

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051425\  
 Data File : BF142373.D  
 Acq On : 14 May 2025 18:41  
 Operator : RC/JU  
 Sample : Q2001-03MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-A4-03-CMSD

Quant Time: May 15 01:02:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 179060   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.187  | 136  | 701472   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 425907   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.428 | 188  | 786136   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.069 | 240  | 511971   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 442353   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 1200952  | 114.493 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.528  | 99   | 1430117  | 110.853 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 988742   | 85.963  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.734 | 330  | 634330   | 154.261 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 2169889  | 72.645  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 2609910  | 75.452  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.828  | 88   | 146687   | 31.055  | ng    | # 82     |
| 3) Pyridine                   | 3.540  | 79   | 370436   | 33.403  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.481  | 42   | 233322   | 36.200  | ng    | 93       |
| 6) Aniline                    | 6.569  | 93   | 360093   | 28.457  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 499755   | 44.585  | ng    | 98       |
| 9) Benzaldehyde               | 6.451  | 77   | 201752   | 26.720  | ng    | # 84     |
| 10) Phenol                    | 6.540  | 94   | 551307   | 40.314  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 516122   | 38.272  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.840  | 146  | 451445   | 35.204  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 460914   | 35.798  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 451502   | 36.533  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.040  | 79   | 424218   | 50.781  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 762169   | 37.846  | ng    | 98       |
| 17) 2-Methylphenol            | 7.151  | 107  | 401571   | 44.251  | ng    | 98       |
| 18) Hexachloroethane          | 7.416  | 117  | 170275   | 39.747  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 351225   | 44.013  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 504402   | 44.536  | ng    | 96       |
| 22) Acetophenone              | 7.310  | 105  | 672460   | 43.115  | ng    | 98       |
| 24) Nitrobenzene              | 7.481  | 77   | 502910   | 46.385  | ng    | 97       |
| 25) Isophorone                | 7.722  | 82   | 1013860  | 46.549  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.798  | 139  | 269199   | 51.213  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.834  | 122  | 531200   | 48.508  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 619391   | 44.225  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.040  | 162  | 469349   | 50.413  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 446142   | 42.580  | ng    | 98       |
| 31) Naphthalene               | 8.216  | 128  | 6414852  | 188.687 | ng    | 95       |
| 32) Benzoic acid              | 7.945  | 122  | 344365   | 55.919  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.257  | 127  | 217383   | 15.670  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 256194   | 41.293  | ng    | 100      |
| 35) Caprolactam               | 8.622  | 113  | 86648    | 31.934  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.734  | 107  | 502825   | 51.956  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 1610135  | 76.218  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 1657888  | 75.296  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 482550   | 40.567  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 610197   | 83.003  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 371527   | 49.517  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051425\  
 Data File : BF142373.D  
 Acq On : 14 May 2025 18:41  
 Operator : RC/JU  
 Sample : Q2001-03MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

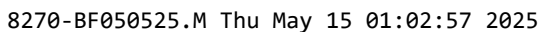
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-A4-03-CMSD

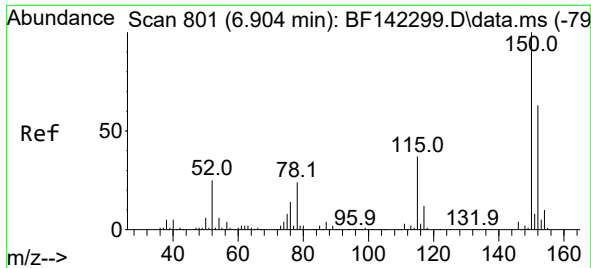
Quant Time: May 15 01:02:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 386591   | 48.425  | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 1457266  | 44.625  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.387  | 162  | 1022257  | 42.093  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.481  | 65   | 338524   | 54.382  | ng    | 92       |
| 49) Acenaphthylene            | 9.804  | 152  | 1864675  | 45.898  | ng    | 99       |
| 50) Dimethylphthalate         | 9.663  | 163  | 1342328  | 49.082  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 293039   | 57.243  | ng    | 93       |
| 52) Acenaphthene              | 9.975  | 154  | 1493853  | 61.153  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.892  | 138  | 240523   | 40.062  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 354302   | 127.284 | ng    | # 1      |
| 55) Dibenzofuran              | 10.145 | 168  | 1615499  | 44.811  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 496548   | 109.890 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.128 | 165  | 406148   | 61.852  | ng    | 95       |
| 58) Fluorene                  | 10.492 | 166  | 1377632  | 50.072  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 351224   | 53.294  | ng    | 98       |
| 60) Diethylphthalate          | 10.363 | 149  | 1356138  | 49.654  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.481 | 204  | 604128   | 45.513  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 296414   | 62.292  | ng    | 99       |
| 63) Azobenzene                | 10.639 | 77   | 1184720  | 45.394  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.534 | 198  | 217913   | 57.749  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.604 | 169  | 1144480  | 43.750  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.975 | 248  | 401569   | 45.072  | ng    | 96       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 440242   | 44.921  | ng    | 95       |
| 69) Atrazine                  | 11.128 | 200  | 359696   | 52.162  | ng    | 100      |
| 70) Pentachlorophenol         | 11.233 | 266  | 558643   | 108.355 | ng    | 97       |
| 71) Phenanthrene              | 11.457 | 178  | 2044231  | 49.608  | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 1877139  | 44.334  | ng    | 99       |
| 73) Carbazole                 | 11.657 | 167  | 1768267  | 46.550  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 2155058  | 53.952  | ng    | 100      |
| 75) Fluoranthene              | 12.639 | 202  | 1947140  | 47.270  | ng    | 100      |
| 77) Benzidine                 | 12.775 | 184  | 76327    | 8.204   | ng    | 99       |
| 78) Pyrene                    | 12.869 | 202  | 1968238  | 43.191  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 841069   | 62.081  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 1565824  | 47.226  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.022 | 252  | 368885   | 47.843  | ng    | 99       |
| 83) Chrysene                  | 14.098 | 228  | 1340162  | 43.419  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 1143777  | 64.450  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.663 | 149  | 1745181  | 54.601  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.063 | 276  | 1170623  | 38.042  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 1295553  | 48.357  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 1259782  | 51.383  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 1183844  | 49.310  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 953494   | 37.507  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 871735   | 34.550  | ng    | 97       |

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

Quant Time: May 15 01:02:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 05 18:41:44 2025  
Response via : Initial Calibration

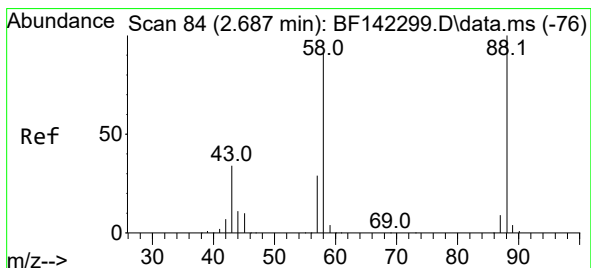
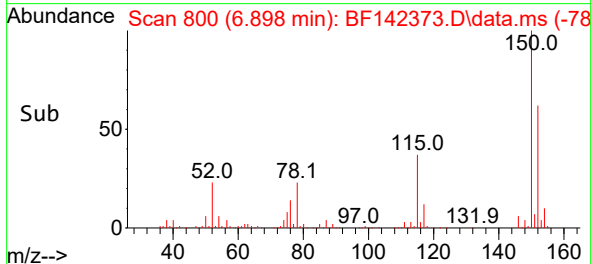
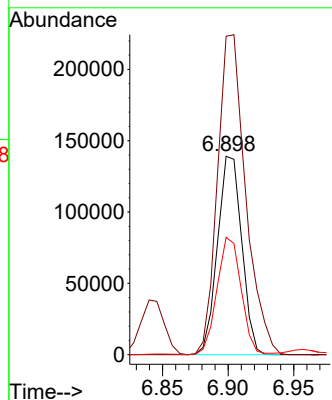
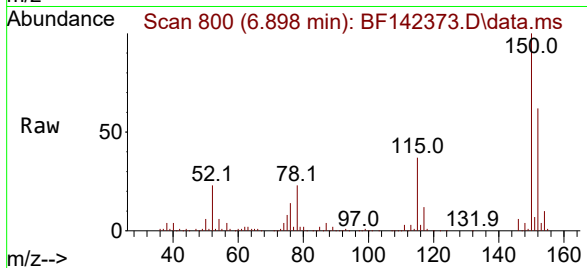




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF142373.D  
 Acq: 14 May 2025 18:41

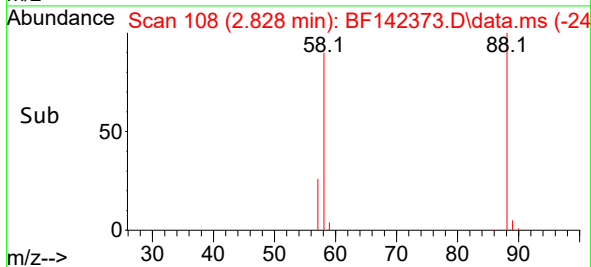
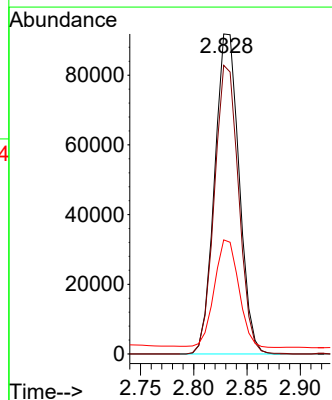
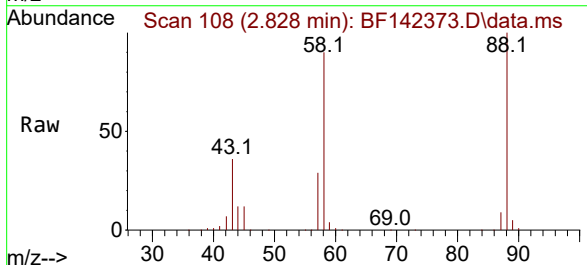
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-A4-03-CMSD

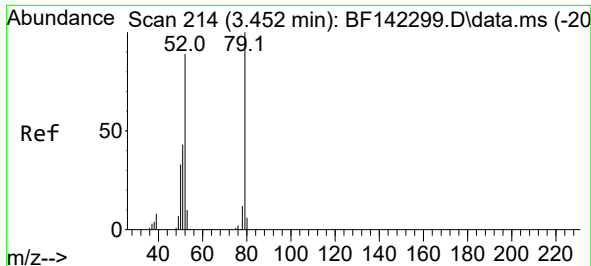
Tgt Ion:152 Resp: 179060  
 Ion Ratio Lower Upper  
 152 100  
 150 160.5 126.6 190.0  
 115 59.1 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 31.055 ng  
 RT: 2.828 min Scan# 108  
 Delta R.T. 0.141 min  
 Lab File: BF142373.D  
 Acq: 14 May 2025 18:41

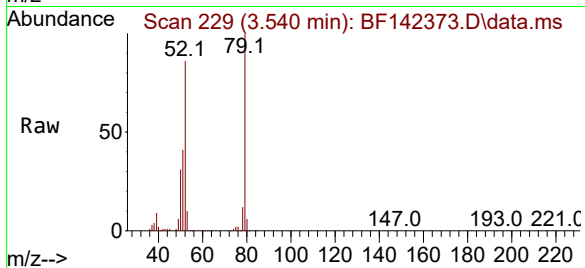
Tgt Ion: 88 Resp: 146687  
 Ion Ratio Lower Upper  
 88 100  
 58 89.4 73.0 109.4  
 43 0.0 27.8 41.6#



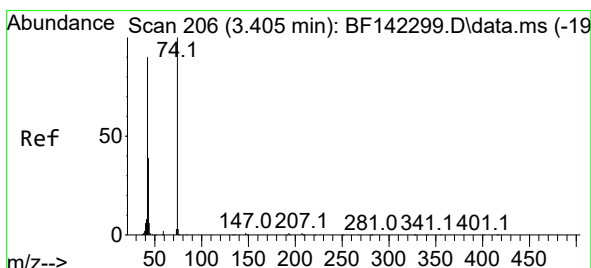
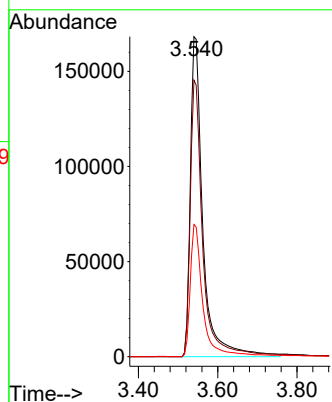
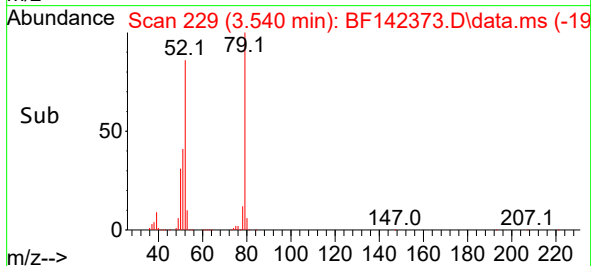


#3  
Pyridine  
Concen: 33.403 ng  
RT: 3.540 min Scan# 214  
Delta R.T. 0.088 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

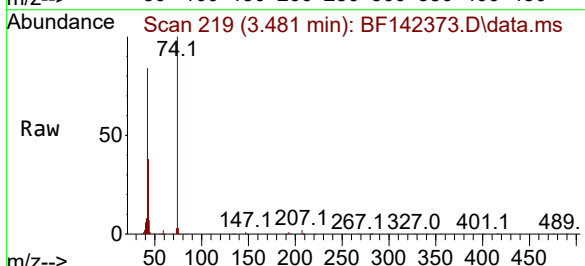
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD



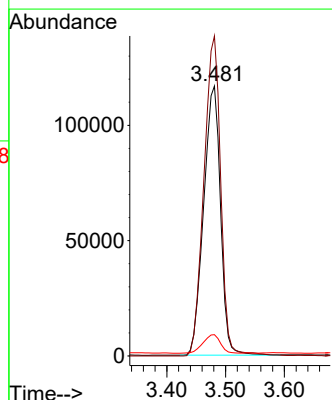
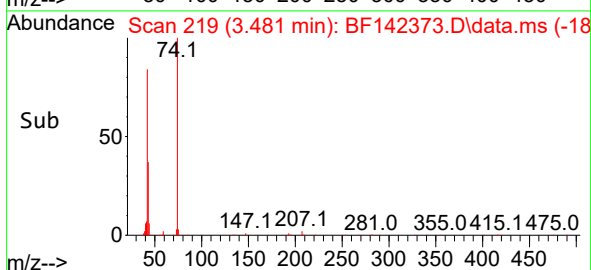
Tgt Ion: 79 Resp: 370436  
Ion Ratio Lower Upper  
79 100  
52 86.4 71.0 106.4  
51 41.3 34.9 52.3

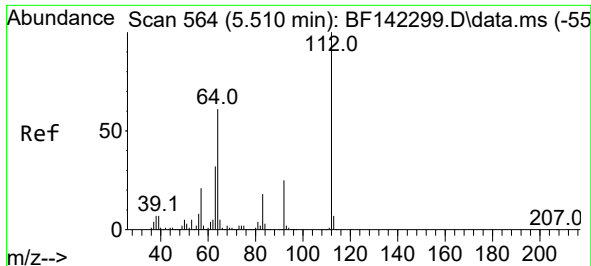


#4  
n-Nitrosodimethylamine  
Concen: 36.200 ng  
RT: 3.481 min Scan# 219  
Delta R.T. 0.077 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41



Tgt Ion: 42 Resp: 233322  
Ion Ratio Lower Upper  
42 100  
74 118.6 88.5 132.7  
44 7.9 5.8 8.8

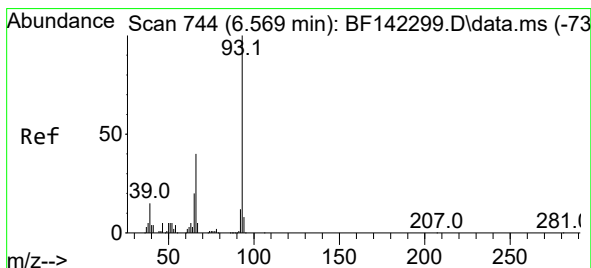
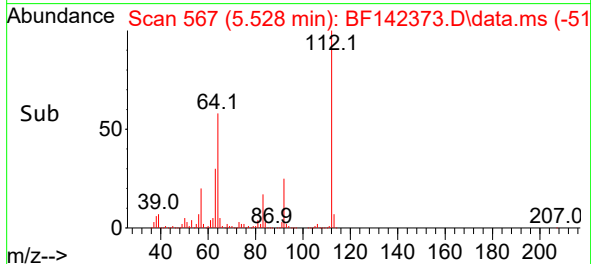
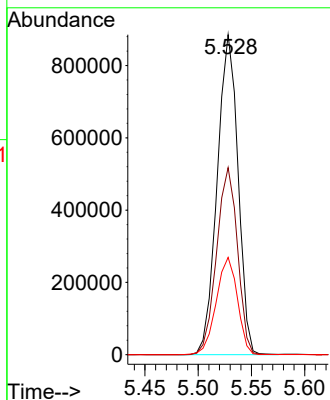
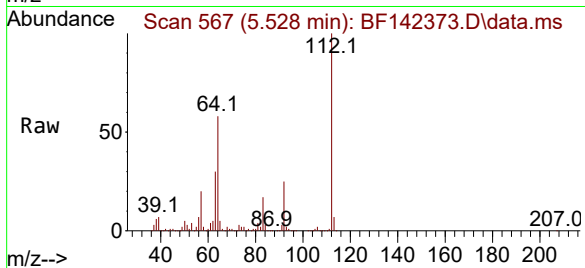




#5  
2-Fluorophenol  
Concen: 114.493 ng  
RT: 5.528 min Scan# 501  
Delta R.T. 0.018 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

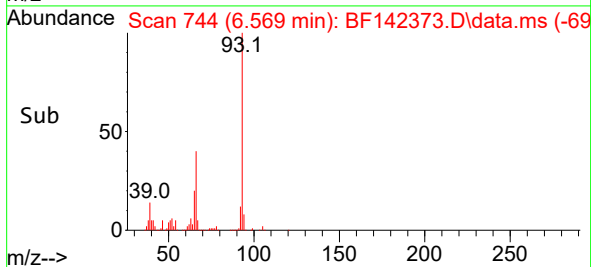
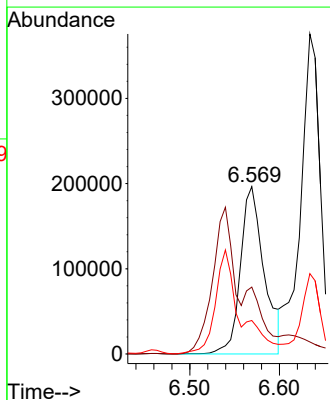
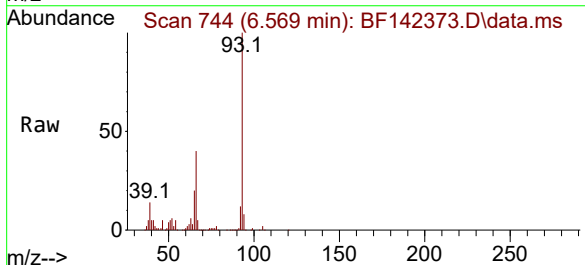
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

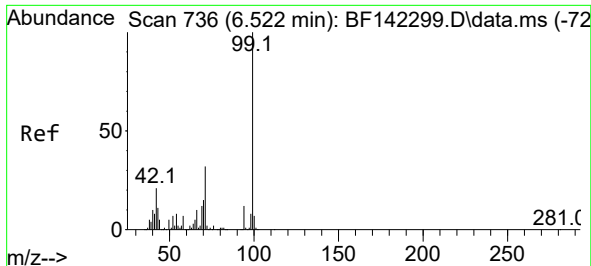
Tgt Ion:112 Resp: 1200952  
Ion Ratio Lower Upper  
112 100  
64 58.4 48.9 73.3  
63 30.4 25.6 38.4



#6  
Aniline  
Concen: 28.457 ng  
RT: 6.569 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion: 93 Resp: 360093  
Ion Ratio Lower Upper  
93 100  
66 40.0 32.2 48.4  
65 20.0 16.3 24.5

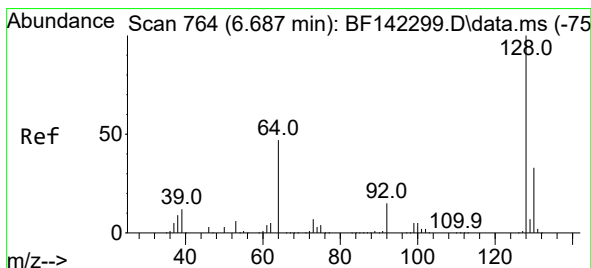
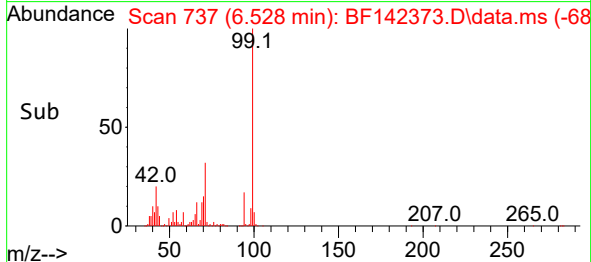
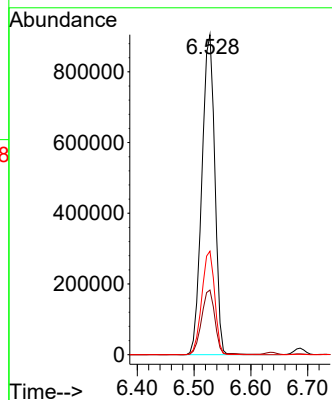
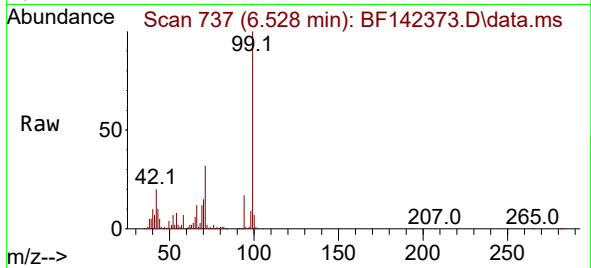




#7  
Phenol-d6  
Concen: 110.853 ng  
RT: 6.528 min Scan# 736  
Delta R.T. 0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

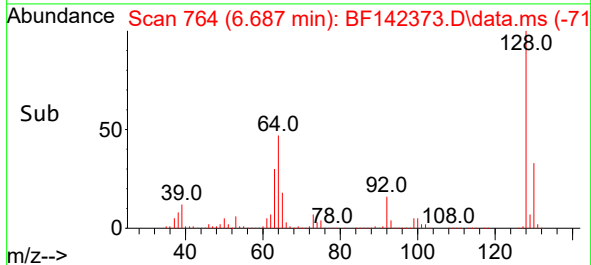
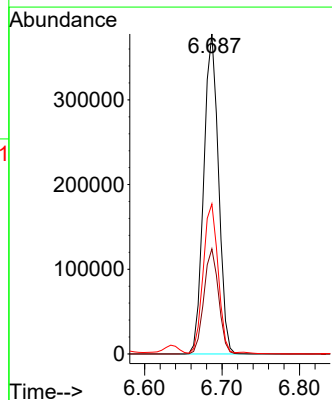
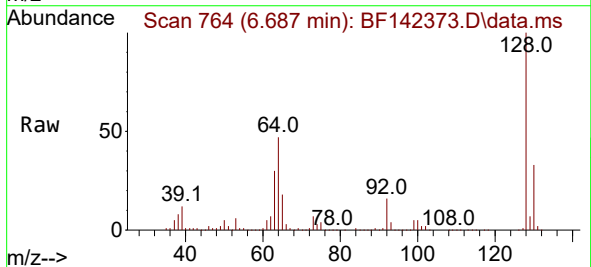
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

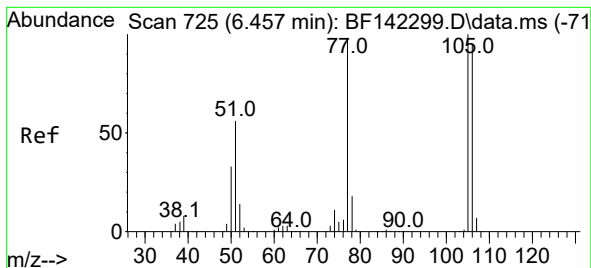
Tgt Ion: 99 Resp: 1430117  
Ion Ratio Lower Upper  
99 100  
42 20.2 17.0 25.4  
71 32.4 25.8 38.8



#8  
2-Chlorophenol  
Concen: 44.585 ng  
RT: 6.687 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:128 Resp: 499755  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.7 52.7  
64 46.9 29.2 69.2





#9

Benzaldehyde

Concen: 26.720 ng

RT: 6.451 min Scan# 724

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

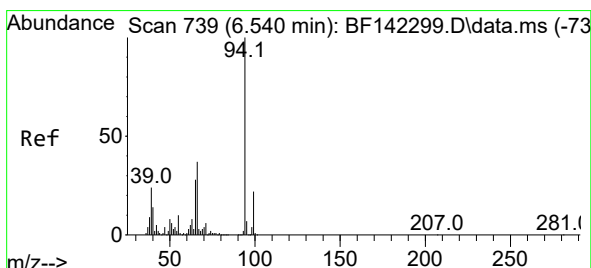
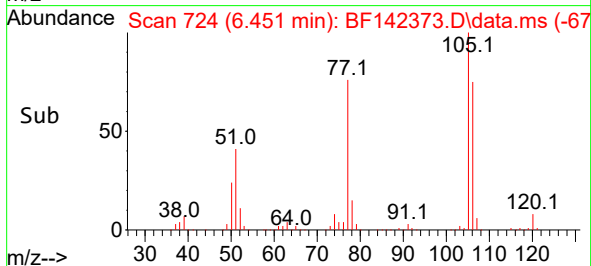
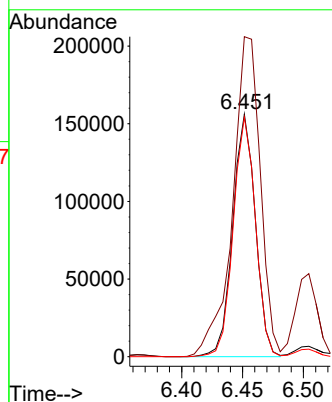
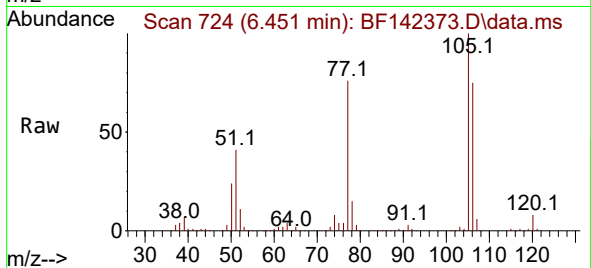
Tgt Ion: 77 Resp: 201752

