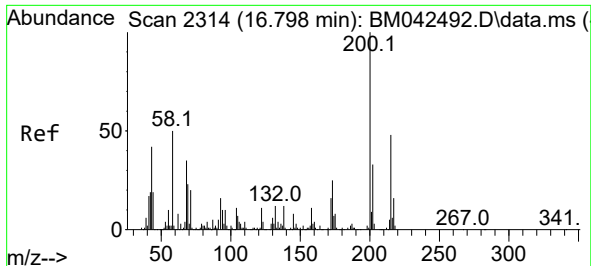
Tgt Ion:248 Resp: 218423  
Ion Ratio Lower Upper  
248 100  
250 97.8 79.4 119.0  
141 70.1 57.0 85.6



#68  
Hexachlorobenzene  
Concen: 45.704 ng  
RT: 16.604 min Scan# 2281  
Delta R.T. 0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:284 Resp: 240142  
Ion Ratio Lower Upper  
284 100  
142 34.5 29.8 44.6  
249 31.2 25.1 37.7

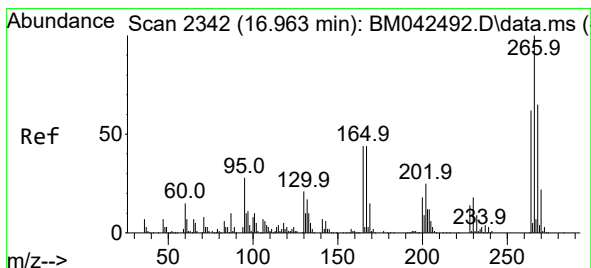
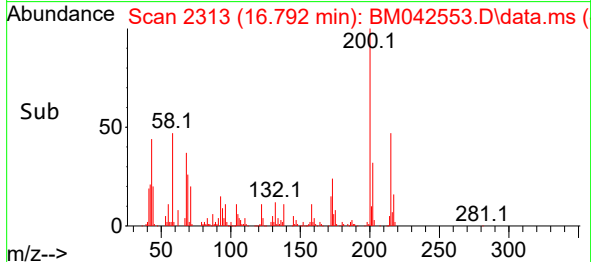
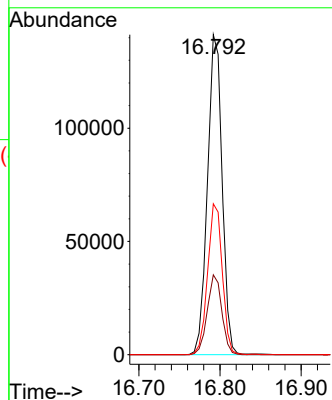
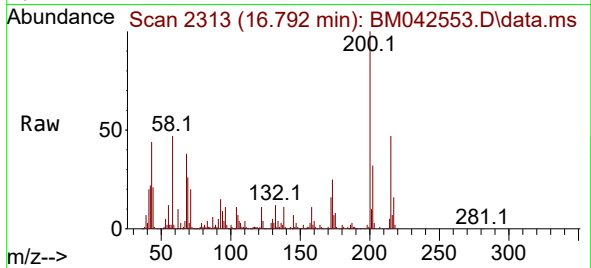




#69  
 Atrazine  
 Concen: 45.727 ng  
 RT: 16.792 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM042553.D  
 Acq: 02 Nov 2023 10:03

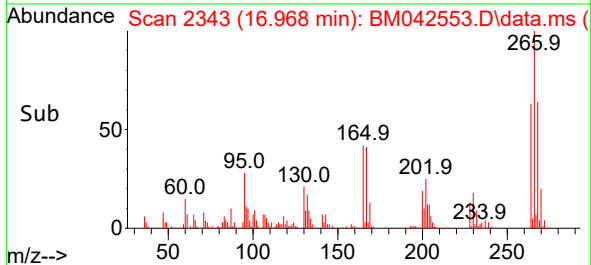
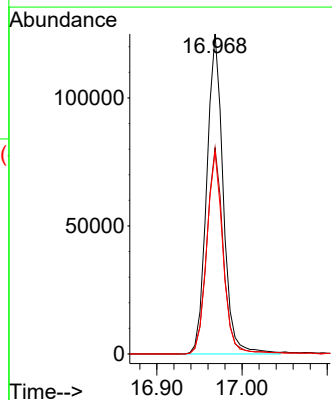
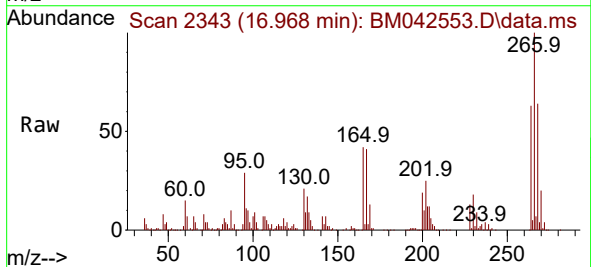
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

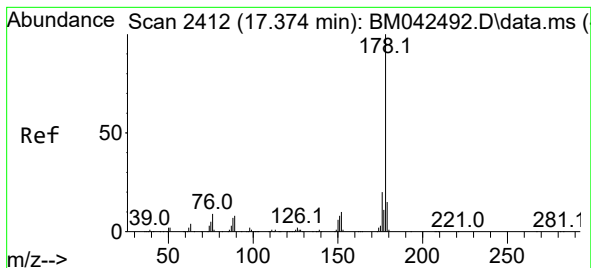
Tgt Ion:200 Resp: 176956  
 Ion Ratio Lower Upper  
 200 100  
 173 25.0 5.4 45.4  
 215 47.2 27.9 67.9



#70  
 Pentachlorophenol  
 Concen: 43.234 ng  
 RT: 16.968 min Scan# 2343  
 Delta R.T. 0.005 min  
 Lab File: BM042553.D  
 Acq: 02 Nov 2023 10:03

Tgt Ion:266 Resp: 167006  
 Ion Ratio Lower Upper  
 266 100  
 268 64.4 51.7 77.5  
 264 63.1 49.4 74.2





