

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010225\  
 Data File : BM049317.D  
 Acq On : 02 Jan 2025 14:47  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Jan 02 17:31:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 02 17:24:39 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.528  | 152  | 174452   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.292 | 136  | 663972   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.169 | 164  | 433919   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.921 | 188  | 895982   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.151 | 240  | 838676   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.939 | 264  | 859413   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.163  | 112  | 886824   | 80.011 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.722  | 99   | 1176763  | 80.367 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.675  | 82   | 1126844  | 80.296 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.669 | 330  | 465961   | 81.626 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.780 | 172  | 2664878  | 79.736 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.574 | 244  | 4250303  | 83.644 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.158  | 88   | 180809   | 38.633 | ng    | 100      |
| 3) Pyridine                   | 3.534  | 79   | 523875   | 39.094 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.452  | 42   | 218464   | 38.548 | ng    | 100      |
| 6) Aniline                    | 6.869  | 93   | 472427   | 39.364 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.098  | 128  | 452239   | 39.613 | ng    | 100      |
| 9) Benzaldehyde               | 6.687  | 77   | 307743   | 36.907 | ng    | 100      |
| 10) Phenol                    | 6.751  | 94   | 581244   | 39.587 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.969  | 93   | 459594   | 38.984 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.416  | 146  | 533318   | 39.124 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.563  | 146  | 538269   | 39.019 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.875  | 146  | 523248   | 39.257 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.775  | 79   | 374431   | 40.266 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.057  | 45   | 659602   | 38.433 | ng    | 100      |
| 17) 2-Methylphenol            | 7.975  | 107  | 365363   | 40.265 | ng    | 100      |
| 18) Hexachloroethane          | 8.587  | 117  | 199776   | 39.285 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.334  | 70   | 386791   | 41.478 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.304  | 107  | 501913   | 40.269 | ng    | 100      |
| 22) Acetophenone              | 8.345  | 105  | 716834   | 39.531 | ng    | 100      |
| 24) Nitrobenzene              | 8.716  | 77   | 570670   | 39.784 | ng    | 100      |
| 25) Isophorone                | 9.240  | 82   | 948447   | 40.010 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.416  | 139  | 230314   | 42.103 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.492  | 122  | 281866   | 40.630 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.722  | 93   | 607081   | 39.692 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 9.951  | 162  | 444197   | 40.734 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.157 | 180  | 538692   | 39.325 | ng    | 100      |
| 31) Naphthalene               | 10.339 | 128  | 1417269  | 39.271 | ng    | 100      |
| 32) Benzoic acid              | 9.639  | 122  | 281451   | 40.021 | ng    | 100      |
| 33) 4-Chloroaniline           | 10.457 | 127  | 495271   | 40.428 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.634 | 225  | 338150   | 38.935 | ng    | 100      |
| 35) Caprolactam               | 11.239 | 113  | 127286   | 39.669 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.592 | 107  | 433944   | 40.986 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 11.957 | 142  | 990890   | 39.814 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.186 | 142  | 980902   | 39.769 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.339 | 216  | 577864   | 39.274 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.322 | 237  | 190187   | 40.840 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.586 | 196  | 372706   | 40.909 | ng    | 100      |

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 Sample : SSTDICCC040  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC040

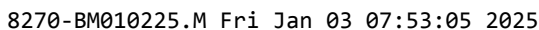
Quant Time: Jan 02 17:31:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 02 17:24:39 2025  
 Response via : Initial Calibration

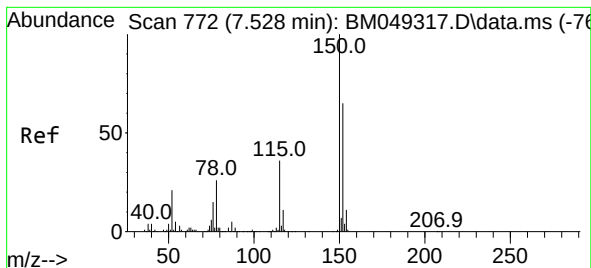
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.657 | 196  | 414684   | 40.477 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 12.998 | 154  | 1304635  | 39.853 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.028 | 162  | 1074054  | 39.939 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.245 | 65   | 297371   | 42.285 | ng    | 100      |
| 49) Acenaphthylene            | 13.886 | 152  | 1480413  | 39.913 | ng    | 100      |
| 50) Dimethylphthalate         | 13.639 | 163  | 1262615  | 39.575 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.751 | 165  | 277356   | 40.614 | ng    | 100      |
| 52) Acenaphthene              | 14.233 | 154  | 960961   | 39.943 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.080 | 138  | 267388   | 42.140 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.292 | 184  | 140687   | 37.569 | ng    | 100      |
| 55) Dibenzofuran              | 14.569 | 168  | 1560533  | 39.218 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.404 | 139  | 225257   | 40.594 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.545 | 165  | 385348   | 42.106 | ng    | 100      |
| 58) Fluorene                  | 15.221 | 166  | 1318788  | 40.525 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.804 | 232  | 344294   | 40.244 | ng    | 100      |
| 60) Diethylphthalate          | 15.016 | 149  | 1244789  | 39.934 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.227 | 204  | 707315   | 39.814 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.251 | 138  | 282873   | 38.590 | ng    | 100      |
| 63) Azobenzene                | 15.521 | 77   | 1213034  | 40.197 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.310 | 198  | 206428   | 40.792 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.445 | 169  | 1044528  | 40.622 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.121 | 248  | 393056   | 40.548 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.227 | 284  | 459835   | 39.518 | ng    | 100      |
| 69) Atrazine                  | 16.404 | 200  | 250871   | 39.479 | ng    | 100      |
| 70) Pentachlorophenol         | 16.574 | 266  | 305132   | 42.443 | ng    | 100      |
| 71) Phenanthrene              | 16.963 | 178  | 1911097  | 40.024 | ng    | 100      |
| 72) Anthracene                | 17.051 | 178  | 1840889  | 40.618 | ng    | 100      |
| 73) Carbazole                 | 17.327 | 167  | 1816682  | 41.029 | ng    | 100      |
| 74) Di-n-butylphthalate       | 17.910 | 149  | 2098751  | 41.855 | ng    | 100      |
| 75) Fluoranthene              | 18.986 | 202  | 2337625  | 40.320 | ng    | 100      |
| 77) Benzidine                 | 19.186 | 184  | 565200   | 47.362 | ng    | 100      |
| 78) Pyrene                    | 19.351 | 202  | 2478282  | 40.125 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.280 | 149  | 874916   | 41.928 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.133 | 228  | 2405244  | 40.237 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.074 | 252  | 776890   | 42.770 | ng    | 100      |
| 83) Chrysene                  | 21.192 | 228  | 2254760  | 39.800 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 1364008  | 42.646 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.156 | 149  | 2123644  | 40.146 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.038 | 276  | 2543818  | 40.227 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.068 | 252  | 2327711  | 40.450 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.127 | 252  | 2255009  | 40.240 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.809 | 252  | 1967547  | 40.331 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.091 | 278  | 2125484  | 40.306 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.003 | 276  | 2120852  | 40.114 | ng    | 100      |

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



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QLast Update : Thu Jan 02 17:24:39 2025  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.528 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

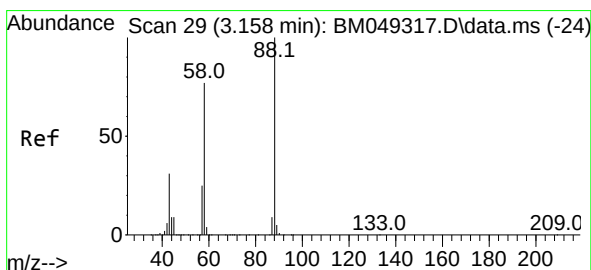
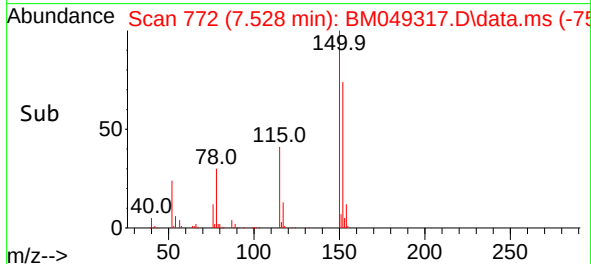
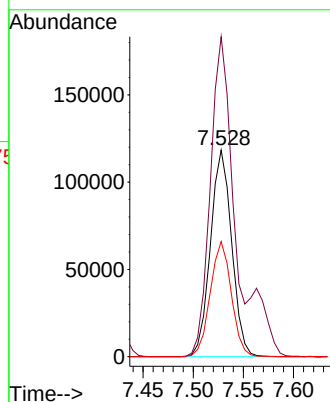
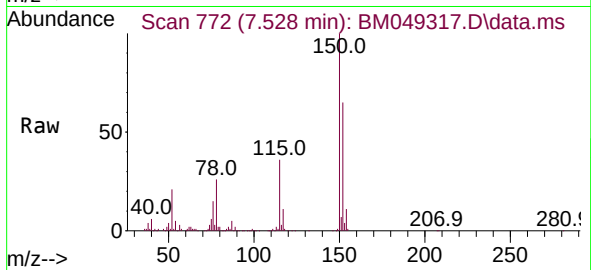
Tgt Ion:152 Resp: 174452

Ion Ratio Lower Upper

152 100

150 155.0 124.0 186.0

115 55.8 44.6 67.0



#2

1,4-Dioxane

Concen: 38.633 ng

RT: 3.158 min Scan# 29

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

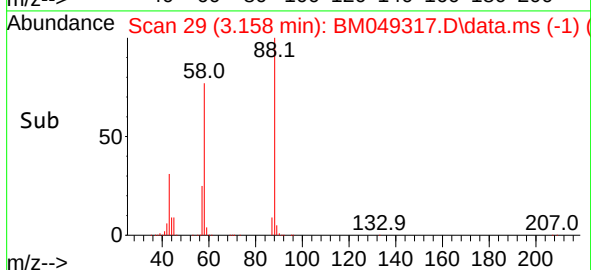
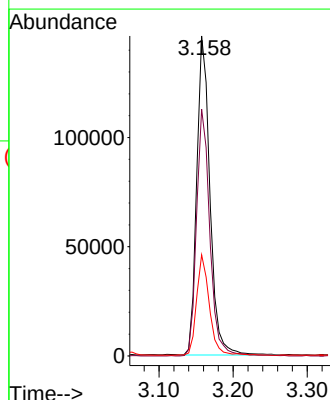
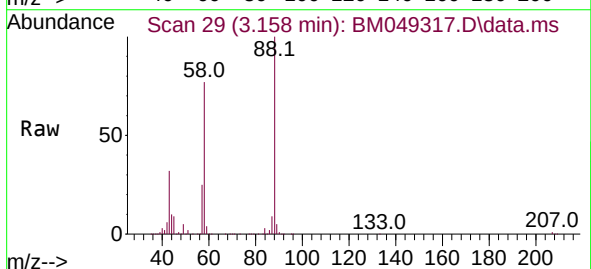
Tgt Ion: 88 Resp: 180809

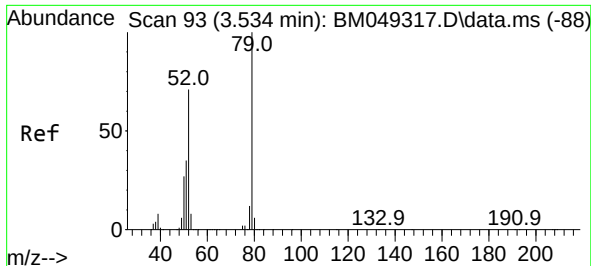
Ion Ratio Lower Upper

88 100

58 78.1 62.5 93.7

43 30.3 24.2 36.4

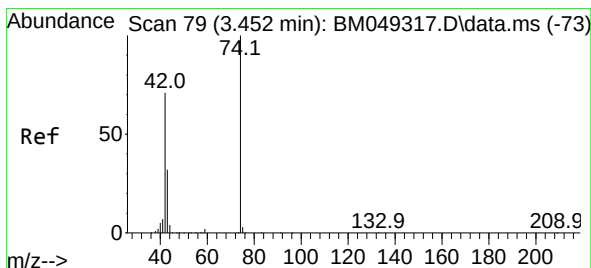
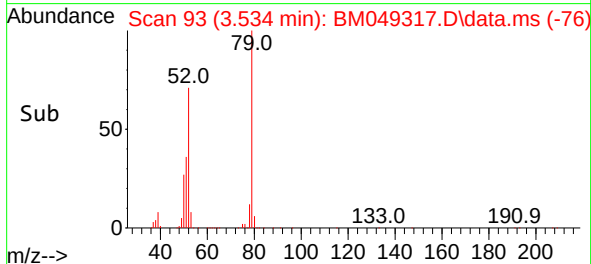
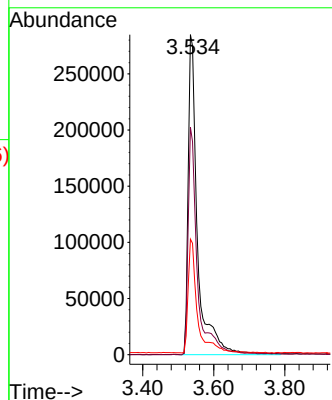
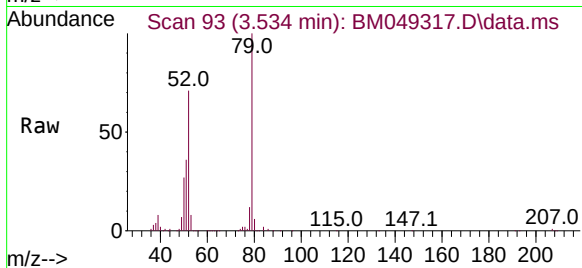




#3  
Pyridine  
Concen: 39.094 ng  
RT: 3.534 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

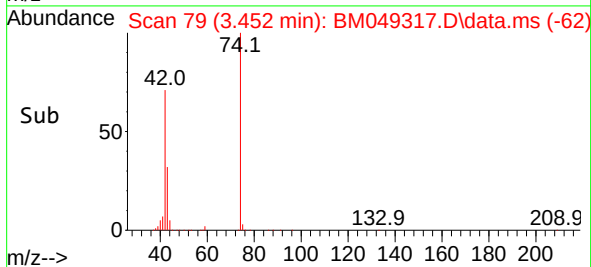
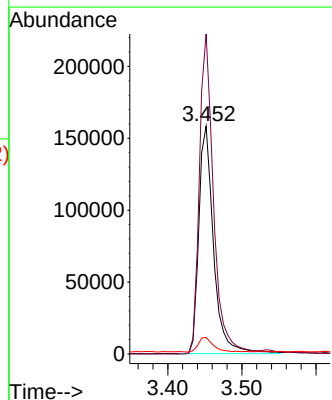
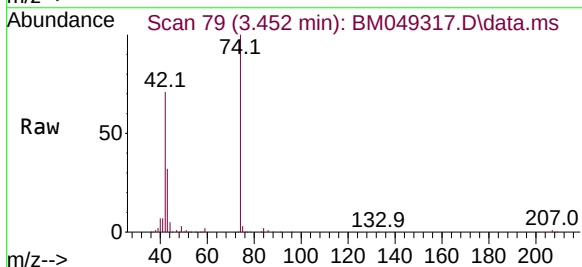
Instrument :  
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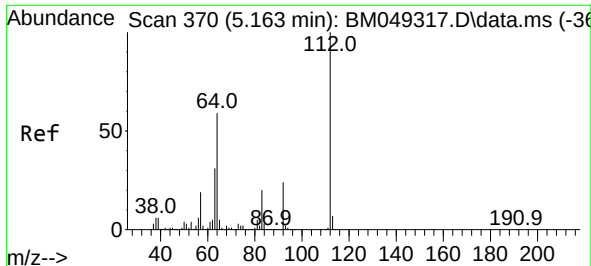
Tgt Ion: 79 Resp: 523875  
Ion Ratio Lower Upper  
79 100  
52 71.1 56.9 85.3  
51 36.1 28.9 43.3



#4  
n-Nitrosodimethylamine  
Concen: 38.548 ng  
RT: 3.452 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion: 42 Resp: 218464  
Ion Ratio Lower Upper  
42 100  
74 140.5 112.4 168.6  
44 7.3 5.8 8.8

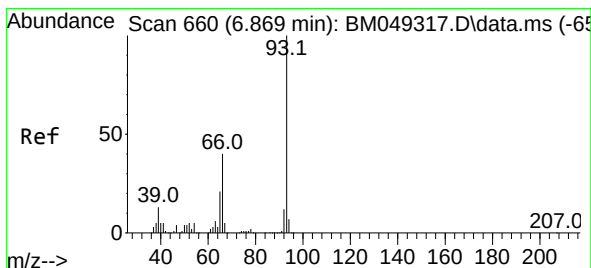
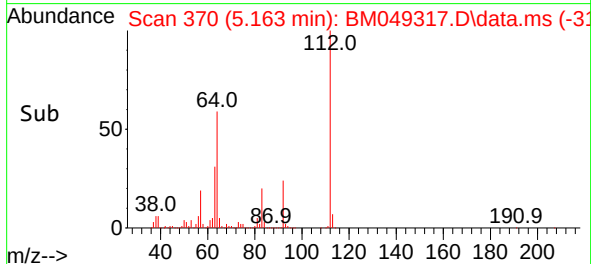
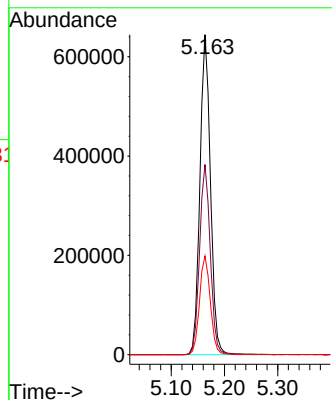
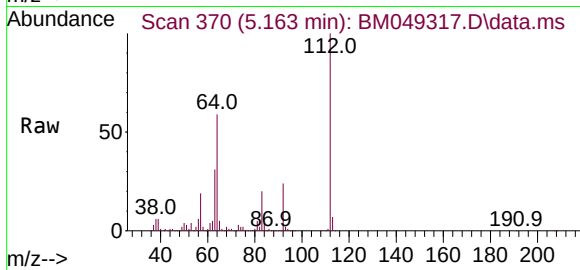




#5  
2-Fluorophenol  
Concen: 80.011 ng  
RT: 5.163 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

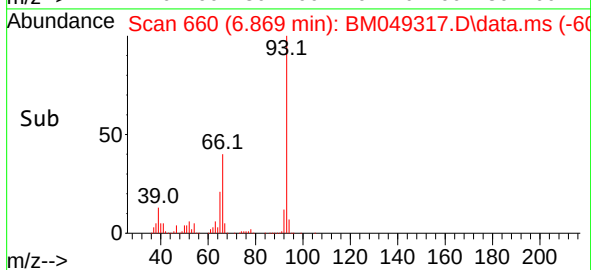
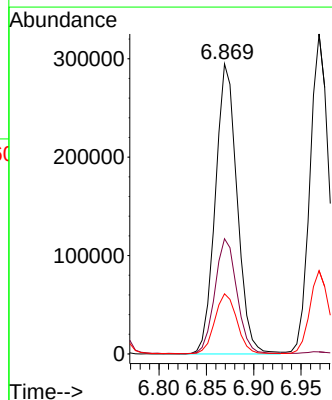
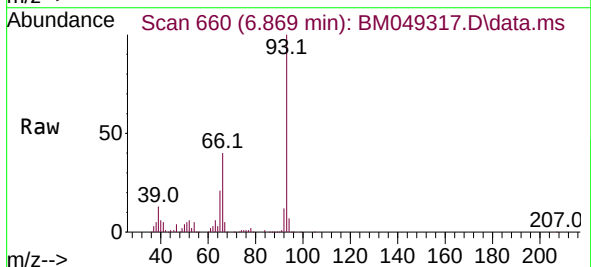
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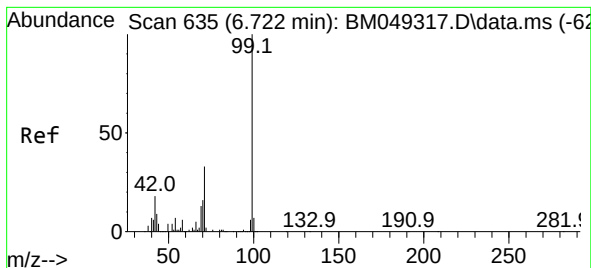
Tgt Ion:112 Resp: 886824  
Ion Ratio Lower Upper  
112 100  
64 59.4 47.5 71.3  
63 30.8 24.6 37.0



#6  
Aniline  
Concen: 39.364 ng  
RT: 6.869 min Scan# 660  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion: 93 Resp: 472427  
Ion Ratio Lower Upper  
93 100  
66 39.7 31.8 47.6  
65 20.7 16.6 24.8





#7

Phenol-d6

Concen: 80.367 ng

RT: 6.722 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

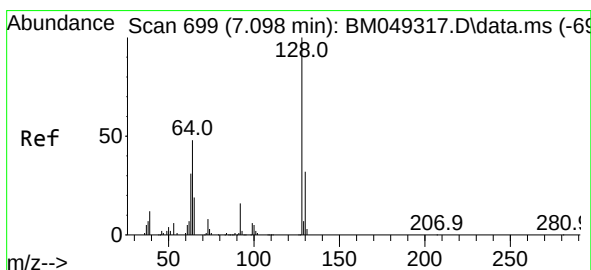
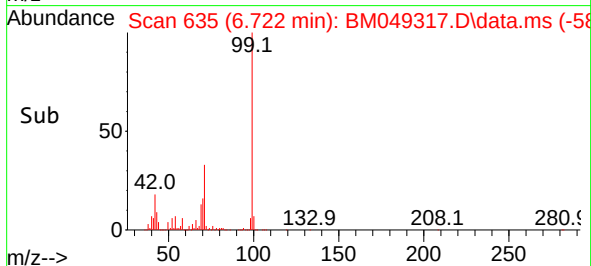
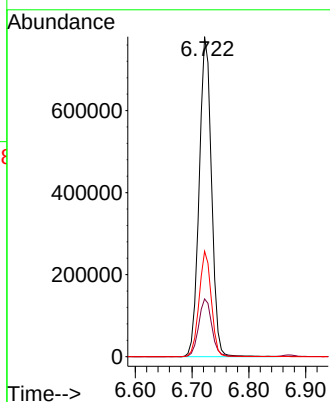
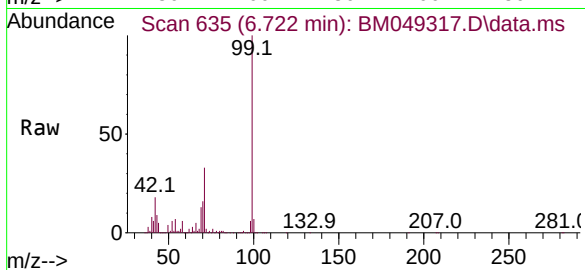
BNA\_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 1176763

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.0  | 14.4  | 21.6  |
| 71  | 33.0  | 26.4  | 39.6  |



#8

2-Chlorophenol

Concen: 39.613 ng

RT: 7.098 min Scan# 699

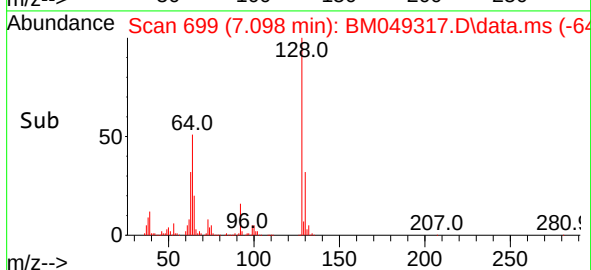
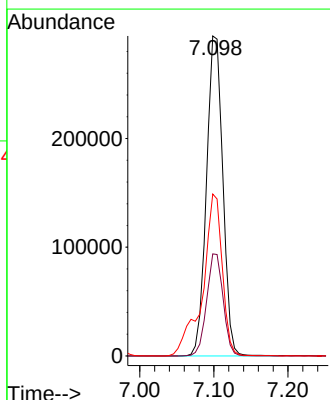
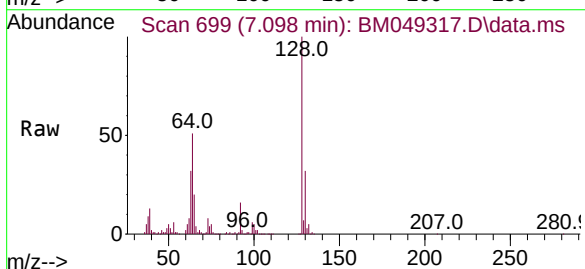
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Lab File: BM049317.D

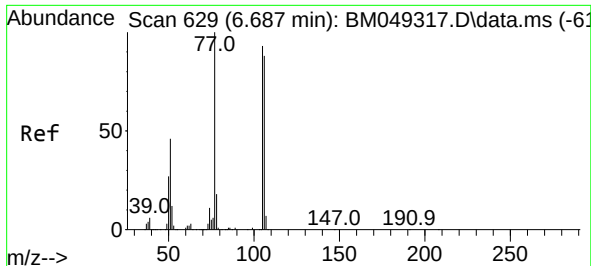
Acq: 02 Jan 2025 14:47

Tgt Ion: 128 Resp: 452239

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.9  | 11.9  | 51.9  |
| 64  | 50.6  | 30.6  | 70.6  |



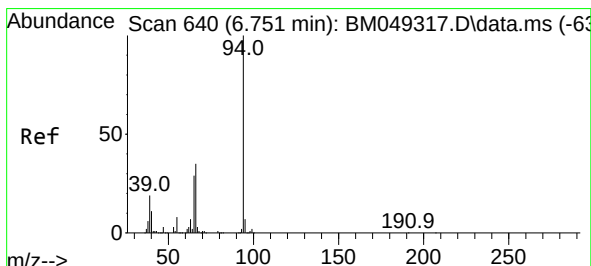
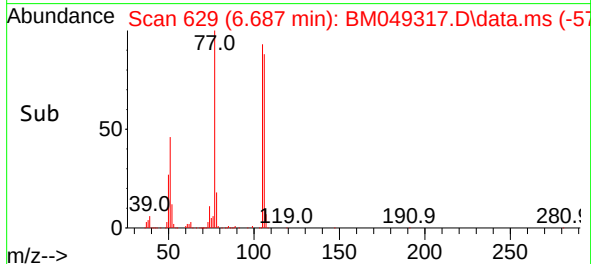
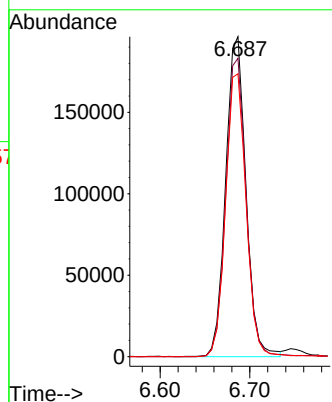
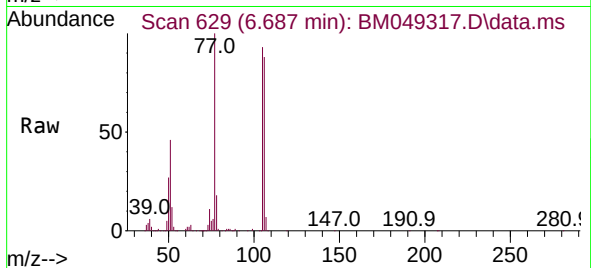




