

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071125\  
 Data File : BM050418.D  
 Acq On : 11 Jul 2025 18:38  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jul 11 23:37:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM070925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 08 18:32:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.869  | 152  | 521904   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.663 | 136  | 2025688  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.492 | 164  | 1330908  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 2592832  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.450 | 240  | 2738835  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.491 | 264  | 2860300  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 2376979  | 78.396 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.028  | 99   | 3100708  | 81.124 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.022  | 82   | 3104408  | 78.186 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.974 | 330  | 1435561  | 88.776 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.121 | 172  | 8121848  | 75.362 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.833 | 244  | 11907805 | 76.497 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.334  | 88   | 456347   | 36.602 | ng    | 99       |
| 3) Pyridine                   | 3.734  | 79   | 1263663  | 38.606 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.640  | 42   | 572092   | 37.491 | ng    | 95       |
| 6) Aniline                    | 7.186  | 93   | 1880736  | 38.342 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.428  | 128  | 1292227  | 40.419 | ng    | 99       |
| 9) Benzaldehyde               | 7.004  | 77   | 944014   | 41.519 | ng    | 97       |
| 10) Phenol                    | 7.051  | 94   | 1584688  | 39.751 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.286  | 93   | 1231245  | 38.565 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.757  | 146  | 1461990  | 37.607 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.904  | 146  | 1484159  | 37.389 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.222  | 146  | 1432622  | 37.697 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.098  | 79   | 1112499  | 41.310 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.392  | 45   | 1753141  | 37.280 | ng    | 99       |
| 17) 2-Methylphenol            | 8.304  | 107  | 1038531  | 40.166 | ng    | 97       |
| 18) Hexachloroethane          | 8.951  | 117  | 538070   | 38.542 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.675  | 70   | 972512   | 42.001 | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.628  | 107  | 1411286  | 40.659 | ng    | 99       |
| 22) Acetophenone              | 8.686  | 105  | 1959318  | 38.686 | ng    | # 97     |
| 24) Nitrobenzene              | 9.063  | 77   | 1384246  | 39.068 | ng    | 98       |
| 25) Isophorone                | 9.592  | 82   | 2609294  | 40.499 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.775  | 139  | 676560   | 46.852 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.833  | 122  | 1160828  | 37.778 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.069 | 93   | 1664465  | 38.987 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.310 | 162  | 1304245  | 41.315 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.527 | 180  | 1460055  | 38.662 | ng    | 98       |
| 31) Naphthalene               | 10.710 | 128  | 3944795  | 38.340 | ng    | 100      |
| 32) Benzoic acid              | 9.963  | 122  | 866606   | 46.203 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.810 | 127  | 1724915  | 39.655 | ng    | 100      |
| 34) Hexachlorobutadiene       | 11.004 | 225  | 897268   | 38.928 | ng    | 98       |
| 35) Caprolactam               | 11.592 | 113  | 388039   | 45.028 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.939 | 107  | 1239848  | 42.059 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.321 | 142  | 2635872  | 40.573 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.539 | 142  | 2741039  | 39.868 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.686 | 216  | 1670493  | 39.469 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.674 | 237  | 985478   | 36.426 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.927 | 196  | 1092089  | 41.919 | ng    | 98       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 08 18:32:25 2025  
 Response via : Initial Calibration

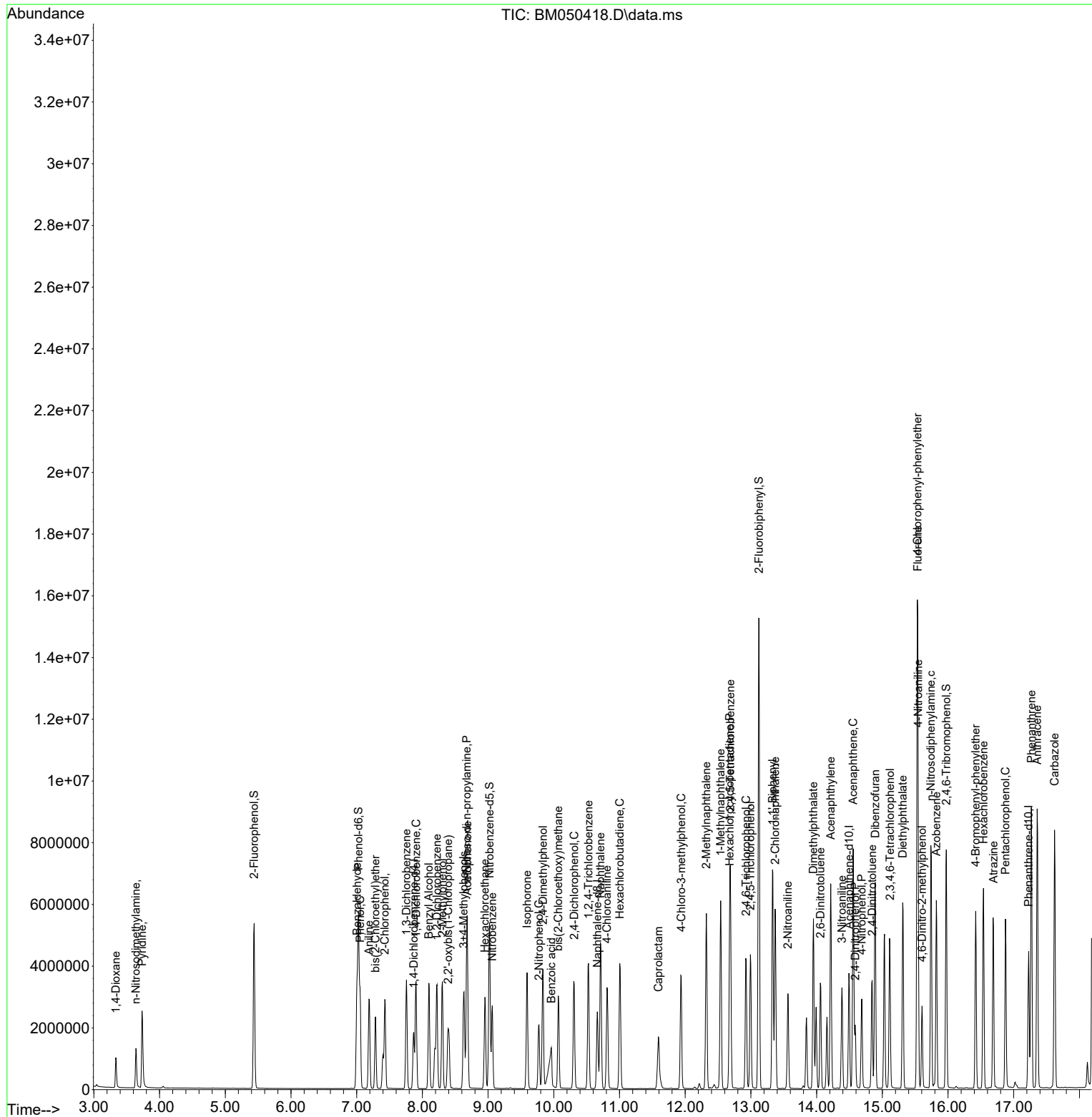
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.992 | 196  | 1197773  | 42.098 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.327 | 154  | 3782774  | 38.309 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.368 | 162  | 3000068  | 38.106 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.563 | 65   | 773366   | 44.008 | ng    | 99       |
| 49) Acenaphthylene            | 14.215 | 152  | 4610389  | 38.748 | ng    | 99       |
| 50) Dimethylphthalate         | 13.951 | 163  | 3604264  | 39.335 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.057 | 165  | 754402   | 42.880 | ng    | 99       |
| 52) Acenaphthene              | 14.557 | 154  | 2999329  | 39.650 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.386 | 138  | 809707   | 43.276 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.586 | 184  | 402852   | 44.580 | ng    | 91       |
| 55) Dibenzofuran              | 14.892 | 168  | 4468606  | 38.339 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.686 | 139  | 690130   | 42.892 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.845 | 165  | 1040891  | 40.003 | ng    | 97       |
| 58) Fluorene                  | 15.539 | 166  | 3777680  | 39.350 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.115 | 232  | 1024623  | 42.780 | ng    | 98       |
| 60) Diethylphthalate          | 15.309 | 149  | 3459328  | 39.523 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.533 | 204  | 1991127  | 39.665 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.545 | 138  | 848874   | 39.924 | ng    | 97       |
| 63) Azobenzene                | 15.821 | 77   | 3142938  | 39.105 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 573998   | 42.067 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.739 | 169  | 3145161  | 38.765 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.421 | 248  | 1145300  | 40.092 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.539 | 284  | 1332688  | 39.499 | ng    | 96       |
| 69) Atrazine                  | 16.692 | 200  | 1058759  | 39.741 | ng    | 99       |
| 70) Pentachlorophenol         | 16.874 | 266  | 913851   | 43.510 | ng    | 99       |
| 71) Phenanthrene              | 17.268 | 178  | 5587535  | 38.084 | ng    | 100      |
| 72) Anthracene                | 17.356 | 178  | 5706563  | 39.075 | ng    | 100      |
| 73) Carbazole                 | 17.621 | 167  | 5262486  | 39.824 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.192 | 149  | 6074084  | 41.996 | ng    | 100      |
| 75) Fluoranthene              | 19.274 | 202  | 6630559  | 41.571 | ng    | 99       |
| 77) Benzidine                 | 19.450 | 184  | 3426483  | 49.049 | ng    | 100      |
| 78) Pyrene                    | 19.633 | 202  | 6951614  | 39.631 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.527 | 149  | 2713038  | 46.908 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.433 | 228  | 7109070  | 39.837 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.350 | 252  | 2674126  | 44.435 | ng    | 100      |
| 83) Chrysene                  | 21.497 | 228  | 6619137  | 39.325 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.362 | 149  | 4004727  | 43.617 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.515 | 149  | 6727000  | 46.779 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.926 | 276  | 8075076  | 39.707 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.532 | 252  | 6868480  | 39.040 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.591 | 252  | 6846959  | 37.506 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.344 | 252  | 6484739  | 39.374 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.991 | 278  | 6709356  | 39.174 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.003 | 276  | 6479114  | 40.027 | ng    | 99       |

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

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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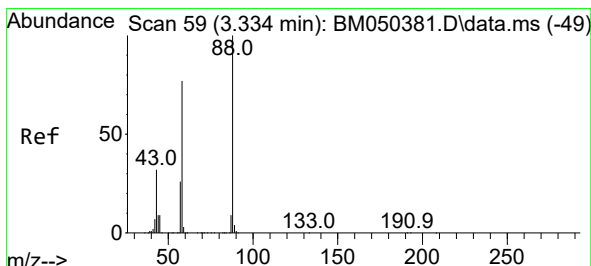
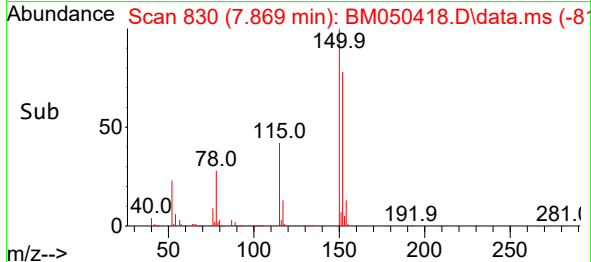
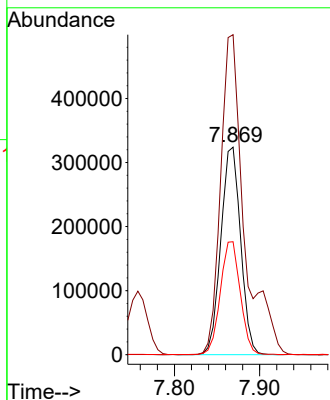
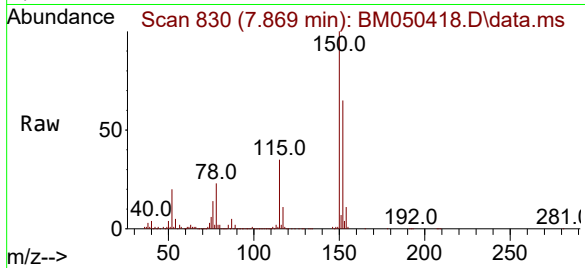




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.869 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

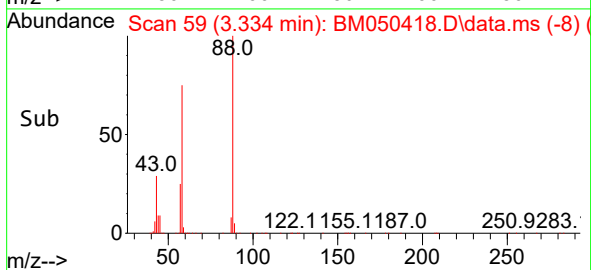
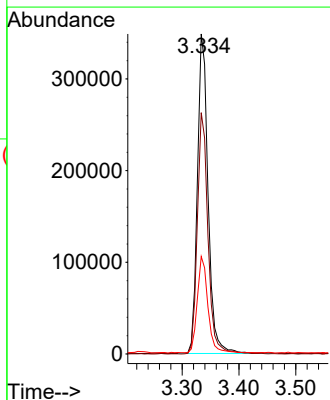
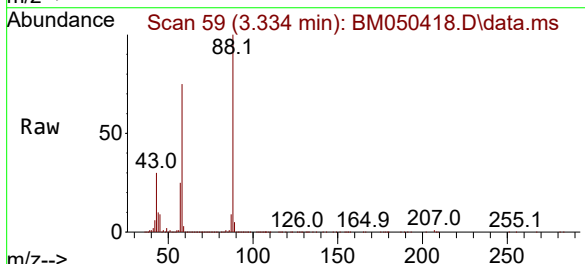
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

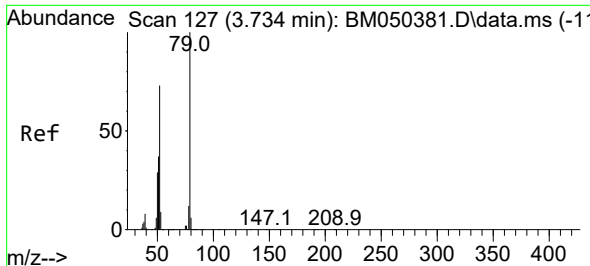
Tgt Ion:152 Resp: 521904  
Ion Ratio Lower Upper  
152 100  
150 154.2 126.2 189.4  
115 54.4 45.8 68.8



#2  
1,4-Dioxane  
Concen: 36.602 ng  
RT: 3.334 min Scan# 59  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion: 88 Resp: 456347  
Ion Ratio Lower Upper  
88 100  
58 75.5 61.0 91.6  
43 29.7 24.6 37.0



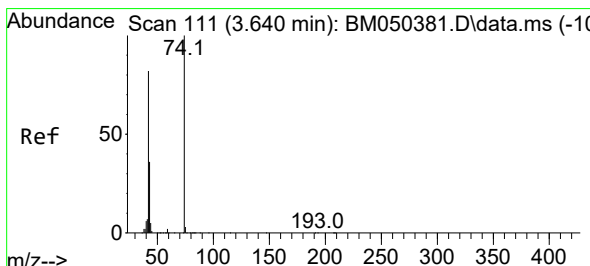
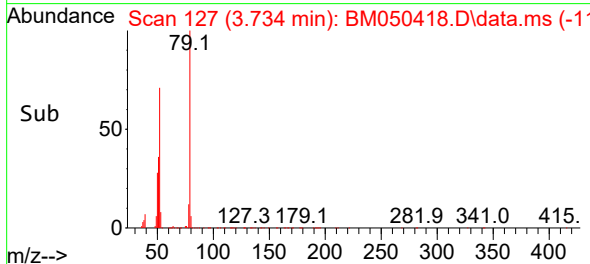
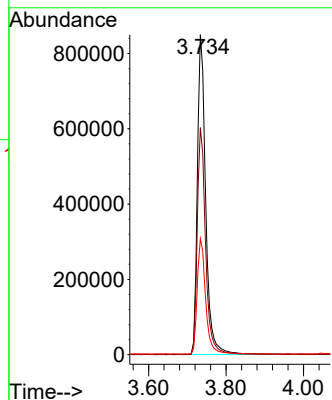
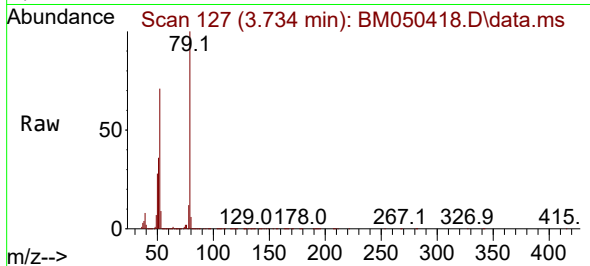


#3  
 Pyridine  
 Concen: 38.606 ng  
 RT: 3.734 min Scan# 111  
 Delta R.T. -0.000 min  
 Lab File: BM050418.D  
 Acq: 11 Jul 2025 18:38

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 79 Resp: 1263663

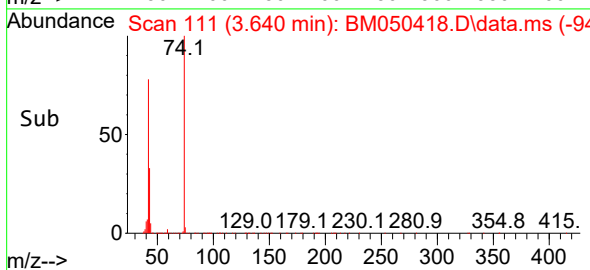
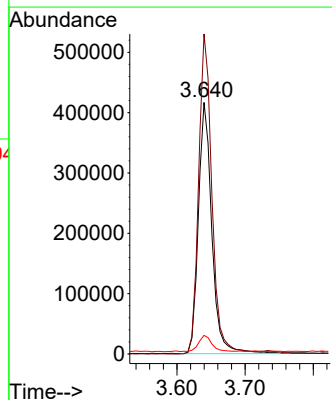
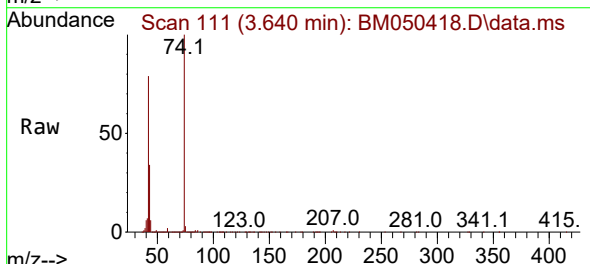
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 70.9  | 58.3  | 87.5  |
| 51  | 36.2  | 29.6  | 44.4  |

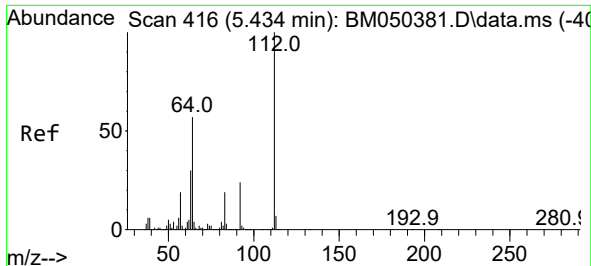


#4  
 n-Nitrosodimethylamine  
 Concen: 37.491 ng  
 RT: 3.640 min Scan# 111  
 Delta R.T. -0.000 min  
 Lab File: BM050418.D  
 Acq: 11 Jul 2025 18:38

Tgt Ion: 42 Resp: 572092

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 127.2 | 97.5  | 146.3 |
| 44  | 7.4   | 5.7   | 8.5   |

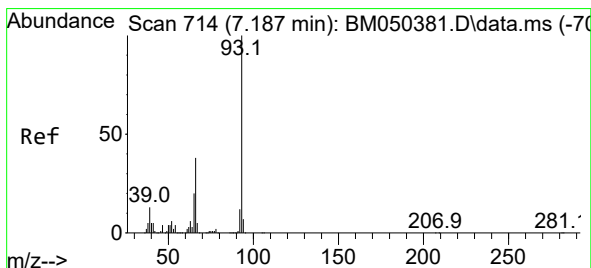
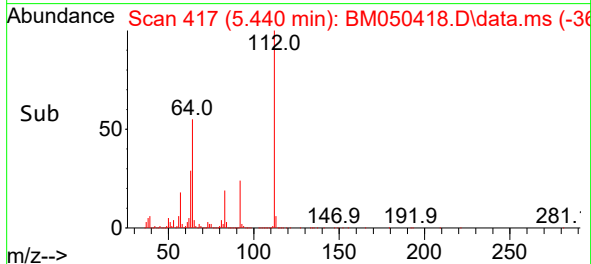
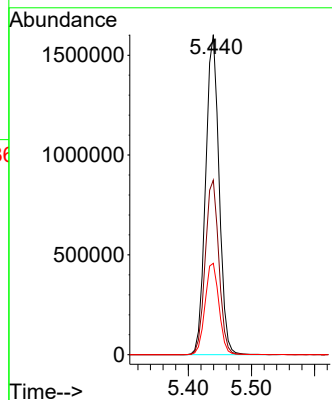
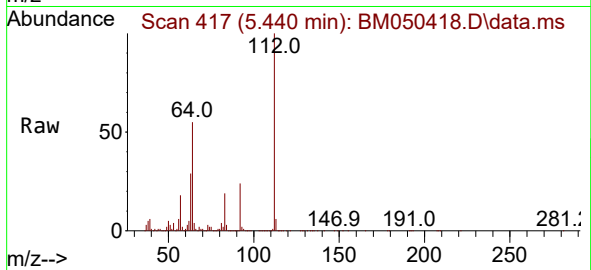




#5  
2-Fluorophenol  
Concen: 78.396 ng  
RT: 5.440 min Scan# 416  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

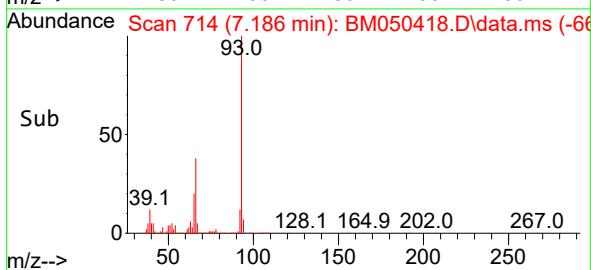
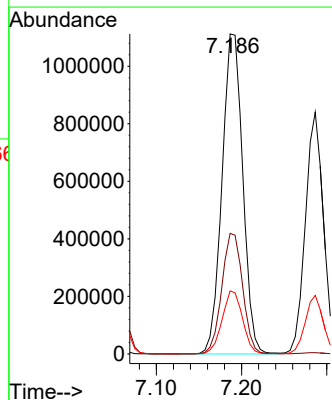
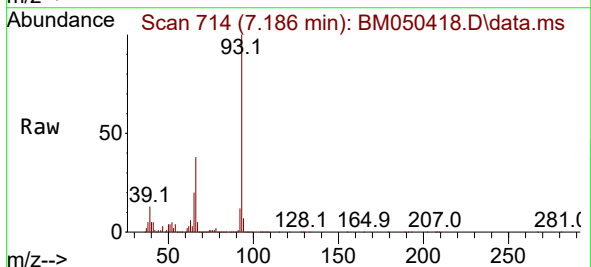
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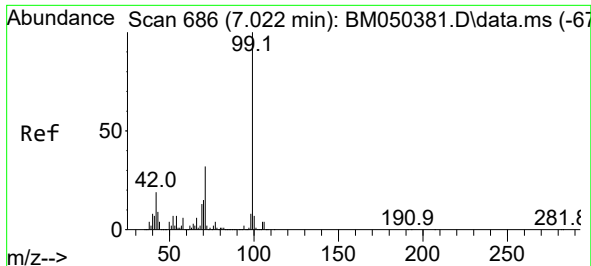
Tgt Ion:112 Resp: 2376979  
Ion Ratio Lower Upper  
112 100  
64 54.5 45.5 68.3  
63 28.6 24.2 36.4



#6  
Aniline  
Concen: 38.342 ng  
RT: 7.186 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion: 93 Resp: 1880736  
Ion Ratio Lower Upper  
93 100  
66 37.7 30.5 45.7  
65 19.7 15.9 23.9

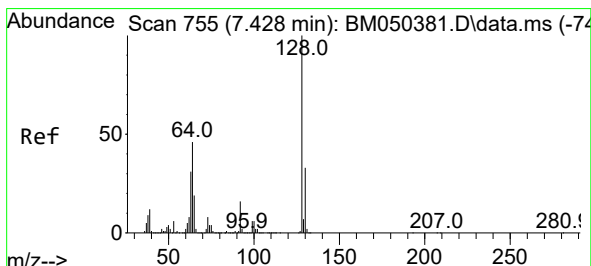
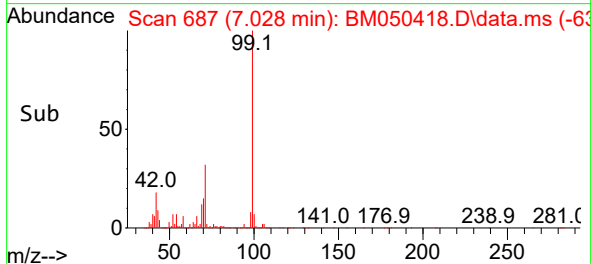
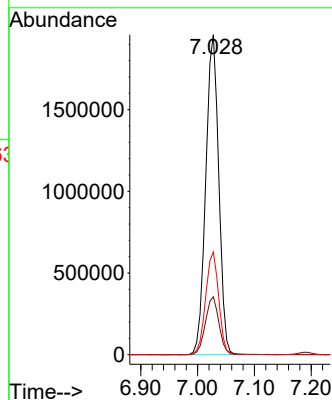
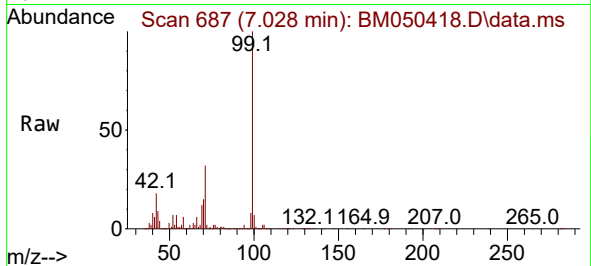




#7  
Phenol-d6  
Concen: 81.124 ng  
RT: 7.028 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