#71

Phenanthrene

Concen: 41.667 ng

RT: 17.374 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

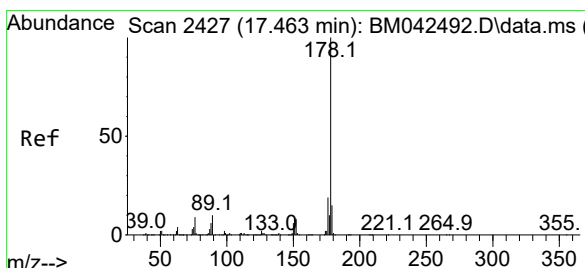
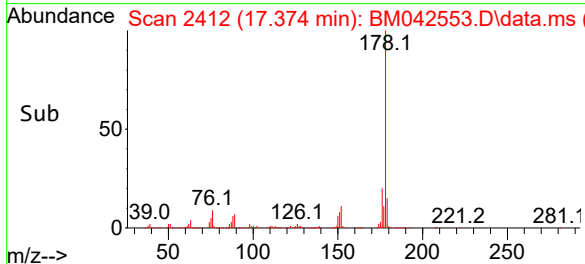
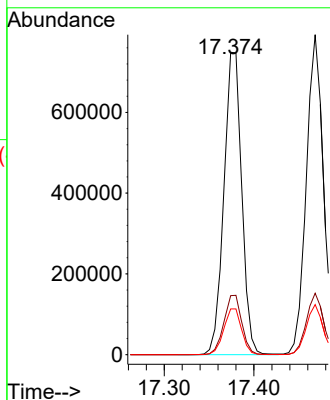
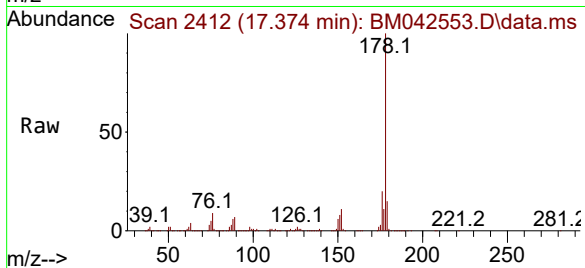
Tgt Ion:178 Resp: 1034265

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.2 12.2 18.4



#72

Anthracene

Concen: 43.022 ng

RT: 17.468 min Scan# 2428

Delta R.T. 0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

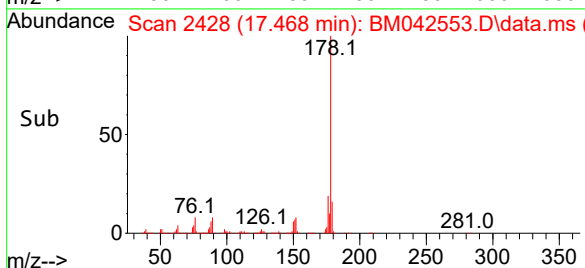
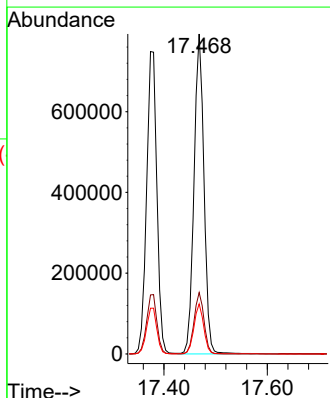
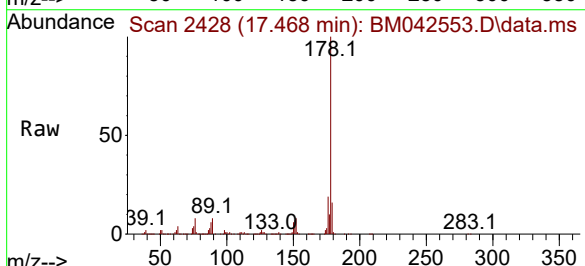
Tgt Ion:178 Resp: 1057743

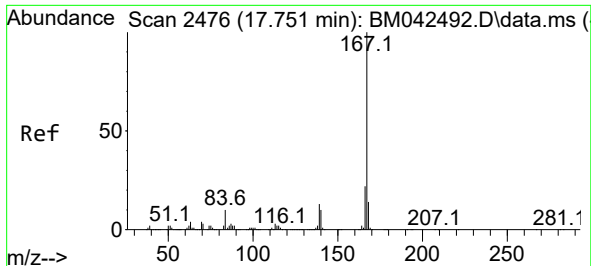
Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.6 12.3 18.5

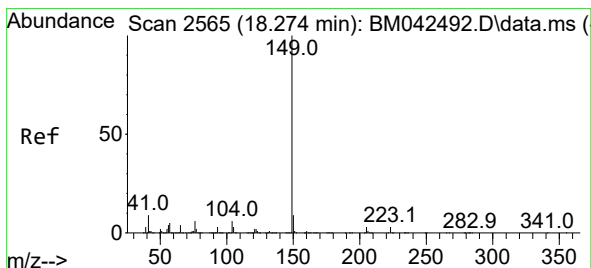
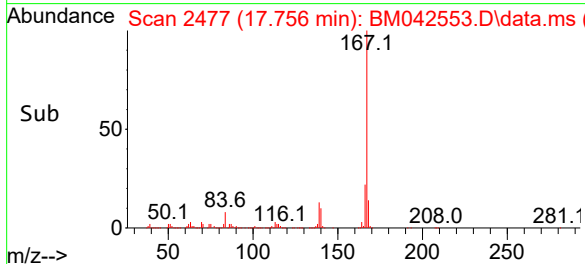
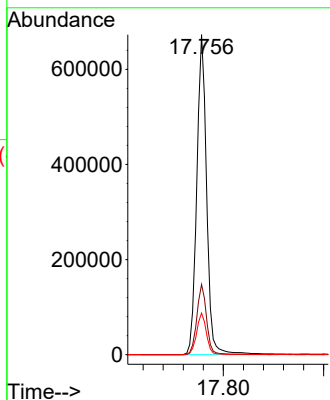
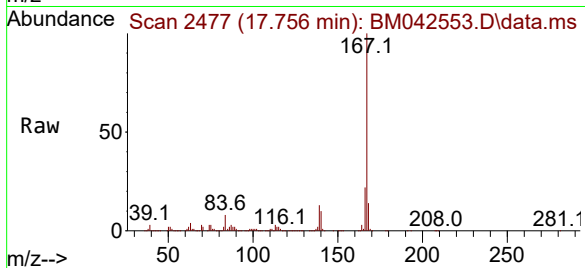




#73  
 Carbazole  
 Concen: 46.009 ng  
 RT: 17.756 min Scan# 2476  
 Delta R.T. 0.005 min  
 Lab File: BM042553.D  
 Acq: 02 Nov 2023 10:03

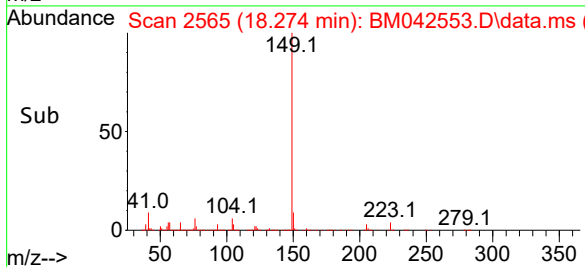
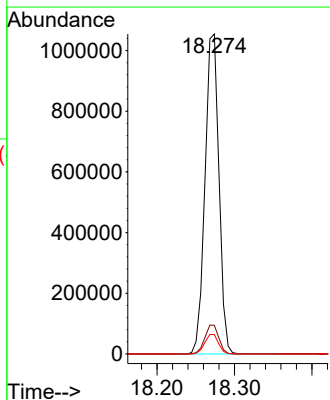
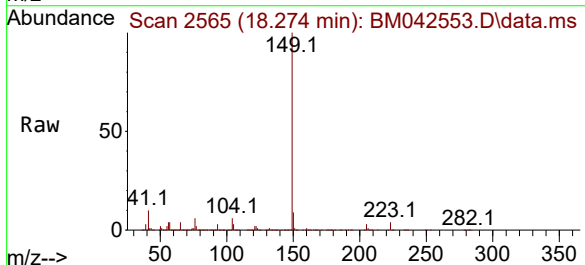
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 ClientSampleId :  
 SSTDCCC040

