

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101725\  
 Data File : BF143984.D  
 Acq On : 17 Oct 2025 14:43  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 17 16:26:40 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 156623   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 566623   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 278942   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 461614   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.069 | 240  | 286617   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.551 | 264  | 311878   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 801872   | 81.301 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 914059   | 77.751 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 767518   | 82.295 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 226809   | 81.635 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1286763  | 73.197 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1308721  | 78.038 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 182945   | 40.084 | ng    | 97       |
| 3) Pyridine                   | 3.405  | 79   | 548961   | 41.316 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 278029   | 39.778 | ng    | 95       |
| 6) Aniline                    | 6.546  | 93   | 671999   | 38.146 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 391285   | 40.585 | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 372156   | 41.037 | ng    | 99       |
| 10) Phenol                    | 6.528  | 94   | 573406   | 40.798 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 432796   | 39.863 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 447023   | 38.735 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 444550   | 39.051 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 428361   | 39.285 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 333987   | 37.917 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 942813   | 38.150 | ng    | 100      |
| 17) 2-Methylphenol            | 7.134  | 107  | 300923   | 37.768 | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 155589   | 40.983 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 258435   | 32.115 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 327990   | 35.518 | ng    | 92       |
| 22) Acetophenone              | 7.298  | 105  | 431324   | 36.001 | ng    | 98       |
| 24) Nitrobenzene              | 7.469  | 77   | 429240   | 41.444 | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 704001   | 35.799 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.781  | 139  | 204473   | 46.048 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 305369   | 38.230 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 443313   | 35.687 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 314783   | 37.833 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 339080   | 41.438 | ng    | 99       |
| 31) Naphthalene               | 8.193  | 128  | 967526   | 37.537 | ng    | 99       |
| 32) Benzoic acid              | 7.934  | 122  | 203083   | 36.736 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 342115   | 35.390 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 231323   | 40.682 | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 92289    | 34.885 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 282692   | 35.371 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 615393   | 35.842 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 579247   | 34.781 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 318829   | 41.355 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 111331   | 34.808 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 222532   | 39.505 | ng    | 97       |

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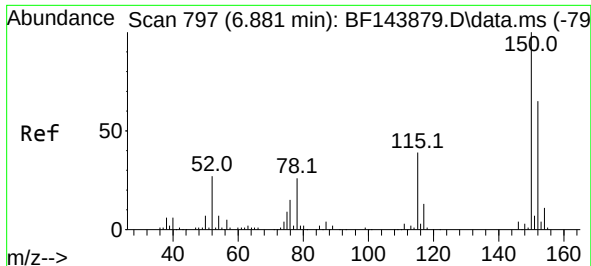
Quant Time: Oct 17 16:26:40 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.198  | 196  | 244412   | 41.058 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.345  | 154  | 706340   | 38.246 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.369  | 162  | 613272   | 39.827 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.463  | 65   | 206912   | 42.502 | ng    | 99       |
| 49) Acenaphthylene             | 9.787  | 152  | 824641   | 38.094 | ng    | 99       |
| 50) Dimethylphthalate          | 9.639  | 163  | 686911   | 38.778 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.704  | 165  | 150191   | 45.724 | ng    | 96       |
| 52) Acenaphthene               | 9.957  | 154  | 546398   | 38.520 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.875  | 138  | 168048   | 41.782 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.986  | 184  | 69751    | 38.380 | ng    | 93       |
| 55) Dibenzofuran               | 10.134 | 168  | 768388   | 38.374 | ng    | 97       |
| 56) 4-Nitrophenol              | 10.034 | 139  | 115766   | 38.015 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.110 | 165  | 196974   | 44.073 | ng    | 97       |
| 58) Fluorene                   | 10.475 | 166  | 572032   | 37.860 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.251 | 232  | 165942   | 39.380 | ng    | # 96     |
| 60) Diethylphthalate           | 10.345 | 149  | 625668   | 38.019 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.463 | 204  | 310943   | 38.926 | ng    | 100      |
| 62) 4-Nitroaniline             | 10.492 | 138  | 156780   | 40.536 | ng    | 94       |
| 63) Azobenzene                 | 10.628 | 77   | 667677   | 38.820 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 10.522 | 198  | 110141   | 47.480 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.586 | 169  | 568648   | 39.233 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.957 | 248  | 205930   | 40.366 | ng    | 98       |
| 68) Hexachlorobenzene          | 11.022 | 284  | 239195   | 40.500 | ng    | 99       |
| 69) Atrazine                   | 11.110 | 200  | 169754   | 38.641 | ng    | 97       |
| 70) Pentachlorophenol          | 11.222 | 266  | 127614   | 37.622 | ng    | 97       |
| 71) Phenanthrene               | 11.439 | 178  | 864978   | 38.651 | ng    | 100      |
| 72) Anthracene                 | 11.492 | 178  | 872658   | 38.599 | ng    | 99       |
| 73) Carbazole                  | 11.645 | 167  | 762337   | 38.072 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.975 | 149  | 930145   | 40.081 | ng    | 99       |
| 75) Fluoranthene               | 12.633 | 202  | 891783   | 38.579 | ng    | 99       |
| 77) Benzidine                  | 12.757 | 184  | 328763   | 33.035 | ng    | 98       |
| 78) Pyrene                     | 12.863 | 202  | 908439   | 38.018 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.480 | 149  | 333959   | 43.034 | ng    | 98       |
| 81) Benzo(a)anthracene         | 14.057 | 228  | 756604   | 40.339 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.016 | 252  | 240929   | 42.150 | ng    | 98       |
| 83) Chrysene                   | 14.092 | 228  | 701361   | 40.402 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha...  | 14.039 | 149  | 433781   | 46.371 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.657 | 149  | 754279   | 49.093 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 17.057 | 276  | 849811   | 44.469 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.116 | 252  | 702798   | 39.229 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.145 | 252  | 657259   | 39.648 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.486 | 252  | 628775   | 40.477 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.074 | 278  | 673892   | 43.846 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.515 | 276  | 674970   | 43.916 | ng    | 99       |

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

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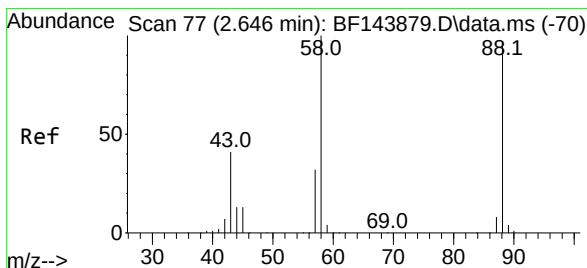
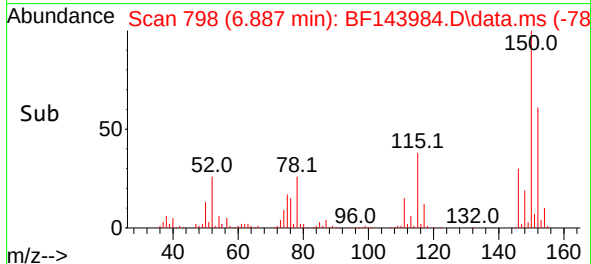
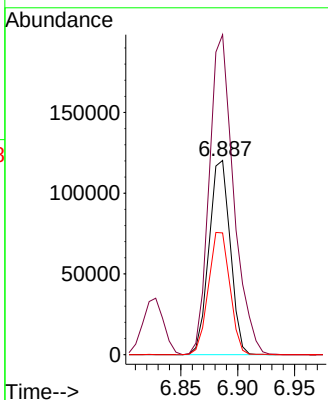
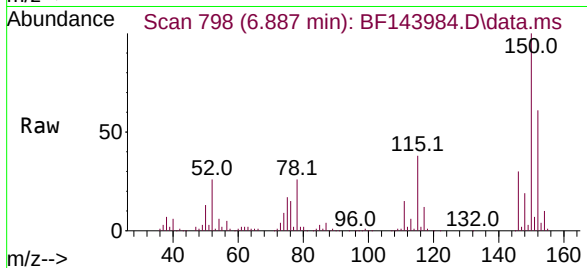




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 79  
Delta R.T. 0.001 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

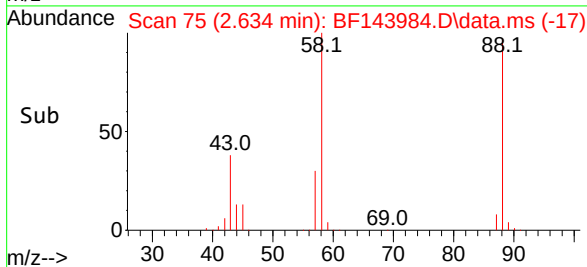
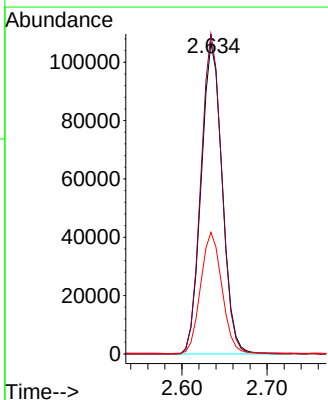
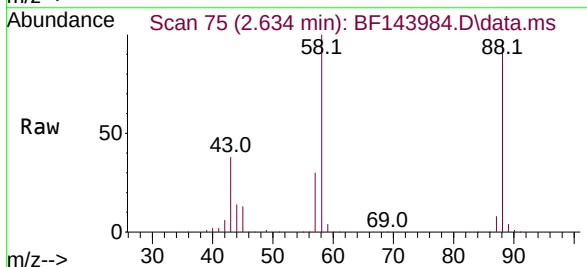
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

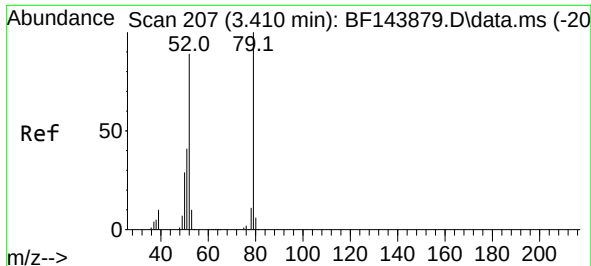
Tgt Ion:152 Resp: 156623  
Ion Ratio Lower Upper  
152 100  
150 164.8 124.4 186.6  
115 62.6 48.1 72.1



#2  
1,4-Dioxane  
Concen: 40.084 ng  
RT: 2.634 min Scan# 75  
Delta R.T. -0.012 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

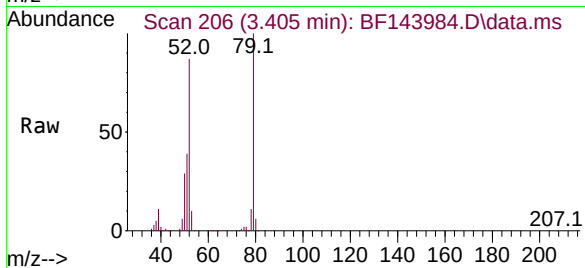
Tgt Ion: 88 Resp: 182945  
Ion Ratio Lower Upper  
88 100  
58 102.0 83.0 124.6  
43 39.3 33.9 50.9



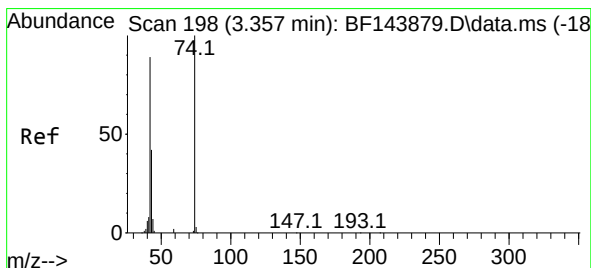
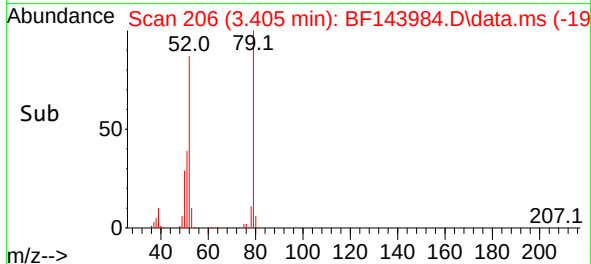
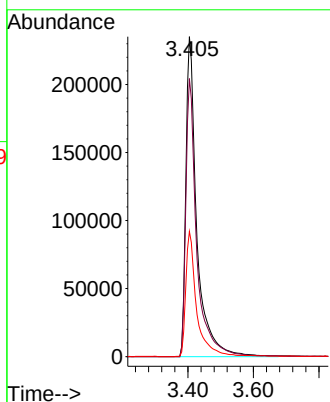


#3  
Pyridine  
Concen: 41.316 ng  
RT: 3.405 min Scan# 207  
Delta R.T. -0.012 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Instrument :  
BNA\_F  
ClientSampleId :  
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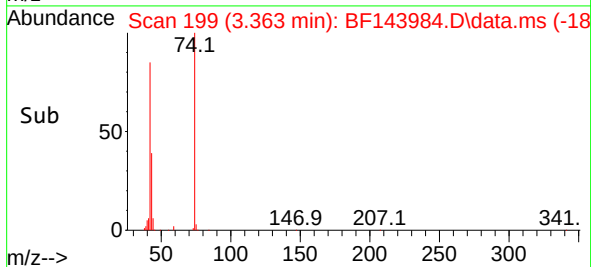
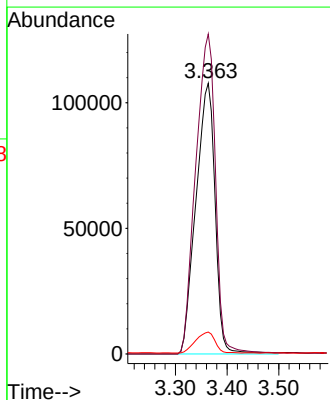
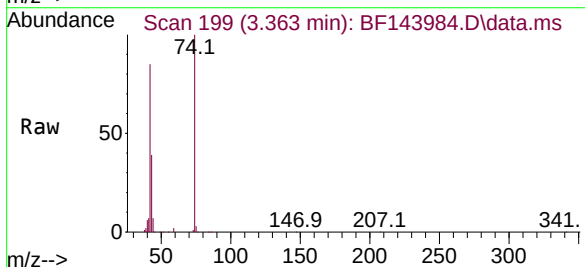


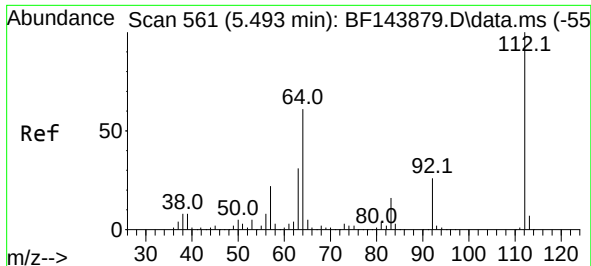
Tgt Ion: 79 Resp: 548961  
Ion Ratio Lower Upper  
79 100  
52 86.9 71.5 107.3  
51 39.1 32.9 49.3



#4  
n-Nitrosodimethylamine  
Concen: 39.778 ng  
RT: 3.363 min Scan# 199  
Delta R.T. -0.023 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion: 42 Resp: 278029  
Ion Ratio Lower Upper  
42 100  
74 118.2 90.0 135.0  
44 8.0 6.2 9.2

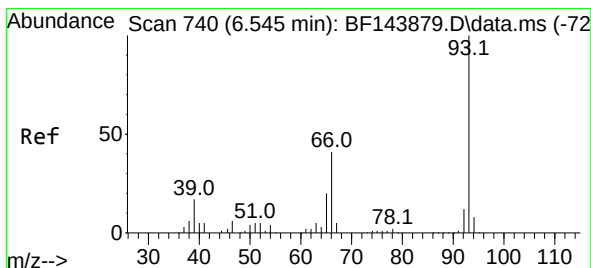
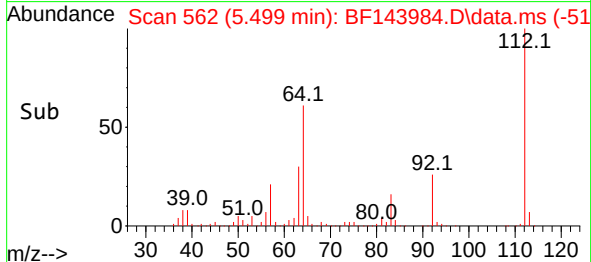
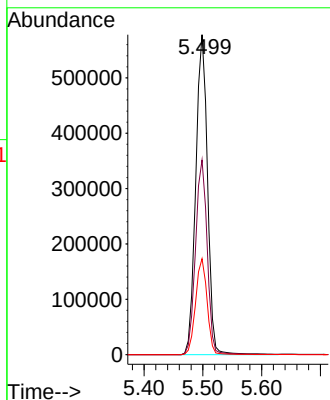
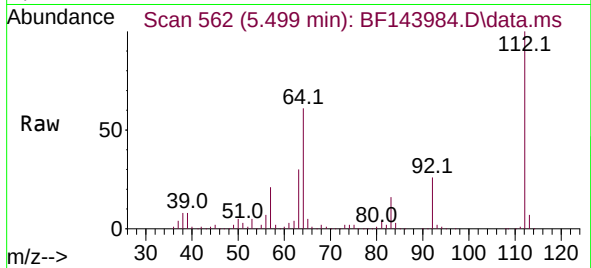




#5  
2-Fluorophenol  
Concen: 81.301 ng  
RT: 5.499 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

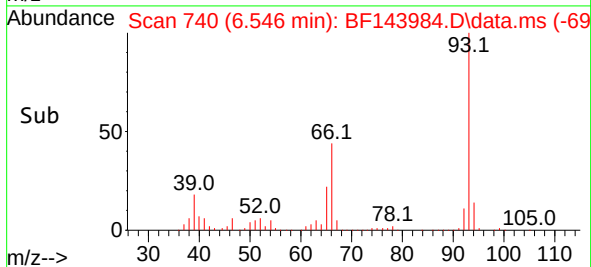
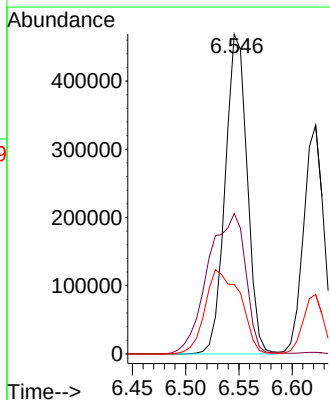
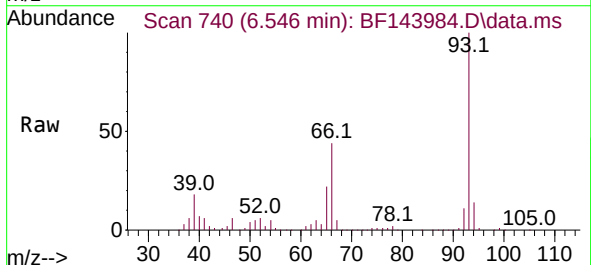
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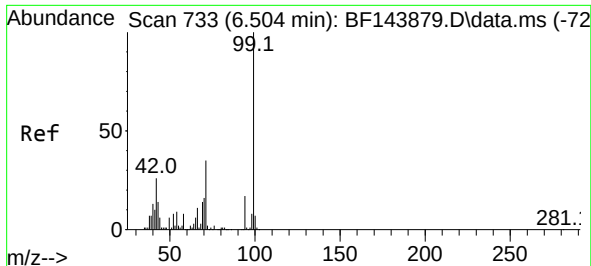
Tgt Ion:112 Resp: 801872  
Ion Ratio Lower Upper  
112 100  
64 60.8 49.1 73.7  
63 30.0 24.5 36.7



#6  
Aniline  
Concen: 38.146 ng  
RT: 6.546 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
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Tgt Ion: 93 Resp: 671999  
Ion Ratio Lower Upper  
93 100  
66 43.9 33.0 49.6  
65 21.7 15.8 23.8

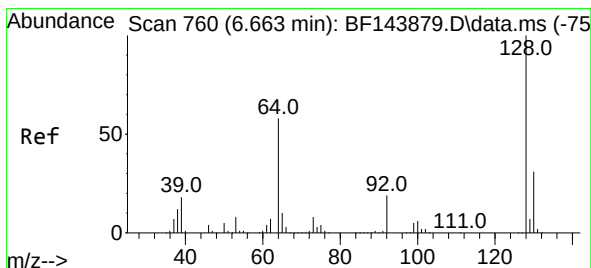
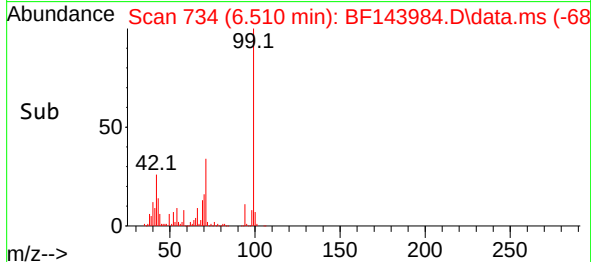
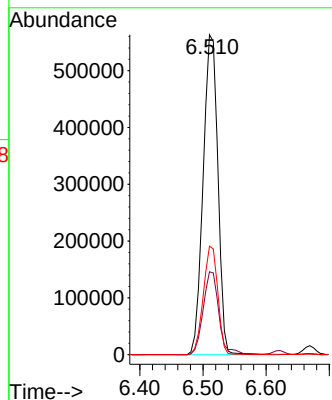
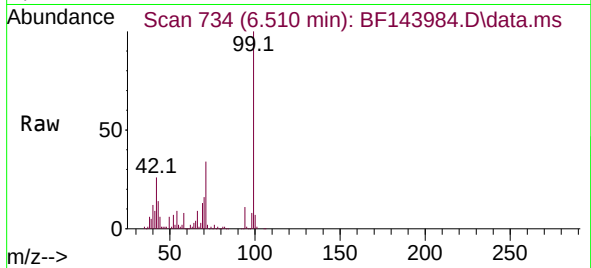