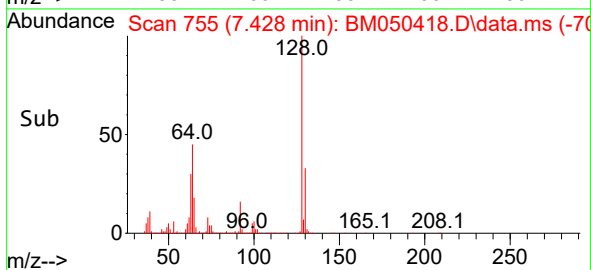
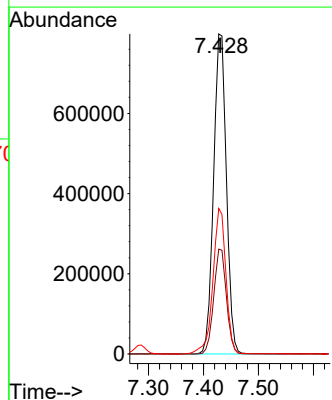
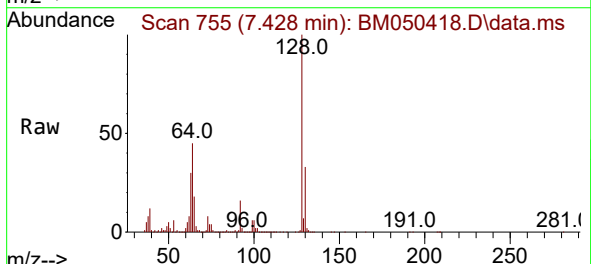
Instrument :  
BNA\_M  
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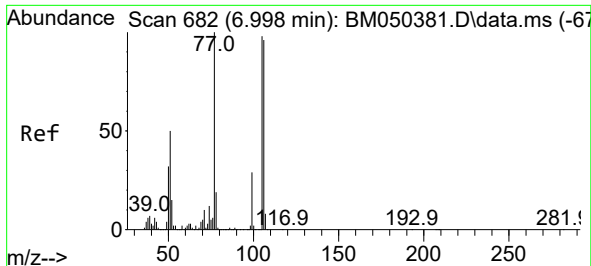
Tgt Ion: 99 Resp: 3100708  
Ion Ratio Lower Upper  
99 100  
42 18.1 15.0 22.6  
71 32.1 25.9 38.9



#8  
2-Chlorophenol  
Concen: 40.419 ng  
RT: 7.428 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion: 128 Resp: 1292227  
Ion Ratio Lower Upper  
128 100  
130 32.7 13.3 53.3  
64 45.5 25.6 65.6

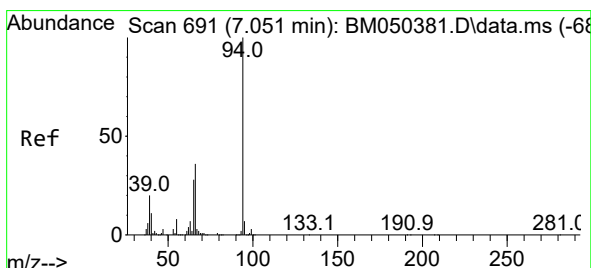
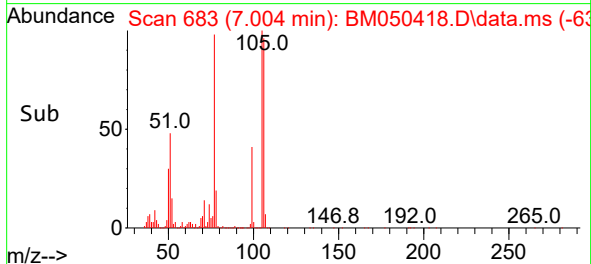
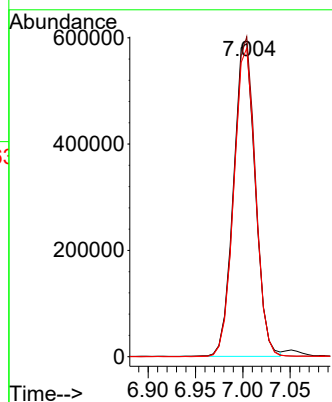
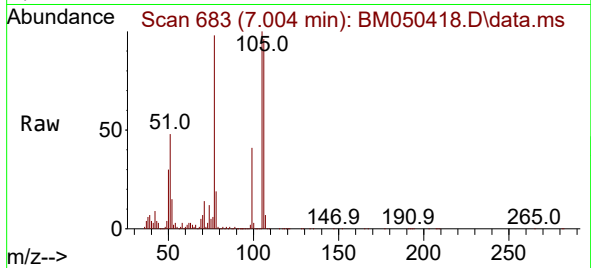




#9  
Benzaldehyde  
Concen: 41.519 ng  
RT: 7.004 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

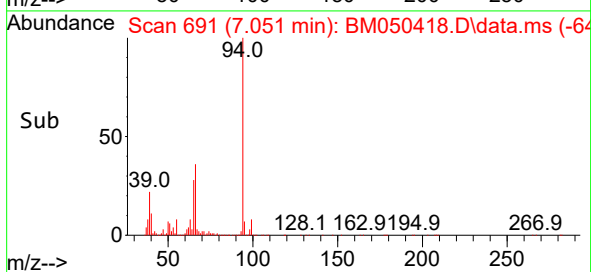
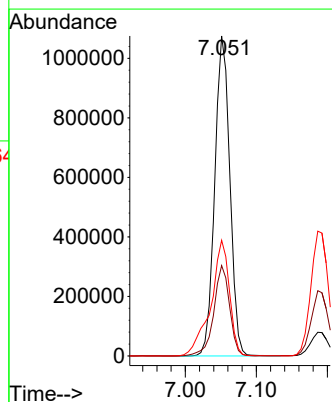
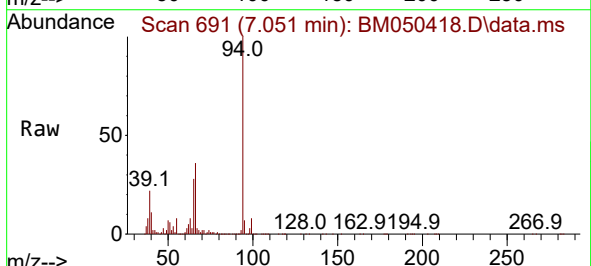
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

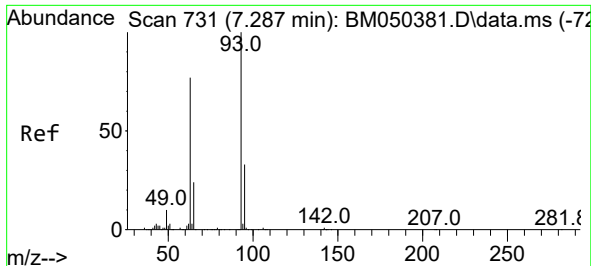
Tgt Ion: 77 Resp: 944014  
Ion Ratio Lower Upper  
77 100  
105 102.3 78.4 118.4  
106 98.6 76.3 116.3



#10  
Phenol  
Concen: 39.751 ng  
RT: 7.051 min Scan# 691  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion: 94 Resp: 1584688  
Ion Ratio Lower Upper  
94 100  
65 28.2 8.1 48.1  
66 36.2 15.8 55.8

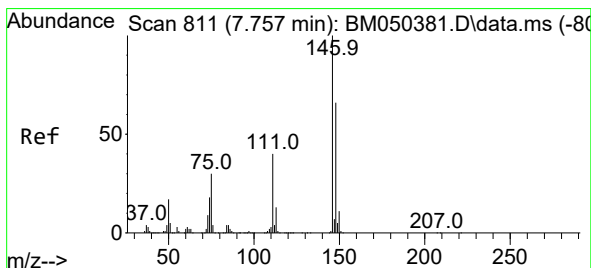
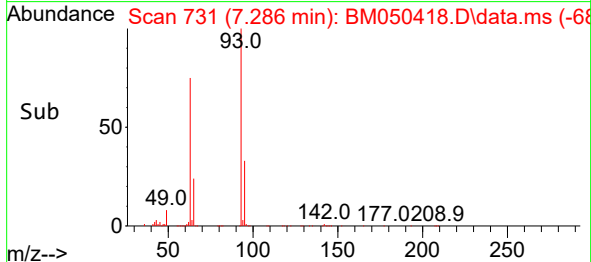
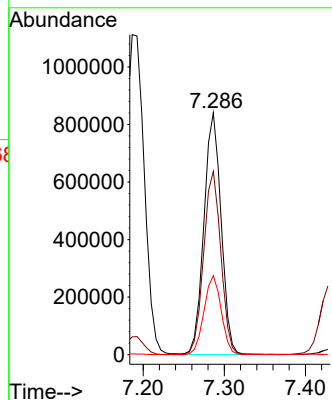
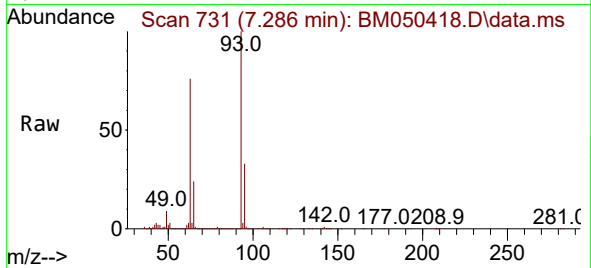




#11  
bis(2-Chloroethyl)ether  
Concen: 38.565 ng  
RT: 7.286 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

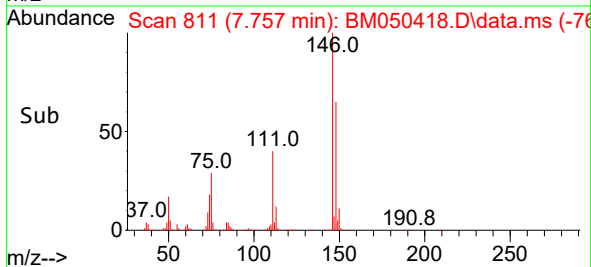
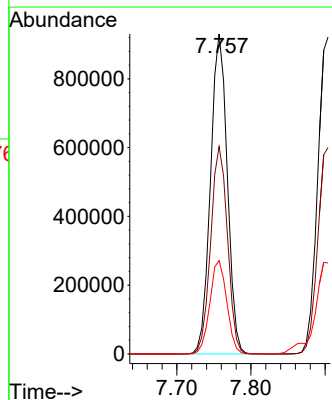
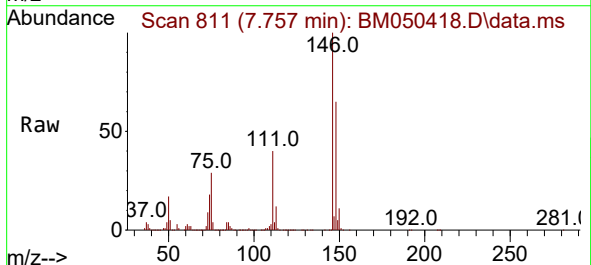
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

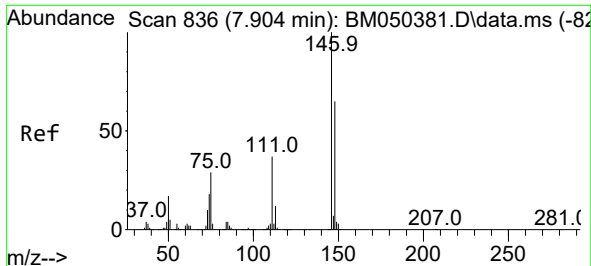
Tgt Ion: 93 Resp: 1231245  
Ion Ratio Lower Upper  
93 100  
63 75.8 56.9 96.9  
95 32.7 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 37.607 ng  
RT: 7.757 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:146 Resp: 1461990  
Ion Ratio Lower Upper  
146 100  
148 64.8 53.2 79.8  
75 29.2 23.9 35.9

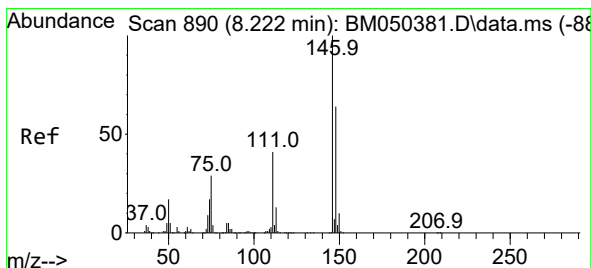
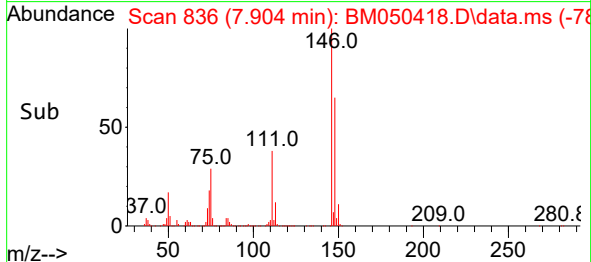
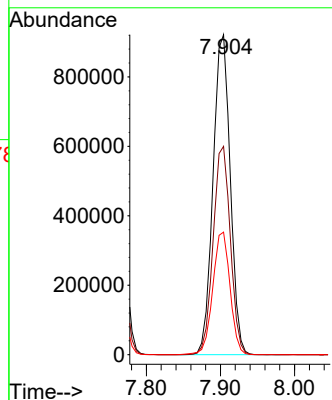
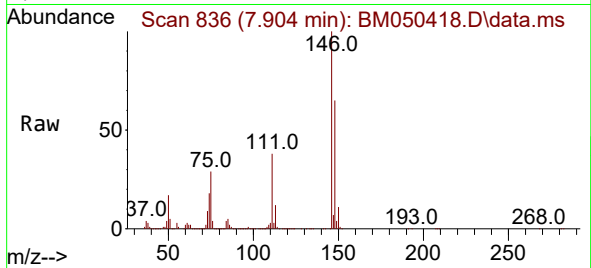




#13  
1,4-Dichlorobenzene  
Concen: 37.389 ng  
RT: 7.904 min Scan# 836  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

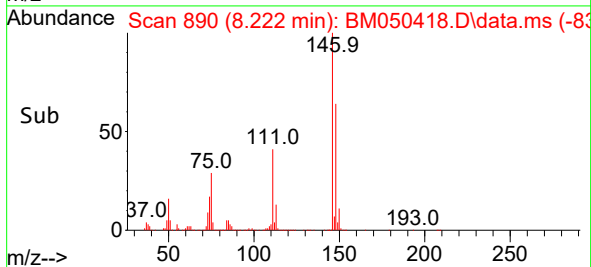
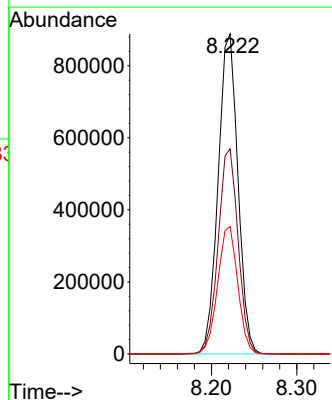
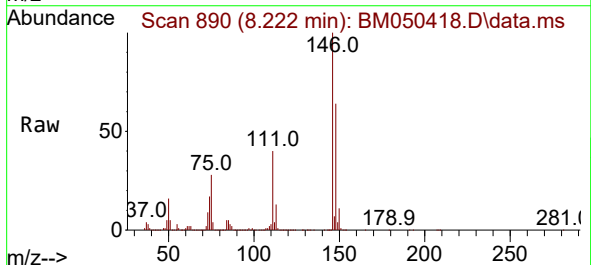
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

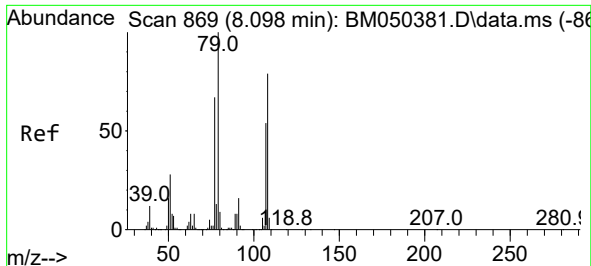
Tgt Ion:146 Resp: 1484159  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.9 77.9  
111 38.3 30.0 45.0



#14  
1,2-Dichlorobenzene  
Concen: 37.697 ng  
RT: 8.222 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:146 Resp: 1432622  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.5 77.3  
111 39.8 32.6 49.0





#15

Benzyl Alcohol

Concen: 41.310 ng

RT: 8.098 min Scan# 869

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

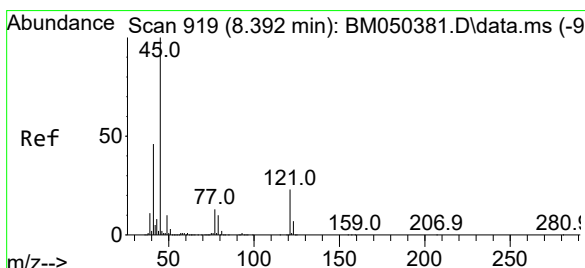
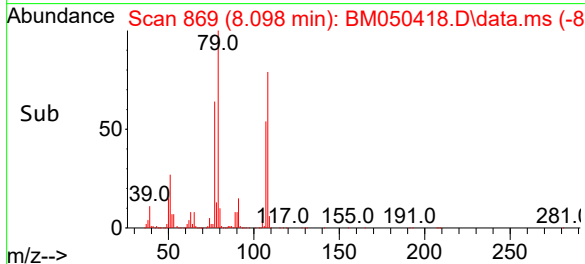
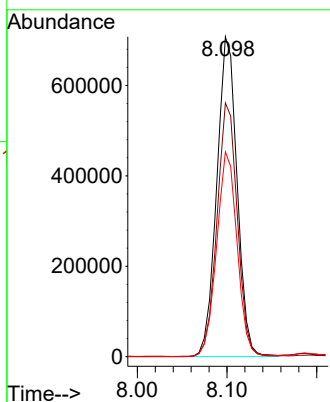
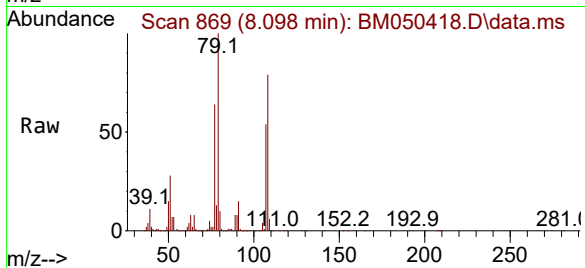
BNA\_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 1112499

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 79.3  | 63.0  | 94.4  |
| 77  | 64.0  | 53.4  | 80.0  |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.280 ng

RT: 8.392 min Scan# 919

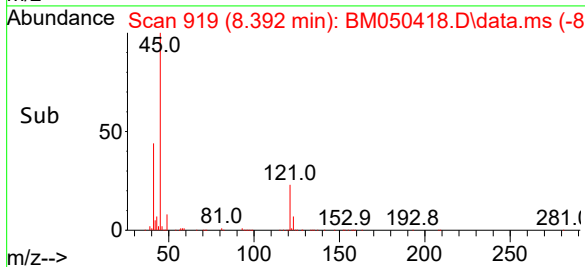
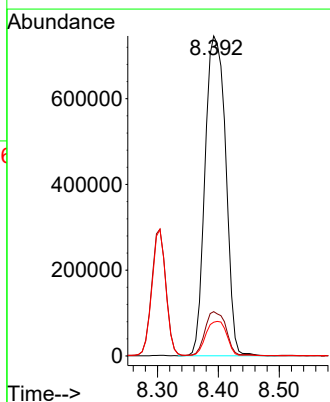
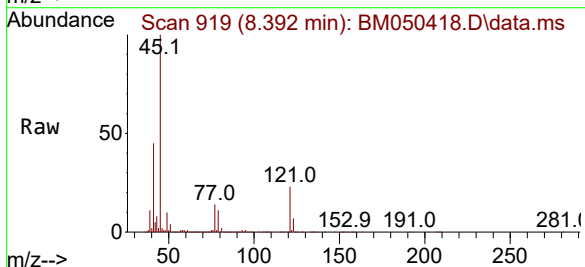
Delta R.T. -0.000 min

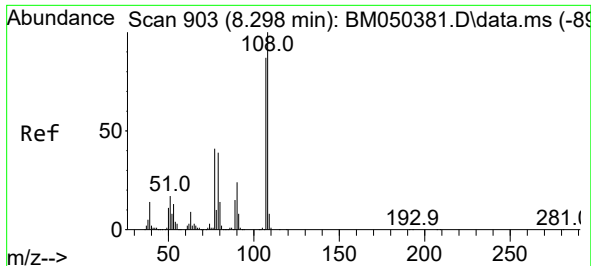
Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Tgt Ion: 45 Resp: 1753141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 13.8  | 0.0   | 33.5  |
| 79  | 10.5  | 0.0   | 30.3  |





#17

2-Methylphenol

Concen: 40.166 ng

RT: 8.304 min Scan# 903

Delta R.T. 0.006 min

Lab File: BM050418.D

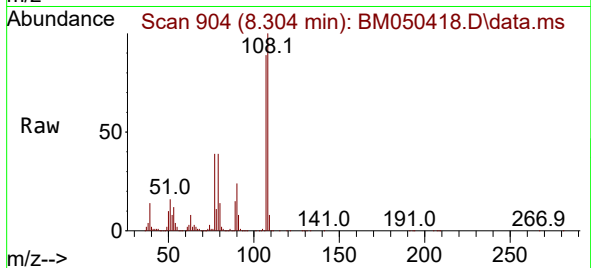
Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:107 Resp: 1038531

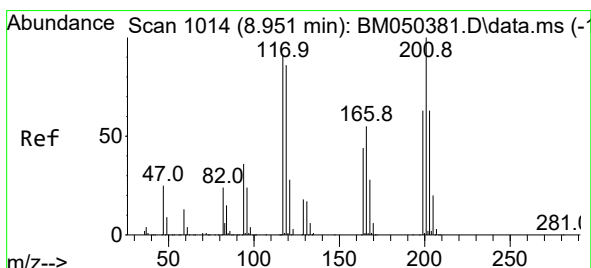
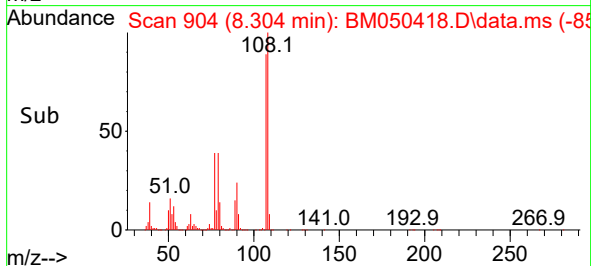
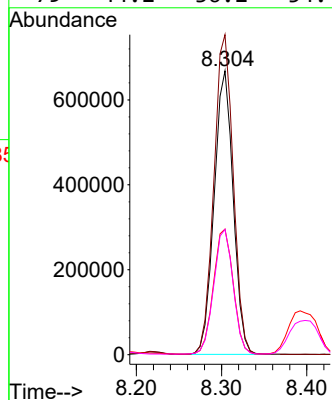
Ion Ratio Lower Upper

107 100

108 112.8 92.1 138.1

77 44.3 38.2 57.4

79 44.2 36.2 54.4



#18

Hexachloroethane

Concen: 38.542 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

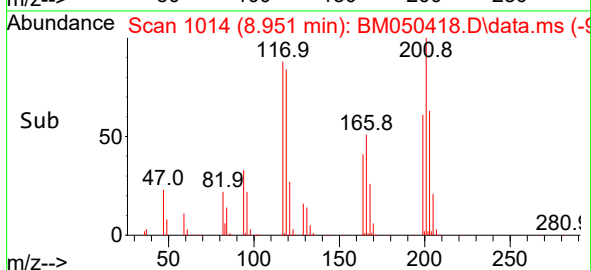
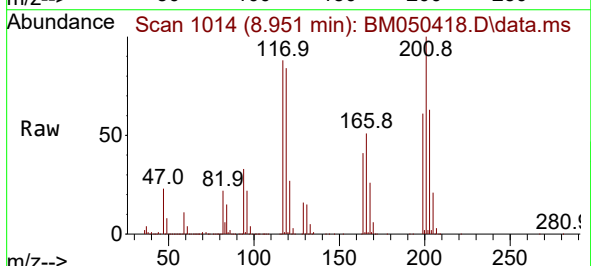
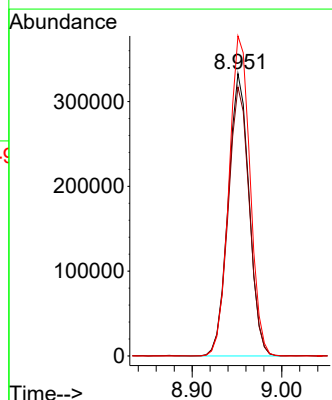
Tgt Ion:117 Resp: 538070

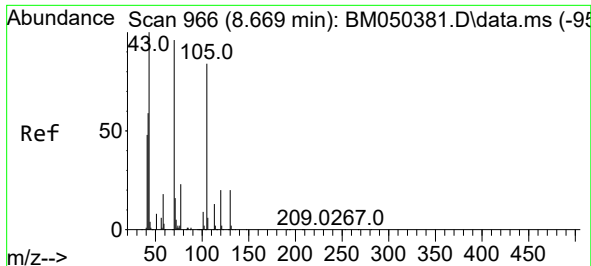
Ion Ratio Lower Upper

117 100

119 95.3 75.6 113.4

201 113.3 87.9 131.9

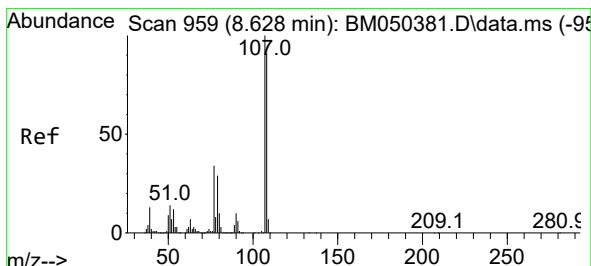
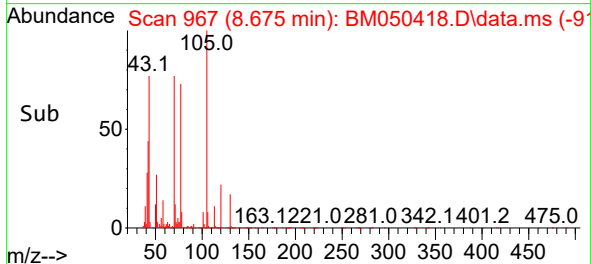
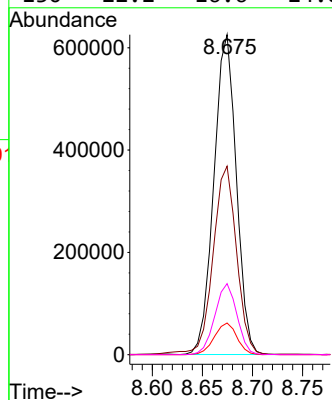
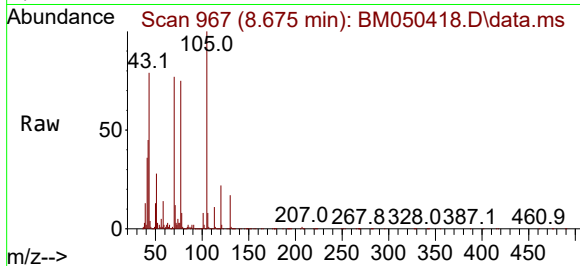




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.001 ng  
RT: 8.675 min Scan# 966  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