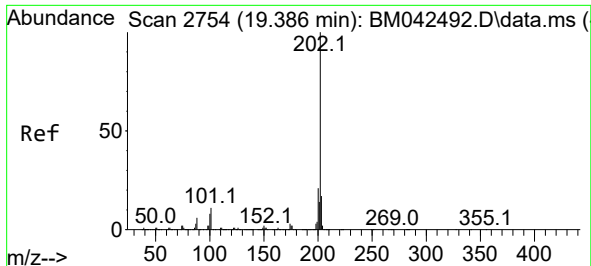
Tgt Ion:167 Resp: 920217  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.4 26.2  
 139 13.0 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 46.901 ng  
 RT: 18.274 min Scan# 2565  
 Delta R.T. -0.000 min  
 Lab File: BM042553.D  
 Acq: 02 Nov 2023 10:03

Tgt Ion:149 Resp: 1317309  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.0 10.6  
 104 6.1 4.6 6.8

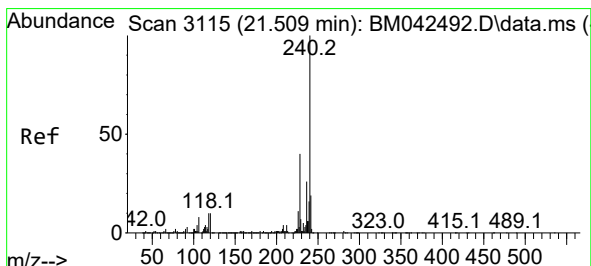
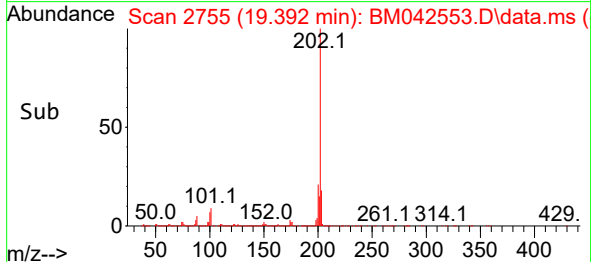
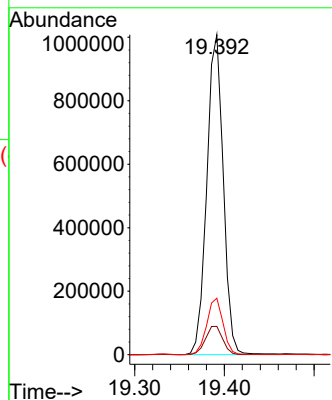
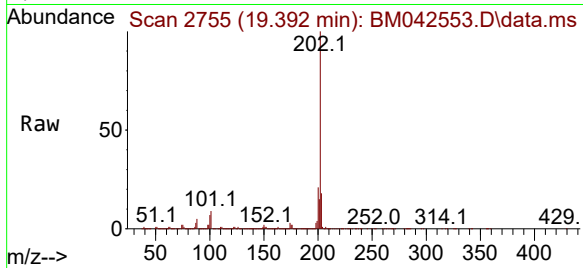




#75  
Fluoranthene  
Concen: 44.040 ng  
RT: 19.392 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

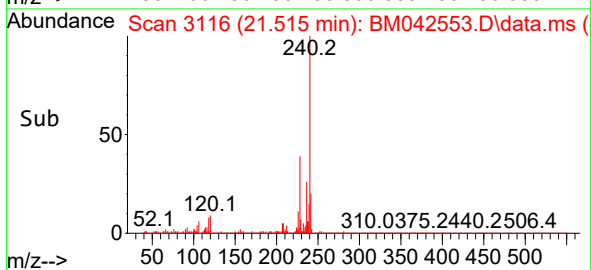
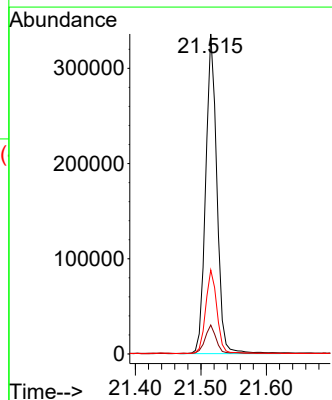
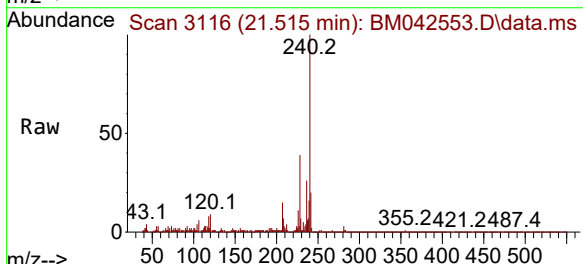
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

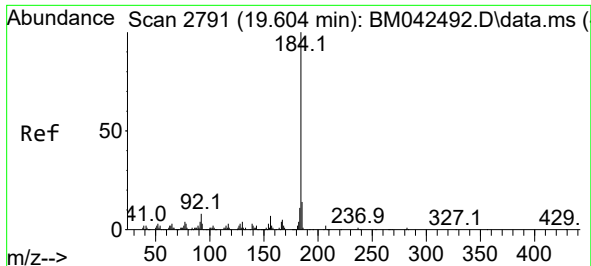
Tgt Ion:202 Resp: 1284096  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 30.5  
203 17.6 0.0 37.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.515 min Scan# 3116  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:240 Resp: 400398  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.3 12.5  
236 26.2 20.8 31.2