Ion Ratio Lower Upper

77 100

105 131.9 82.0 122.0#

106 98.8 77.2 117.2



#10

Phenol

Concen: 40.314 ng

RT: 6.540 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

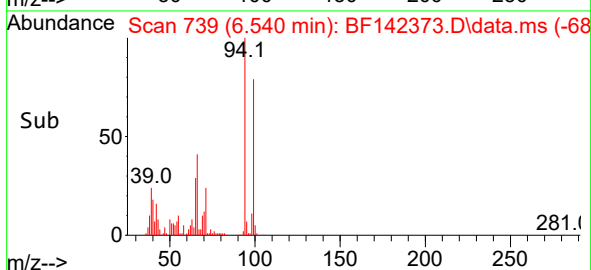
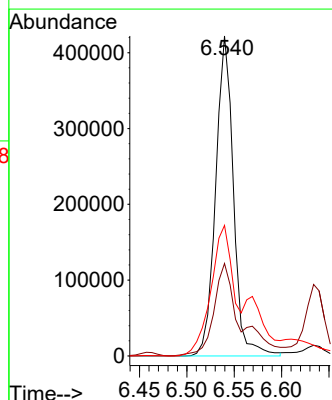
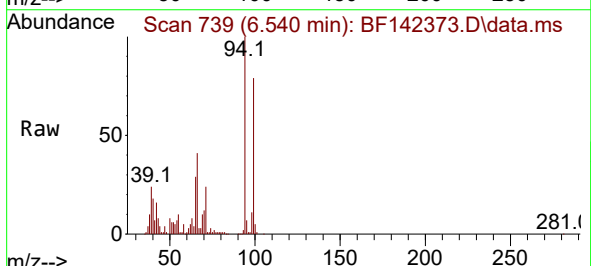
Tgt Ion: 94 Resp: 551307

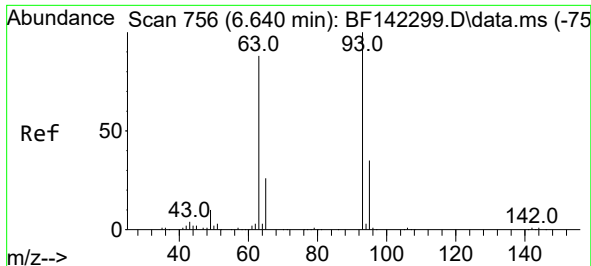
Ion Ratio Lower Upper

94 100

65 28.9 8.5 48.5

66 40.8 17.3 57.3

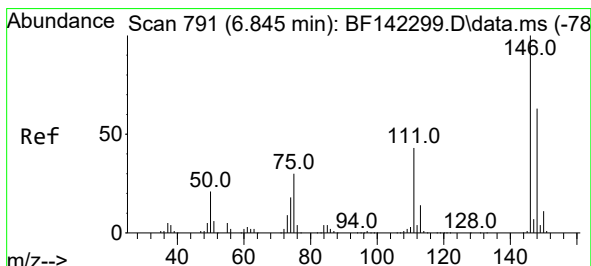
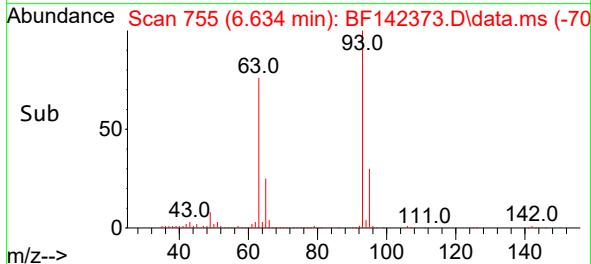
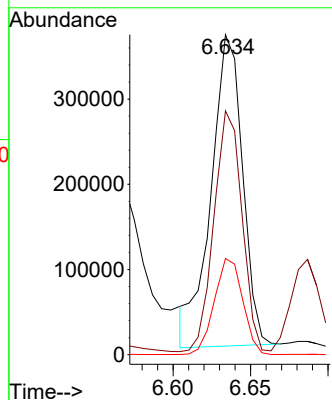
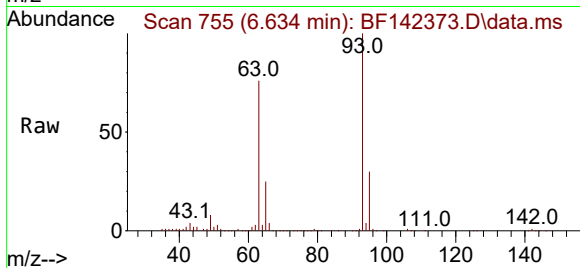




#11  
bis(2-Chloroethyl)ether  
Concen: 38.272 ng  
RT: 6.634 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

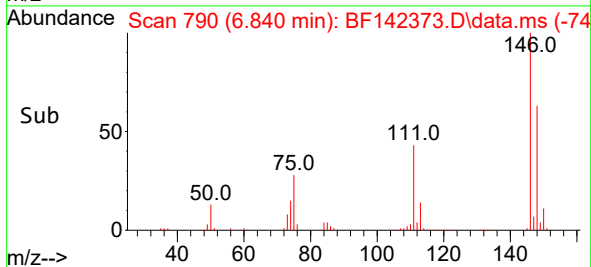
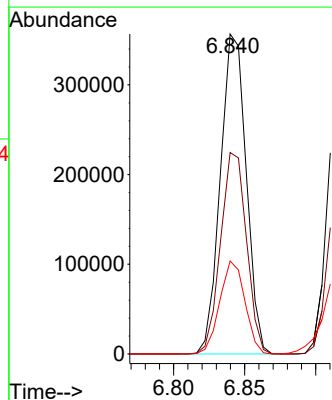
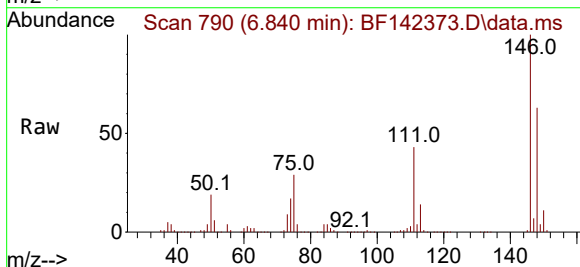
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

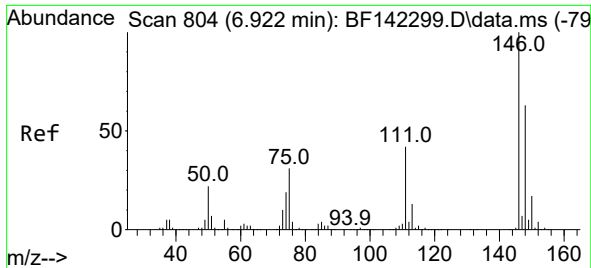
Tgt Ion: 93 Resp: 516122  
Ion Ratio Lower Upper  
93 100  
63 76.2 58.4 98.4  
95 30.1 10.6 50.6



#12  
1,3-Dichlorobenzene  
Concen: 35.204 ng  
RT: 6.840 min Scan# 790  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion: 146 Resp: 451445  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.6 76.0  
75 29.1 24.2 36.4

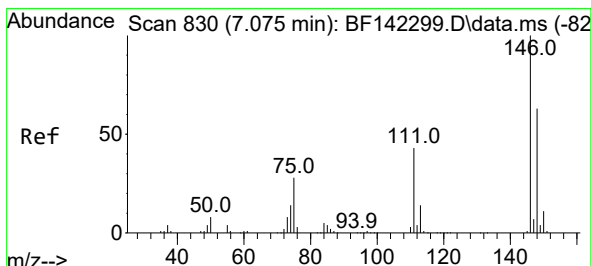
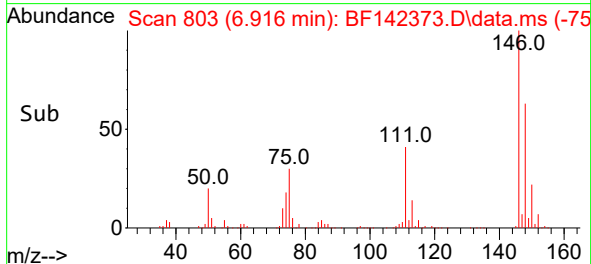
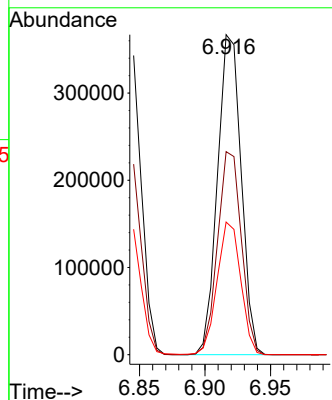
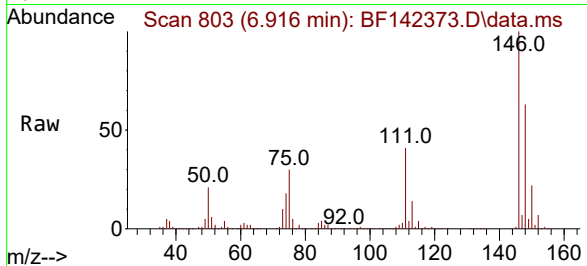




#13  
 1,4-Dichlorobenzene  
 Concen: 35.798 ng  
 RT: 6.916 min Scan# 804  
 Delta R.T. -0.006 min  
 Lab File: BF142373.D  
 Acq: 14 May 2025 18:41

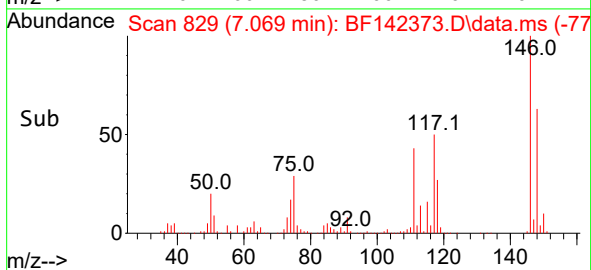
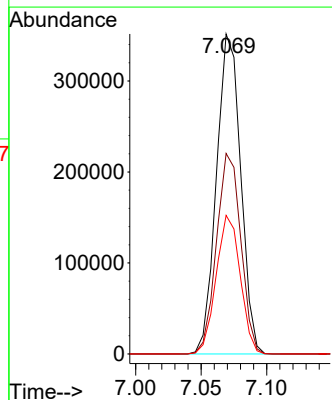
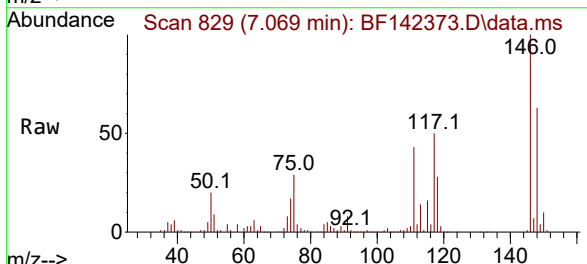
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-A4-03-CMSD

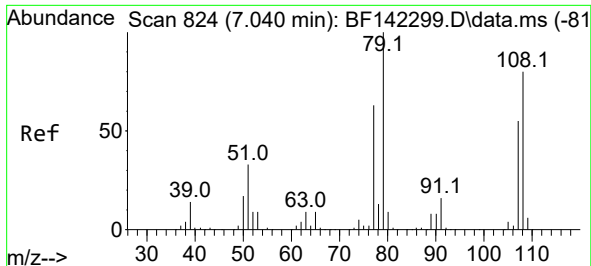
Tgt Ion:146 Resp: 460914  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 50.5 75.7  
 111 41.4 33.4 50.2



#14  
 1,2-Dichlorobenzene  
 Concen: 36.533 ng  
 RT: 7.069 min Scan# 829  
 Delta R.T. -0.006 min  
 Lab File: BF142373.D  
 Acq: 14 May 2025 18:41

Tgt Ion:146 Resp: 451502  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 50.3 75.5  
 111 43.3 34.5 51.7

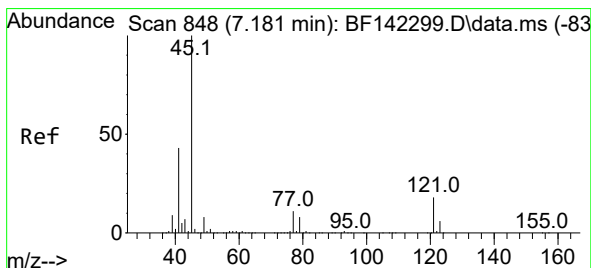
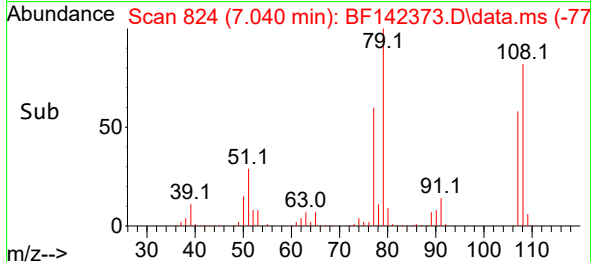
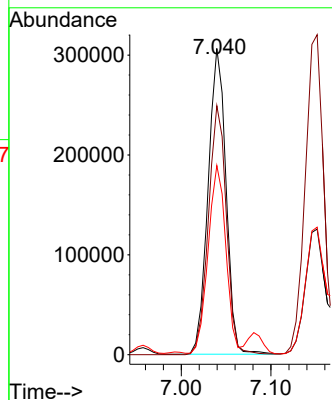
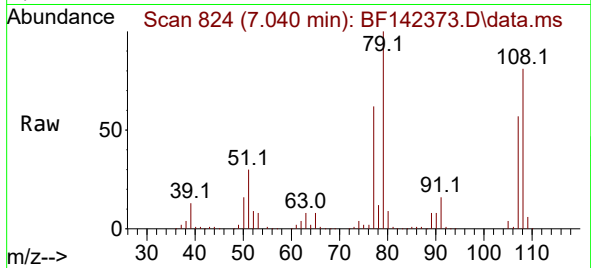




#15  
Benzyl Alcohol  
Concen: 50.781 ng  
RT: 7.040 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

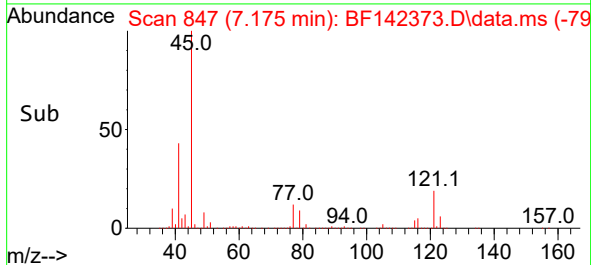
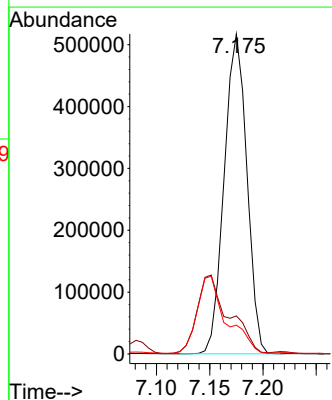
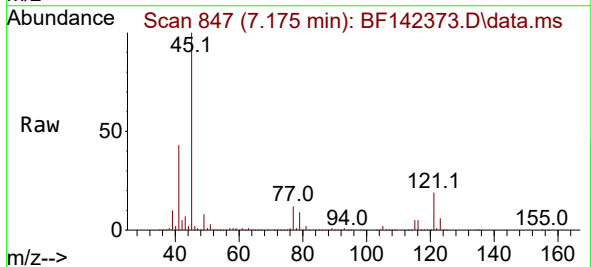
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

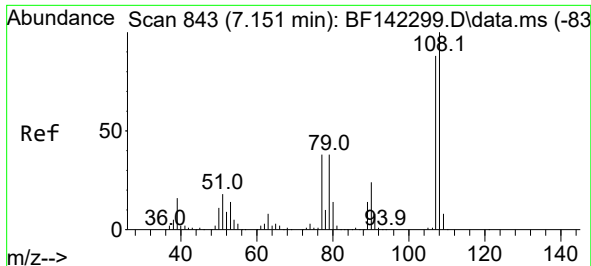
Tgt Ion: 79 Resp: 424218  
Ion Ratio Lower Upper  
79 100  
108 81.3 63.9 95.9  
77 61.8 50.7 76.1



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.846 ng  
RT: 7.175 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion: 45 Resp: 762169  
Ion Ratio Lower Upper  
45 100  
77 11.9 0.0 31.2  
79 9.0 0.0 28.5



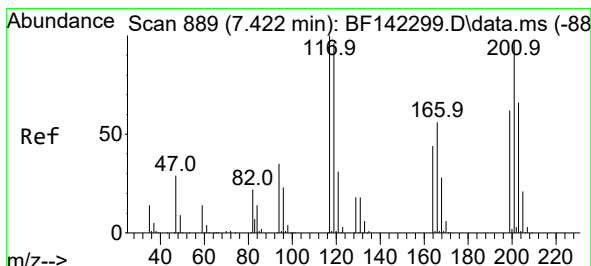
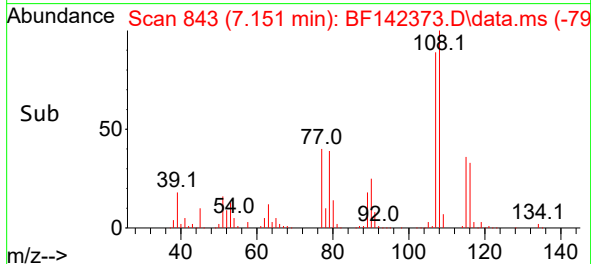
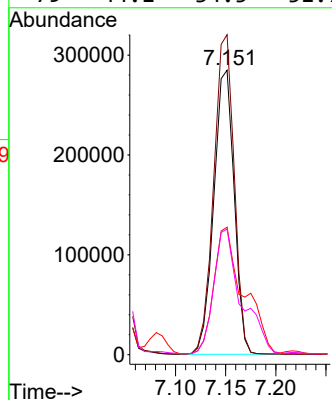
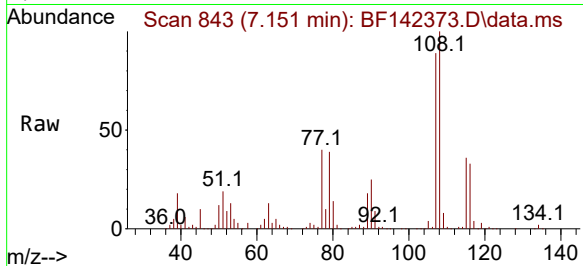


#17  
2-Methylphenol  
Concen: 44.251 ng  
RT: 7.151 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

Tgt Ion:107 Resp: 401571

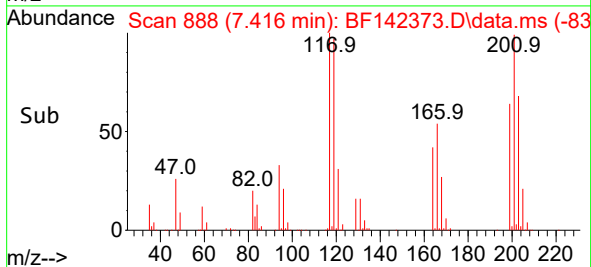
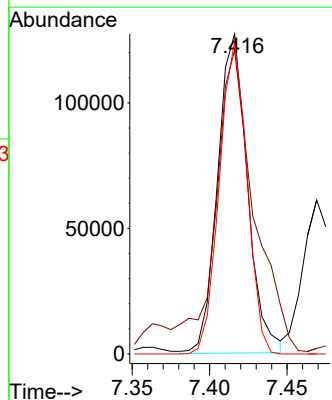
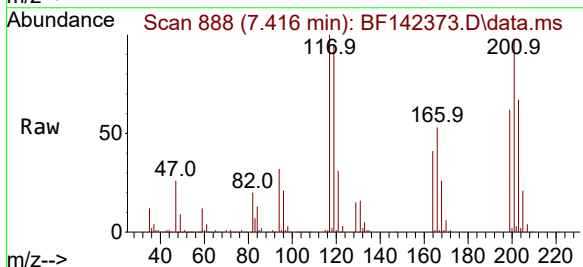
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.5 | 91.1  | 136.7 |
| 77  | 44.8  | 34.7  | 52.1  |
| 79  | 44.1  | 34.5  | 51.7  |

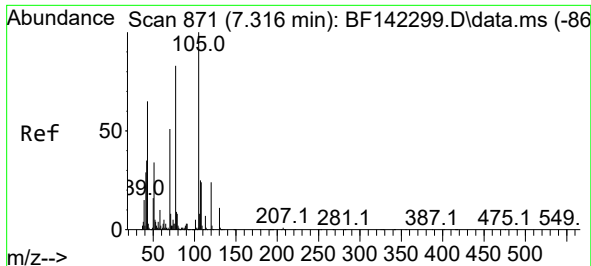


#18  
Hexachloroethane  
Concen: 39.747 ng  
RT: 7.416 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:117 Resp: 170275

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.9  | 76.9  | 115.3 |
| 201 | 97.5  | 78.0  | 117.0 |





#19

n-Nitroso-di-n-propylamine

Concen: 44.013 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

Tgt Ion: 70 Resp: 351225

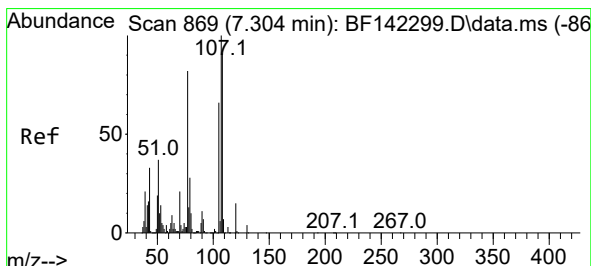
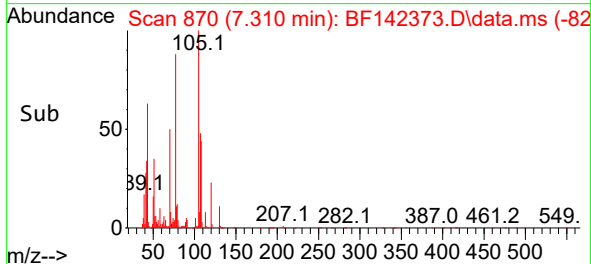
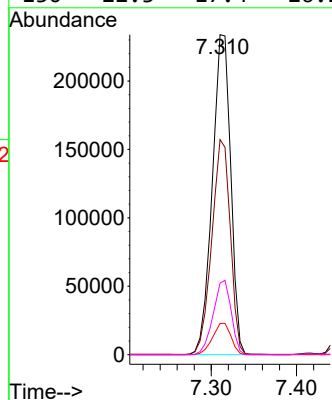
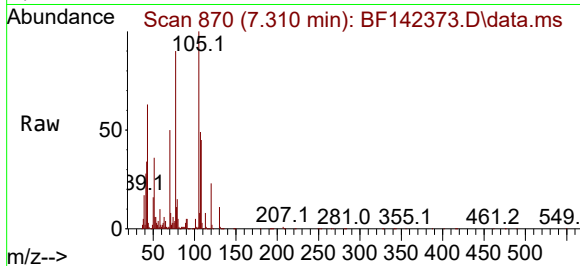
Ion Ratio Lower Upper

70 100

42 67.2 54.8 82.2

101 9.7 7.7 11.5

130 22.3 17.4 26.2



#20

3+4-Methylphenols

Concen: 44.536 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Tgt Ion:107 Resp: 504402

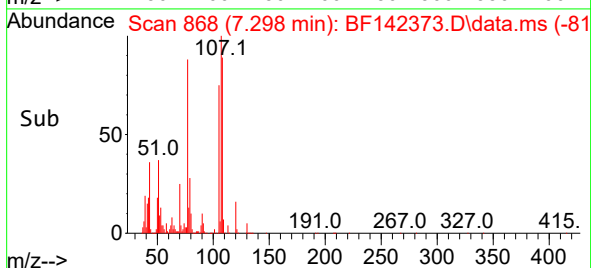
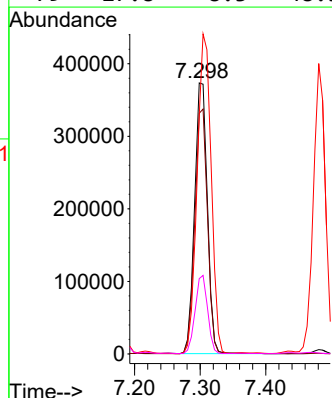
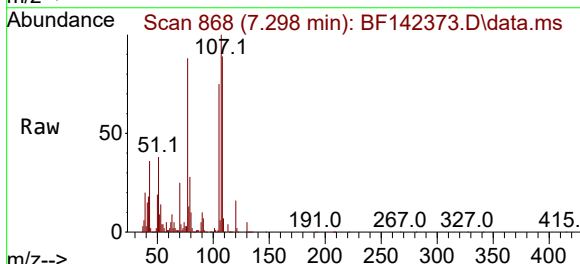
Ion Ratio Lower Upper

