

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
 Data File : BM044809.D  
 Acq On : 29 Mar 2024 10:04  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 29 12:35:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 29 01:24:21 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152  | 82531    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.451 | 136  | 310578   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.315 | 164  | 159307   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.074 | 188  | 284986   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.274 | 240  | 249788   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.509 | 264  | 313858   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.281  | 112  | 465300   | 80.745 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.851  | 99   | 585629   | 78.348 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.833  | 82   | 547726   | 79.502 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.815 | 330  | 145293   | 83.462 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.933 | 172  | 976784   | 78.530 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.715 | 244  | 1120433  | 76.017 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.269  | 88   | 92652    | 40.685 | ng    | 99       |
| 3) Pyridine                   | 3.651  | 79   | 257989   | 40.314 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 134868   | 40.167 | ng    | 97       |
| 6) Aniline                    | 7.016  | 93   | 337715   | 38.794 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.239  | 128  | 230485   | 39.488 | ng    | 100      |
| 9) Benzaldehyde               | 6.834  | 77   | 150947   | 38.836 | ng    | 99       |
| 10) Phenol                    | 6.875  | 94   | 288094   | 39.037 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.116  | 93   | 229329   | 39.475 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.557  | 146  | 243259   | 39.892 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.704  | 146  | 243322   | 39.269 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.016  | 146  | 234546   | 39.265 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.916  | 79   | 190795   | 37.274 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.204  | 45   | 344184   | 39.227 | ng    | 99       |
| 17) 2-Methylphenol            | 8.116  | 107  | 200856   | 38.553 | ng    | 98       |
| 18) Hexachloroethane          | 8.728  | 117  | 97234    | 40.250 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.481  | 70   | 171555   | 37.928 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.439  | 107  | 268804   | 38.181 | ng    | 99       |
| 22) Acetophenone              | 8.498  | 105  | 328716   | 39.025 | ng    | 98       |
| 24) Nitrobenzene              | 8.875  | 77   | 267783   | 39.789 | ng    | 99       |
| 25) Isophorone                | 9.398  | 82   | 436409   | 39.283 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.575  | 139  | 117826   | 39.718 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.633  | 122  | 191741   | 39.368 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.880  | 93   | 276998   | 39.662 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.104 | 162  | 189549   | 40.100 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.310 | 180  | 200366   | 40.281 | ng    | 97       |
| 31) Naphthalene               | 10.498 | 128  | 672992   | 39.448 | ng    | 99       |
| 32) Benzoic acid              | 9.769  | 122  | 141919   | 38.817 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.622 | 127  | 277851   | 39.515 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.769 | 225  | 120784   | 40.897 | ng    | 97       |
| 35) Caprolactam               | 11.422 | 113  | 56268    | 40.859 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.745 | 107  | 192241   | 39.111 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.116 | 142  | 434333   | 38.798 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.339 | 142  | 402268   | 38.552 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.486 | 216  | 197411   | 39.621 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.451 | 237  | 112949   | 42.239 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.739 | 196  | 130246   | 39.059 | ng    | 97       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 29 01:24:21 2024  
 Response via : Initial Calibration

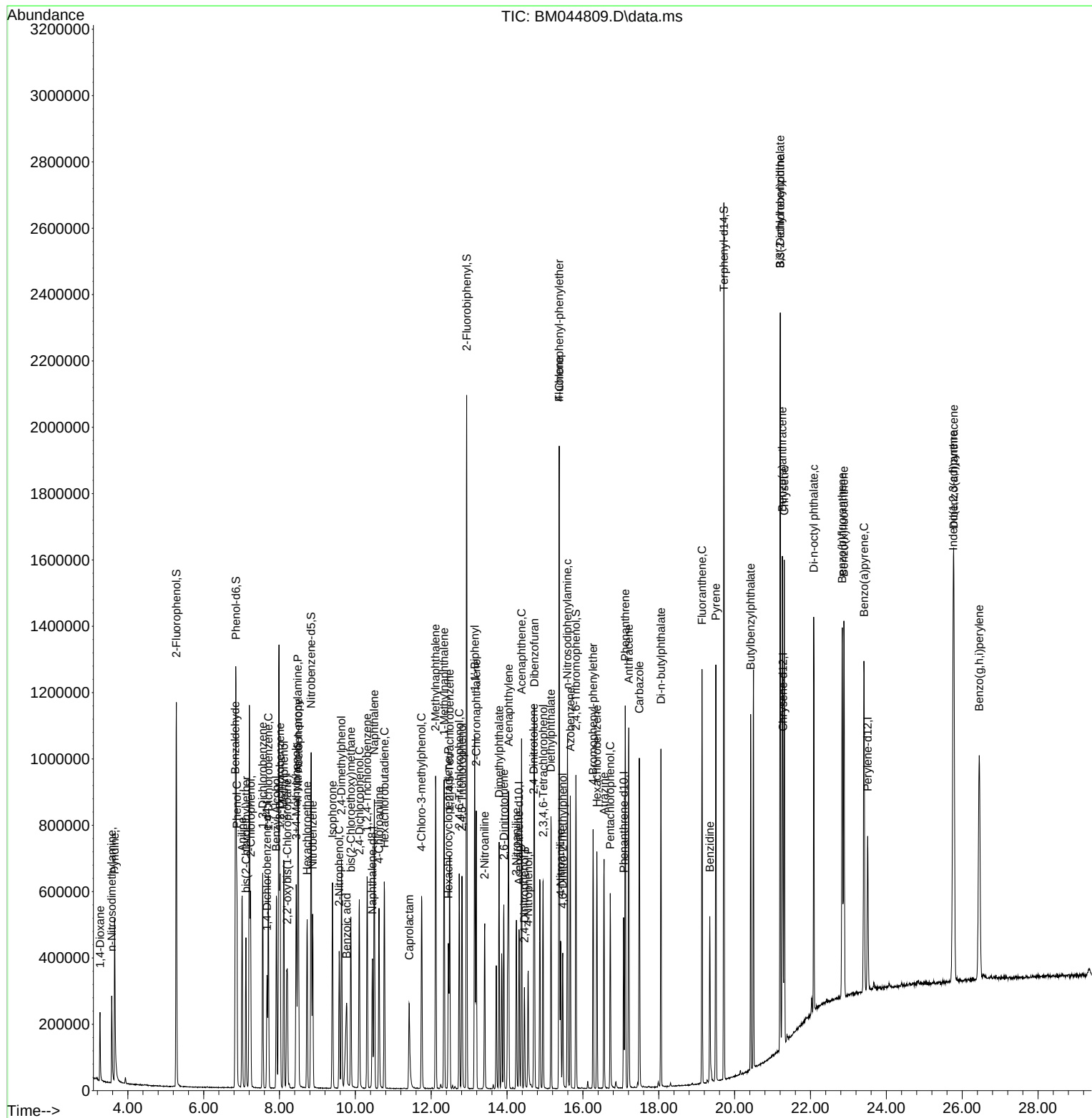
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.810 | 196  | 153468   | 39.963 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.145 | 154  | 500510   | 38.822 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.186 | 162  | 379588   | 39.143 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.410 | 65   | 136192   | 40.546 | ng    | 94       |
| 49) Acenaphthylene            | 14.039 | 152  | 605250   | 39.378 | ng    | 99       |
| 50) Dimethylphthalate         | 13.792 | 163  | 449857   | 40.159 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 13.916 | 165  | 98283    | 40.485 | ng    | 99       |
| 52) Acenaphthene              | 14.380 | 154  | 360095   | 39.602 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.245 | 138  | 116859   | 42.258 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.457 | 184  | 55197    | 40.175 | ng    | 95       |
| 55) Dibenzofuran              | 14.721 | 168  | 563523   | 39.500 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.557 | 139  | 89916    | 42.249 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 128629   | 42.230 | ng    | 96       |
| 58) Fluorene                  | 15.374 | 166  | 434215   | 39.607 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.951 | 232  | 111910   | 40.840 | ng    | 99       |
| 60) Diethylphthalate          | 15.157 | 149  | 435731   | 41.431 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.374 | 204  | 209498   | 40.272 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.410 | 138  | 116745   | 43.960 | ng    | 99       |
| 63) Azobenzene                | 15.668 | 77   | 483120   | 41.222 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.468 | 198  | 72210    | 40.715 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.592 | 169  | 359265   | 38.028 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.268 | 248  | 120658   | 38.675 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.368 | 284  | 132708   | 39.299 | ng    | 99       |
| 69) Atrazine                  | 16.557 | 200  | 109514   | 42.414 | ng    | 99       |
| 70) Pentachlorophenol         | 16.721 | 266  | 93205    | 41.701 | ng    | 99       |
| 71) Phenanthrene              | 17.115 | 178  | 631205   | 39.700 | ng    | 99       |
| 72) Anthracene                | 17.209 | 178  | 641295   | 39.933 | ng    | 99       |
| 73) Carbazole                 | 17.486 | 167  | 599399   | 41.799 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.056 | 149  | 677150   | 42.998 | ng    | 100      |
| 75) Fluoranthene              | 19.139 | 202  | 682340   | 42.994 | ng    | 100      |
| 77) Benzidine                 | 19.345 | 184  | 281230   | 52.217 | ng    | 98       |
| 78) Pyrene                    | 19.503 | 202  | 721027   | 36.224 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.421 | 149  | 291530   | 40.272 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.256 | 228  | 688869   | 39.564 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.203 | 252  | 251088   | 41.587 | ng    | 97       |
| 83) Chrysene                  | 21.309 | 228  | 659816   | 39.539 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.203 | 149  | 417704   | 42.332 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.086 | 149  | 702757   | 42.088 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 25.762 | 276  | 954334   | 40.029 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 22.838 | 252  | 734456   | 41.296 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.880 | 252  | 698157   | 39.092 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.409 | 252  | 720573   | 39.923 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.779 | 278  | 790631   | 40.041 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.450 | 276  | 803822   | 39.127 | ng    | 99       |

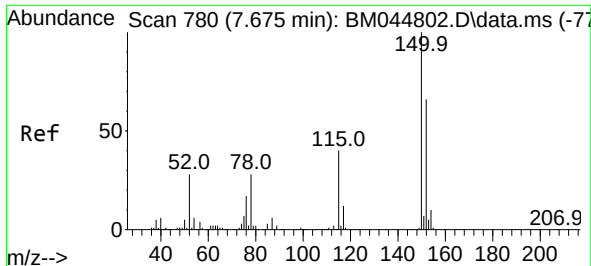
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 29 01:24:21 2024  
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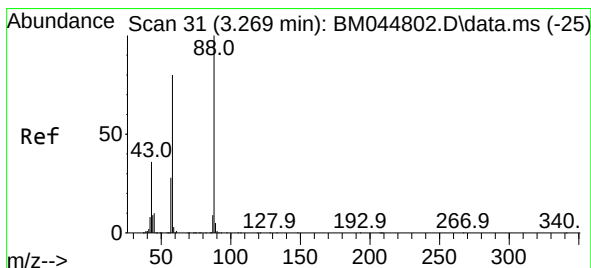
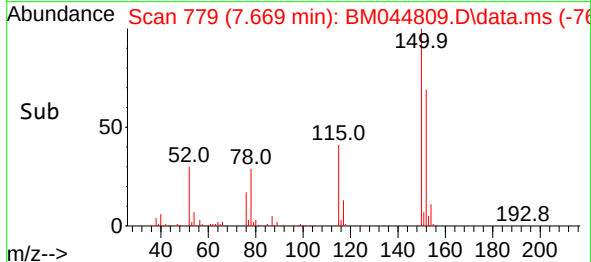
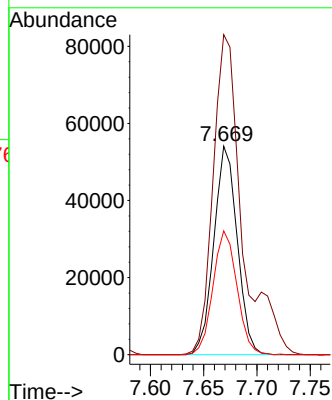
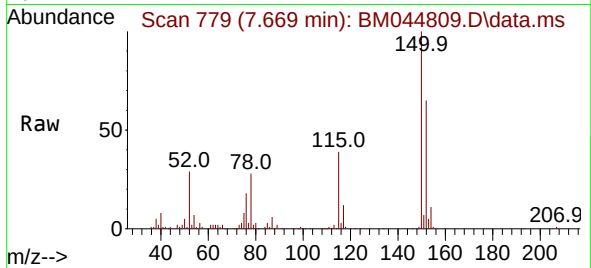




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.669 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BM044809.D  
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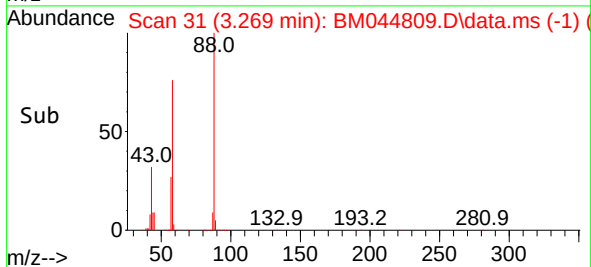
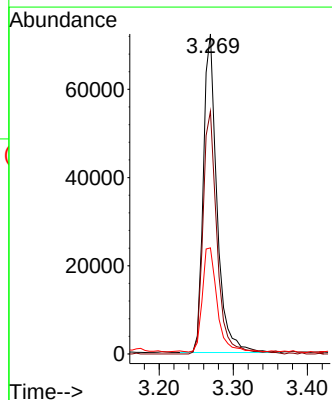
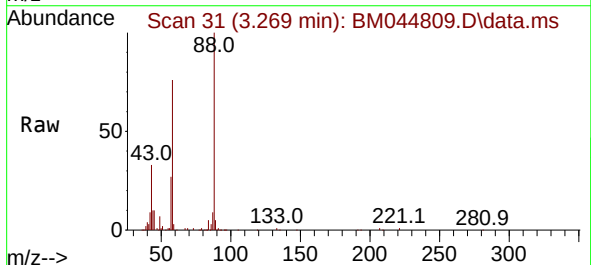
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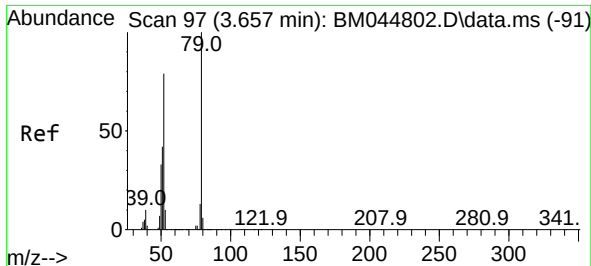
Tgt Ion:152 Resp: 82531  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 121.0 181.6  
 115 59.4 48.3 72.5



#2  
 1,4-Dioxane  
 Concen: 40.685 ng  
 RT: 3.269 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BM044809.D  
 Acq: 29 Mar 2024 10:04

Tgt Ion: 88 Resp: 92652  
 Ion Ratio Lower Upper  
 88 100  
 58 78.6 63.4 95.0  
 43 35.7 28.6 43.0

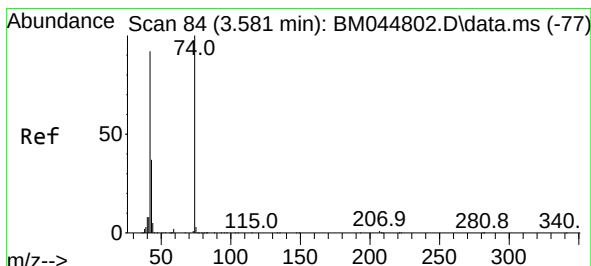
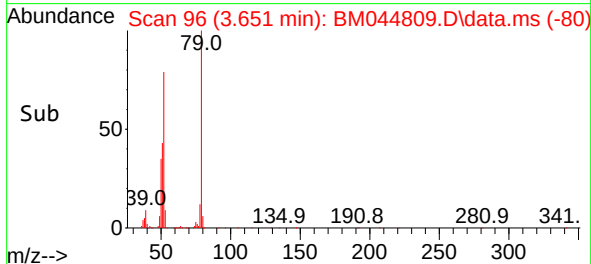
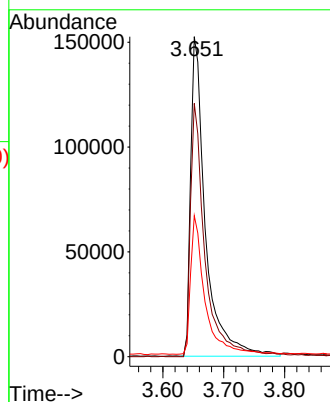
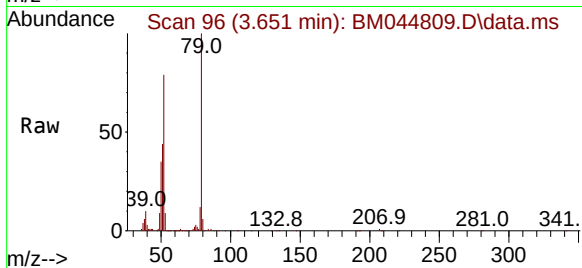




#3  
 Pyridine  
 Concen: 40.314 ng  
 RT: 3.651 min Scan# 90  
 Delta R.T. -0.006 min  
 Lab File: BM044809.D  
 Acq: 29 Mar 2024 10:04

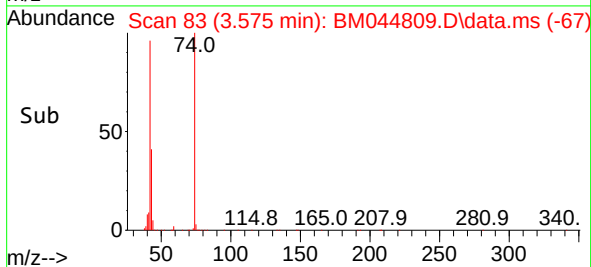
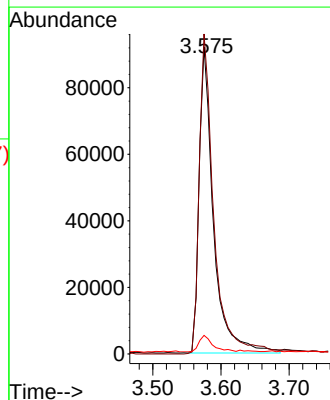
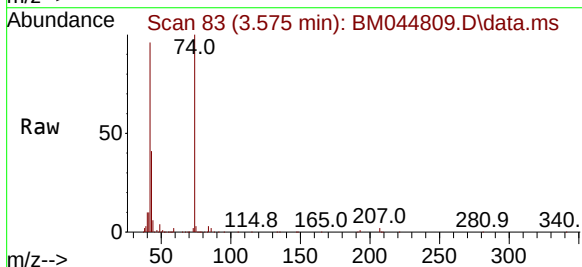
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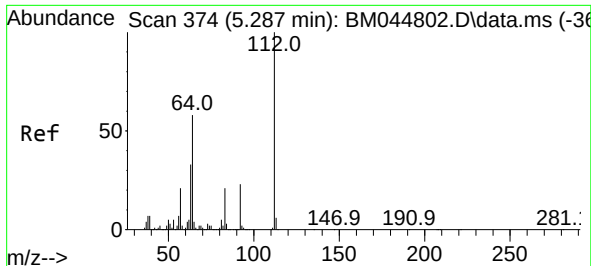
Tgt Ion: 79 Resp: 257989  
 Ion Ratio Lower Upper  
 79 100  
 52 79.1 62.9 94.3  
 51 44.1 34.2 51.2



#4  
 n-Nitrosodimethylamine  
 Concen: 40.167 ng  
 RT: 3.575 min Scan# 83  
 Delta R.T. -0.006 min  
 Lab File: BM044809.D  
 Acq: 29 Mar 2024 10:04

Tgt Ion: 42 Resp: 134868  
 Ion Ratio Lower Upper  
 42 100  
 74 104.2 86.2 129.2  
 44 6.0 5.0 7.4

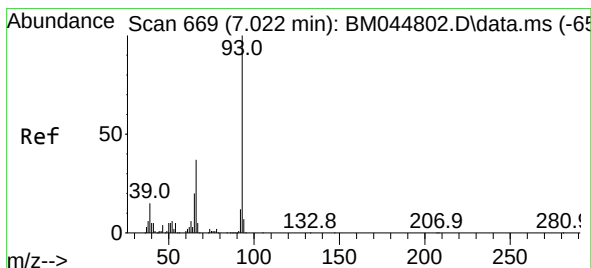
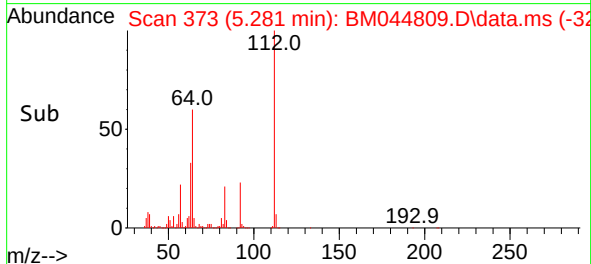
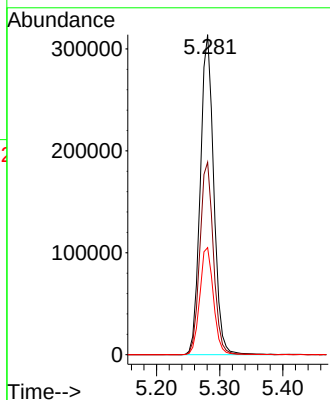
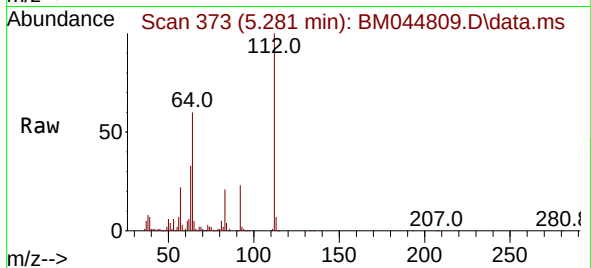




#5  
2-Fluorophenol  
Concen: 80.745 ng  
RT: 5.281 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

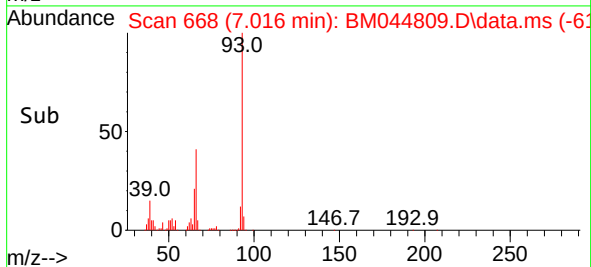
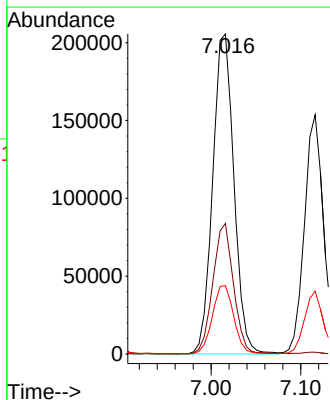
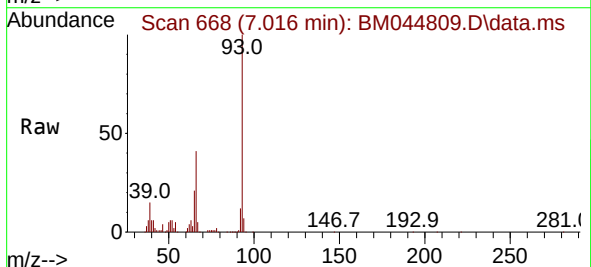
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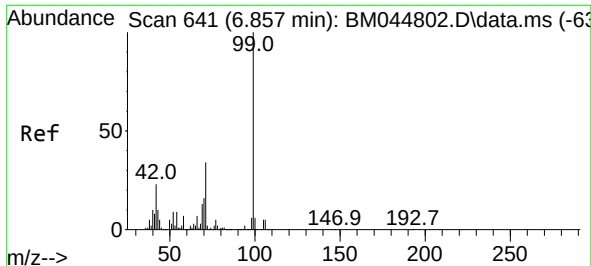
Tgt Ion:112 Resp: 465300  
Ion Ratio Lower Upper  
112 100  
64 60.1 46.4 69.6  
63 33.5 26.2 39.4



#6  
Aniline  
Concen: 38.794 ng  
RT: 7.016 min Scan# 668  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion: 93 Resp: 337715  
Ion Ratio Lower Upper  
93 100  
66 40.8 30.1 45.1  
65 21.3 16.5 24.7

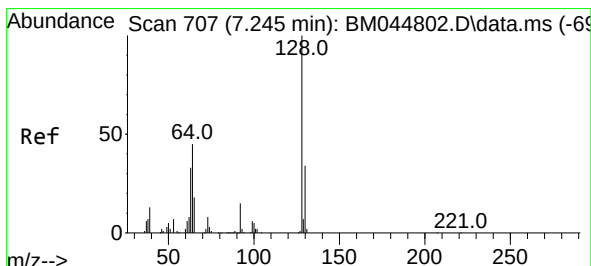
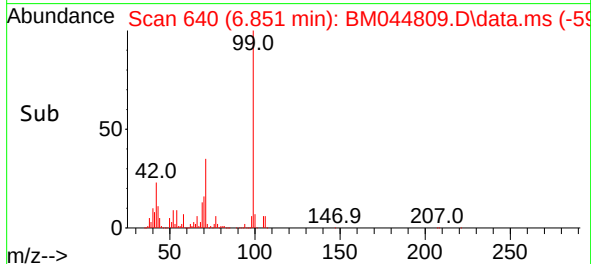
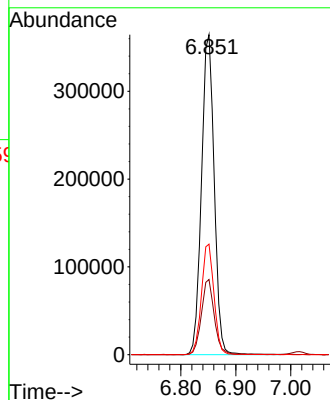
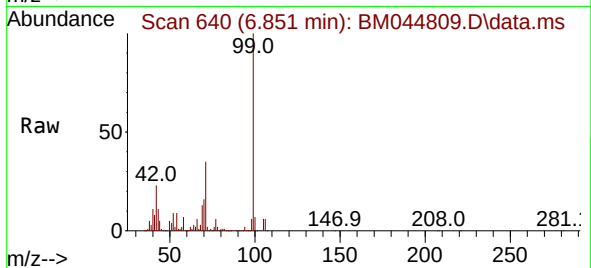




#7  
Phenol-d6  
Concen: 78.348 ng  
RT: 6.851 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