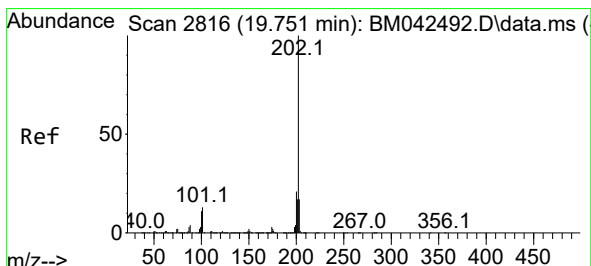
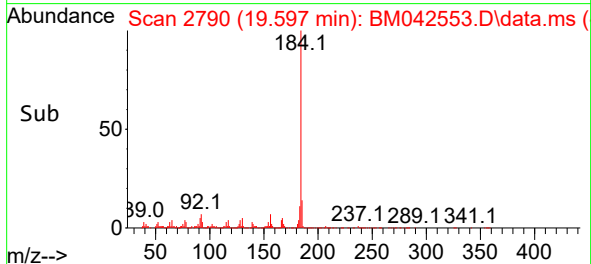
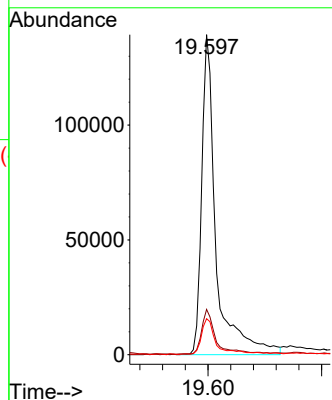
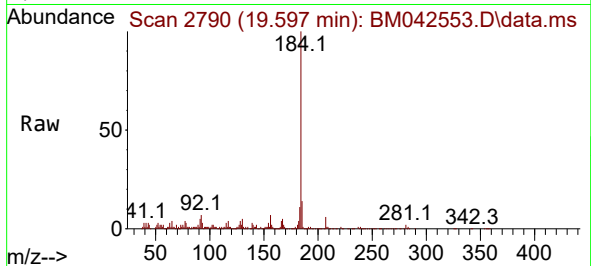




#77  
Benzidine  
Concen: 63.541 ng  
RT: 19.597 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

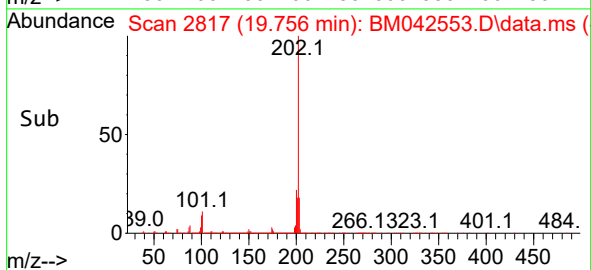
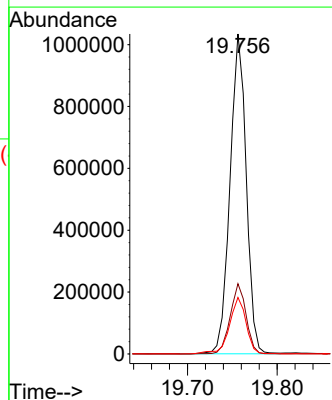
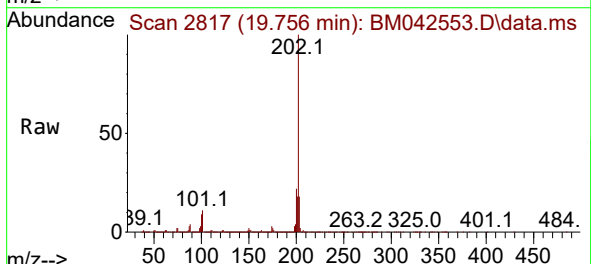
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

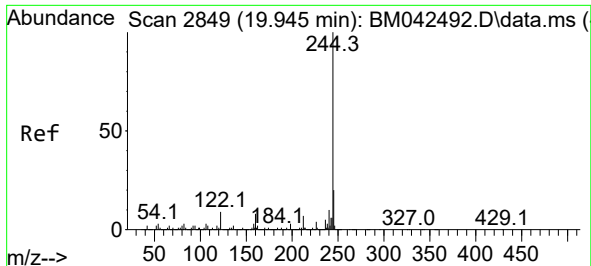
Tgt Ion:184 Resp: 244042  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.2 16.8  
183 11.2 9.0 13.4



#78  
Pyrene  
Concen: 47.269 ng  
RT: 19.756 min Scan# 2817  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:202 Resp: 1299598  
Ion Ratio Lower Upper  
202 100  
200 21.9 16.9 25.3  
203 17.6 13.7 20.5

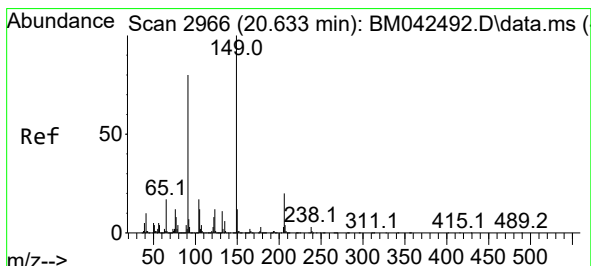
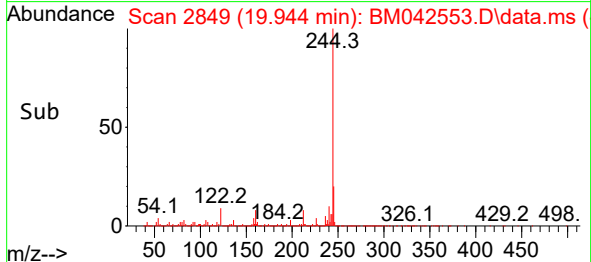
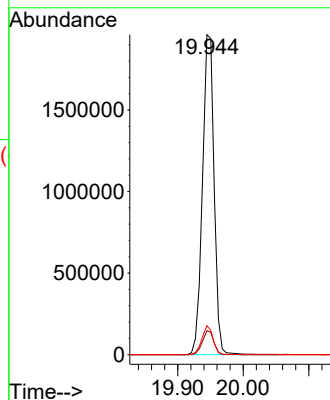
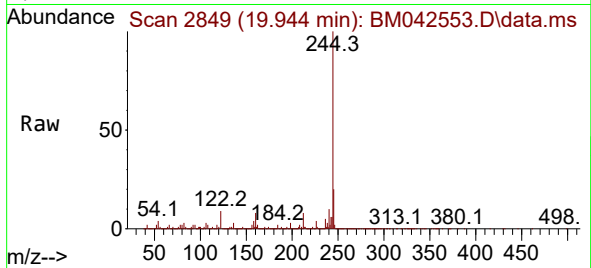




#79  
 Terphenyl-d14  
 Concen: 102.666 ng  
 RT: 19.944 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM042553.D  
 Acq: 02 Nov 2023 10:03

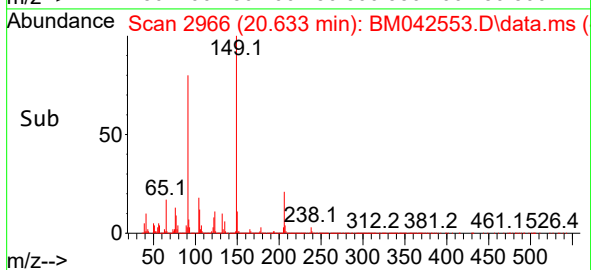
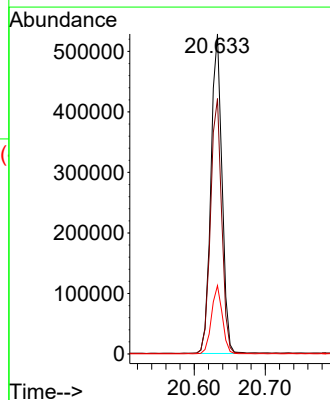
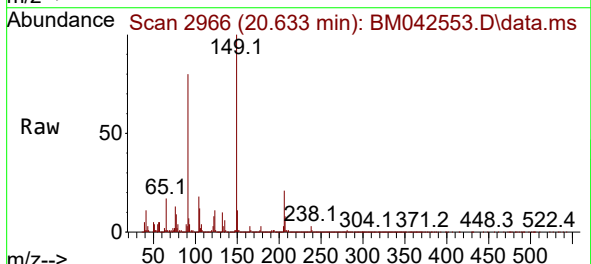
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

