

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071025\  
 Data File : BM050388.D  
 Acq On : 10 Jul 2025 13:53  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 10 14:39:55 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     | 7.863  | 152  | 446689   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.657 | 136  | 1689419  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.492 | 164  | 1077979  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 2057474  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.450 | 240  | 2112610  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.491 | 264  | 2045327  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 2031844  | 78.297 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.022  | 99   | 2616916  | 79.995 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.016  | 82   | 2659377  | 80.309 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.974 | 330  | 1071758  | 81.829 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.121 | 172  | 6895749  | 78.998 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.839 | 244  | 10310723 | 85.871 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.334  | 88   | 403246   | 37.789 | ng    | 100      |
| 3) Pyridine                   | 3.728  | 79   | 1067511  | 38.105 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.640  | 42   | 509026   | 38.975 | ng    | 100      |
| 6) Aniline                    | 7.187  | 93   | 1662658  | 39.604 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.428  | 128  | 1071561  | 39.160 | ng    | 99       |
| 9) Benzaldehyde               | 6.998  | 77   | 802836   | 41.256 | ng    | 97       |
| 10) Phenol                    | 7.045  | 94   | 1338998  | 39.244 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.281  | 93   | 1056029  | 38.647 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.751  | 146  | 1279283  | 38.448 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.898  | 146  | 1304979  | 38.410 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.216  | 146  | 1254013  | 38.554 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.098  | 79   | 892127   | 38.705 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.392  | 45   | 1554762  | 38.628 | ng    | 99       |
| 17) 2-Methylphenol            | 8.298  | 107  | 865693   | 39.119 | ng    | 98       |
| 18) Hexachloroethane          | 8.951  | 117  | 461565   | 38.629 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.669  | 70   | 804233   | 40.582 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.628  | 107  | 1153500  | 38.828 | ng    | 99       |
| 22) Acetophenone              | 8.681  | 105  | 1658059  | 39.254 | ng    | # 99     |
| 24) Nitrobenzene              | 9.057  | 77   | 1158614  | 39.209 | ng    | 98       |
| 25) Isophorone                | 9.586  | 82   | 2134890  | 39.731 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.769  | 139  | 500678   | 41.573 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.828  | 122  | 1002511  | 39.120 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.069 | 93   | 1393378  | 39.134 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.304 | 162  | 1059842  | 40.255 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.522 | 180  | 1224173  | 38.868 | ng    | 99       |
| 31) Naphthalene               | 10.710 | 128  | 3319721  | 38.687 | ng    | 100      |
| 32) Benzoic acid              | 9.945  | 122  | 546926   | 36.416 | ng    | 100      |
| 33) 4-Chloroaniline           | 10.810 | 127  | 1448728  | 39.935 | ng    | 100      |
| 34) Hexachlorobutadiene       | 11.004 | 225  | 735985   | 38.287 | ng    | 98       |
| 35) Caprolactam               | 11.580 | 113  | 286350   | 39.842 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.933 | 107  | 990607   | 40.292 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.316 | 142  | 2147668  | 39.639 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.539 | 142  | 2272208  | 39.627 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.686 | 216  | 1342030  | 39.148 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.674 | 237  | 819638   | 37.405 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.922 | 196  | 846428   | 40.113 | ng    | 99       |

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.992 | 196  | 917833   | 39.828 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.327 | 154  | 3138094  | 39.237 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.369 | 162  | 2513031  | 39.409 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.563 | 65   | 592609   | 41.634 | ng    | 96       |
| 49) Acenaphthylene            | 14.216 | 152  | 3839412  | 39.840 | ng    | 99       |
| 50) Dimethylphthalate         | 13.951 | 163  | 2916065  | 39.292 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.057 | 165  | 594910   | 41.749 | ng    | 99       |
| 52) Acenaphthene              | 14.557 | 154  | 2422434  | 39.538 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.386 | 138  | 636432   | 41.996 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.586 | 184  | 254984   | 36.238 | ng    | 92       |
| 55) Dibenzofuran              | 14.886 | 168  | 3688817  | 39.075 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.680 | 139  | 526425   | 40.394 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.839 | 165  | 804634   | 38.303 | ng    | 98       |
| 58) Fluorene                  | 15.533 | 166  | 3079505  | 39.604 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.110 | 232  | 771927   | 39.791 | ng    | 99       |
| 60) Diethylphthalate          | 15.310 | 149  | 2810029  | 39.637 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.533 | 204  | 1600094  | 39.354 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.539 | 138  | 673524   | 39.162 | ng    | 98       |
| 63) Azobenzene                | 15.821 | 77   | 2608064  | 40.064 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 385118   | 36.542 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.739 | 169  | 2541040  | 39.468 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.421 | 248  | 894343   | 39.453 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.539 | 284  | 1046999  | 39.106 | ng    | 98       |
| 69) Atrazine                  | 16.686 | 200  | 842425   | 39.848 | ng    | 99       |
| 70) Pentachlorophenol         | 16.874 | 266  | 646550   | 38.793 | ng    | 98       |
| 71) Phenanthrene              | 17.268 | 178  | 4508419  | 38.724 | ng    | 99       |
| 72) Anthracene                | 17.357 | 178  | 4577103  | 39.496 | ng    | 100      |
| 73) Carbazole                 | 17.621 | 167  | 4126339  | 39.352 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.192 | 149  | 4587331  | 39.969 | ng    | 99       |
| 75) Fluoranthene              | 19.274 | 202  | 5008839  | 39.575 | ng    | 99       |
| 77) Benzidine                 | 19.451 | 184  | 2430477  | 45.105 | ng    | 99       |
| 78) Pyrene                    | 19.633 | 202  | 5331086  | 39.401 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.533 | 149  | 1845186  | 41.359 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.433 | 228  | 5459861  | 39.664 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.356 | 252  | 1783244  | 38.415 | ng    | 100      |
| 83) Chrysene                  | 21.497 | 228  | 5095338  | 39.245 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 2957902  | 41.765 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.521 | 149  | 4516993  | 40.722 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.932 | 276  | 5874332  | 40.395 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.533 | 252  | 5005196  | 39.784 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.597 | 252  | 5253318  | 40.242 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.350 | 252  | 4766800  | 40.476 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.991 | 278  | 4946864  | 40.393 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.997 | 276  | 4662826  | 40.284 | ng    | 100      |

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

BNA M

**ClientSampleId :**  
SSTDCCC040

Abundance

TIC: BM050388.D\data.ms

Time--> 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00

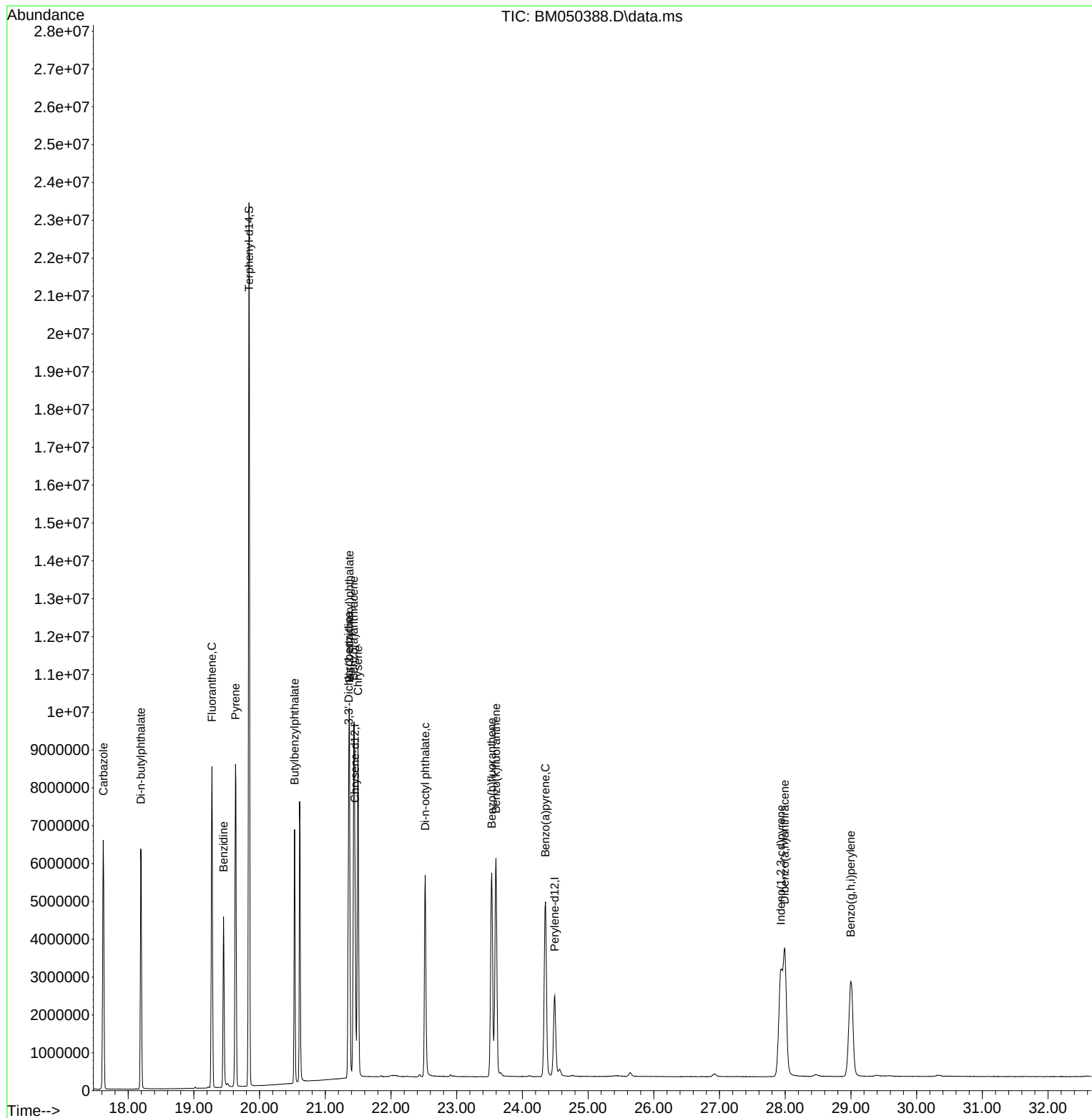
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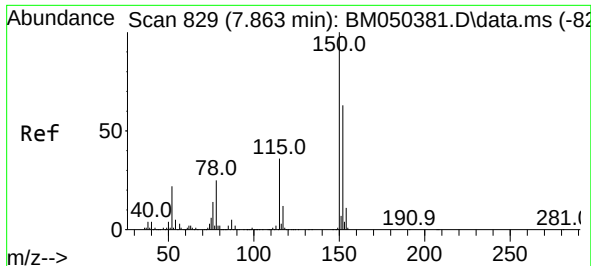
- 1,4-Dioxane
- n-Nitrosodiphenylamine,
- Pyridine
- 2-Fluorophenol, S
- Phthalaldehyde-d6, S
- bis(2-Chloroethoxy)ether
- 2-Chlorophenol,
- 1,4-Dichlorobenzene
- Benzyl Alcohol
- 1,4-Dichlorobenzene
- 2,2'-oxybis[1-(chloromethyl)propane]
- 3,4,4-Methylphenylpropylamine,P
- Hexachloroethane
- Nitrobenzene
- Nitrobenzene-d5,S
- Isophorone
- 2-Nitrophenoxy-2,4-Dimethylphenol
- Benzoic acid
- bis(2-Chloroethoxy)methane
- 2,4-Dichlorophenol C
- 1,2,4-Trichlorobenzene
- Naphthalene-d8,Naphthalene
- 4-Chloroaniline
- Hexachlorobutadiene, C
- Caprolactam
- 4-Chloro-3-methylphenol,C
- 2-Methylnaphthalene
- 1-Methylnaphthalene
- Hexachlorocyclopentadiene
- 2,4,6-Trichlorophenol,C
- 2-Fluorobiphenyl,S
- 2-Chloronaphthalene
- 2-Nitroaniline
- Dimethylphthalate
- Acenaphthylene
- 3-Nitroaniline
- Acenaphthene-d10,I
- Acenaphthene,C
- 2,4-Dinitrophenol,P
- Dibenzofuran
- 2,3,4,6-Tetrachlorophenol
- Diethylphthalate
- 4,6-Dinitro-2-methylphenol
- Azobenzene n-Nitrosodiphenylamine,c
- 2,4,6-Tribromophenol,S
- 4-Bromophenyl-phenylether
- Hexachlorobenzene
- Atrazine
- Pentachlorophenol,C
- Phenanthrene-d10,I
- Phenanthrene
- Carbazole

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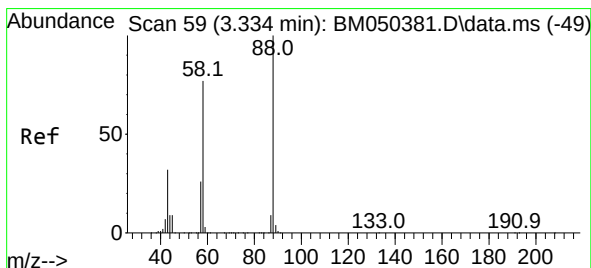
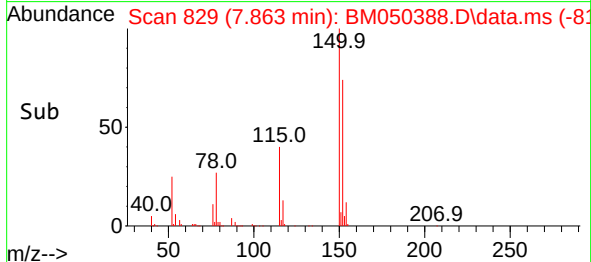
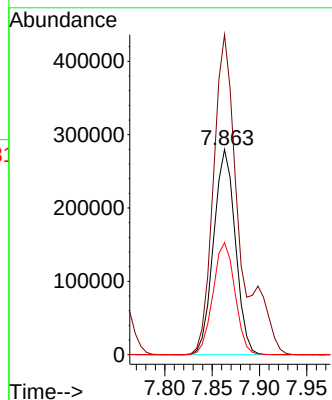
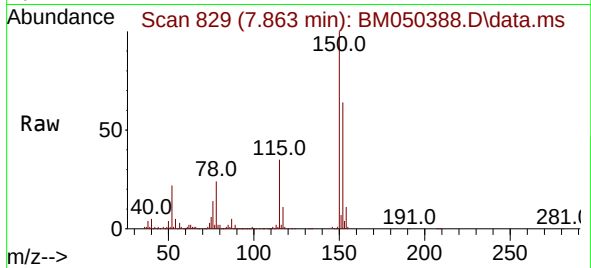




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.863 min Scan# 829  
 Delta R.T. 0.000 min  
 Lab File: BM050388.D  
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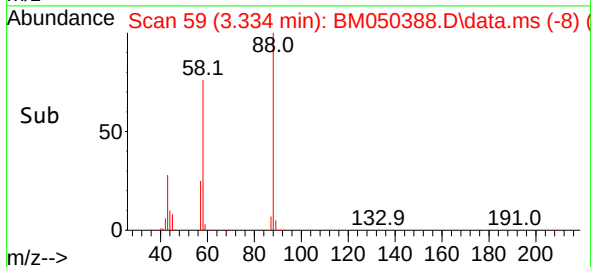
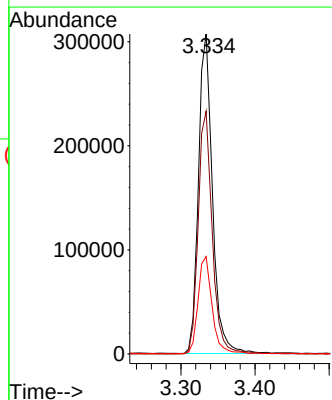
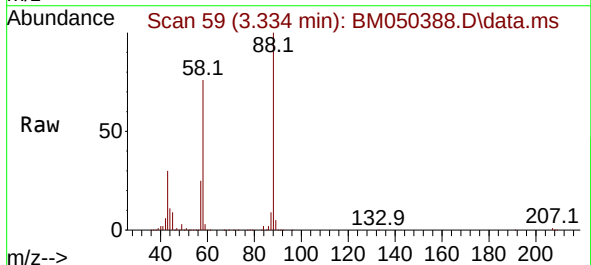
Instrument :  
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 ClientSampleId :  
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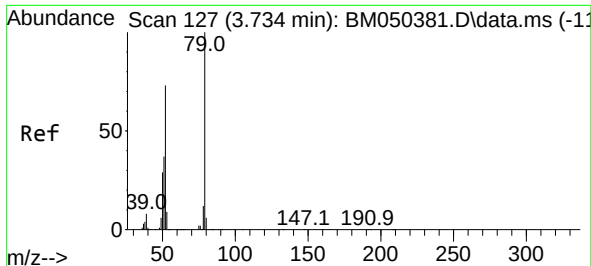
Tgt Ion:152 Resp: 446689  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 126.2 189.4  
 115 54.6 45.8 68.8



#2  
 1,4-Dioxane  
 Concen: 37.789 ng  
 RT: 3.334 min Scan# 59  
 Delta R.T. 0.000 min  
 Lab File: BM050388.D  
 Acq: 10 Jul 2025 13:53

Tgt Ion: 88 Resp: 403246  
 Ion Ratio Lower Upper  
 88 100  
 58 76.3 61.0 91.6  
 43 30.5 24.6 37.0

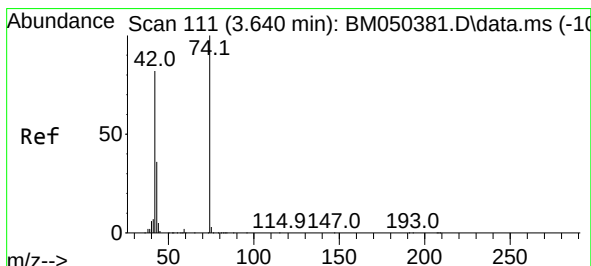
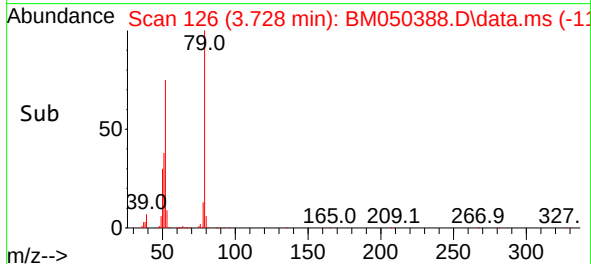
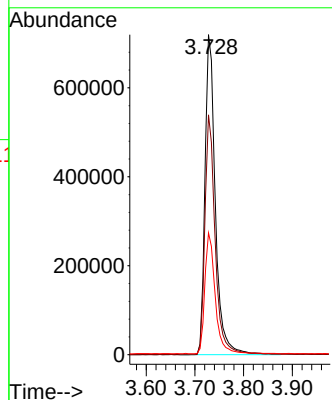
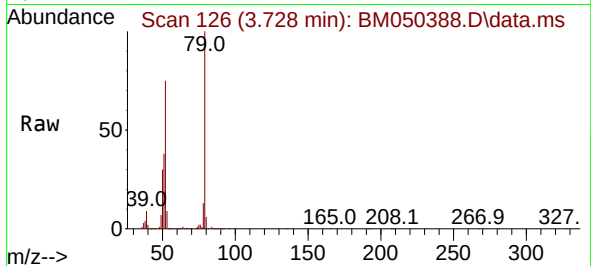




#3  
Pyridine  
Concen: 38.105 ng  
RT: 3.728 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

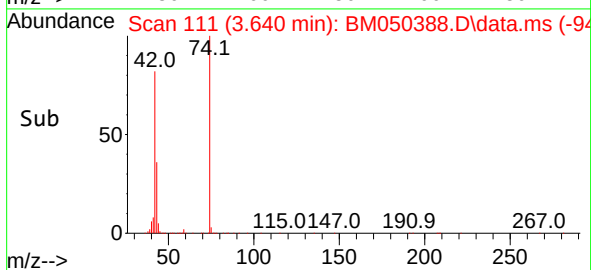
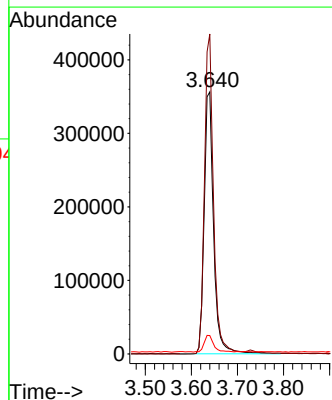
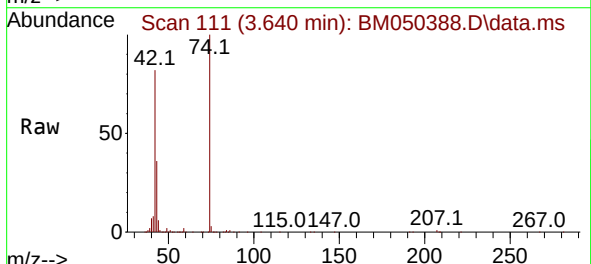
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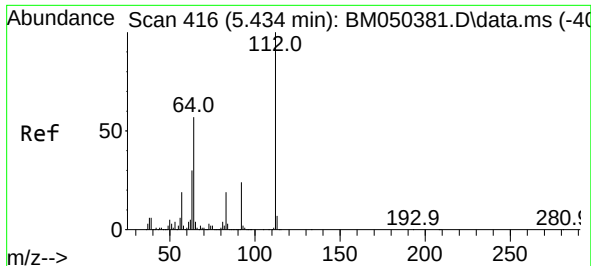
Tgt Ion: 79 Resp: 1067511  
Ion Ratio Lower Upper  
79 100  
52 74.9 58.3 87.5  
51 38.1 29.6 44.4



#4  
n-Nitrosodimethylamine  
Concen: 38.975 ng  
RT: 3.640 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
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Tgt Ion: 42 Resp: 509026  
Ion Ratio Lower Upper  
42 100  
74 122.1 97.5 146.3  
44 7.0 5.7 8.5

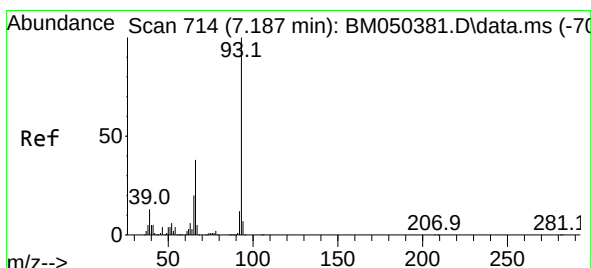
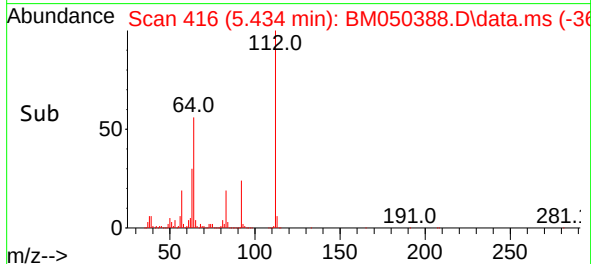
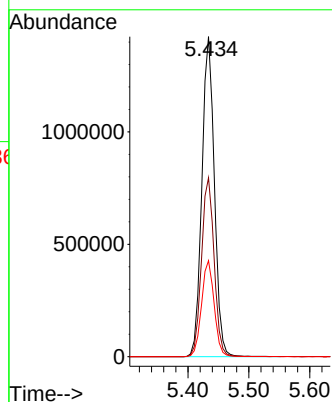
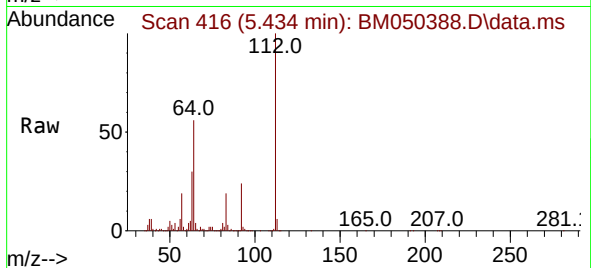




#5  
2-Fluorophenol  
Concen: 78.297 ng  
RT: 5.434 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

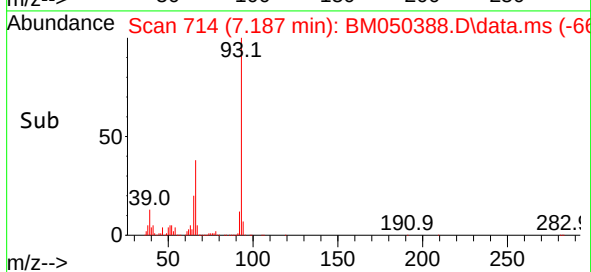
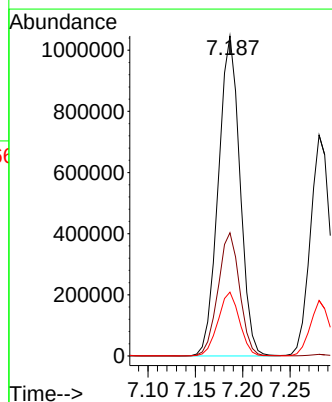
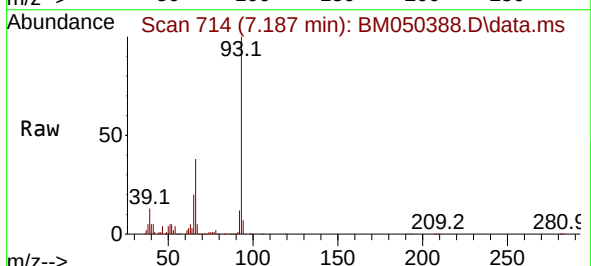
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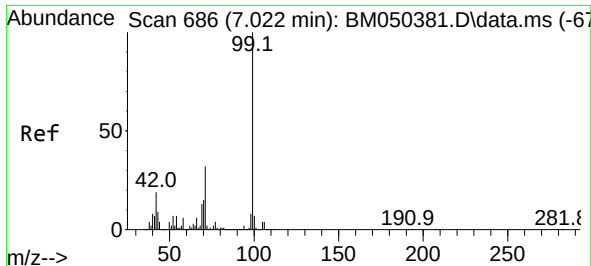
Tgt Ion:112 Resp: 2031844  
Ion Ratio Lower Upper  
112 100  
64 55.9 45.5 68.3  
63 30.0 24.2 36.4



#6  
Aniline  
Concen: 39.604 ng  
RT: 7.187 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
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Tgt Ion: 93 Resp: 1662658  
Ion Ratio Lower Upper  
93 100  
66 38.5 30.5 45.7  
65 20.0 15.9 23.9