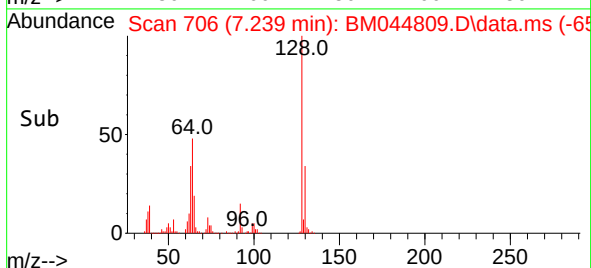
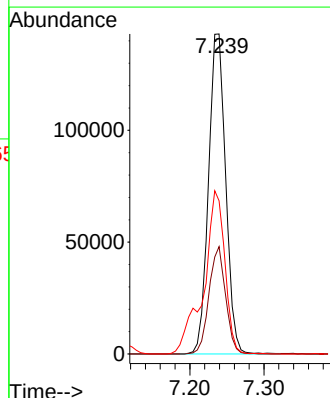
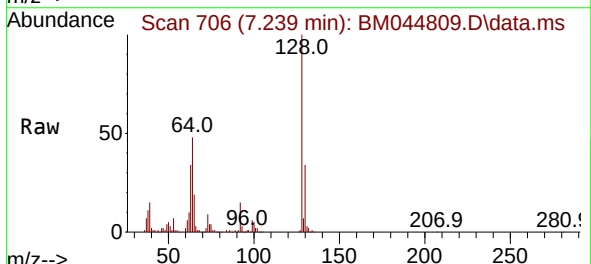
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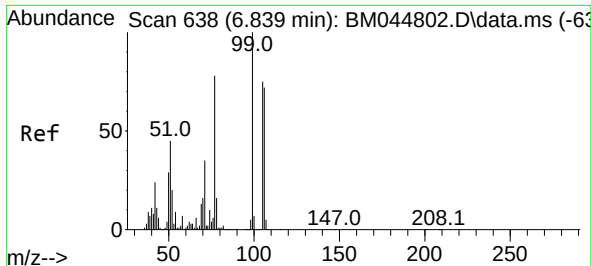
Tgt Ion: 99 Resp: 585629  
Ion Ratio Lower Upper  
99 100  
42 23.5 18.2 27.4  
71 34.5 27.3 40.9



#8  
2-Chlorophenol  
Concen: 39.488 ng  
RT: 7.239 min Scan# 706  
Delta R.T. -0.006 min  
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Tgt Ion:128 Resp: 230485  
Ion Ratio Lower Upper  
128 100  
130 33.6 13.9 53.9  
64 47.9 28.0 68.0

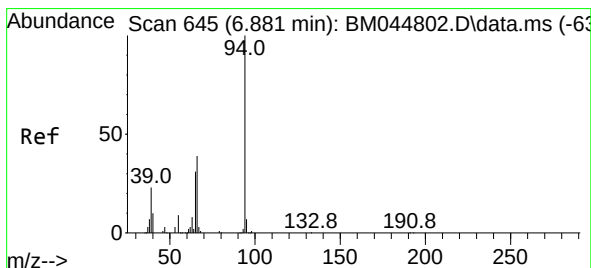
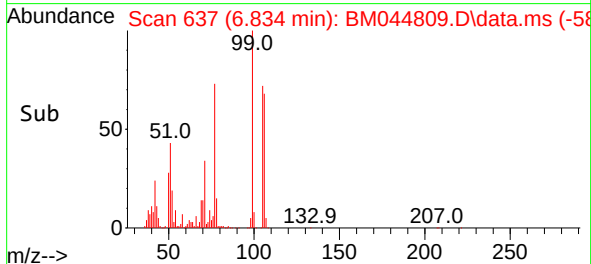
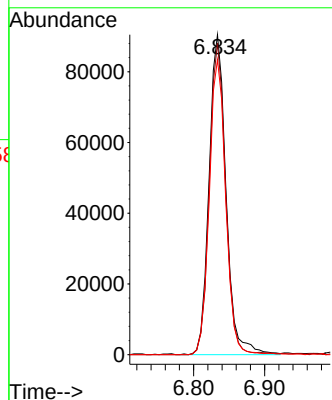
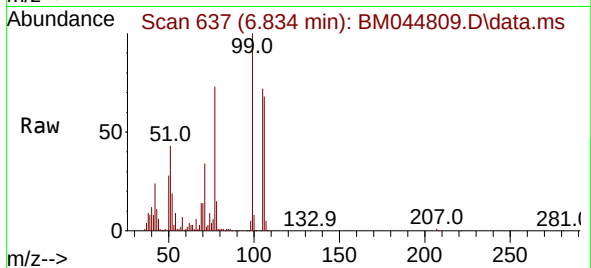




#9  
Benzaldehyde  
Concen: 38.836 ng  
RT: 6.834 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

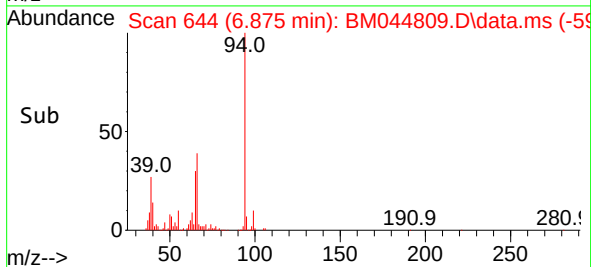
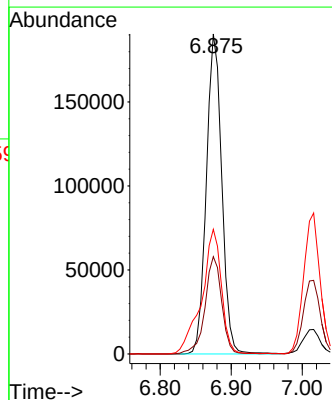
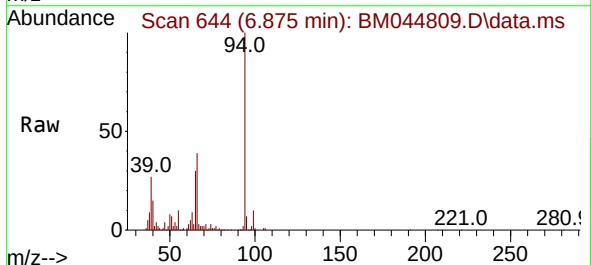
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 150947  
Ion Ratio Lower Upper  
77 100  
105 97.4 75.7 115.7  
106 92.2 71.6 111.6

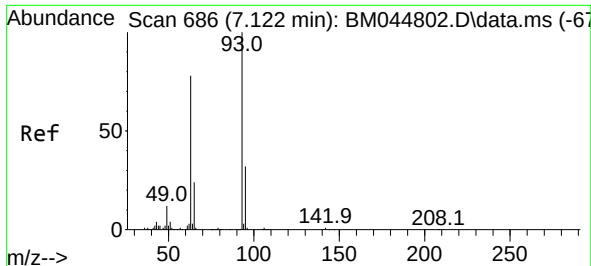


#10  
Phenol  
Concen: 39.037 ng  
RT: 6.875 min Scan# 644  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion: 94 Resp: 288094  
Ion Ratio Lower Upper  
94 100  
65 30.4 11.3 51.3  
66 39.0 20.2 60.2



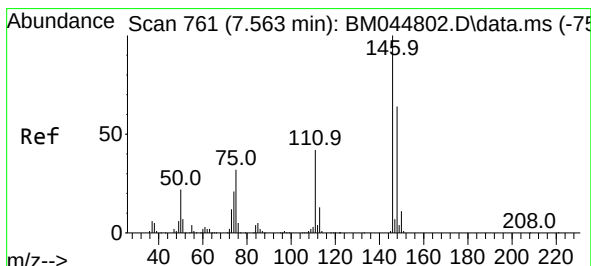
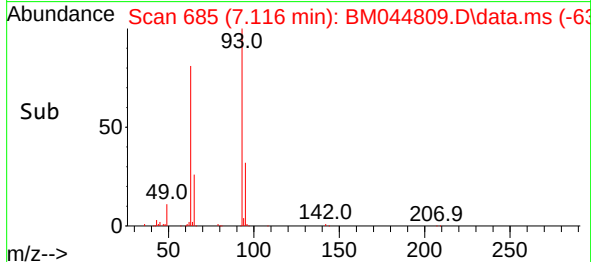
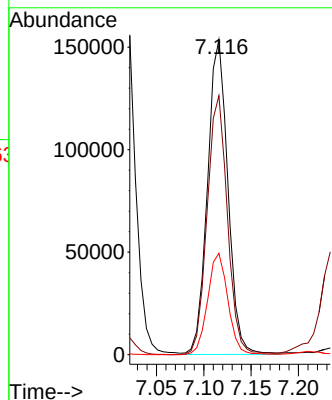
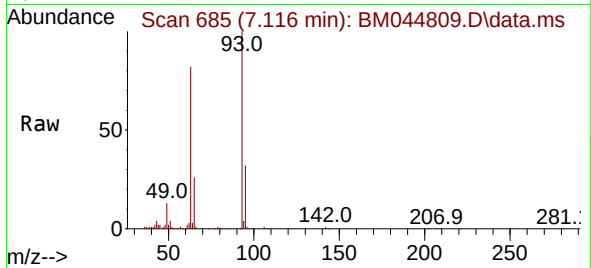




#11  
bis(2-Chloroethyl)ether  
Concen: 39.475 ng  
RT: 7.116 min Scan# 685  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

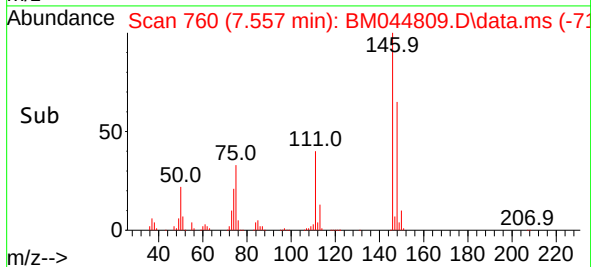
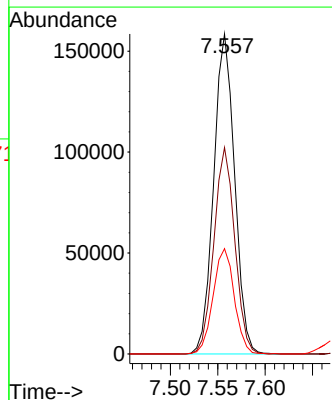
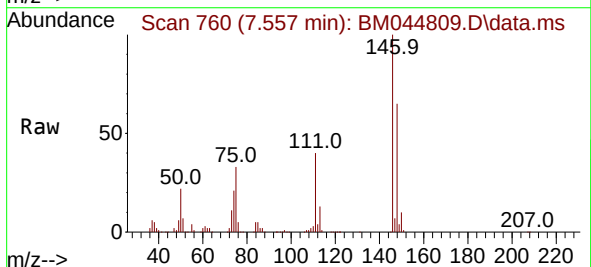
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

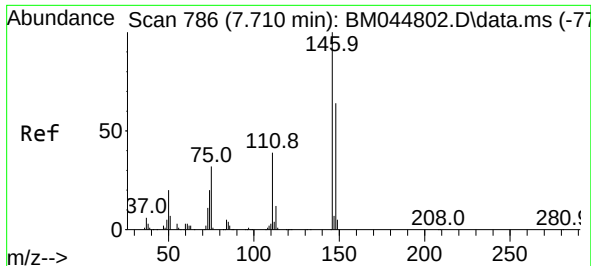
Tgt Ion: 93 Resp: 229329  
Ion Ratio Lower Upper  
93 100  
63 82.2 57.8 97.8  
95 32.2 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 39.892 ng  
RT: 7.557 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:146 Resp: 243259  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.4 77.2  
75 32.9 26.0 39.0

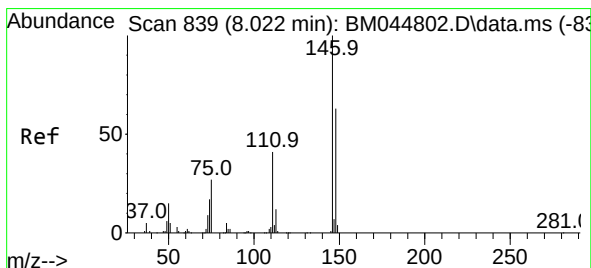
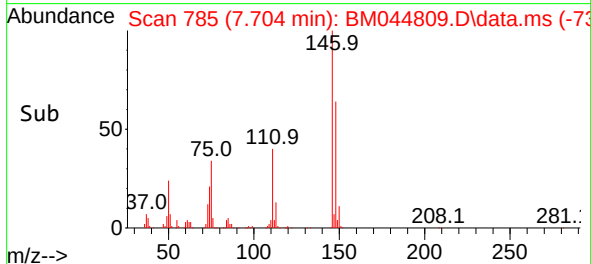
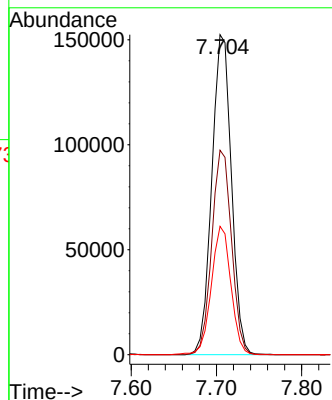
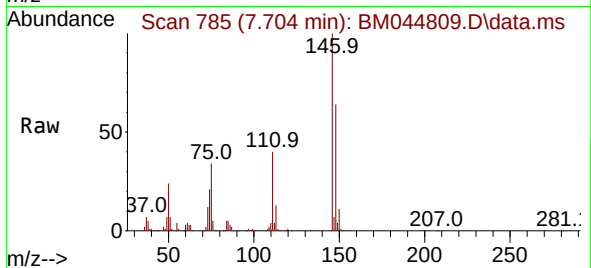




#13  
1,4-Dichlorobenzene  
Concen: 39.269 ng  
RT: 7.704 min Scan# 785  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

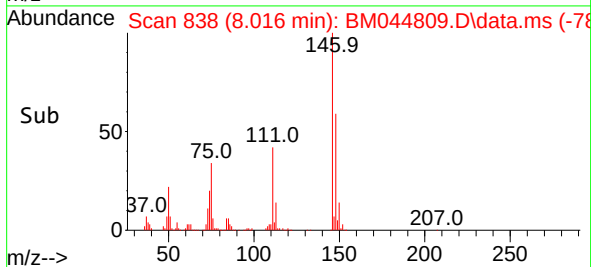
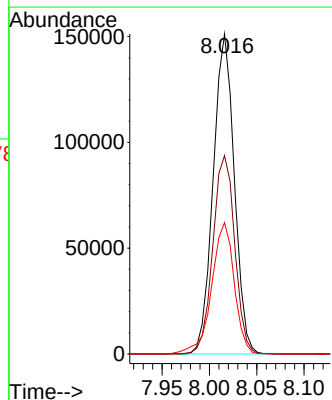
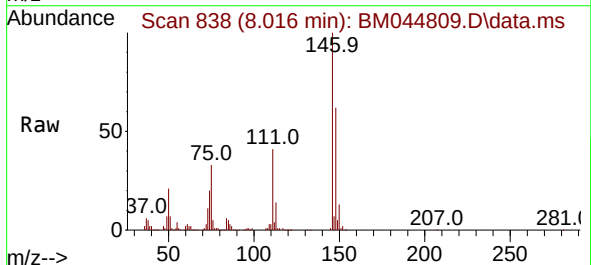
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

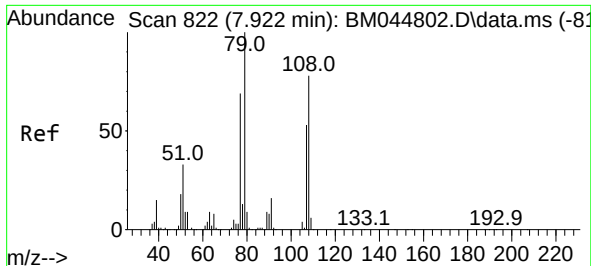
Tgt Ion:146 Resp: 243322  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.4 77.2  
111 40.1 31.4 47.2



#14  
1,2-Dichlorobenzene  
Concen: 39.265 ng  
RT: 8.016 min Scan# 838  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:146 Resp: 234546  
Ion Ratio Lower Upper  
146 100  
148 62.0 50.2 75.2  
111 41.1 33.7 50.5

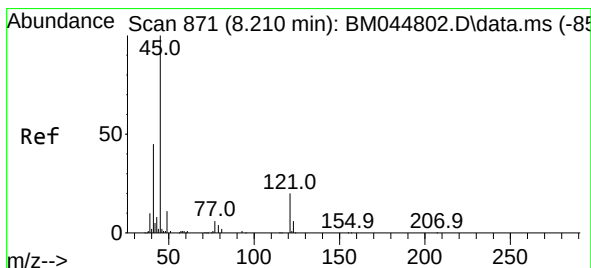
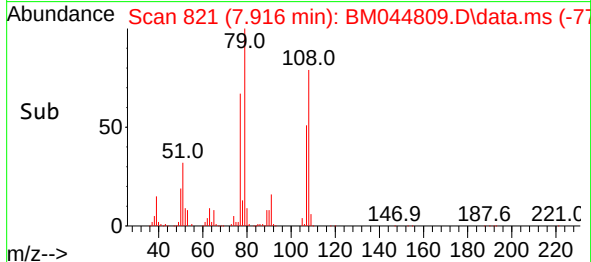
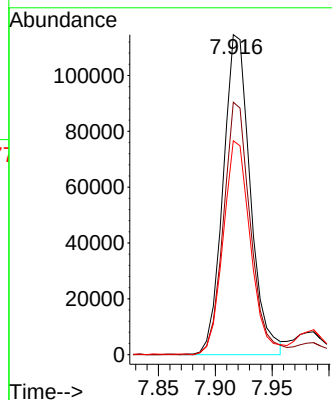
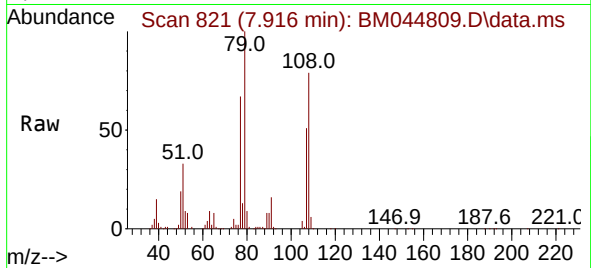




#15  
Benzyl Alcohol  
Concen: 37.274 ng  
RT: 7.916 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

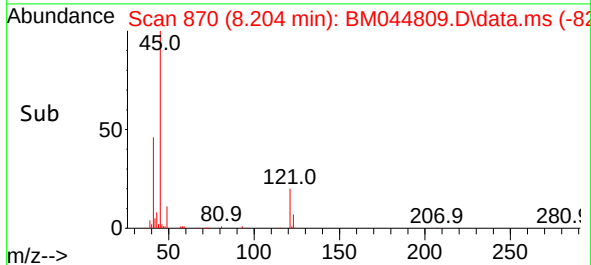
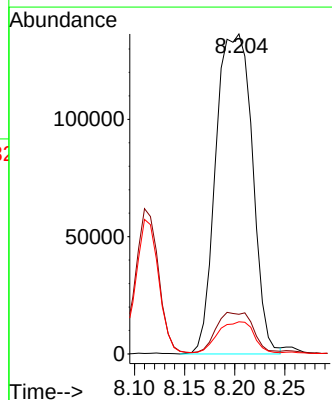
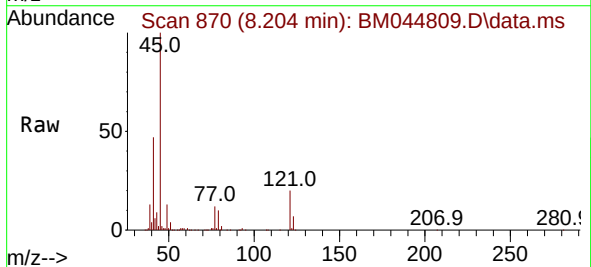
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

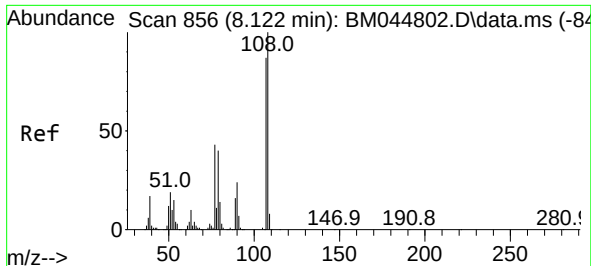
Tgt Ion: 79 Resp: 190795  
Ion Ratio Lower Upper  
79 100  
108 78.9 62.2 93.2  
77 66.8 55.1 82.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.227 ng  
RT: 8.204 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion: 45 Resp: 344184  
Ion Ratio Lower Upper  
45 100  
77 12.4 0.0 33.0  
79 10.1 0.0 30.4

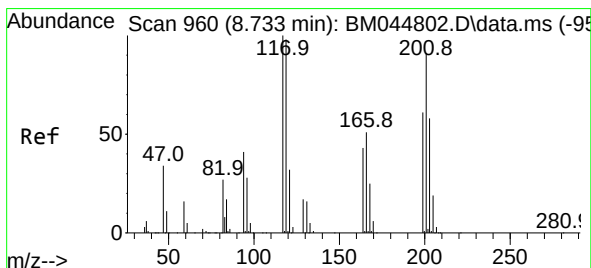
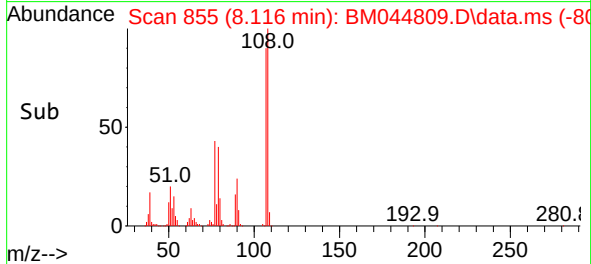
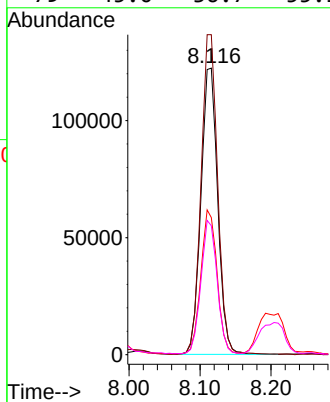
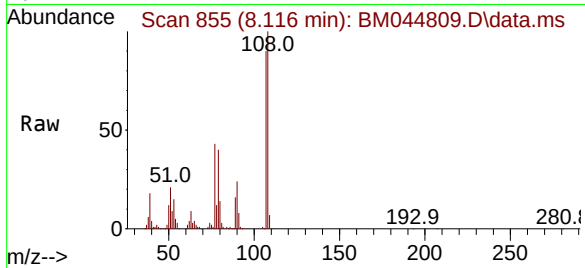




#17  
2-Methylphenol  
Concen: 38.553 ng  
RT: 8.116 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

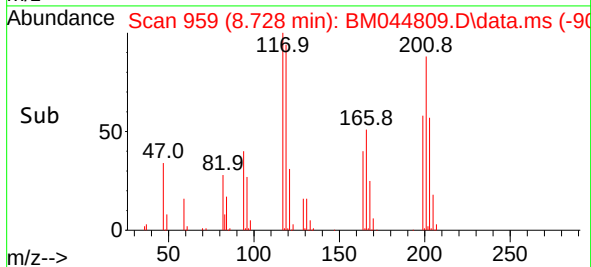
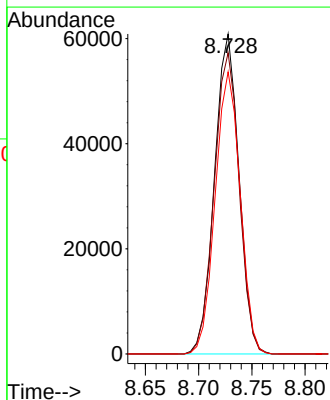
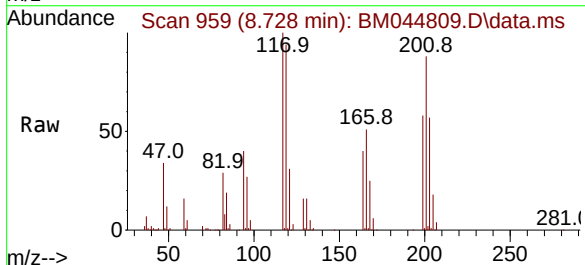
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

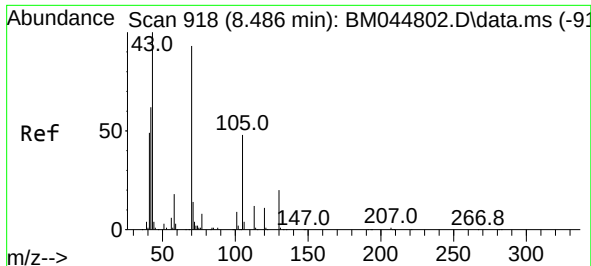
Tgt Ion:107 Resp: 200856  
Ion Ratio Lower Upper  
107 100  
108 111.7 91.5 137.3  
77 47.9 39.1 58.7  
79 45.0 36.7 55.1



#18  
Hexachloroethane  
Concen: 40.250 ng  
RT: 8.728 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:117 Resp: 97234  
Ion Ratio Lower Upper  
117 100  
119 94.1 78.6 118.0  
201 88.2 72.7 109.1





#19

n-Nitroso-di-n-propylamine

Concen: 37.928 ng

RT: 8.481 min Scan# 910

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 171555

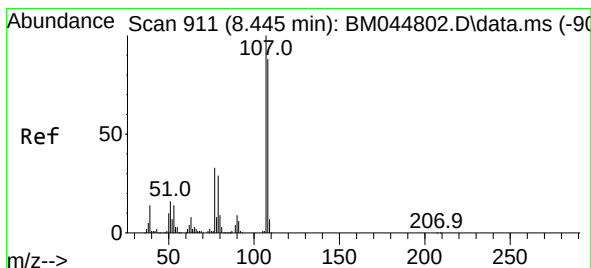
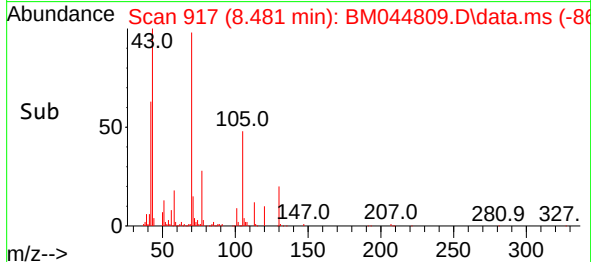
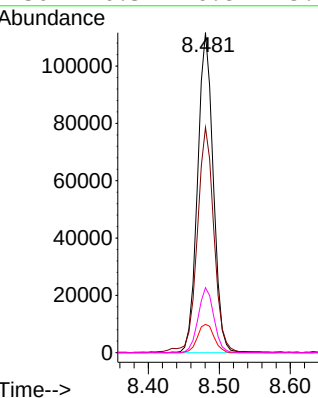
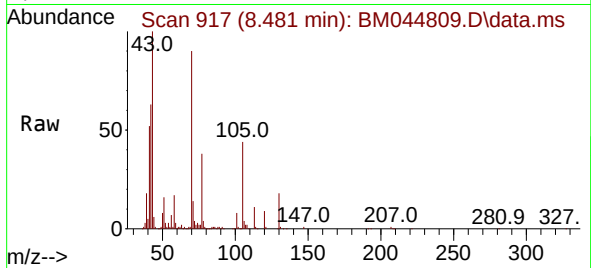
Ion Ratio Lower Upper

70 100

42 70.4 53.6 80.4

101 8.9 7.5 11.3

130 20.3 16.8 25.2



#20

3+4-Methylphenols

Concen: 38.181 ng

RT: 8.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Tgt Ion: 107 Resp: 268804