#9  
Benzaldehyde  
Concen: 36.907 ng  
RT: 6.687 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

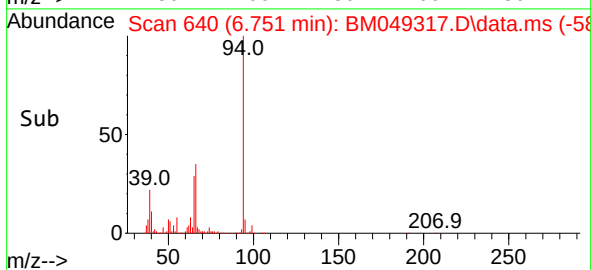
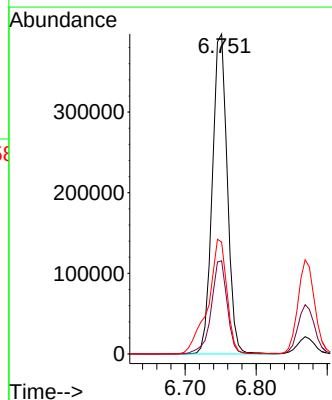
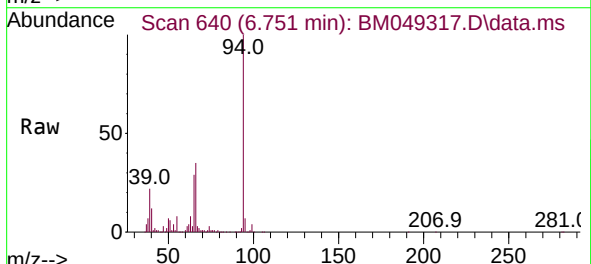
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

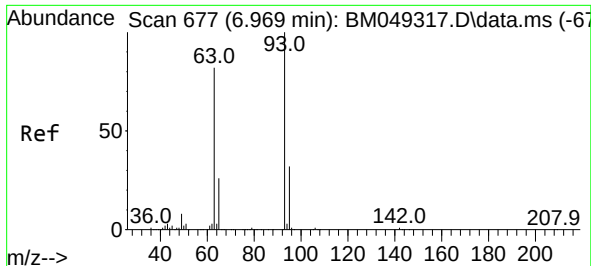
Tgt Ion: 77 Resp: 307743  
Ion Ratio Lower Upper  
77 100  
105 93.3 73.3 113.3  
106 88.4 68.4 108.4



#10  
Phenol  
Concen: 39.587 ng  
RT: 6.751 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion: 94 Resp: 581244  
Ion Ratio Lower Upper  
94 100  
65 29.1 9.1 49.1  
66 35.0 15.0 55.0

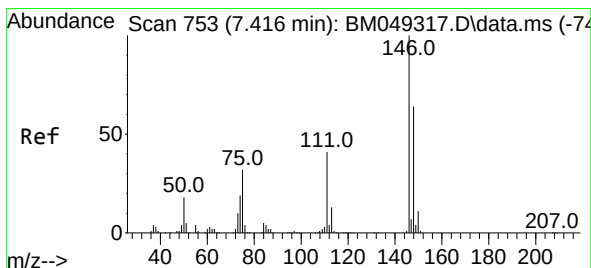
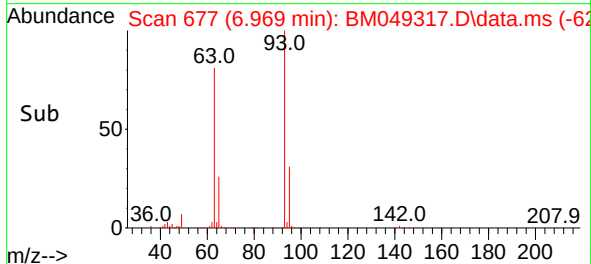
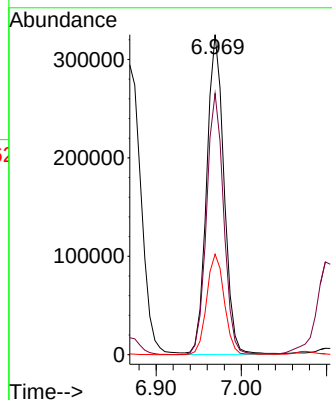
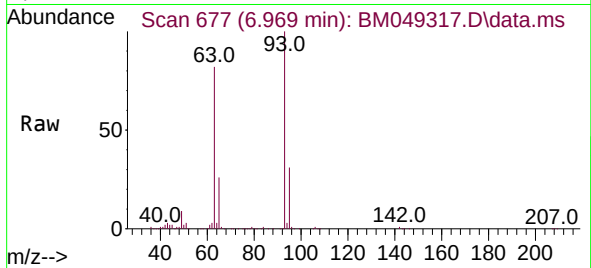




#11  
bis(2-Chloroethyl)ether  
Concen: 38.984 ng  
RT: 6.969 min Scan# 677  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

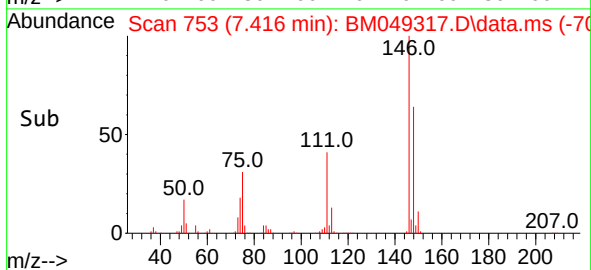
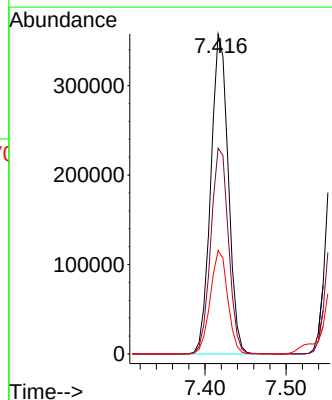
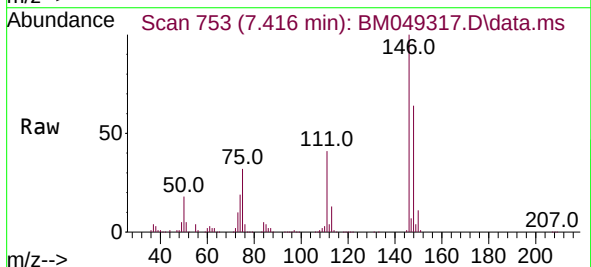
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

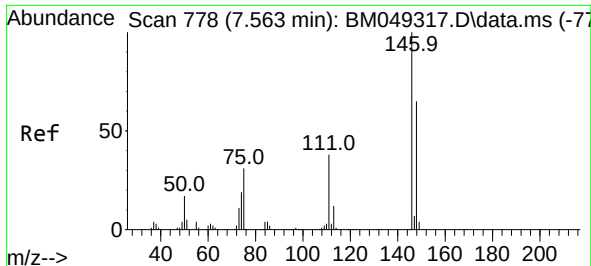
Tgt Ion: 93 Resp: 459594  
Ion Ratio Lower Upper  
93 100  
63 81.7 61.7 101.7  
95 31.4 11.4 51.4



#12  
1,3-Dichlorobenzene  
Concen: 39.124 ng  
RT: 7.416 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion: 146 Resp: 533318  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.4 77.2  
75 32.3 25.8 38.8

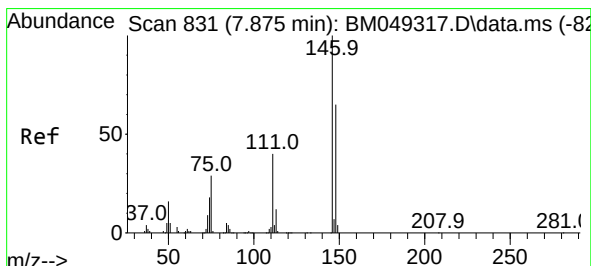
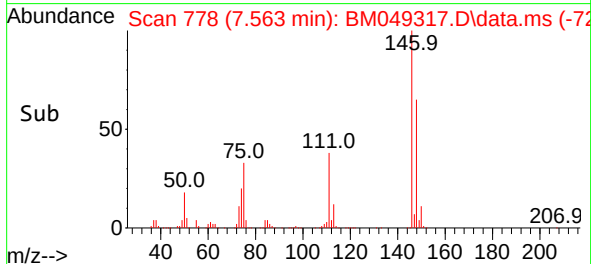
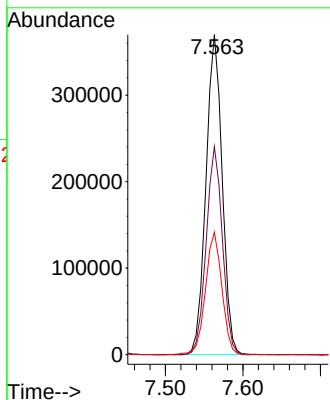
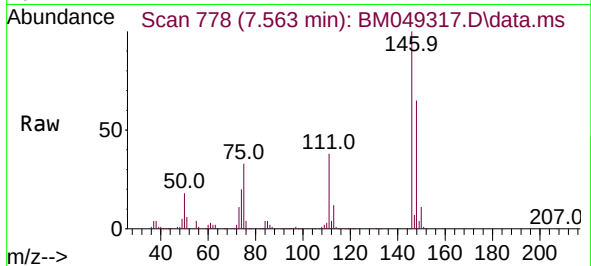




#13  
1,4-Dichlorobenzene  
Concen: 39.019 ng  
RT: 7.563 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

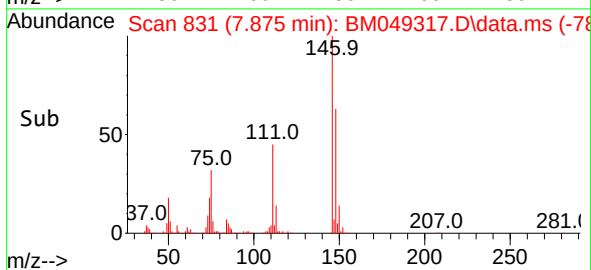
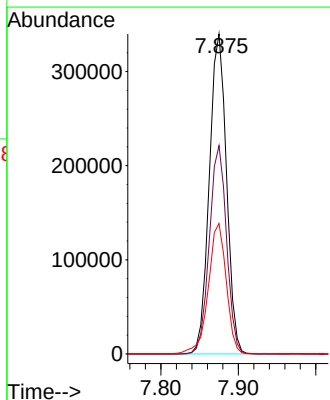
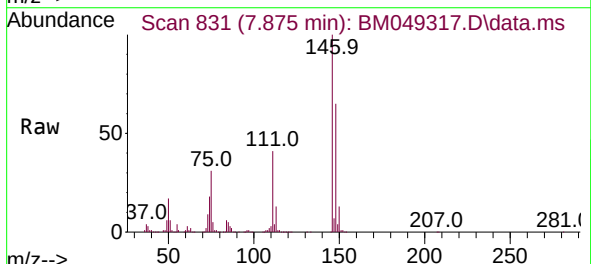
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

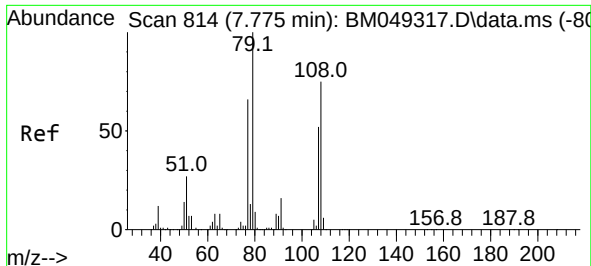
Tgt Ion:146 Resp: 538269  
Ion Ratio Lower Upper  
146 100  
148 65.0 52.0 78.0  
111 38.3 30.6 46.0



#14  
1,2-Dichlorobenzene  
Concen: 39.257 ng  
RT: 7.875 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:146 Resp: 523248  
Ion Ratio Lower Upper  
146 100  
148 65.1 52.1 78.1  
111 40.8 32.6 49.0

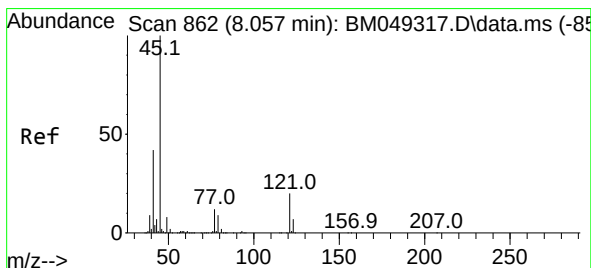
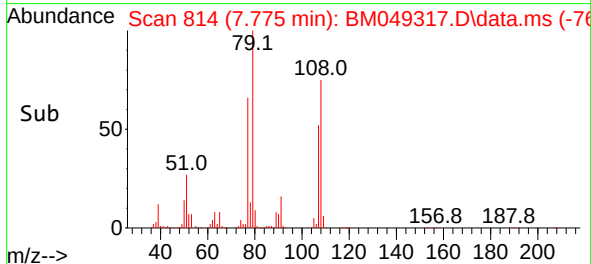
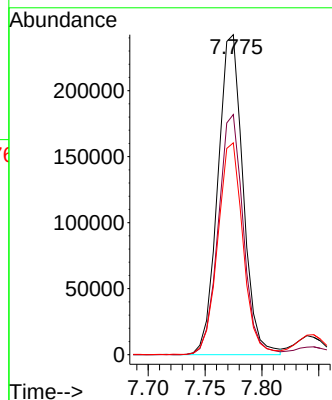
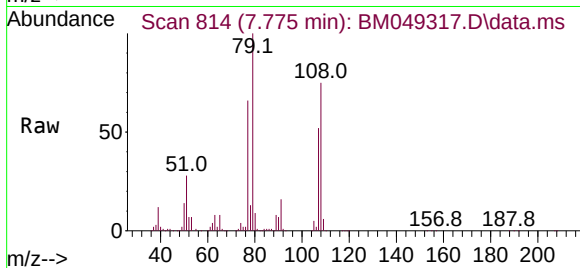




#15  
Benzyl Alcohol  
Concen: 40.266 ng  
RT: 7.775 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

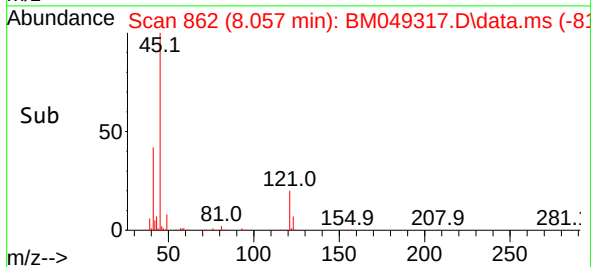
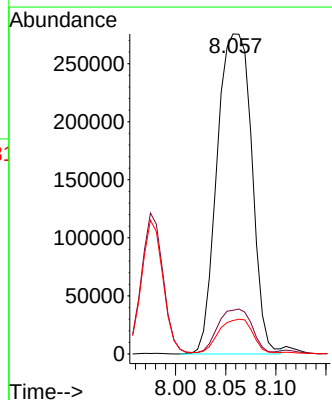
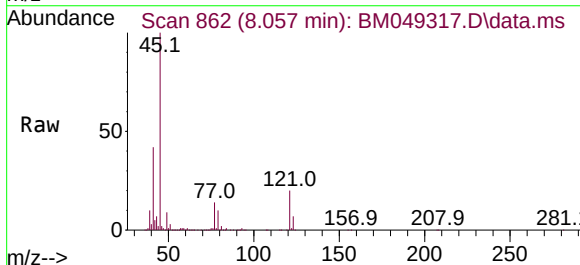
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

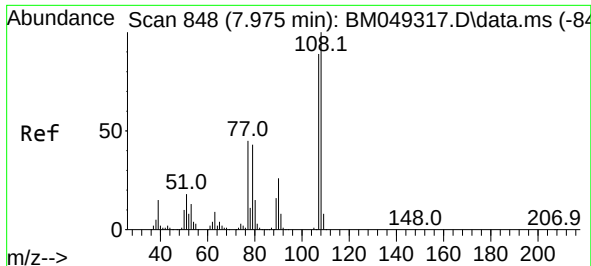
Tgt Ion: 79 Resp: 374431  
Ion Ratio Lower Upper  
79 100  
108 75.0 60.0 90.0  
77 66.2 53.0 79.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.433 ng  
RT: 8.057 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion: 45 Resp: 659602  
Ion Ratio Lower Upper  
45 100  
77 13.7 0.0 33.7  
79 10.4 0.0 30.4

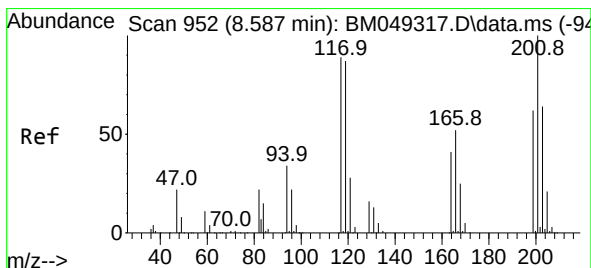
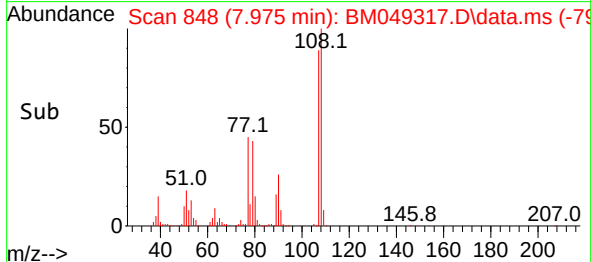
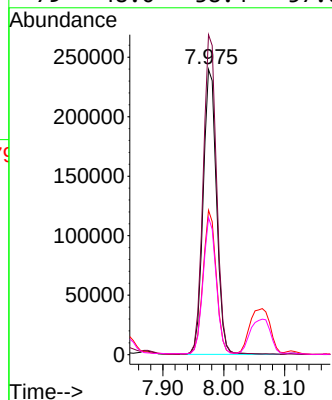
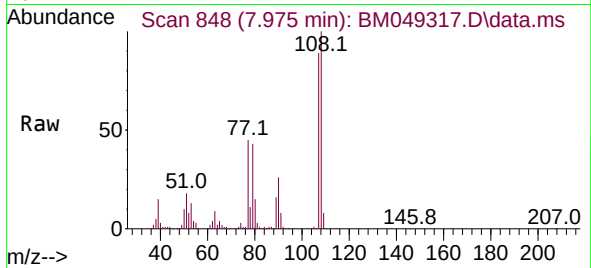




#17  
2-Methylphenol  
Concen: 40.265 ng  
RT: 7.975 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

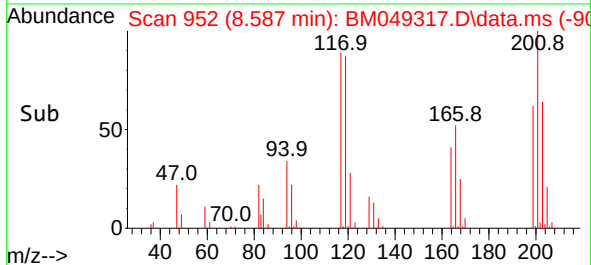
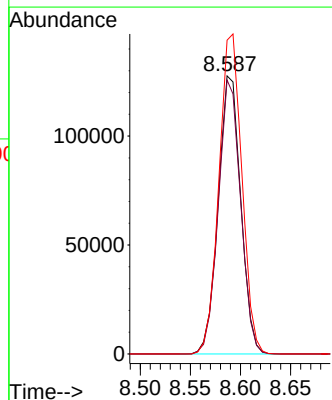
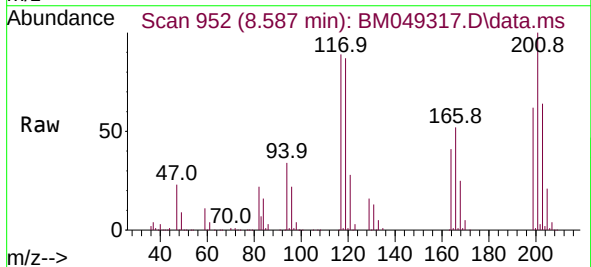
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

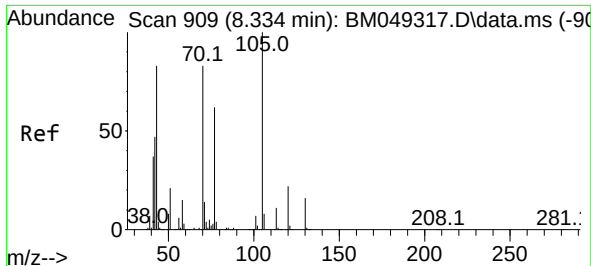
Tgt Ion:107 Resp: 365363  
Ion Ratio Lower Upper  
107 100  
108 112.1 89.7 134.5  
77 50.6 40.5 60.7  
79 48.0 38.4 57.6



#18  
Hexachloroethane  
Concen: 39.285 ng  
RT: 8.587 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:117 Resp: 199776  
Ion Ratio Lower Upper  
117 100  
119 98.5 78.8 118.2  
201 112.8 90.2 135.4



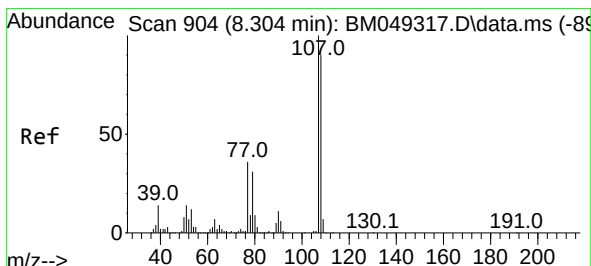
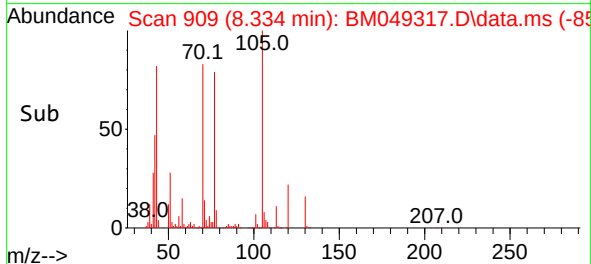
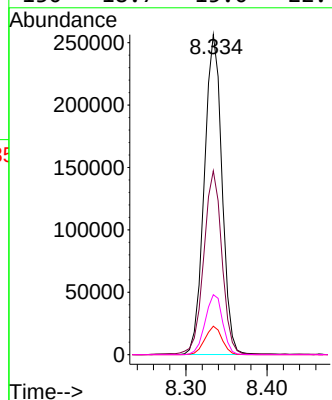
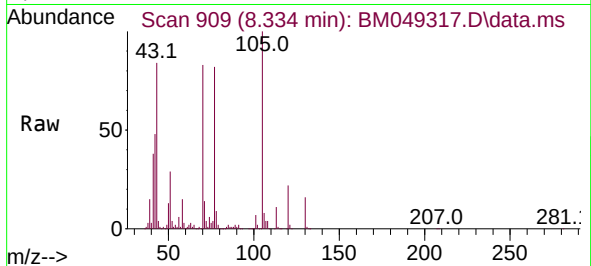


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.478 ng  
RT: 8.334 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 70 Resp: 386791

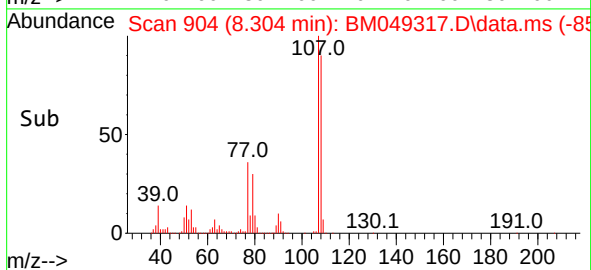
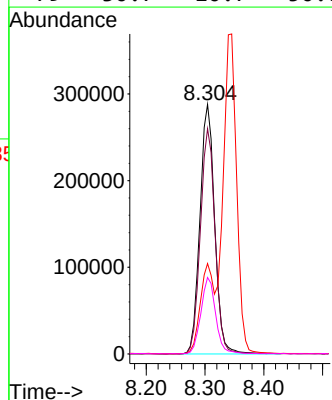
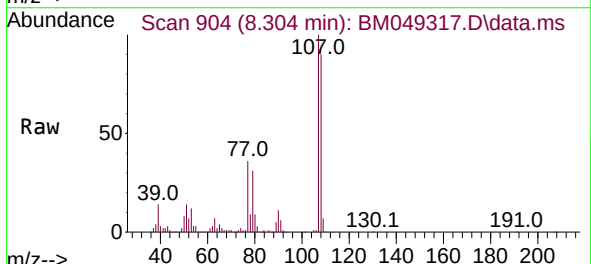
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 57.5  | 46.0  | 69.0  |
| 101 | 8.9   | 7.1   | 10.7  |
| 130 | 18.7  | 15.0  | 22.4  |

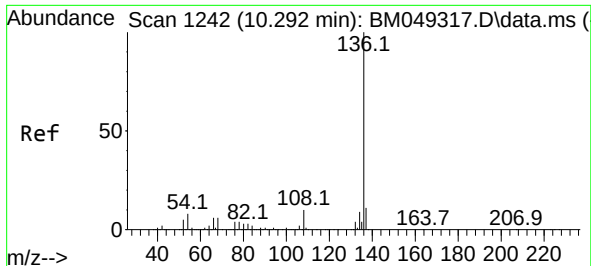


#20  
3+4-Methylphenols  
Concen: 40.269 ng  
RT: 8.304 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion: 107 Resp: 501913

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.3  | 70.3  | 110.3 |
| 77  | 36.3  | 16.3  | 56.3  |
| 79  | 30.7  | 10.7  | 50.7  |

