

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF063025\  
 Data File : BF142922.D  
 Acq On : 30 Jun 2025 18:43  
 Operator : RC/JU  
 Sample : Q2430-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-E/FMSD

Quant Time: Jul 01 01:23:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 69029    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 260392   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.916  | 164  | 136177   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 223120   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 130553   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 155370   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 370492   | 89.360 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 440097   | 89.971 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 269098   | 56.685 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 131278   | 93.679 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 577161   | 55.678 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.992 | 244  | 505216   | 53.469 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 61188    | 36.897 | ng    | 99       |
| 3) Pyridine                   | 3.452  | 79   | 160965   | 38.718 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.405  | 42   | 89864    | 41.800 | ng    | 99       |
| 6) Aniline                    | 6.534  | 93   | 180021   | 27.659 | ng    | # 80     |
| 8) 2-Chlorophenol             | 6.657  | 128  | 195551   | 43.724 | ng    | 98       |
| 9) Benzaldehyde               | 6.422  | 77   | 82944    | 28.581 | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 224920   | 41.366 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 167705   | 43.155 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 211593   | 42.303 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.893  | 146  | 216732   | 42.947 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.046  | 146  | 208272   | 43.512 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.016  | 79   | 154524   | 43.697 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.146  | 45   | 252038   | 40.367 | ng    | 89       |
| 17) 2-Methylphenol            | 7.128  | 107  | 146010   | 43.080 | ng    | 98       |
| 18) Hexachloroethane          | 7.387  | 117  | 77542    | 43.930 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 124595   | 43.795 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 185984   | 44.011 | ng    | 94       |
| 22) Acetophenone              | 7.281  | 105  | 254768   | 44.368 | ng    | 98       |
| 24) Nitrobenzene              | 7.457  | 77   | 185046   | 43.067 | ng    | 99       |
| 25) Isophorone                | 7.698  | 82   | 328702   | 43.163 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 106824   | 45.639 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 173917   | 42.897 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 210122   | 43.400 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 160870   | 43.760 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 176293   | 43.612 | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 550826   | 43.216 | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 79245    | 38.348 | ng    | 100      |
| 33) 4-Chloroaniline           | 8.228  | 127  | 78285    | 15.105 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.293  | 225  | 107799   | 43.597 | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 46482    | 47.917 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 161367   | 44.168 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 343085   | 43.418 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 355644   | 43.478 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.040  | 216  | 175858   | 43.766 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 184655   | 80.981 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 112230   | 42.863 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF063025\  
 Data File : BF142922.D  
 Acq On : 30 Jun 2025 18:43  
 Operator : RC/JU  
 Sample : Q2430-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

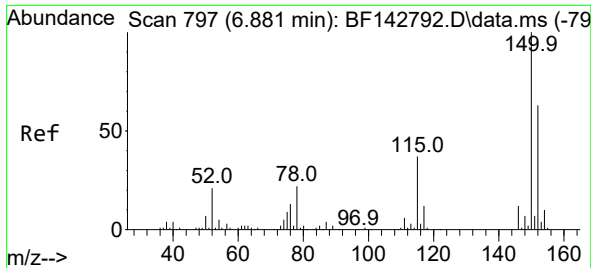
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-E/FMSD

Quant Time: Jul 01 01:23:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 116734   | 42.353 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.340  | 154  | 471999   | 43.877 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 348294   | 43.146 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.457  | 65   | 99686    | 44.047 | ng    | 99       |
| 49) Acenaphthylene            | 9.781  | 152  | 575988   | 43.343 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 399236   | 45.292 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 88111    | 45.516 | ng    | 95       |
| 52) Acenaphthene              | 9.951  | 154  | 372582   | 45.952 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 52145    | 24.466 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 64050    | 66.079 | ng    | 99       |
| 55) Dibenzofuran              | 10.122 | 168  | 500815   | 43.075 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 122356   | 83.856 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 116615   | 45.352 | ng    | 95       |
| 58) Fluorene                  | 10.469 | 166  | 398241   | 43.858 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 95423    | 42.951 | ng    | 97       |
| 60) Diethylphthalate          | 10.339 | 149  | 407136   | 47.107 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 190334   | 43.927 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 85223    | 43.721 | ng    | 98       |
| 63) Azobenzene                | 10.616 | 77   | 359391   | 46.526 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 55973    | 41.474 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 341361   | 44.145 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 113116   | 44.546 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 125535   | 44.491 | ng    | 99       |
| 69) Atrazine                  | 11.104 | 200  | 104911   | 52.538 | ng    | 100      |
| 70) Pentachlorophenol         | 11.210 | 266  | 113384   | 80.643 | ng    | 99       |
| 71) Phenanthrene              | 11.433 | 178  | 536432   | 44.383 | ng    | 100      |
| 72) Anthracene                | 11.481 | 178  | 546217   | 44.065 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 471711   | 44.097 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 594954   | 53.390 | ng    | 100      |
| 75) Fluoranthene              | 12.622 | 202  | 511971   | 44.633 | ng    | 99       |
| 77) Benzidine                 | 12.739 | 184  | 107520   | 21.920 | ng    | 99       |
| 78) Pyrene                    | 12.851 | 202  | 513149   | 41.933 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 193223   | 54.434 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 380347   | 43.186 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 42802    | 14.983 | ng    | 100      |
| 83) Chrysene                  | 14.080 | 228  | 358185   | 45.577 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.022 | 149  | 261938   | 51.288 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 431716   | 44.829 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.057 | 276  | 478743   | 40.454 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 425666   | 47.347 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 352185   | 41.871 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 390663   | 44.980 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.074 | 278  | 388256   | 40.378 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 378974   | 39.524 | ng    | 98       |

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

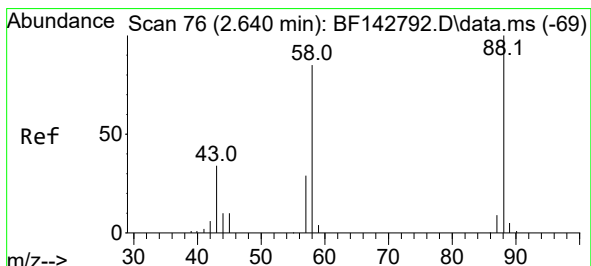
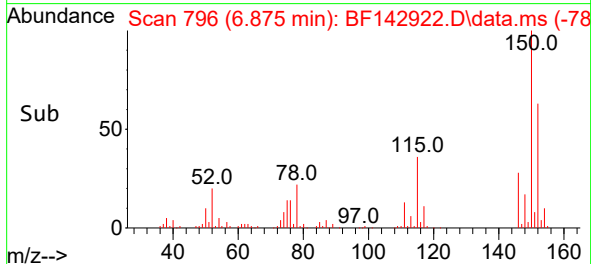
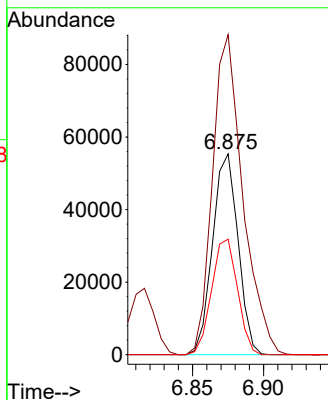
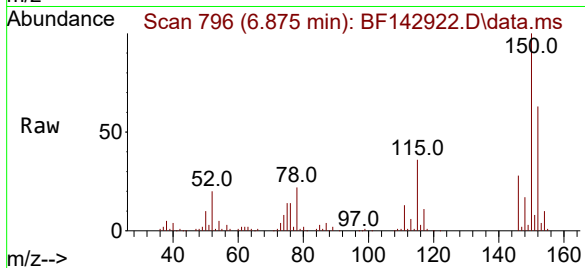




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 79  
 Delta R.T. -0.006 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

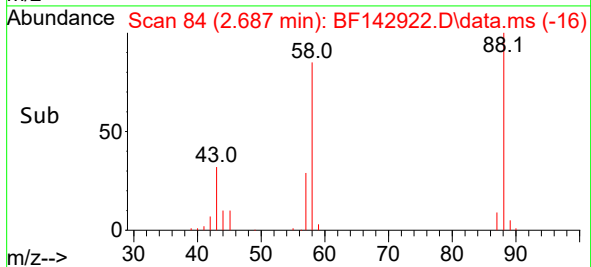
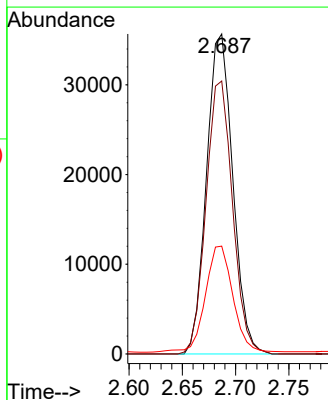
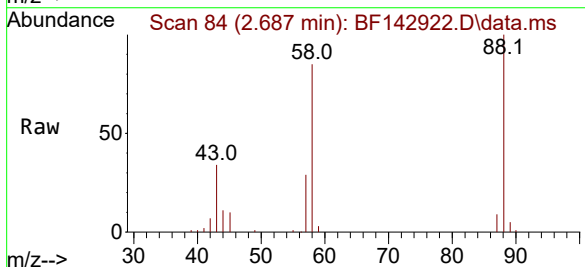
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-E/FMSD

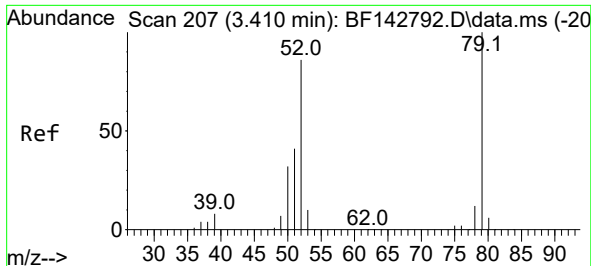
Tgt Ion:152 Resp: 69029  
 Ion Ratio Lower Upper  
 152 100  
 150 159.3 127.2 190.8  
 115 57.5 46.6 69.8



#2  
 1,4-Dioxane  
 Concen: 36.897 ng  
 RT: 2.687 min Scan# 84  
 Delta R.T. 0.047 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

Tgt Ion: 88 Resp: 61188  
 Ion Ratio Lower Upper  
 88 100  
 58 86.1 69.1 103.7  
 43 34.9 27.4 41.2

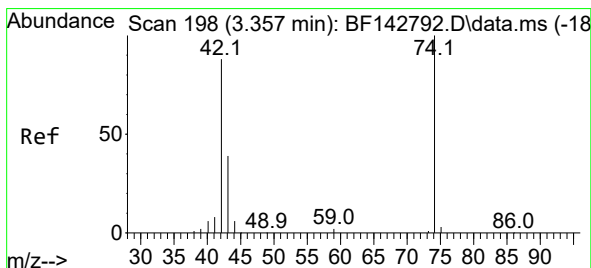
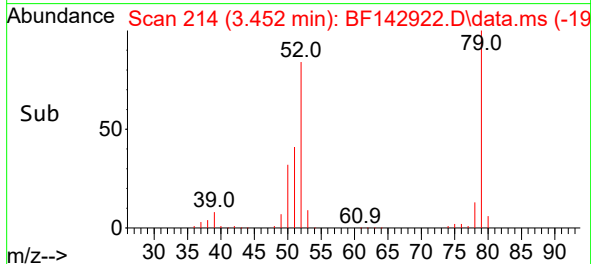
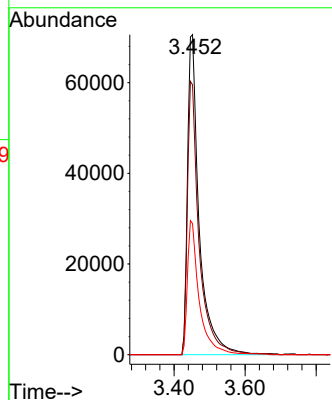
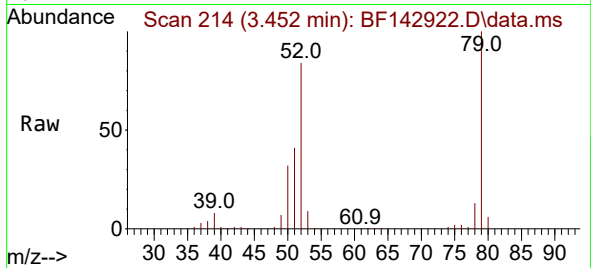




#3  
Pyridine  
Concen: 38.718 ng  
RT: 3.452 min Scan# 21  
Delta R.T. 0.041 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

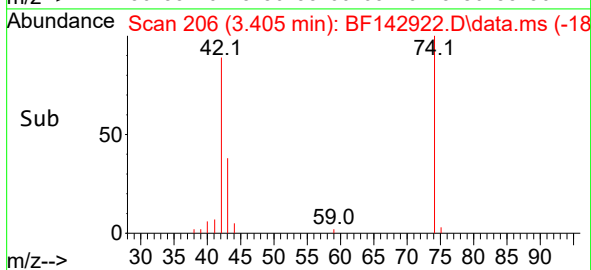
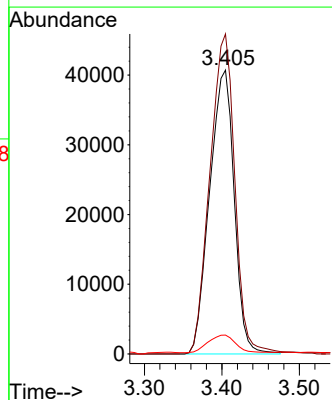
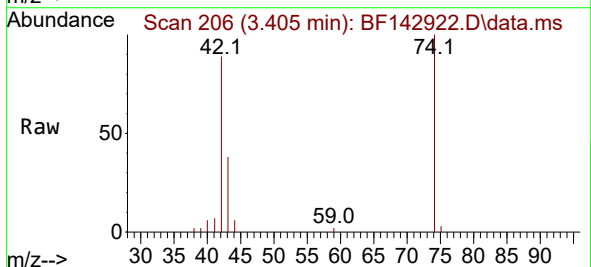
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

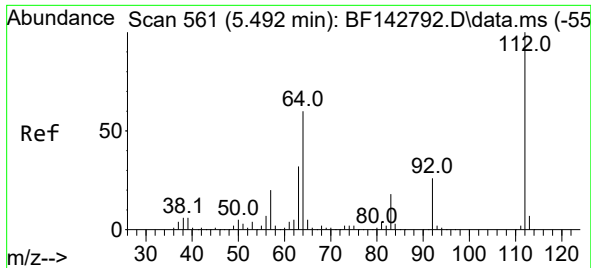
Tgt Ion: 79 Resp: 160965  
Ion Ratio Lower Upper  
79 100  
52 84.4 69.2 103.8  
51 41.0 33.2 49.8



#4  
n-Nitrosodimethylamine  
Concen: 41.800 ng  
RT: 3.405 min Scan# 206  
Delta R.T. 0.047 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion: 42 Resp: 89864  
Ion Ratio Lower Upper  
42 100  
74 112.8 90.9 136.3  
44 6.6 5.8 8.6

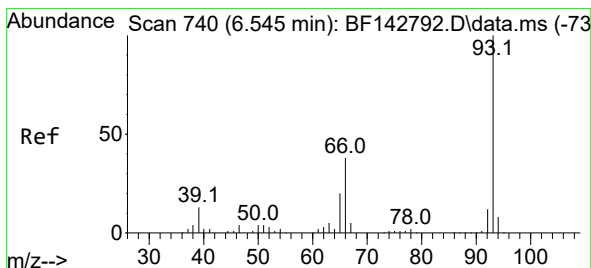
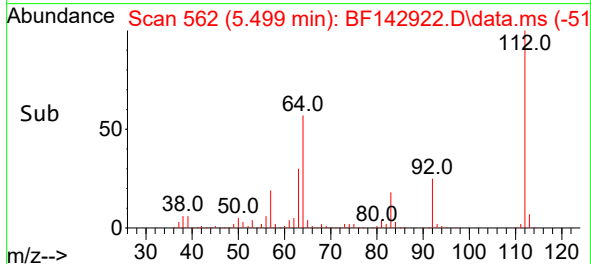
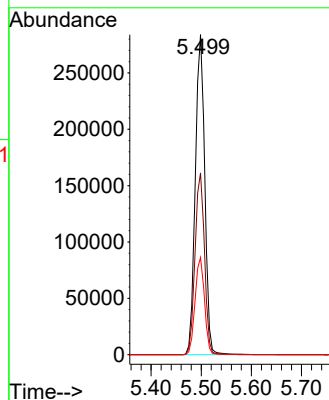
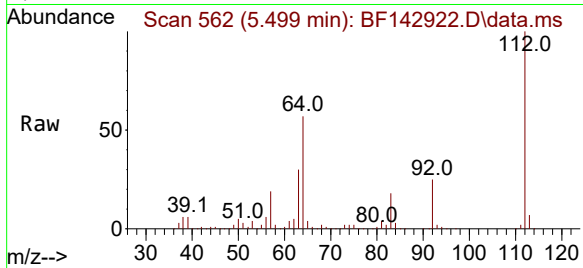




#5  
2-Fluorophenol  
Concen: 89.360 ng  
RT: 5.499 min Scan# 501  
Delta R.T. 0.007 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

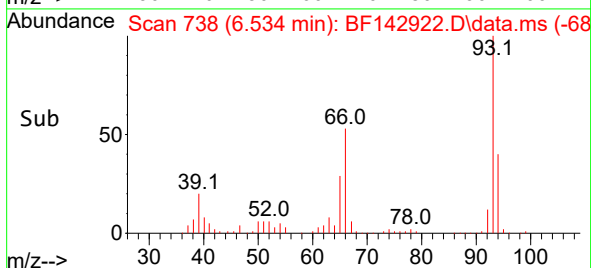
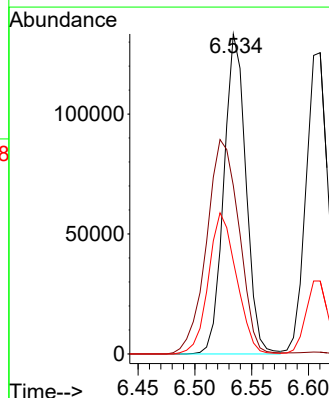
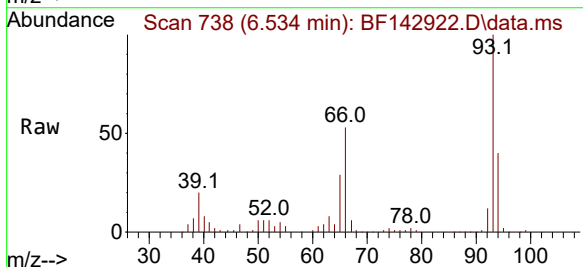
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

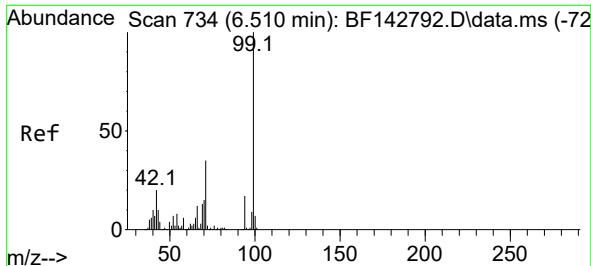
Tgt Ion:112 Resp: 370492  
Ion Ratio Lower Upper  
112 100  
64 56.8 48.2 72.2  
63 30.3 25.7 38.5



#6  
Aniline  
Concen: 27.659 ng  
RT: 6.534 min Scan# 738  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion: 93 Resp: 180021  
Ion Ratio Lower Upper  
93 100  
66 52.6 31.8 47.6#  
65 29.0 16.2 24.2#





#7

Phenol-d6

Concen: 89.971 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

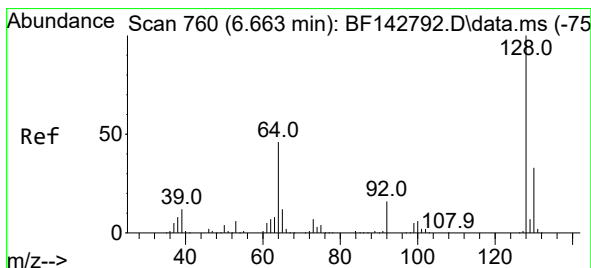
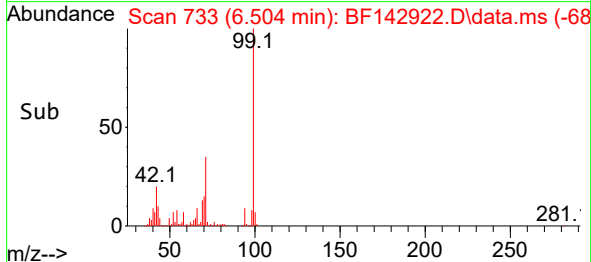
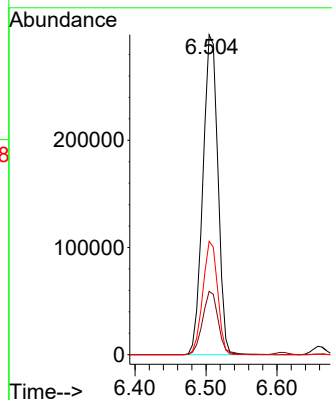
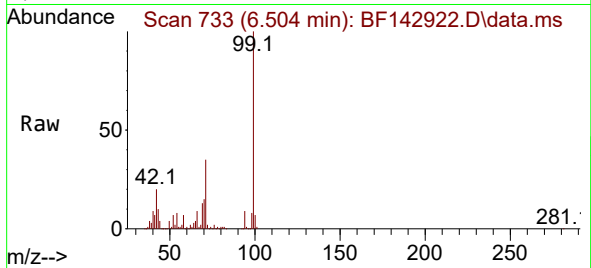
Tgt Ion: 99 Resp: 440097

Ion Ratio Lower Upper

99 100

42 19.8 15.9 23.9

71 35.4 27.8 41.8



#8

2-Chlorophenol

Concen: 43.724 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

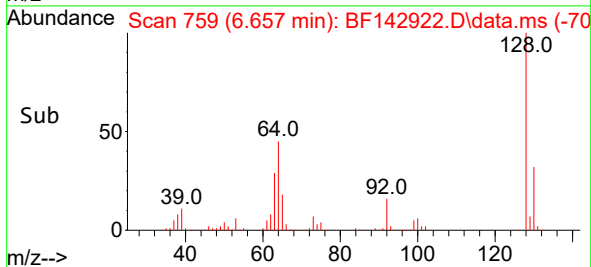
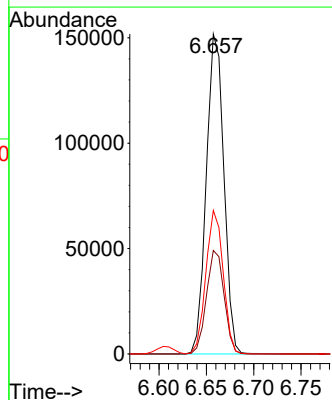
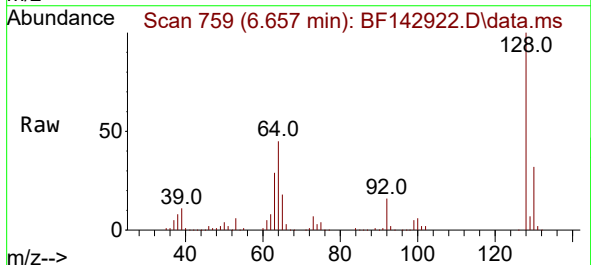
Tgt Ion:128 Resp: 195551

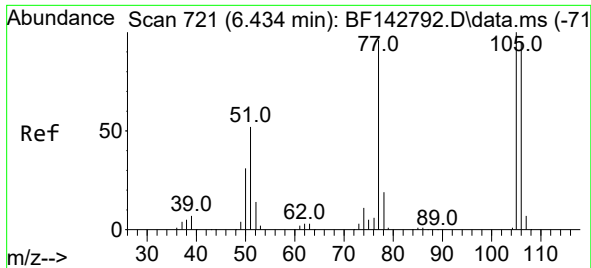
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 44.8 26.5 66.5

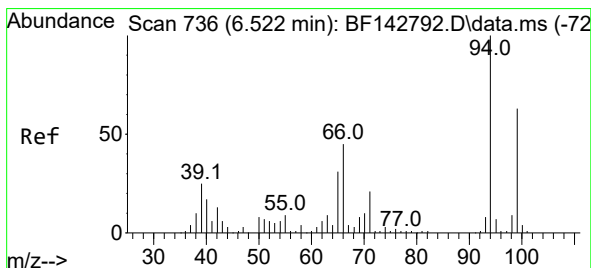
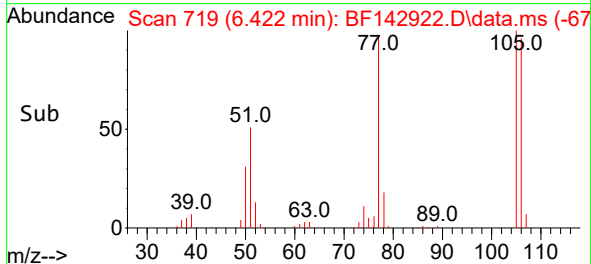
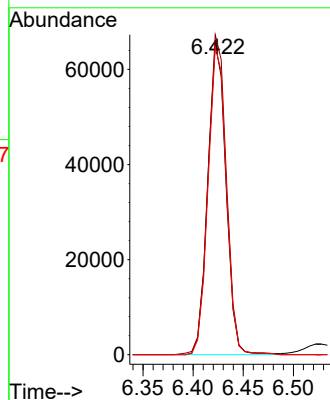
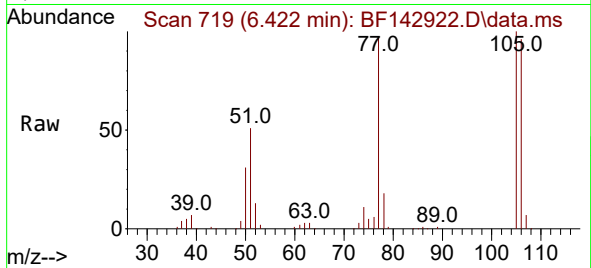




#9  
Benzaldehyde  
Concen: 28.581 ng  
RT: 6.422 min Scan# 719  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