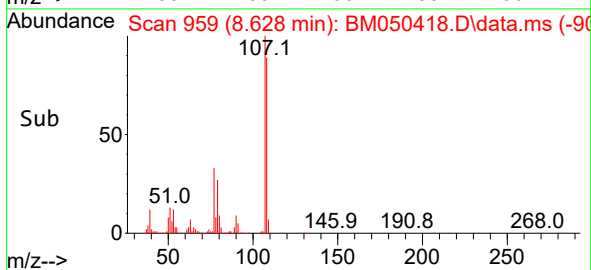
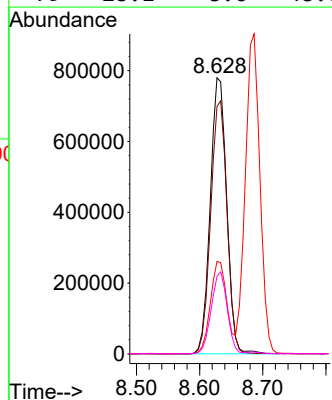
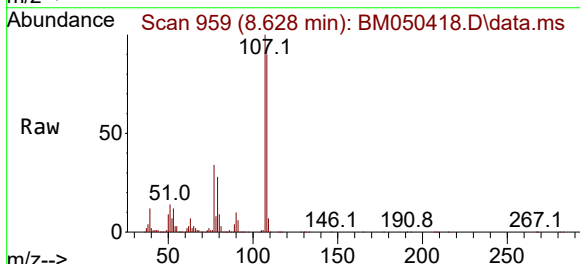
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

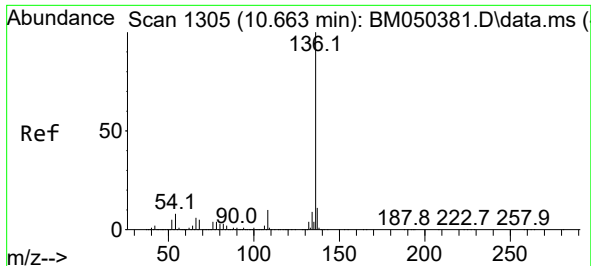
Tgt Ion: 70 Resp: 972512  
Ion Ratio Lower Upper  
70 100  
42 58.9 49.7 74.5  
101 9.9 7.7 11.5  
130 22.2 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 40.659 ng  
RT: 8.628 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion: 107 Resp: 1411286  
Ion Ratio Lower Upper  
107 100  
108 89.6 71.5 111.5  
77 33.5 13.7 53.7  
79 28.1 8.6 48.6

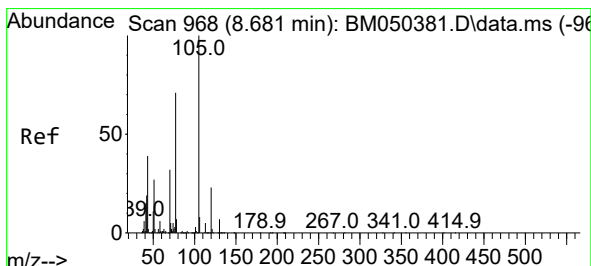
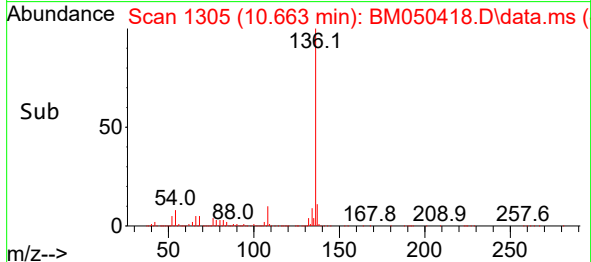
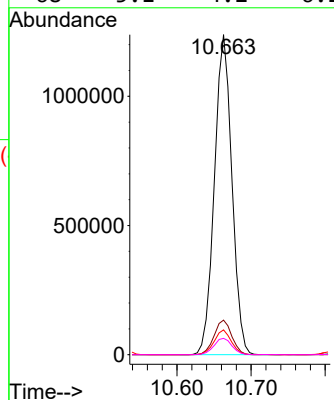
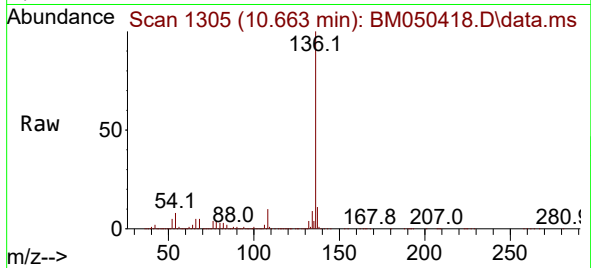




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

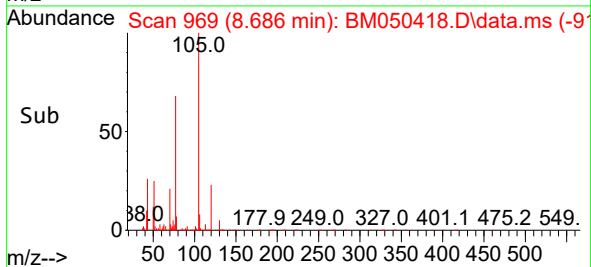
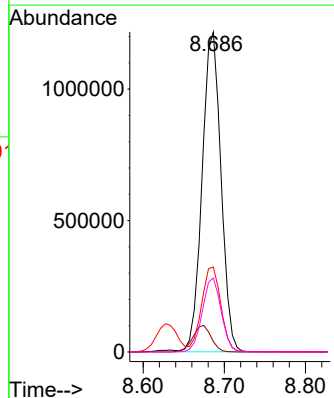
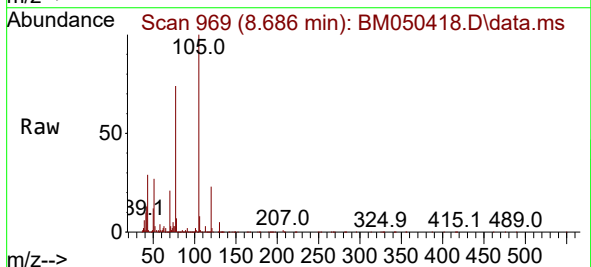
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

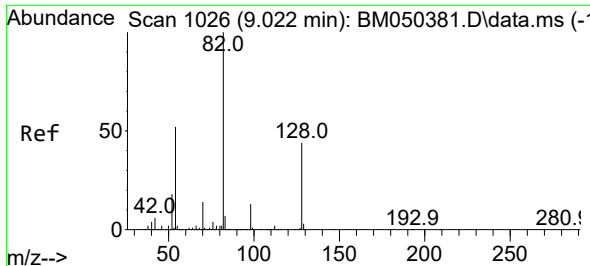
Tgt Ion:136 Resp: 2025688  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 7.7 6.3 9.5  
68 5.1 4.2 6.2



#22  
Acetophenone  
Concen: 38.686 ng  
RT: 8.686 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:105 Resp: 1959318  
Ion Ratio Lower Upper  
105 100  
71 3.3 4.4 6.6#  
51 26.5 23.0 34.6  
120 23.1 18.3 27.5

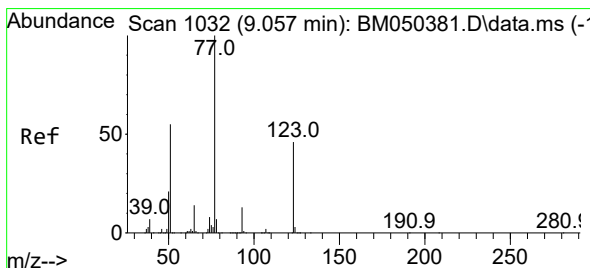
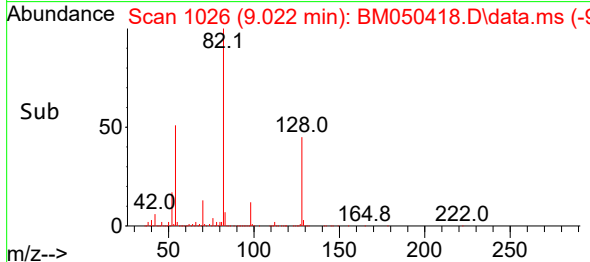
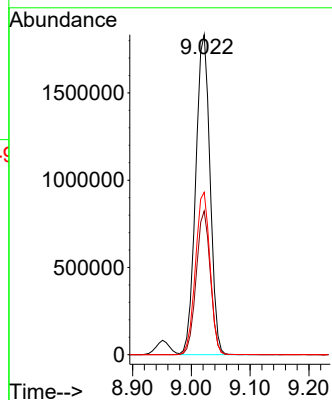
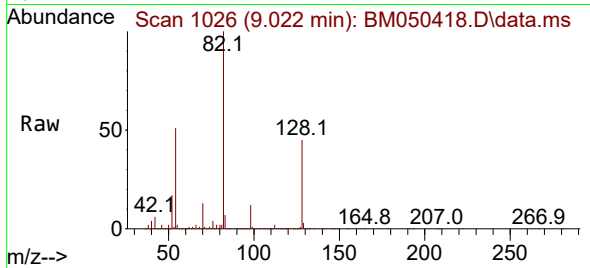




#23  
Nitrobenzene-d5  
Concen: 78.186 ng  
RT: 9.022 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

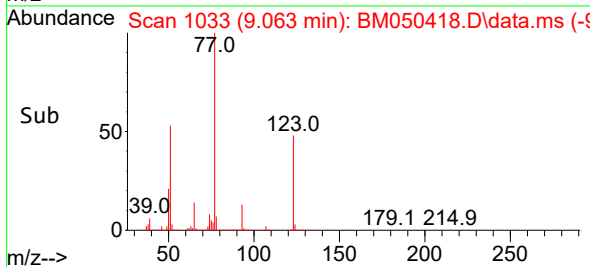
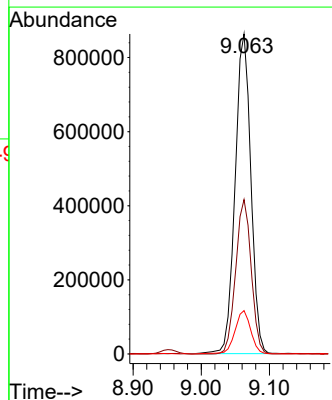
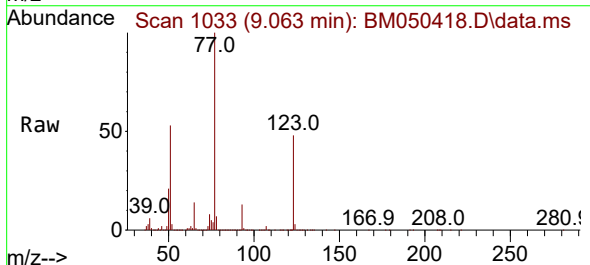
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

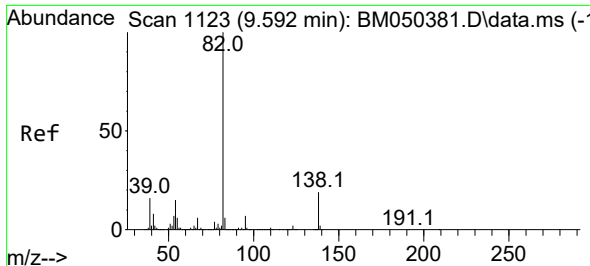
Tgt Ion: 82 Resp: 3104408  
Ion Ratio Lower Upper  
82 100  
128 44.9 35.2 52.8  
54 50.8 41.5 62.3



#24  
Nitrobenzene  
Concen: 39.068 ng  
RT: 9.063 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion: 77 Resp: 1384246  
Ion Ratio Lower Upper  
77 100  
123 48.3 37.0 55.6  
65 13.5 11.0 16.4

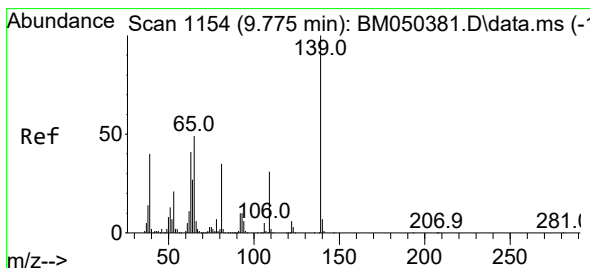
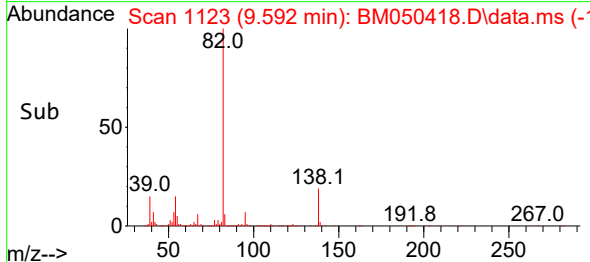
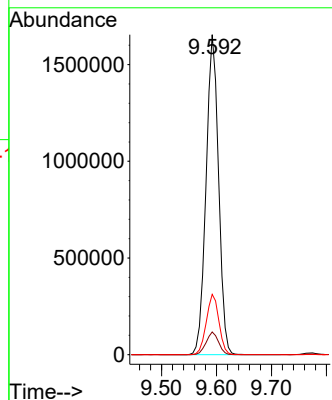
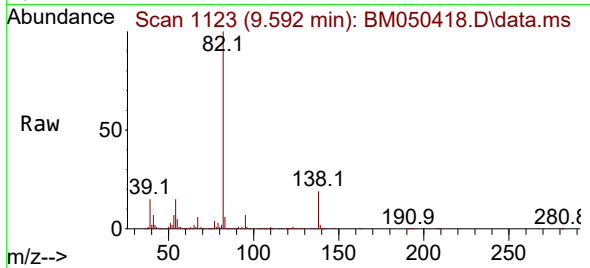




#25  
Isophorone  
Concen: 40.499 ng  
RT: 9.592 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

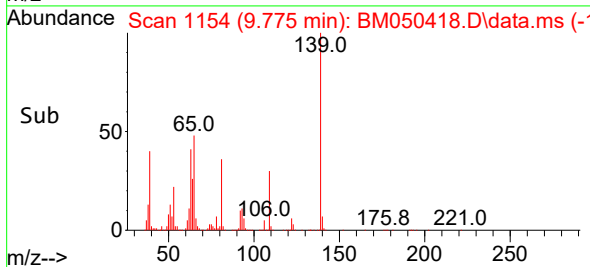
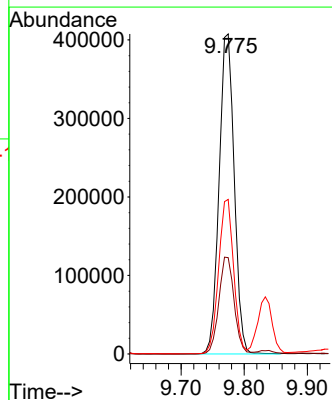
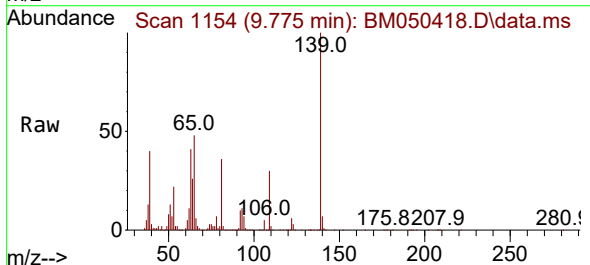
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

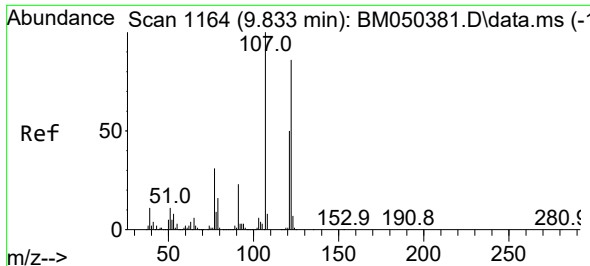
Tgt Ion: 82 Resp: 2609294  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.6 8.4  
138 18.9 15.3 22.9



#26  
2-Nitrophenol  
Concen: 46.852 ng  
RT: 9.775 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion: 139 Resp: 676560  
Ion Ratio Lower Upper  
139 100  
109 30.1 24.6 36.8  
65 48.3 39.2 58.8

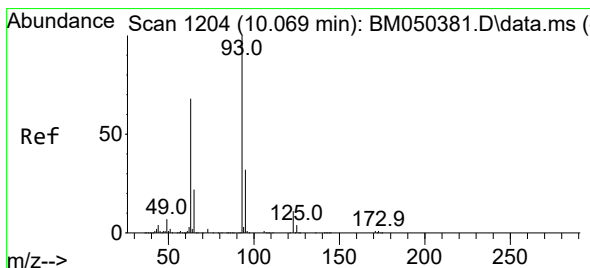
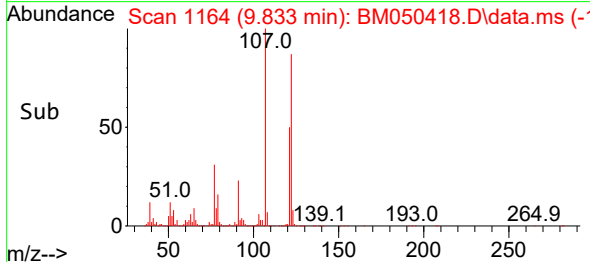
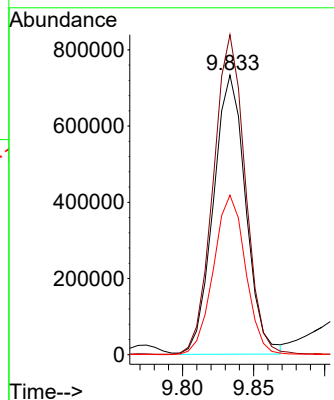
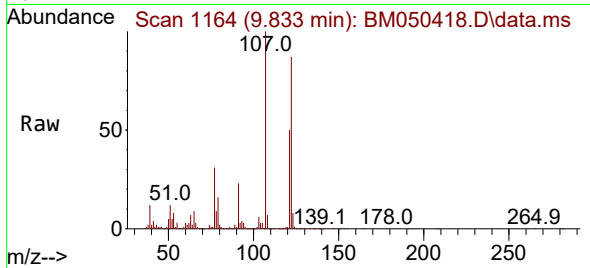




#27  
2,4-Dimethylphenol  
Concen: 37.778 ng  
RT: 9.833 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

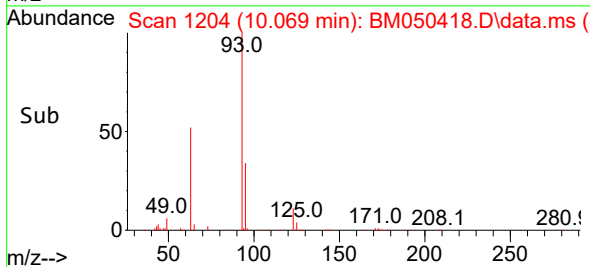
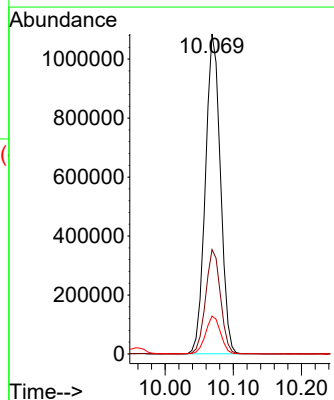
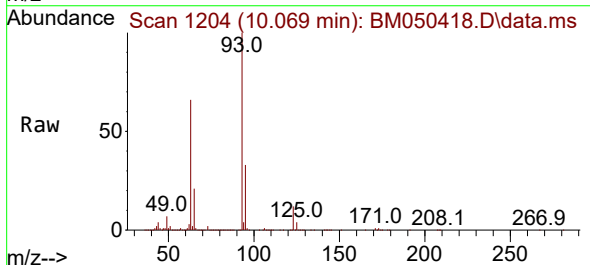
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

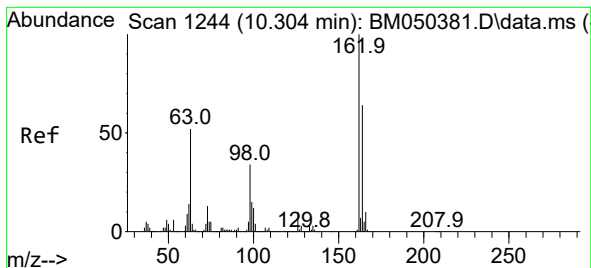
Tgt Ion:122 Resp: 1160828  
Ion Ratio Lower Upper  
122 100  
107 114.5 93.0 139.6  
121 57.1 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.987 ng  
RT: 10.069 min Scan# 1204  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion: 93 Resp: 1664465  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.8 38.6  
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.315 ng

RT: 10.310 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

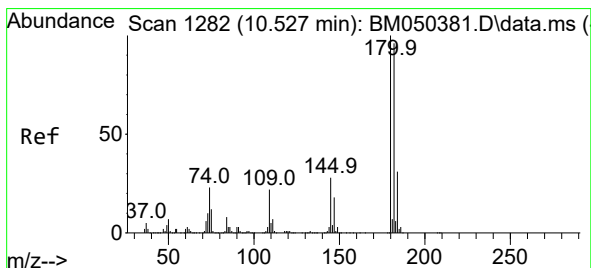
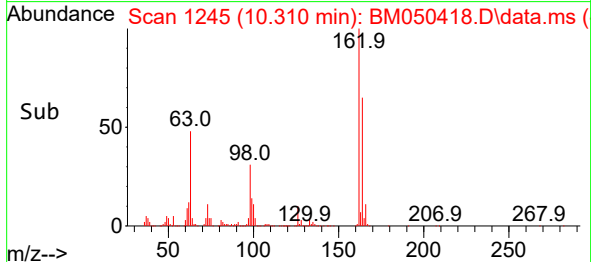
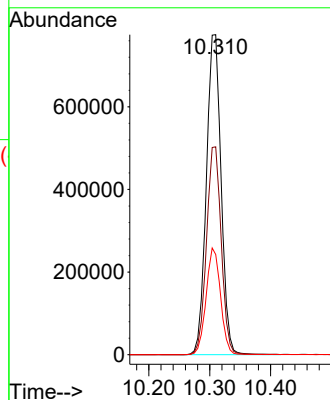
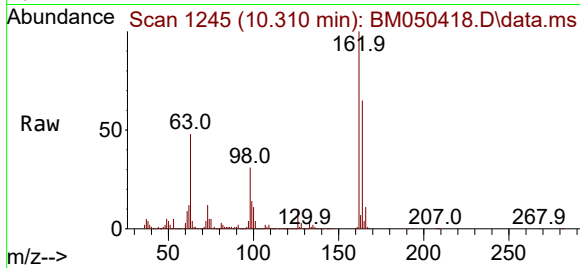
Tgt Ion:162 Resp: 1304245

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

98 31.3 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 38.662 ng

RT: 10.527 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

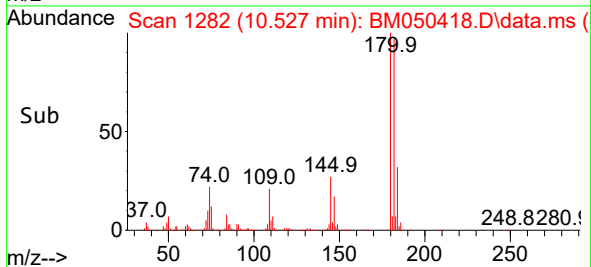
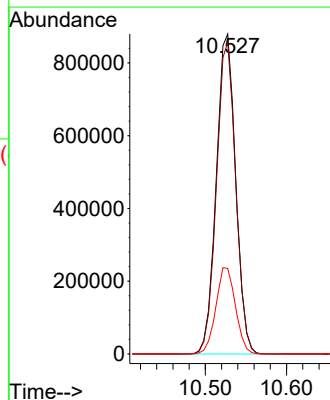
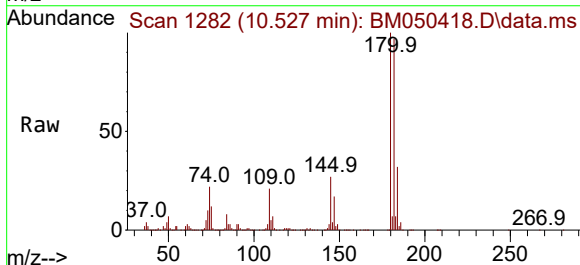
Tgt Ion:180 Resp: 1460055

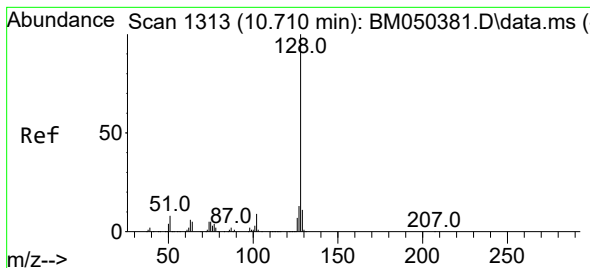
Ion Ratio Lower Upper

180 100

182 97.4 76.8 115.2

145 26.8 22.6 33.8

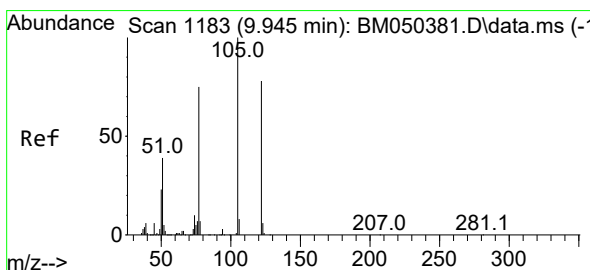
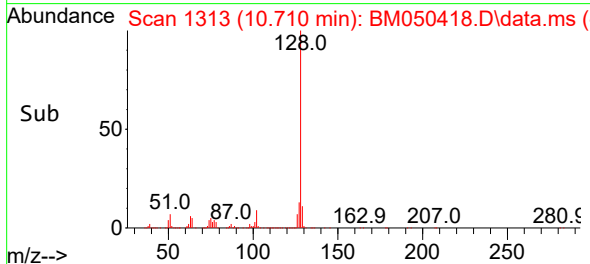
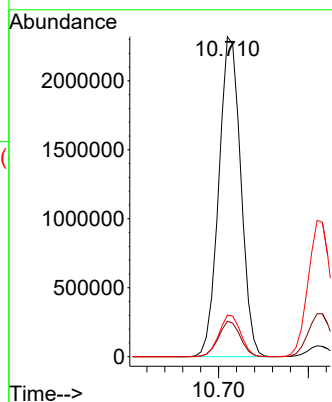
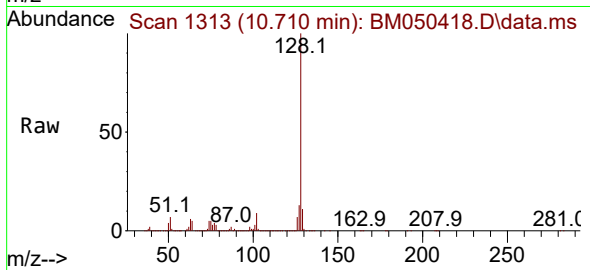




#31  
Naphthalene  
Concen: 38.340 ng  
RT: 10.710 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