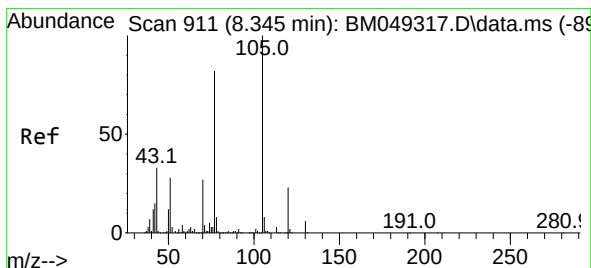
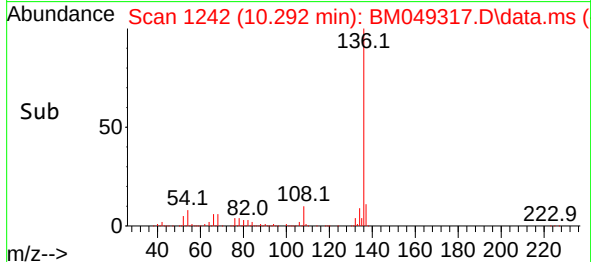
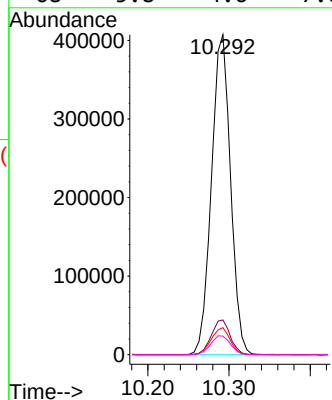
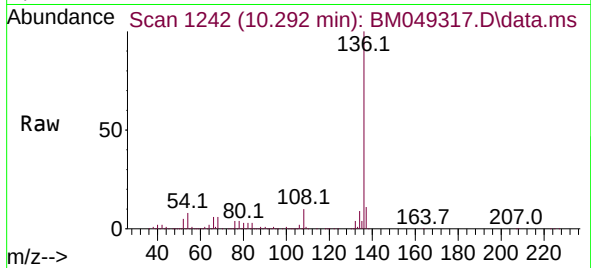




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.292 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

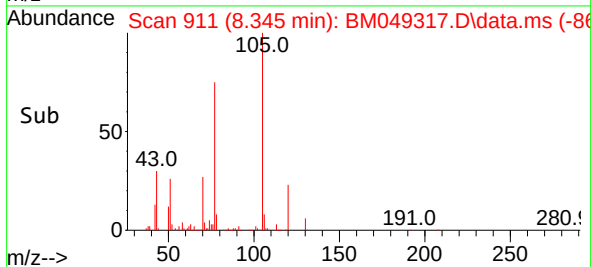
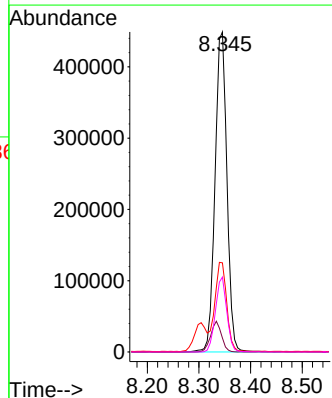
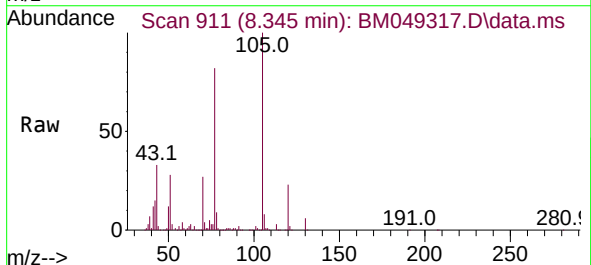
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

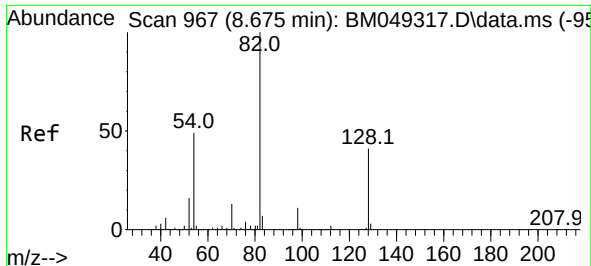
Tgt Ion:136 Resp: 663972  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.4 6.7 10.1  
68 5.8 4.6 7.0



#22  
Acetophenone  
Concen: 39.531 ng  
RT: 8.345 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:105 Resp: 716834  
Ion Ratio Lower Upper  
105 100  
71 4.4 3.5 5.3  
51 27.9 22.3 33.5  
120 23.4 18.7 28.1

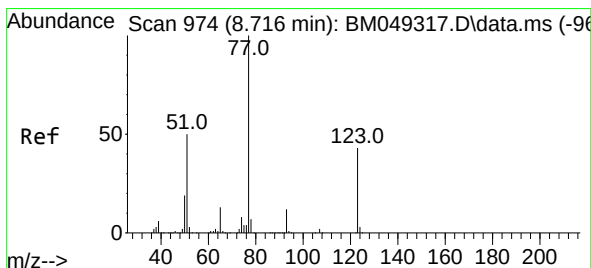
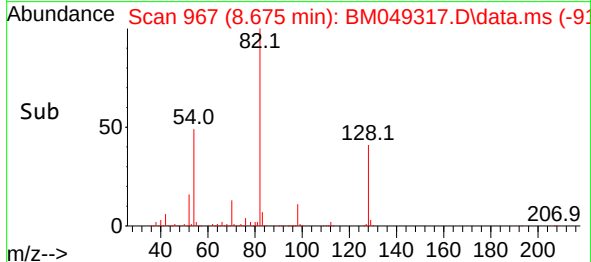
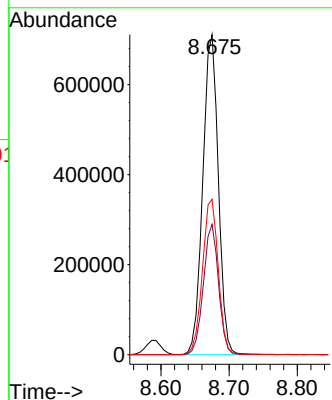
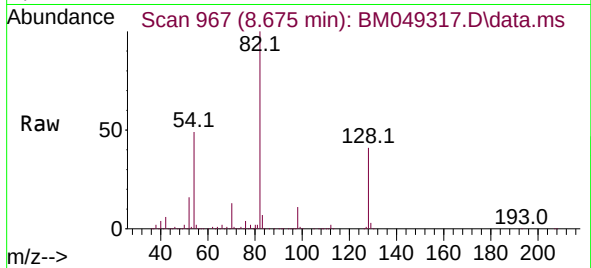




#23  
 Nitrobenzene-d5  
 Concen: 80.296 ng  
 RT: 8.675 min Scan# 967  
 Delta R.T. 0.000 min  
 Lab File: BM049317.D  
 Acq: 02 Jan 2025 14:47

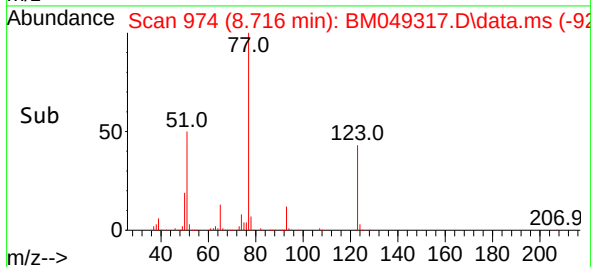
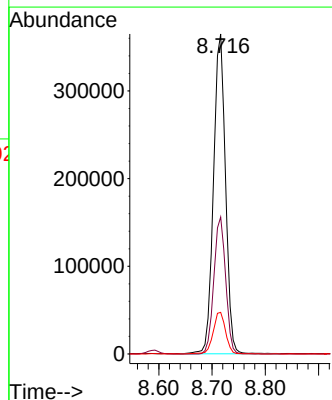
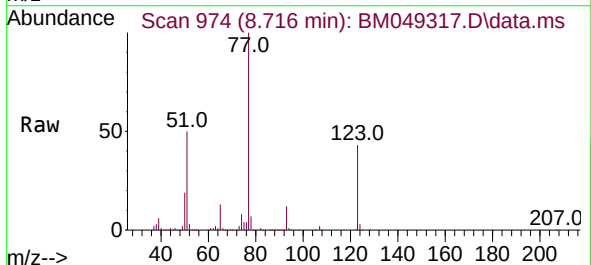
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

Tgt Ion: 82 Resp: 1126844  
 Ion Ratio Lower Upper  
 82 100  
 128 40.7 32.6 48.8  
 54 48.5 38.8 58.2

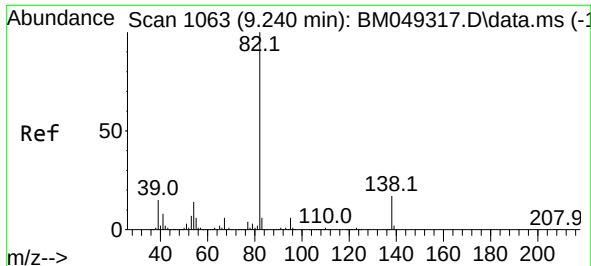


#24  
 Nitrobenzene  
 Concen: 39.784 ng  
 RT: 8.716 min Scan# 974  
 Delta R.T. 0.000 min  
 Lab File: BM049317.D  
 Acq: 02 Jan 2025 14:47

Tgt Ion: 77 Resp: 570670  
 Ion Ratio Lower Upper  
 77 100  
 123 42.8 34.2 51.4  
 65 13.0 10.4 15.6



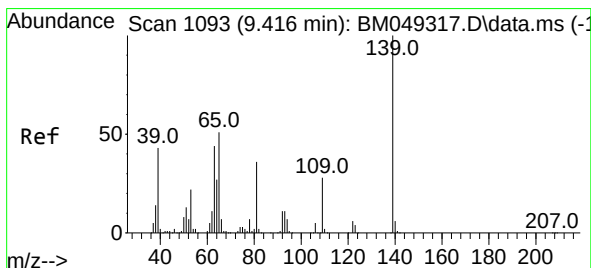
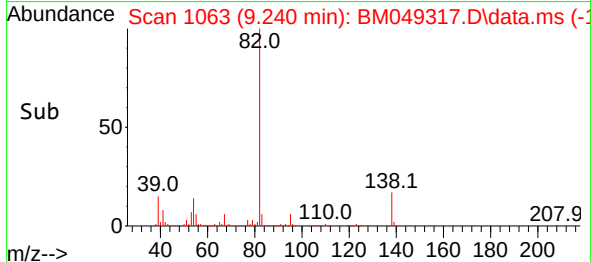
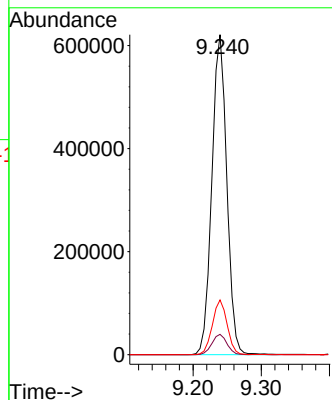
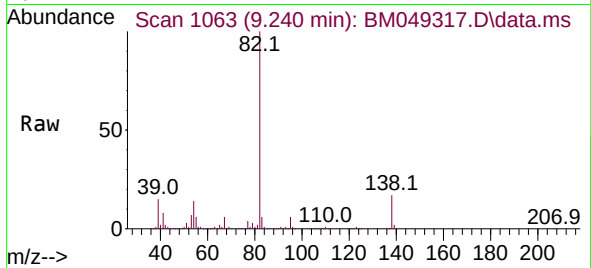




#25  
Isophorone  
Concen: 40.010 ng  
RT: 9.240 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

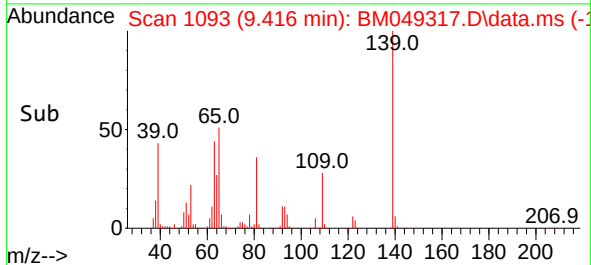
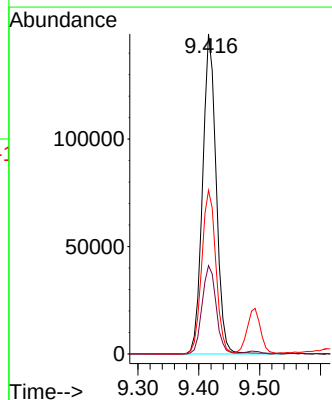
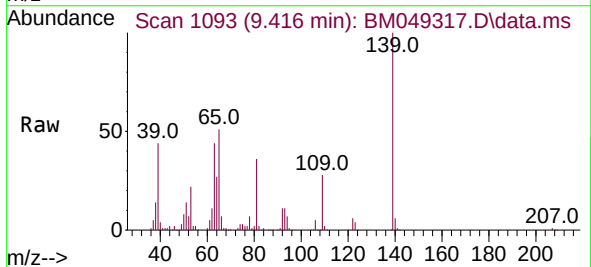
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

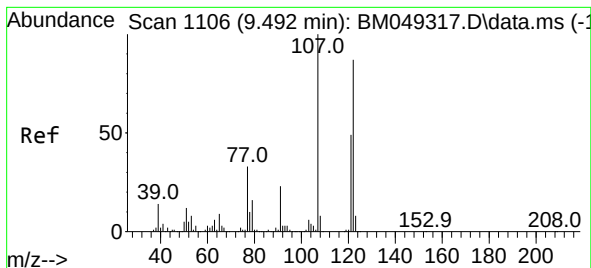
Tgt Ion: 82 Resp: 948447  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.1 7.7  
138 17.1 13.7 20.5



#26  
2-Nitrophenol  
Concen: 42.103 ng  
RT: 9.416 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:139 Resp: 230314  
Ion Ratio Lower Upper  
139 100  
109 27.6 22.1 33.1  
65 51.1 40.9 61.3

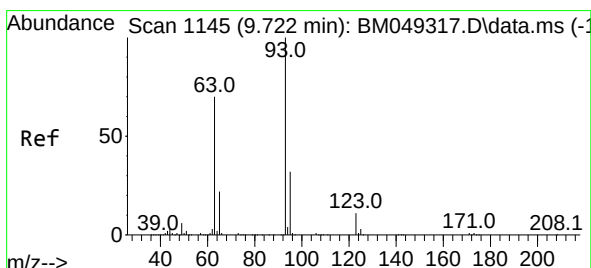
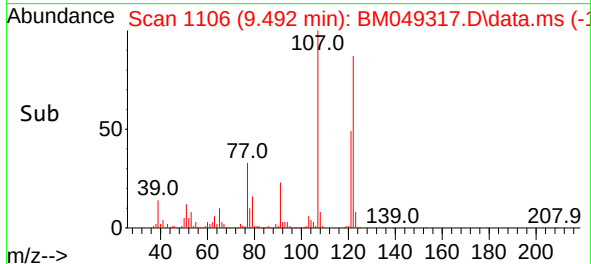
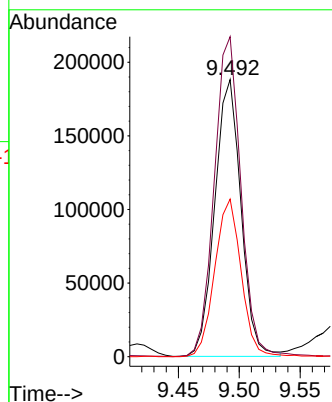
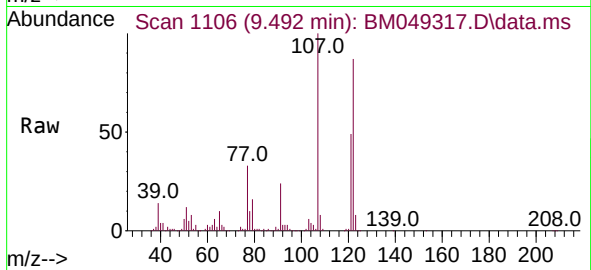




#27  
2,4-Dimethylphenol  
Concen: 40.630 ng  
RT: 9.492 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

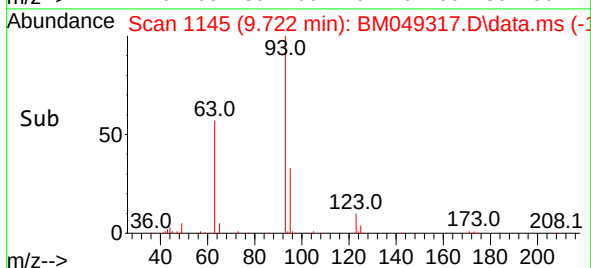
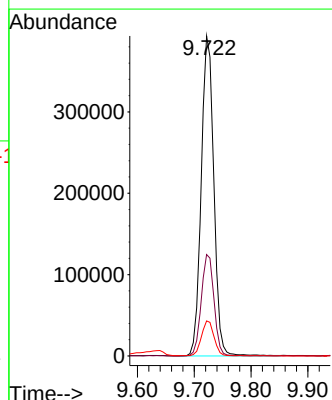
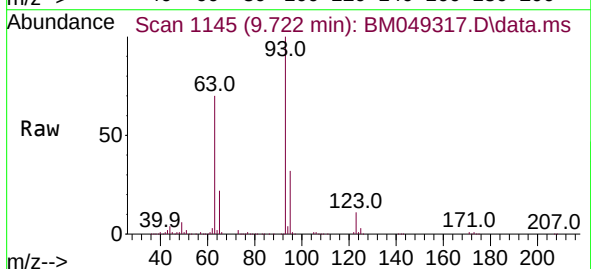
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BNA\_M  
ClientSampleId :  
SSTDICCC040

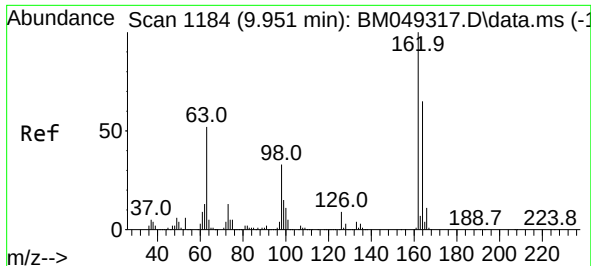
Tgt Ion:122 Resp: 281866  
Ion Ratio Lower Upper  
122 100  
107 115.5 92.4 138.6  
121 56.8 45.4 68.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.692 ng  
RT: 9.722 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion: 93 Resp: 607081  
Ion Ratio Lower Upper  
93 100  
95 31.7 25.4 38.0  
123 10.9 8.7 13.1

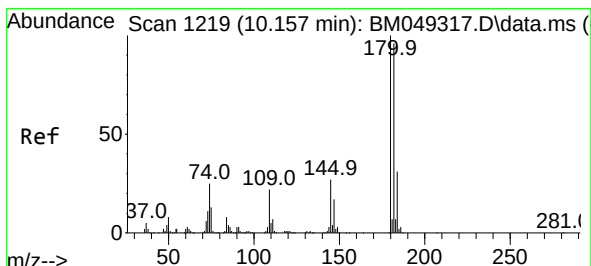
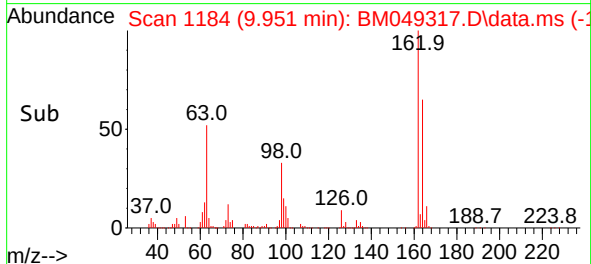
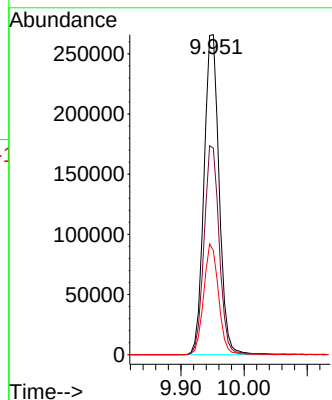
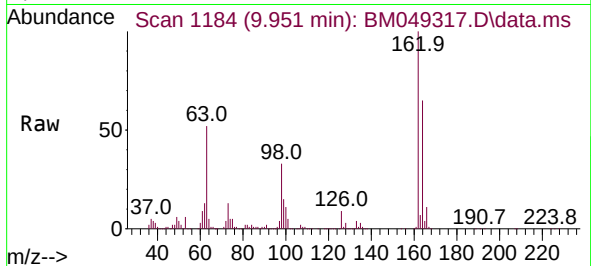




#29  
2,4-Dichlorophenol  
Concen: 40.734 ng  
RT: 9.951 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

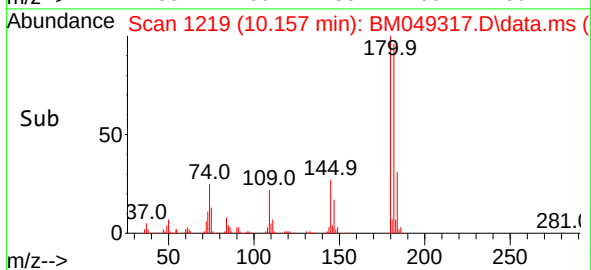
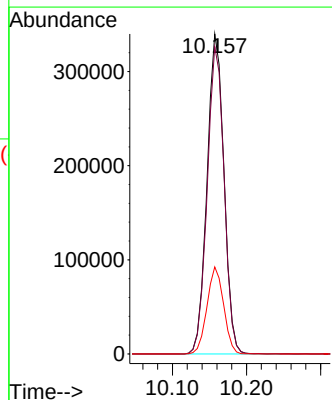
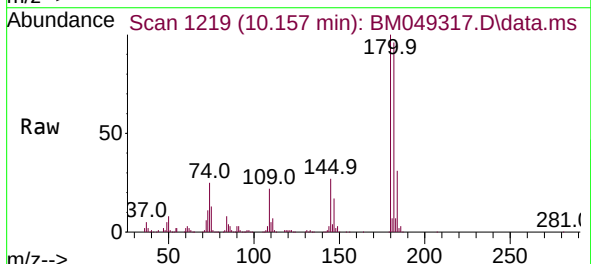
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

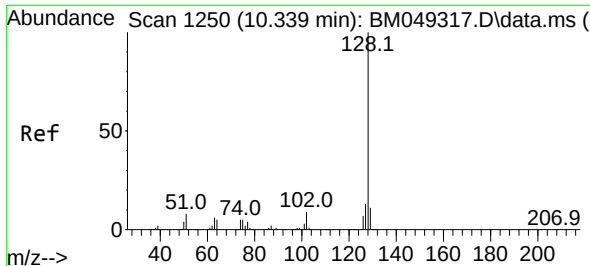
Tgt Ion:162 Resp: 444197  
Ion Ratio Lower Upper  
162 100  
164 64.5 44.5 84.5  
98 32.5 12.5 52.5



#30  
1,2,4-Trichlorobenzene  
Concen: 39.325 ng  
RT: 10.157 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:180 Resp: 538692  
Ion Ratio Lower Upper  
180 100  
182 96.1 76.9 115.3  
145 27.2 21.8 32.6

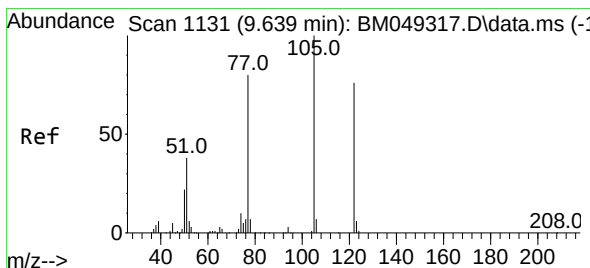
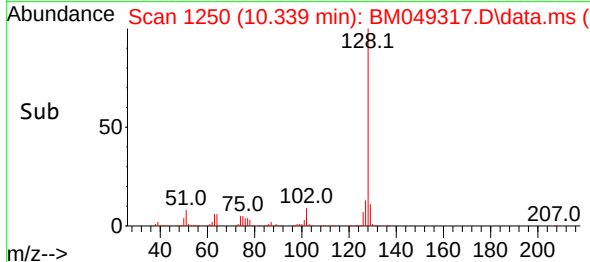
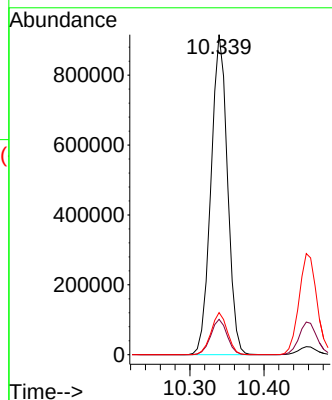
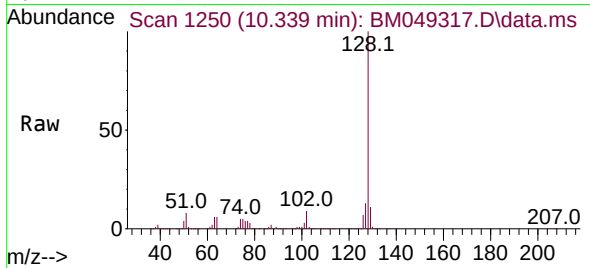




#31  
Naphthalene  
Concen: 39.271 ng  
RT: 10.339 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

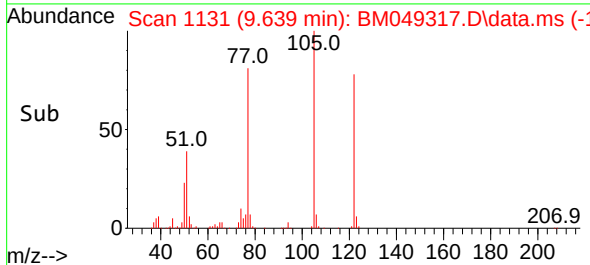
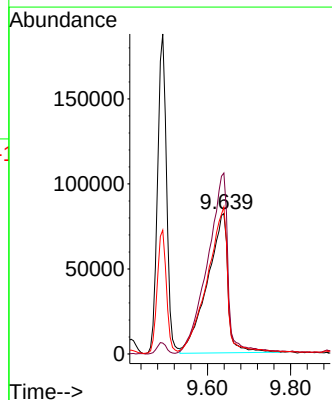
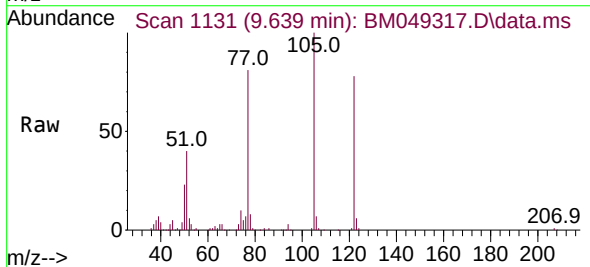
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

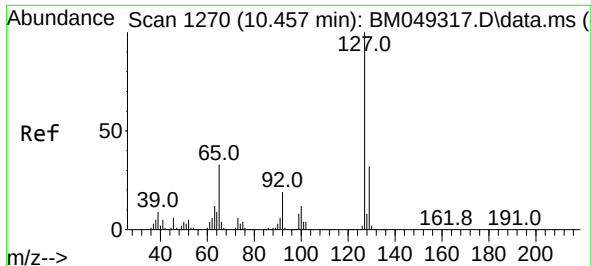
Tgt Ion:128 Resp: 1417269  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.1 10.5 15.7



