

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031225\  
 Data File : BM049702.D  
 Acq On : 12 Mar 2025 20:37  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080

Quant Time: Mar 13 01:27:04 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 01:17:24 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.810  | 152  | 490162   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.604 | 136  | 1796890  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 1299306  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 2686444  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.433 | 240  | 3187890  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.456 | 264  | 2664202  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.392  | 112  | 4922771  | 169.745 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.992  | 99   | 6628519  | 172.270 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 5712122  | 165.326 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 3735573  | 195.359 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.074 | 172  | 14313299 | 147.225 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.809 | 244  | 15883745 | 84.706  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.281  | 88   | 957403   | 78.834  | ng    | 97       |
| 3) Pyridine                   | 3.687  | 79   | 2062660  | 62.020  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.593  | 42   | 1109744  | 79.143  | ng    | 94       |
| 6) Aniline                    | 7.151  | 93   | 2546688  | 78.064  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.381  | 128  | 2522691  | 85.331  | ng    | 97       |
| 9) Benzaldehyde               | 6.945  | 77   | 889151   | 49.606  | ng    | 100      |
| 10) Phenol                    | 7.016  | 94   | 3188343  | 85.451  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.239  | 93   | 2482630  | 83.152  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.698  | 146  | 2930824  | 83.899  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.845  | 146  | 2976551  | 84.315  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.163  | 146  | 2845009  | 83.986  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.057  | 79   | 2192834  | 87.505  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.345  | 45   | 2766737  | 79.470  | ng    | 98       |
| 17) 2-Methylphenol            | 8.263  | 107  | 1965590  | 87.064  | ng    | 98       |
| 18) Hexachloroethane          | 8.892  | 117  | 1040000  | 84.115  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.628  | 70   | 1936733  | 83.789  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.592  | 107  | 2757370  | 88.733  | ng    | 97       |
| 22) Acetophenone              | 8.633  | 105  | 3822850  | 82.178  | ng    | # 96     |
| 24) Nitrobenzene              | 9.016  | 77   | 2698515  | 82.173  | ng    | 98       |
| 25) Isophorone                | 9.545  | 82   | 4950990  | 87.078  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.722  | 139  | 1393434  | 97.571  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.792  | 122  | 1684743  | 90.863  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.022 | 93   | 3264196  | 84.467  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.263 | 162  | 2742106  | 92.145  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.469 | 180  | 3125800  | 87.689  | ng    | 99       |
| 31) Naphthalene               | 10.657 | 128  | 8040270  | 86.674  | ng    | 99       |
| 32) Benzoic acid              | 9.998  | 122  | 1741012  | 79.465  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.769 | 127  | 2888896  | 86.840  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.951 | 225  | 1966775  | 90.400  | ng    | 99       |
| 35) Caprolactam               | 11.592 | 113  | 608570   | 74.414  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.904 | 107  | 2525217  | 91.954  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.268 | 142  | 6012872  | 89.192  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.492 | 142  | 5815526  | 88.886  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.639 | 216  | 3968328  | 87.780  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.627 | 237  | 1405723  | 86.211  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.886 | 196  | 2383722  | 90.157  | ng    | 99       |

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Instrument :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 01:17:24 2025  
 Response via : Initial Calibration

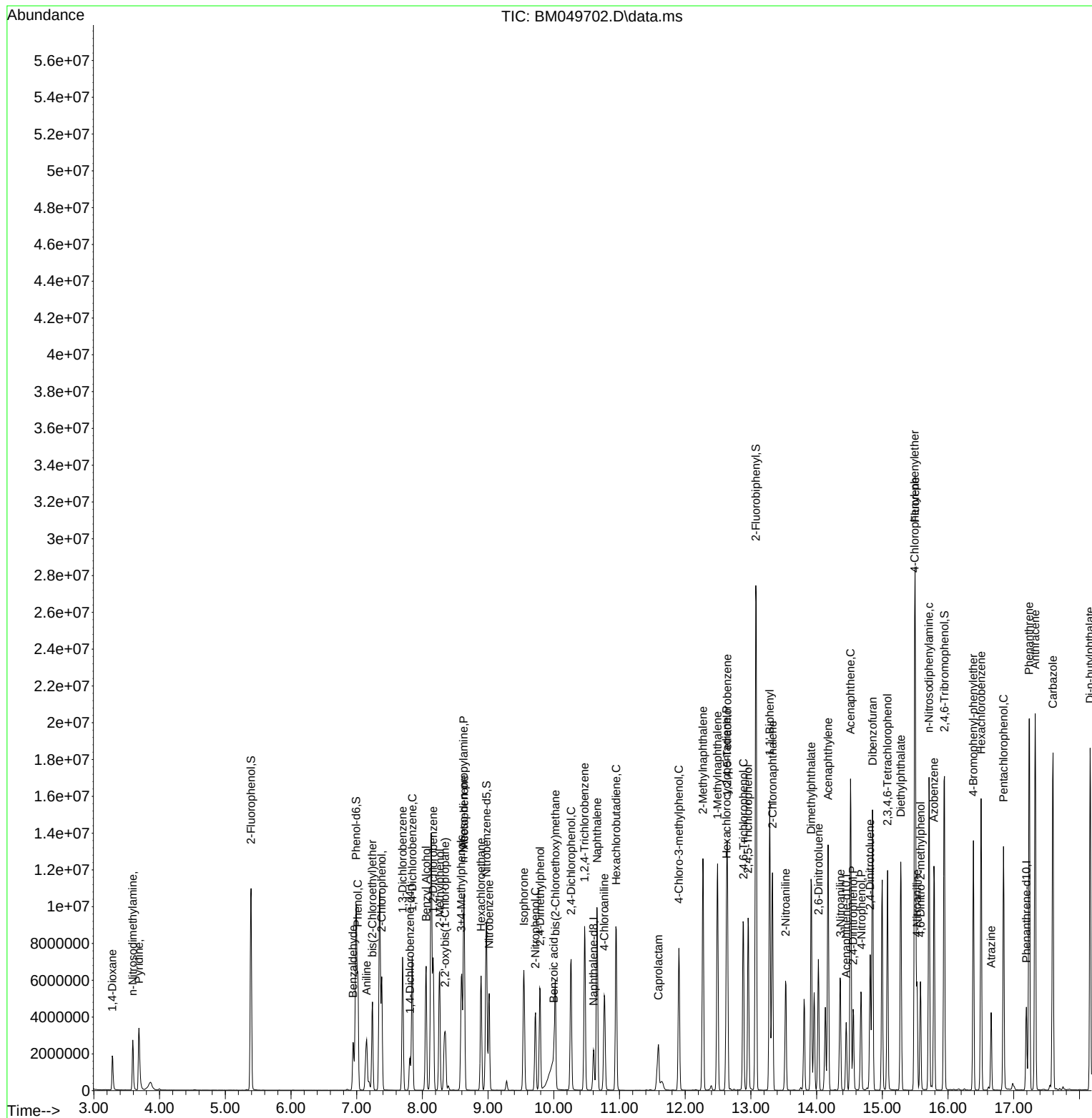
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.957 | 196  | 2611335  | 89.672  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.286 | 154  | 8042707  | 83.380  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.327 | 162  | 6227004  | 82.900  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.527 | 65   | 1553511  | 86.445  | ng    | 91       |
| 49) Acenaphthylene            | 14.174 | 152  | 9367851  | 86.339  | ng    | 100      |
| 50) Dimethylphthalate         | 13.915 | 163  | 7933025  | 86.742  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.027 | 165  | 1651206  | 89.459  | ng    | 92       |
| 52) Acenaphthene              | 14.515 | 154  | 6168554  | 86.343  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.362 | 138  | 1672752  | 92.741  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.557 | 184  | 1066244  | 79.582  | ng    | 93       |
| 55) Dibenzofuran              | 14.851 | 168  | 10326226 | 86.356  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.680 | 139  | 1467222  | 92.606  | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.815 | 165  | 2359092  | 95.893  | ng    | 94       |
| 58) Fluorene                  | 15.498 | 166  | 8233121  | 83.541  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.080 | 232  | 2481405  | 97.780  | ng    | 94       |
| 60) Diethylphthalate          | 15.280 | 149  | 7643908  | 87.177  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.492 | 204  | 4911995  | 90.616  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.527 | 138  | 1781780  | 93.564  | ng    | 95       |
| 63) Azobenzene                | 15.786 | 77   | 6596388  | 81.076  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 198  | 1517240  | 79.887  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.709 | 169  | 7053248  | 87.290  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.386 | 248  | 3041549  | 97.675  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.503 | 284  | 3304835  | 94.754  | ng    | 95       |
| 69) Atrazine                  | 16.656 | 200  | 782729   | 42.949  | ng    | 99       |
| 70) Pentachlorophenol         | 16.845 | 266  | 2334726  | 106.429 | ng    | 99       |
| 71) Phenanthrene              | 17.233 | 178  | 12385435 | 83.842  | ng    | 94       |
| 72) Anthracene                | 17.327 | 178  | 12544880 | 86.911  | ng    | 92       |
| 73) Carbazole                 | 17.598 | 167  | 11953919 | 89.434  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.162 | 149  | 12179708 | 84.655  | ng    | # 92     |
| 75) Fluoranthene              | 19.244 | 202  | 13736747 | 79.598  | ng    | 88       |
| 77) Benzidine                 | 19.427 | 184  | 2268361  | 77.741  | ng    | 100      |
| 78) Pyrene                    | 19.609 | 202  | 14468628 | 67.303  | ng    | # 72     |
| 80) Butylbenzylphthalate      | 20.515 | 149  | 6334777  | 91.281  | ng    | # 87     |
| 81) Benzo(a)anthracene        | 21.409 | 228  | 15580902 | 75.711  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.338 | 252  | 5967734  | 93.947  | ng    | 100      |
| 83) Chrysene                  | 21.409 | 228  | 15580902 | 80.935  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.344 | 149  | 9015004  | 86.376  | ng    | # 93     |
| 85) Di-n-octyl phthalate      | 22.485 | 149  | 15171486 | 78.452  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.879 | 276  | 14356812 | 81.968  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.509 | 252  | 17228299 | 94.389  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.574 | 252  | 16557813 | 93.197  | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.321 | 252  | 14365775 | 94.619  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.938 | 278  | 12131293 | 83.018  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.950 | 276  | 10994875 | 76.204  | ng    | 98       |

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

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

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 BNA\_M  
 ClientSampleId :  
 SSTDICC080

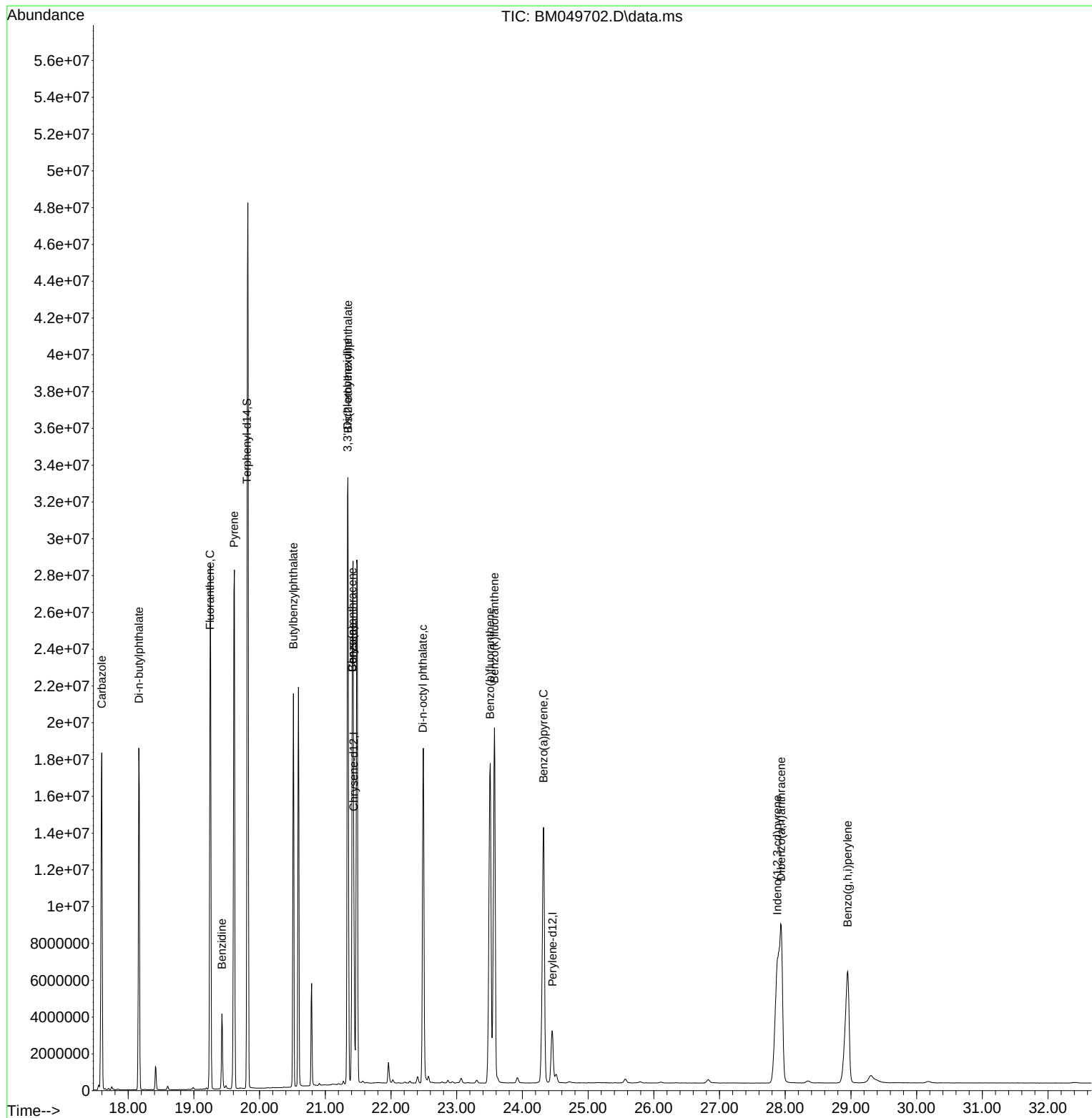
Quant Time: Mar 13 01:27:04 2025  
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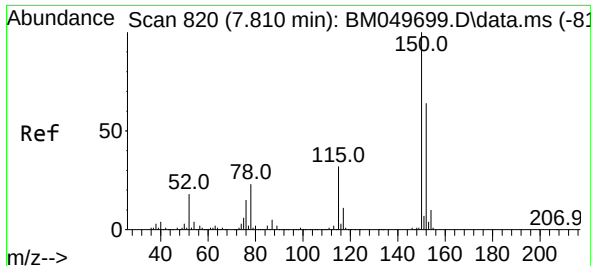


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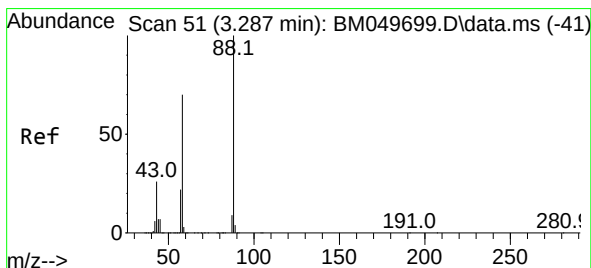
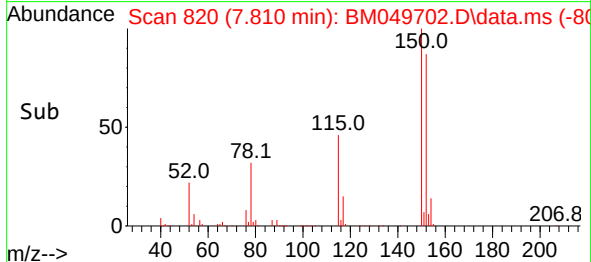
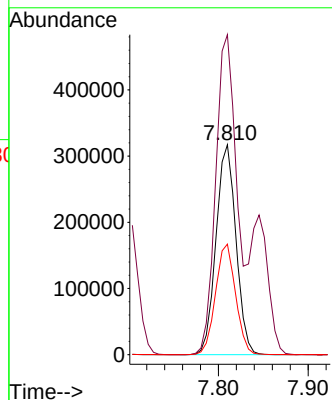
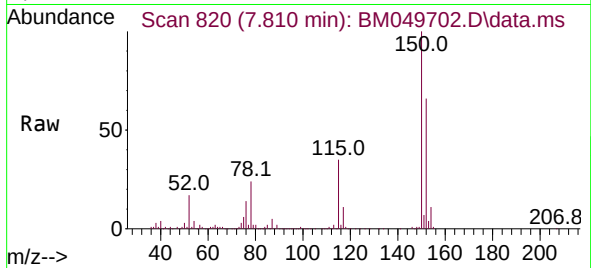




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.810 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

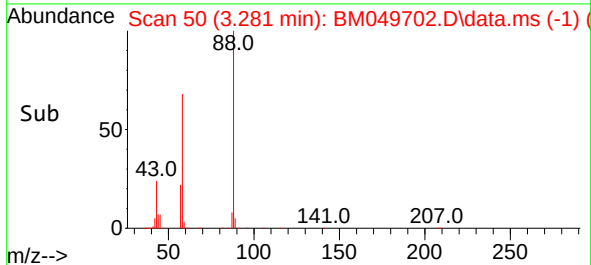
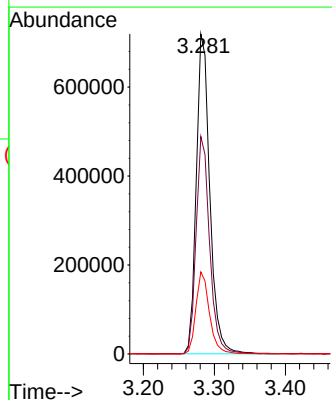
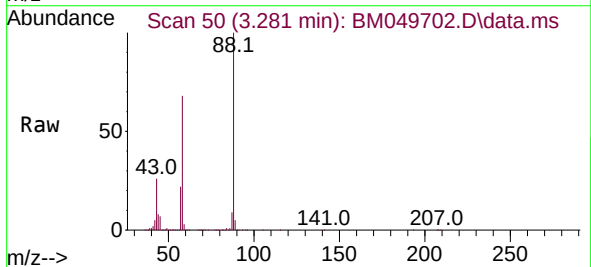
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

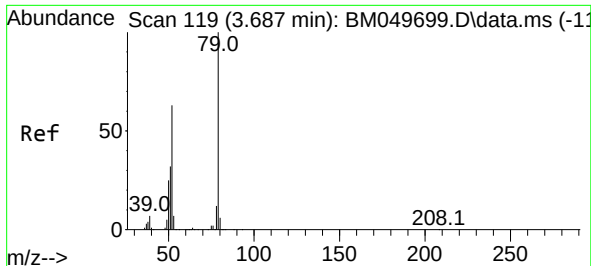
Tgt Ion:152 Resp: 490162  
Ion Ratio Lower Upper  
152 100  
150 152.4 125.3 187.9  
115 52.6 40.6 61.0



#2  
1,4-Dioxane  
Concen: 78.834 ng  
RT: 3.281 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion: 88 Resp: 957403  
Ion Ratio Lower Upper  
88 100  
58 68.1 56.5 84.7  
43 25.7 22.2 33.2





#3

Pyridine

Concen: 62.020 ng

RT: 3.687 min Scan# 119

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

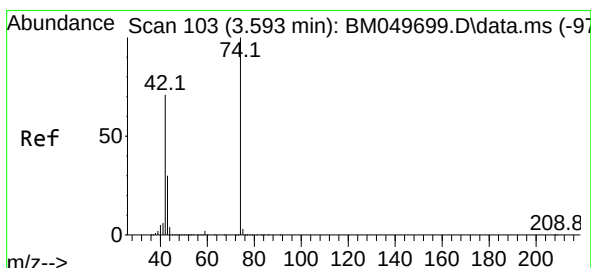
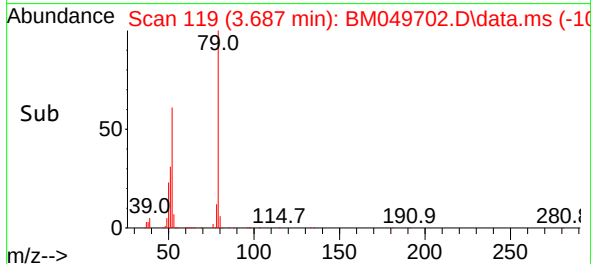
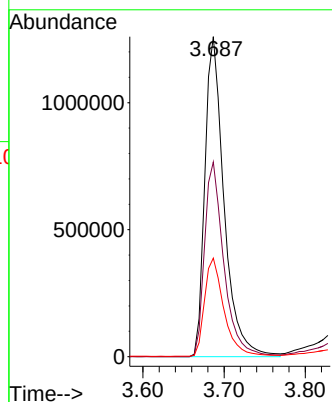
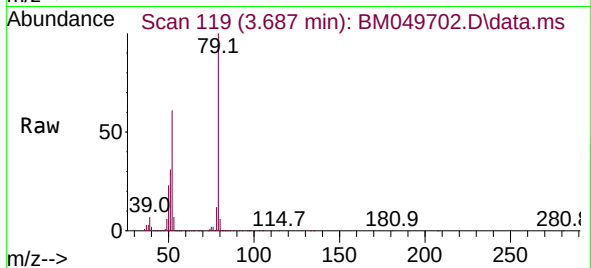
BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 2062660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 60.8  | 50.2  | 75.2  |
| 51  | 30.8  | 26.2  | 39.4  |



#4

n-Nitrosodimethylamine

Concen: 79.143 ng

RT: 3.593 min Scan# 103

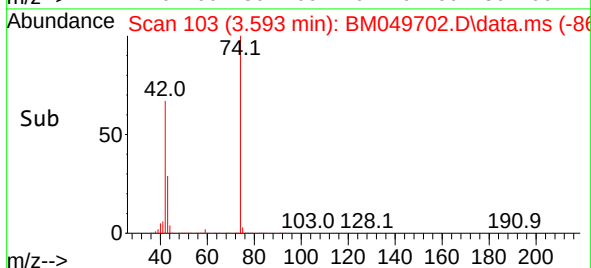
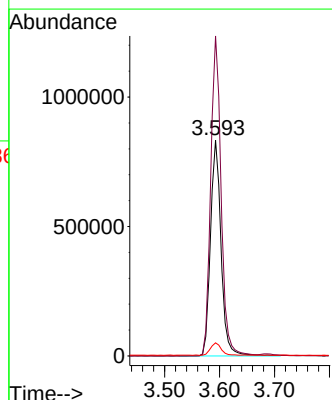
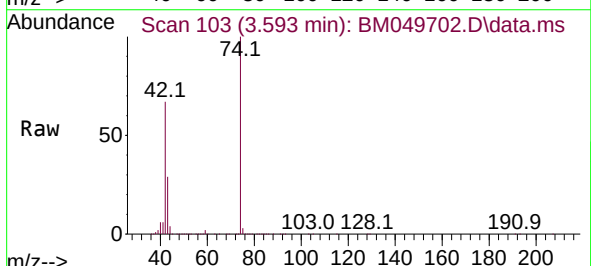
Delta R.T. -0.000 min

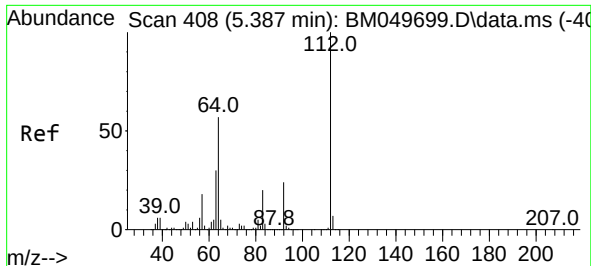
Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Tgt Ion: 42 Resp: 1109744

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 148.2 | 113.0 | 169.4 |
| 44  | 6.1   | 5.1   | 7.7   |

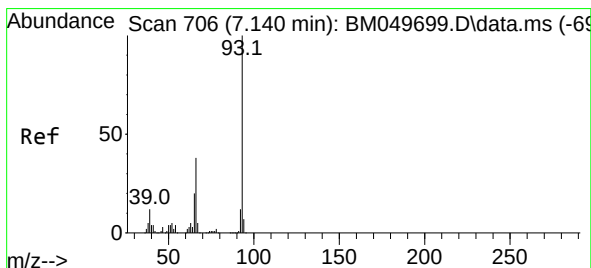
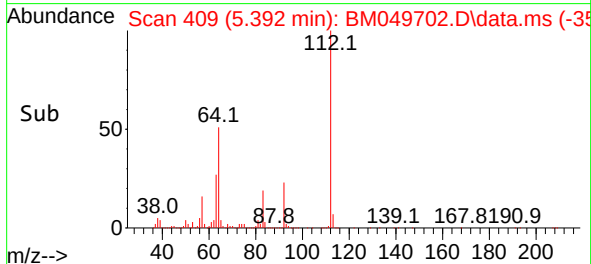
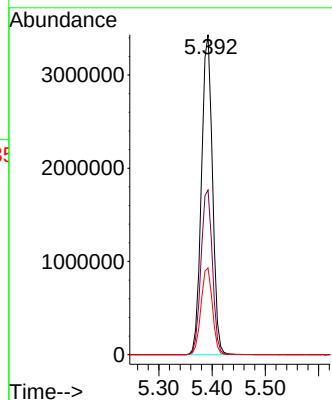
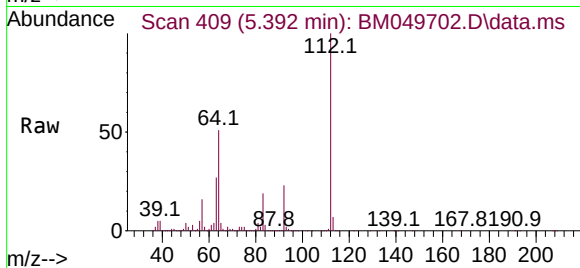




#5  
2-Fluorophenol  
Concen: 169.745 ng  
RT: 5.392 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

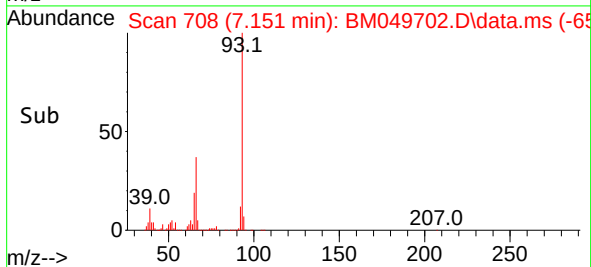
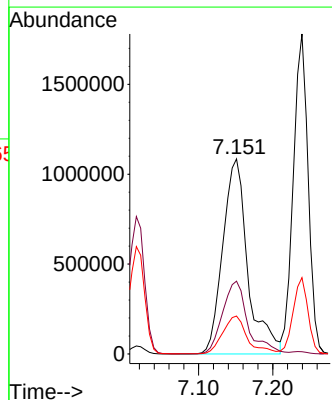
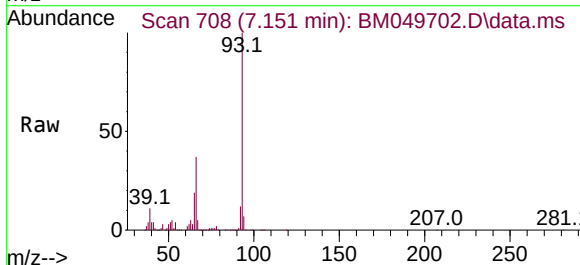
Instrument :  
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SSTDICC080

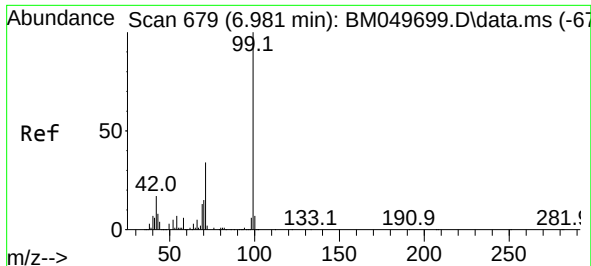
Tgt Ion:112 Resp: 4922771  
Ion Ratio Lower Upper  
112 100  
64 51.5 45.7 68.5  
63 27.1 24.0 36.0