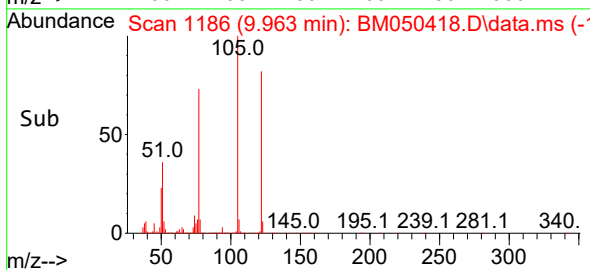
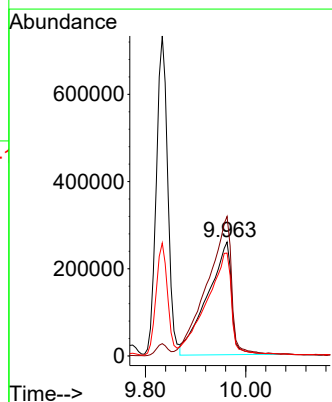
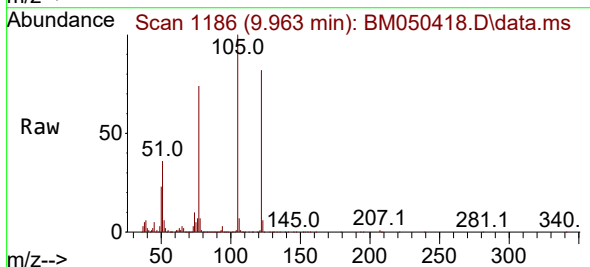
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

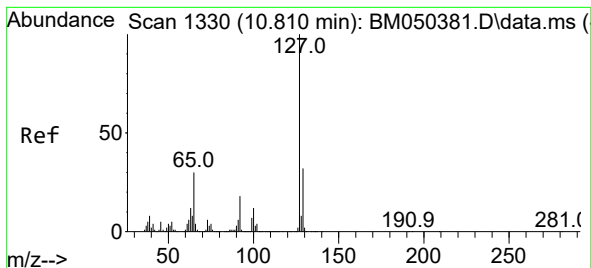
Tgt Ion:128 Resp: 3944795  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 46.203 ng  
RT: 9.963 min Scan# 1186  
Delta R.T. 0.018 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:122 Resp: 866606  
Ion Ratio Lower Upper  
122 100  
105 122.6 104.0 144.0  
77 90.4 73.8 113.8



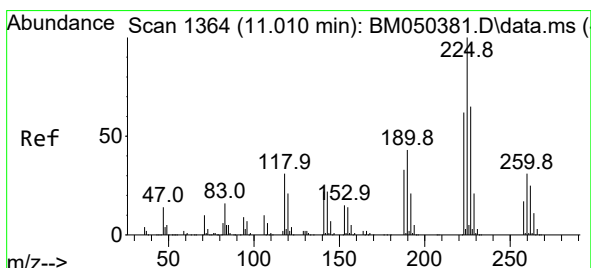
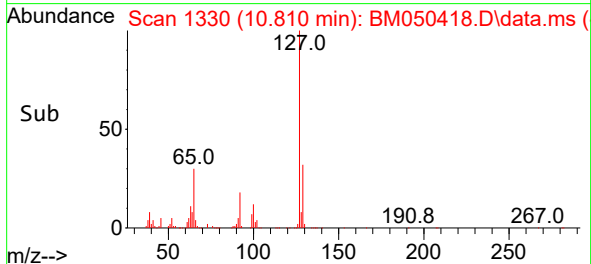
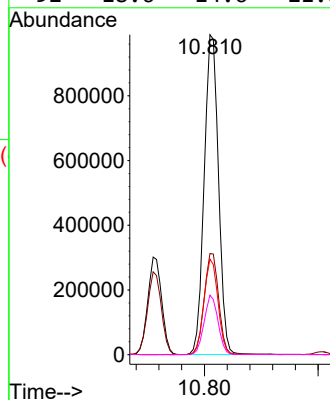
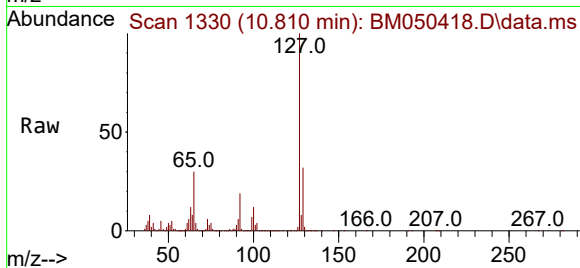


#33  
4-Chloroaniline  
Concen: 39.655 ng  
RT: 10.810 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:127 Resp: 1724915

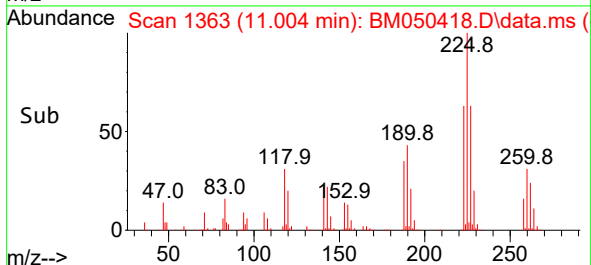
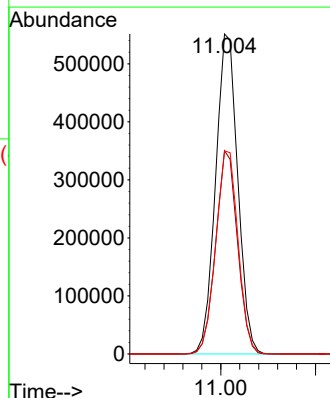
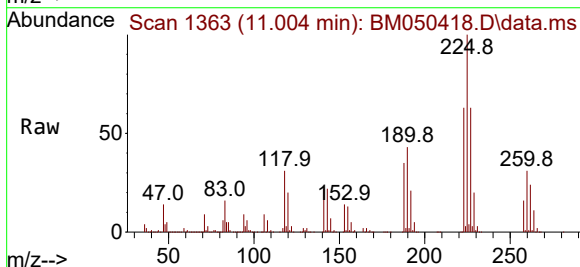
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 31.6  | 25.5  | 38.3  |
| 65  | 29.9  | 23.9  | 35.9  |
| 92  | 18.6  | 14.6  | 21.8  |

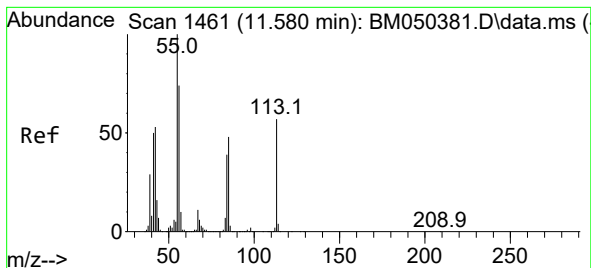


#34  
Hexachlorobutadiene  
Concen: 38.928 ng  
RT: 11.004 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:225 Resp: 897268

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.5  | 49.7  | 74.5  |
| 227 | 63.5  | 52.1  | 78.1  |

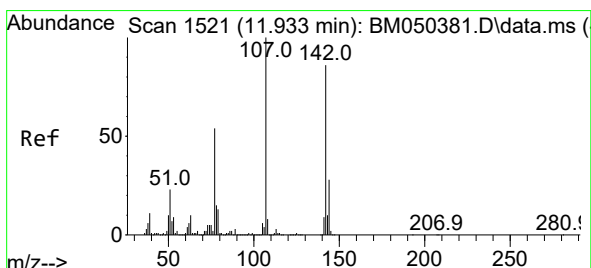
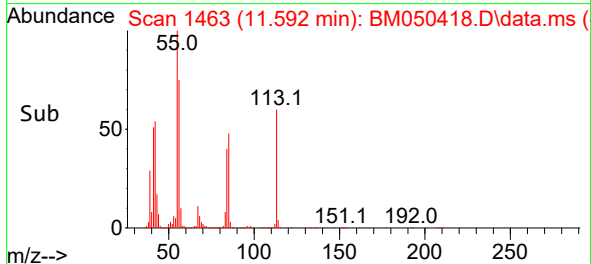
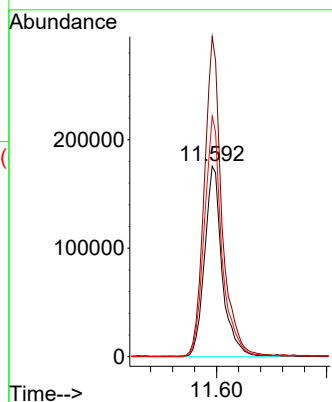
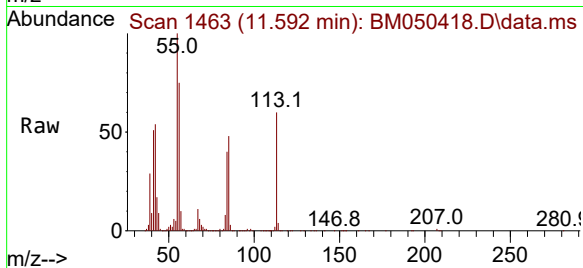




#35  
 Caprolactam  
 Concen: 45.028 ng  
 RT: 11.592 min Scan# 1463  
 Delta R.T. 0.012 min  
 Lab File: BM050418.D  
 Acq: 11 Jul 2025 18:38

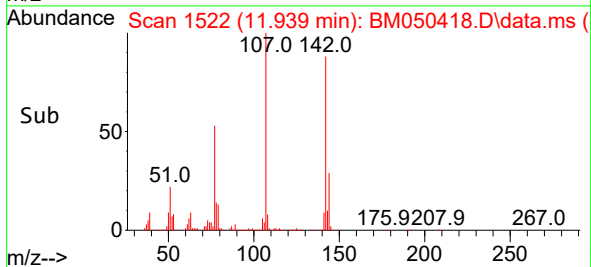
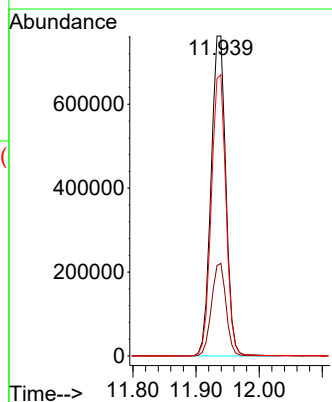
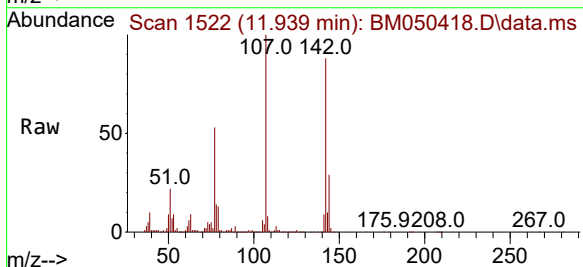
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

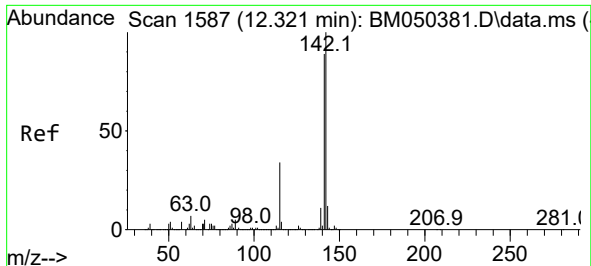
Tgt Ion:113 Resp: 388039  
 Ion Ratio Lower Upper  
 113 100  
 55 168.1 157.2 197.2  
 56 126.3 111.7 151.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.059 ng  
 RT: 11.939 min Scan# 1522  
 Delta R.T. 0.006 min  
 Lab File: BM050418.D  
 Acq: 11 Jul 2025 18:38

Tgt Ion:107 Resp: 1239848  
 Ion Ratio Lower Upper  
 107 100  
 144 28.9 22.2 33.4  
 142 87.9 68.7 103.1





#37

2-Methylnaphthalene

Concen: 40.573 ng

RT: 12.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

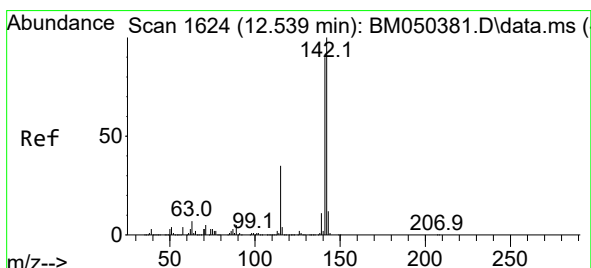
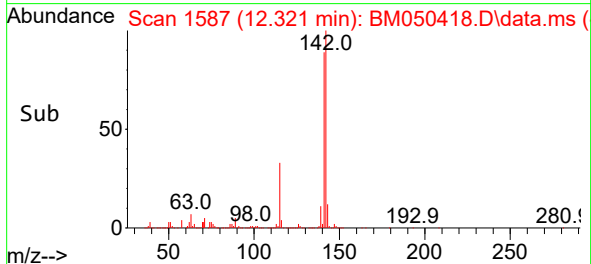
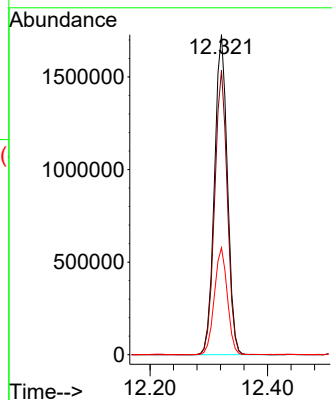
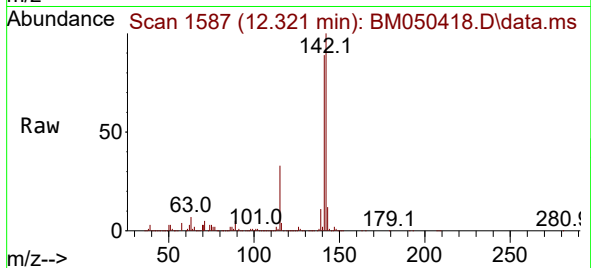
Tgt Ion:142 Resp: 2635872

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

115 33.4 27.0 40.4



#38

1-Methylnaphthalene

Concen: 39.868 ng

RT: 12.539 min Scan# 1624

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

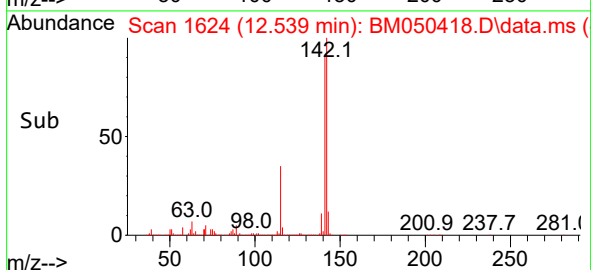
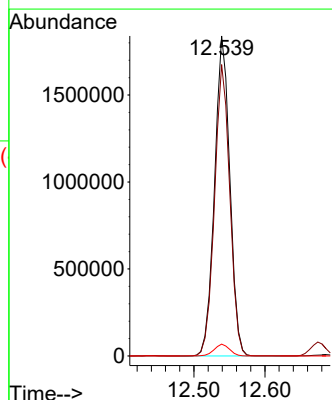
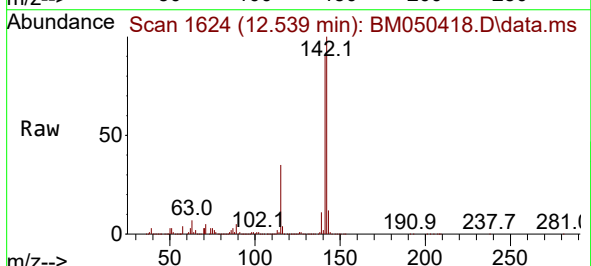
Tgt Ion:142 Resp: 2741039

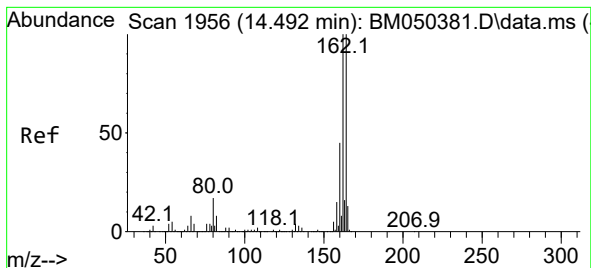
Ion Ratio Lower Upper

142 100

141 91.0 71.9 107.9

116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

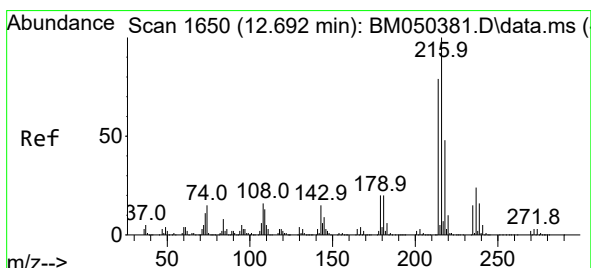
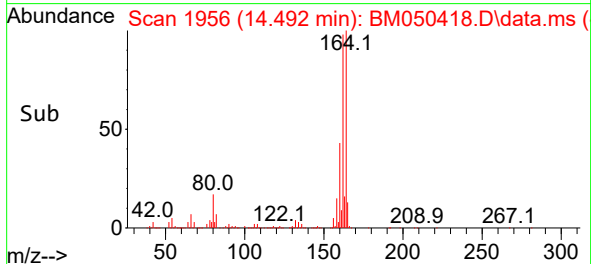
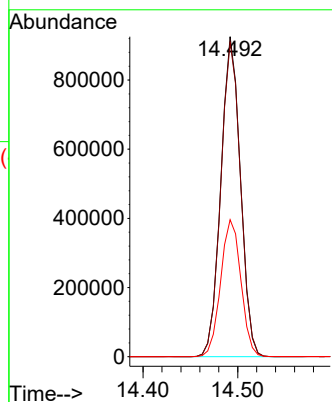
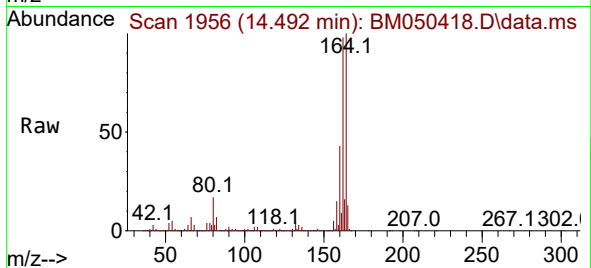
Tgt Ion:164 Resp: 1330908

Ion Ratio Lower Upper

164 100

162 98.3 79.9 119.9

160 42.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.469 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Tgt Ion:216 Resp: 1670493

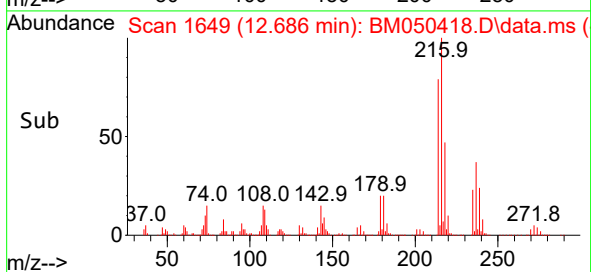
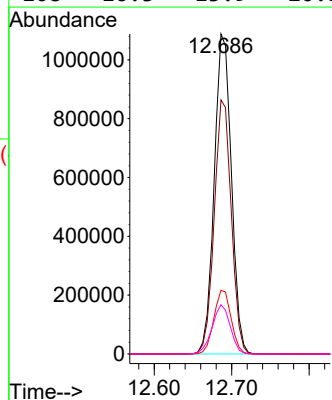
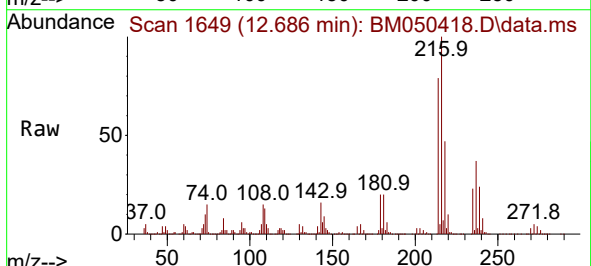
Ion Ratio Lower Upper

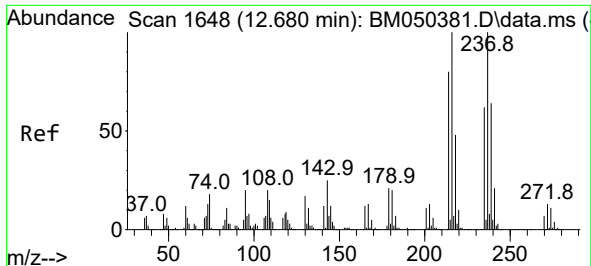
216 100

214 79.0 63.3 94.9

179 20.1 16.4 24.6

108 16.3 13.9 20.9

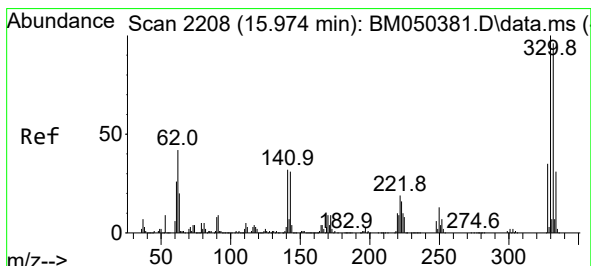
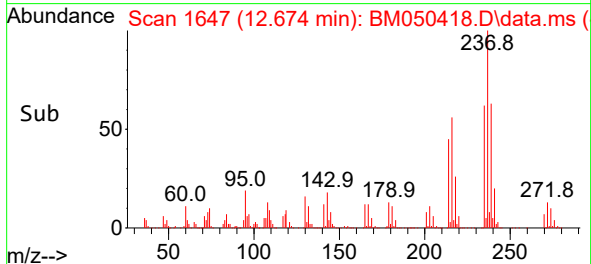
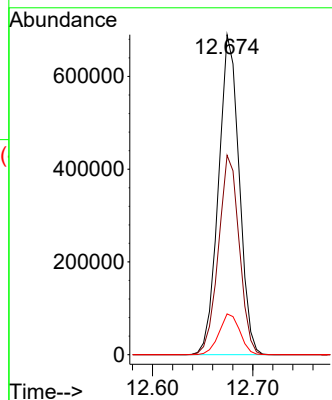
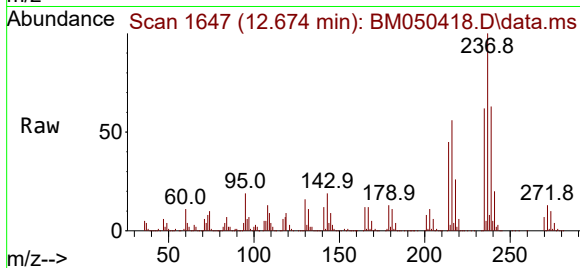




#41  
Hexachlorocyclopentadiene  
Concen: 36.426 ng  
RT: 12.674 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

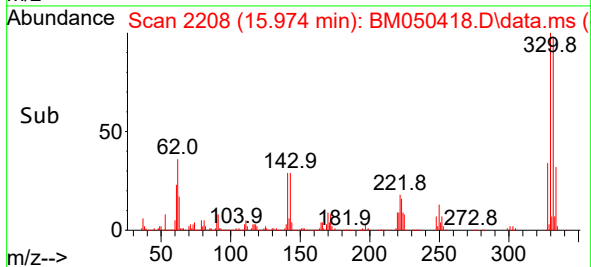
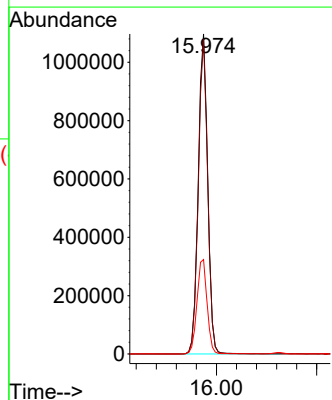
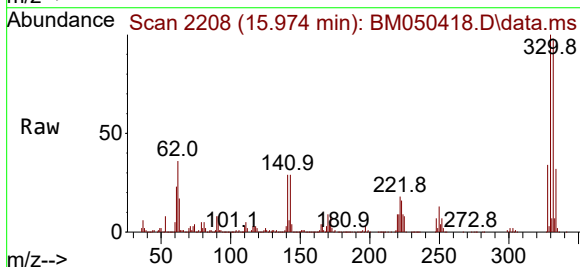
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

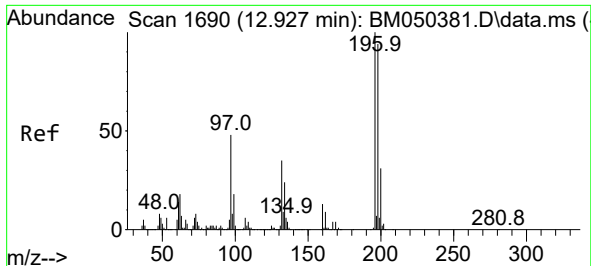
Tgt Ion:237 Resp: 985478  
Ion Ratio Lower Upper  
237 100  
235 62.3 42.3 82.3  
272 12.7 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 88.776 ng  
RT: 15.974 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:330 Resp: 1435561  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.9 115.3  
141 31.6 27.4 41.0

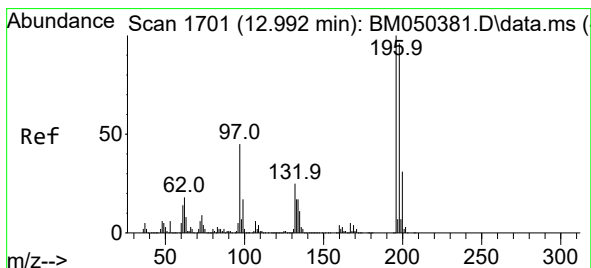
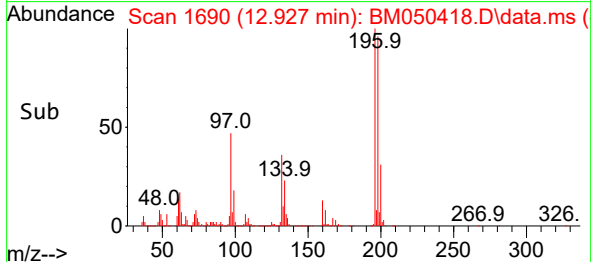
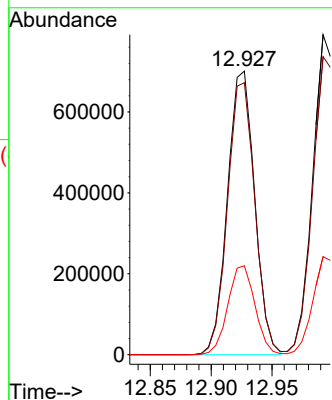
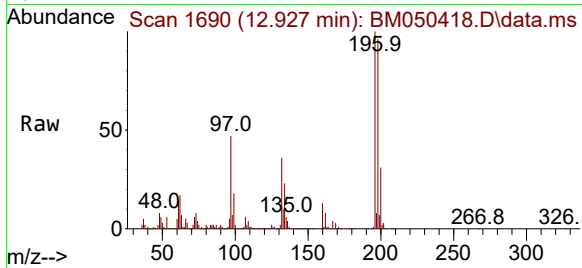




#43  
2,4,6-Trichlorophenol  
Concen: 41.919 ng  
RT: 12.927 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