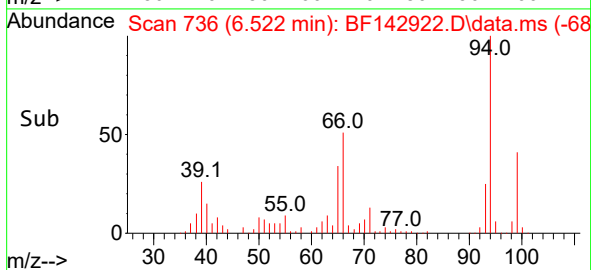
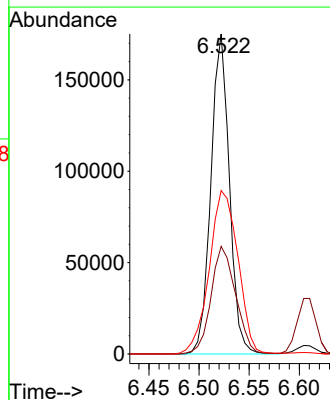
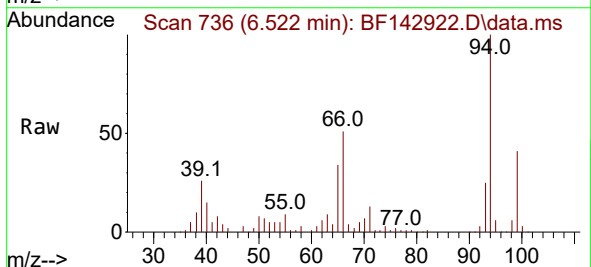
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 82944 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 102.8 | 83.8  | 123.8 |
| 106      | 98.9  | 78.7  | 118.7 |

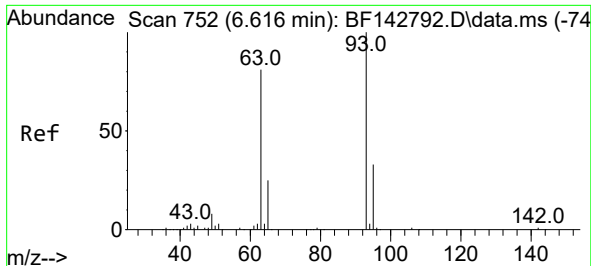


#10  
Phenol  
Concen: 41.366 ng  
RT: 6.522 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 224920 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.6  | 11.3  | 51.3   |
| 66       | 51.1  | 24.9  | 64.9   |



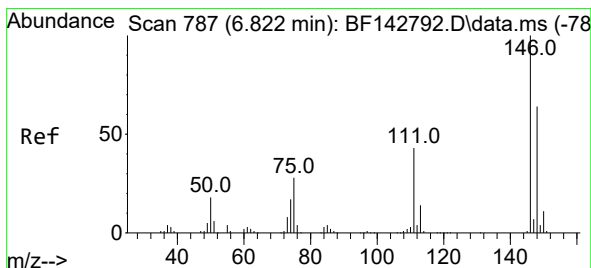
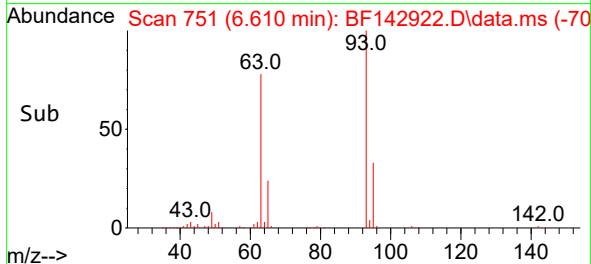
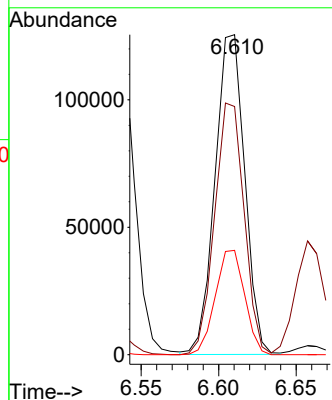
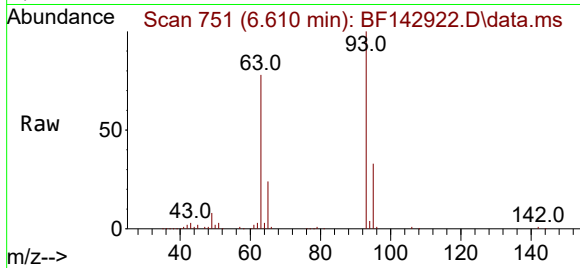




#11  
bis(2-Chloroethyl)ether  
Concen: 43.155 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

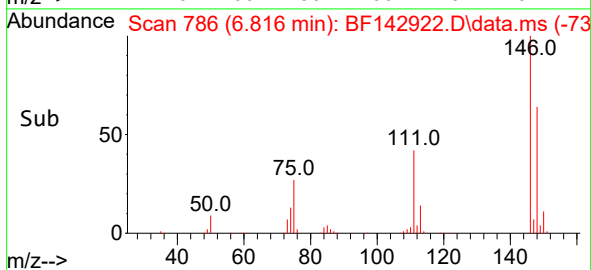
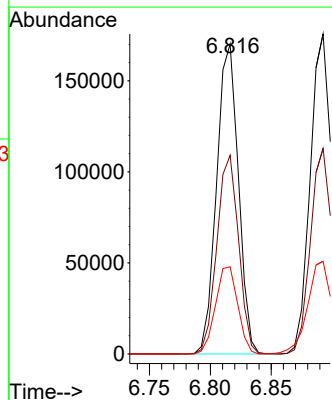
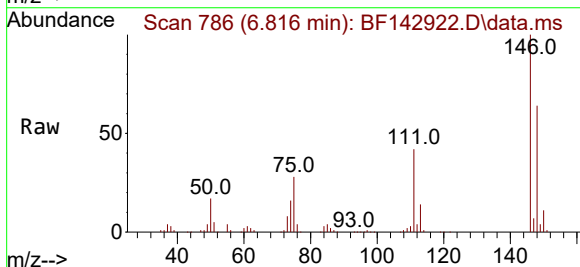
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

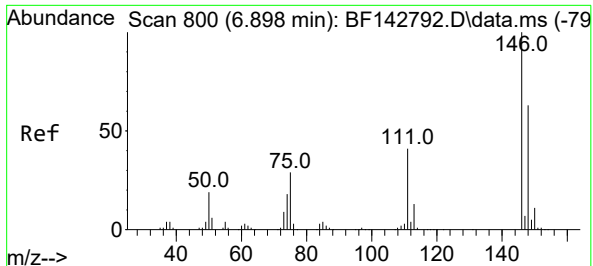
Tgt Ion: 93 Resp: 167705  
Ion Ratio Lower Upper  
93 100  
63 77.6 60.3 100.3  
95 32.6 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 42.303 ng  
RT: 6.816 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:146 Resp: 211593  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.1 76.7  
75 28.1 22.7 34.1

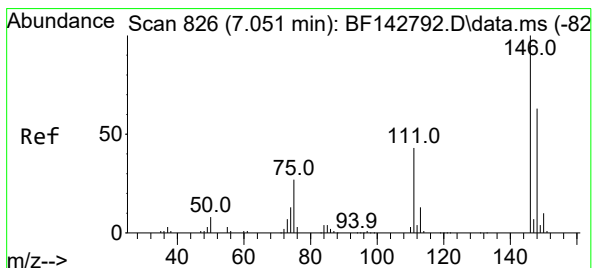
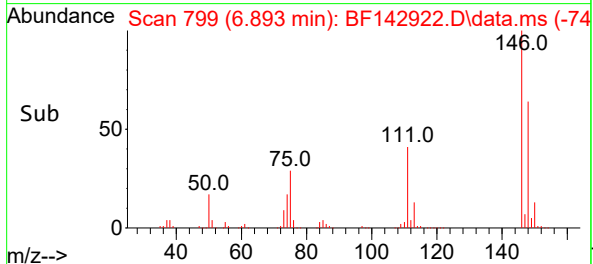
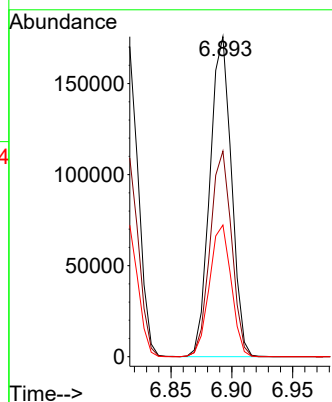
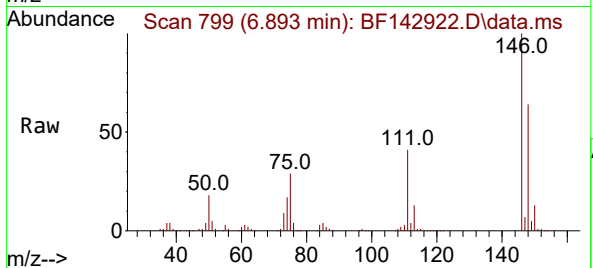




#13  
1,4-Dichlorobenzene  
Concen: 42.947 ng  
RT: 6.893 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

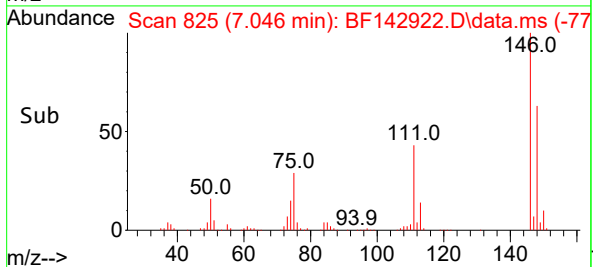
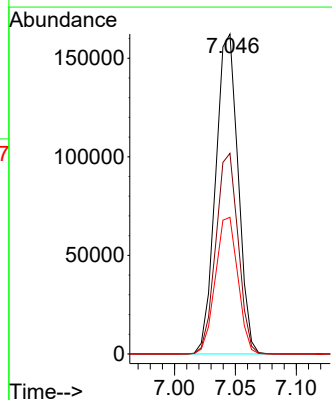
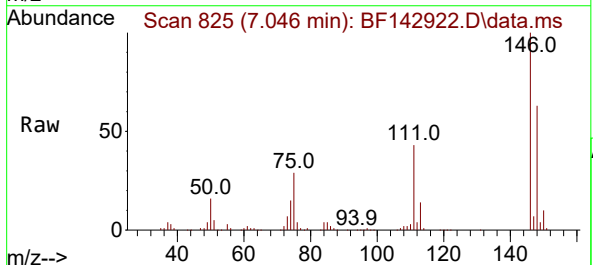
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

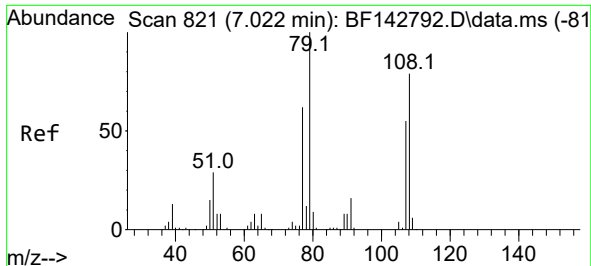
Tgt Ion:146 Resp: 216732  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.2 75.2  
111 41.1 33.2 49.8



#14  
1,2-Dichlorobenzene  
Concen: 43.512 ng  
RT: 7.046 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:146 Resp: 208272  
Ion Ratio Lower Upper  
146 100  
148 62.7 50.4 75.6  
111 42.7 34.1 51.1

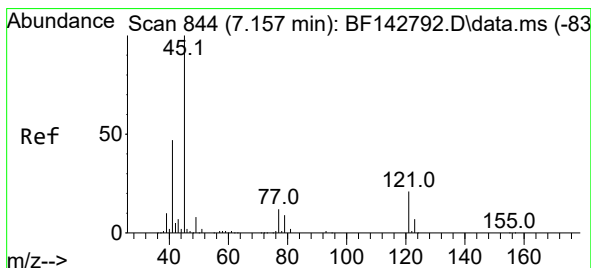
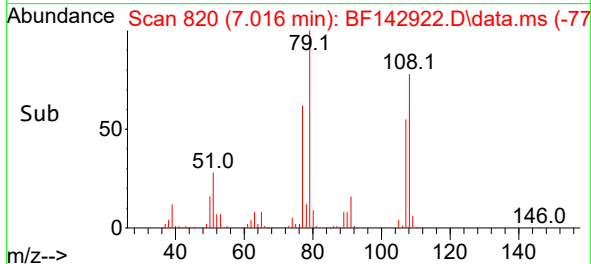
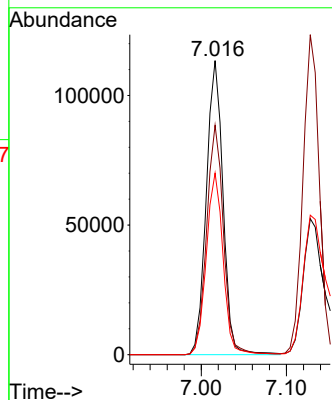
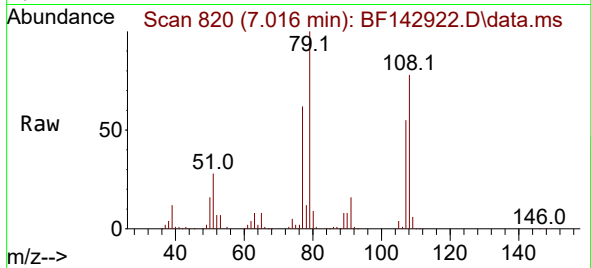




#15  
Benzyl Alcohol  
Concen: 43.697 ng  
RT: 7.016 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

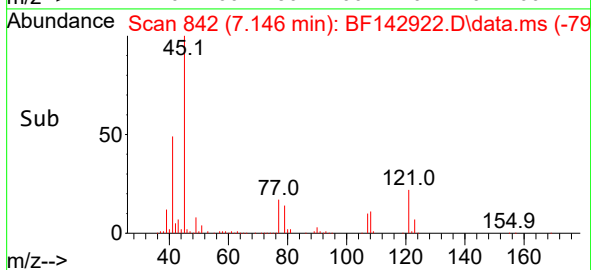
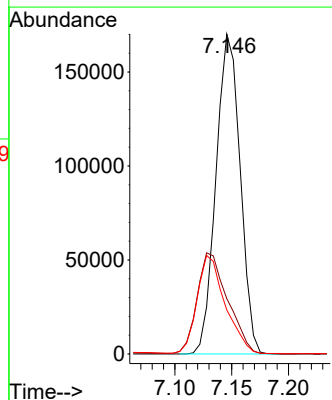
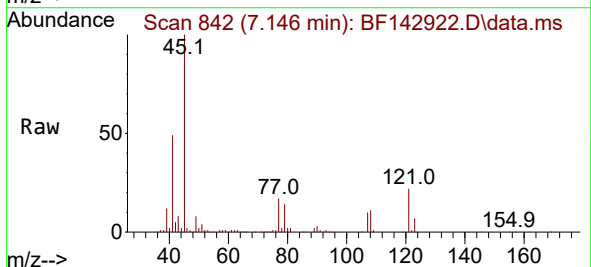
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

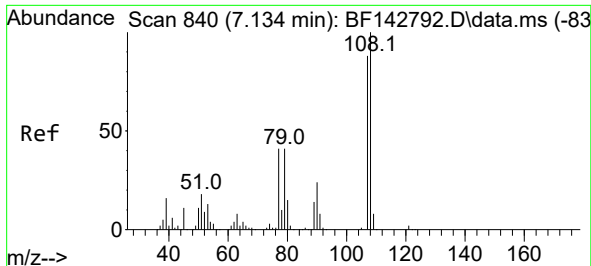
Tgt Ion: 79 Resp: 154524  
Ion Ratio Lower Upper  
79 100  
108 78.0 63.4 95.0  
77 61.8 49.5 74.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 40.367 ng  
RT: 7.146 min Scan# 842  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion: 45 Resp: 252038  
Ion Ratio Lower Upper  
45 100  
77 17.3 0.0 32.8  
79 13.8 0.0 29.8

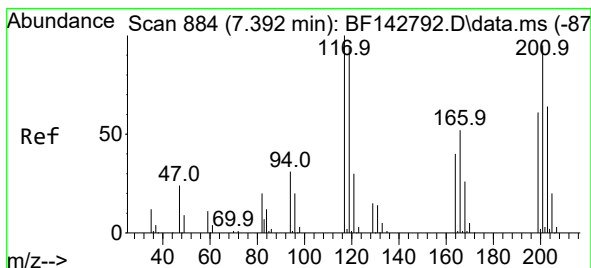
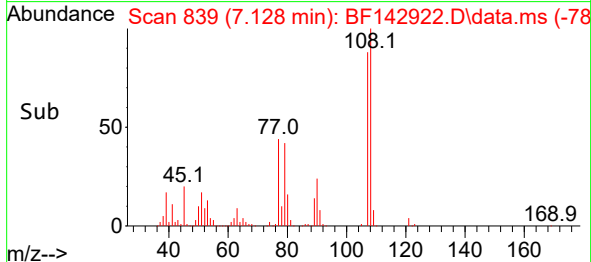
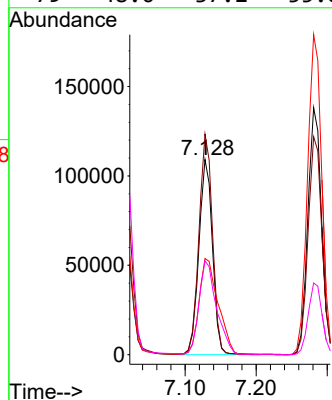
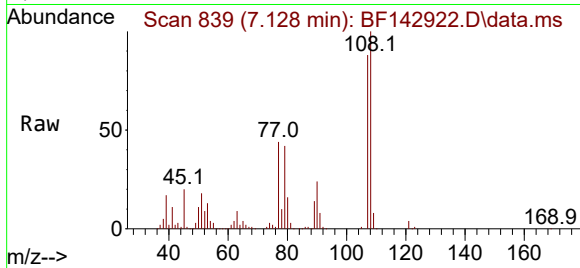




#17  
2-Methylphenol  
Concen: 43.080 ng  
RT: 7.128 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

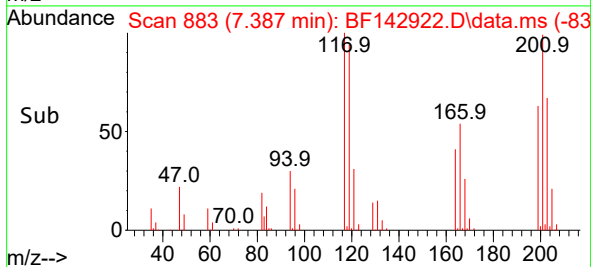
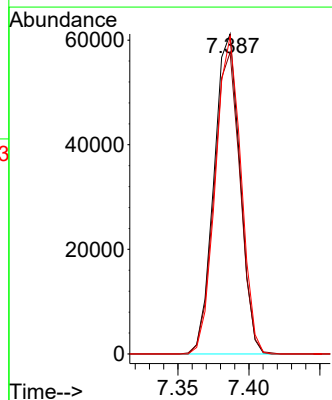
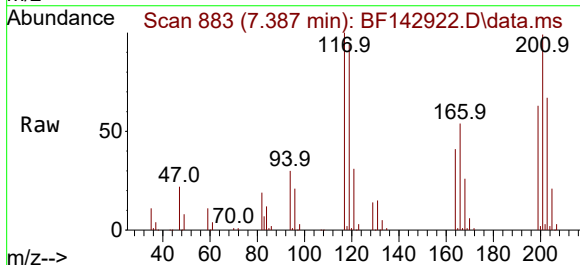
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

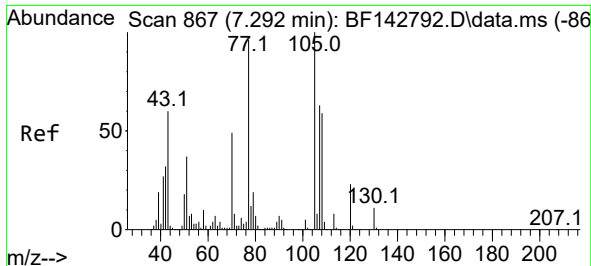
Tgt Ion:107 Resp: 146010  
Ion Ratio Lower Upper  
107 100  
108 113.1 90.9 136.3  
77 49.3 37.3 55.9  
79 48.0 37.2 55.8



#18  
Hexachloroethane  
Concen: 43.930 ng  
RT: 7.387 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:117 Resp: 77542  
Ion Ratio Lower Upper  
117 100  
119 94.2 75.4 113.0  
201 99.2 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.795 ng

RT: 7.287 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

Tgt Ion: 70 Resp: 124595

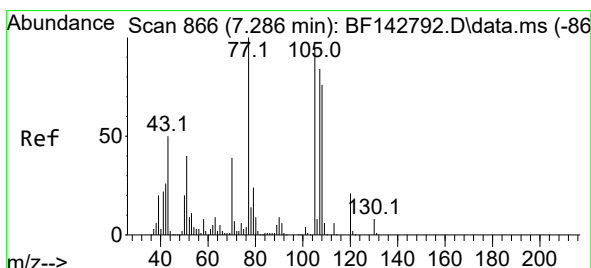
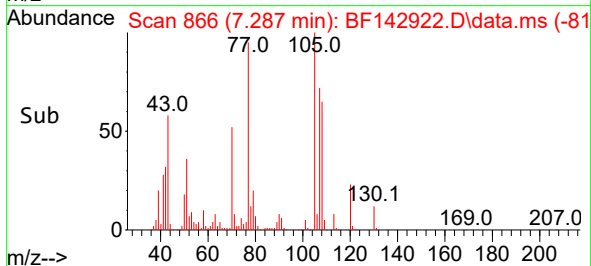
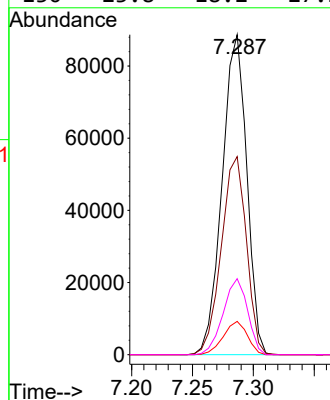
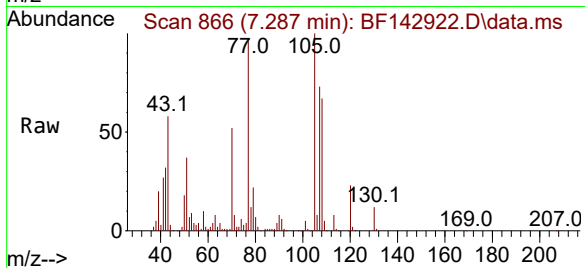
Ion Ratio Lower Upper

70 100

42 61.9 52.1 78.1

101 10.4 8.2 12.2

130 23.8 18.2 27.2



#20

3+4-Methylphenols

Concen: 44.011 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Tgt Ion:107 Resp: 185984

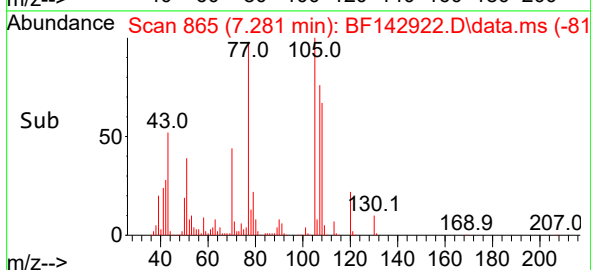
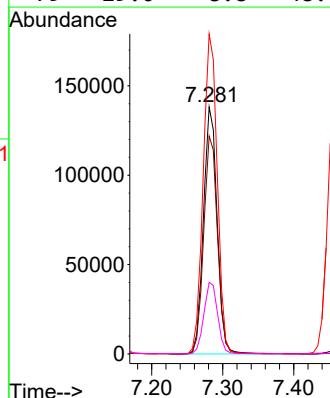
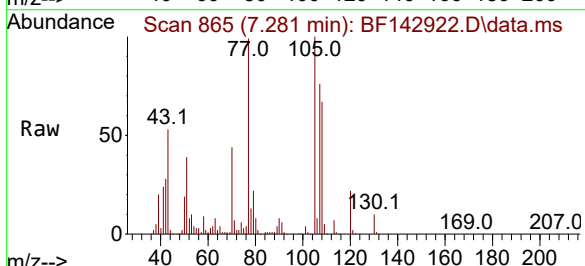
Ion Ratio Lower Upper

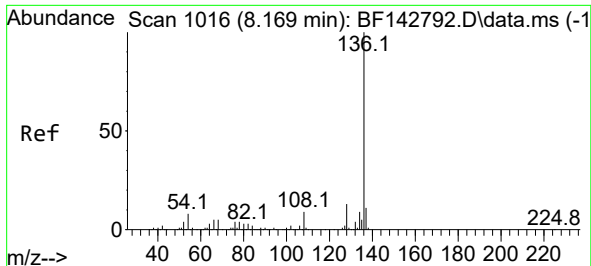
107 100

108 88.2 70.0 110.0

77 129.6 98.5 138.5

79 29.0 8.8 48.8

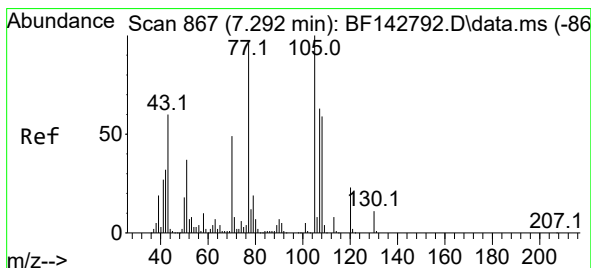
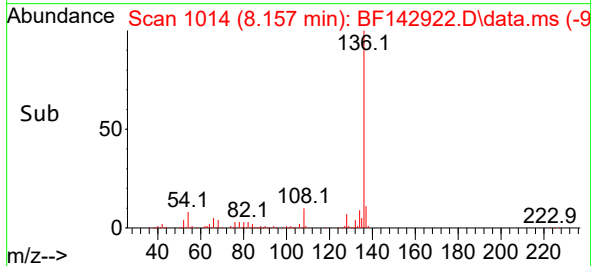
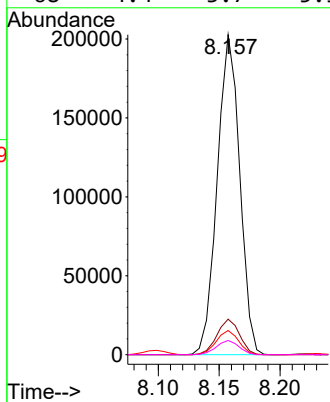
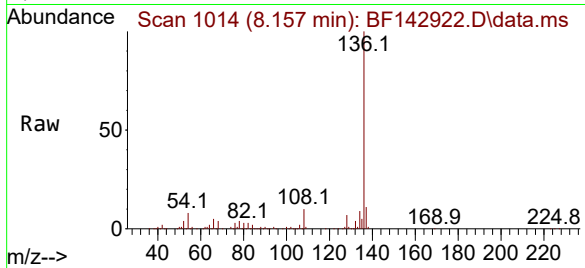