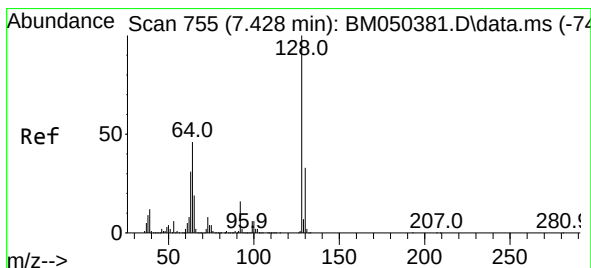
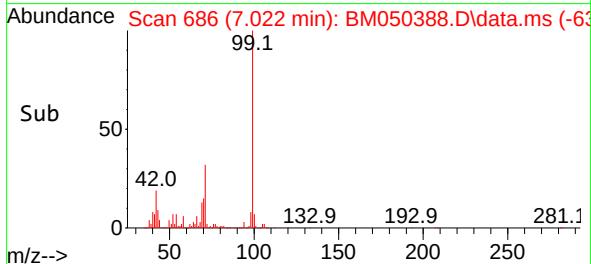
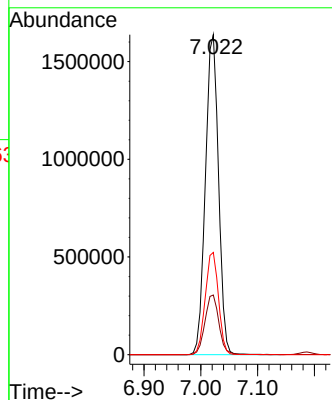
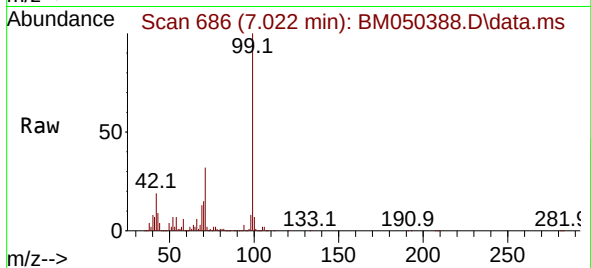




#7  
Phenol-d6  
Concen: 79.995 ng  
RT: 7.022 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

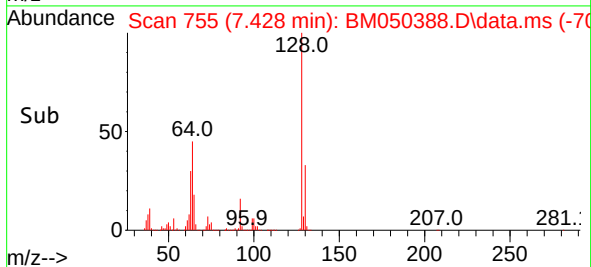
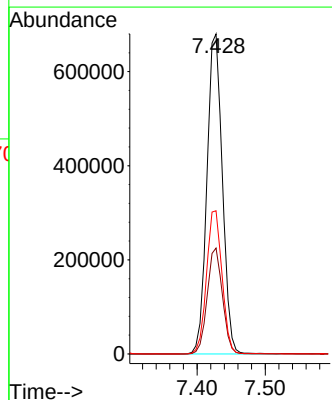
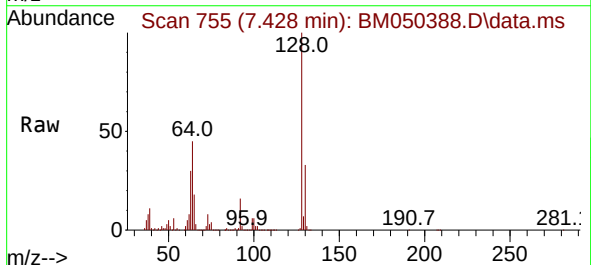
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 2616916  
Ion Ratio Lower Upper  
99 100  
42 18.6 15.0 22.6  
71 32.0 25.9 38.9

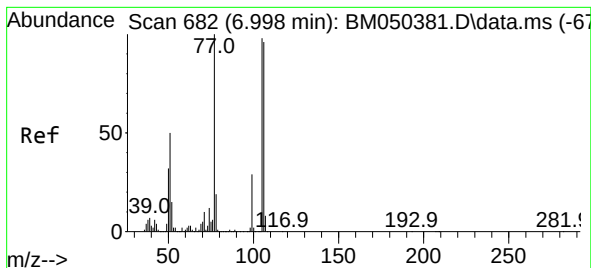


#8  
2-Chlorophenol  
Concen: 39.160 ng  
RT: 7.428 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:128 Resp: 1071561  
Ion Ratio Lower Upper  
128 100  
130 33.1 13.3 53.3  
64 44.7 25.6 65.6







#9

Benzaldehyde

Concen: 41.256 ng

RT: 6.998 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM050388.D

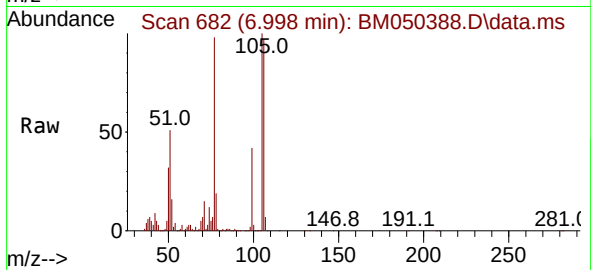
Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



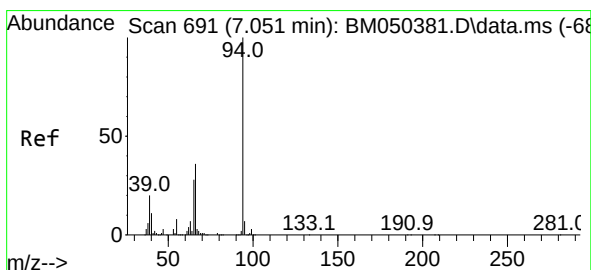
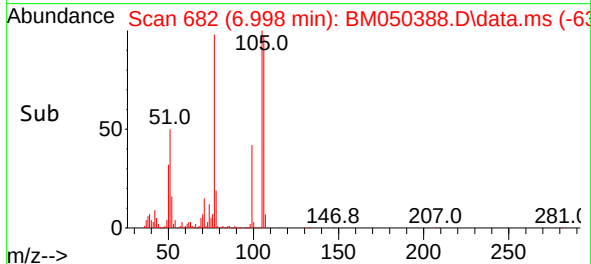
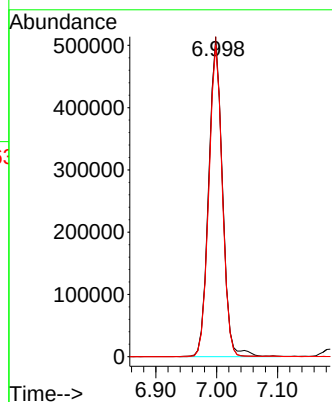
Tgt Ion: 77 Resp: 802836

Ion Ratio Lower Upper

77 100

105 101.7 78.4 118.4

106 98.9 76.3 116.3



#10

Phenol

Concen: 39.244 ng

RT: 7.045 min Scan# 690

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

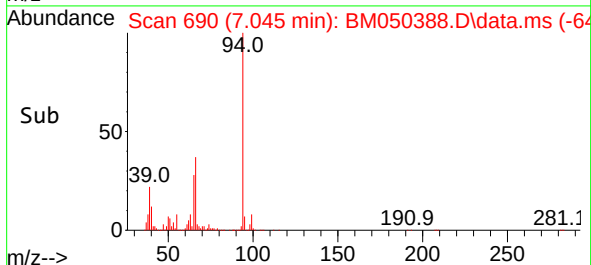
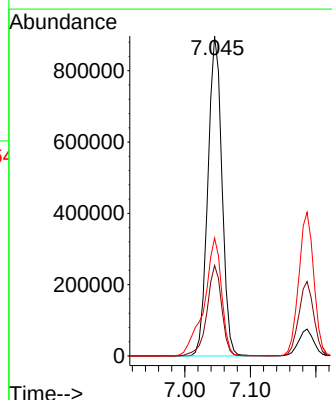
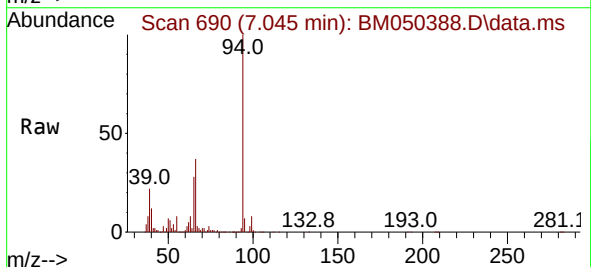
Tgt Ion: 94 Resp: 1338998

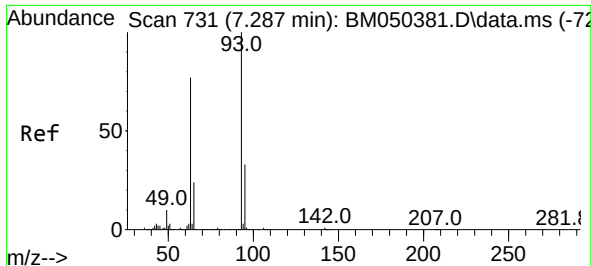
Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

66 36.8 15.8 55.8



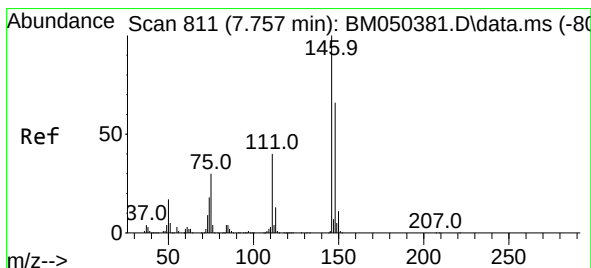
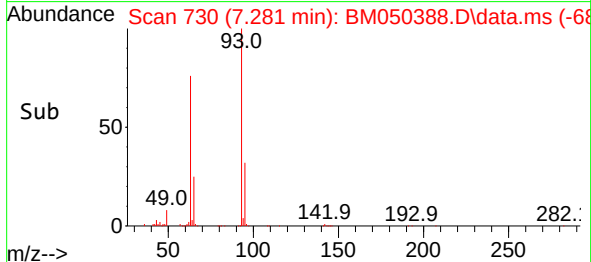
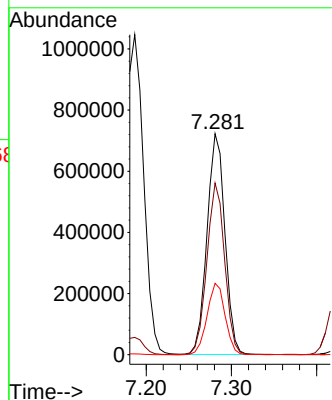
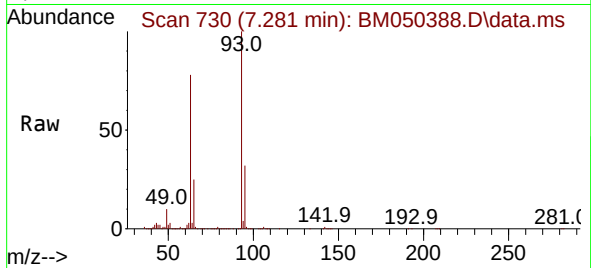


#11  
bis(2-Chloroethyl)ether  
Concen: 38.647 ng  
RT: 7.281 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 1056029

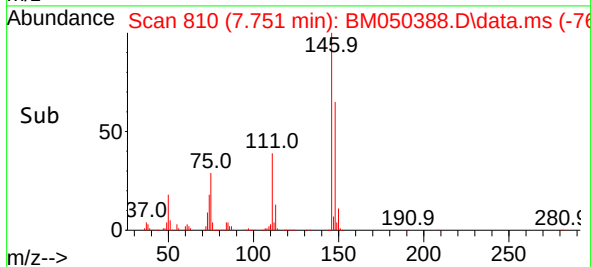
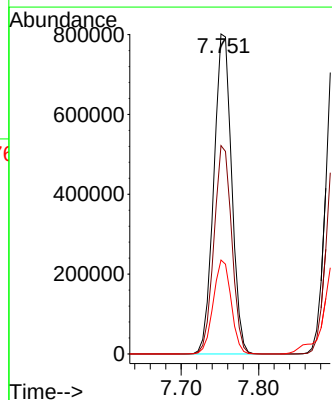
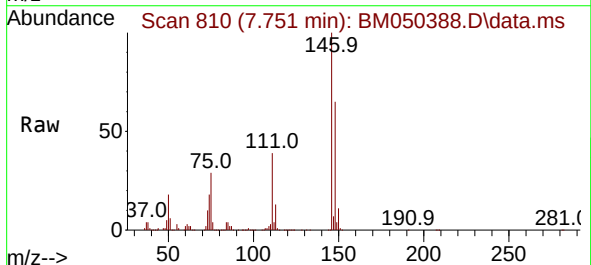
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 77.6  | 56.9  | 96.9  |
| 95  | 32.3  | 12.6  | 52.6  |

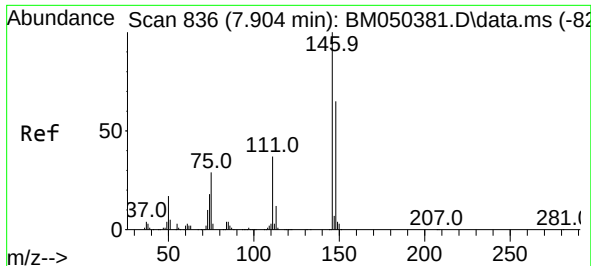


#12  
1,3-Dichlorobenzene  
Concen: 38.448 ng  
RT: 7.751 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:146 Resp: 1279283

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.1  | 53.2  | 79.8  |
| 75  | 29.4  | 23.9  | 35.9  |

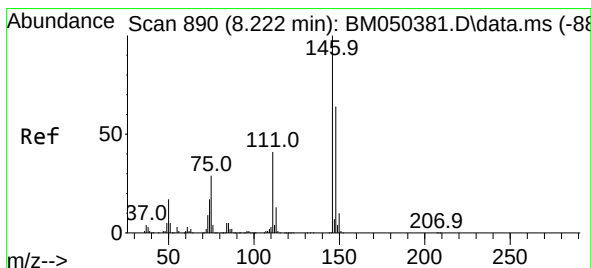
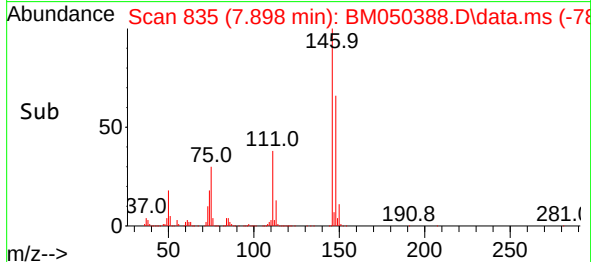
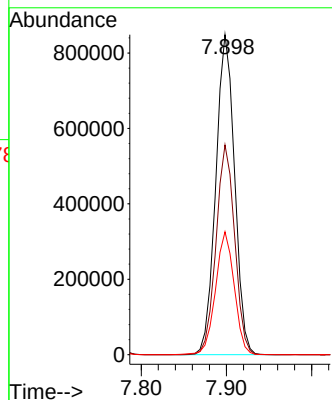
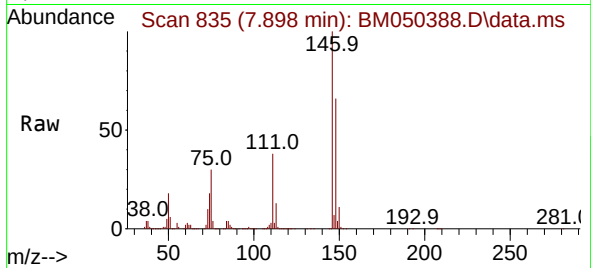




#13  
1,4-Dichlorobenzene  
Concen: 38.410 ng  
RT: 7.898 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

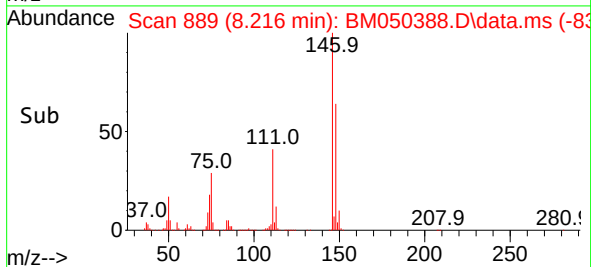
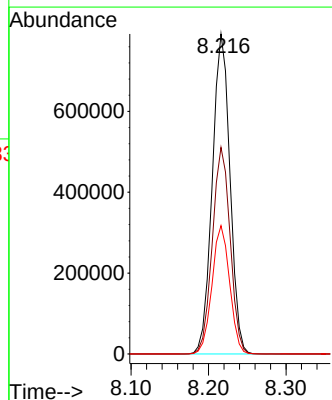
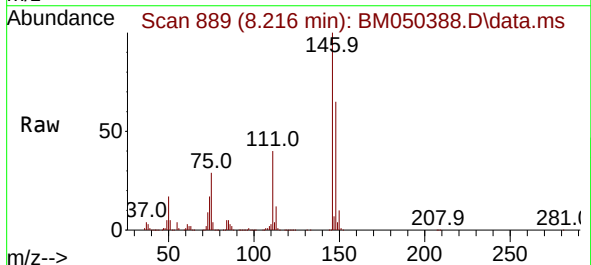
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

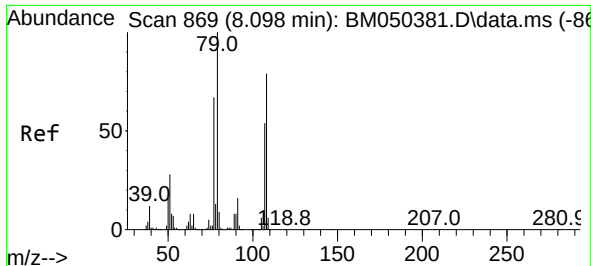
Tgt Ion:146 Resp: 1304979  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.9 77.9  
111 38.4 30.0 45.0



#14  
1,2-Dichlorobenzene  
Concen: 38.554 ng  
RT: 8.216 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:146 Resp: 1254013  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.5 77.3  
111 40.1 32.6 49.0

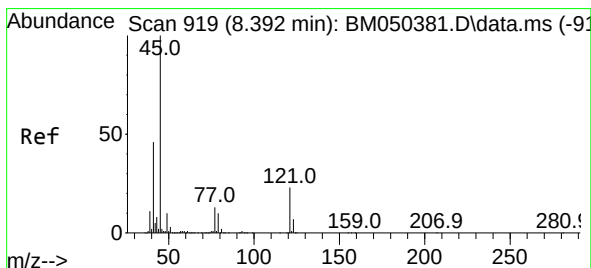
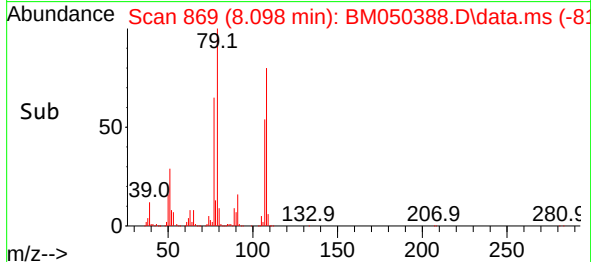
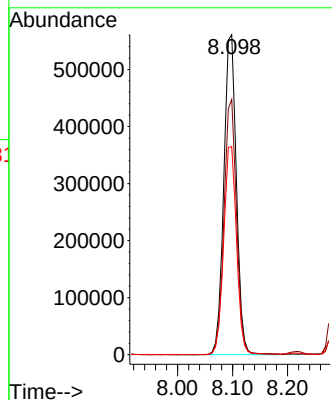
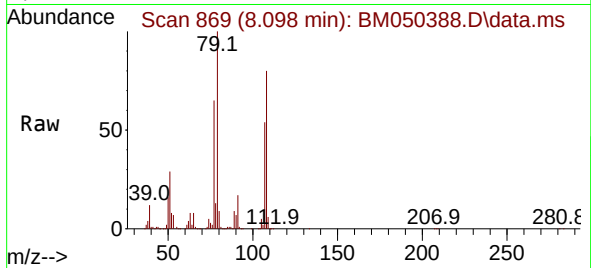




#15  
Benzyl Alcohol  
Concen: 38.705 ng  
RT: 8.098 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

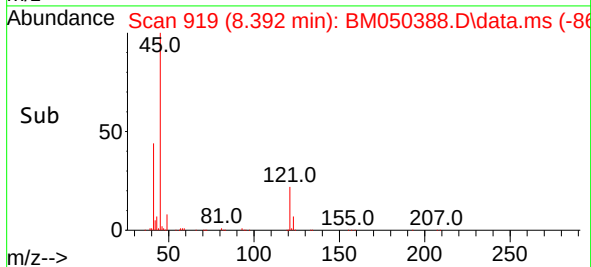
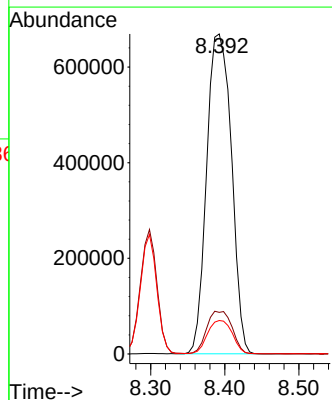
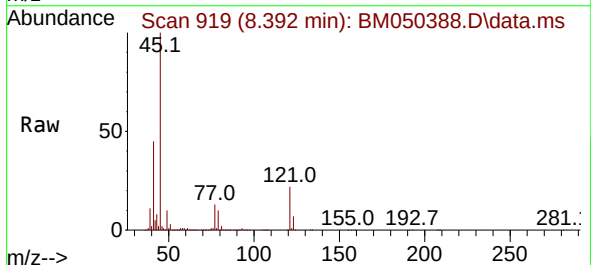
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

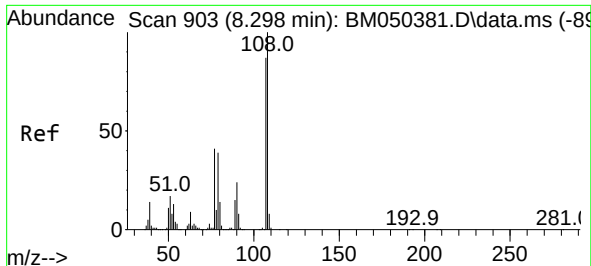
Tgt Ion: 79 Resp: 892127  
Ion Ratio Lower Upper  
79 100  
108 79.8 63.0 94.4  
77 65.0 53.4 80.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.628 ng  
RT: 8.392 min Scan# 919  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion: 45 Resp: 1554762  
Ion Ratio Lower Upper  
45 100  
77 13.0 0.0 33.5  
79 10.4 0.0 30.3

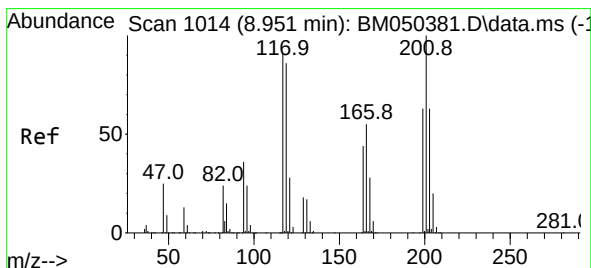
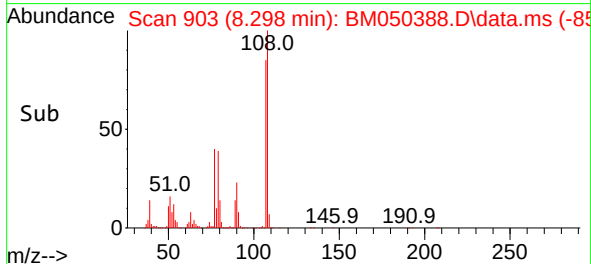
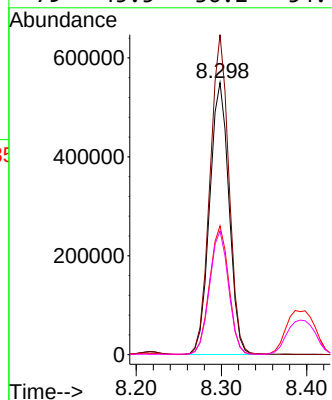
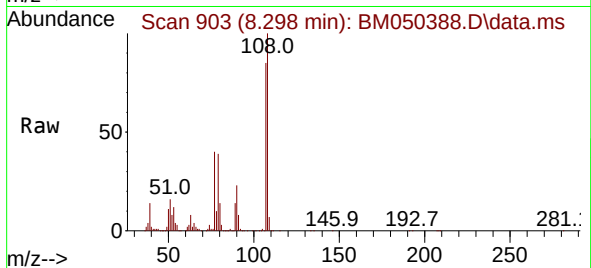




#17  
2-Methylphenol  
Concen: 39.119 ng  
RT: 8.298 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

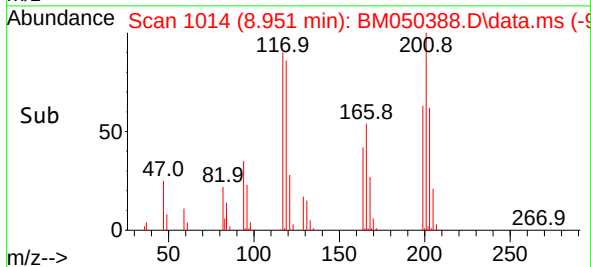
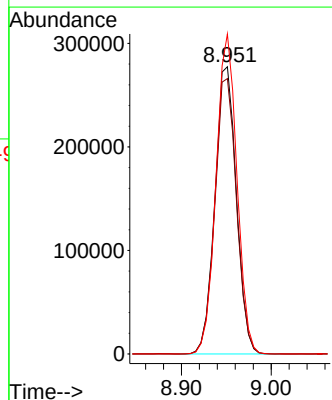
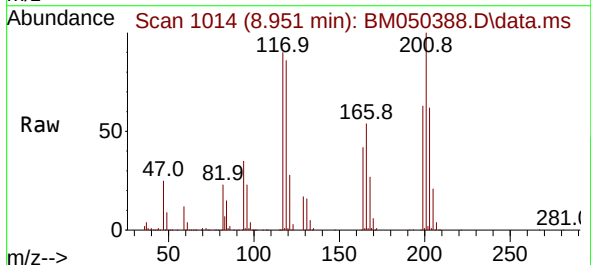
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

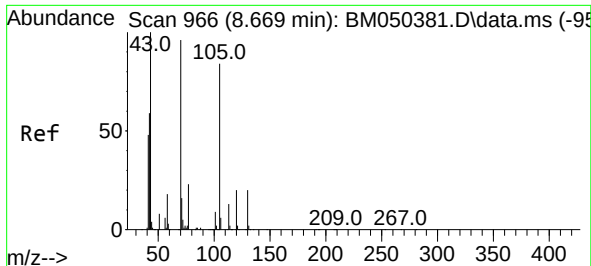
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 865693 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 117.6 | 92.1  | 138.1  |
| 77       | 47.3  | 38.2  | 57.4   |
| 79       | 45.5  | 36.2  | 54.4   |



#18  
Hexachloroethane  
Concen: 38.629 ng  
RT: 8.951 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 461565 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.9  | 75.6  | 113.4  |
| 201      | 111.4 | 87.9  | 131.9  |