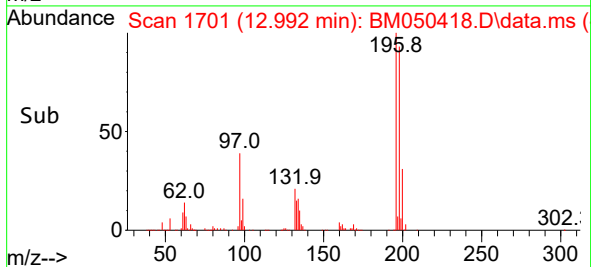
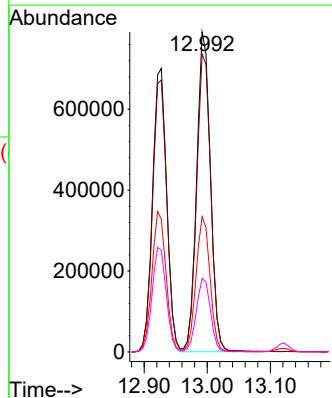
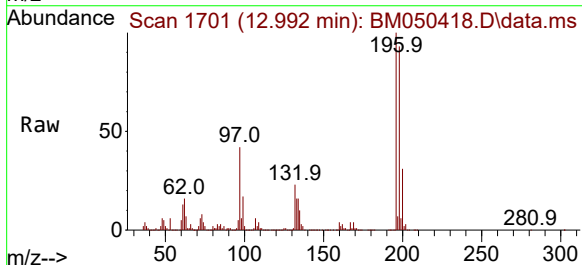
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

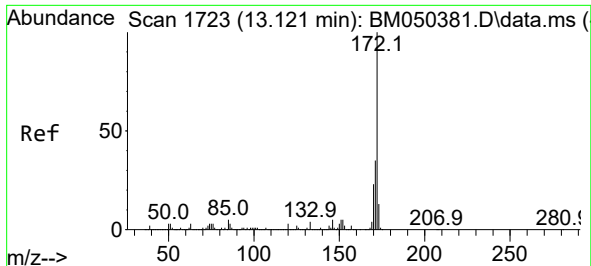
Tgt Ion:196 Resp: 1092089  
Ion Ratio Lower Upper  
196 100  
198 95.9 75.1 112.7  
200 31.4 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 42.098 ng  
RT: 12.992 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:196 Resp: 1197773  
Ion Ratio Lower Upper  
196 100  
198 93.1 77.2 115.8  
97 42.2 36.2 54.4  
132 23.0 19.9 29.9

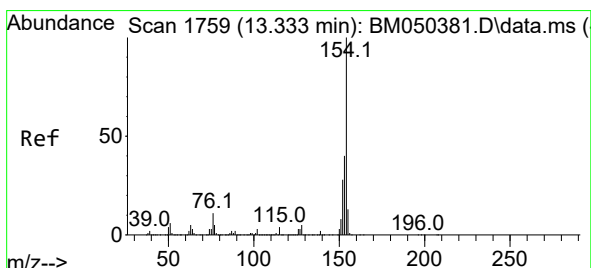
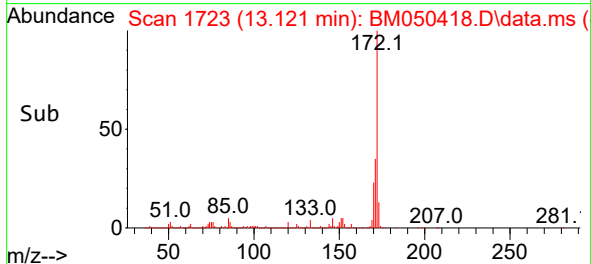
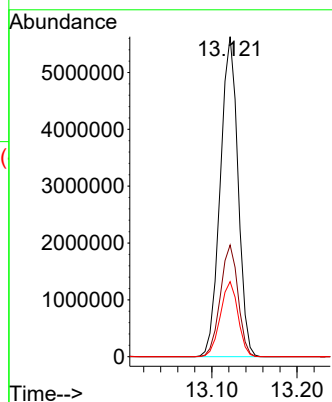
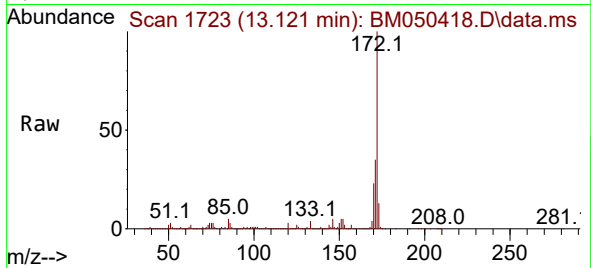




#45  
2-Fluorobiphenyl  
Concen: 75.362 ng  
RT: 13.121 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

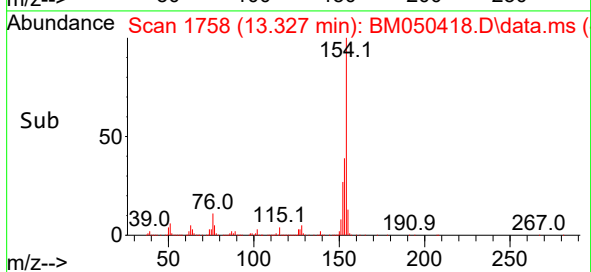
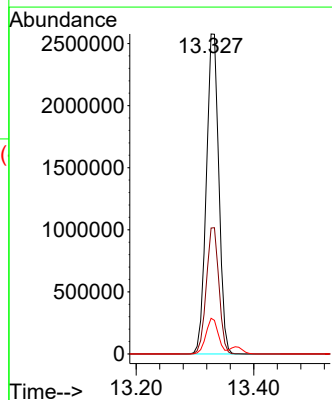
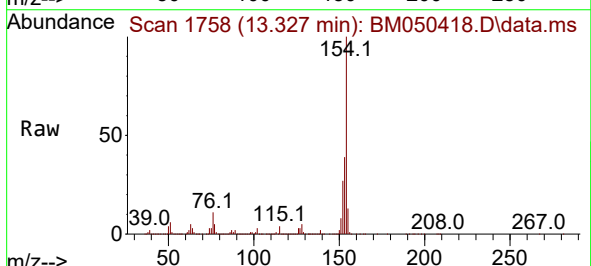
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

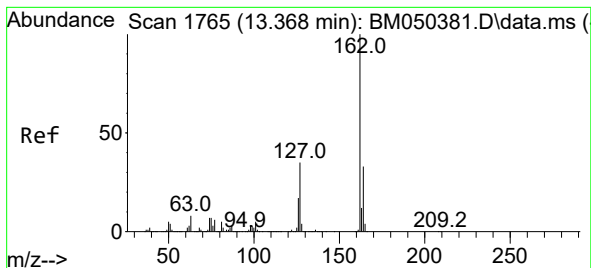
Tgt Ion:172 Resp: 8121848  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.7 41.5  
170 23.5 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 38.309 ng  
RT: 13.327 min Scan# 1758  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:154 Resp: 3782774  
Ion Ratio Lower Upper  
154 100  
153 39.3 19.7 59.7  
76 11.2 0.0 30.9





#47

2-Chloronaphthalene

Concen: 38.106 ng

RT: 13.368 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

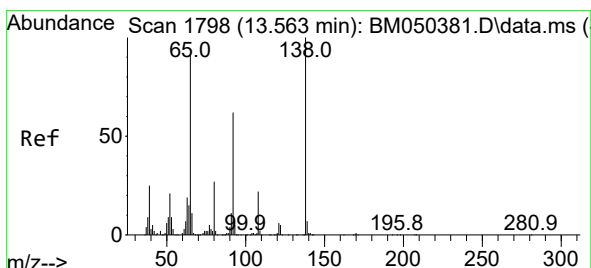
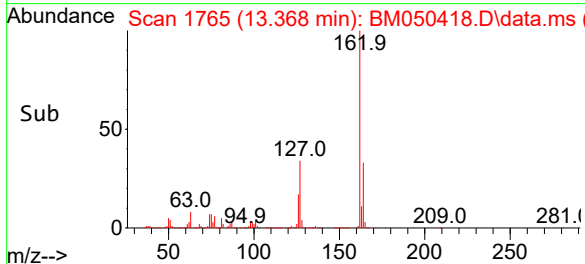
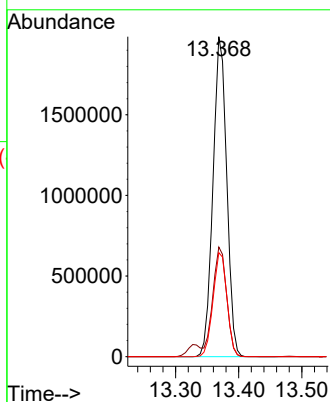
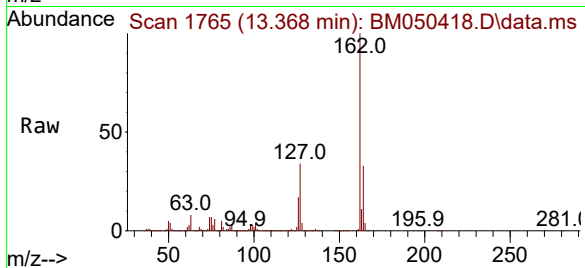
Tgt Ion:162 Resp: 3000068

Ion Ratio Lower Upper

162 100

127 34.2 28.3 42.5

164 32.5 26.6 40.0



#48

2-Nitroaniline

Concen: 44.008 ng

RT: 13.563 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

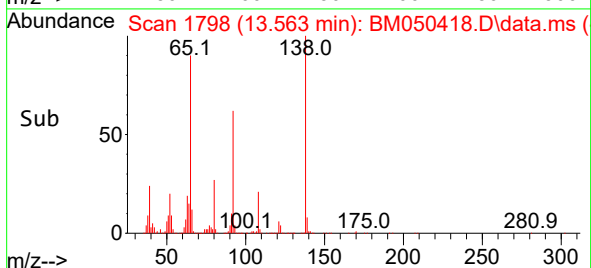
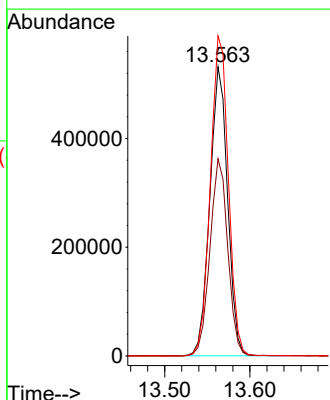
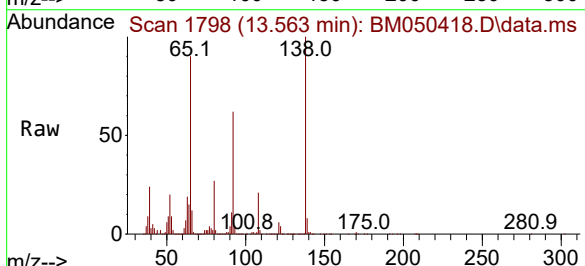
Tgt Ion: 65 Resp: 773366

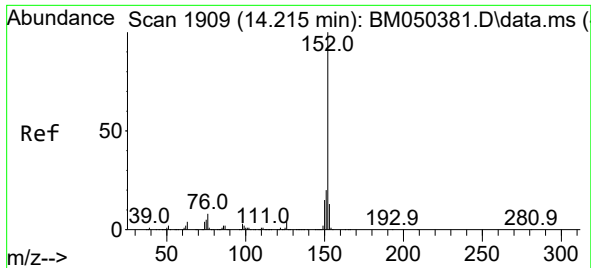
Ion Ratio Lower Upper

65 100

92 68.2 54.3 81.5

138 110.7 87.8 131.6

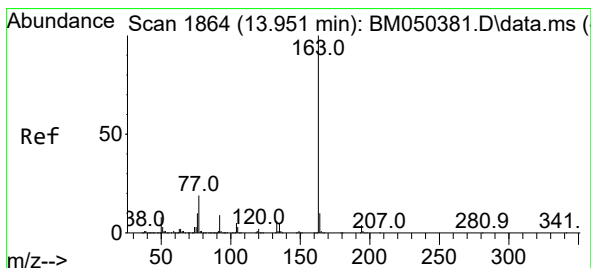
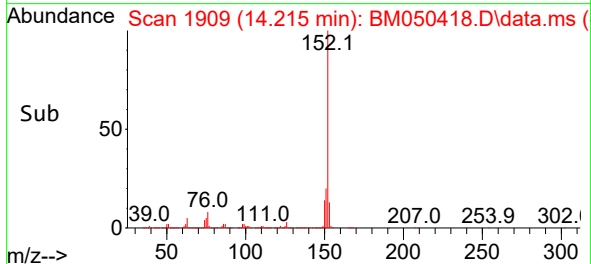
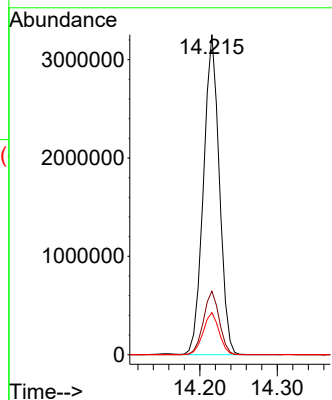
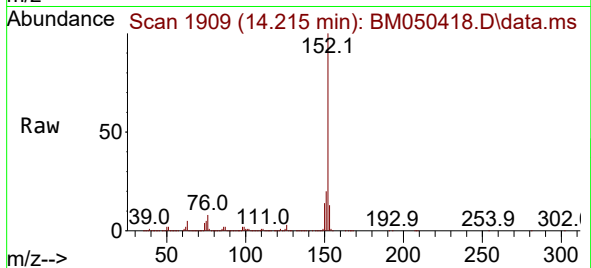




#49  
Acenaphthylene  
Concen: 38.748 ng  
RT: 14.215 min Scan# 1909  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

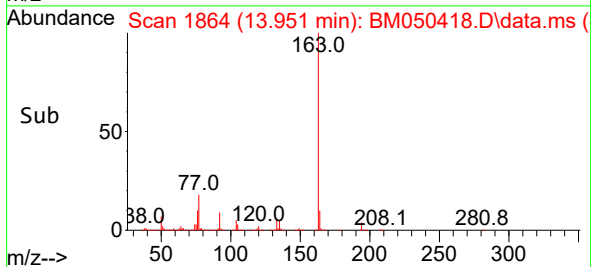
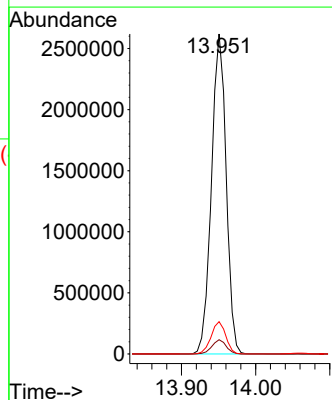
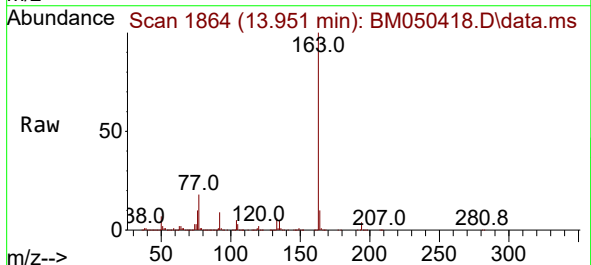
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

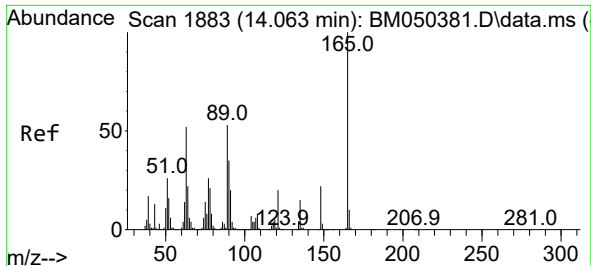
Tgt Ion:152 Resp: 4610389  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.3 24.5  
153 13.1 10.6 15.8



#50  
Dimethylphthalate  
Concen: 39.335 ng  
RT: 13.951 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:163 Resp: 3604264  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.2  
164 10.1 8.2 12.2

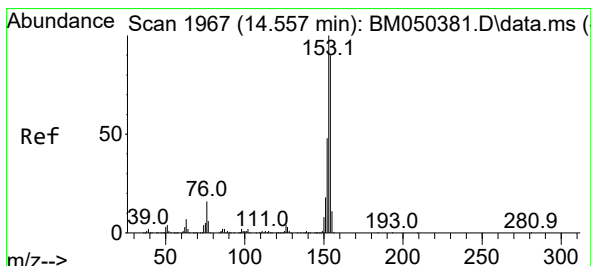
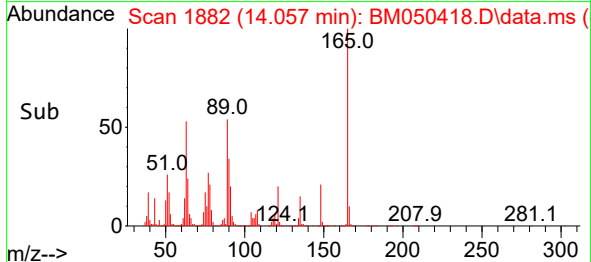
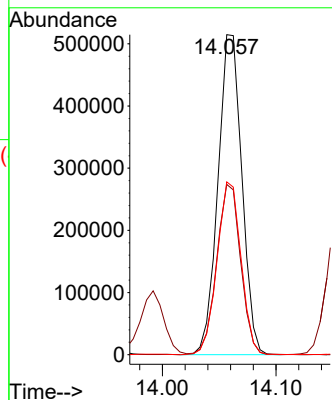
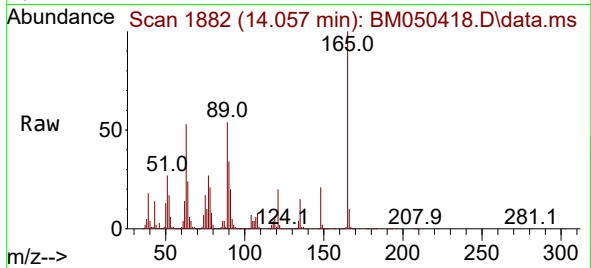




#51  
2,6-Dinitrotoluene  
Concen: 42.880 ng  
RT: 14.057 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

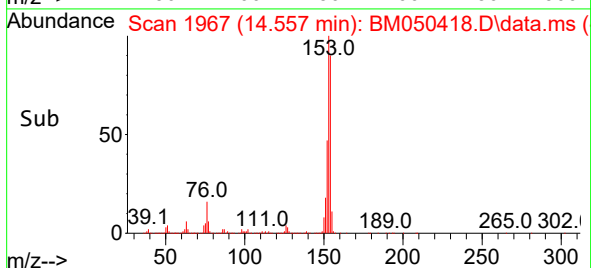
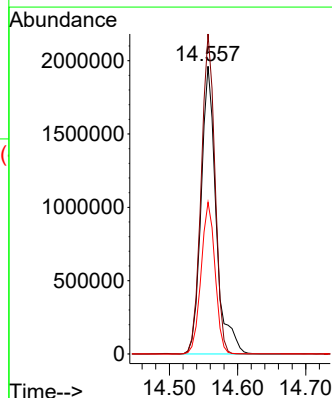
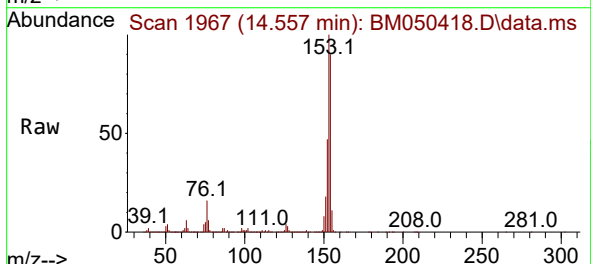
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

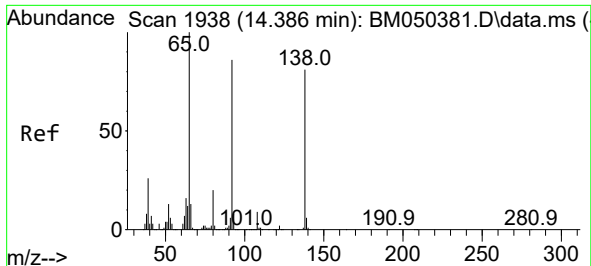
Tgt Ion:165 Resp: 754402  
Ion Ratio Lower Upper  
165 100  
63 53.2 42.4 63.6  
89 54.0 42.2 63.2



#52  
Acenaphthene  
Concen: 39.650 ng  
RT: 14.557 min Scan# 1967  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:154 Resp: 2999329  
Ion Ratio Lower Upper  
154 100  
153 111.3 89.2 133.8  
152 52.7 42.6 64.0

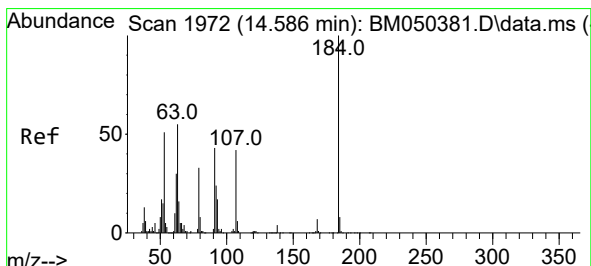
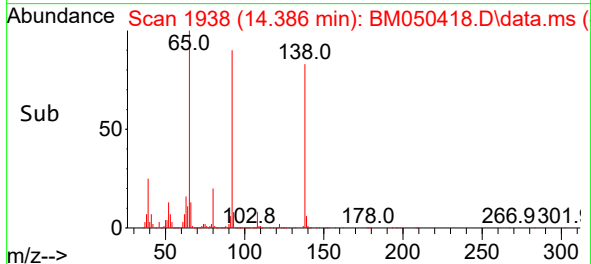
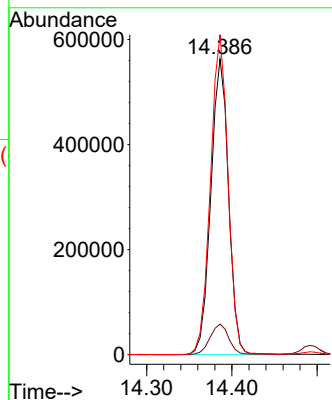
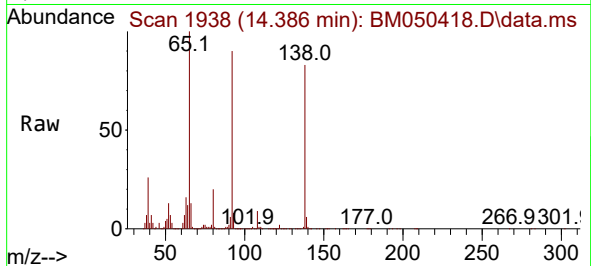




#53  
3-Nitroaniline  
Concen: 43.276 ng  
RT: 14.386 min Scan# 1938  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

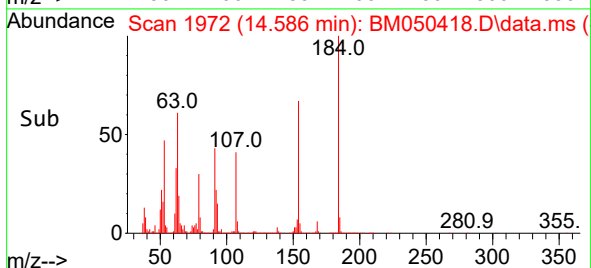
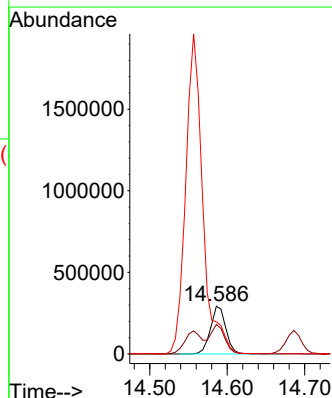
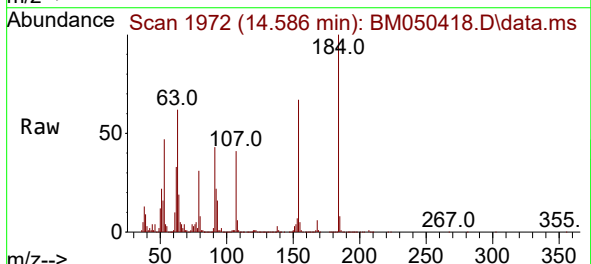
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

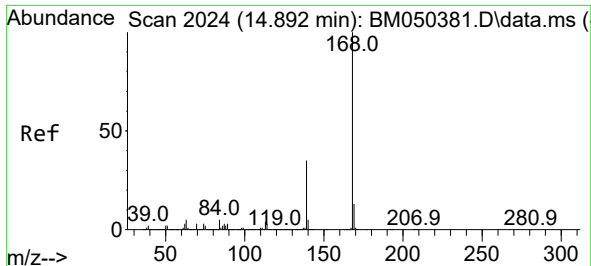
Tgt Ion:138 Resp: 809707  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.8 13.2  
92 108.2 85.0 127.6



#54  
2,4-Dinitrophenol  
Concen: 44.580 ng  
RT: 14.586 min Scan# 1972  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:184 Resp: 402852  
Ion Ratio Lower Upper  
184 100  
63 61.6 53.4 80.0  
154 67.3 61.6 92.4

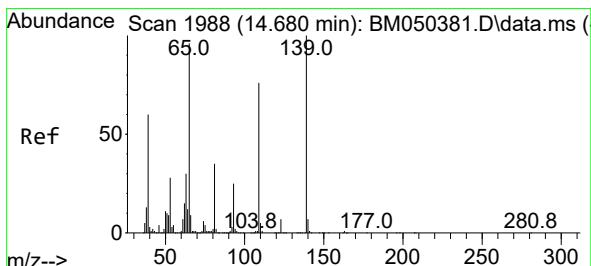
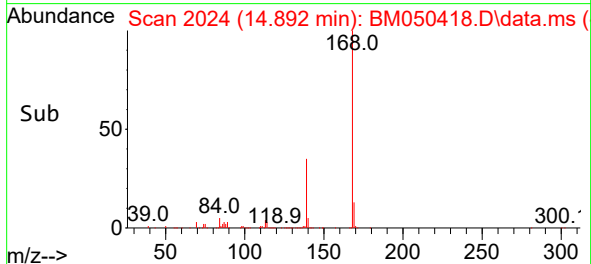
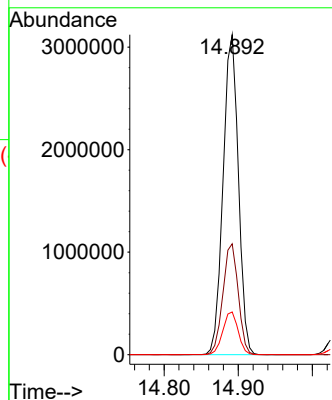
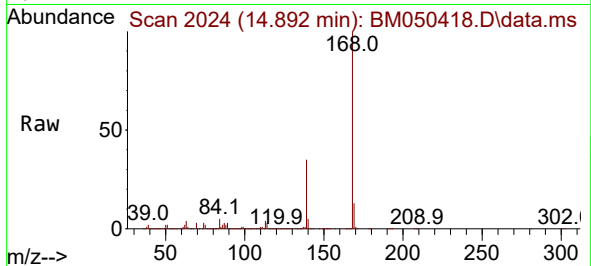




#55  
Dibenzofuran  
Concen: 38.339 ng  
RT: 14.892 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