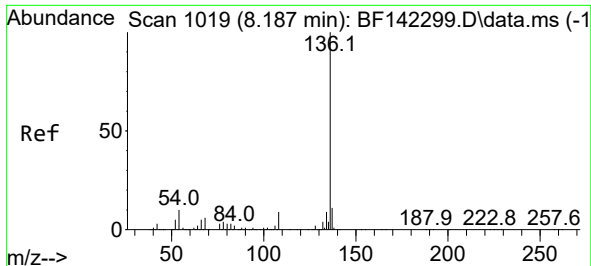
107 100

108 88.8 71.5 111.5

77 88.0 61.6 101.6

79 27.8 8.3 48.3

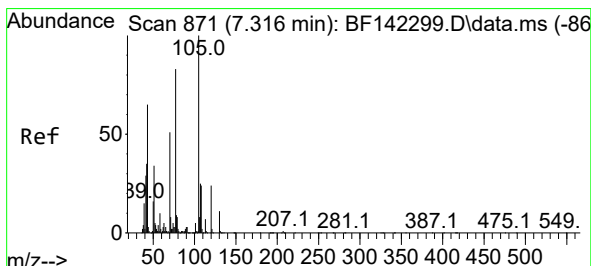
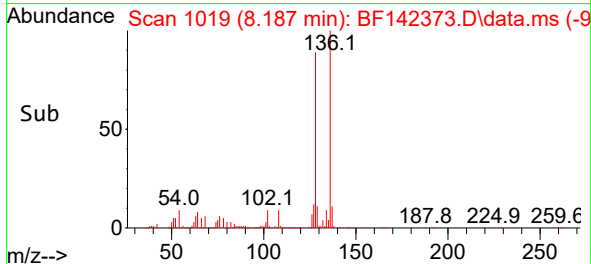
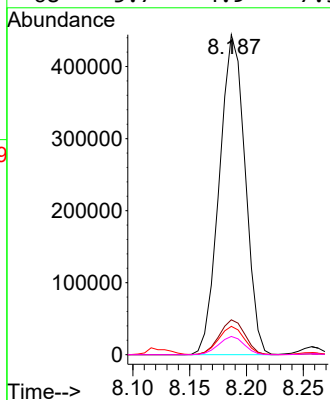
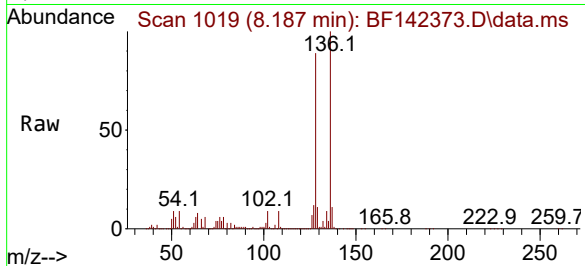




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

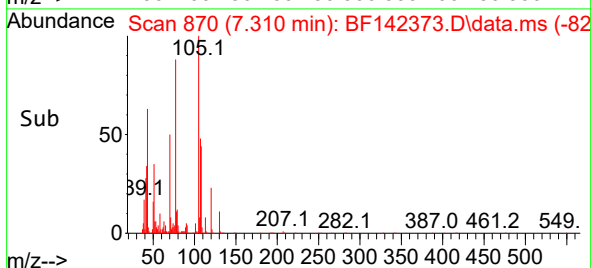
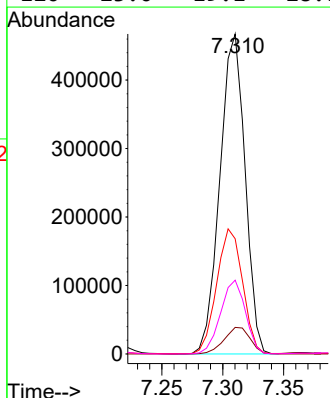
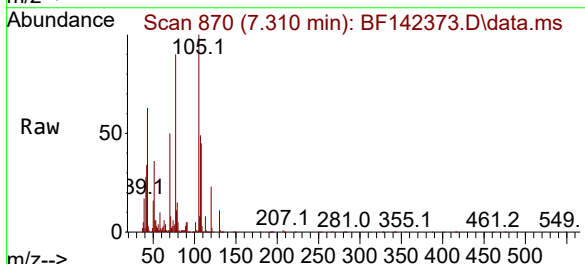
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

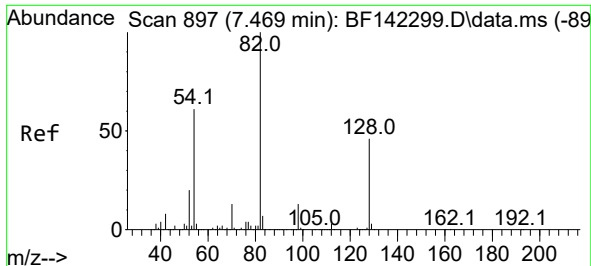
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 701472 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.9   | 13.3   |
| 54       | 8.9   | 7.7   | 11.5   |
| 68       | 5.7   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 43.115 ng  
RT: 7.310 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 672460 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 8.3   | 6.7   | 10.1   |
| 51       | 36.0  | 27.6  | 41.4   |
| 120      | 23.0  | 19.1  | 28.7   |





#23

Nitrobenzene-d5

Concen: 85.963 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

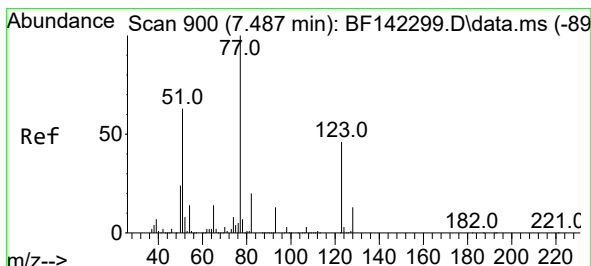
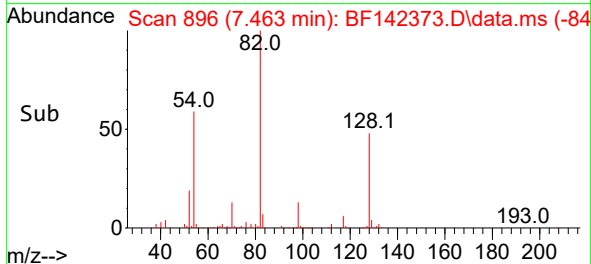
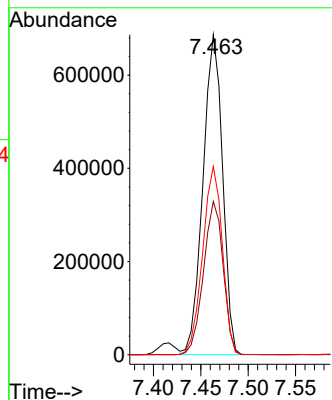
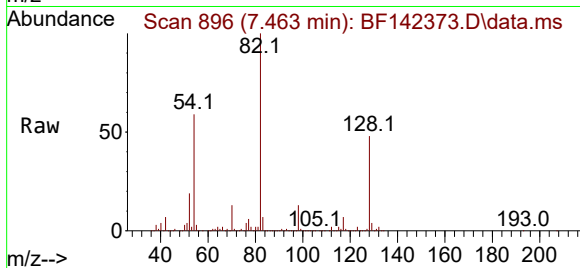
Tgt Ion: 82 Resp: 988742

Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.6

54 58.8 48.6 73.0



#24

Nitrobenzene

Concen: 46.385 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

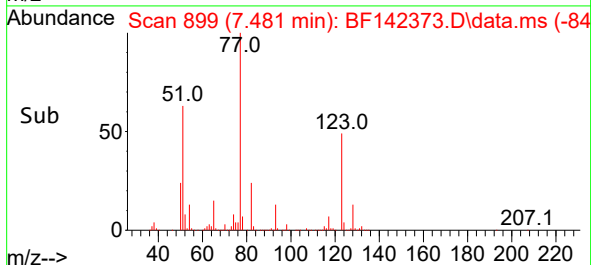
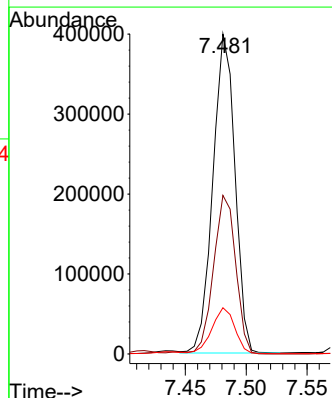
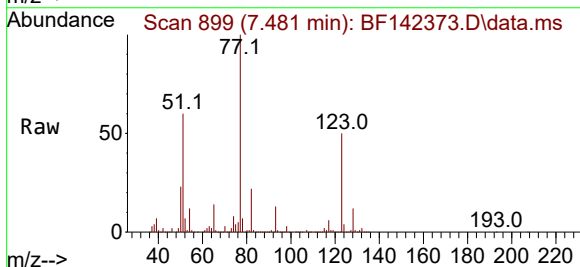
Tgt Ion: 77 Resp: 502910

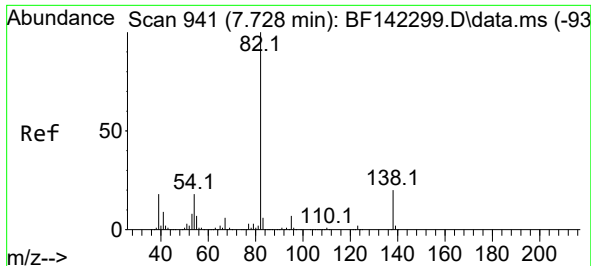
Ion Ratio Lower Upper

77 100

123 49.6 37.8 56.8

65 14.4 11.4 17.0





#25

Isophorone

Concen: 46.549 ng

RT: 7.722 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

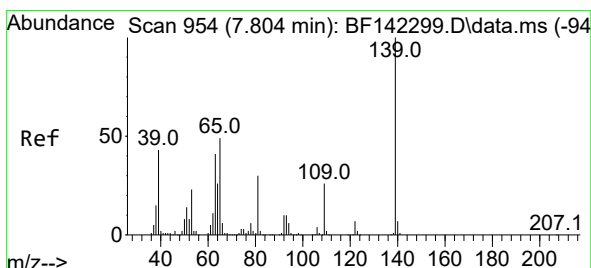
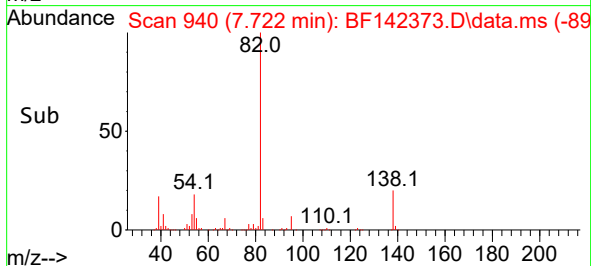
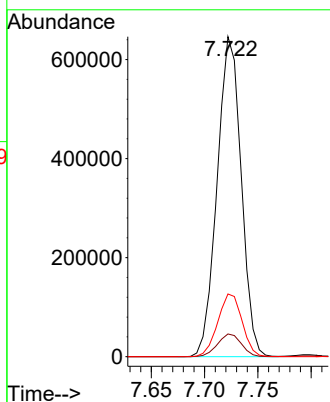
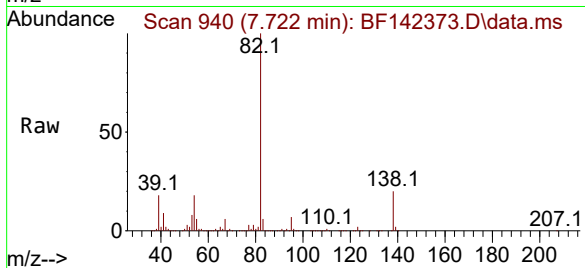
Tgt Ion: 82 Resp: 1013860

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

138 19.6 16.1 24.1



#26

2-Nitrophenol

Concen: 51.213 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

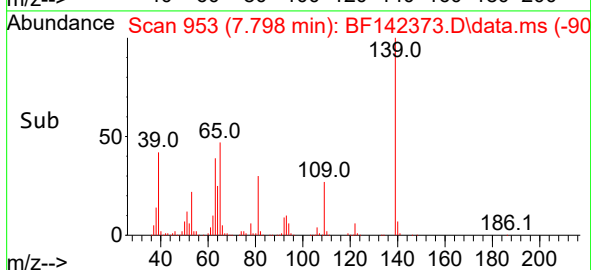
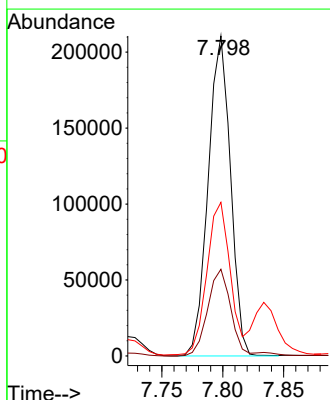
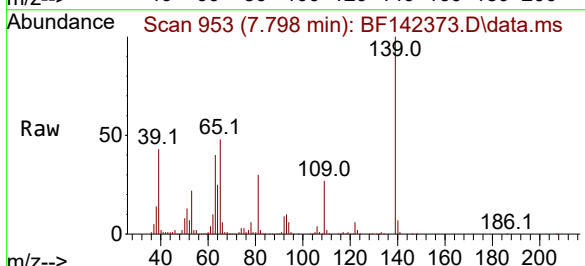
Tgt Ion:139 Resp: 269199

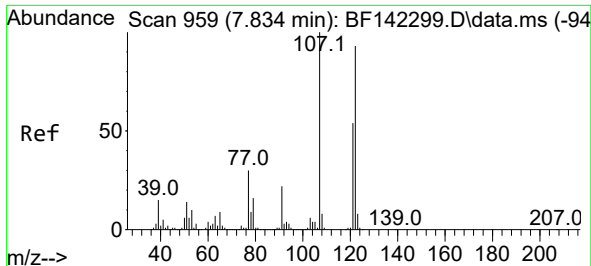
Ion Ratio Lower Upper

139 100

109 27.1 20.8 31.2

65 48.0 38.9 58.3

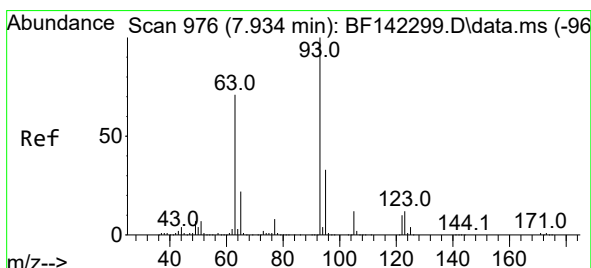
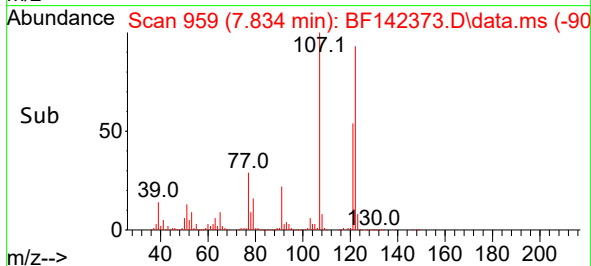
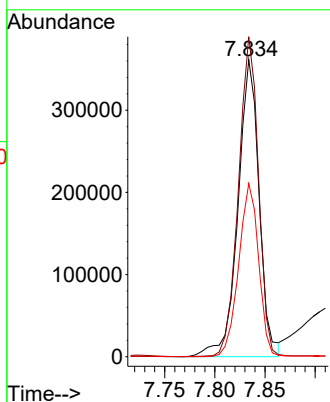
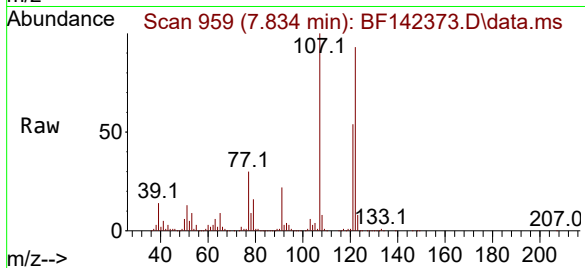




#27  
2,4-Dimethylphenol  
Concen: 48.508 ng  
RT: 7.834 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

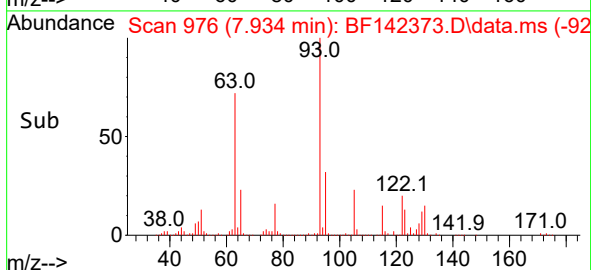
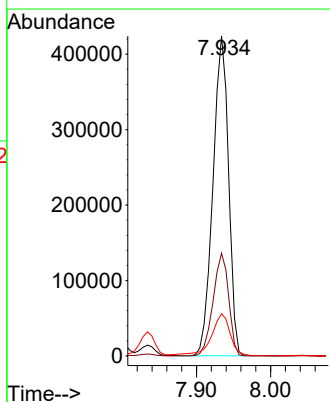
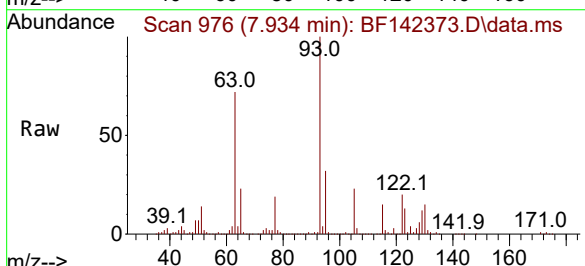
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

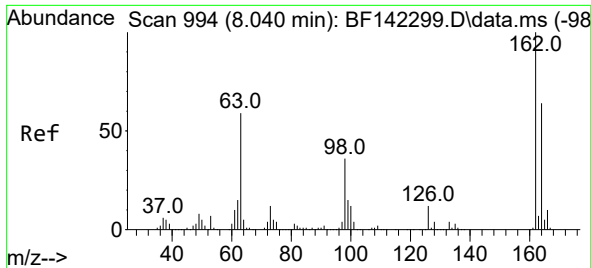
Tgt Ion:122 Resp: 531200  
Ion Ratio Lower Upper  
122 100  
107 107.7 86.0 129.0  
121 58.2 46.2 69.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.225 ng  
RT: 7.934 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion: 93 Resp: 619391  
Ion Ratio Lower Upper  
93 100  
95 32.1 26.1 39.1  
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 50.413 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

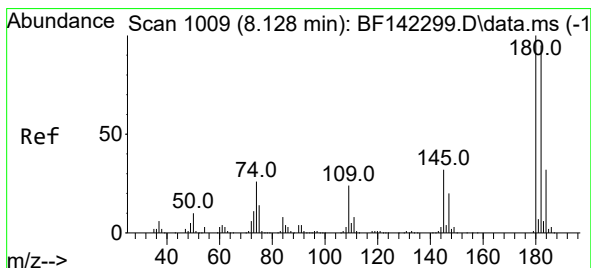
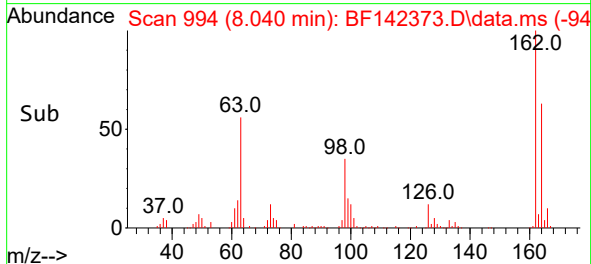
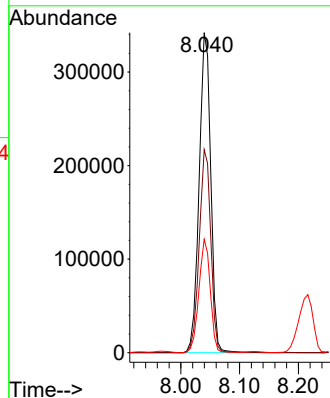
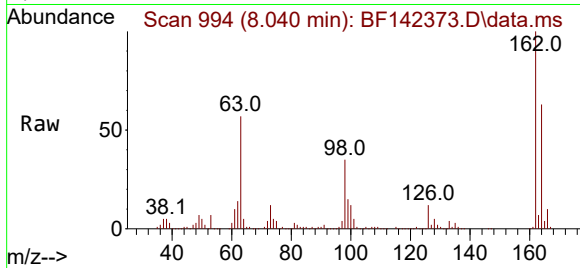
Tgt Ion:162 Resp: 469349

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 35.5 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.580 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

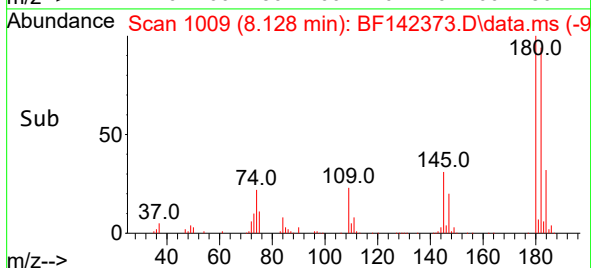
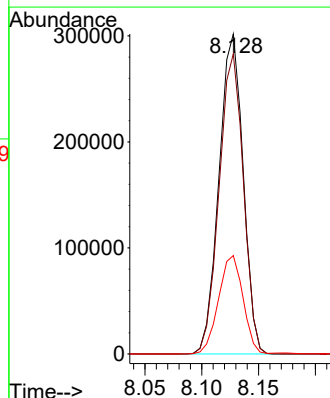
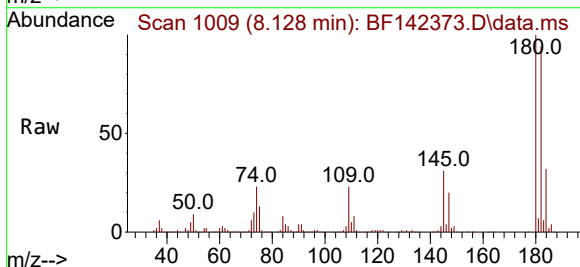
Tgt Ion:180 Resp: 446142

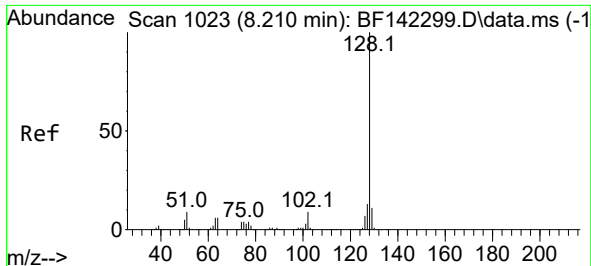
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.4

145 30.8 25.8 38.6

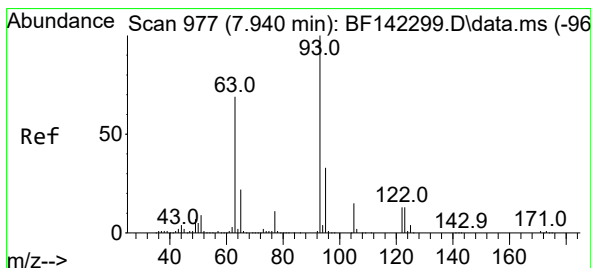
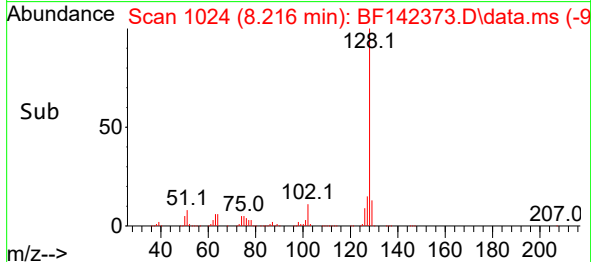
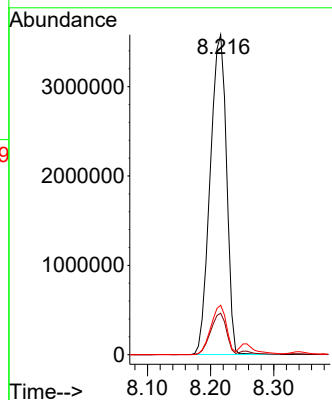
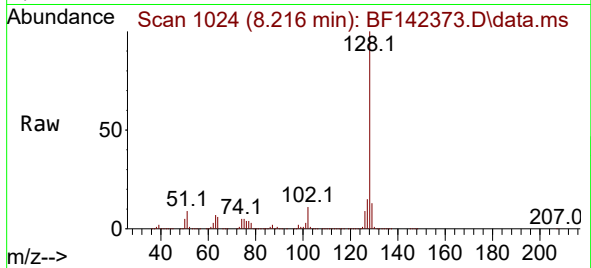




#31  
Naphthalene  
Concen: 188.687 ng  
RT: 8.216 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

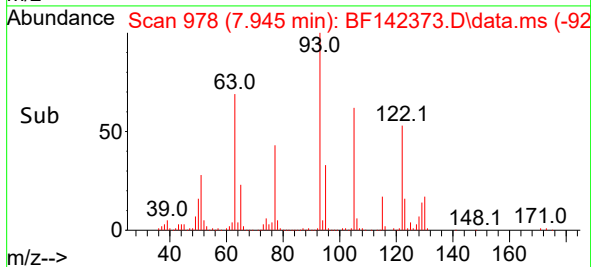
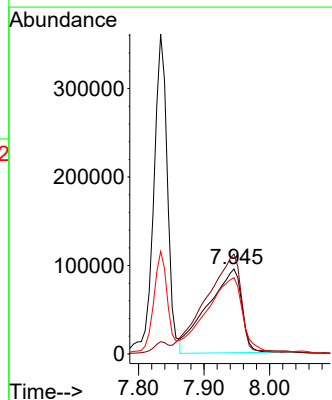
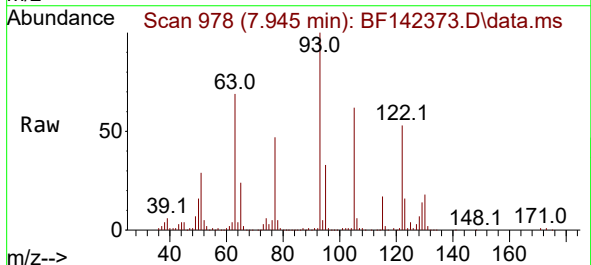
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

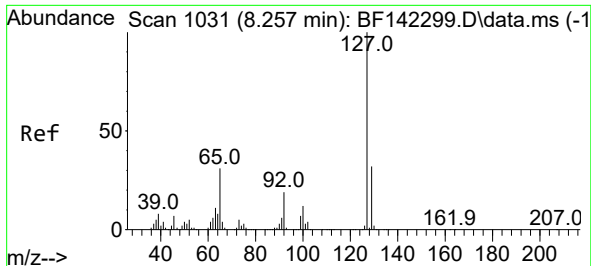
Tgt Ion:128 Resp: 6414852  
Ion Ratio Lower Upper  
128 100  
129 12.9 9.1 13.7  
127 15.5 10.5 15.7



#32  
Benzoic acid  
Concen: 55.919 ng  
RT: 7.945 min Scan# 978  
Delta R.T. 0.005 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:122 Resp: 344365  
Ion Ratio Lower Upper  
122 100  
105 117.6 97.9 137.9  
77 89.9 67.7 107.7