#32  
Benzoic acid  
Concen: 40.021 ng  
RT: 9.639 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:122 Resp: 281451  
Ion Ratio Lower Upper  
122 100  
105 128.8 108.8 148.8  
77 104.7 84.7 124.7

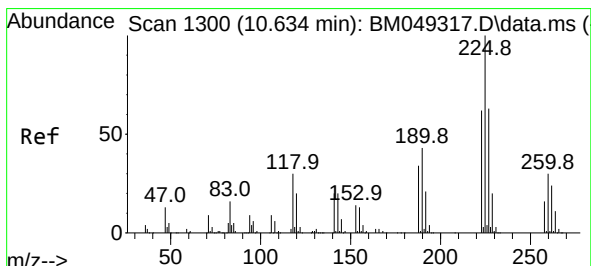
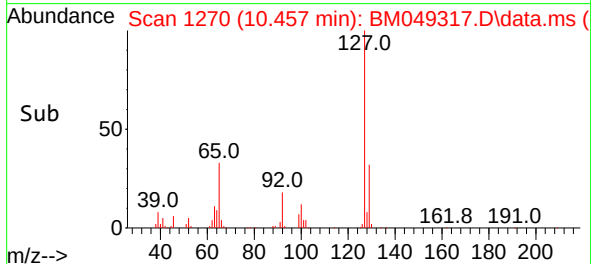
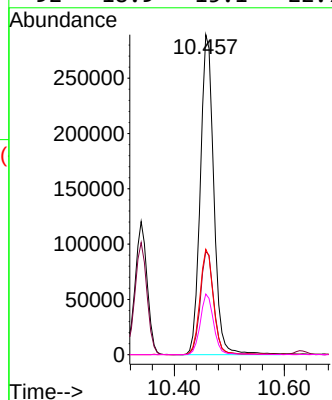
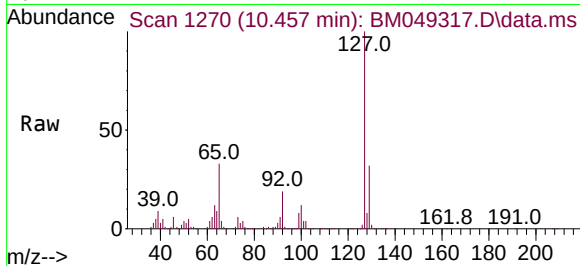




#33  
4-Chloroaniline  
Concen: 40.428 ng  
RT: 10.457 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

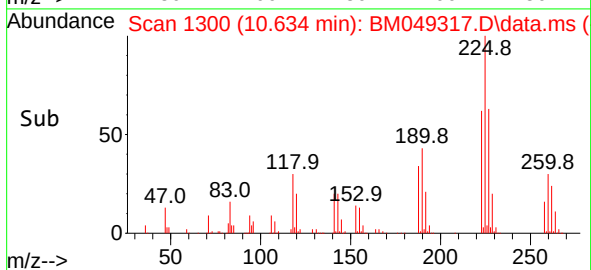
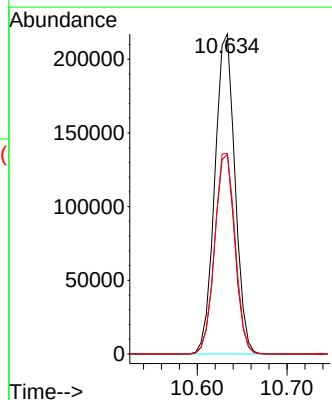
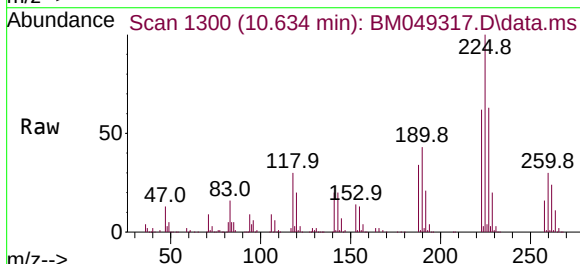
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

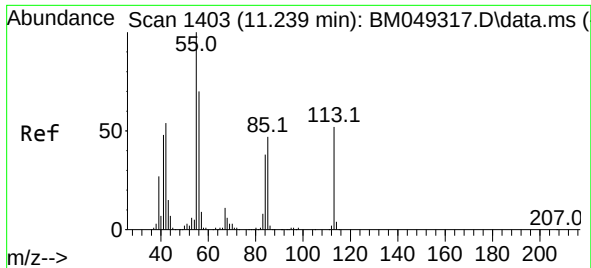
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 495271 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.8  | 38.8   |
| 65       | 32.9  | 26.3  | 39.5   |
| 92       | 18.9  | 15.1  | 22.7   |



#34  
Hexachlorobutadiene  
Concen: 38.935 ng  
RT: 10.634 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 338150 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 49.8  | 74.8   |
| 227      | 62.7  | 50.2  | 75.2   |

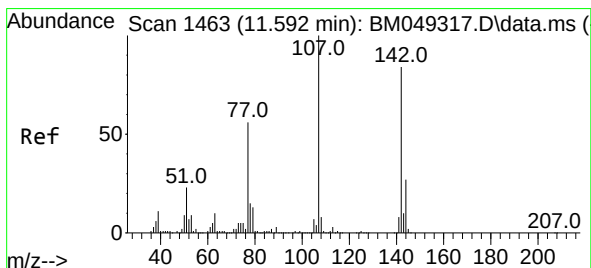
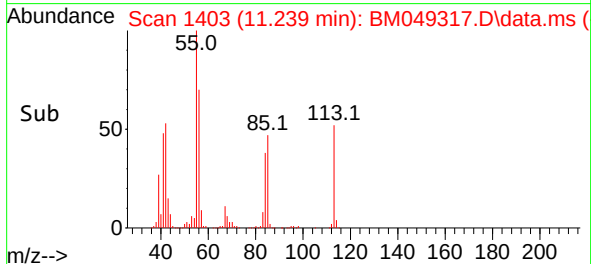
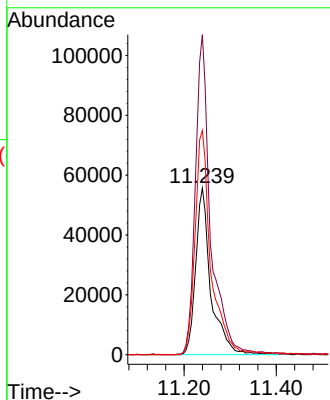
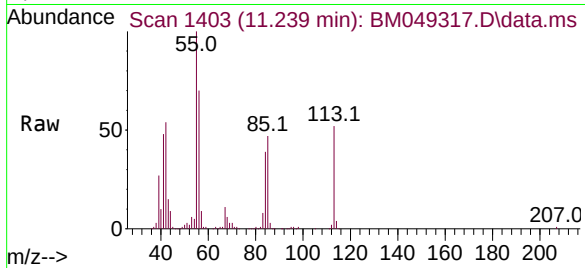




#35  
Caprolactam  
Concen: 39.669 ng  
RT: 11.239 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

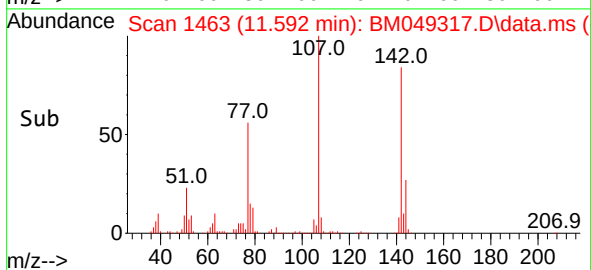
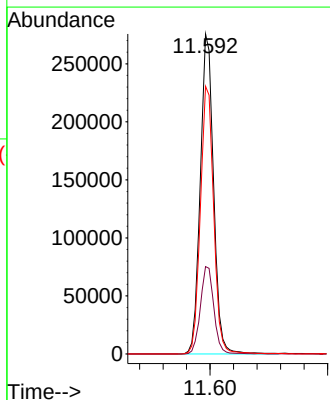
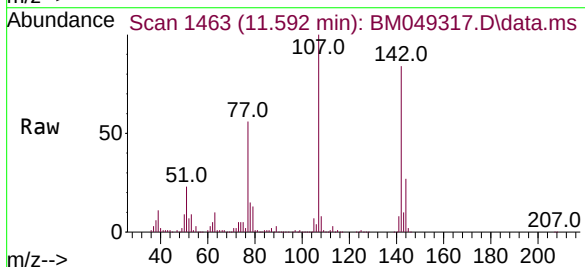
Instrument :  
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ClientSampleId :  
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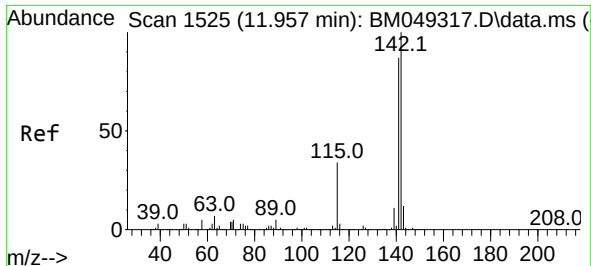
Tgt Ion:113 Resp: 127286  
Ion Ratio Lower Upper  
113 100  
55 192.1 172.1 212.1  
56 134.6 114.6 154.6



#36  
4-Chloro-3-methylphenol  
Concen: 40.986 ng  
RT: 11.592 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:107 Resp: 433944  
Ion Ratio Lower Upper  
107 100  
144 27.3 21.8 32.8  
142 83.6 66.9 100.3

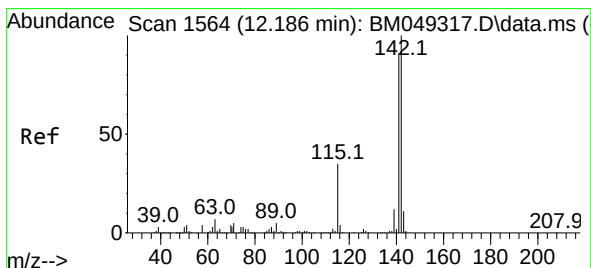
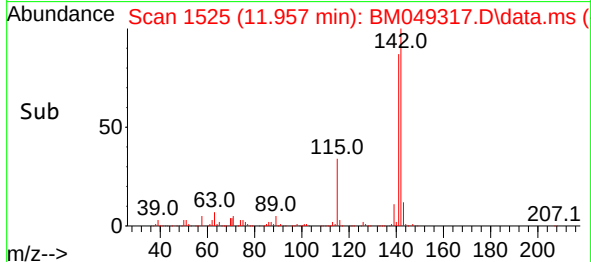
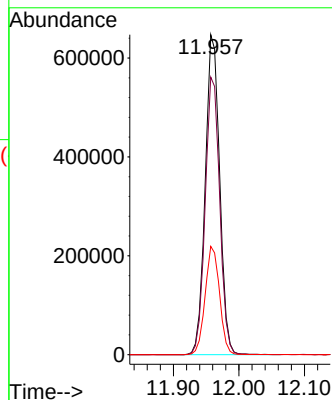
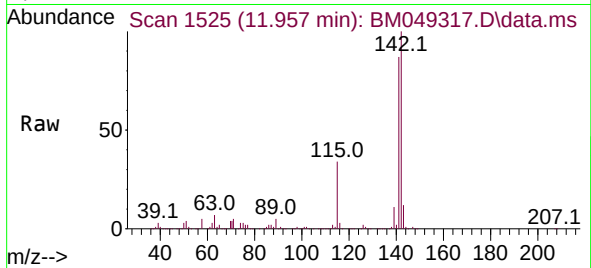




#37  
2-Methylnaphthalene  
Concen: 39.814 ng  
RT: 11.957 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

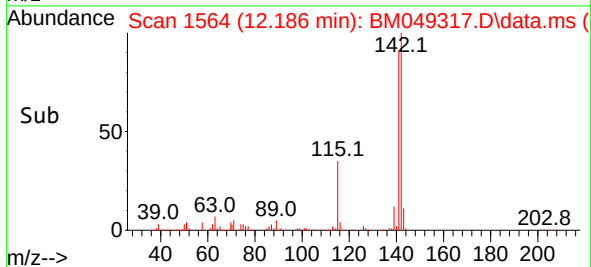
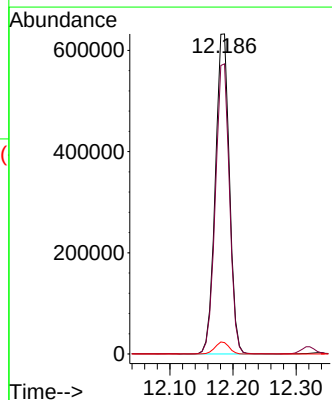
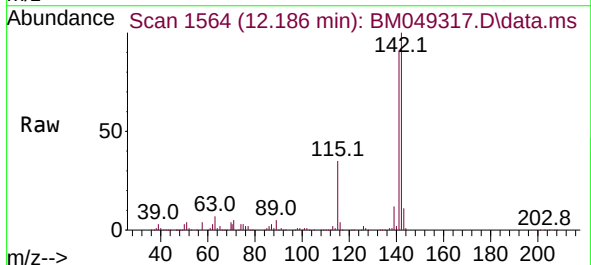
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

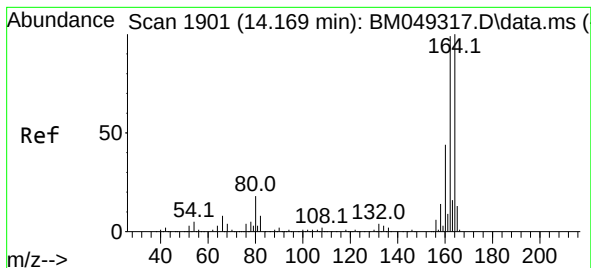
Tgt Ion:142 Resp: 990890  
Ion Ratio Lower Upper  
142 100  
141 86.7 69.4 104.0  
115 33.9 27.1 40.7



#38  
1-Methylnaphthalene  
Concen: 39.769 ng  
RT: 12.186 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:142 Resp: 980902  
Ion Ratio Lower Upper  
142 100  
141 90.7 72.6 108.8  
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.169 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

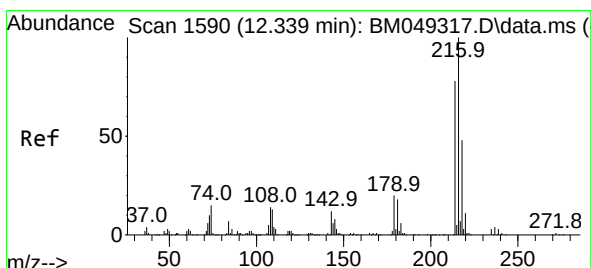
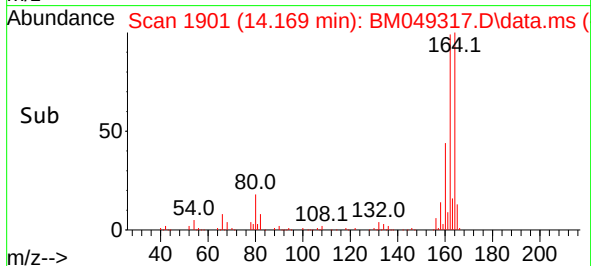
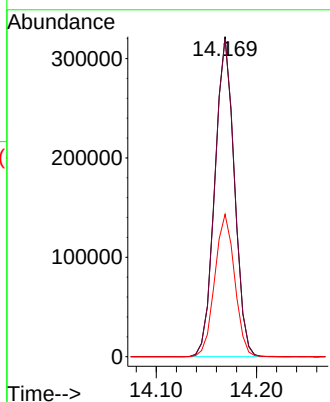
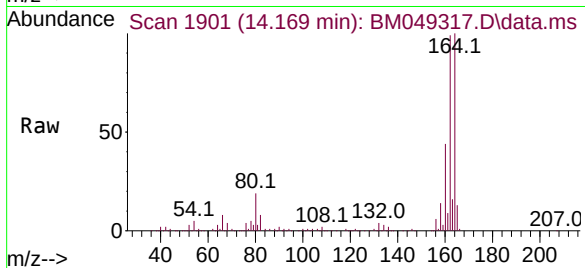
Tgt Ion:164 Resp: 433919

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.2

160 44.5 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.274 ng

RT: 12.339 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Tgt Ion:216 Resp: 577864

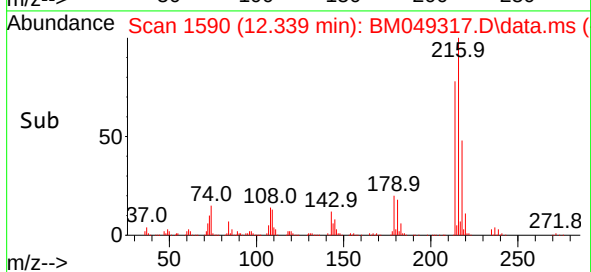
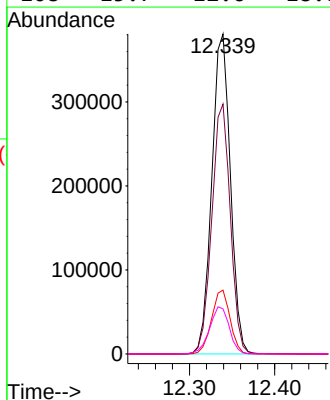
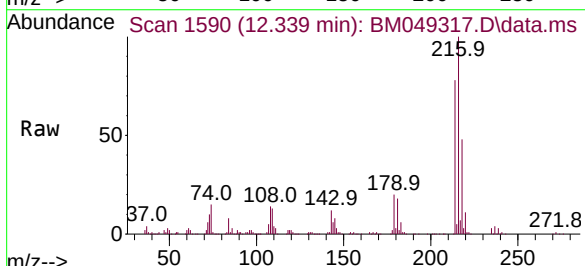
Ion Ratio Lower Upper

216 100

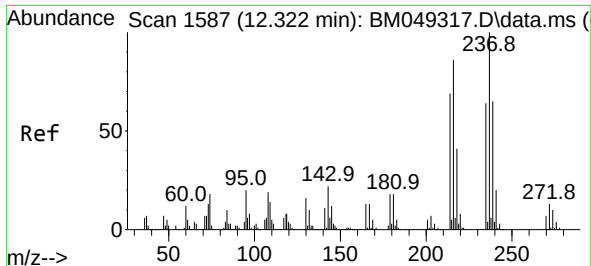
214 77.8 62.2 93.4

179 19.8 15.8 23.8

108 15.7 12.6 18.8



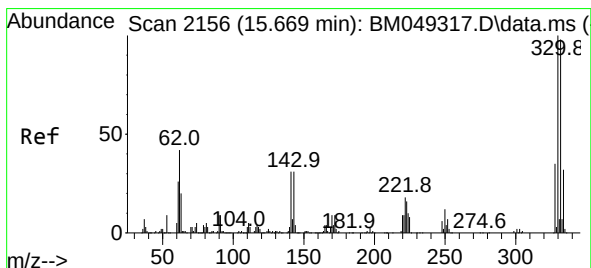
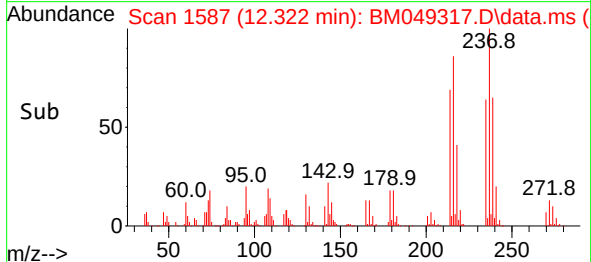
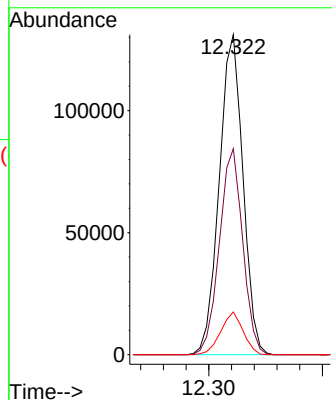
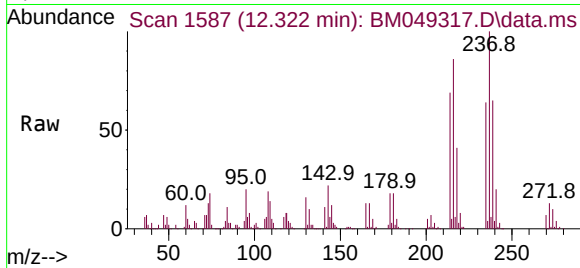




#41  
Hexachlorocyclopentadiene  
Concen: 40.840 ng  
RT: 12.322 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

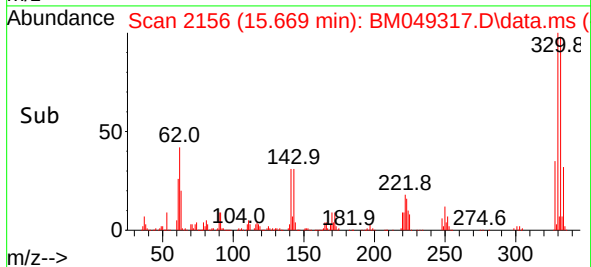
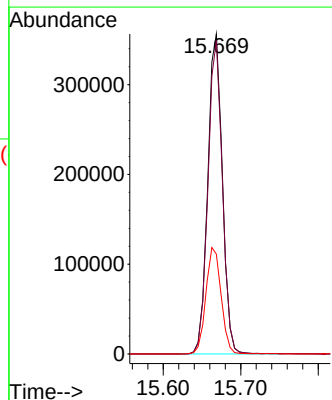
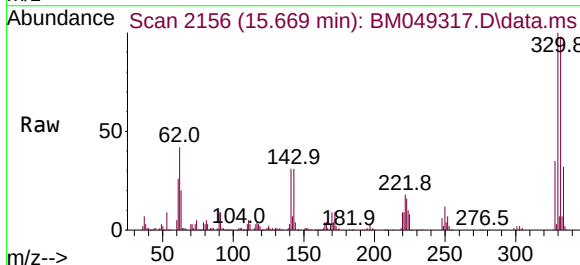
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

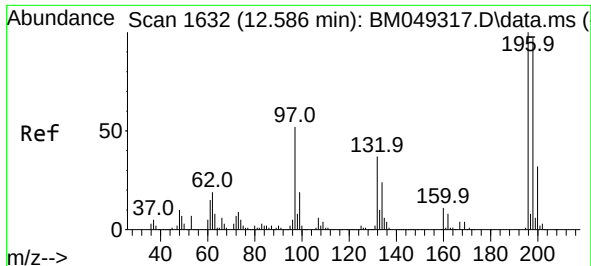
Tgt Ion:237 Resp: 190187  
Ion Ratio Lower Upper  
237 100  
235 64.4 44.4 84.4  
272 13.4 0.0 33.4



#42  
2,4,6-Tribromophenol  
Concen: 81.626 ng  
RT: 15.669 min Scan# 2156  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:330 Resp: 465961  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.4 116.0  
141 34.8 27.8 41.8

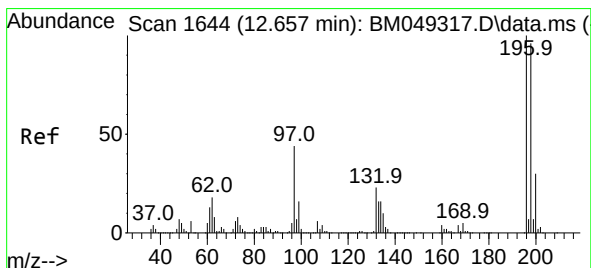
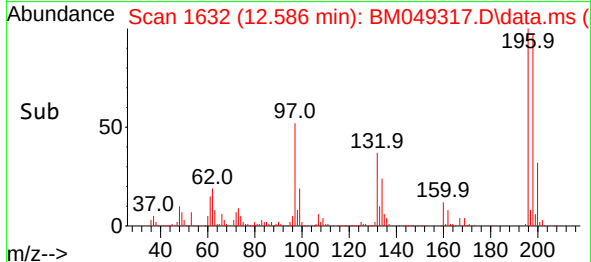
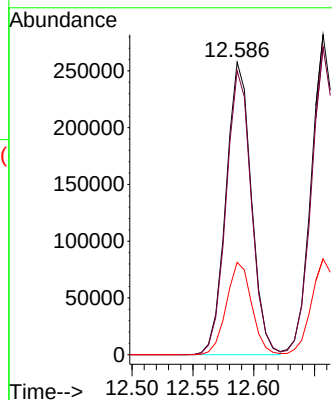
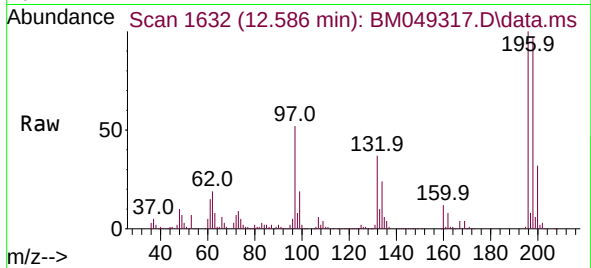




#43  
2,4,6-Trichlorophenol  
Concen: 40.909 ng  
RT: 12.586 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

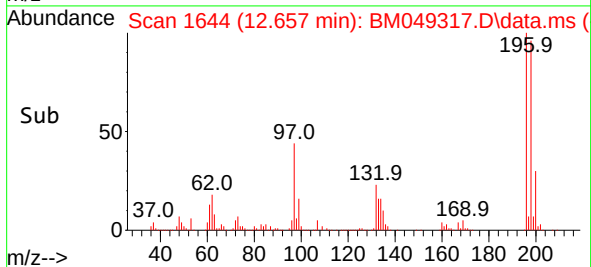
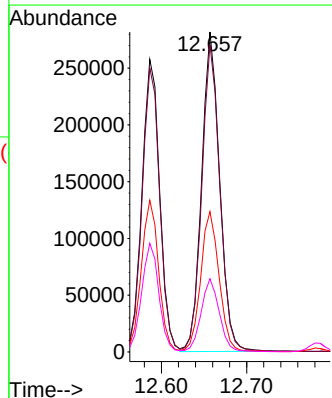
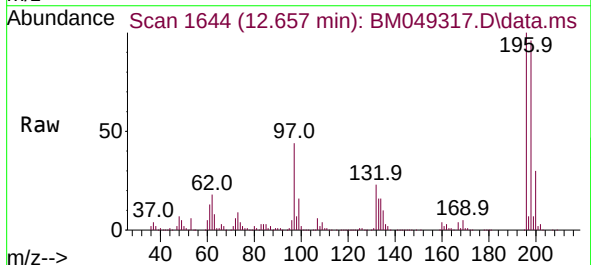
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