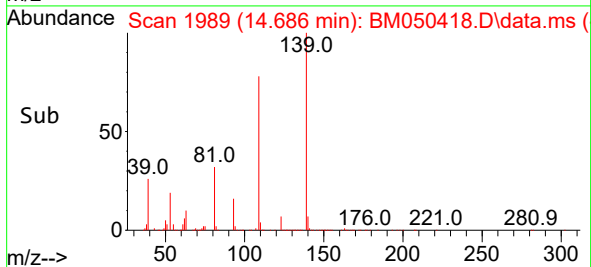
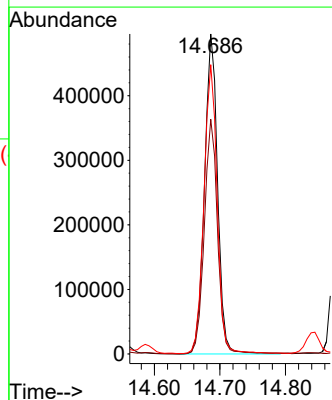
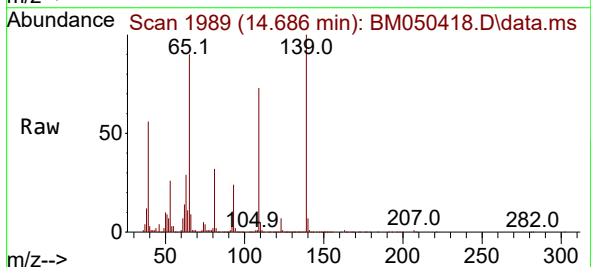
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

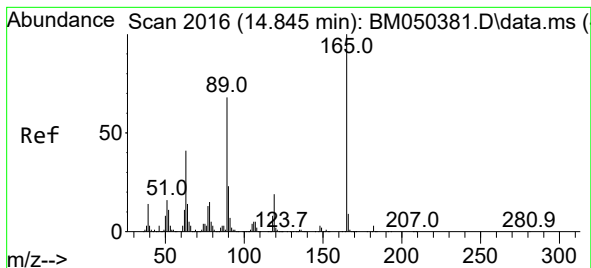
Tgt Ion:168 Resp: 4468606  
Ion Ratio Lower Upper  
168 100  
139 34.7 27.7 41.5  
169 13.3 10.7 16.1



#56  
4-Nitrophenol  
Concen: 42.892 ng  
RT: 14.686 min Scan# 1989  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:139 Resp: 690130  
Ion Ratio Lower Upper  
139 100  
109 73.4 56.5 96.5  
65 90.4 76.4 116.4

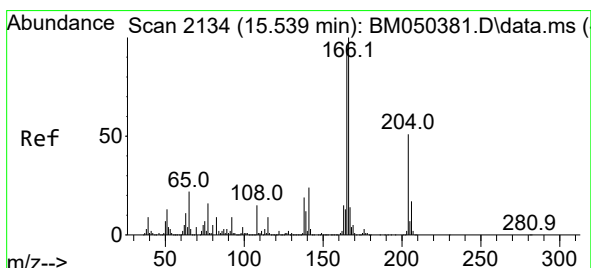
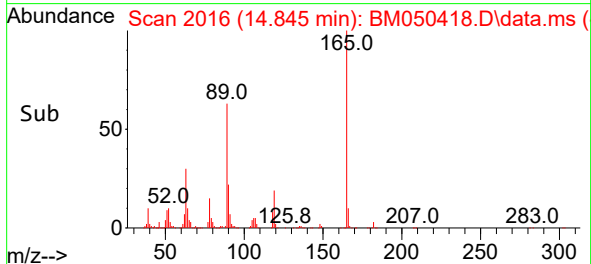
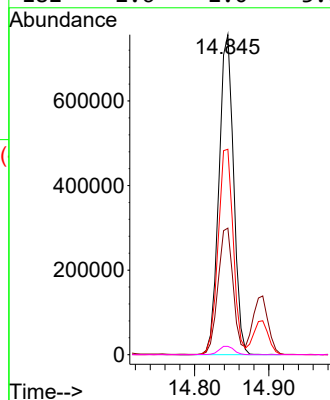
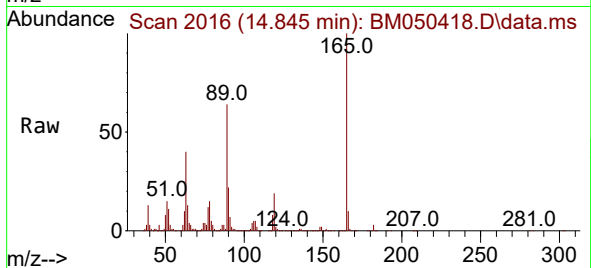




#57  
2,4-Dinitrotoluene  
Concen: 40.003 ng  
RT: 14.845 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

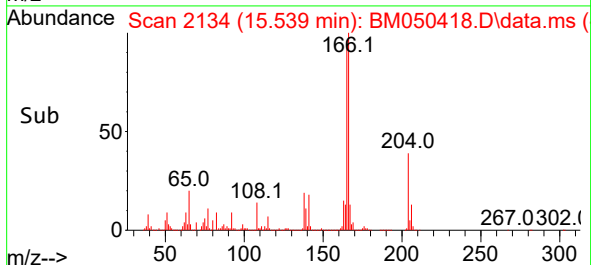
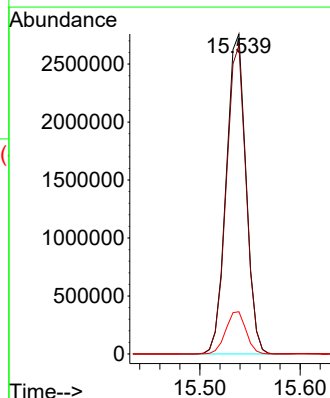
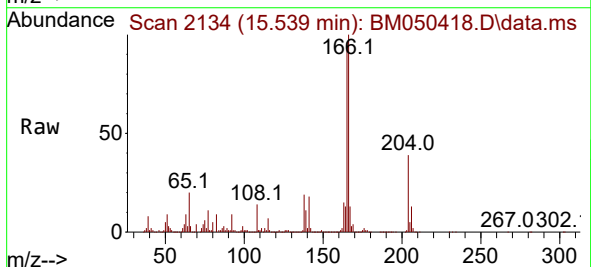
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

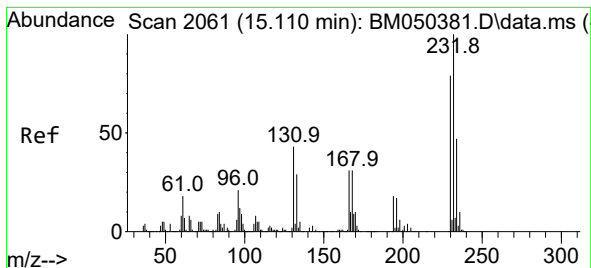
Tgt Ion:165 Resp: 1040891  
Ion Ratio Lower Upper  
165 100  
63 39.6 32.5 48.7  
89 64.2 54.0 81.0  
182 2.6 2.0 3.0



#58  
Fluorene  
Concen: 39.350 ng  
RT: 15.539 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:166 Resp: 3777680  
Ion Ratio Lower Upper  
166 100  
165 96.4 77.0 115.6  
167 13.2 10.9 16.3

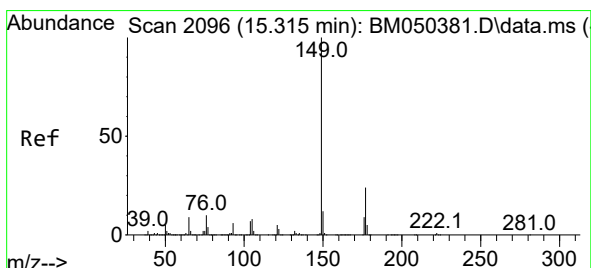
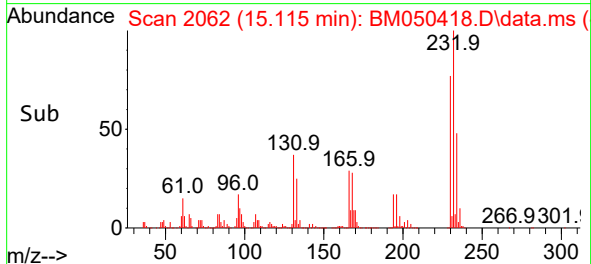
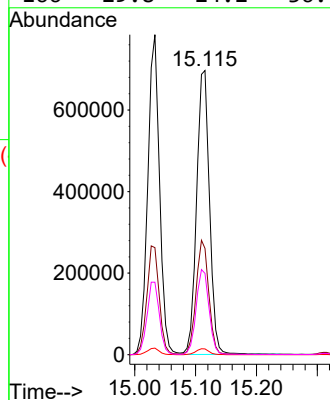
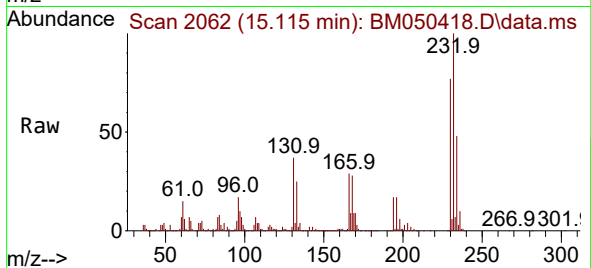




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.780 ng  
RT: 15.115 min Scan# 2061  
Delta R.T. 0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

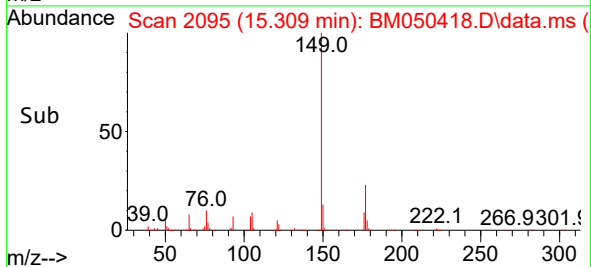
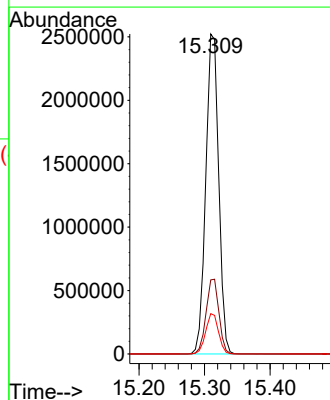
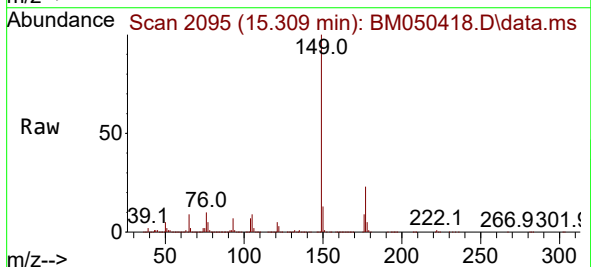
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

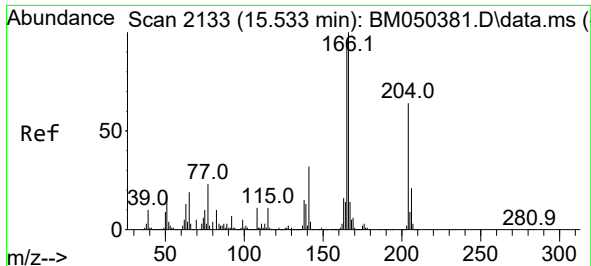
Tgt Ion:232 Resp: 1024623  
Ion Ratio Lower Upper  
232 100  
131 39.4 33.4 50.0  
130 2.1 1.8 2.6  
166 29.8 24.2 36.4



#60  
Diethylphthalate  
Concen: 39.523 ng  
RT: 15.309 min Scan# 2095  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:149 Resp: 3459328  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.8 28.2  
150 12.6 9.8 14.8

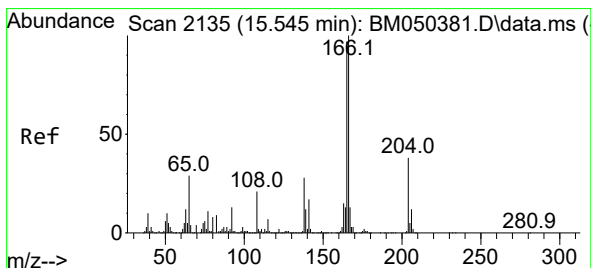
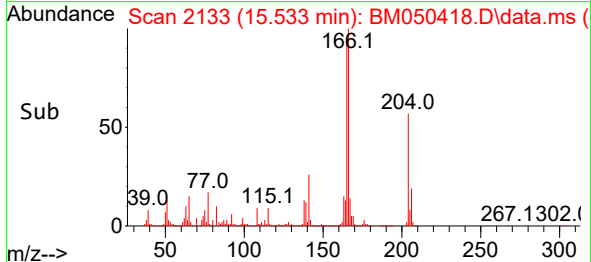
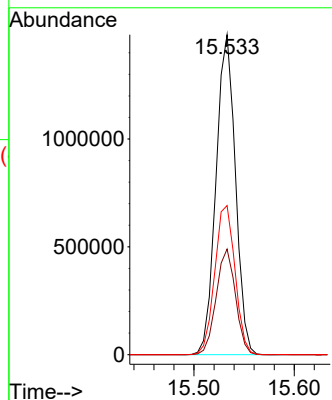
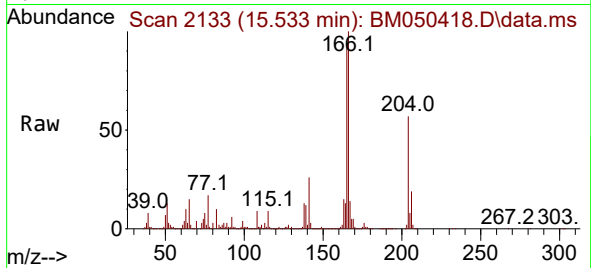




#61  
4-Chlorophenyl-phenylether  
Concen: 39.665 ng  
RT: 15.533 min Scan# 2133  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

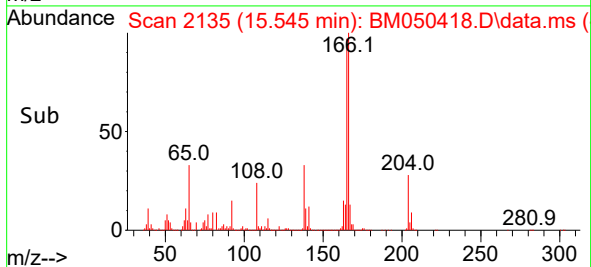
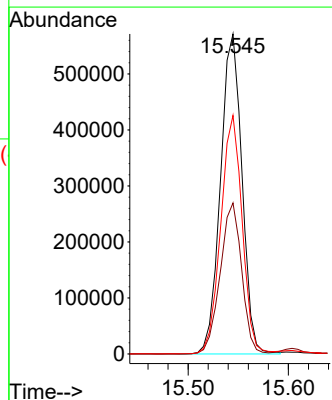
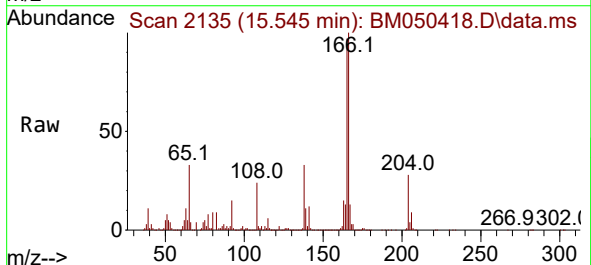
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

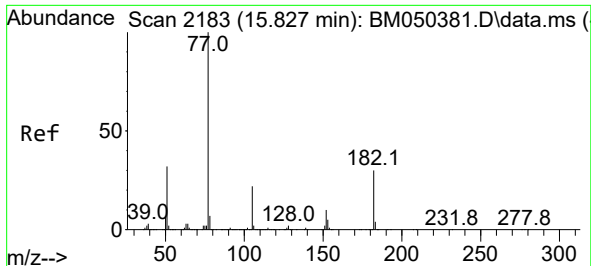
Tgt Ion:204 Resp: 1991127  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.6 39.8  
141 46.6 39.9 59.9



#62  
4-Nitroaniline  
Concen: 39.924 ng  
RT: 15.545 min Scan# 2135  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:138 Resp: 848874  
Ion Ratio Lower Upper  
138 100  
92 47.2 24.5 64.5  
108 74.5 52.5 92.5

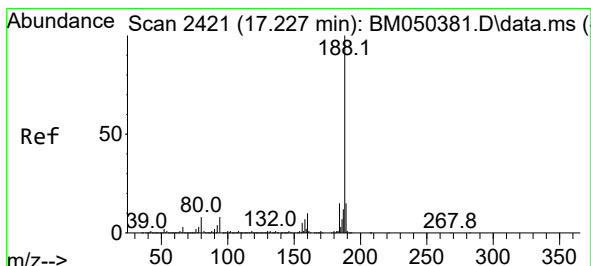
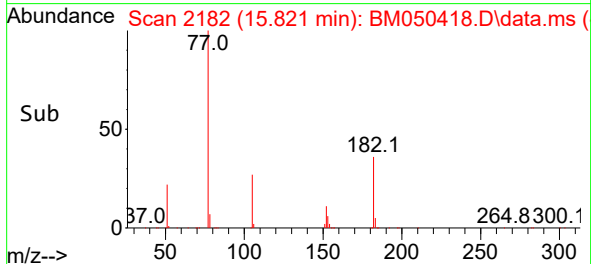
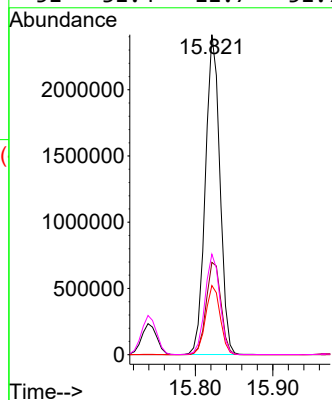
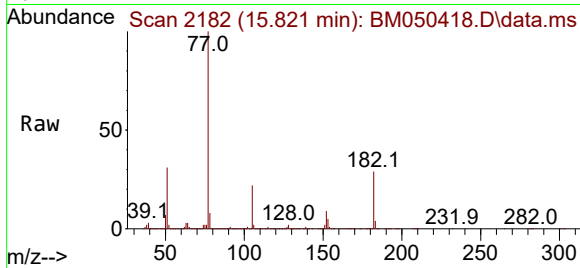




#63  
Azobenzene  
Concen: 39.105 ng  
RT: 15.821 min Scan# 2182  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

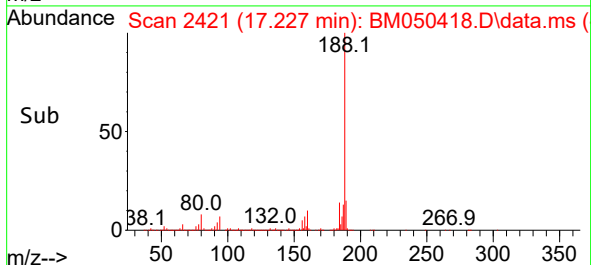
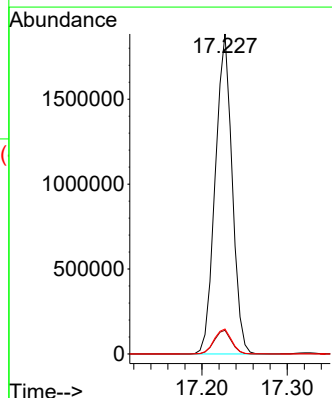
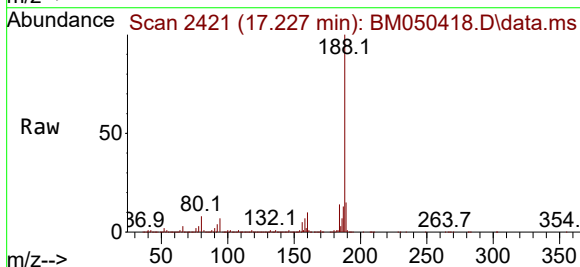
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

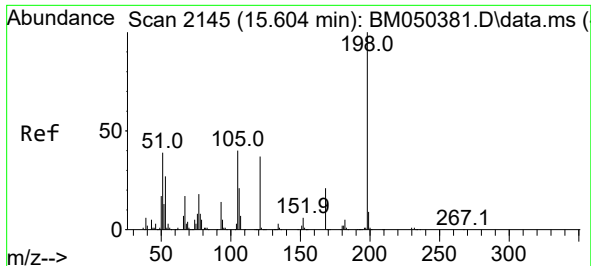
Tgt Ion: 77 Resp: 3142938  
Ion Ratio Lower Upper  
77 100  
182 28.8 10.0 50.0  
105 21.6 2.0 42.0  
51 31.4 11.7 51.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2421  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:188 Resp: 2592832  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.0 9.0  
80 7.8 6.5 9.7

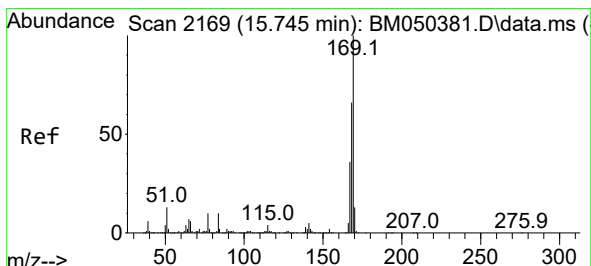
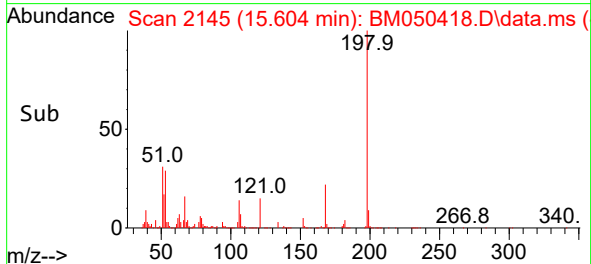
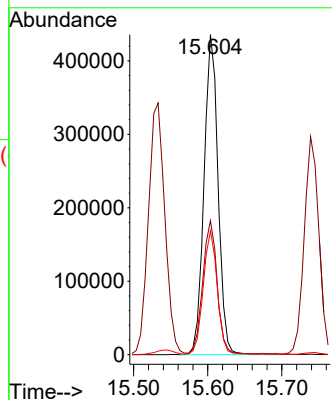
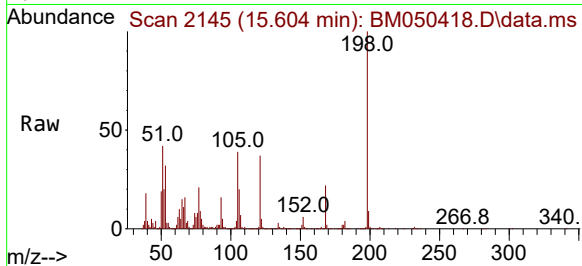




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.067 ng  
RT: 15.604 min Scan# 2145  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

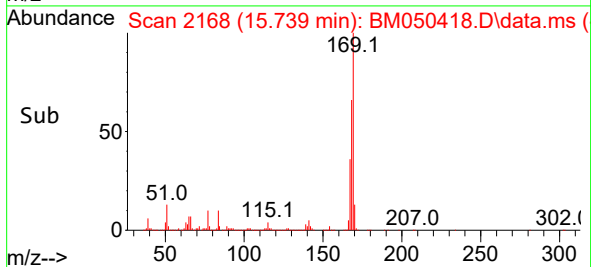
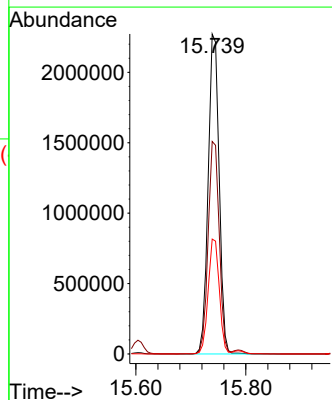
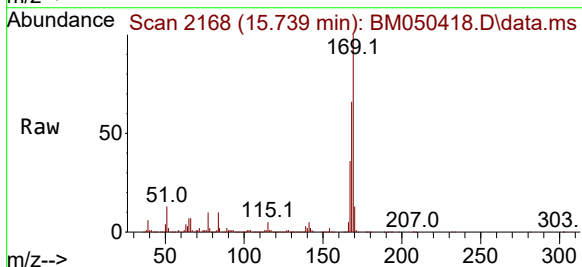
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

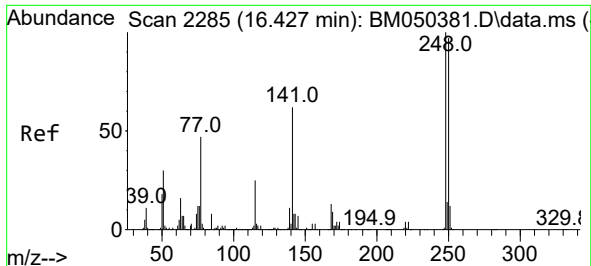
Tgt Ion:198 Resp: 573998  
Ion Ratio Lower Upper  
198 100  
51 41.9 26.6 66.6  
105 38.7 20.9 60.9



#66  
n-Nitrosodiphenylamine  
Concen: 38.765 ng  
RT: 15.739 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:169 Resp: 3145161  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.2 79.8  
167 35.9 28.7 43.1

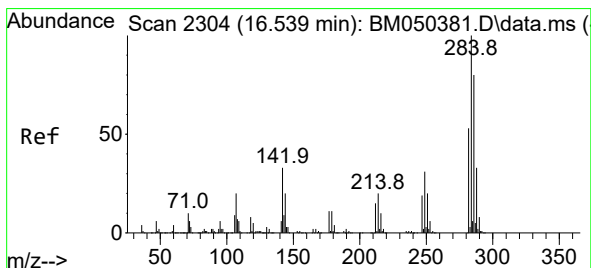
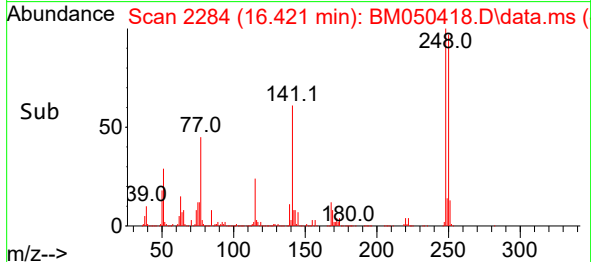
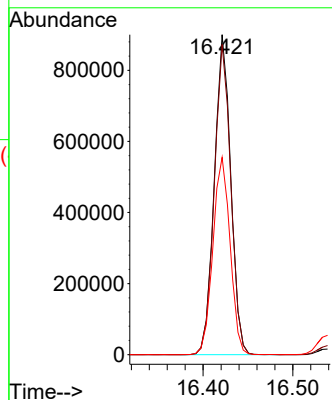
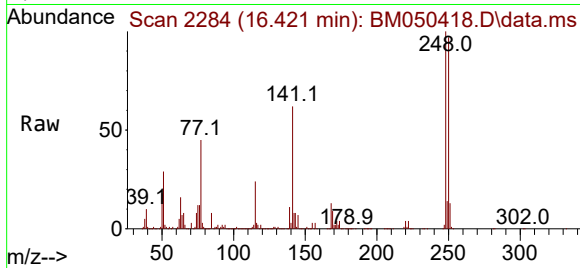