#7  
Phenol-d6  
Concen: 77.751 ng  
RT: 6.510 min Scan# 734  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

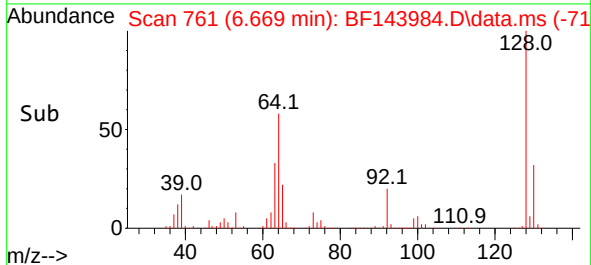
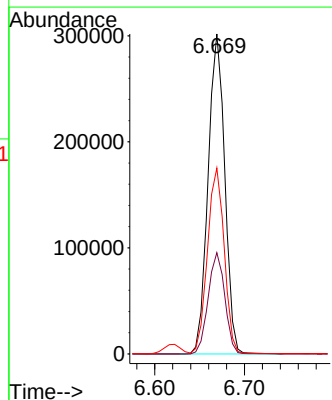
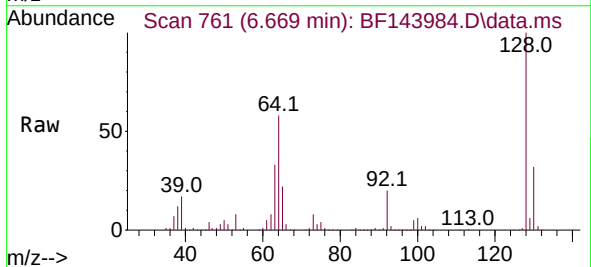
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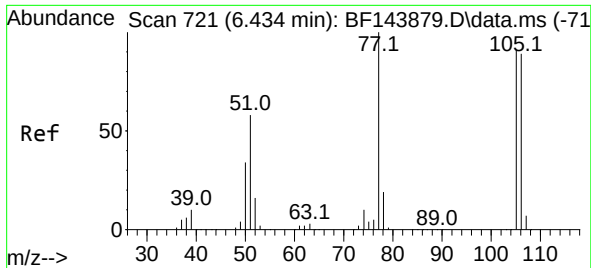
Tgt Ion: 99 Resp: 914059  
Ion Ratio Lower Upper  
99 100  
42 25.9 21.0 31.4  
71 33.9 27.8 41.8



#8  
2-Chlorophenol  
Concen: 40.585 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:128 Resp: 391285  
Ion Ratio Lower Upper  
128 100  
130 31.6 10.7 50.7  
64 58.1 39.0 79.0





#9

Benzaldehyde

Concen: 41.037 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143984.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

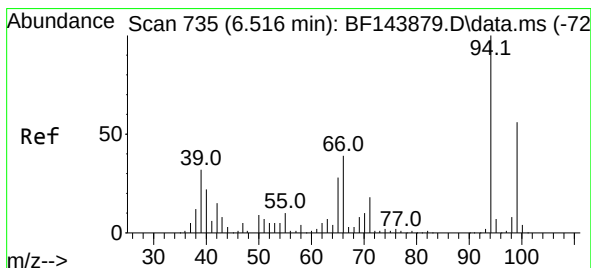
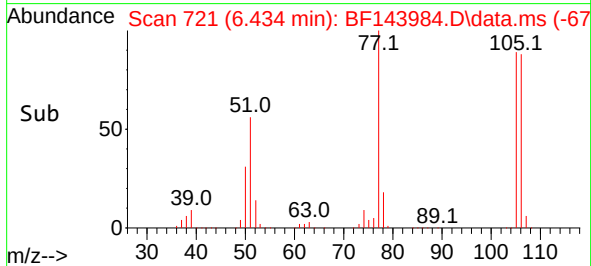
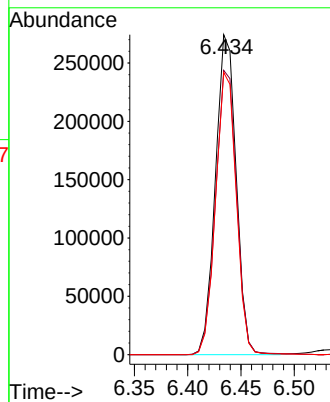
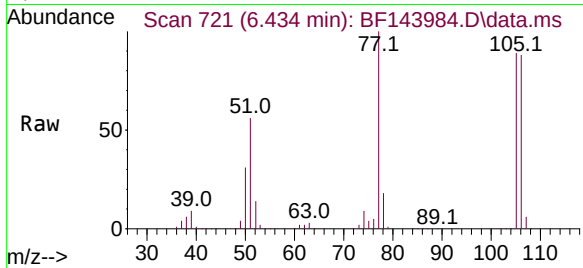
Tgt Ion: 77 Resp: 372156

Ion Ratio Lower Upper

77 100

105 88.9 70.9 110.9

106 88.2 68.9 108.9



#10

Phenol

Concen: 40.798 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

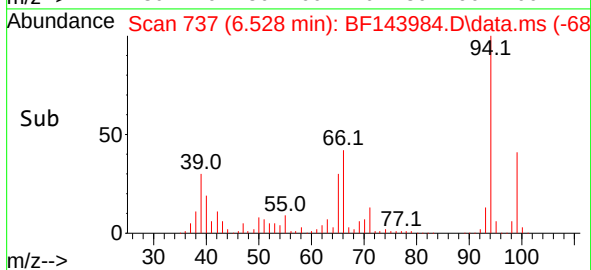
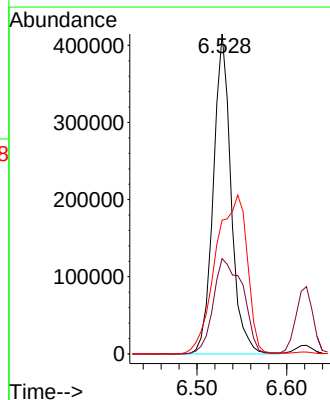
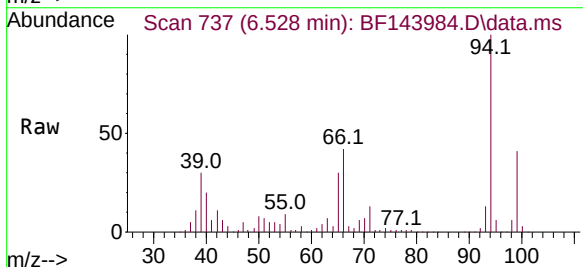
Tgt Ion: 94 Resp: 573406

Ion Ratio Lower Upper

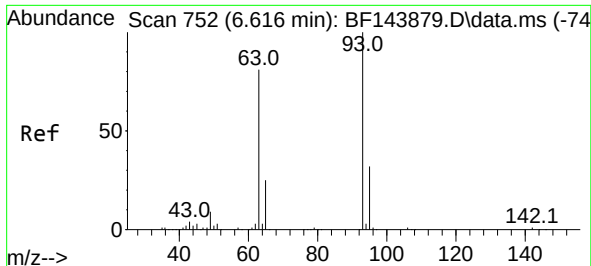
94 100

65 29.8 8.5 48.5

66 41.8 19.9 59.9



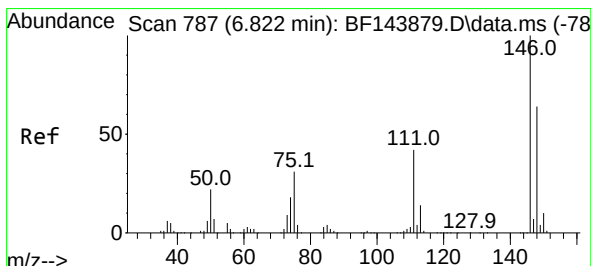
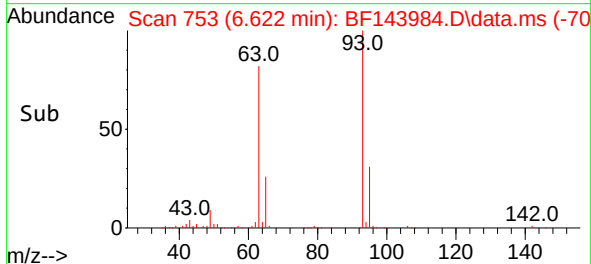
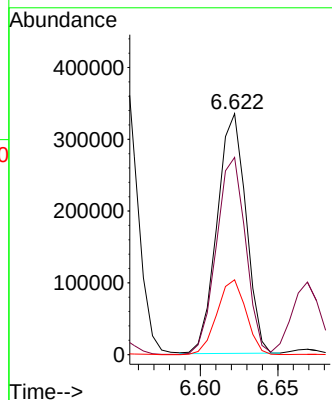
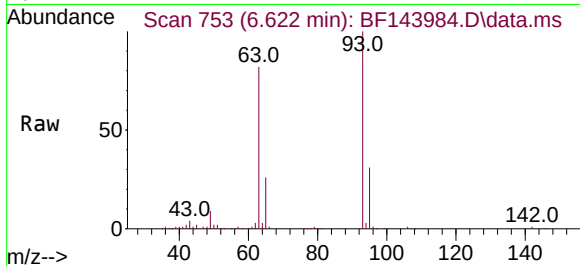




#11  
bis(2-Chloroethyl)ether  
Concen: 39.863 ng  
RT: 6.622 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

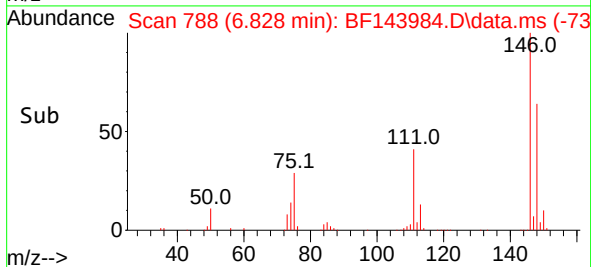
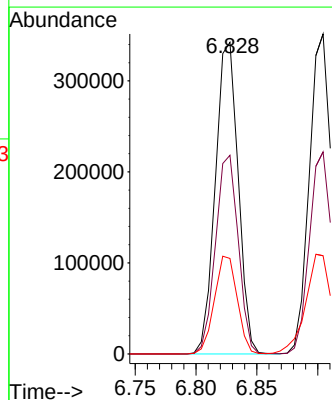
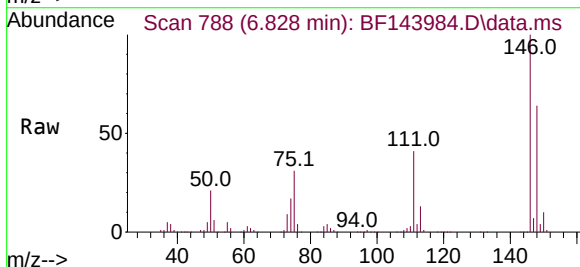
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

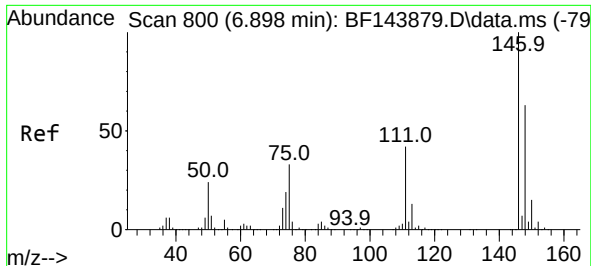
Tgt Ion: 93 Resp: 432796  
Ion Ratio Lower Upper  
93 100  
63 81.9 60.9 100.9  
95 31.1 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 38.735 ng  
RT: 6.828 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:146 Resp: 447023  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.4  
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 39.051 ng

RT: 6.904 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

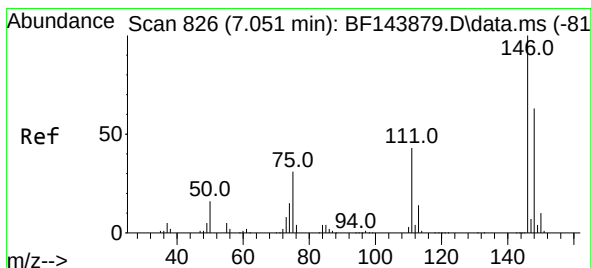
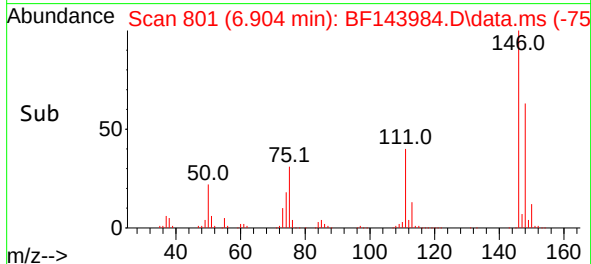
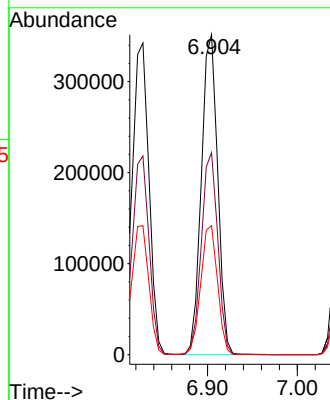
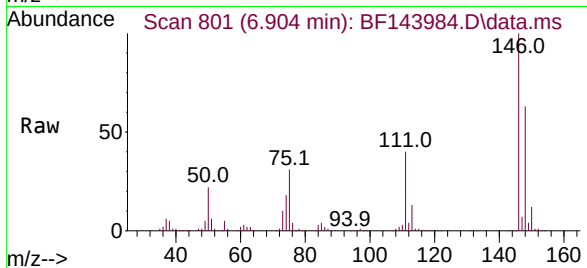
Tgt Ion:146 Resp: 444550

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 40.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 39.285 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

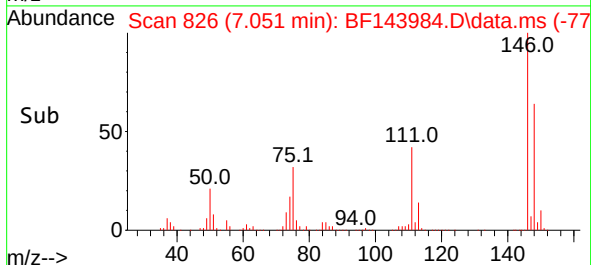
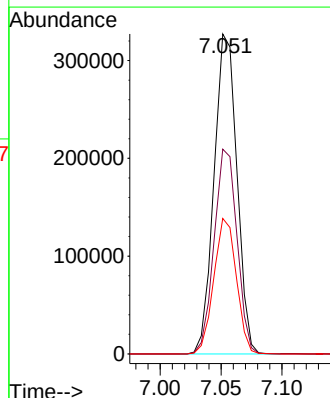
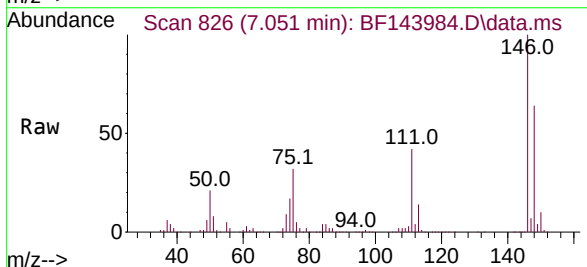
Tgt Ion:146 Resp: 428361

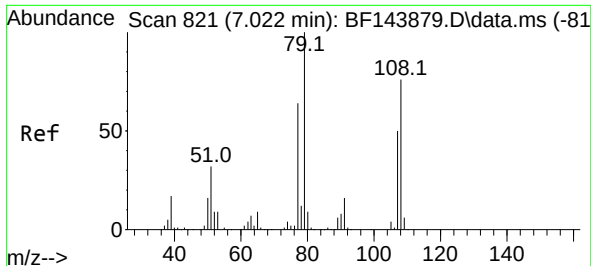
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

111 42.3 34.6 51.8



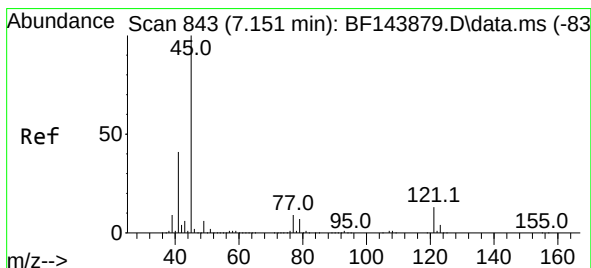
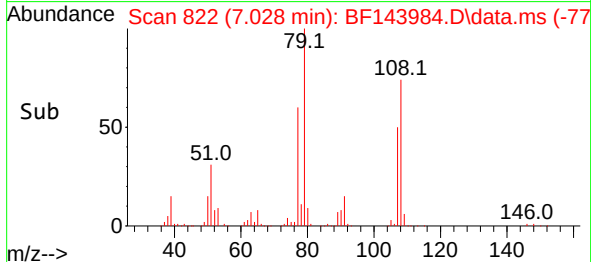
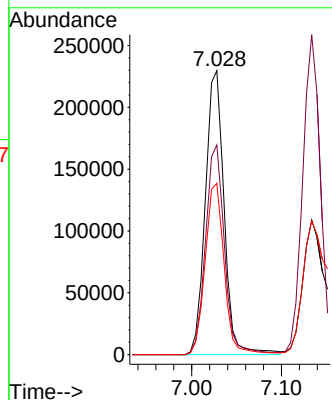
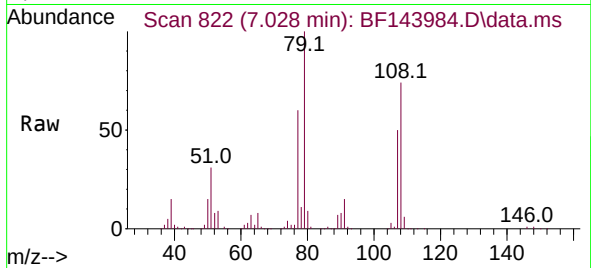


#15  
Benzyl Alcohol  
Concen: 37.917 ng  
RT: 7.028 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 333987

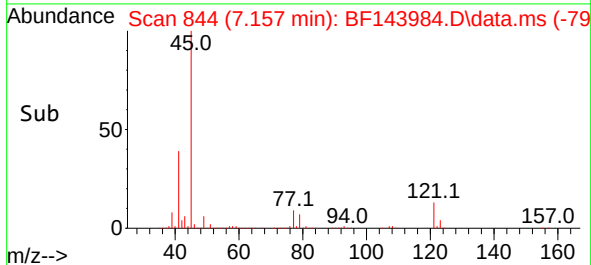
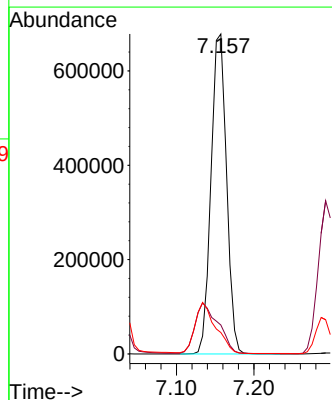
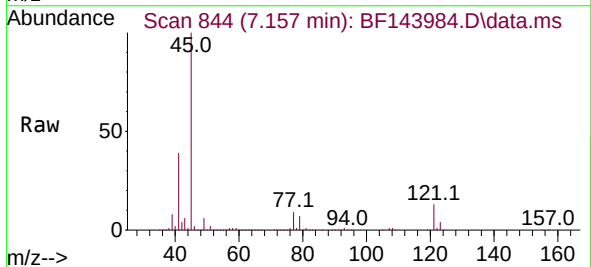
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 73.9  | 60.8  | 91.2  |
| 77  | 60.4  | 51.0  | 76.6  |

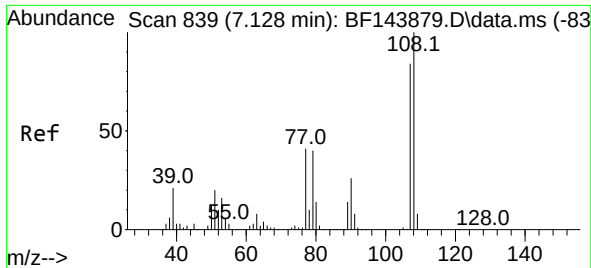


#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.150 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion: 45 Resp: 942813

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 9.0   | 0.0   | 29.0  |
| 79  | 6.7   | 0.0   | 26.8  |

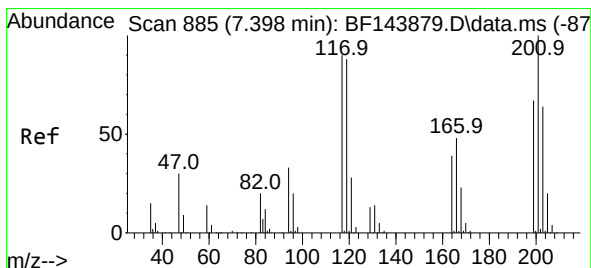
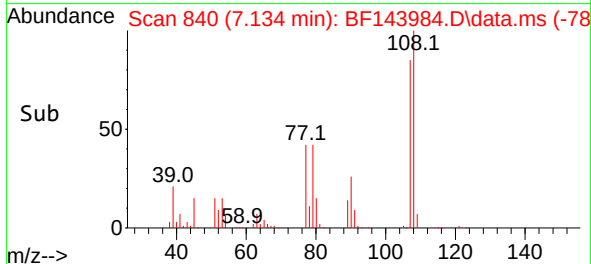
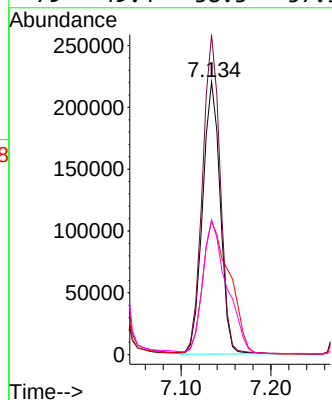
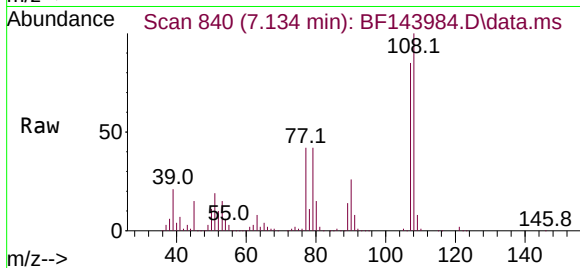