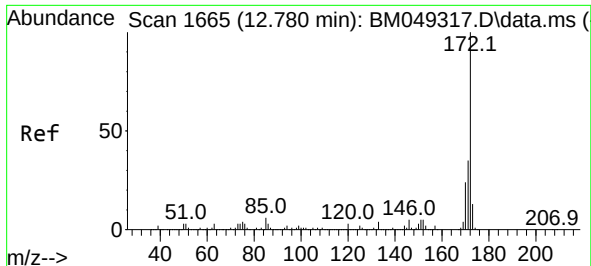
Tgt Ion:196 Resp: 372706  
Ion Ratio Lower Upper  
196 100  
198 97.0 77.6 116.4  
200 31.6 25.3 37.9



#44  
2,4,5-Trichlorophenol  
Concen: 40.477 ng  
RT: 12.657 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:196 Resp: 414684  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.8 115.2  
97 43.9 35.1 52.7  
132 22.9 18.3 27.5

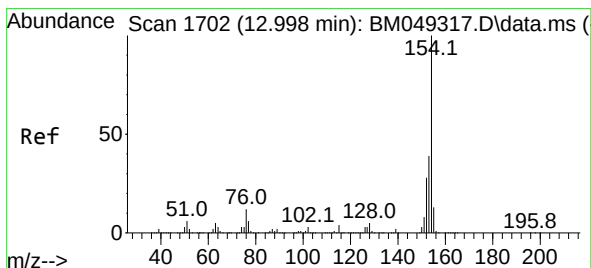
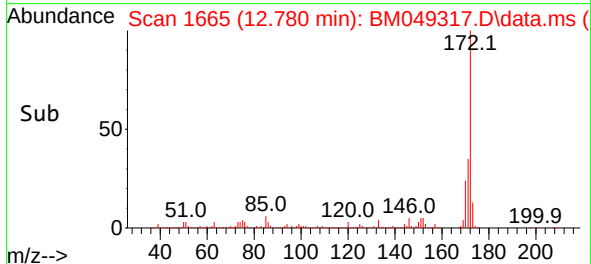
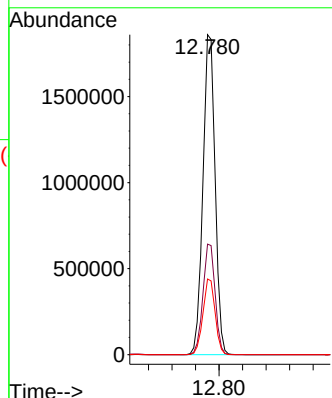
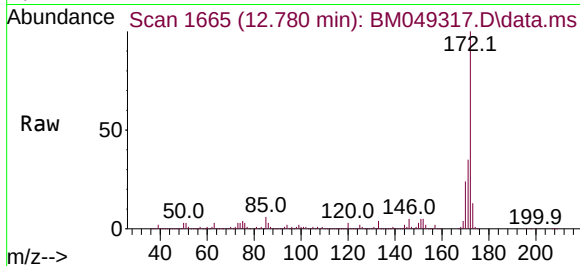




#45  
2-Fluorobiphenyl  
Concen: 79.736 ng  
RT: 12.780 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

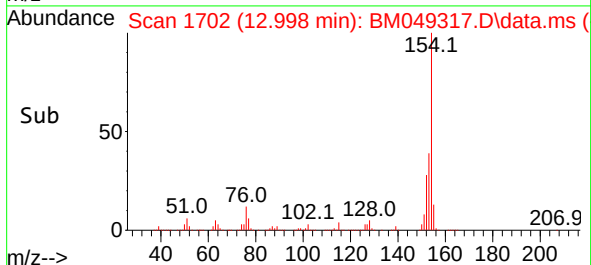
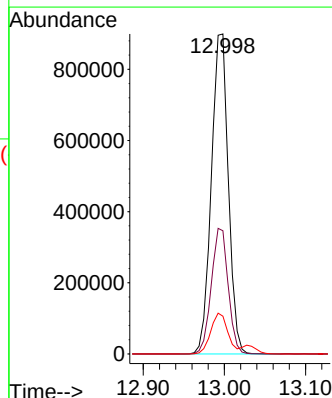
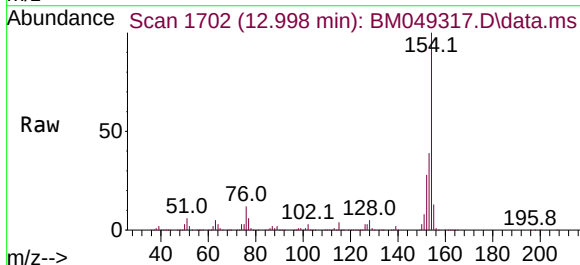
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

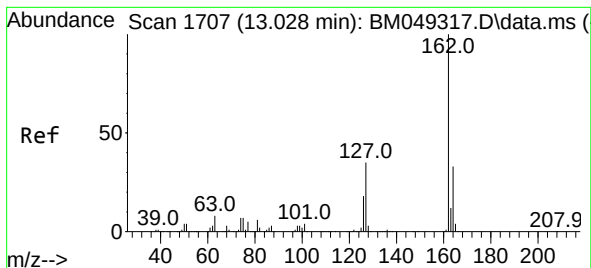
Tgt Ion:172 Resp: 2664878  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.6 41.4  
170 23.6 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 39.853 ng  
RT: 12.998 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:154 Resp: 1304635  
Ion Ratio Lower Upper  
154 100  
153 38.5 18.5 58.5  
76 11.8 0.0 31.8

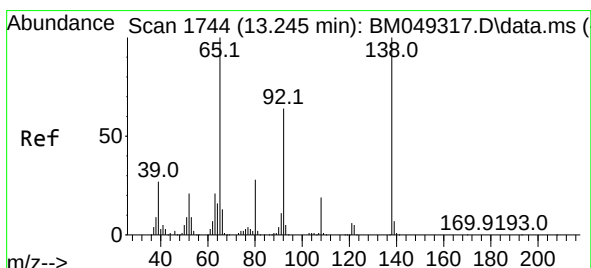
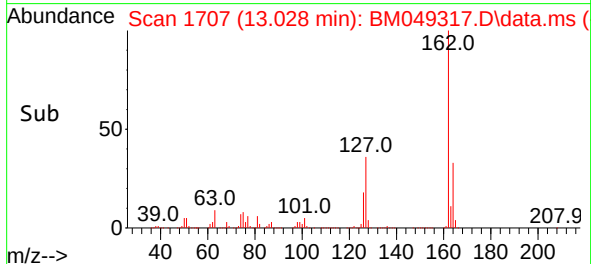
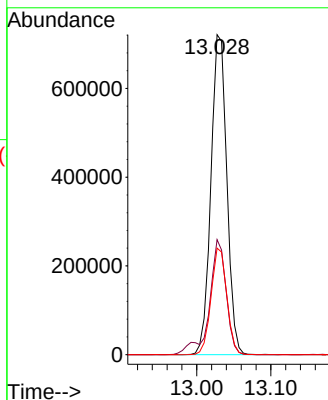
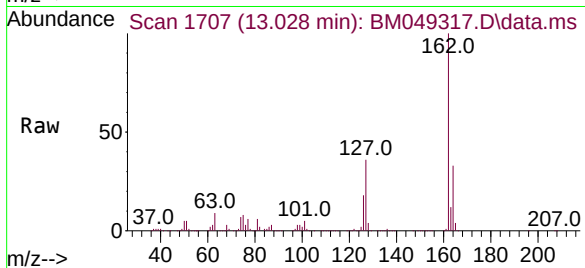




#47  
2-Chloronaphthalene  
Concen: 39.939 ng  
RT: 13.028 min Scan# 1707  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

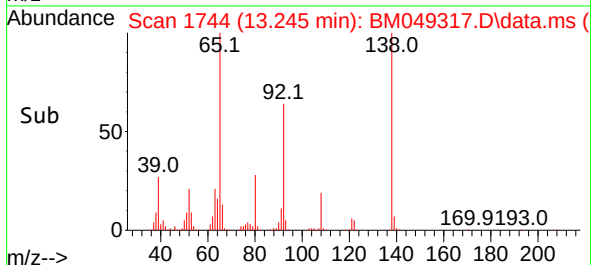
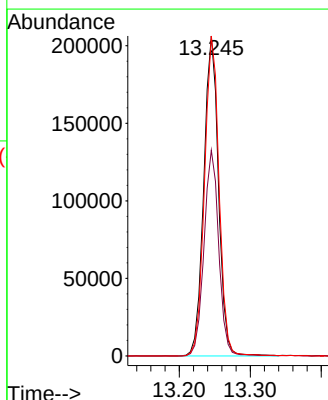
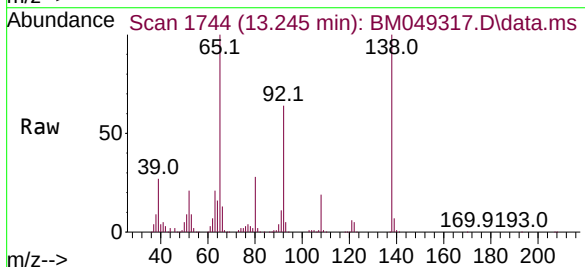
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

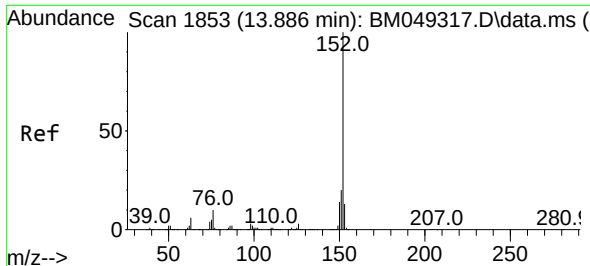
Tgt Ion:162 Resp: 1074054  
Ion Ratio Lower Upper  
162 100  
127 35.9 28.7 43.1  
164 33.3 26.6 40.0



#48  
2-Nitroaniline  
Concen: 42.285 ng  
RT: 13.245 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion: 65 Resp: 297371  
Ion Ratio Lower Upper  
65 100  
92 64.3 51.4 77.2  
138 100.0 80.0 120.0

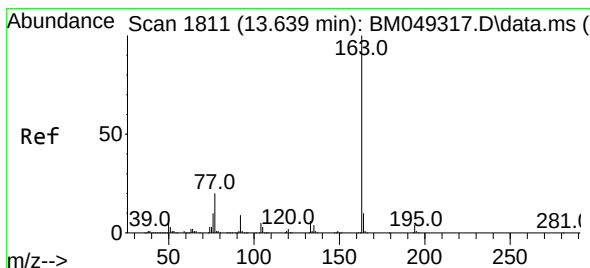
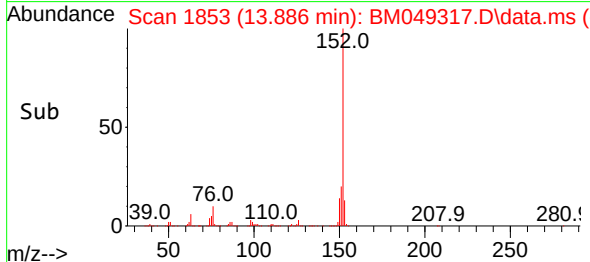
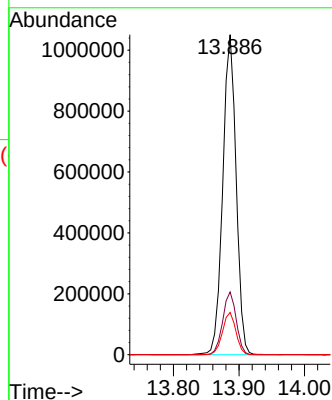
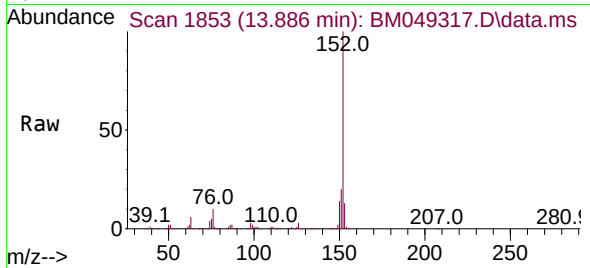




#49  
Acenaphthylene  
Concen: 39.913 ng  
RT: 13.886 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

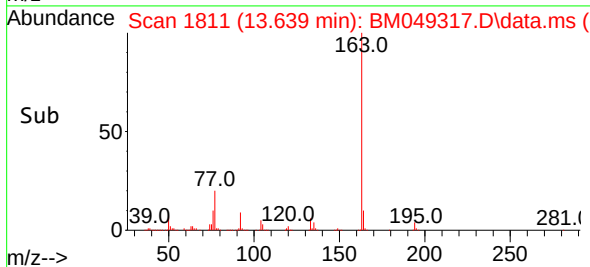
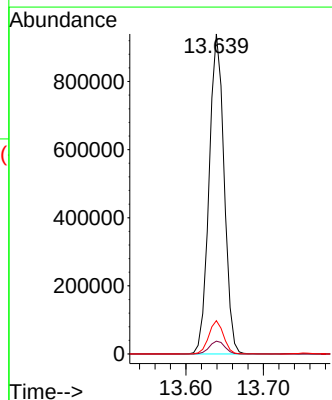
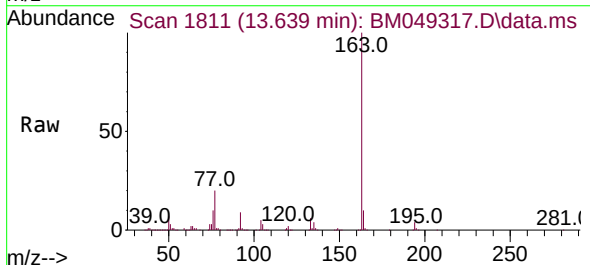
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

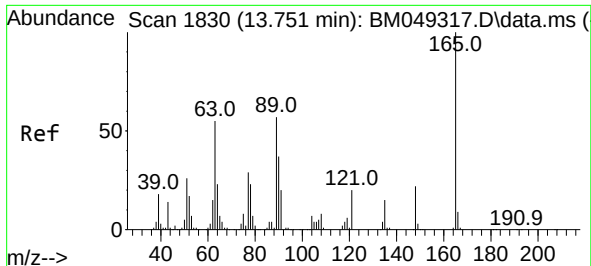
Tgt Ion:152 Resp: 1480413  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.7 23.5  
153 13.2 10.6 15.8



#50  
Dimethylphthalate  
Concen: 39.575 ng  
RT: 13.639 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:163 Resp: 1262615  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 40.614 ng

RT: 13.751 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

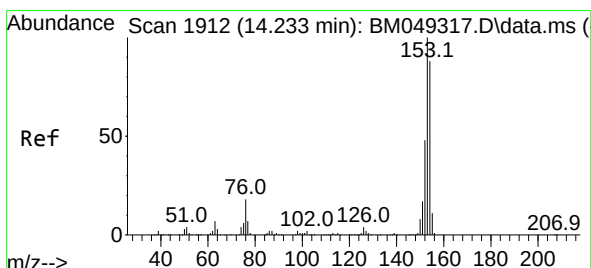
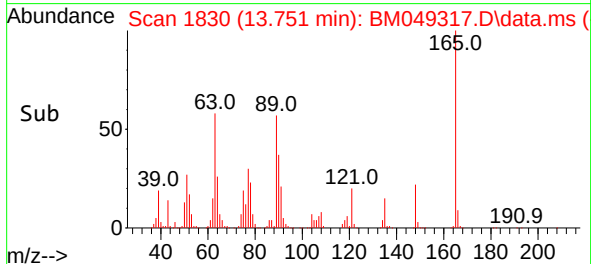
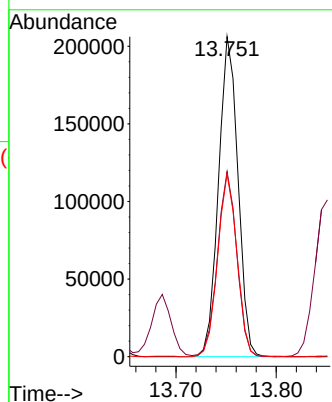
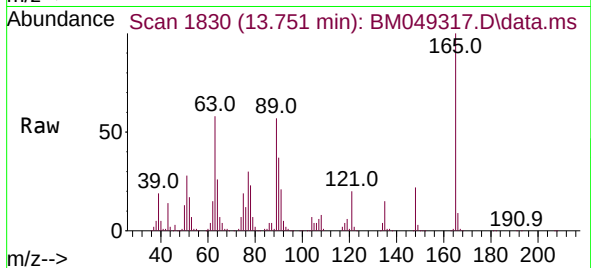
Tgt Ion:165 Resp: 277356

Ion Ratio Lower Upper

165 100

63 57.9 46.3 69.5

89 57.1 45.7 68.5



#52

Acenaphthene

Concen: 39.943 ng

RT: 14.233 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

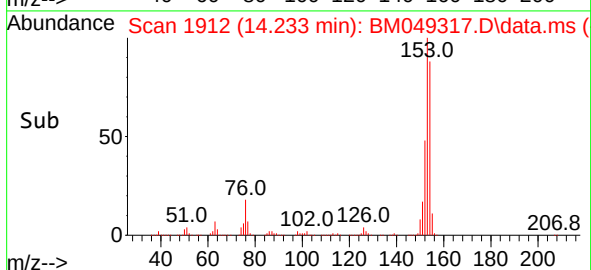
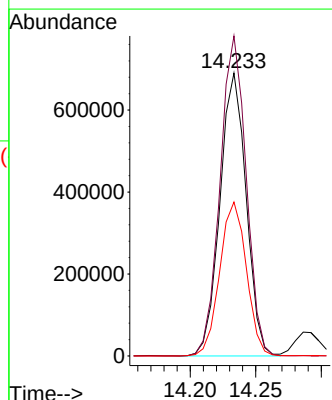
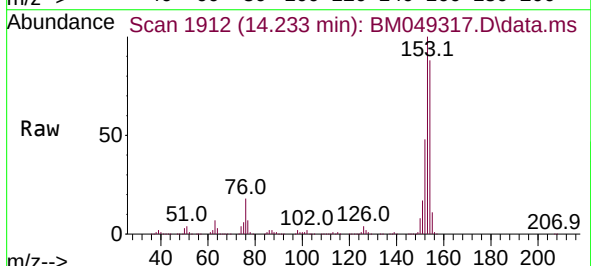
Tgt Ion:154 Resp: 960961

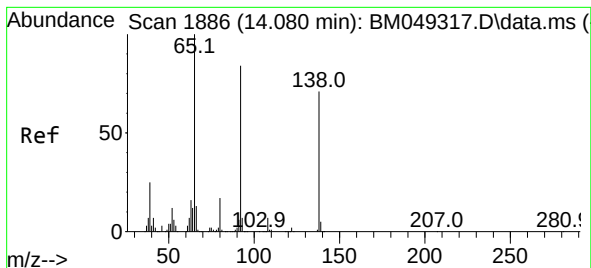
Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

152 54.4 43.5 65.3

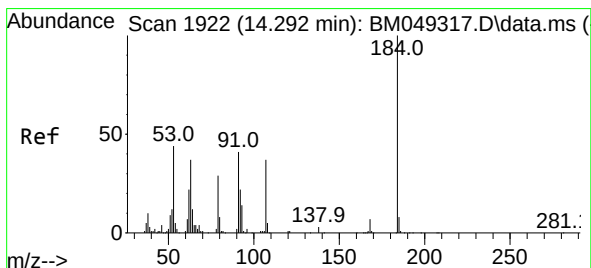
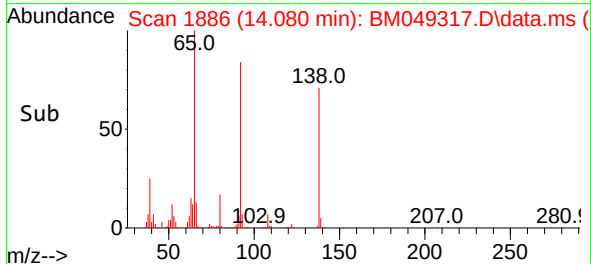
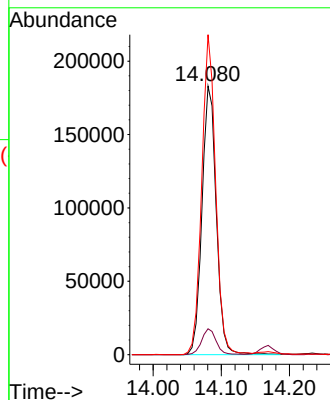
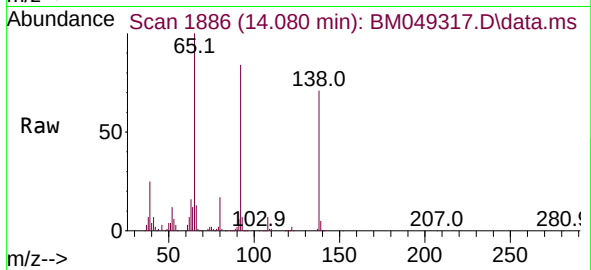




#53  
3-Nitroaniline  
Concen: 42.140 ng  
RT: 14.080 min Scan# 1886  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

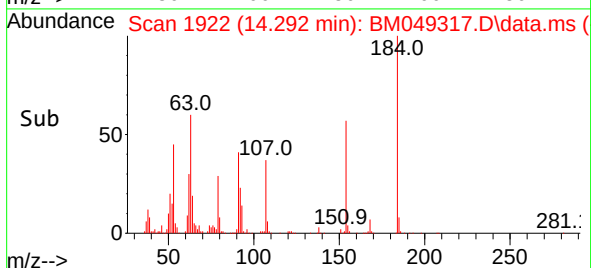
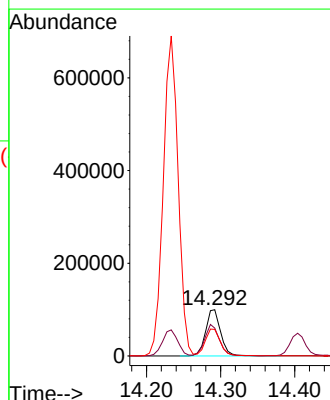
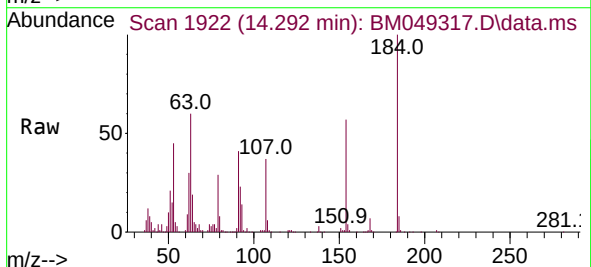
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

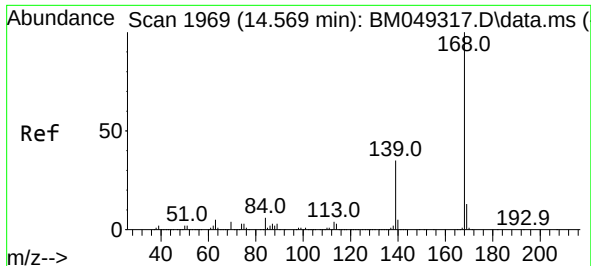
Tgt Ion:138 Resp: 267388  
Ion Ratio Lower Upper  
138 100  
108 9.7 7.8 11.6  
92 119.2 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 37.569 ng  
RT: 14.292 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:184 Resp: 140687  
Ion Ratio Lower Upper  
184 100  
63 60.3 48.2 72.4  
154 57.3 45.8 68.8

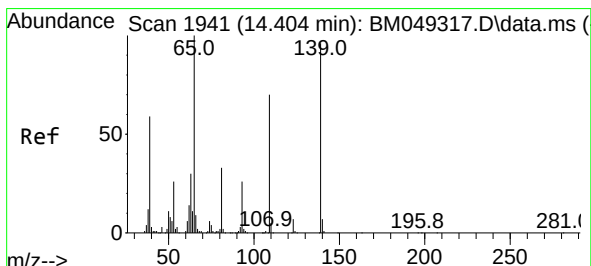
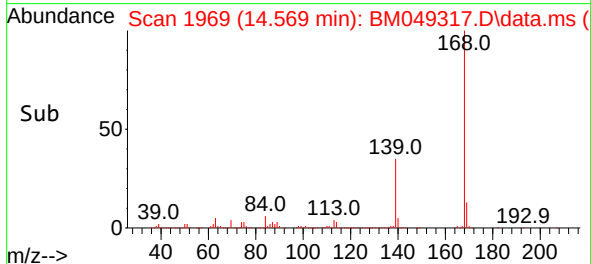
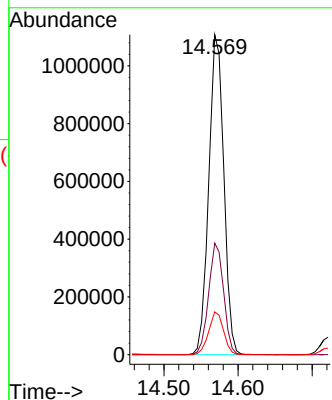
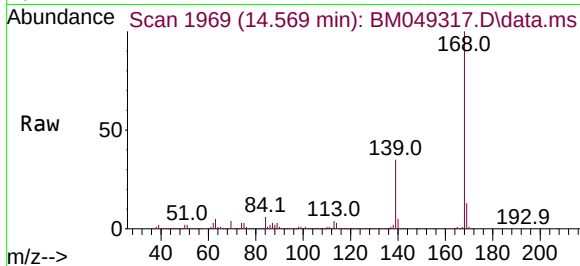




#55  
Dibenzenofuran  
Concen: 39.218 ng  
RT: 14.569 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

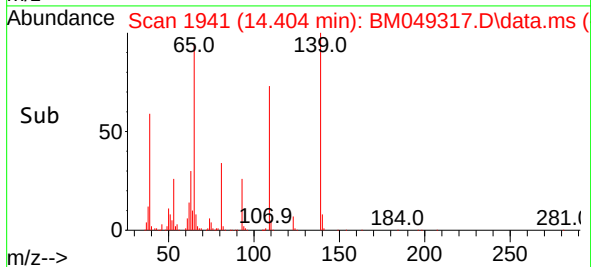
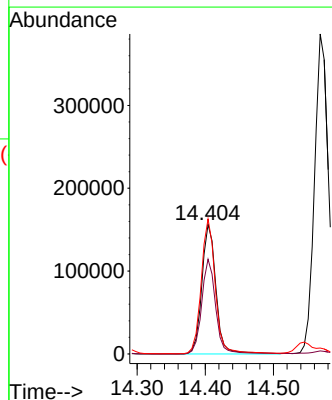
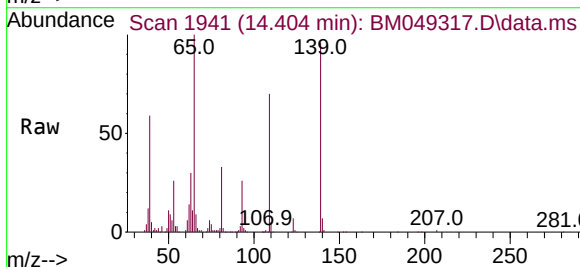
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