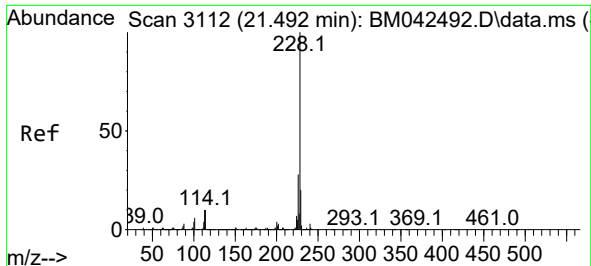
Tgt Ion:244 Resp: 2424328  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.4 8.2  
 122 9.0 7.2 10.8



#80  
 Butylbenzylphthalate  
 Concen: 48.919 ng  
 RT: 20.633 min Scan# 2966  
 Delta R.T. -0.000 min  
 Lab File: BM042553.D  
 Acq: 02 Nov 2023 10:03

Tgt Ion:149 Resp: 574442  
 Ion Ratio Lower Upper  
 149 100  
 91 79.8 64.2 96.4  
 206 21.4 16.1 24.1

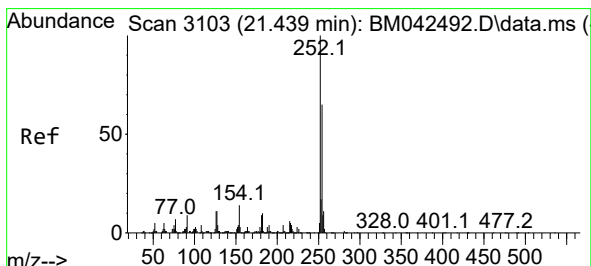
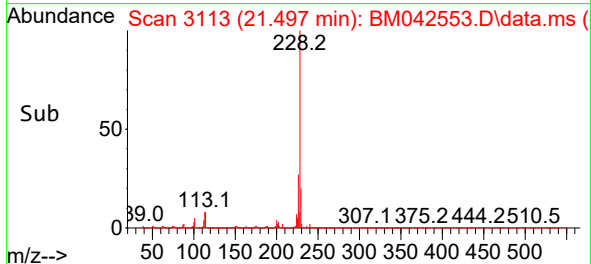
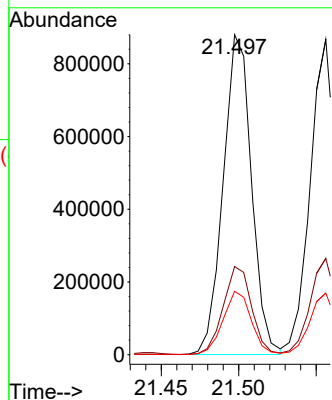
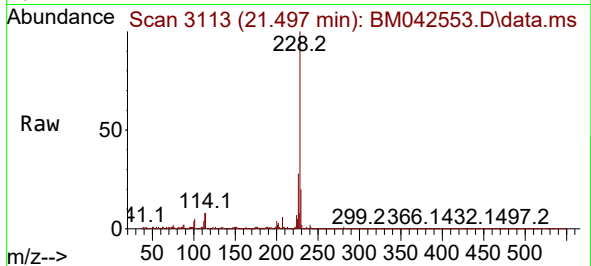




#81  
Benzo(a)anthracene  
Concen: 43.805 ng  
RT: 21.497 min Scan# 3112  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

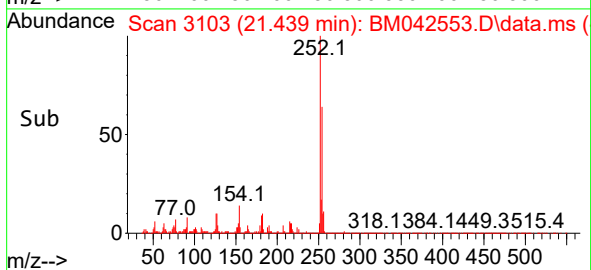
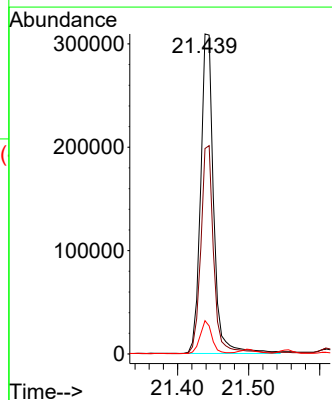
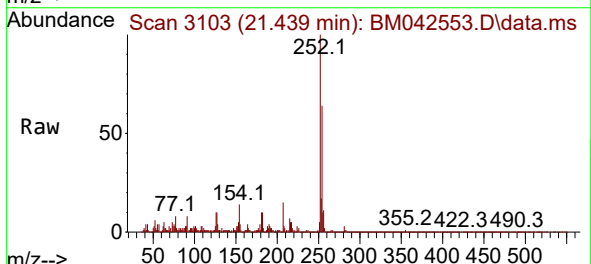
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

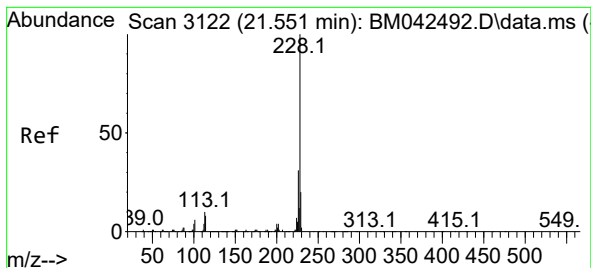
Tgt Ion:228 Resp: 1115942  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.3 33.5  
229 19.8 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 48.832 ng  
RT: 21.439 min Scan# 3103  
Delta R.T. -0.000 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:252 Resp: 395368  
Ion Ratio Lower Upper  
252 100  
254 64.2 52.2 78.4  
126 10.4 8.9 13.3