#17  
2-Methylphenol  
Concen: 37.768 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

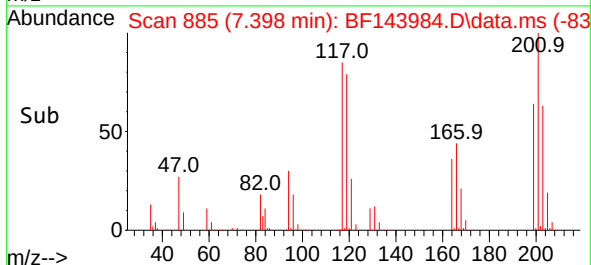
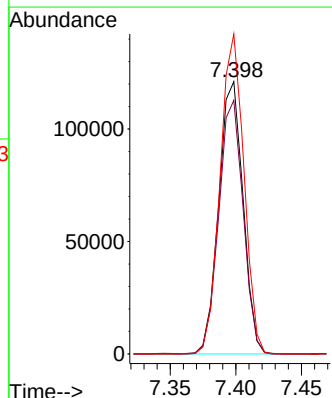
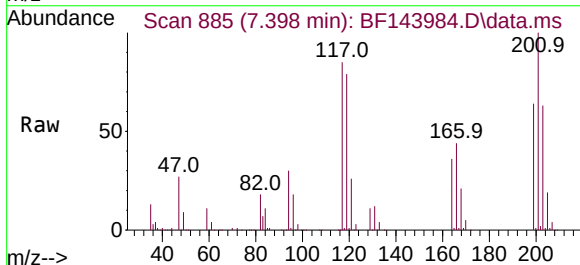
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

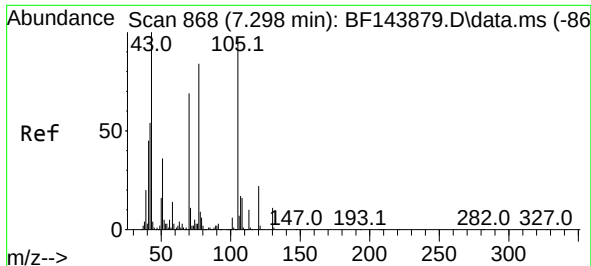
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 300923 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 117.3 | 94.7  | 142.1  |
| 77       | 49.0  | 38.8  | 58.2   |
| 79       | 49.4  | 38.3  | 57.5   |



#18  
Hexachloroethane  
Concen: 40.983 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 155589 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.1  | 77.8  | 116.8  |
| 201      | 117.6 | 88.5  | 132.7  |



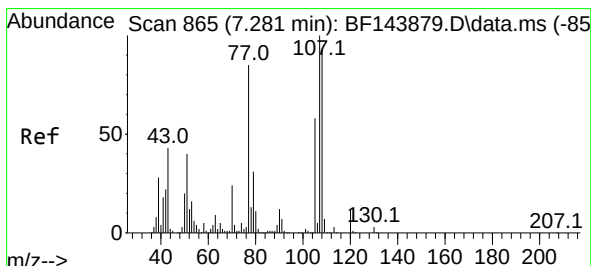
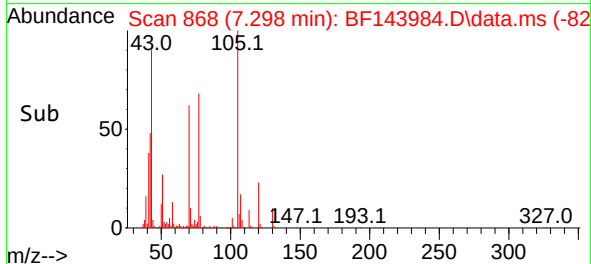
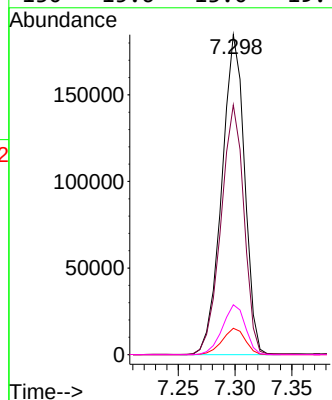
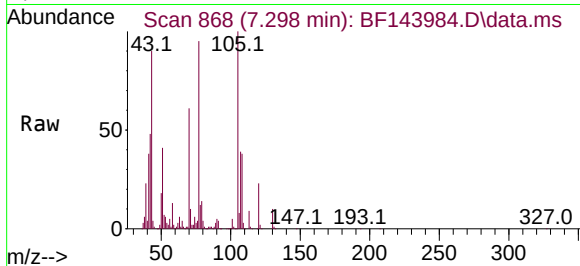


#19  
n-Nitroso-di-n-propylamine  
Concen: 32.115 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.017 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 258435

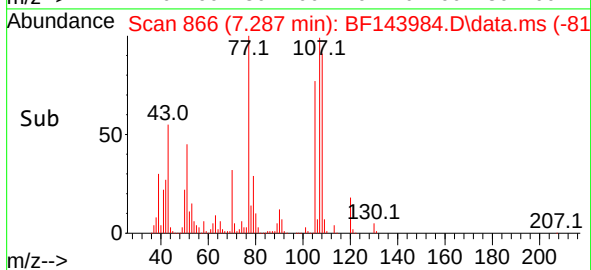
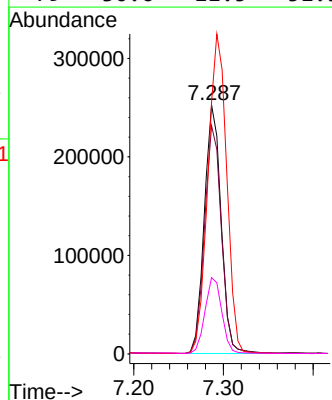
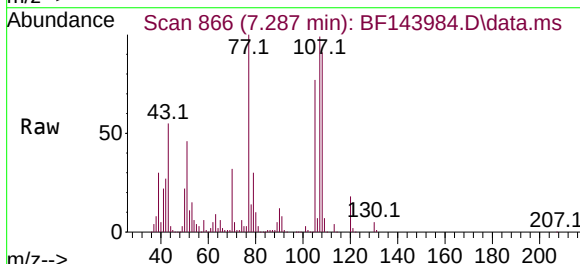
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 78.0  | 62.8  | 94.2  |
| 101 | 8.2   | 6.7   | 10.1  |
| 130 | 15.6  | 13.0  | 19.4  |

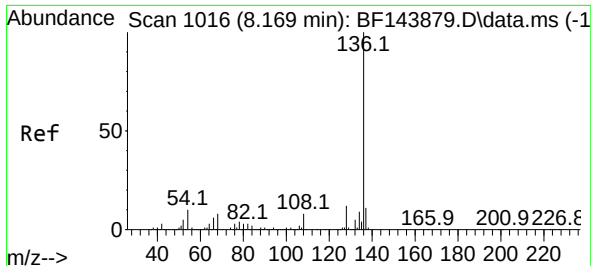


#20  
3+4-Methylphenols  
Concen: 35.518 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.012 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion: 107 Resp: 327990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.6  | 73.0  | 113.0 |
| 77  | 101.1 | 64.6  | 104.6 |
| 79  | 30.6  | 11.5  | 51.5  |



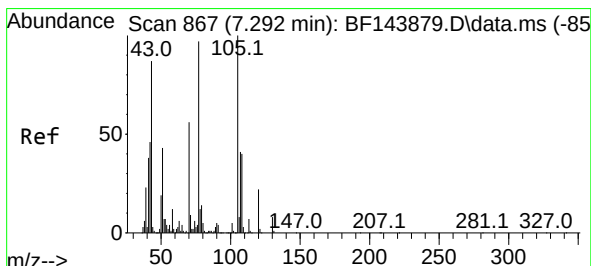
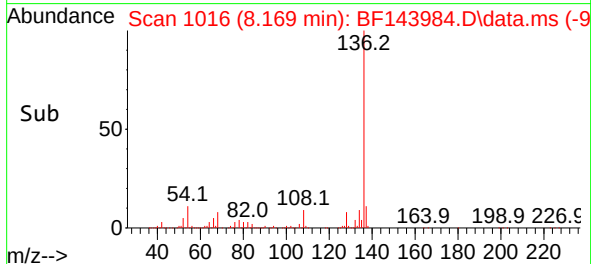
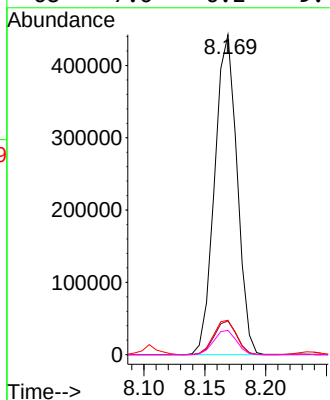
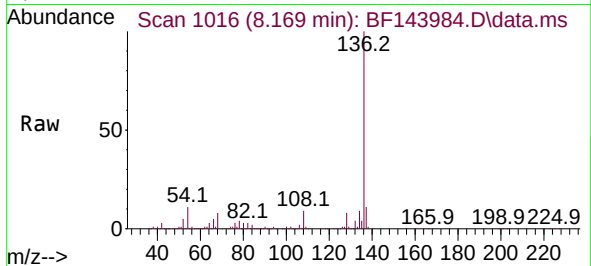


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 566623

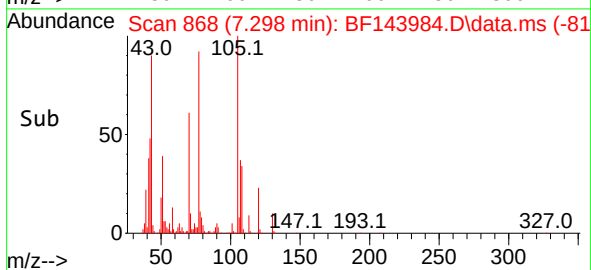
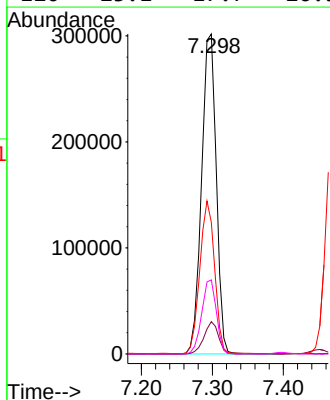
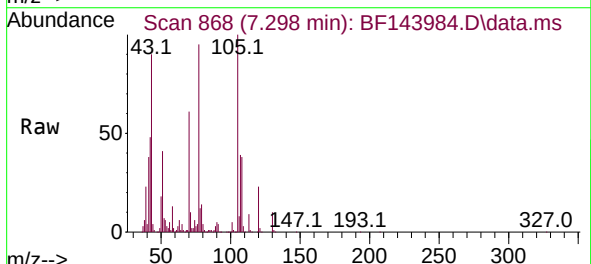
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.5   | 12.7  |
| 54  | 10.7  | 8.2   | 12.4  |
| 68  | 7.6   | 6.2   | 9.4   |

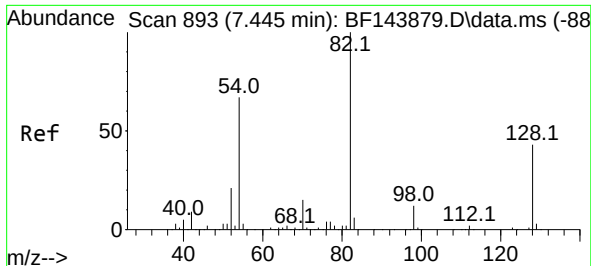


#22  
Acetophenone  
Concen: 36.001 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:105 Resp: 431324

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 10.1  | 7.4   | 11.0  |
| 51  | 41.1  | 34.2  | 51.4  |
| 120 | 23.1  | 17.7  | 26.5  |





#23

Nitrobenzene-d5

Concen: 82.295 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

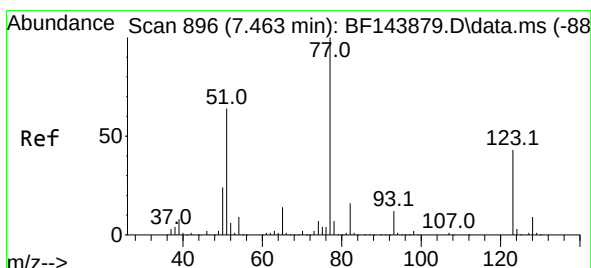
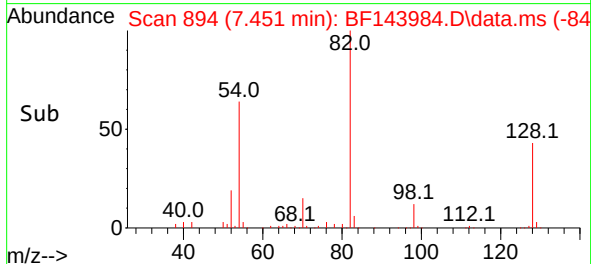
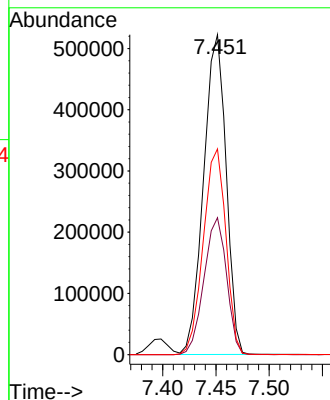
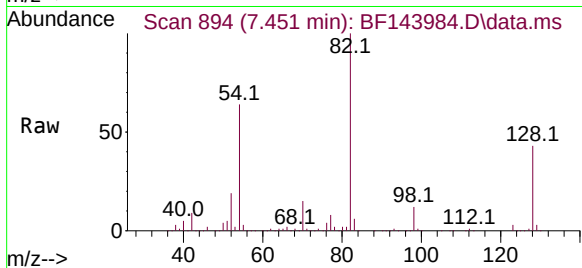
Tgt Ion: 82 Resp: 767518

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

54 64.3 53.2 79.8



#24

Nitrobenzene

Concen: 41.444 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

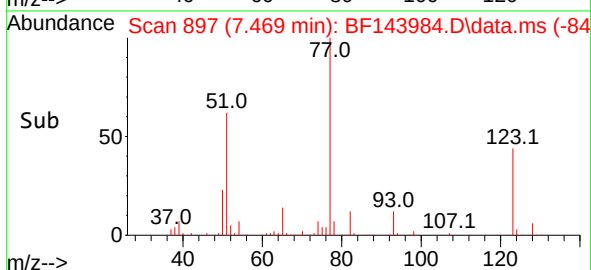
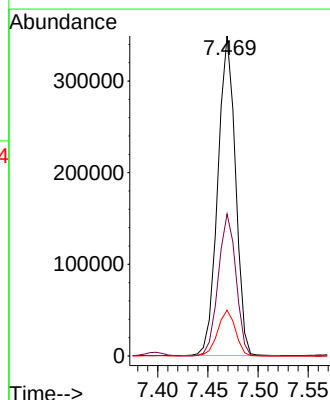
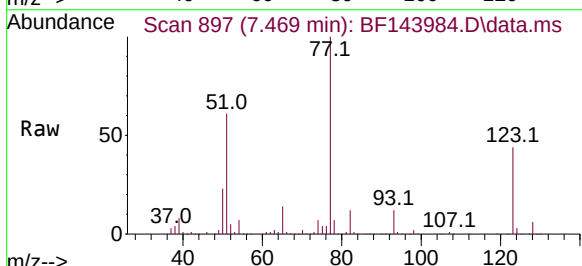
Tgt Ion: 77 Resp: 429240

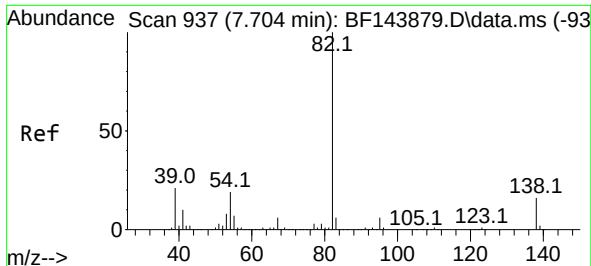
Ion Ratio Lower Upper

77 100

123 44.4 34.2 51.4

65 14.3 11.0 16.6

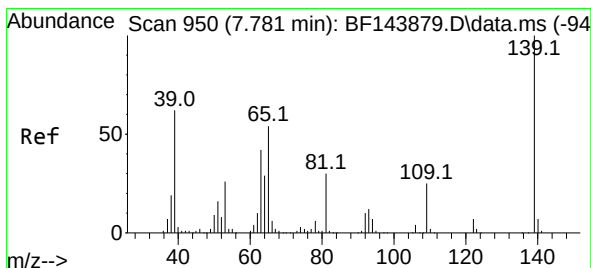
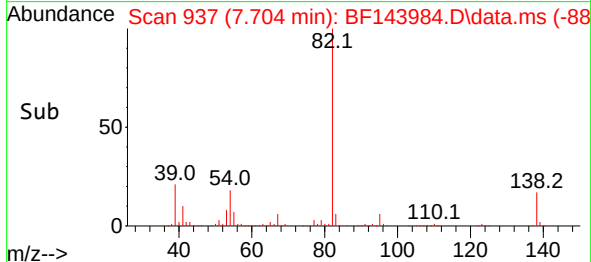
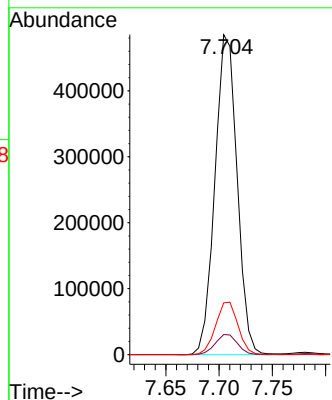
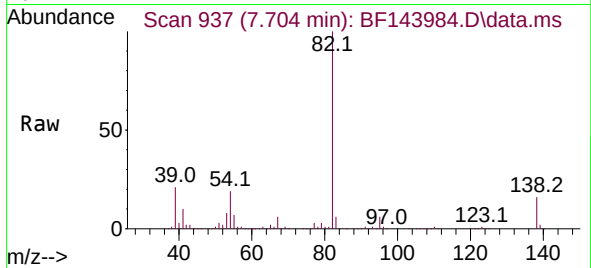




#25  
Isophorone  
Concen: 35.799 ng  
RT: 7.704 min Scan# 931  
Delta R.T. -0.017 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

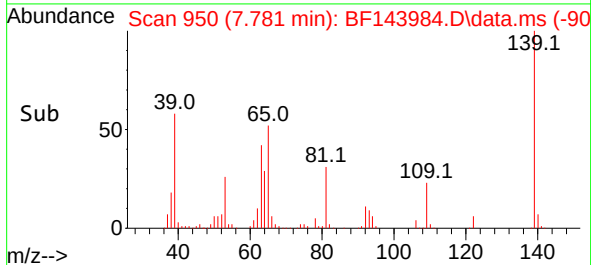
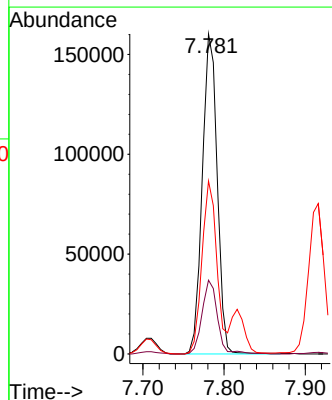
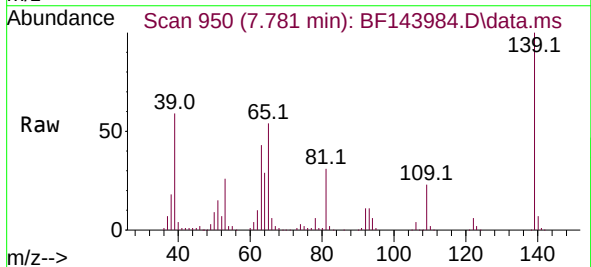
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 704001  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.1 7.7  
138 16.2 12.9 19.3

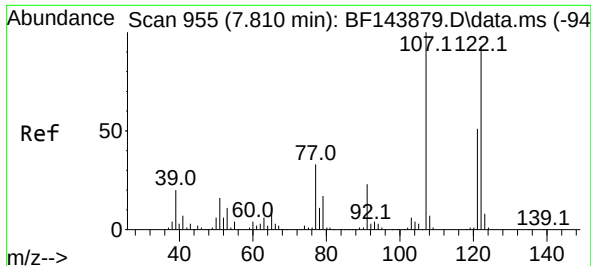


#26  
2-Nitrophenol  
Concen: 46.048 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion: 139 Resp: 204473  
Ion Ratio Lower Upper  
139 100  
109 23.0 19.8 29.6  
65 54.0 42.9 64.3