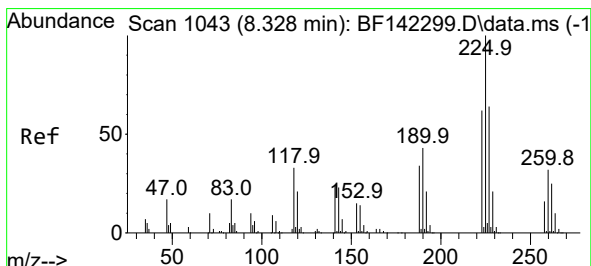
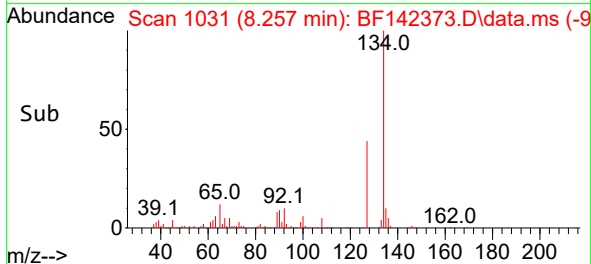
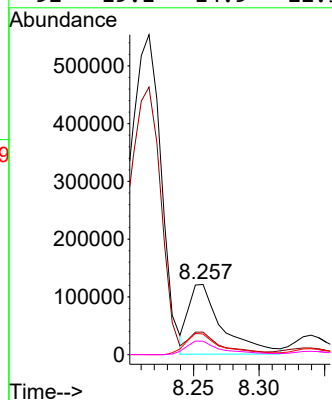
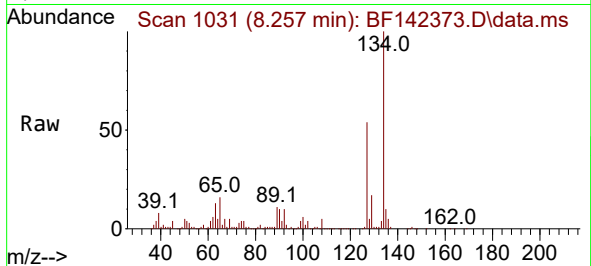


#33  
4-Chloroaniline  
Concen: 15.670 ng  
RT: 8.257 min Scan# 1031  
Delta R.T. -0.010 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

Tgt Ion:127 Resp: 217383

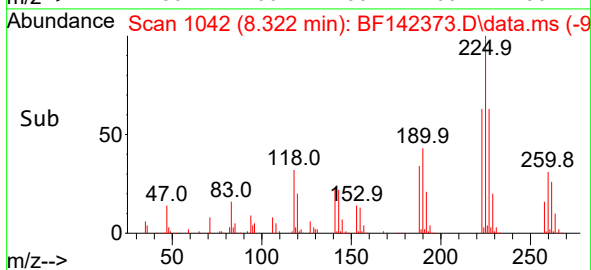
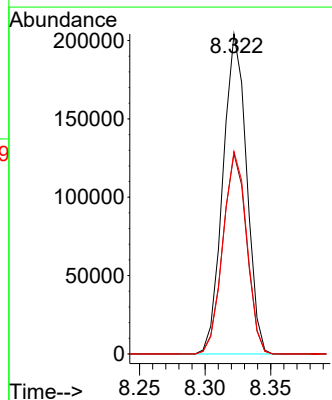
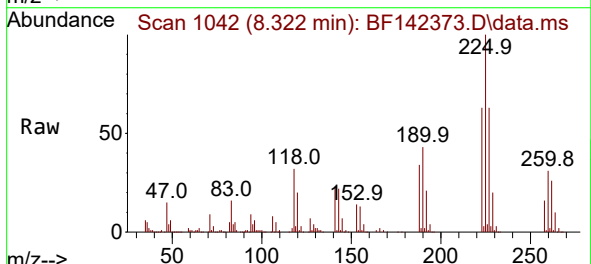
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.2  | 25.7  | 38.5  |
| 65  | 29.5  | 24.9  | 37.3  |
| 92  | 19.1  | 14.9  | 22.3  |

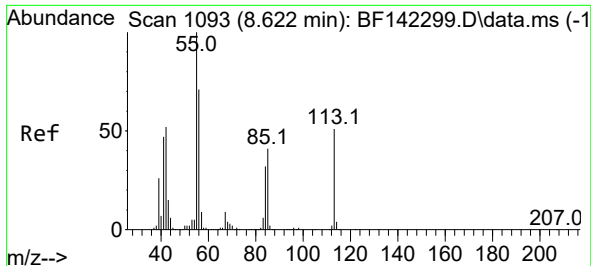


#34  
Hexachlorobutadiene  
Concen: 41.293 ng  
RT: 8.322 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:225 Resp: 256194

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.6  | 49.8  | 74.6  |
| 227 | 63.3  | 50.9  | 76.3  |

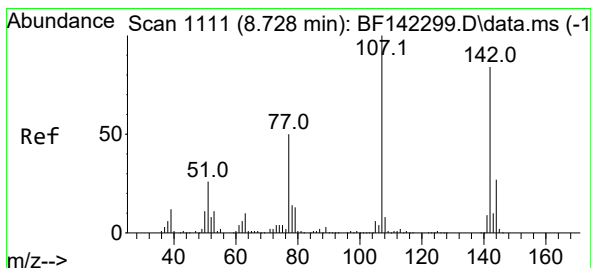
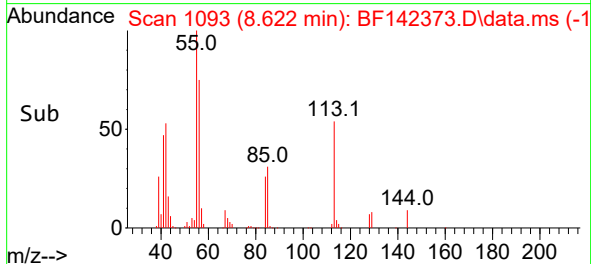
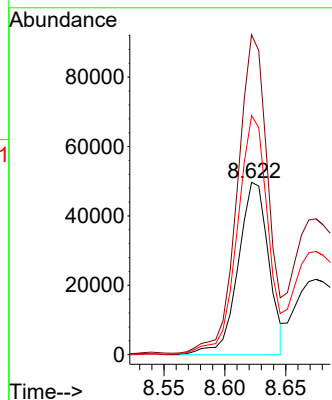
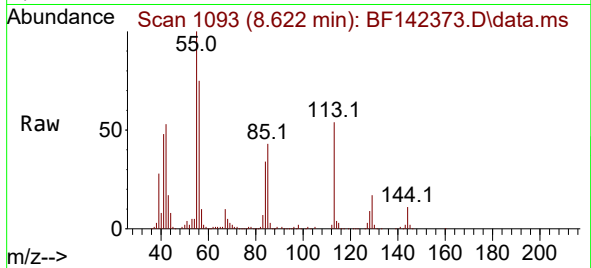




#35  
Caprolactam  
Concen: 31.934 ng  
RT: 8.622 min Scan# 1109  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

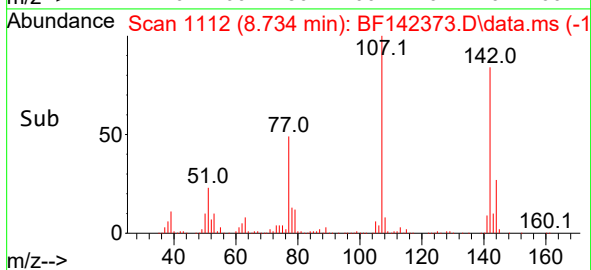
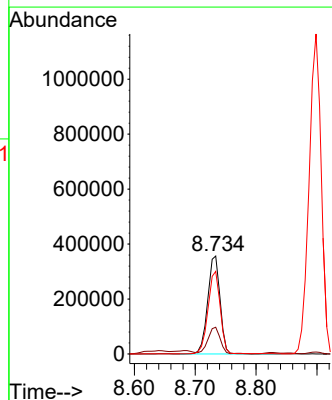
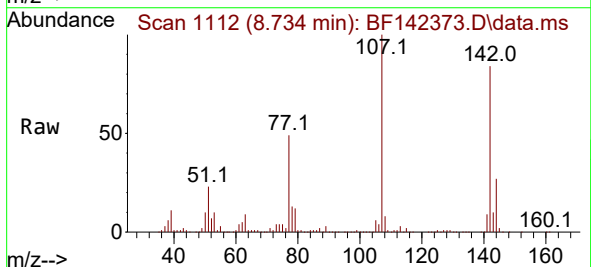
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

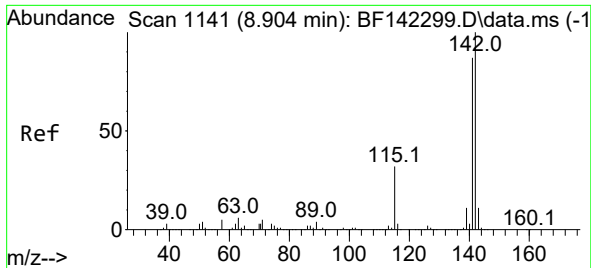
Tgt Ion:113 Resp: 86648  
Ion Ratio Lower Upper  
113 100  
55 185.7 176.4 216.4  
56 138.8 120.3 160.3



#36  
4-Chloro-3-methylphenol  
Concen: 51.956 ng  
RT: 8.734 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:107 Resp: 502825  
Ion Ratio Lower Upper  
107 100  
144 27.4 21.3 31.9  
142 84.3 66.9 100.3

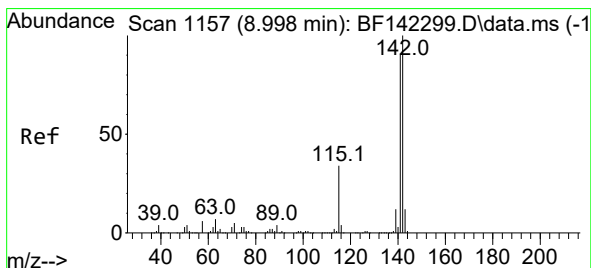
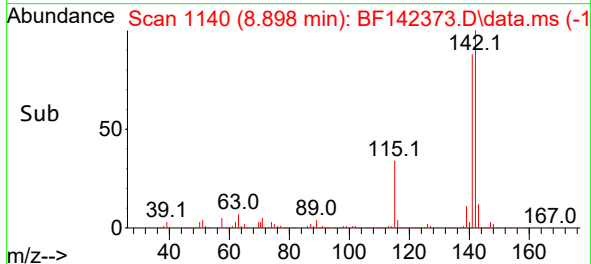
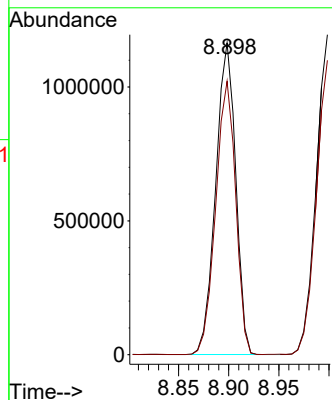
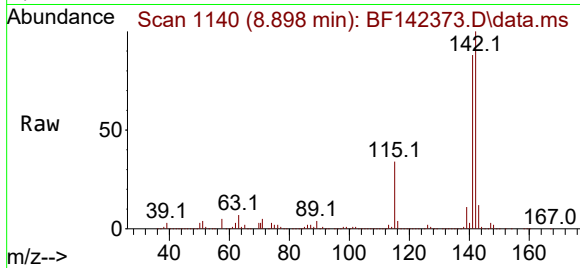




#37  
2-Methylnaphthalene  
Concen: 76.218 ng  
RT: 8.898 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

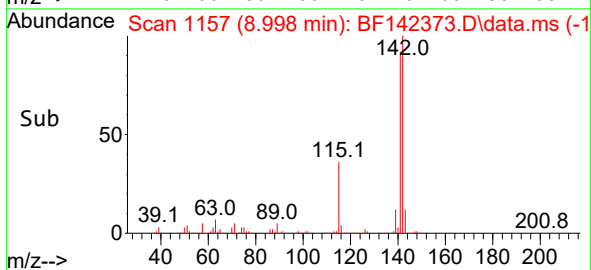
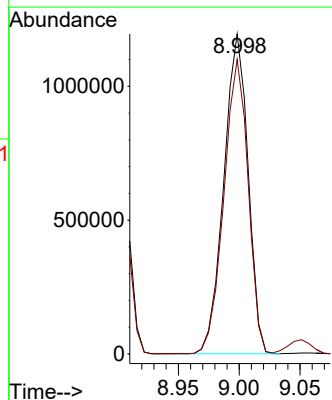
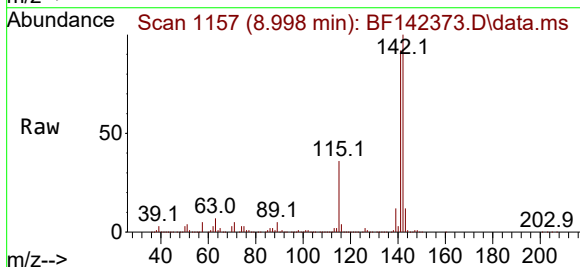
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

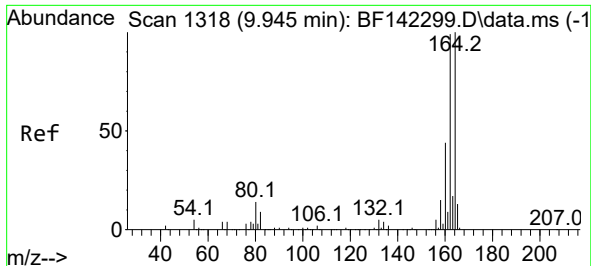
Tgt Ion:142 Resp: 1610135  
Ion Ratio Lower Upper  
142 100  
141 87.7 69.4 104.2



#38  
1-Methylnaphthalene  
Concen: 75.296 ng  
RT: 8.998 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:142 Resp: 1657888  
Ion Ratio Lower Upper  
142 100  
141 92.0 72.5 108.7

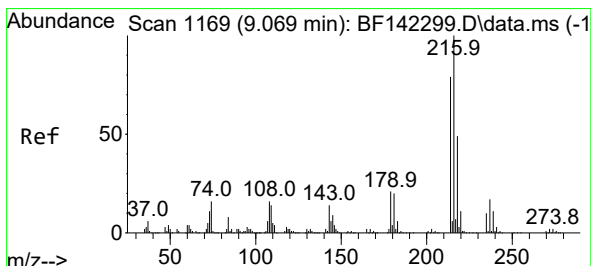
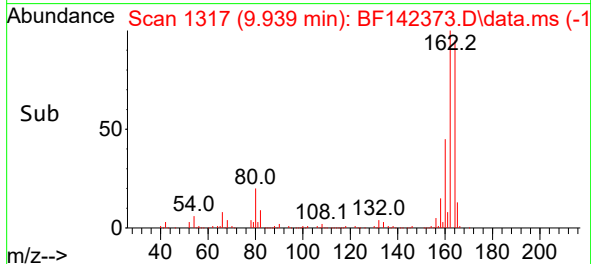
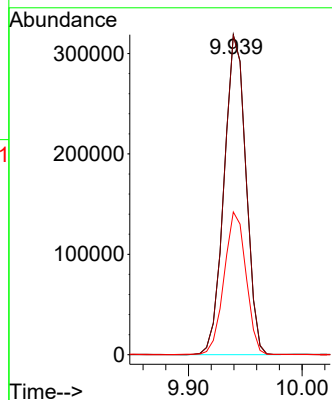
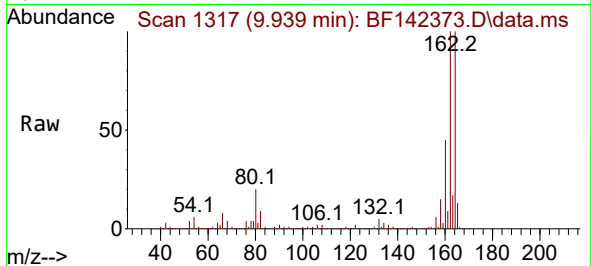




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

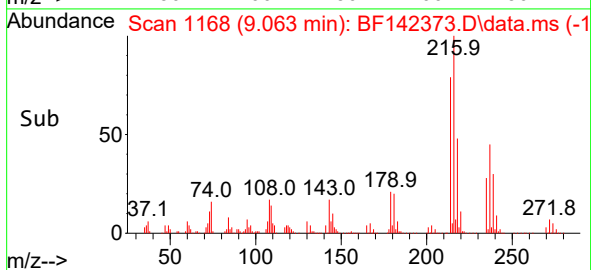
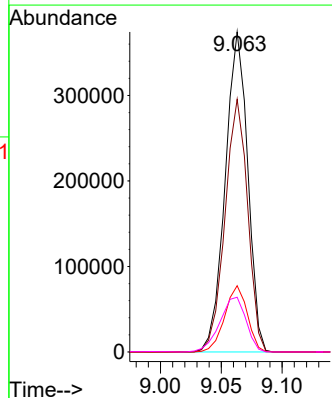
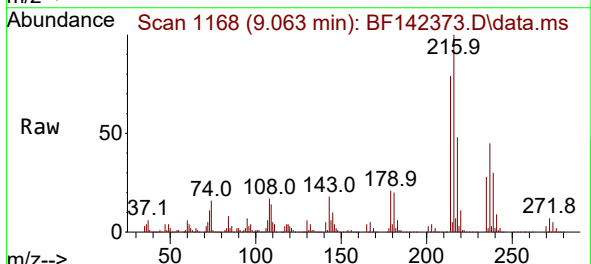
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

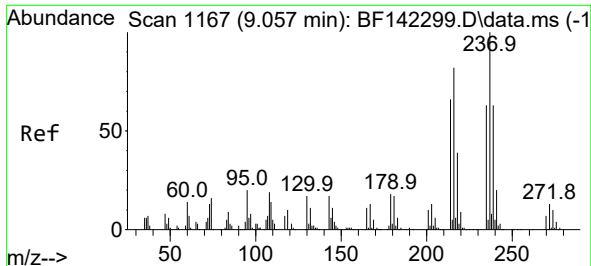
Tgt Ion:164 Resp: 425907  
Ion Ratio Lower Upper  
164 100  
162 99.8 79.2 118.8  
160 44.6 35.3 52.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.567 ng  
RT: 9.063 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:216 Resp: 482550  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.8 95.6  
179 20.7 17.0 25.6  
108 20.0 15.0 22.6

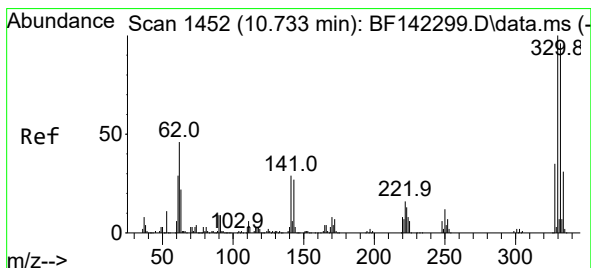
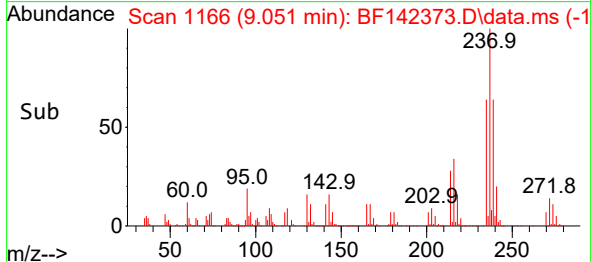
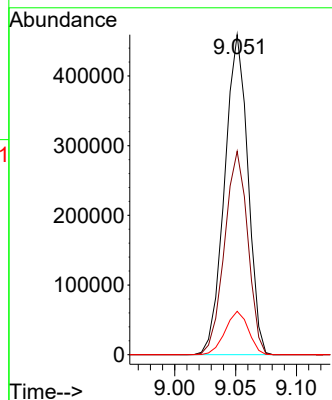
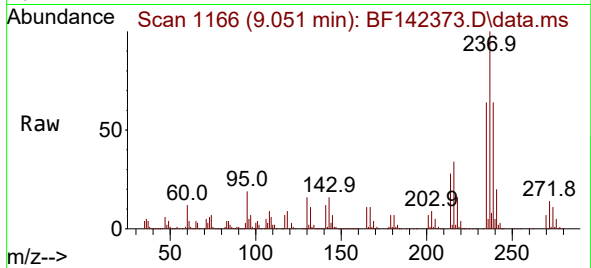




#41  
Hexachlorocyclopentadiene  
Concen: 83.003 ng  
RT: 9.051 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

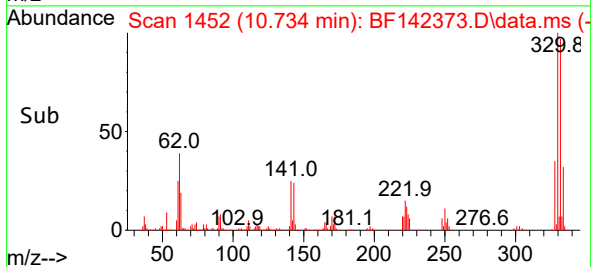
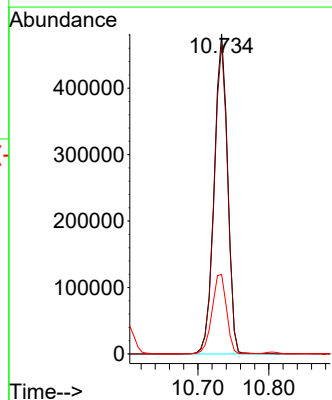
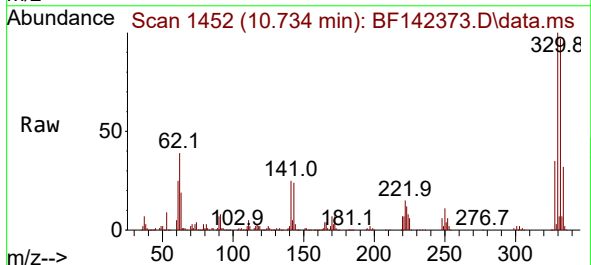
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

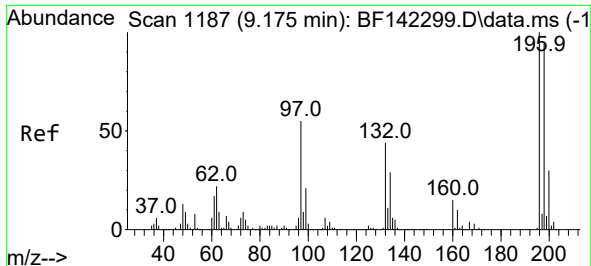
Tgt Ion:237 Resp: 610197  
Ion Ratio Lower Upper  
237 100  
235 63.6 42.8 82.8  
272 13.5 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 154.261 ng  
RT: 10.734 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:330 Resp: 634330  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.8 115.2  
141 26.7 24.9 37.3

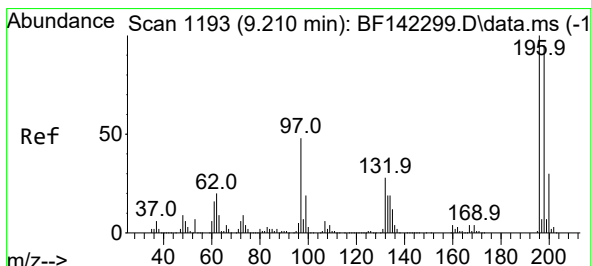
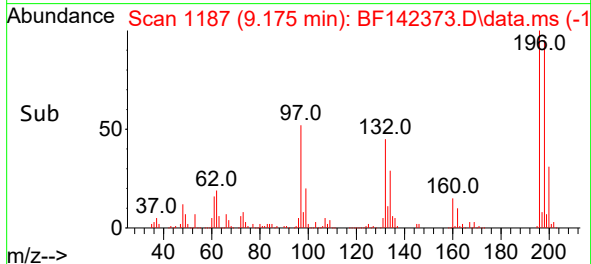
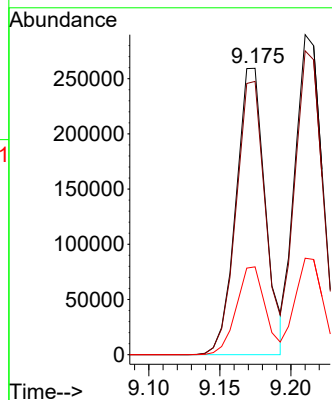
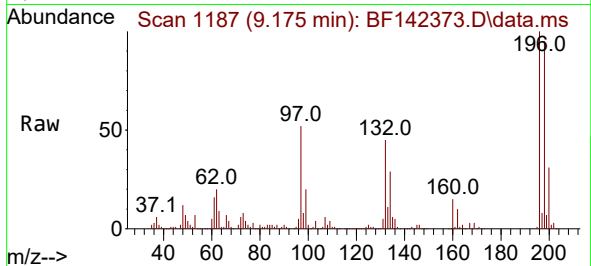




#43  
2,4,6-Trichlorophenol  
Concen: 49.517 ng  
RT: 9.175 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

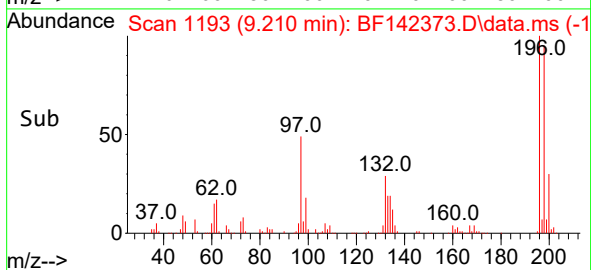
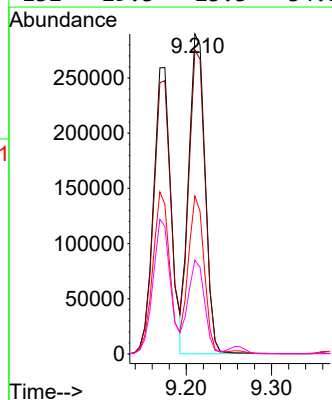
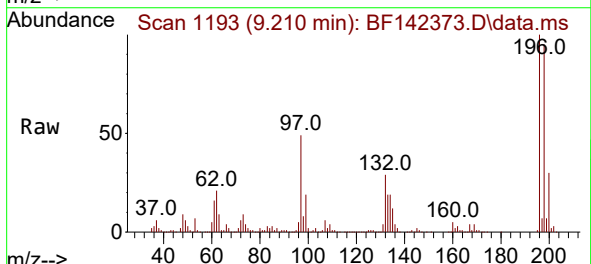
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

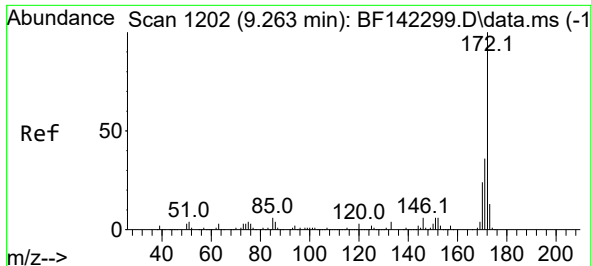
Tgt Ion:196 Resp: 371527  
Ion Ratio Lower Upper  
196 100  
198 95.4 75.4 113.0  
200 30.7 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 48.425 ng  
RT: 9.210 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:196 Resp: 386591  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.1 114.1  
97 49.4 39.0 58.4  
132 29.3 23.3 34.9