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

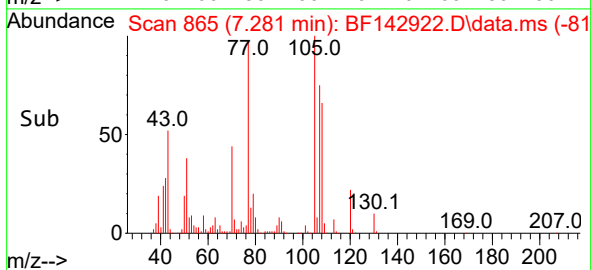
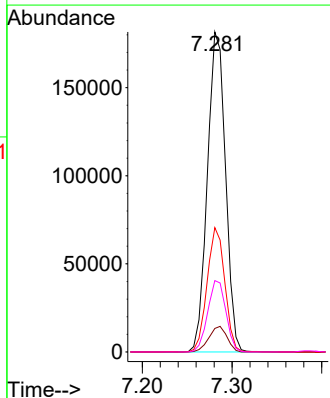
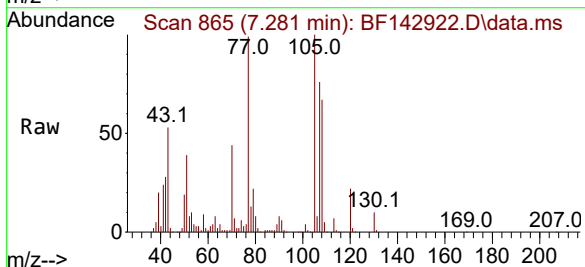
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

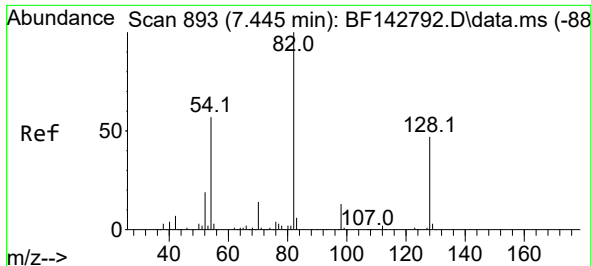
Tgt Ion:136 Resp: 260392  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.4 12.6  
54 7.5 6.3 9.5  
68 4.4 3.7 5.5



#22  
Acetophenone  
Concen: 44.368 ng  
RT: 7.281 min Scan# 865  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:105 Resp: 254768  
Ion Ratio Lower Upper  
105 100  
71 7.3 6.5 9.7  
51 38.8 29.8 44.8  
120 22.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 56.685 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

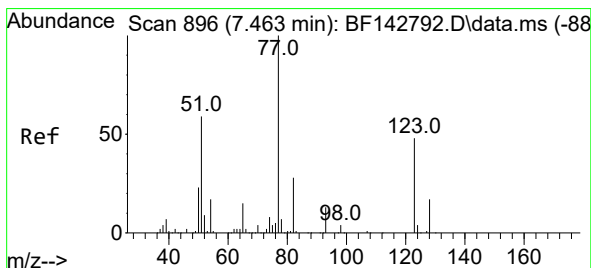
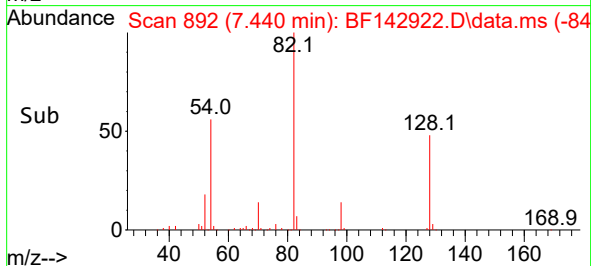
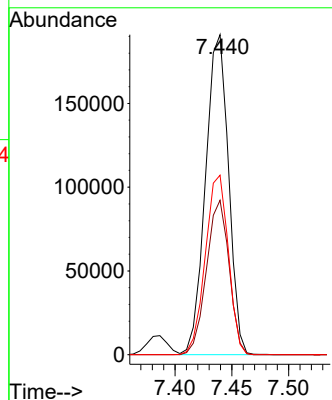
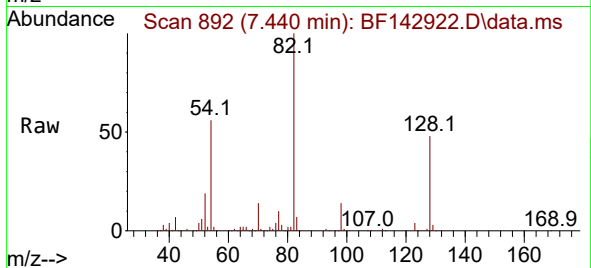
Tgt Ion: 82 Resp: 269098

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 56.1 45.7 68.5



#24

Nitrobenzene

Concen: 43.067 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

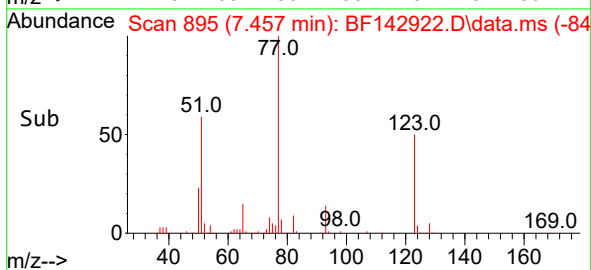
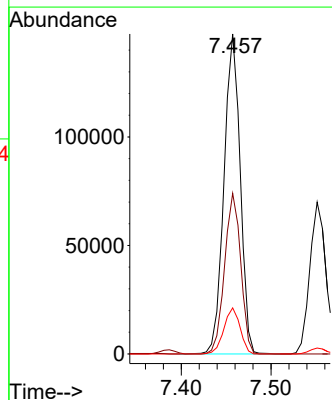
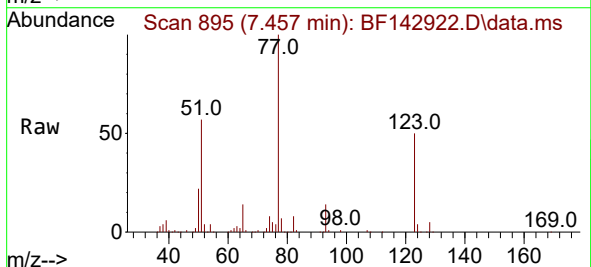
Tgt Ion: 77 Resp: 185046

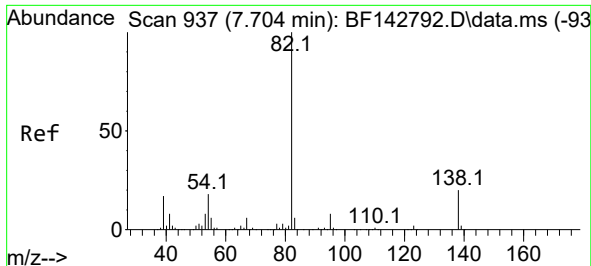
Ion Ratio Lower Upper

77 100

123 50.2 39.2 58.8

65 14.4 11.6 17.4

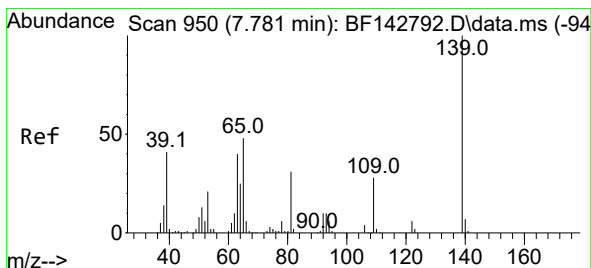
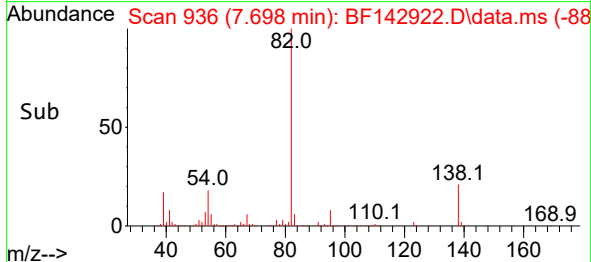
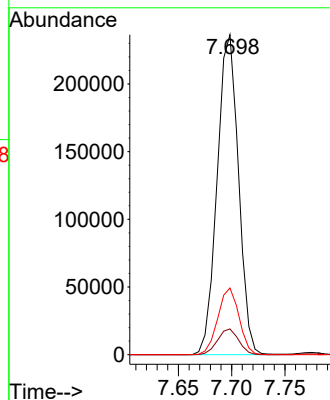
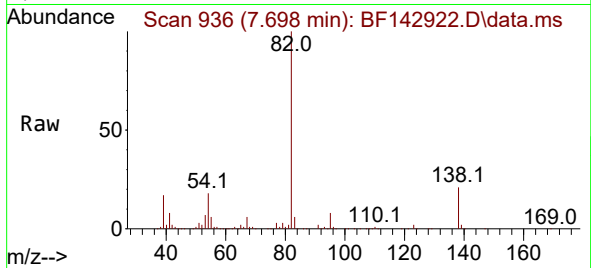




#25  
Isophorone  
Concen: 43.163 ng  
RT: 7.698 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

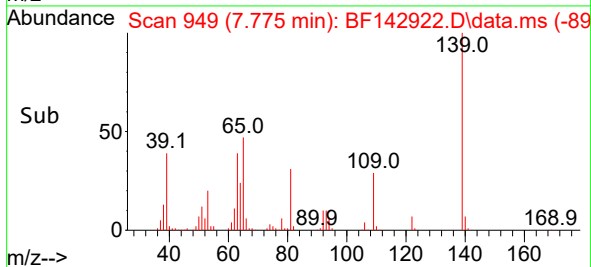
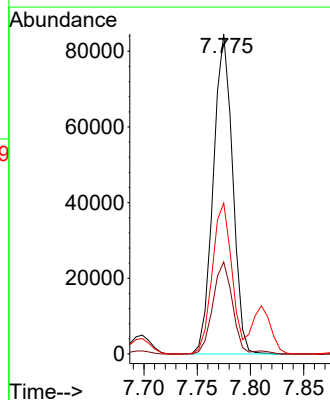
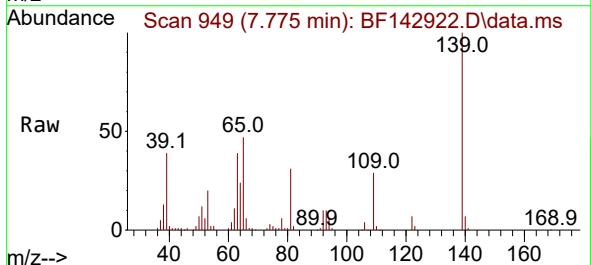
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

Tgt Ion: 82 Resp: 328702  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.2 9.2  
138 20.9 16.2 24.4

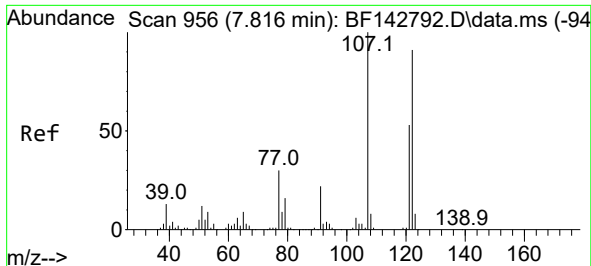


#26  
2-Nitrophenol  
Concen: 45.639 ng  
RT: 7.775 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:139 Resp: 106824  
Ion Ratio Lower Upper  
139 100  
109 28.7 22.7 34.1  
65 47.2 38.6 58.0







#27

2,4-Dimethylphenol

Concen: 42.897 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

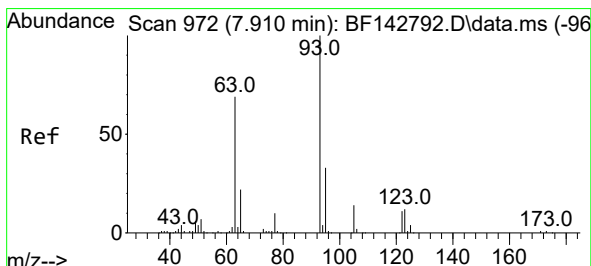
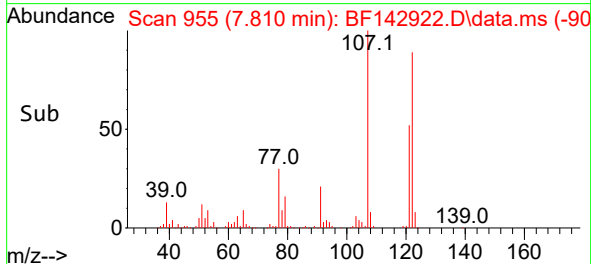
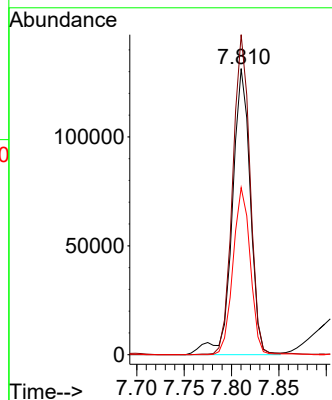
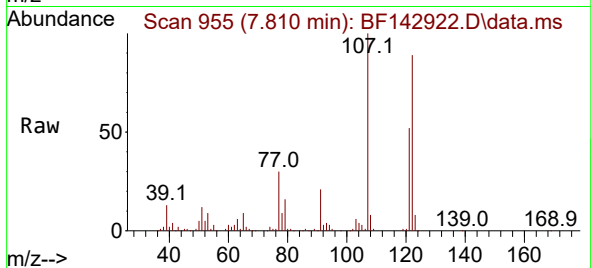
Tgt Ion:122 Resp: 173917

Ion Ratio Lower Upper

122 100

107 111.8 88.0 132.0

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.400 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

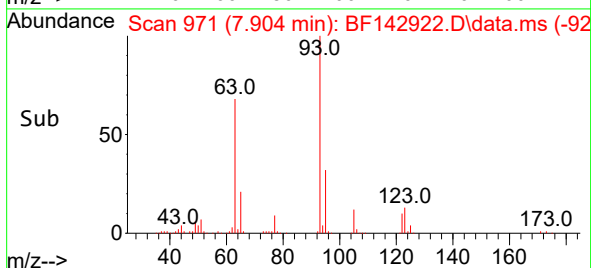
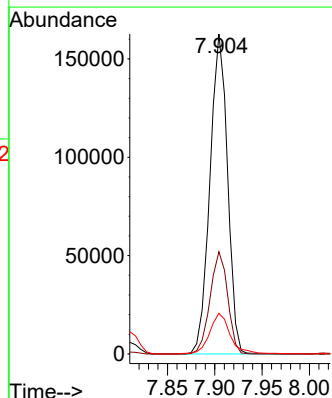
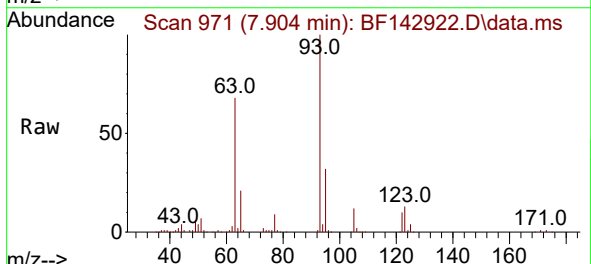
Tgt Ion: 93 Resp: 210122

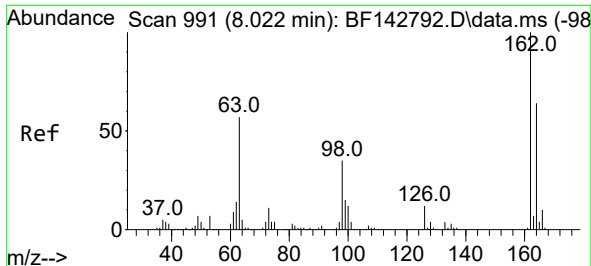
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.760 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

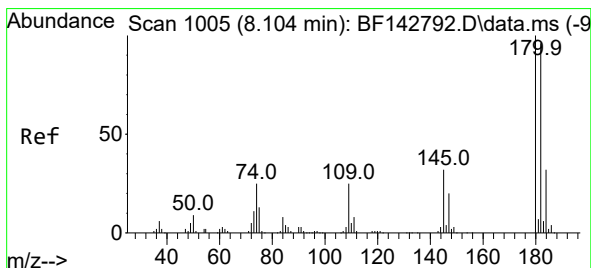
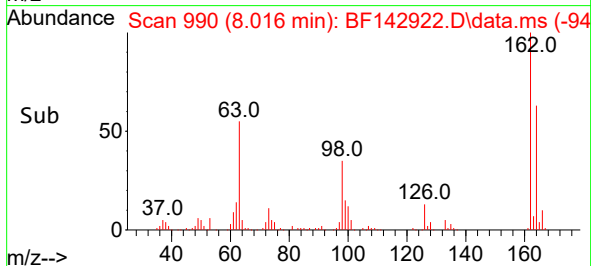
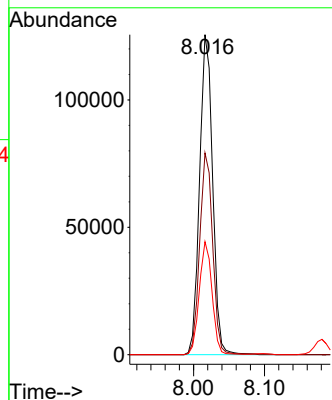
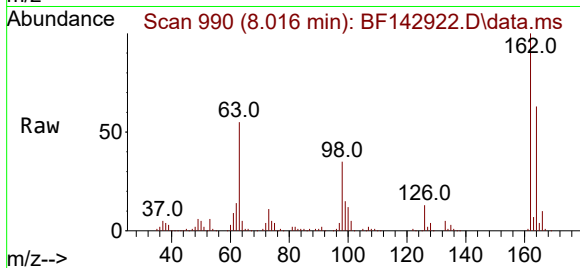
Tgt Ion:162 Resp: 160870

Ion Ratio Lower Upper

162 100

164 63.1 44.0 84.0

98 35.3 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 43.612 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

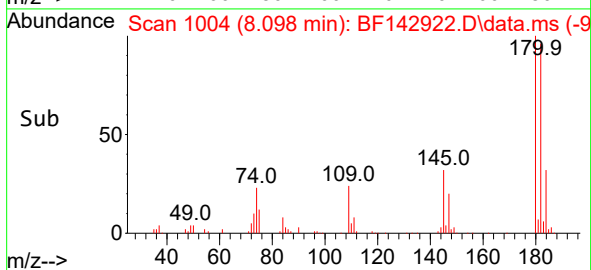
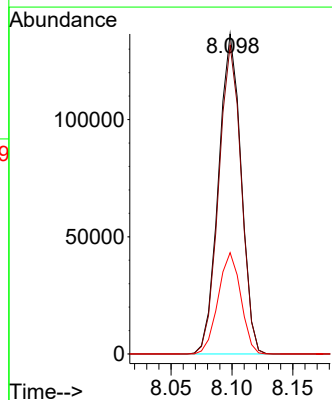
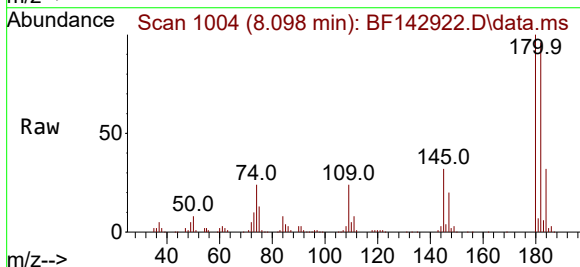
Tgt Ion:180 Resp: 176293

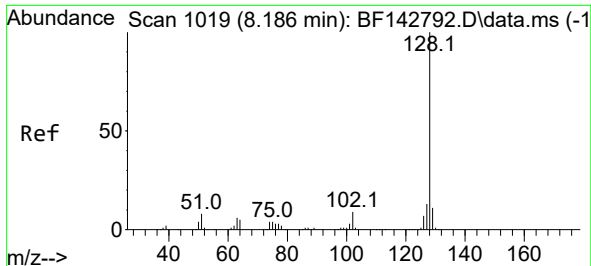
Ion Ratio Lower Upper

180 100

182 96.5 76.4 114.6

145 31.6 25.8 38.8

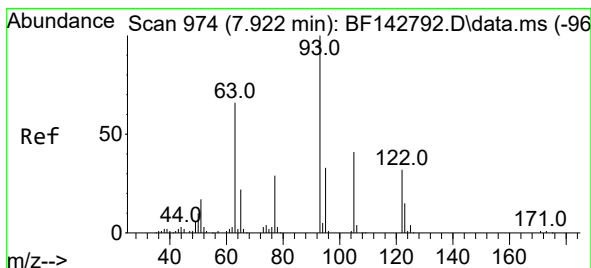
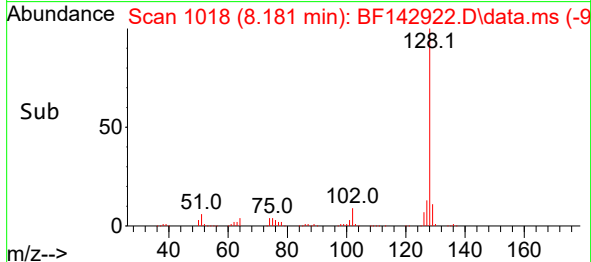
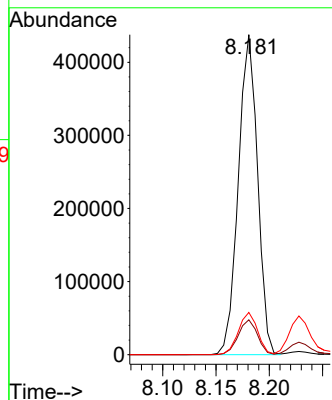
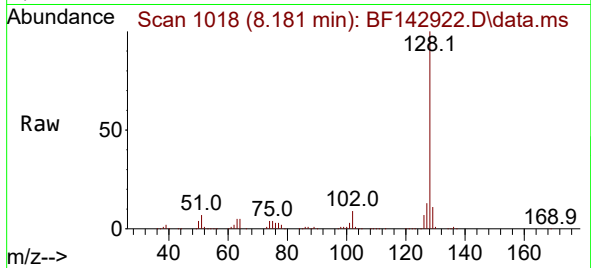




#31  
Naphthalene  
Concen: 43.216 ng  
RT: 8.181 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

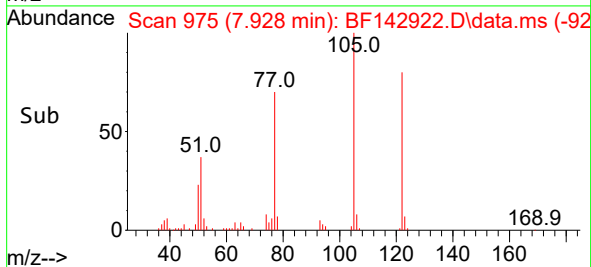
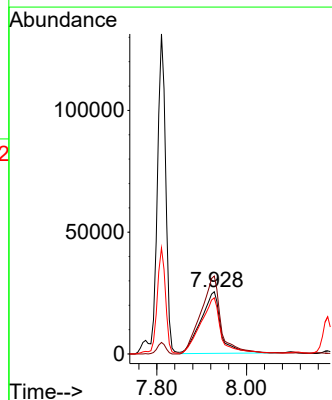
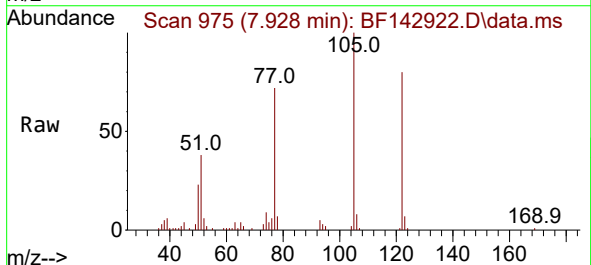
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

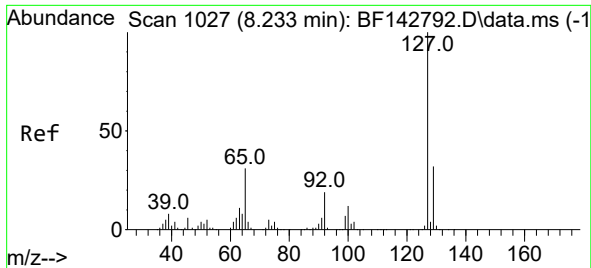
Tgt Ion:128 Resp: 550826  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.2 10.4 15.6



#32  
Benzoic acid  
Concen: 38.348 ng  
RT: 7.928 min Scan# 975  
Delta R.T. 0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:122 Resp: 79245  
Ion Ratio Lower Upper  
122 100  
105 125.1 104.7 144.7  
77 90.2 70.2 110.2

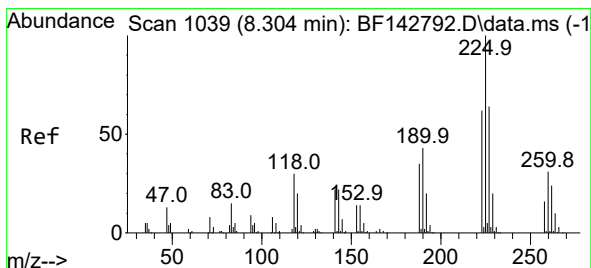
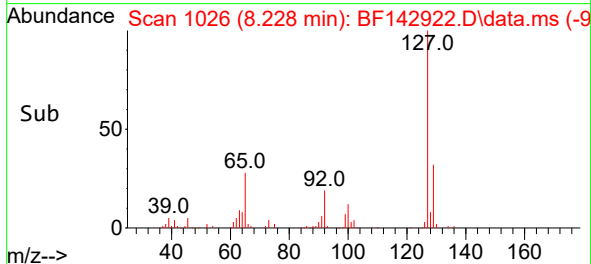
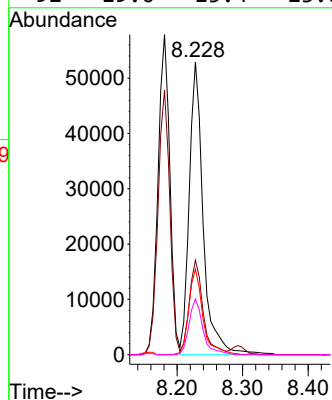
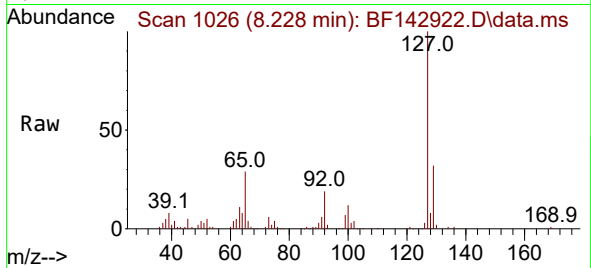