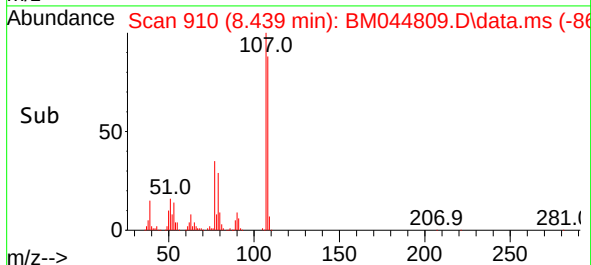
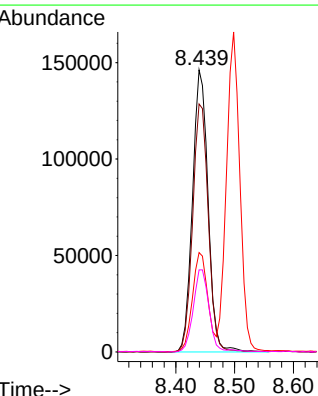
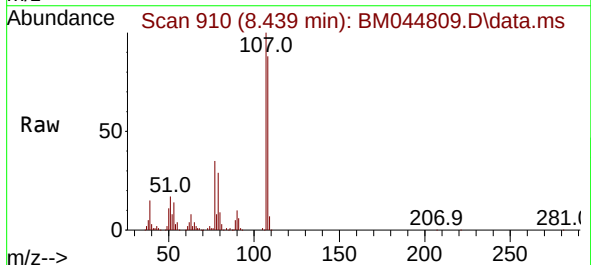
Ion Ratio Lower Upper

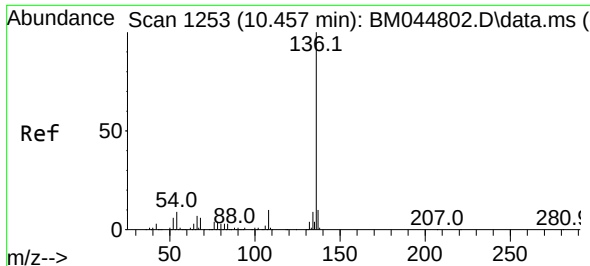
107 100

108 87.9 68.1 108.1

77 35.2 13.4 53.4

79 29.1 9.0 49.0

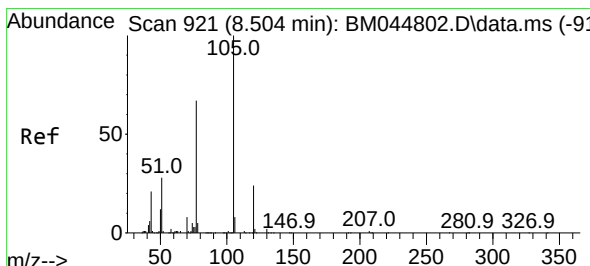
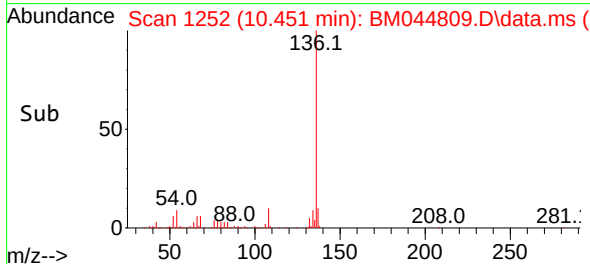
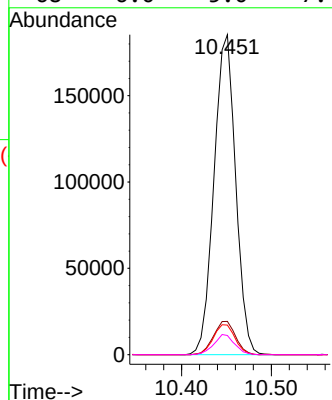
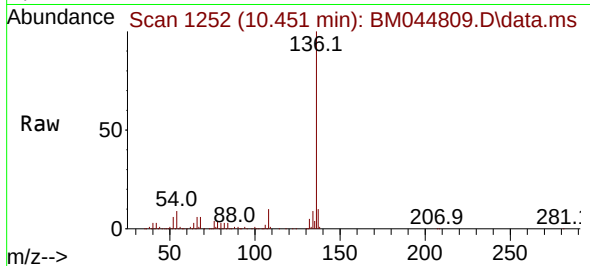




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

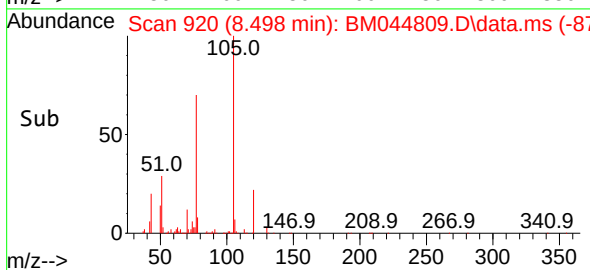
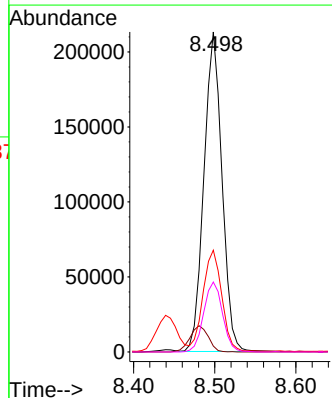
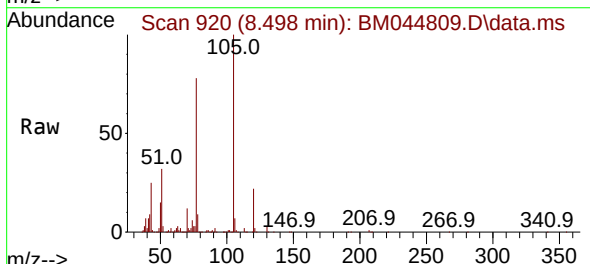
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

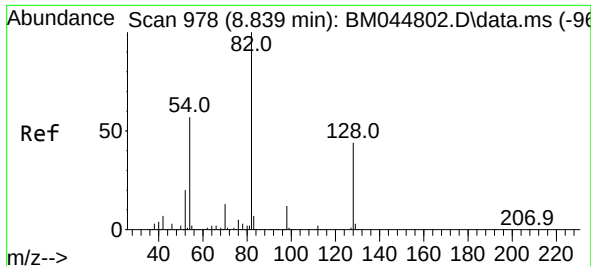
Tgt Ion:136 Resp: 310578  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.4 12.6  
54 9.2 7.3 10.9  
68 6.0 5.0 7.4



#22  
Acetophenone  
Concen: 39.025 ng  
RT: 8.498 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:105 Resp: 328716  
Ion Ratio Lower Upper  
105 100  
71 1.9 1.6 2.4  
51 31.8 25.9 38.9  
120 21.8 18.8 28.2

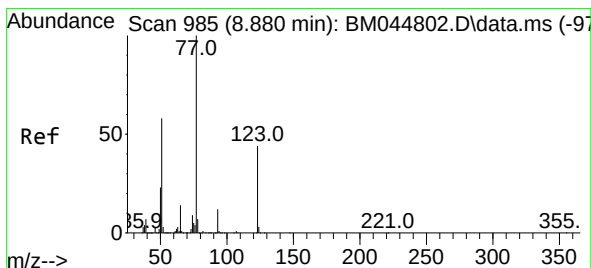
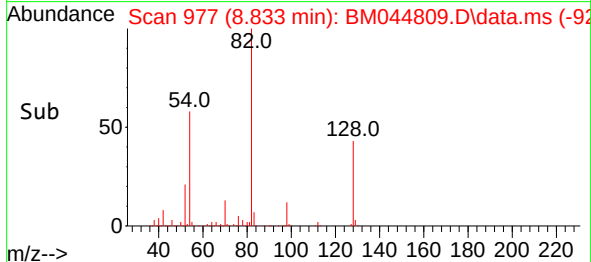
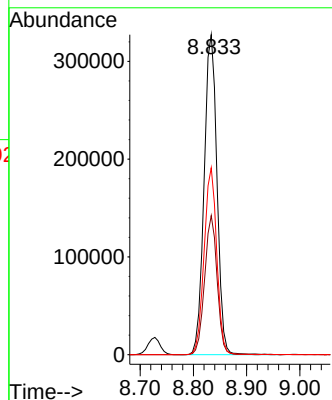
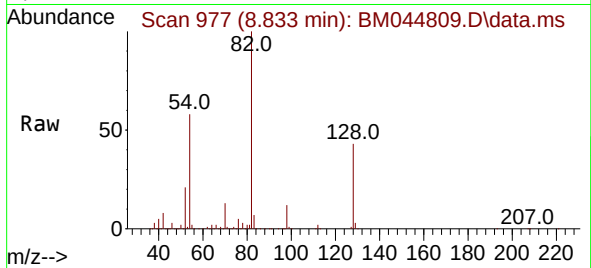




#23  
Nitrobenzene-d5  
Concen: 79.502 ng  
RT: 8.833 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

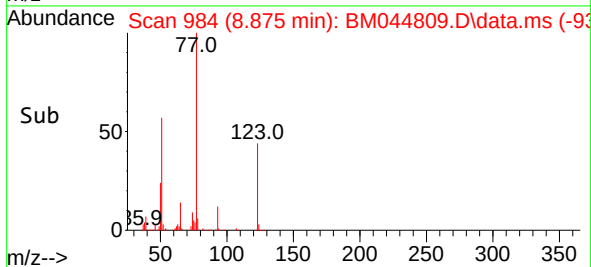
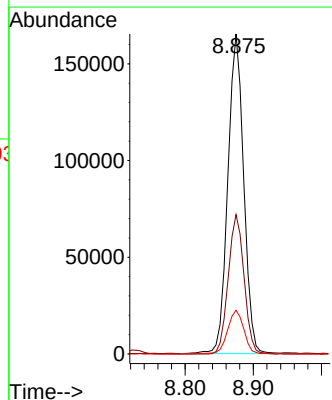
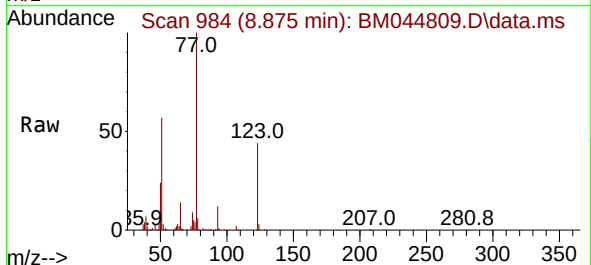
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

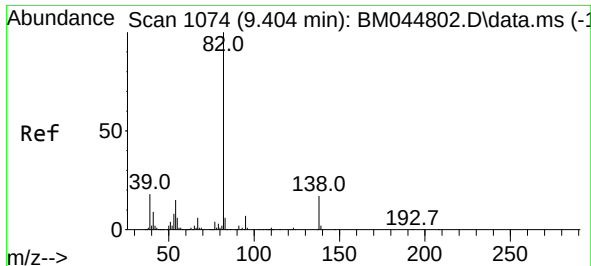
Tgt Ion: 82 Resp: 547726  
Ion Ratio Lower Upper  
82 100  
128 43.4 34.8 52.2  
54 58.4 45.4 68.0



#24  
Nitrobenzene  
Concen: 39.789 ng  
RT: 8.875 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion: 77 Resp: 267783  
Ion Ratio Lower Upper  
77 100  
123 43.6 35.1 52.7  
65 13.7 11.4 17.2





#25

Isophorone

Concen: 39.283 ng

RT: 9.398 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

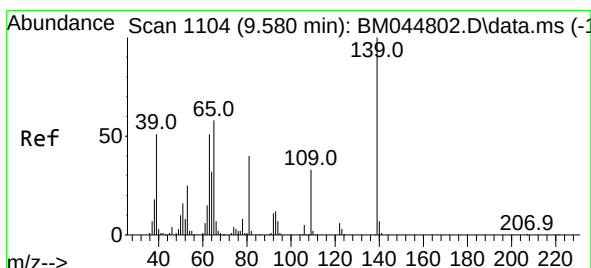
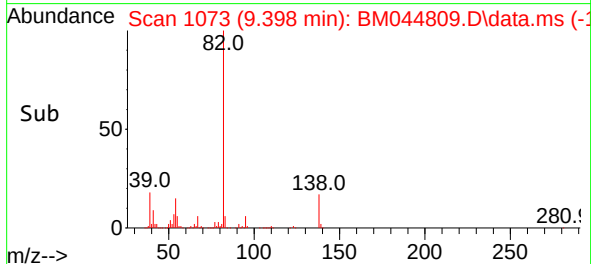
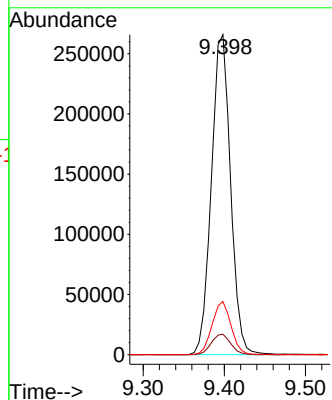
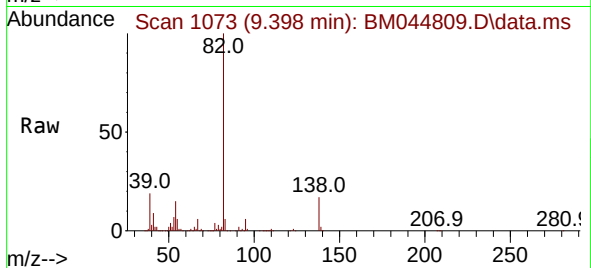
Tgt Ion: 82 Resp: 436409

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 16.6 13.6 20.4



#26

2-Nitrophenol

Concen: 39.718 ng

RT: 9.575 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

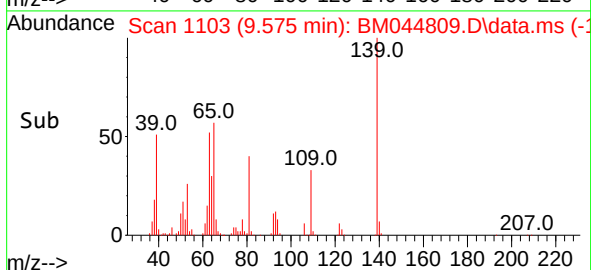
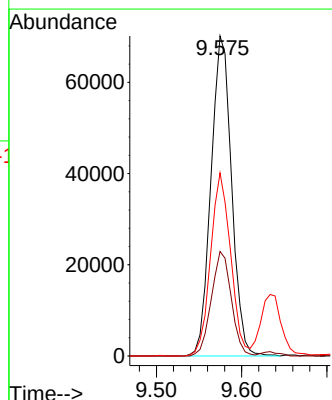
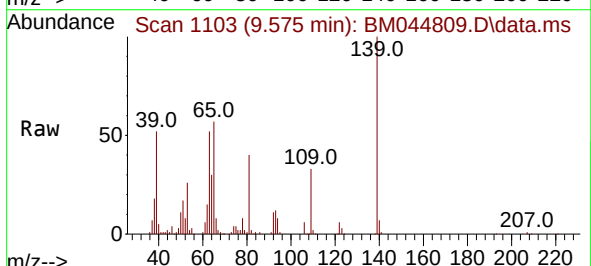
Tgt Ion:139 Resp: 117826

Ion Ratio Lower Upper

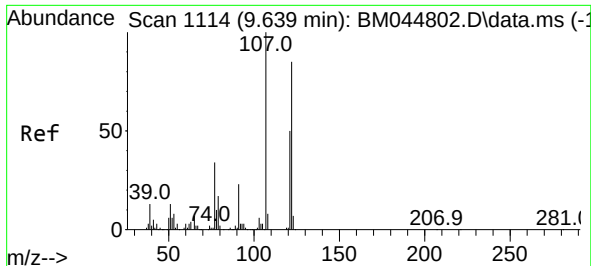
139 100

109 32.7 26.7 40.1

65 57.2 46.8 70.2







#27

2,4-Dimethylphenol

Concen: 39.368 ng

RT: 9.633 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

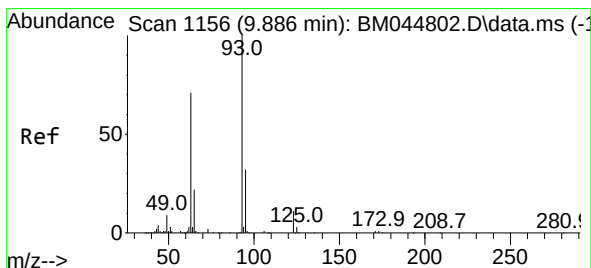
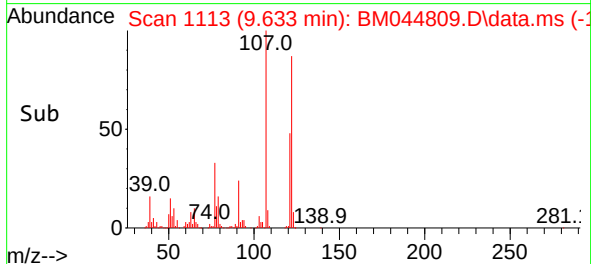
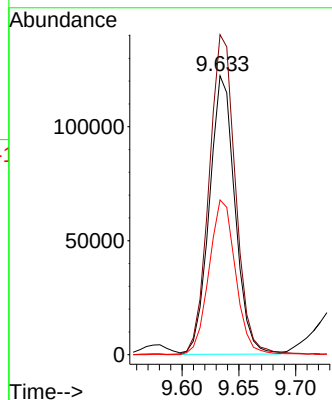
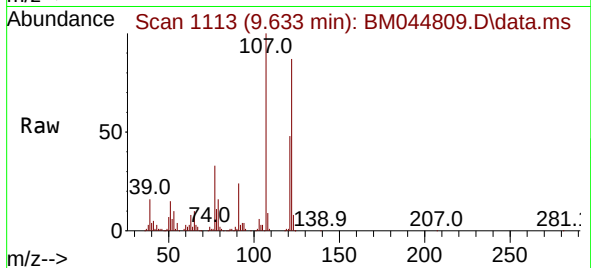
Tgt Ion:122 Resp: 191741

Ion Ratio Lower Upper

122 100

107 114.7 93.3 139.9

121 55.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.662 ng

RT: 9.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

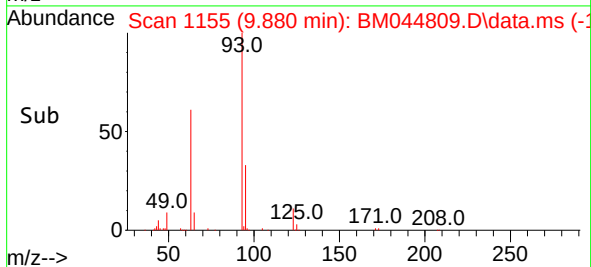
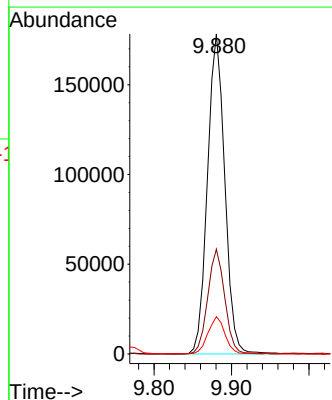
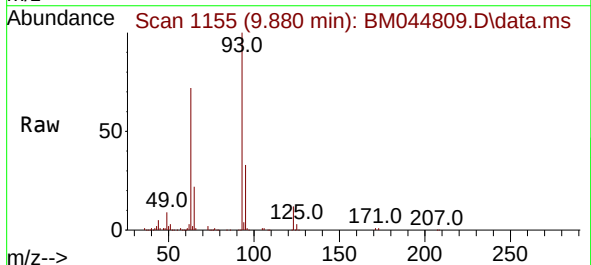
Tgt Ion: 93 Resp: 276998

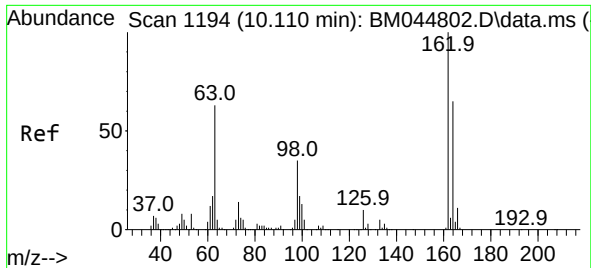
Ion Ratio Lower Upper

93 100

95 32.8 25.4 38.2

123 11.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 40.100 ng

RT: 10.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

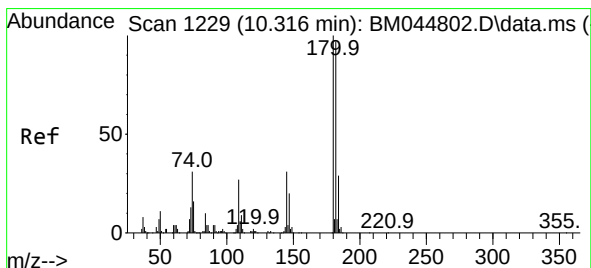
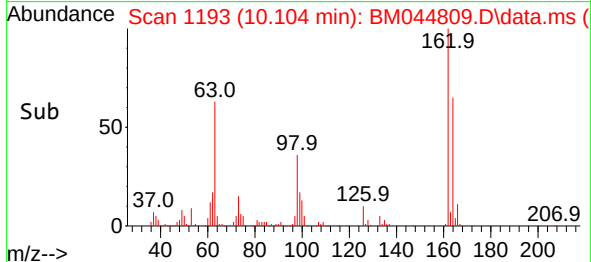
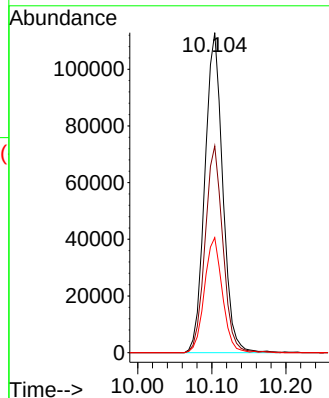
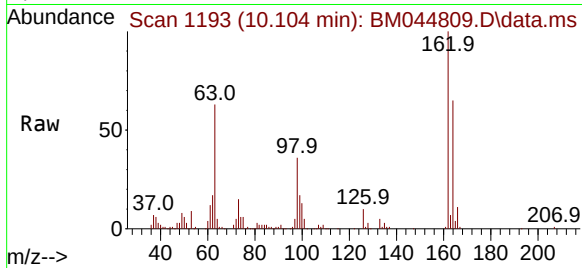
Tgt Ion:162 Resp: 189549

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 35.9 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 40.281 ng

RT: 10.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

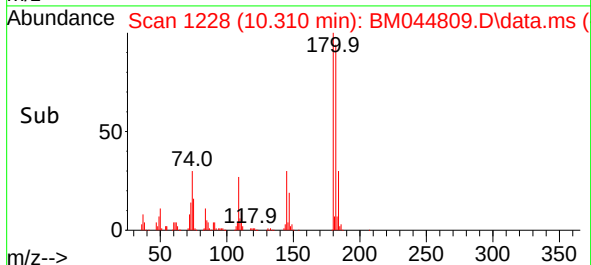
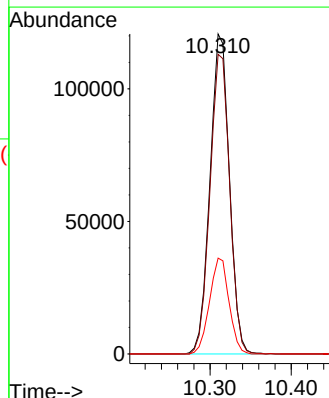
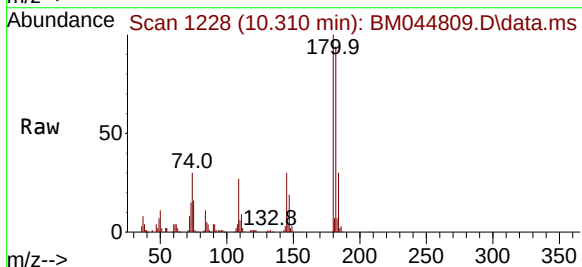
Tgt Ion:180 Resp: 200366

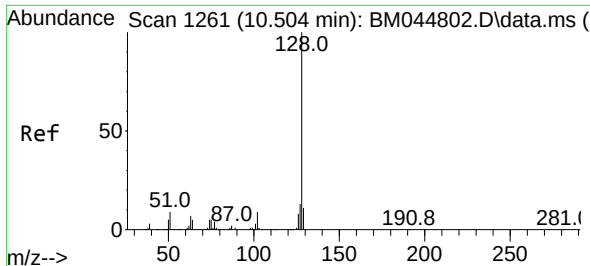
Ion Ratio Lower Upper

180 100

182 93.7 77.2 115.8

145 30.0 25.1 37.7

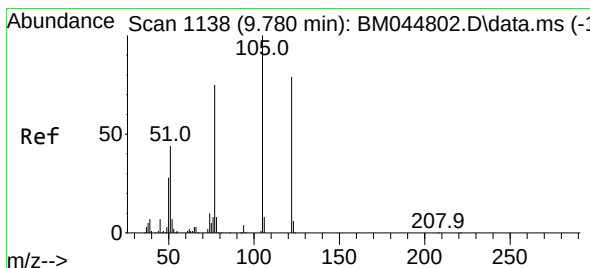
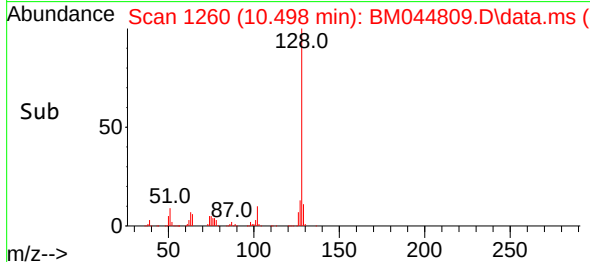
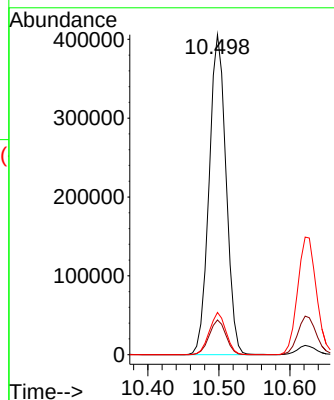
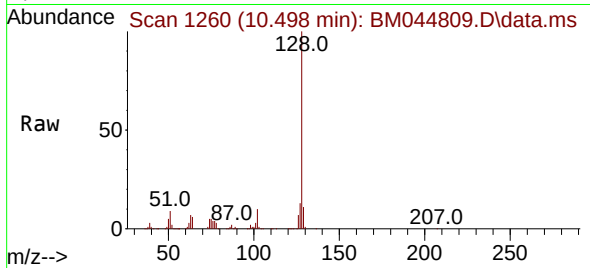




#31  
Naphthalene  
Concen: 39.448 ng  
RT: 10.498 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