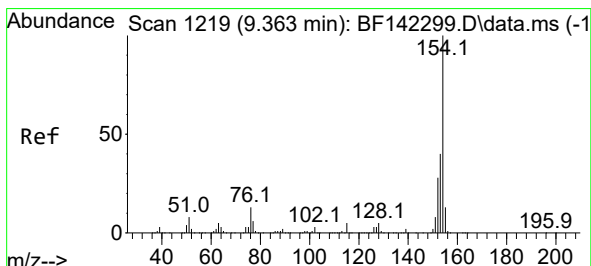
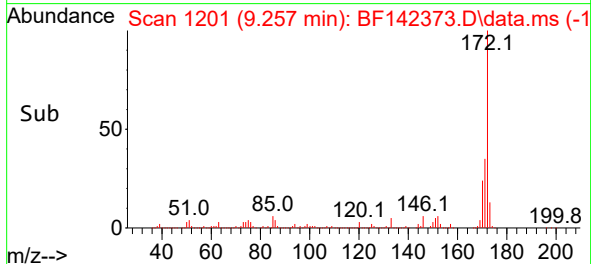
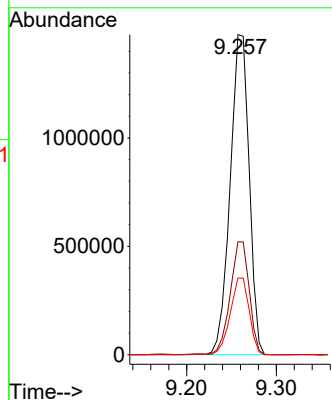
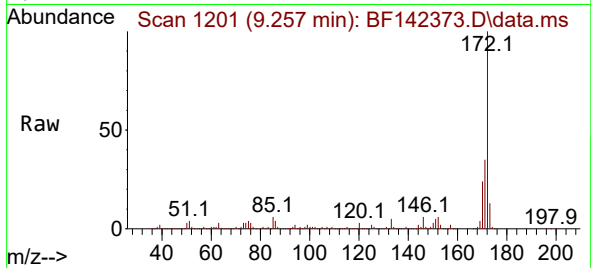




#45  
2-Fluorobiphenyl  
Concen: 72.645 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

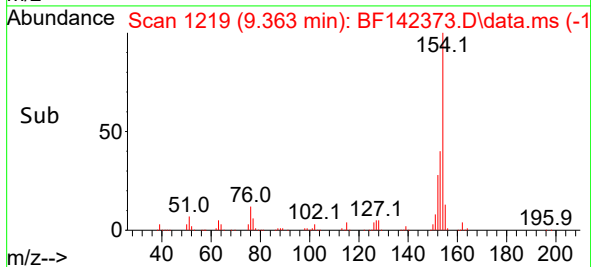
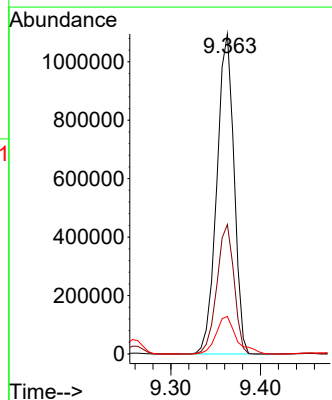
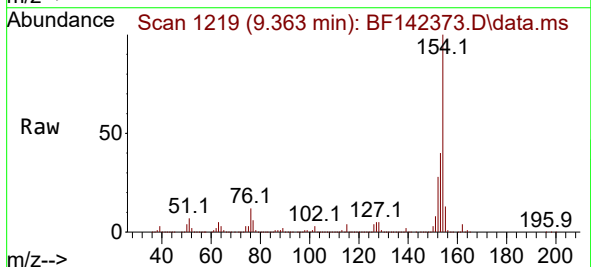
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

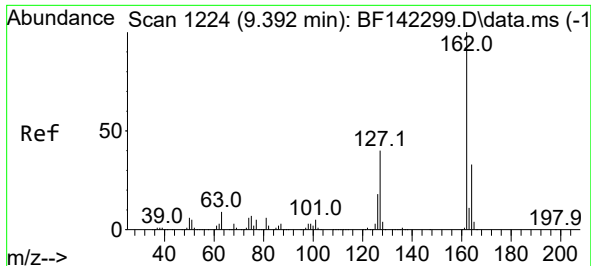
Tgt Ion:172 Resp: 2169889  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.6 42.8  
170 24.0 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 44.625 ng  
RT: 9.363 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:154 Resp: 1457266  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.5 60.5  
76 11.7 0.0 32.8

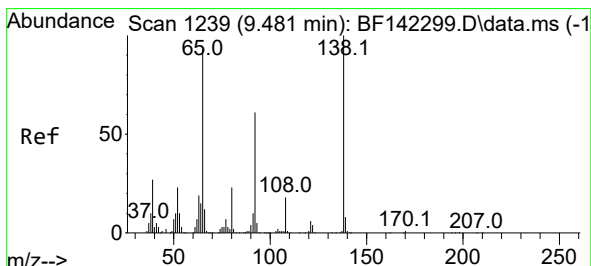
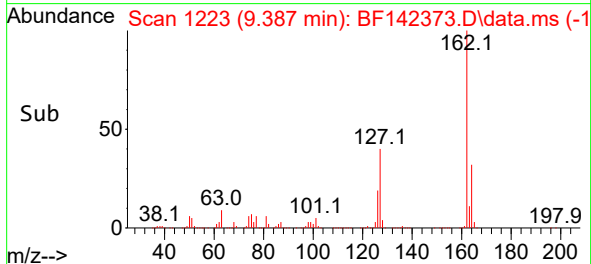
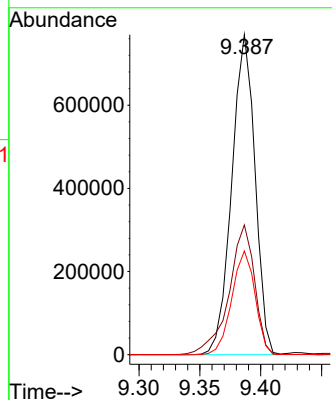
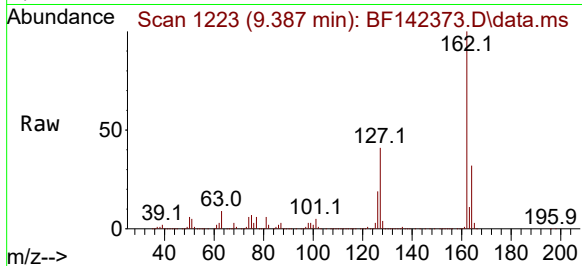




#47  
2-Chloronaphthalene  
Concen: 42.093 ng  
RT: 9.387 min Scan# 1223  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

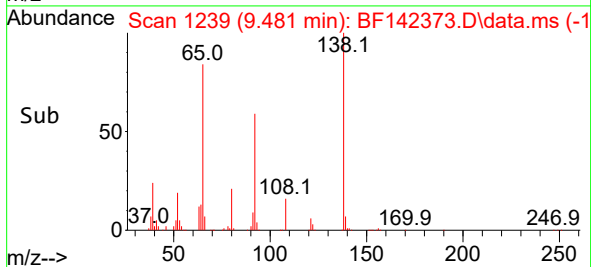
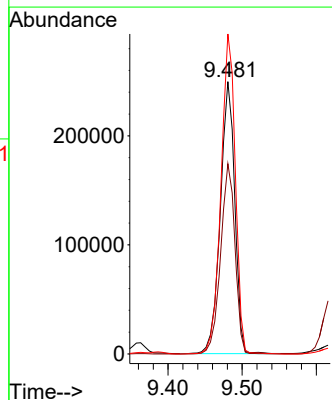
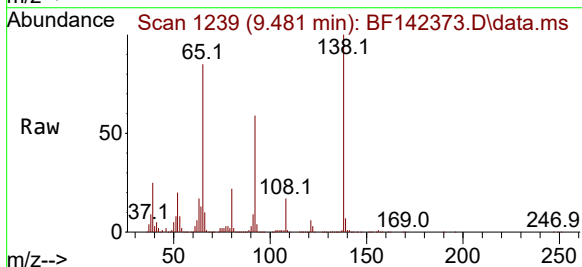
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

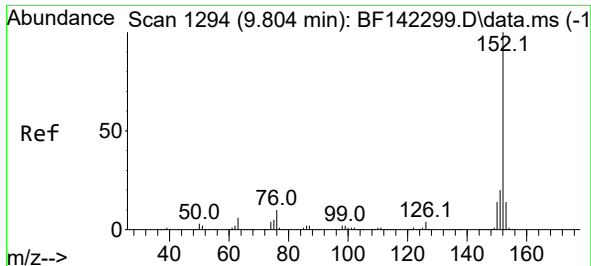
Tgt Ion:162 Resp: 1022257  
Ion Ratio Lower Upper  
162 100  
127 40.5 32.3 48.5  
164 32.4 26.6 40.0



#48  
2-Nitroaniline  
Concen: 54.382 ng  
RT: 9.481 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion: 65 Resp: 338524  
Ion Ratio Lower Upper  
65 100  
92 69.9 52.3 78.5  
138 117.5 85.6 128.4

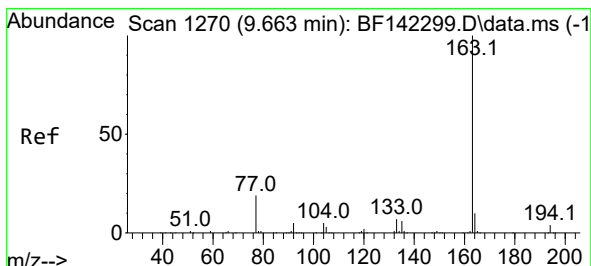
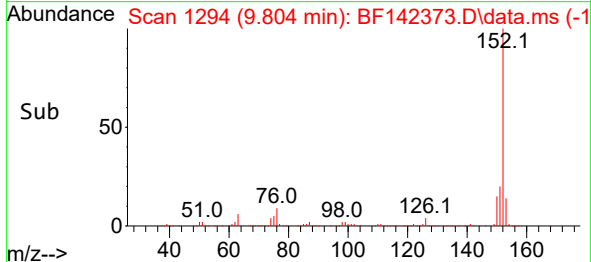
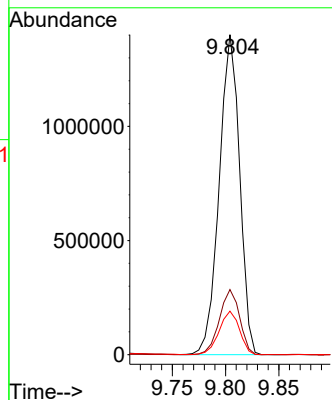
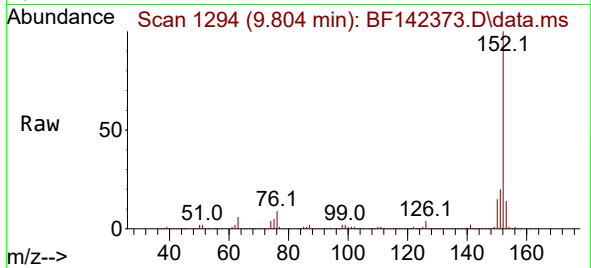




#49  
Acenaphthylene  
Concen: 45.898 ng  
RT: 9.804 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

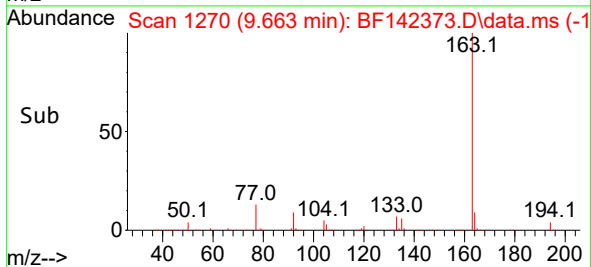
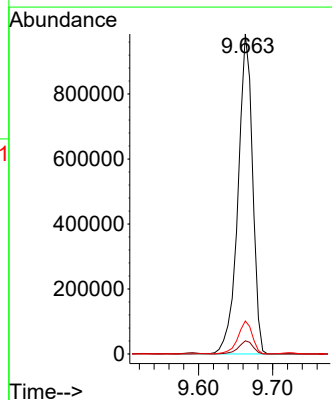
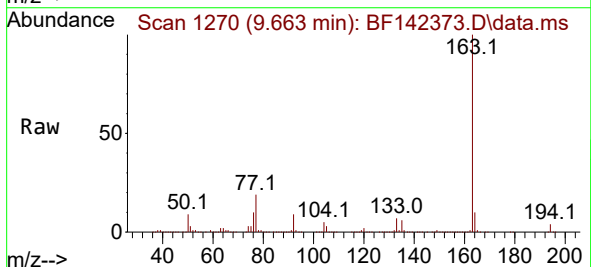
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

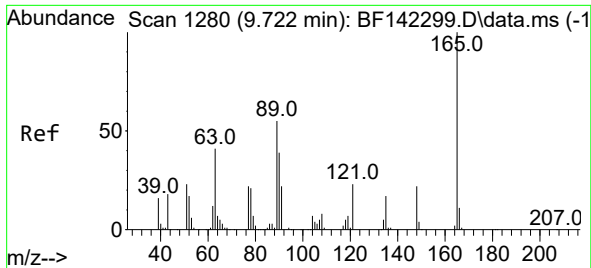
Tgt Ion:152 Resp: 1864675  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.0 24.0  
153 13.6 10.8 16.2



#50  
Dimethylphthalate  
Concen: 49.082 ng  
RT: 9.663 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:163 Resp: 1342328  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.3 8.3 12.5

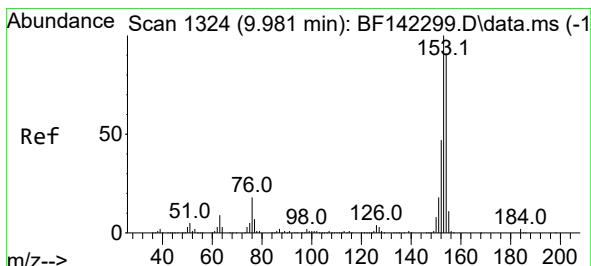
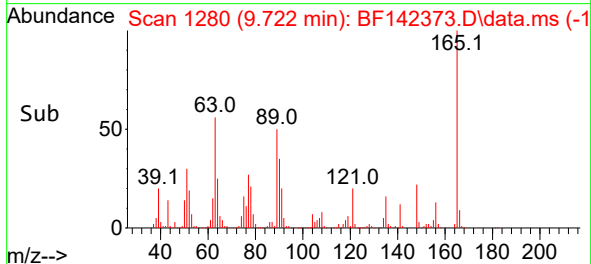
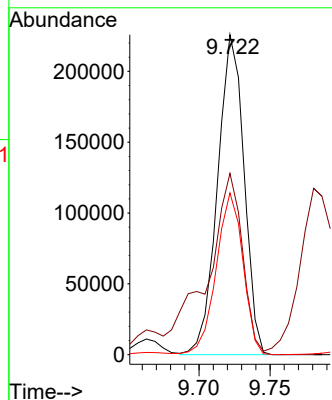
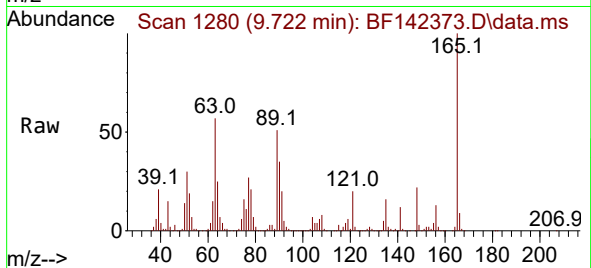




#51  
2,6-Dinitrotoluene  
Concen: 57.243 ng  
RT: 9.722 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

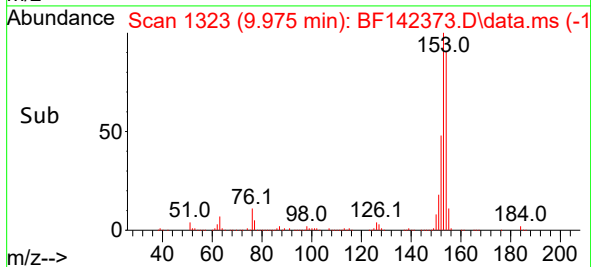
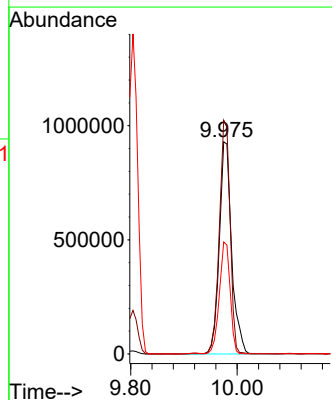
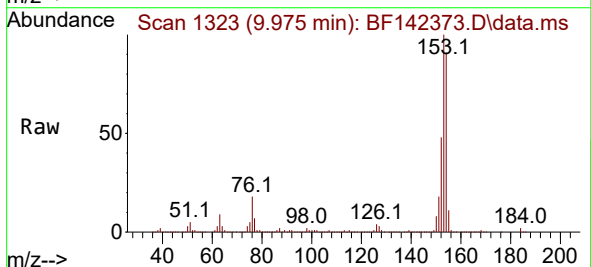
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

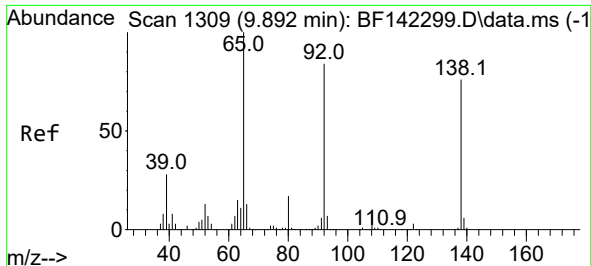
Tgt Ion:165 Resp: 293039  
Ion Ratio Lower Upper  
165 100  
63 56.7 49.5 74.3  
89 50.5 44.6 66.8



#52  
Acenaphthene  
Concen: 61.153 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:154 Resp: 1493853  
Ion Ratio Lower Upper  
154 100  
153 110.2 88.0 132.0  
152 52.8 41.6 62.4

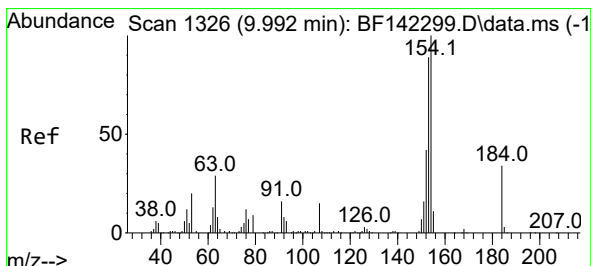
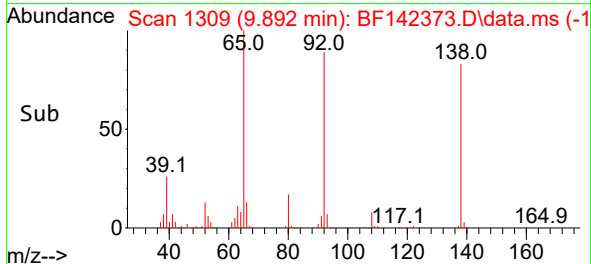
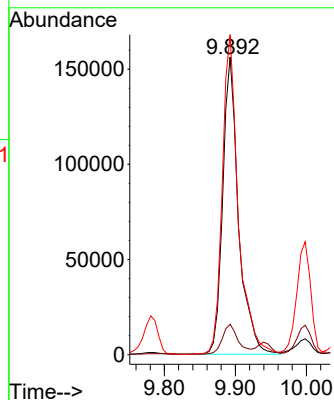
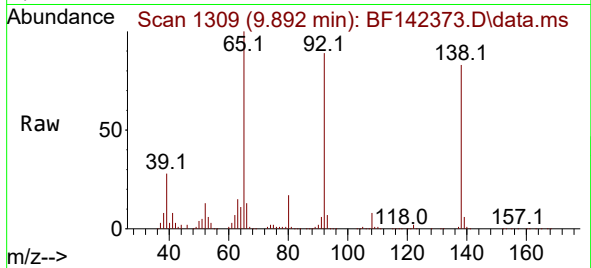




#53  
3-Nitroaniline  
Concen: 40.062 ng  
RT: 9.892 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

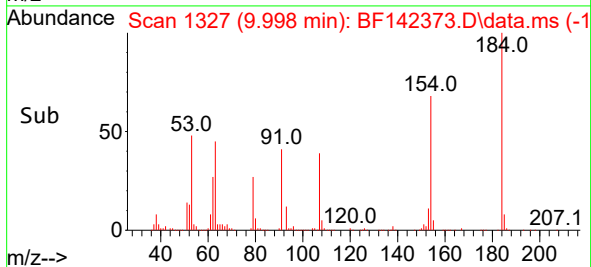
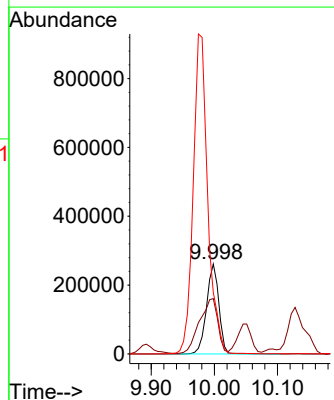
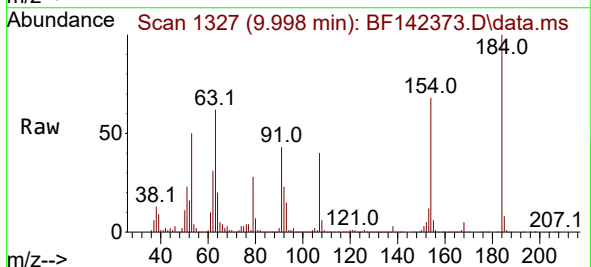
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

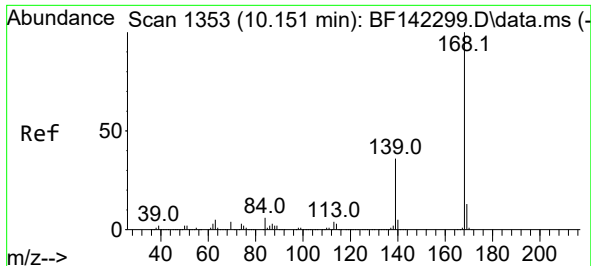
Tgt Ion:138 Resp: 240523  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.7 13.1  
92 107.5 89.5 134.3



#54  
2,4-Dinitrophenol  
Concen: 127.284 ng  
RT: 9.998 min Scan# 1327  
Delta R.T. 0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:184 Resp: 354302  
Ion Ratio Lower Upper  
184 100  
63 61.6 70.6 105.8#  
154 68.3 257.2 385.8#

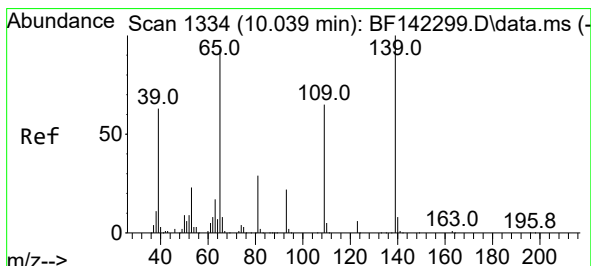
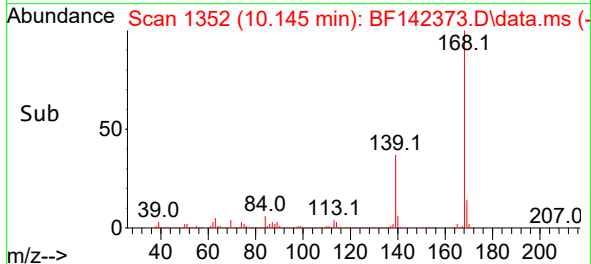
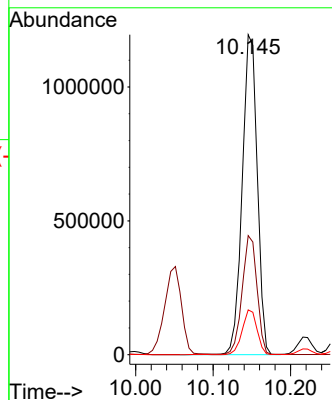
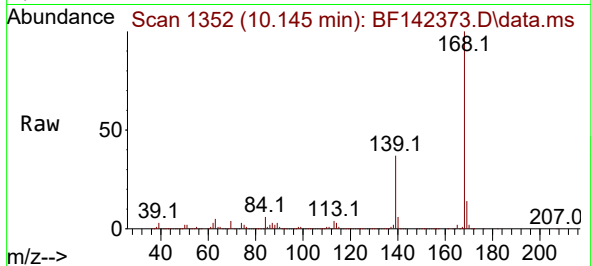




#55  
Dibenzenofuran  
Concen: 44.811 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

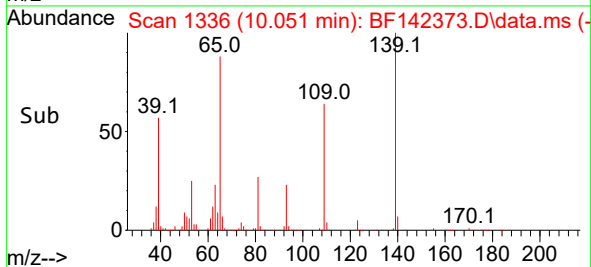
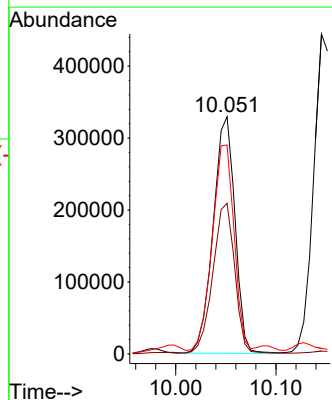
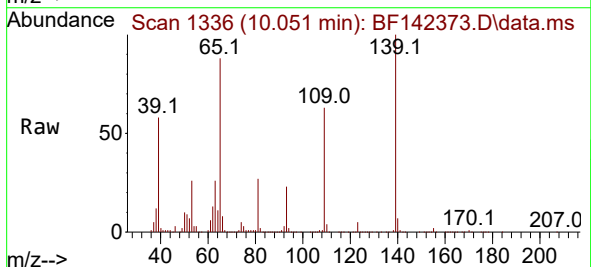
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