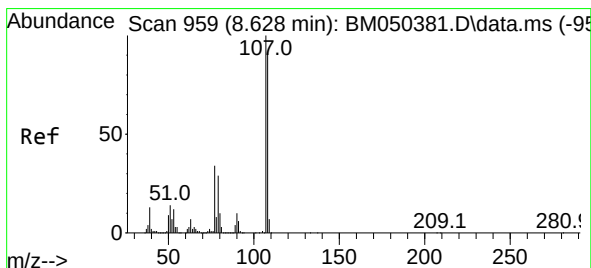
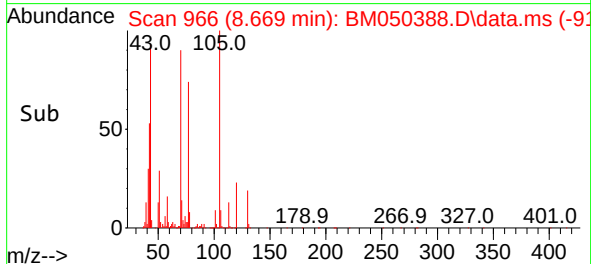
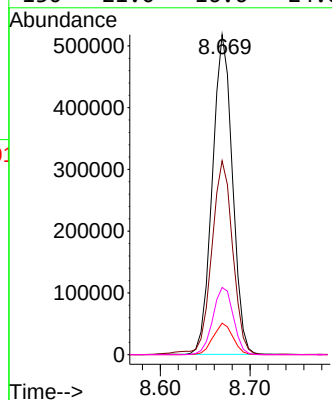
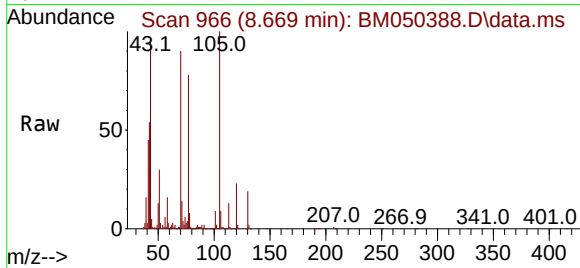




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.582 ng  
RT: 8.669 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

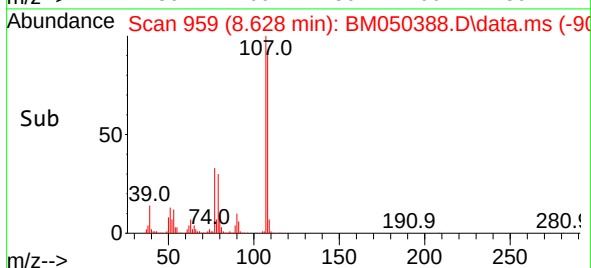
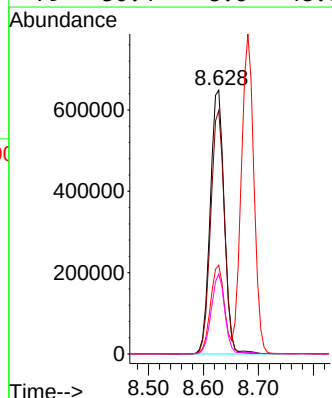
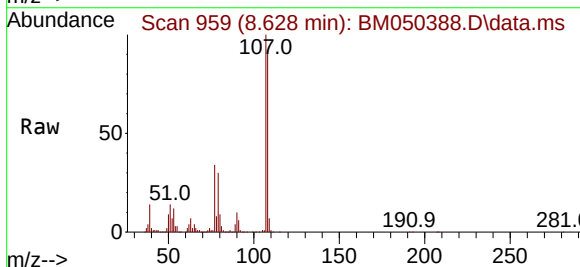
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

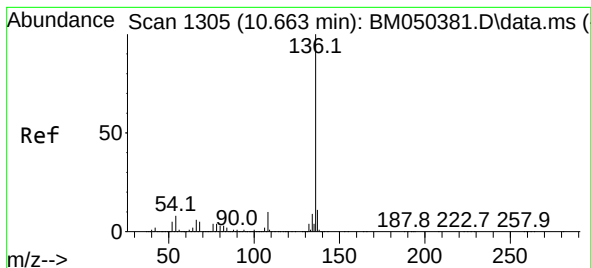
Tgt Ion: 70 Resp: 804233  
Ion Ratio Lower Upper  
70 100  
42 60.6 49.7 74.5  
101 9.9 7.7 11.5  
130 21.0 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 38.828 ng  
RT: 8.628 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion: 107 Resp: 1153500  
Ion Ratio Lower Upper  
107 100  
108 92.2 71.5 111.5  
77 33.6 13.7 53.7  
79 30.4 8.6 48.6



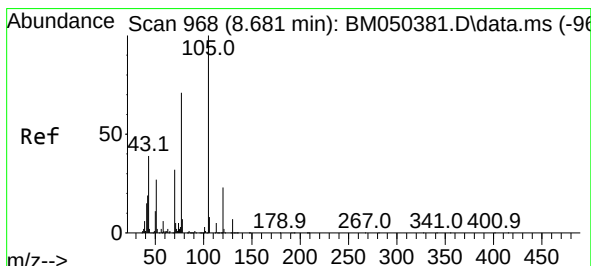
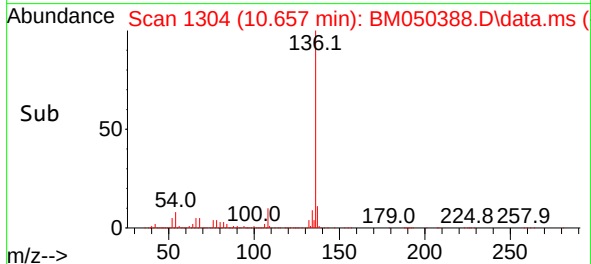
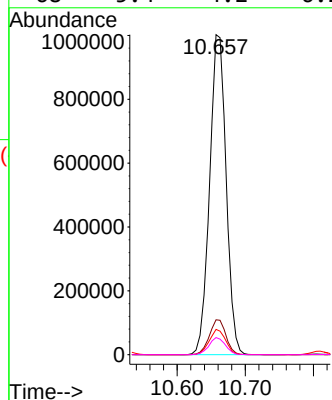
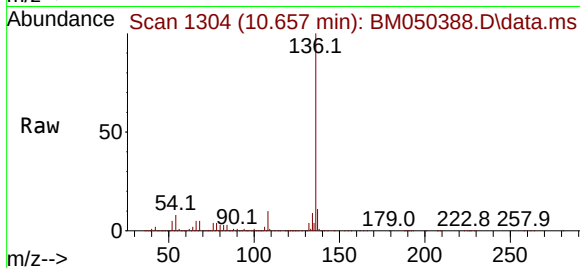


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.657 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 1689419

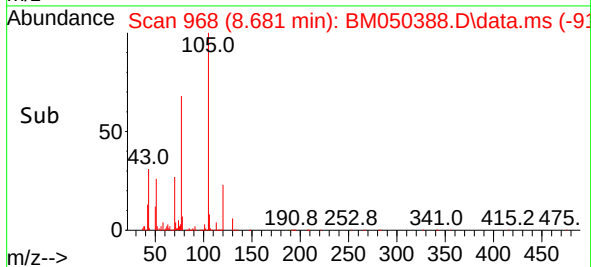
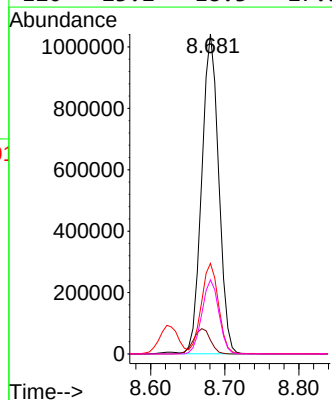
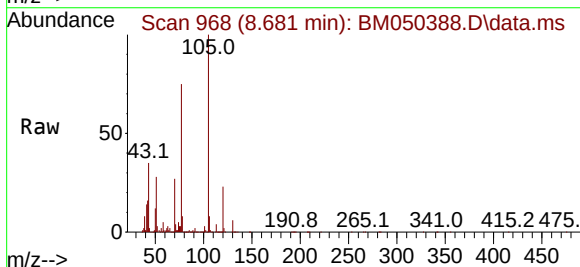
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.8   | 13.2  |
| 54  | 7.9   | 6.3   | 9.5   |
| 68  | 5.4   | 4.2   | 6.2   |

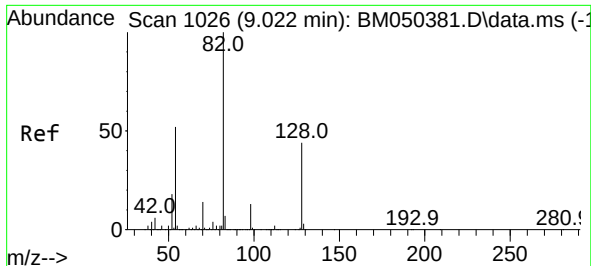


#22  
Acetophenone  
Concen: 39.254 ng  
RT: 8.681 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:105 Resp: 1658059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 4.3   | 4.4   | 6.6#  |
| 51  | 28.3  | 23.0  | 34.6  |
| 120 | 23.2  | 18.3  | 27.5  |

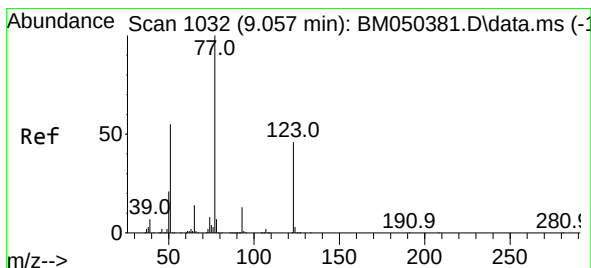
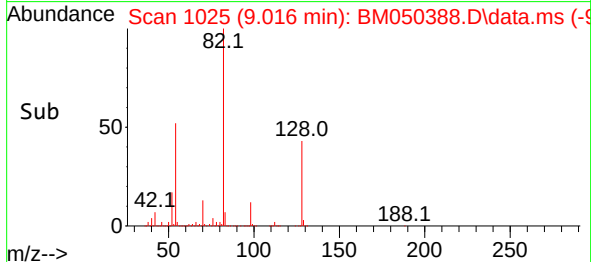
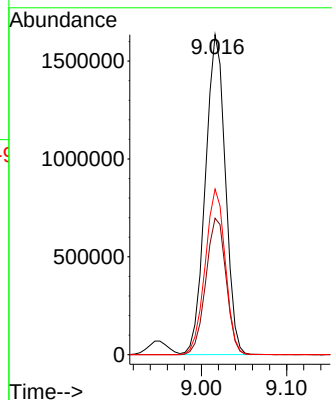
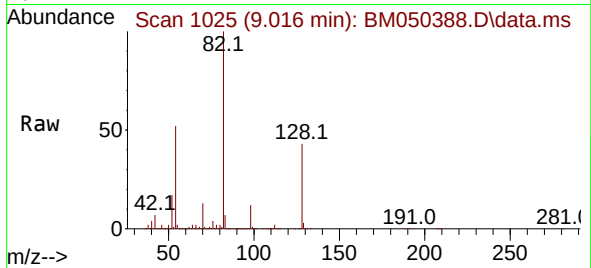




#23  
Nitrobenzene-d5  
Concen: 80.309 ng  
RT: 9.016 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

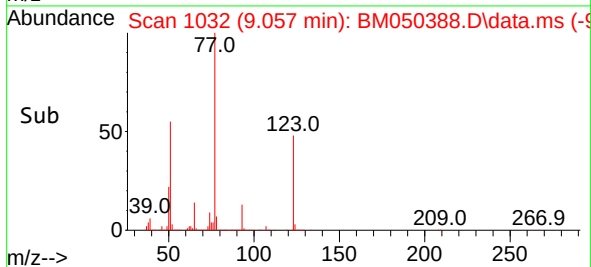
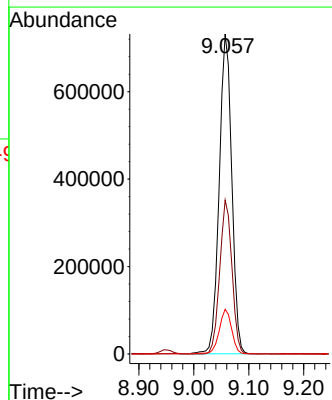
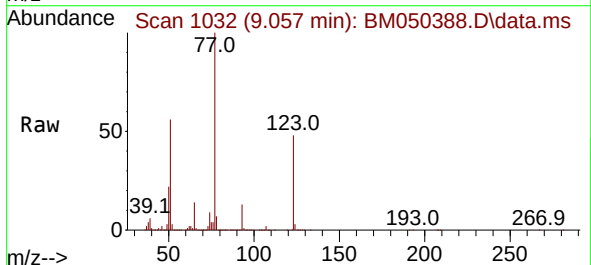
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 2659377  
Ion Ratio Lower Upper  
82 100  
128 42.7 35.2 52.8  
54 51.7 41.5 62.3

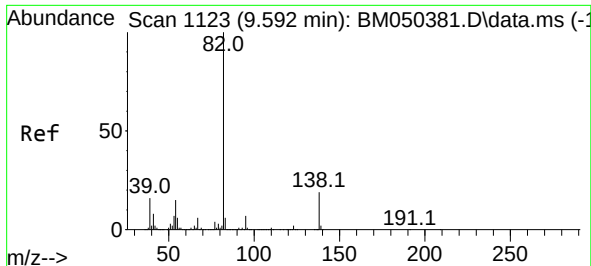


#24  
Nitrobenzene  
Concen: 39.209 ng  
RT: 9.057 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion: 77 Resp: 1158614  
Ion Ratio Lower Upper  
77 100  
123 48.1 37.0 55.6  
65 14.0 11.0 16.4



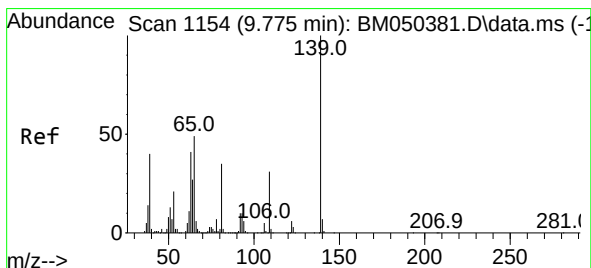
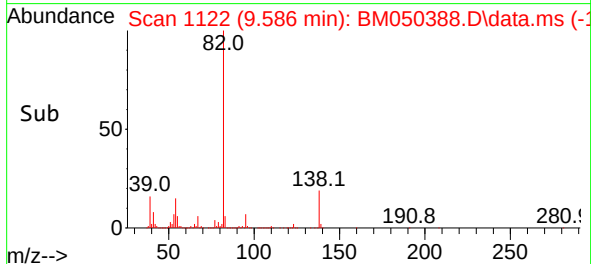
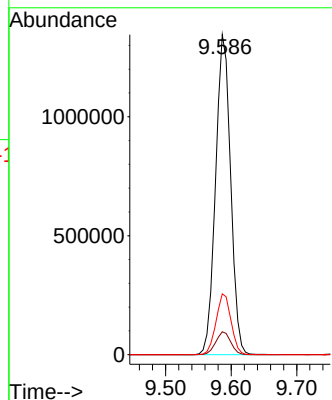
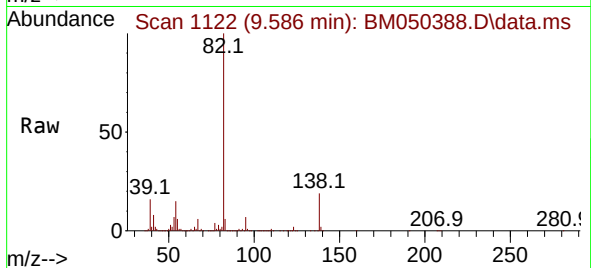




#25  
Isophorone  
Concen: 39.731 ng  
RT: 9.586 min Scan# 1122  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

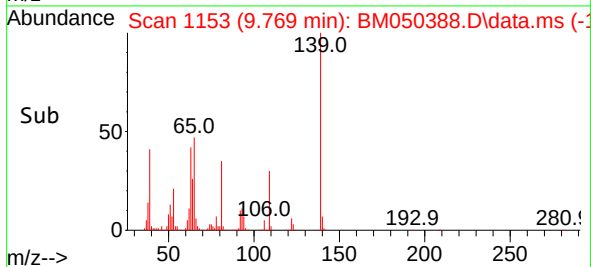
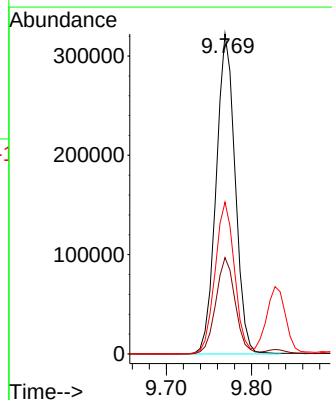
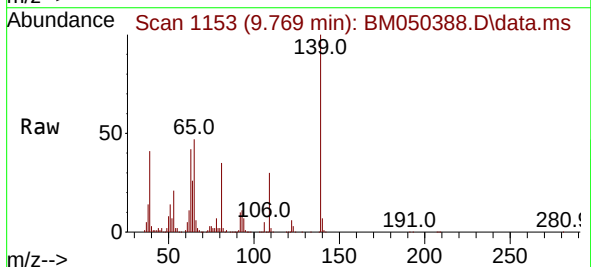
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

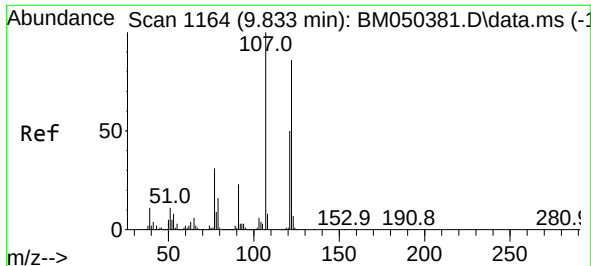
Tgt Ion: 82 Resp: 2134890  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.6 8.4  
138 19.0 15.3 22.9



#26  
2-Nitrophenol  
Concen: 41.573 ng  
RT: 9.769 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:139 Resp: 500678  
Ion Ratio Lower Upper  
139 100  
109 30.1 24.6 36.8  
65 47.4 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 39.120 ng

RT: 9.828 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

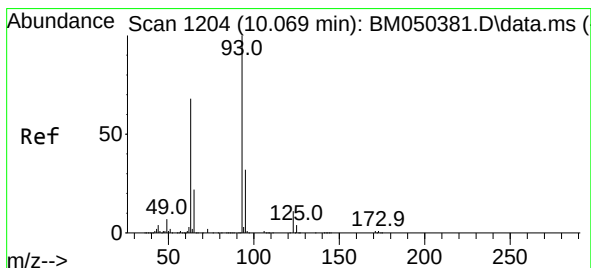
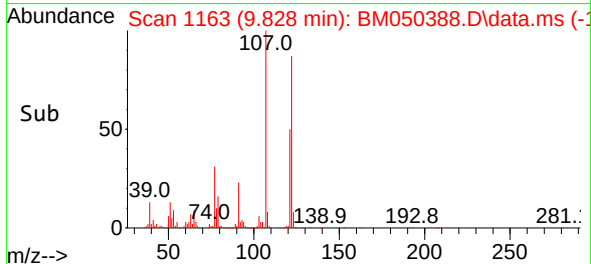
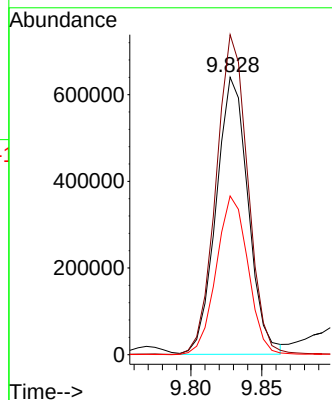
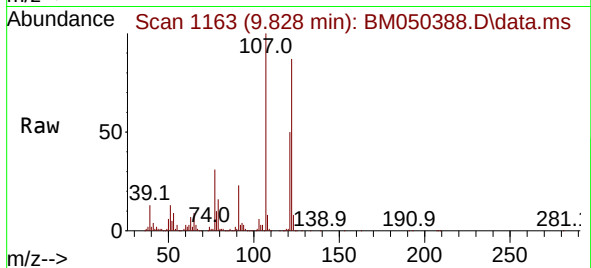
Tgt Ion:122 Resp: 1002511

Ion Ratio Lower Upper

122 100

107 115.4 93.0 139.6

121 57.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.134 ng

RT: 10.069 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

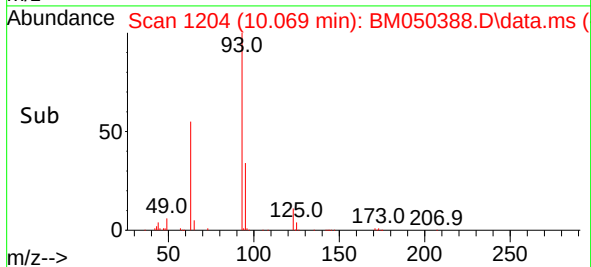
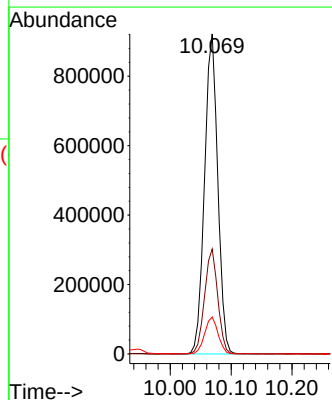
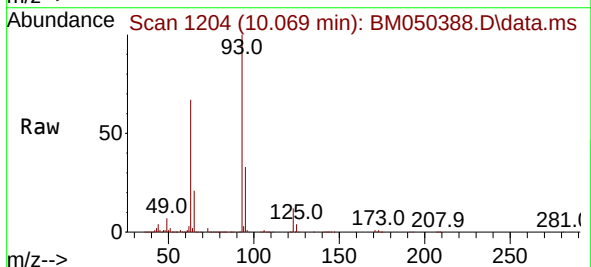
Tgt Ion: 93 Resp: 1393378

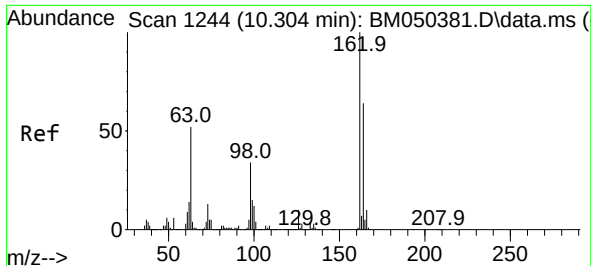
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.255 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

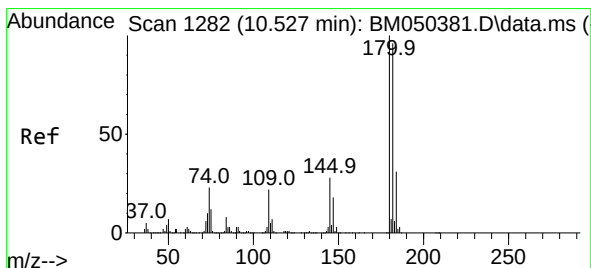
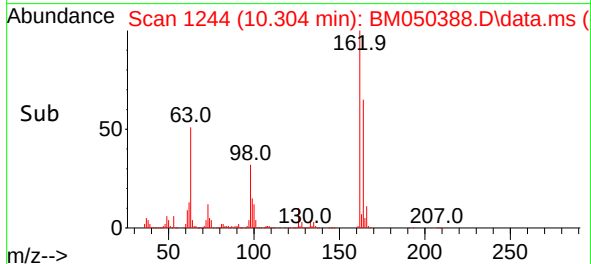
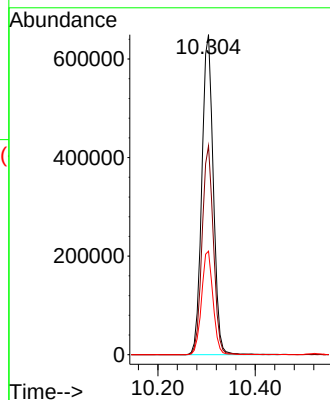
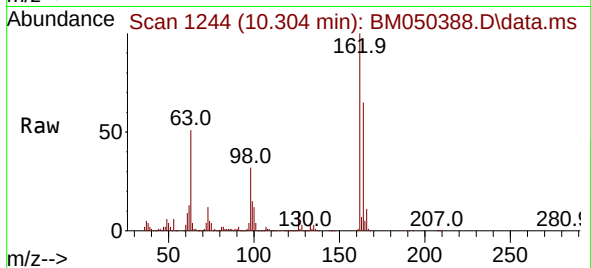
Tgt Ion:162 Resp: 1059842

Ion Ratio Lower Upper

162 100

164 65.3 43.7 83.7

98 32.4 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 38.868 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

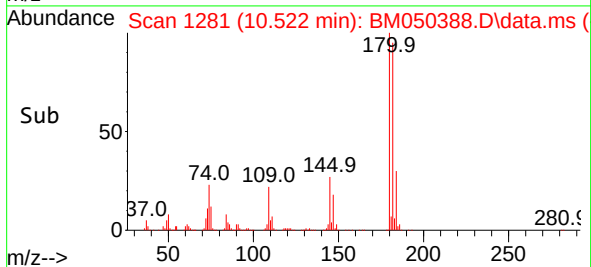
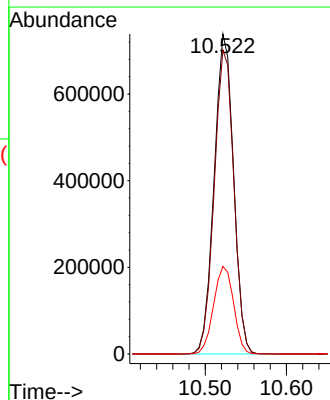
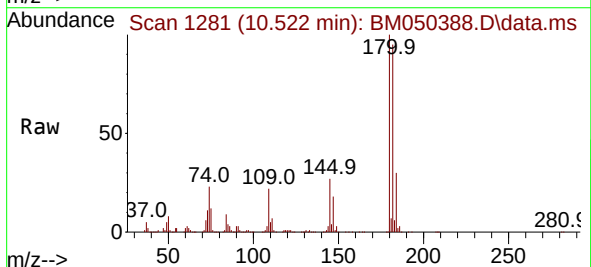
Tgt Ion:180 Resp: 1224173

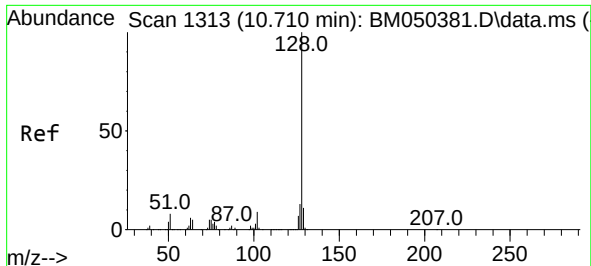
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 27.4 22.6 33.8

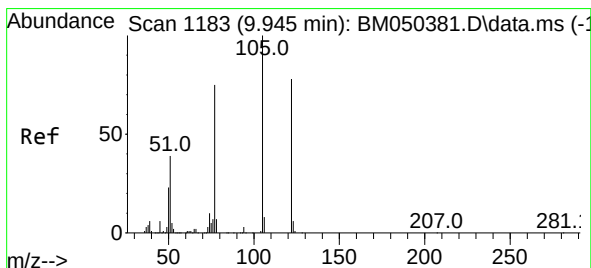
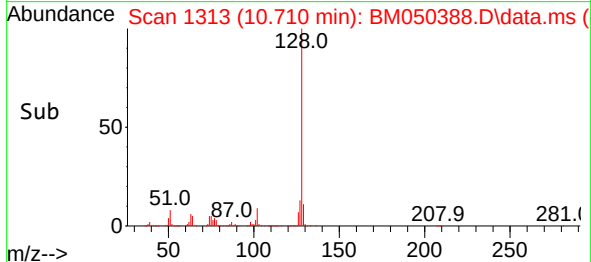
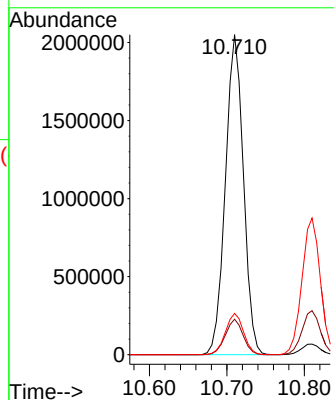
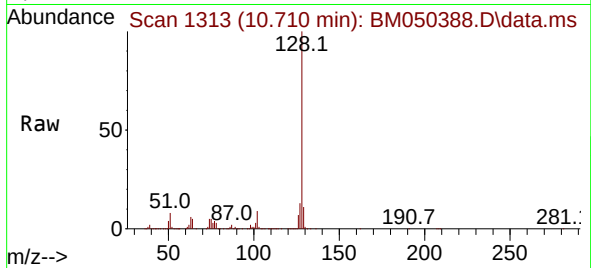