#67  
4-Bromophenyl-phenylether  
Concen: 40.092 ng  
RT: 16.421 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

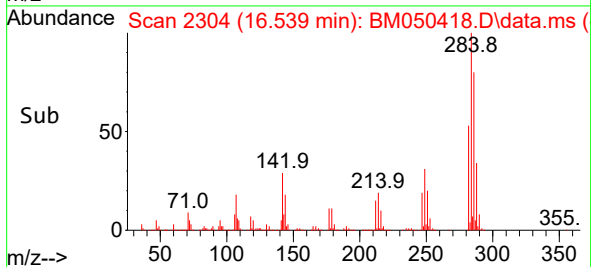
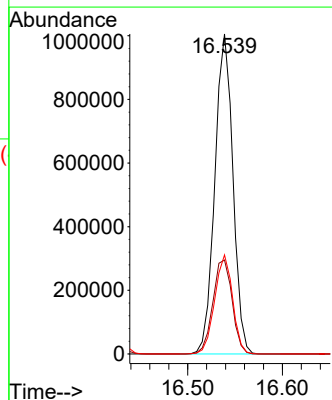
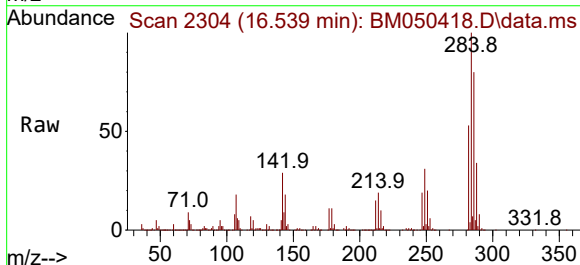
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

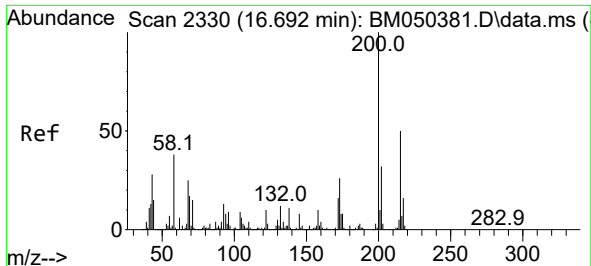
Tgt Ion:248 Resp: 1145300  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.9 116.9  
141 61.7 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 39.499 ng  
RT: 16.539 min Scan# 2304  
Delta R.T. -0.000 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:284 Resp: 1332688  
Ion Ratio Lower Upper  
284 100  
142 29.4 26.8 40.2  
249 31.0 24.5 36.7

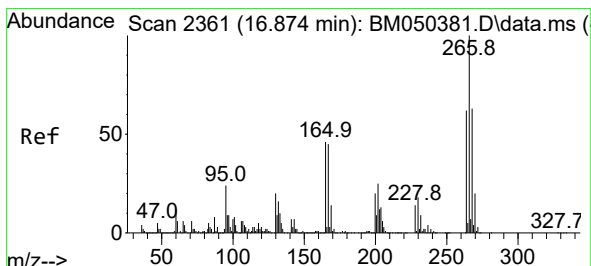
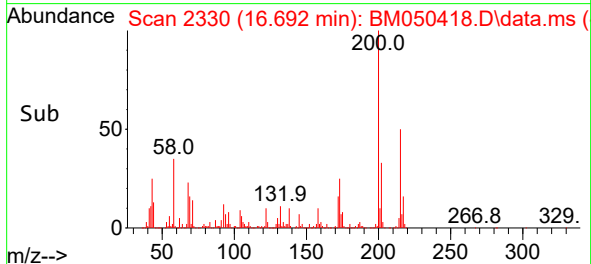
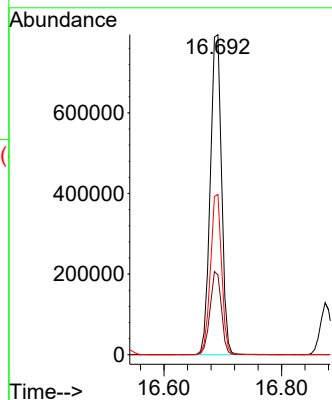
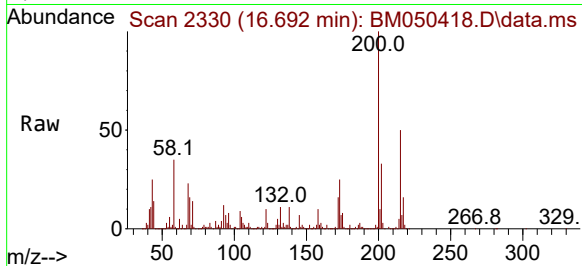




#69  
 Atrazine  
 Concen: 39.741 ng  
 RT: 16.692 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM050418.D  
 Acq: 11 Jul 2025 18:38

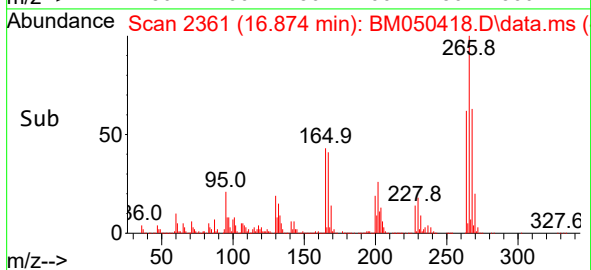
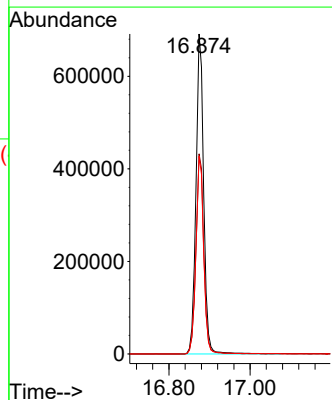
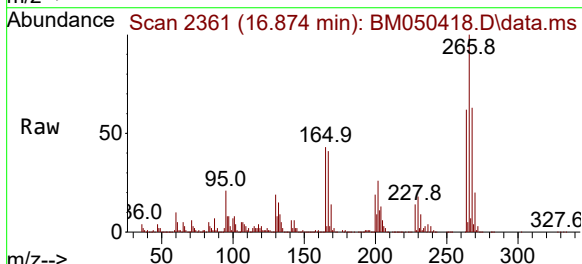
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

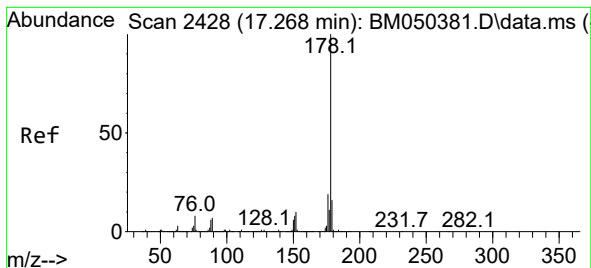
Tgt Ion:200 Resp: 1058759  
 Ion Ratio Lower Upper  
 200 100  
 173 24.9 5.6 45.6  
 215 50.0 29.6 69.6



#70  
 Pentachlorophenol  
 Concen: 43.510 ng  
 RT: 16.874 min Scan# 2361  
 Delta R.T. -0.000 min  
 Lab File: BM050418.D  
 Acq: 11 Jul 2025 18:38

Tgt Ion:266 Resp: 913851  
 Ion Ratio Lower Upper  
 266 100  
 268 62.6 50.5 75.7  
 264 61.8 49.9 74.9





#71

Phenanthrene

Concen: 38.084 ng

RT: 17.268 min Scan# 2428

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

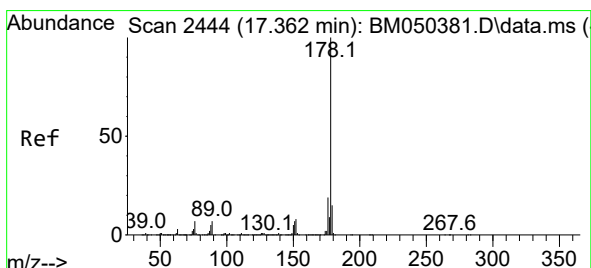
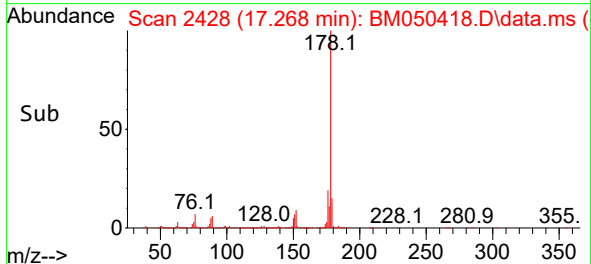
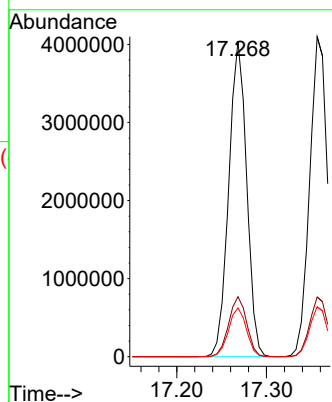
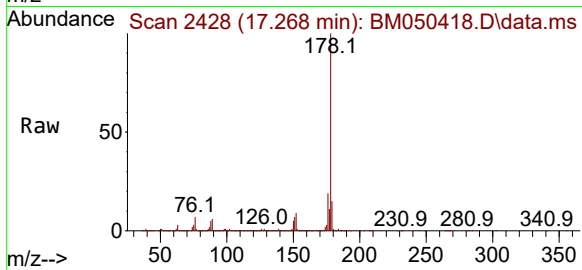
Tgt Ion:178 Resp: 5587535

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 39.075 ng

RT: 17.356 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

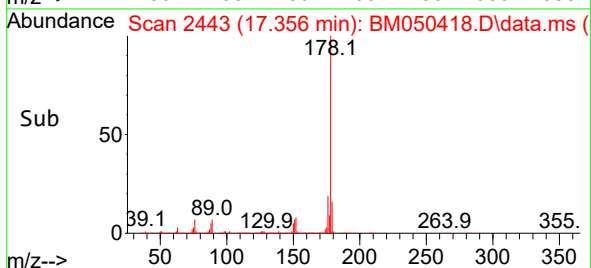
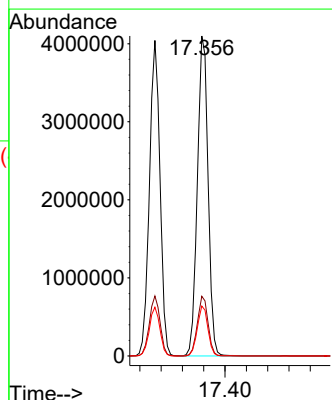
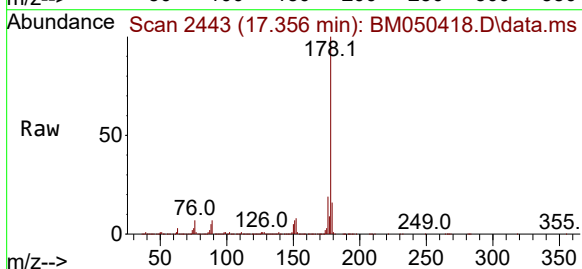
Tgt Ion:178 Resp: 5706563

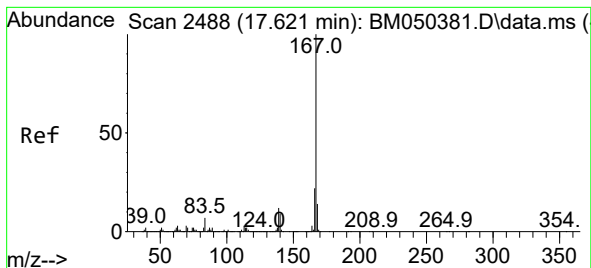
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.6 12.2 18.4





#73

Carbazole

Concen: 39.824 ng

RT: 17.621 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

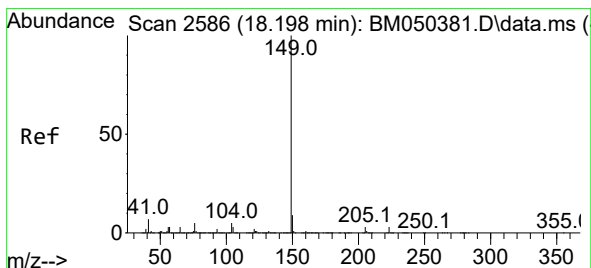
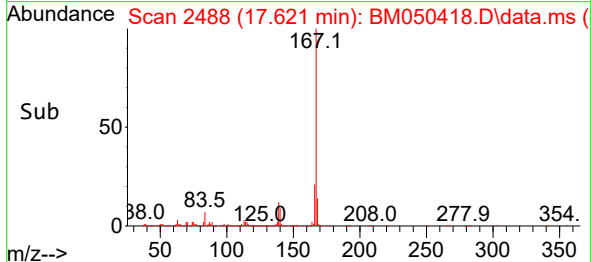
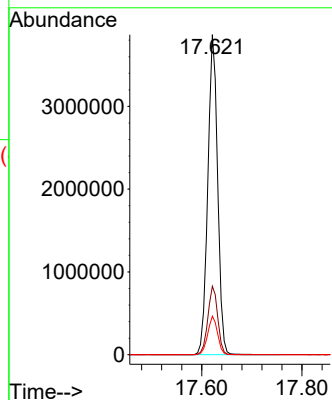
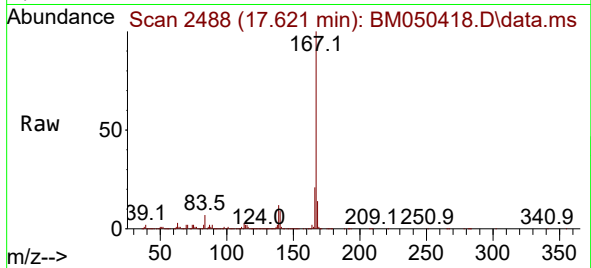
Tgt Ion:167 Resp: 5262486

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.0 9.9 14.9



#74

Di-n-butylphthalate

Concen: 41.996 ng

RT: 18.192 min Scan# 2585

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

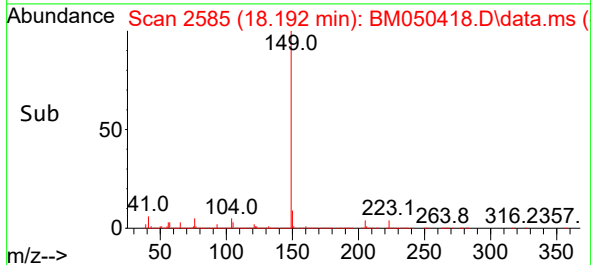
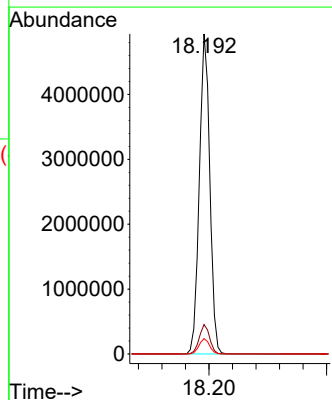
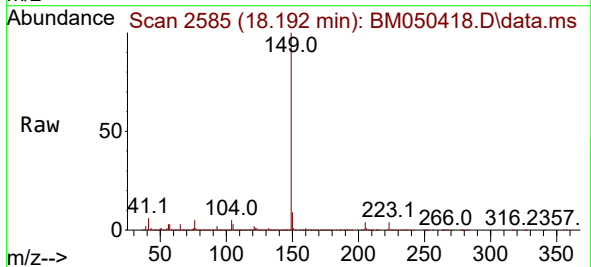
Tgt Ion:149 Resp: 6074084

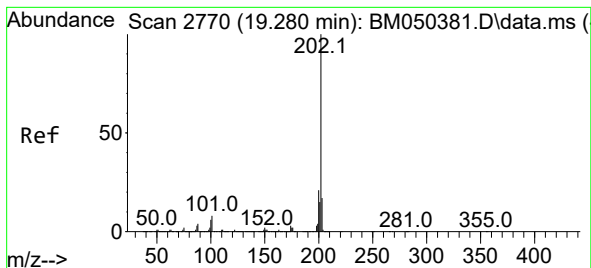
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 41.571 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

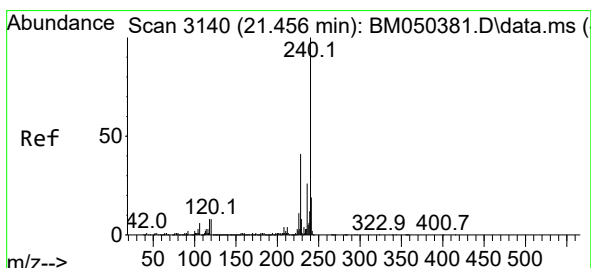
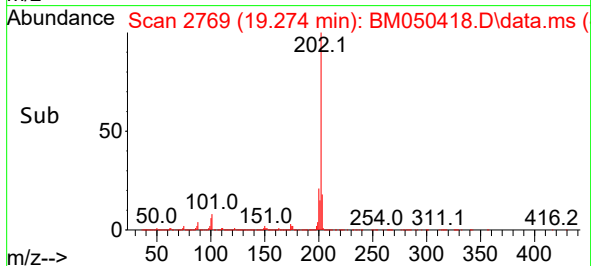
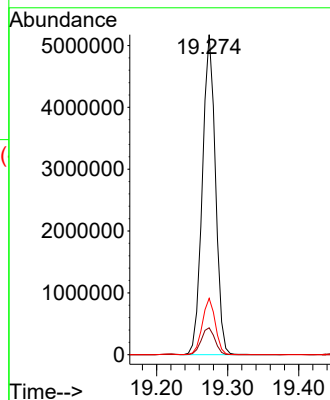
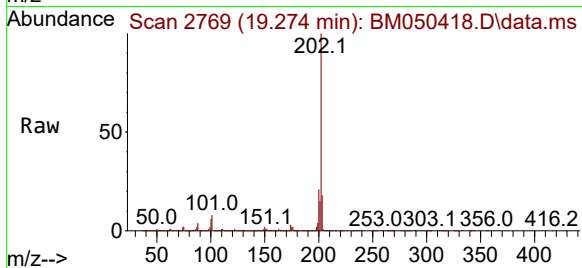
Tgt Ion:202 Resp: 6630559

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

203 17.6 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

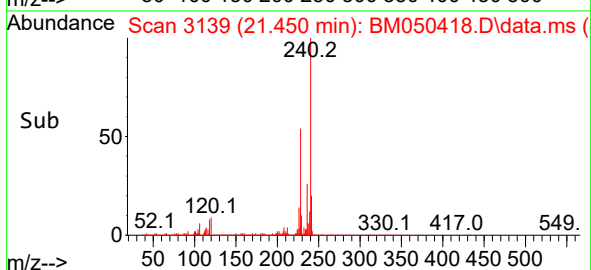
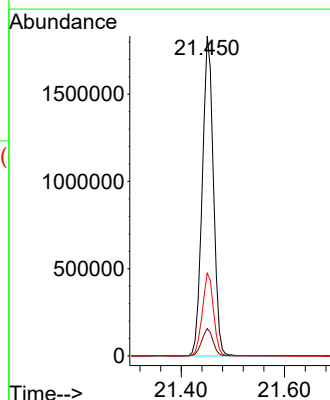
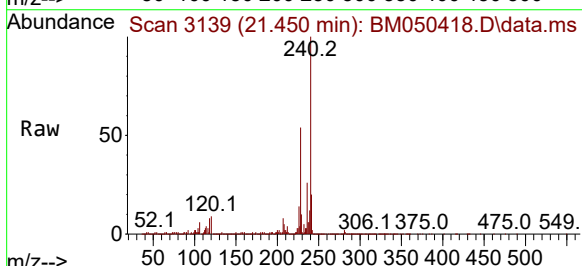
Tgt Ion:240 Resp: 2738835

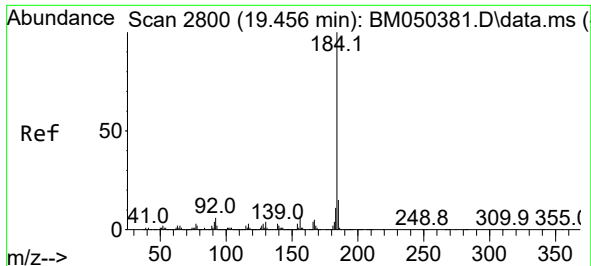
Ion Ratio Lower Upper

240 100

120 8.6 6.7 10.1

236 25.9 20.7 31.1

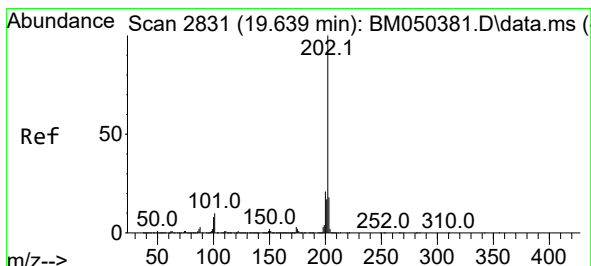
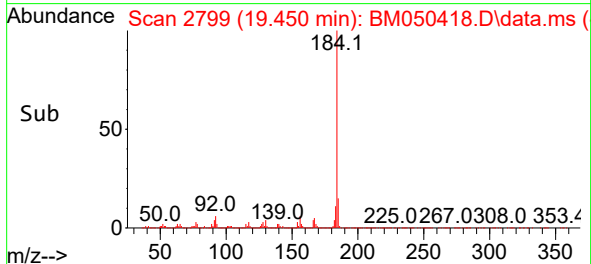
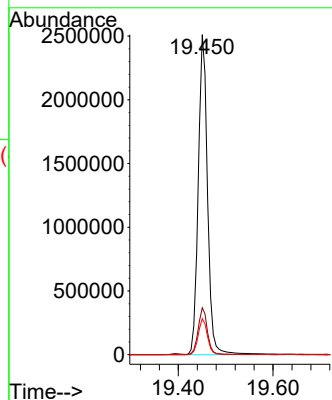
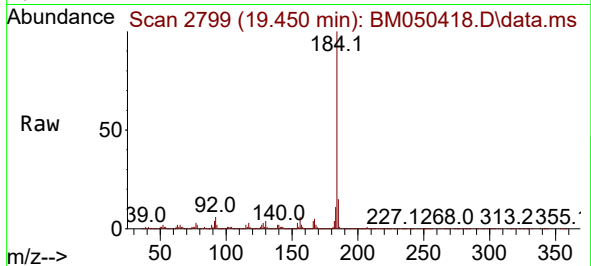




#77  
Benzidine  
Concen: 49.049 ng  
RT: 19.450 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

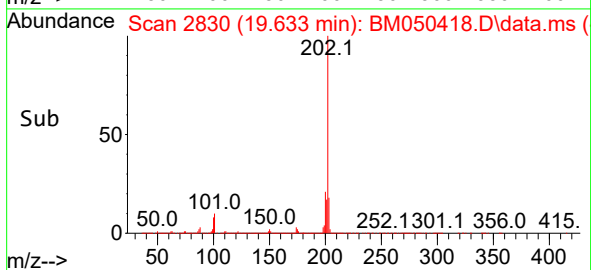
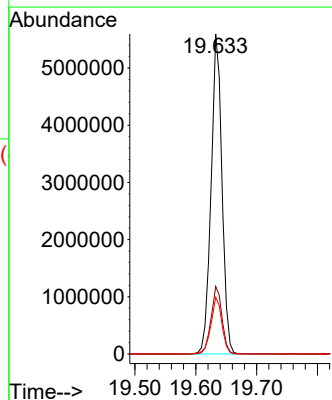
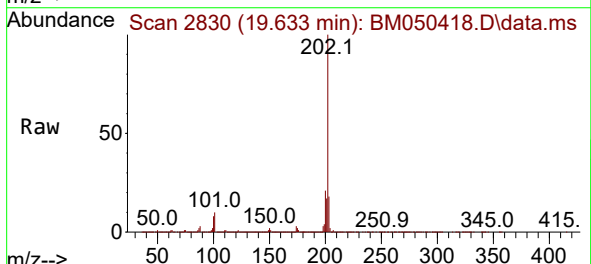
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

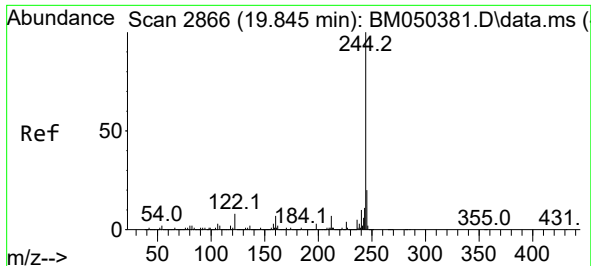
Tgt Ion:184 Resp: 3426483  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.7 17.5  
183 11.3 9.0 13.6



#78  
Pyrene  
Concen: 39.631 ng  
RT: 19.633 min Scan# 2830  
Delta R.T. -0.006 min  
Lab File: BM050418.D  
Acq: 11 Jul 2025 18:38

Tgt Ion:202 Resp: 6951614  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 17.7 14.1 21.1

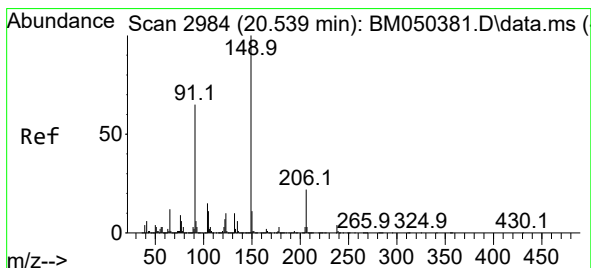
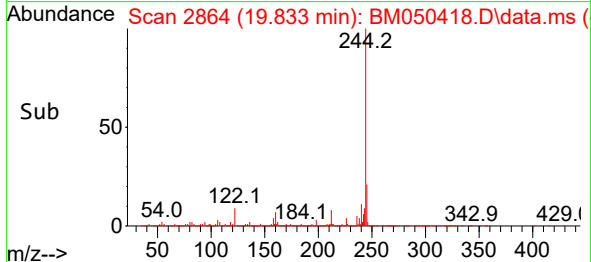
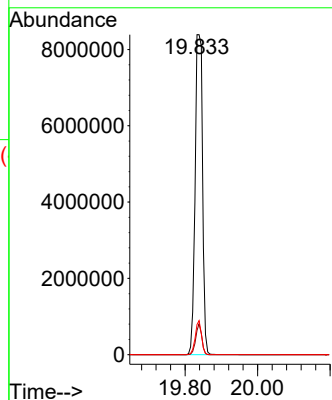
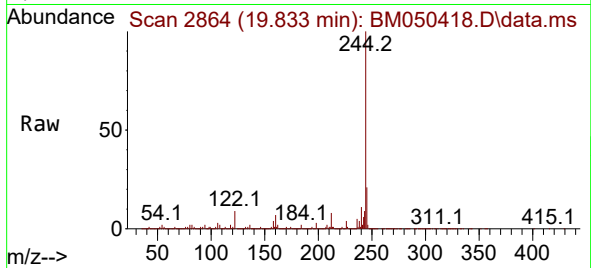