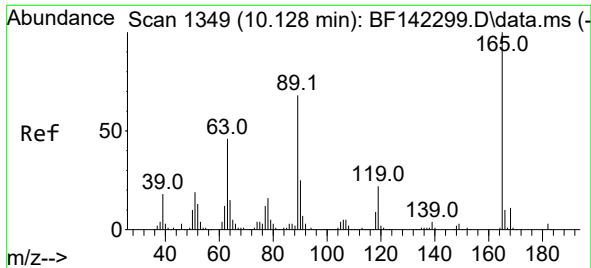
Tgt Ion:168 Resp: 1615499  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.0 43.4  
169 14.0 10.7 16.1



#56  
4-Nitrophenol  
Concen: 109.890 ng  
RT: 10.051 min Scan# 1336  
Delta R.T. 0.012 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:139 Resp: 496548  
Ion Ratio Lower Upper  
139 100  
109 63.5 45.3 85.3  
65 88.1 73.9 113.9

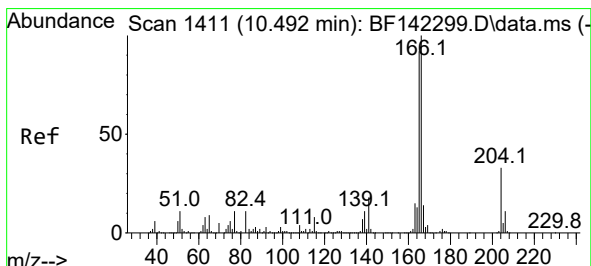
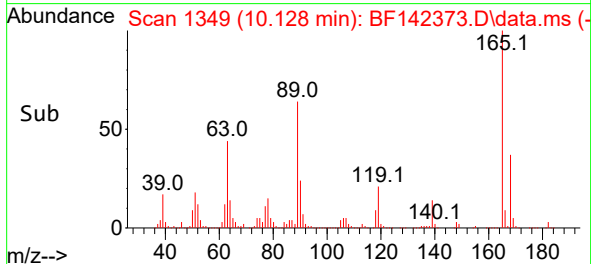
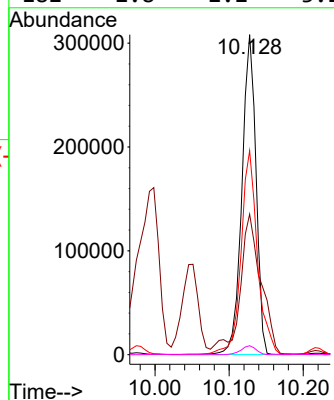
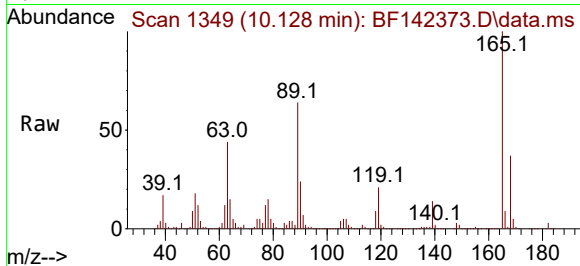




#57  
2,4-Dinitrotoluene  
Concen: 61.852 ng  
RT: 10.128 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

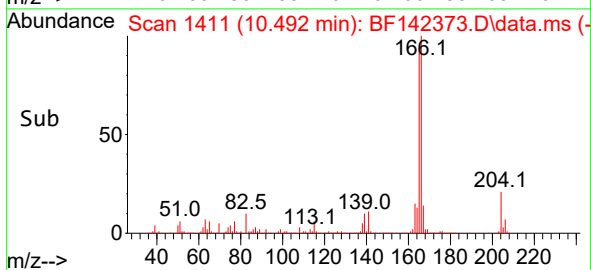
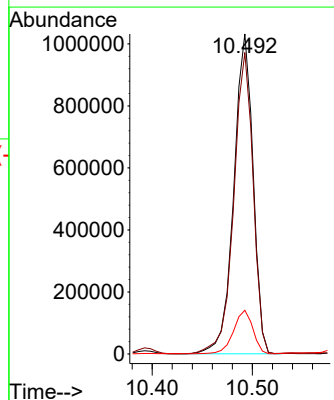
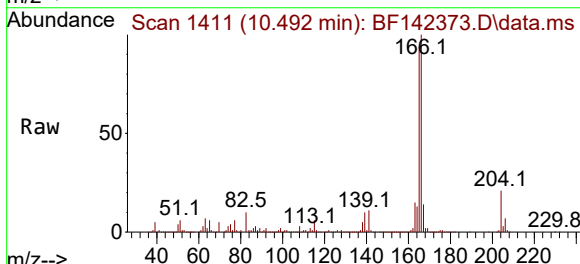
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

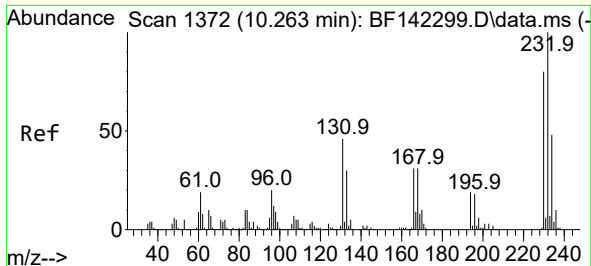
Tgt Ion:165 Resp: 406148  
Ion Ratio Lower Upper  
165 100  
63 43.9 37.1 55.7  
89 63.8 54.4 81.6  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 50.072 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:166 Resp: 1377632  
Ion Ratio Lower Upper  
166 100  
165 94.2 74.0 111.0  
167 13.6 10.9 16.3

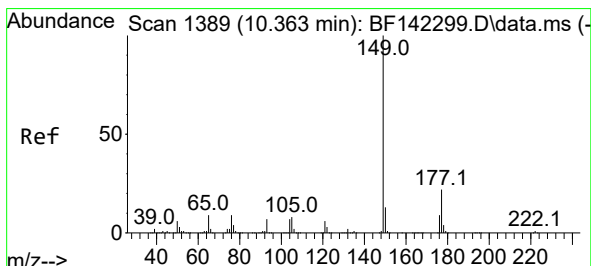
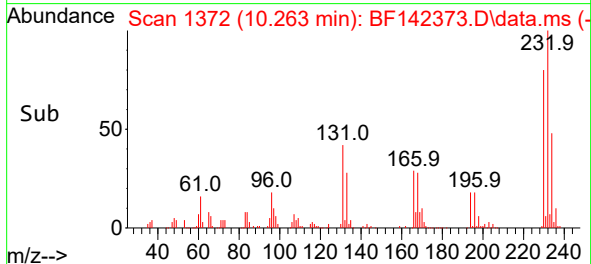
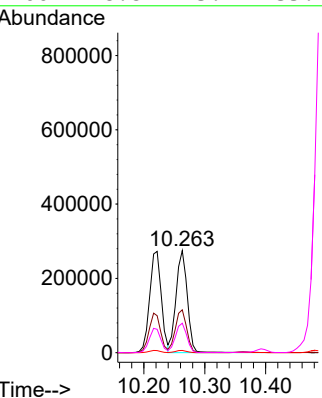
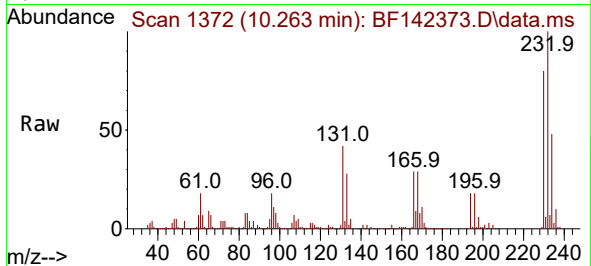




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.294 ng  
RT: 10.263 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

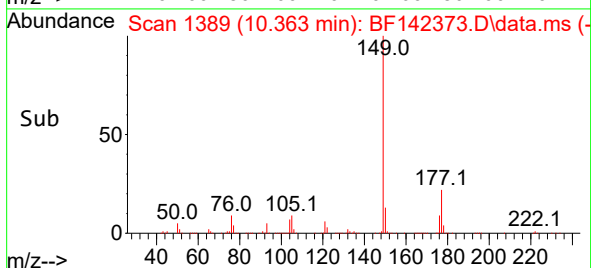
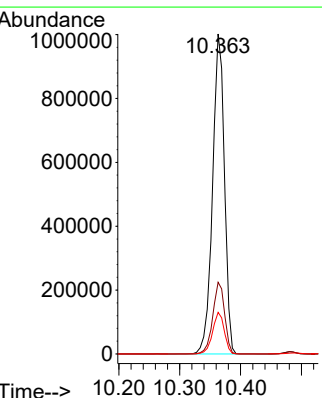
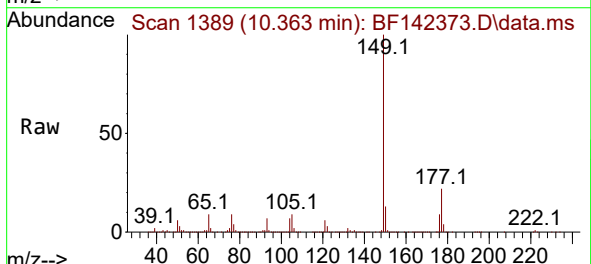
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

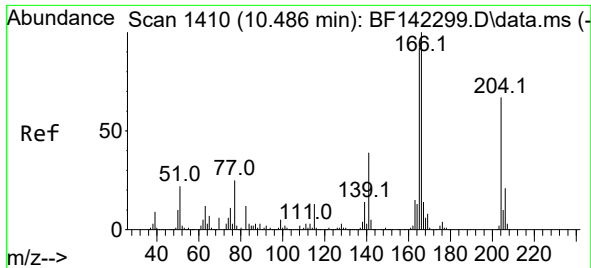
Tgt Ion:232 Resp: 351224  
Ion Ratio Lower Upper  
232 100  
131 42.7 36.0 54.0  
130 2.2 1.8 2.6  
166 28.8 23.4 35.2



#60  
Diethylphthalate  
Concen: 49.654 ng  
RT: 10.363 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:149 Resp: 1356138  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.6 26.4  
150 13.0 10.1 15.1

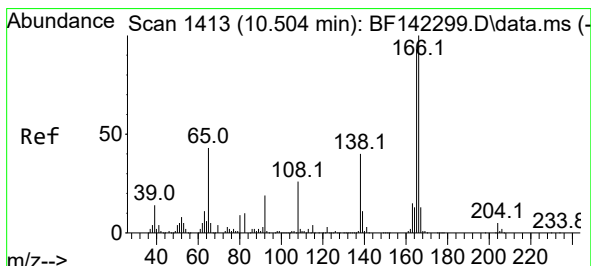
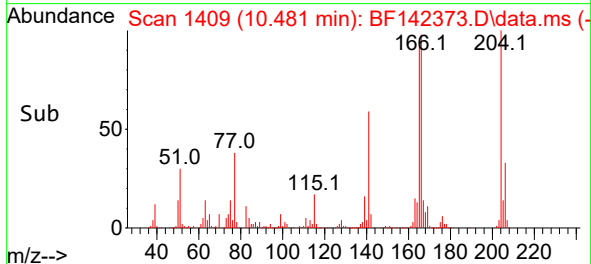
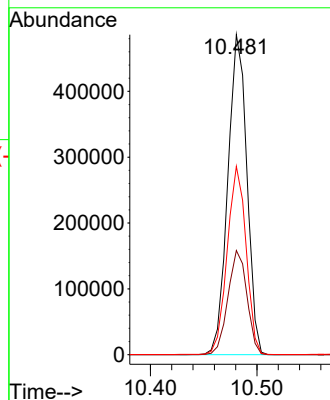
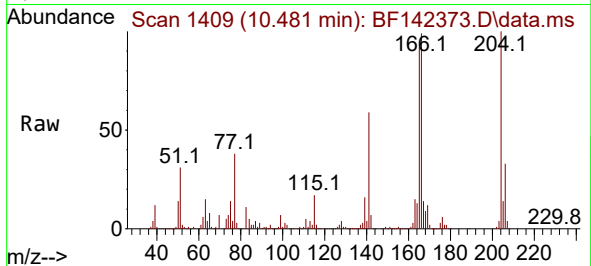




#61  
4-Chlorophenyl-phenylether  
Concen: 45.513 ng  
RT: 10.481 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

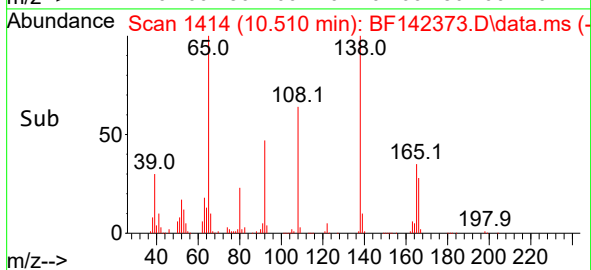
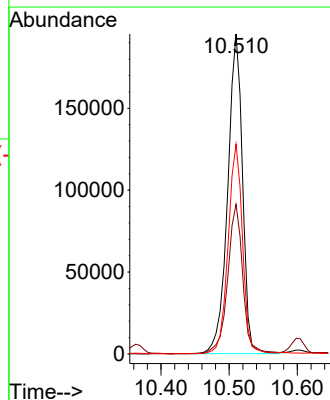
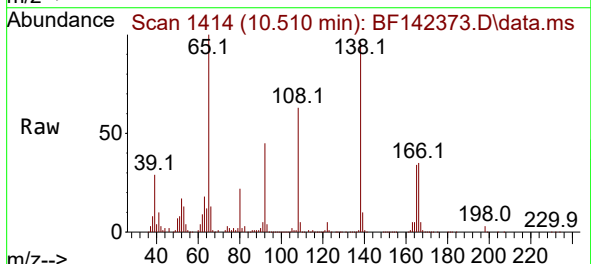
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

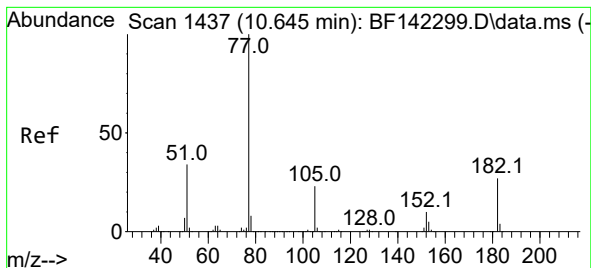
Tgt Ion:204 Resp: 604128  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.5 38.3  
141 58.8 46.4 69.6



#62  
4-Nitroaniline  
Concen: 62.292 ng  
RT: 10.510 min Scan# 1414  
Delta R.T. 0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:138 Resp: 296414  
Ion Ratio Lower Upper  
138 100  
92 46.7 27.3 67.3  
108 65.6 45.1 85.1





#63

Azobenzene

Concen: 45.394 ng

RT: 10.639 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

Tgt Ion: 77 Resp: 1184720

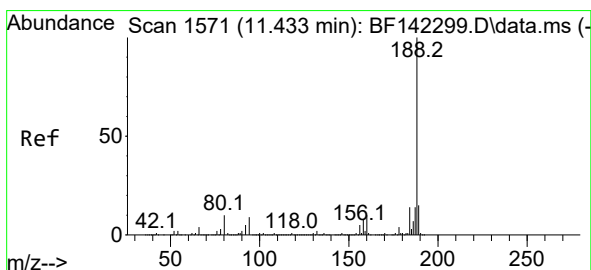
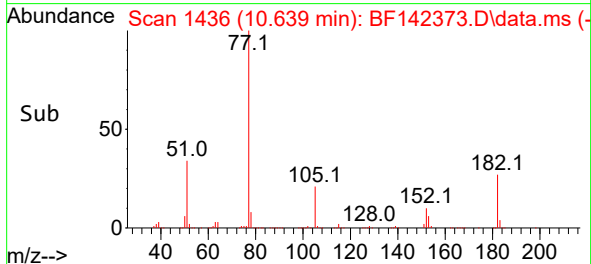
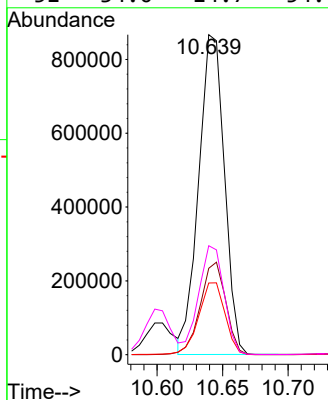
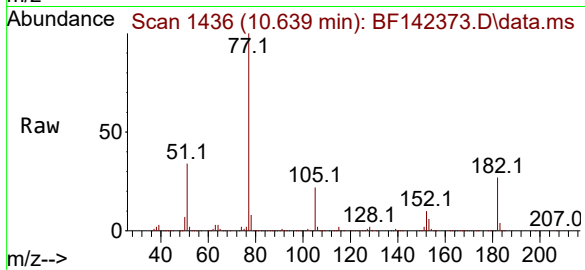
Ion Ratio Lower Upper

77 100

182 27.0 6.9 46.9

105 22.4 2.7 42.7

51 34.0 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

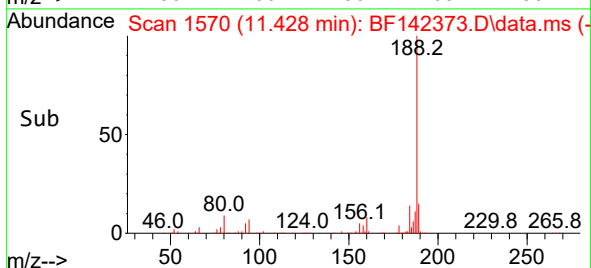
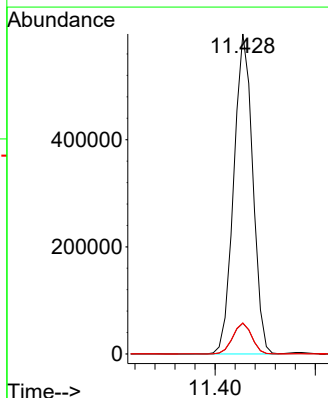
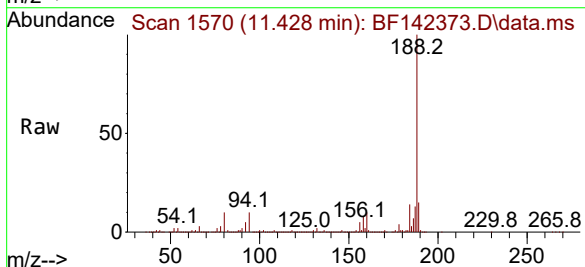
Tgt Ion:188 Resp: 786136

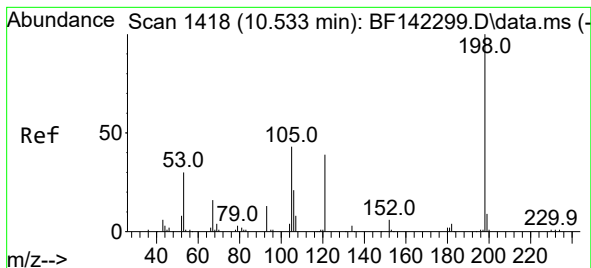
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.7 7.9 11.9

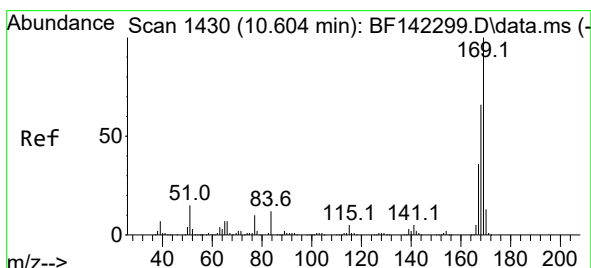
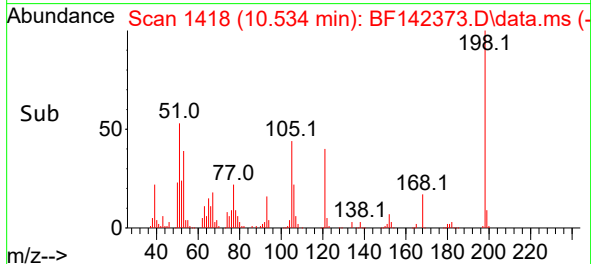
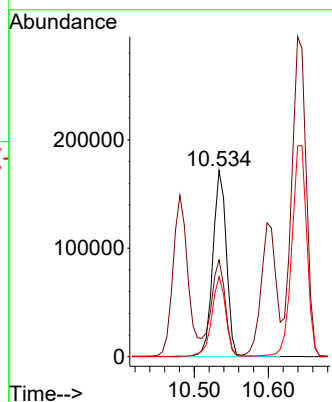
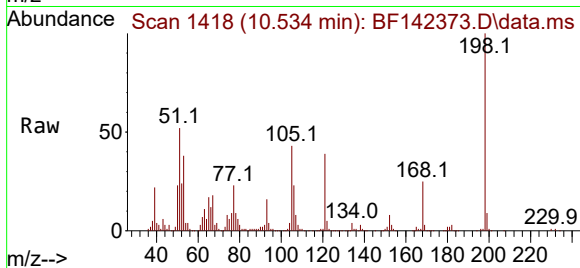




#65  
4,6-Dinitro-2-methylphenol  
Concen: 57.749 ng  
RT: 10.534 min Scan# 1418  
Delta R.T. 0.001 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

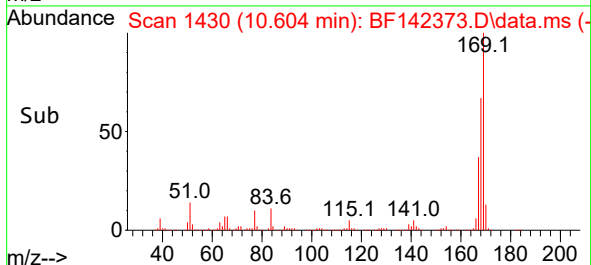
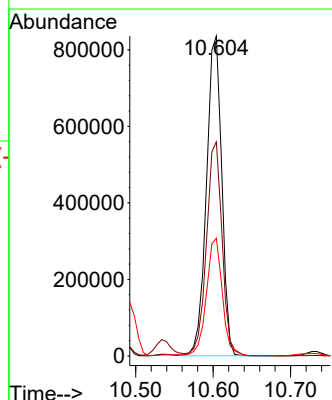
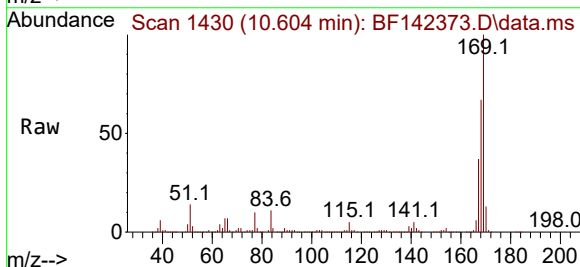
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

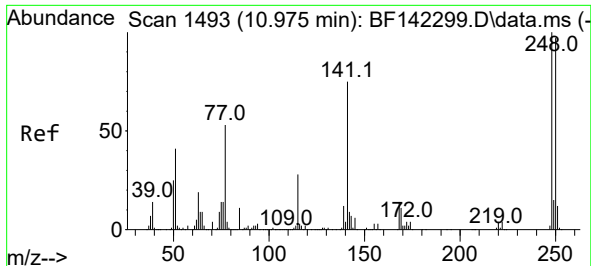
Tgt Ion:198 Resp: 217913  
Ion Ratio Lower Upper  
198 100  
51 52.0 32.9 72.9  
105 43.0 23.7 63.7



#66  
n-Nitrosodiphenylamine  
Concen: 43.750 ng  
RT: 10.604 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:169 Resp: 1144480  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.2 79.8  
167 36.8 28.9 43.3

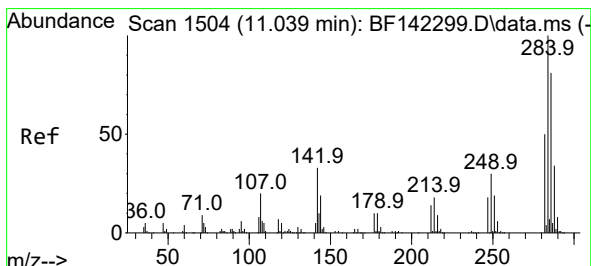
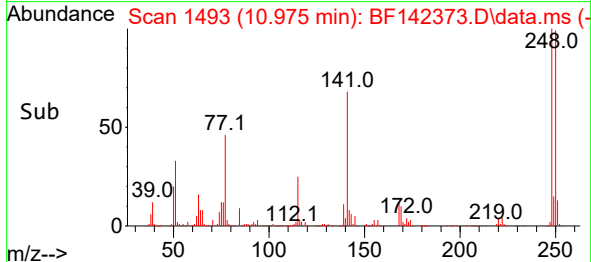
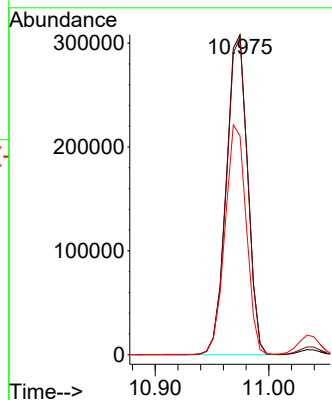
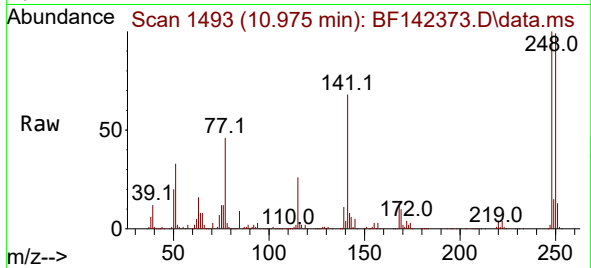




#67  
4-Bromophenyl-phenylether  
Concen: 45.072 ng  
RT: 10.975 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

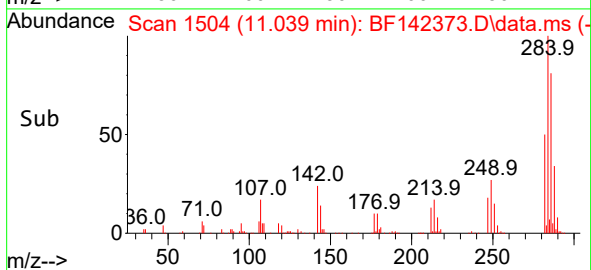
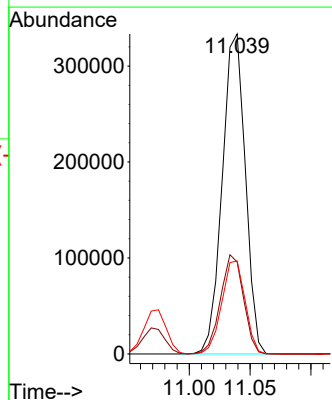
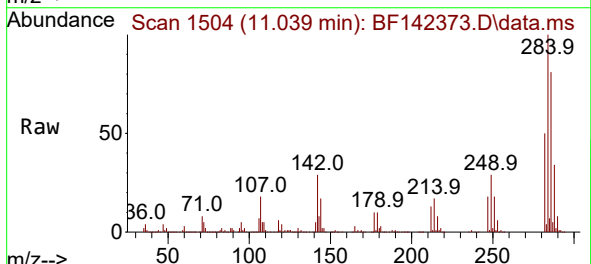
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