Tgt Ion:168 Resp: 1560533  
Ion Ratio Lower Upper  
168 100  
139 34.9 27.9 41.9  
169 13.4 10.7 16.1

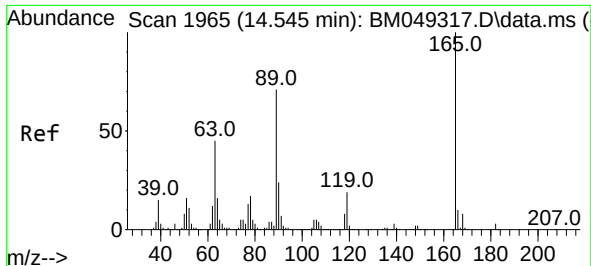


#56  
4-Nitrophenol  
Concen: 40.594 ng  
RT: 14.404 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:139 Resp: 225257  
Ion Ratio Lower Upper  
139 100  
109 73.1 53.1 93.1  
65 104.2 84.2 124.2







#57

2,4-Dinitrotoluene

Concen: 42.106 ng

RT: 14.545 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BM049317.D

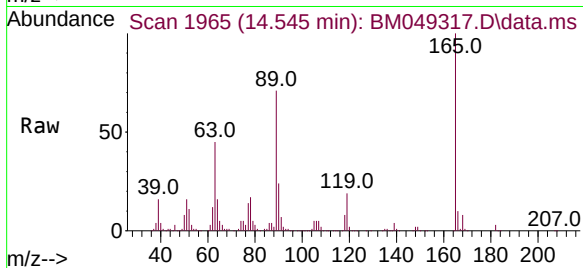
Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040



Tgt Ion:165 Resp: 385348

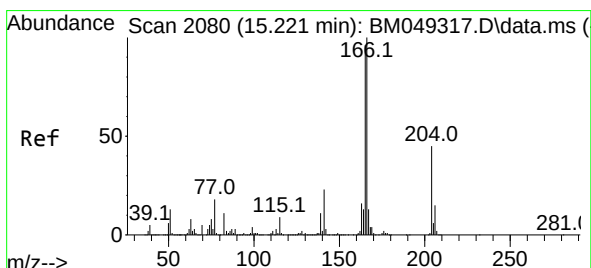
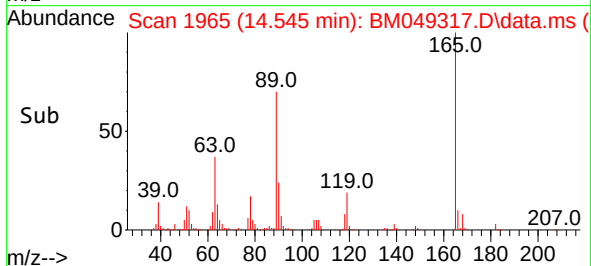
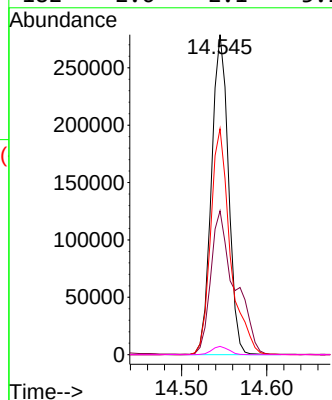
Ion Ratio Lower Upper

165 100

63 44.9 35.9 53.9

89 70.6 56.5 84.7

182 2.6 2.1 3.1



#58

Fluorene

Concen: 40.525 ng

RT: 15.221 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

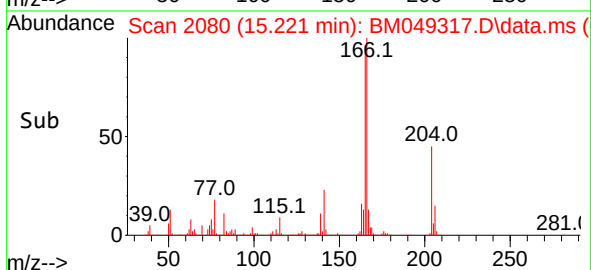
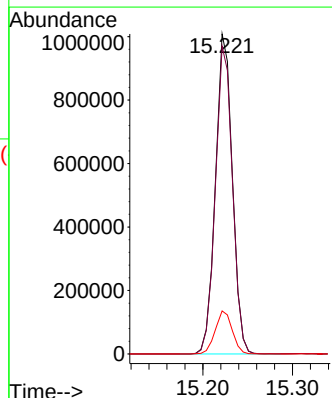
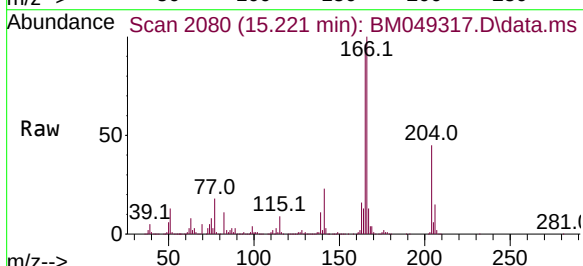
Tgt Ion:166 Resp: 1318788

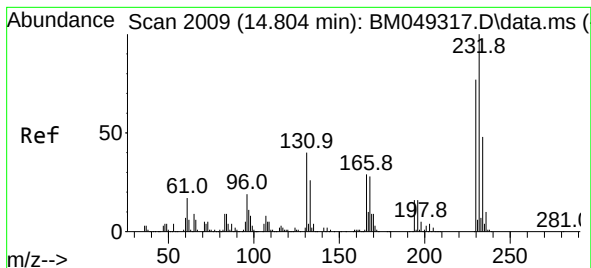
Ion Ratio Lower Upper

166 100

165 96.2 77.0 115.4

167 13.4 10.7 16.1

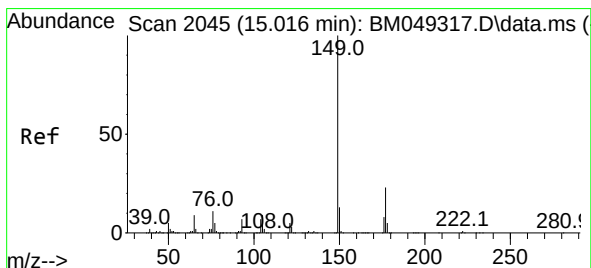
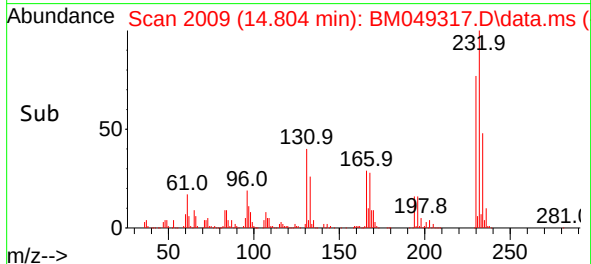
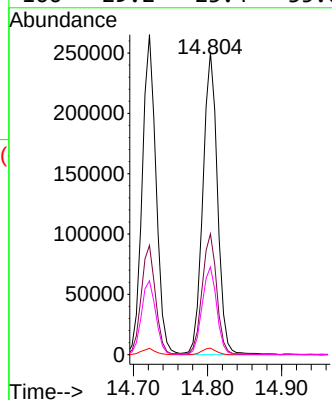
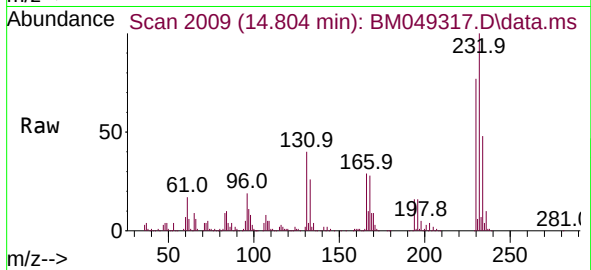




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.244 ng  
RT: 14.804 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

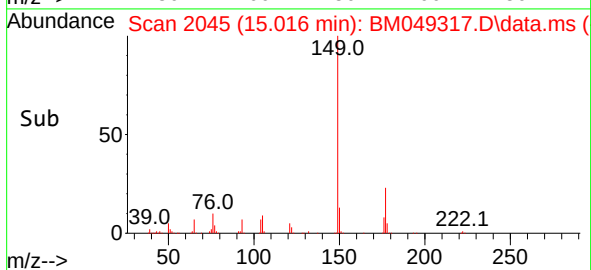
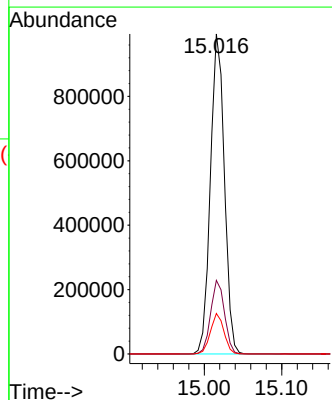
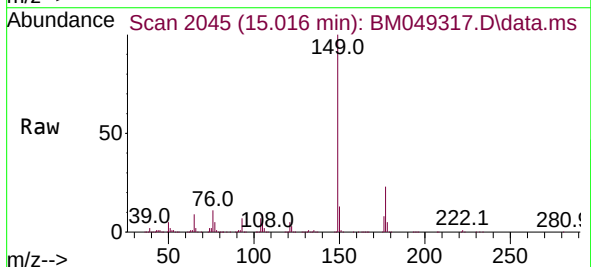
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

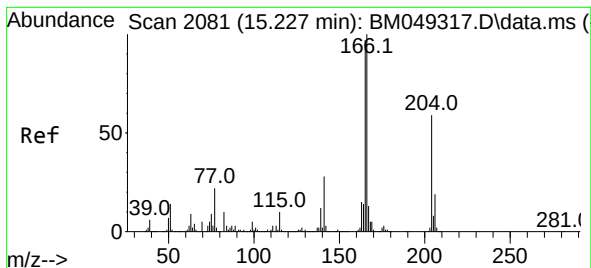
Tgt Ion:232 Resp: 344294  
Ion Ratio Lower Upper  
232 100  
131 39.7 31.8 47.6  
130 2.0 1.6 2.4  
166 29.2 23.4 35.0



#60  
Diethylphthalate  
Concen: 39.934 ng  
RT: 15.016 min Scan# 2045  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:149 Resp: 1244789  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.4 27.6  
150 12.7 10.2 15.2

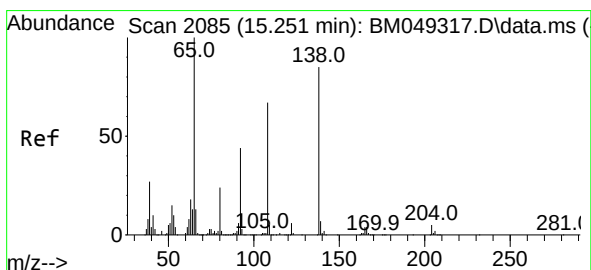
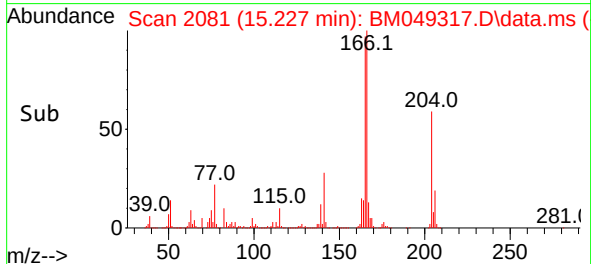
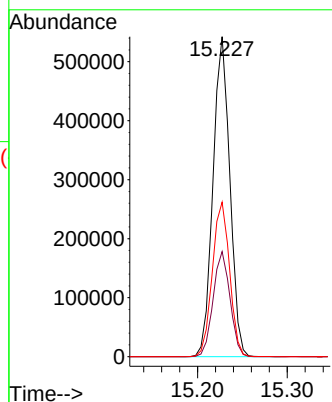
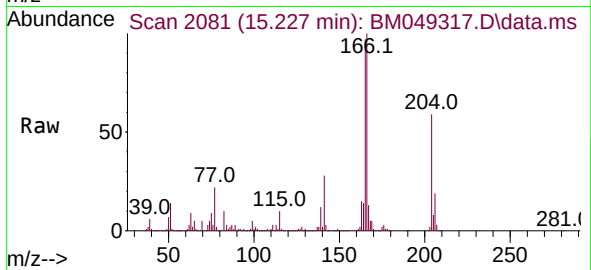




#61  
4-Chlorophenyl-phenylether  
Concen: 39.814 ng  
RT: 15.227 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

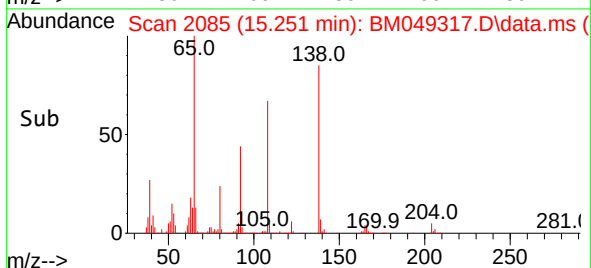
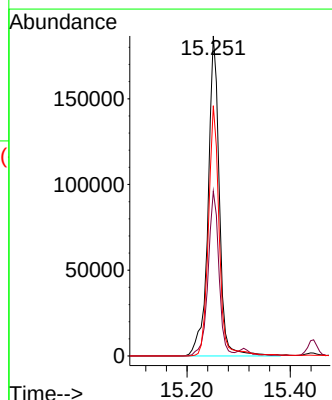
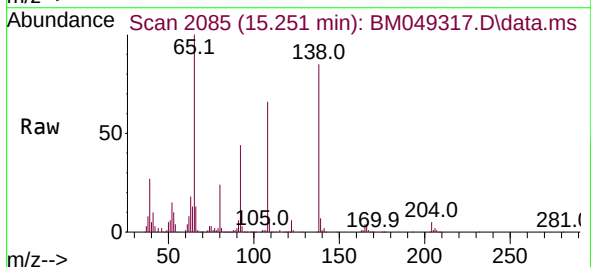
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

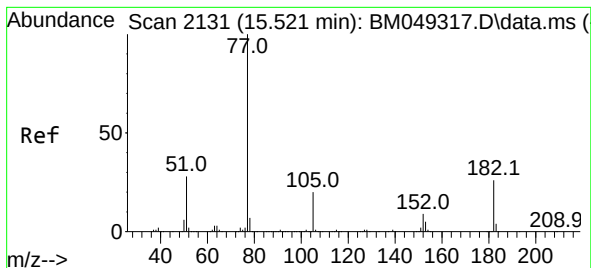
Tgt Ion:204 Resp: 707315  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.3 39.5  
141 48.3 38.6 58.0



#62  
4-Nitroaniline  
Concen: 38.590 ng  
RT: 15.251 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:138 Resp: 282873  
Ion Ratio Lower Upper  
138 100  
92 51.5 31.5 71.5  
108 78.2 58.2 98.2





#63

Azobenzene

Concen: 40.197 ng

RT: 15.521 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 1213034

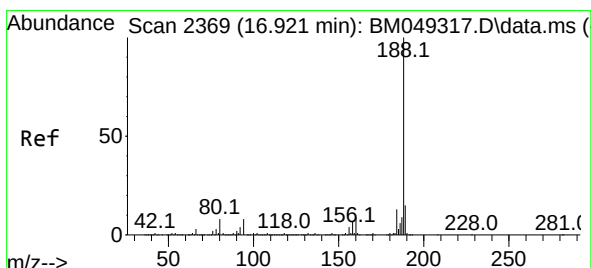
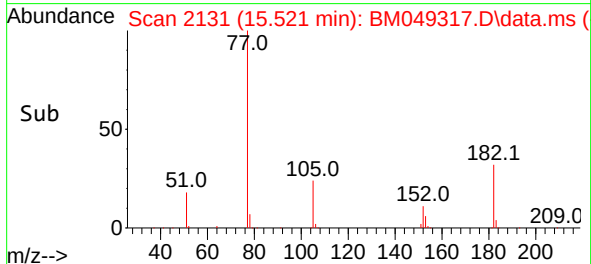
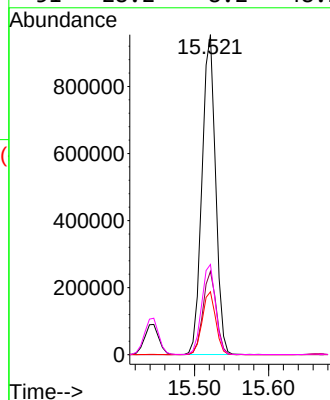
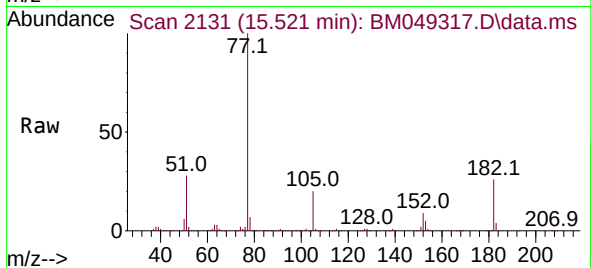
Ion Ratio Lower Upper

77 100

182 26.0 6.0 46.0

105 19.6 0.0 39.6

51 28.2 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.921 min Scan# 2369

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

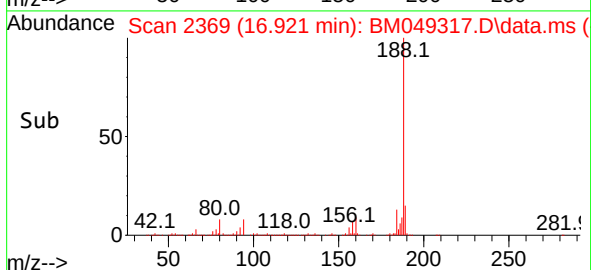
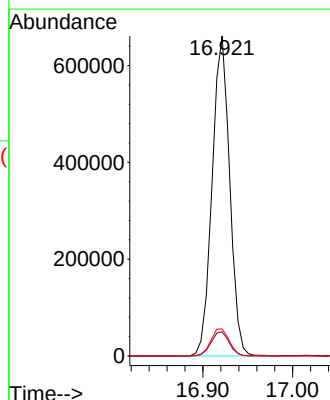
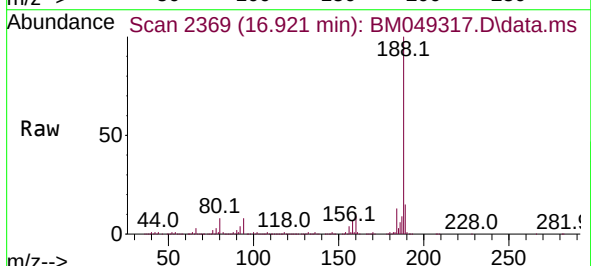
Tgt Ion:188 Resp: 895982

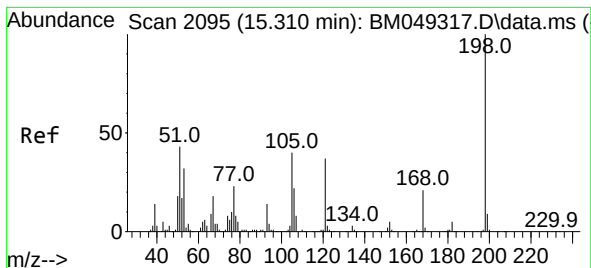
Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

80 8.4 6.7 10.1

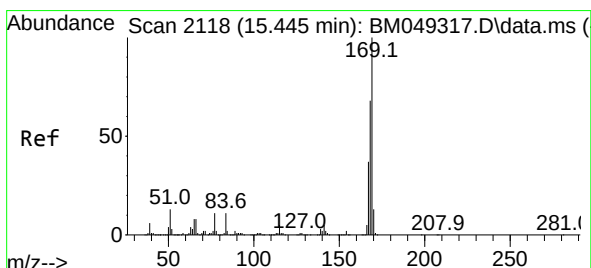
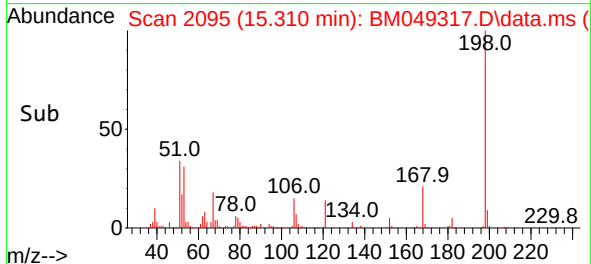
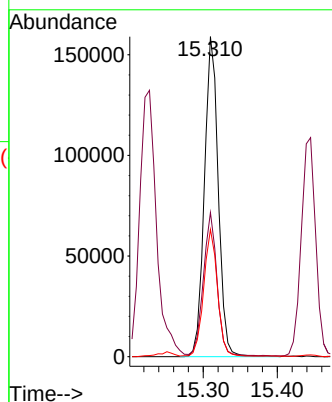
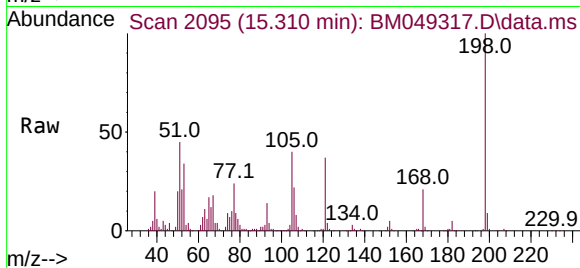




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.792 ng  
RT: 15.310 min Scan# 2095  
Delta R.T. -0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

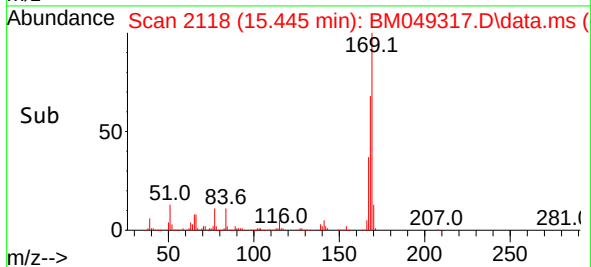
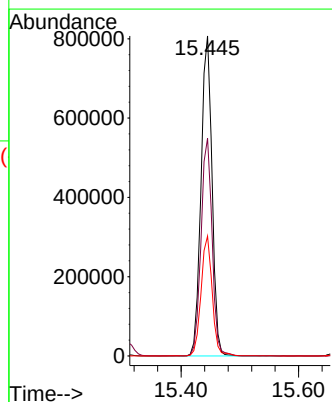
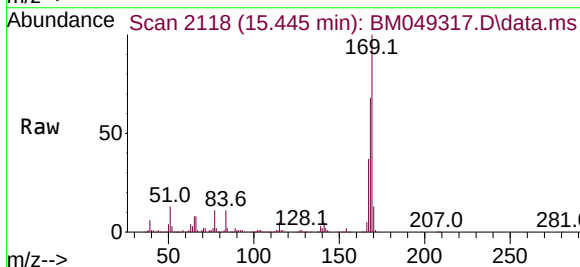
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

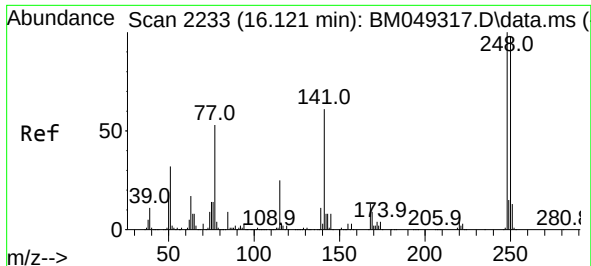
Tgt Ion:198 Resp: 206428  
Ion Ratio Lower Upper  
198 100  
51 45.1 25.1 65.1  
105 39.7 19.7 59.7



#66  
n-Nitrosodiphenylamine  
Concen: 40.622 ng  
RT: 15.445 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:169 Resp: 1044528  
Ion Ratio Lower Upper  
169 100  
168 68.1 54.5 81.7  
167 37.5 30.0 45.0

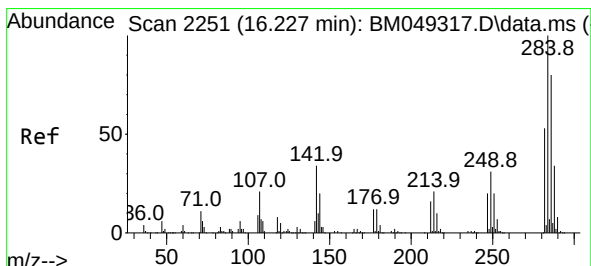
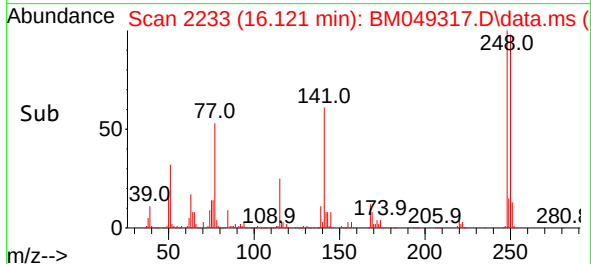
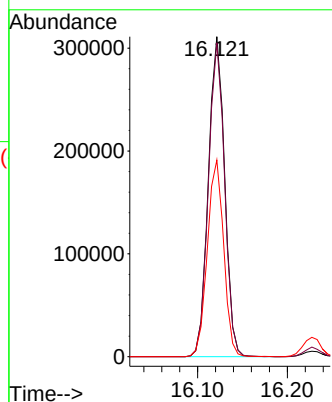
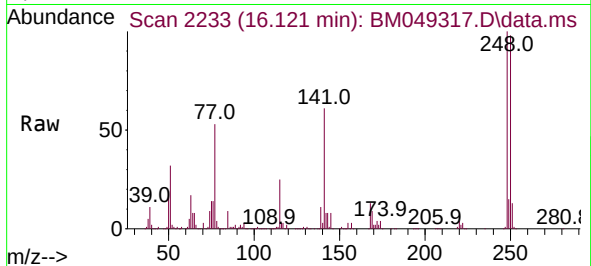




#67  
4-Bromophenyl-phenylether  
Concen: 40.548 ng  
RT: 16.121 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