#27

2,4-Dimethylphenol

Concen: 38.230 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

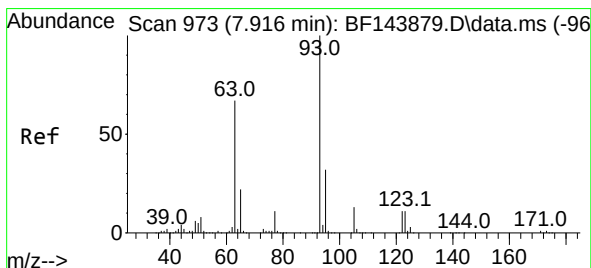
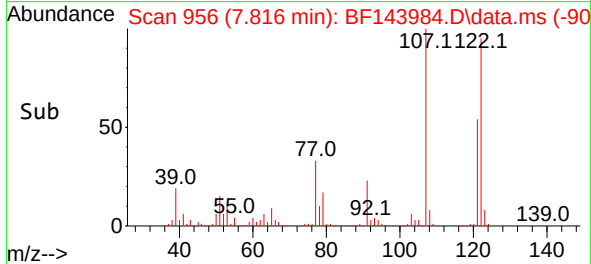
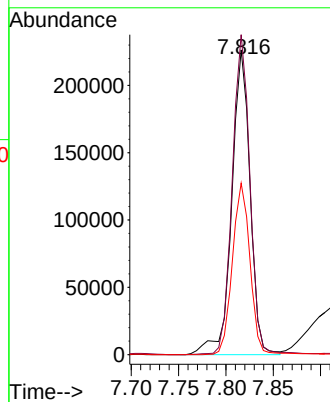
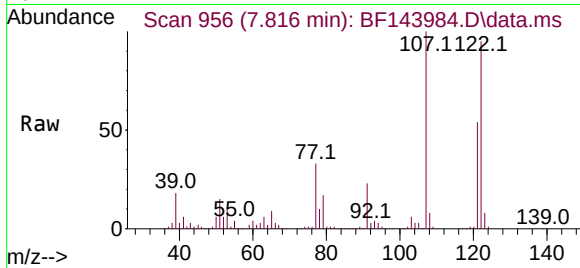
Tgt Ion:122 Resp: 305369

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

121 56.3 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 35.687 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

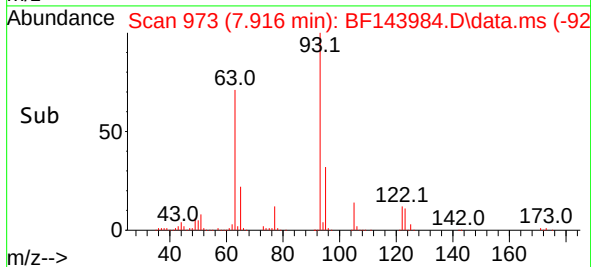
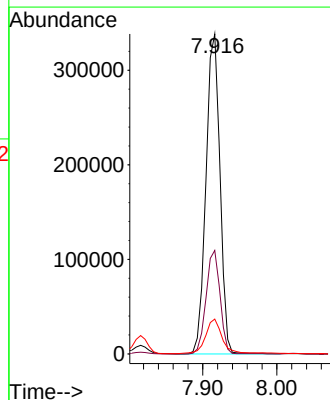
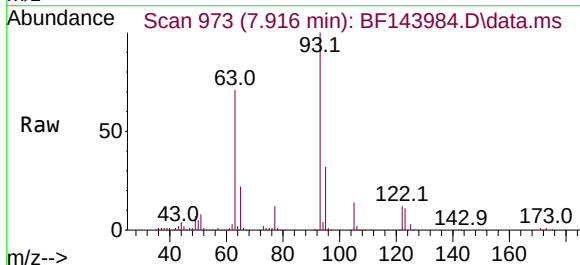
Tgt Ion: 93 Resp: 443313

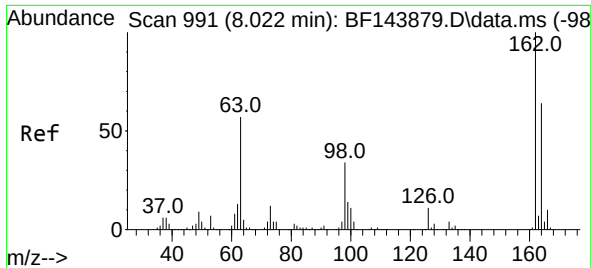
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 37.833 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

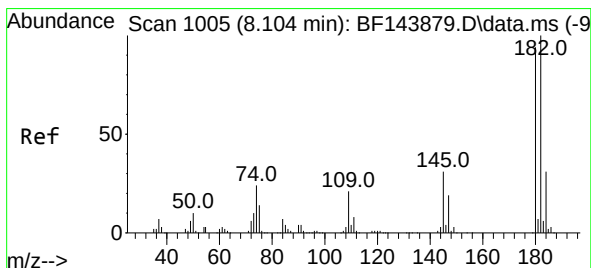
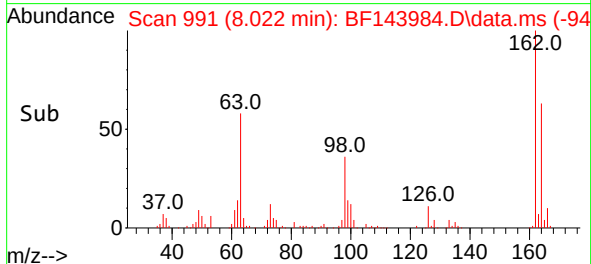
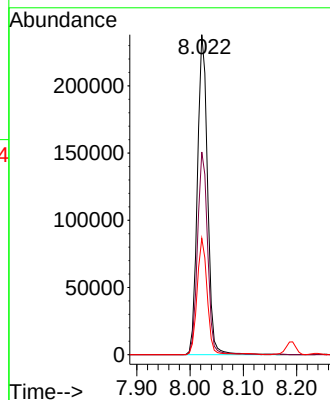
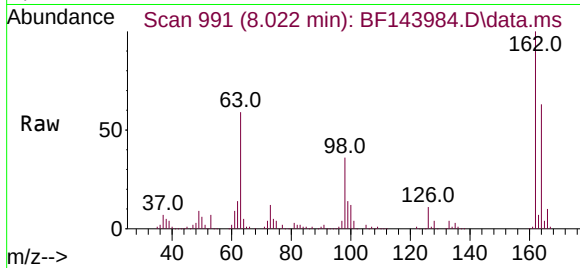
Tgt Ion:162 Resp: 314783

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

98 36.3 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 41.438 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

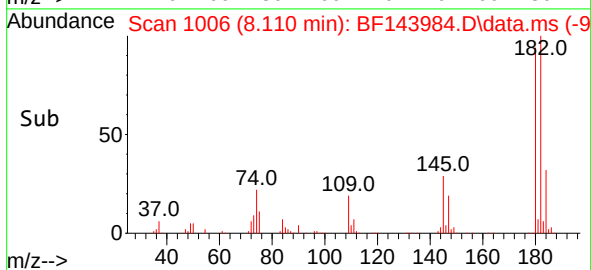
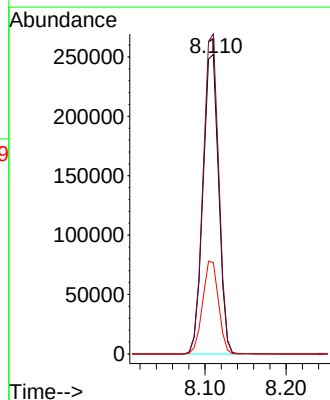
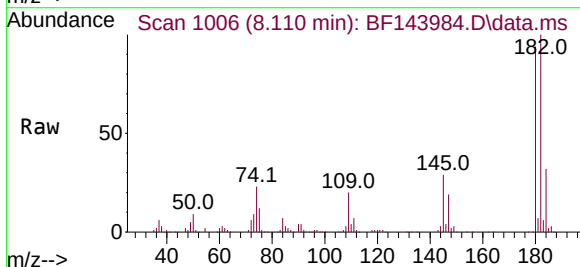
Tgt Ion:180 Resp: 339080

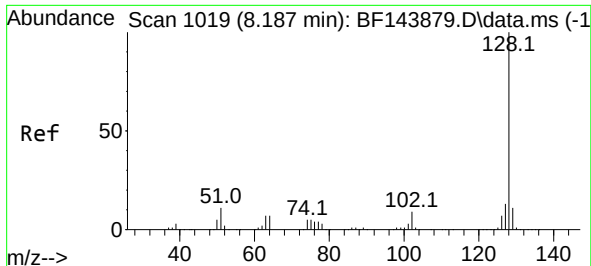
Ion Ratio Lower Upper

180 100

182 106.9 85.4 128.0

145 30.6 26.3 39.5

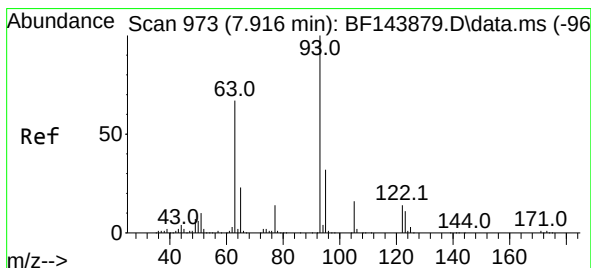
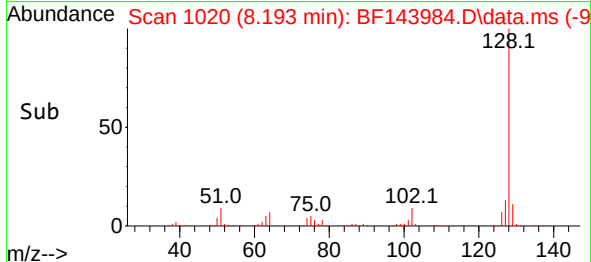
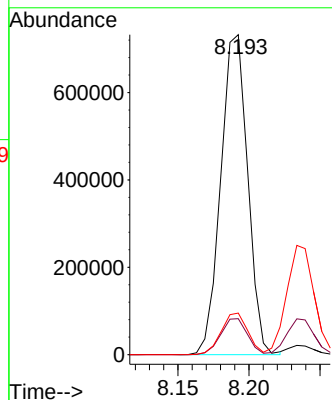
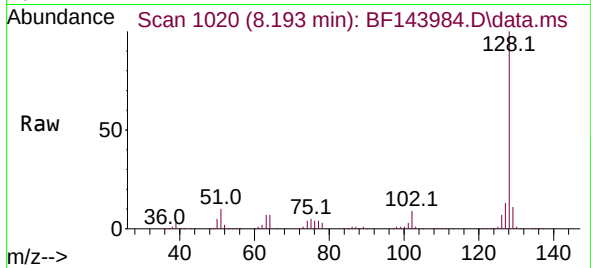




#31  
Naphthalene  
Concen: 37.537 ng  
RT: 8.193 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

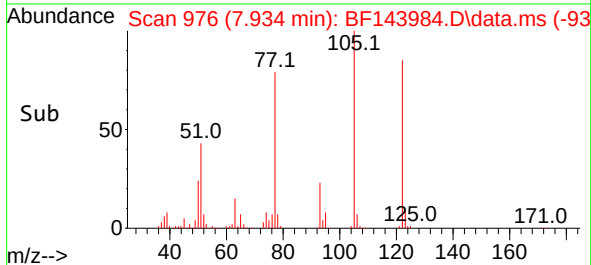
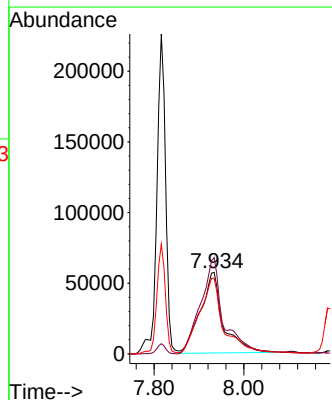
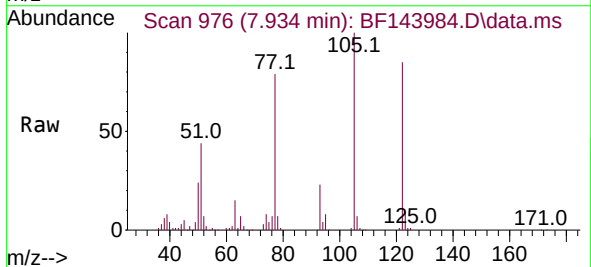
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

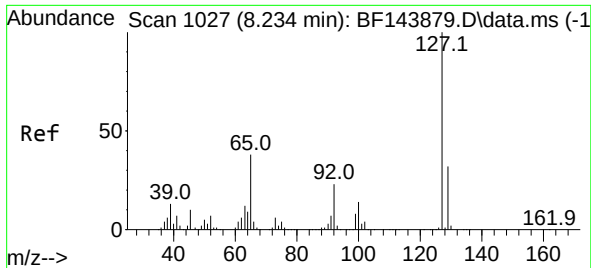
Tgt Ion:128 Resp: 967526  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.0 10.0 15.0



#32  
Benzoic acid  
Concen: 36.736 ng  
RT: 7.934 min Scan# 976  
Delta R.T. -0.029 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:122 Resp: 203083  
Ion Ratio Lower Upper  
122 100  
105 118.0 93.5 133.5  
77 92.9 76.3 116.3

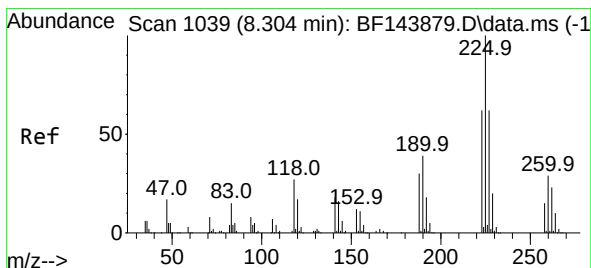
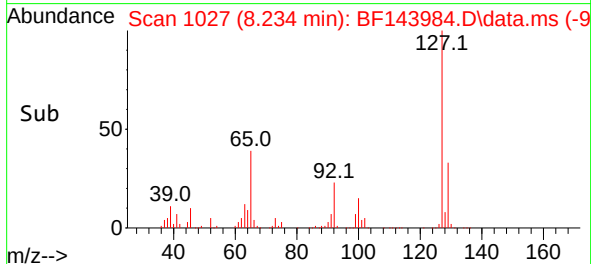
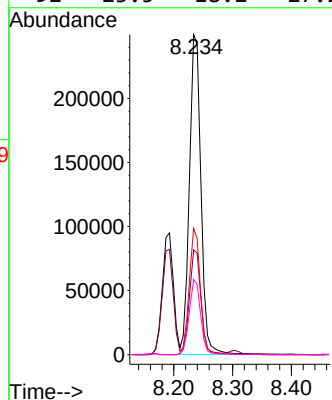
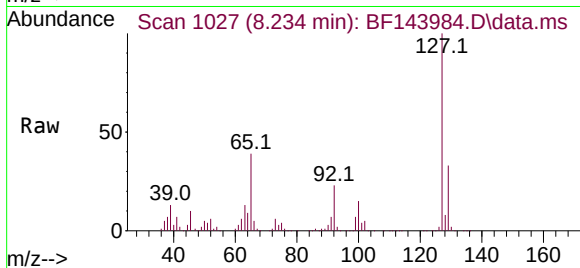




#33  
4-Chloroaniline  
Concen: 35.390 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

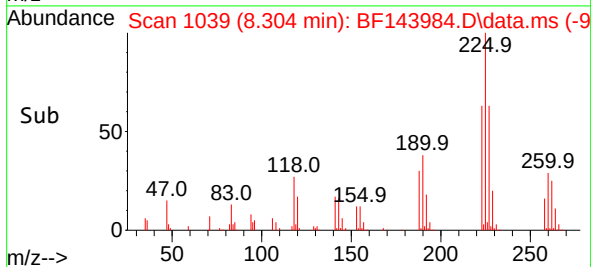
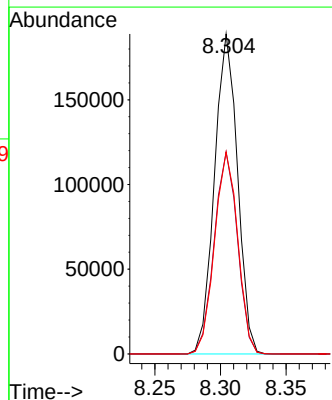
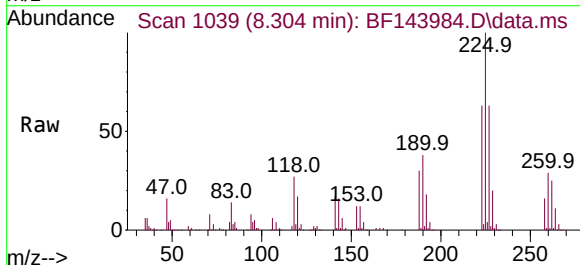
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

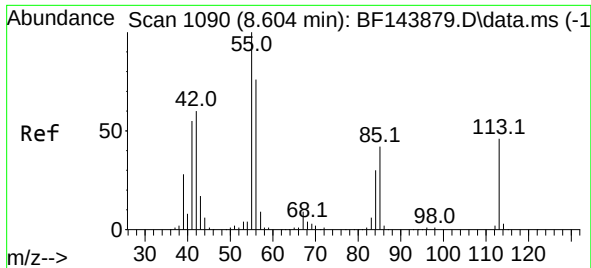
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 342115 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.7    | 25.8 38.8    |
| 65 39.5     | 30.0 45.0    |
| 92 23.5     | 18.2 27.2    |



#34  
Hexachlorobutadiene  
Concen: 40.682 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 231323 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 63.1    | 49.4 74.2    |
| 227 63.1    | 49.7 74.5    |

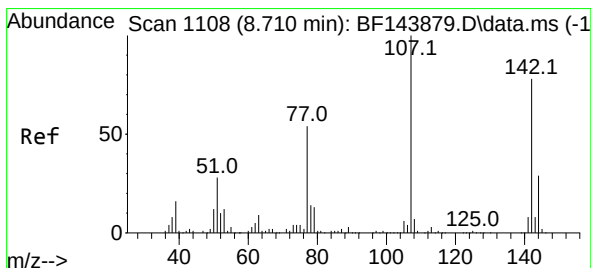
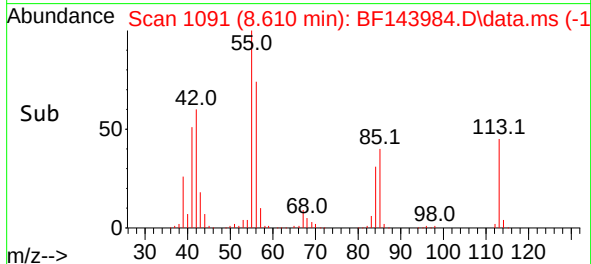
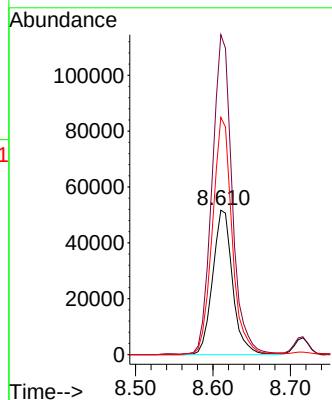
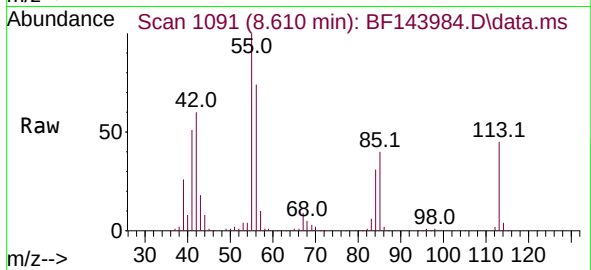




#35  
 Caprolactam  
 Concen: 34.885 ng  
 RT: 8.610 min Scan# 1109  
 Delta R.T. -0.035 min  
 Lab File: BF143984.D  
 Acq: 17 Oct 2025 14:43

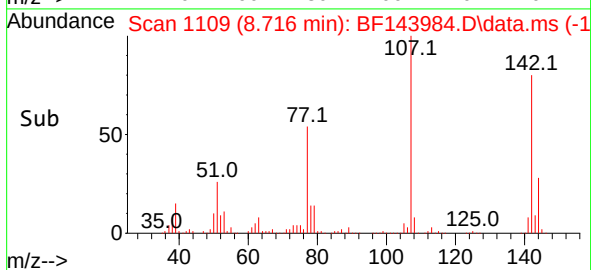
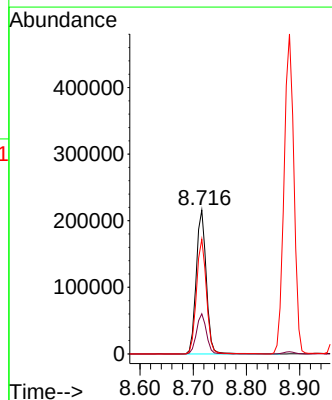
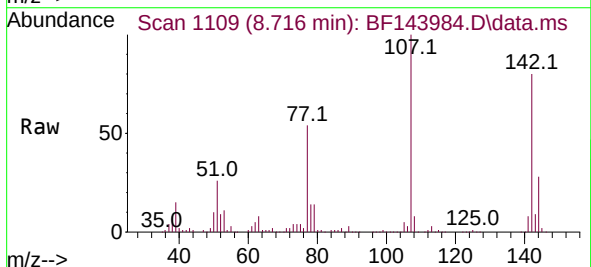
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

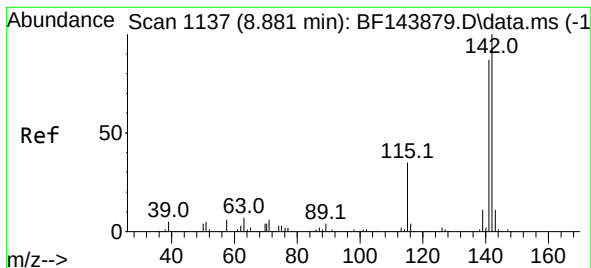
Tgt Ion:113 Resp: 92289  
 Ion Ratio Lower Upper  
 113 100  
 55 221.7 199.6 239.6  
 56 164.4 146.0 186.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 35.371 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. -0.006 min  
 Lab File: BF143984.D  
 Acq: 17 Oct 2025 14:43