#31  
Naphthalene  
Concen: 38.687 ng  
RT: 10.710 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

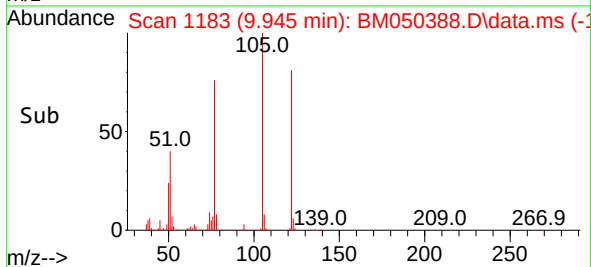
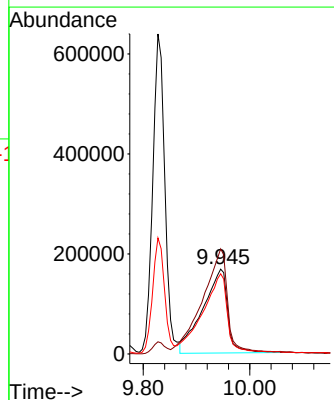
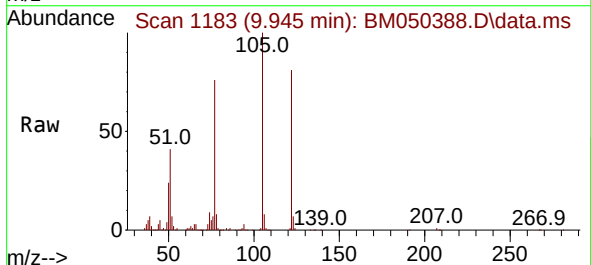
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

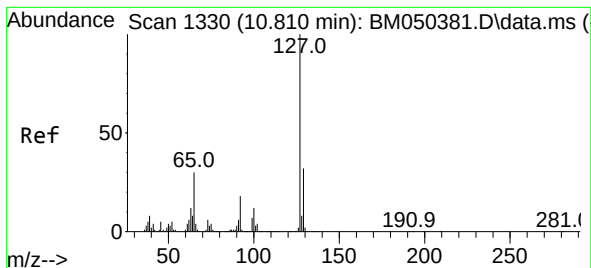
Tgt Ion:128 Resp: 3319721  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 12.9 10.4 15.6



#32  
Benzoic acid  
Concen: 36.416 ng  
RT: 9.945 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:122 Resp: 546926  
Ion Ratio Lower Upper  
122 100  
105 124.1 104.0 144.0  
77 94.6 73.8 113.8



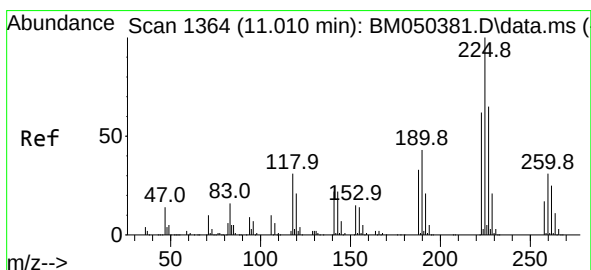
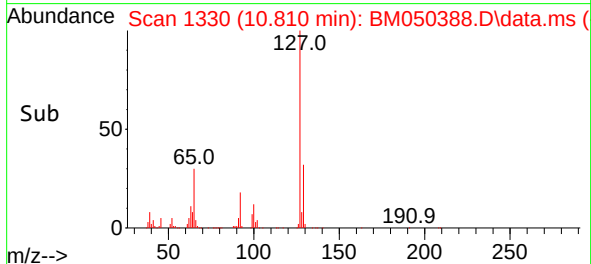
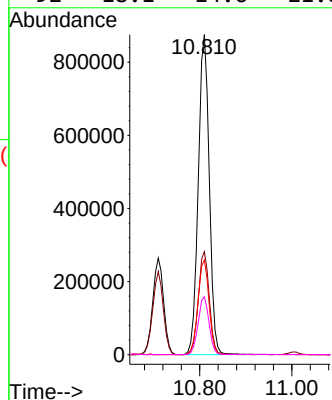
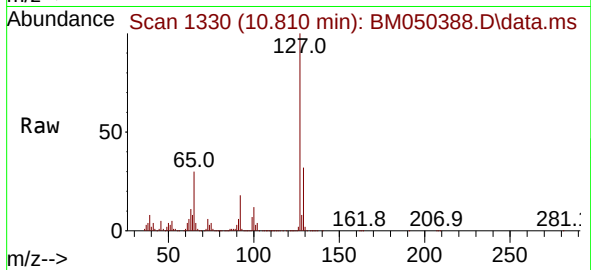


#33  
4-Chloroaniline  
Concen: 39.935 ng  
RT: 10.810 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:127 Resp: 1448728

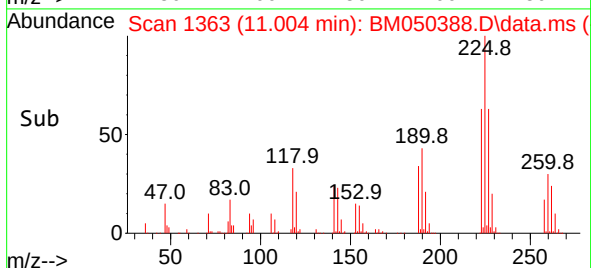
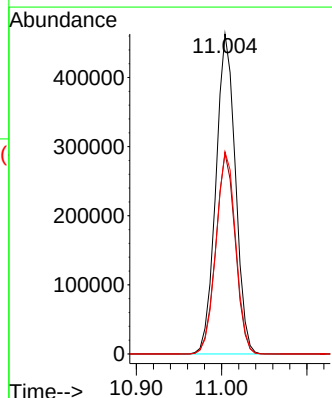
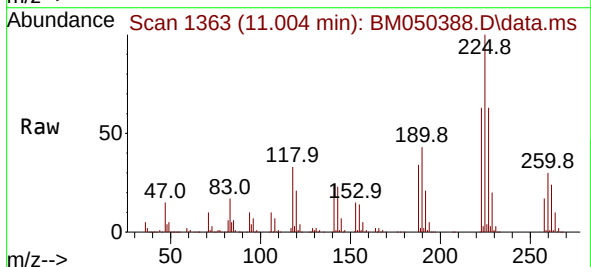
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.2  | 25.5  | 38.3  |
| 65  | 29.7  | 23.9  | 35.9  |
| 92  | 18.1  | 14.6  | 21.8  |

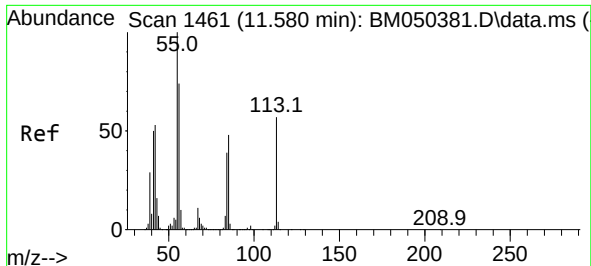


#34  
Hexachlorobutadiene  
Concen: 38.287 ng  
RT: 11.004 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:225 Resp: 735985

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.7  | 49.7  | 74.5  |
| 227 | 63.2  | 52.1  | 78.1  |

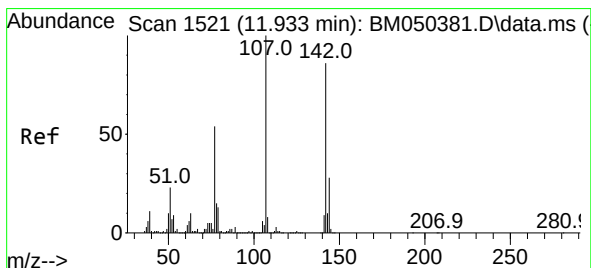
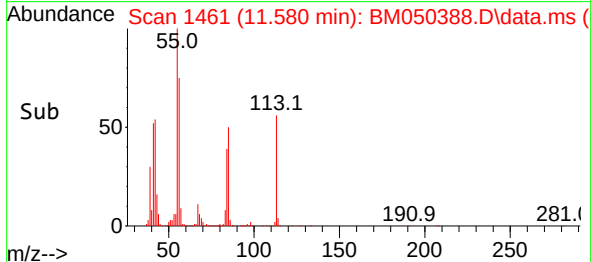
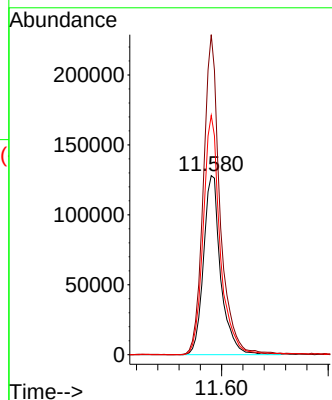
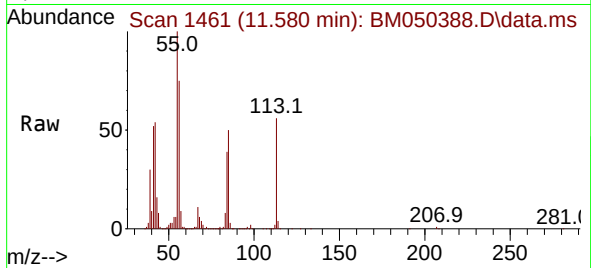




#35  
 Caprolactam  
 Concen: 39.842 ng  
 RT: 11.580 min Scan# 1461  
 Delta R.T. 0.000 min  
 Lab File: BM050388.D  
 Acq: 10 Jul 2025 13:53

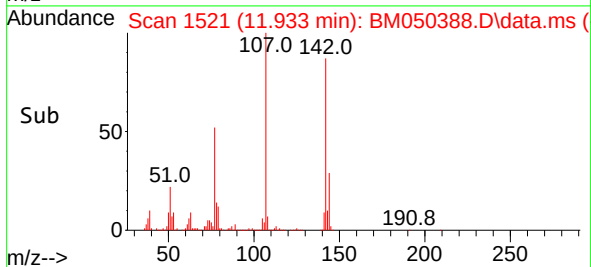
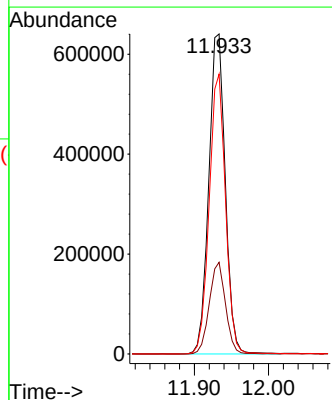
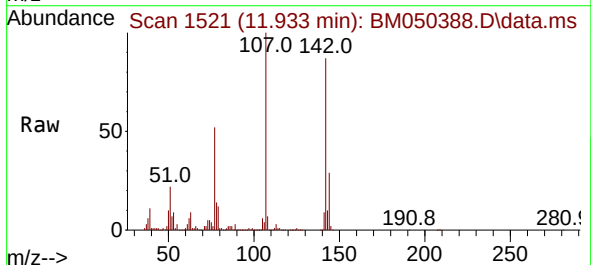
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

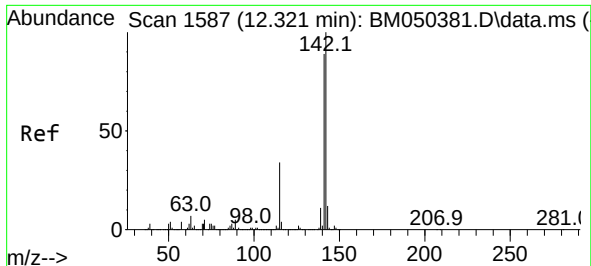
Tgt Ion:113 Resp: 286350  
 Ion Ratio Lower Upper  
 113 100  
 55 178.8 157.2 197.2  
 56 133.7 111.7 151.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.292 ng  
 RT: 11.933 min Scan# 1521  
 Delta R.T. 0.000 min  
 Lab File: BM050388.D  
 Acq: 10 Jul 2025 13:53

Tgt Ion:107 Resp: 990607  
 Ion Ratio Lower Upper  
 107 100  
 144 28.7 22.2 33.4  
 142 87.4 68.7 103.1





#37

2-Methylnaphthalene

Concen: 39.639 ng

RT: 12.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

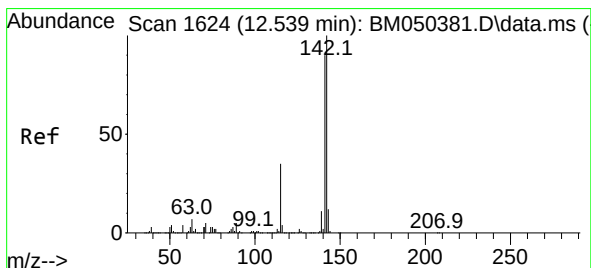
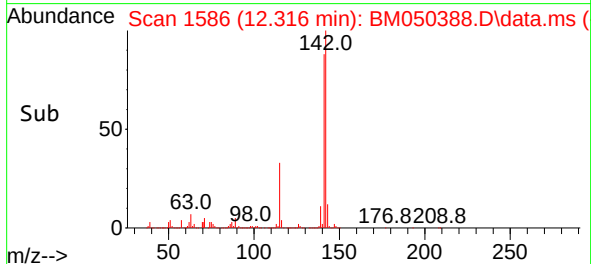
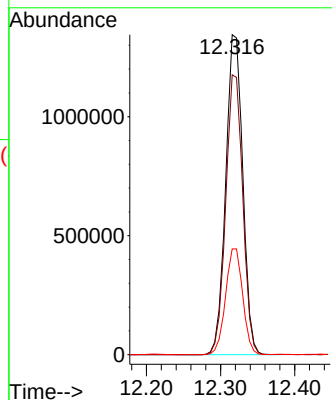
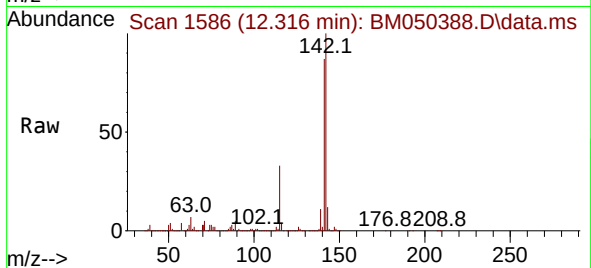
Tgt Ion:142 Resp: 2147668

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2

115 33.1 27.0 40.4



#38

1-Methylnaphthalene

Concen: 39.627 ng

RT: 12.539 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

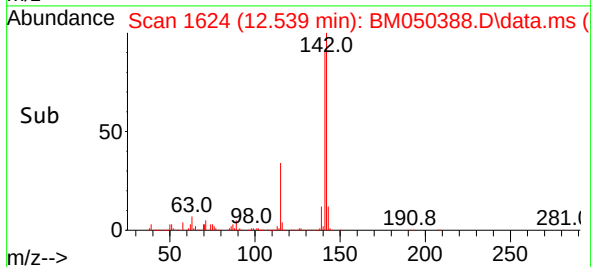
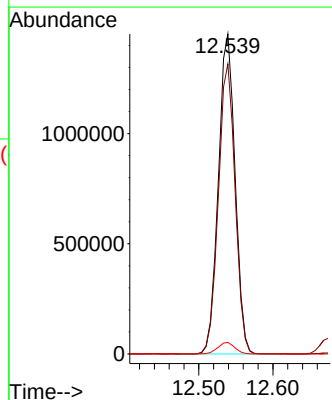
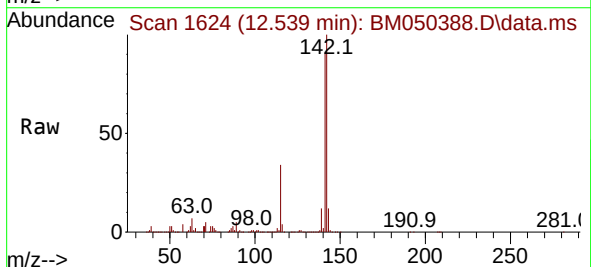
Tgt Ion:142 Resp: 2272208

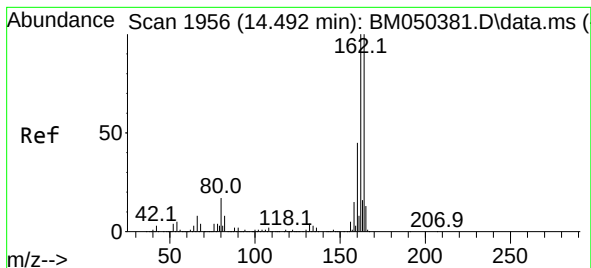
Ion Ratio Lower Upper

142 100

141 90.7 71.9 107.9

116 3.6 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: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

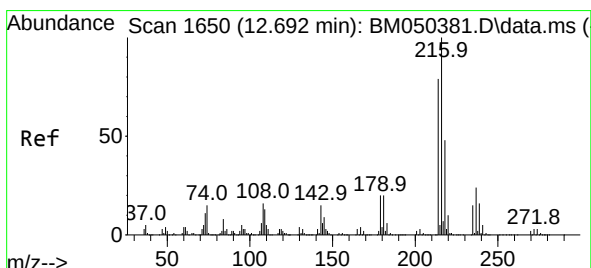
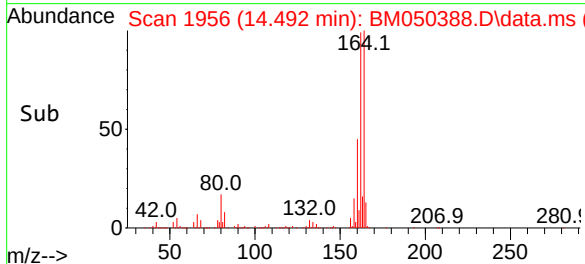
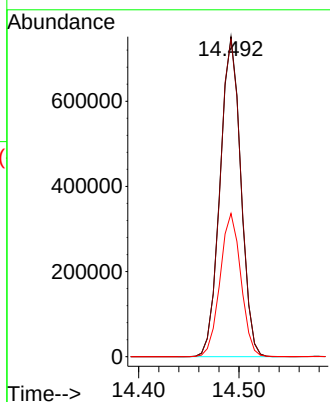
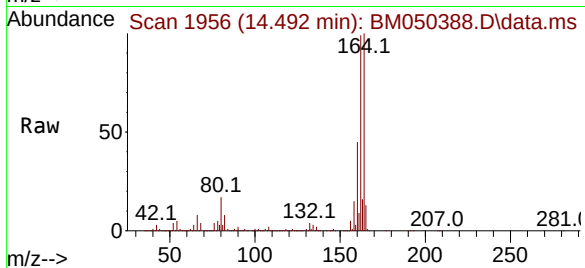
Tgt Ion:164 Resp: 1077979

Ion Ratio Lower Upper

164 100

162 99.2 79.9 119.9

160 44.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.148 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Tgt Ion:216 Resp: 1342030

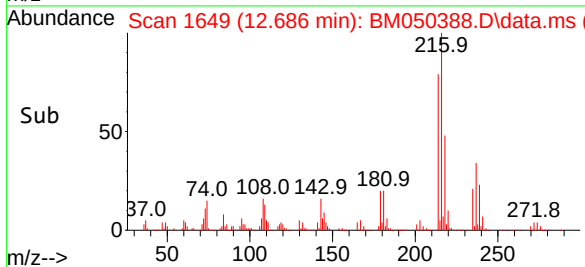
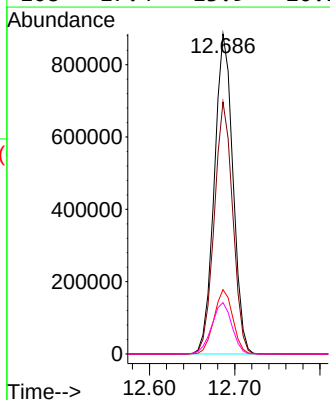
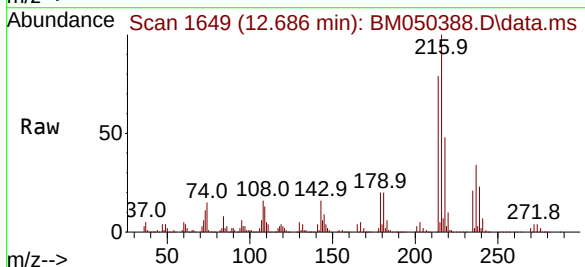
Ion Ratio Lower Upper

216 100

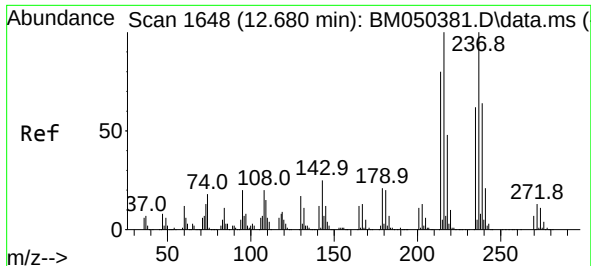
214 78.0 63.3 94.9

179 20.3 16.4 24.6

108 17.4 13.9 20.9

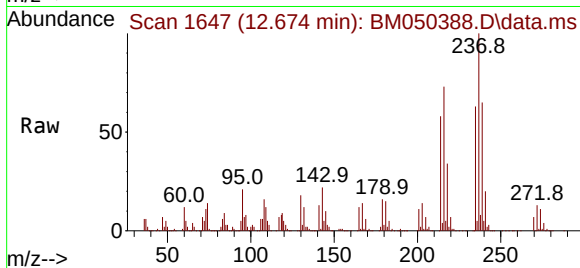




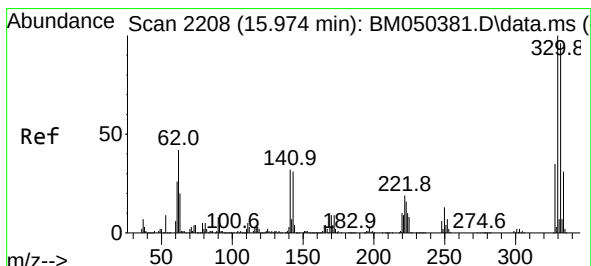
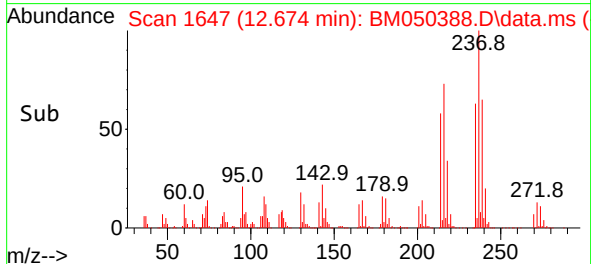
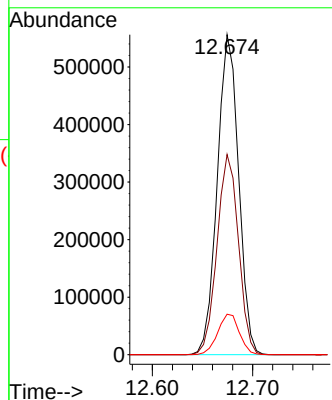


#41  
Hexachlorocyclopentadiene  
Concen: 37.405 ng  
RT: 12.674 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

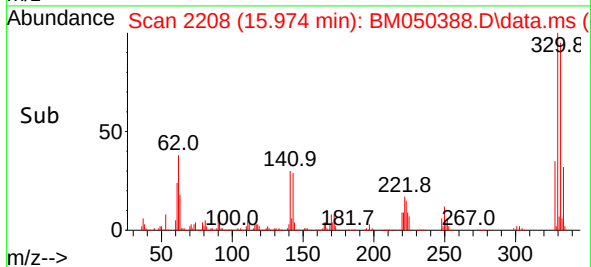
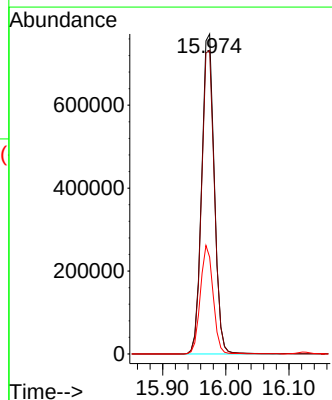
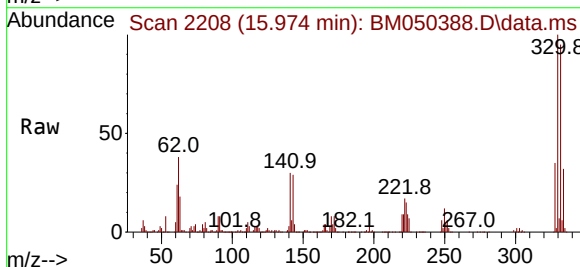


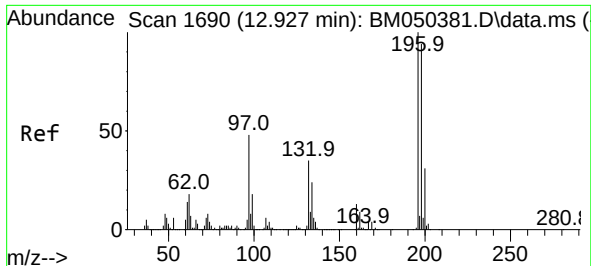
Tgt Ion:237 Resp: 819638  
Ion Ratio Lower Upper  
237 100  
235 62.5 42.3 82.3  
272 12.6 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 81.829 ng  
RT: 15.974 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:330 Resp: 1071758  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.9 115.3  
141 34.1 27.4 41.0

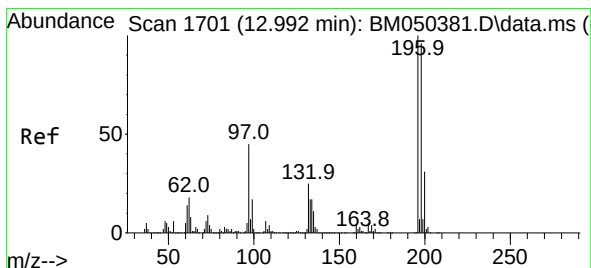
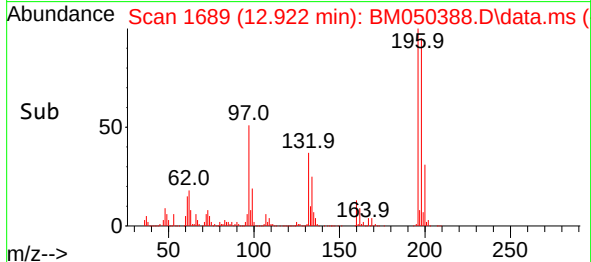
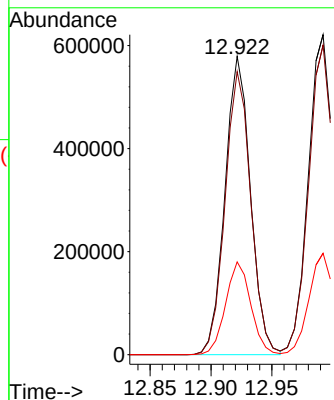
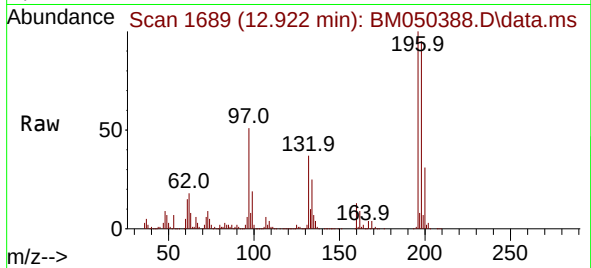