#33  
4-Chloroaniline  
Concen: 15.105 ng  
RT: 8.228 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

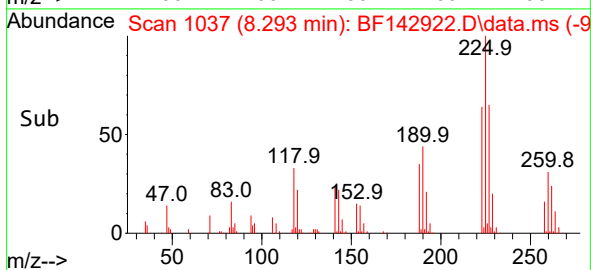
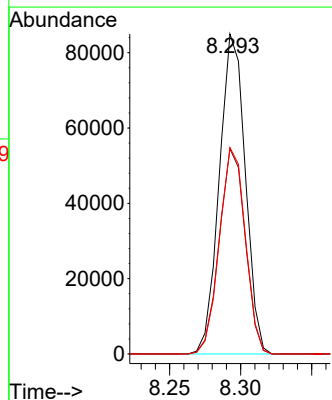
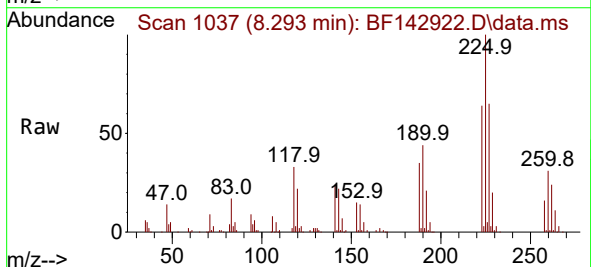
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

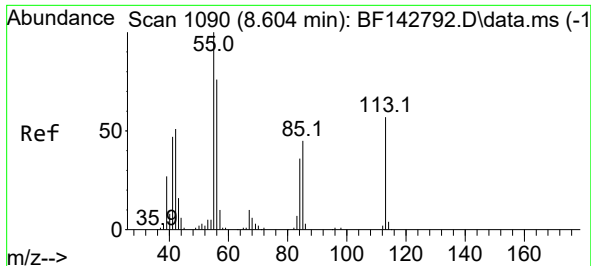
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 78285 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.3  | 25.9  | 38.9  |
| 65       | 29.3  | 24.6  | 36.8  |
| 92       | 19.0  | 15.4  | 23.0  |



#34  
Hexachlorobutadiene  
Concen: 43.597 ng  
RT: 8.293 min Scan# 1037  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 107799 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 49.9  | 74.9   |
| 227      | 64.5  | 51.4  | 77.0   |

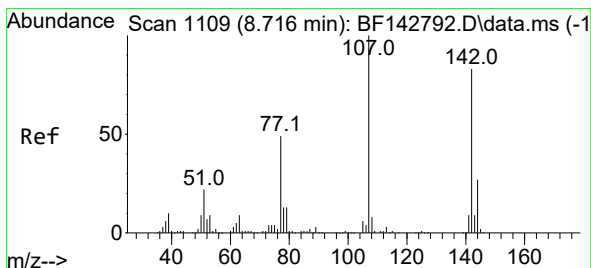
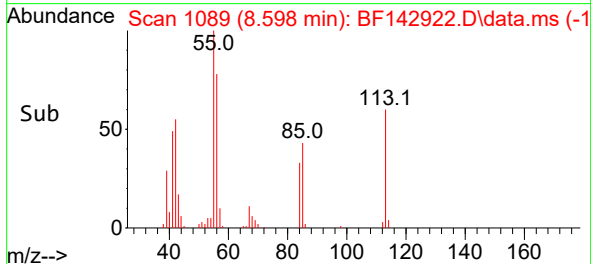
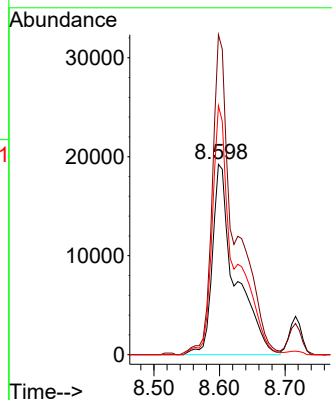
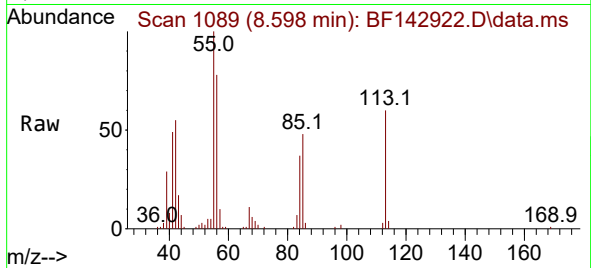




#35  
 Caprolactam  
 Concen: 47.917 ng  
 RT: 8.598 min Scan# 1089  
 Delta R.T. -0.006 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

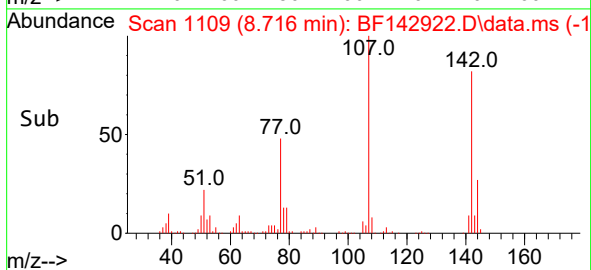
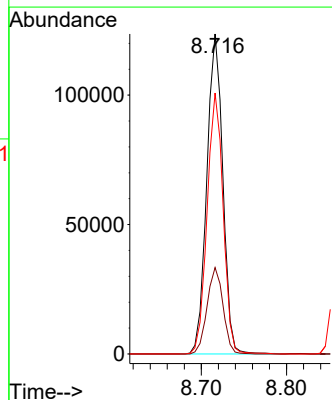
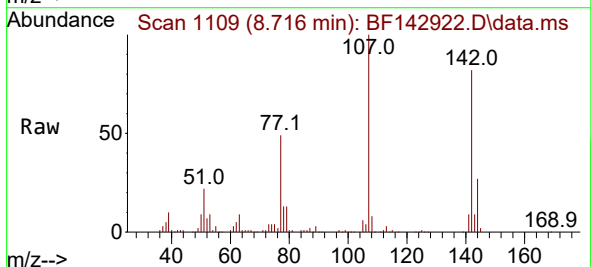
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-E/FMSD

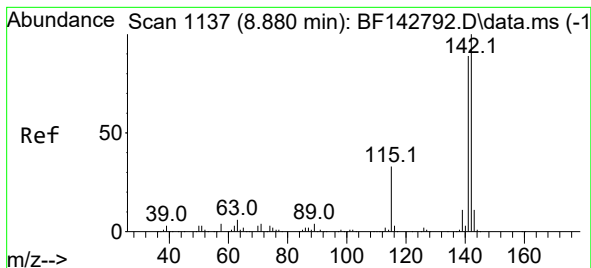
Tgt Ion:113 Resp: 46482  
 Ion Ratio Lower Upper  
 113 100  
 55 168.0 154.4 194.4  
 56 130.7 112.1 152.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.168 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. 0.000 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

Tgt Ion:107 Resp: 161367  
 Ion Ratio Lower Upper  
 107 100  
 144 27.0 21.3 31.9  
 142 81.6 66.6 100.0

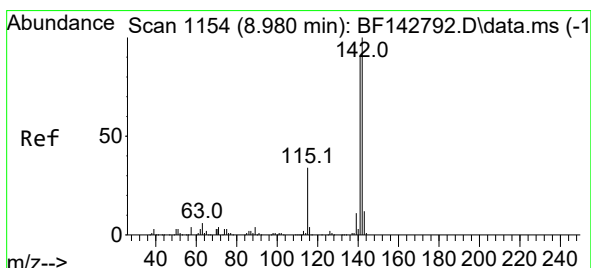
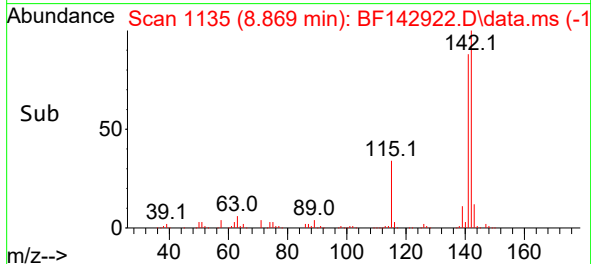
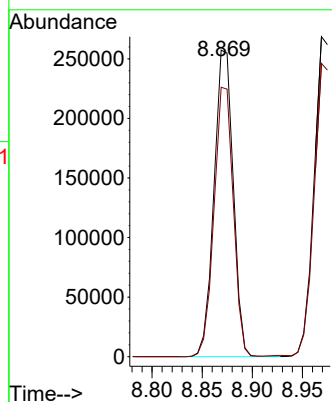
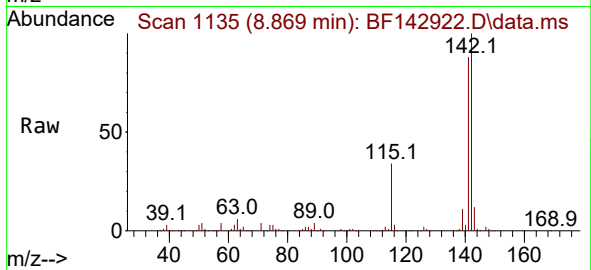




#37  
2-Methylnaphthalene  
Concen: 43.418 ng  
RT: 8.869 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

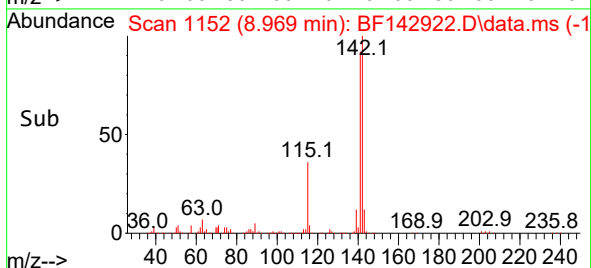
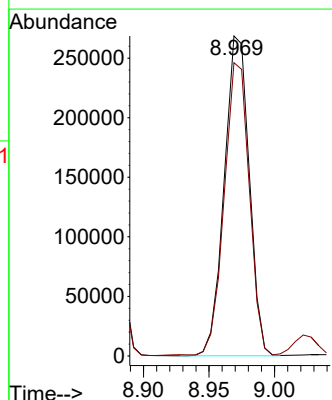
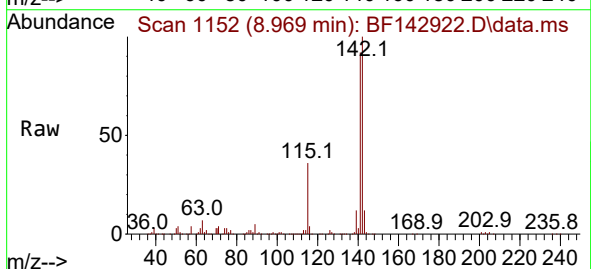
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

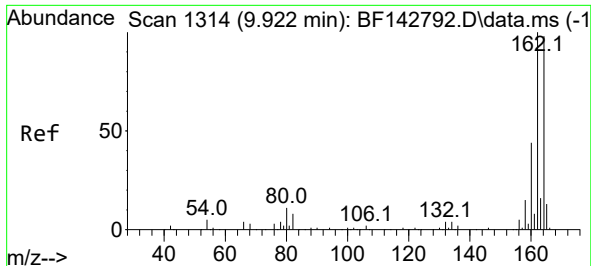
Tgt Ion:142 Resp: 343085  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.9 106.3



#38  
1-Methylnaphthalene  
Concen: 43.478 ng  
RT: 8.969 min Scan# 1152  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:142 Resp: 355644  
Ion Ratio Lower Upper  
142 100  
141 91.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

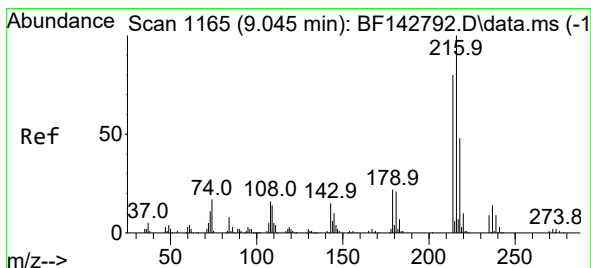
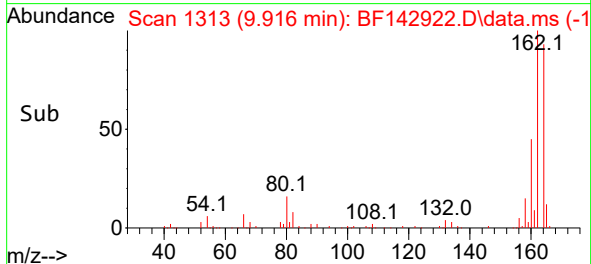
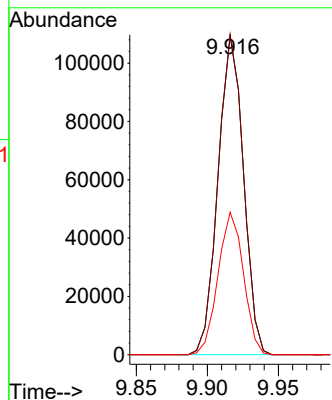
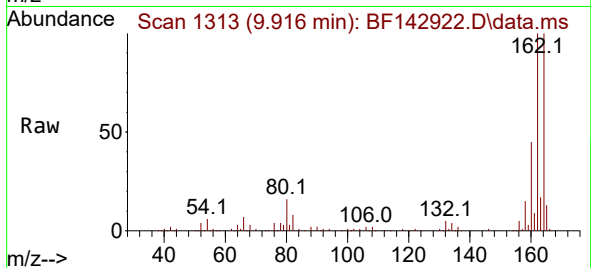
Tgt Ion:164 Resp: 136177

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.8

160 44.7 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.766 ng

RT: 9.040 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Tgt Ion:216 Resp: 175858

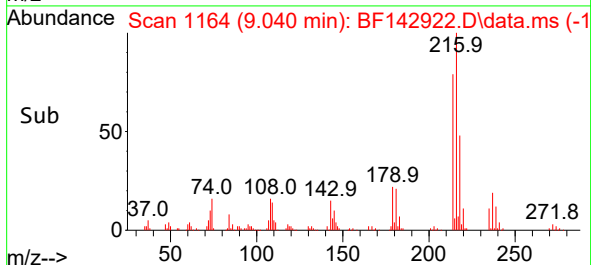
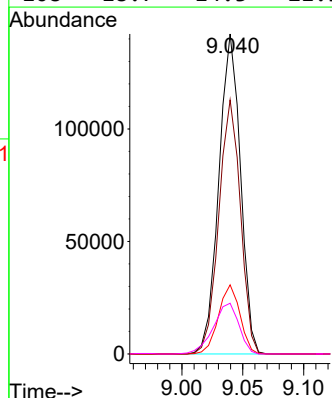
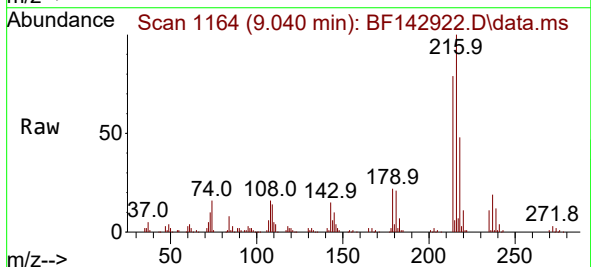
Ion Ratio Lower Upper

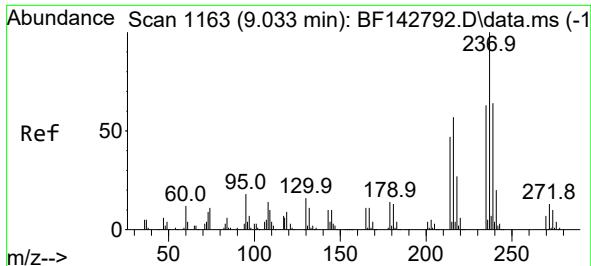
216 100

214 79.2 63.7 95.5

179 21.5 17.6 26.4

108 18.7 14.3 21.5

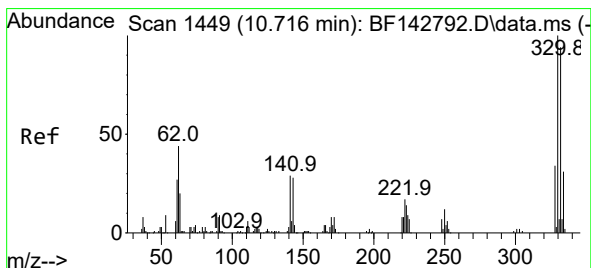
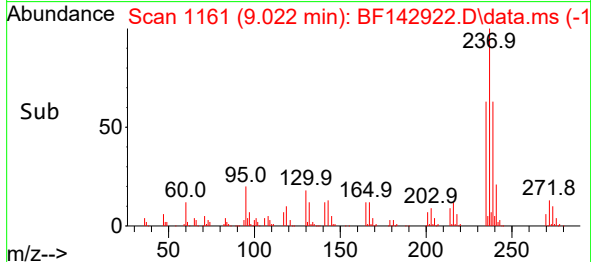
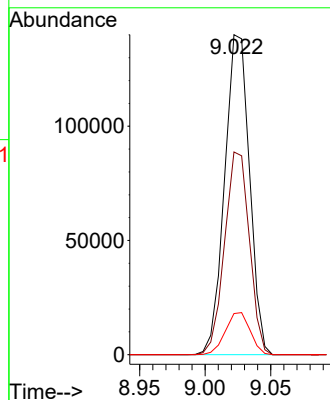
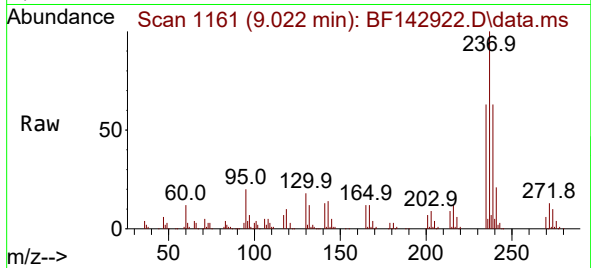




#41  
Hexachlorocyclopentadiene  
Concen: 80.981 ng  
RT: 9.022 min Scan# 1161  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

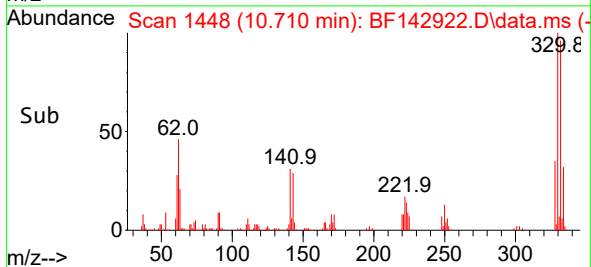
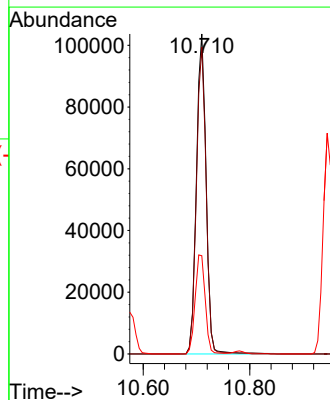
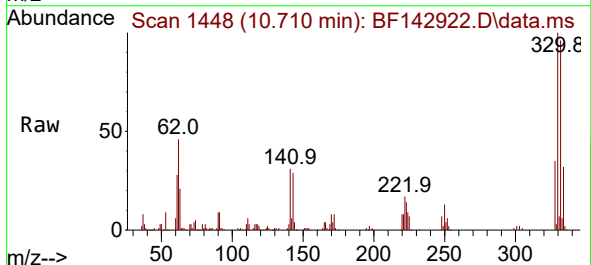
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

Tgt Ion:237 Resp: 184655  
Ion Ratio Lower Upper  
237 100  
235 63.4 43.4 83.4  
272 12.9 0.0 32.7

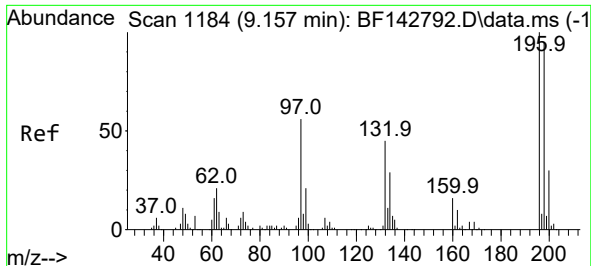


#42  
2,4,6-Tribromophenol  
Concen: 93.679 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:330 Resp: 131278  
Ion Ratio Lower Upper  
330 100  
332 95.4 75.0 112.6  
141 32.2 25.3 37.9



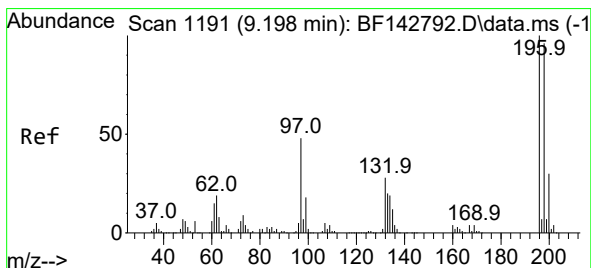
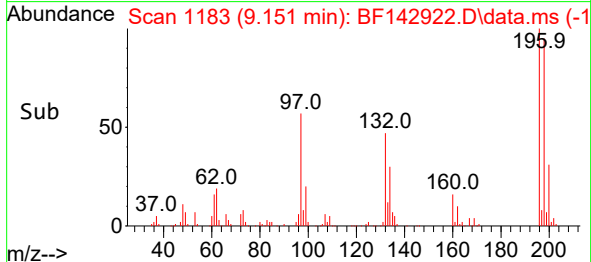
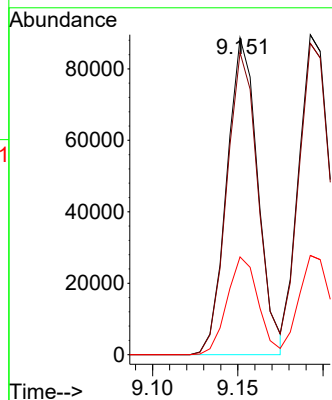
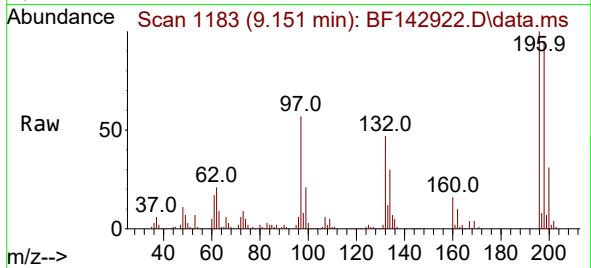




#43  
2,4,6-Trichlorophenol  
Concen: 42.863 ng  
RT: 9.151 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

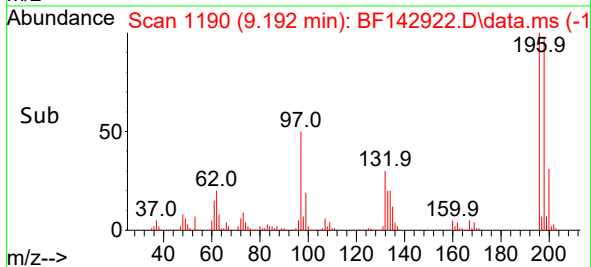
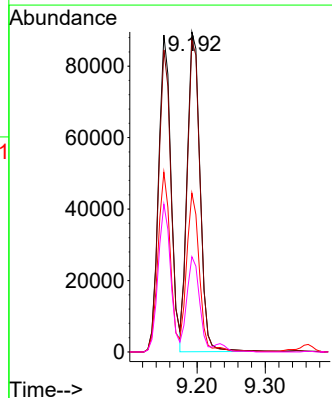
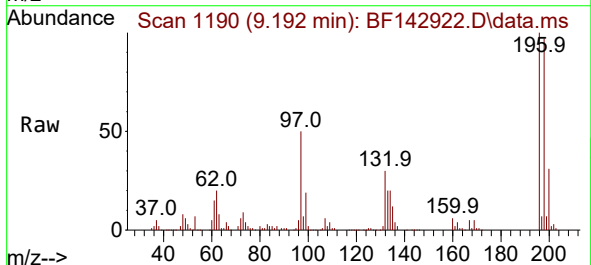
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

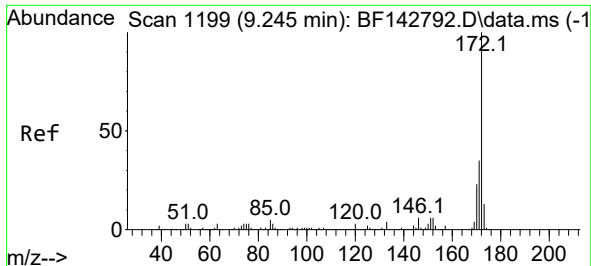
Tgt Ion:196 Resp: 112230  
Ion Ratio Lower Upper  
196 100  
198 95.3 76.2 114.2  
200 30.9 24.1 36.1



#44  
2,4,5-Trichlorophenol  
Concen: 42.353 ng  
RT: 9.192 min Scan# 1190  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:196 Resp: 116734  
Ion Ratio Lower Upper  
196 100  
198 97.3 76.6 115.0  
97 49.6 38.2 57.2  
132 29.8 23.4 35.0