Tgt Ion:107 Resp: 282692  
 Ion Ratio Lower Upper  
 107 100  
 144 27.9 23.1 34.7  
 142 79.8 62.6 94.0

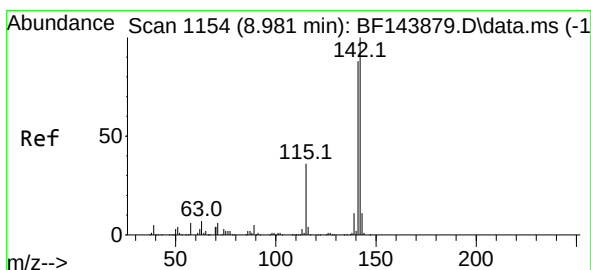
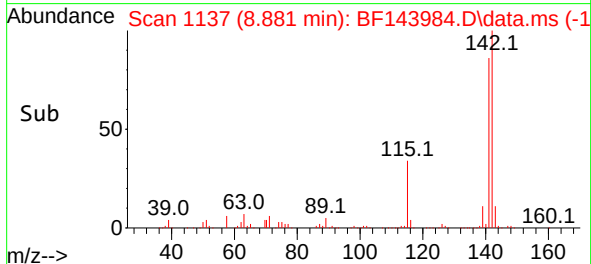
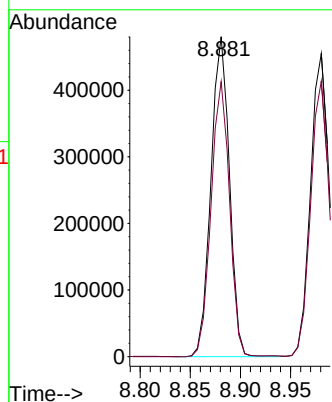
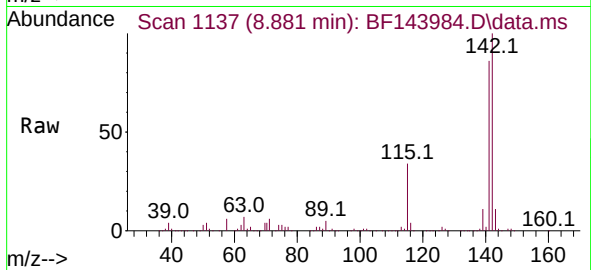




#37  
2-Methylnaphthalene  
Concen: 35.842 ng  
RT: 8.881 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

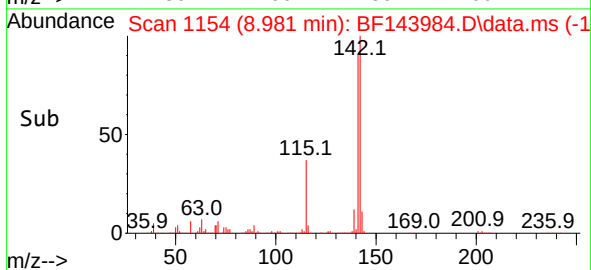
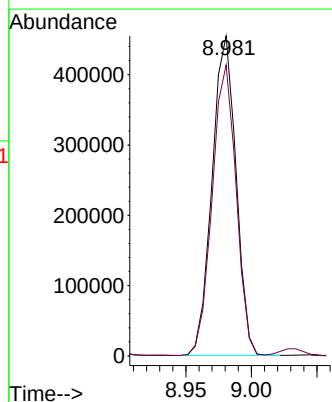
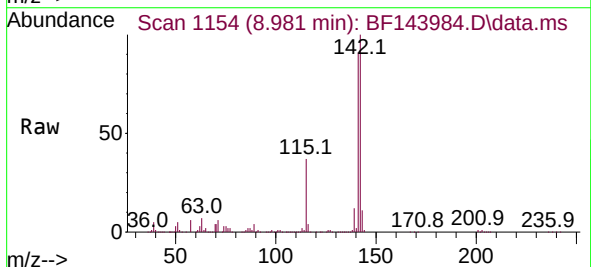
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

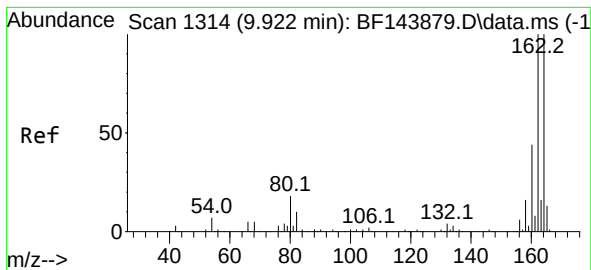
Tgt Ion:142 Resp: 615393  
Ion Ratio Lower Upper  
142 100  
141 86.0 69.2 103.8



#38  
1-Methylnaphthalene  
Concen: 34.781 ng  
RT: 8.981 min Scan# 1154  
Delta R.T. -0.005 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:142 Resp: 579247  
Ion Ratio Lower Upper  
142 100  
141 90.9 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143984.D

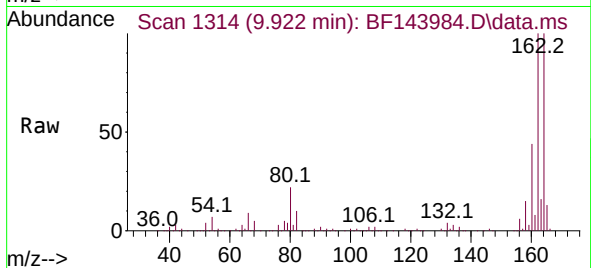
Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



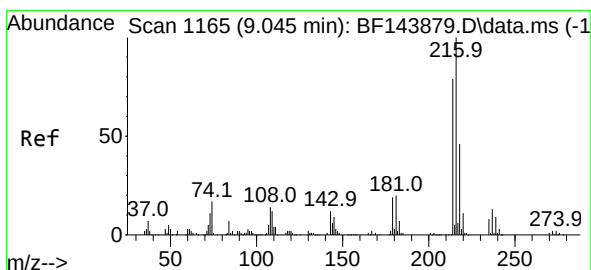
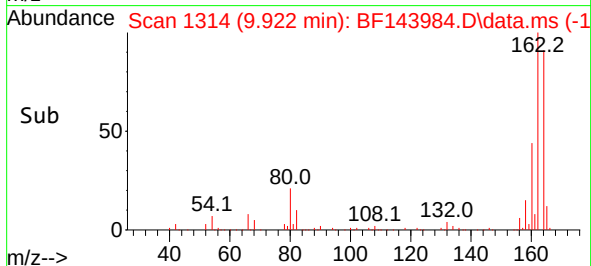
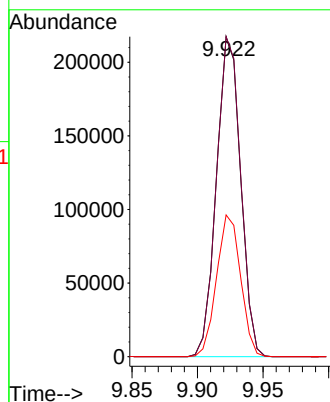
Tgt Ion:164 Resp: 278942

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.355 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Tgt Ion:216 Resp: 318829

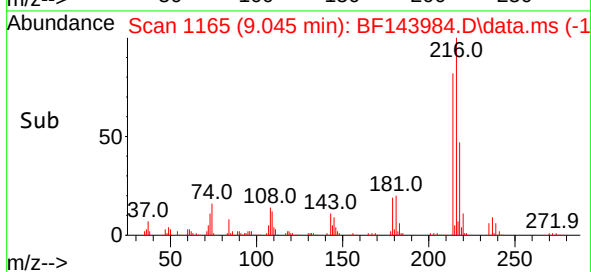
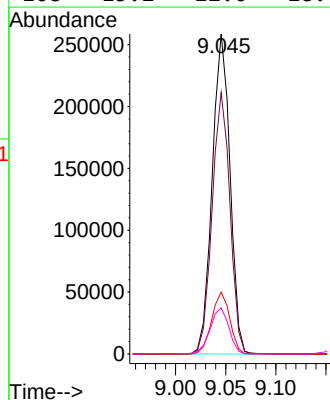
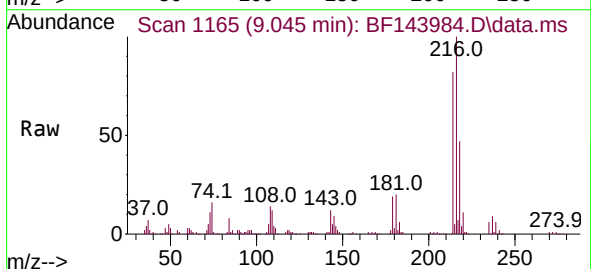
Ion Ratio Lower Upper

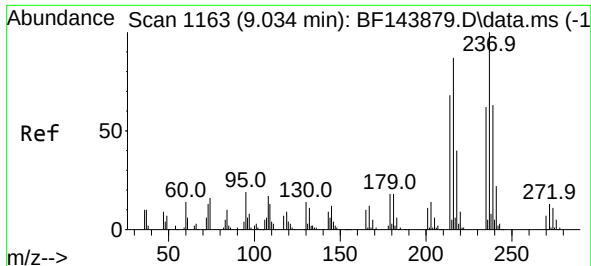
216 100

214 81.8 62.6 94.0

179 19.5 15.4 23.0

108 15.2 12.0 18.0

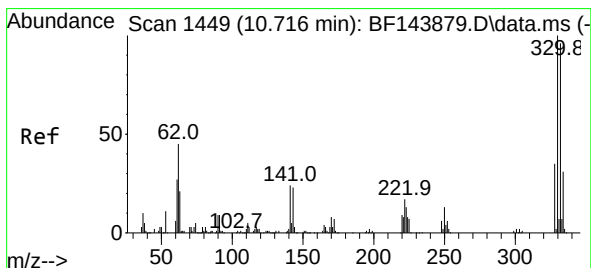
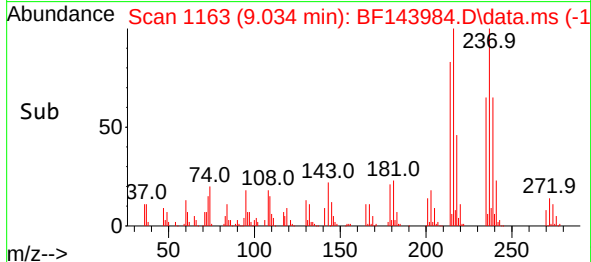
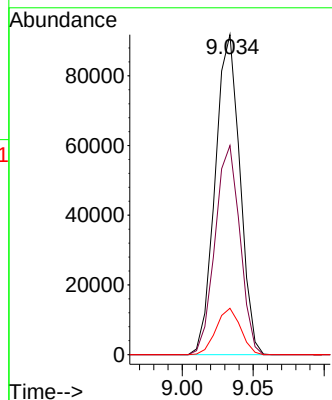
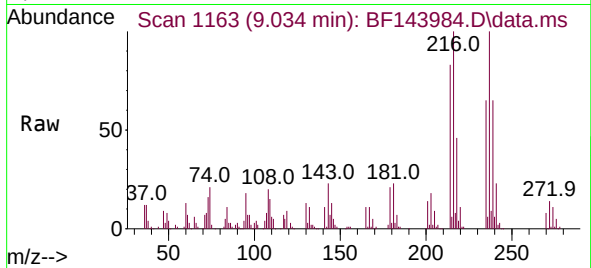




#41  
Hexachlorocyclopentadiene  
Concen: 34.808 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

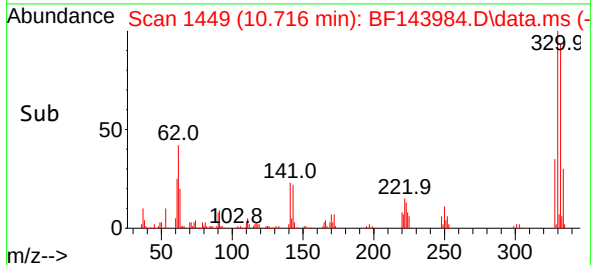
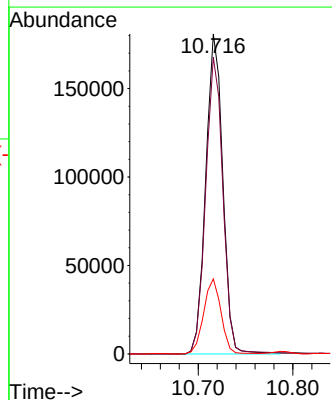
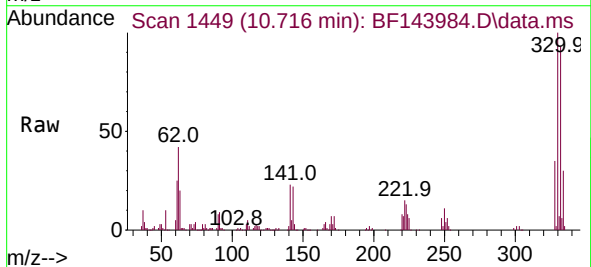
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 111331  
Ion Ratio Lower Upper  
237 100  
235 65.3 42.3 82.3  
272 14.5 0.0 33.1

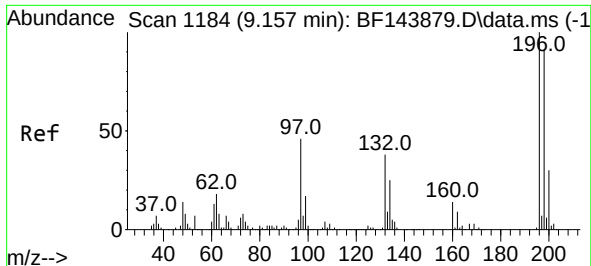


#42  
2,4,6-Tribromophenol  
Concen: 81.635 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:330 Resp: 226809  
Ion Ratio Lower Upper  
330 100  
332 94.0 76.9 115.3  
141 23.8 20.2 30.4



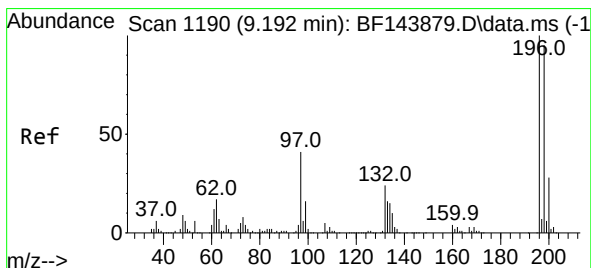
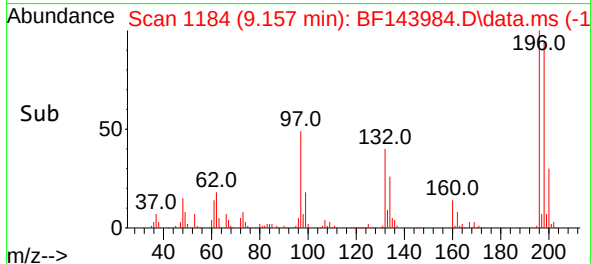
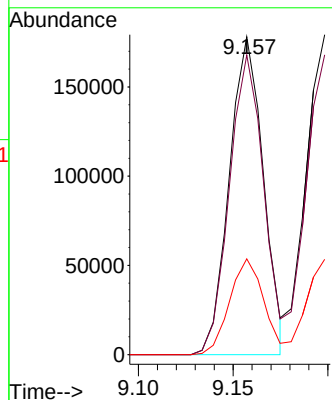
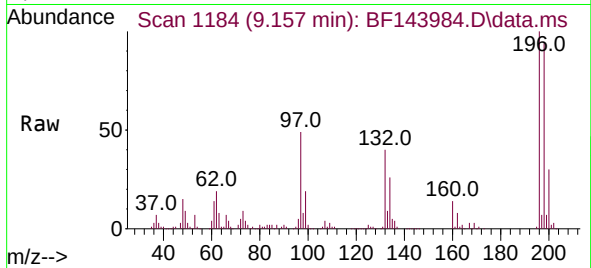




#43  
2,4,6-Trichlorophenol  
Concen: 39.505 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

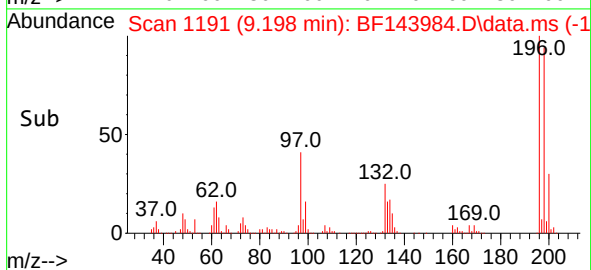
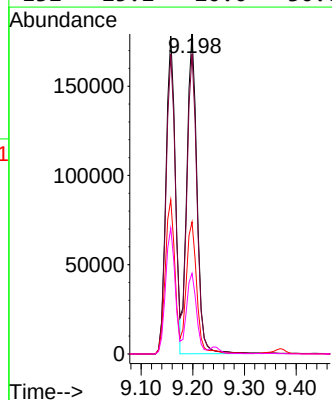
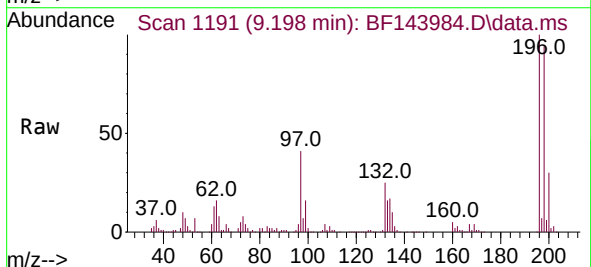
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

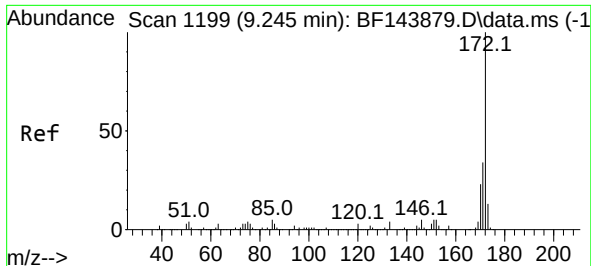
Tgt Ion:196 Resp: 222532  
Ion Ratio Lower Upper  
196 100  
198 94.3 72.8 109.2  
200 30.1 24.0 36.0



#44  
2,4,5-Trichlorophenol  
Concen: 41.058 ng  
RT: 9.198 min Scan# 1191  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:196 Resp: 244412  
Ion Ratio Lower Upper  
196 100  
198 93.7 75.5 113.3  
97 41.2 33.9 50.9  
132 25.2 20.0 30.0

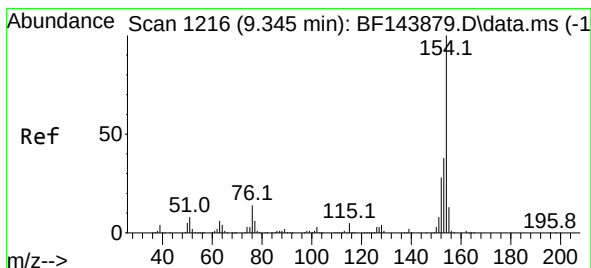
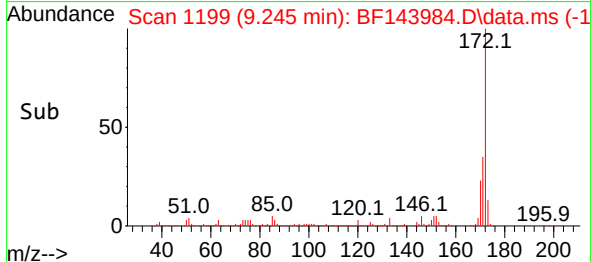
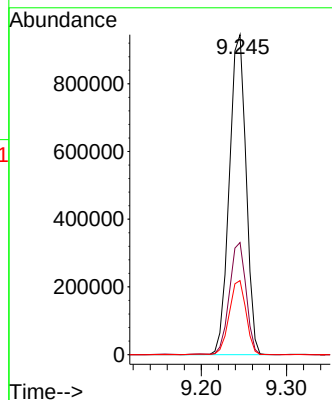
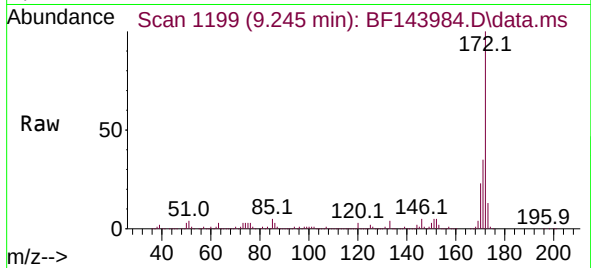




#45  
2-Fluorobiphenyl  
Concen: 73.197 ng  
RT: 9.245 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

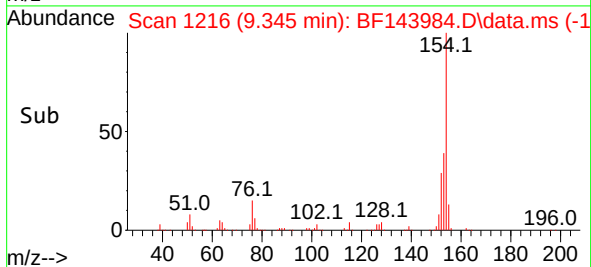
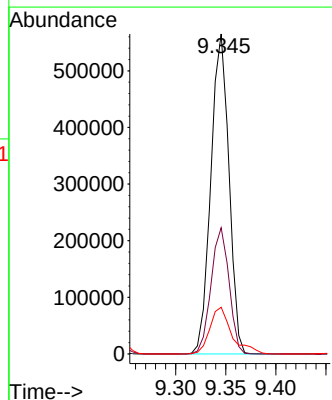
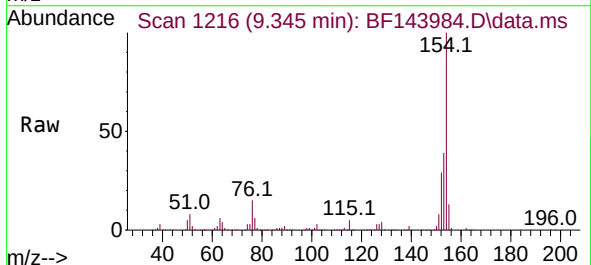
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