#43  
2,4,6-Trichlorophenol  
Concen: 40.113 ng  
RT: 12.922 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

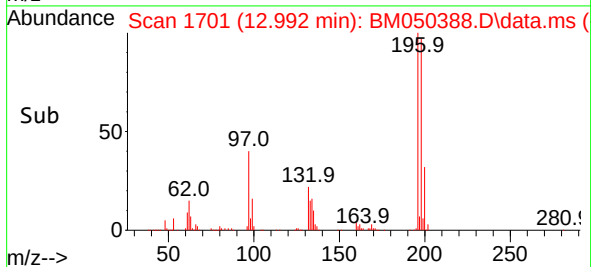
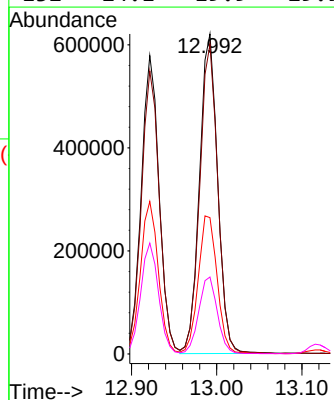
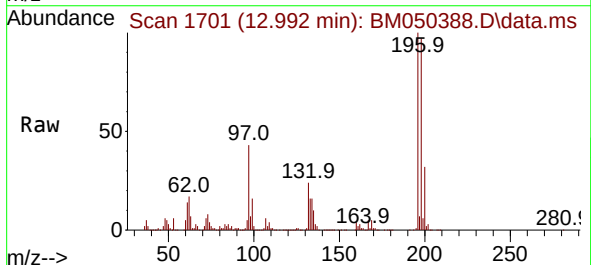
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

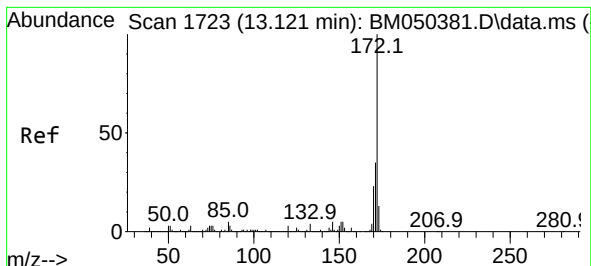
Tgt Ion:196 Resp: 846428  
Ion Ratio Lower Upper  
196 100  
198 94.9 75.1 112.7  
200 31.1 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 39.828 ng  
RT: 12.992 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:196 Resp: 917833  
Ion Ratio Lower Upper  
196 100  
198 96.8 77.2 115.8  
97 42.6 36.2 54.4  
132 24.1 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 78.998 ng

RT: 13.121 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

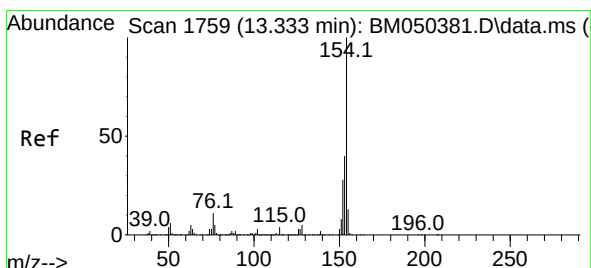
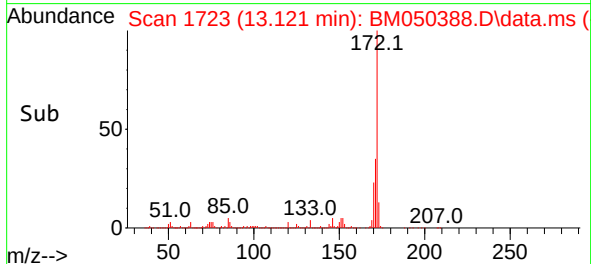
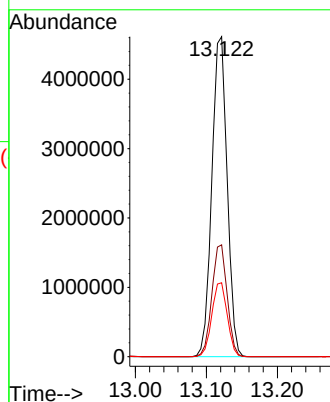
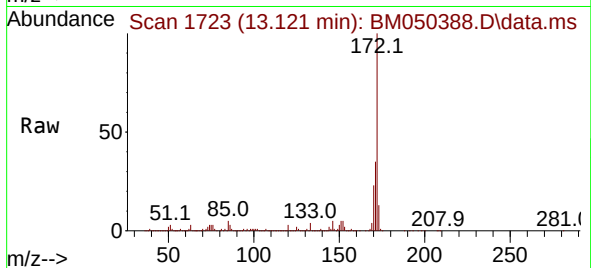
Tgt Ion:172 Resp: 6895749

Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.237 ng

RT: 13.327 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

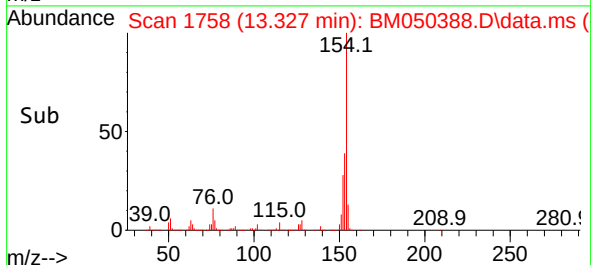
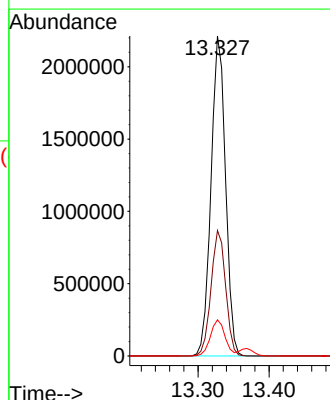
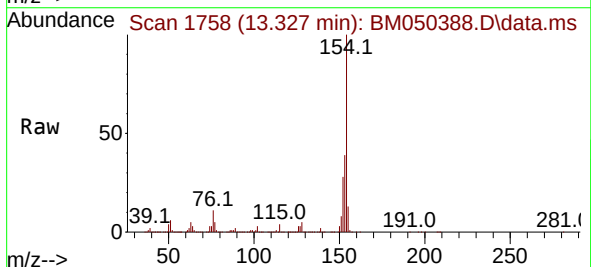
Tgt Ion:154 Resp: 3138094

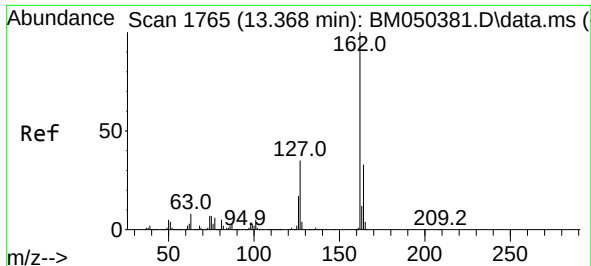
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 11.3 0.0 30.9

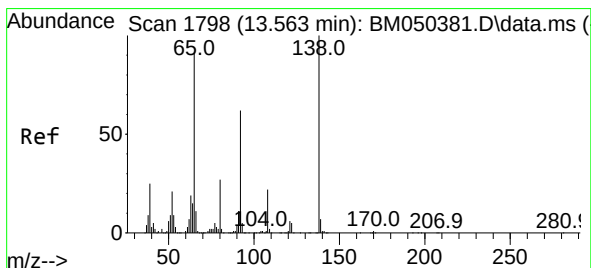
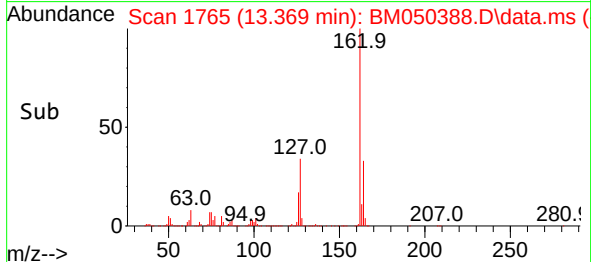
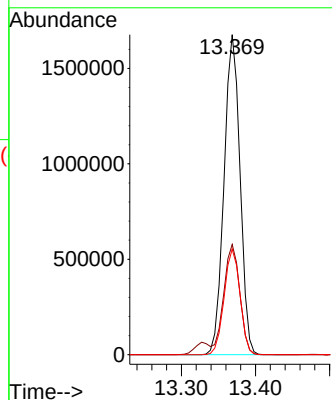
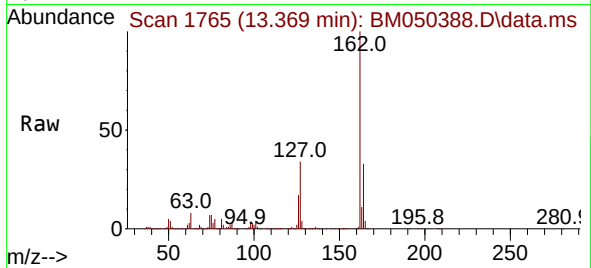




#47  
2-Chloronaphthalene  
Concen: 39.409 ng  
RT: 13.369 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

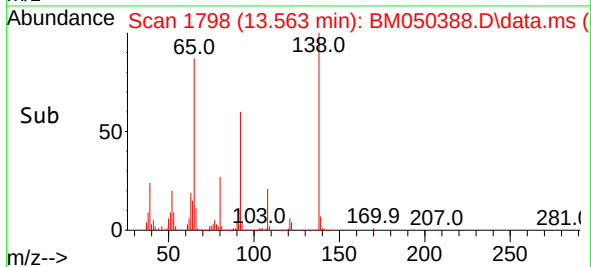
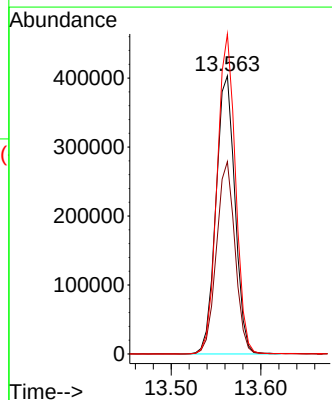
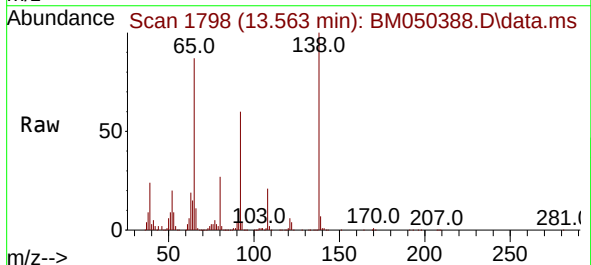
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

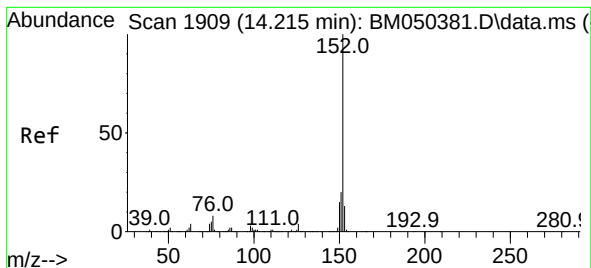
Tgt Ion:162 Resp: 2513031  
Ion Ratio Lower Upper  
162 100  
127 34.5 28.3 42.5  
164 33.0 26.6 40.0



#48  
2-Nitroaniline  
Concen: 41.634 ng  
RT: 13.563 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion: 65 Resp: 592609  
Ion Ratio Lower Upper  
65 100  
92 69.1 54.3 81.5  
138 115.1 87.8 131.6





#49

Acenaphthylene

Concen: 39.840 ng

RT: 14.216 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

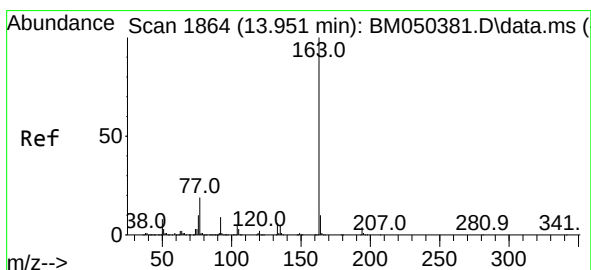
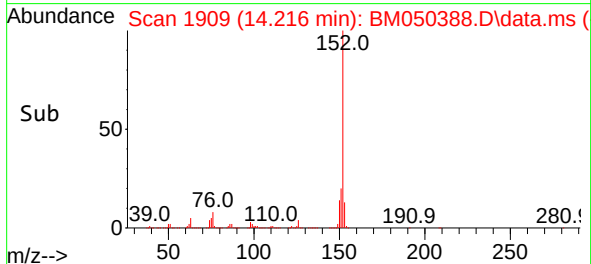
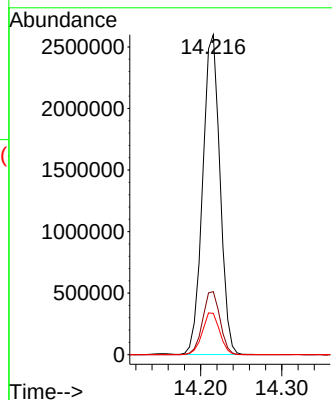
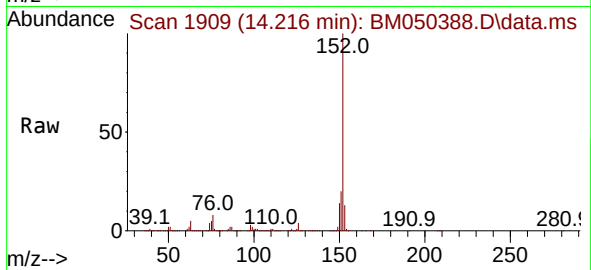
Tgt Ion:152 Resp: 3839412

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 39.292 ng

RT: 13.951 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

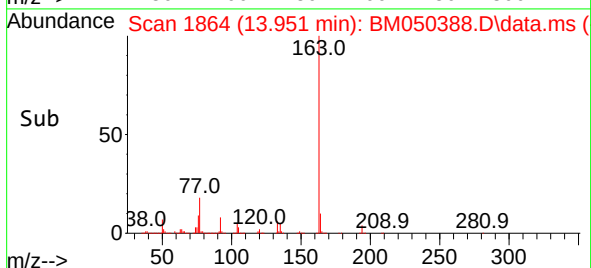
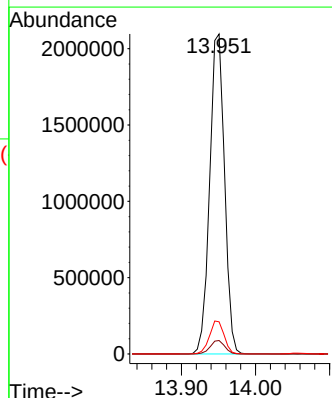
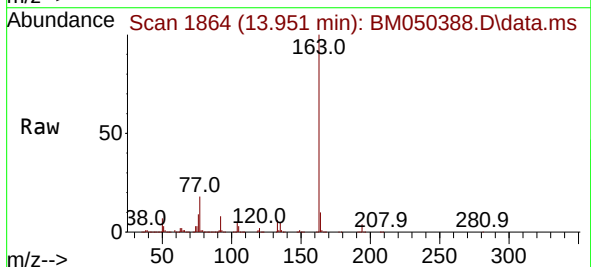
Tgt Ion:163 Resp: 2916065

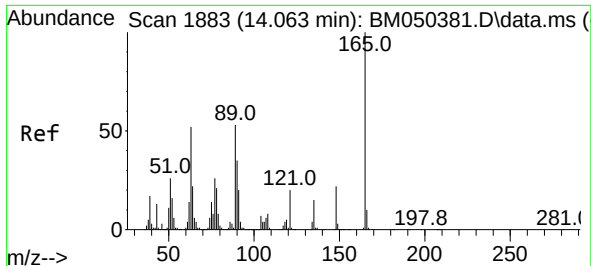
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.1 8.2 12.2

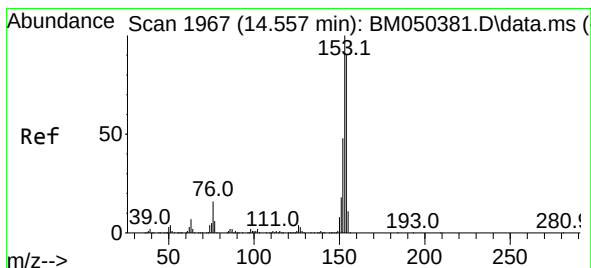
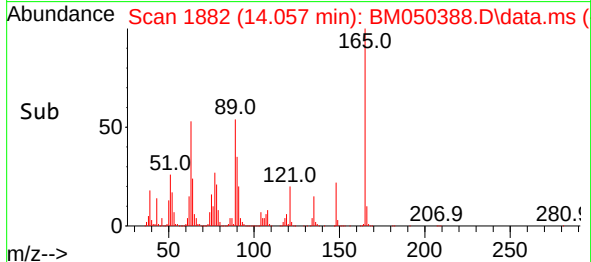
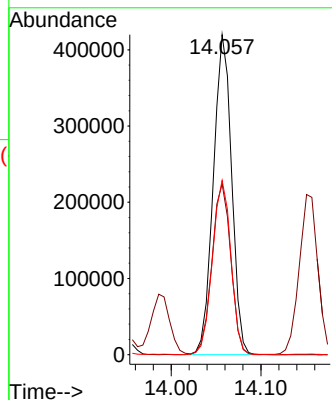
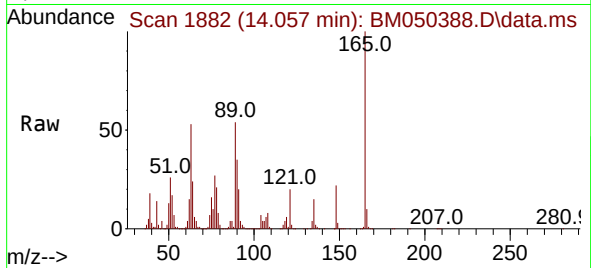




#51  
2,6-Dinitrotoluene  
Concen: 41.749 ng  
RT: 14.057 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

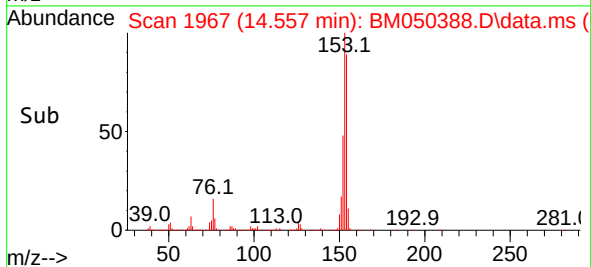
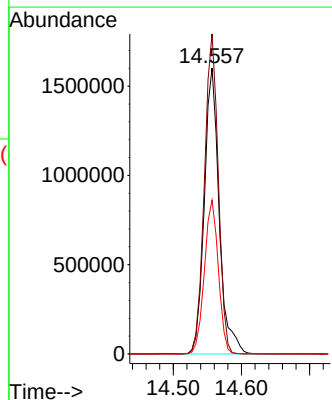
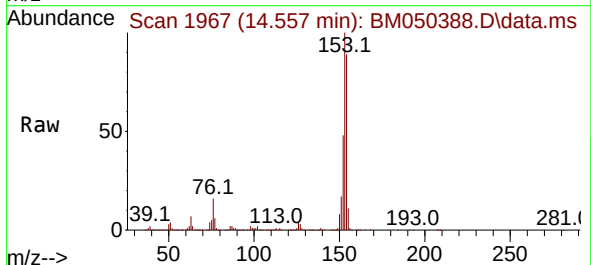
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

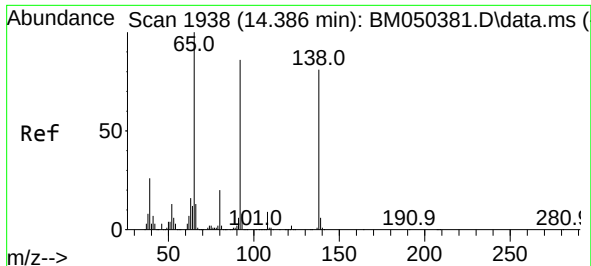
Tgt Ion:165 Resp: 594910  
Ion Ratio Lower Upper  
165 100  
63 53.4 42.4 63.6  
89 54.5 42.2 63.2



#52  
Acenaphthene  
Concen: 39.538 ng  
RT: 14.557 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:154 Resp: 2422434  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.2 133.8  
152 53.8 42.6 64.0

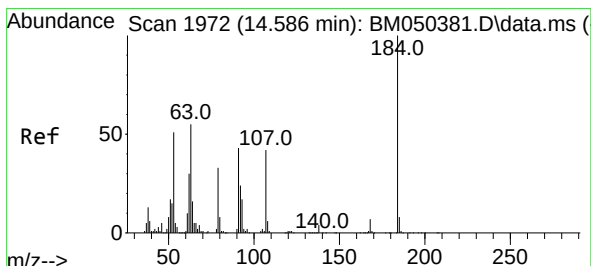
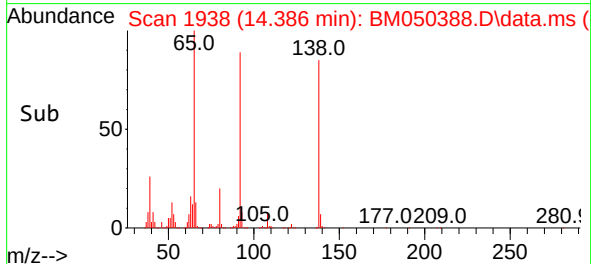
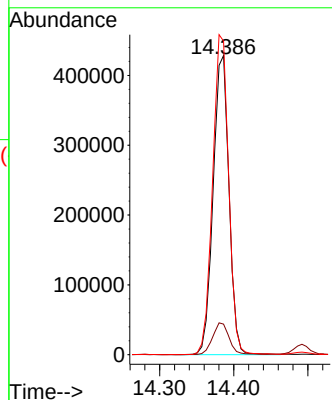
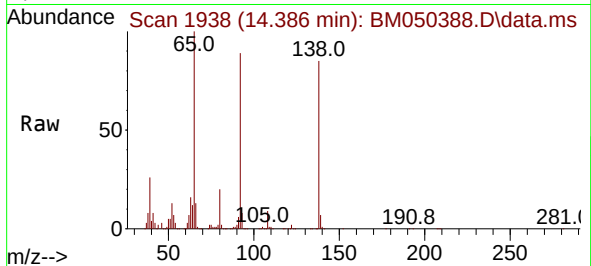




#53  
3-Nitroaniline  
Concen: 41.996 ng  
RT: 14.386 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

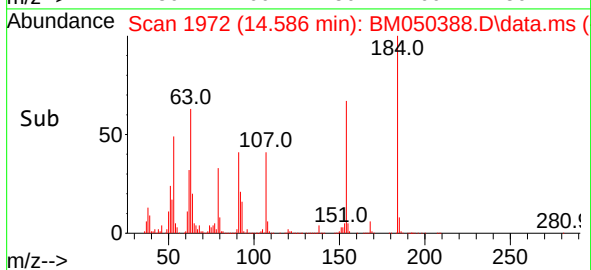
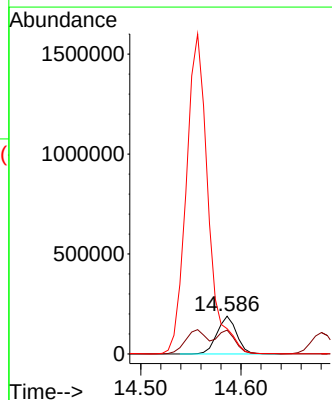
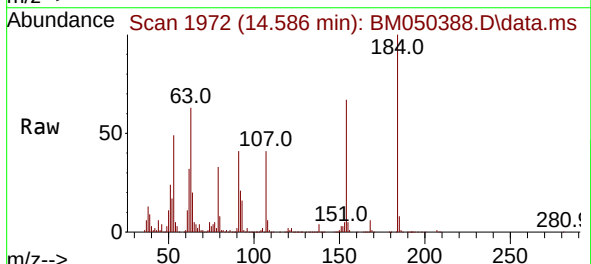
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

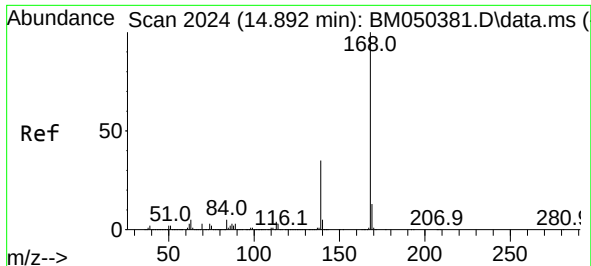
Tgt Ion:138 Resp: 636432  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.8 13.2  
92 104.8 85.0 127.6



#54  
2,4-Dinitrophenol  
Concen: 36.238 ng  
RT: 14.586 min Scan# 1972  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:184 Resp: 254984  
Ion Ratio Lower Upper  
184 100  
63 63.0 53.4 80.0  
154 66.8 61.6 92.4

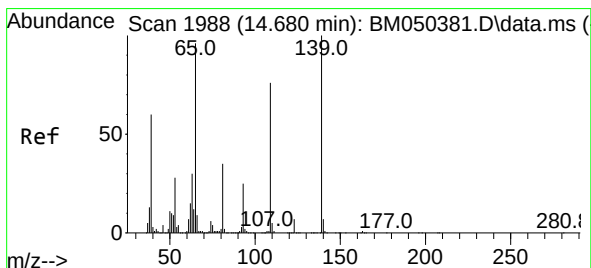
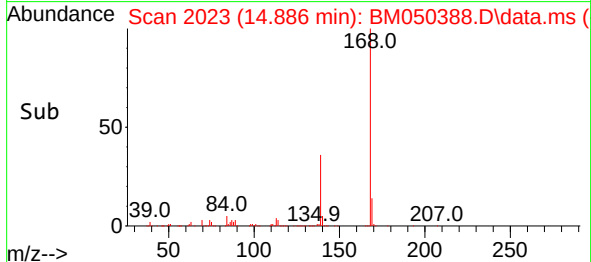
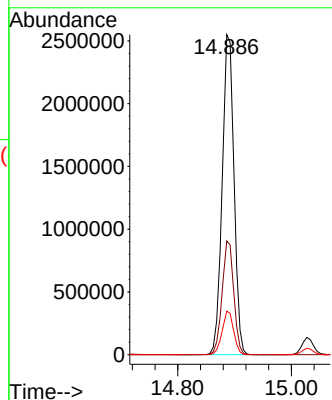
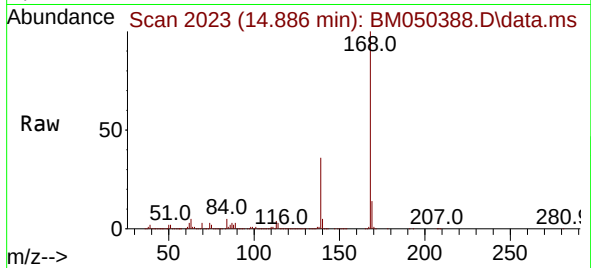