#83

Chrysene

Concen: 40.682 ng

RT: 21.556 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

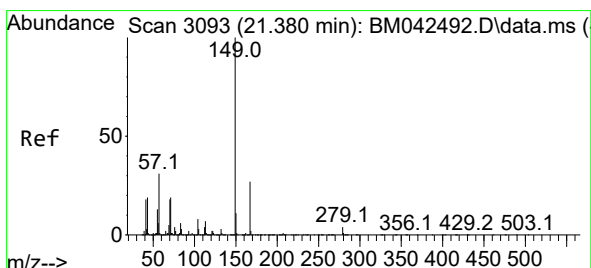
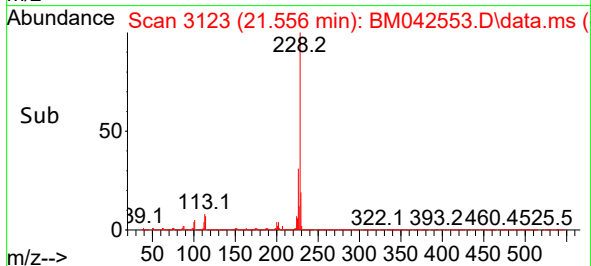
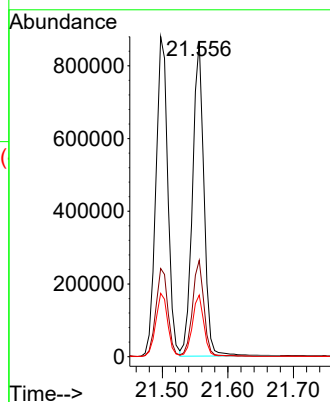
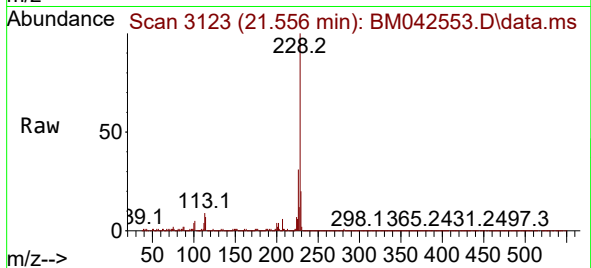
Tgt Ion:228 Resp: 1052768

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.113 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

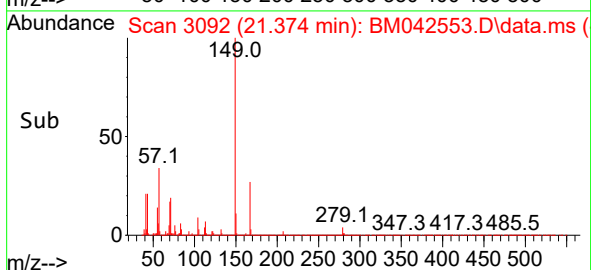
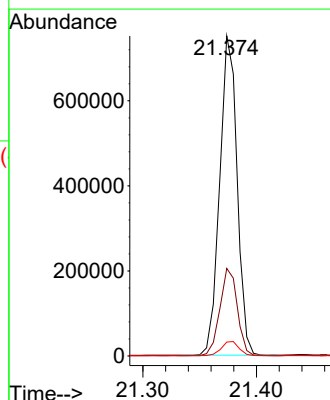
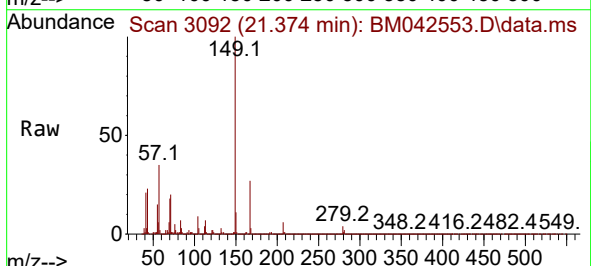
Tgt Ion:149 Resp: 800618

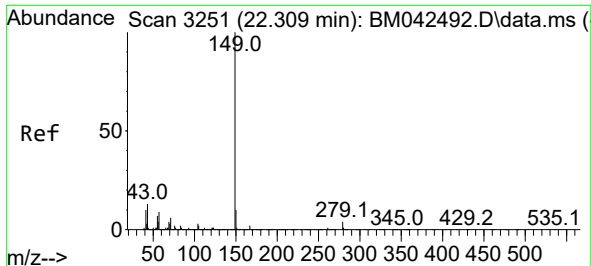
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.4 3.4 5.2

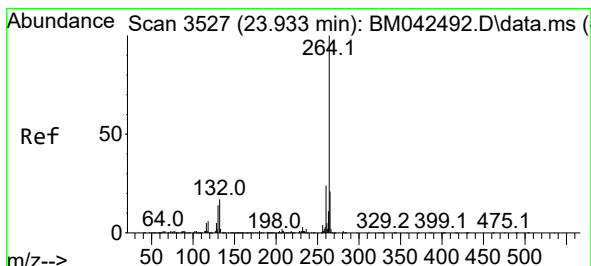
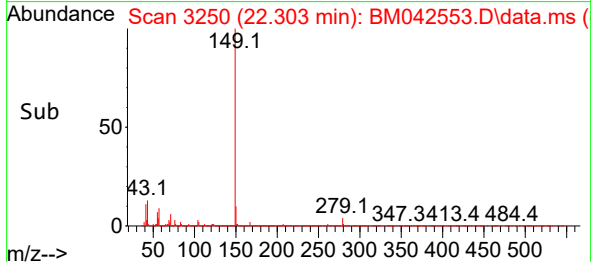
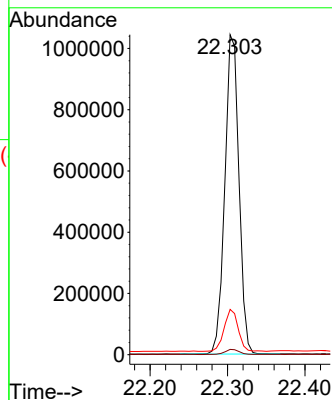
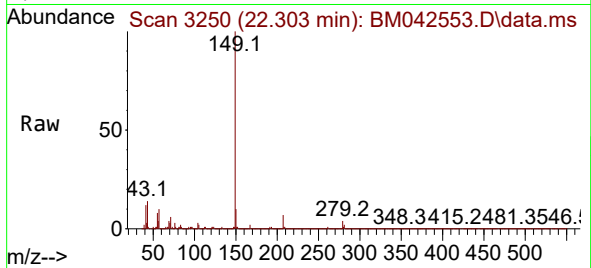




#85  
Di-n-octyl phthalate  
Concen: 43.099 ng  
RT: 22.303 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