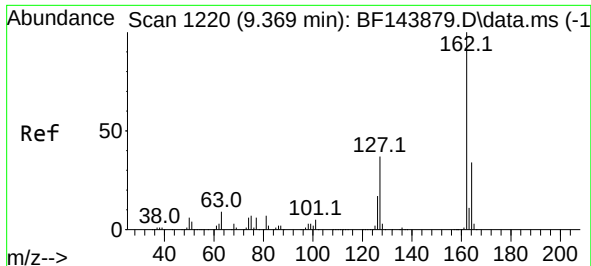
Tgt Ion:172 Resp: 1286763  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.4 41.0  
170 23.1 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 38.246 ng  
RT: 9.345 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:154 Resp: 706340  
Ion Ratio Lower Upper  
154 100  
153 39.4 18.4 58.4  
76 14.6 0.0 34.0

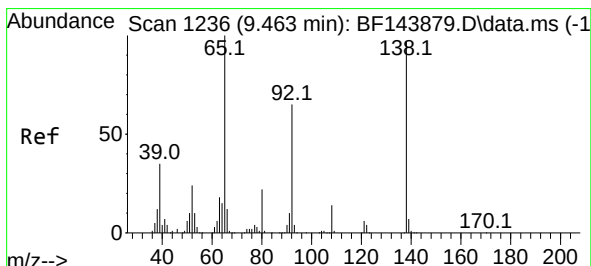
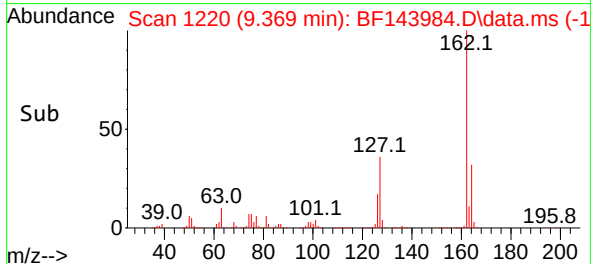
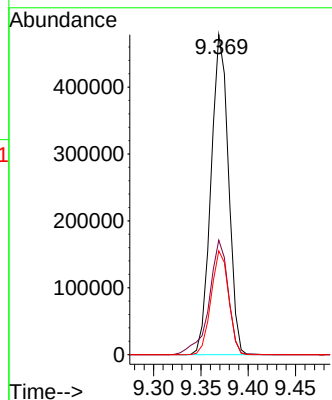
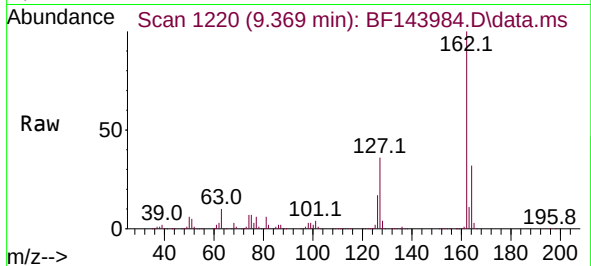




#47  
2-Chloronaphthalene  
Concen: 39.827 ng  
RT: 9.369 min Scan# 1220  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

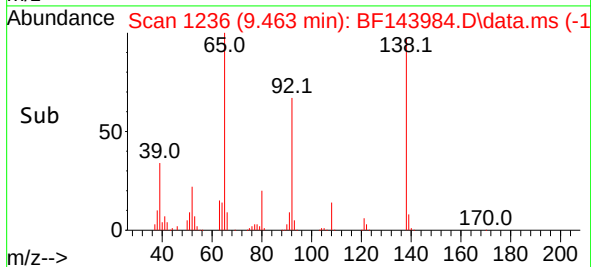
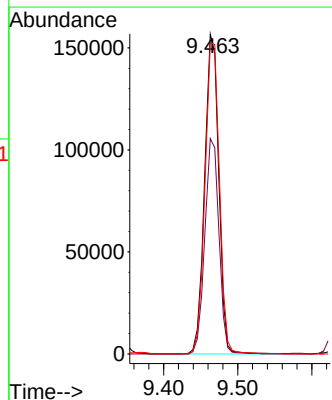
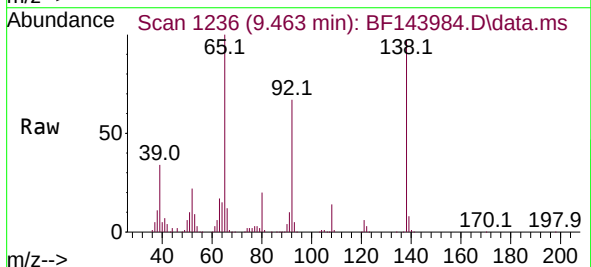
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

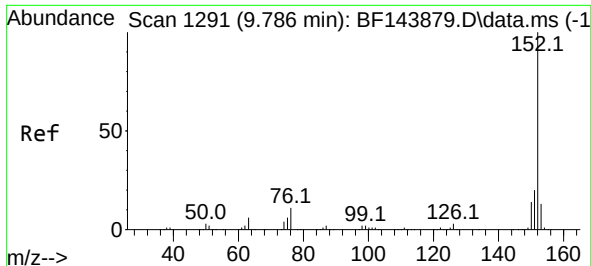
Tgt Ion:162 Resp: 613272  
Ion Ratio Lower Upper  
162 100  
127 35.8 30.2 45.2  
164 32.4 26.9 40.3



#48  
2-Nitroaniline  
Concen: 42.502 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion: 65 Resp: 206912  
Ion Ratio Lower Upper  
65 100  
92 67.3 52.1 78.1  
138 97.2 77.4 116.2





#49

Acenaphthylene

Concen: 38.094 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

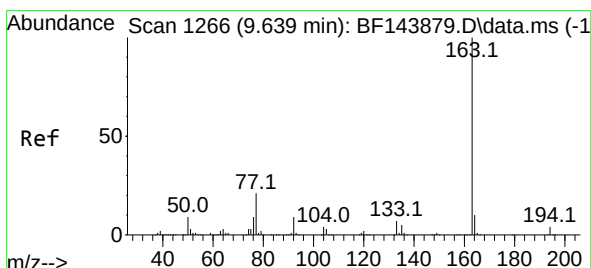
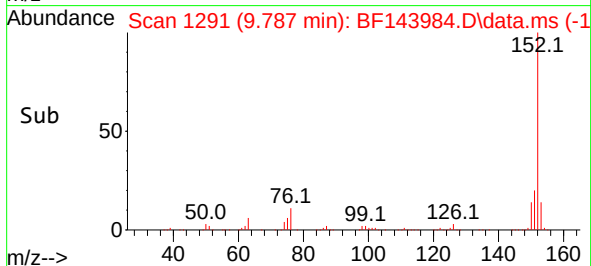
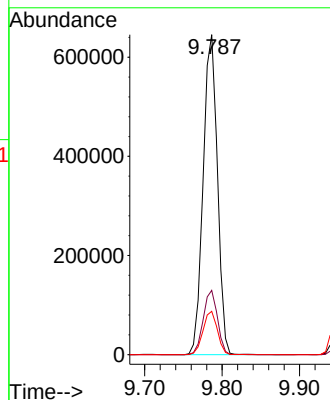
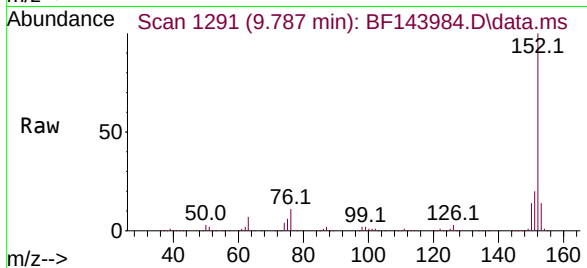
Tgt Ion:152 Resp: 824641

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 38.778 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

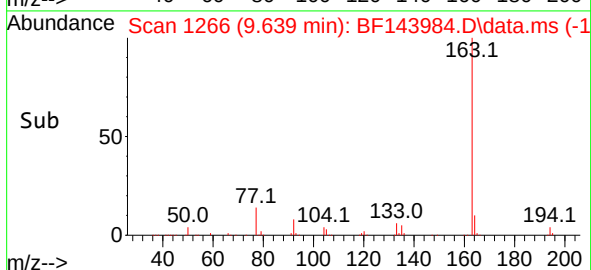
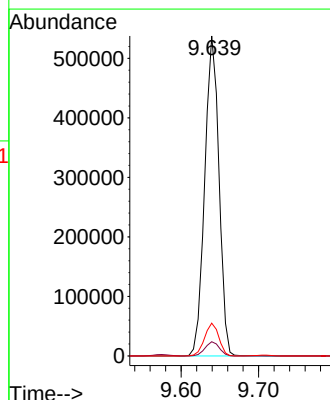
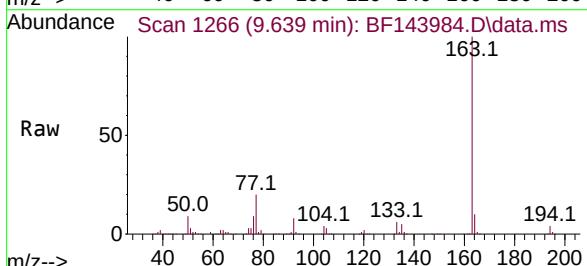
Tgt Ion:163 Resp: 686911

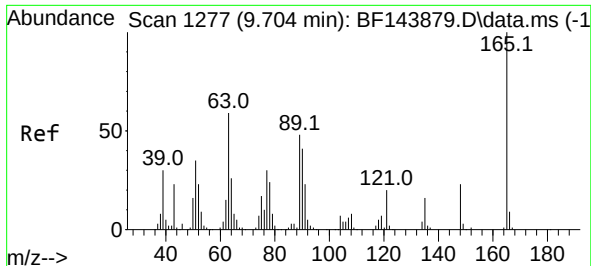
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.2 8.1 12.1

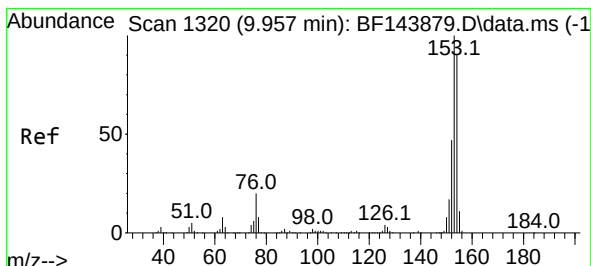
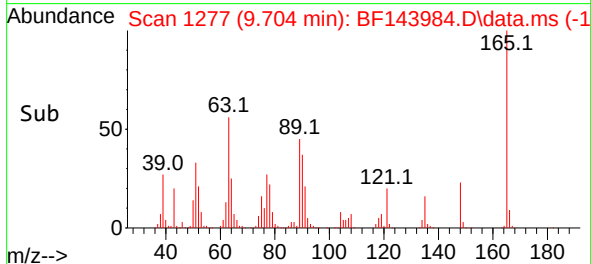
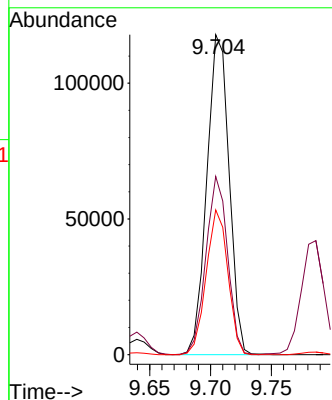
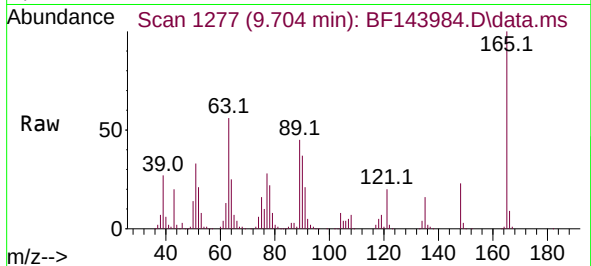




#51  
2,6-Dinitrotoluene  
Concen: 45.724 ng  
RT: 9.704 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

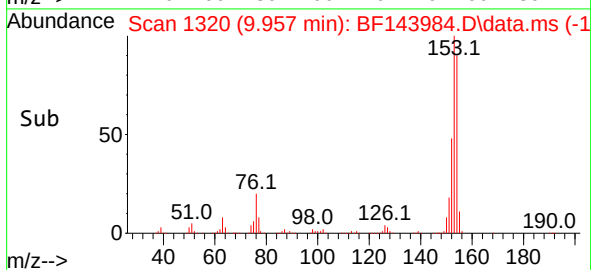
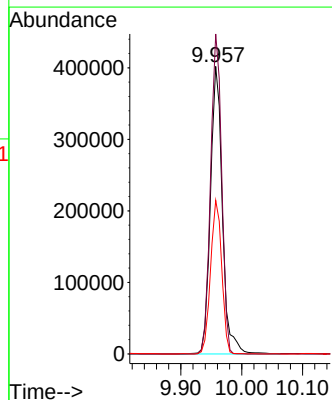
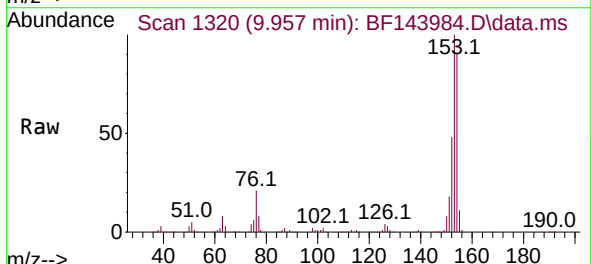
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

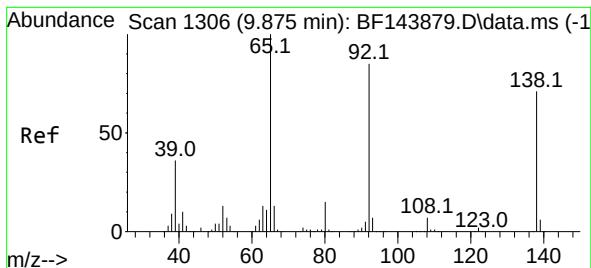
Tgt Ion:165 Resp: 150191  
Ion Ratio Lower Upper  
165 100  
63 55.7 47.3 70.9  
89 45.2 38.2 57.4



#52  
Acenaphthene  
Concen: 38.520 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:154 Resp: 546398  
Ion Ratio Lower Upper  
154 100  
153 111.3 89.3 133.9  
152 53.4 42.2 63.2





#53

3-Nitroaniline

Concen: 41.782 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

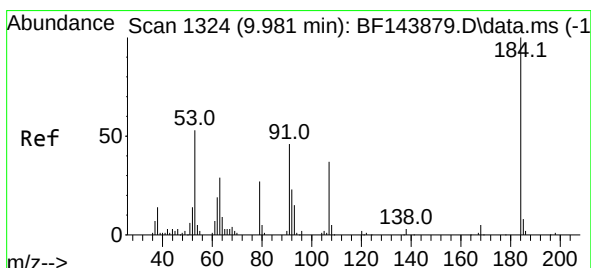
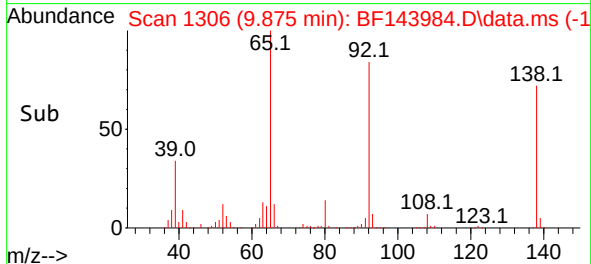
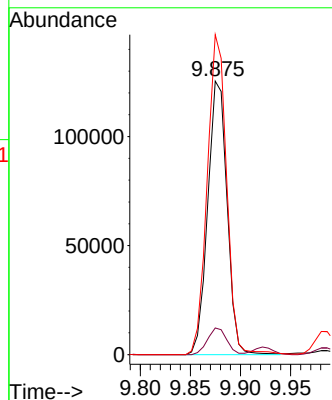
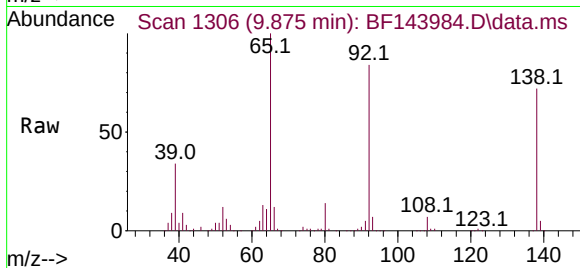
Tgt Ion:138 Resp: 168048

Ion Ratio Lower Upper

138 100

108 9.8 8.3 12.5

92 117.0 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 38.380 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

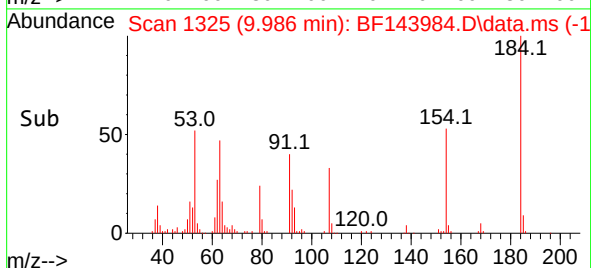
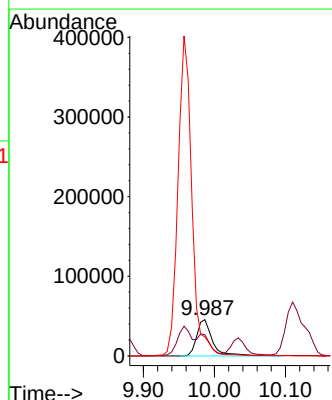
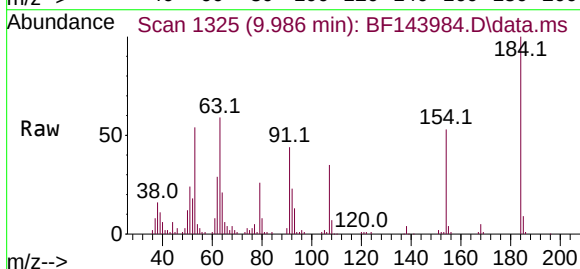
Tgt Ion:184 Resp: 69751

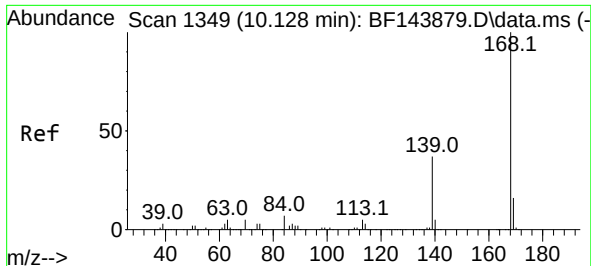
Ion Ratio Lower Upper

184 100

63 58.6 48.2 72.4

154 52.7 49.2 73.8





#55

Dibenzenofuran

Concen: 38.374 ng

RT: 10.134 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

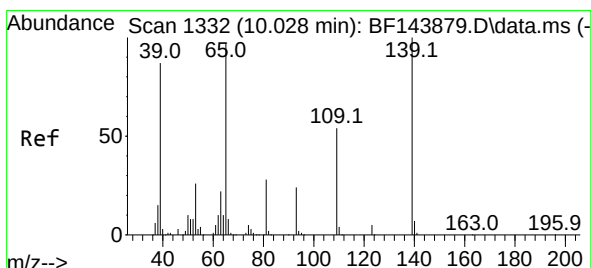
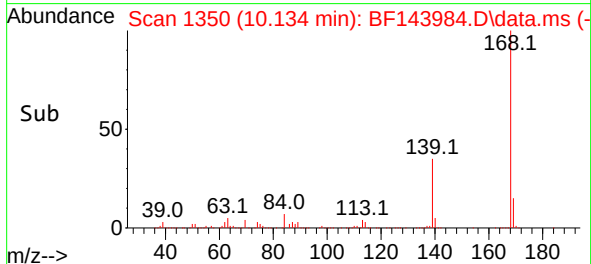
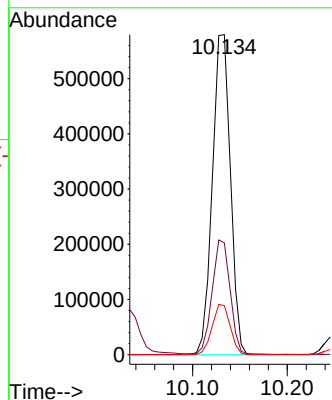
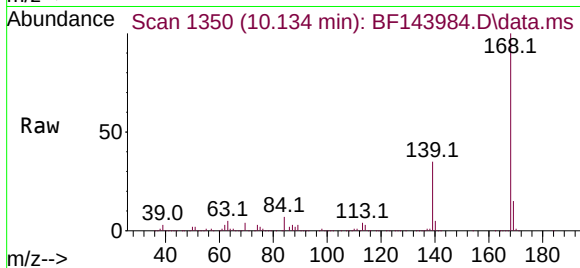
Tgt Ion:168 Resp: 768388