#55  
Dibenzofuran  
Concen: 39.075 ng  
RT: 14.886 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

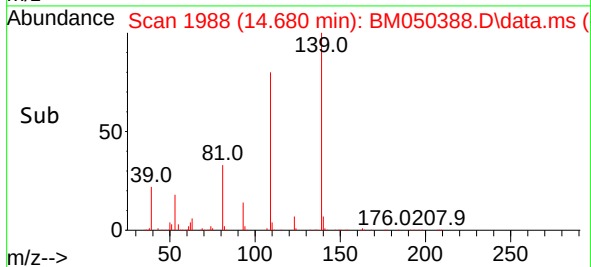
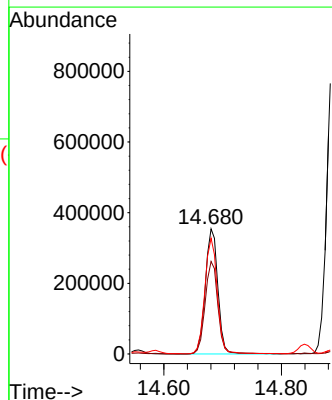
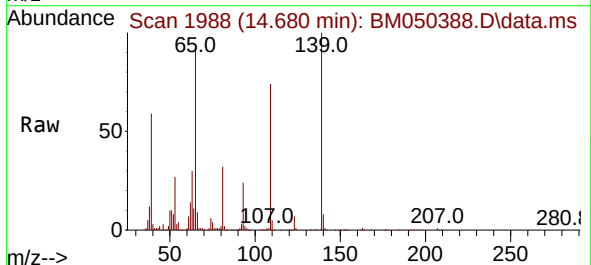
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:168 Resp: 3688817  
Ion Ratio Lower Upper  
168 100  
139 35.5 27.7 41.5  
169 13.6 10.7 16.1

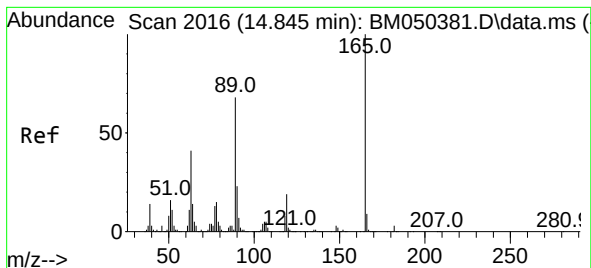


#56  
4-Nitrophenol  
Concen: 40.394 ng  
RT: 14.680 min Scan# 1988  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:139 Resp: 526425  
Ion Ratio Lower Upper  
139 100  
109 73.9 56.5 96.5  
65 92.4 76.4 116.4



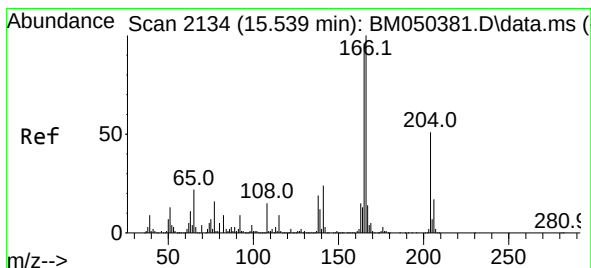
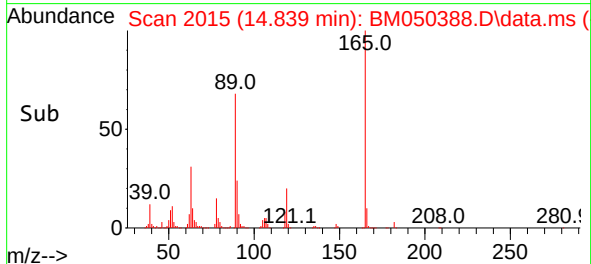
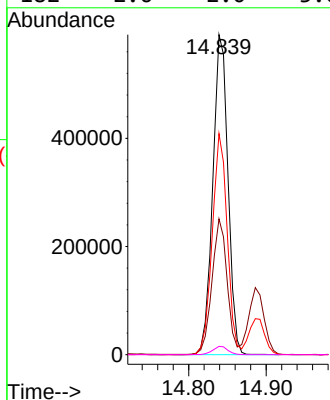
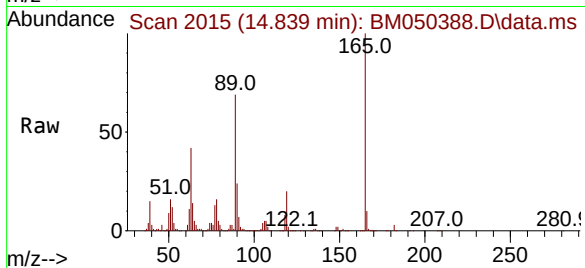




#57  
2,4-Dinitrotoluene  
Concen: 38.303 ng  
RT: 14.839 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

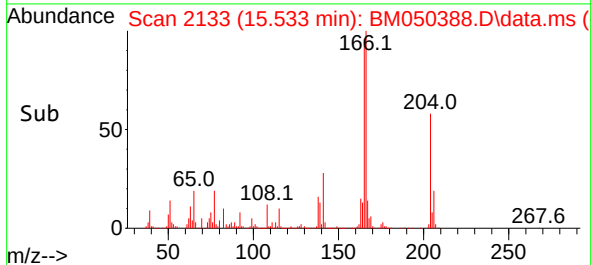
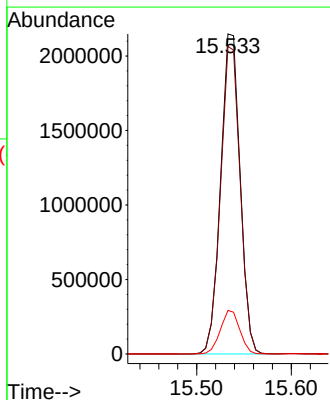
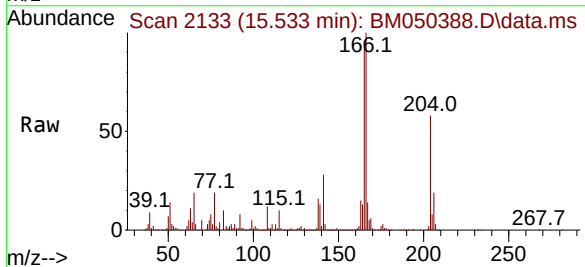
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

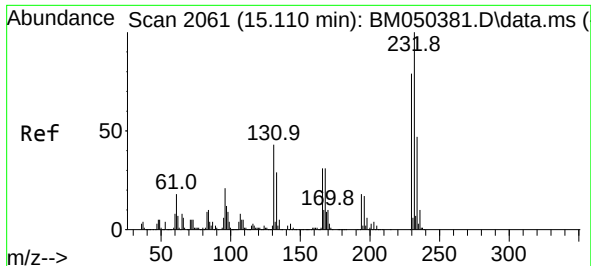
Tgt Ion:165 Resp: 804634  
Ion Ratio Lower Upper  
165 100  
63 42.4 32.5 48.7  
89 69.1 54.0 81.0  
182 2.6 2.0 3.0



#58  
Fluorene  
Concen: 39.604 ng  
RT: 15.533 min Scan# 2133  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:166 Resp: 3079505  
Ion Ratio Lower Upper  
166 100  
165 96.1 77.0 115.6  
167 13.6 10.9 16.3



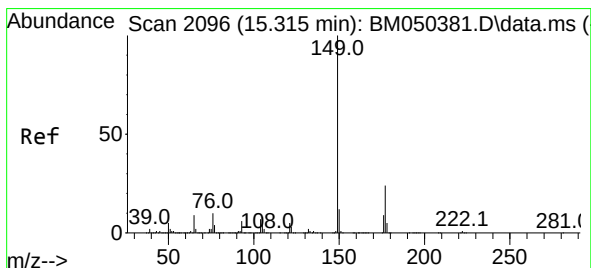
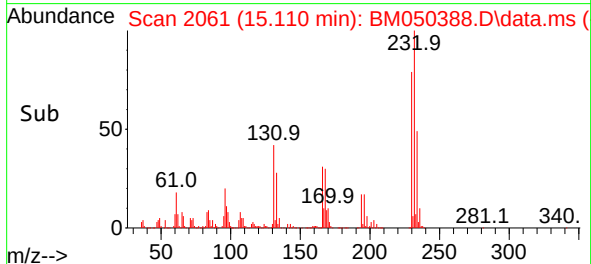
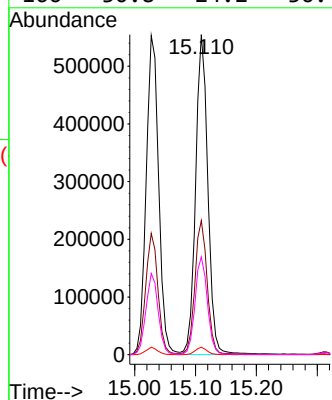
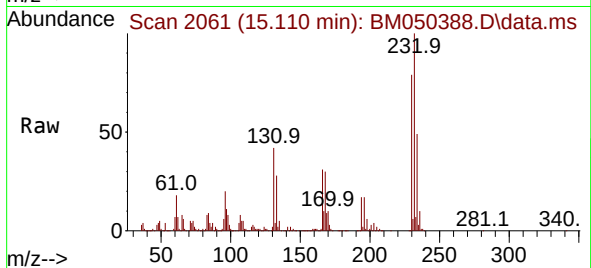


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.791 ng  
RT: 15.110 min Scan# 2061  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:232 Resp: 771927

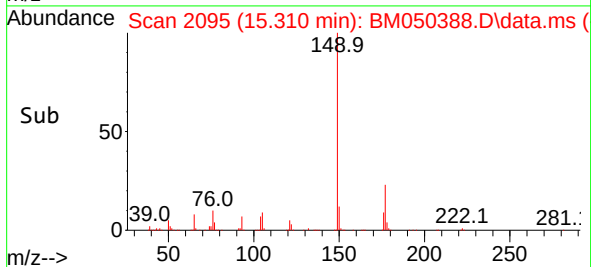
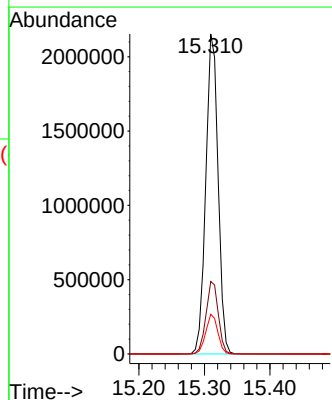
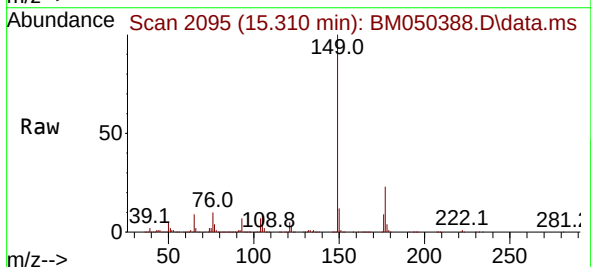
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 42.1  | 33.4  | 50.0  |
| 130 | 2.2   | 1.8   | 2.6   |
| 166 | 30.8  | 24.2  | 36.4  |

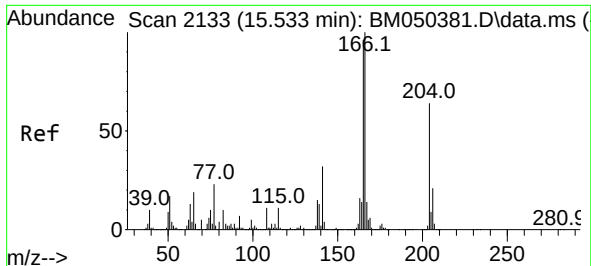


#60  
Diethylphthalate  
Concen: 39.637 ng  
RT: 15.310 min Scan# 2095  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 2810029

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.6  | 18.8  | 28.2  |
| 150 | 12.4  | 9.8   | 14.8  |

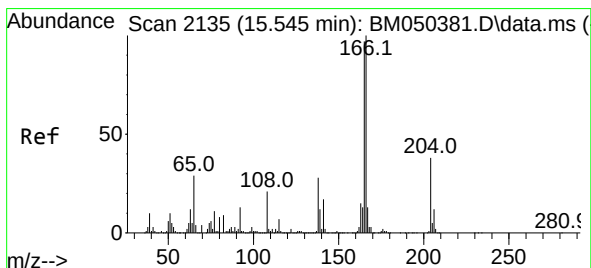
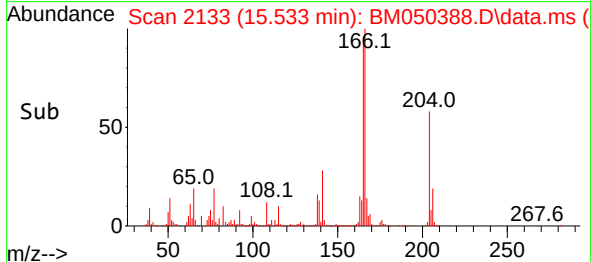
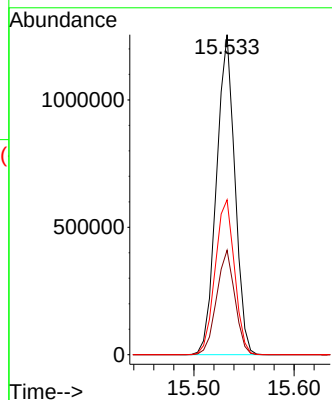
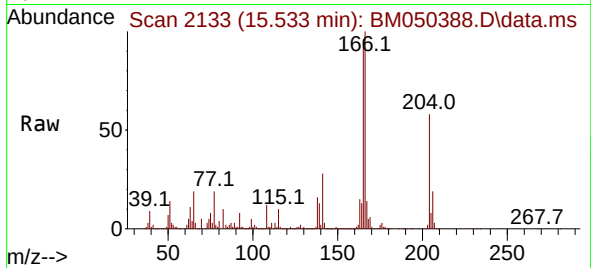




#61  
4-Chlorophenyl-phenylether  
Concen: 39.354 ng  
RT: 15.533 min Scan# 2133  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

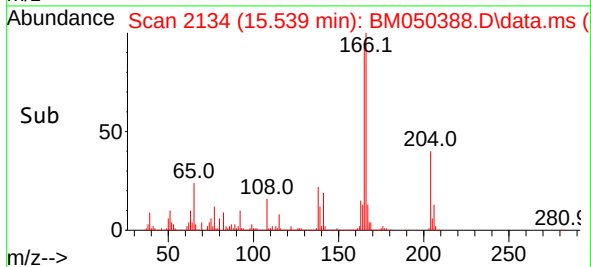
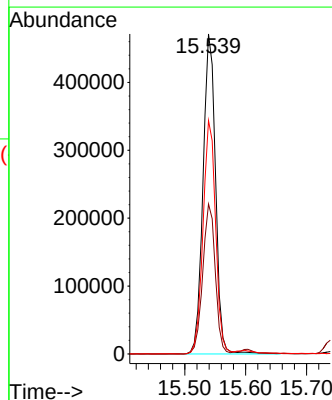
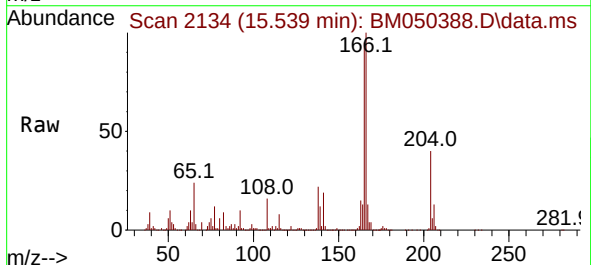
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

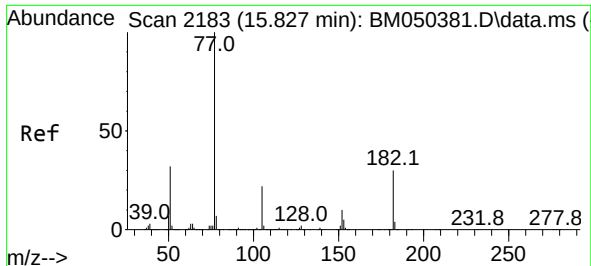
Tgt Ion:204 Resp: 1600094  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 39.8  
141 48.4 39.9 59.9



#62  
4-Nitroaniline  
Concen: 39.162 ng  
RT: 15.539 min Scan# 2134  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:138 Resp: 673524  
Ion Ratio Lower Upper  
138 100  
92 46.8 24.5 64.5  
108 73.0 52.5 92.5

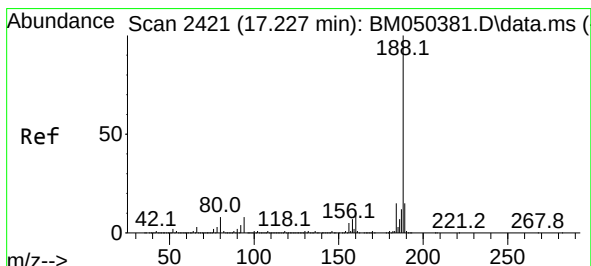
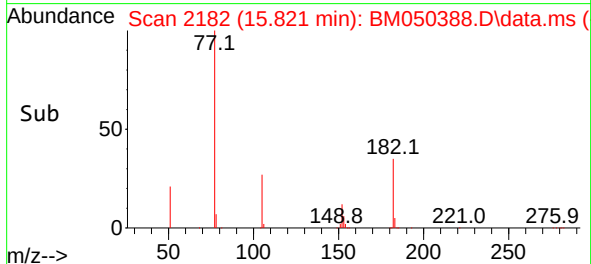
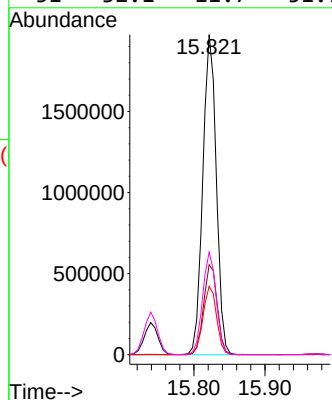
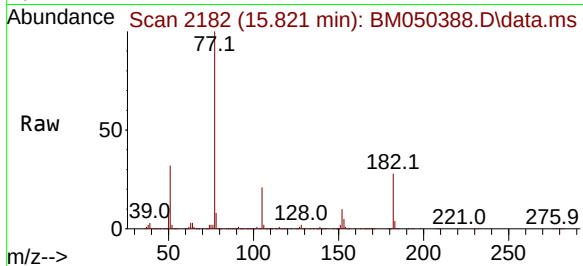




#63  
Azobenzene  
Concen: 40.064 ng  
RT: 15.821 min Scan# 2183  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

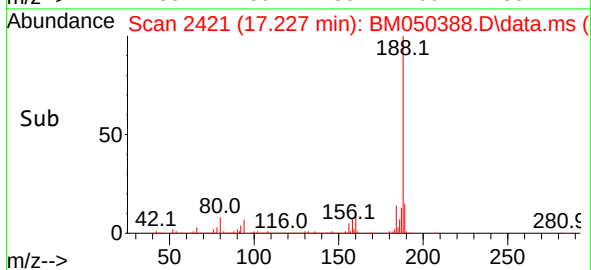
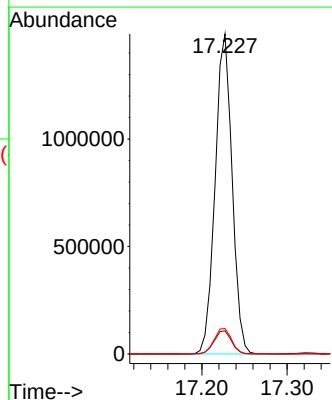
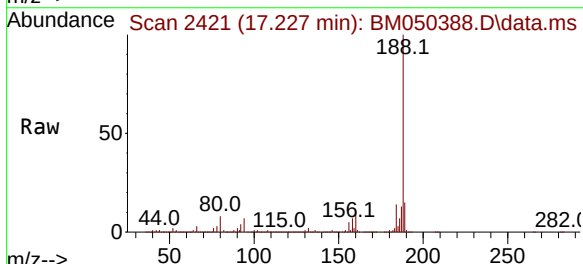
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

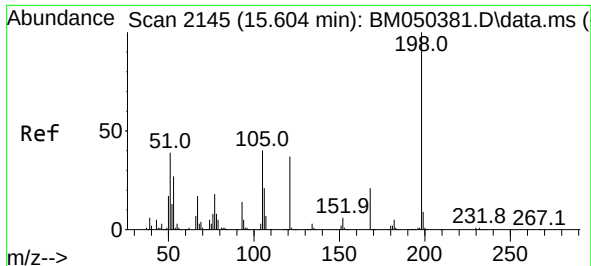
Tgt Ion: 77 Resp: 2608064  
Ion Ratio Lower Upper  
77 100  
182 28.1 10.0 50.0  
105 21.4 2.0 42.0  
51 32.1 11.7 51.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2421  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:188 Resp: 2057474  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.0 9.0  
80 8.0 6.5 9.7

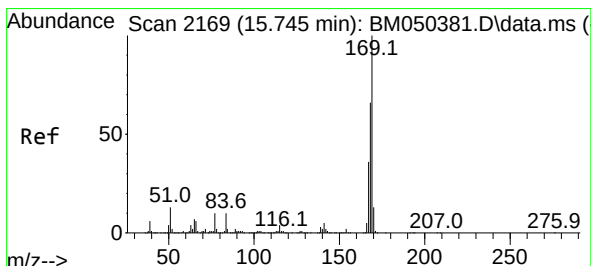
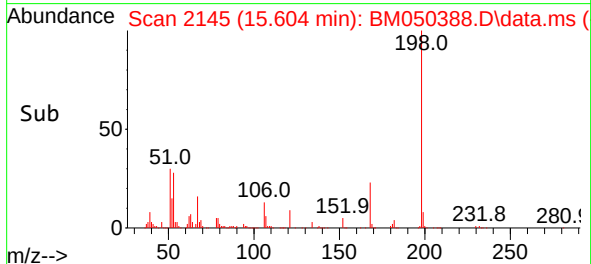
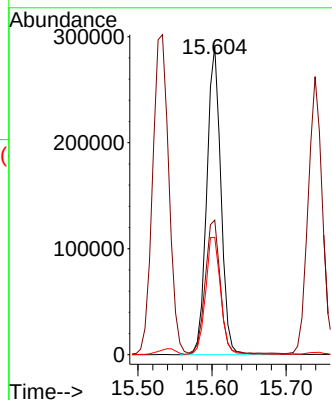
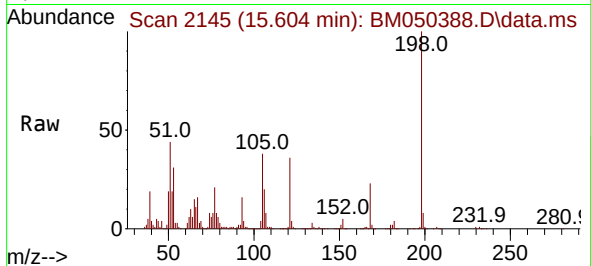




#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.542 ng  
RT: 15.604 min Scan# 2145  
Delta R.T. -0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

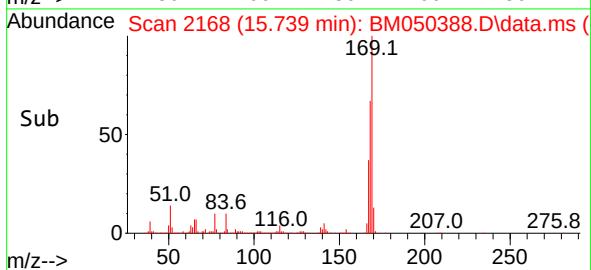
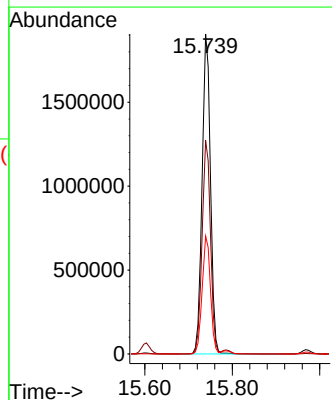
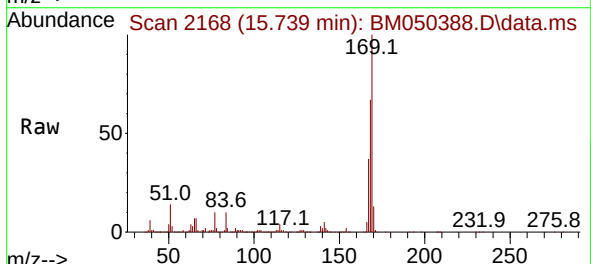
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

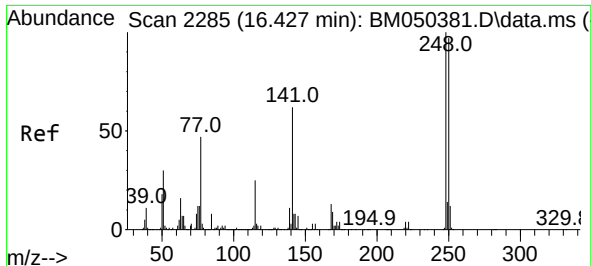
Tgt Ion:198 Resp: 385118  
Ion Ratio Lower Upper  
198 100  
51 43.7 26.6 66.6  
105 38.1 20.9 60.9



#66  
n-Nitrosodiphenylamine  
Concen: 39.468 ng  
RT: 15.739 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:169 Resp: 2541040  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.2 79.8  
167 36.9 28.7 43.1

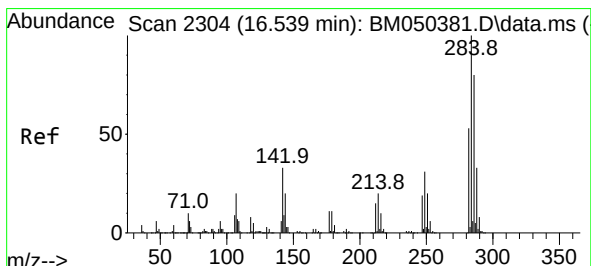
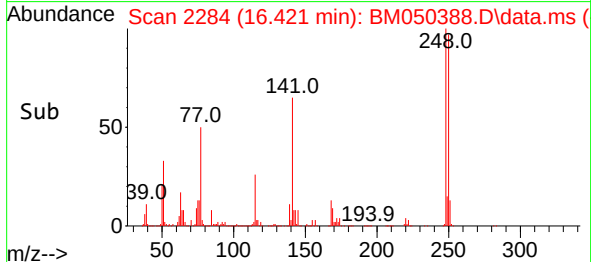
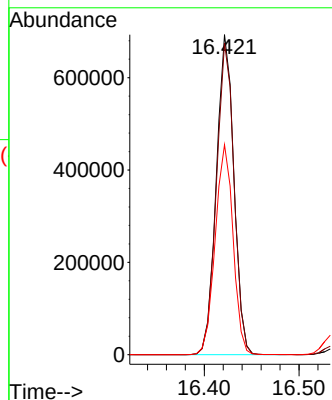
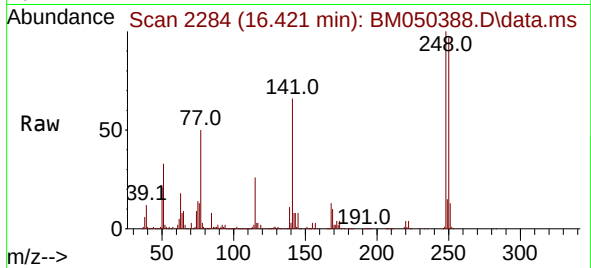