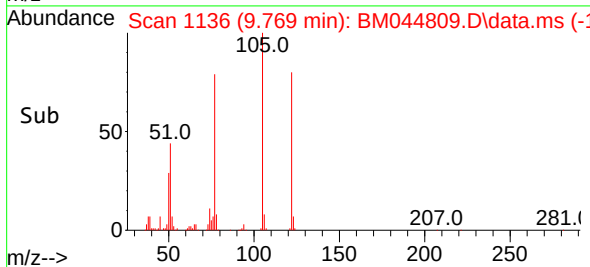
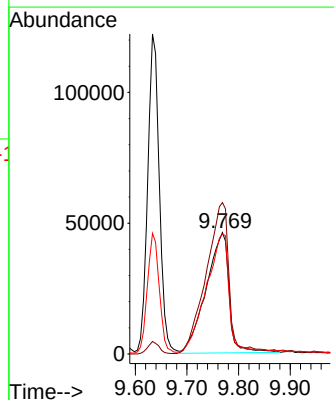
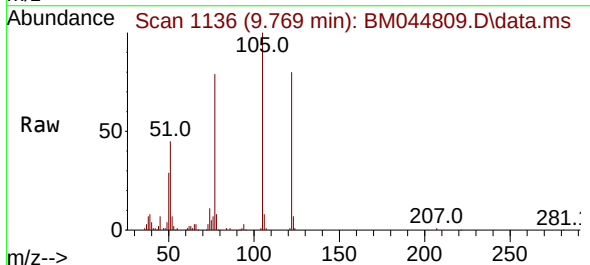
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

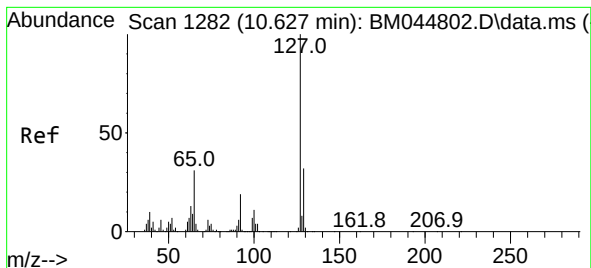
Tgt Ion:128 Resp: 672992  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.2 10.1 15.1



#32  
Benzoic acid  
Concen: 38.817 ng  
RT: 9.769 min Scan# 1136  
Delta R.T. -0.011 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:122 Resp: 141919  
Ion Ratio Lower Upper  
122 100  
105 124.7 105.6 145.6  
77 98.8 75.5 115.5





#33

4-Chloroaniline

Concen: 39.515 ng

RT: 10.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 277851

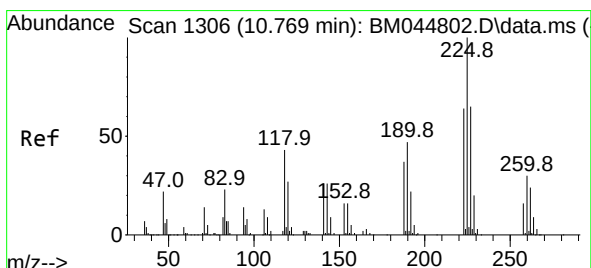
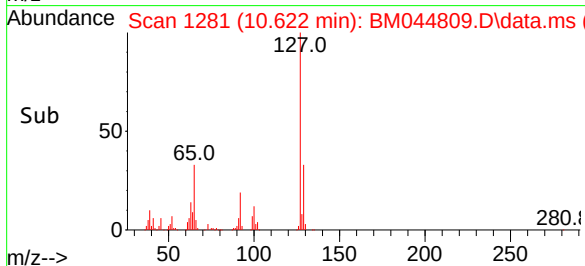
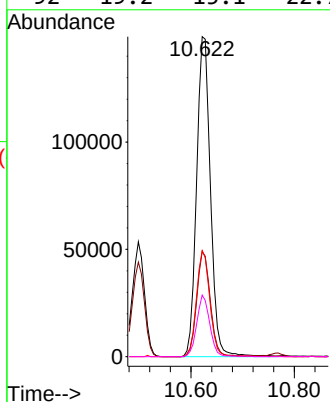
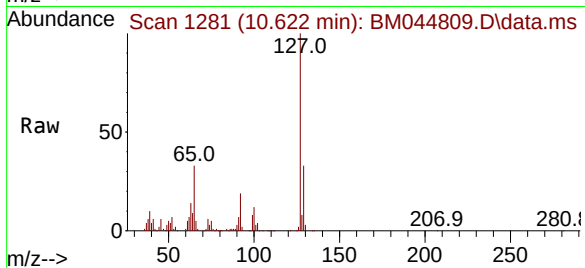
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.8

65 33.2 25.1 37.7

92 19.2 15.1 22.7



#34

Hexachlorobutadiene

Concen: 40.897 ng

RT: 10.769 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

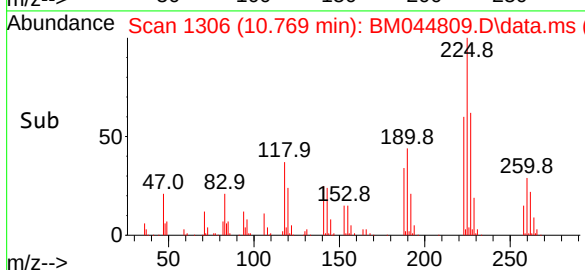
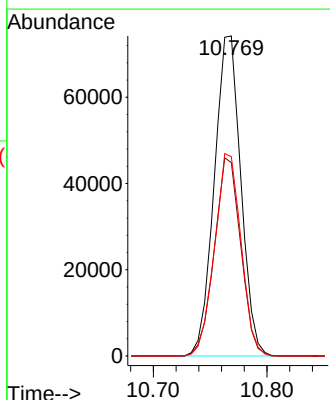
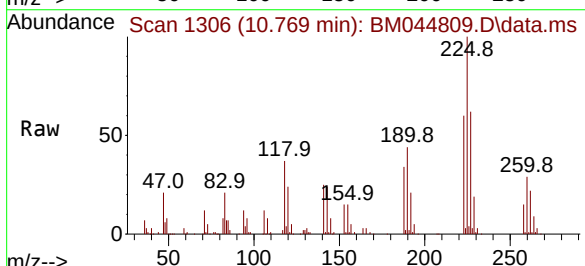
Tgt Ion:225 Resp: 120784

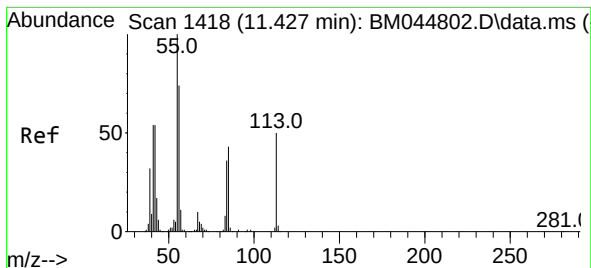
Ion Ratio Lower Upper

225 100

223 60.5 50.9 76.3

227 62.3 51.7 77.5





#35

Caprolactam

Concen: 40.859 ng

RT: 11.422 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

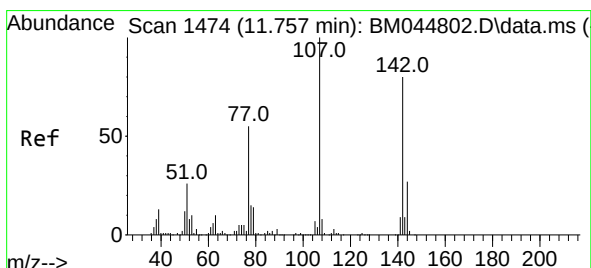
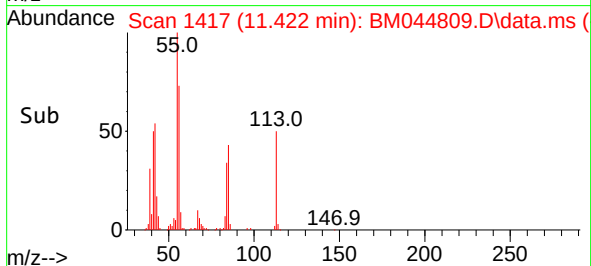
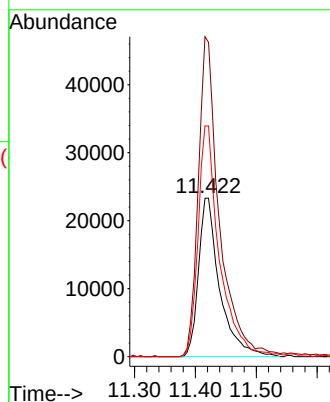
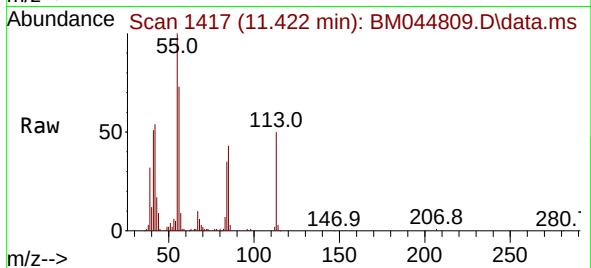
Tgt Ion:113 Resp: 56268

Ion Ratio Lower Upper

113 100

55 198.2 180.8 220.8

56 145.4 127.4 167.4



#36

4-Chloro-3-methylphenol

Concen: 39.111 ng

RT: 11.745 min Scan# 1472

Delta R.T. -0.012 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

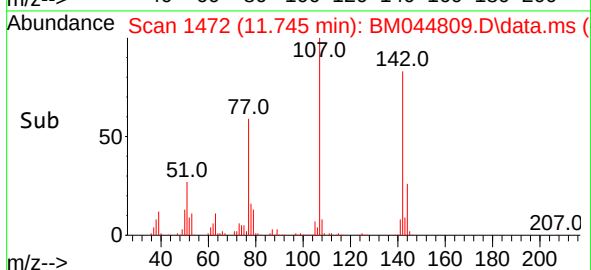
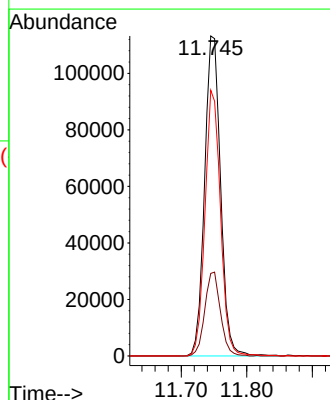
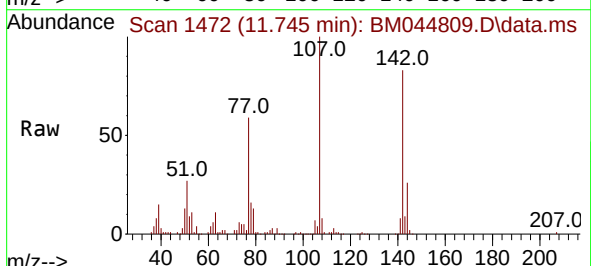
Tgt Ion:107 Resp: 192241

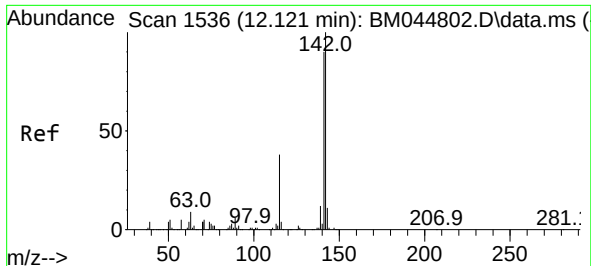
Ion Ratio Lower Upper

107 100

144 25.8 21.6 32.4

142 83.0 63.8 95.8





#37

2-Methylnaphthalene

Concen: 38.798 ng

RT: 12.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

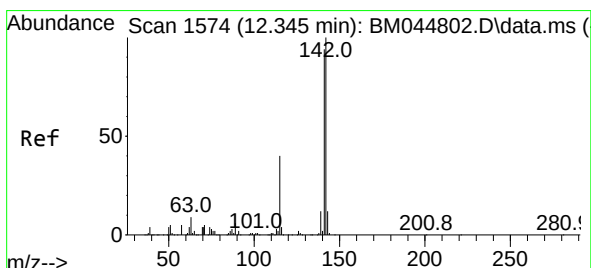
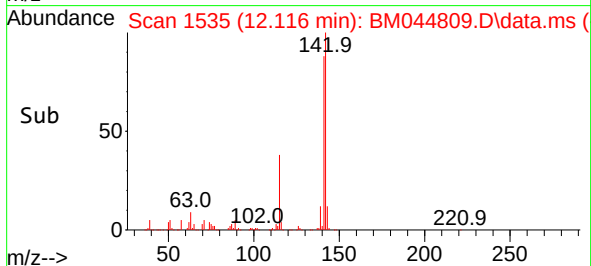
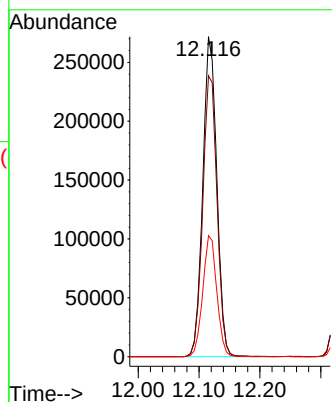
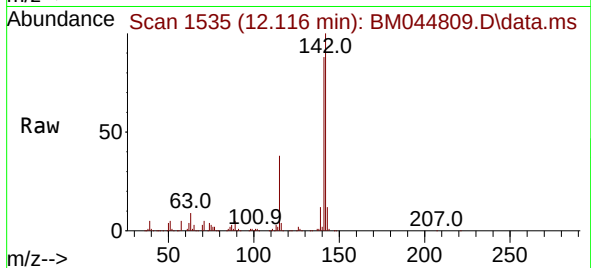
Tgt Ion:142 Resp: 434333

Ion Ratio Lower Upper

142 100

141 87.8 71.7 107.5

115 37.8 30.3 45.5



#38

1-Methylnaphthalene

Concen: 38.552 ng

RT: 12.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

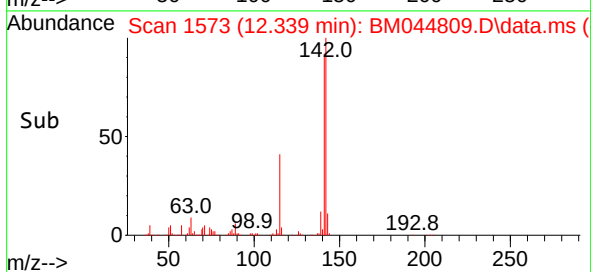
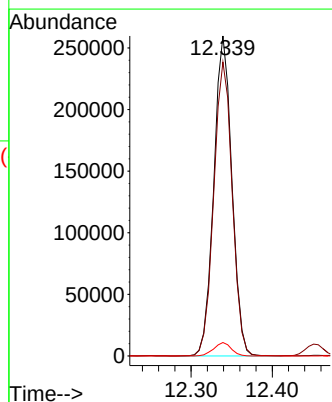
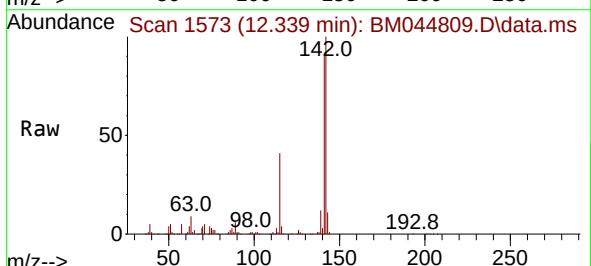
Tgt Ion:142 Resp: 402268

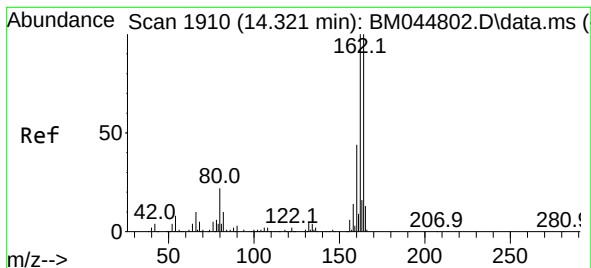
Ion Ratio Lower Upper

142 100

141 91.8 75.6 113.4

116 4.2 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.315 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

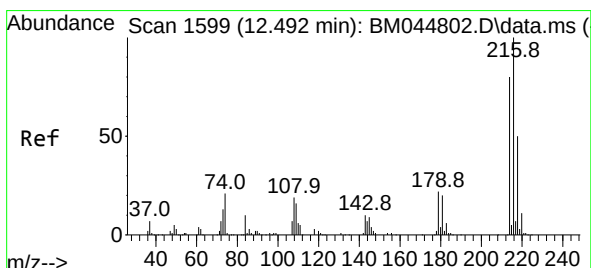
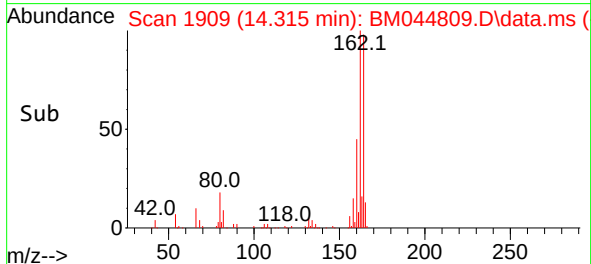
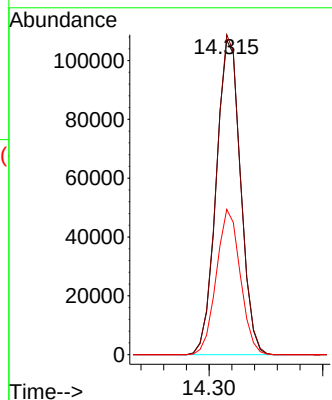
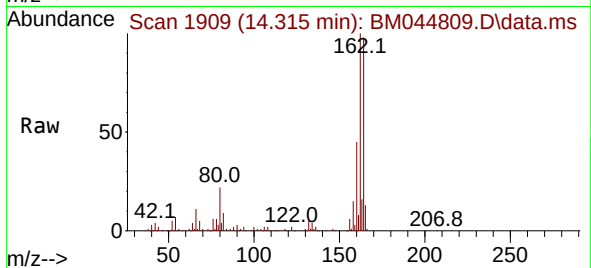
Tgt Ion:164 Resp: 159307

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.4

160 46.2 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.621 ng

RT: 12.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Tgt Ion:216 Resp: 197411

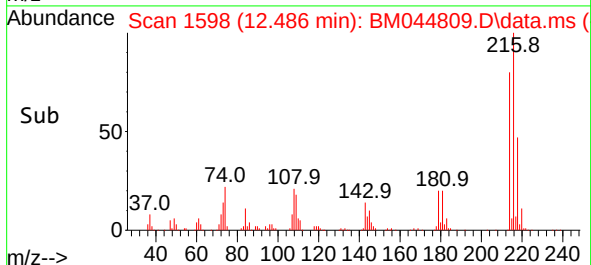
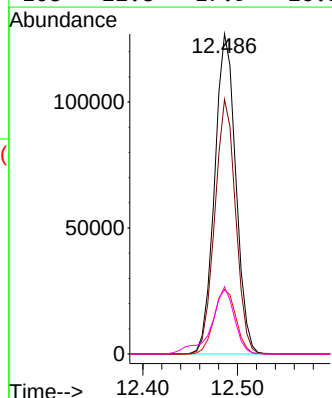
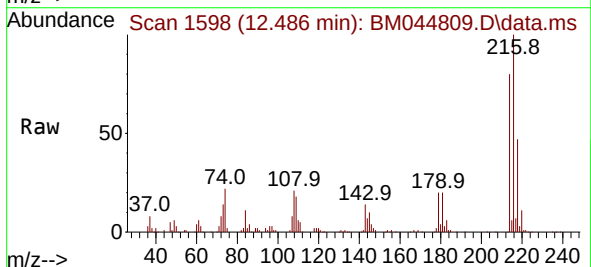
Ion Ratio Lower Upper

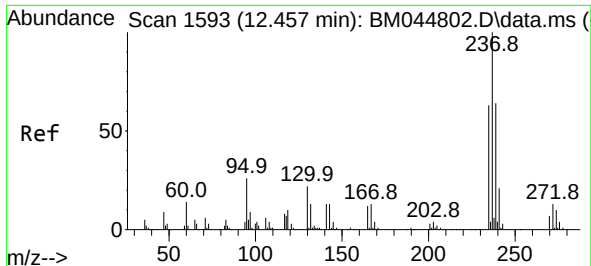
216 100

214 78.2 63.4 95.2

179 20.9 16.8 25.2

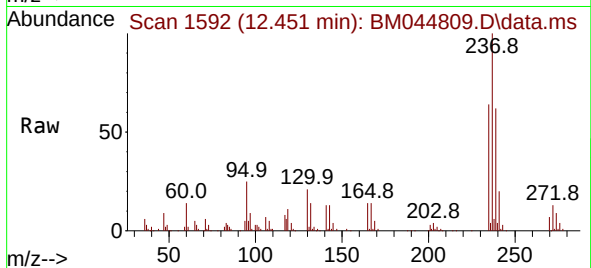
108 22.8 17.9 26.9



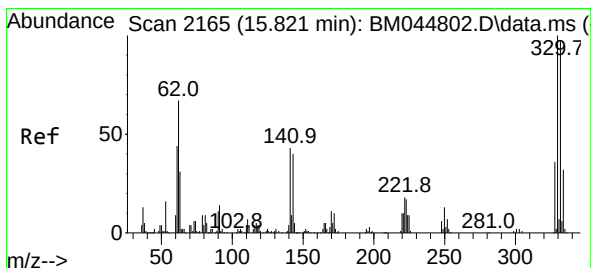
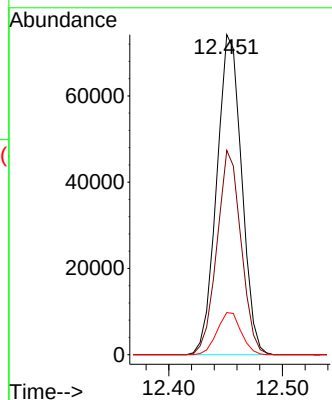
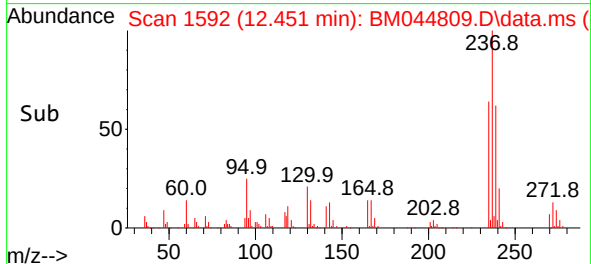


#41  
Hexachlorocyclopentadiene  
Concen: 42.239 ng  
RT: 12.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

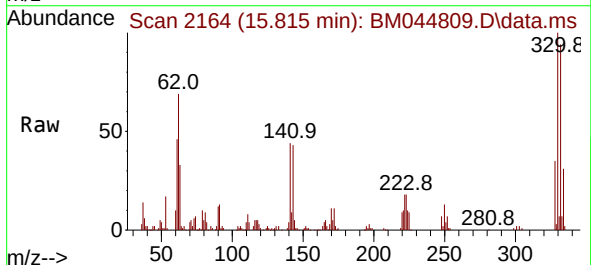
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



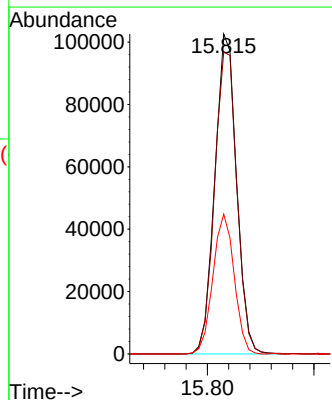
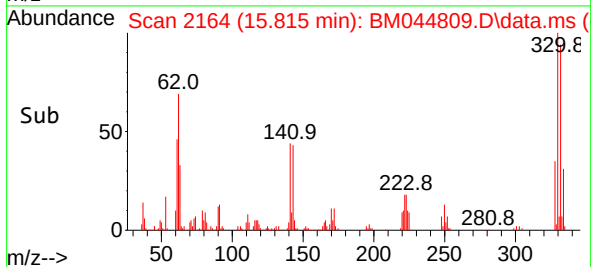
Tgt Ion:237 Resp: 112949  
Ion Ratio Lower Upper  
237 100  
235 63.8 43.3 83.3  
272 13.1 0.0 32.8



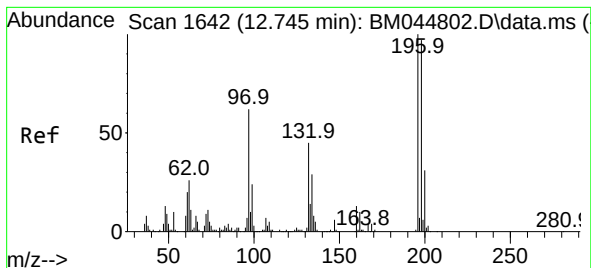
#42  
2,4,6-Tribromophenol  
Concen: 83.462 ng  
RT: 15.815 min Scan# 2164  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04



Tgt Ion:330 Resp: 145293  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.0 115.4  
141 42.8 34.1 51.1







#43

2,4,6-Trichlorophenol

Concen: 39.059 ng

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

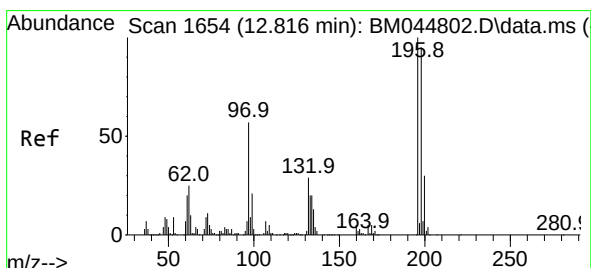
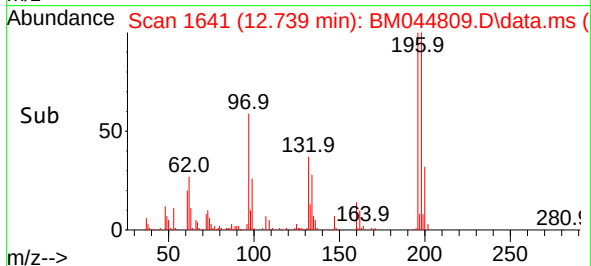
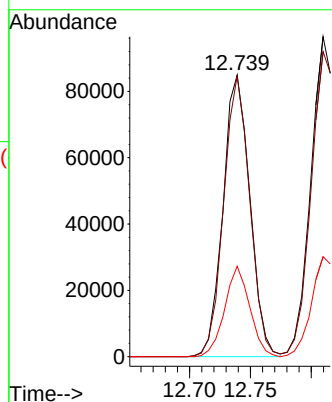
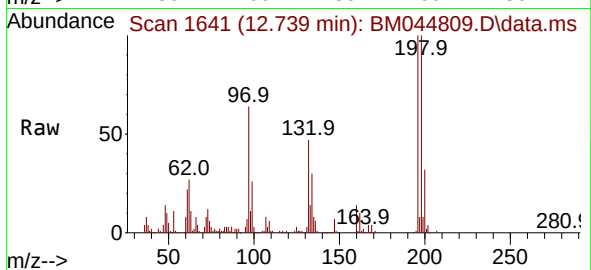
Tgt Ion:196 Resp: 130246

Ion Ratio Lower Upper

196 100

198 99.8 77.3 115.9

200 32.1 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 39.963 ng

RT: 12.810 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Tgt Ion:196 Resp: 153468