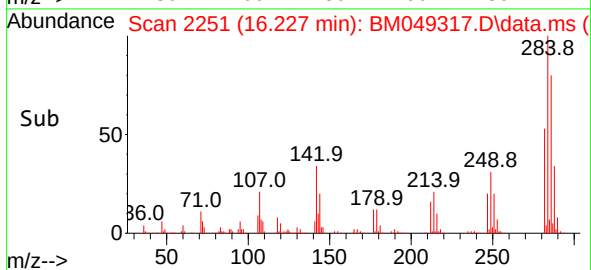
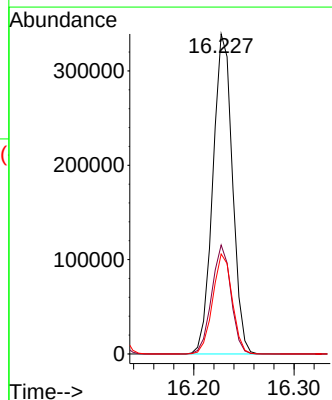
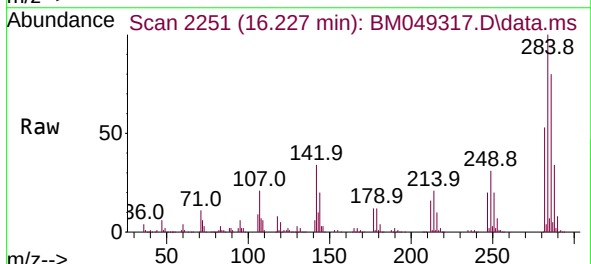
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

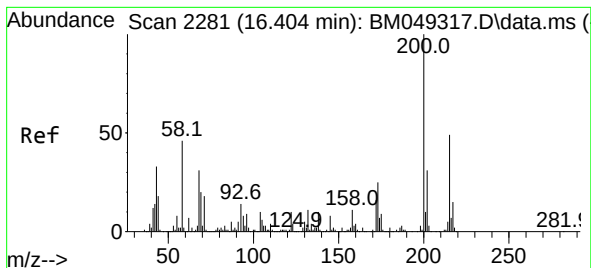
Tgt Ion:248 Resp: 393056  
Ion Ratio Lower Upper  
248 100  
250 98.1 78.5 117.7  
141 61.5 49.2 73.8



#68  
Hexachlorobenzene  
Concen: 39.518 ng  
RT: 16.227 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:284 Resp: 459835  
Ion Ratio Lower Upper  
284 100  
142 34.1 27.3 40.9  
249 31.3 25.0 37.6





#69

Atrazine

Concen: 39.479 ng

RT: 16.404 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

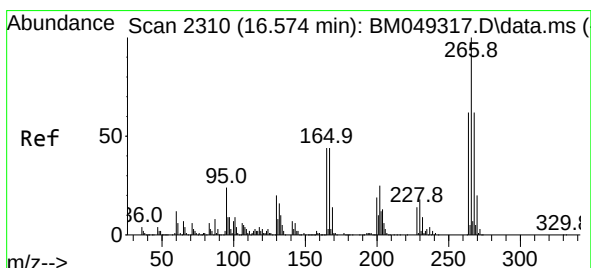
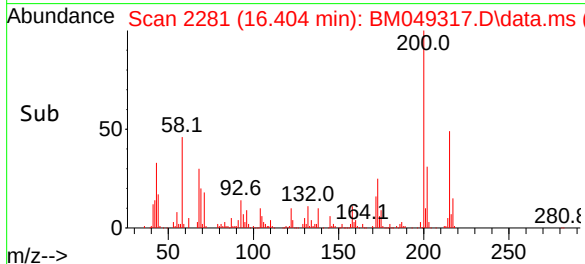
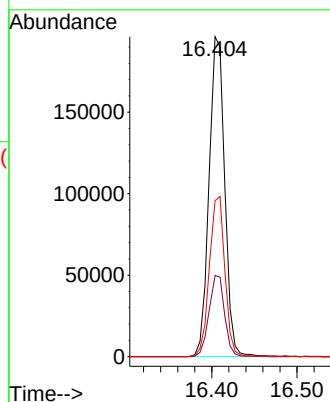
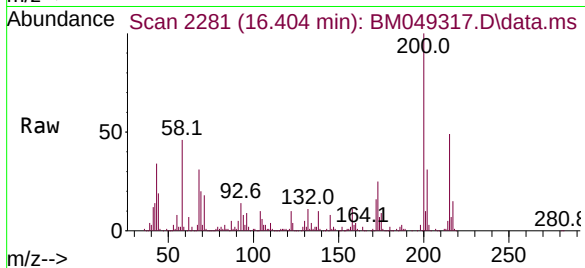
Tgt Ion:200 Resp: 250871

Ion Ratio Lower Upper

200 100

173 25.3 5.3 45.3

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 42.443 ng

RT: 16.574 min Scan# 2310

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

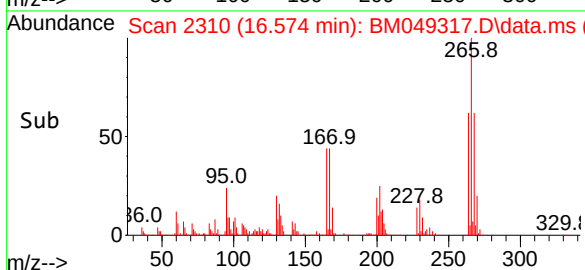
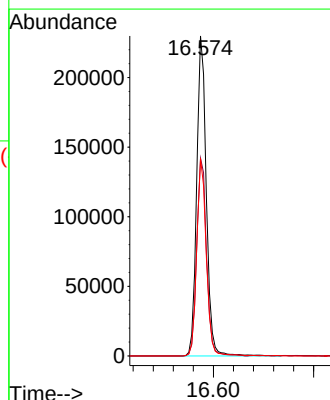
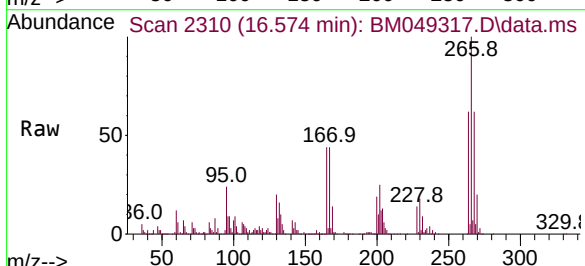
Tgt Ion:266 Resp: 305132

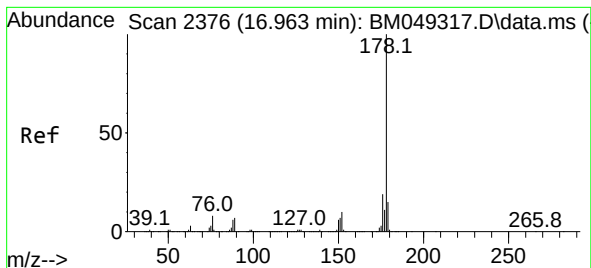
Ion Ratio Lower Upper

266 100

268 61.8 49.4 74.2

264 61.7 49.4 74.0





#71

Phenanthrene

Concen: 40.024 ng

RT: 16.963 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

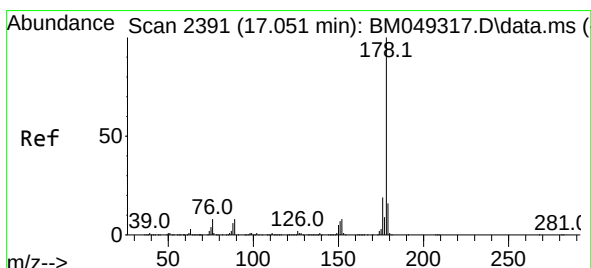
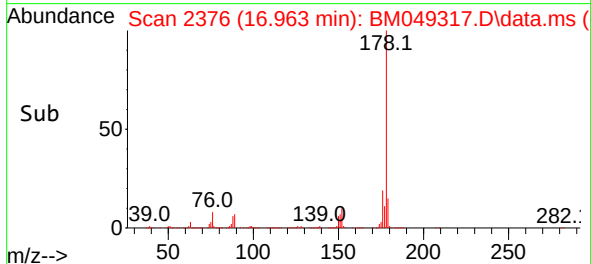
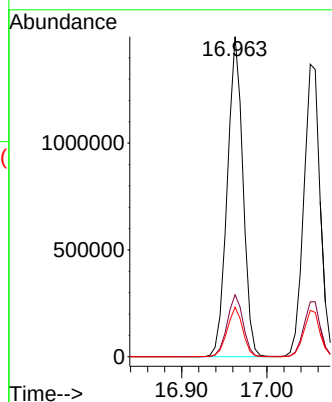
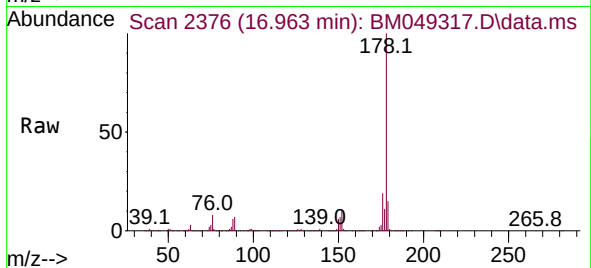
Tgt Ion:178 Resp: 1911097

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.5 12.4 18.6



#72

Anthracene

Concen: 40.618 ng

RT: 17.051 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

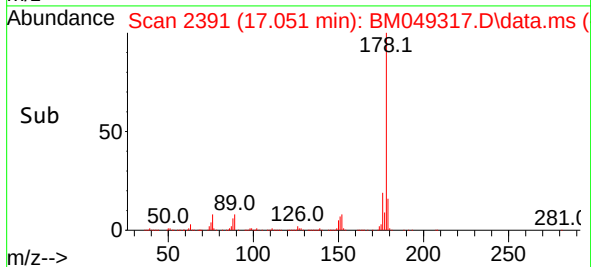
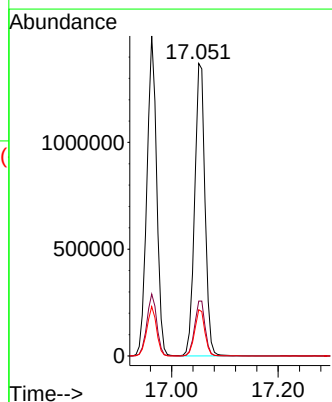
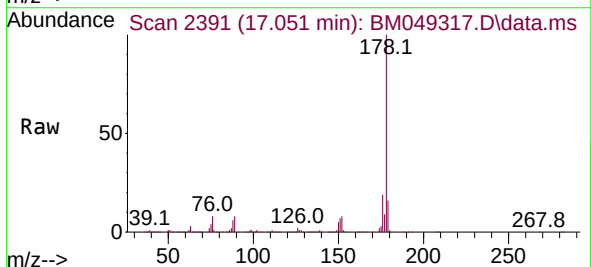
Tgt Ion:178 Resp: 1840889

Ion Ratio Lower Upper

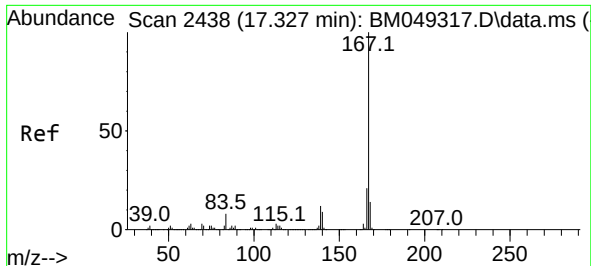
178 100

176 18.7 15.0 22.4

179 15.8 12.6 19.0



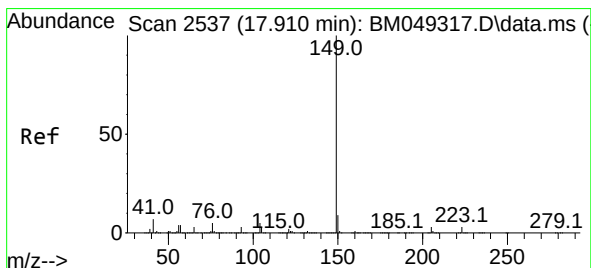
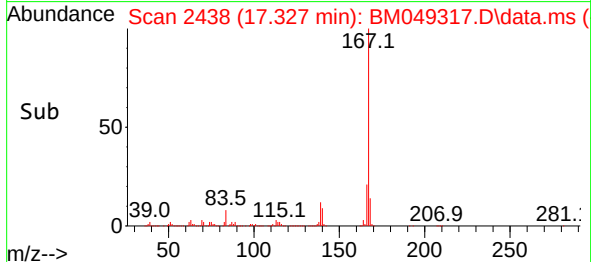
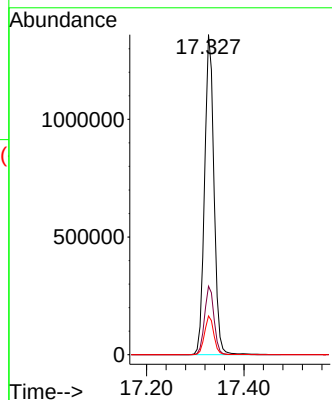
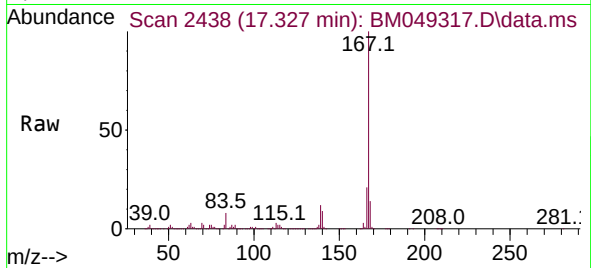




#73  
 Carbazole  
 Concen: 41.029 ng  
 RT: 17.327 min Scan# 2438  
 Delta R.T. 0.000 min  
 Lab File: BM049317.D  
 Acq: 02 Jan 2025 14:47

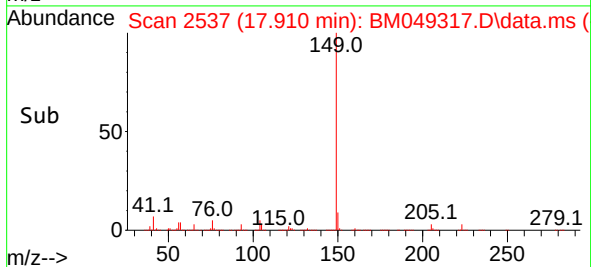
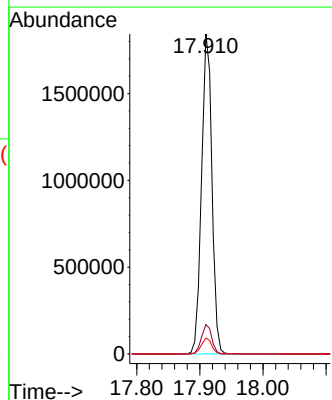
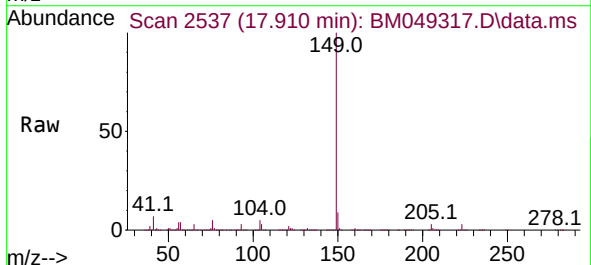
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC040

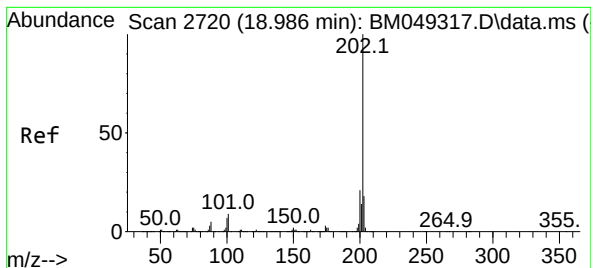
Tgt Ion:167 Resp: 1816682  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.1 25.7  
 139 12.1 9.7 14.5



#74  
 Di-n-butylphthalate  
 Concen: 41.855 ng  
 RT: 17.910 min Scan# 2537  
 Delta R.T. 0.000 min  
 Lab File: BM049317.D  
 Acq: 02 Jan 2025 14:47

Tgt Ion:149 Resp: 2098751  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 40.320 ng

RT: 18.986 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

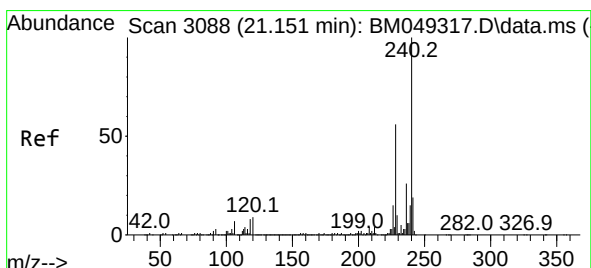
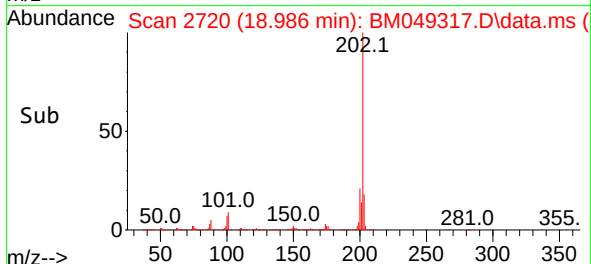
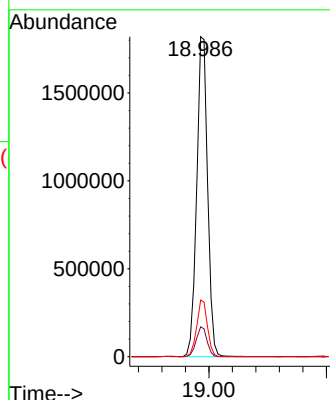
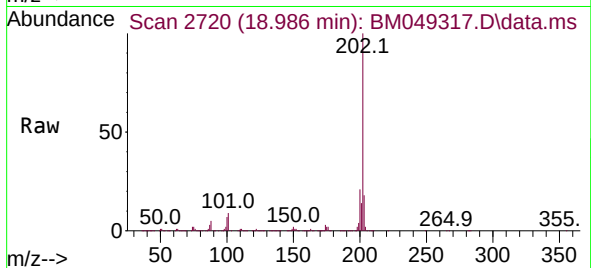
Tgt Ion:202 Resp: 2337625

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.3

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.151 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

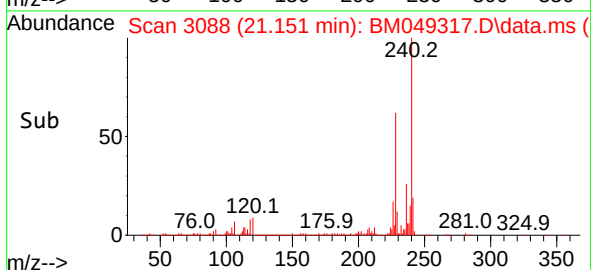
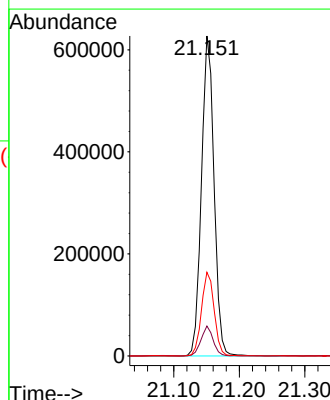
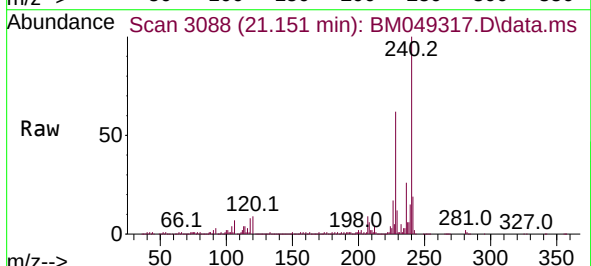
Tgt Ion:240 Resp: 838676

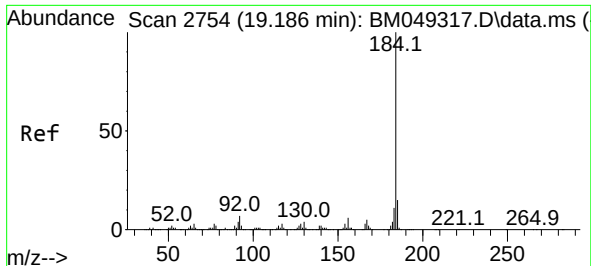
Ion Ratio Lower Upper

240 100

120 9.4 7.5 11.3

236 26.2 21.0 31.4

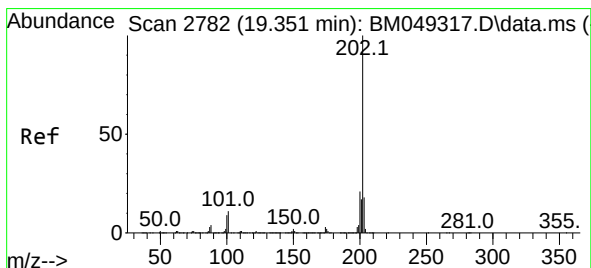
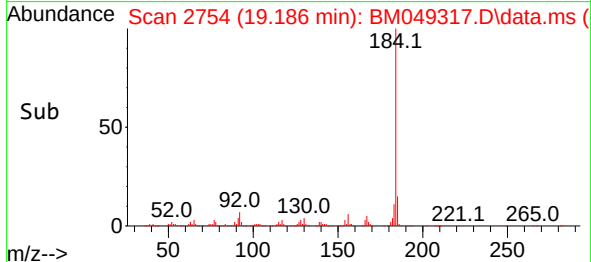
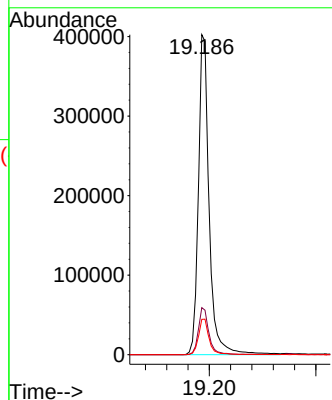
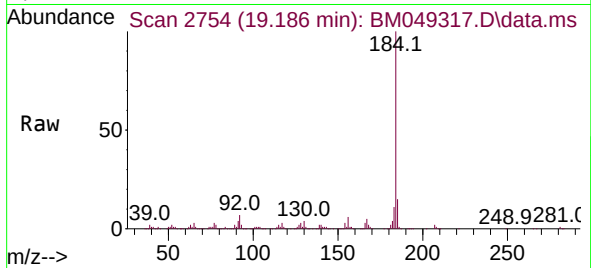




#77  
Benzidine  
Concen: 47.362 ng  
RT: 19.186 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

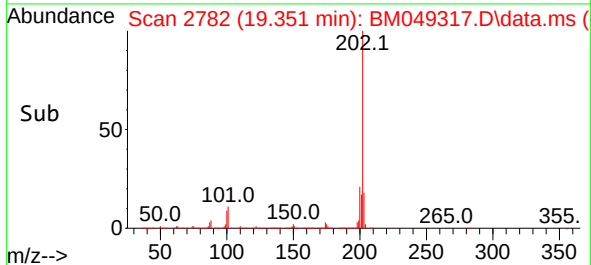
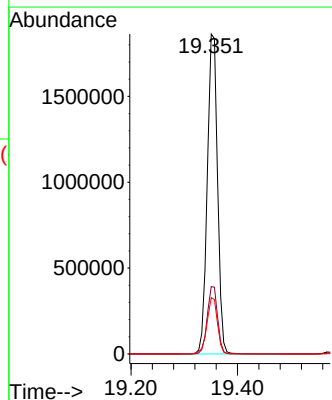
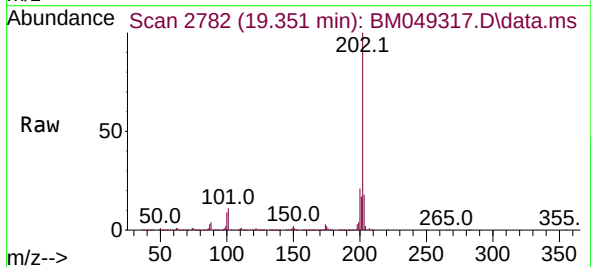
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

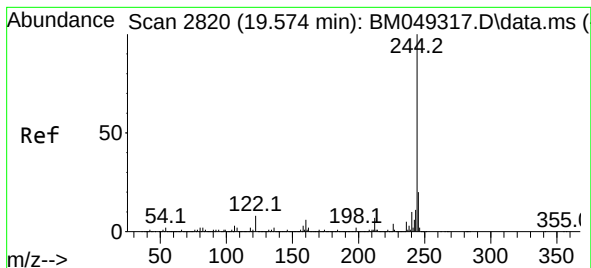
Tgt Ion:184 Resp: 565200  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.8 17.6  
183 11.1 8.9 13.3



#78  
Pyrene  
Concen: 40.125 ng  
RT: 19.351 min Scan# 2782  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:202 Resp: 2478282  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 83.644 ng

RT: 19.574 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

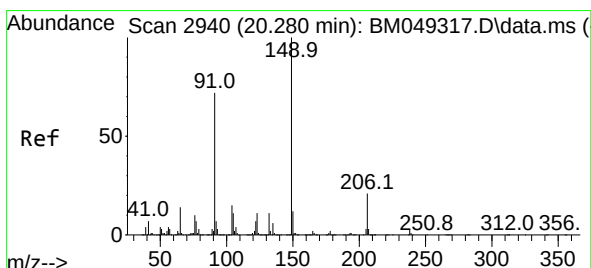
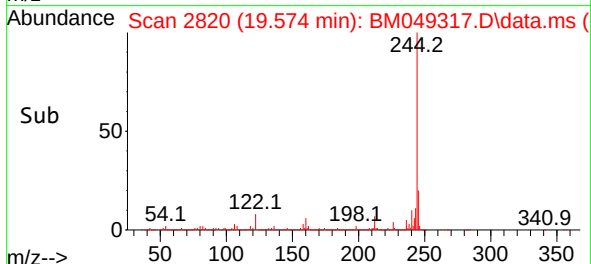
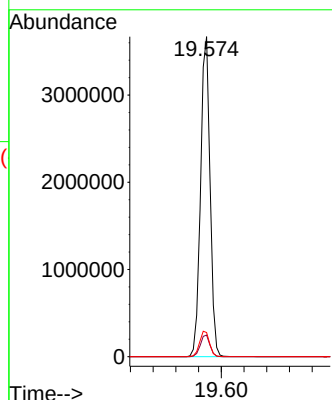
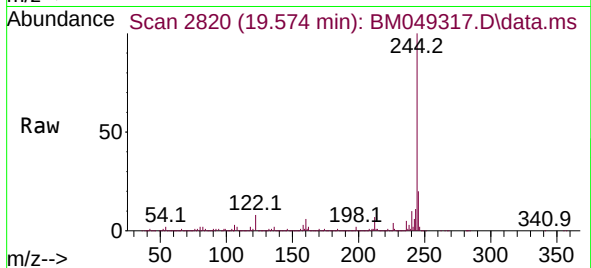
Tgt Ion:244 Resp: 4250303