#67  
4-Bromophenyl-phenylether  
Concen: 39.453 ng  
RT: 16.421 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

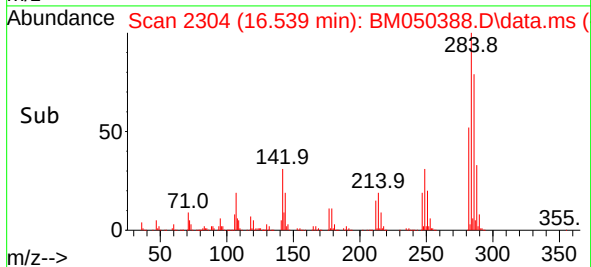
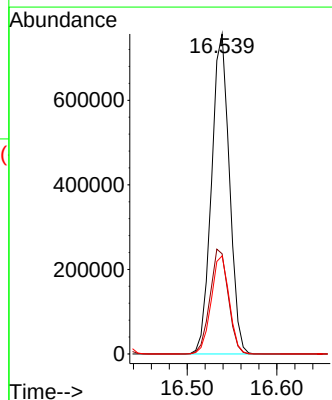
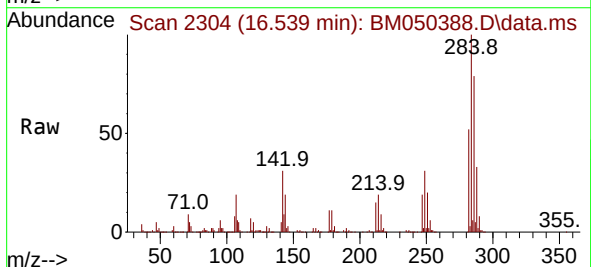
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

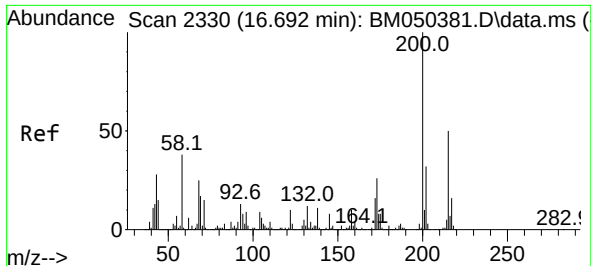
Tgt Ion:248 Resp: 894343  
Ion Ratio Lower Upper  
248 100  
250 97.4 77.9 116.9  
141 65.6 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 39.106 ng  
RT: 16.539 min Scan# 2304  
Delta R.T. 0.000 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:284 Resp: 1046999  
Ion Ratio Lower Upper  
284 100  
142 31.3 26.8 40.2  
249 30.6 24.5 36.7

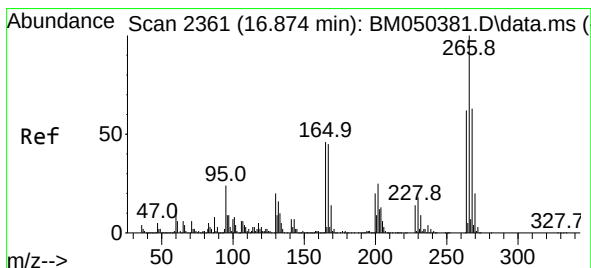
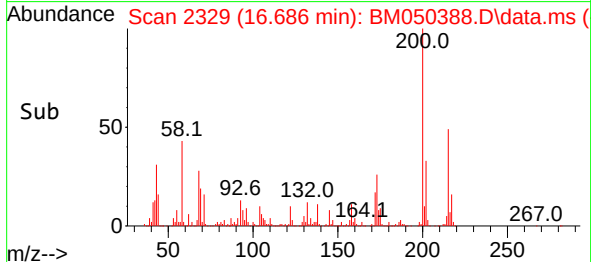
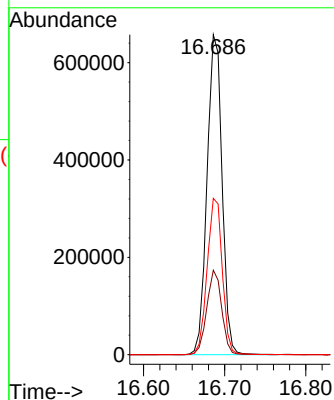
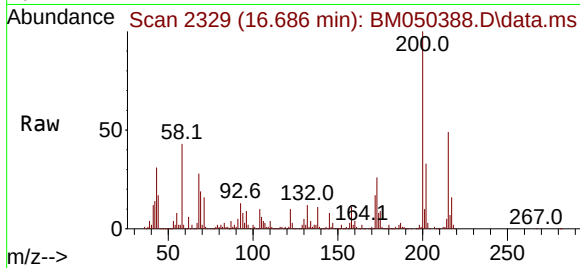




#69  
 Atrazine  
 Concen: 39.848 ng  
 RT: 16.686 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM050388.D  
 Acq: 10 Jul 2025 13:53

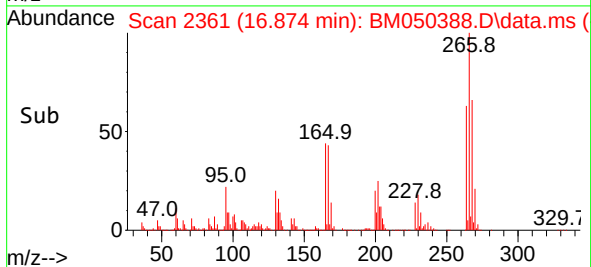
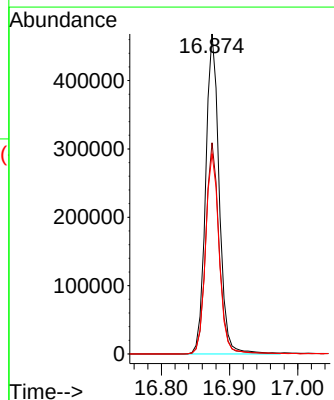
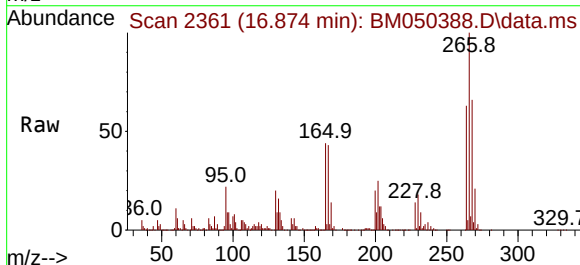
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

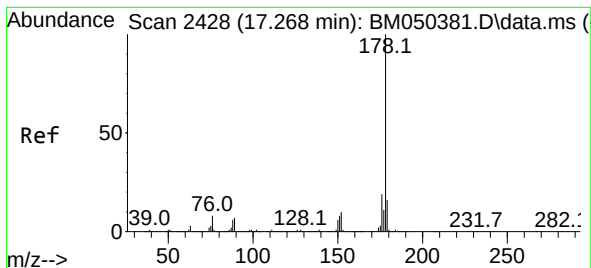
Tgt Ion:200 Resp: 842425  
 Ion Ratio Lower Upper  
 200 100  
 173 26.4 5.6 45.6  
 215 48.9 29.6 69.6



#70  
 Pentachlorophenol  
 Concen: 38.793 ng  
 RT: 16.874 min Scan# 2361  
 Delta R.T. 0.000 min  
 Lab File: BM050388.D  
 Acq: 10 Jul 2025 13:53

Tgt Ion:266 Resp: 646550  
 Ion Ratio Lower Upper  
 266 100  
 268 66.0 50.5 75.7  
 264 62.6 49.9 74.9





#71

Phenanthrene

Concen: 38.724 ng

RT: 17.268 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

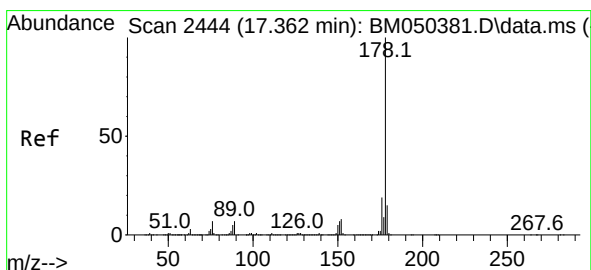
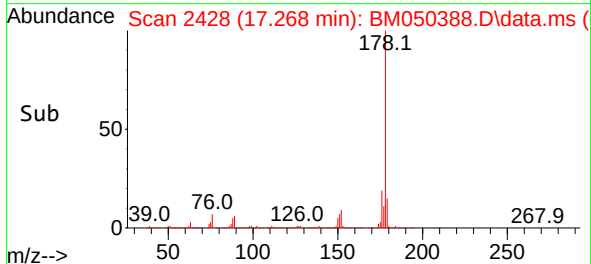
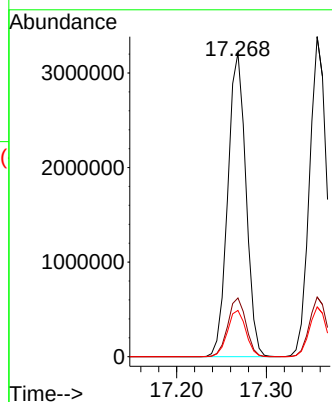
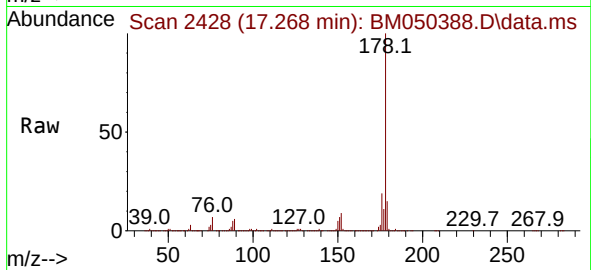
Tgt Ion:178 Resp: 4508419

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.2 12.5 18.7



#72

Anthracene

Concen: 39.496 ng

RT: 17.357 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

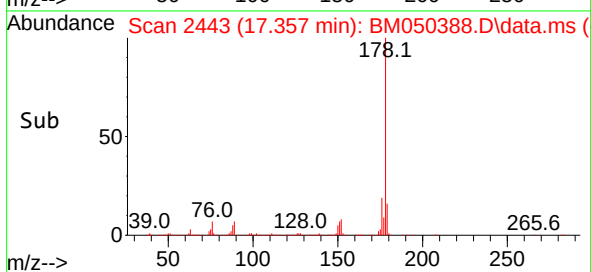
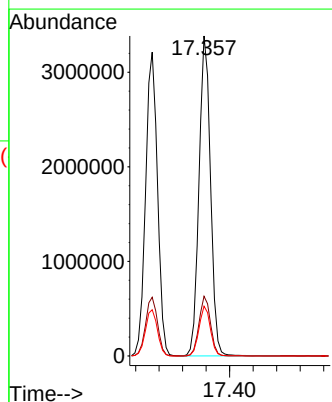
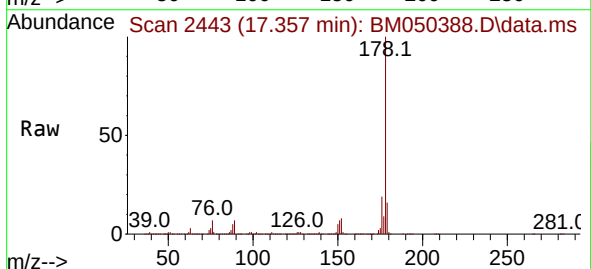
Tgt Ion:178 Resp: 4577103

Ion Ratio Lower Upper

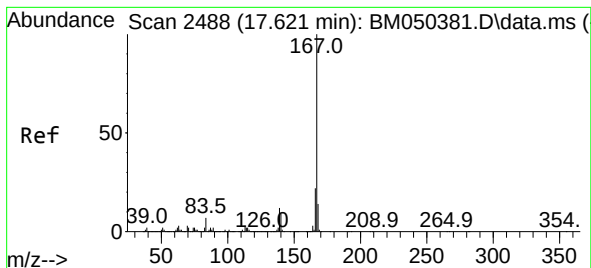
178 100

176 18.6 14.9 22.3

179 15.6 12.2 18.4







#73

Carbazole

Concen: 39.352 ng

RT: 17.621 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

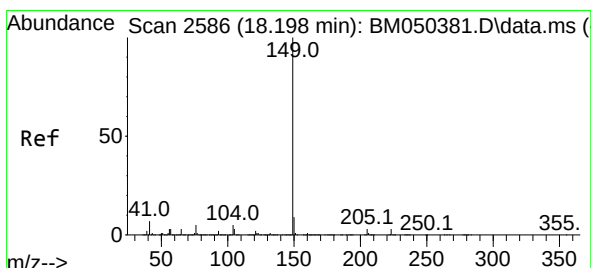
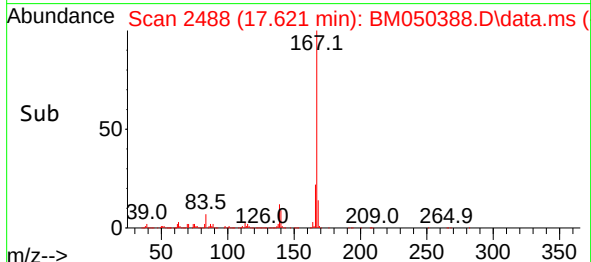
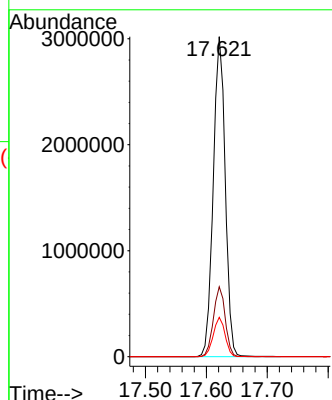
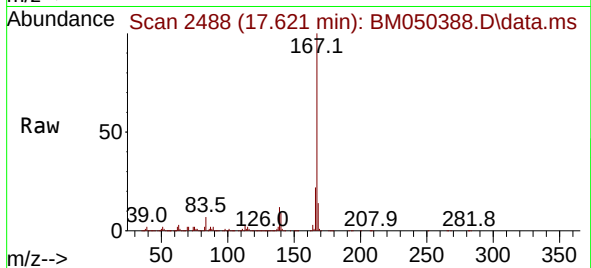
Tgt Ion:167 Resp: 4126339

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 12.3 9.9 14.9



#74

Di-n-butylphthalate

Concen: 39.969 ng

RT: 18.192 min Scan# 2585

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

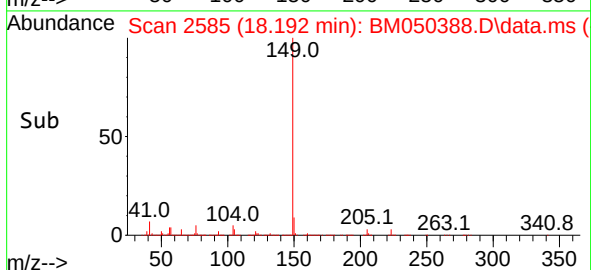
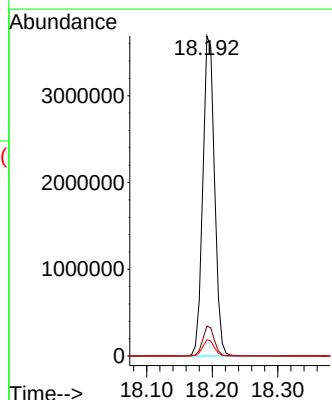
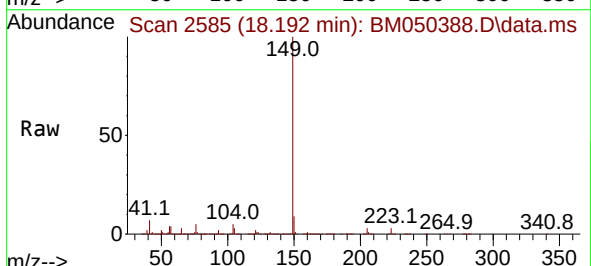
Tgt Ion:149 Resp: 4587331

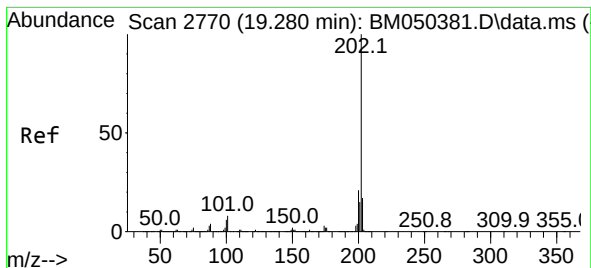
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 39.575 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

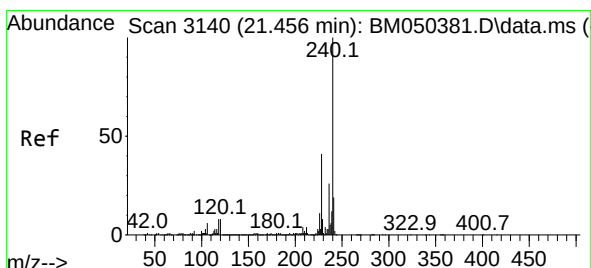
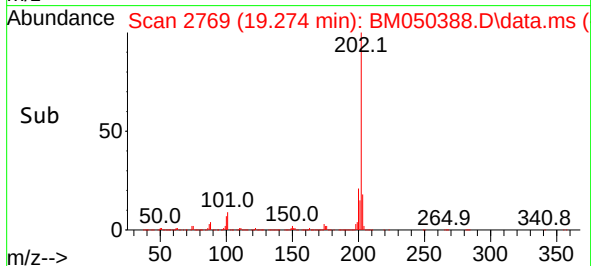
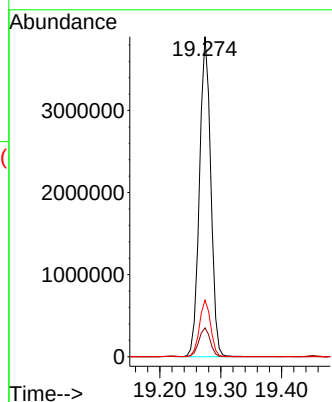
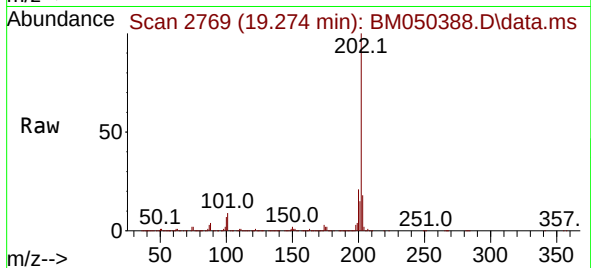
Tgt Ion:202 Resp: 5008839

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.3

203 17.7 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: BM050388.D

Acq: 10 Jul 2025 13:53

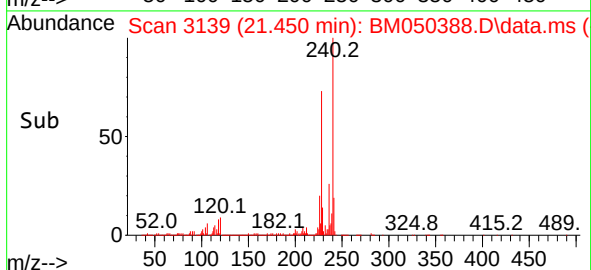
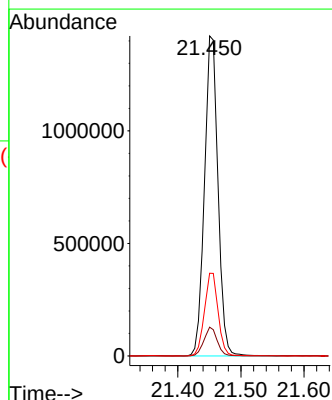
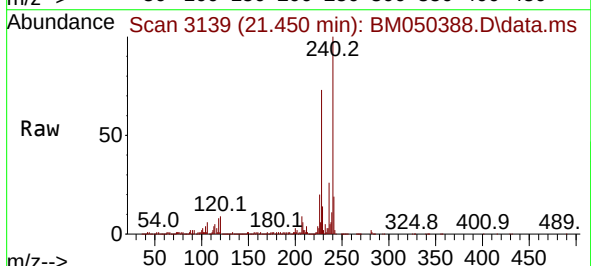
Tgt Ion:240 Resp: 2112610

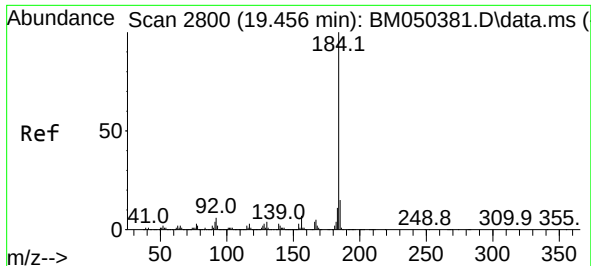
Ion Ratio Lower Upper

240 100

120 9.0 6.7 10.1

236 25.8 20.7 31.1

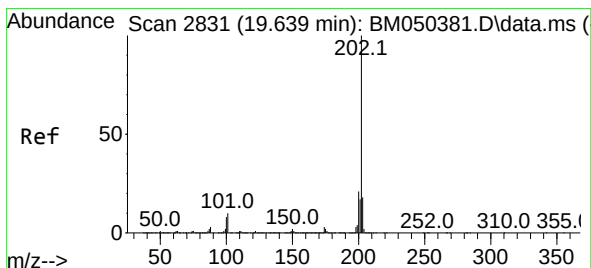
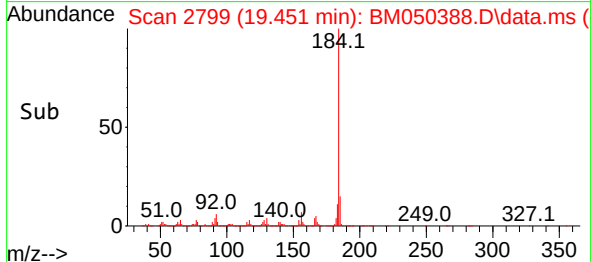
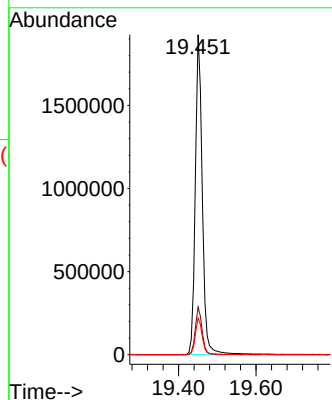
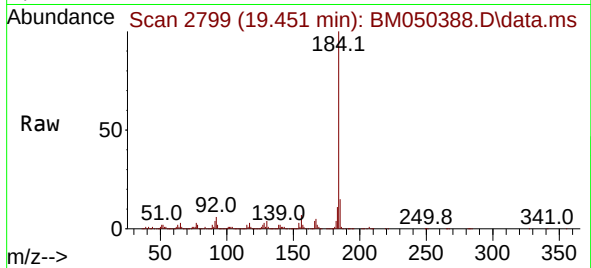




#77  
Benzidine  
Concen: 45.105 ng  
RT: 19.451 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

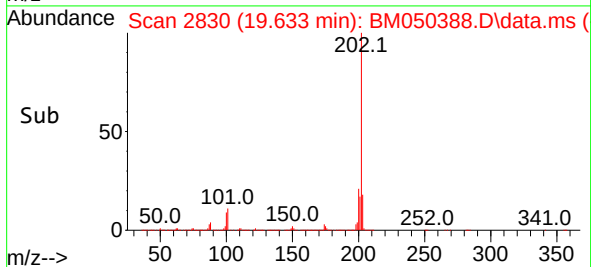
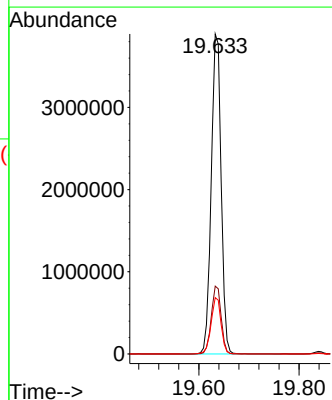
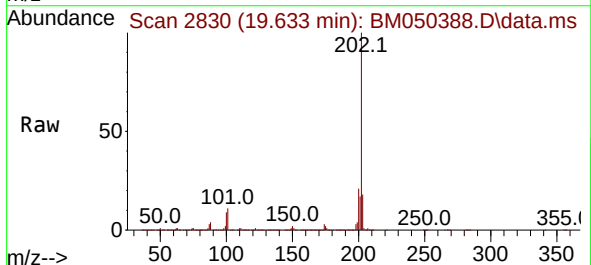
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

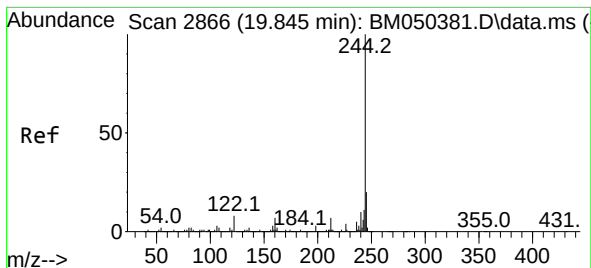
Tgt Ion:184 Resp: 2430477  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.7 17.5  
183 11.5 9.0 13.6



#78  
Pyrene  
Concen: 39.401 ng  
RT: 19.633 min Scan# 2830  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:202 Resp: 5331086  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.9 25.3  
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 85.871 ng

RT: 19.839 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

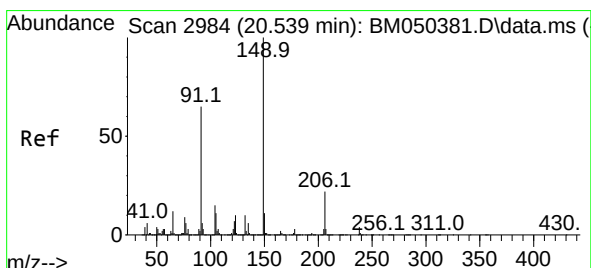
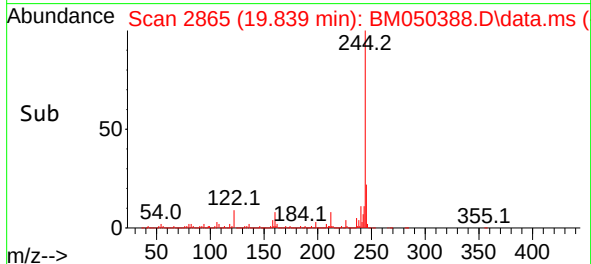
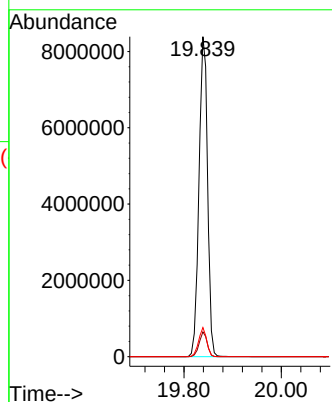
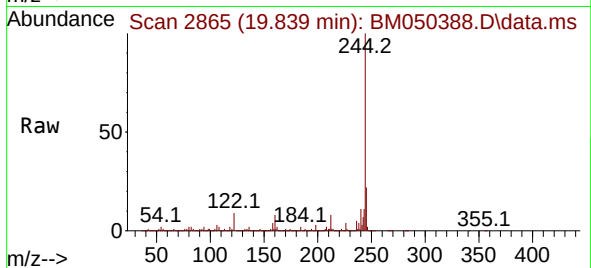
Tgt Ion:244 Resp:10310723