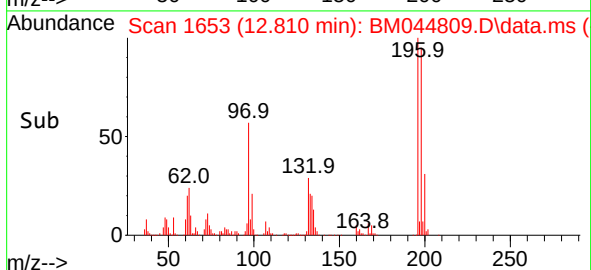
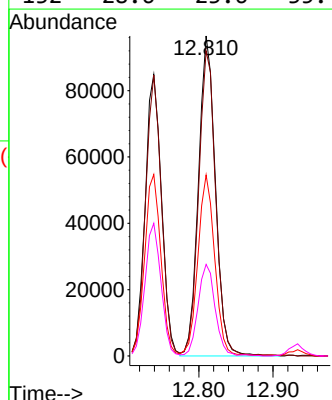
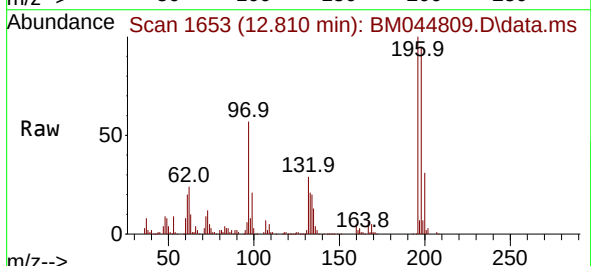
Ion Ratio Lower Upper

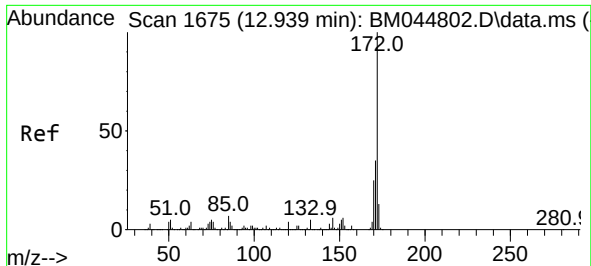
196 100

198 95.4 76.0 114.0

97 56.6 45.5 68.3

132 28.6 23.6 35.4

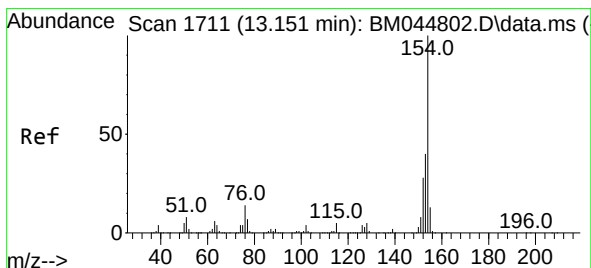
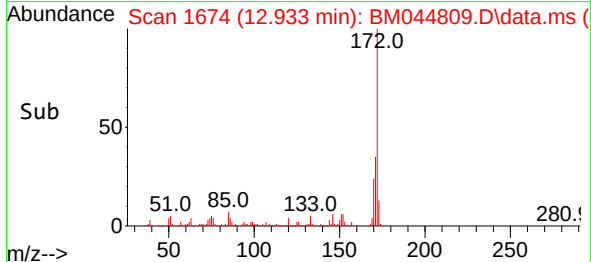
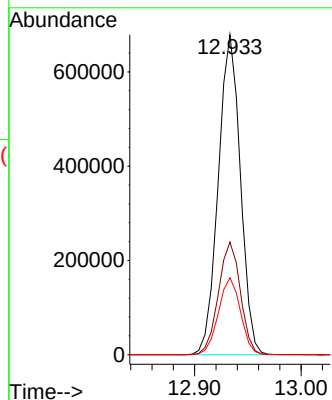
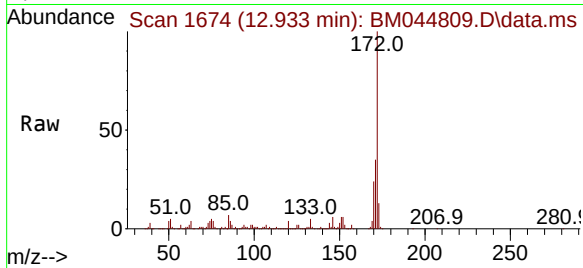




#45  
2-Fluorobiphenyl  
Concen: 78.530 ng  
RT: 12.933 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

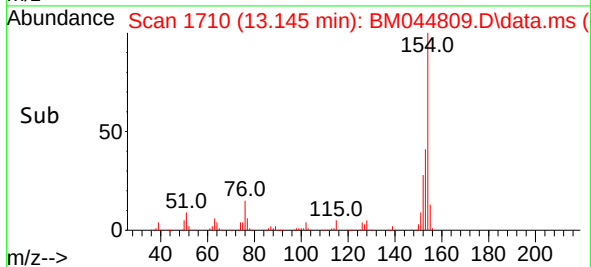
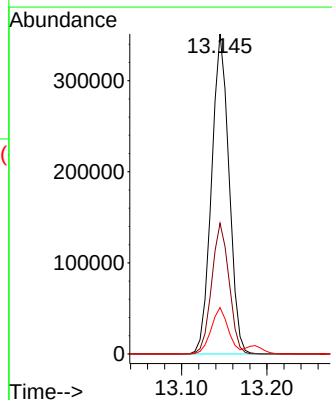
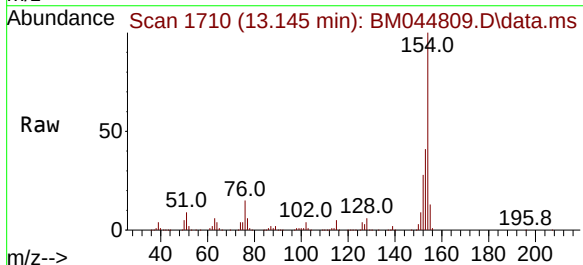
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

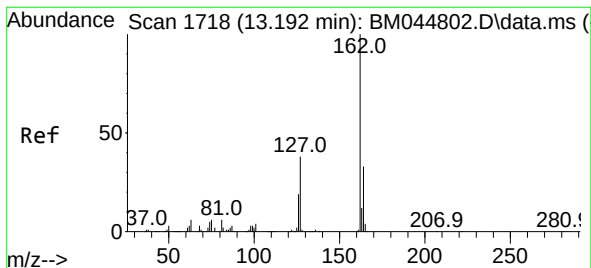
Tgt Ion:172 Resp: 976784  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.8 41.8  
170 24.1 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 38.822 ng  
RT: 13.145 min Scan# 1710  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:154 Resp: 500510  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.1 60.1  
76 14.5 0.0 34.2





#47

2-Chloronaphthalene

Concen: 39.143 ng

RT: 13.186 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

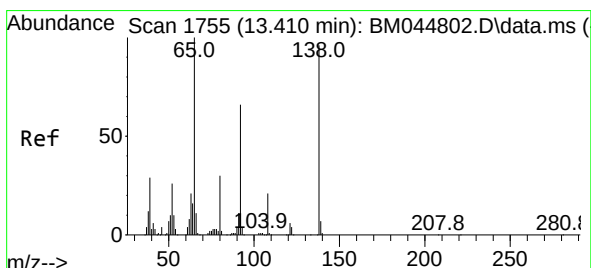
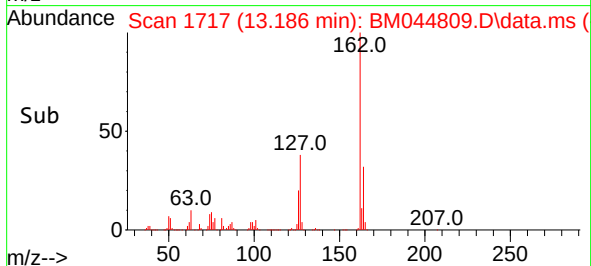
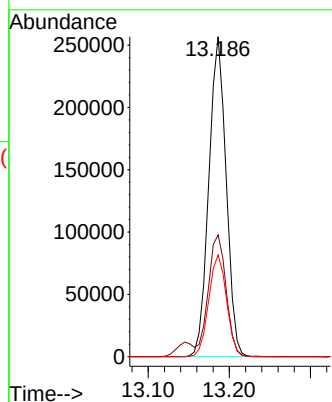
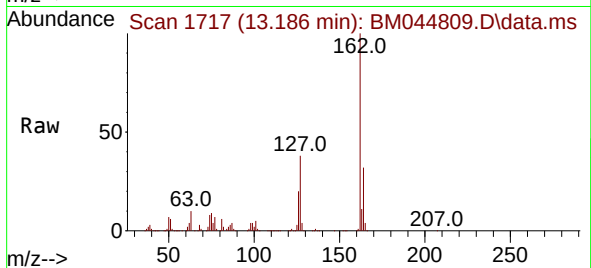
Tgt Ion:162 Resp: 379588

Ion Ratio Lower Upper

162 100

127 38.1 32.6 48.8

164 31.8 26.0 39.0



#48

2-Nitroaniline

Concen: 40.546 ng

RT: 13.410 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

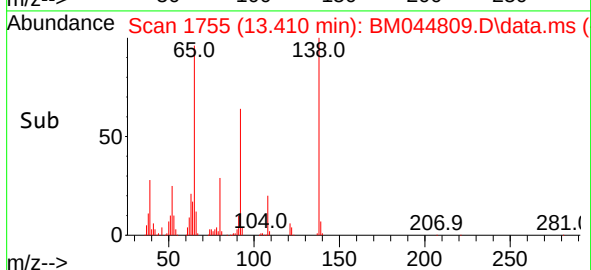
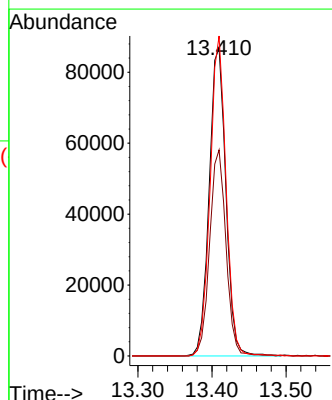
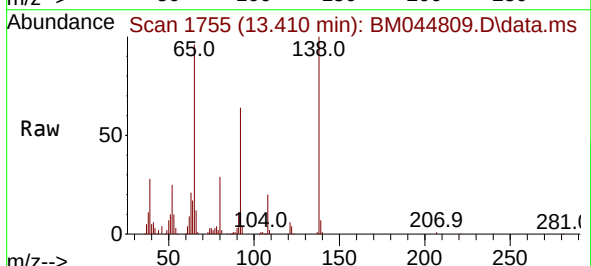
Tgt Ion: 65 Resp: 136192

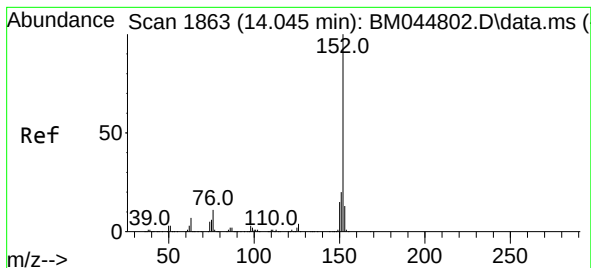
Ion Ratio Lower Upper

65 100

92 66.9 52.4 78.6

138 104.0 76.9 115.3





#49

Acenaphthylene

Concen: 39.378 ng

RT: 14.039 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

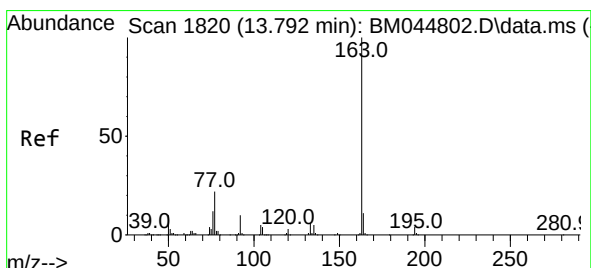
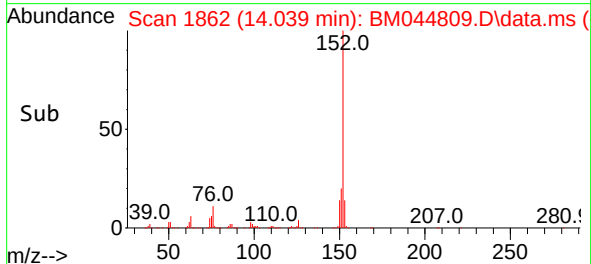
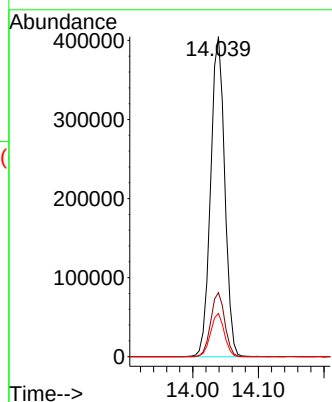
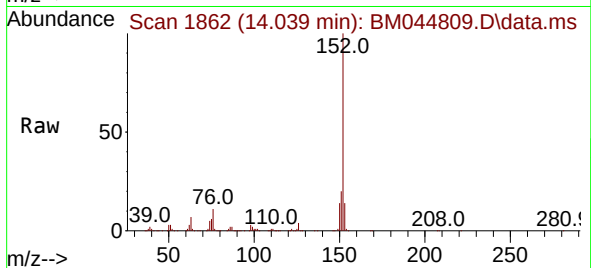
Tgt Ion:152 Resp: 605250

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.5 10.2 15.2



#50

Dimethylphthalate

Concen: 40.159 ng

RT: 13.792 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

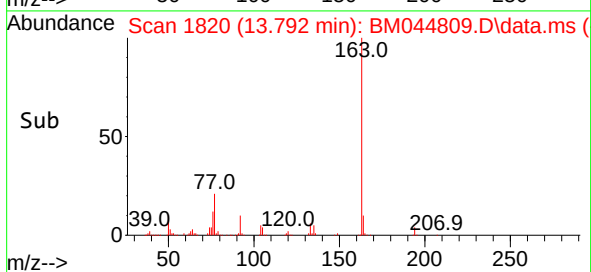
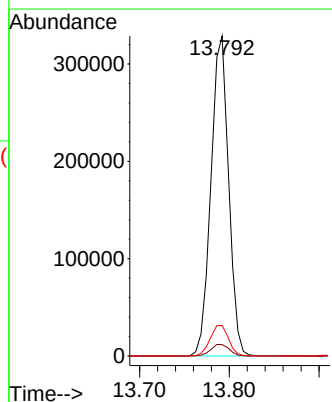
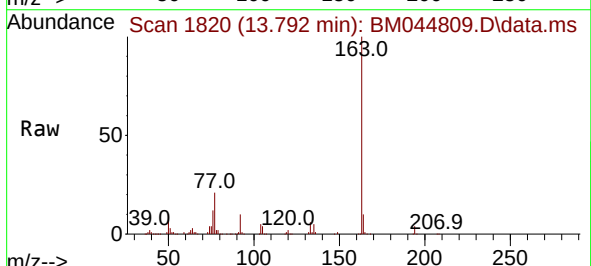
Tgt Ion:163 Resp: 449857

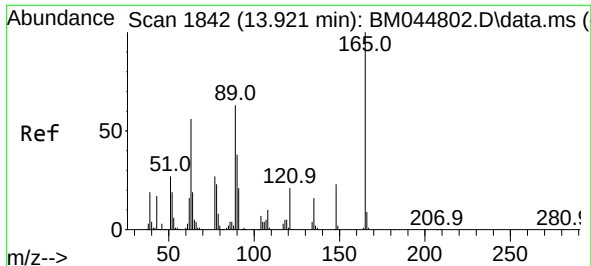
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 9.5 8.5 12.7

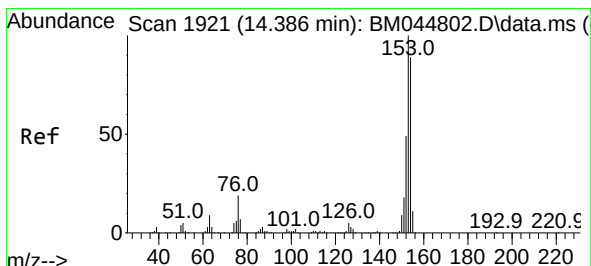
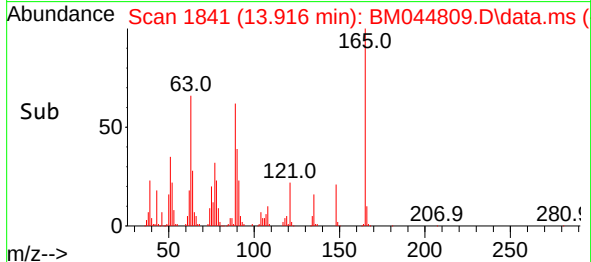
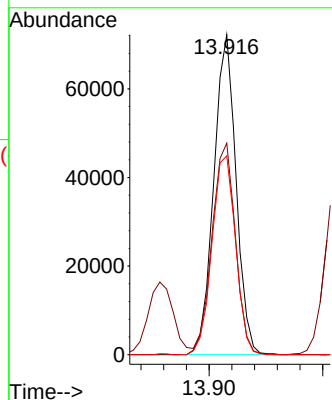
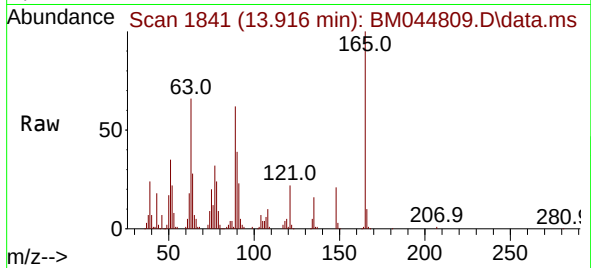




#51  
2,6-Dinitrotoluene  
Concen: 40.485 ng  
RT: 13.916 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

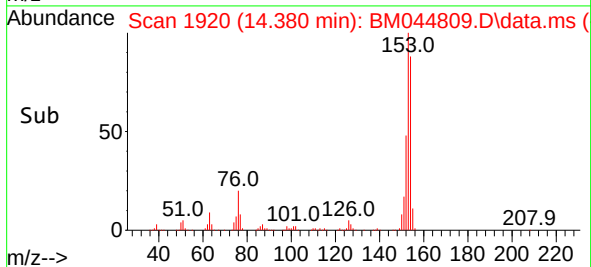
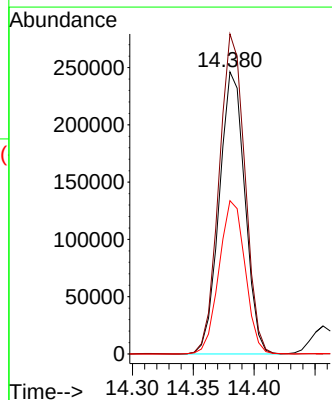
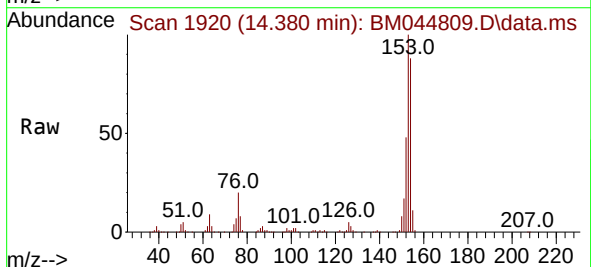
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

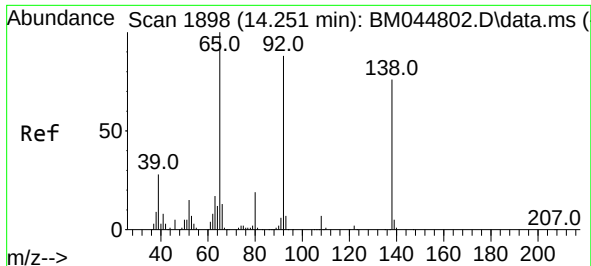
Tgt Ion:165 Resp: 98283  
Ion Ratio Lower Upper  
165 100  
63 66.1 53.8 80.6  
89 62.2 50.4 75.6



#52  
Acenaphthene  
Concen: 39.602 ng  
RT: 14.380 min Scan# 1920  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:154 Resp: 360095  
Ion Ratio Lower Upper  
154 100  
153 113.5 90.2 135.2  
152 54.4 44.2 66.4

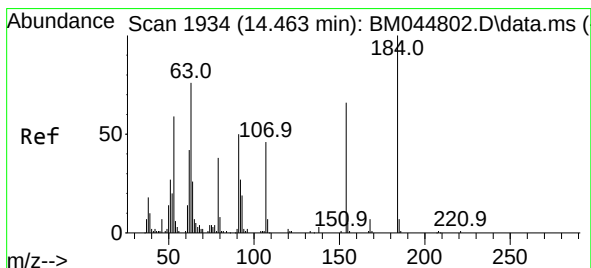
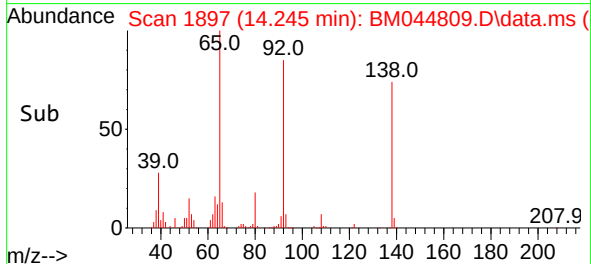
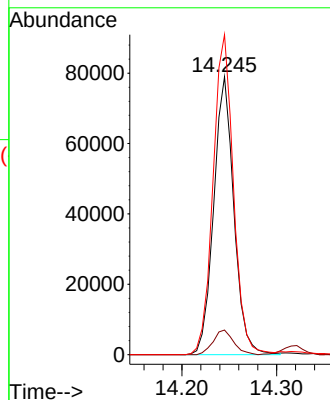
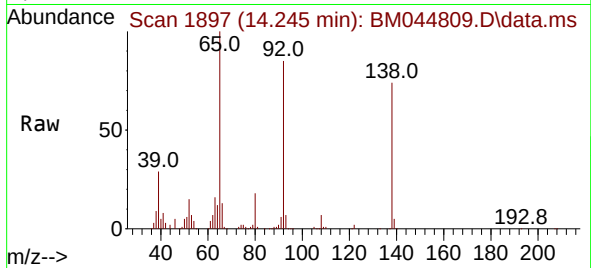




#53  
3-Nitroaniline  
Concen: 42.258 ng  
RT: 14.245 min Scan# 1898  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

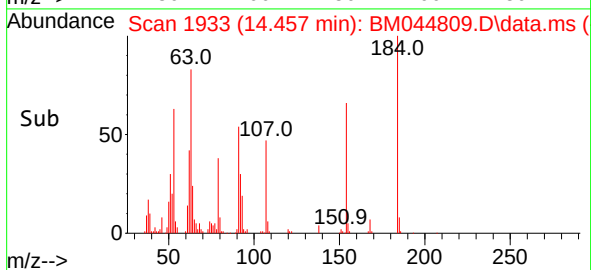
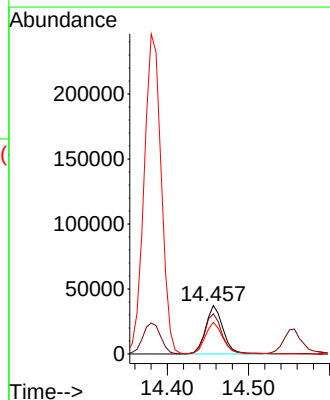
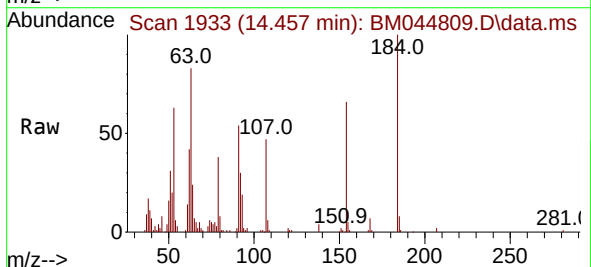
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

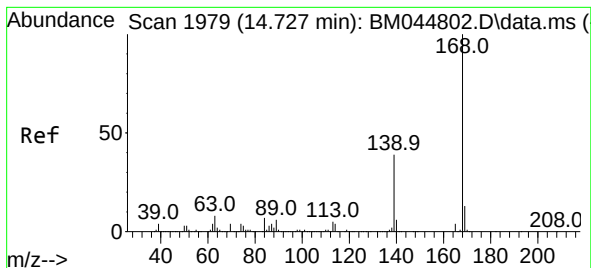
Tgt Ion:138 Resp: 116859  
Ion Ratio Lower Upper  
138 100  
108 8.9 7.6 11.4  
92 115.1 91.6 137.4



#54  
2,4-Dinitrophenol  
Concen: 40.175 ng  
RT: 14.457 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:184 Resp: 55197  
Ion Ratio Lower Upper  
184 100  
63 82.8 60.9 91.3  
154 65.5 54.2 81.4

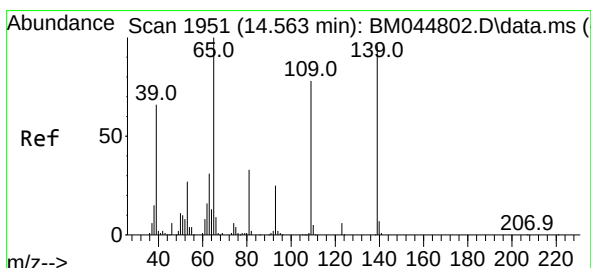
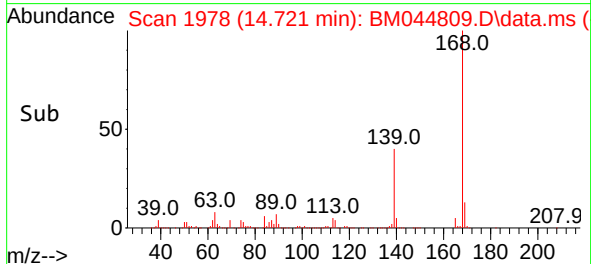
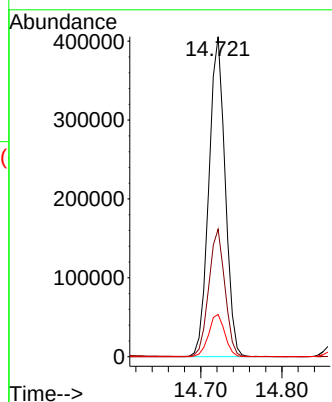
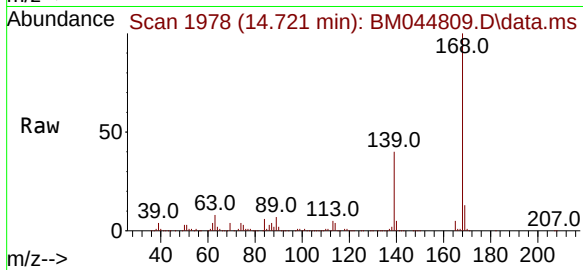




#55  
Dibenzofuran  
Concen: 39.500 ng  
RT: 14.721 min Scan# 1978  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