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 7.6 6.1 9.1



#80

Butylbenzylphthalate

Concen: 41.928 ng

RT: 20.280 min Scan# 2940

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

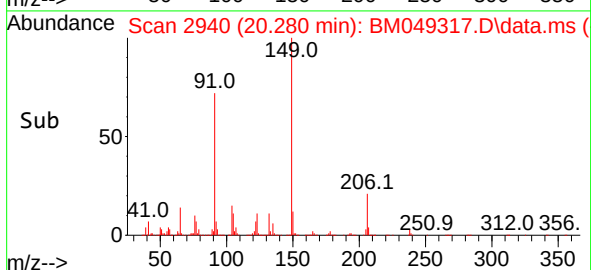
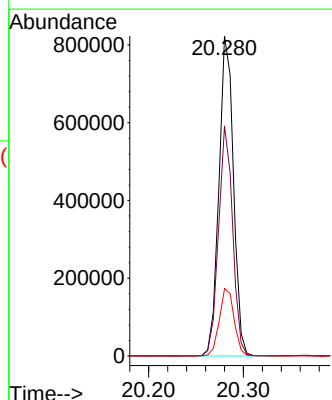
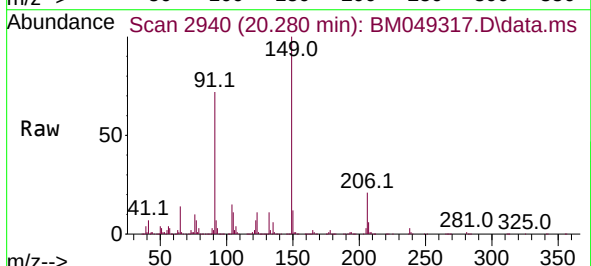
Tgt Ion:149 Resp: 874916

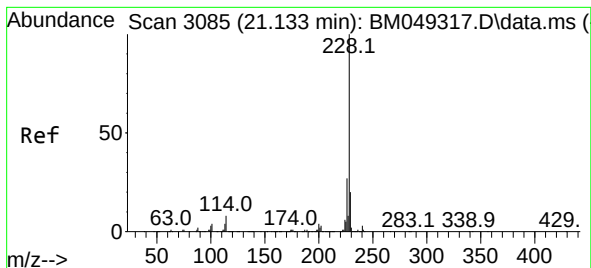
Ion Ratio Lower Upper

149 100

91 71.9 57.5 86.3

206 21.0 16.8 25.2





#81

Benzo(a)anthracene

Concen: 40.237 ng

RT: 21.133 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

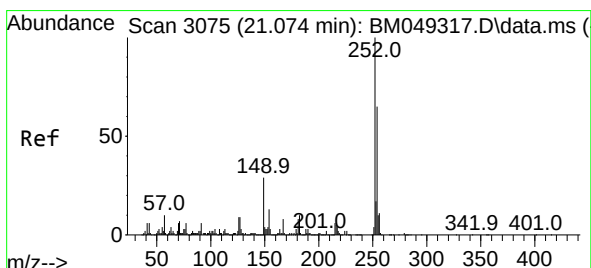
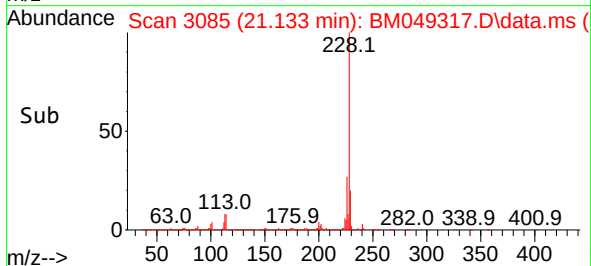
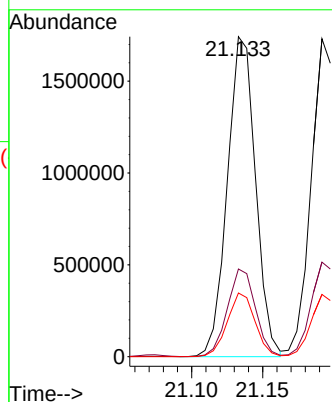
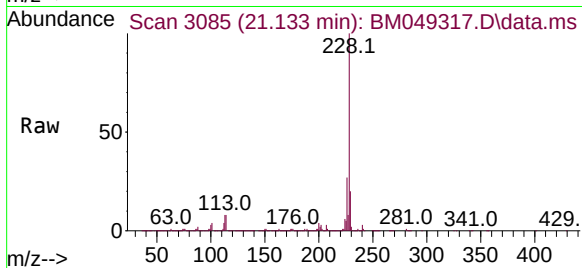
Tgt Ion:228 Resp: 2405244

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 42.770 ng

RT: 21.074 min Scan# 3075

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

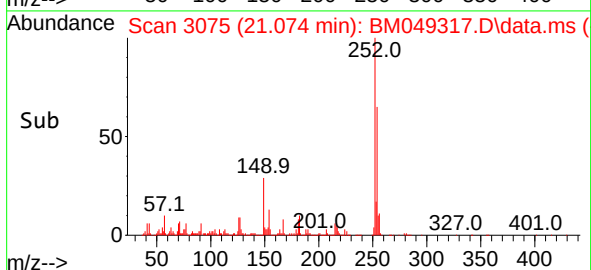
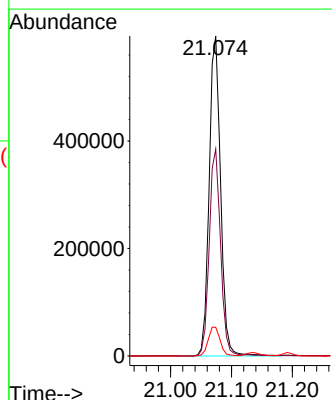
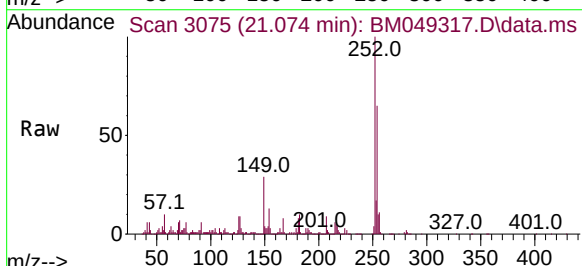
Tgt Ion:252 Resp: 776890

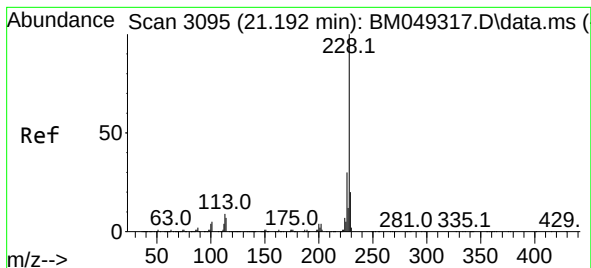
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 9.0 7.2 10.8





#83

Chrysene

Concen: 39.800 ng

RT: 21.192 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

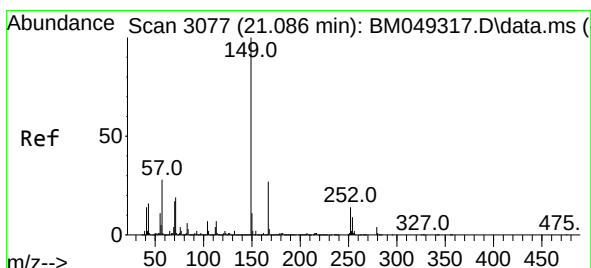
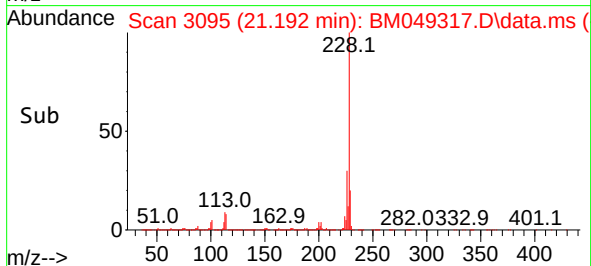
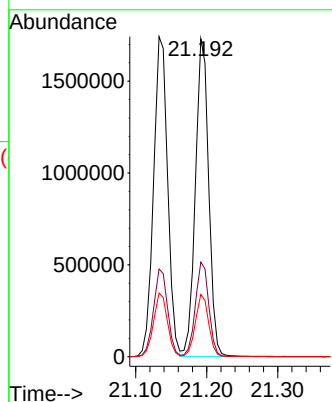
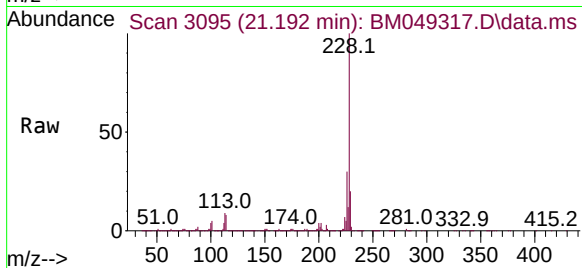
Tgt Ion:228 Resp: 2254760

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.646 ng

RT: 21.086 min Scan# 3077

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

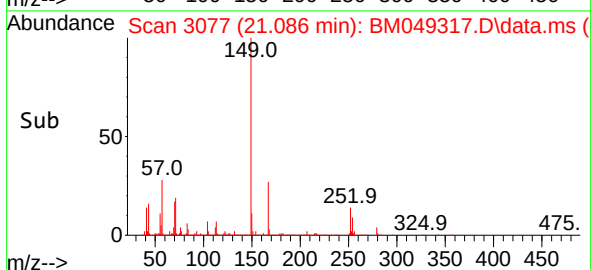
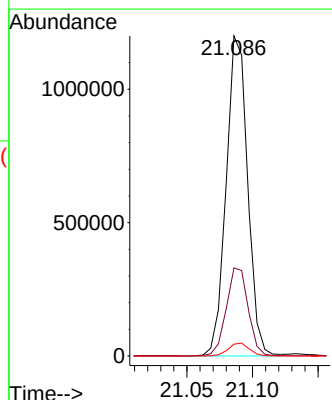
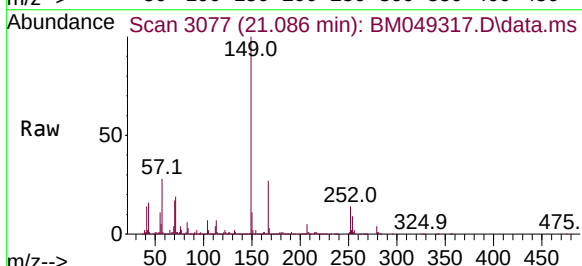
Tgt Ion:149 Resp: 1364008

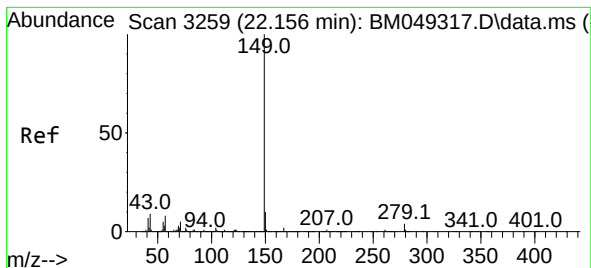
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 40.146 ng

RT: 22.156 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

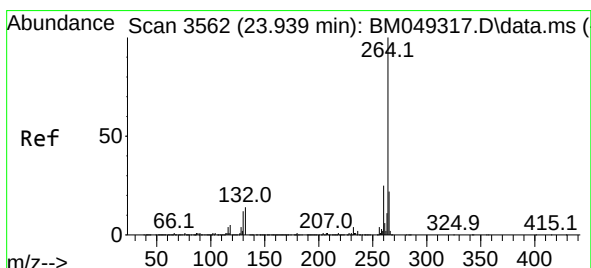
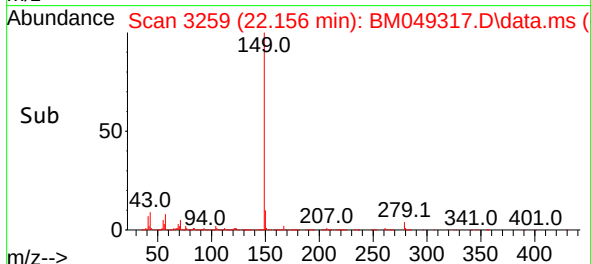
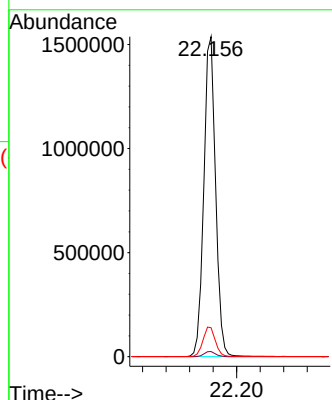
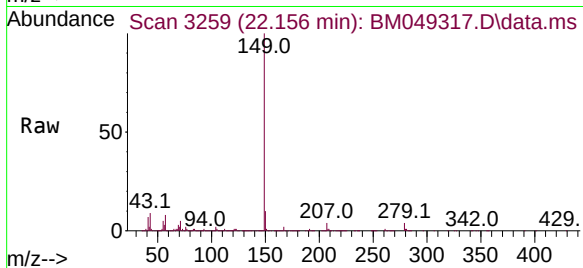
Tgt Ion:149 Resp: 2123644

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.939 min Scan# 3562

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

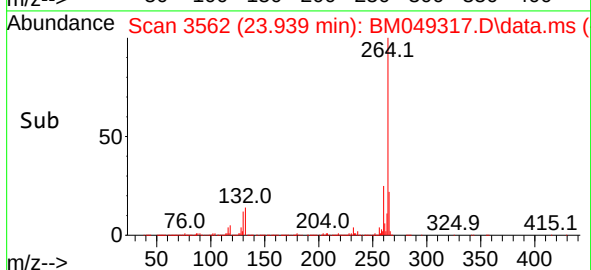
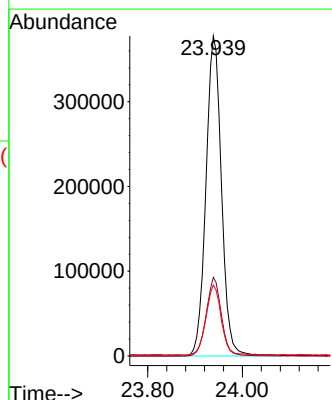
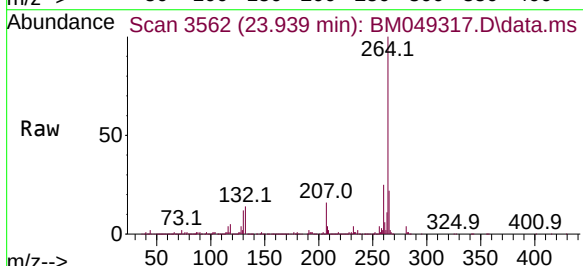
Tgt Ion:264 Resp: 859413

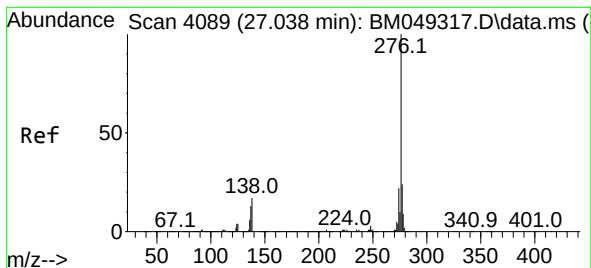
Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.227 ng

RT: 27.038 min Scan# 4089

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

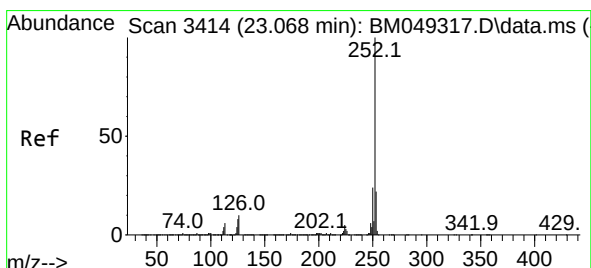
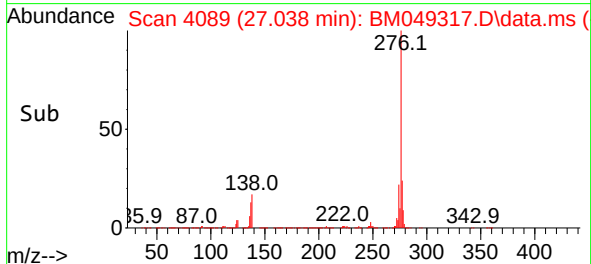
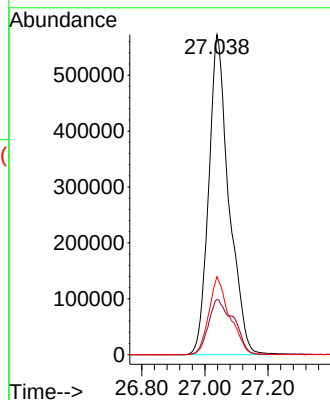
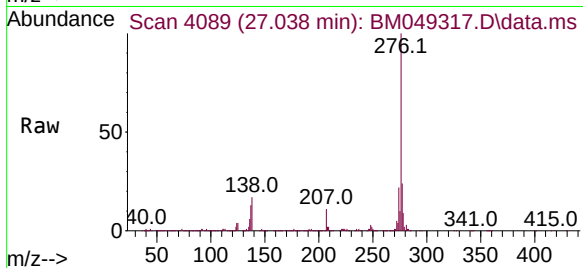
Tgt Ion:276 Resp: 2543818

Ion Ratio Lower Upper

276 100

138 21.6 17.3 25.9

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.450 ng

RT: 23.068 min Scan# 3414

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

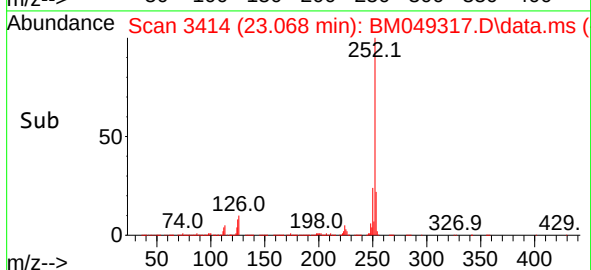
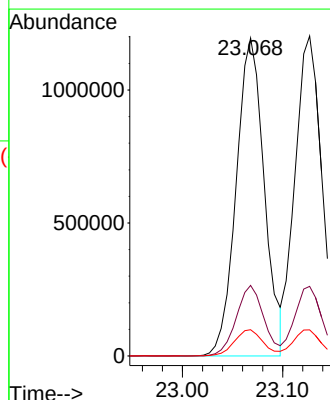
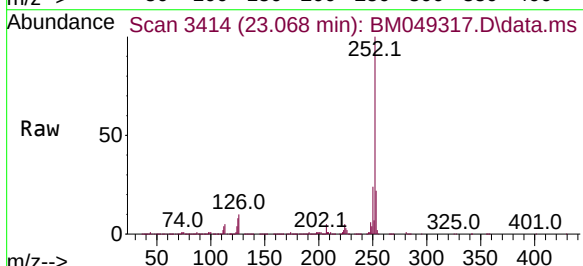
Tgt Ion:252 Resp: 2327711

Ion Ratio Lower Upper

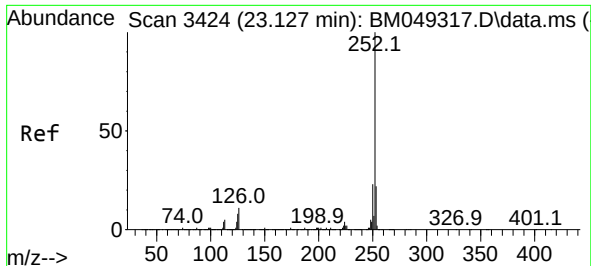
252 100

253 22.2 17.8 26.6

125 8.3 6.6 10.0



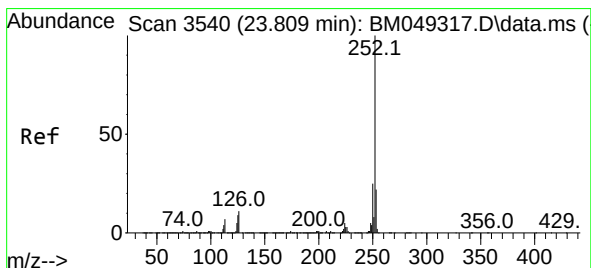
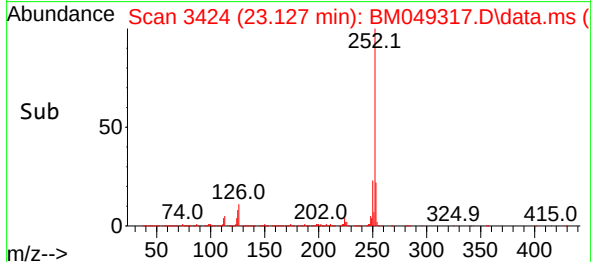
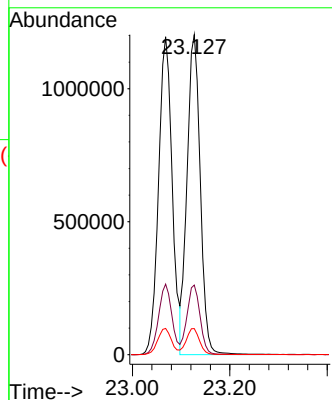
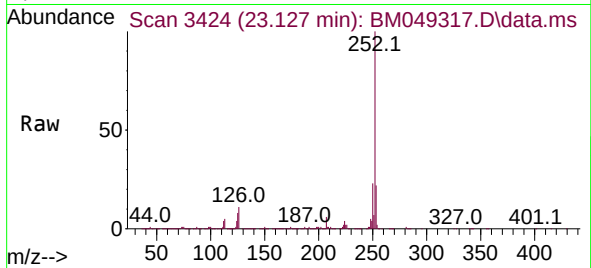




#89  
Benzo(k)fluoranthene  
Concen: 40.240 ng  
RT: 23.127 min Scan# 3424  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

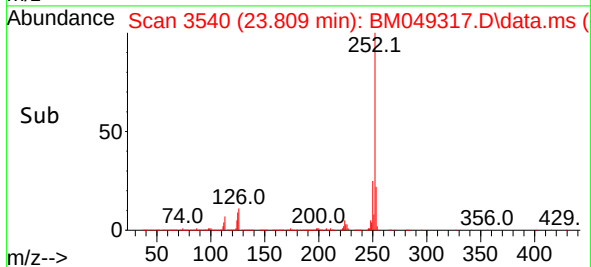
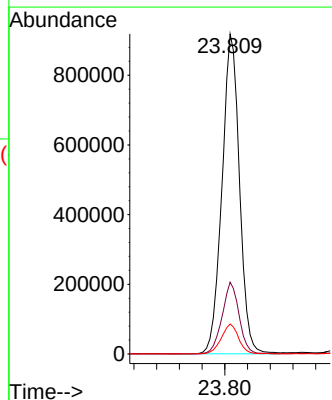
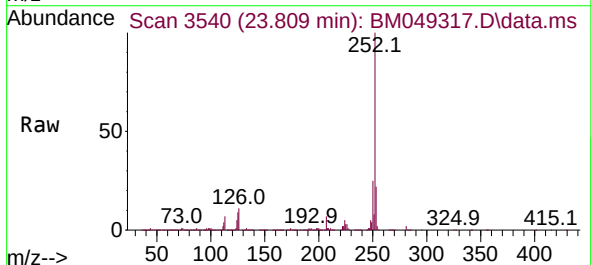
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

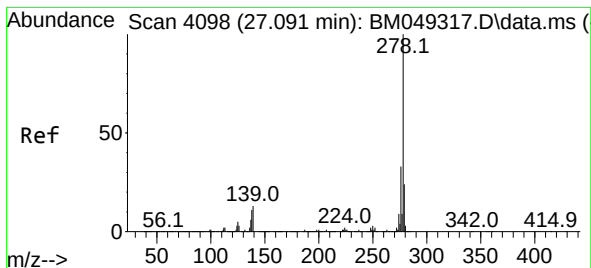
Tgt Ion:252 Resp: 2255009  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.0  
125 8.2 6.6 9.8



#90  
Benzo(a)pyrene  
Concen: 40.331 ng  
RT: 23.809 min Scan# 3540  
Delta R.T. 0.000 min  
Lab File: BM049317.D  
Acq: 02 Jan 2025 14:47

Tgt Ion:252 Resp: 1967547  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.9 26.9  
125 9.4 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 40.306 ng

RT: 27.091 min Scan# 4098

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

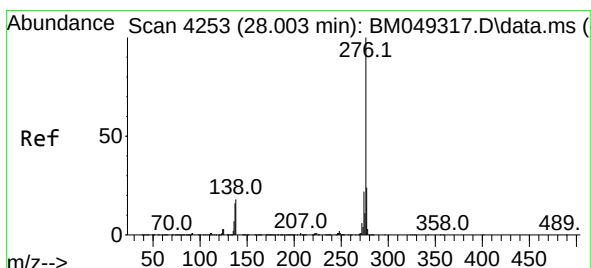
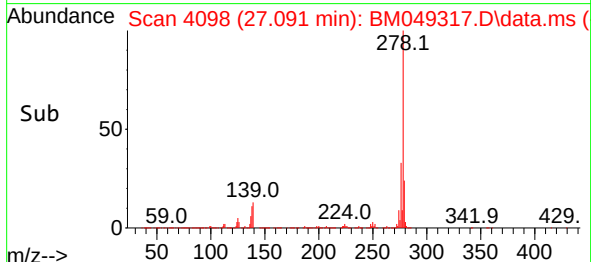
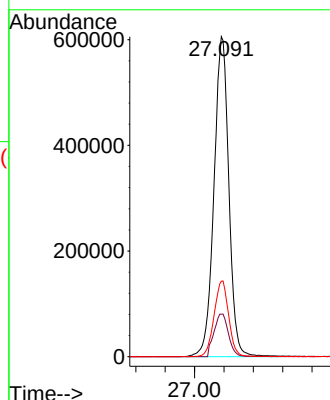
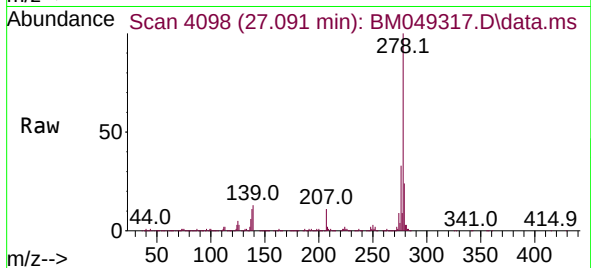
Tgt Ion:278 Resp: 2125484

Ion Ratio Lower Upper

278 100

139 13.3 10.6 16.0

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.114 ng

RT: 28.003 min Scan# 4253

Delta R.T. 0.000 min

Lab File: BM049317.D

Acq: 02 Jan 2025 14:47

Tgt Ion:276 Resp: 2120852

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.4 14.7 22.1