Ion Ratio Lower Upper

168 100

139 34.9 29.8 44.8

169 15.3 12.8 19.2



#56

4-Nitrophenol

Concen: 38.015 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

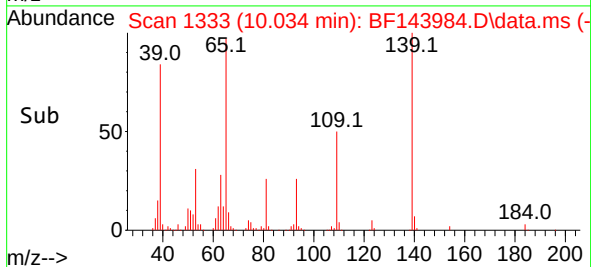
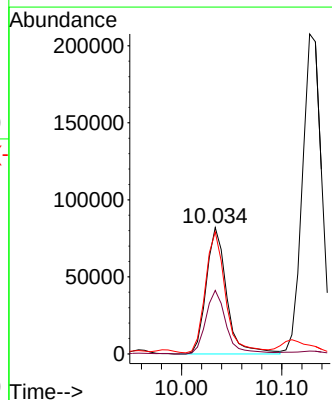
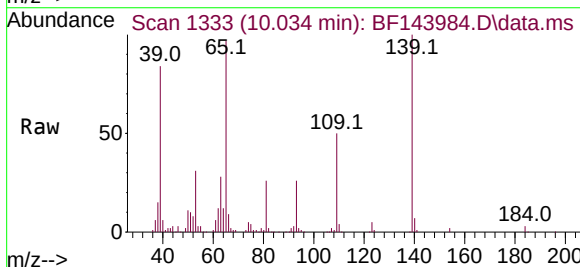
Tgt Ion:139 Resp: 115766

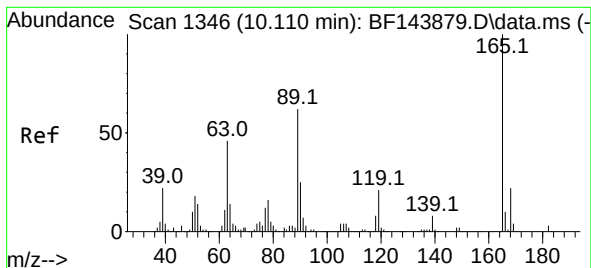
Ion Ratio Lower Upper

139 100

109 50.3 34.5 74.5

65 96.7 77.6 117.6

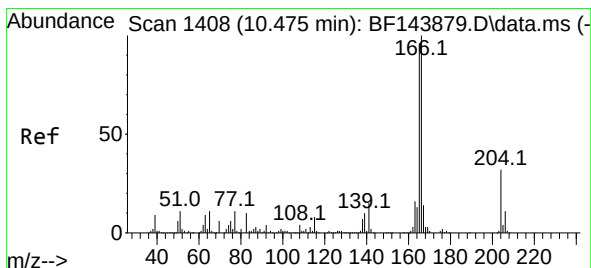
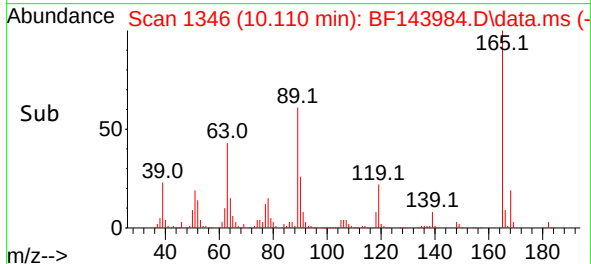
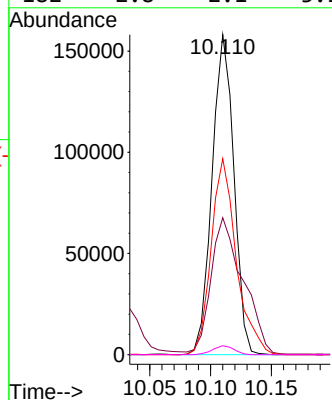
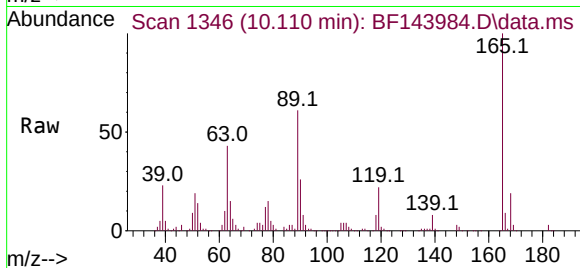




#57  
2,4-Dinitrotoluene  
Concen: 44.073 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

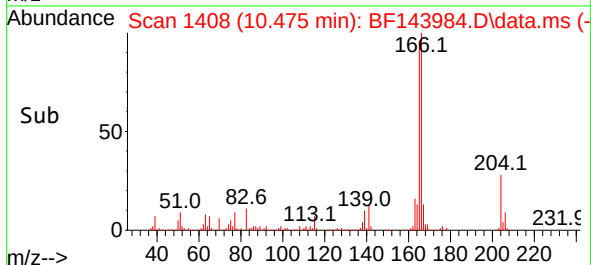
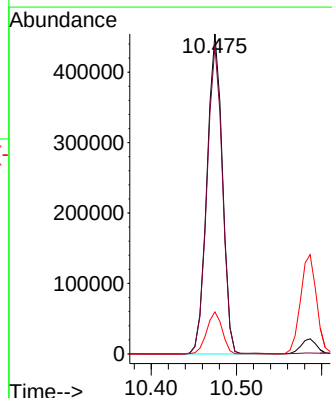
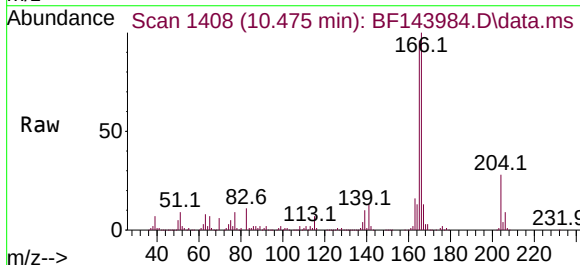
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 196974  
Ion Ratio Lower Upper  
165 100  
63 42.8 37.2 55.8  
89 61.2 49.4 74.2  
182 2.8 2.1 3.1

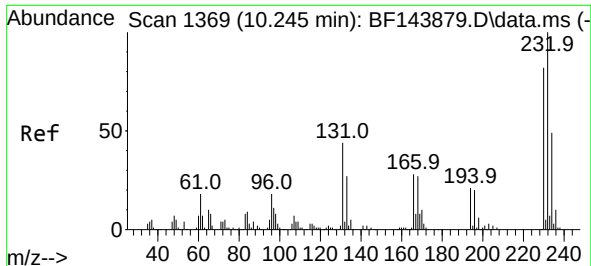


#58  
Fluorene  
Concen: 37.860 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:166 Resp: 572032  
Ion Ratio Lower Upper  
166 100  
165 96.1 77.0 115.6  
167 13.1 11.1 16.7







#59

2,3,4,6-Tetrachlorophenol

Concen: 39.380 ng

RT: 10.251 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 165942

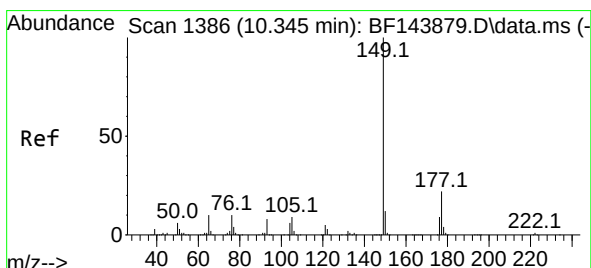
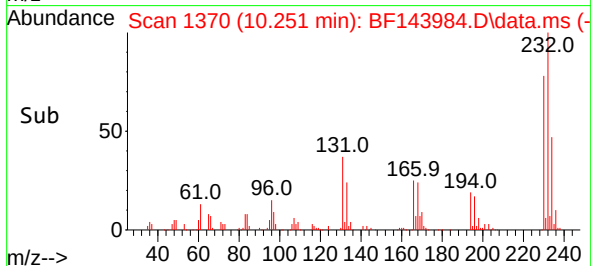
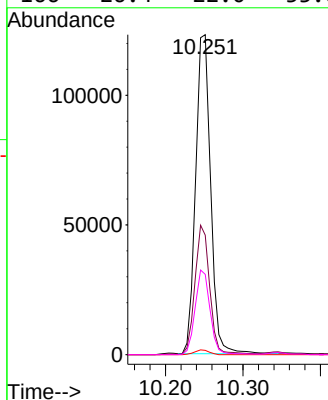
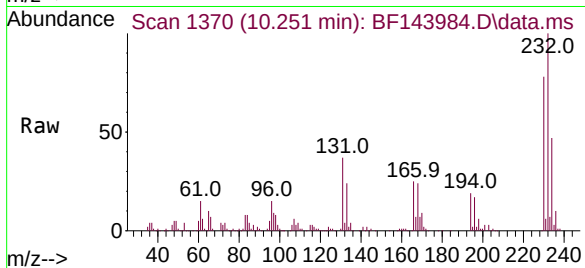
Ion Ratio Lower Upper

232 100

131 40.1 34.9 52.3

130 1.4 1.6 2.4

166 26.4 22.0 33.0



#60

Diethylphthalate

Concen: 38.019 ng

RT: 10.345 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

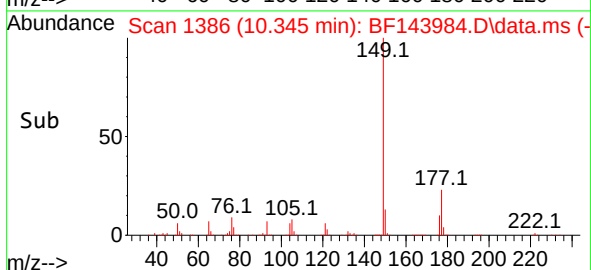
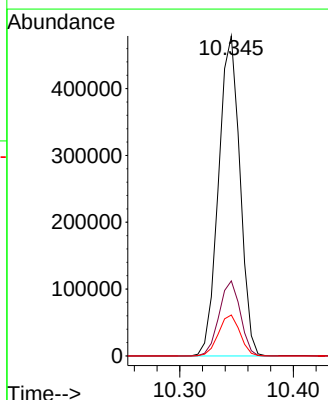
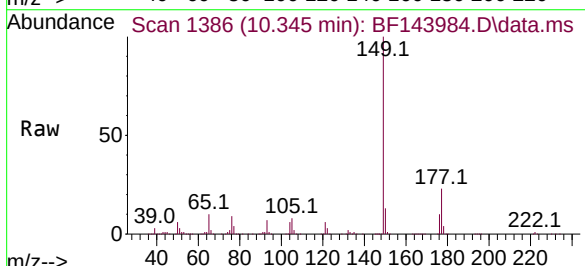
Tgt Ion:149 Resp: 625668

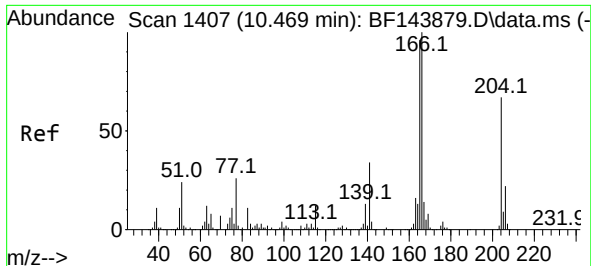
Ion Ratio Lower Upper

149 100

177 23.4 17.9 26.9

150 12.8 9.8 14.8

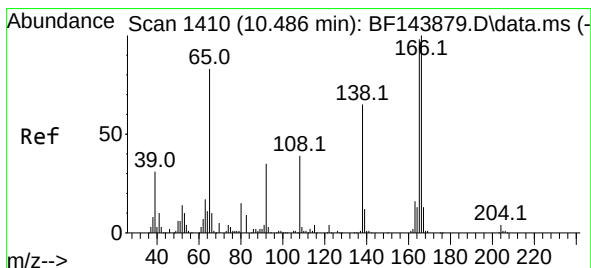
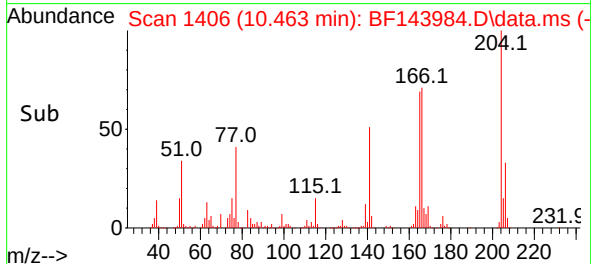
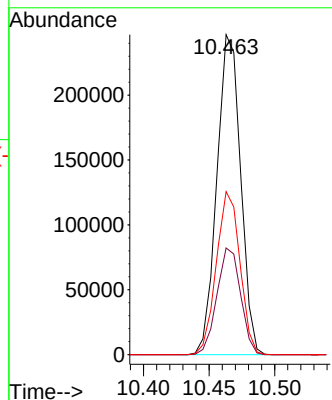
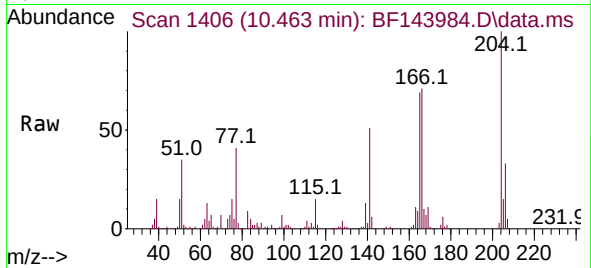




#61  
4-Chlorophenyl-phenylether  
Concen: 38.926 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

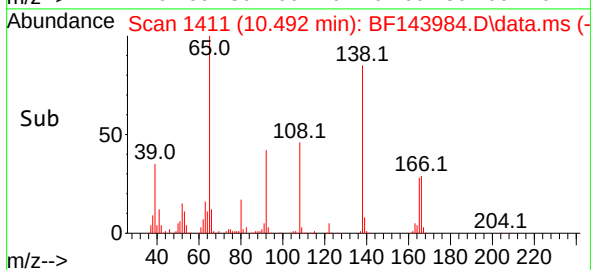
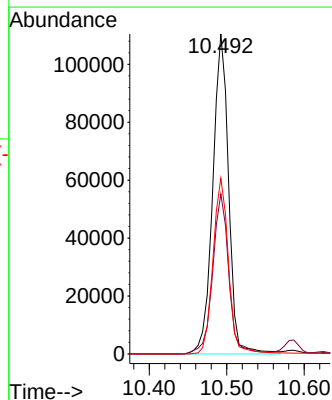
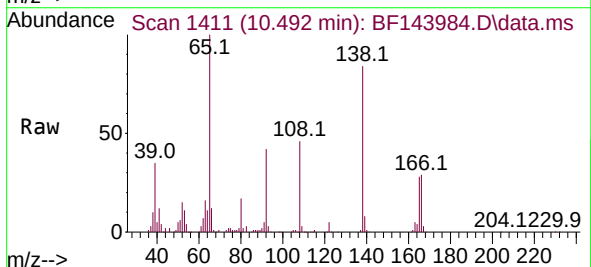
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

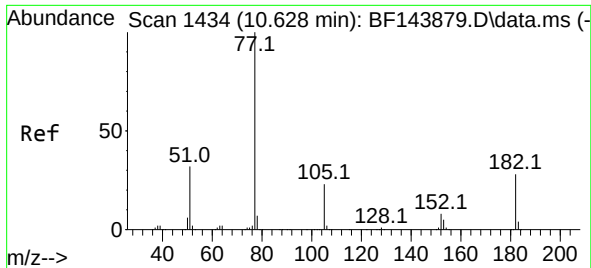
Tgt Ion:204 Resp: 310943  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.6 40.0  
141 50.9 40.4 60.6



#62  
4-Nitroaniline  
Concen: 40.536 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.017 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:138 Resp: 156780  
Ion Ratio Lower Upper  
138 100  
92 50.0 33.9 73.9  
108 54.9 40.2 80.2

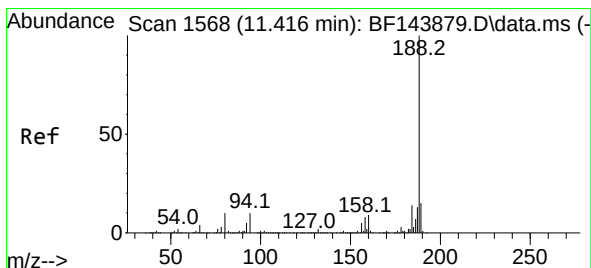
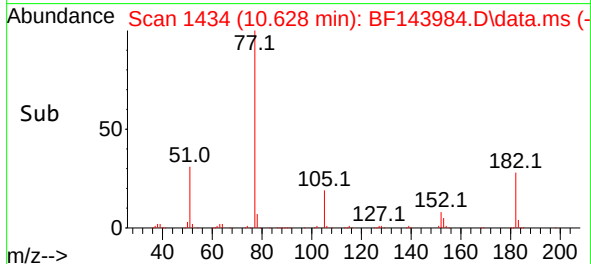
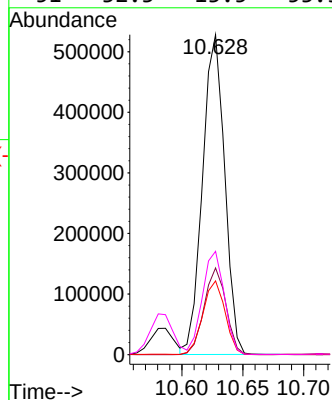
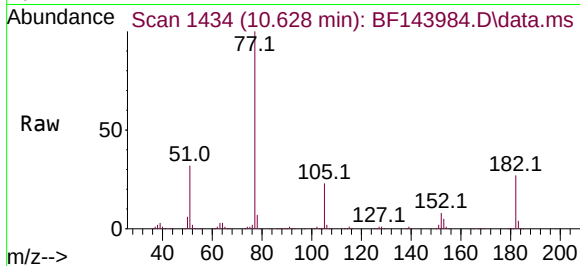




#63  
Azobenzene  
Concen: 38.820 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

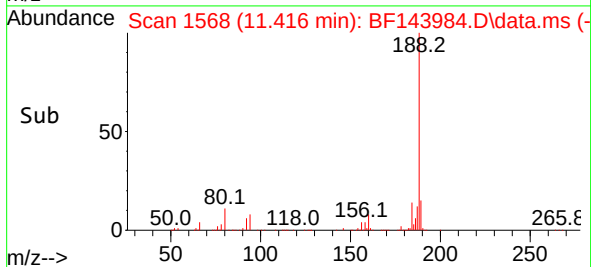
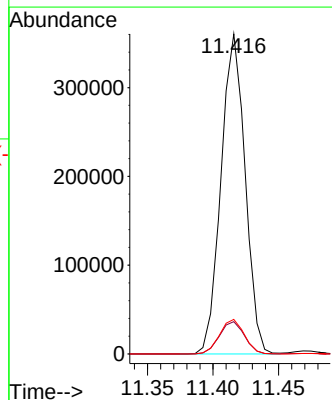
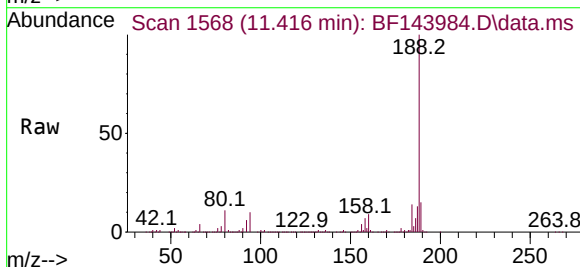
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

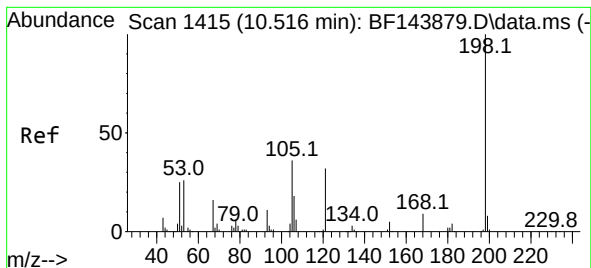
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 667677 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.1    | 7.3 47.3     |
| 105 23.0    | 3.0 43.0     |
| 51 32.3     | 13.5 53.5    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:188 | Resp: | 461614 |       |
| Ion         | Ratio | Lower  | Upper |
| 188         | 100   |        |       |
| 94          | 10.1  | 7.8    | 11.6  |
| 80          | 10.8  | 7.9    | 11.9  |

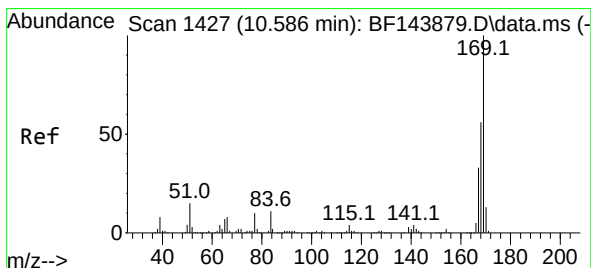
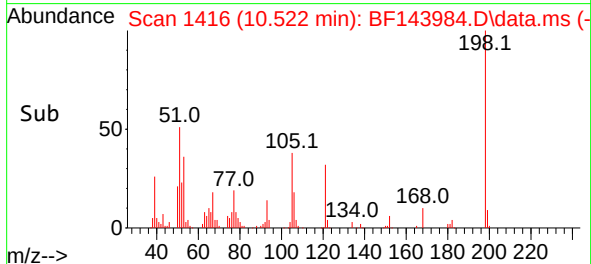
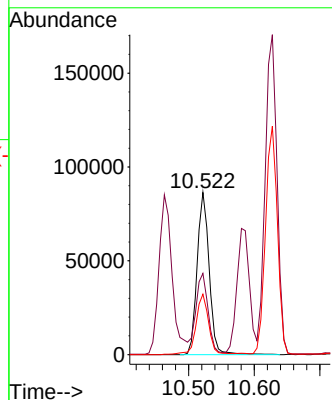
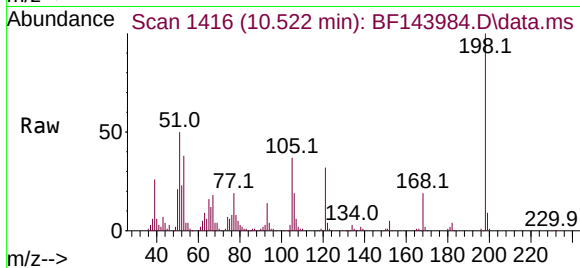