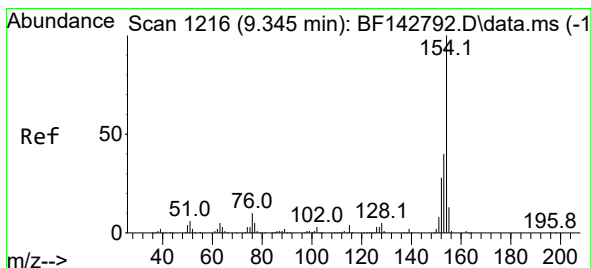
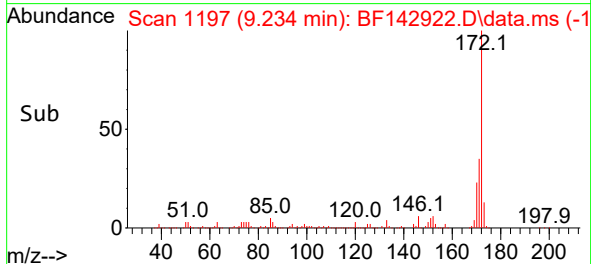
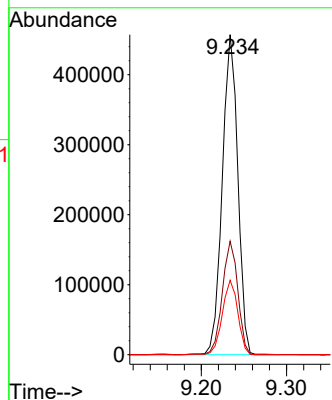
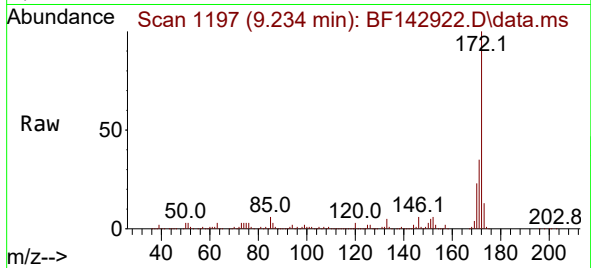




#45  
2-Fluorobiphenyl  
Concen: 55.678 ng  
RT: 9.234 min Scan# 1197  
Delta R.T. -0.011 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

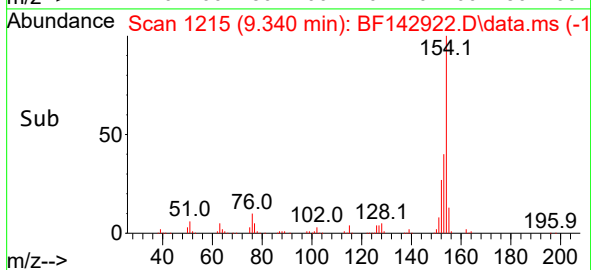
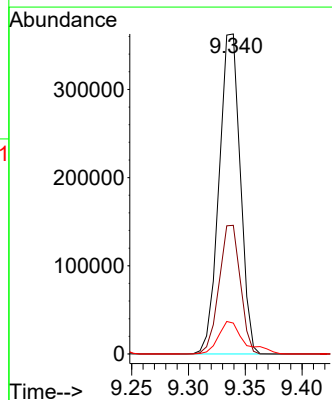
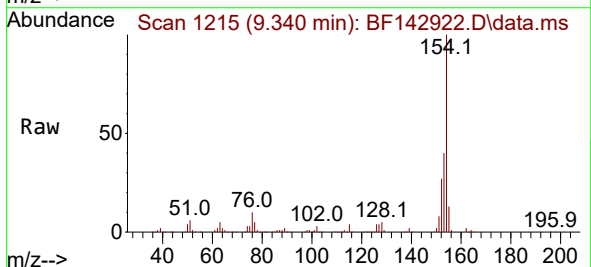
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

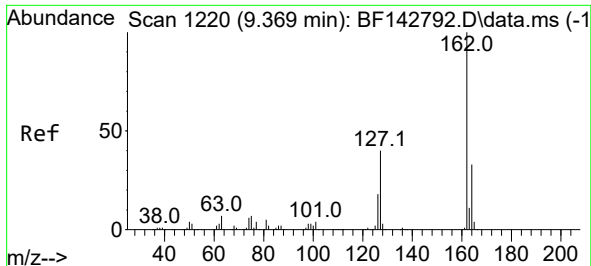
Tgt Ion:172 Resp: 577161  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.4  
170 23.2 18.5 27.7



#46  
1,1'-Biphenyl  
Concen: 43.877 ng  
RT: 9.340 min Scan# 1215  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:154 Resp: 471999  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.3 60.3  
76 9.6 0.0 30.3





#47

2-Chloronaphthalene

Concen: 43.146 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

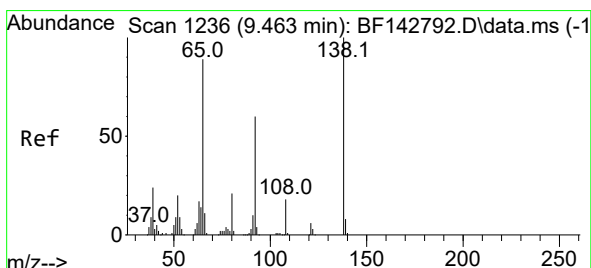
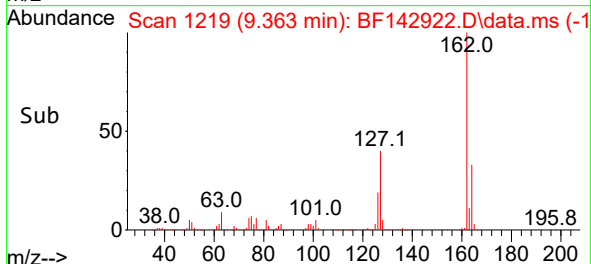
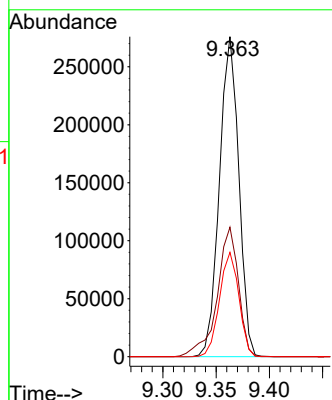
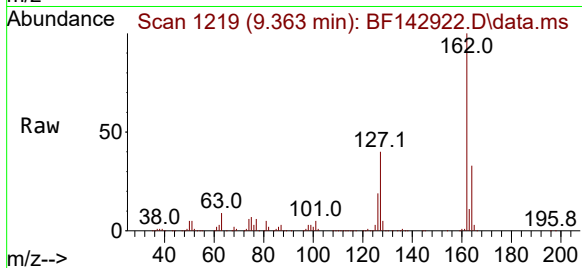
Tgt Ion:162 Resp: 348294

Ion Ratio Lower Upper

162 100

127 40.5 32.2 48.2

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 44.047 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

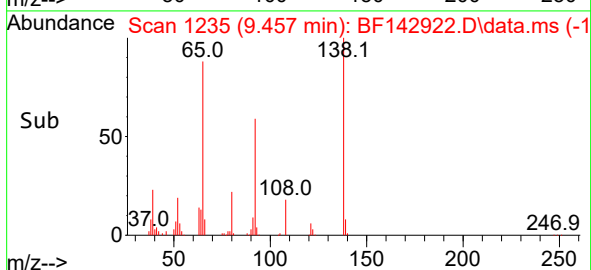
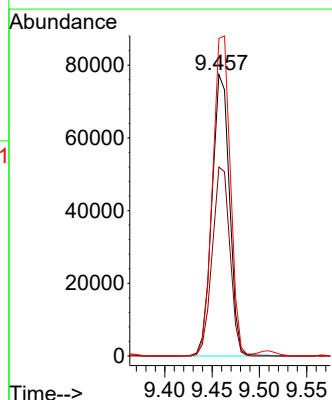
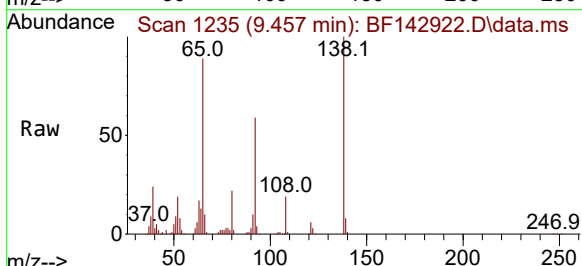
Tgt Ion: 65 Resp: 99686

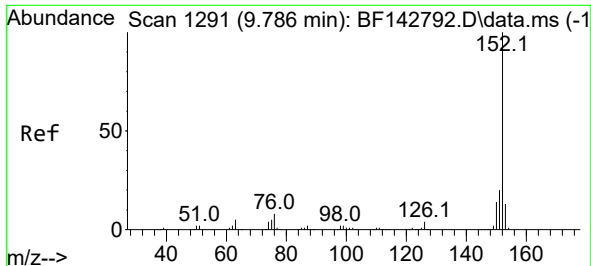
Ion Ratio Lower Upper

65 100

92 67.1 53.8 80.6

138 112.9 89.6 134.4

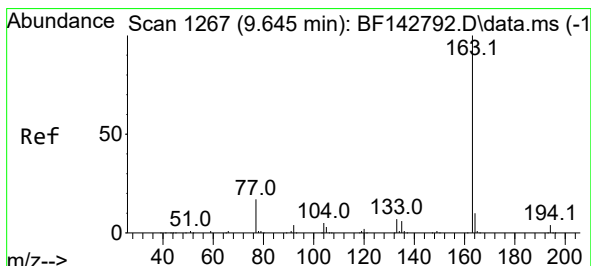
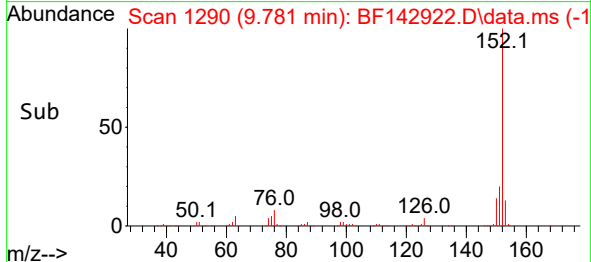
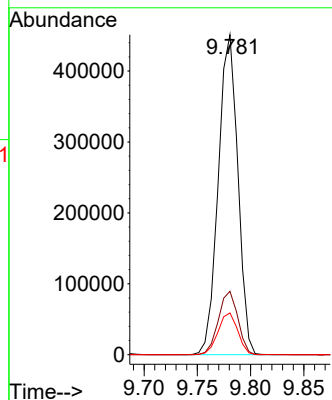
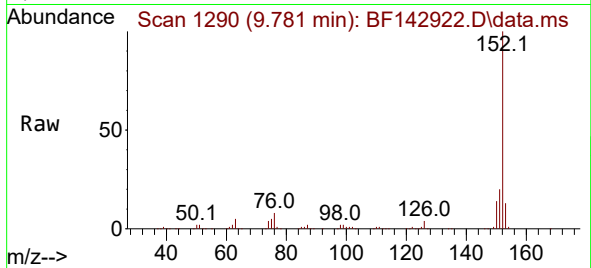




#49  
Acenaphthylene  
Concen: 43.343 ng  
RT: 9.781 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

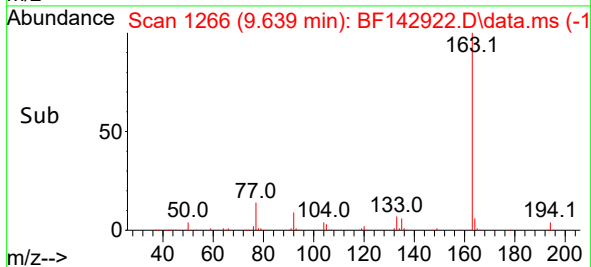
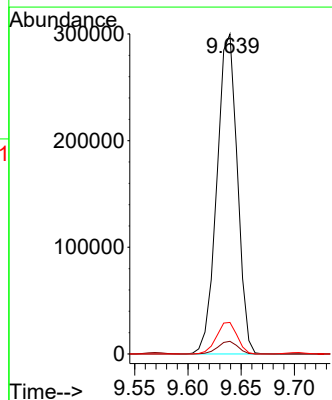
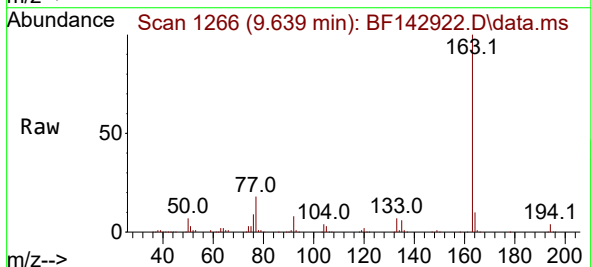
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

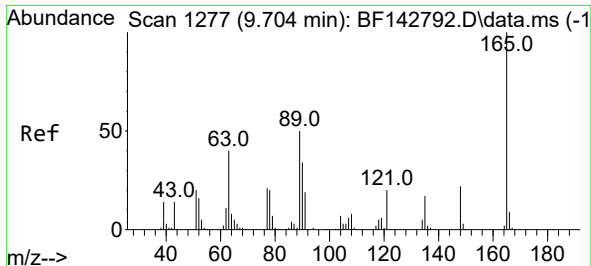
Tgt Ion:152 Resp: 575988  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.1 24.1  
153 13.1 10.4 15.6



#50  
Dimethylphthalate  
Concen: 45.292 ng  
RT: 9.639 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:163 Resp: 399236  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 9.9 8.0 12.0

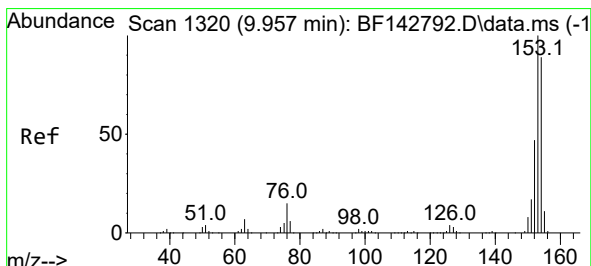
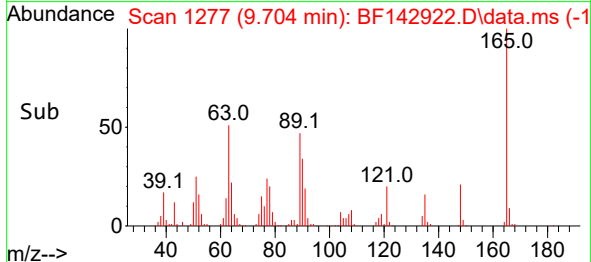
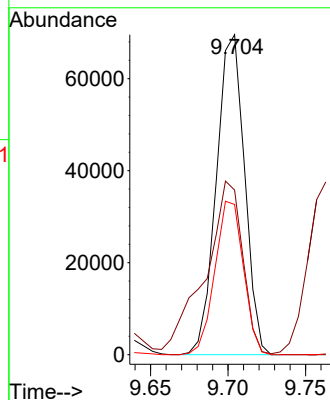
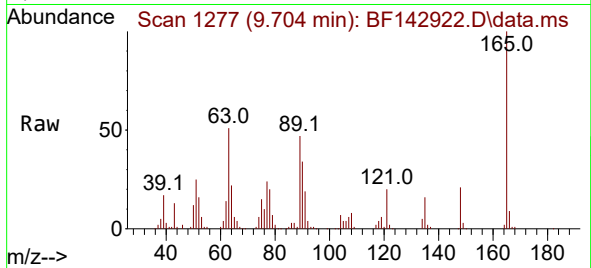




#51  
2,6-Dinitrotoluene  
Concen: 45.516 ng  
RT: 9.704 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

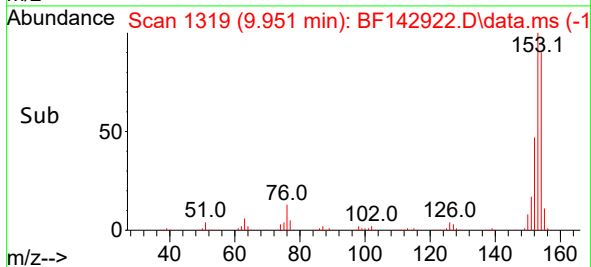
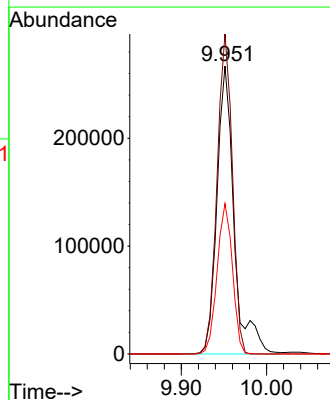
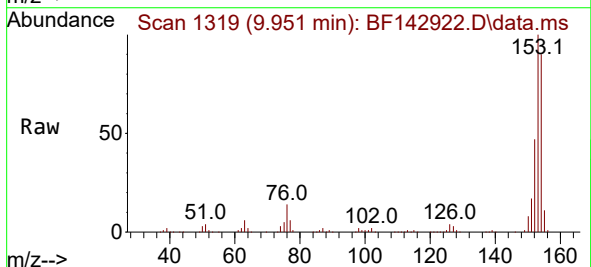
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

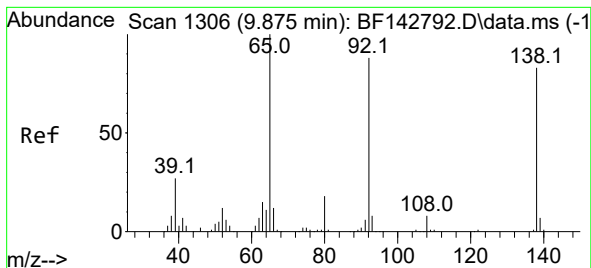
Tgt Ion:165 Resp: 88111  
Ion Ratio Lower Upper  
165 100  
63 51.4 44.2 66.4  
89 46.9 39.8 59.8



#52  
Acenaphthene  
Concen: 45.952 ng  
RT: 9.951 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:154 Resp: 372582  
Ion Ratio Lower Upper  
154 100  
153 111.2 90.0 135.0  
152 52.3 41.9 62.9





#53

3-Nitroaniline

Concen: 24.466 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

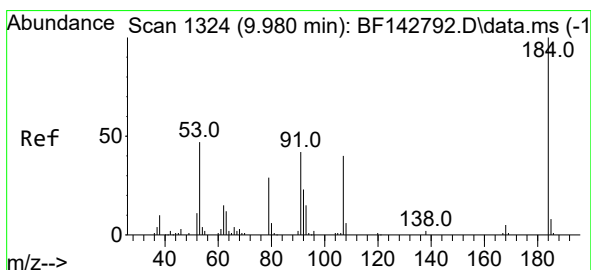
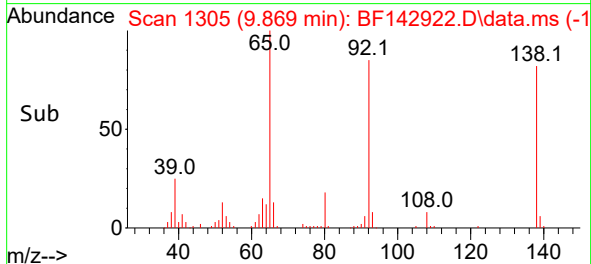
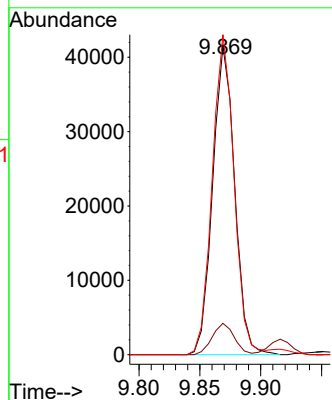
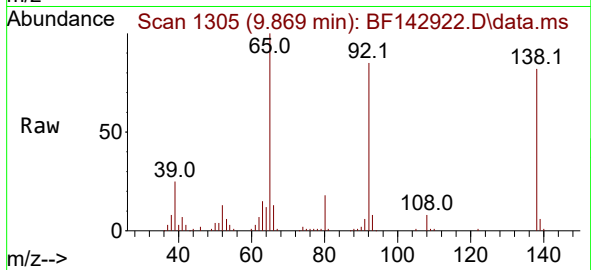
Tgt Ion:138 Resp: 52145

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

92 103.6 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 66.079 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

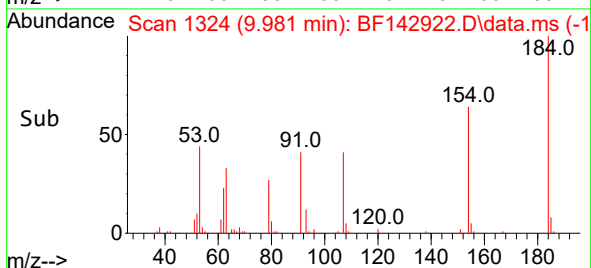
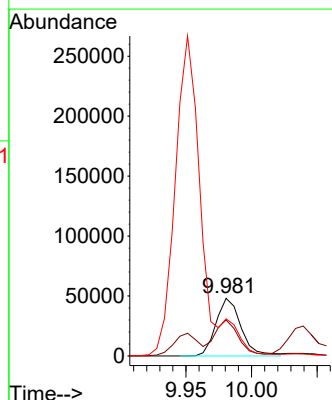
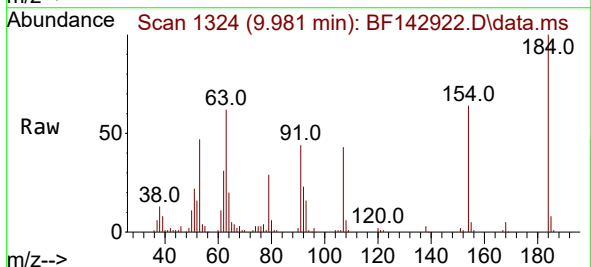
Tgt Ion:184 Resp: 64050

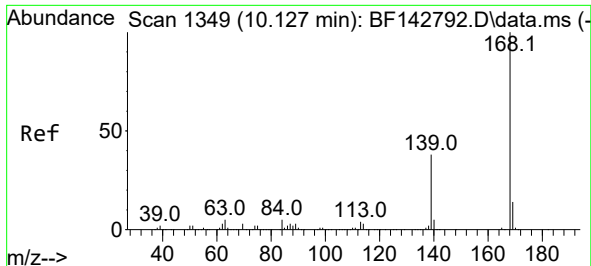
Ion Ratio Lower Upper

184 100

63 62.3 50.6 75.8

154 64.5 51.8 77.8

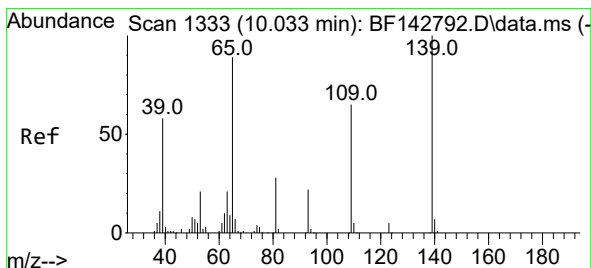
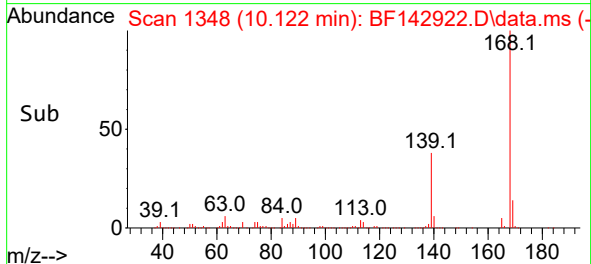
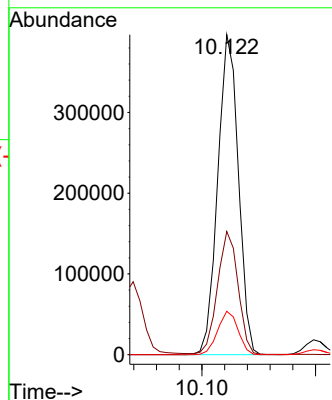
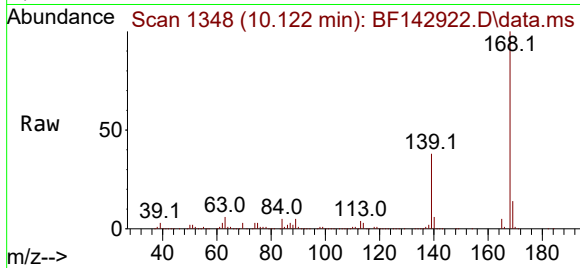




#55  
Dibenzenofuran  
Concen: 43.075 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

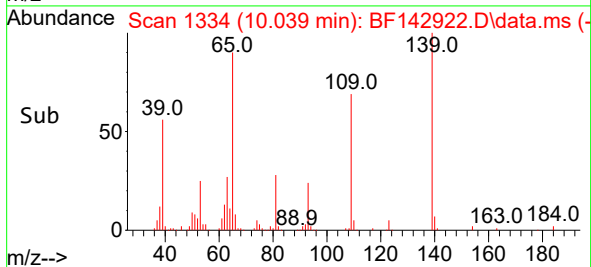
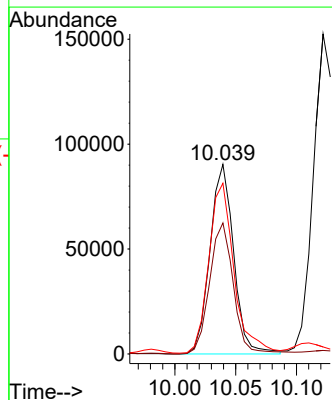
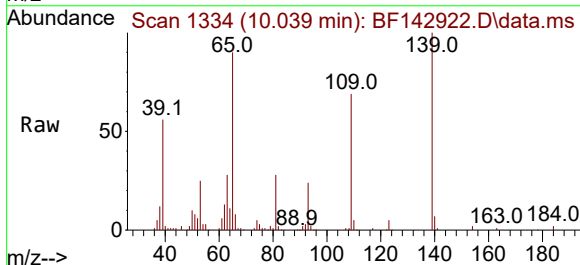
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

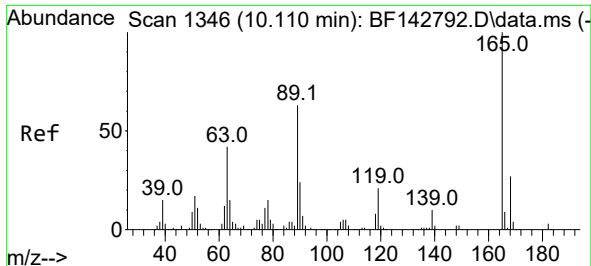
Tgt Ion:168 Resp: 500815  
Ion Ratio Lower Upper  
168 100  
139 38.5 30.2 45.4  
169 13.5 10.8 16.2