#6  
Aniline  
Concen: 78.064 ng  
RT: 7.151 min Scan# 708  
Delta R.T. 0.012 min  
Lab File: BM049702.D  
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Tgt Ion: 93 Resp: 2546688  
Ion Ratio Lower Upper  
93 100  
66 37.3 30.9 46.3  
65 19.4 16.2 24.2

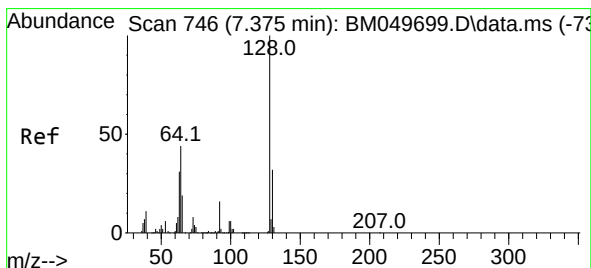
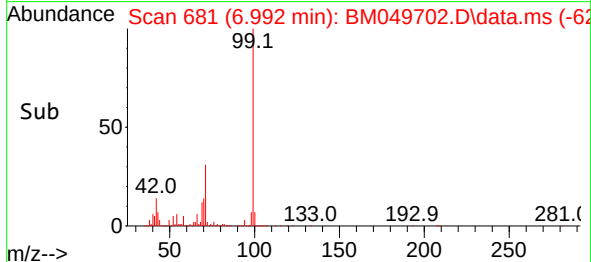
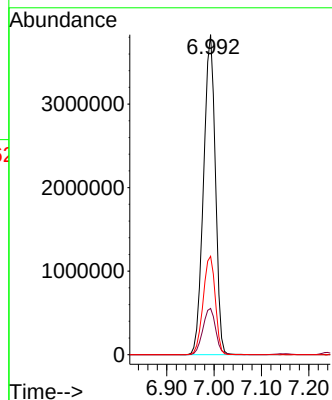
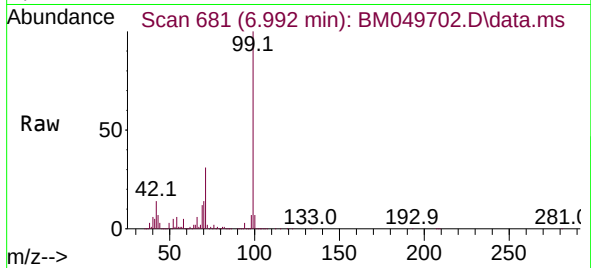




#7  
Phenol-d6  
Concen: 172.270 ng  
RT: 6.992 min Scan# 681  
Delta R.T. 0.012 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

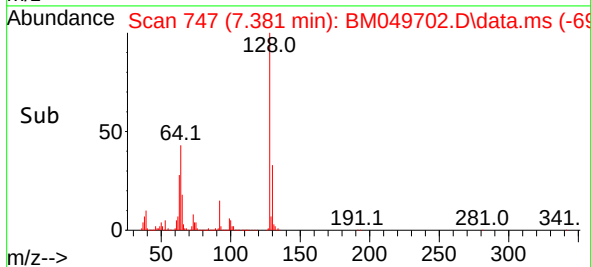
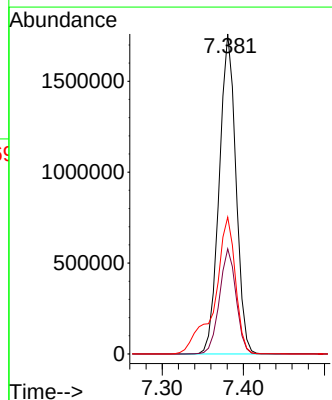
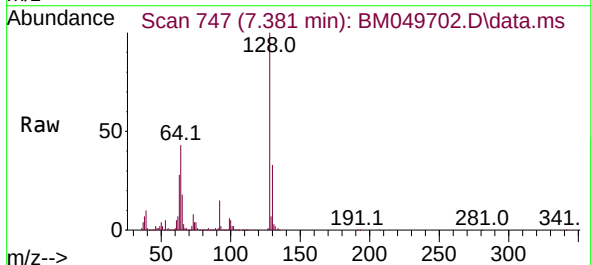
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion: 99 Resp: 6628519  
Ion Ratio Lower Upper  
99 100  
42 14.5 13.5 20.3  
71 30.8 27.2 40.8

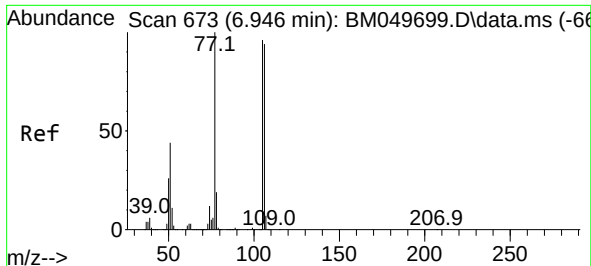


#8  
2-Chlorophenol  
Concen: 85.331 ng  
RT: 7.381 min Scan# 747  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion: 128 Resp: 2522691  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.2 52.2  
64 42.8 25.2 65.2



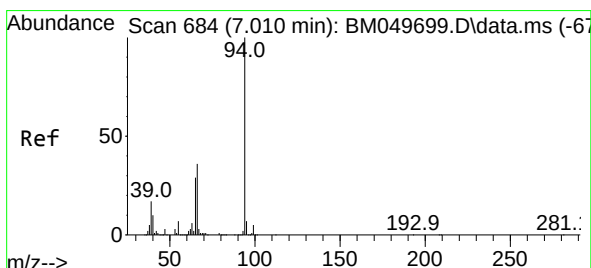
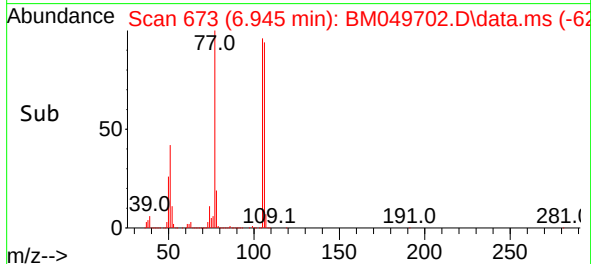
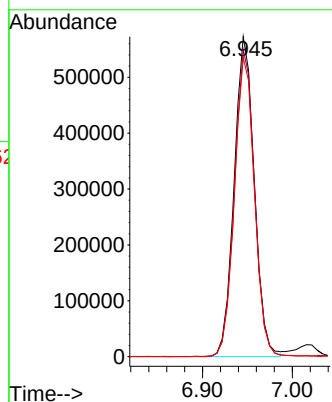
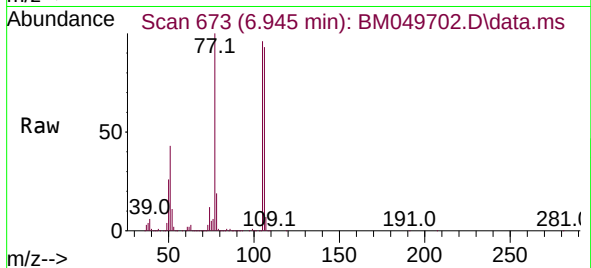




#9  
Benzaldehyde  
Concen: 49.606 ng  
RT: 6.945 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

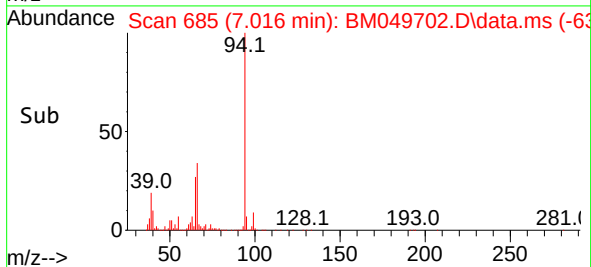
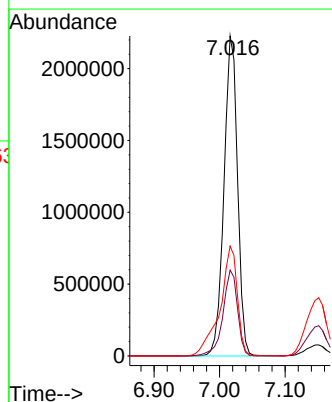
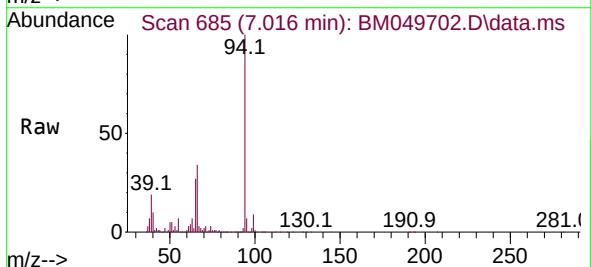
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

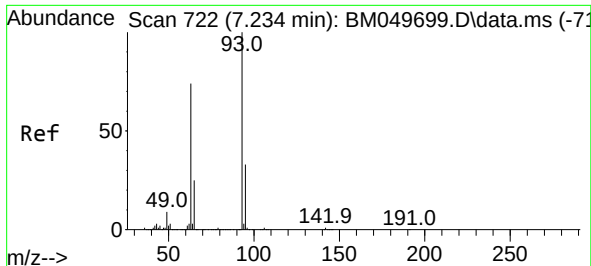
Tgt Ion: 77 Resp: 889151  
Ion Ratio Lower Upper  
77 100  
105 96.0 75.7 115.7  
106 93.5 73.9 113.9



#10  
Phenol  
Concen: 85.451 ng  
RT: 7.016 min Scan# 685  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion: 94 Resp: 3188343  
Ion Ratio Lower Upper  
94 100  
65 26.8 8.7 48.7  
66 34.3 16.4 56.4

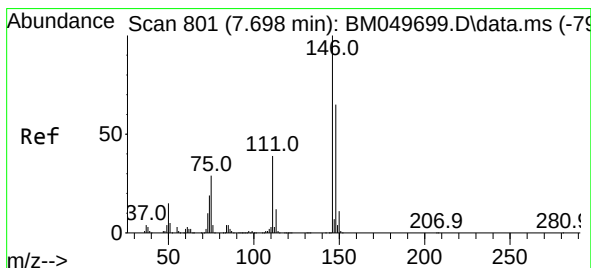
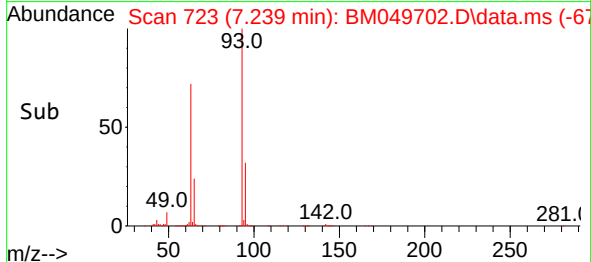
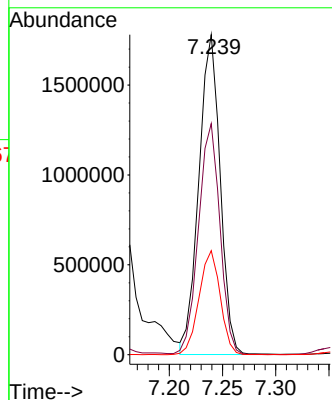
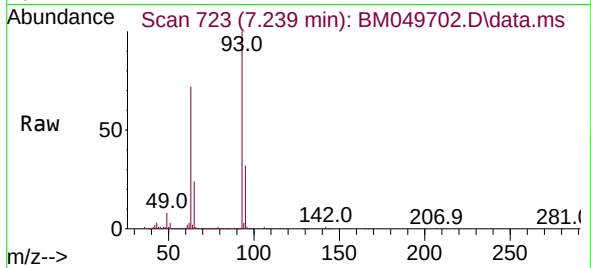




#11  
bis(2-Chloroethyl)ether  
Concen: 83.152 ng  
RT: 7.239 min Scan# 723  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

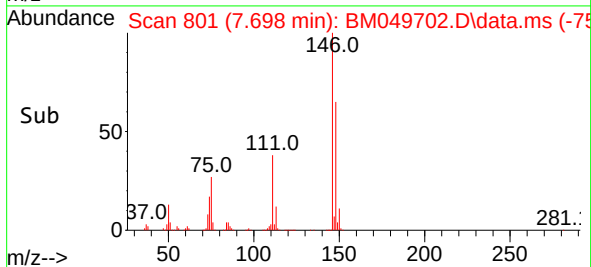
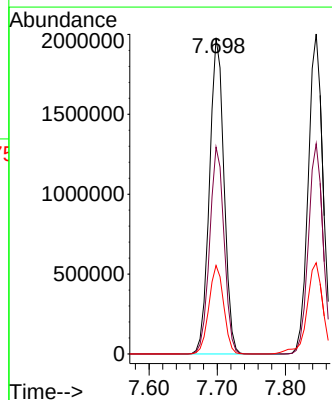
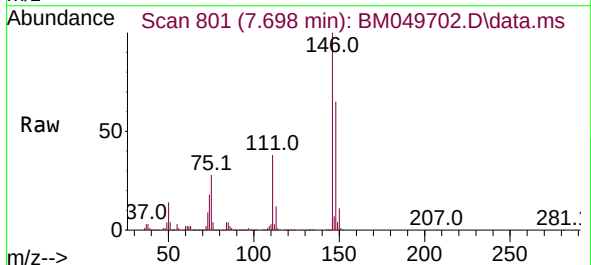
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

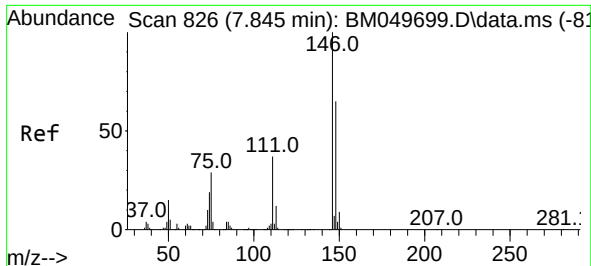
Tgt Ion: 93 Resp: 2482630  
Ion Ratio Lower Upper  
93 100  
63 72.2 53.5 93.5  
95 32.5 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 83.899 ng  
RT: 7.698 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:146 Resp: 2930824  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.8 77.8  
75 28.0 23.4 35.2

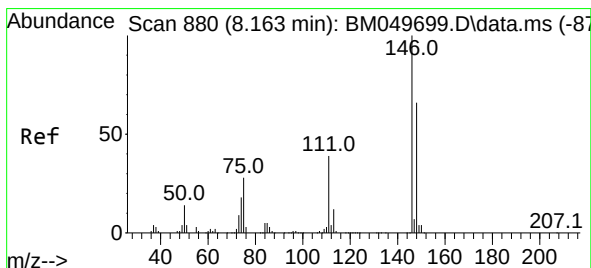
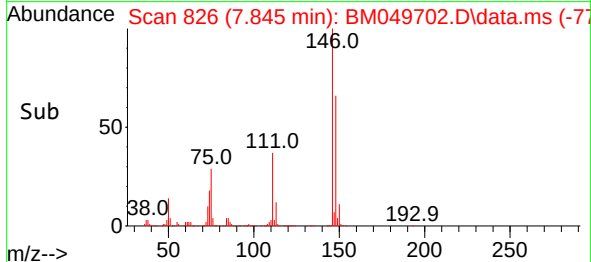
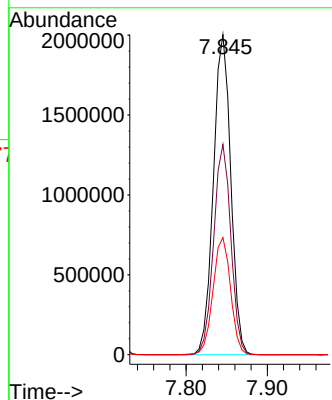
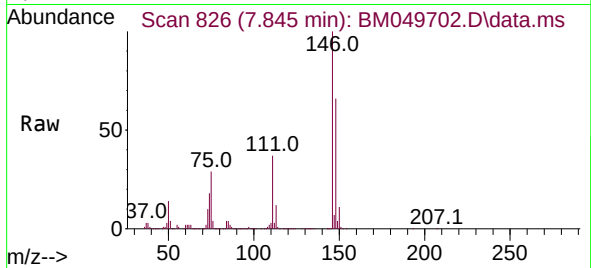




#13  
1,4-Dichlorobenzene  
Concen: 84.315 ng  
RT: 7.845 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

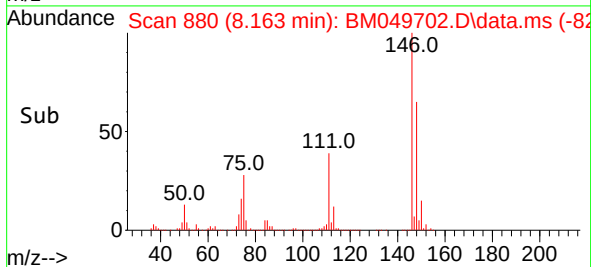
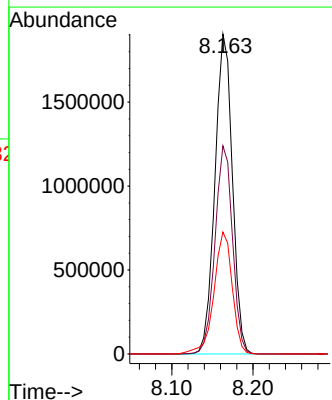
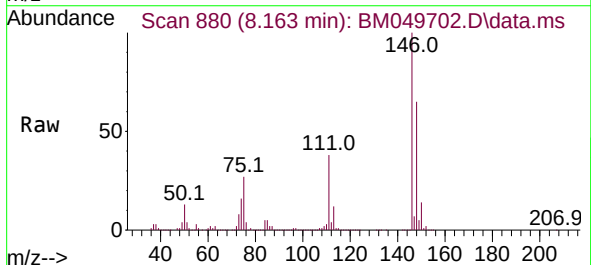
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

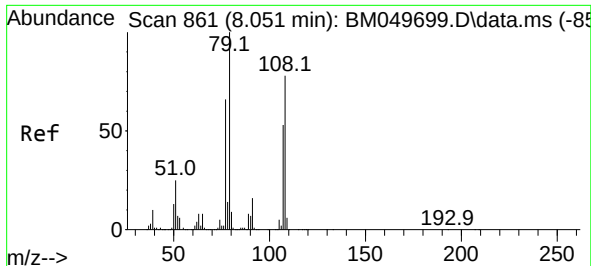
Tgt Ion:146 Resp: 2976551  
Ion Ratio Lower Upper  
146 100  
148 65.7 52.0 78.0  
111 36.6 29.6 44.4



#14  
1,2-Dichlorobenzene  
Concen: 83.986 ng  
RT: 8.163 min Scan# 880  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:146 Resp: 2845009  
Ion Ratio Lower Upper  
146 100  
148 65.0 52.8 79.2  
111 38.1 31.6 47.4

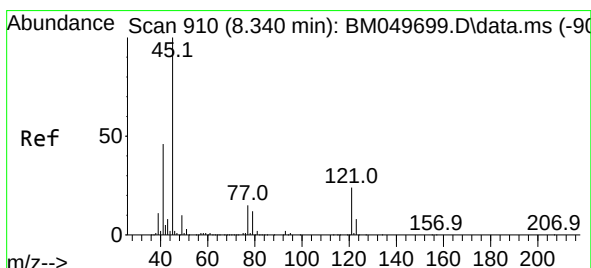
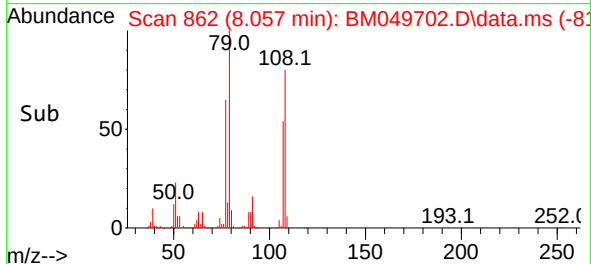
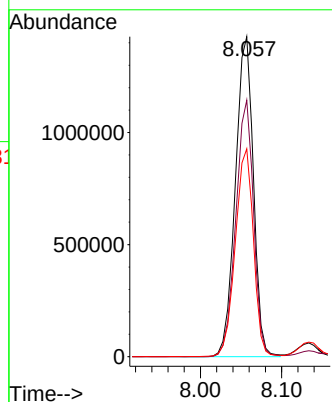
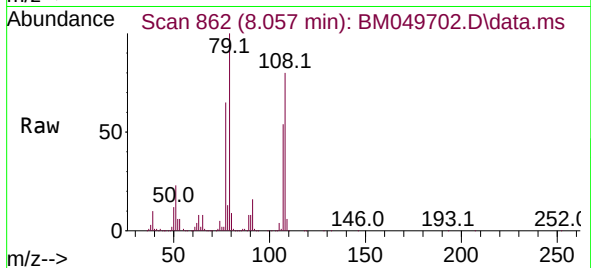




#15  
Benzyl Alcohol  
Concen: 87.505 ng  
RT: 8.057 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

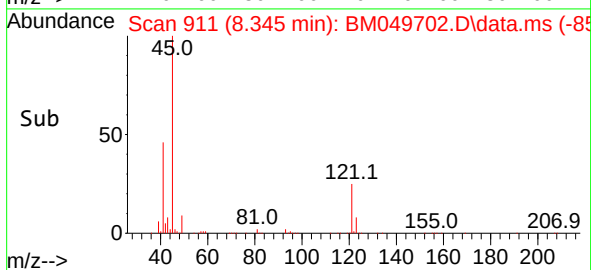
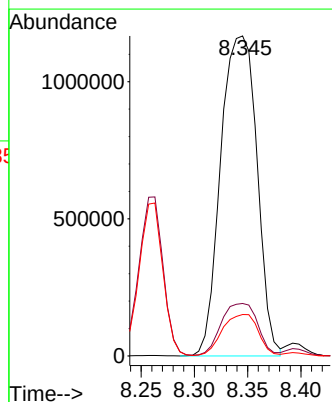
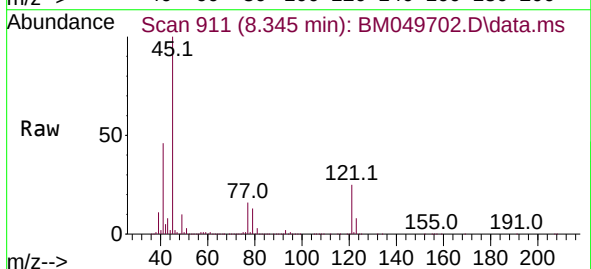
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

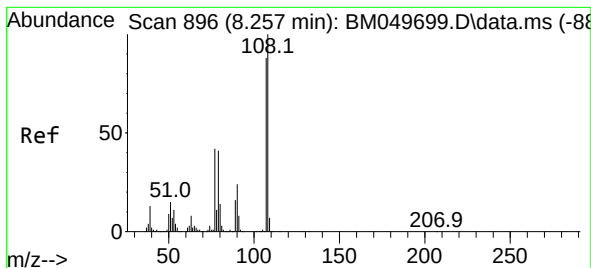
Tgt Ion: 79 Resp: 2192834  
Ion Ratio Lower Upper  
79 100  
108 80.1 62.5 93.7  
77 65.0 53.0 79.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 79.470 ng  
RT: 8.345 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion: 45 Resp: 2766737  
Ion Ratio Lower Upper  
45 100  
77 16.4 0.0 35.8  
79 12.9 0.0 32.3



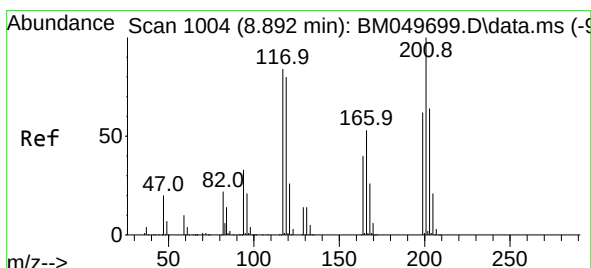
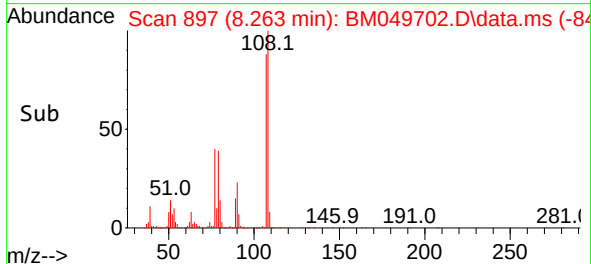
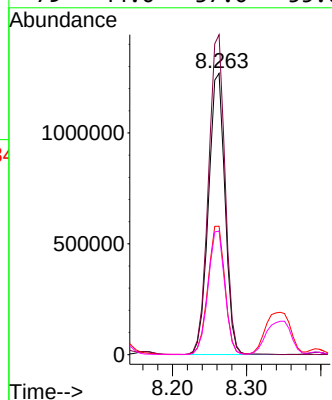
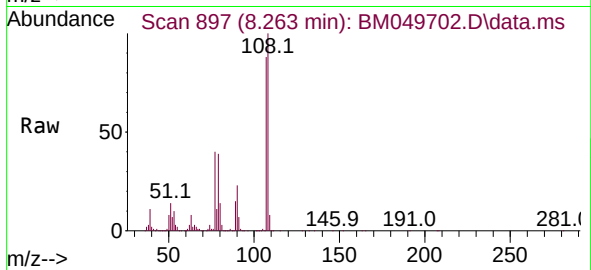


#17  
2-Methylphenol  
Concen: 87.064 ng  
RT: 8.263 min Scan# 897  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion:107 Resp: 1965590

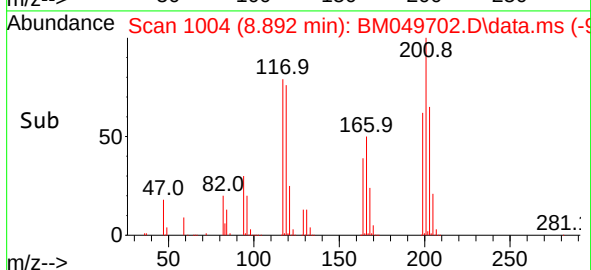
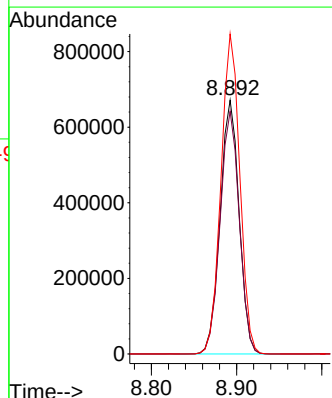
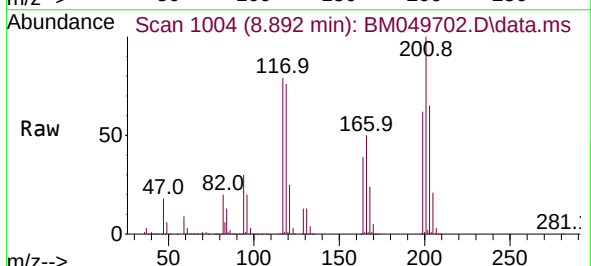
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 113.8 | 91.0  | 136.4 |
| 77  | 45.7  | 38.2  | 57.4  |
| 79  | 44.0  | 37.0  | 55.6  |

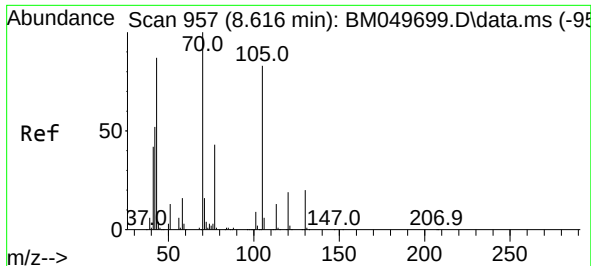


#18  
Hexachloroethane  
Concen: 84.115 ng  
RT: 8.892 min Scan# 1004  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:117 Resp: 1040000