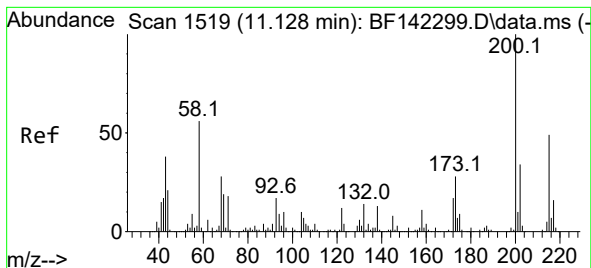
Tgt Ion:248 Resp: 401569  
Ion Ratio Lower Upper  
248 100  
250 99.1 77.9 116.9  
141 68.4 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 44.921 ng  
RT: 11.039 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:284 Resp: 440242  
Ion Ratio Lower Upper  
284 100  
142 28.7 26.6 39.8  
249 29.0 24.1 36.1





#69

Atrazine

Concen: 52.162 ng

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

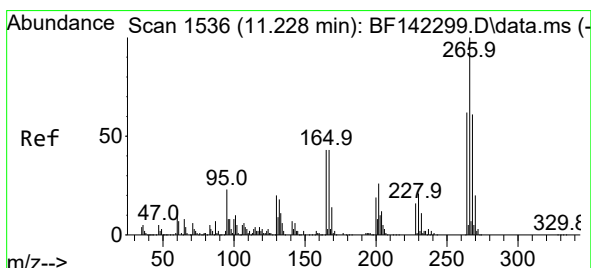
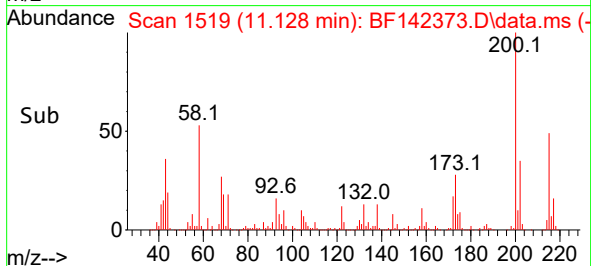
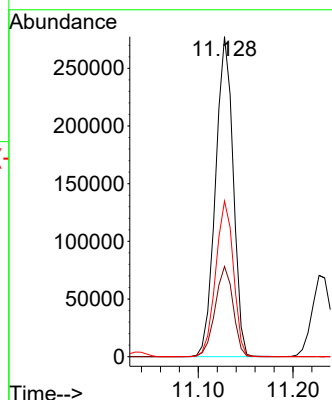
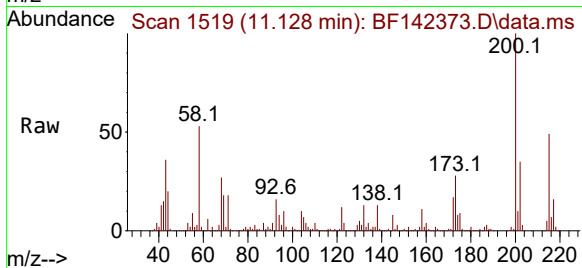
Tgt Ion:200 Resp: 359696

Ion Ratio Lower Upper

200 100

173 28.2 8.1 48.1

215 48.7 28.8 68.8



#70

Pentachlorophenol

Concen: 108.355 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

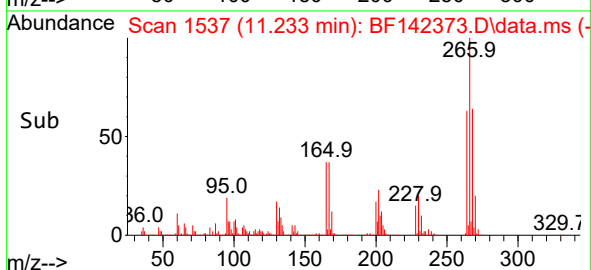
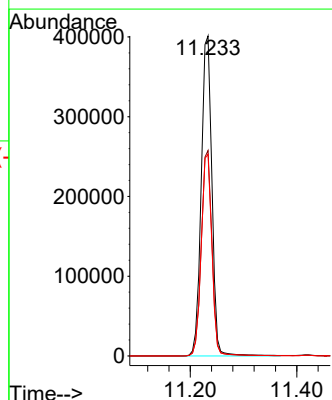
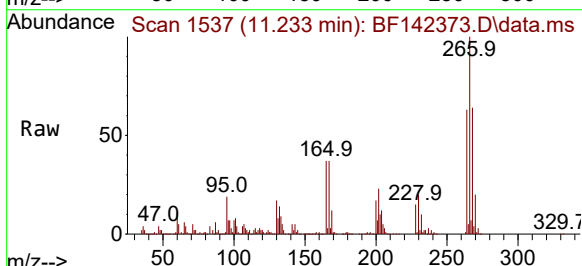
Tgt Ion:266 Resp: 558643

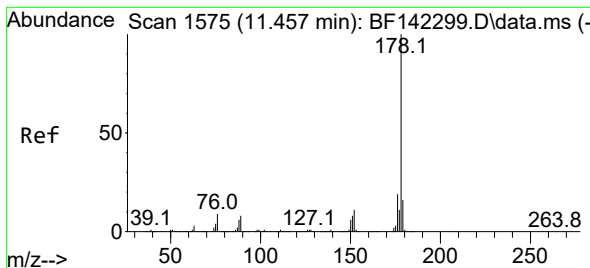
Ion Ratio Lower Upper

266 100

268 64.2 48.7 73.1

264 63.0 49.8 74.6





#71

Phenanthrene

Concen: 49.608 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

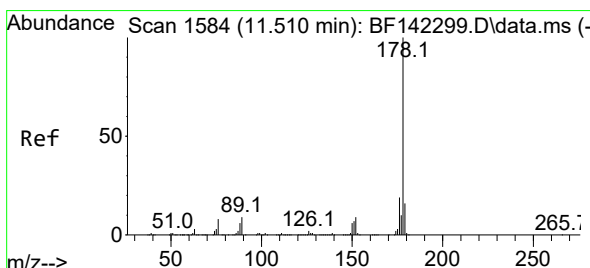
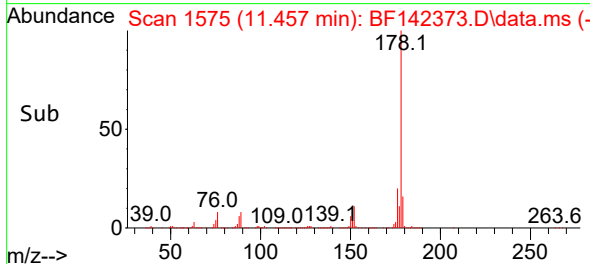
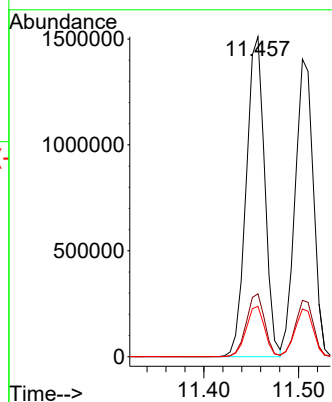
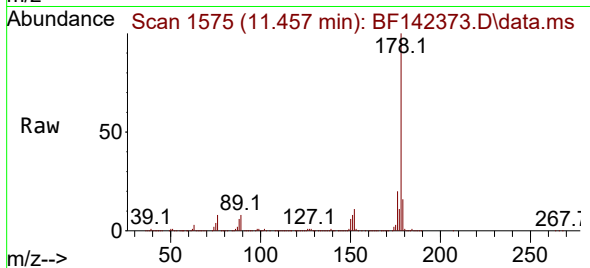
Tgt Ion:178 Resp: 2044231

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.8 12.6 18.8



#72

Anthracene

Concen: 44.334 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

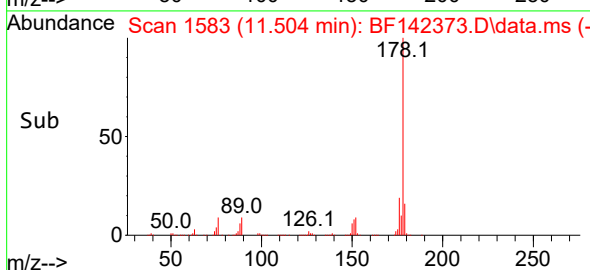
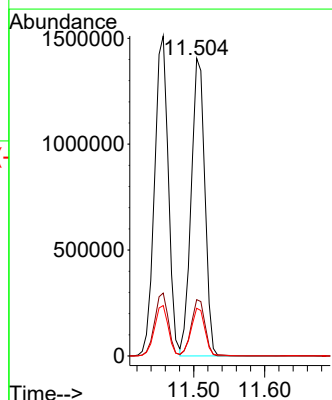
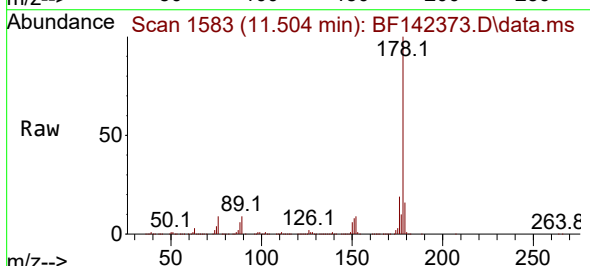
Tgt Ion:178 Resp: 1877139

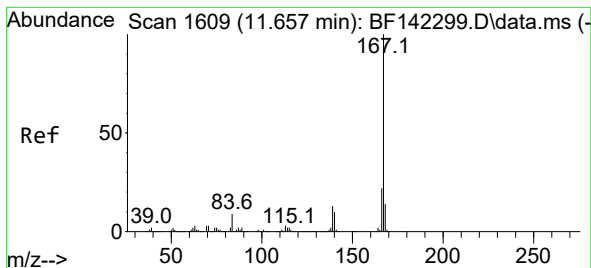
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 16.1 12.6 18.8





#73

Carbazole

Concen: 46.550 ng

RT: 11.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

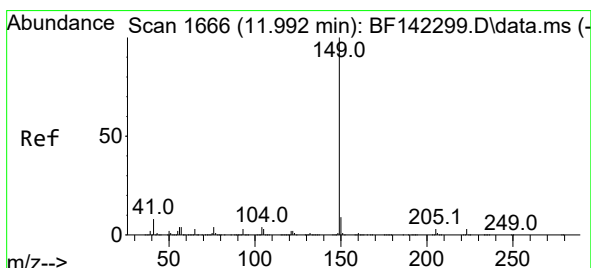
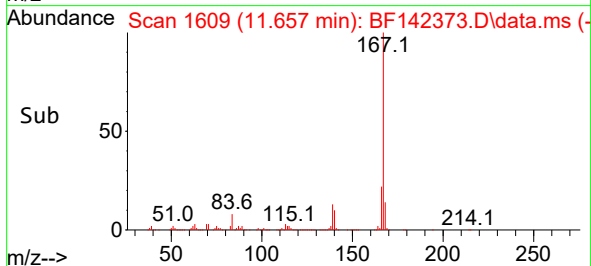
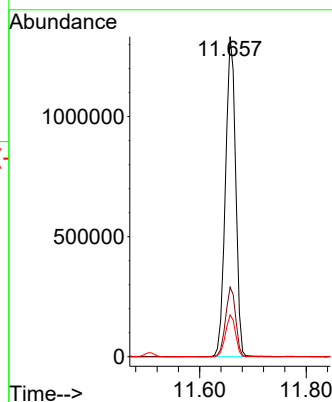
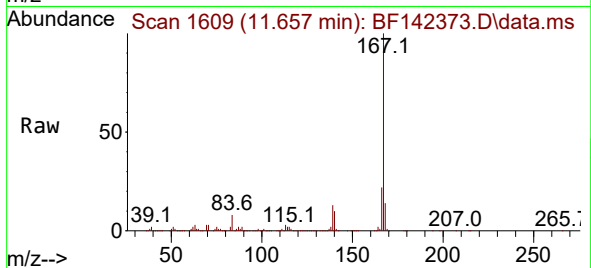
Tgt Ion:167 Resp: 1768267

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.952 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

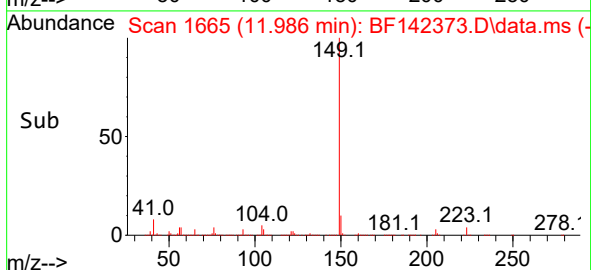
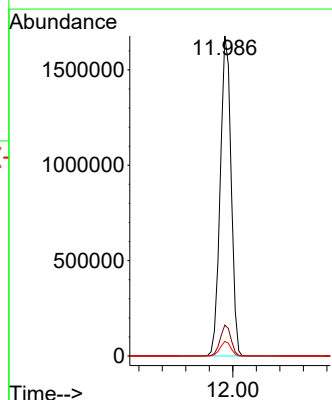
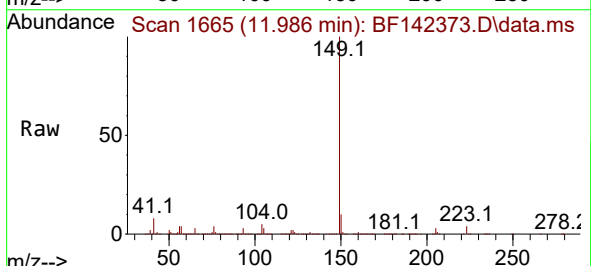
Tgt Ion:149 Resp: 2155058

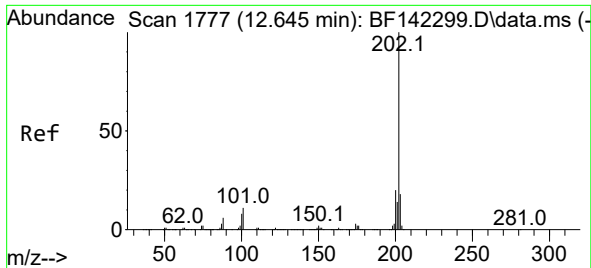
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 4.5 3.6 5.4

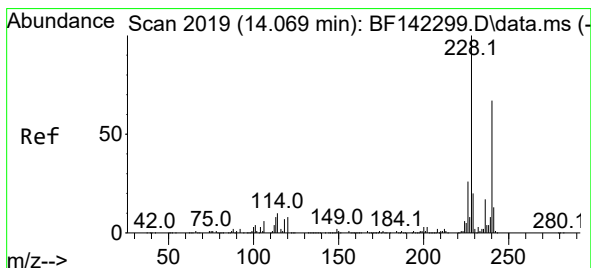
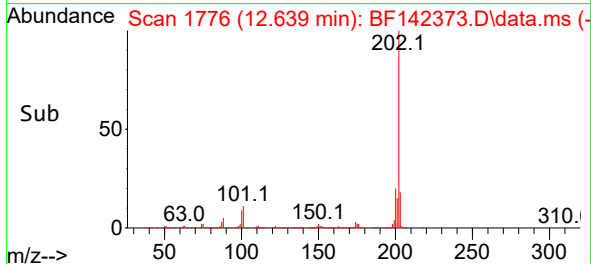
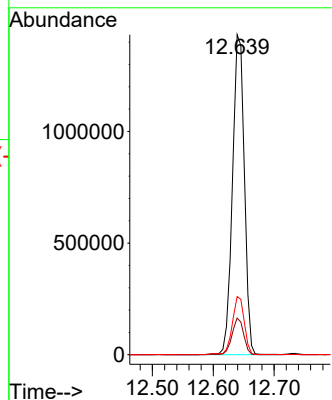
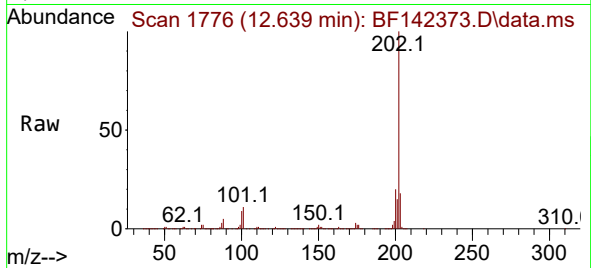




#75  
Fluoranthene  
Concen: 47.270 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

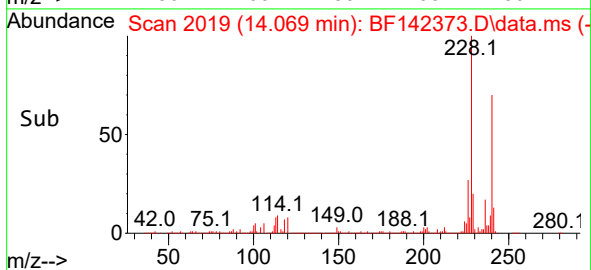
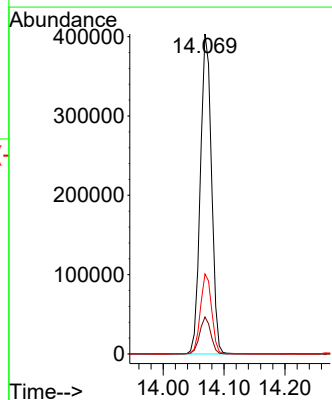
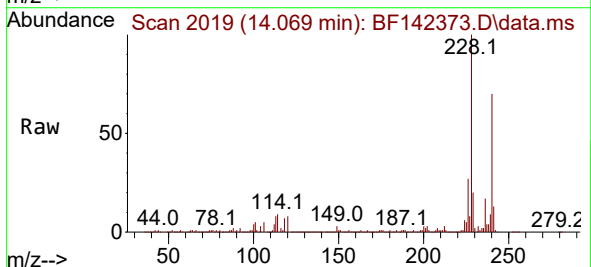
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

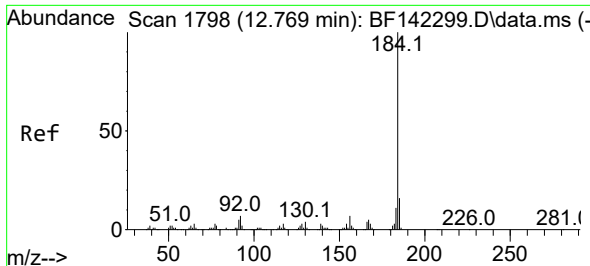
Tgt Ion:202 Resp: 1947140  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 31.4  
203 18.2 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:240 Resp: 511971  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.7 14.5  
236 25.0 20.0 30.0

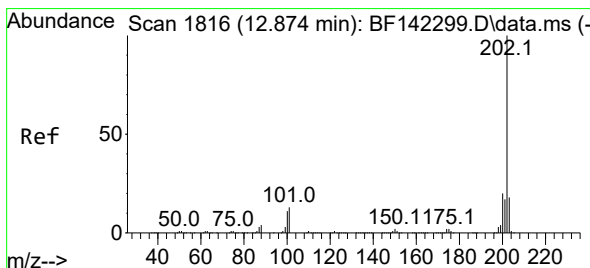
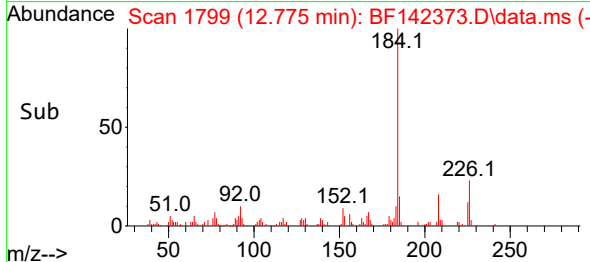
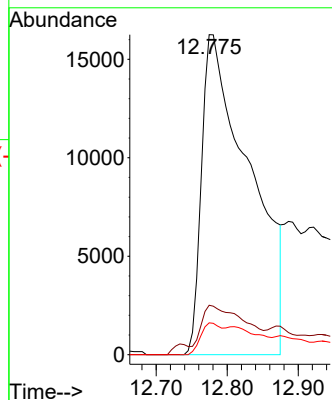
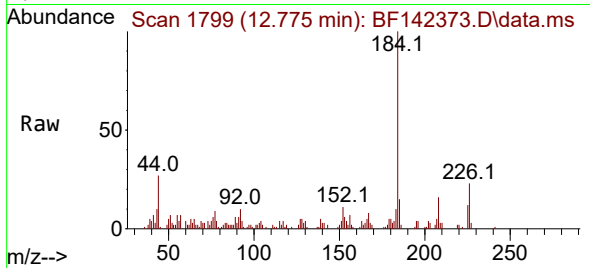




#77  
Benzidine  
Concen: 8.204 ng  
RT: 12.775 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

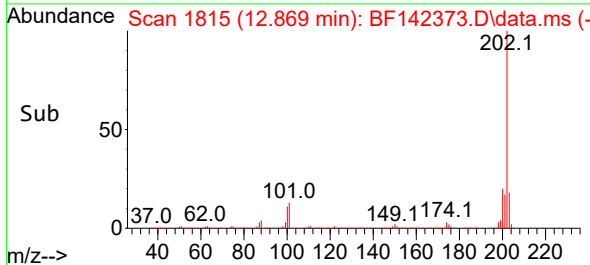
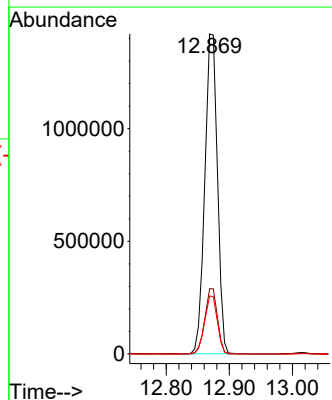
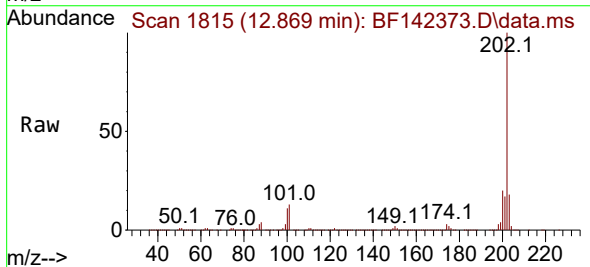
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

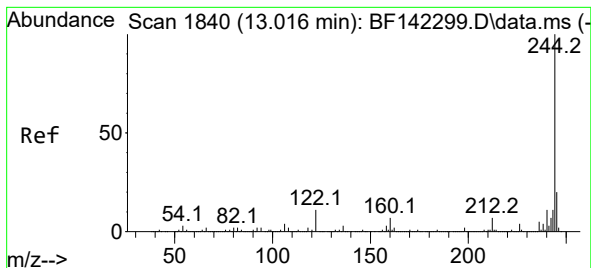
Tgt Ion:184 Resp: 76327  
Ion Ratio Lower Upper  
184 100  
185 15.4 12.6 18.8  
183 9.9 8.6 12.8



#78  
Pyrene  
Concen: 43.191 ng  
RT: 12.869 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:202 Resp: 1968238  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.2 24.4  
203 18.2 14.3 21.5





#79

Terphenyl-d14

Concen: 75.452 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

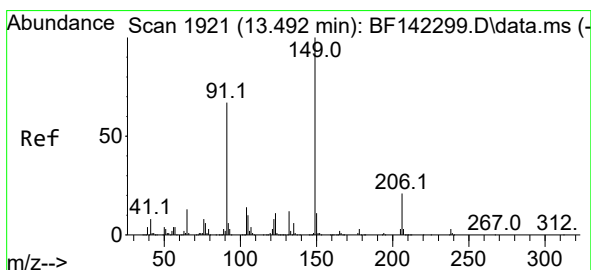
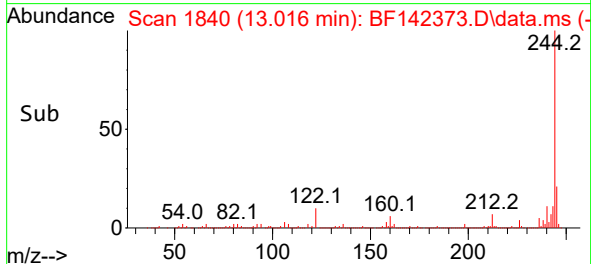
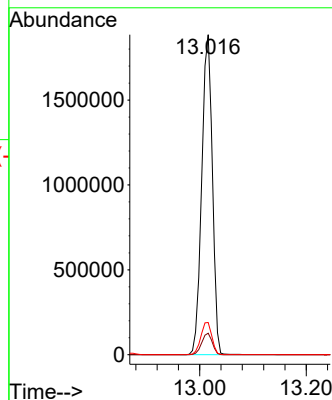
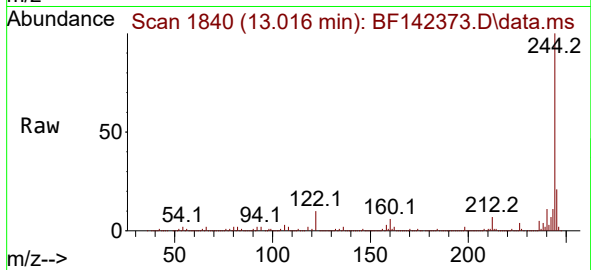
Tgt Ion:244 Resp: 2609910

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 62.081 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