#56  
4-Nitrophenol  
Concen: 83.856 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:139 Resp: 122356  
Ion Ratio Lower Upper  
139 100  
109 69.1 44.7 84.7  
65 90.1 69.8 109.8

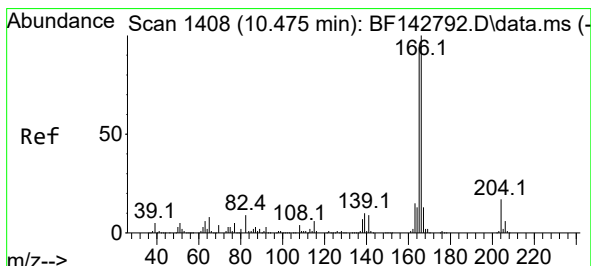
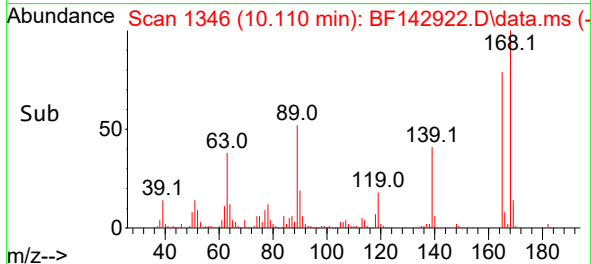
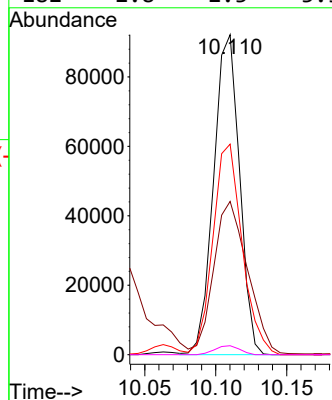
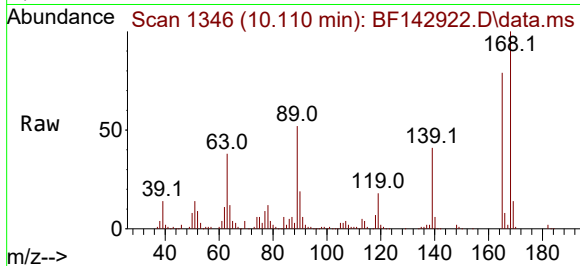




#57  
2,4-Dinitrotoluene  
Concen: 45.352 ng  
RT: 10.110 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

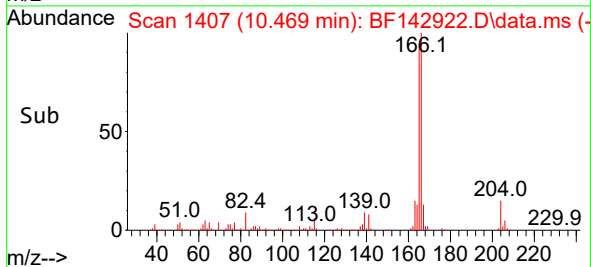
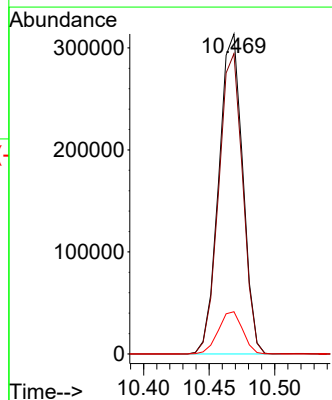
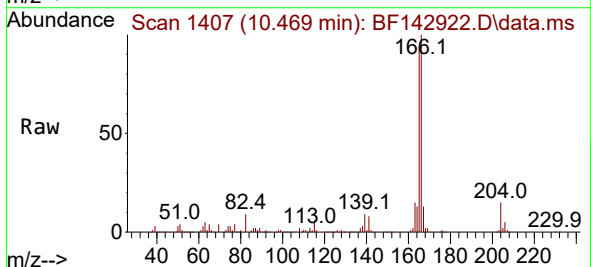
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

Tgt Ion:165 Resp: 116615  
Ion Ratio Lower Upper  
165 100  
63 47.9 33.9 50.9  
89 65.8 50.6 75.8  
182 2.8 2.3 3.5

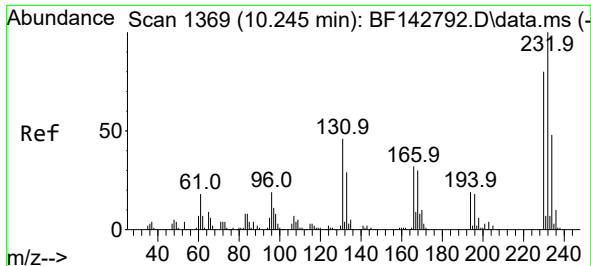


#58  
Fluorene  
Concen: 43.858 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:166 Resp: 398241  
Ion Ratio Lower Upper  
166 100  
165 93.8 75.2 112.8  
167 13.2 10.6 15.8



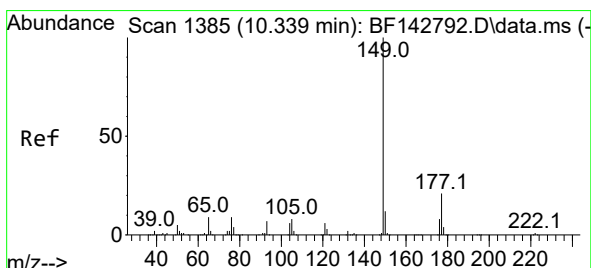
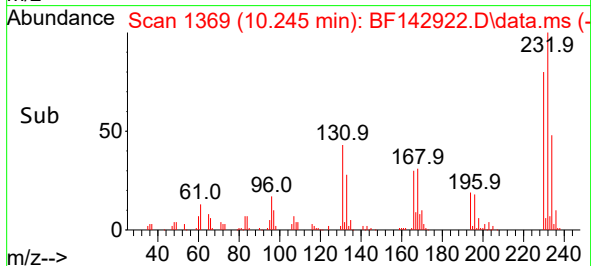
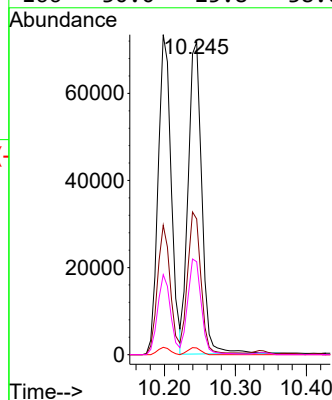
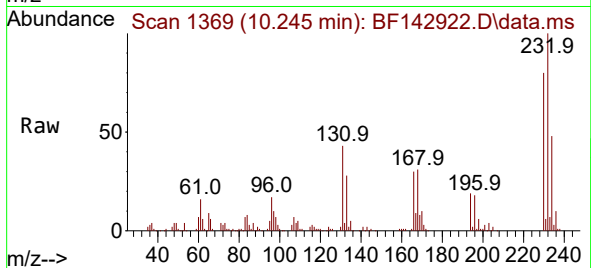




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.951 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

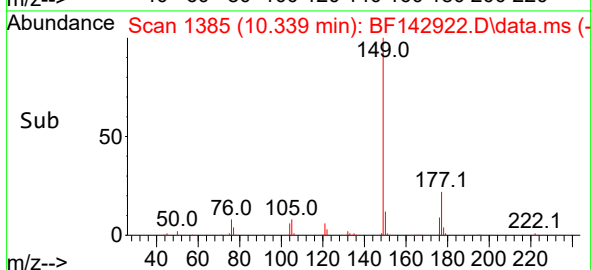
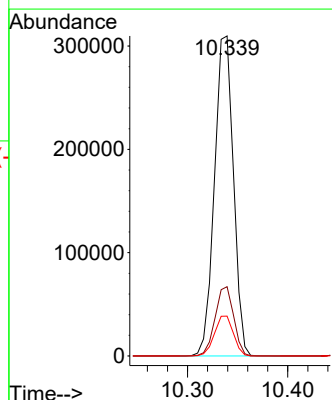
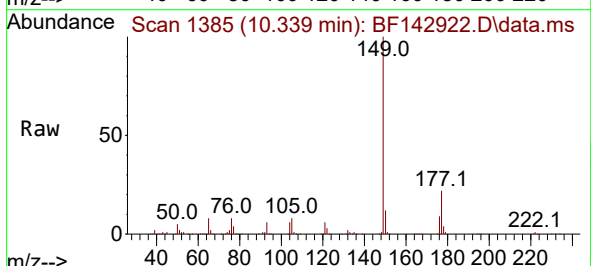
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

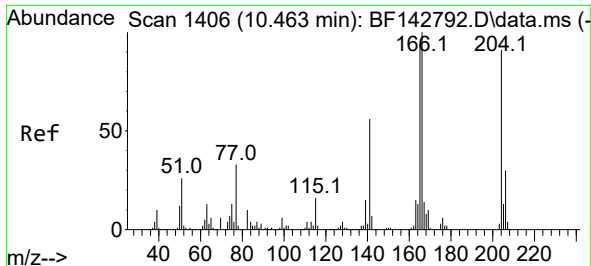
Tgt Ion:232 Resp: 95423  
Ion Ratio Lower Upper  
232 100  
131 44.9 37.6 56.4  
130 2.2 1.7 2.5  
166 30.0 25.8 38.6



#60  
Diethylphthalate  
Concen: 47.107 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:149 Resp: 407136  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.0 25.6  
150 12.5 9.8 14.6

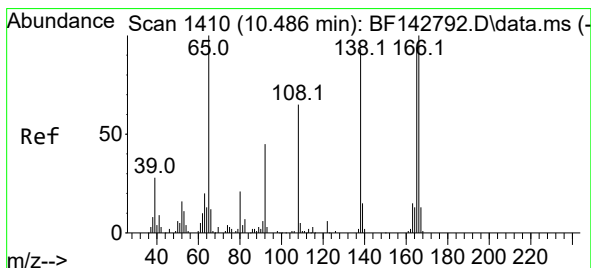
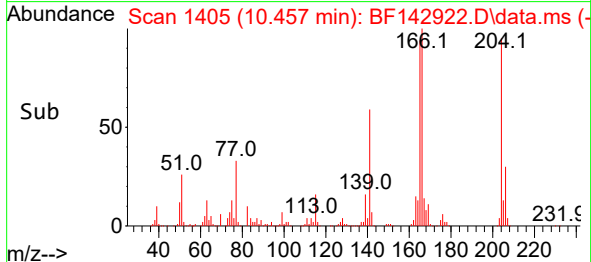
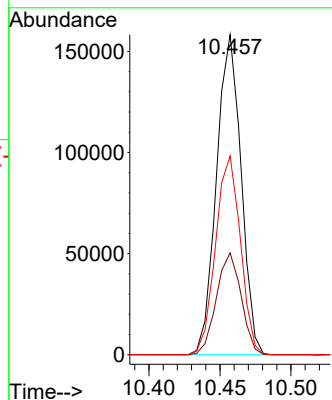
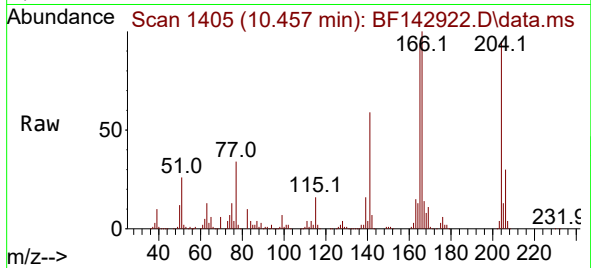




#61  
4-Chlorophenyl-phenylether  
Concen: 43.927 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

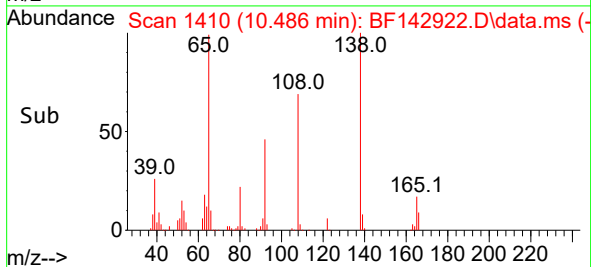
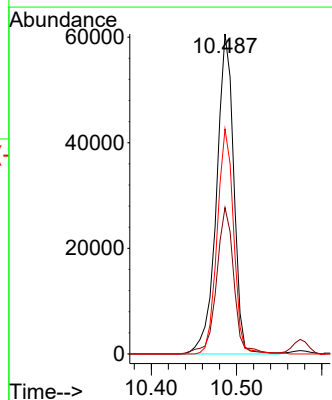
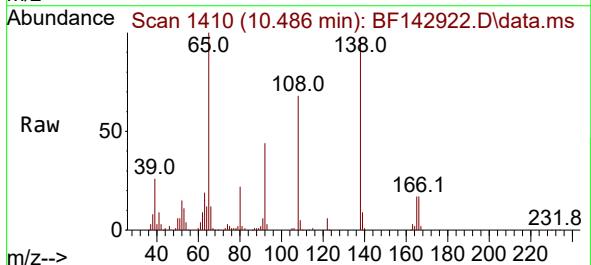
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

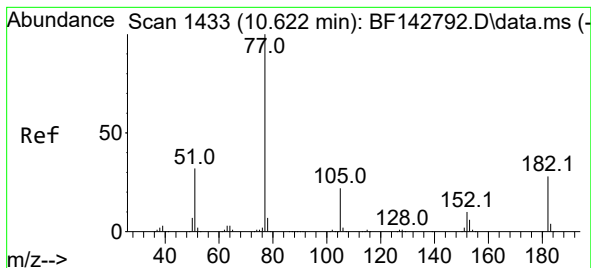
Tgt Ion:204 Resp: 190334  
Ion Ratio Lower Upper  
204 100  
206 31.8 26.3 39.5  
141 62.1 49.1 73.7



#62  
4-Nitroaniline  
Concen: 43.721 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:138 Resp: 85223  
Ion Ratio Lower Upper  
138 100  
92 45.7 28.4 68.4  
108 70.3 50.2 90.2





#63

Azobenzene

Concen: 46.526 ng

RT: 10.616 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

Tgt Ion: 77 Resp: 359391

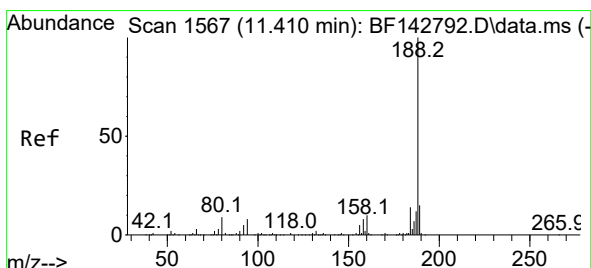
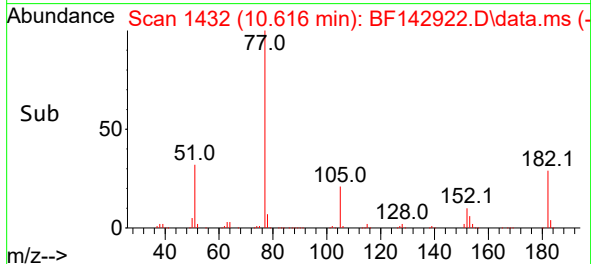
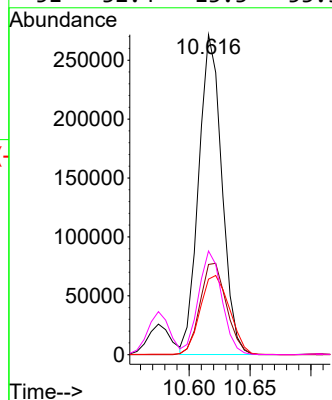
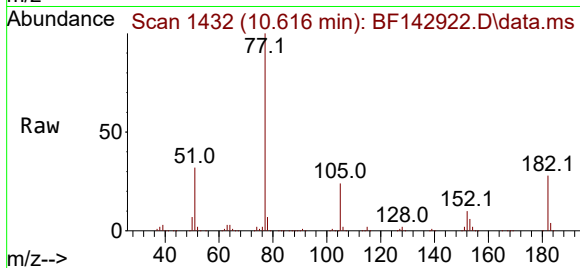
Ion Ratio Lower Upper

77 100

182 28.2 7.7 47.7

105 23.6 1.9 41.9

51 32.4 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

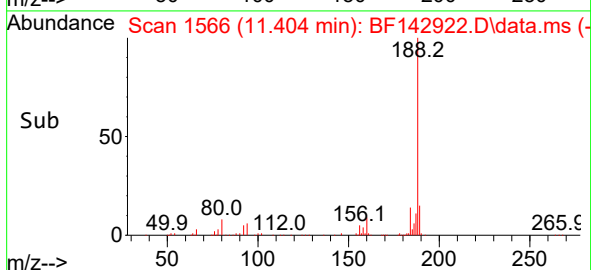
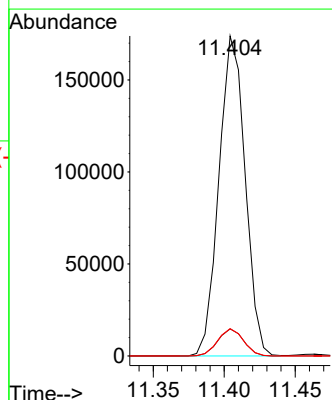
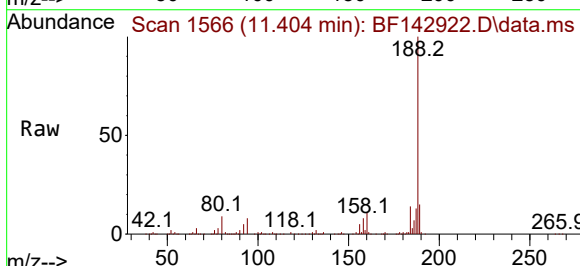
Tgt Ion: 188 Resp: 223120

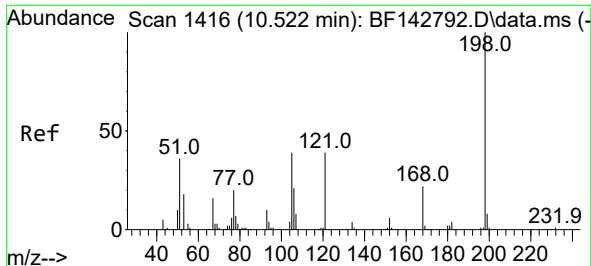
Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

80 8.6 6.9 10.3

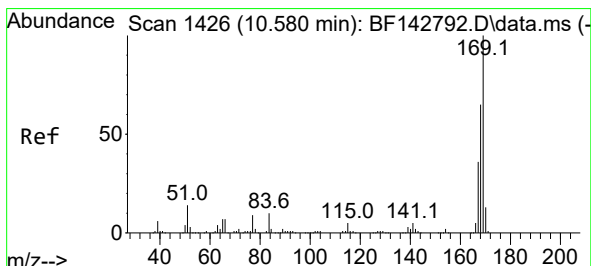
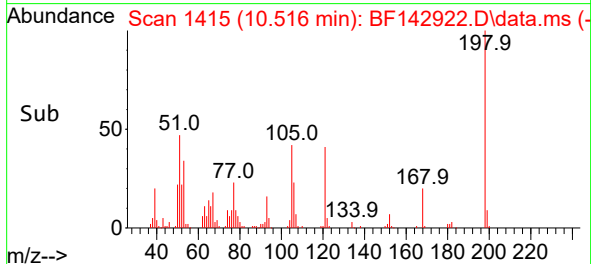
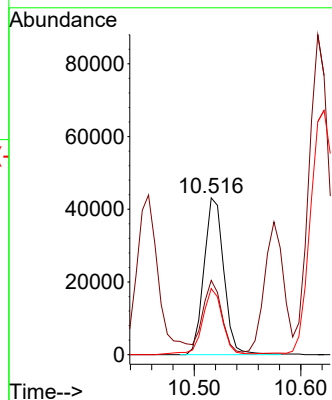
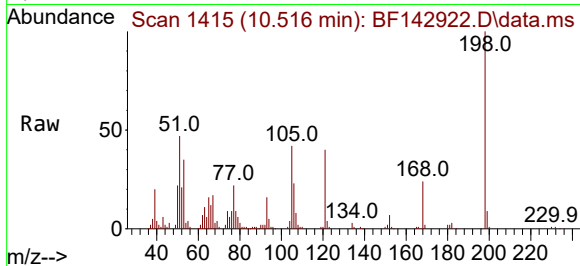




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.474 ng  
RT: 10.516 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

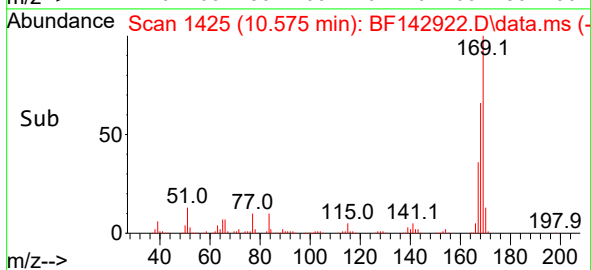
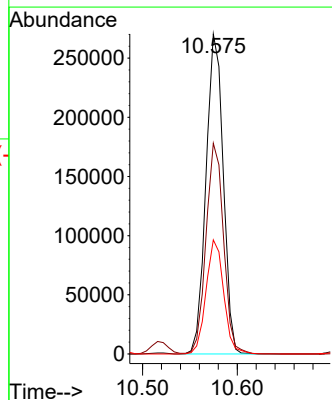
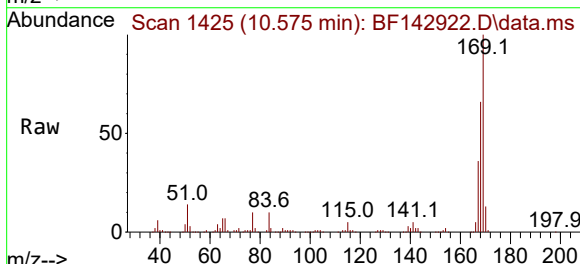
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

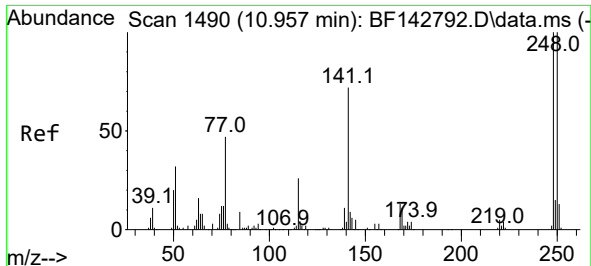
Tgt Ion:198 Resp: 55973  
Ion Ratio Lower Upper  
198 100  
51 47.4 25.4 65.4  
105 42.1 20.4 60.4



#66  
n-Nitrosodiphenylamine  
Concen: 44.145 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:169 Resp: 341361  
Ion Ratio Lower Upper  
169 100  
168 65.9 51.9 77.9  
167 35.6 28.5 42.7

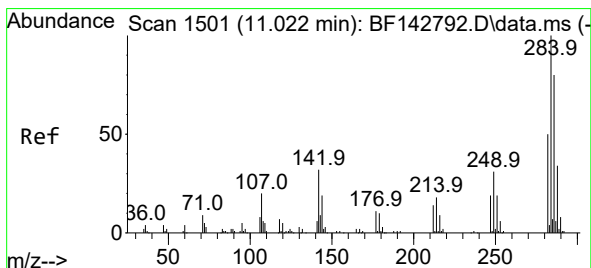
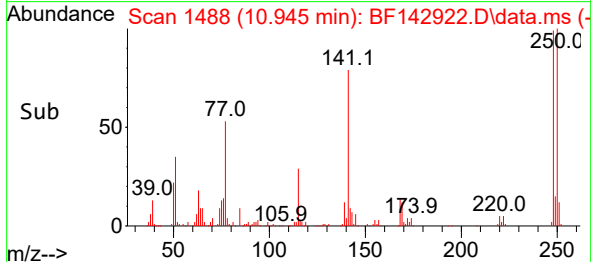
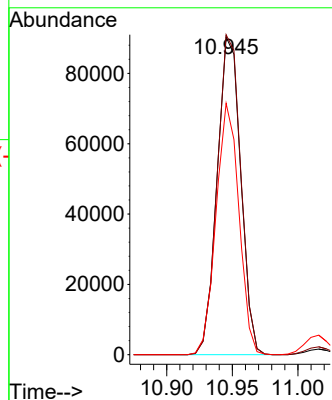
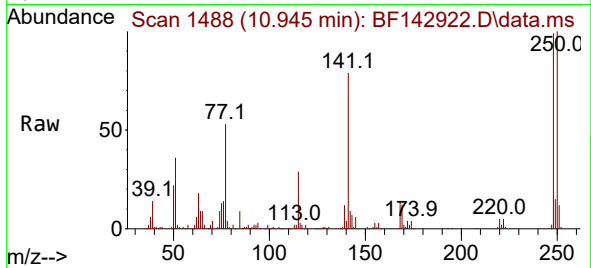




#67  
4-Bromophenyl-phenylether  
Concen: 44.546 ng  
RT: 10.945 min Scan# 1490  
Delta R.T. -0.012 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

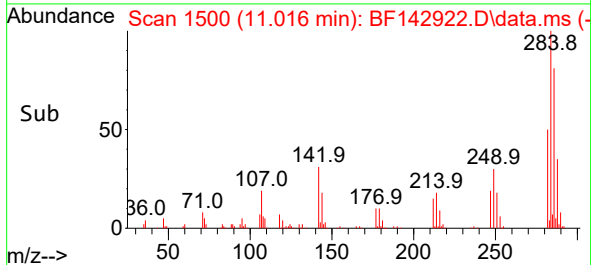
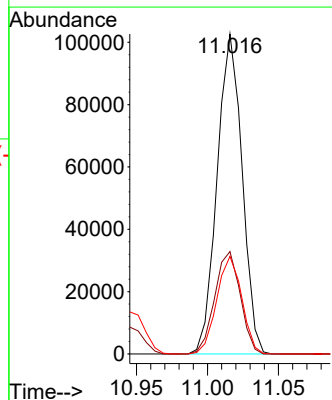
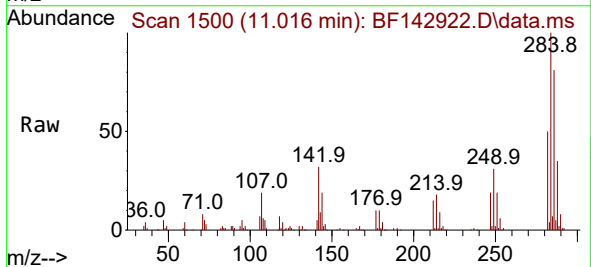
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