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.6  | 76.0  | 114.0 |
| 201 | 126.1 | 95.3  | 142.9 |





#19

n-Nitroso-di-n-propylamine

Concen: 83.789 ng

RT: 8.628 min Scan# 91

Delta R.T. 0.012 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 1936733

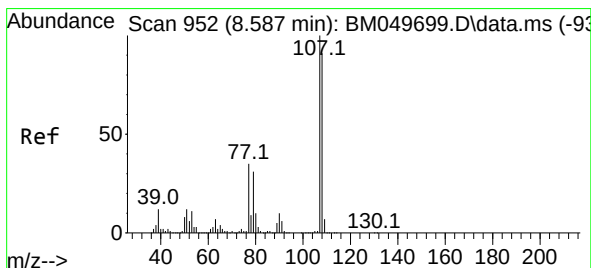
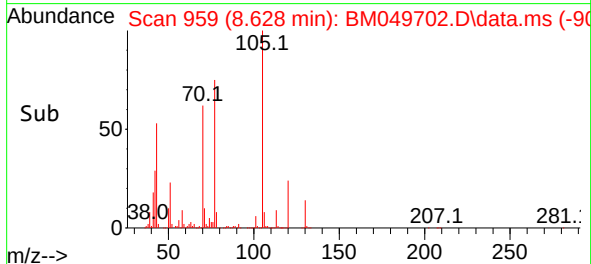
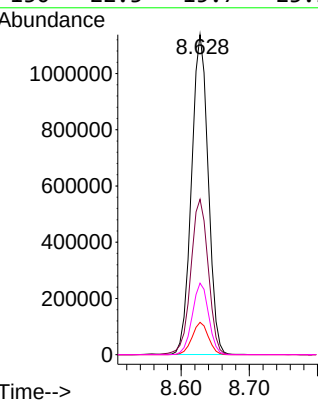
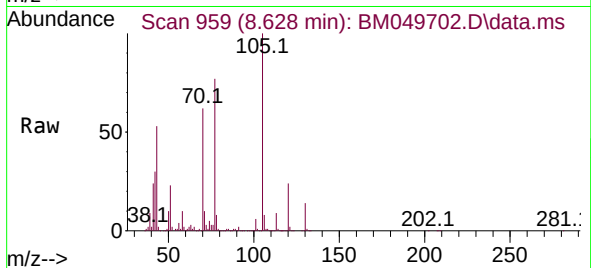
Ion Ratio Lower Upper

70 100

42 48.5 41.9 62.9

101 10.1 7.4 11.2

130 22.3 15.7 23.5



#20

3+4-Methylphenols

Concen: 88.733 ng

RT: 8.592 min Scan# 953

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Tgt Ion:107 Resp: 2757370

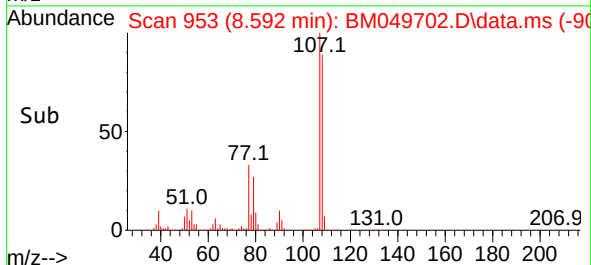
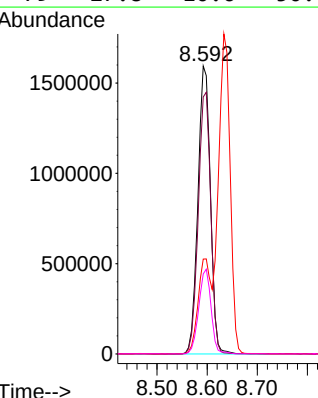
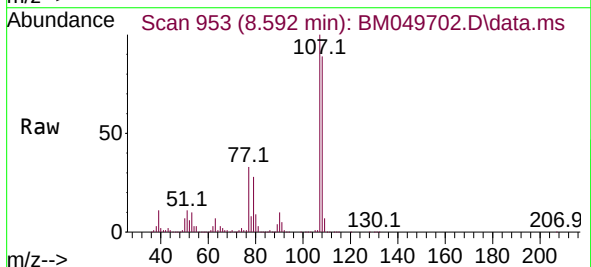
Ion Ratio Lower Upper

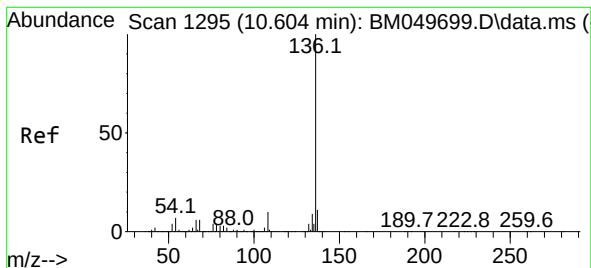
107 100

108 89.2 71.2 111.2

77 32.9 14.6 54.6

79 27.8 10.6 50.6

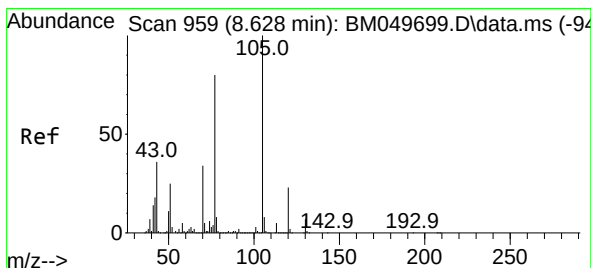
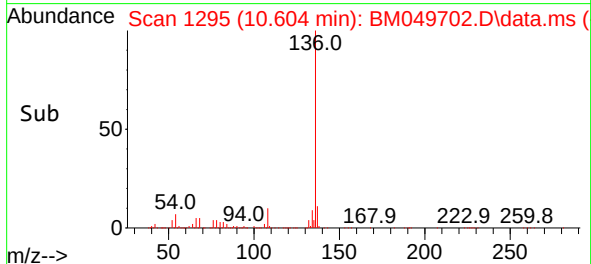
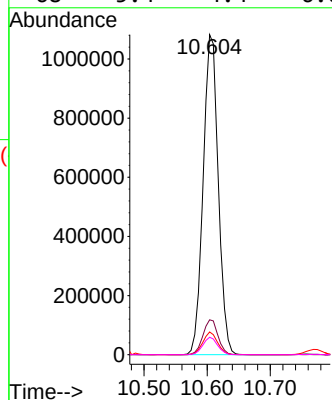
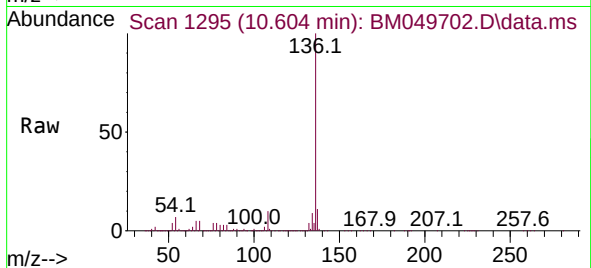




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.604 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

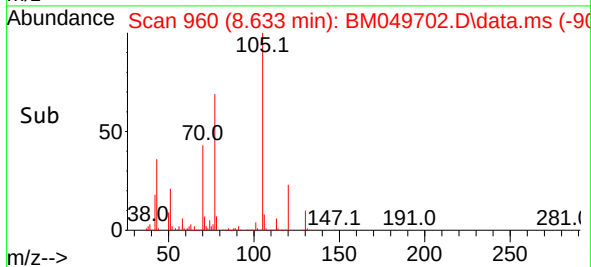
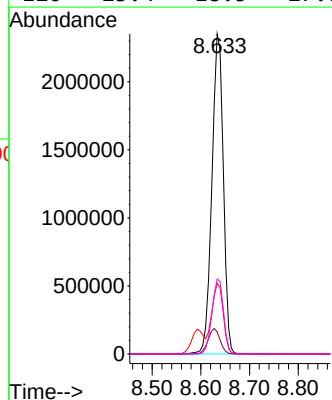
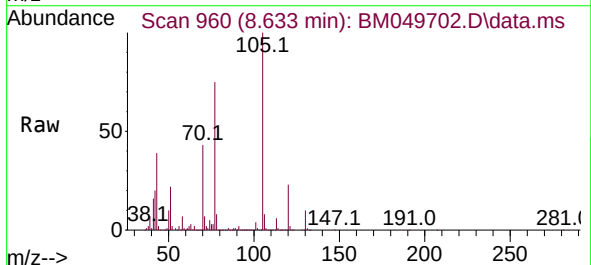
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

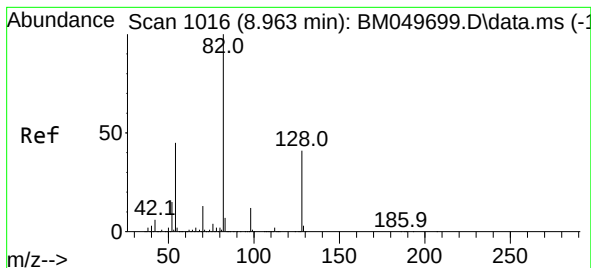
Tgt Ion:136 Resp: 1796890  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.1 5.7 8.5  
68 5.4 4.4 6.6



#22  
Acetophenone  
Concen: 82.178 ng  
RT: 8.633 min Scan# 960  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:105 Resp: 3822850  
Ion Ratio Lower Upper  
105 100  
71 6.9 4.4 6.6#  
51 22.0 20.1 30.1  
120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 165.326 ng

RT: 8.975 min Scan# 1018

Delta R.T. 0.012 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

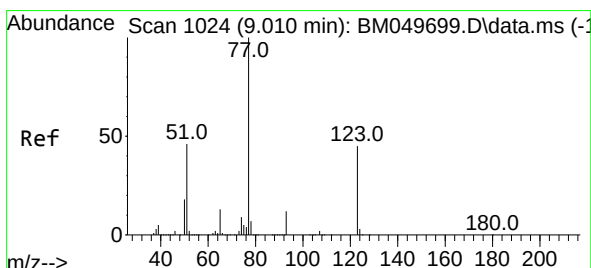
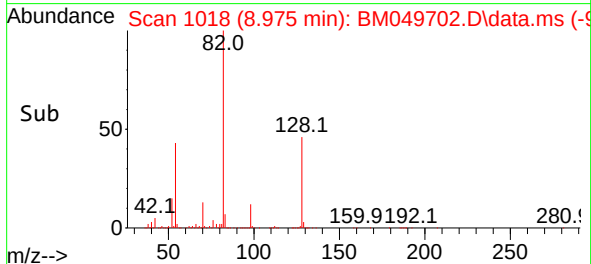
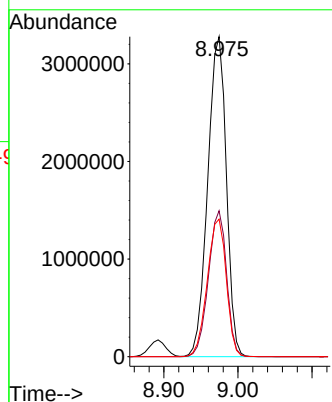
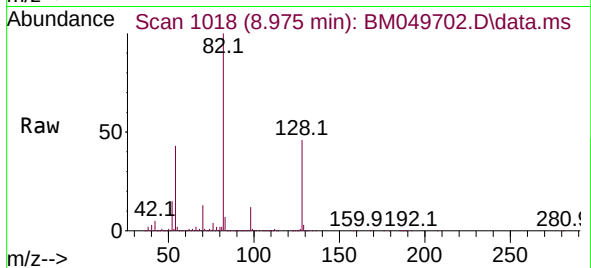
BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 5712122

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.6  | 32.8  | 49.2  |
| 54  | 43.0  | 36.3  | 54.5  |



#24

Nitrobenzene

Concen: 82.173 ng

RT: 9.016 min Scan# 1025

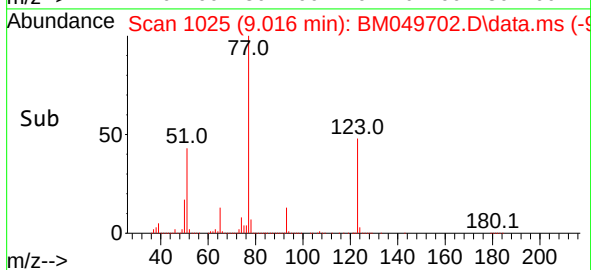
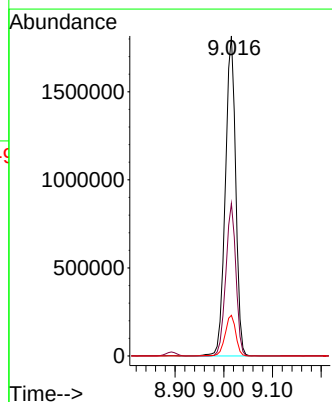
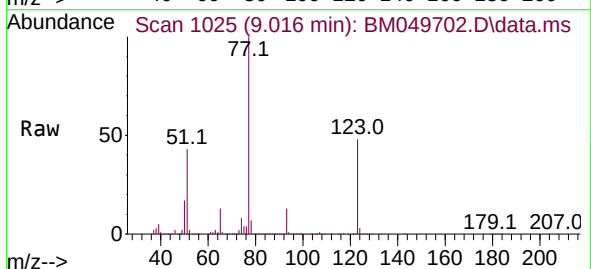
Delta R.T. 0.006 min

Lab File: BM049702.D

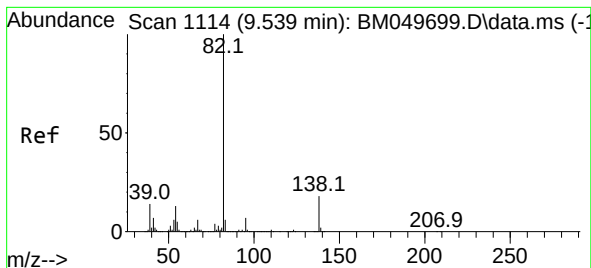
Acq: 12 Mar 2025 20:37

Tgt Ion: 77 Resp: 2698515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.7  | 36.6  | 54.8  |
| 65  | 12.7  | 10.4  | 15.6  |







#25

Isophorone

Concen: 87.078 ng

RT: 9.545 min Scan# 1115

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

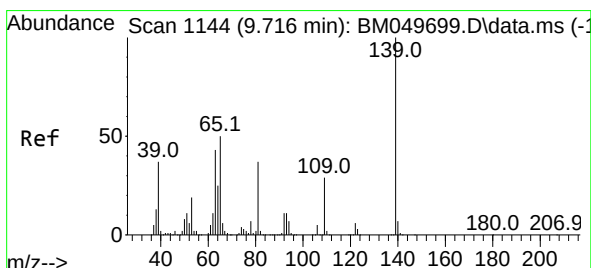
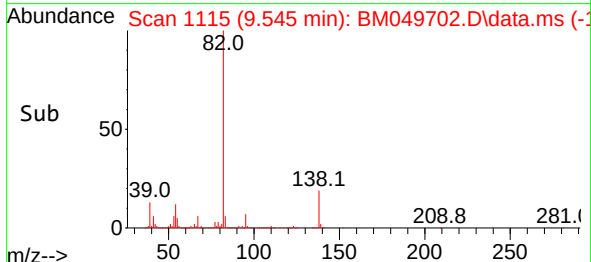
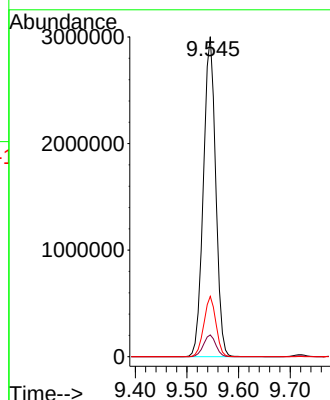
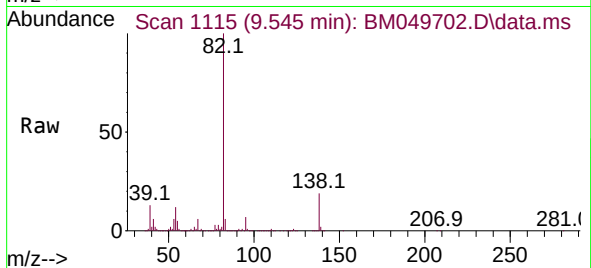
Tgt Ion: 82 Resp: 4950990

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.9 14.7 22.1



#26

2-Nitrophenol

Concen: 97.571 ng

RT: 9.722 min Scan# 1145

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

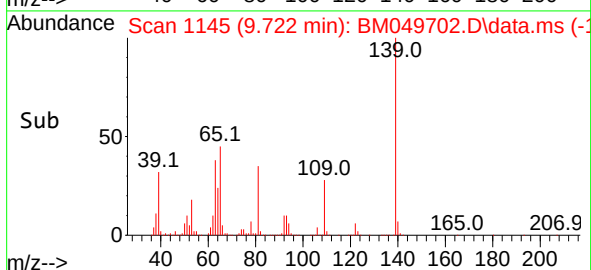
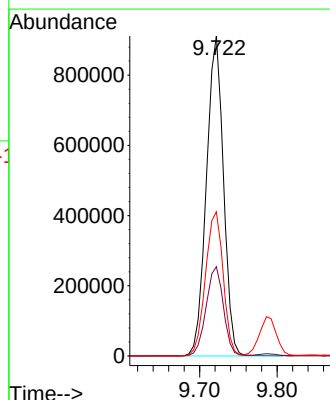
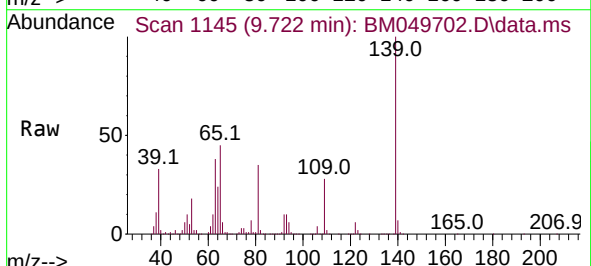
Tgt Ion:139 Resp: 1393434

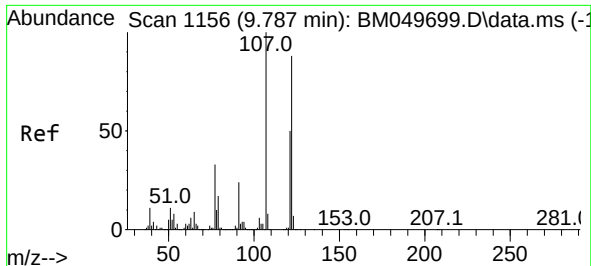
Ion Ratio Lower Upper

139 100

109 27.9 23.3 34.9

65 45.1 39.9 59.9

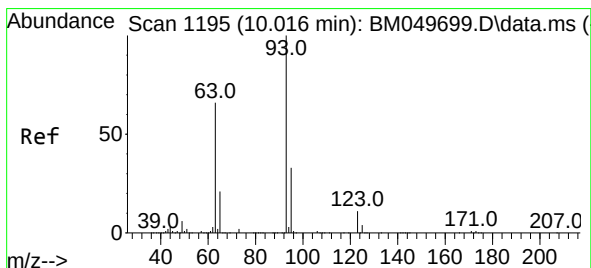
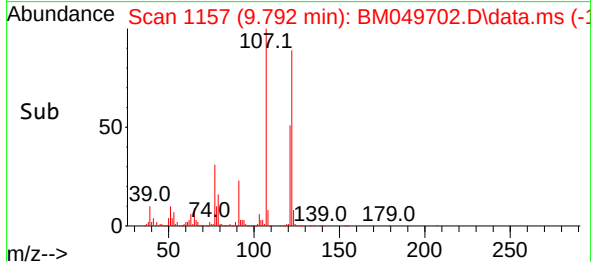
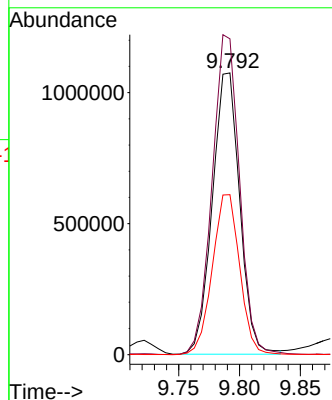
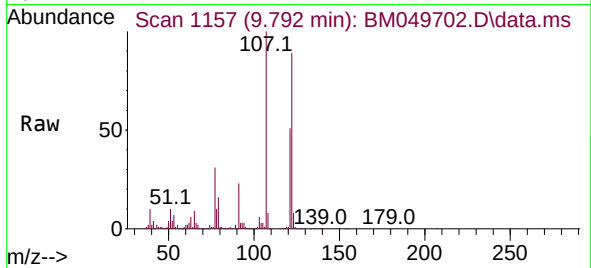




#27  
2,4-Dimethylphenol  
Concen: 90.863 ng  
RT: 9.792 min Scan# 1157  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

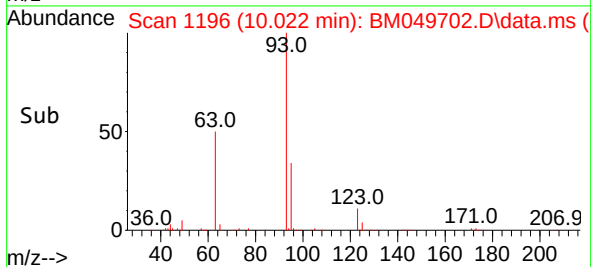
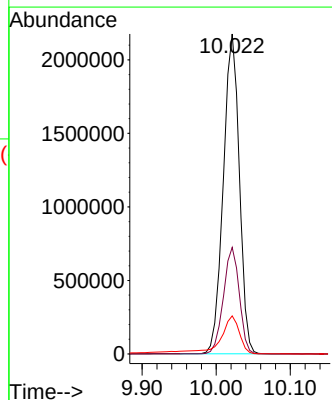
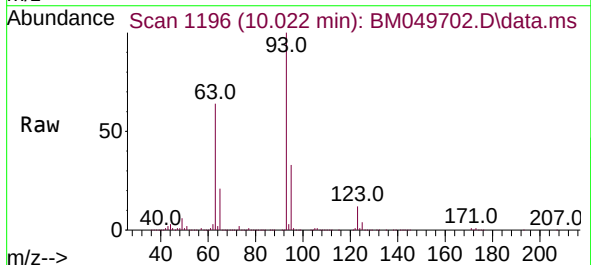
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

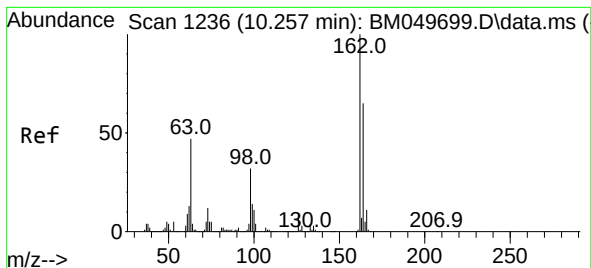
Tgt Ion:122 Resp: 1684743  
Ion Ratio Lower Upper  
122 100  
107 112.1 90.5 135.7  
121 56.8 45.3 67.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 84.467 ng  
RT: 10.022 min Scan# 1196  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion: 93 Resp: 3264196  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.1 39.1  
123 11.9 9.1 13.7

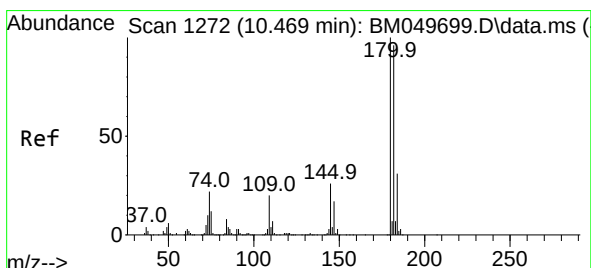
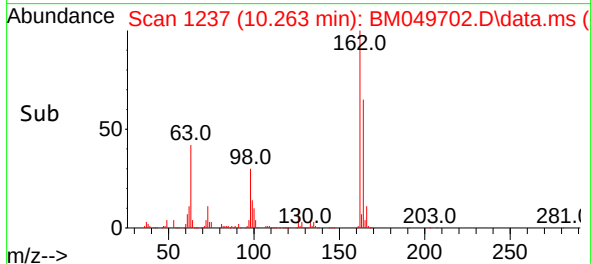
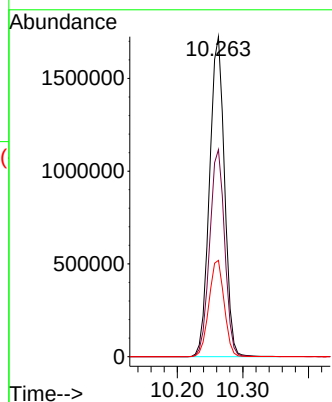
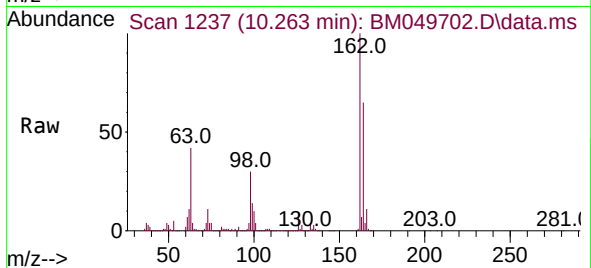




#29  
2,4-Dichlorophenol  
Concen: 92.145 ng  
RT: 10.263 min Scan# 1237  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

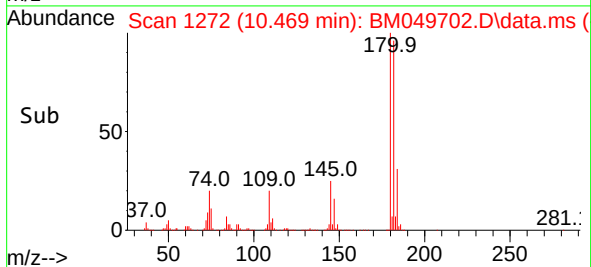
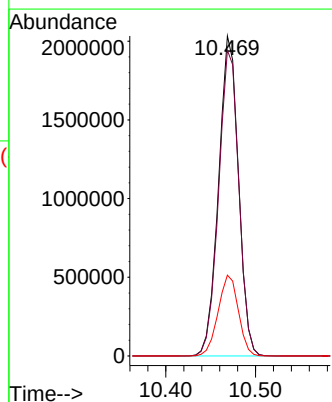
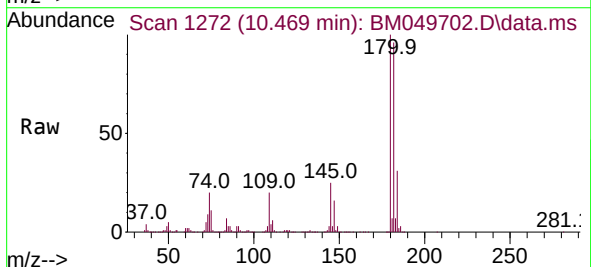
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

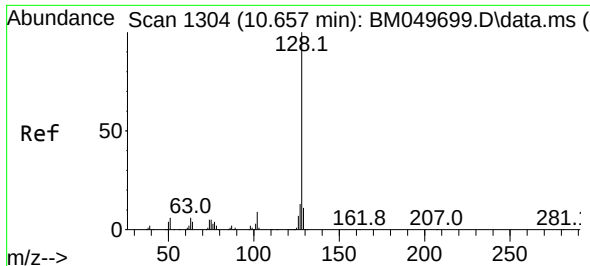
Tgt Ion:162 Resp: 2742106  
Ion Ratio Lower Upper  
162 100  
164 64.7 45.5 85.5  
98 30.1 12.4 52.4



#30  
1,2,4-Trichlorobenzene  
Concen: 87.689 ng  
RT: 10.469 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:180 Resp: 3125800  
Ion Ratio Lower Upper  
180 100  
182 95.5 77.1 115.7  
145 25.3 20.6 31.0