#79  
 Terphenyl-d14  
 Concen: 76.497 ng  
 RT: 19.833 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM050418.D  
 Acq: 11 Jul 2025 18:38

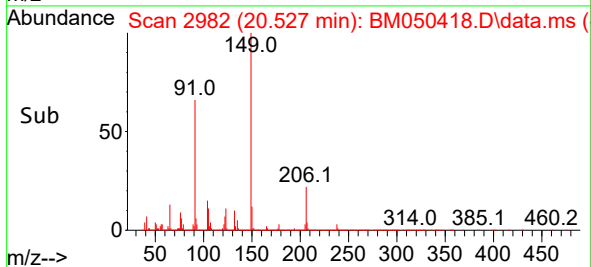
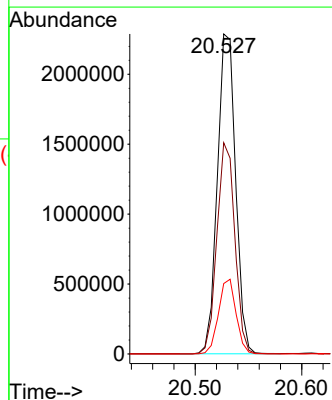
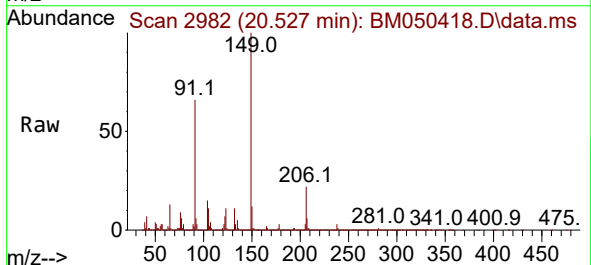
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

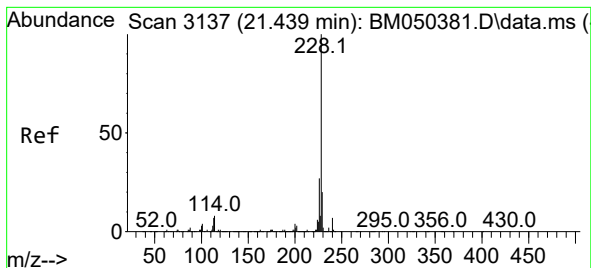
Tgt Ion:244 Resp:11907805  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.7 8.5  
 122 9.4 6.2 9.2#



#80  
 Butylbenzylphthalate  
 Concen: 46.908 ng  
 RT: 20.527 min Scan# 2982  
 Delta R.T. -0.012 min  
 Lab File: BM050418.D  
 Acq: 11 Jul 2025 18:38

Tgt Ion:149 Resp: 2713038  
 Ion Ratio Lower Upper  
 149 100  
 91 66.0 51.6 77.4  
 206 22.0 17.8 26.8





#81

Benzo(a)anthracene

Concen: 39.837 ng

RT: 21.433 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

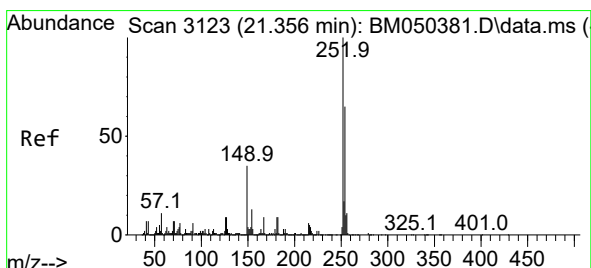
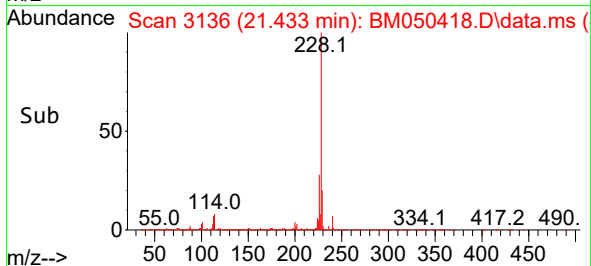
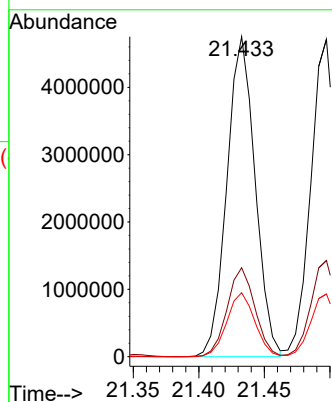
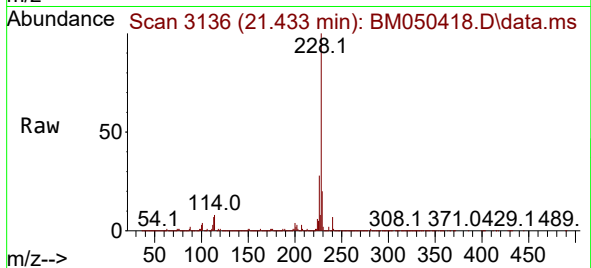
Tgt Ion:228 Resp: 7109070

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 44.435 ng

RT: 21.350 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

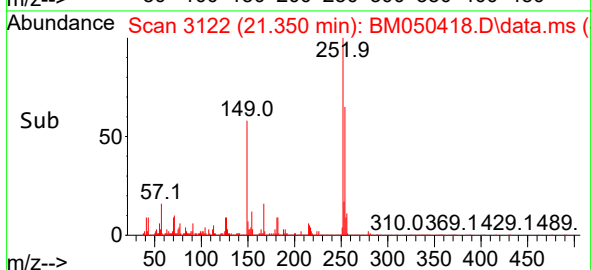
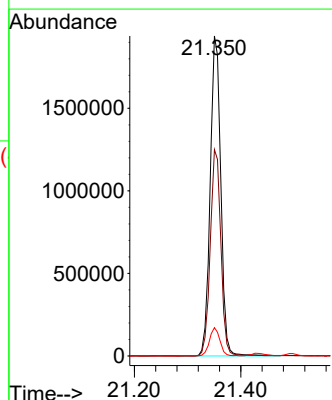
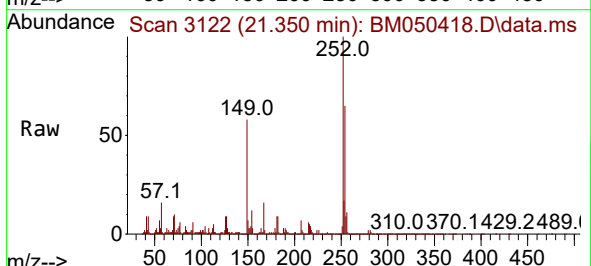
Tgt Ion:252 Resp: 2674126

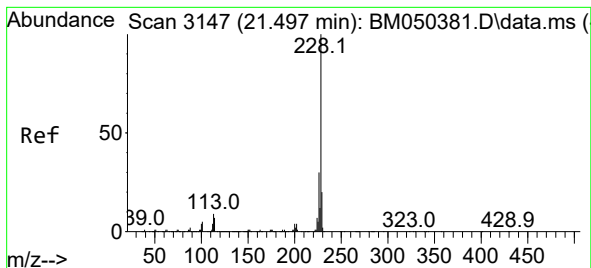
Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 8.8 7.3 10.9





#83

Chrysene

Concen: 39.325 ng

RT: 21.497 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

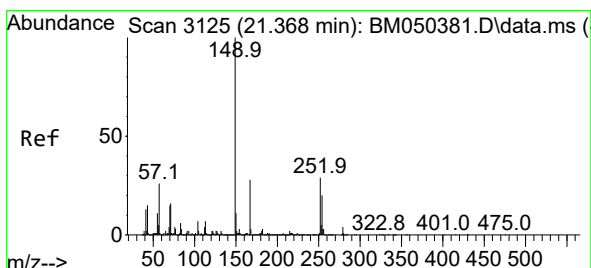
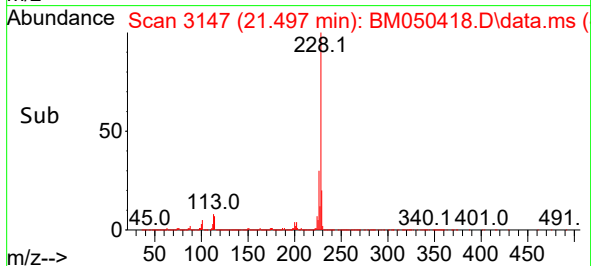
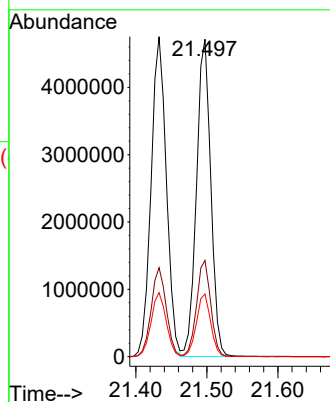
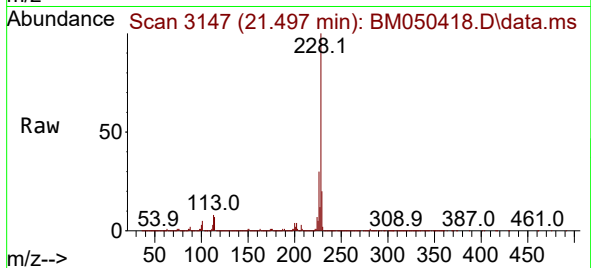
Tgt Ion:228 Resp: 6619137

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.617 ng

RT: 21.362 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

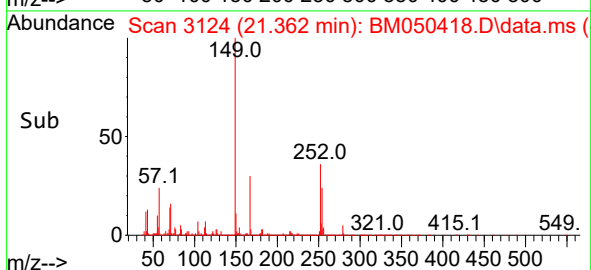
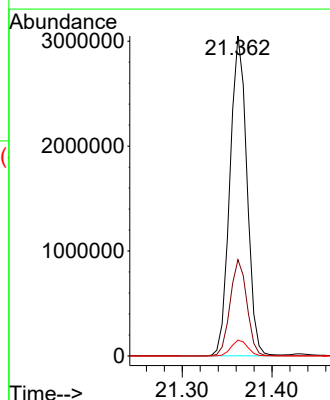
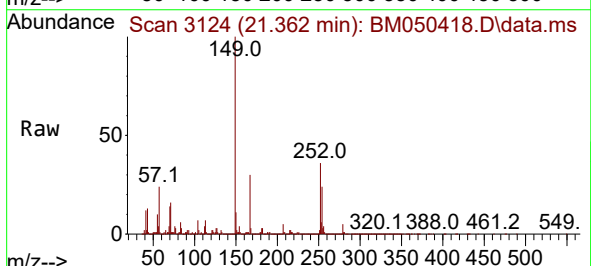
Tgt Ion:149 Resp: 4004727

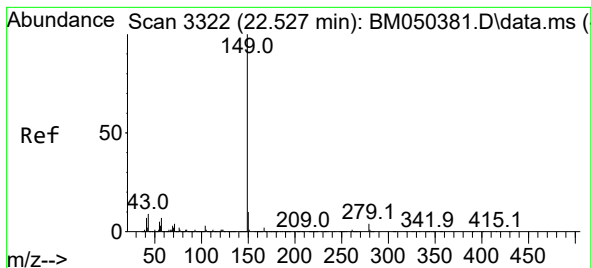
Ion Ratio Lower Upper

149 100

167 30.1 22.7 34.1

279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 46.779 ng

RT: 22.515 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

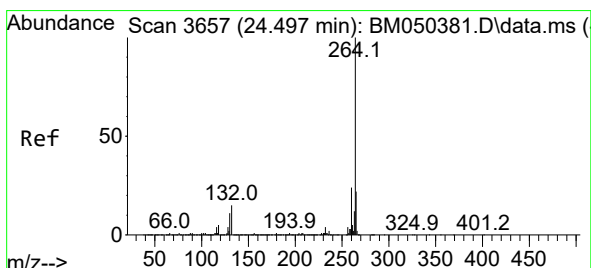
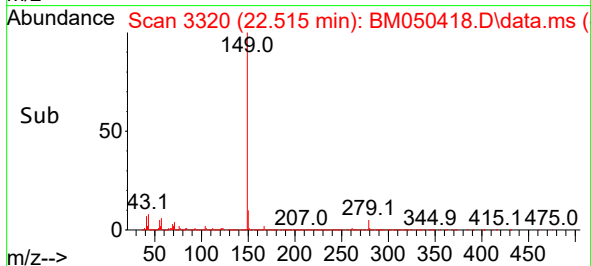
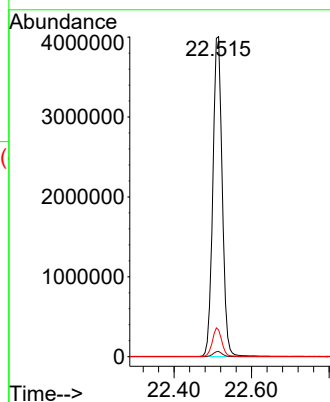
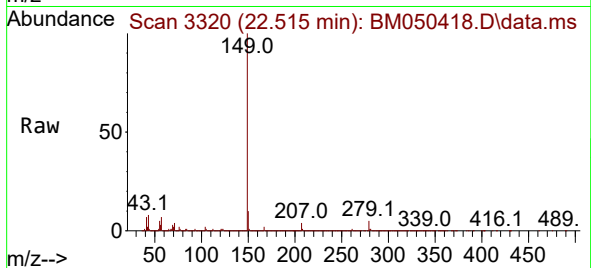
Tgt Ion:149 Resp: 6727000

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.491 min Scan# 3656

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

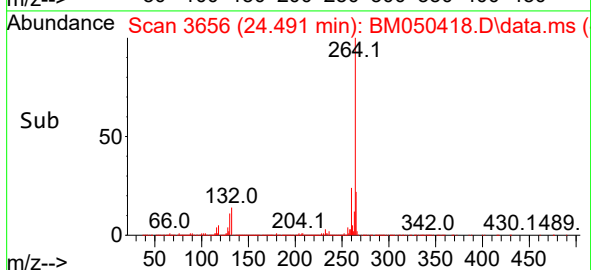
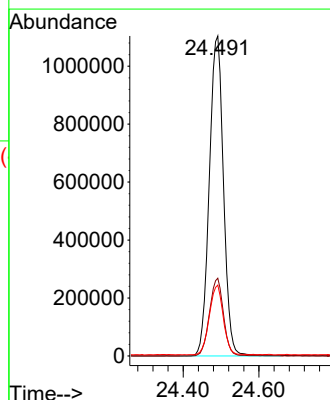
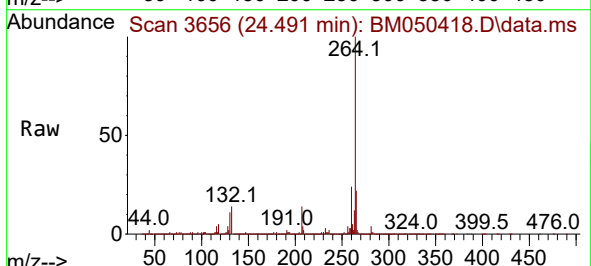
Tgt Ion:264 Resp: 2860300

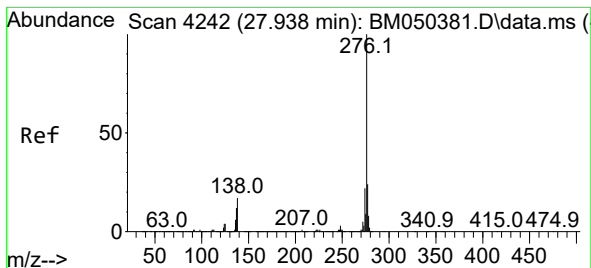
Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.707 ng

RT: 27.926 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

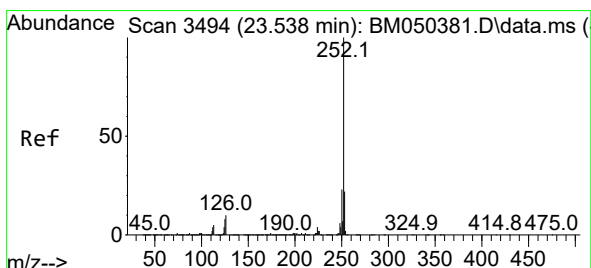
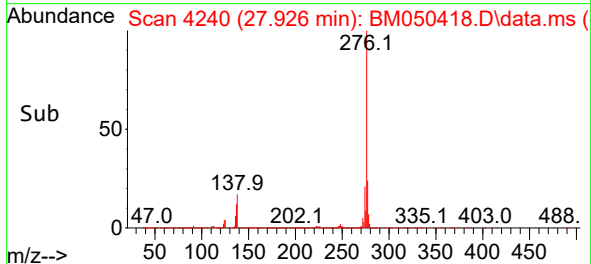
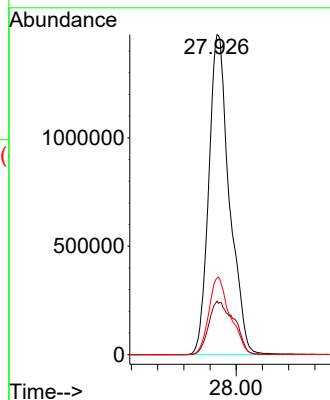
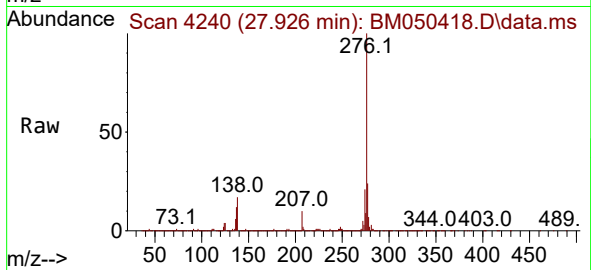
Tgt Ion:276 Resp: 8075076

Ion Ratio Lower Upper

276 100

138 20.6 17.0 25.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 39.040 ng

RT: 23.532 min Scan# 3493

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

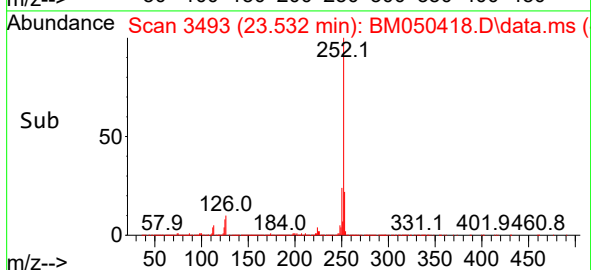
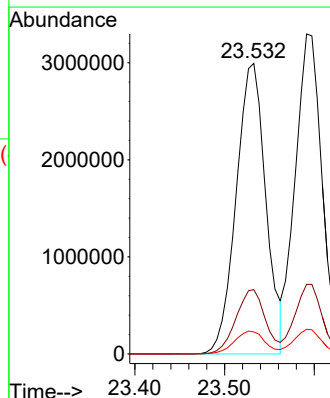
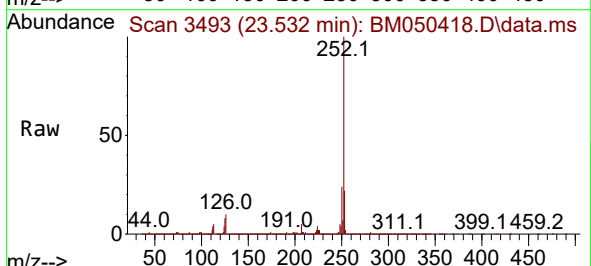
Tgt Ion:252 Resp: 6868480

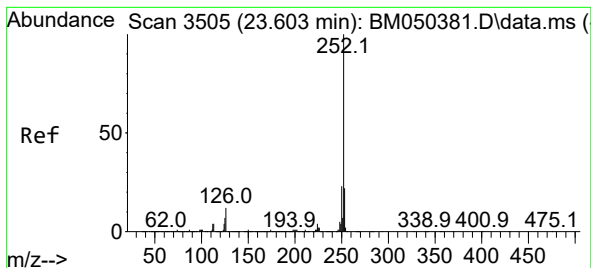
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.6 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 37.506 ng

RT: 23.591 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

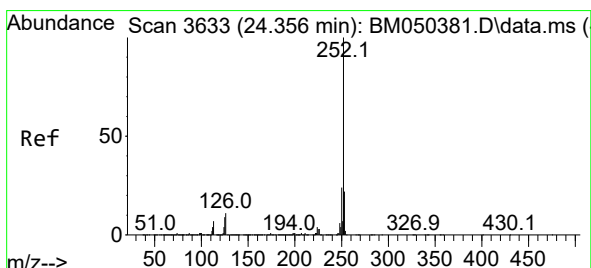
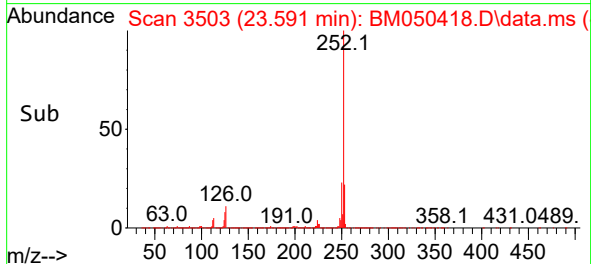
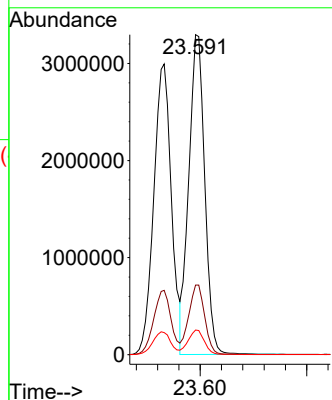
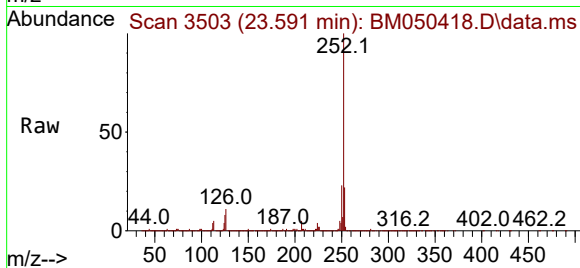
Tgt Ion:252 Resp: 6846959

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 7.7 6.2 9.2



#90

Benzo(a)pyrene

Concen: 39.374 ng

RT: 24.344 min Scan# 3631

Delta R.T. -0.012 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

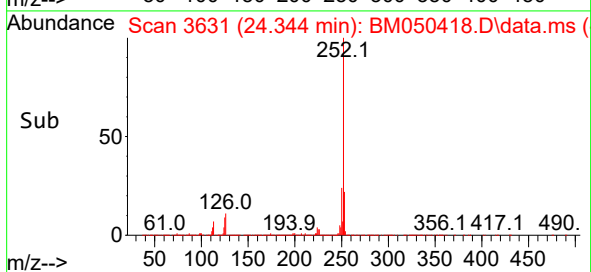
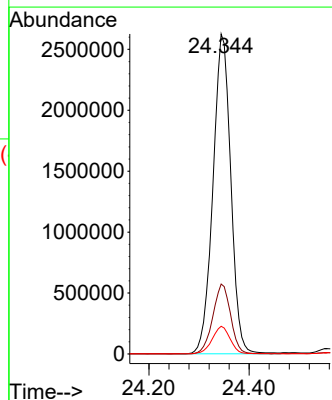
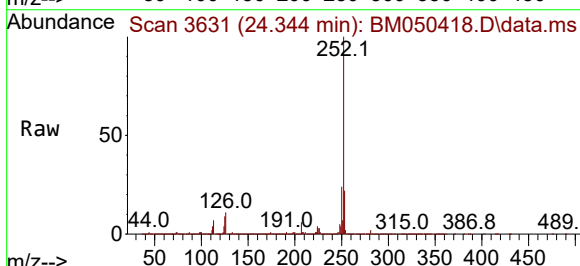
Tgt Ion:252 Resp: 6484739

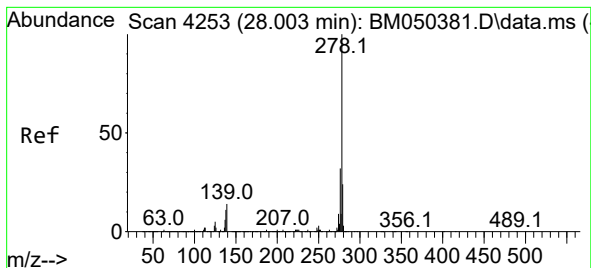
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.6 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 39.174 ng

RT: 27.991 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

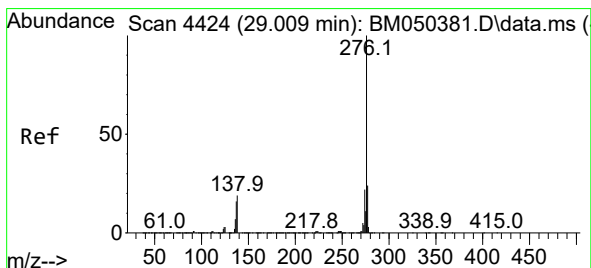
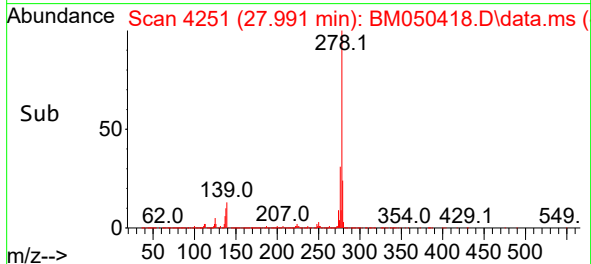
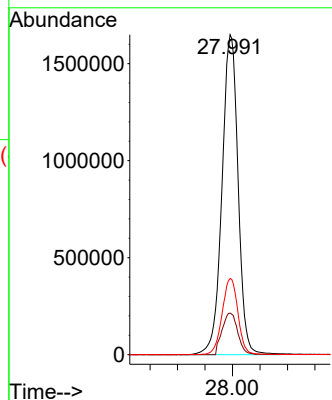
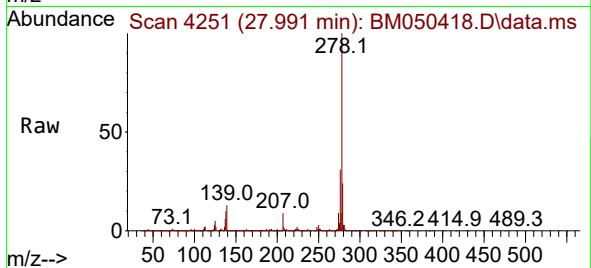
Tgt Ion:278 Resp: 6709356

Ion Ratio Lower Upper

278 100

139 13.0 10.8 16.2

279 23.8 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 40.027 ng

RT: 29.003 min Scan# 4423

Delta R.T. -0.006 min

Lab File: BM050418.D

Acq: 11 Jul 2025 18:38

Tgt Ion:276 Resp: 6479114

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.7 14.9 22.3