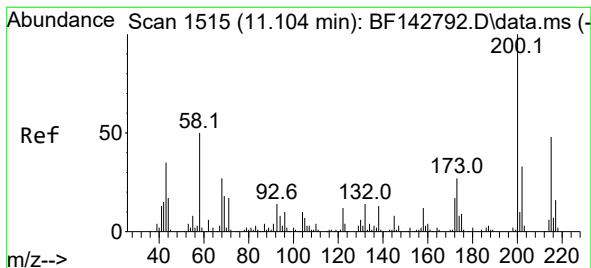
Tgt Ion:248 Resp: 113116  
Ion Ratio Lower Upper  
248 100  
250 100.7 79.8 119.8  
141 79.1 57.8 86.6



#68  
Hexachlorobenzene  
Concen: 44.491 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:284 Resp: 125535  
Ion Ratio Lower Upper  
284 100  
142 32.0 25.5 38.3  
249 30.5 24.9 37.3





#69

Atrazine

Concen: 52.538 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

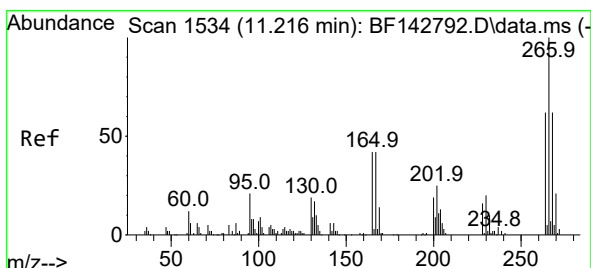
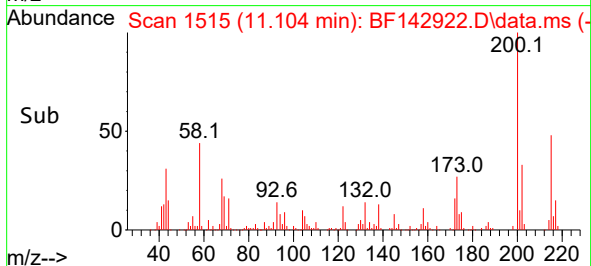
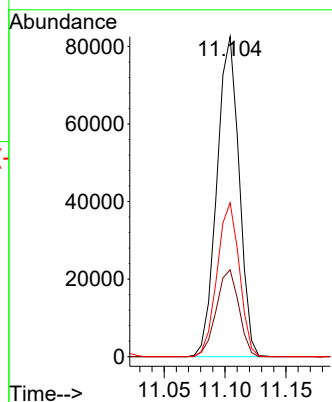
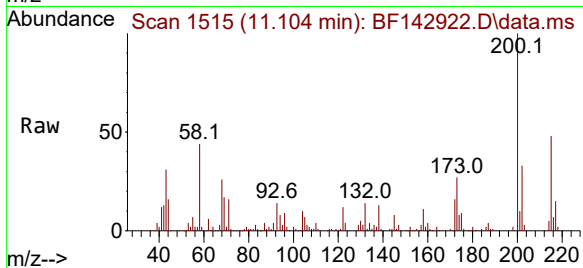
Tgt Ion:200 Resp: 104911

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 48.1 28.4 68.4



#70

Pentachlorophenol

Concen: 80.643 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

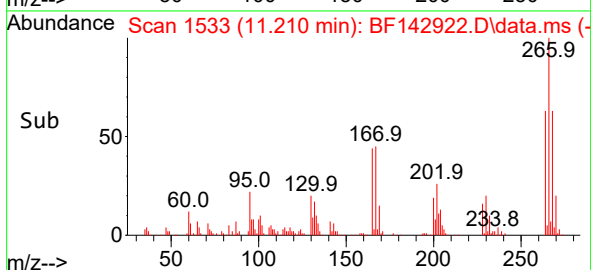
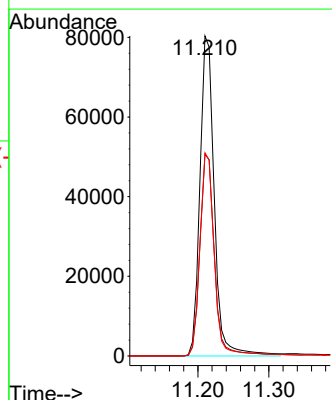
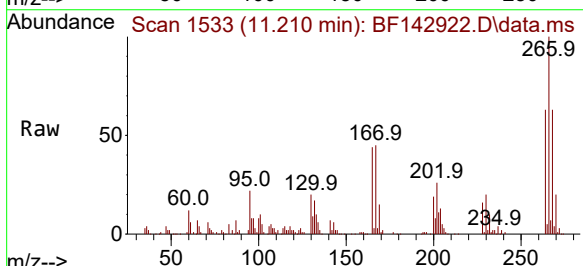
Tgt Ion:266 Resp: 113384

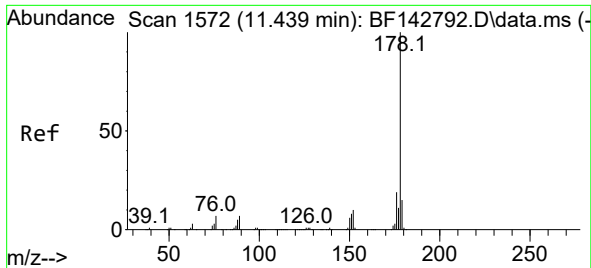
Ion Ratio Lower Upper

266 100

268 63.0 49.8 74.8

264 63.5 49.9 74.9

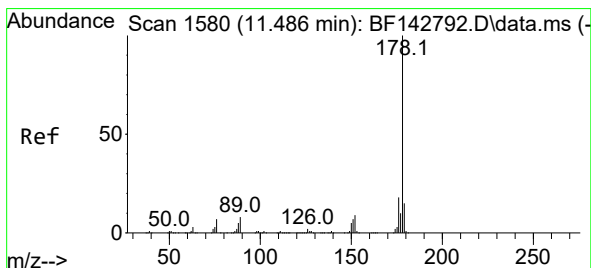
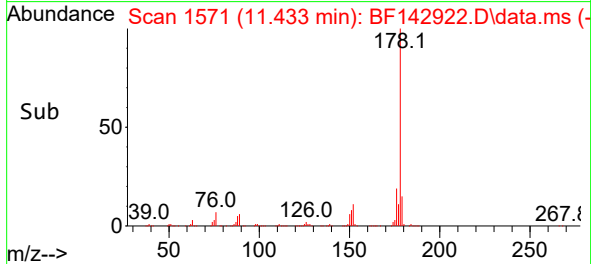
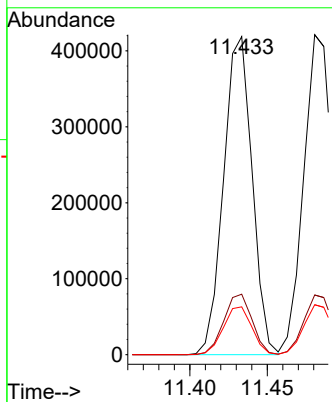
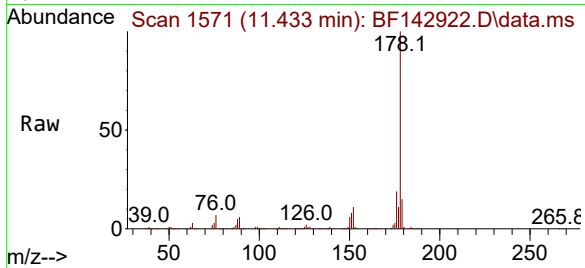




#71  
Phenanthrene  
Concen: 44.383 ng  
RT: 11.433 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

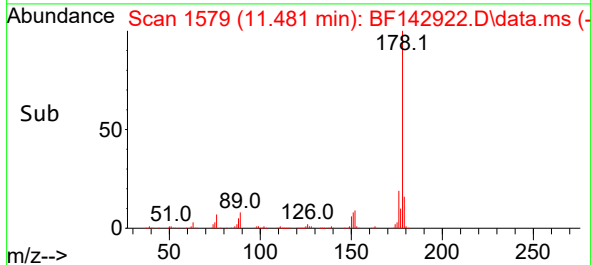
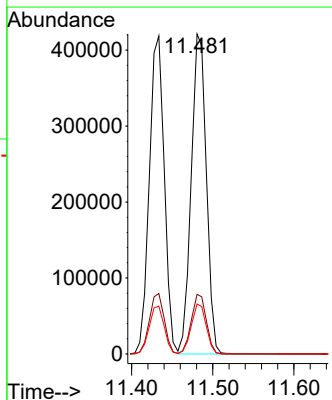
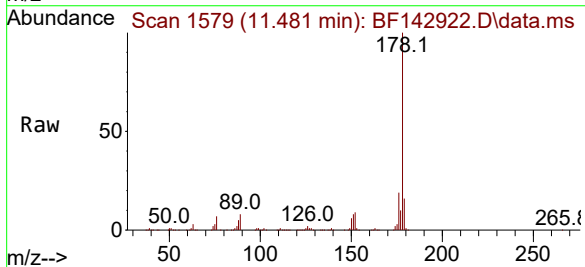
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

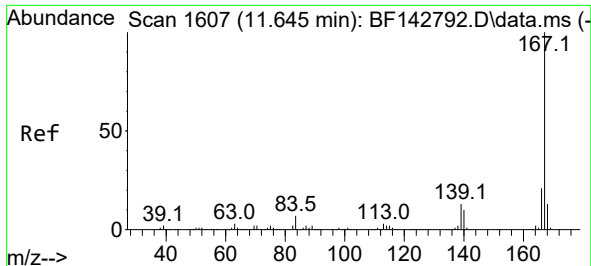
Tgt Ion:178 Resp: 536432  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.1 22.7  
179 15.0 12.0 18.0



#72  
Anthracene  
Concen: 44.065 ng  
RT: 11.481 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:178 Resp: 546217  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.6 21.8  
179 15.6 12.4 18.6

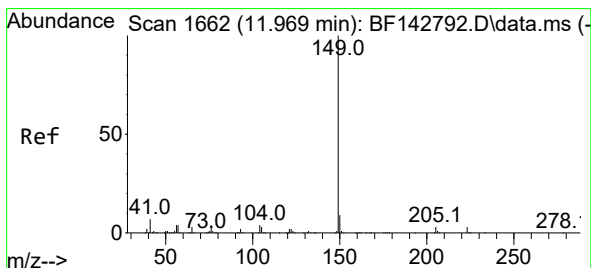
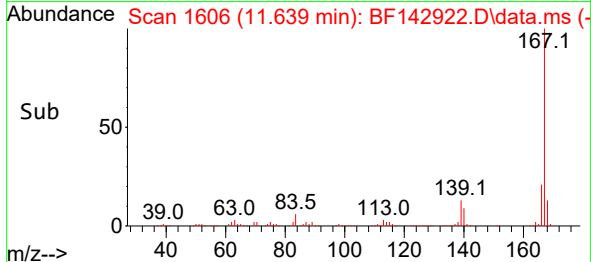
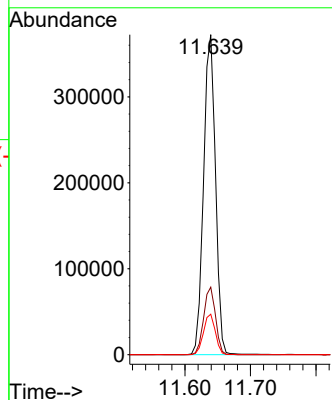
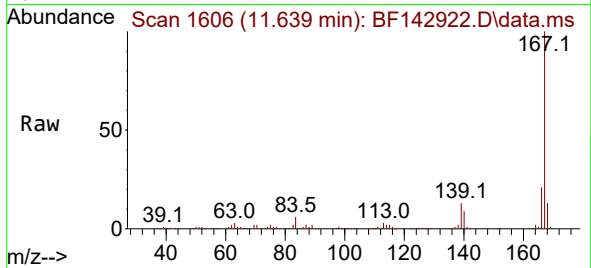




#73  
 Carbazole  
 Concen: 44.097 ng  
 RT: 11.639 min Scan# 1606  
 Delta R.T. -0.006 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

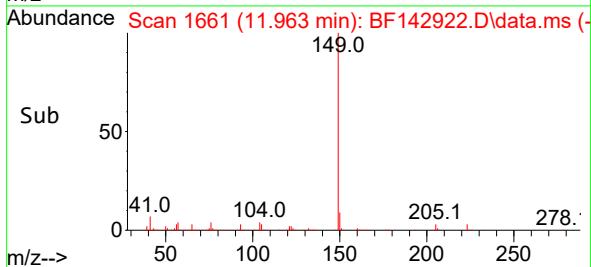
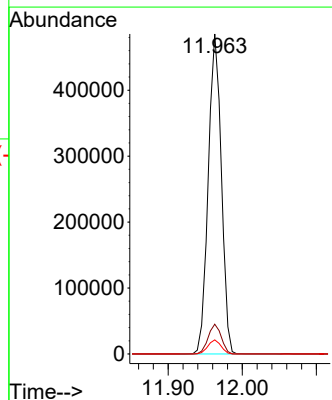
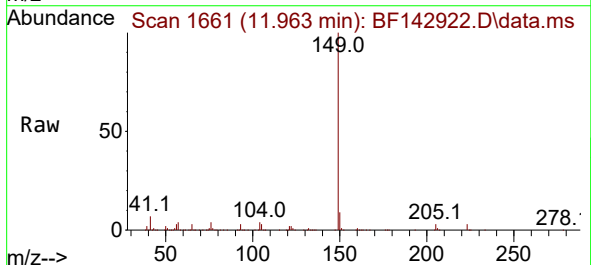
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-E/FMSD

Tgt Ion:167 Resp: 471711  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.0 25.4  
 139 12.7 10.2 15.2

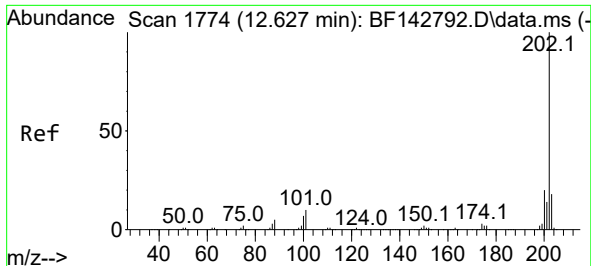


#74  
 Di-n-butylphthalate  
 Concen: 53.390 ng  
 RT: 11.963 min Scan# 1661  
 Delta R.T. -0.006 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

Tgt Ion:149 Resp: 594954  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 4.4 3.5 5.3



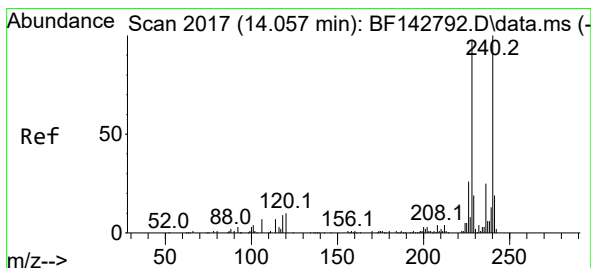
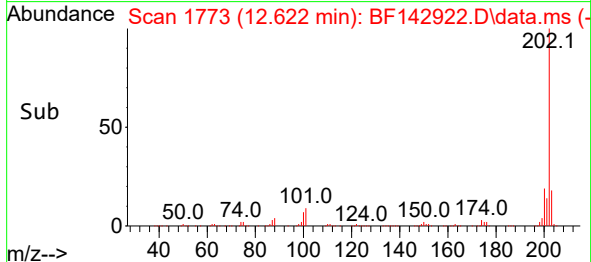
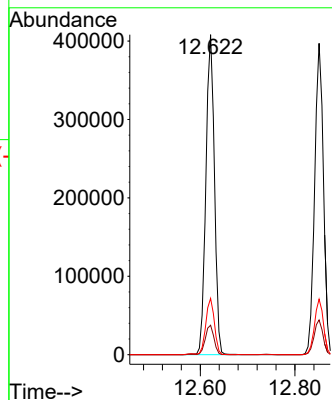
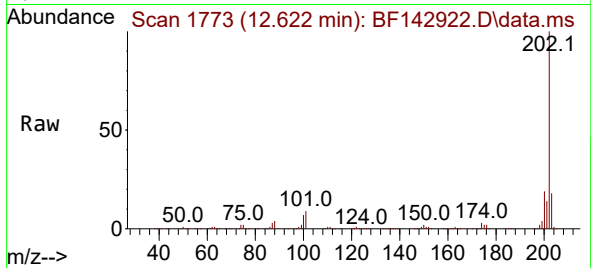




#75  
 Fluoranthene  
 Concen: 44.633 ng  
 RT: 12.622 min Scan# 1  
 Delta R.T. -0.006 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

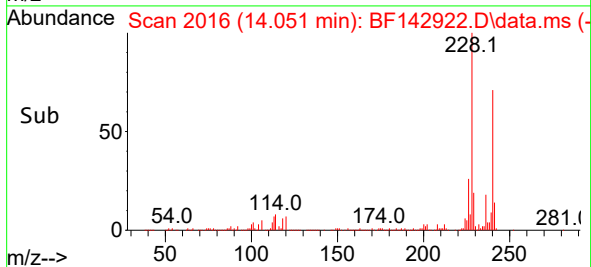
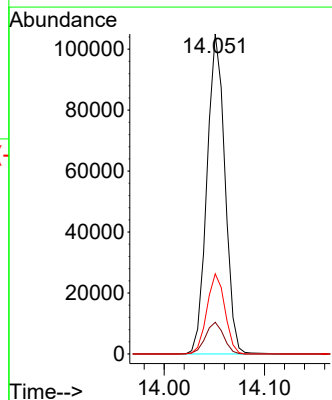
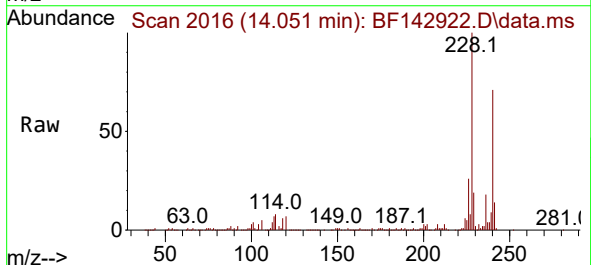
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-E/FMSD

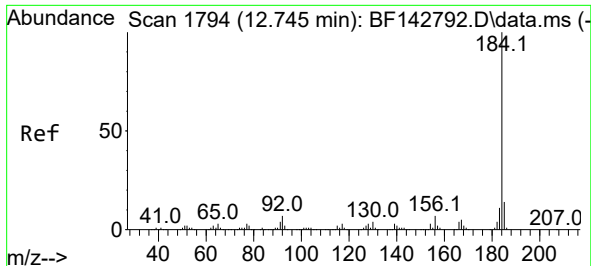
Tgt Ion:202 Resp: 511971  
 Ion Ratio Lower Upper  
 202 100  
 101 9.2 0.0 29.7  
 203 17.6 0.0 37.5



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.051 min Scan# 2016  
 Delta R.T. -0.006 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

Tgt Ion:240 Resp: 130553  
 Ion Ratio Lower Upper  
 240 100  
 120 9.9 8.2 12.2  
 236 25.0 19.8 29.8

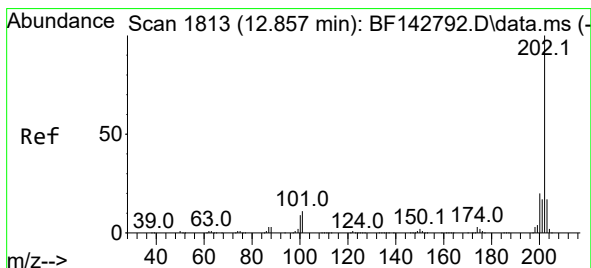
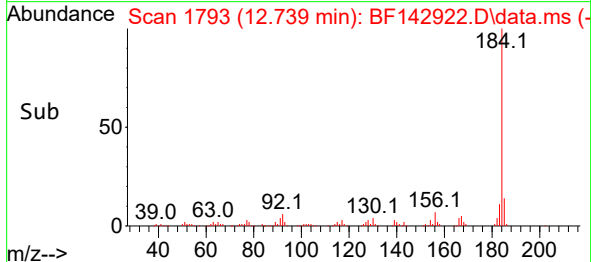
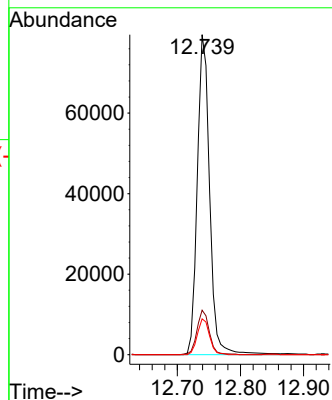
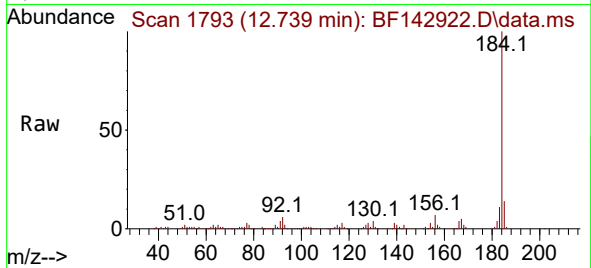




#77  
Benzidine  
Concen: 21.920 ng  
RT: 12.739 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

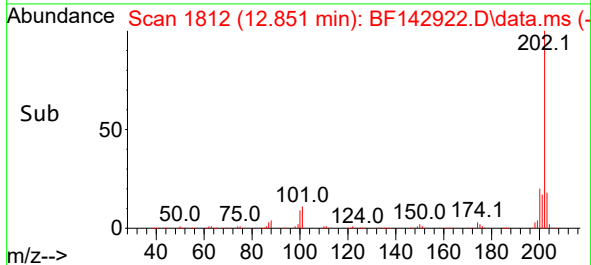
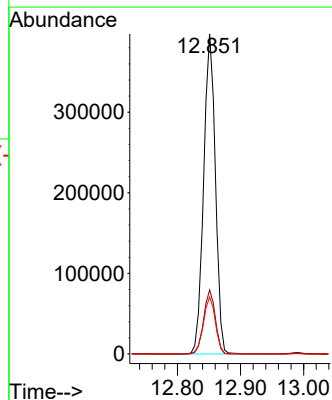
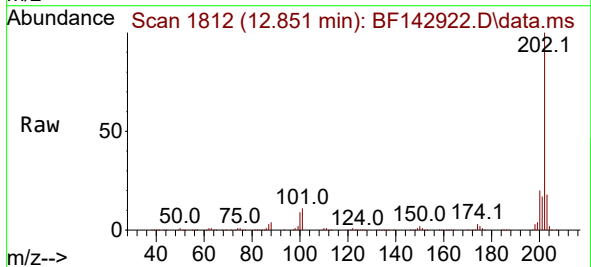
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

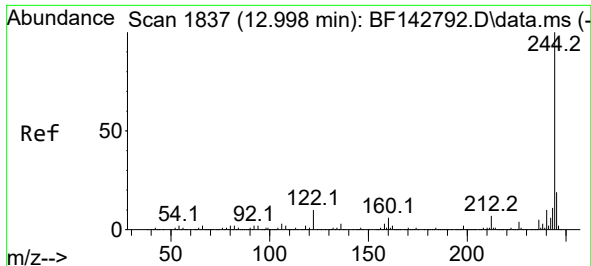
Tgt Ion:184 Resp: 107520  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.5 17.3  
183 11.2 9.0 13.4



#78  
Pyrene  
Concen: 41.933 ng  
RT: 12.851 min Scan# 1812  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:202 Resp: 513149  
Ion Ratio Lower Upper  
202 100  
200 20.0 15.7 23.5  
203 17.9 13.8 20.6

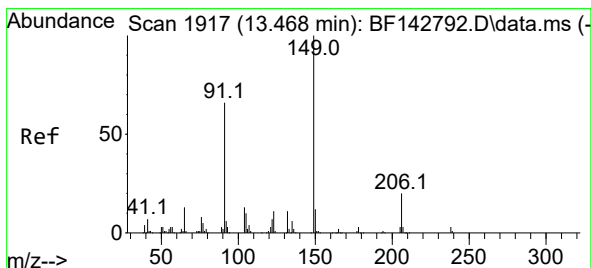
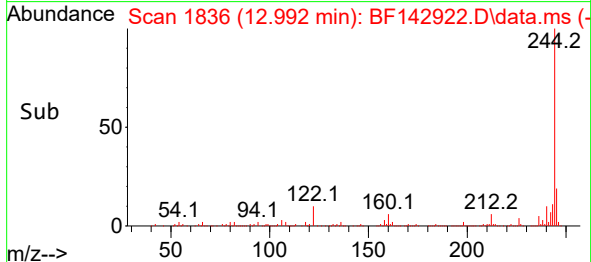
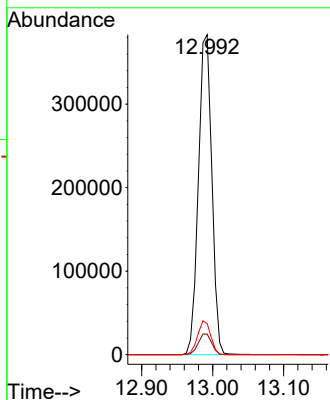
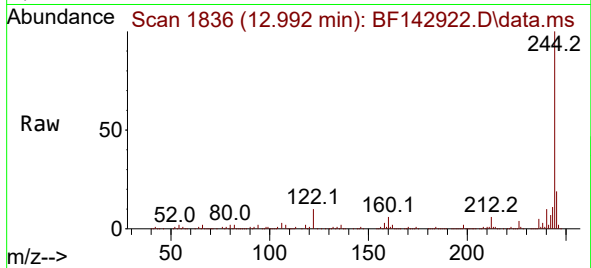




#79  
 Terphenyl-d14  
 Concen: 53.469 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.006 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