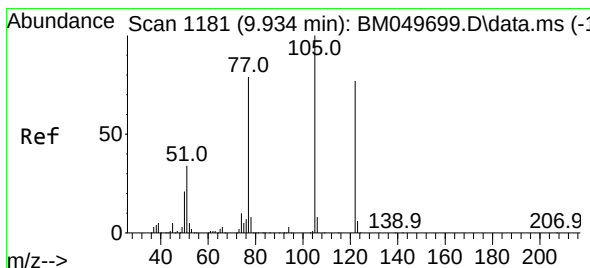
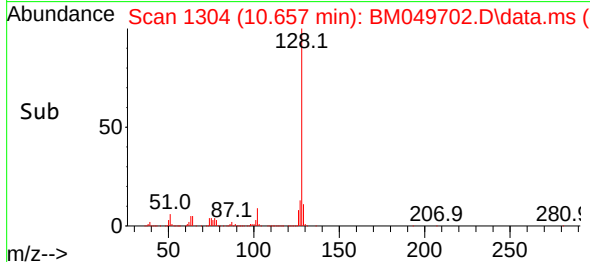
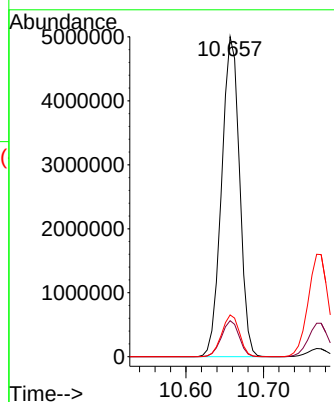
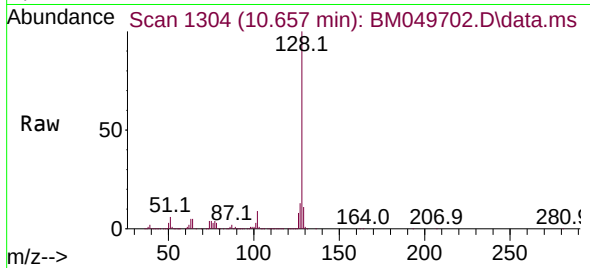




#31  
Naphthalene  
Concen: 86.674 ng  
RT: 10.657 min Scan# 1192  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

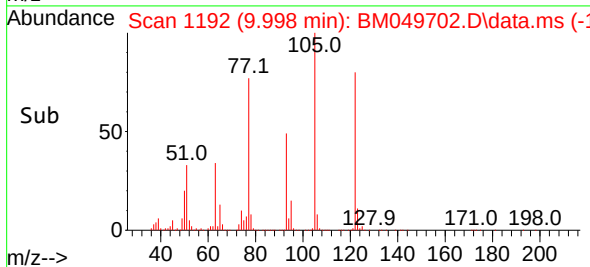
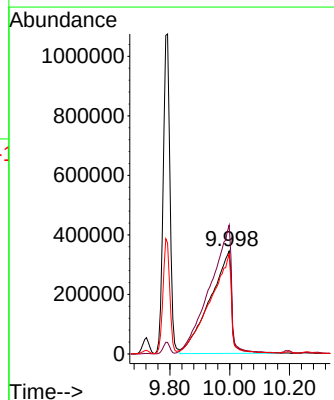
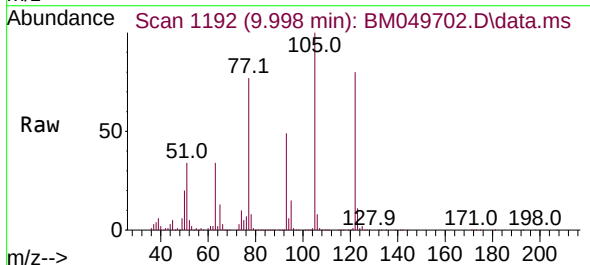
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

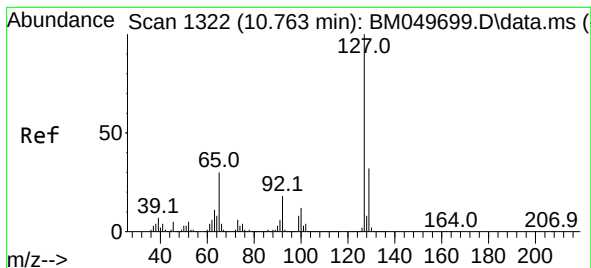
Tgt Ion:128 Resp: 8040270  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 12.8  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 79.465 ng  
RT: 9.998 min Scan# 1192  
Delta R.T. 0.064 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:122 Resp: 1741012  
Ion Ratio Lower Upper  
122 100  
105 125.3 106.1 146.1  
77 97.0 80.2 120.2





#33

4-Chloroaniline

Concen: 86.840 ng

RT: 10.769 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 2888896

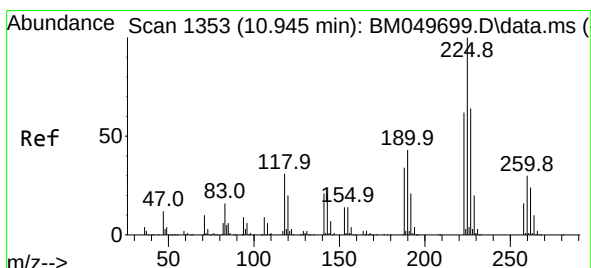
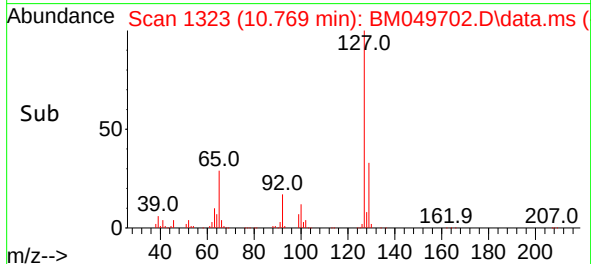
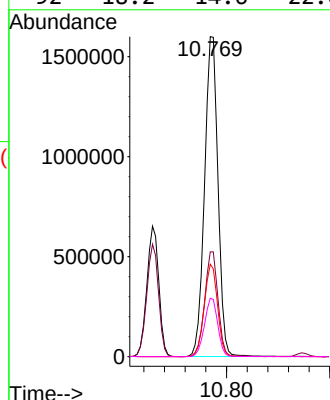
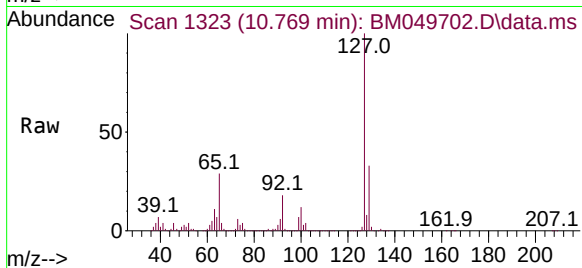
Ion Ratio Lower Upper

127 100

129 32.7 25.8 38.6

65 28.9 23.8 35.6

92 18.2 14.6 22.0



#34

Hexachlorobutadiene

Concen: 90.400 ng

RT: 10.951 min Scan# 1354

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

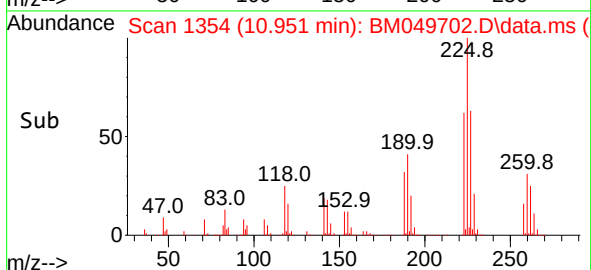
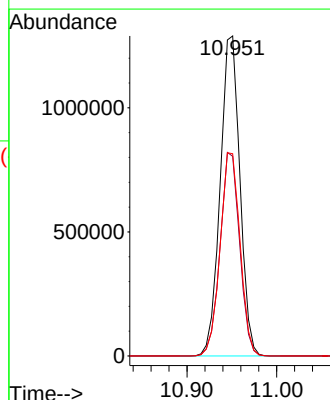
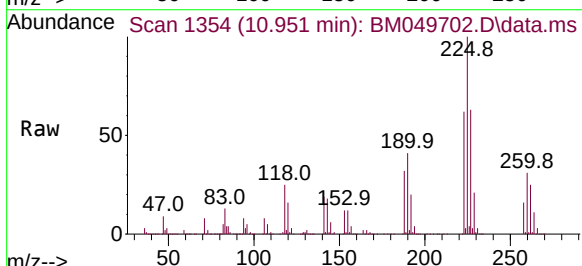
Tgt Ion:225 Resp: 1966775

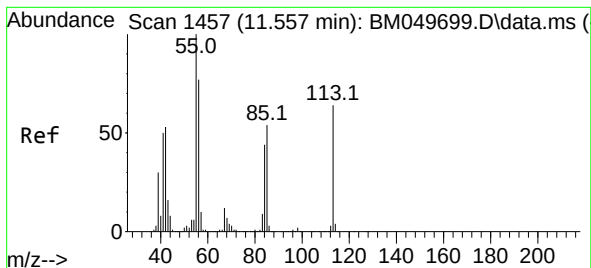
Ion Ratio Lower Upper

225 100

223 62.4 49.4 74.0

227 63.2 51.0 76.6





#35

Caprolactam

Concen: 74.414 ng

RT: 11.592 min Scan# 1457

Delta R.T. 0.035 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

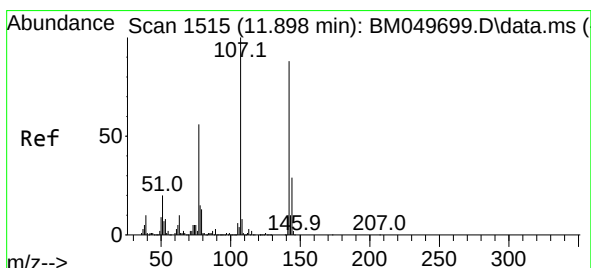
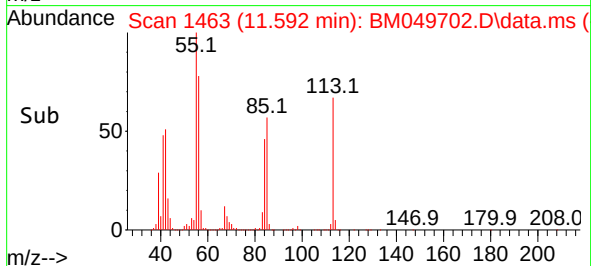
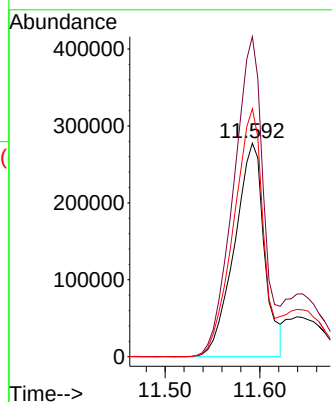
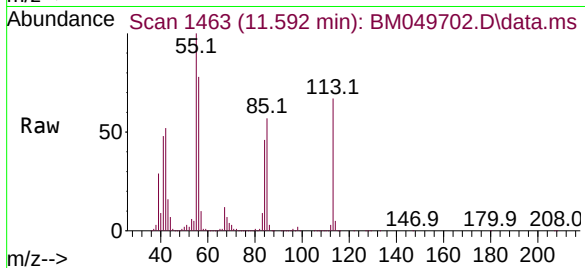
Tgt Ion:113 Resp: 608570

Ion Ratio Lower Upper

113 100

55 149.9 136.4 176.4

56 116.2 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 91.954 ng

RT: 11.904 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

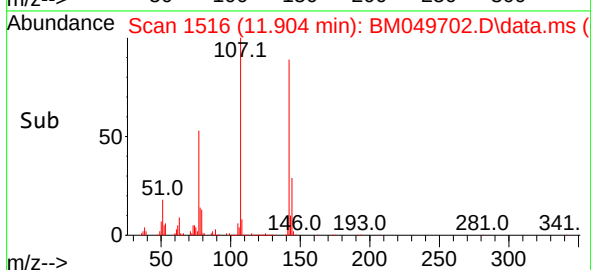
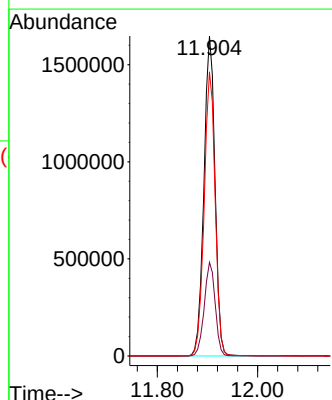
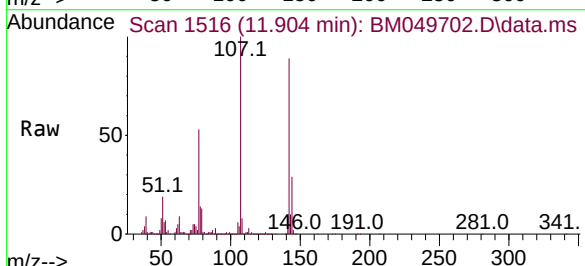
Tgt Ion:107 Resp: 2525217

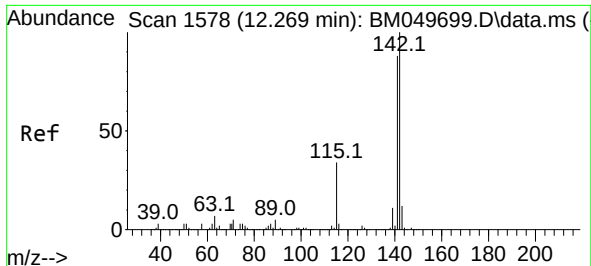
Ion Ratio Lower Upper

107 100

144 29.3 23.1 34.7

142 88.8 70.7 106.1

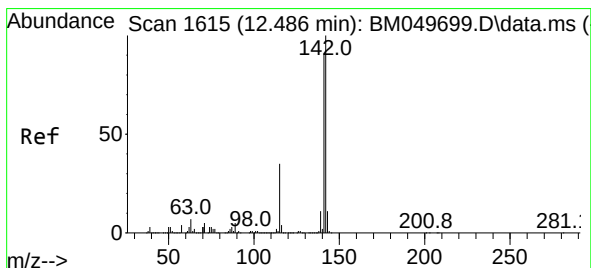
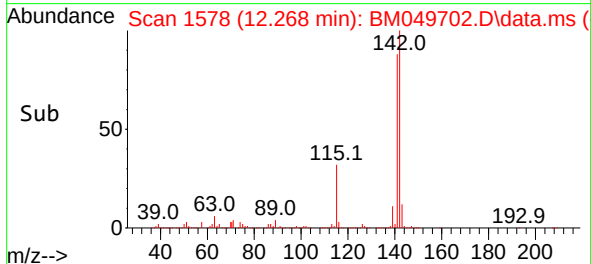
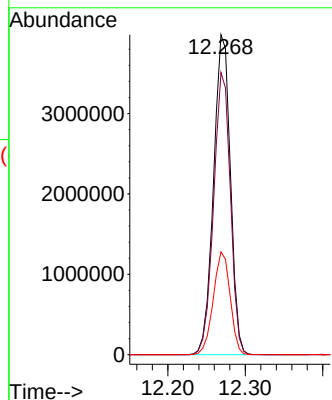
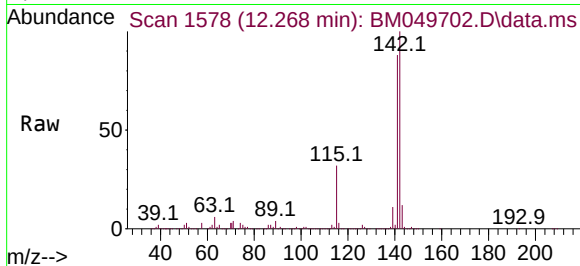




#37  
2-Methylnaphthalene  
Concen: 89.192 ng  
RT: 12.268 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

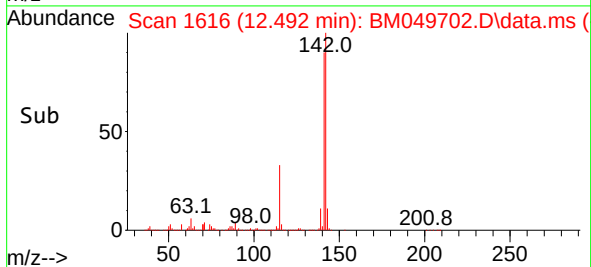
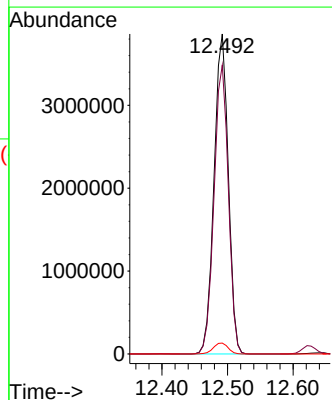
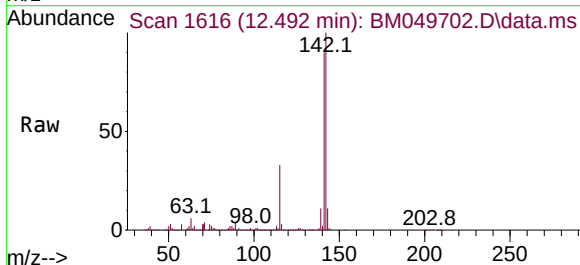
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

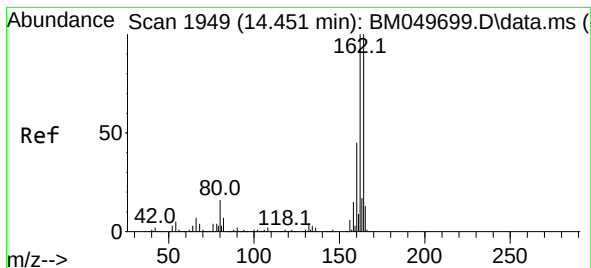
Tgt Ion:142 Resp: 6012872  
Ion Ratio Lower Upper  
142 100  
141 88.1 70.6 106.0  
115 32.1 27.0 40.4



#38  
1-Methylnaphthalene  
Concen: 88.886 ng  
RT: 12.492 min Scan# 1616  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:142 Resp: 5815526  
Ion Ratio Lower Upper  
142 100  
141 90.2 72.6 109.0  
116 3.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

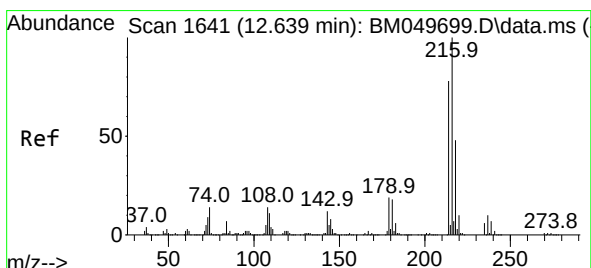
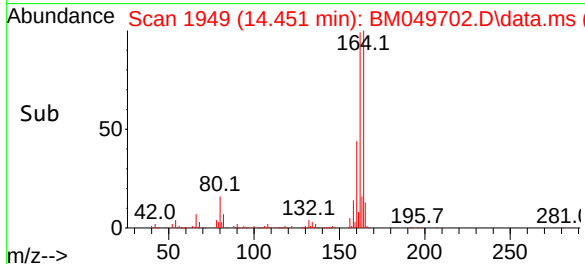
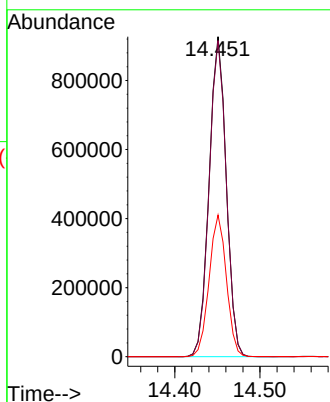
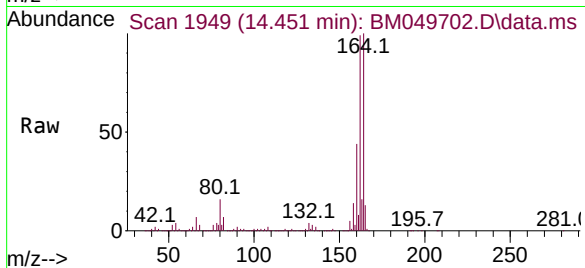
Tgt Ion:164 Resp: 1299306

Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.8

160 44.3 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 87.780 ng

RT: 12.639 min Scan# 1641

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Tgt Ion:216 Resp: 3968328

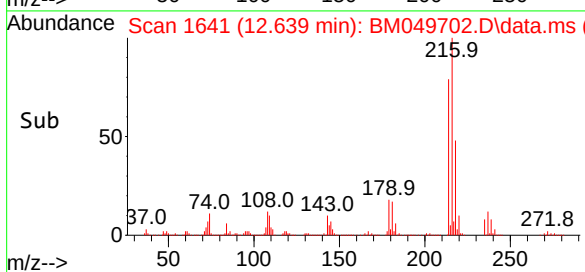
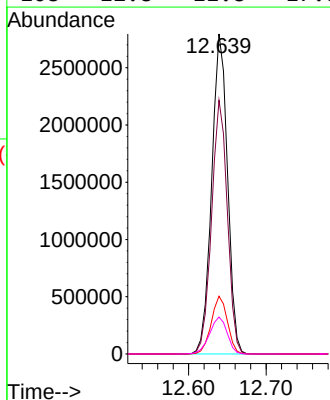
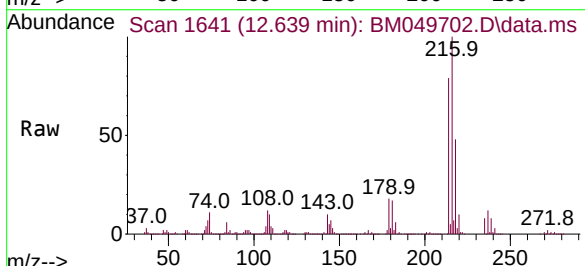
Ion Ratio Lower Upper

216 100

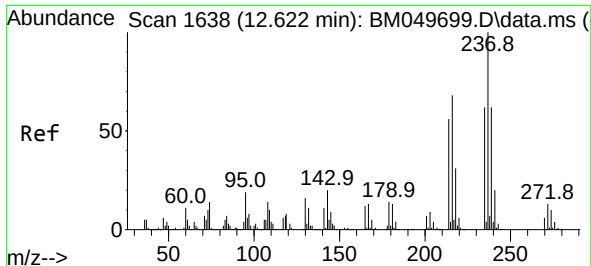
214 78.8 63.2 94.8

179 18.4 15.6 23.4

108 12.8 11.8 17.8



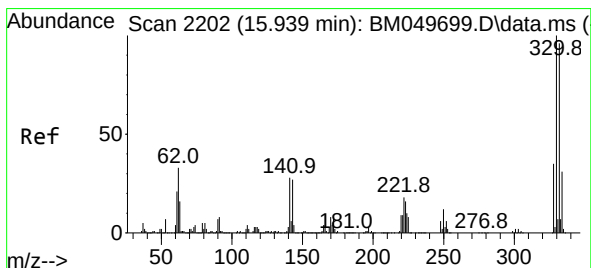
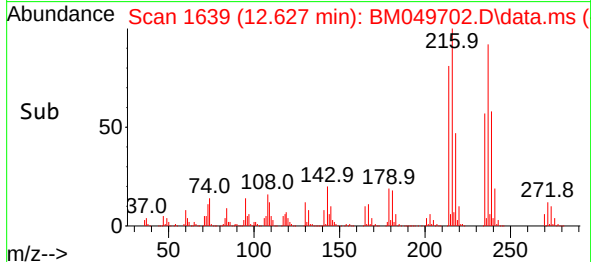
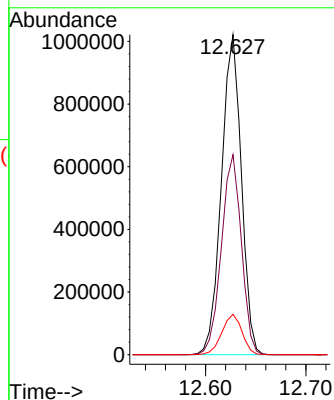
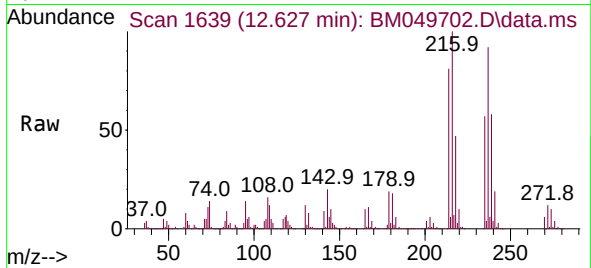




#41  
Hexachlorocyclopentadiene  
Concen: 86.211 ng  
RT: 12.627 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

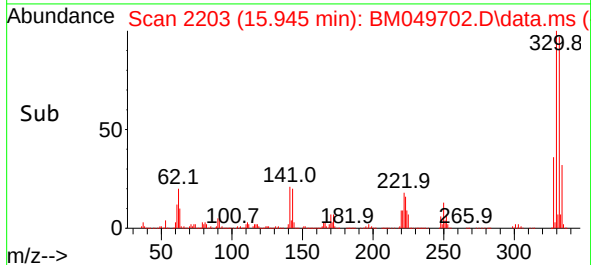
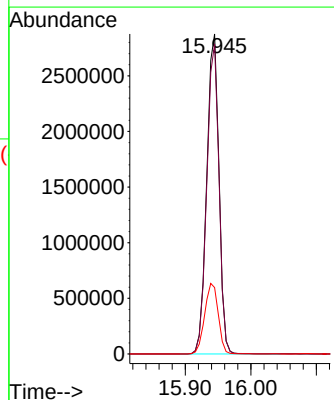
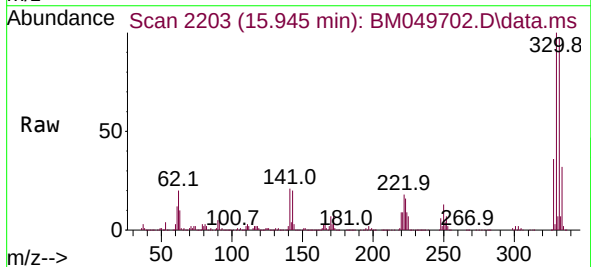
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

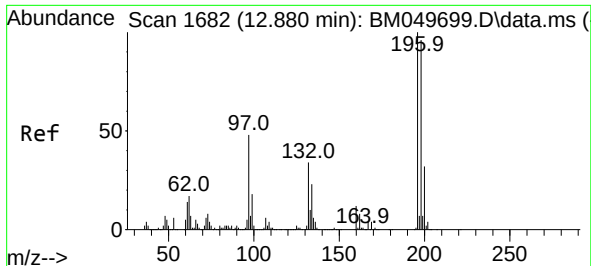
Tgt Ion:237 Resp: 1405723  
Ion Ratio Lower Upper  
237 100  
235 62.5 41.8 81.8  
272 12.6 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 195.359 ng  
RT: 15.945 min Scan# 2203  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:330 Resp: 3735573  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.2 115.8  
141 24.5 25.4 38.0#

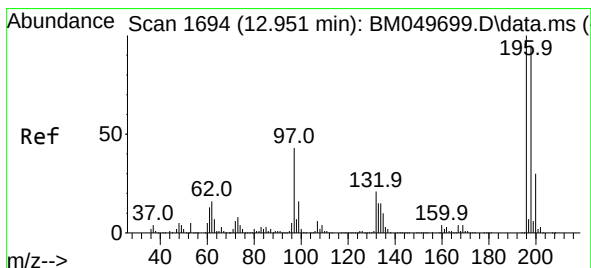
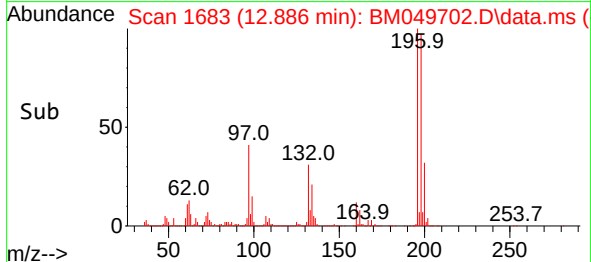
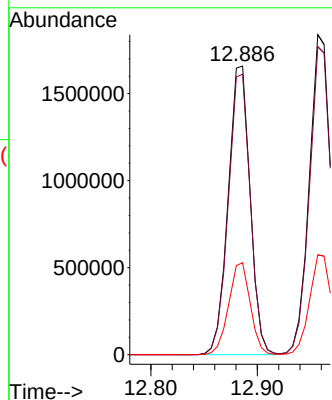
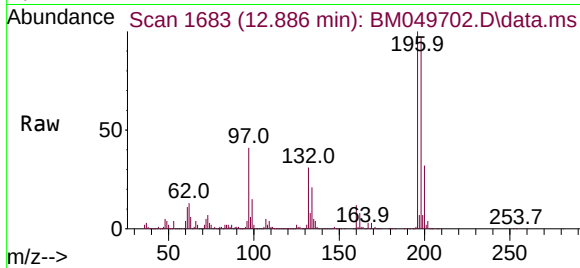