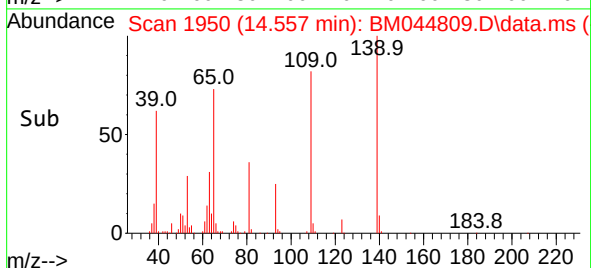
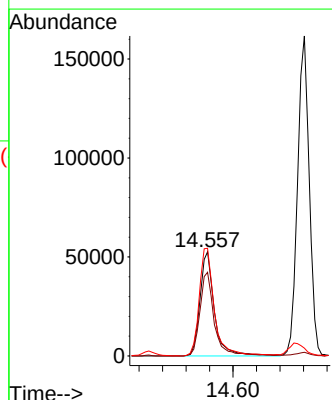
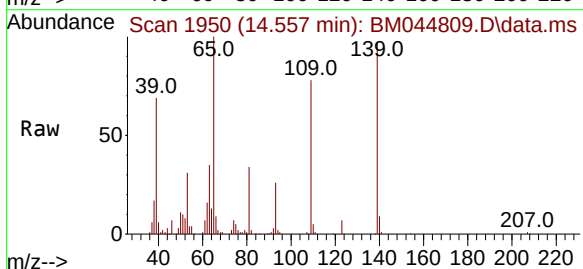
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

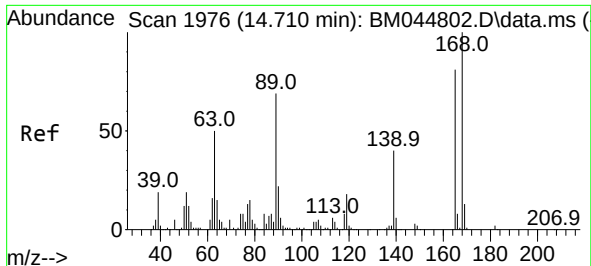
Tgt Ion:168 Resp: 563523  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.4 47.0  
169 13.2 10.6 15.8



#56  
4-Nitrophenol  
Concen: 42.249 ng  
RT: 14.557 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:139 Resp: 89916  
Ion Ratio Lower Upper  
139 100  
109 80.3 60.6 100.6  
65 103.4 83.8 123.8





#57

2,4-Dinitrotoluene

Concen: 42.230 ng

RT: 14.704 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 128629

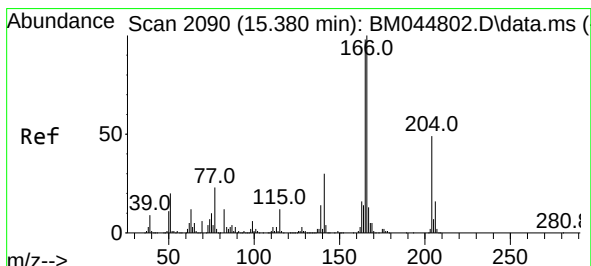
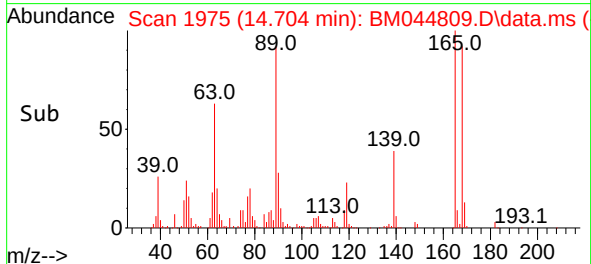
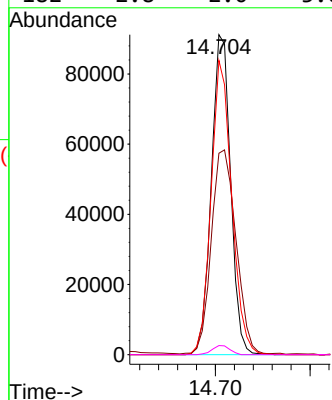
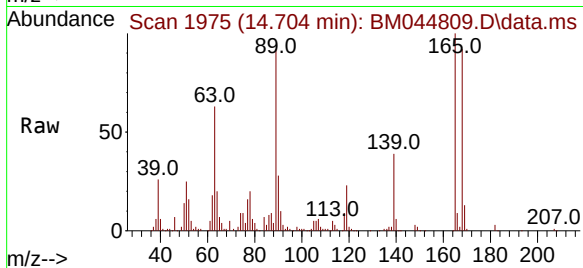
Ion Ratio Lower Upper

165 100

63 62.9 49.9 74.9

89 92.0 68.6 102.8

182 2.8 2.0 3.0



#58

Fluorene

Concen: 39.607 ng

RT: 15.374 min Scan# 2089

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

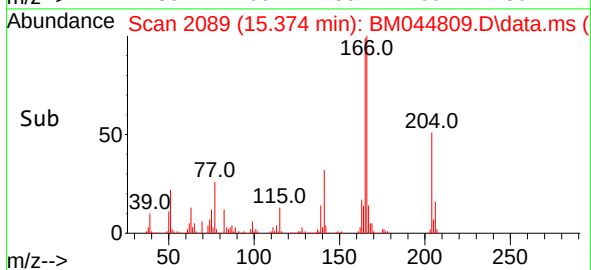
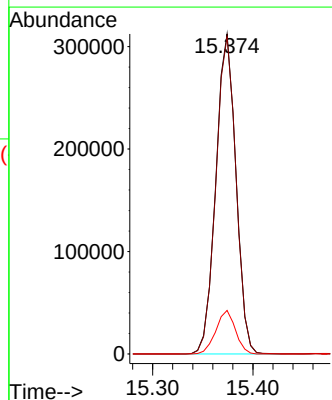
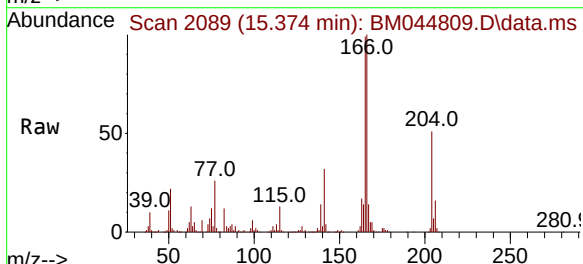
Tgt Ion:166 Resp: 434215

Ion Ratio Lower Upper

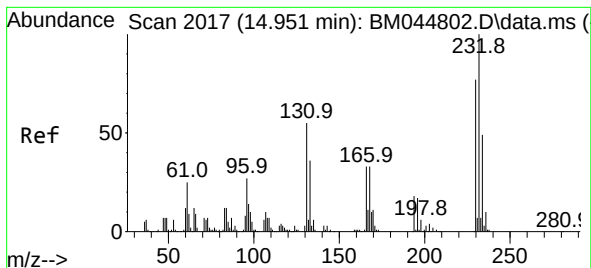
166 100

165 99.2 78.6 117.8

167 13.6 10.8 16.2



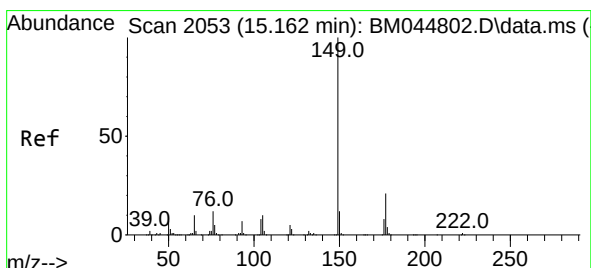
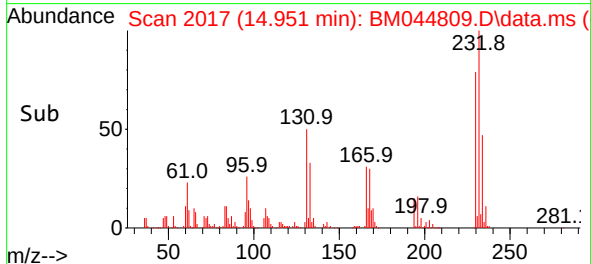
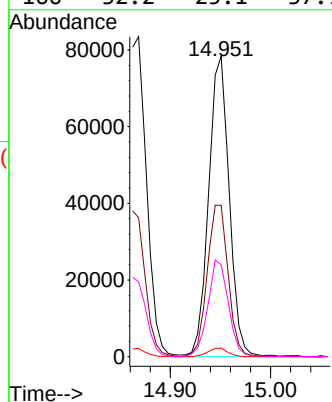
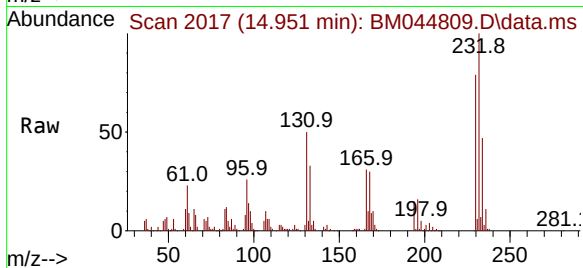




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.840 ng  
RT: 14.951 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

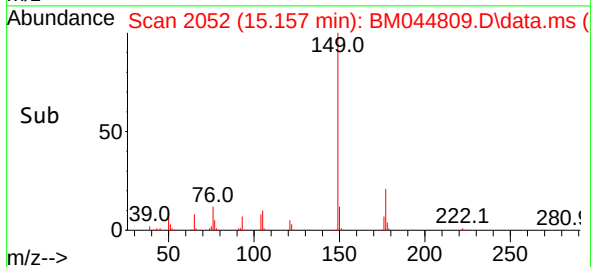
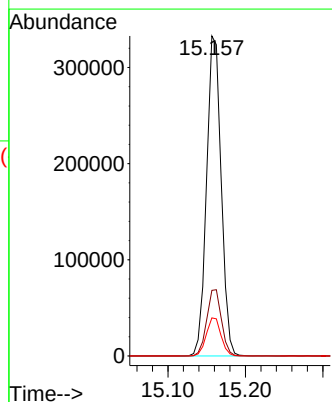
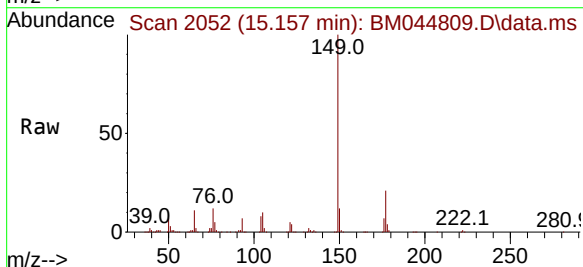
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

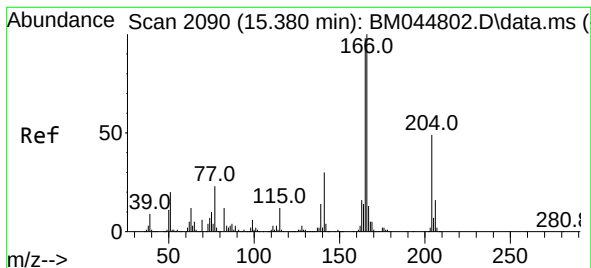
Tgt Ion:232 Resp: 111910  
Ion Ratio Lower Upper  
232 100  
131 51.4 42.0 63.0  
130 2.8 2.2 3.2  
166 32.2 25.1 37.7



#60  
Diethylphthalate  
Concen: 41.431 ng  
RT: 15.157 min Scan# 2052  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:149 Resp: 435731  
Ion Ratio Lower Upper  
149 100  
177 20.5 16.4 24.6  
150 11.9 9.8 14.8

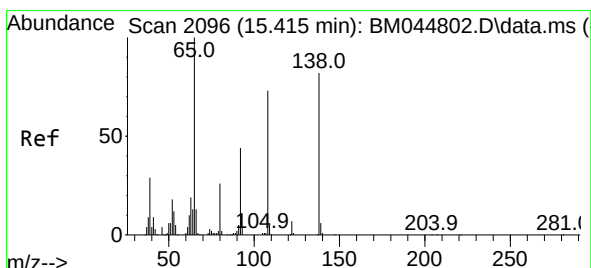
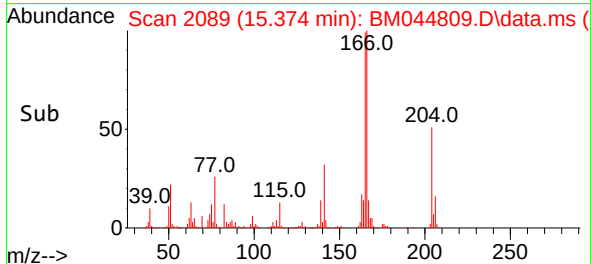
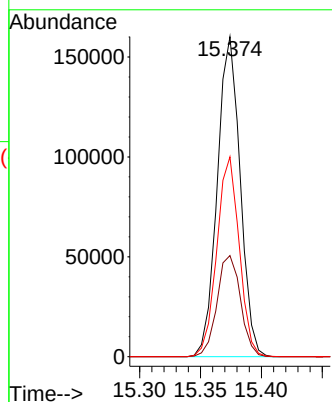
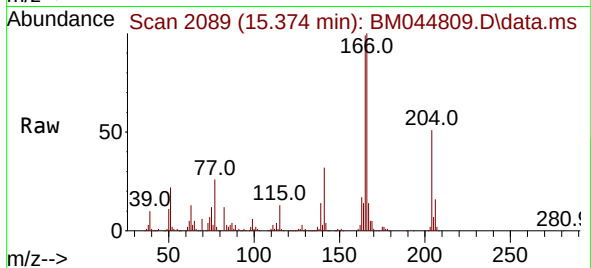




#61  
4-Chlorophenyl-phenylether  
Concen: 40.272 ng  
RT: 15.374 min Scan# 2090  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

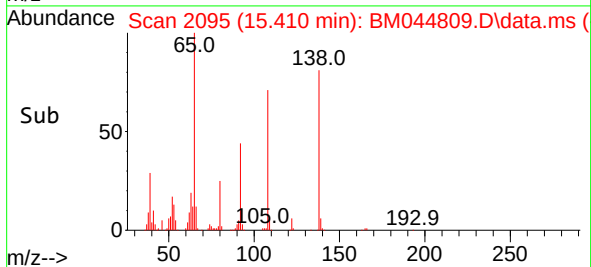
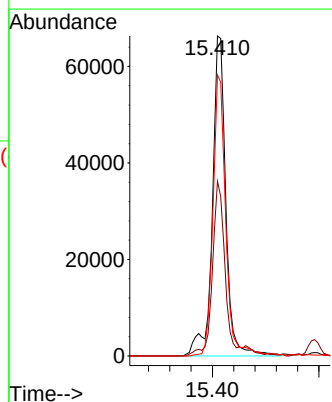
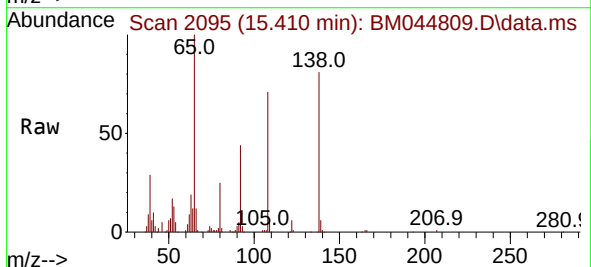
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

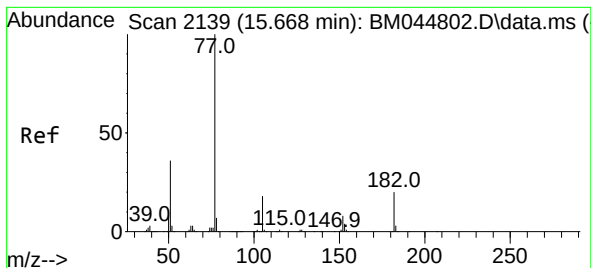
Tgt Ion:204 Resp: 209498  
Ion Ratio Lower Upper  
204 100  
206 31.6 25.5 38.3  
141 62.5 49.5 74.3



#62  
4-Nitroaniline  
Concen: 43.960 ng  
RT: 15.410 min Scan# 2095  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:138 Resp: 116745  
Ion Ratio Lower Upper  
138 100  
92 54.6 34.4 74.4  
108 87.8 68.8 108.8





#63

Azobenzene

Concen: 41.222 ng

RT: 15.668 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 483120

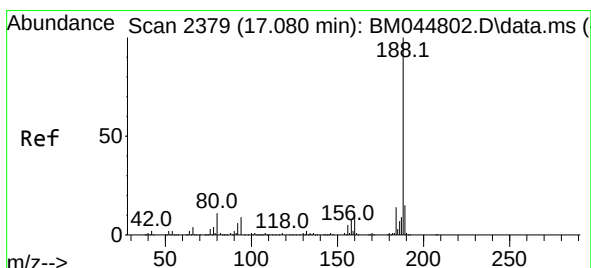
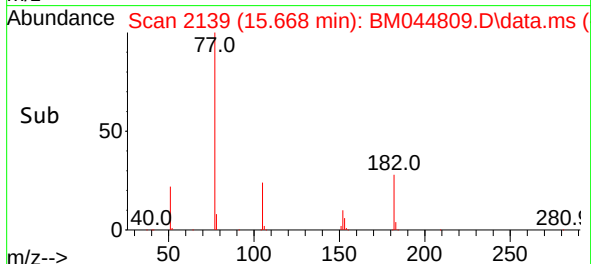
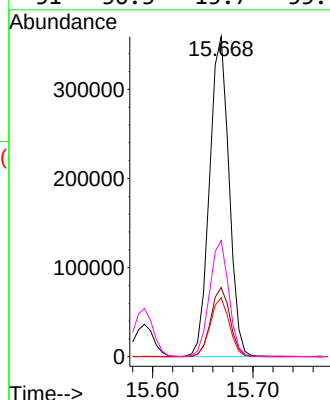
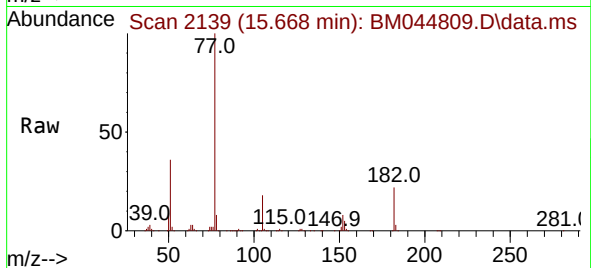
Ion Ratio Lower Upper

77 100

182 21.6 0.3 40.3

105 18.4 0.0 38.4

51 36.3 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.074 min Scan# 2378

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

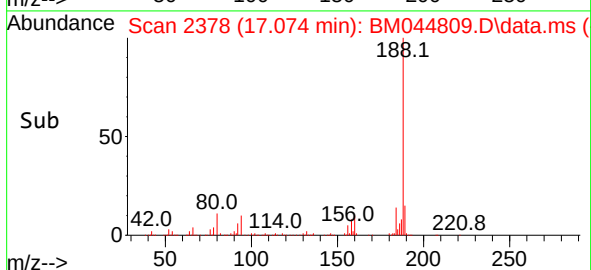
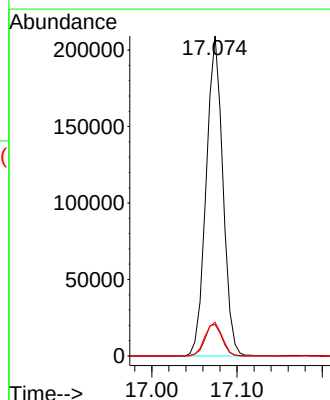
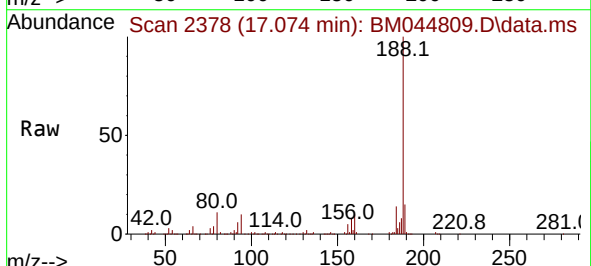
Tgt Ion: 188 Resp: 284986

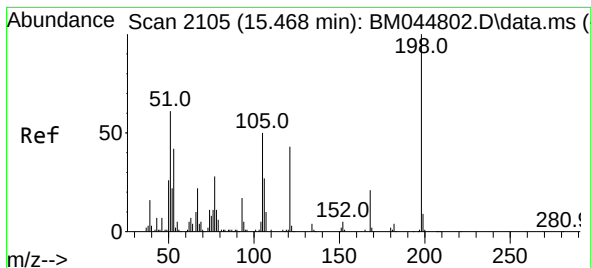
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 10.6 8.6 12.8

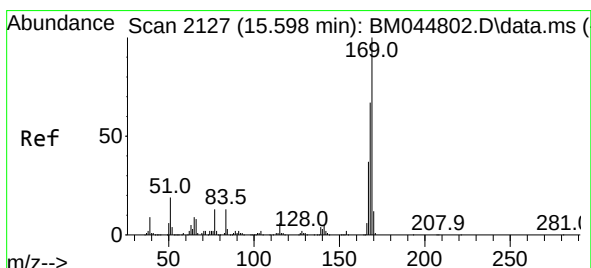
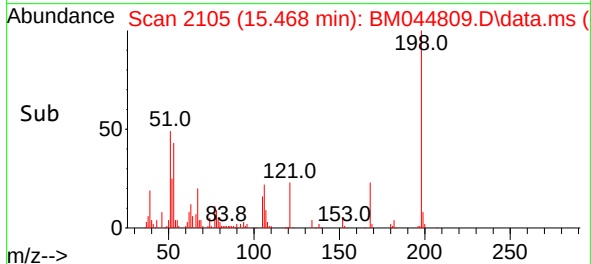
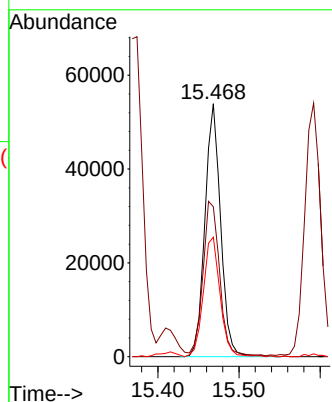
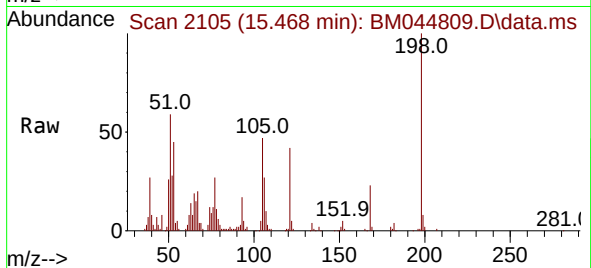




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 40.715 ng  
 RT: 15.468 min Scan# 2105  
 Delta R.T. 0.000 min  
 Lab File: BM044809.D  
 Acq: 29 Mar 2024 10:04

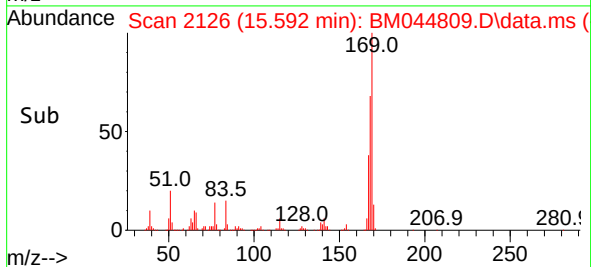
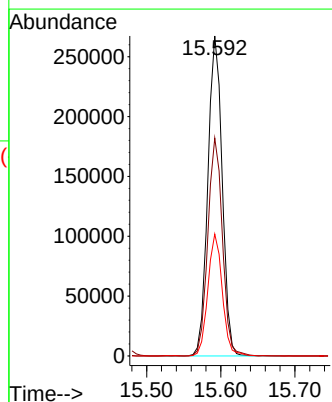
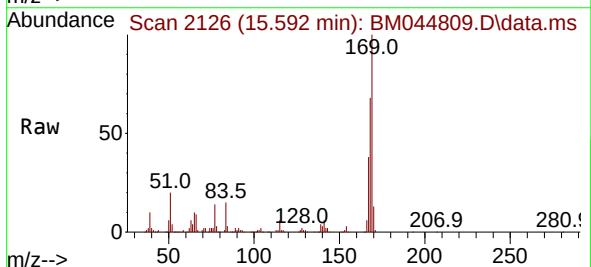
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

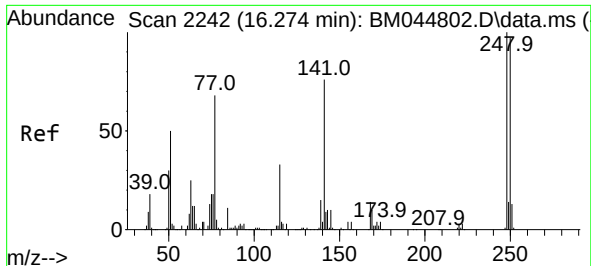
Tgt Ion:198 Resp: 72210  
 Ion Ratio Lower Upper  
 198 100  
 51 59.3 44.2 84.2  
 105 47.3 30.9 70.9



#66  
 n-Nitrosodiphenylamine  
 Concen: 38.028 ng  
 RT: 15.592 min Scan# 2126  
 Delta R.T. -0.006 min  
 Lab File: BM044809.D  
 Acq: 29 Mar 2024 10:04

Tgt Ion:169 Resp: 359265  
 Ion Ratio Lower Upper  
 169 100  
 168 68.1 53.4 80.2  
 167 38.1 29.4 44.2

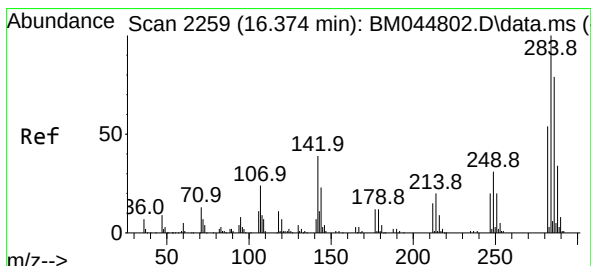
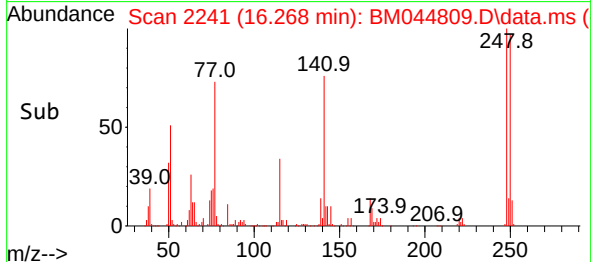
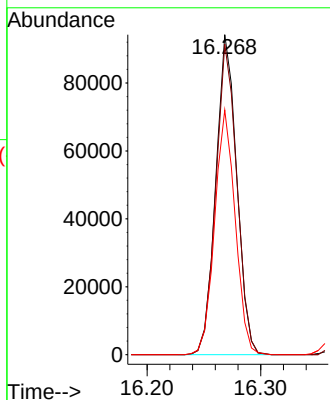
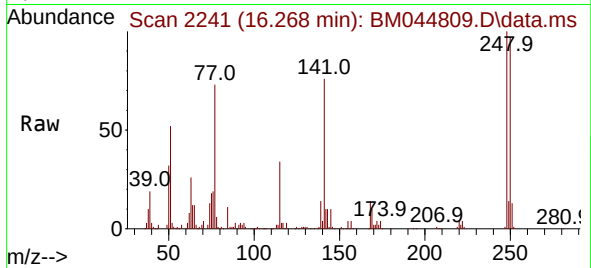