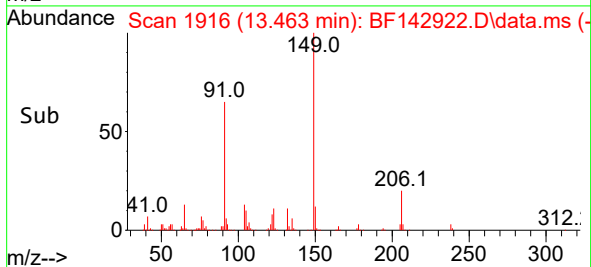
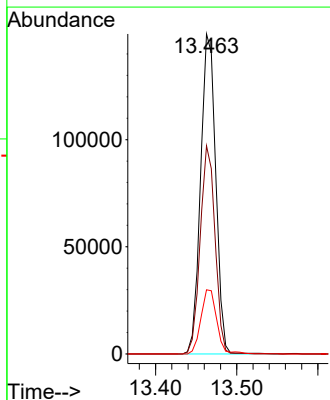
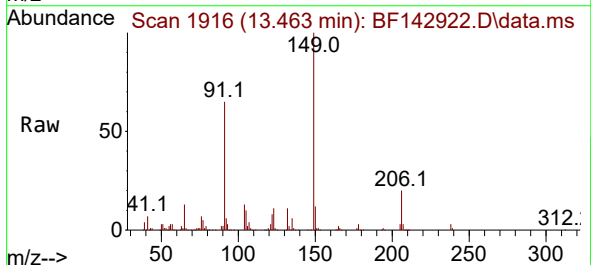
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-E/FMSD

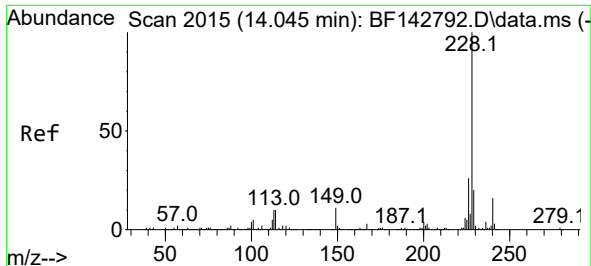
Tgt Ion:244 Resp: 505216  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.4 8.0  
 122 9.7 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 54.434 ng  
 RT: 13.463 min Scan# 1916  
 Delta R.T. -0.006 min  
 Lab File: BF142922.D  
 Acq: 30 Jun 2025 18:43

Tgt Ion:149 Resp: 193223  
 Ion Ratio Lower Upper  
 149 100  
 91 65.1 52.9 79.3  
 206 20.0 16.3 24.5

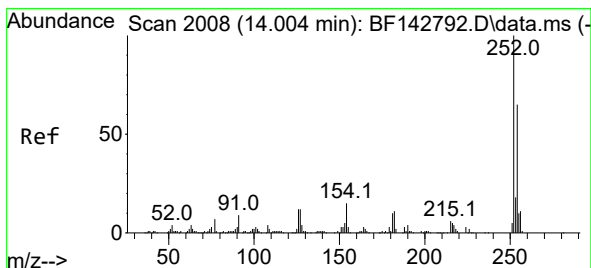
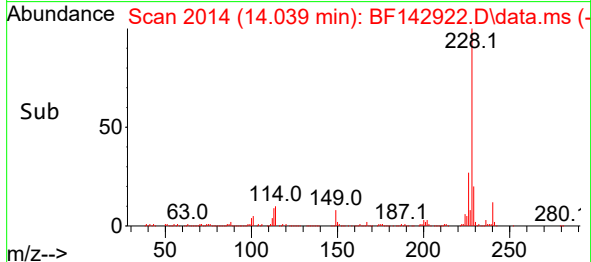
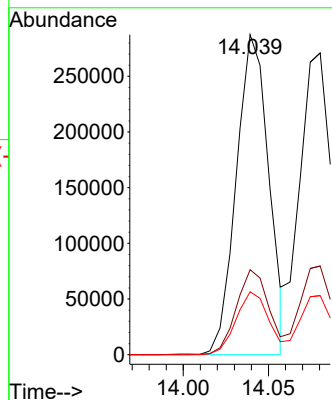
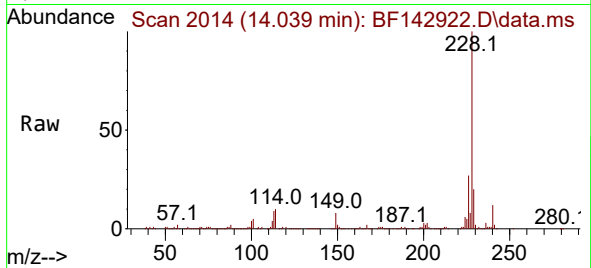




#81  
Benzo(a)anthracene  
Concen: 43.186 ng  
RT: 14.039 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

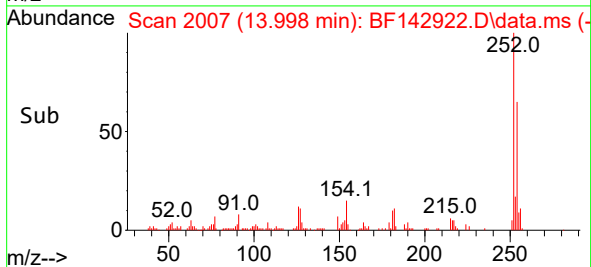
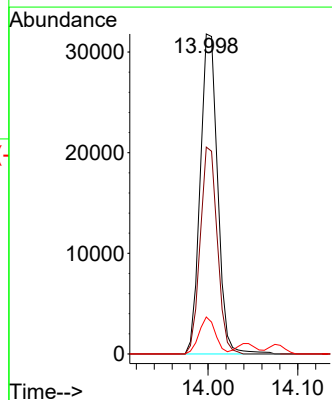
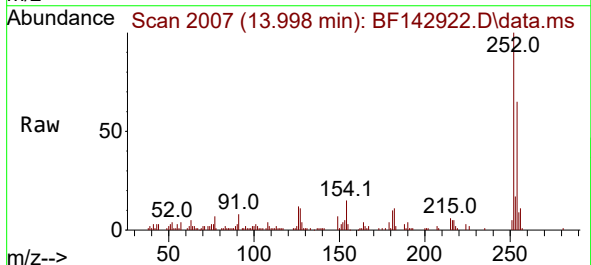
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

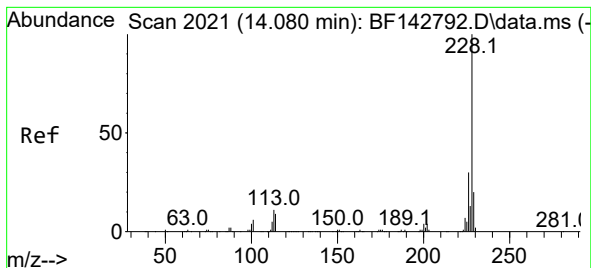
Tgt Ion:228 Resp: 380347  
Ion Ratio Lower Upper  
228 100  
226 26.6 21.2 31.8  
229 19.7 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 14.983 ng  
RT: 13.998 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:252 Resp: 42802  
Ion Ratio Lower Upper  
252 100  
254 64.6 51.7 77.5  
126 11.6 9.4 14.2





#83

Chrysene

Concen: 45.577 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

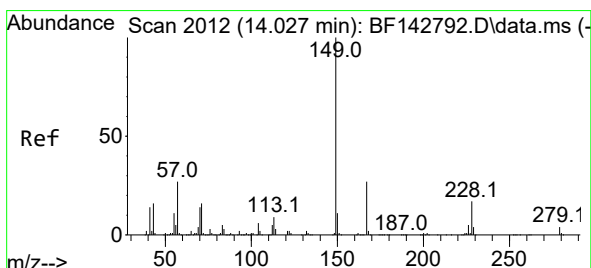
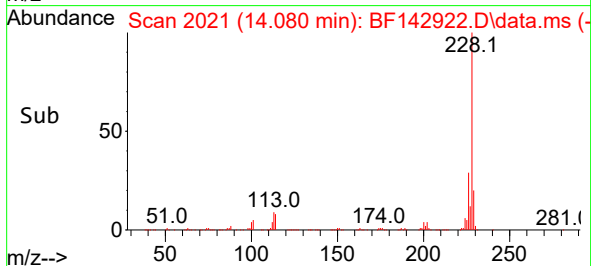
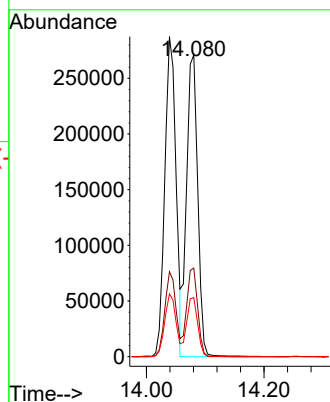
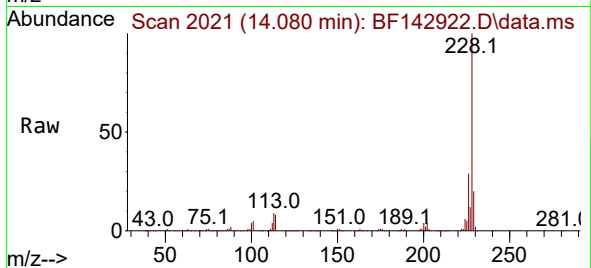
Tgt Ion:228 Resp: 358185

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.288 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

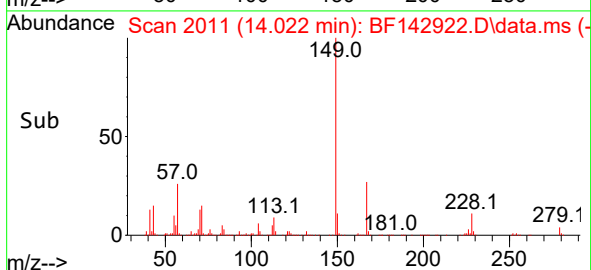
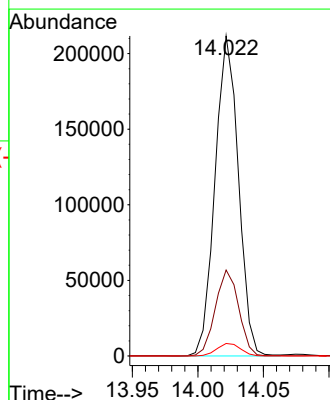
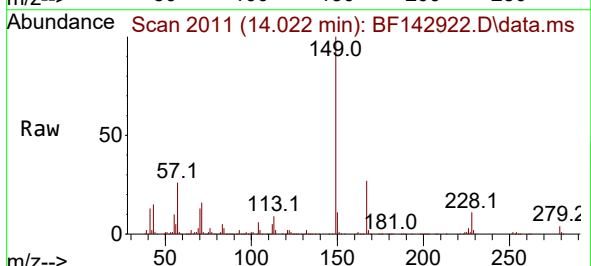
Tgt Ion:149 Resp: 261938

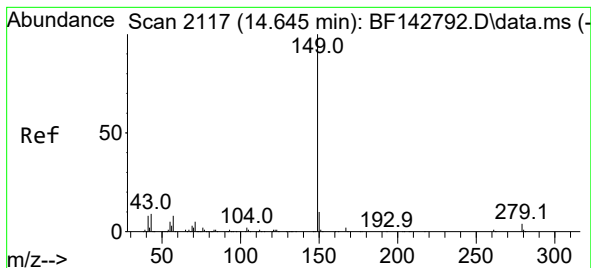
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.829 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

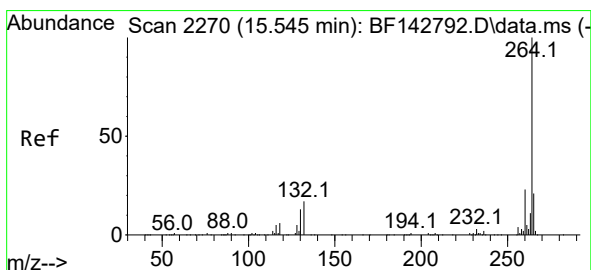
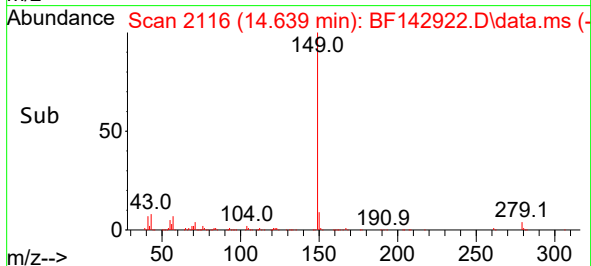
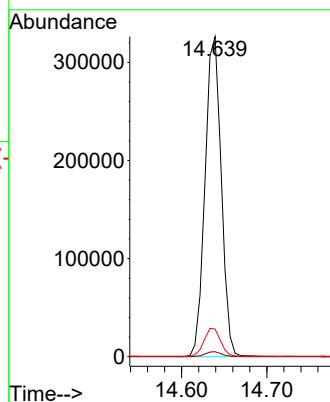
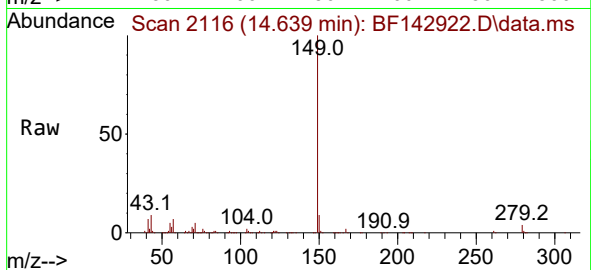
Tgt Ion:149 Resp: 431716

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

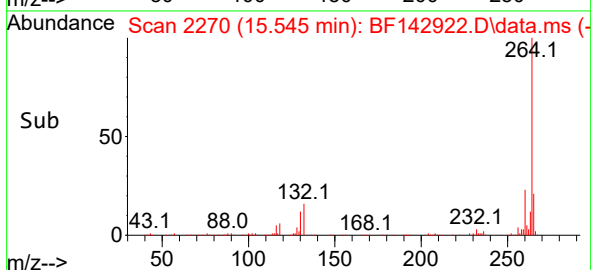
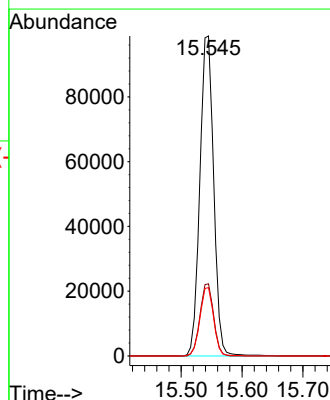
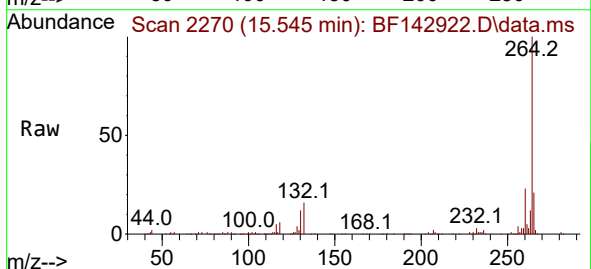
Tgt Ion:264 Resp: 155370

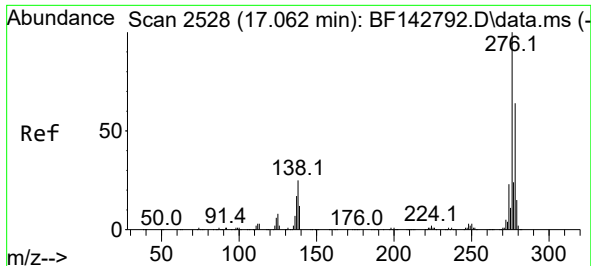
Ion Ratio Lower Upper

264 100

260 22.6 18.1 27.1

265 21.4 16.6 25.0

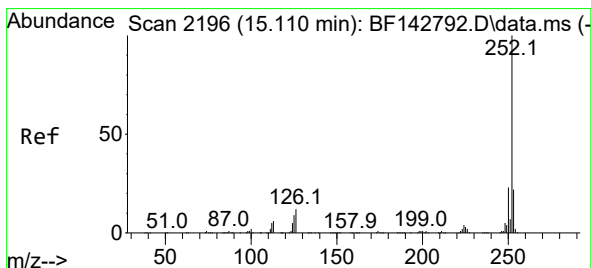
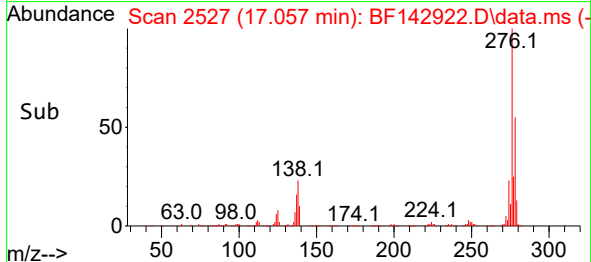
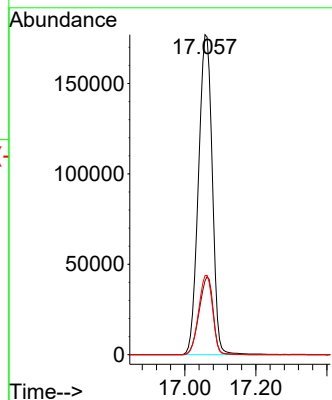
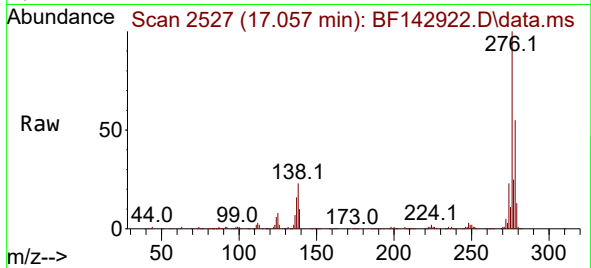




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.454 ng  
RT: 17.057 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

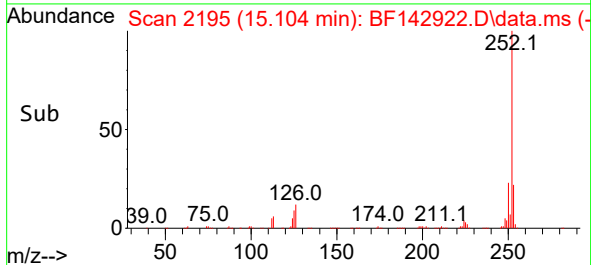
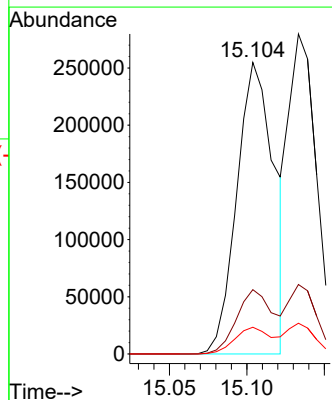
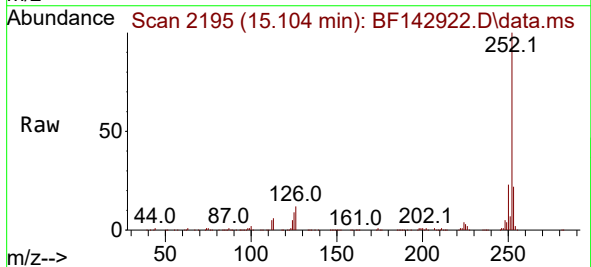
Instrument :  
BNA\_F  
ClientSampleId :  
MH-E/FMSD

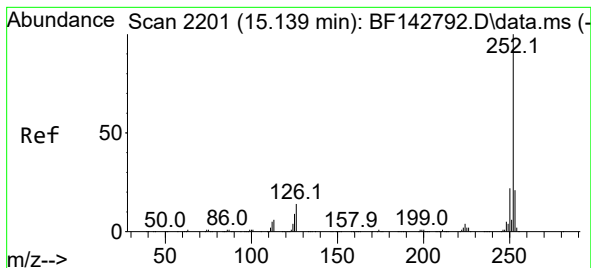
Tgt Ion:276 Resp: 478743  
Ion Ratio Lower Upper  
276 100  
138 24.6 20.2 30.4  
277 25.1 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 47.347 ng  
RT: 15.104 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BF142922.D  
Acq: 30 Jun 2025 18:43

Tgt Ion:252 Resp: 425666  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.871 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

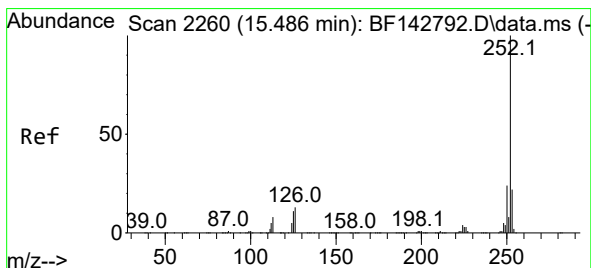
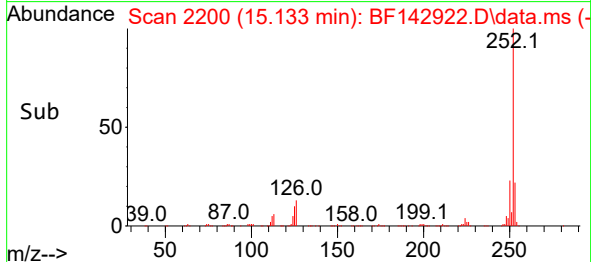
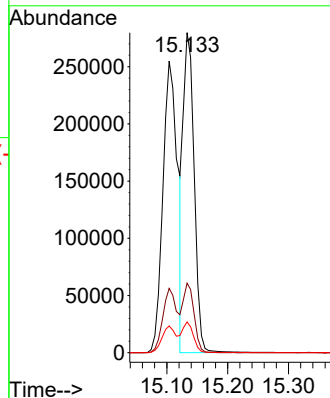
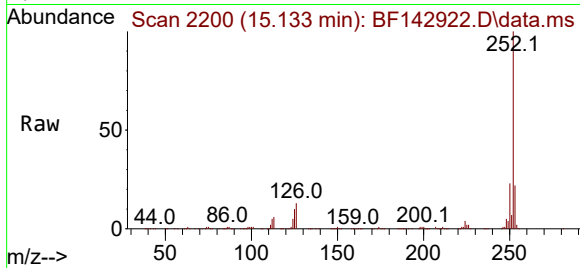
Tgt Ion:252 Resp: 352185

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.980 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

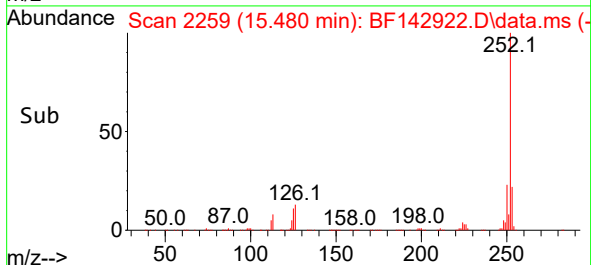
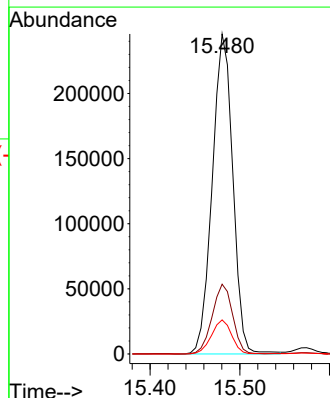
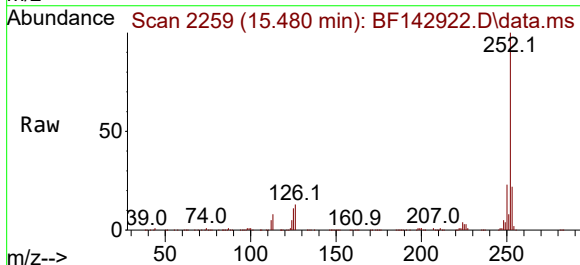
Tgt Ion:252 Resp: 390663

Ion Ratio Lower Upper

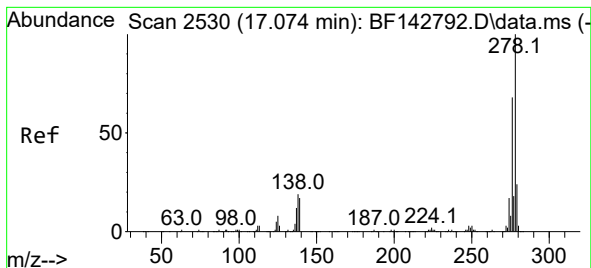
252 100

253 21.8 17.5 26.3

125 10.7 8.6 12.8







#91

Dibenzo(a,h)anthracene

Concen: 40.378 ng

RT: 17.074 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

MH-E/FMSD

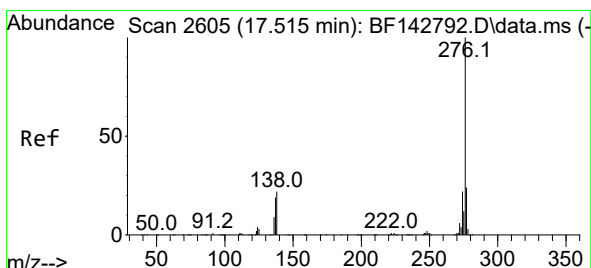
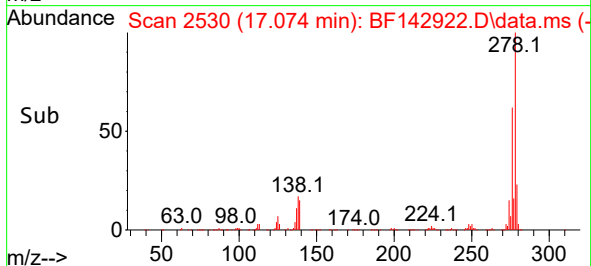
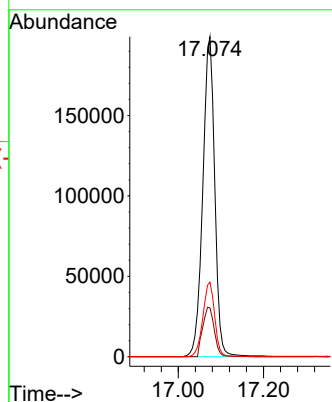
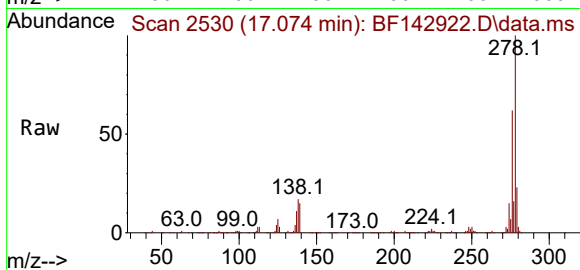
Tgt Ion:278 Resp: 388256

Ion Ratio Lower Upper

278 100

139 15.3 13.5 20.3

279 23.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 39.524 ng

RT: 17.515 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF142922.D

Acq: 30 Jun 2025 18:43

Tgt Ion:276 Resp: 378974

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.5 17.6 26.4