#43  
2,4,6-Trichlorophenol  
Concen: 90.157 ng  
RT: 12.886 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

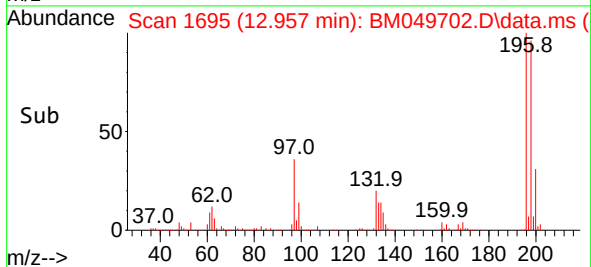
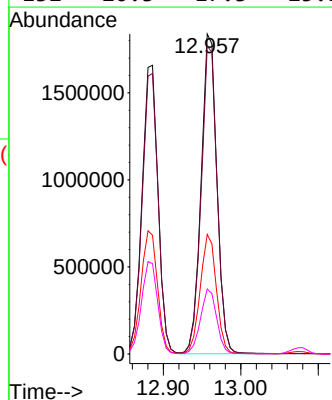
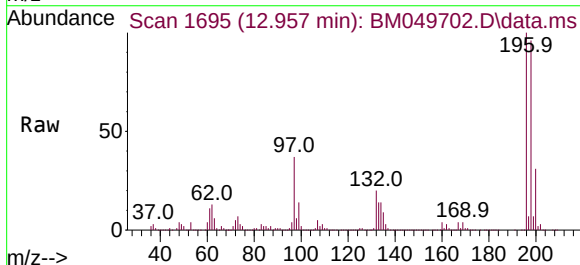
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

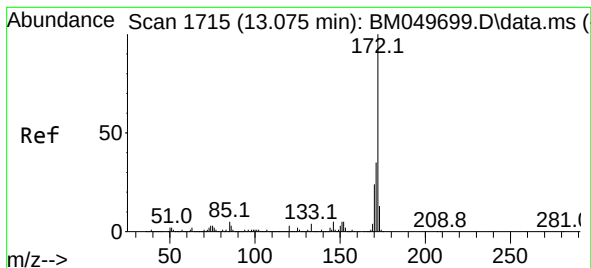
Tgt Ion:196 Resp: 2383722  
Ion Ratio Lower Upper  
196 100  
198 97.1 77.1 115.7  
200 31.9 25.5 38.3



#44  
2,4,5-Trichlorophenol  
Concen: 89.672 ng  
RT: 12.957 min Scan# 1695  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:196 Resp: 2611335  
Ion Ratio Lower Upper  
196 100  
198 96.3 75.8 113.8  
97 37.3 34.1 51.1  
132 20.3 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 147.225 ng

RT: 13.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

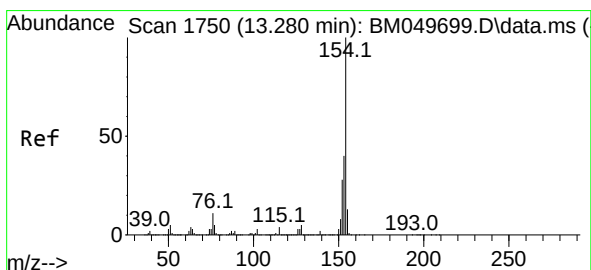
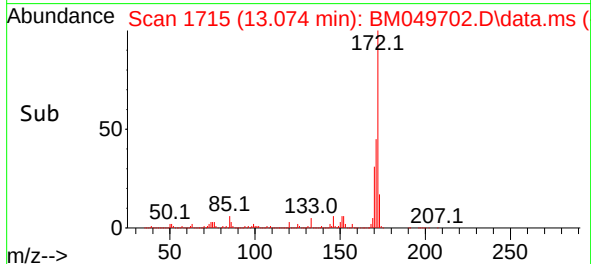
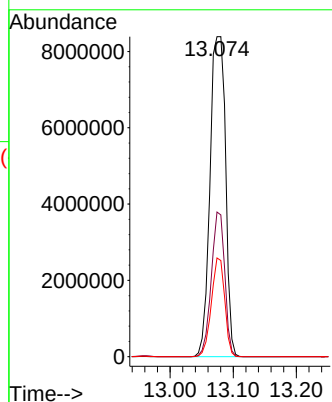
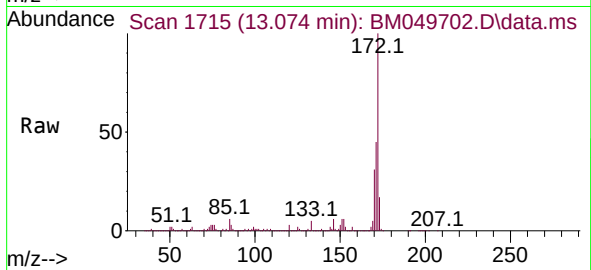
Tgt Ion:172 Resp:14313299

Ion Ratio Lower Upper

172 100

171 45.2 28.0 42.0#

170 30.9 18.8 28.2#



#46

1,1'-Biphenyl

Concen: 83.380 ng

RT: 13.286 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

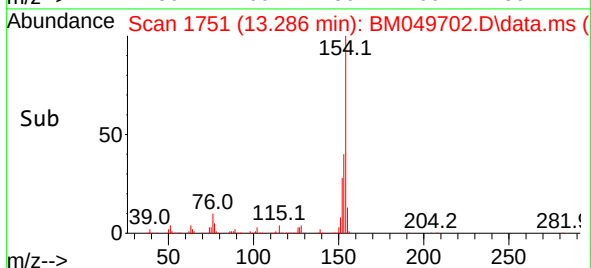
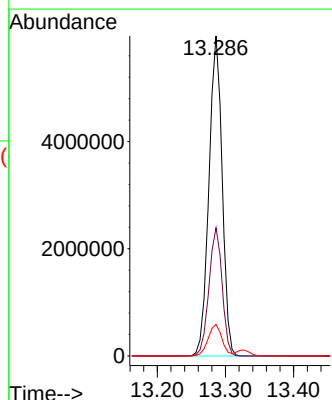
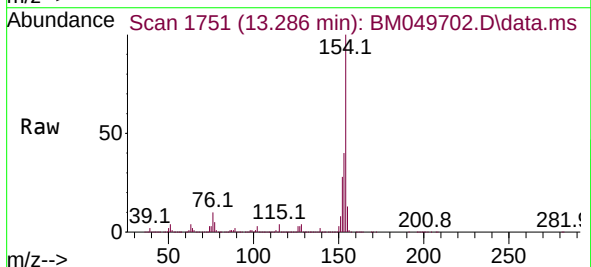
Tgt Ion:154 Resp: 8042707

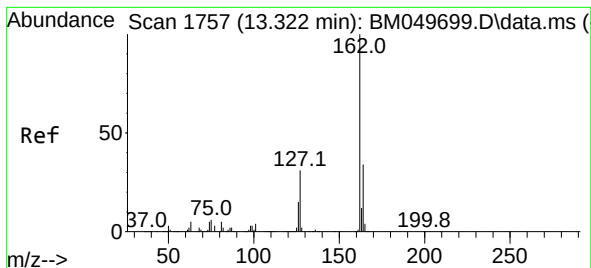
Ion Ratio Lower Upper

154 100

153 40.1 19.8 59.8

76 9.9 0.0 31.2

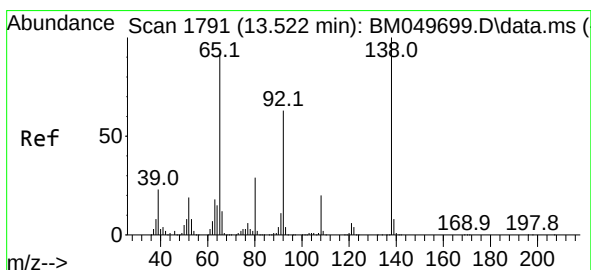
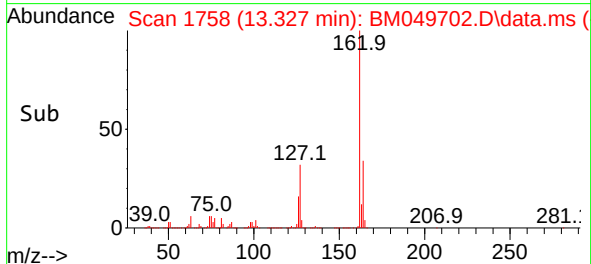
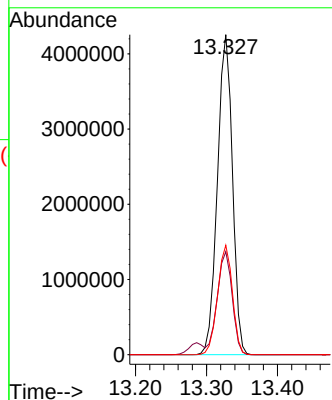
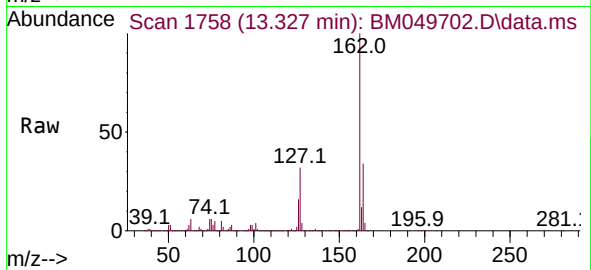




#47  
2-Chloronaphthalene  
Concen: 82.900 ng  
RT: 13.327 min Scan# 1757  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

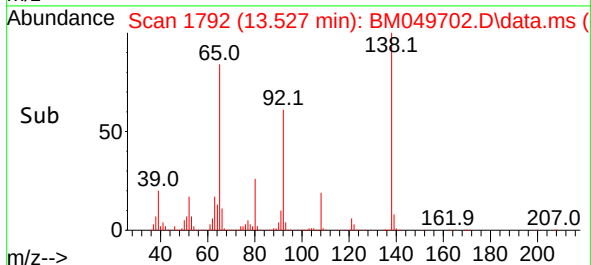
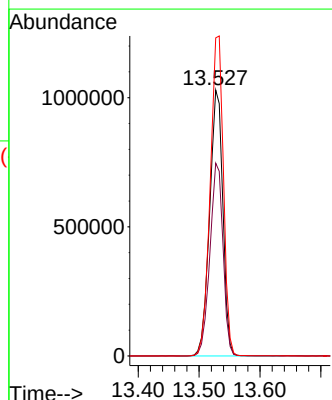
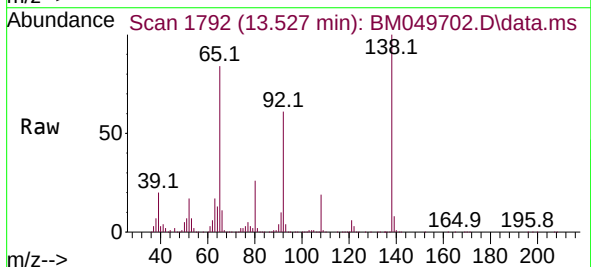
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

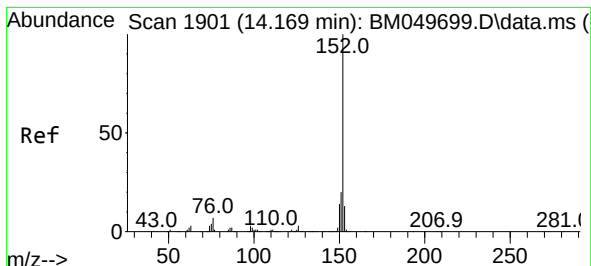
Tgt Ion:162 Resp: 6227004  
Ion Ratio Lower Upper  
162 100  
127 32.2 26.2 39.2  
164 34.2 27.0 40.4



#48  
2-Nitroaniline  
Concen: 86.445 ng  
RT: 13.527 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion: 65 Resp: 1553511  
Ion Ratio Lower Upper  
65 100  
92 72.5 54.4 81.6  
138 119.6 87.0 130.4





#49

Acenaphthylene

Concen: 86.339 ng

RT: 14.174 min Scan# 1901

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

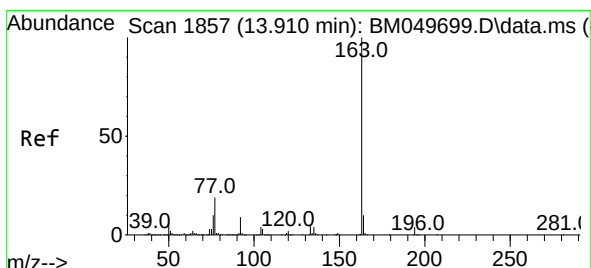
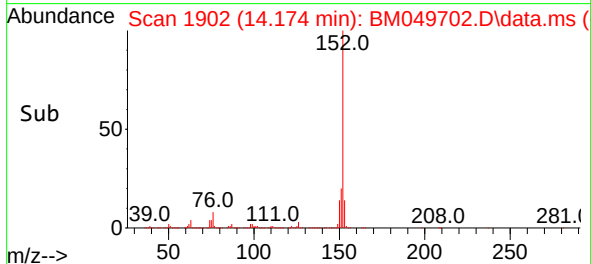
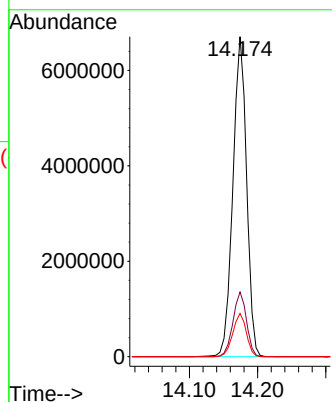
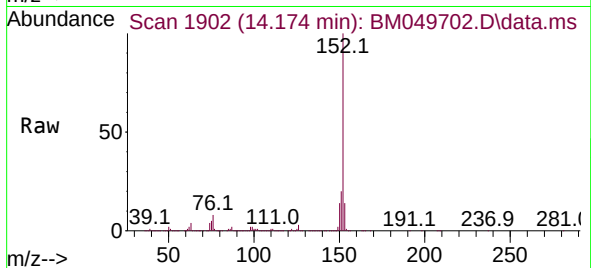
Tgt Ion:152 Resp: 9367851

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.5 10.7 16.1



#50

Dimethylphthalate

Concen: 86.742 ng

RT: 13.915 min Scan# 1858

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

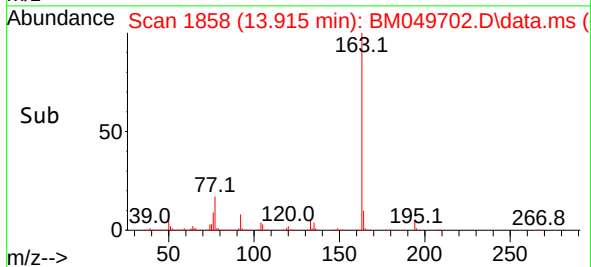
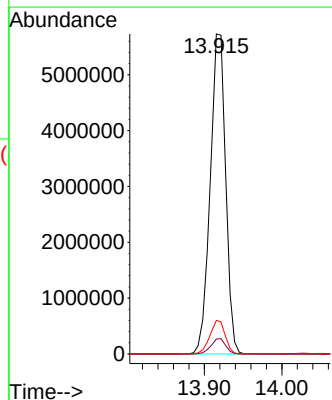
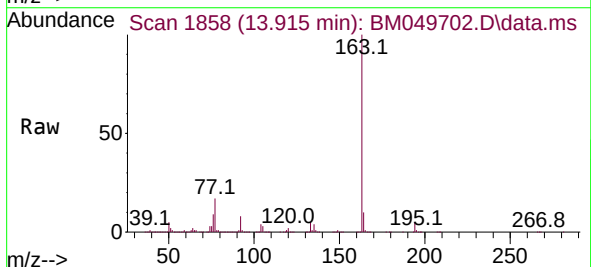
Tgt Ion:163 Resp: 7933025

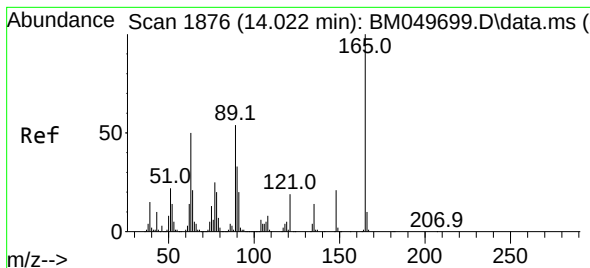
Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

164 10.5 8.2 12.2

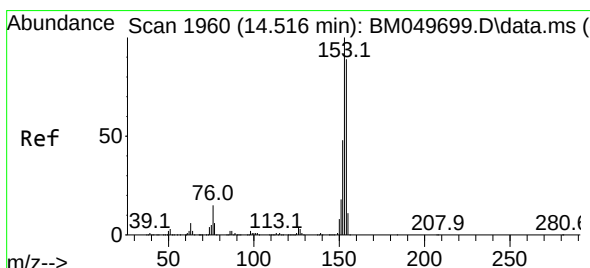
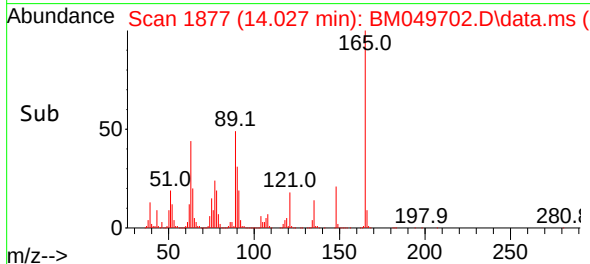
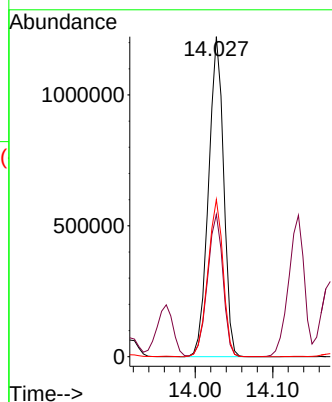
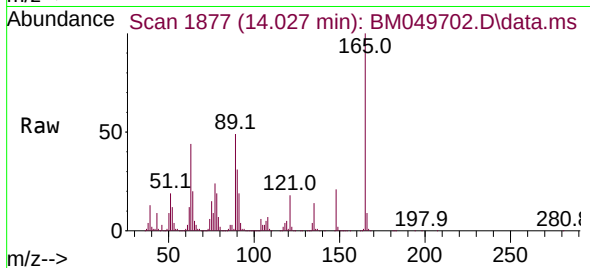




#51  
2,6-Dinitrotoluene  
Concen: 89.459 ng  
RT: 14.027 min Scan# 1876  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

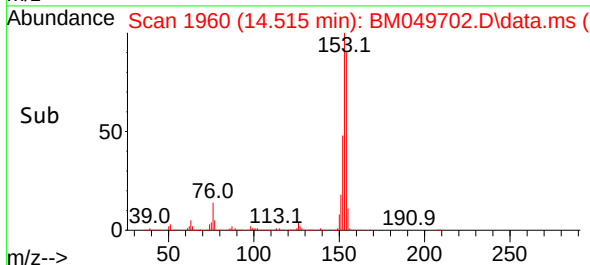
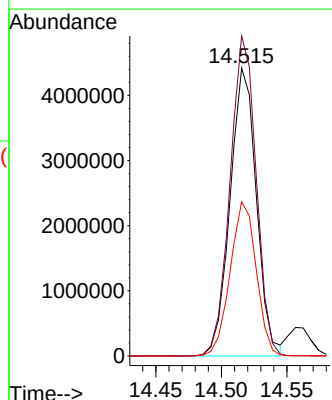
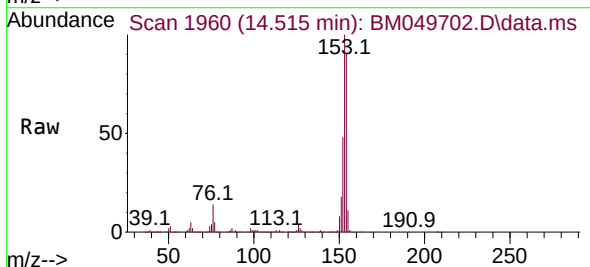
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

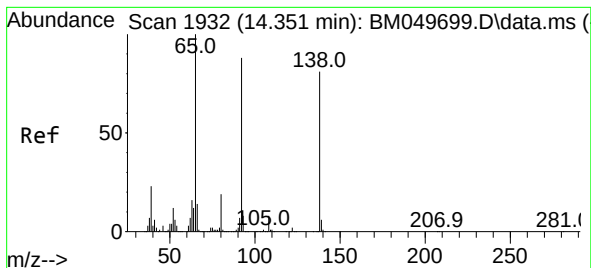
Tgt Ion:165 Resp: 1651206  
Ion Ratio Lower Upper  
165 100  
63 44.5 41.1 61.7  
89 49.1 42.9 64.3



#52  
Acenaphthene  
Concen: 86.343 ng  
RT: 14.515 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:154 Resp: 6168554  
Ion Ratio Lower Upper  
154 100  
153 111.2 89.7 134.5  
152 53.6 43.2 64.8

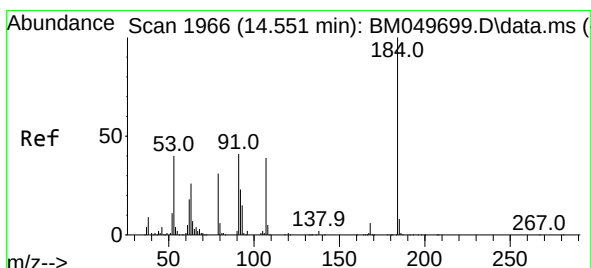
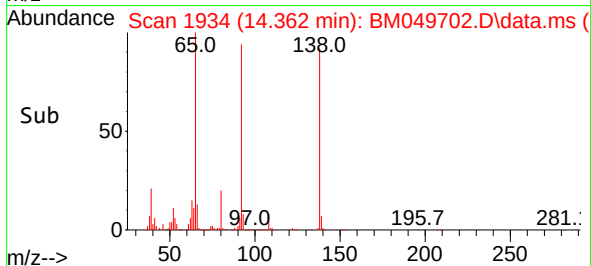
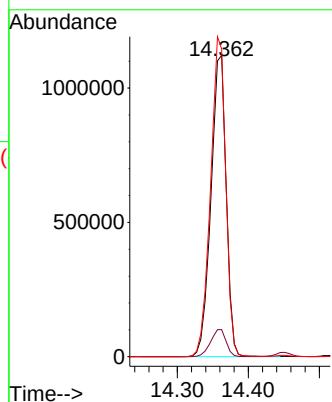
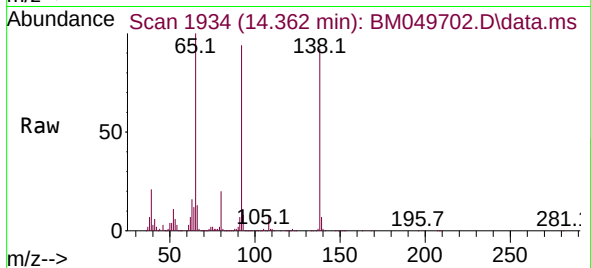




#53  
3-Nitroaniline  
Concen: 92.741 ng  
RT: 14.362 min Scan# 1932  
Delta R.T. 0.012 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

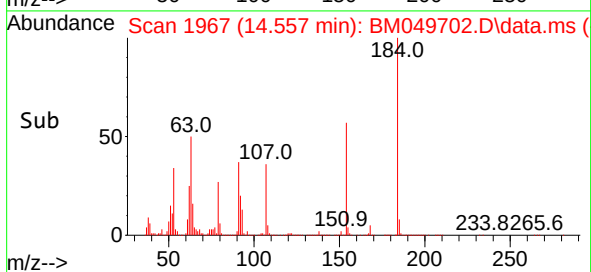
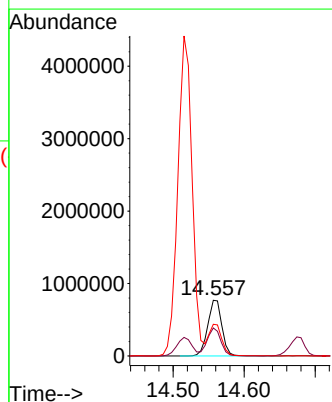
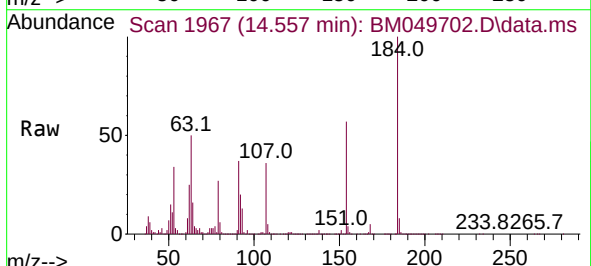
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

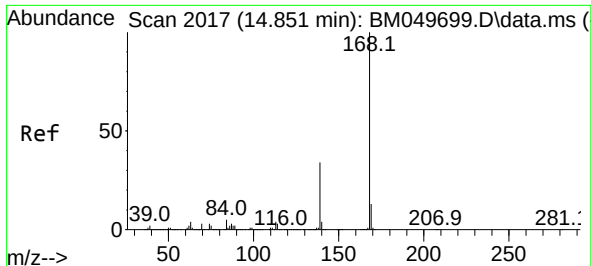
Tgt Ion:138 Resp: 1672752  
Ion Ratio Lower Upper  
138 100  
108 9.0 7.4 11.2  
92 102.1 86.9 130.3



#54  
2,4-Dinitrophenol  
Concen: 79.582 ng  
RT: 14.557 min Scan# 1967  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:184 Resp: 1066244  
Ion Ratio Lower Upper  
184 100  
63 50.3 47.0 70.4  
154 56.9 47.7 71.5

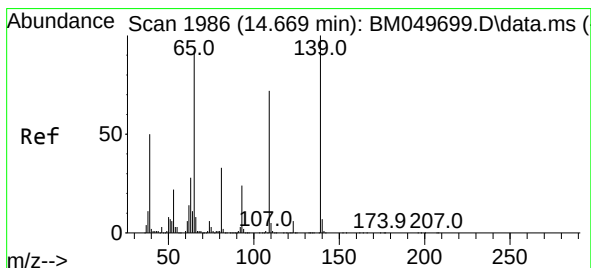
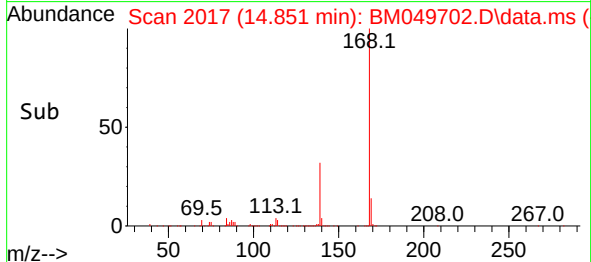
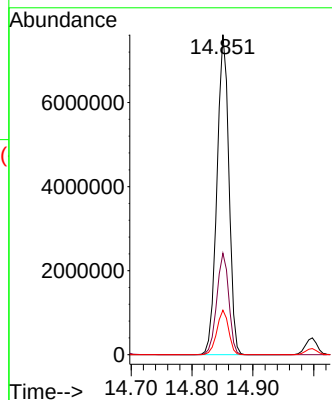
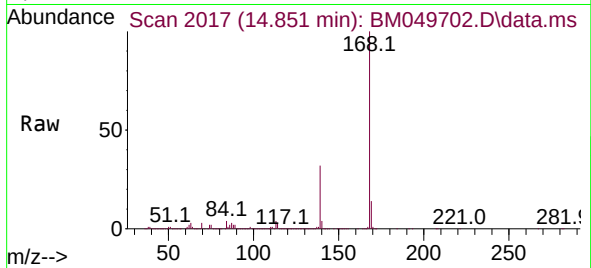