#67  
4-Bromophenyl-phenylether  
Concen: 38.675 ng  
RT: 16.268 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

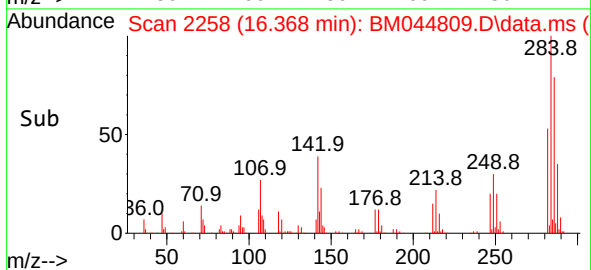
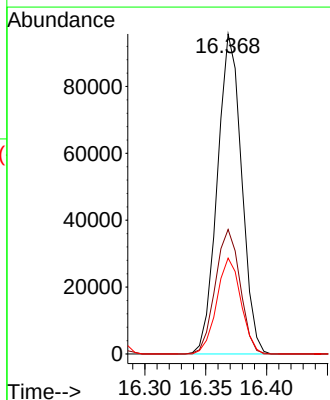
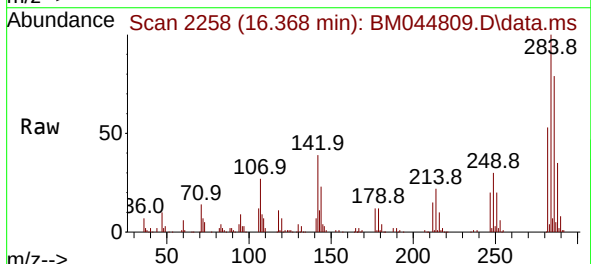
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

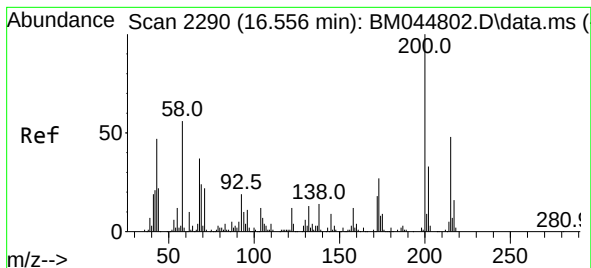
Tgt Ion:248 Resp: 120658  
Ion Ratio Lower Upper  
248 100  
250 97.1 77.7 116.5  
141 76.4 60.7 91.1



#68  
Hexachlorobenzene  
Concen: 39.299 ng  
RT: 16.368 min Scan# 2258  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:284 Resp: 132708  
Ion Ratio Lower Upper  
284 100  
142 38.9 31.0 46.4  
249 29.9 24.6 37.0





#69

Atrazine

Concen: 42.414 ng

RT: 16.557 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

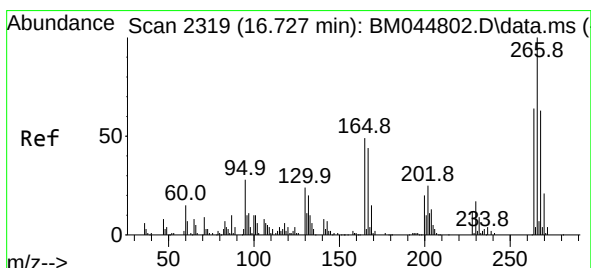
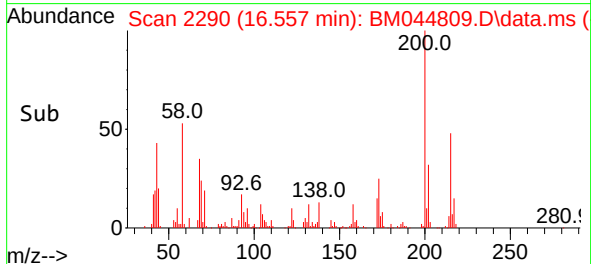
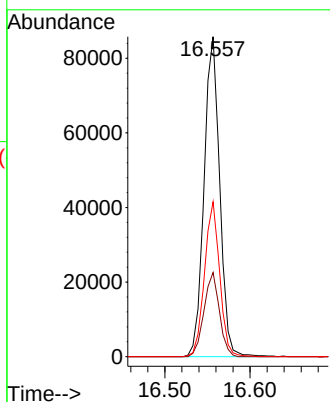
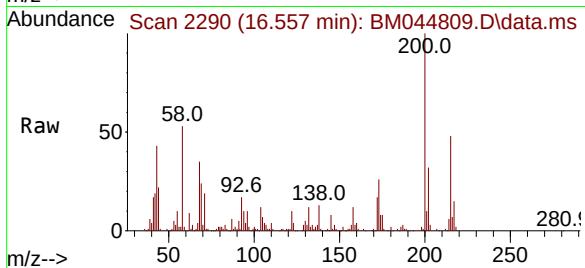
Tgt Ion:200 Resp: 109514

Ion Ratio Lower Upper

200 100

173 26.3 7.5 47.5

215 48.4 28.4 68.4



#70

Pentachlorophenol

Concen: 41.701 ng

RT: 16.721 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

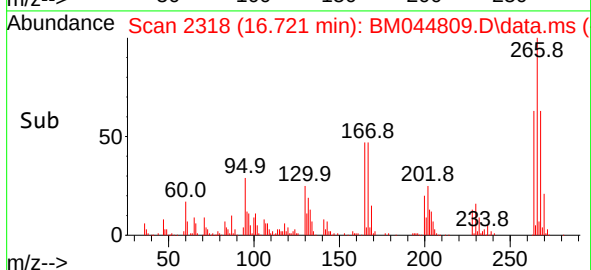
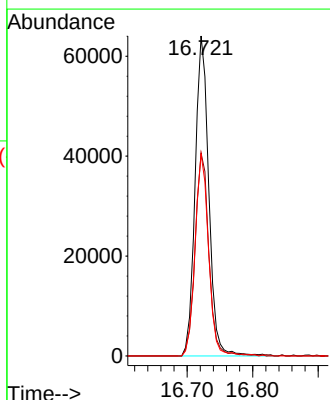
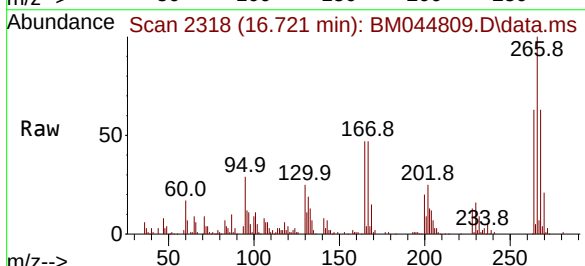
Tgt Ion:266 Resp: 93205

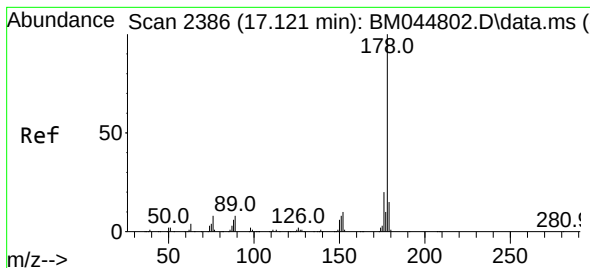
Ion Ratio Lower Upper

266 100

268 63.4 50.6 75.8

264 63.1 51.3 76.9





#71

Phenanthrene

Concen: 39.700 ng

RT: 17.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

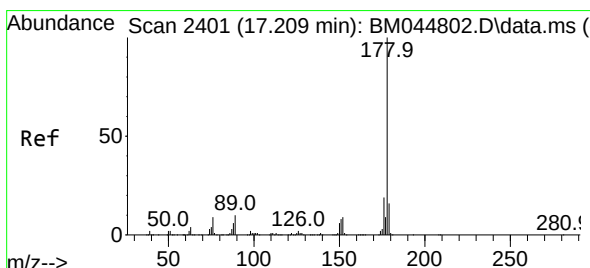
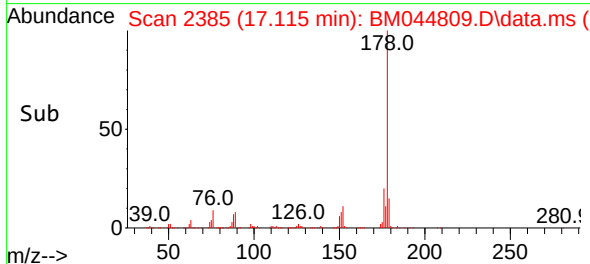
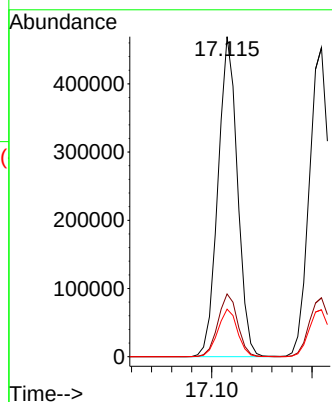
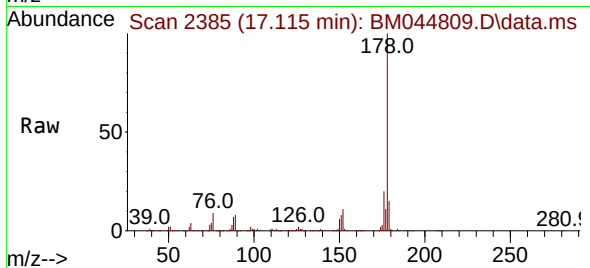
Tgt Ion:178 Resp: 631205

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 14.9 12.2 18.2



#72

Anthracene

Concen: 39.933 ng

RT: 17.209 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

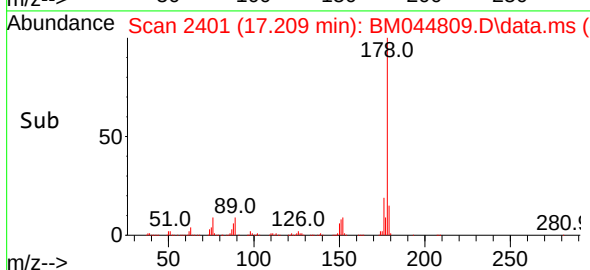
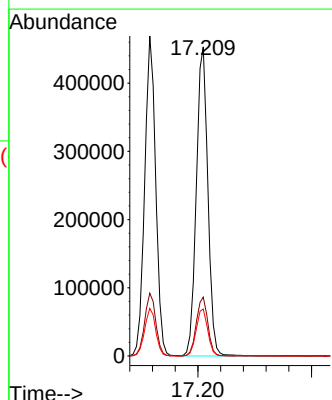
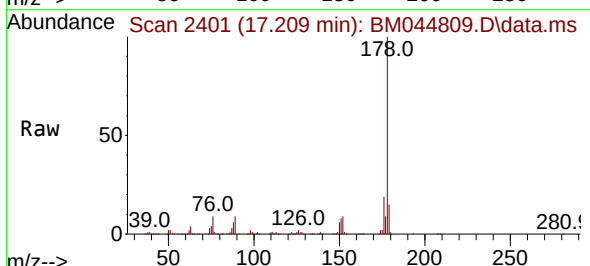
Tgt Ion:178 Resp: 641295

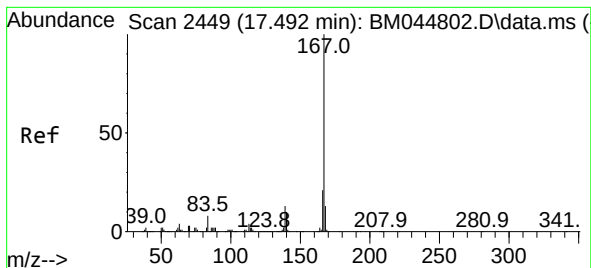
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.2 12.8 19.2





#73

Carbazole

Concen: 41.799 ng

RT: 17.486 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

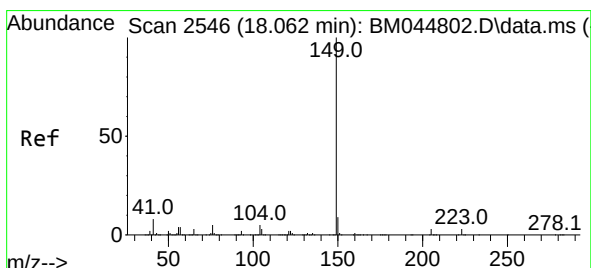
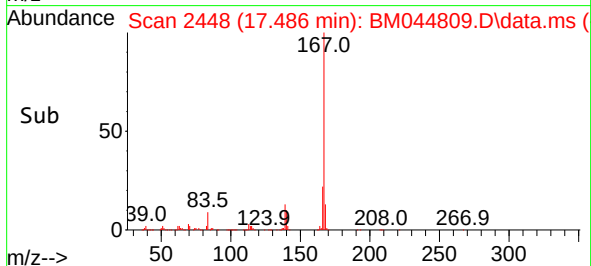
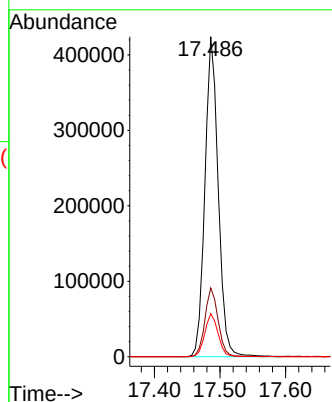
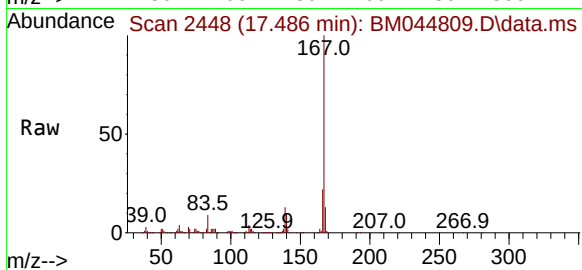
Tgt Ion:167 Resp: 599399

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.998 ng

RT: 18.056 min Scan# 2545

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

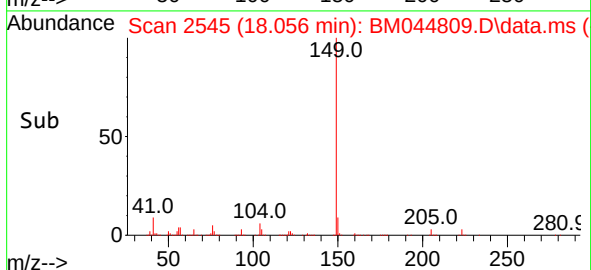
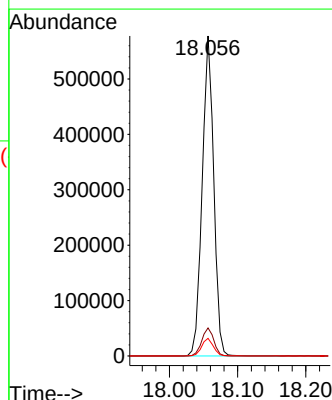
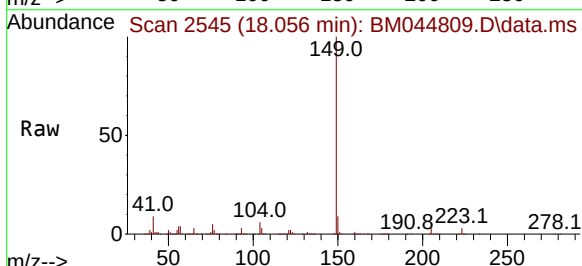
Tgt Ion:149 Resp: 677150

Ion Ratio Lower Upper

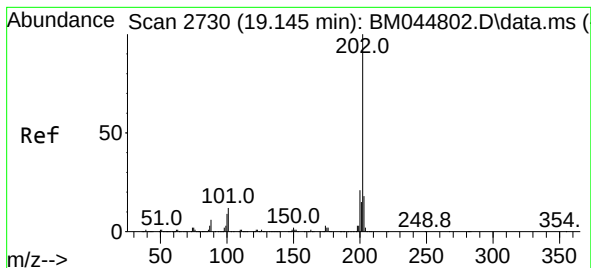
149 100

150 8.8 7.1 10.7

104 5.5 4.2 6.4







#75

Fluoranthene

Concen: 42.994 ng

RT: 19.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

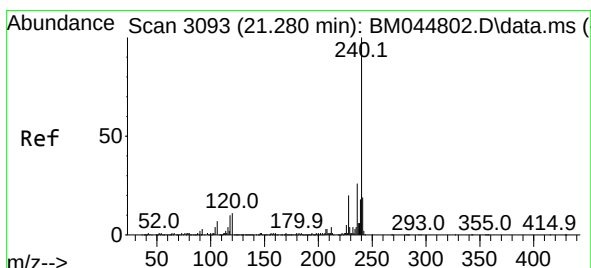
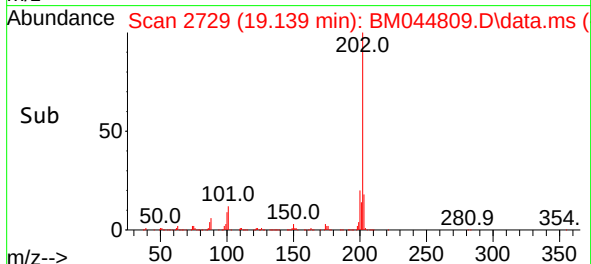
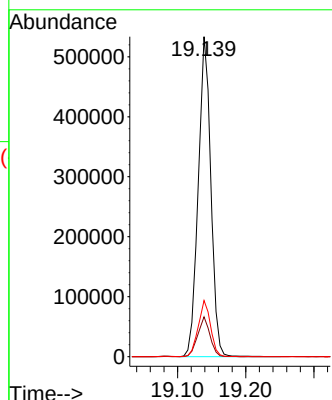
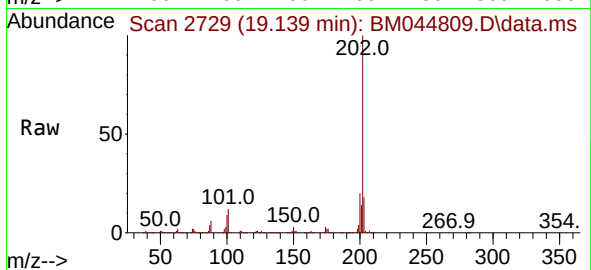
Tgt Ion:202 Resp: 682340

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.2

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.274 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

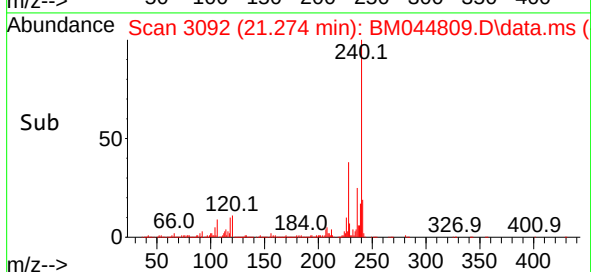
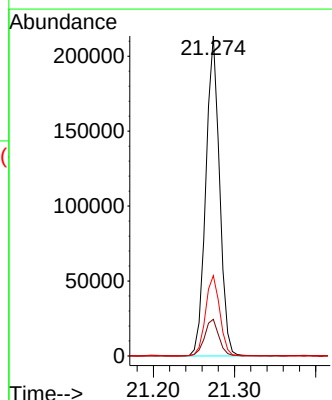
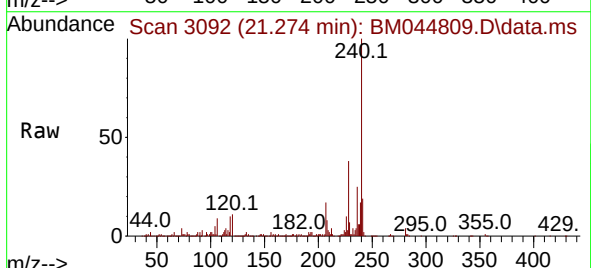
Tgt Ion:240 Resp: 249788

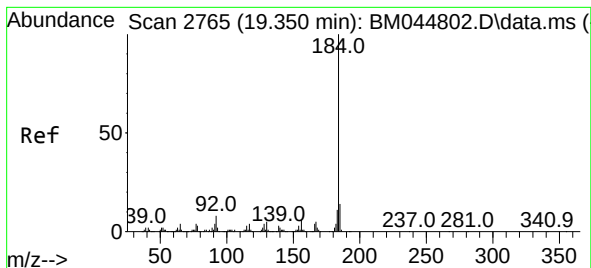
Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.1 20.8 31.2





#77

Benzidine

Concen: 52.217 ng

RT: 19.345 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

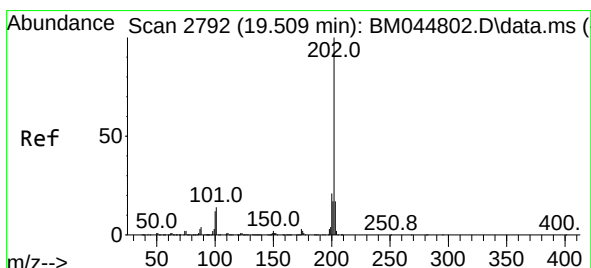
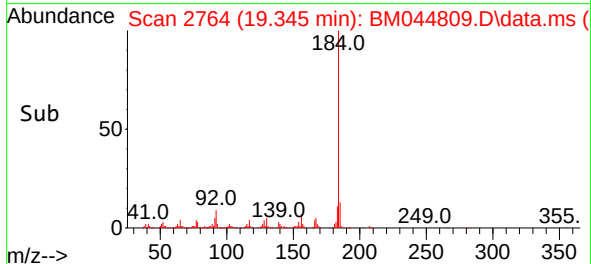
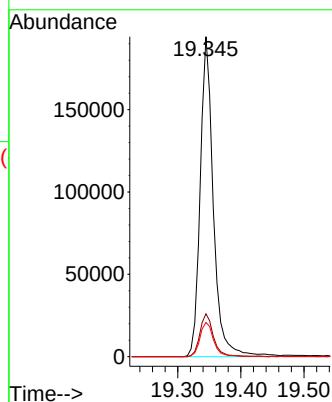
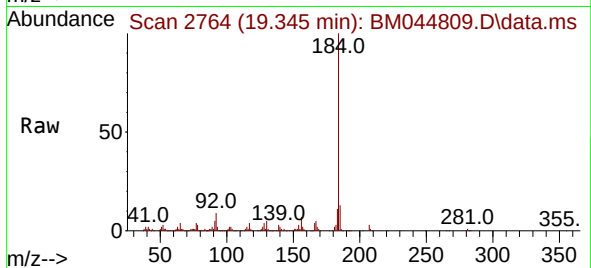
Tgt Ion:184 Resp: 281230

Ion Ratio Lower Upper

184 100

185 13.4 11.2 16.8

183 10.7 9.0 13.6



#78

Pyrene

Concen: 36.224 ng

RT: 19.503 min Scan# 2791

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

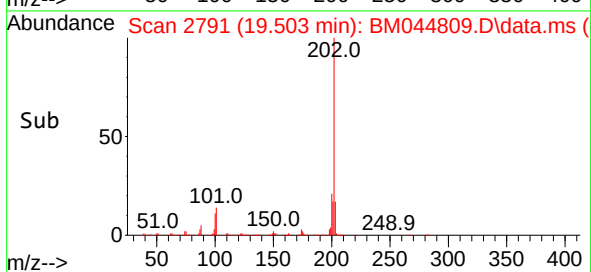
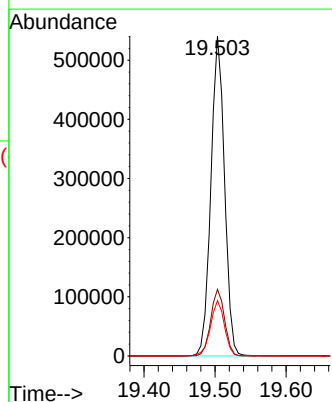
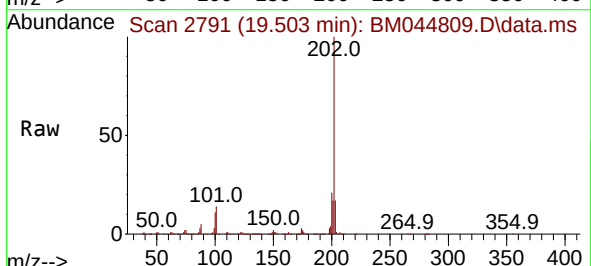
Tgt Ion:202 Resp: 721027

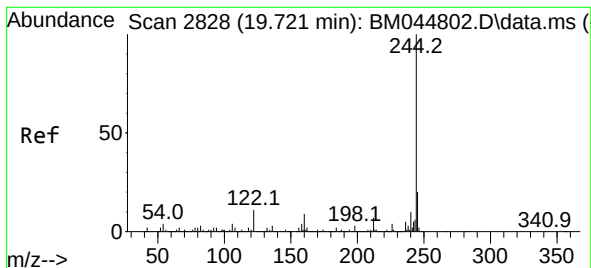
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 76.017 ng

RT: 19.715 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

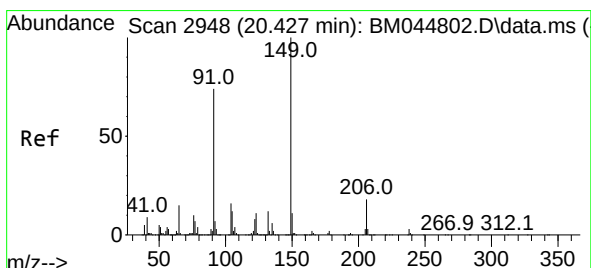
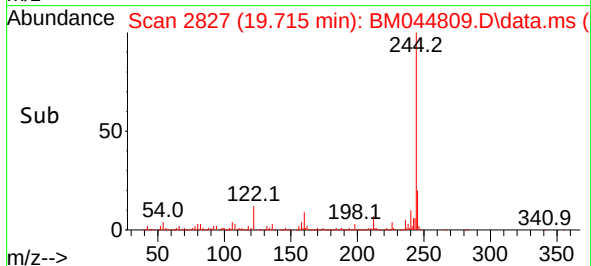
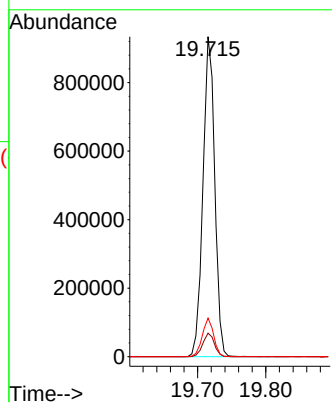
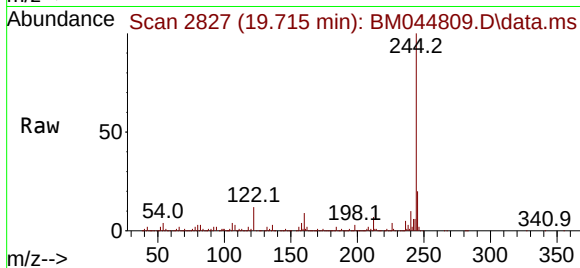
Tgt Ion:244 Resp: 1120433

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 12.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 40.272 ng