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 9.1 6.2 9.2



#80

Butylbenzylphthalate

Concen: 41.359 ng

RT: 20.533 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

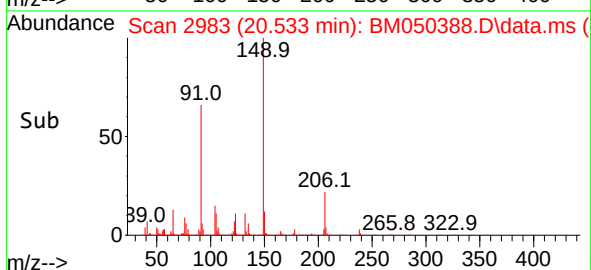
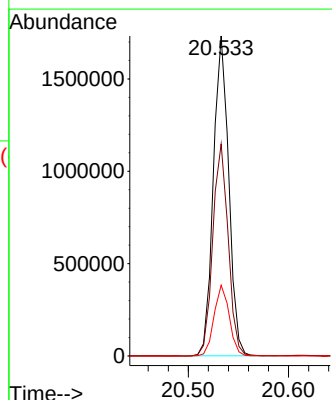
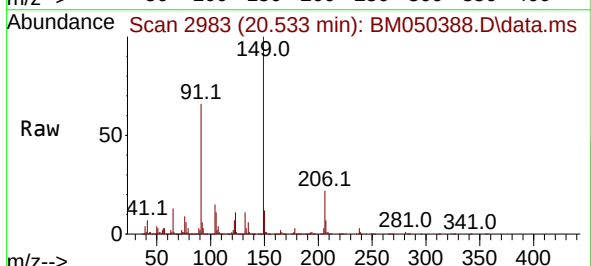
Tgt Ion:149 Resp: 1845186

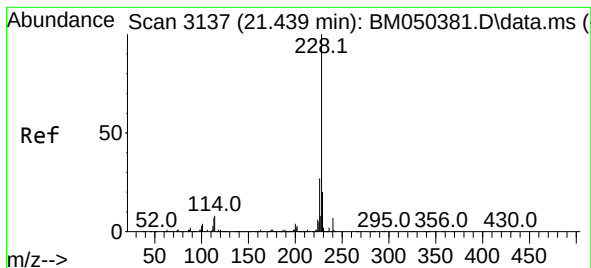
Ion Ratio Lower Upper

149 100

91 66.3 51.6 77.4

206 22.1 17.8 26.8





#81

Benzo(a)anthracene

Concen: 39.664 ng

RT: 21.433 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

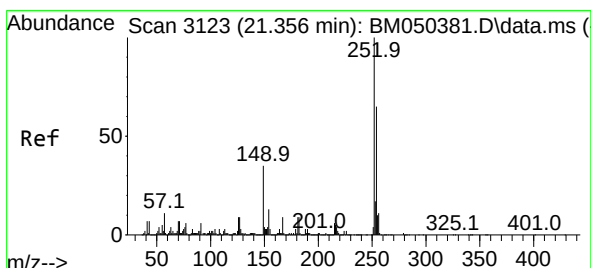
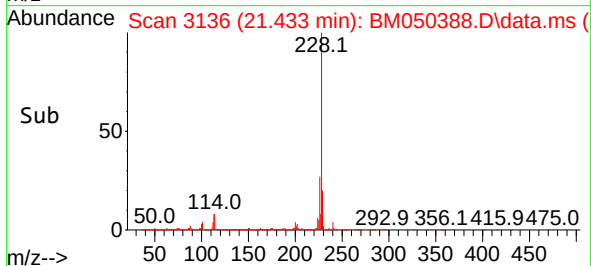
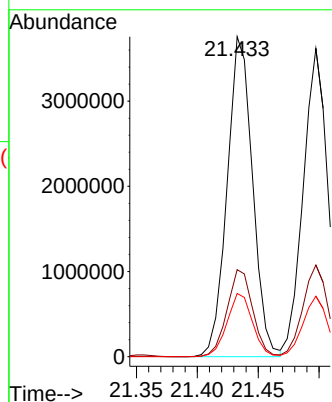
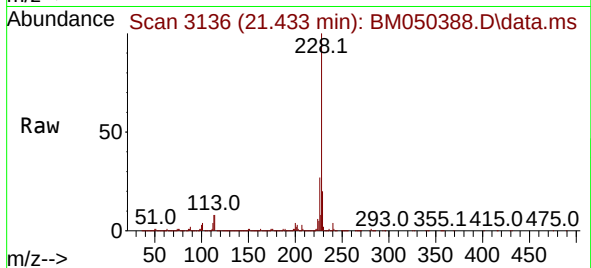
Tgt Ion:228 Resp: 5459861

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 38.415 ng

RT: 21.356 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

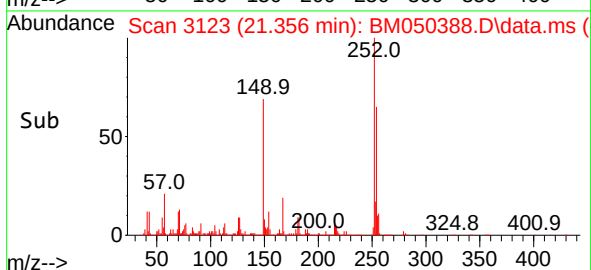
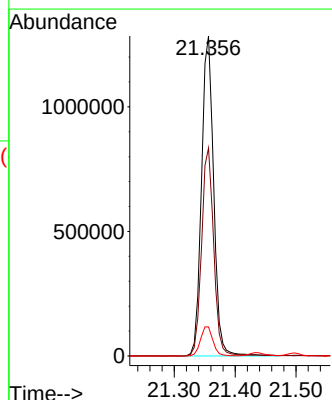
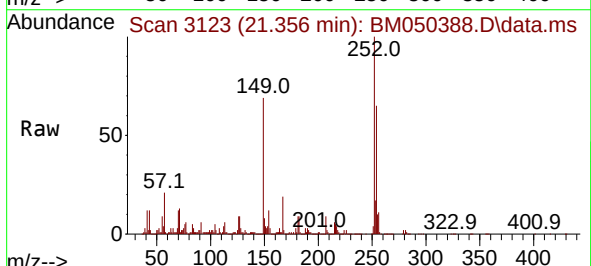
Tgt Ion:252 Resp: 1783244

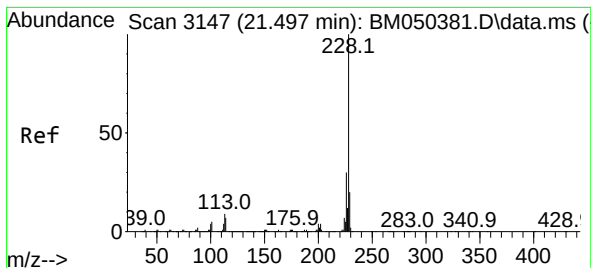
Ion Ratio Lower Upper

252 100

254 65.0 51.7 77.5

126 9.0 7.3 10.9





#83

Chrysene

Concen: 39.245 ng

RT: 21.497 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

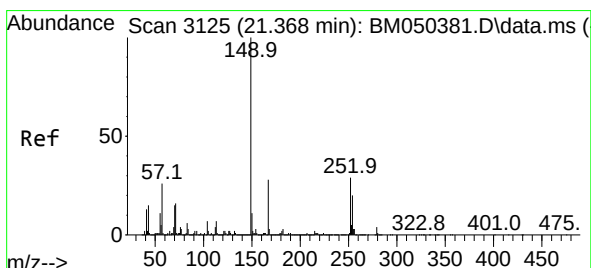
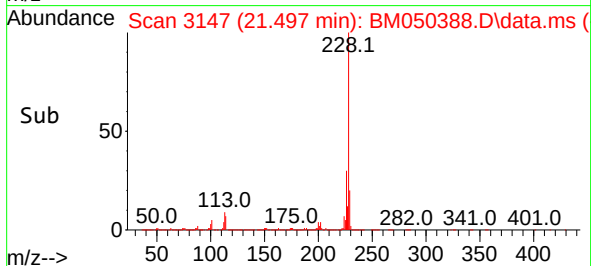
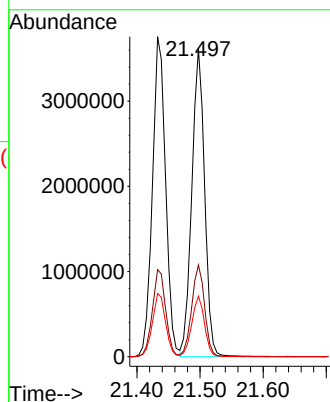
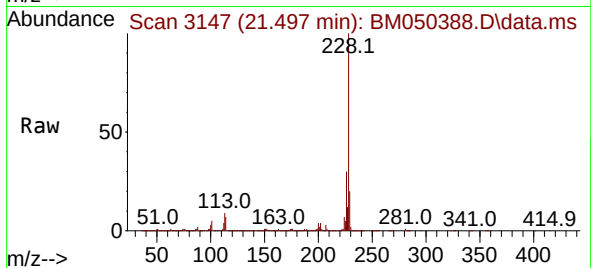
Tgt Ion:228 Resp: 5095338

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.765 ng

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

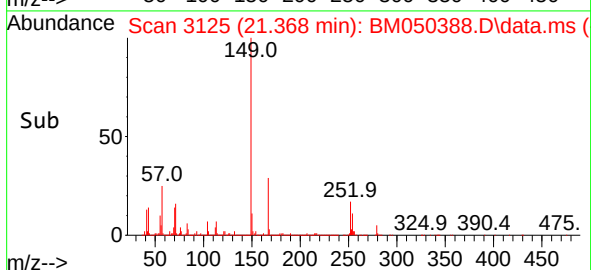
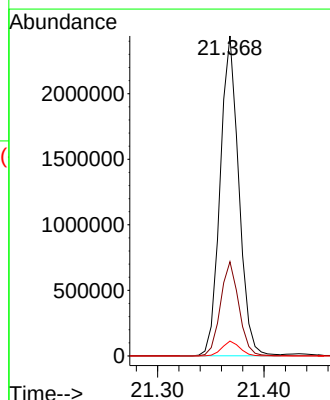
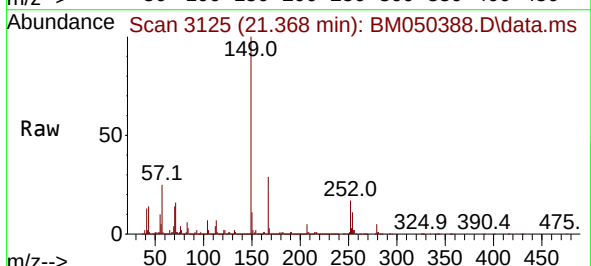
Tgt Ion:149 Resp: 2957902

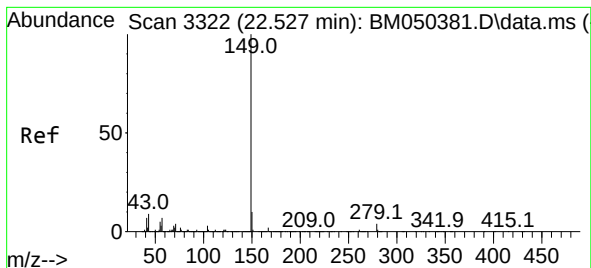
Ion Ratio Lower Upper

149 100

167 29.4 22.7 34.1

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 40.722 ng

RT: 22.521 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

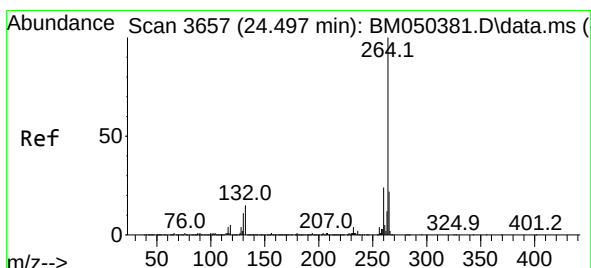
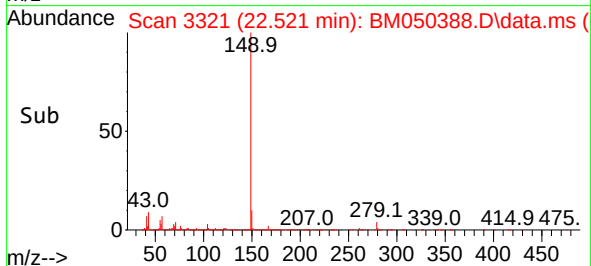
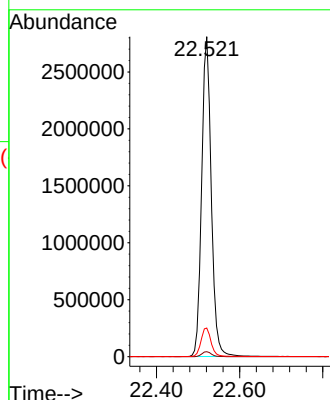
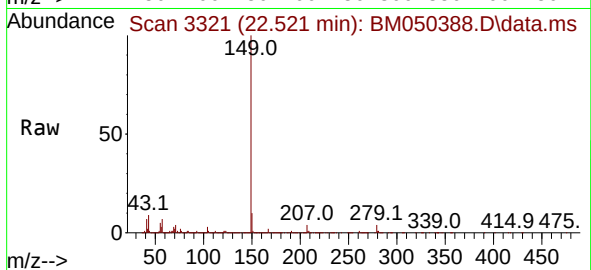
Tgt Ion:149 Resp: 4516993

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 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: BM050388.D

Acq: 10 Jul 2025 13:53

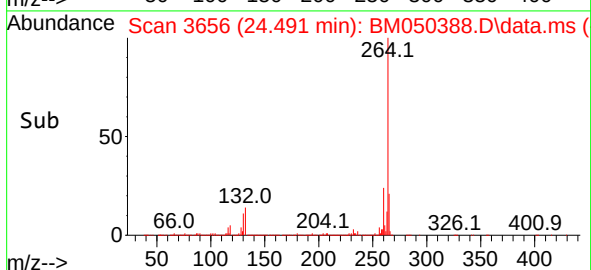
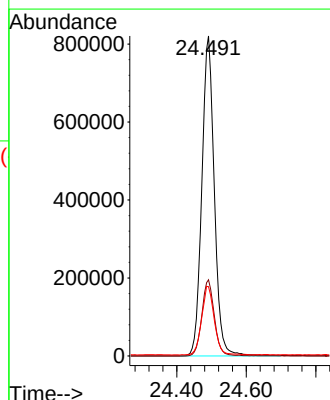
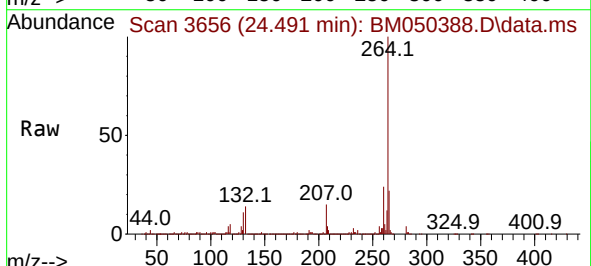
Tgt Ion:264 Resp: 2045327

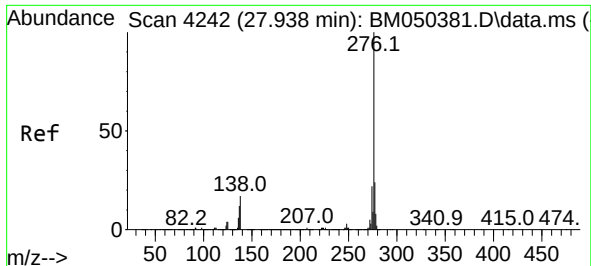
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 17.8 26.6

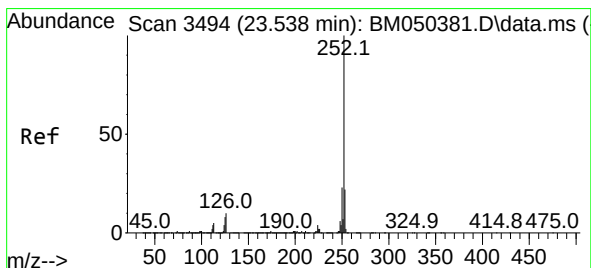
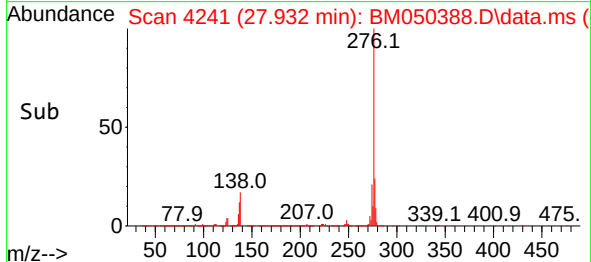
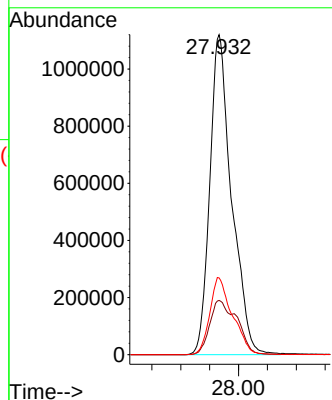
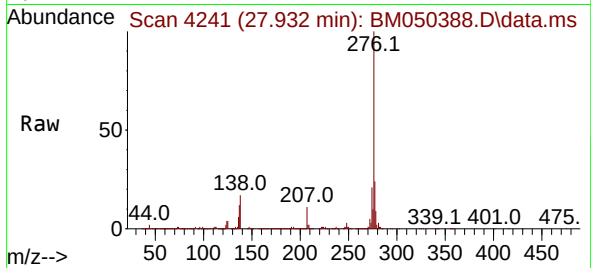




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.395 ng  
RT: 27.932 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

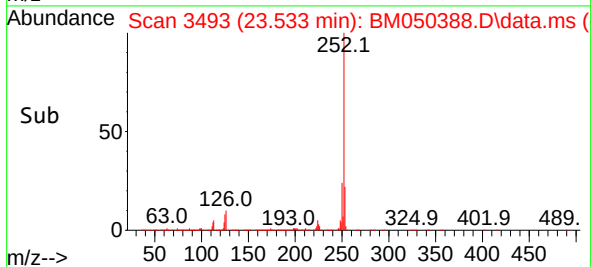
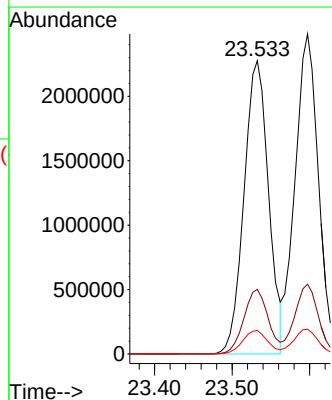
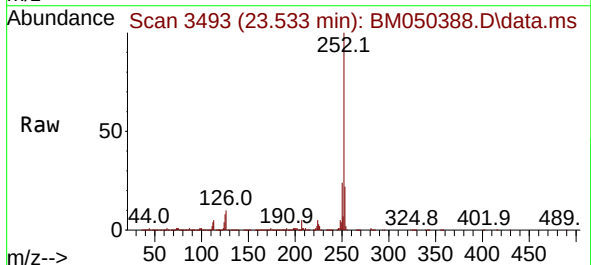
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:276 Resp: 5874332  
Ion Ratio Lower Upper  
276 100  
138 21.2 17.0 25.6  
277 25.1 20.0 30.0

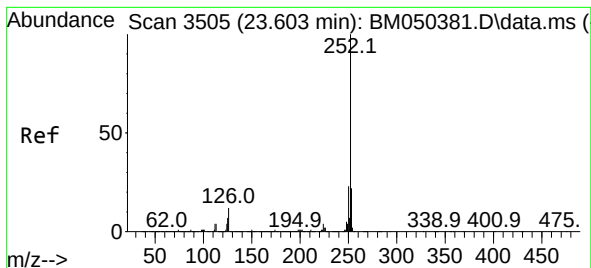


#88  
Benzo(b)fluoranthene  
Concen: 39.784 ng  
RT: 23.533 min Scan# 3493  
Delta R.T. -0.006 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:252 Resp: 5005196  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 8.0 6.3 9.5







#89

Benzo(k)fluoranthene

Concen: 40.242 ng

RT: 23.597 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

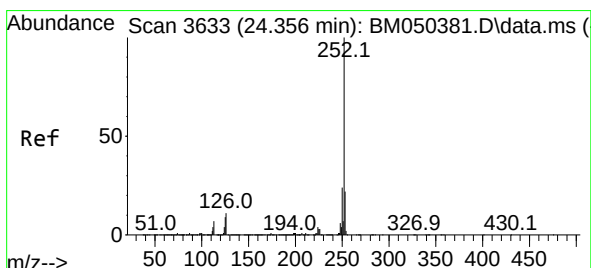
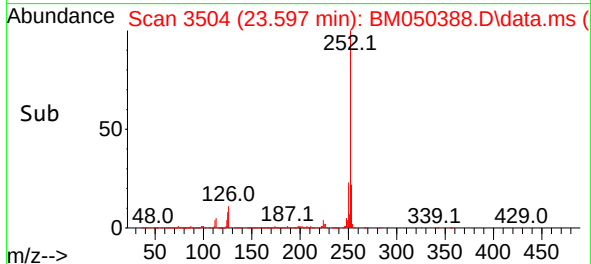
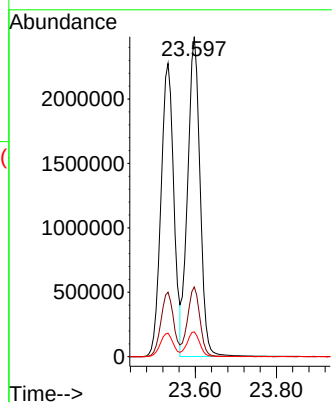
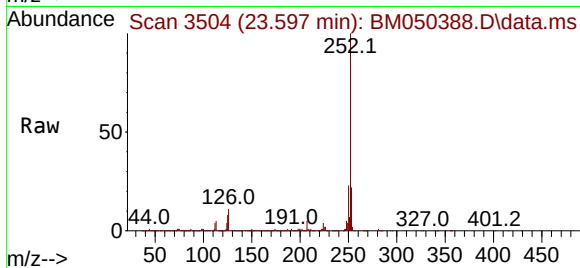
Tgt Ion:252 Resp: 5253318

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 7.8 6.2 9.2



#90

Benzo(a)pyrene

Concen: 40.476 ng

RT: 24.350 min Scan# 3632

Delta R.T. -0.006 min

Lab File: BM050388.D

Acq: 10 Jul 2025 13:53

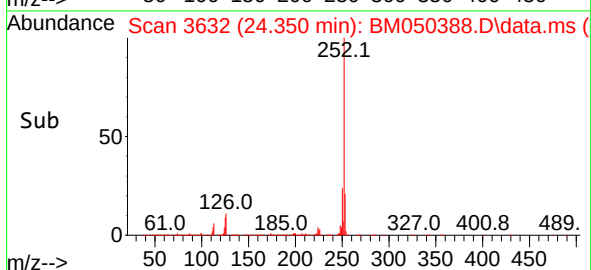
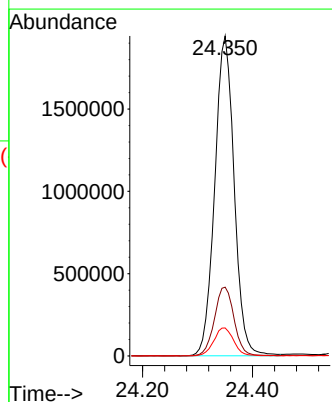
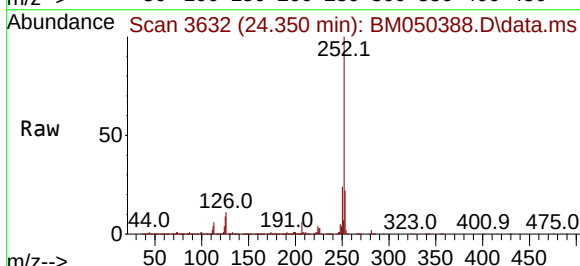
Tgt Ion:252 Resp: 4766800

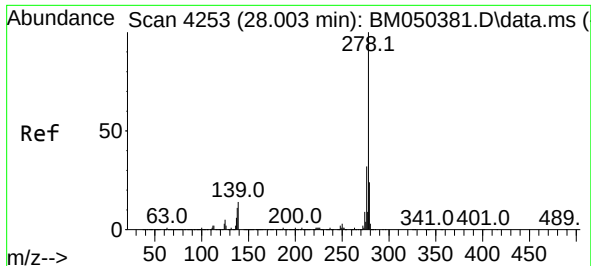
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 8.7 7.0 10.4

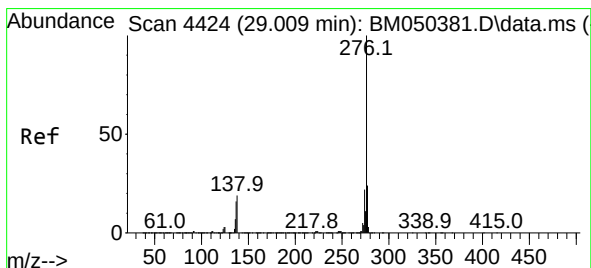
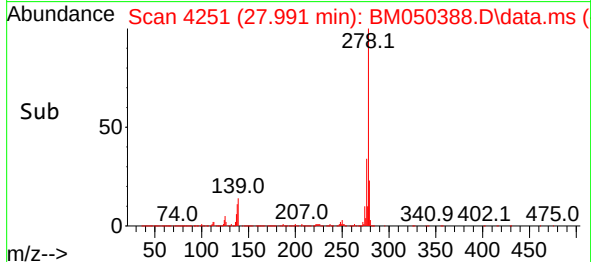
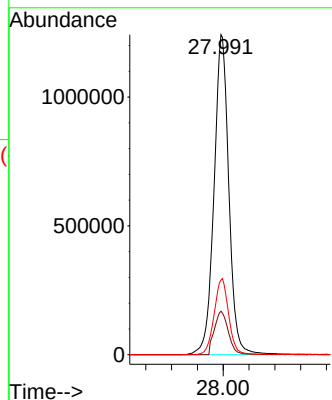
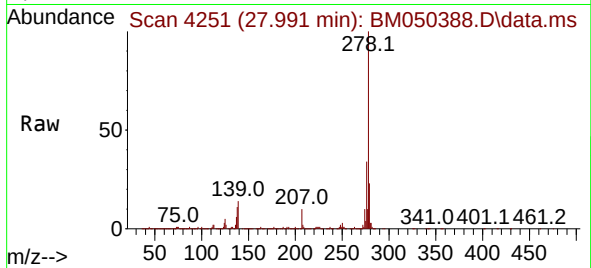




#91  
Dibenzo(a,h)anthracene  
Concen: 40.393 ng  
RT: 27.991 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 4946864  
Ion Ratio Lower Upper  
278 100  
139 13.5 10.8 16.2  
279 23.4 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 40.284 ng  
RT: 28.997 min Scan# 4422  
Delta R.T. -0.012 min  
Lab File: BM050388.D  
Acq: 10 Jul 2025 13:53

Tgt Ion:276 Resp: 4662826  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.1 28.7  
138 18.5 14.9 22.3