#55  
Dibenzofuran  
Concen: 86.356 ng  
RT: 14.851 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

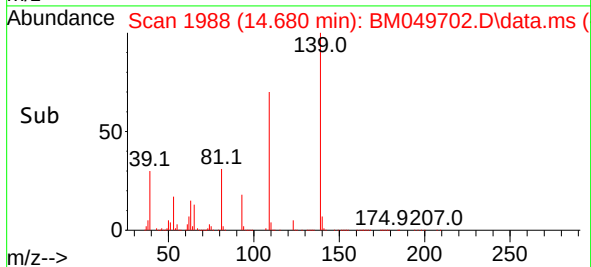
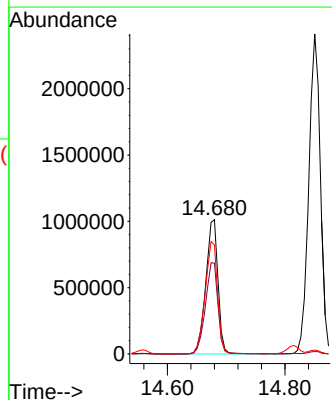
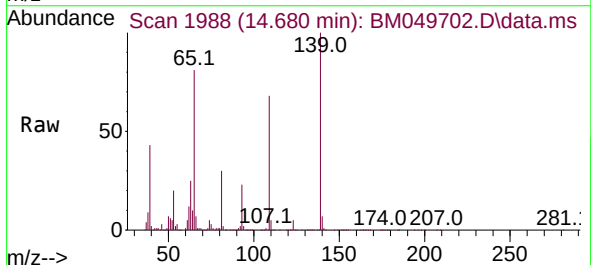
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion:168 Resp:10326226  
Ion Ratio Lower Upper  
168 100  
139 31.7 26.8 40.2  
169 13.9 10.6 16.0

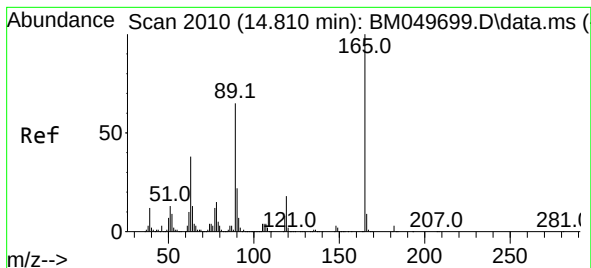


#56  
4-Nitrophenol  
Concen: 92.606 ng  
RT: 14.680 min Scan# 1986  
Delta R.T. 0.011 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:139 Resp: 1467222  
Ion Ratio Lower Upper  
139 100  
109 67.7 51.7 91.7  
65 81.2 72.5 112.5



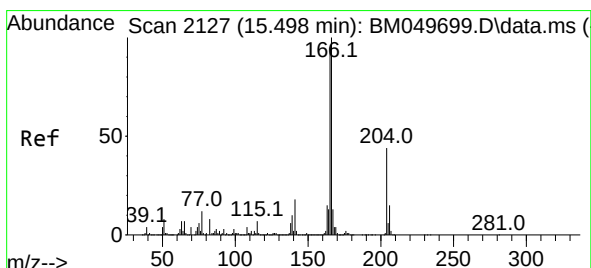
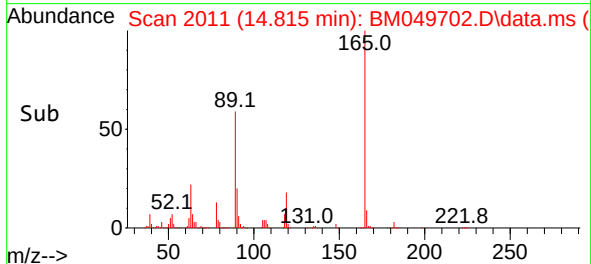
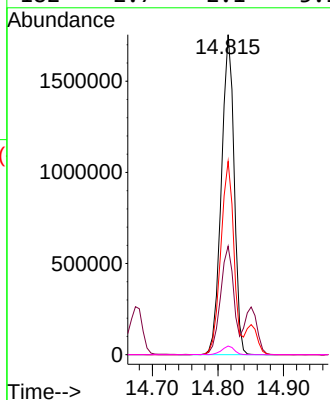
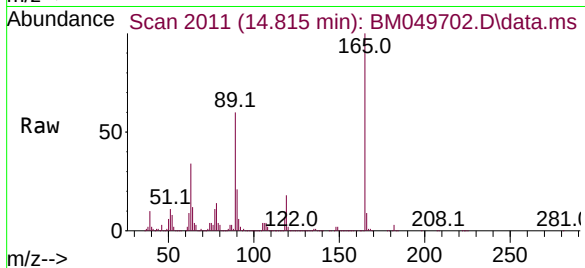




#57  
2,4-Dinitrotoluene  
Concen: 95.893 ng  
RT: 14.815 min Scan# 2011  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

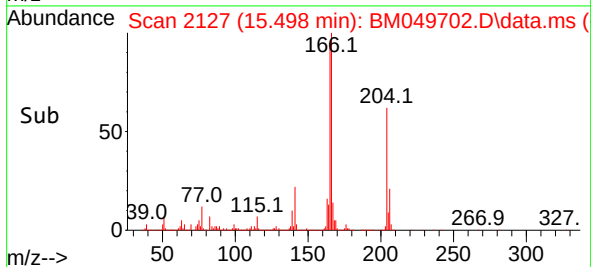
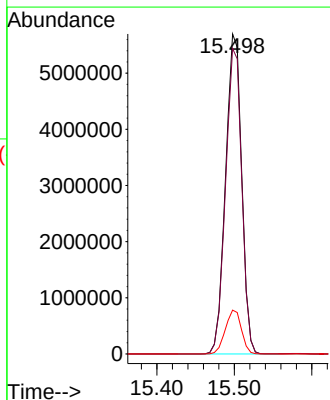
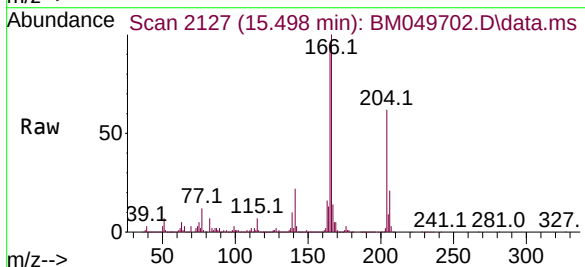
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

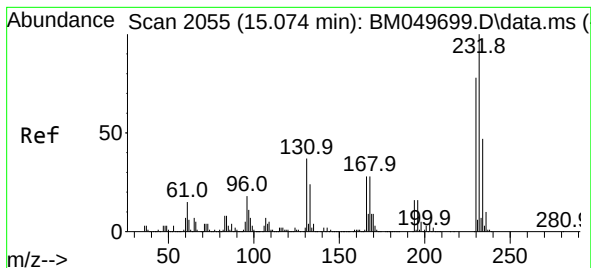
Tgt Ion:165 Resp: 2359092  
Ion Ratio Lower Upper  
165 100  
63 33.9 30.3 45.5  
89 60.4 51.8 77.6  
182 2.7 2.1 3.1



#58  
Fluorene  
Concen: 83.541 ng  
RT: 15.498 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:166 Resp: 8233121  
Ion Ratio Lower Upper  
166 100  
165 95.4 76.3 114.5  
167 13.7 10.7 16.1

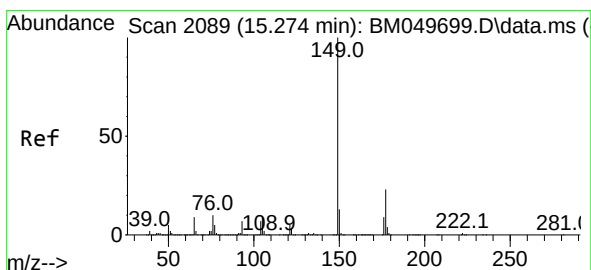
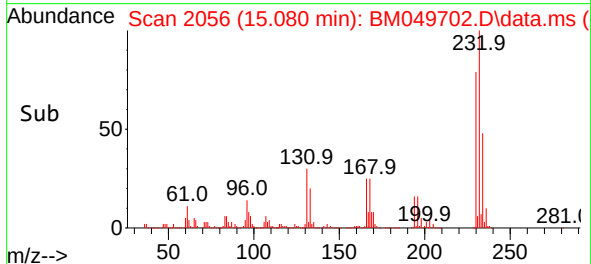
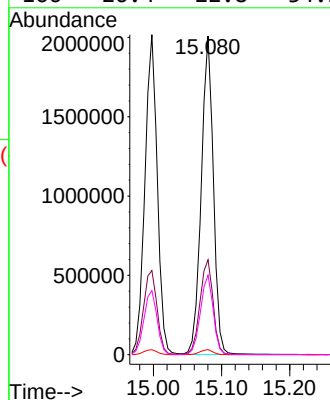
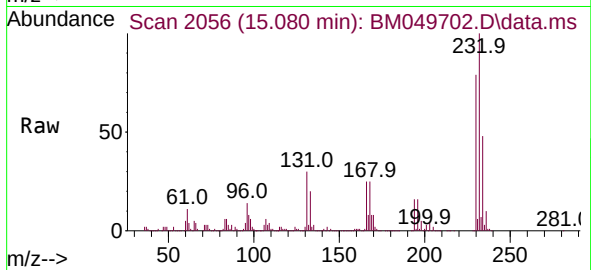




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 97.780 ng  
RT: 15.080 min Scan# 2055  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

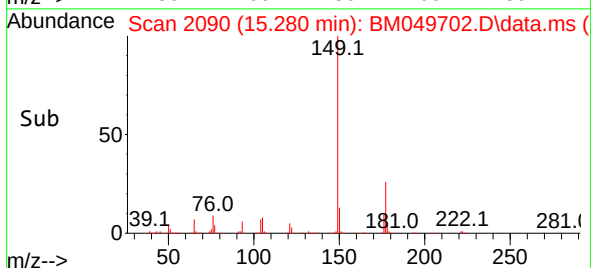
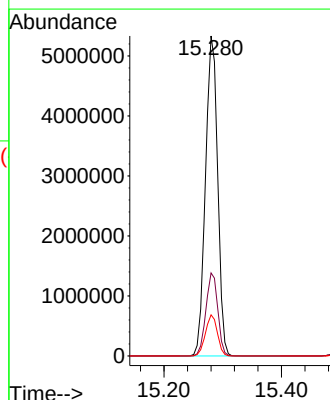
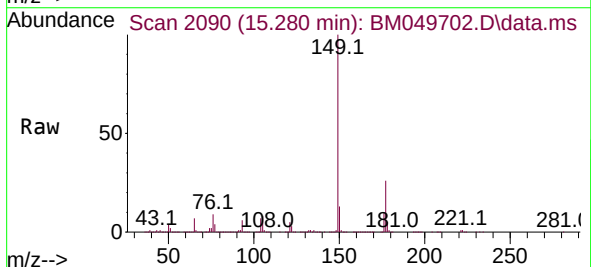
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

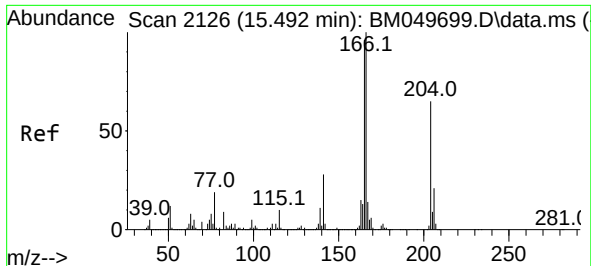
Tgt Ion:232 Resp: 2481405  
Ion Ratio Lower Upper  
232 100  
131 32.4 29.5 44.3  
130 1.7 1.6 2.4  
166 26.4 22.8 34.2



#60  
Diethylphthalate  
Concen: 87.177 ng  
RT: 15.280 min Scan# 2090  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:149 Resp: 7643908  
Ion Ratio Lower Upper  
149 100  
177 25.9 18.4 27.6  
150 12.9 10.0 15.0

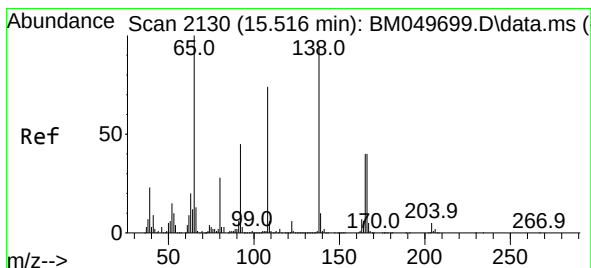
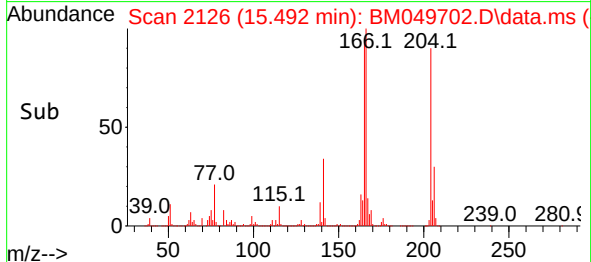
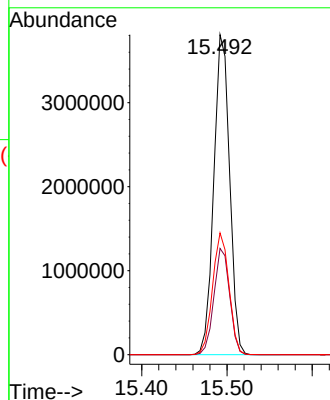
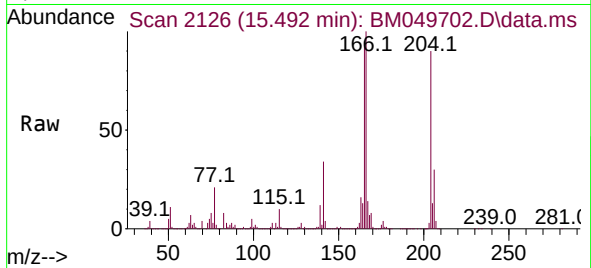




#61  
4-Chlorophenyl-phenylether  
Concen: 90.616 ng  
RT: 15.492 min Scan# 2126  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

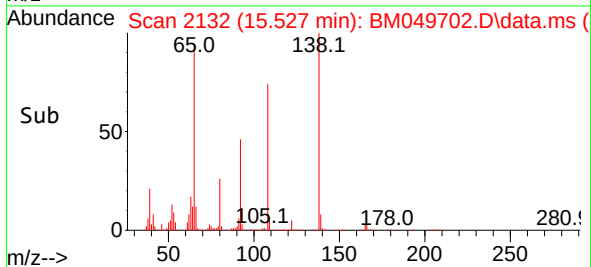
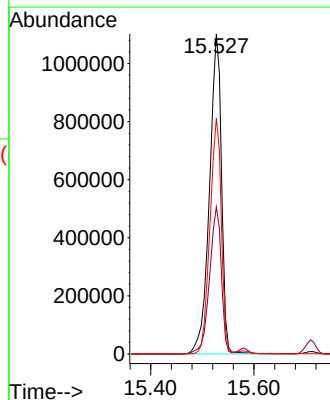
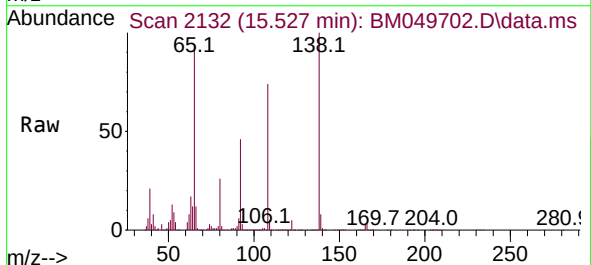
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

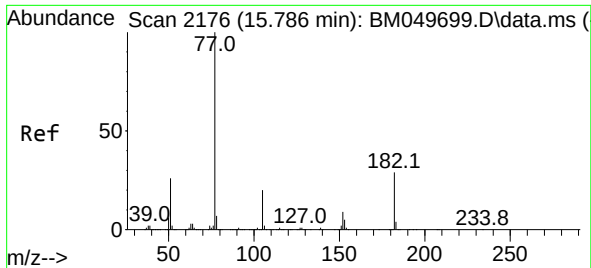
Tgt Ion:204 Resp: 4911995  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.0 39.0  
141 38.1 34.0 51.0



#62  
4-Nitroaniline  
Concen: 93.564 ng  
RT: 15.527 min Scan# 2132  
Delta R.T. 0.012 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:138 Resp: 1781780  
Ion Ratio Lower Upper  
138 100  
92 45.9 28.3 68.3  
108 73.7 58.9 98.9



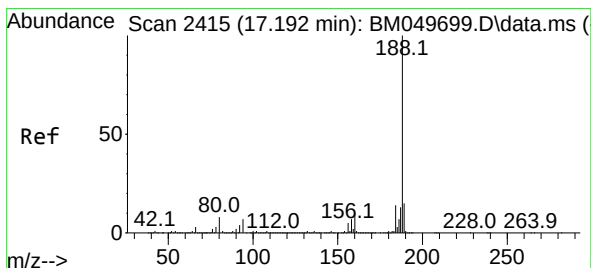
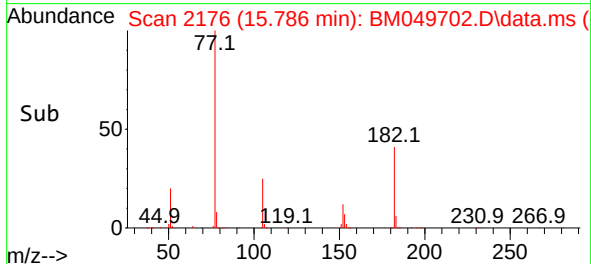
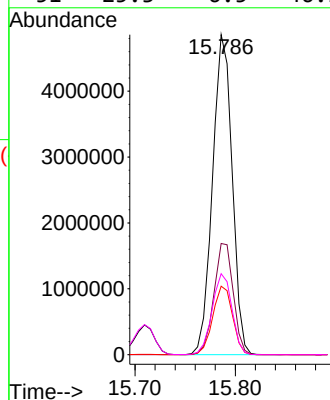
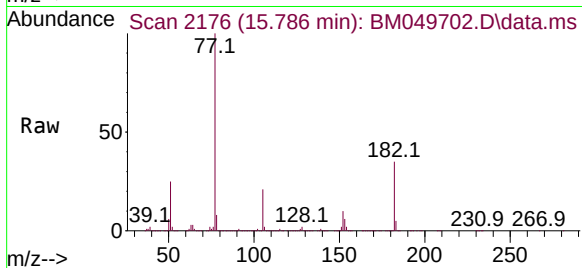


#63  
Azobenzene  
Concen: 81.076 ng  
RT: 15.786 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion: 77 Resp: 6596388

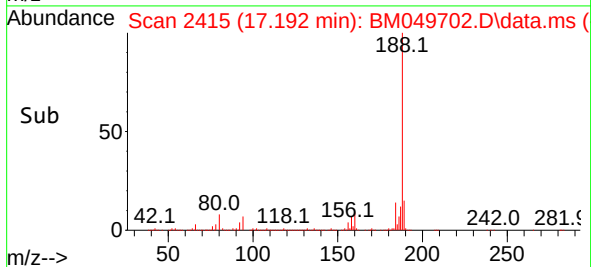
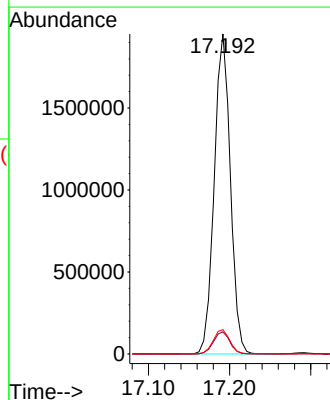
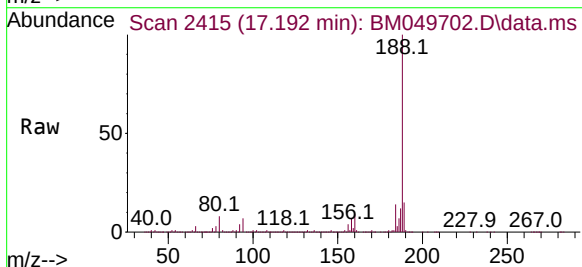
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 34.7  | 9.3   | 49.3  |
| 105 | 21.4  | 0.1   | 40.1  |
| 51  | 25.3  | 6.5   | 46.5  |

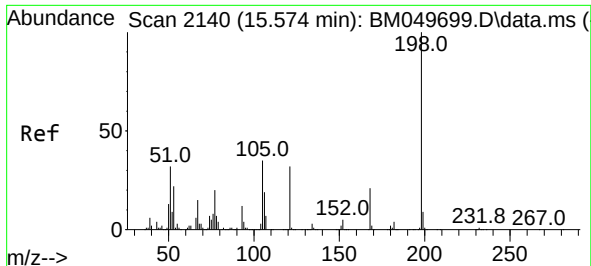


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.192 min Scan# 2415  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion: 188 Resp: 2686444

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.9   | 5.4   | 8.2   |
| 80  | 7.6   | 6.2   | 9.4   |

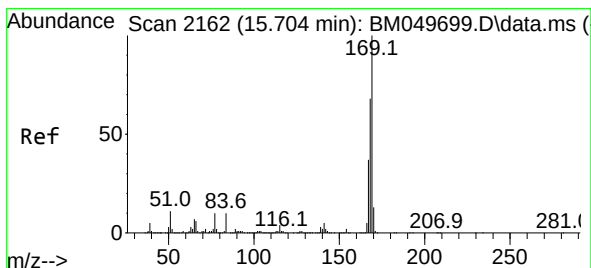
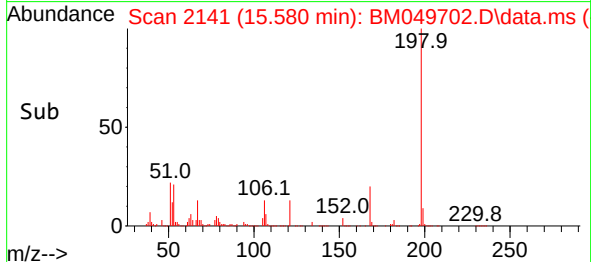
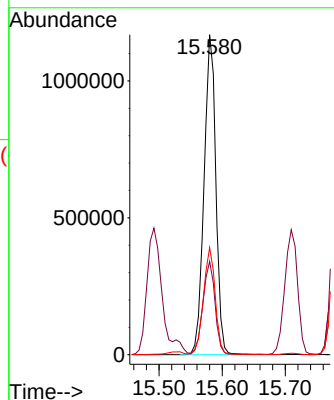
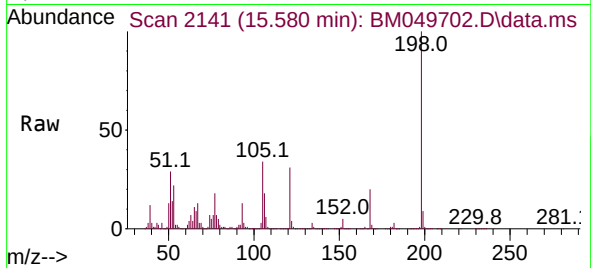




#65  
4,6-Dinitro-2-methylphenol  
Concen: 79.887 ng  
RT: 15.580 min Scan# 2141  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

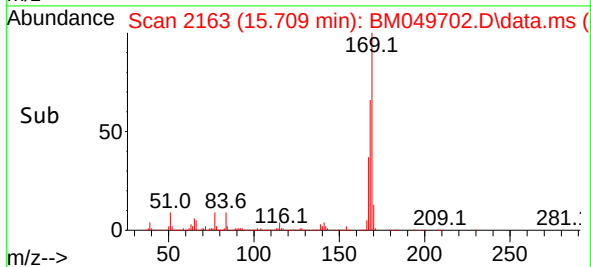
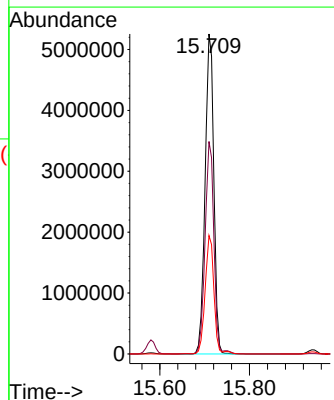
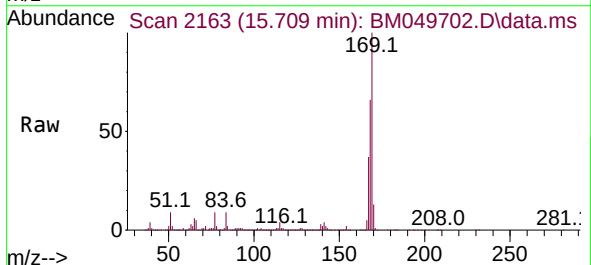
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

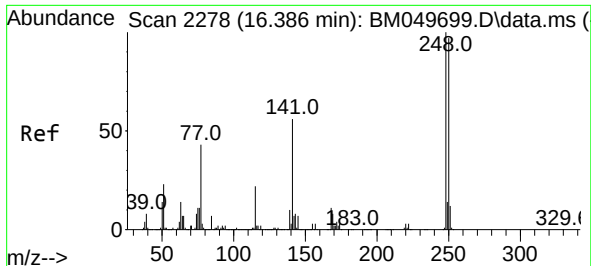
Tgt Ion:198 Resp: 1517240  
Ion Ratio Lower Upper  
198 100  
51 29.2 14.0 54.0  
105 33.5 15.2 55.2



#66  
n-Nitrosodiphenylamine  
Concen: 87.290 ng  
RT: 15.709 min Scan# 2163  
Delta R.T. 0.006 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:169 Resp: 7053248  
Ion Ratio Lower Upper  
169 100  
168 66.4 54.0 81.0  
167 37.0 29.6 44.4

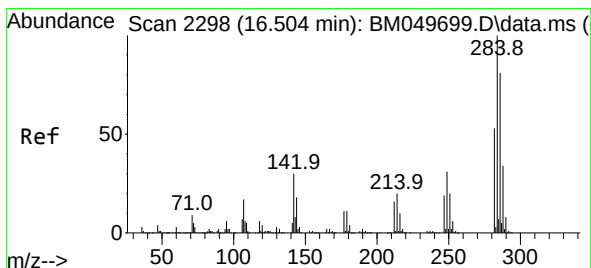
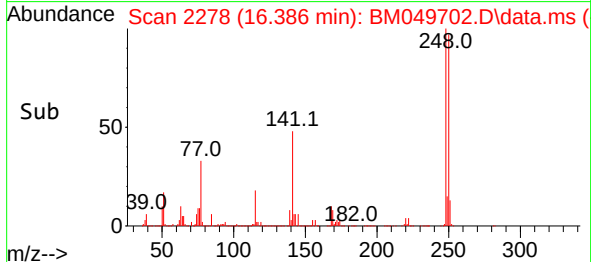
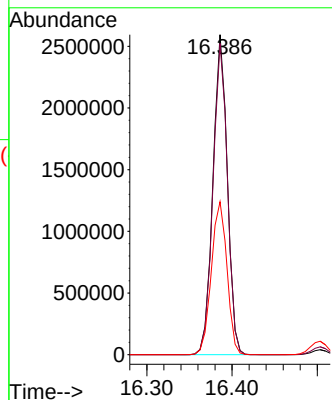
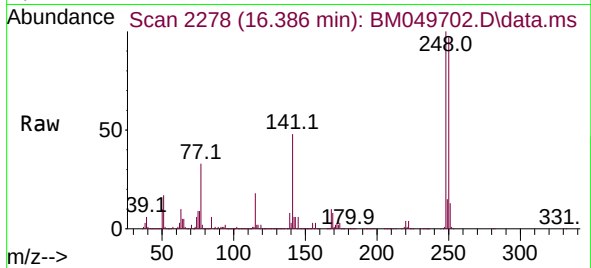