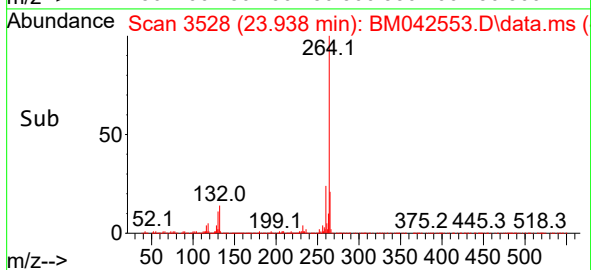
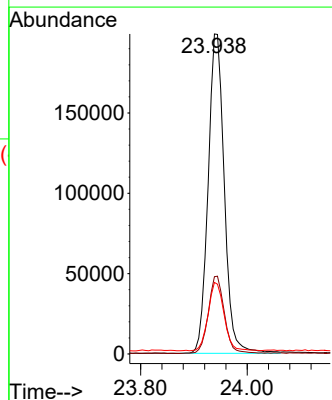
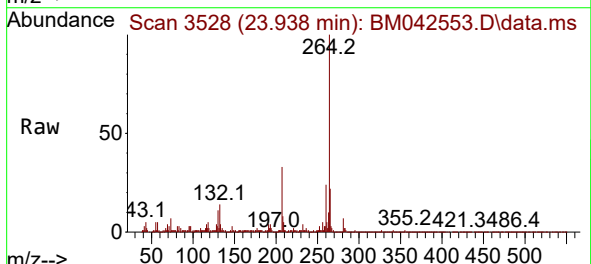
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

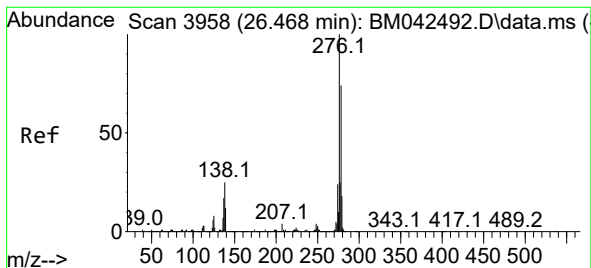
Tgt Ion:149 Resp: 1316566  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 13.0 10.2 15.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.938 min Scan# 3528  
Delta R.T. 0.006 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:264 Resp: 420585  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.0 28.4  
265 22.4 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.319 ng

RT: 26.491 min Scan# 3958

Delta R.T. 0.023 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

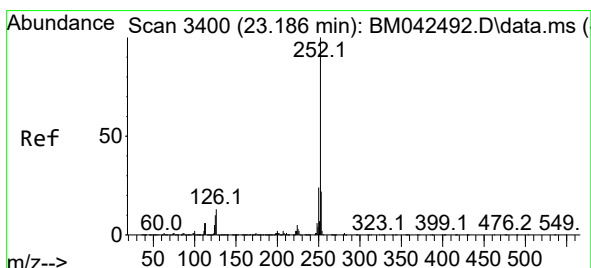
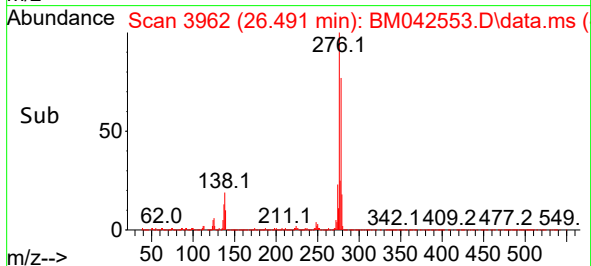
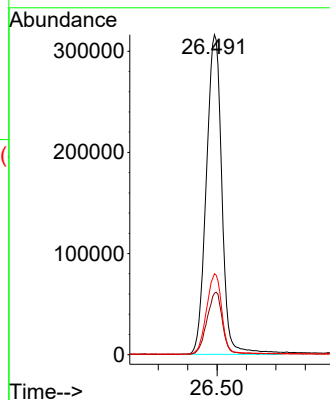
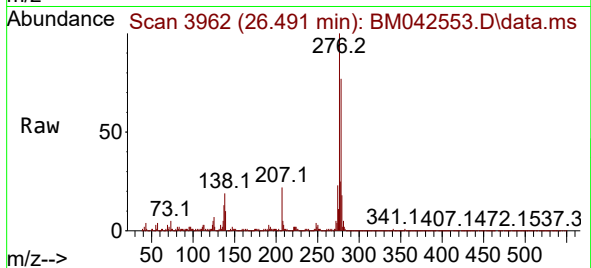
Tgt Ion:276 Resp: 1159461

Ion Ratio Lower Upper

276 100

138 19.1 20.6 31.0#

277 24.8 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 43.870 ng

RT: 23.244 min Scan# 3410

Delta R.T. 0.059 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

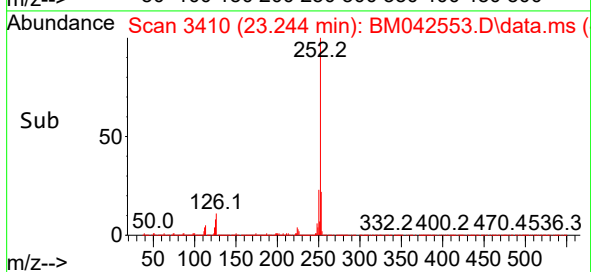
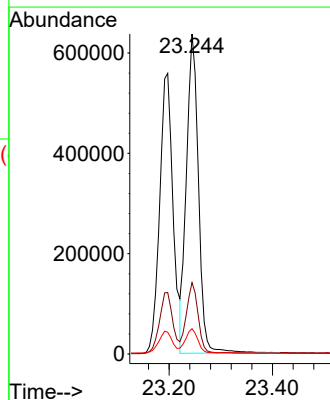
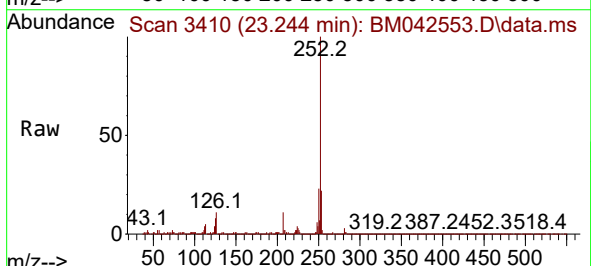
Tgt Ion:252 Resp: 1027944

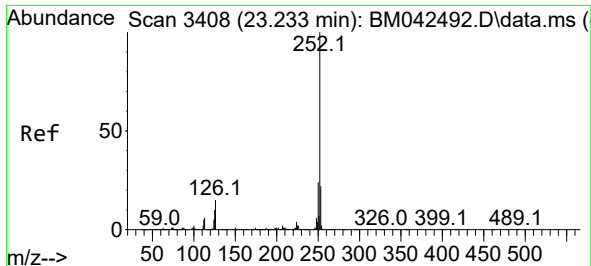
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 7.9 7.8 11.6