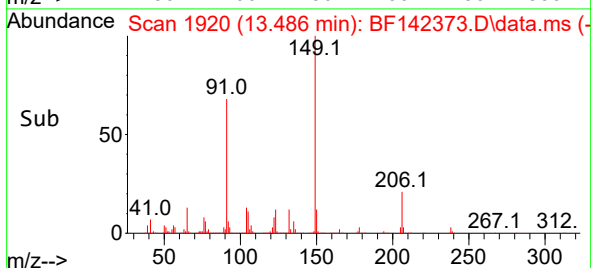
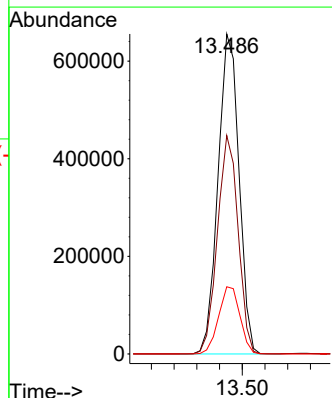
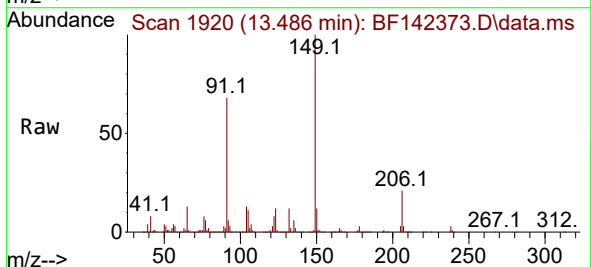
Tgt Ion:149 Resp: 841069

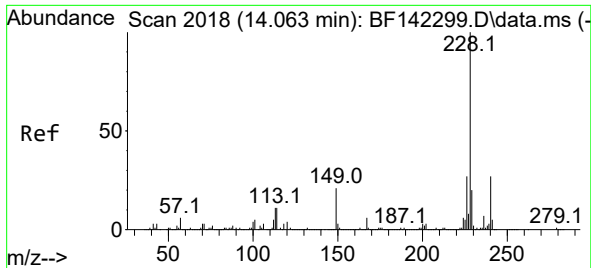
Ion Ratio Lower Upper

149 100

91 68.3 53.8 80.6

206 21.0 16.6 24.8

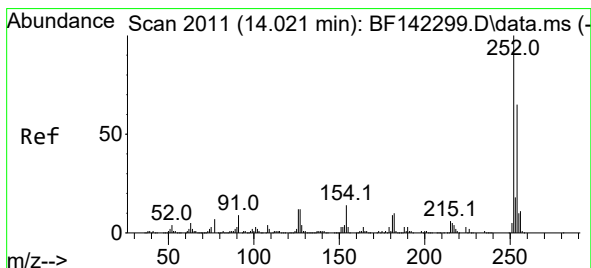
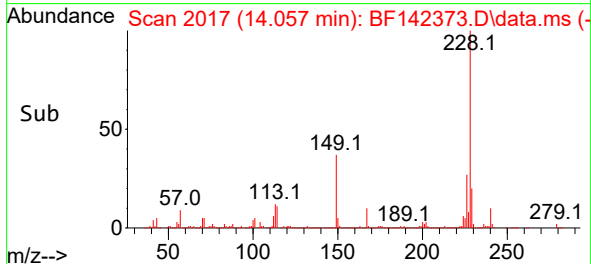
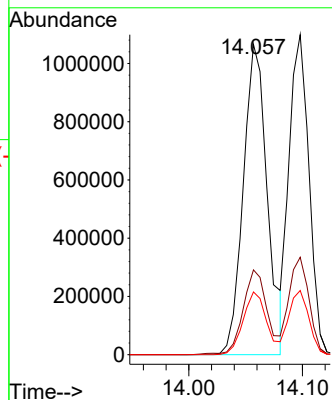
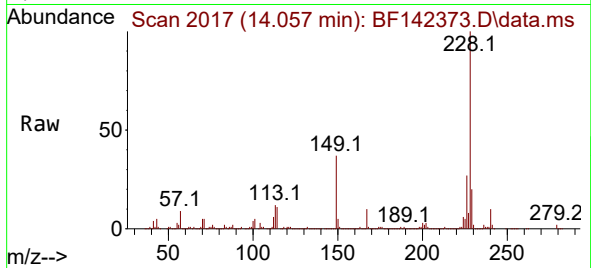




#81  
Benzo(a)anthracene  
Concen: 47.226 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

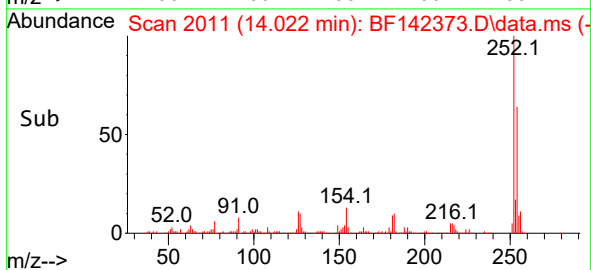
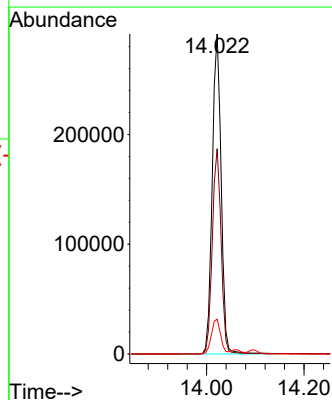
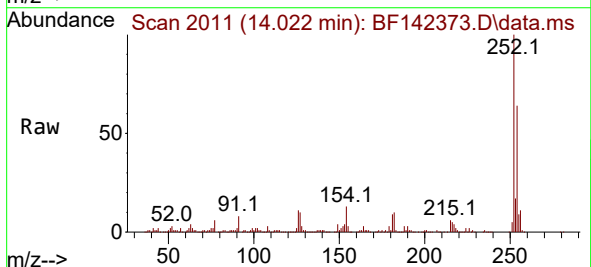
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

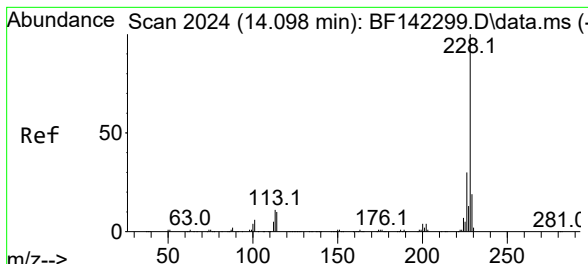
Tgt Ion:228 Resp: 1565824  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.5 32.3  
229 20.2 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 47.843 ng  
RT: 14.022 min Scan# 2011  
Delta R.T. 0.001 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:252 Resp: 368885  
Ion Ratio Lower Upper  
252 100  
254 64.1 52.0 78.0  
126 10.8 9.7 14.5



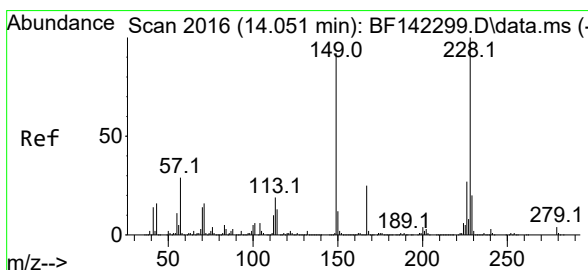
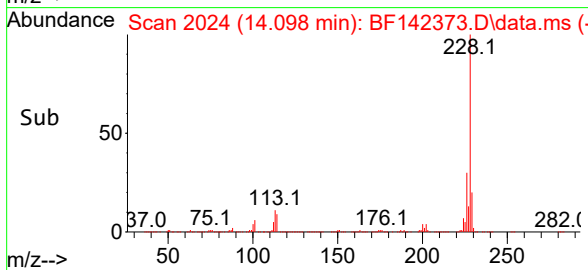
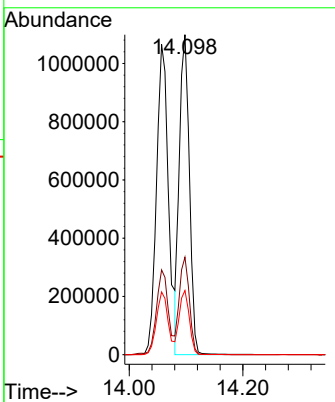
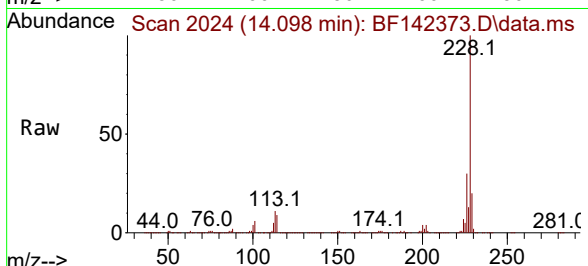


#83  
 Chrysene  
 Concen: 43.419 ng  
 RT: 14.098 min Scan# 2024  
 Delta R.T. 0.000 min  
 Lab File: BF142373.D  
 Acq: 14 May 2025 18:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-A4-03-CMSD

Tgt Ion:228 Resp: 1340162

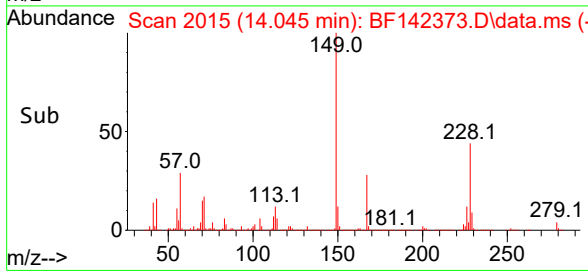
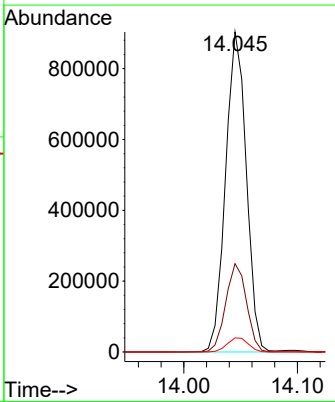
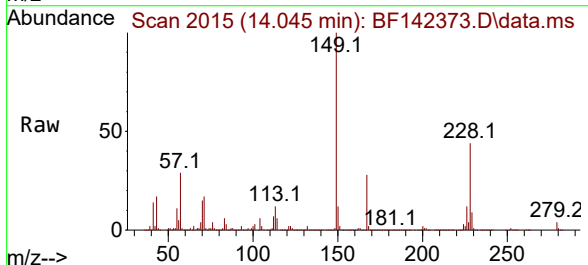
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.5  | 23.9  | 35.9  |
| 229 | 20.0  | 15.4  | 23.2  |

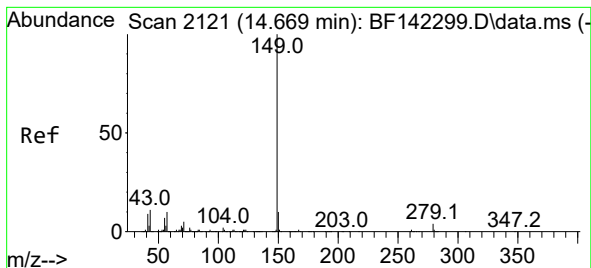


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 64.450 ng  
 RT: 14.045 min Scan# 2015  
 Delta R.T. -0.006 min  
 Lab File: BF142373.D  
 Acq: 14 May 2025 18:41

Tgt Ion:149 Resp: 1143777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.6  | 22.0  | 33.0  |
| 279 | 4.4   | 3.0   | 4.6   |





#85

Di-n-octyl phthalate

Concen: 54.601 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA\_F

ClientSampleId :

WC-A4-03-CMSD

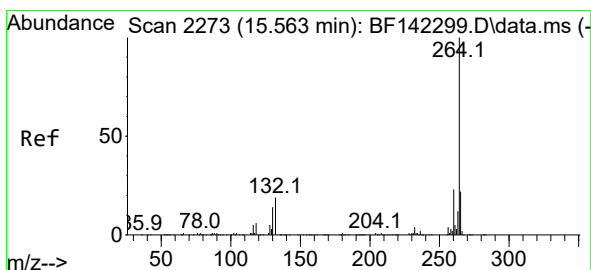
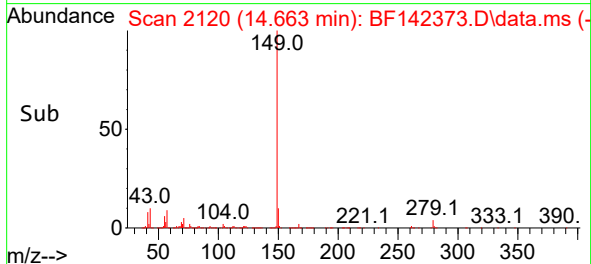
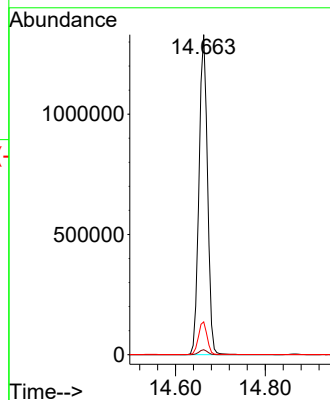
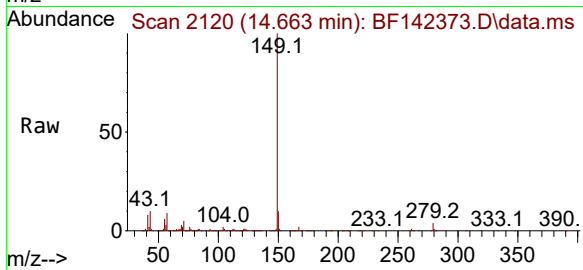
Tgt Ion:149 Resp: 1745181

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

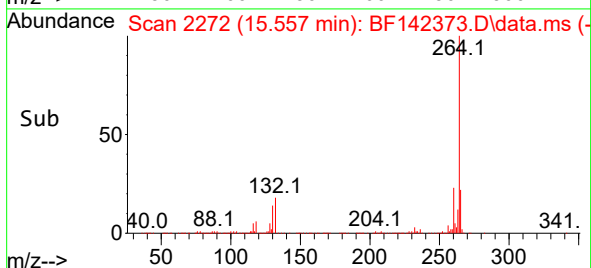
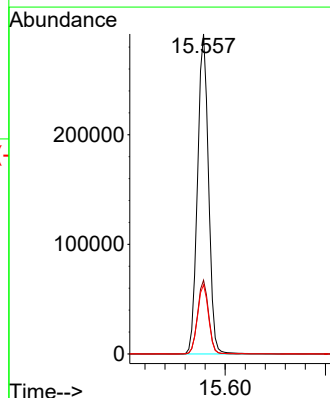
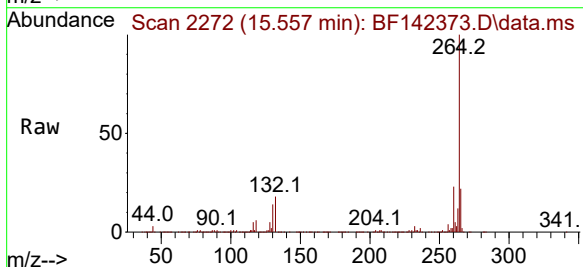
Tgt Ion:264 Resp: 442353

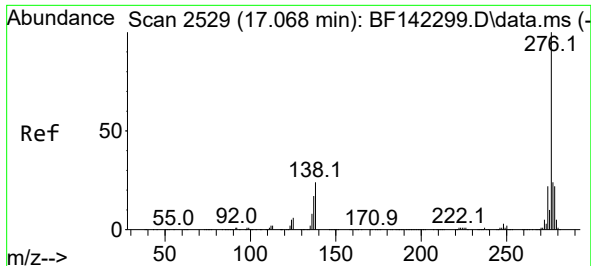
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.5 26.3

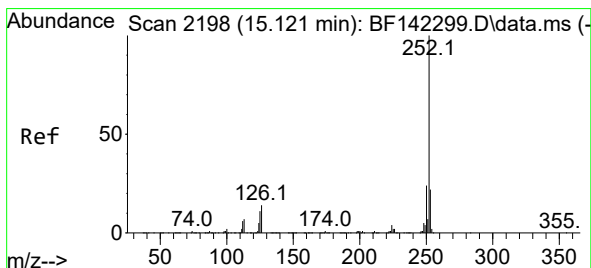
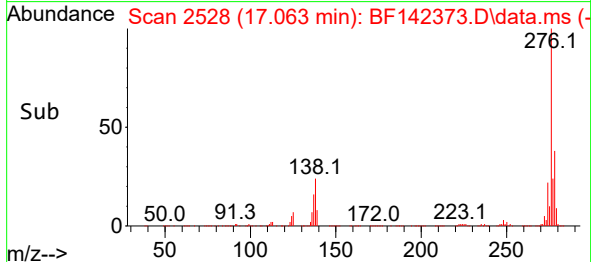
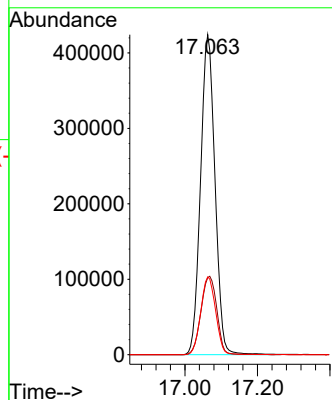
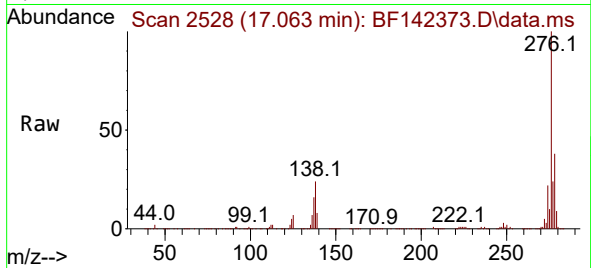




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.042 ng  
RT: 17.063 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

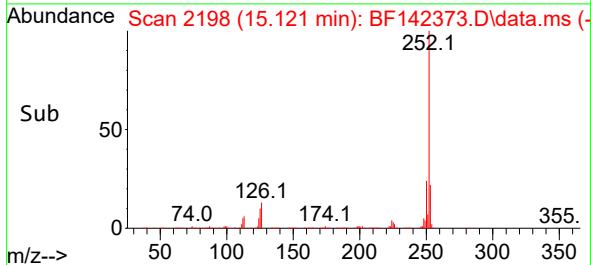
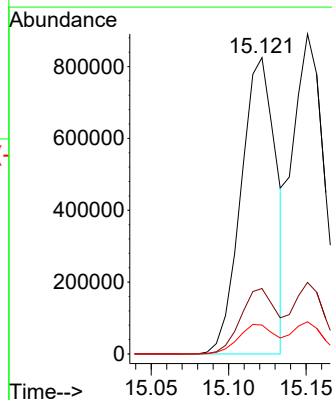
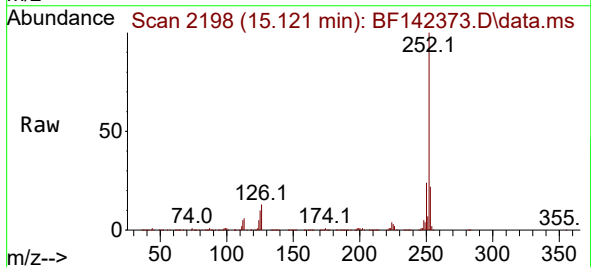
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

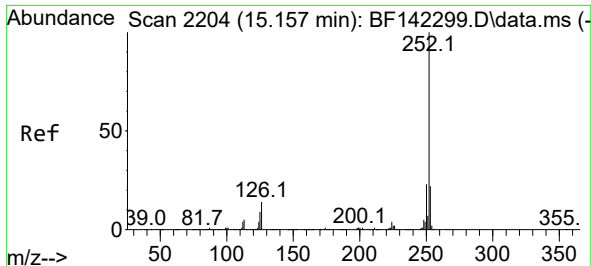
Tgt Ion:276 Resp: 1170623  
Ion Ratio Lower Upper  
276 100  
138 26.8 22.0 33.0  
277 25.1 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 48.357 ng  
RT: 15.121 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:252 Resp: 1295553  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 9.8 8.7 13.1

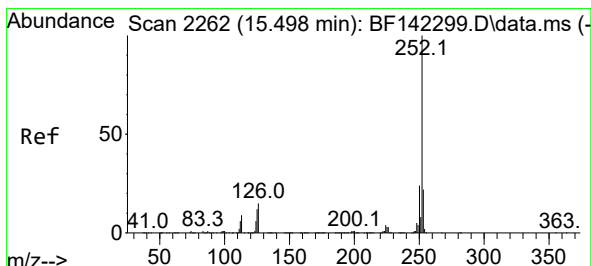
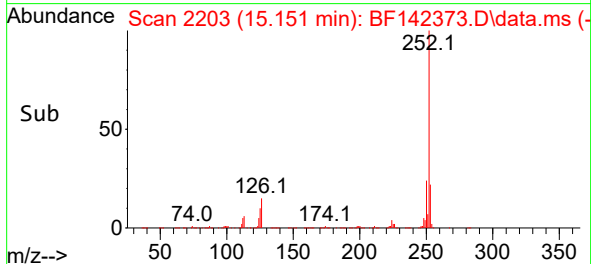
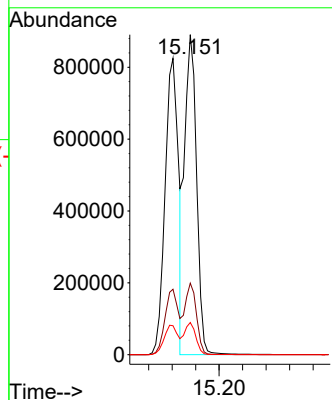
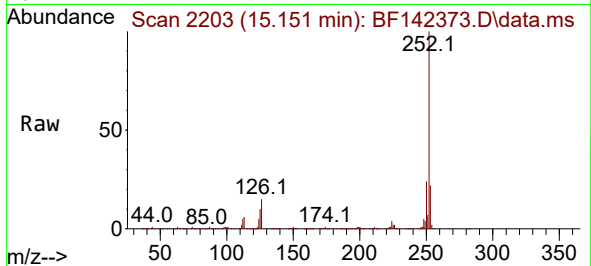




#89  
Benzo(k)fluoranthene  
Concen: 51.383 ng  
RT: 15.151 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

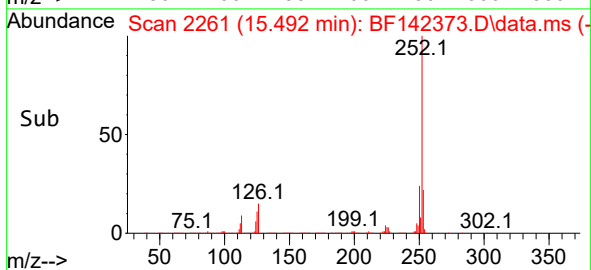
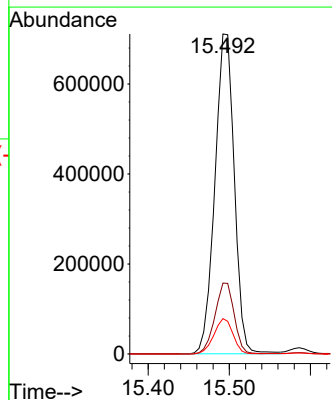
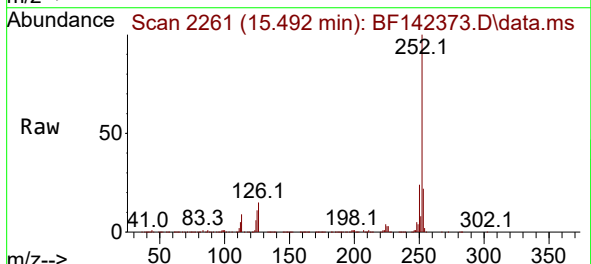
Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD

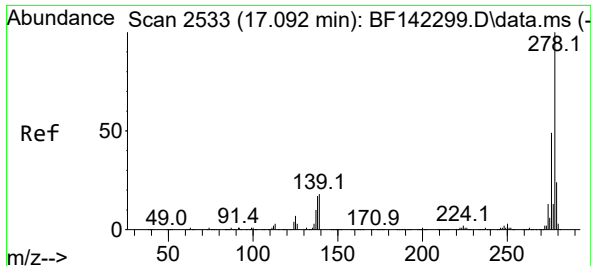
Tgt Ion:252 Resp: 1259782  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 10.0 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 49.310 ng  
RT: 15.492 min Scan# 2261  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

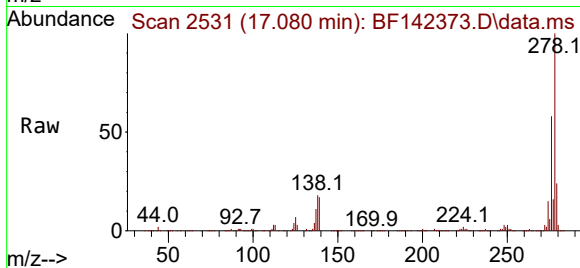
Tgt Ion:252 Resp: 1183844  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.6  
125 11.1 9.4 14.0



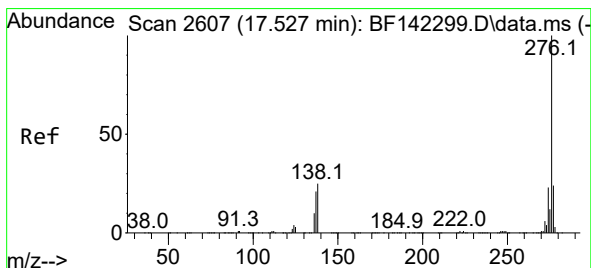
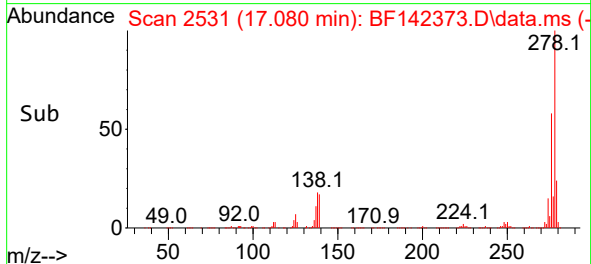
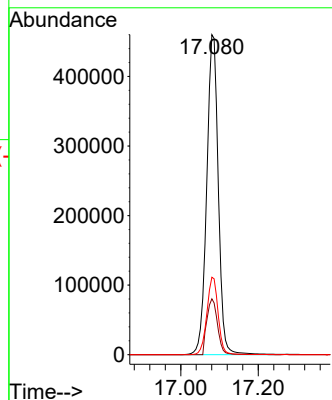


#91  
Dibenzo(a,h)anthracene  
Concen: 37.507 ng  
RT: 17.080 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Instrument :  
BNA\_F  
ClientSampleId :  
WC-A4-03-CMSD



Tgt Ion:278 Resp: 953494  
Ion Ratio Lower Upper  
278 100  
139 17.5 14.5 21.7  
279 24.2 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 34.550 ng  
RT: 17.521 min Scan# 2606  
Delta R.T. -0.006 min  
Lab File: BF142373.D  
Acq: 14 May 2025 18:41

Tgt Ion:276 Resp: 871735  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.6  
138 22.2 19.8 29.6