#67  
4-Bromophenyl-phenylether  
Concen: 97.675 ng  
RT: 16.386 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

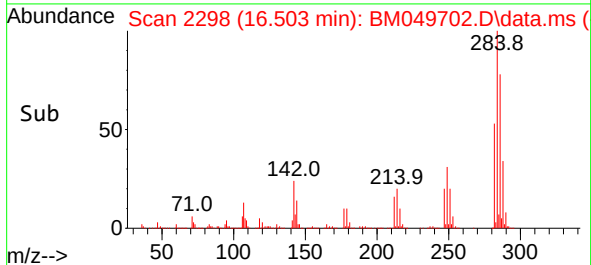
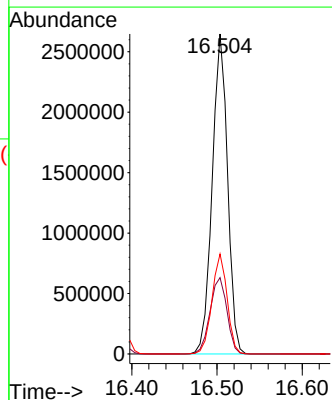
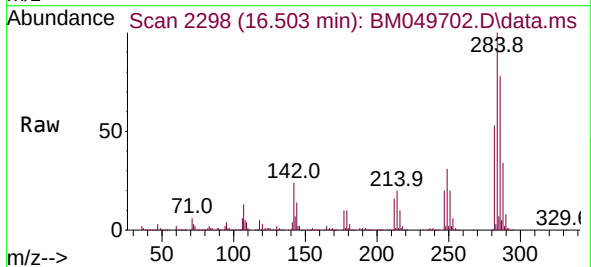
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

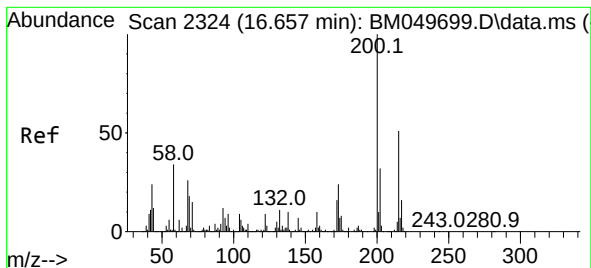
Tgt Ion:248 Resp: 3041549  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.6 116.4  
141 47.8 44.6 66.8



#68  
Hexachlorobenzene  
Concen: 94.754 ng  
RT: 16.503 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:284 Resp: 3304835  
Ion Ratio Lower Upper  
284 100  
142 23.9 23.6 35.4  
249 31.3 24.7 37.1





#69

Atrazine

Concen: 42.949 ng

RT: 16.656 min Scan# 21

Delta R.T. -0.001 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

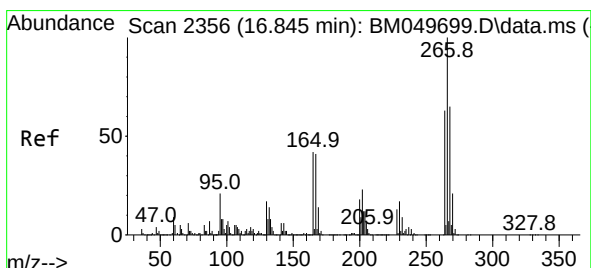
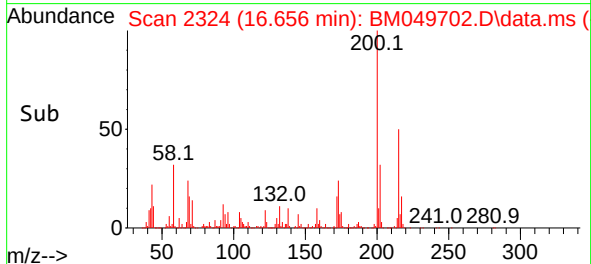
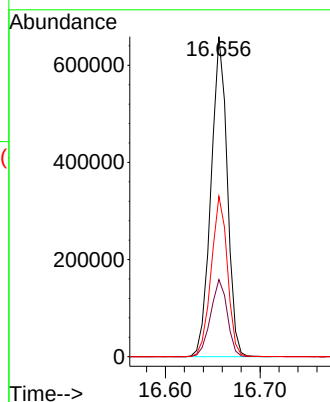
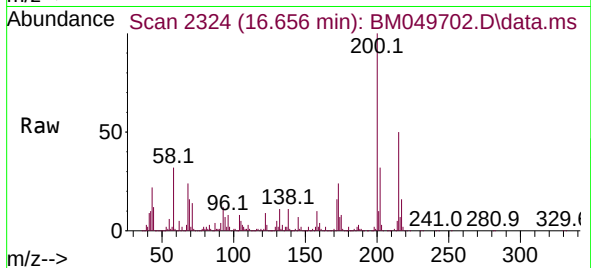
Tgt Ion:200 Resp: 782729

Ion Ratio Lower Upper

200 100

173 24.1 4.4 44.4

215 50.1 30.9 70.9



#70

Pentachlorophenol

Concen: 106.429 ng

RT: 16.845 min Scan# 2356

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

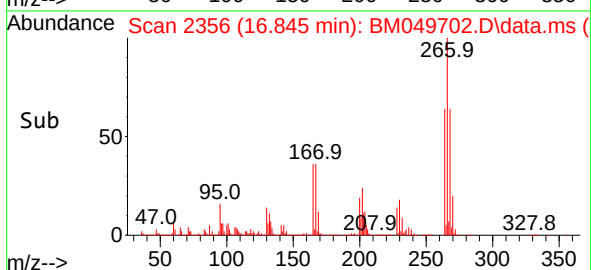
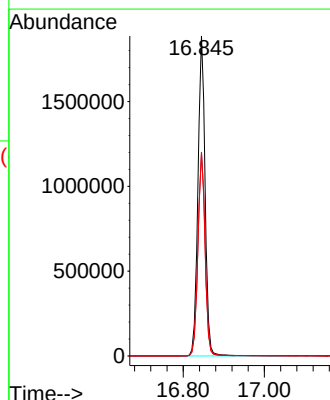
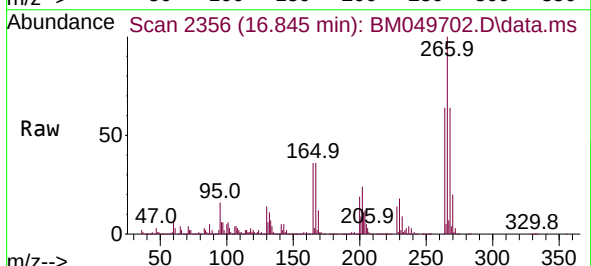
Tgt Ion:266 Resp: 2334726

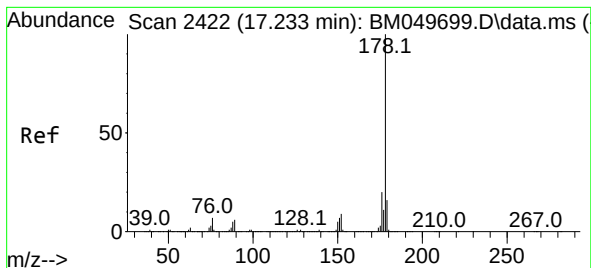
Ion Ratio Lower Upper

266 100

268 63.8 51.8 77.6

264 63.6 50.6 75.8





#71

Phenanthrene

Concen: 83.842 ng

RT: 17.233 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

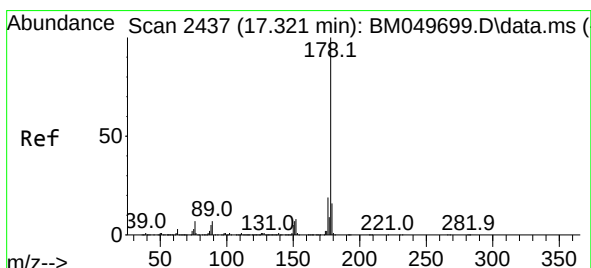
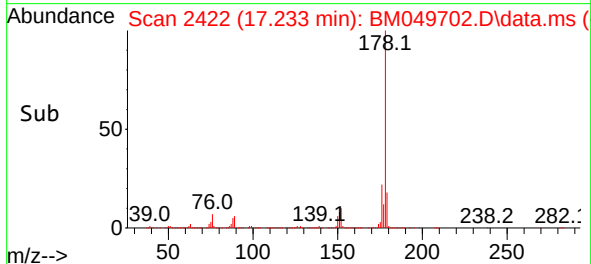
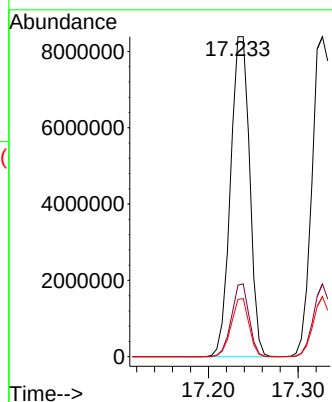
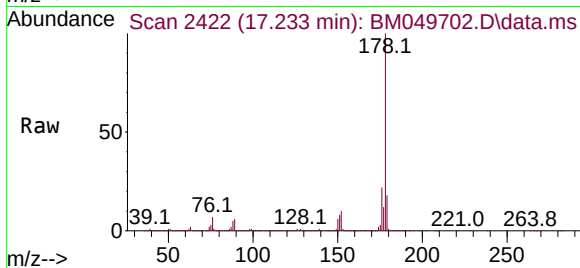
Tgt Ion:178 Resp:12385435

Ion Ratio Lower Upper

178 100

176 22.4 15.8 23.6

179 17.9 12.4 18.6



#72

Anthracene

Concen: 86.911 ng

RT: 17.327 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

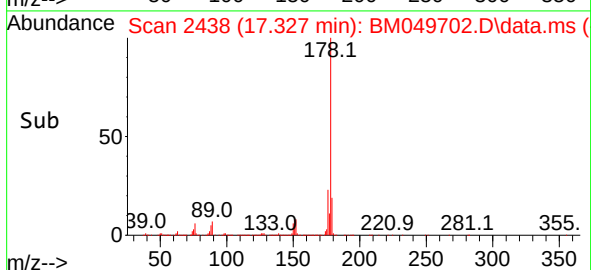
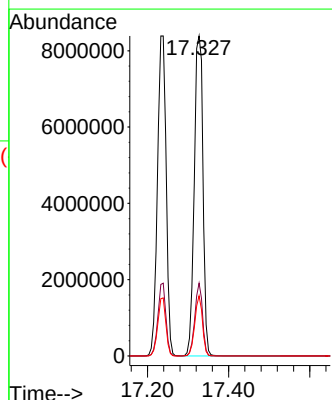
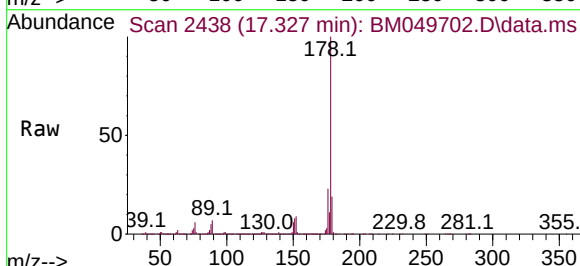
Tgt Ion:178 Resp:12544880

Ion Ratio Lower Upper

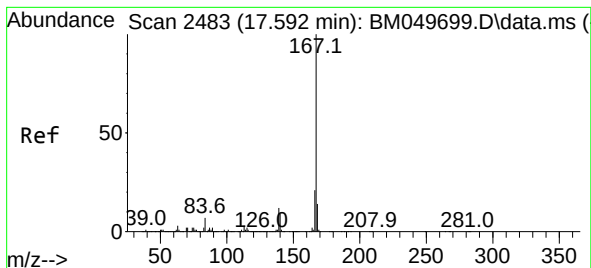
178 100

176 22.8 15.3 22.9

179 18.8 12.6 18.8







#73

Carbazole

Concen: 89.434 ng

RT: 17.598 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

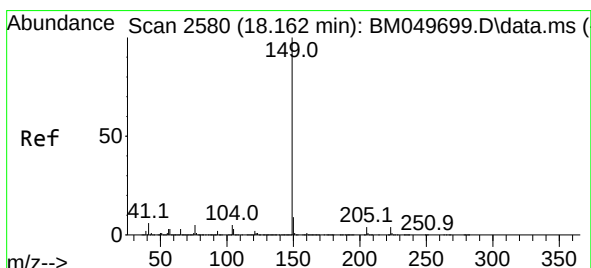
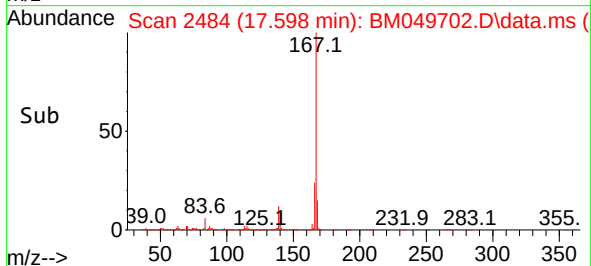
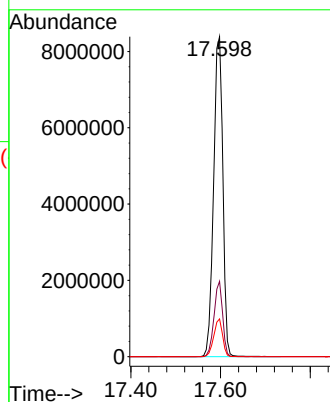
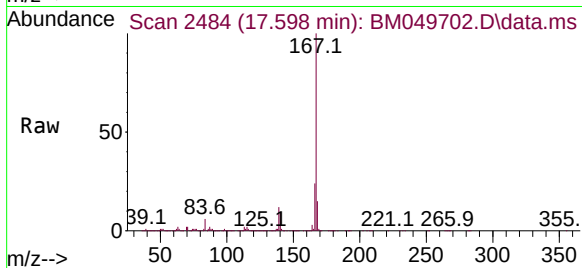
Tgt Ion:167 Resp:11953919

Ion Ratio Lower Upper

167 100

166 23.5 17.1 25.7

139 11.8 9.4 14.0



#74

Di-n-butylphthalate

Concen: 84.655 ng

RT: 18.162 min Scan# 2580

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

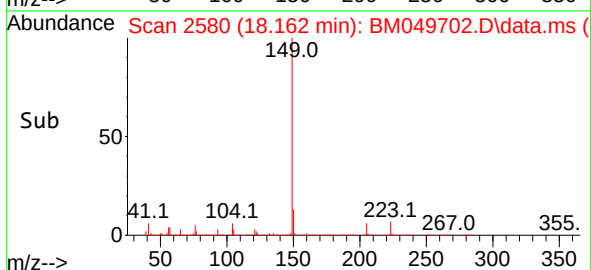
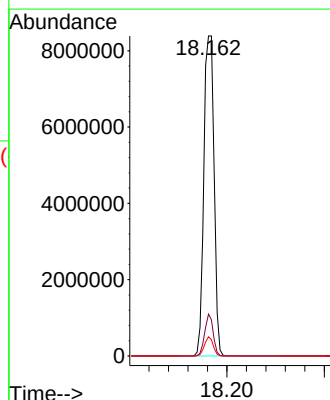
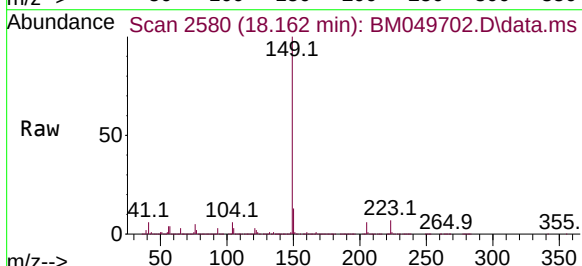
Tgt Ion:149 Resp:12179708

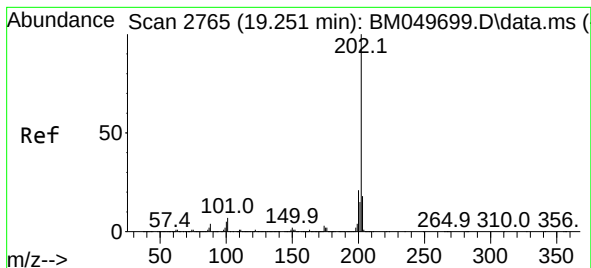
Ion Ratio Lower Upper

149 100

150 13.1 7.4 11.2#

104 6.0 3.9 5.9#





#75

Fluoranthene

Concen: 79.598 ng

RT: 19.244 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

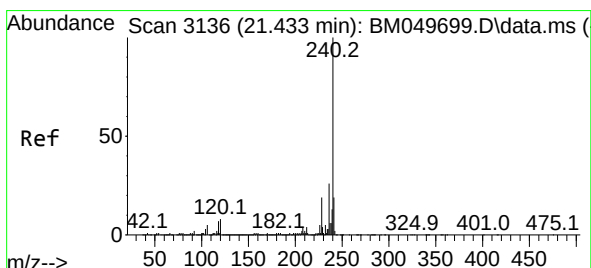
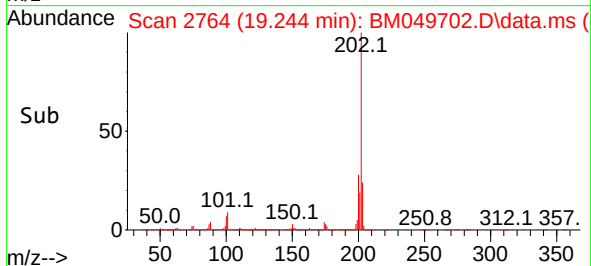
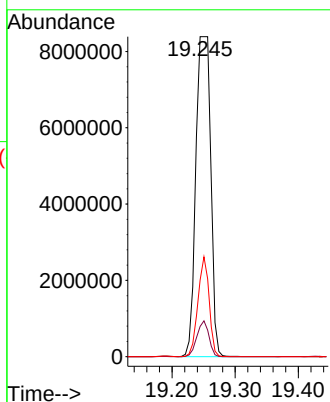
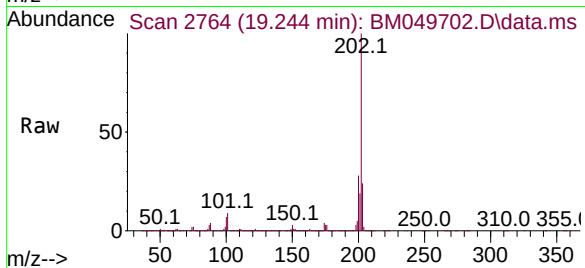
Tgt Ion:202 Resp:13736747

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.1

203 24.0 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

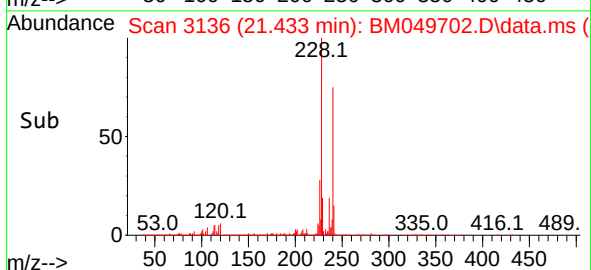
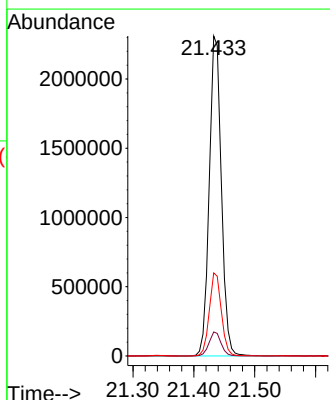
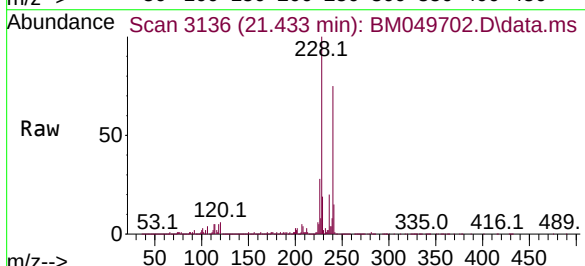
Tgt Ion:240 Resp: 3187890

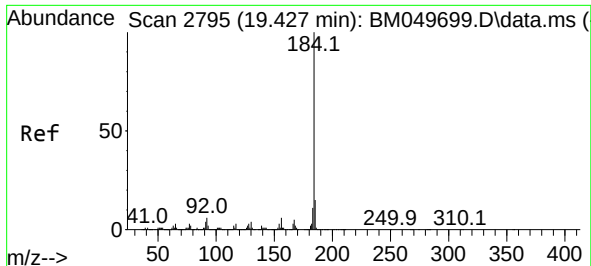
Ion Ratio Lower Upper

240 100

120 7.5 6.1 9.1

236 25.9 20.8 31.2

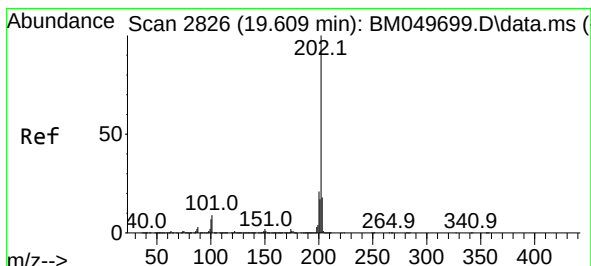
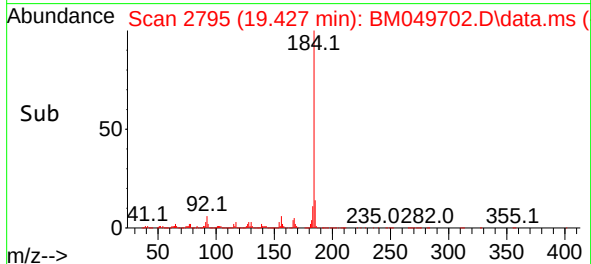
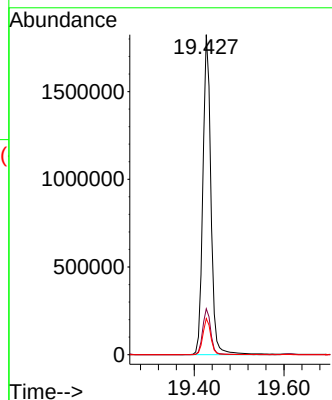
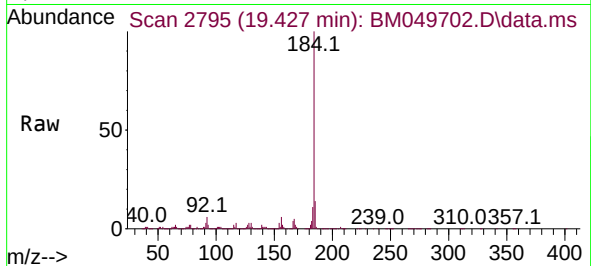




#77  
Benzidine  
Concen: 77.741 ng  
RT: 19.427 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

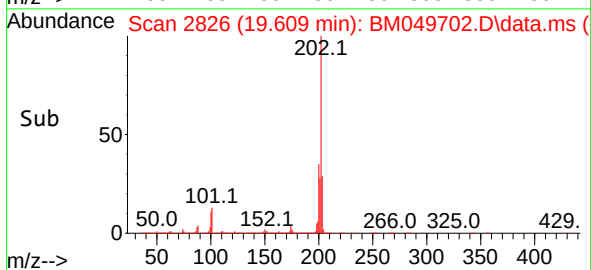
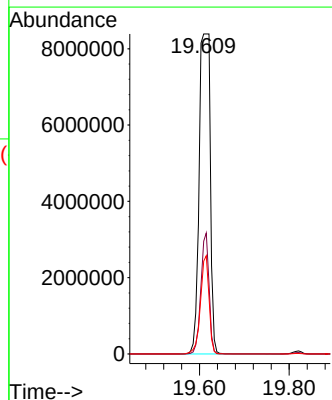
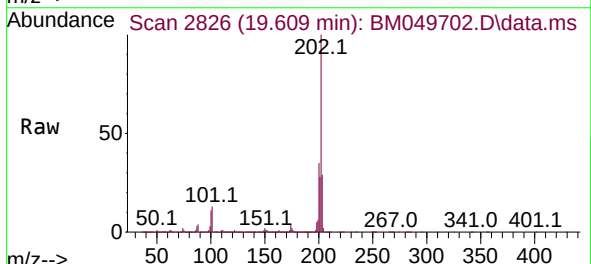
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

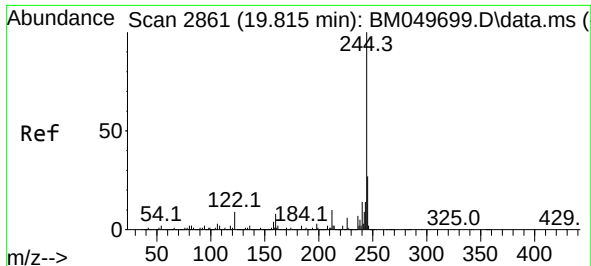
Tgt Ion:184 Resp: 2268361  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.7 17.5  
183 11.3 9.0 13.4



#78  
Pyrene  
Concen: 67.303 ng  
RT: 19.609 min Scan# 2826  
Delta R.T. -0.000 min  
Lab File: BM049702.D  
Acq: 12 Mar 2025 20:37

Tgt Ion:202 Resp:14468628  
Ion Ratio Lower Upper  
202 100  
200 35.2 17.0 25.4#  
203 29.0 14.3 21.5#

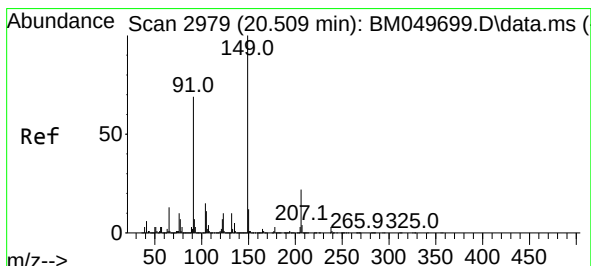
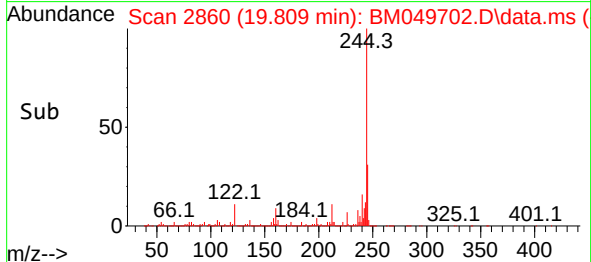
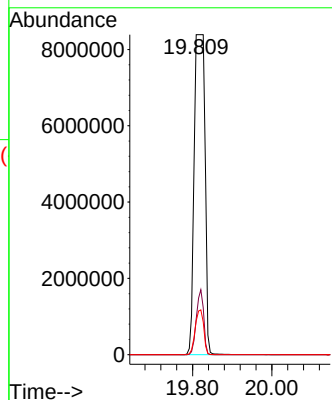
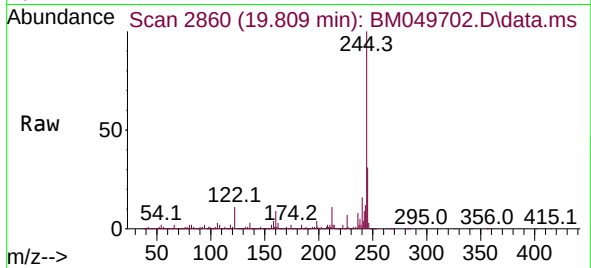




#79  
 Terphenyl-d14  
 Concen: 84.706 ng  
 RT: 19.809 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM049702.D  
 Acq: 12 Mar 2025 20:37