RT: 20.421 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

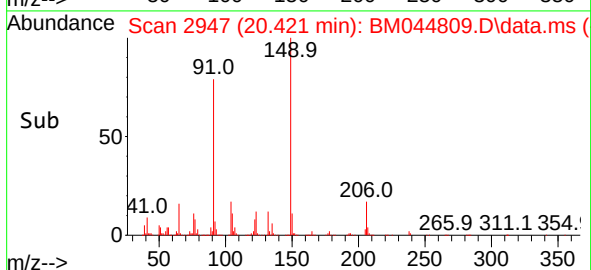
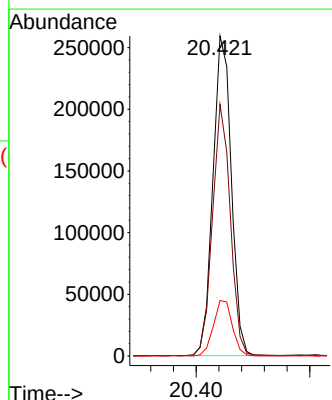
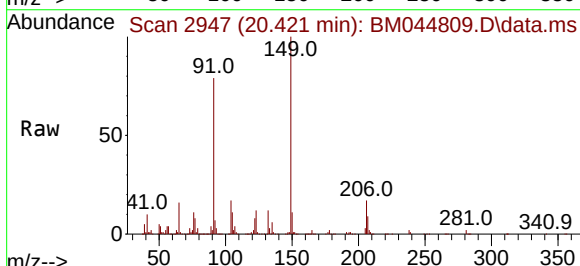
Tgt Ion:149 Resp: 291530

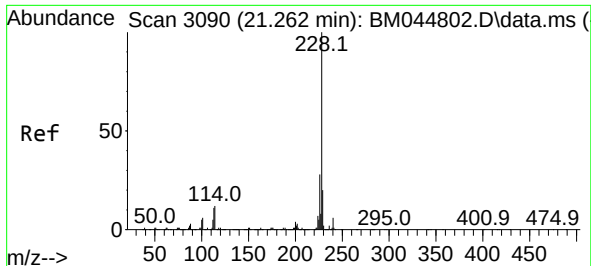
Ion Ratio Lower Upper

149 100

91 78.6 59.5 89.3

206 17.4 14.6 21.8

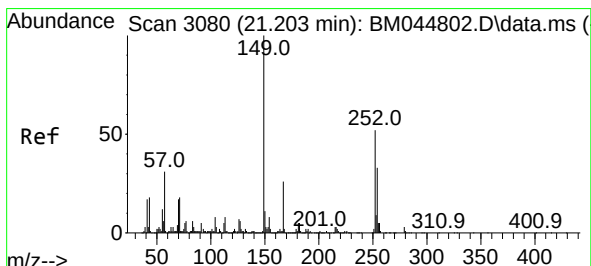
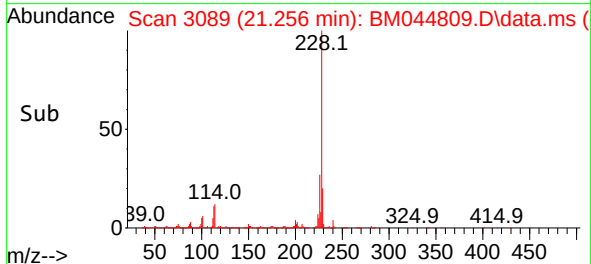
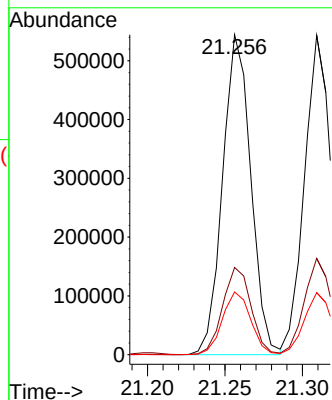
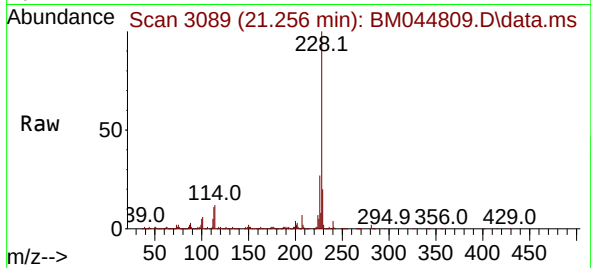




#81  
Benzo(a)anthracene  
Concen: 39.564 ng  
RT: 21.256 min Scan# 3090  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

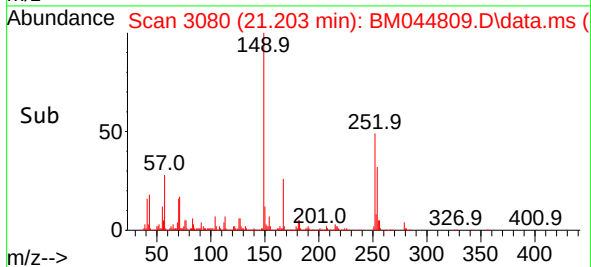
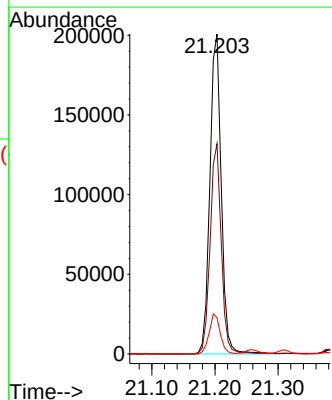
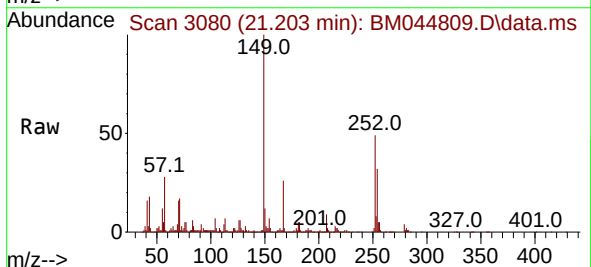
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

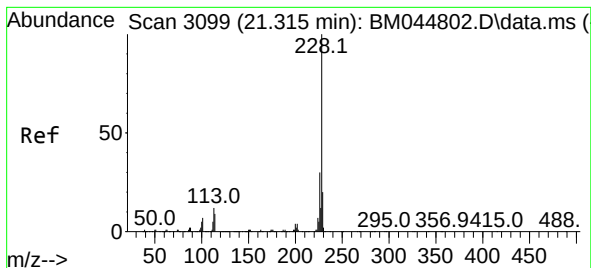
Tgt Ion:228 Resp: 688869  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.1 33.1  
229 19.6 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 41.587 ng  
RT: 21.203 min Scan# 3080  
Delta R.T. 0.000 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:252 Resp: 251088  
Ion Ratio Lower Upper  
252 100  
254 65.7 51.0 76.4  
126 11.3 10.0 15.0





#83

Chrysene

Concen: 39.539 ng

RT: 21.309 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

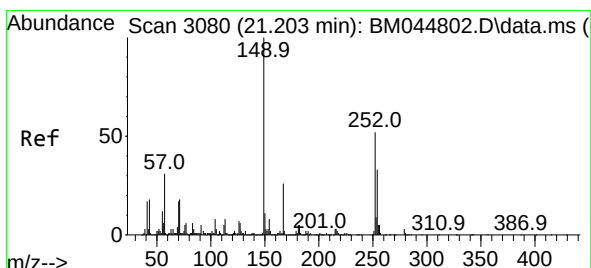
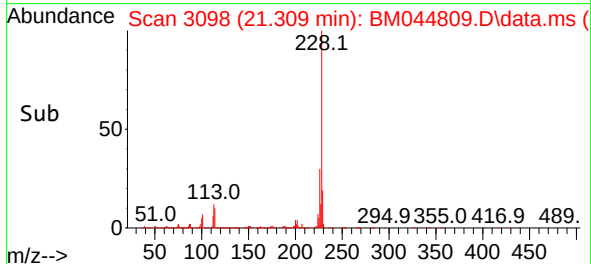
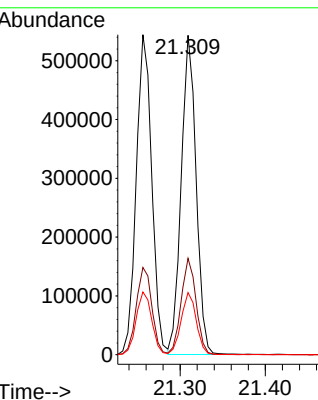
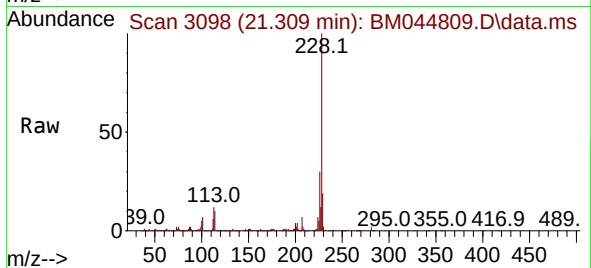
Tgt Ion:228 Resp: 659816

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.332 ng

RT: 21.203 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

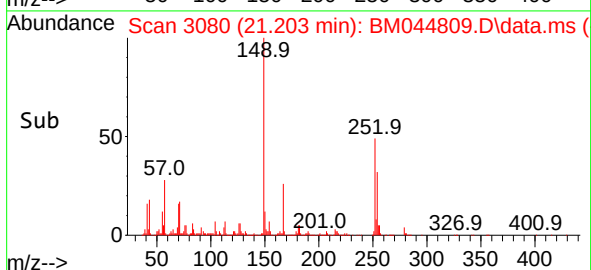
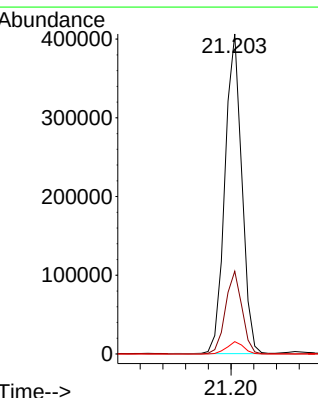
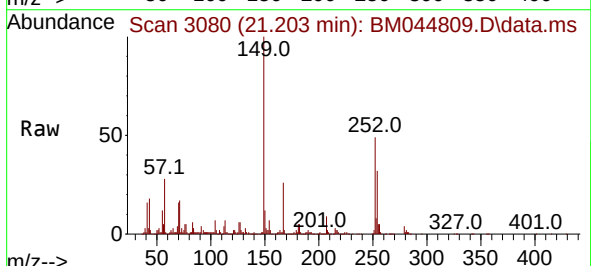
Tgt Ion:149 Resp: 417704

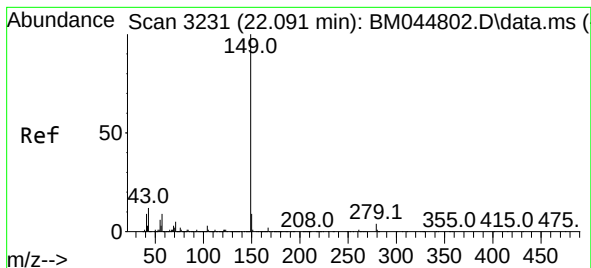
Ion Ratio Lower Upper

149 100

167 25.8 20.5 30.7

279 3.9 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 42.088 ng

RT: 22.086 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

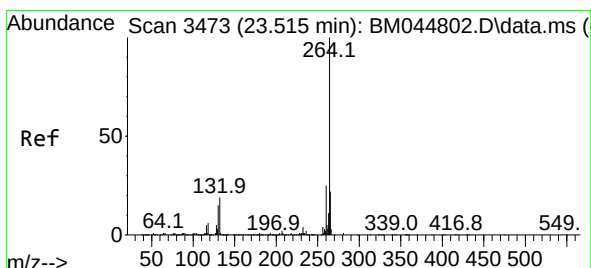
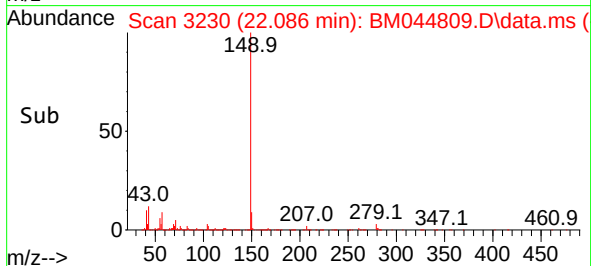
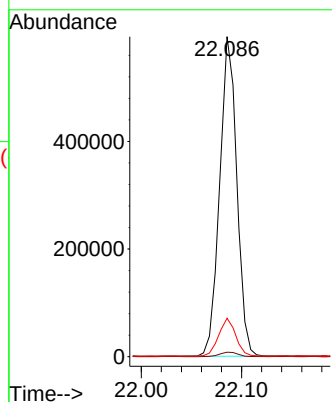
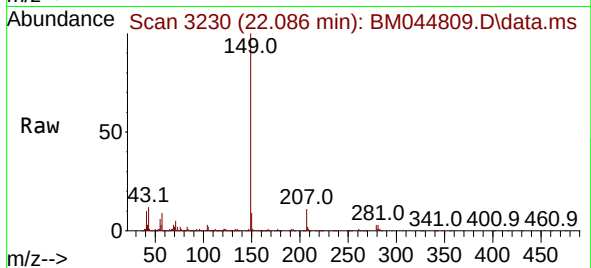
Tgt Ion:149 Resp: 702757

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.509 min Scan# 3472

Delta R.T. -0.006 min

Lab File: BM044809.D

Acq: 29 Mar 2024 10:04

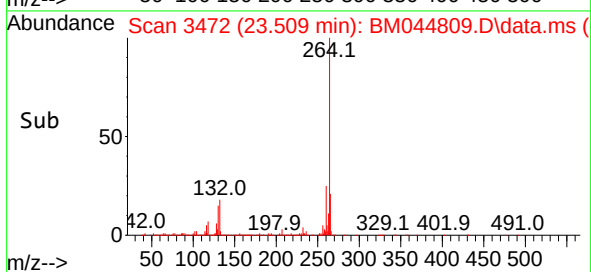
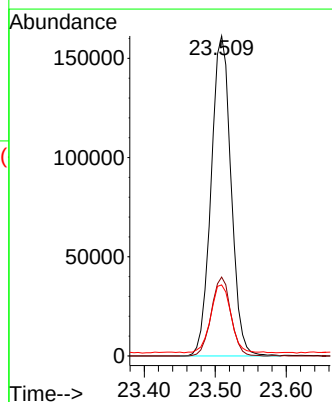
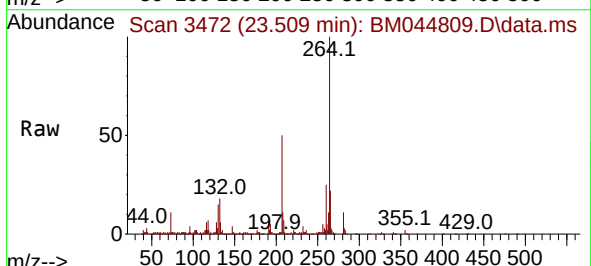
Tgt Ion:264 Resp: 313858

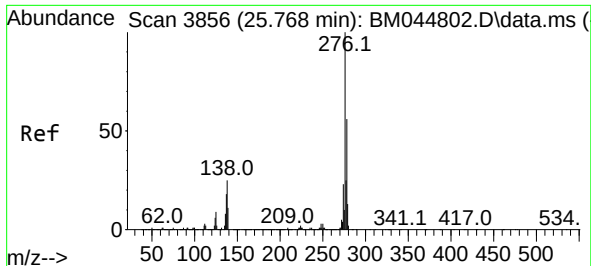
Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.2 18.9 28.3

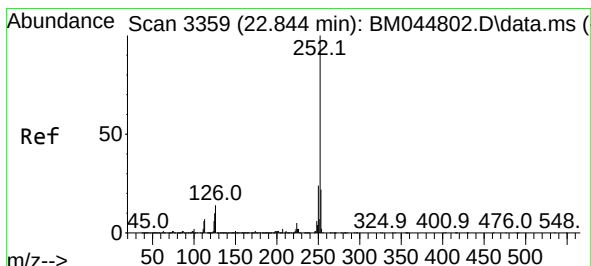
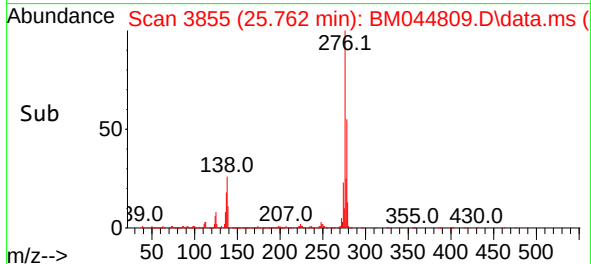
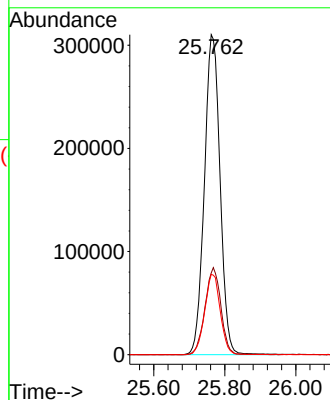
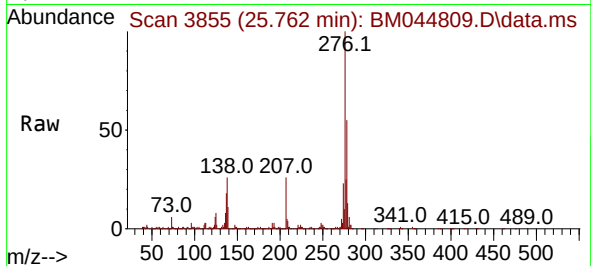




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.029 ng  
 RT: 25.762 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BM044809.D  
 Acq: 29 Mar 2024 10:04

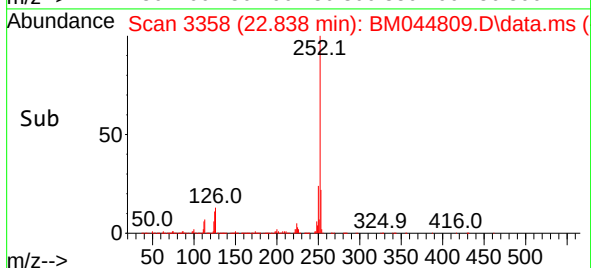
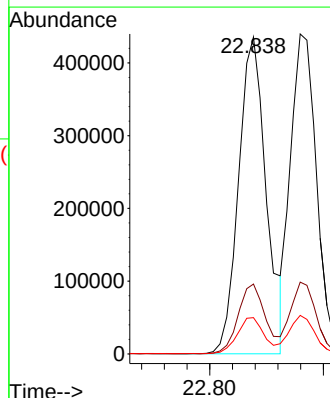
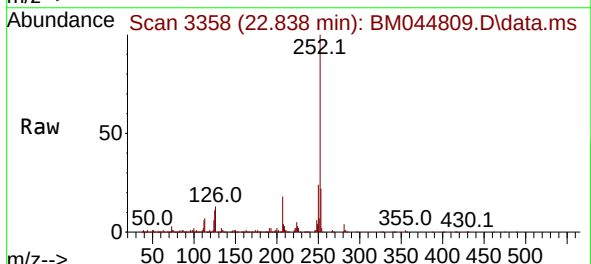
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

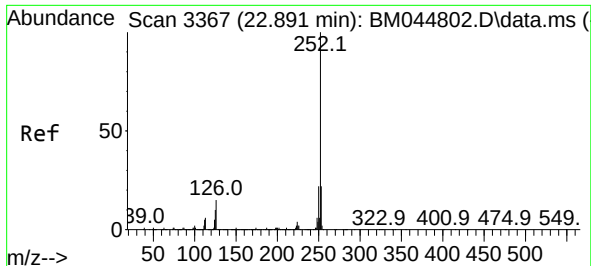
Tgt Ion:276 Resp: 954334  
 Ion Ratio Lower Upper  
 276 100  
 138 27.6 22.2 33.2  
 277 25.0 20.2 30.4



#88  
 Benzo(b)fluoranthene  
 Concen: 41.296 ng  
 RT: 22.838 min Scan# 3358  
 Delta R.T. -0.006 min  
 Lab File: BM044809.D  
 Acq: 29 Mar 2024 10:04

Tgt Ion:252 Resp: 734456  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.5 26.3  
 125 11.5 8.6 12.8

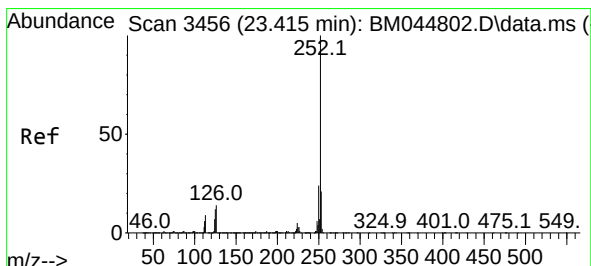
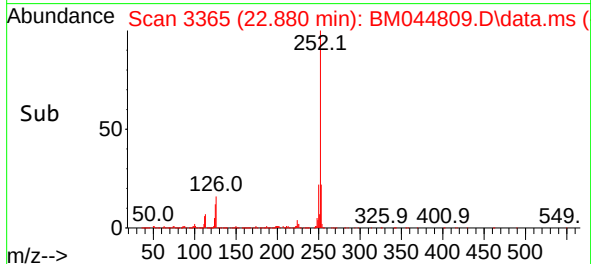
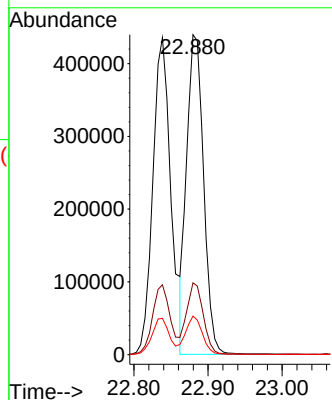
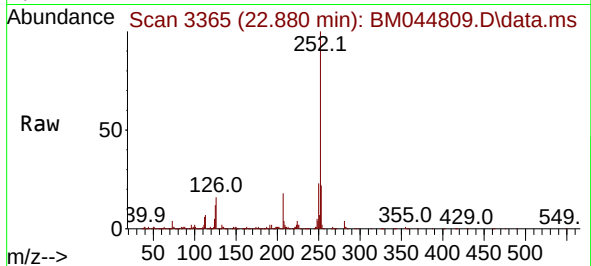




#89  
Benzo(k)fluoranthene  
Concen: 39.092 ng  
RT: 22.880 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

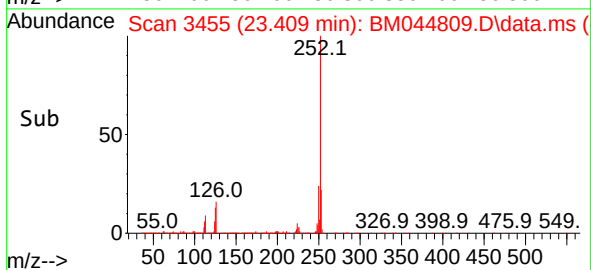
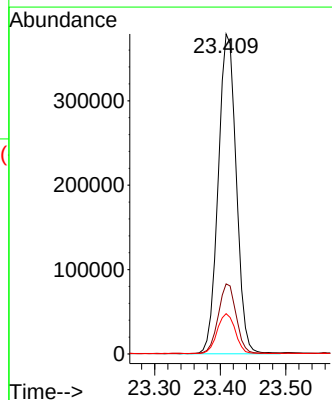
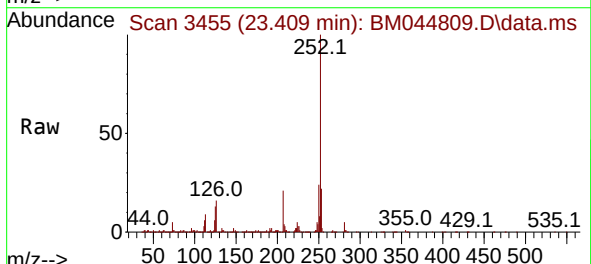
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 698157  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.7 26.5  
125 12.0 8.3 12.5

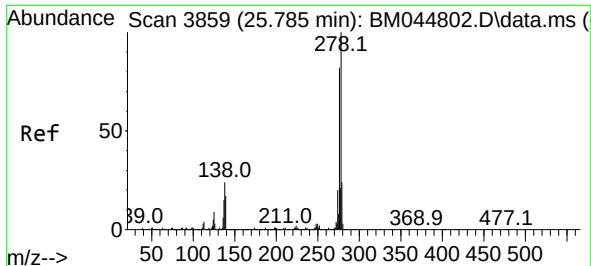


#90  
Benzo(a)pyrene  
Concen: 39.923 ng  
RT: 23.409 min Scan# 3455  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:252 Resp: 720573  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 12.6 9.8 14.8



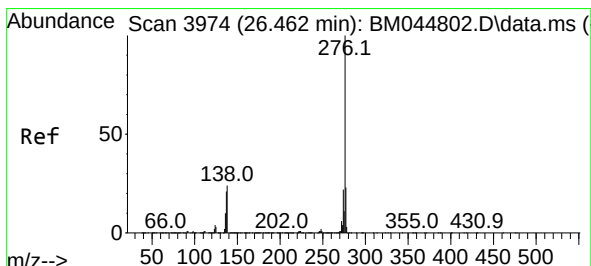
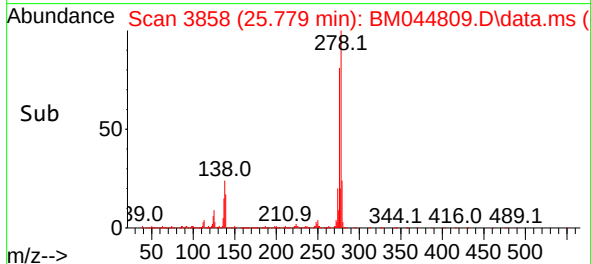
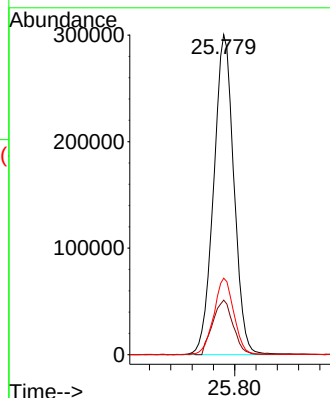
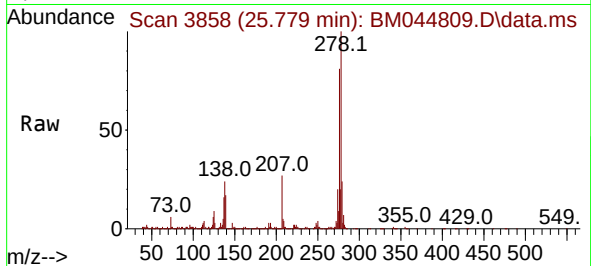




#91  
Dibenzo(a,h)anthracene  
Concen: 40.041 ng  
RT: 25.779 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 790631  
Ion Ratio Lower Upper  
278 100  
139 17.0 13.6 20.4  
279 23.9 19.6 29.4



#92  
Benzo(g,h,i)perylene  
Concen: 39.127 ng  
RT: 26.450 min Scan# 3972  
Delta R.T. -0.012 min  
Lab File: BM044809.D  
Acq: 29 Mar 2024 10:04

Tgt Ion:276 Resp: 803822  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.6 28.0  
138 23.4 19.2 28.8