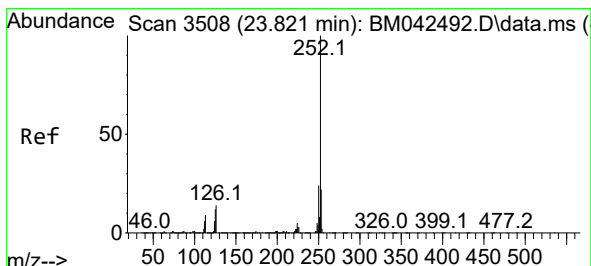
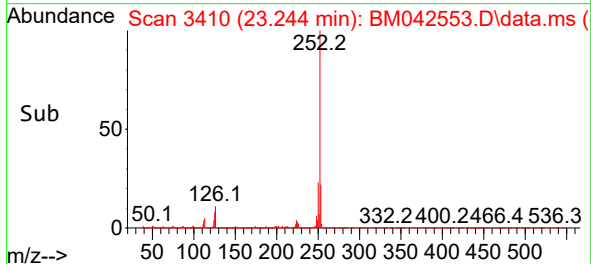
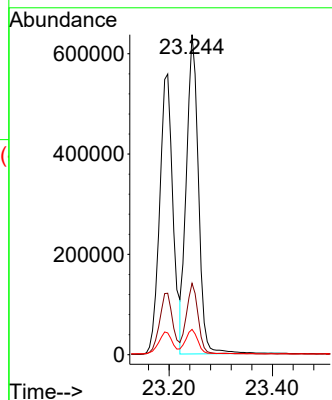
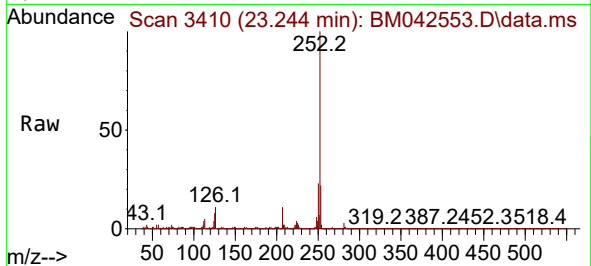




#89  
Benzo(k)fluoranthene  
Concen: 39.370 ng  
RT: 23.244 min Scan# 34  
Delta R.T. 0.012 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

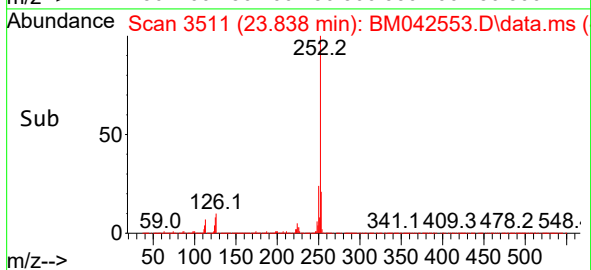
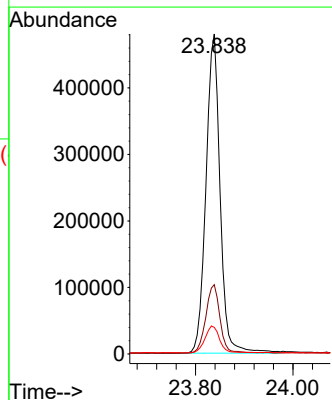
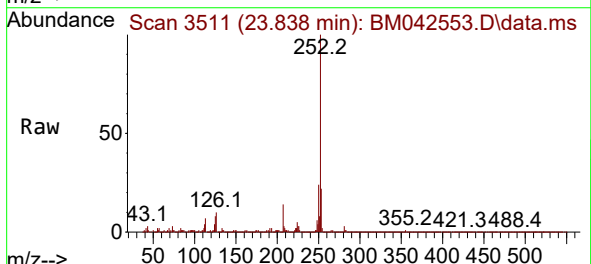
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ClientSampleId :  
SSTDCCC040

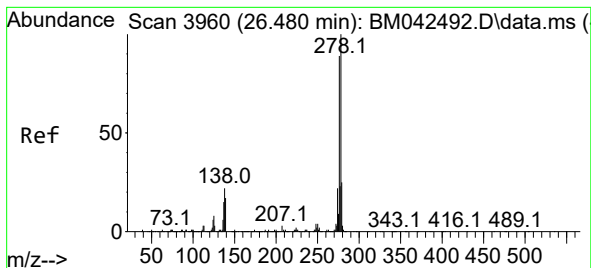
Tgt Ion:252 Resp: 1027944  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 7.9 8.2 12.4#



#90  
Benzo(a)pyrene  
Concen: 41.735 ng  
RT: 23.838 min Scan# 3511  
Delta R.T. 0.017 min  
Lab File: BM042553.D  
Acq: 02 Nov 2023 10:03

Tgt Ion:252 Resp: 962783  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 8.3 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 41.867 ng

RT: 26.503 min Scan# 3964

Delta R.T. 0.023 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

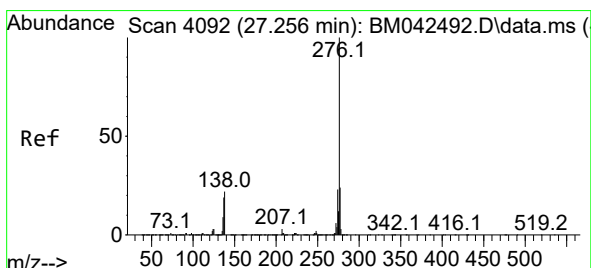
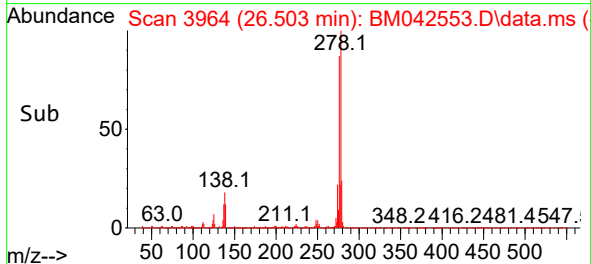
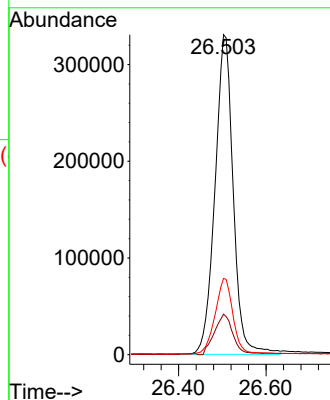
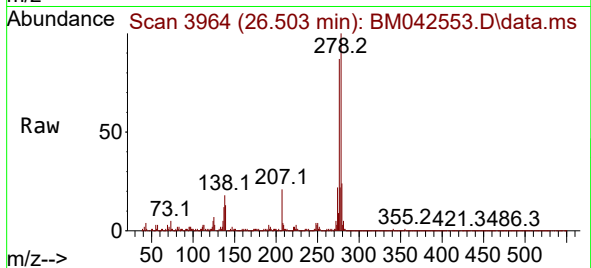
Tgt Ion:278 Resp: 954132

Ion Ratio Lower Upper

278 100

139 12.7 13.4 20.2#

279 23.8 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 41.981 ng

RT: 27.291 min Scan# 4098

Delta R.T. 0.035 min

Lab File: BM042553.D

Acq: 02 Nov 2023 10:03

Tgt Ion:276 Resp: 926192

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 16.9 17.3 25.9#