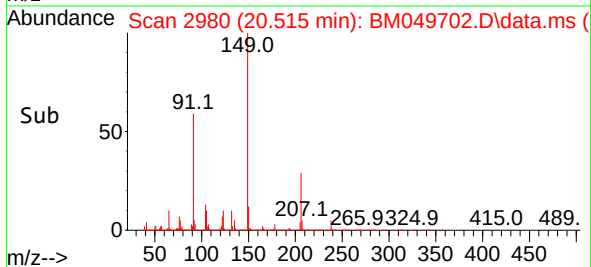
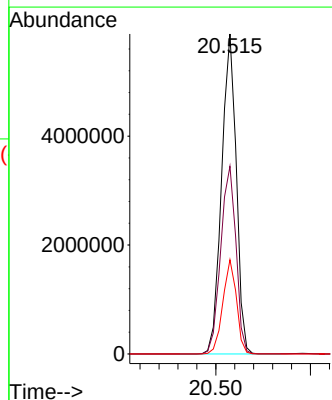
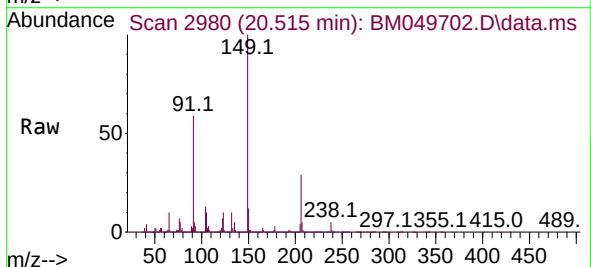
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080

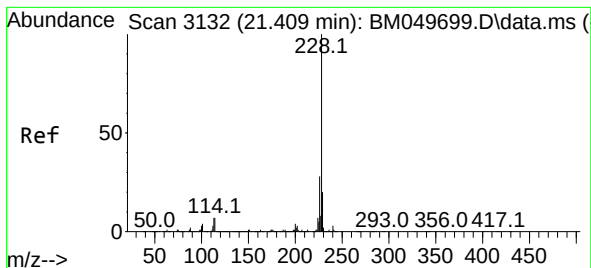
Tgt Ion:244 Resp:15883745  
 Ion Ratio Lower Upper  
 244 100  
 212 11.2 7.6 11.4  
 122 10.5 7.0 10.4#



#80  
 Butylbenzylphthalate  
 Concen: 91.281 ng  
 RT: 20.515 min Scan# 2980  
 Delta R.T. 0.006 min  
 Lab File: BM049702.D  
 Acq: 12 Mar 2025 20:37

Tgt Ion:149 Resp: 6334777  
 Ion Ratio Lower Upper  
 149 100  
 91 58.6 55.2 82.8  
 206 29.5 17.7 26.5#





#81

Benzo(a)anthracene

Concen: 75.711 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

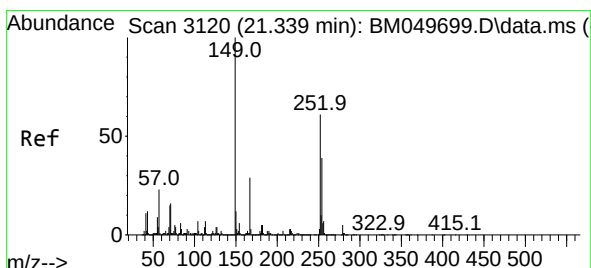
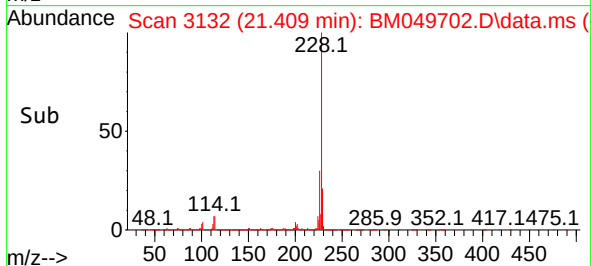
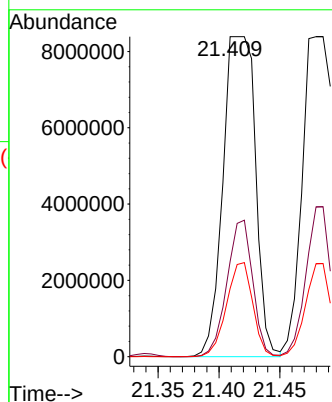
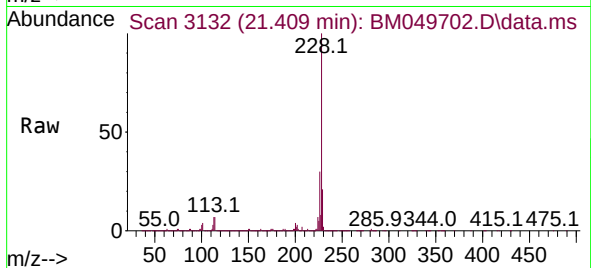
Tgt Ion:228 Resp:15580902

Ion Ratio Lower Upper

228 100

226 29.8 22.5 33.7

229 21.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 93.947 ng

RT: 21.338 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

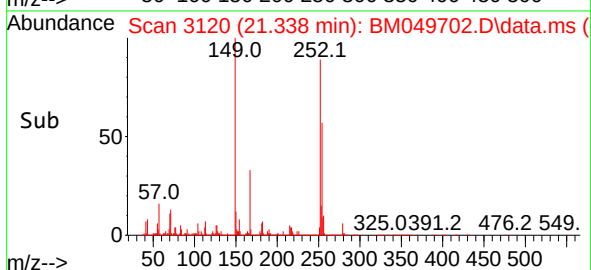
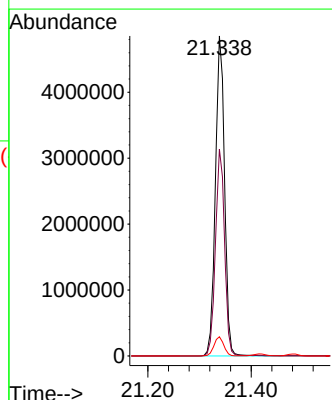
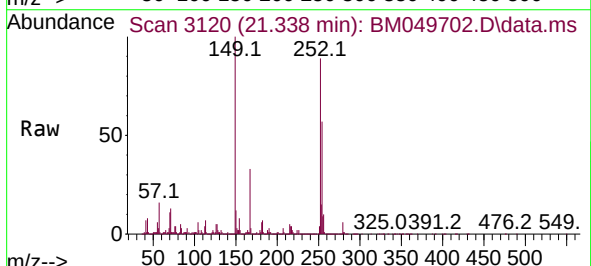
Tgt Ion:252 Resp: 5967734

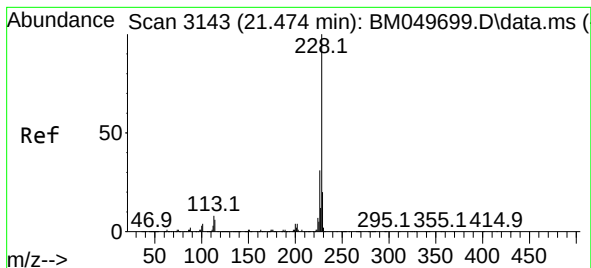
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 6.0 5.5 8.3





#83

Chrysene

Concen: 80.935 ng

RT: 21.409 min Scan# 31

Delta R.T. -0.065 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

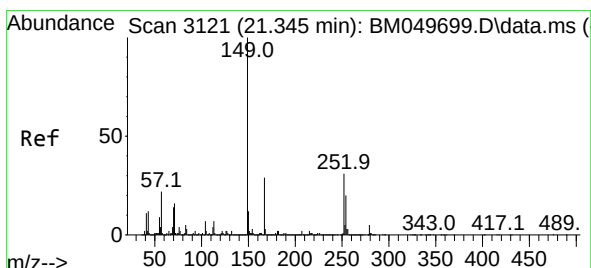
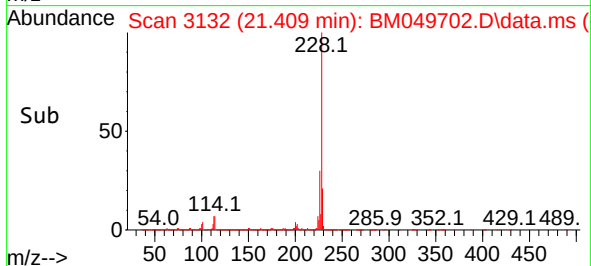
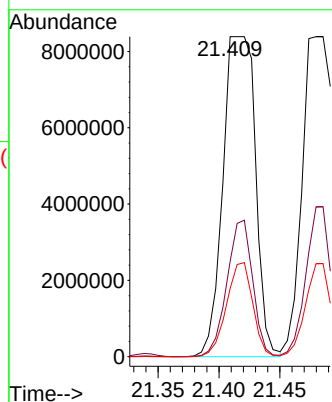
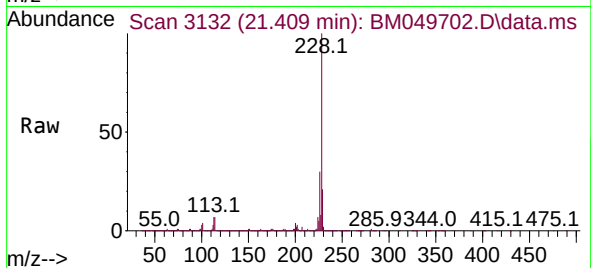
Tgt Ion:228 Resp:15580902

Ion Ratio Lower Upper

228 100

226 29.8 24.6 37.0

229 21.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 86.376 ng

RT: 21.344 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

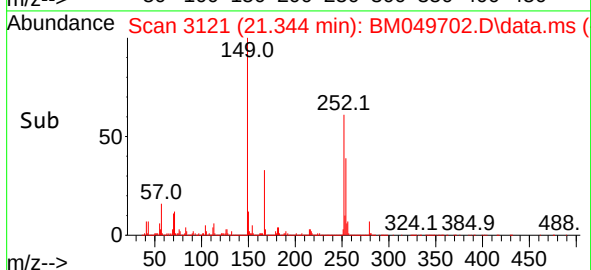
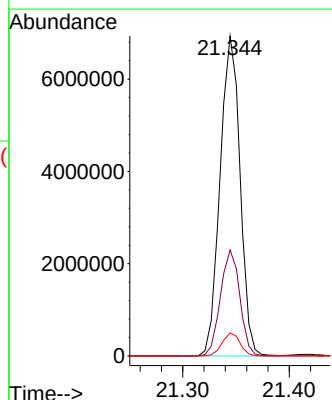
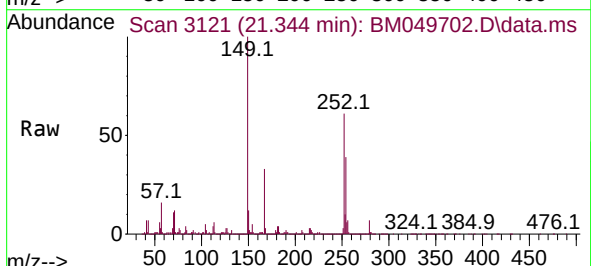
Tgt Ion:149 Resp: 9015004

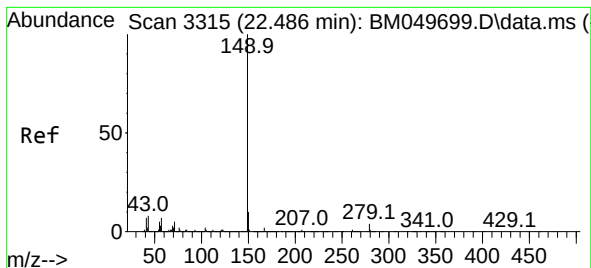
Ion Ratio Lower Upper

149 100

167 33.1 23.6 35.4

279 7.2 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 78.452 ng

RT: 22.485 min Scan# 31

Delta R.T. -0.001 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

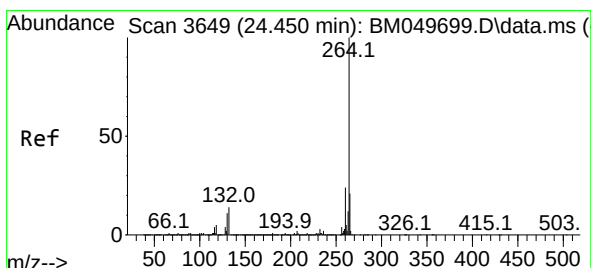
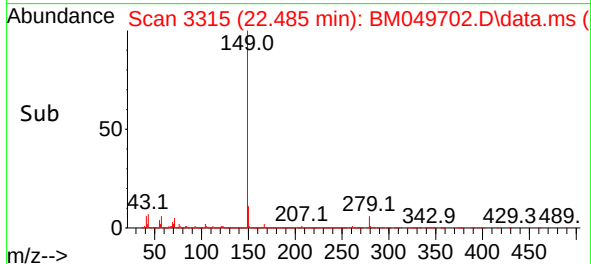
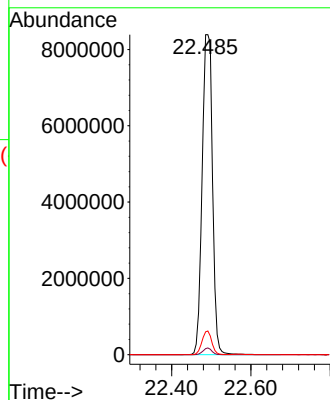
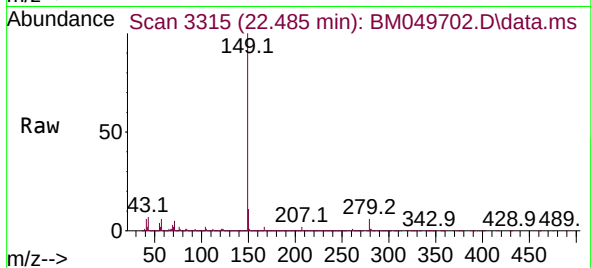
Tgt Ion:149 Resp:15171486

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 7.0 6.5 9.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3650

Delta R.T. 0.006 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

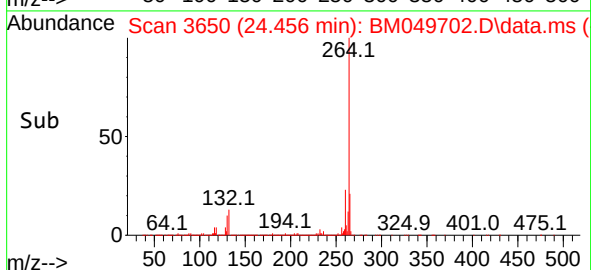
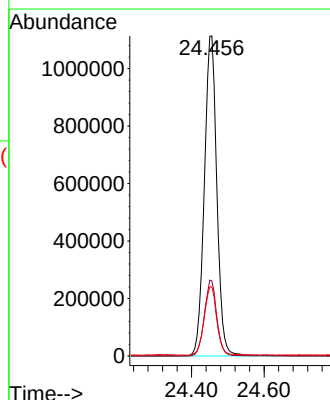
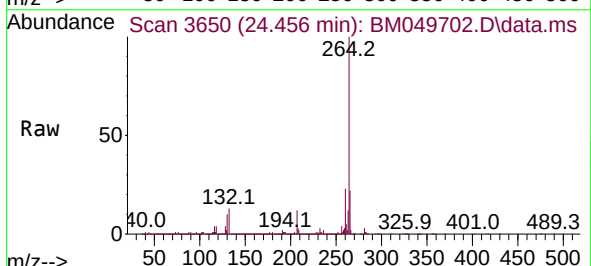
Tgt Ion:264 Resp: 2664202

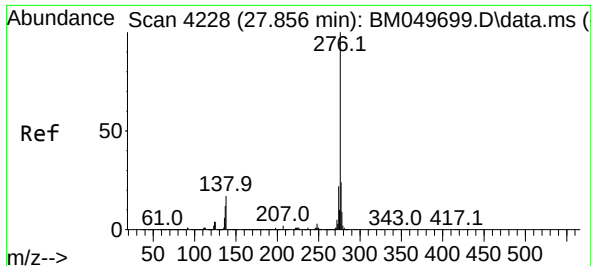
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.6 17.3 25.9

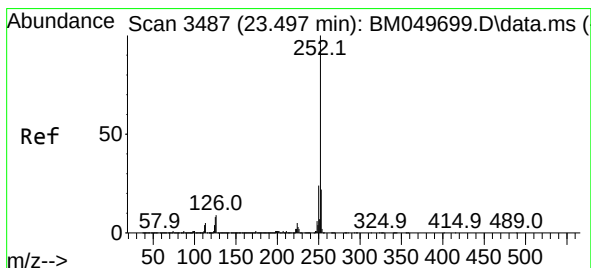
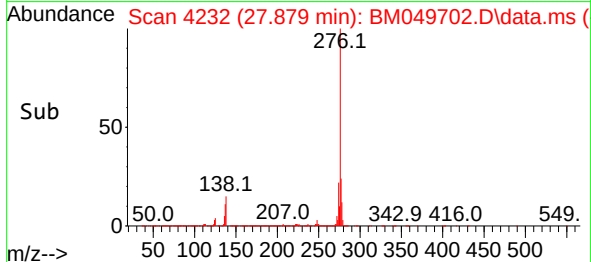
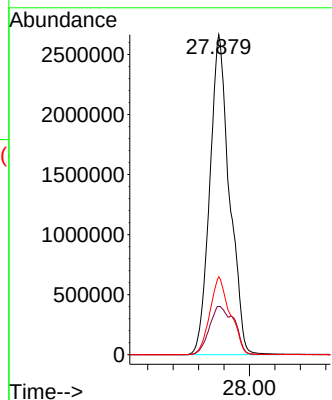
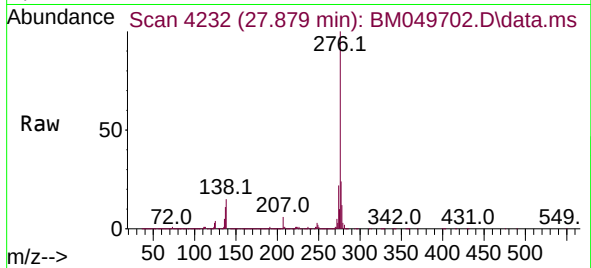




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 81.968 ng  
 RT: 27.879 min Scan# 41  
 Delta R.T. 0.023 min  
 Lab File: BM049702.D  
 Acq: 12 Mar 2025 20:37

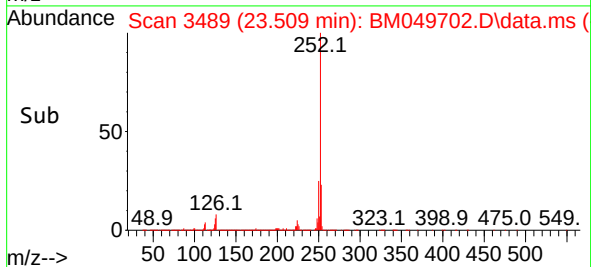
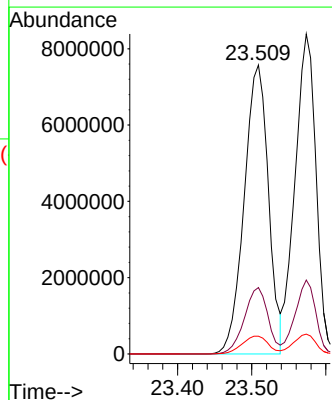
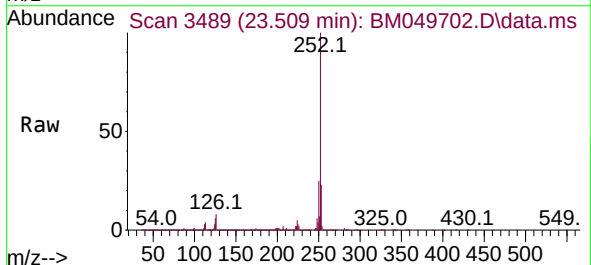
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:276 Resp:14356812  
 Ion Ratio Lower Upper  
 276 100  
 138 13.9 10.8 16.2  
 277 25.1 20.0 30.0

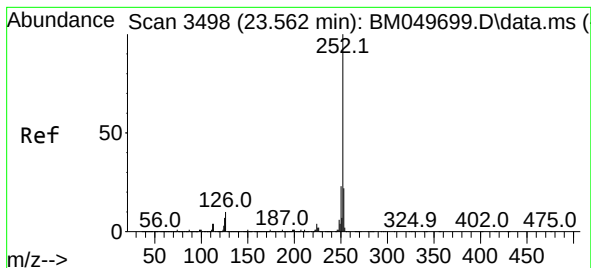


#88  
 Benzo(b)fluoranthene  
 Concen: 94.389 ng  
 RT: 23.509 min Scan# 3489  
 Delta R.T. 0.012 min  
 Lab File: BM049702.D  
 Acq: 12 Mar 2025 20:37

Tgt Ion:252 Resp:17228299  
 Ion Ratio Lower Upper  
 252 100  
 253 23.0 17.6 26.4  
 125 6.2 6.0 9.0







#89

Benzo(k)fluoranthene

Concen: 93.197 ng

RT: 23.574 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

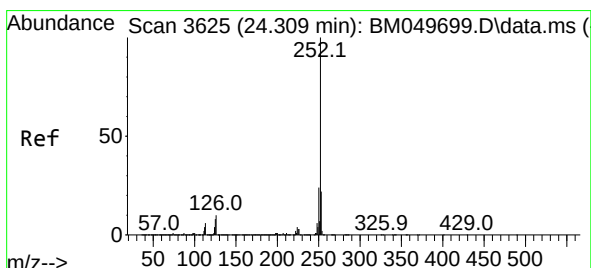
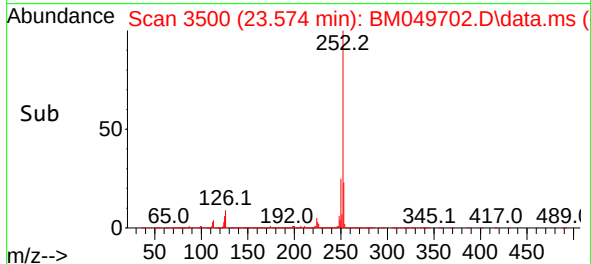
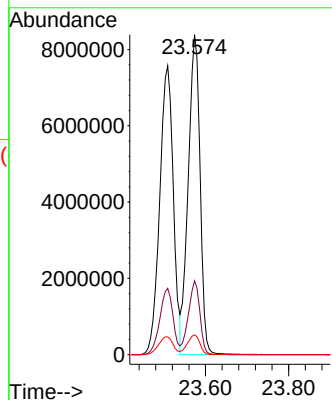
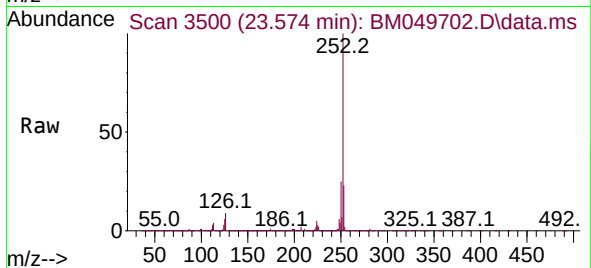
Tgt Ion:252 Resp:16557813

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 6.2 5.8 8.8



#90

Benzo(a)pyrene

Concen: 94.619 ng

RT: 24.321 min Scan# 3627

Delta R.T. 0.012 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

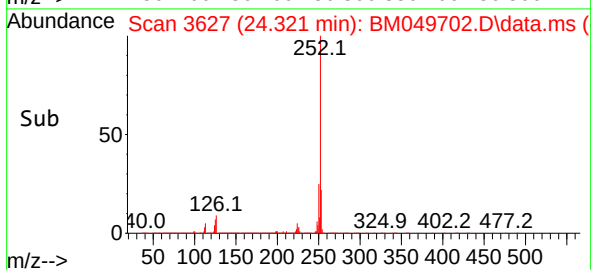
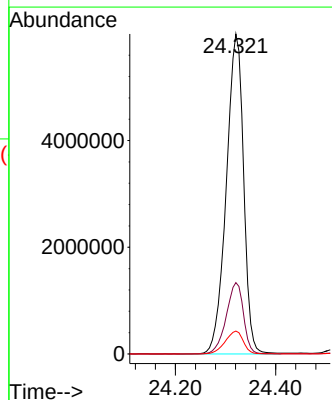
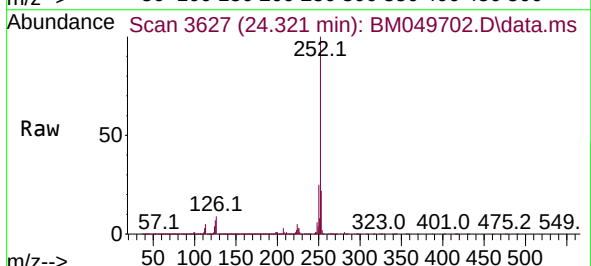
Tgt Ion:252 Resp:14365775

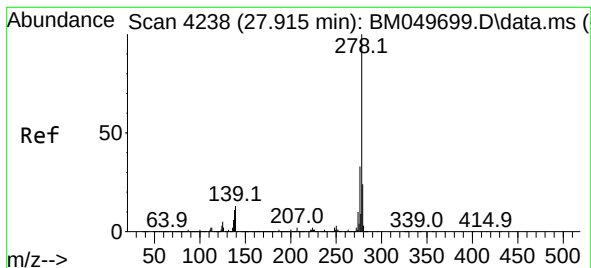
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 7.1 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 83.018 ng

RT: 27.938 min Scan# 41

Delta R.T. 0.023 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

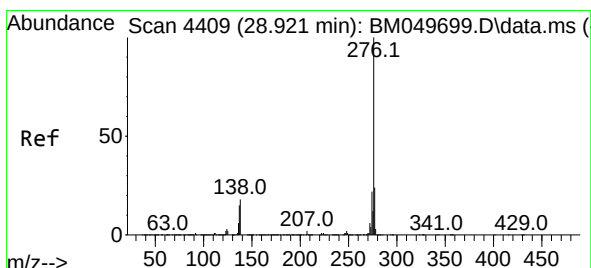
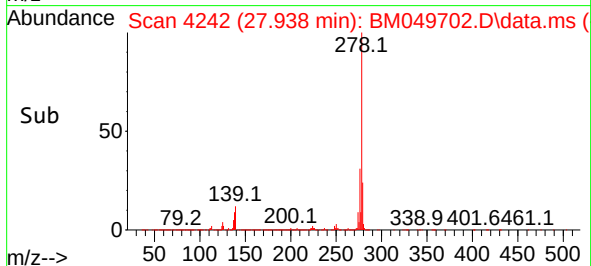
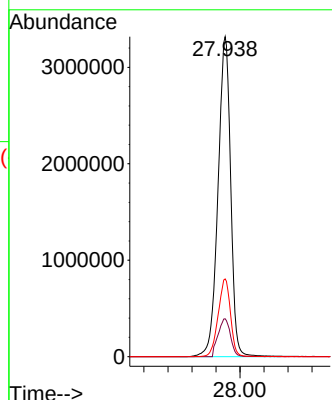
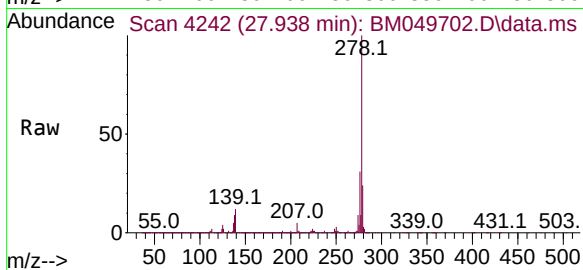
Tgt Ion:278 Resp:12131293

Ion Ratio Lower Upper

278 100

139 11.8 10.2 15.4

279 24.3 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 76.204 ng

RT: 28.950 min Scan# 4414

Delta R.T. 0.029 min

Lab File: BM049702.D

Acq: 12 Mar 2025 20:37

Tgt Ion:276 Resp:10994875

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 16.6 14.5 21.7