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.480 ng  
RT: 10.522 min Scan# 1415  
Delta R.T. -0.012 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

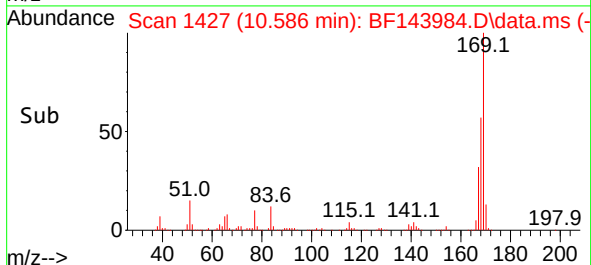
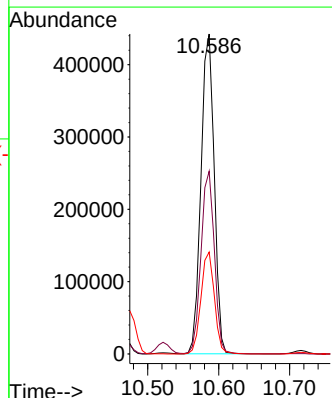
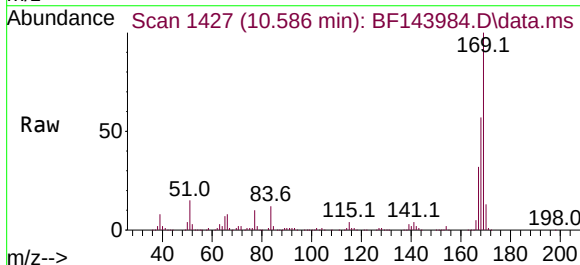
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

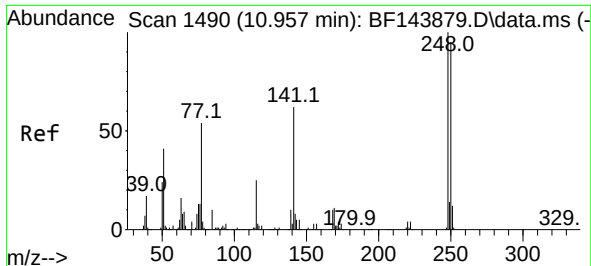
Tgt Ion:198 Resp: 110141  
Ion Ratio Lower Upper  
198 100  
51 50.1 33.8 73.8  
105 37.2 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 39.233 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:169 Resp: 568648  
Ion Ratio Lower Upper  
169 100  
168 57.1 44.9 67.3  
167 31.9 26.3 39.5

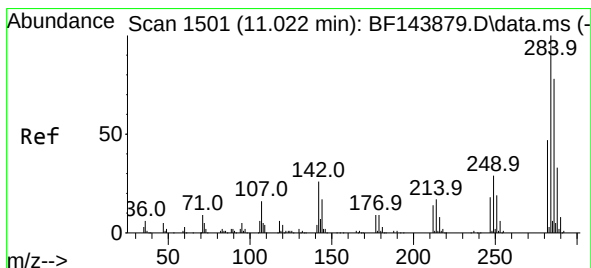
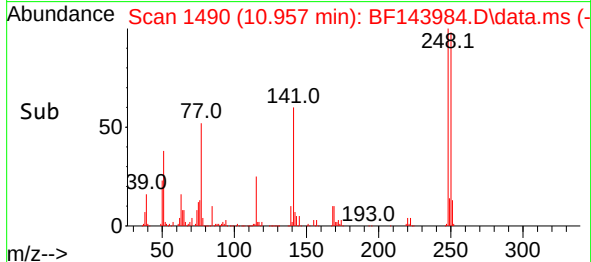
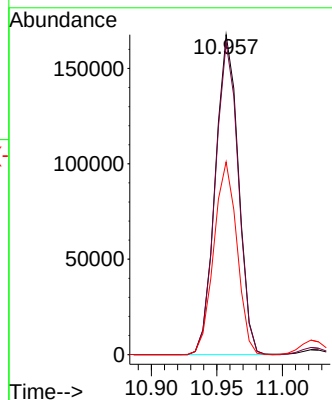
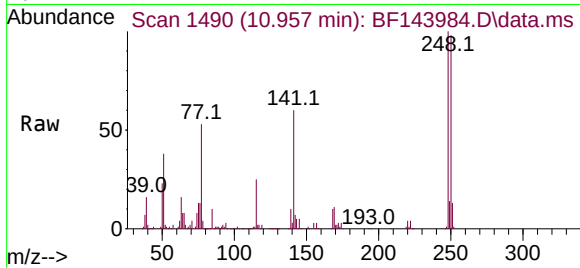




#67  
4-Bromophenyl-phenylether  
Concen: 40.366 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

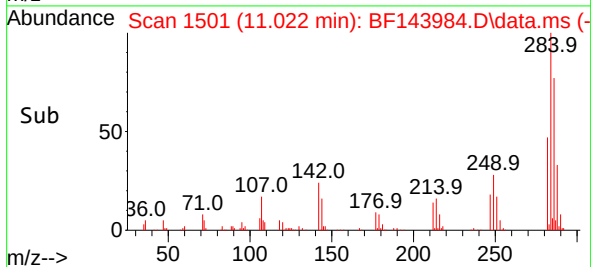
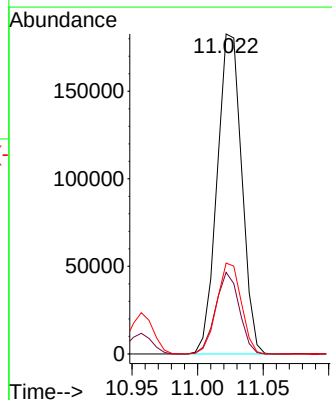
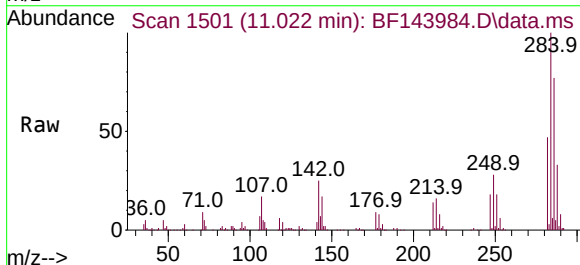
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

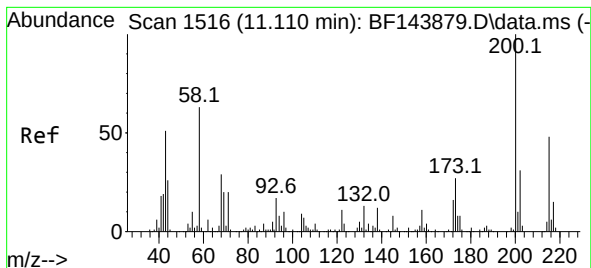
Tgt Ion:248 Resp: 205930  
Ion Ratio Lower Upper  
248 100  
250 97.5 76.3 114.5  
141 60.2 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 40.500 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:284 Resp: 239195  
Ion Ratio Lower Upper  
284 100  
142 25.5 20.6 30.8  
249 28.4 23.2 34.8





#69

Atrazine

Concen: 38.641 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

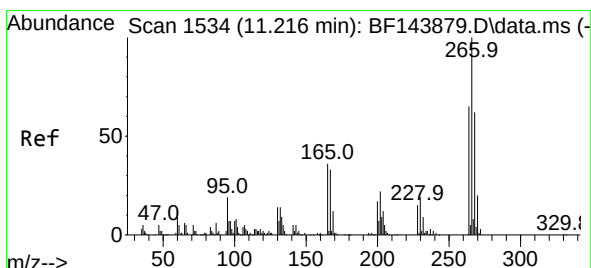
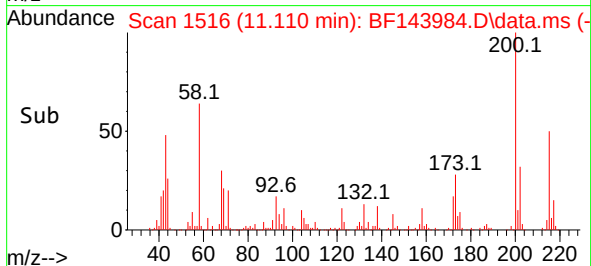
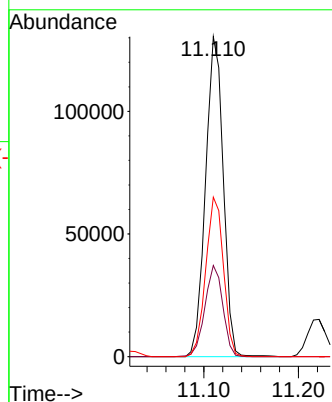
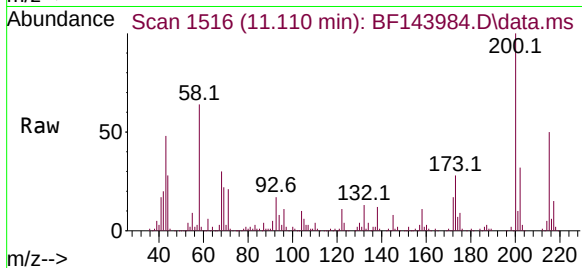
Tgt Ion:200 Resp: 169754

Ion Ratio Lower Upper

200 100

173 28.5 7.0 47.0

215 49.8 27.8 67.8



#70

Pentachlorophenol

Concen: 37.622 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

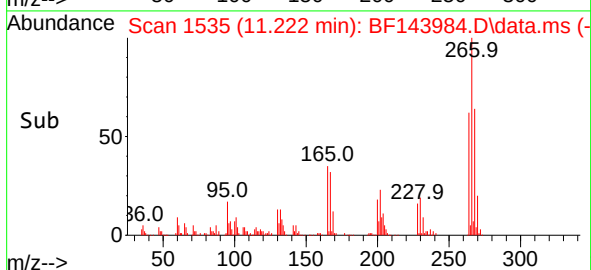
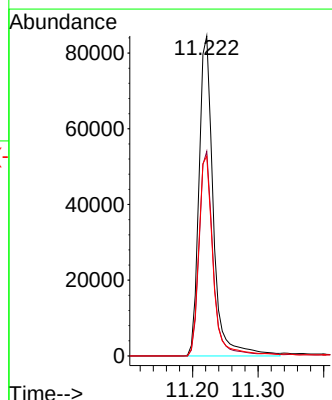
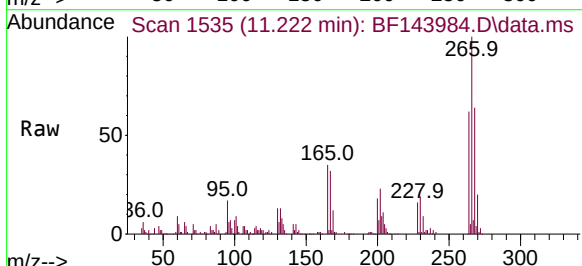
Tgt Ion:266 Resp: 127614

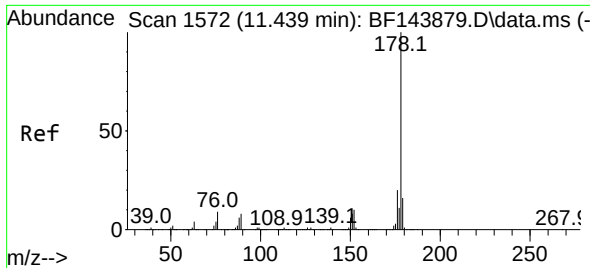
Ion Ratio Lower Upper

266 100

268 63.9 49.4 74.0

264 62.4 51.8 77.6

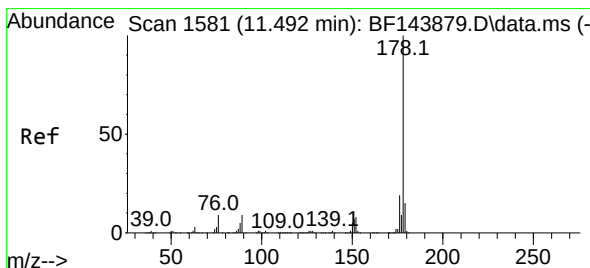
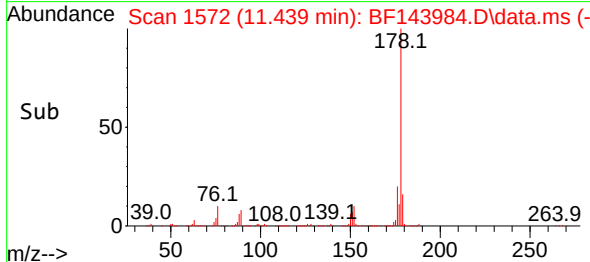
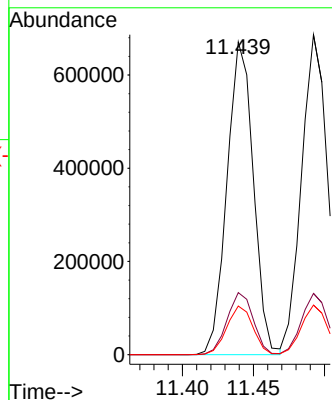
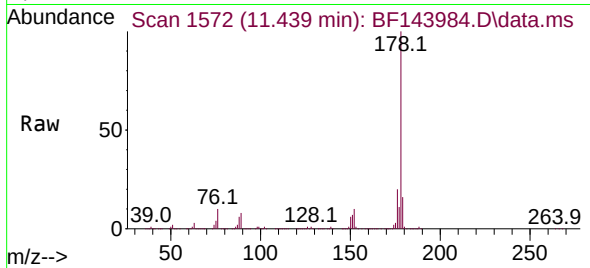




#71  
Phenanthrene  
Concen: 38.651 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

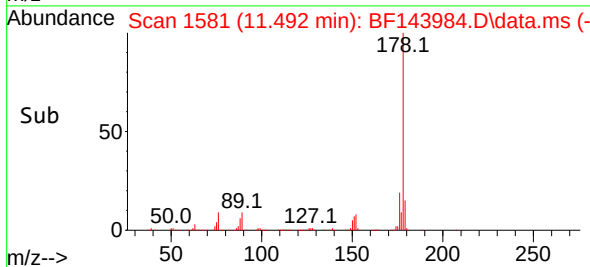
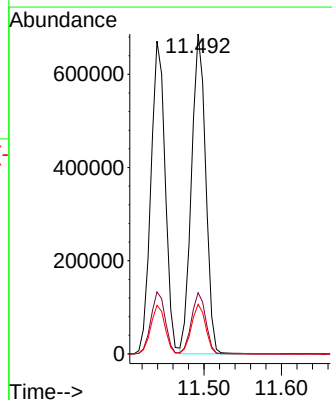
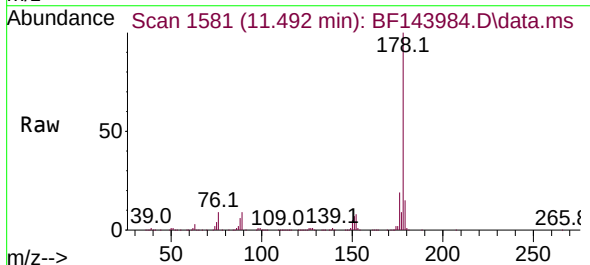
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

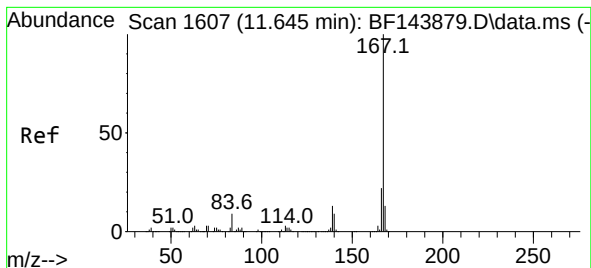
Tgt Ion:178 Resp: 864978  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.9 23.9  
179 15.5 12.4 18.6



#72  
Anthracene  
Concen: 38.599 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:178 Resp: 872658  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.9 22.3  
179 15.5 12.2 18.2





#73

Carbazole

Concen: 38.072 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

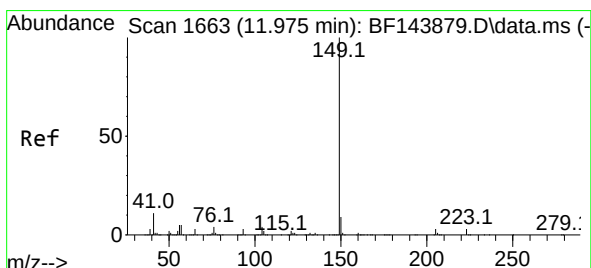
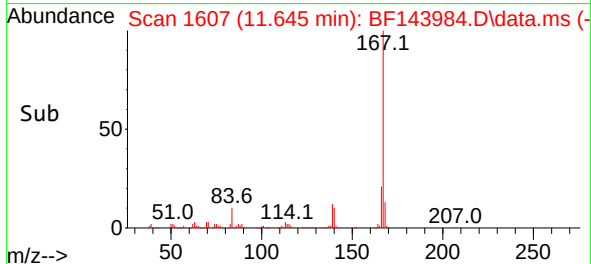
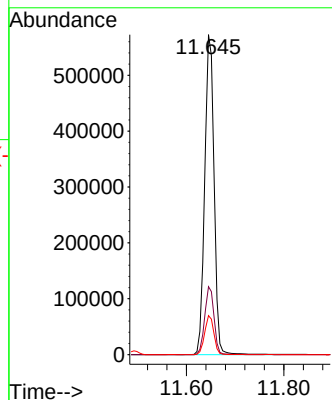
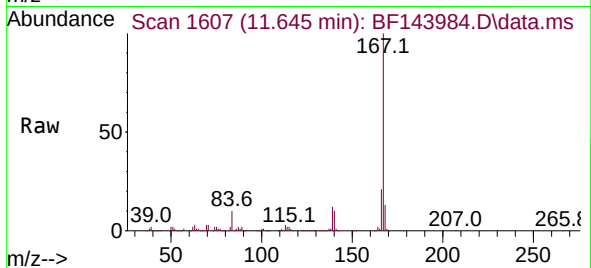
Tgt Ion:167 Resp: 762337

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.2 10.1 15.1



#74

Di-n-butylphthalate

Concen: 40.081 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

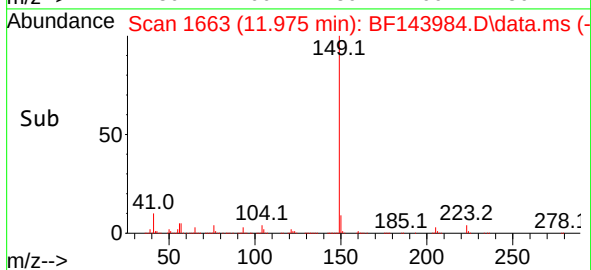
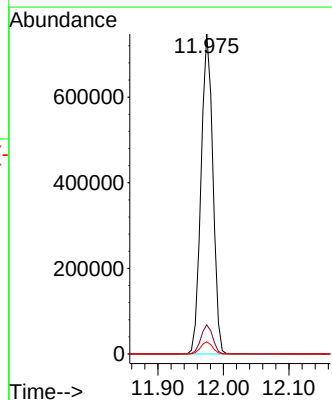
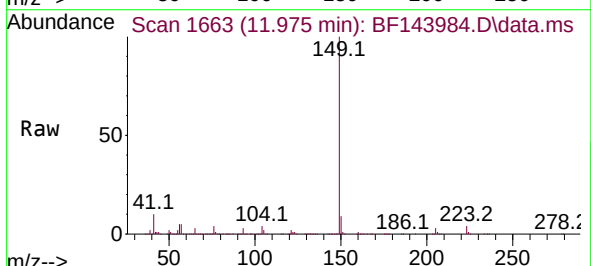
Tgt Ion:149 Resp: 930145

Ion Ratio Lower Upper

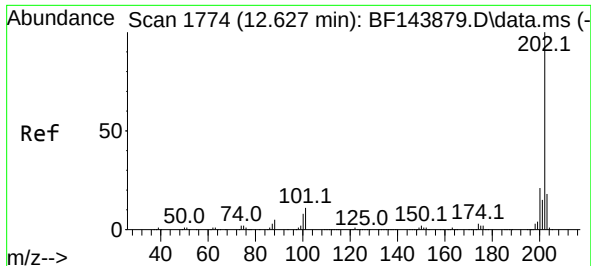
149 100

150 9.1 7.4 11.2

104 3.8 3.4 5.2



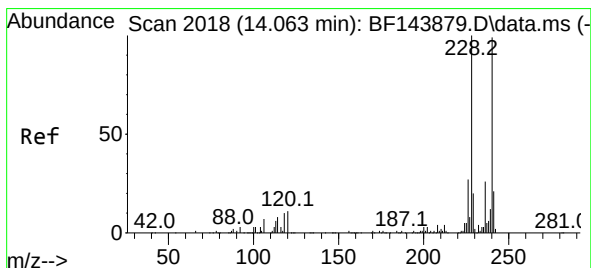
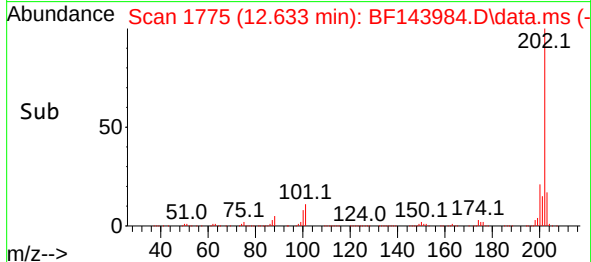
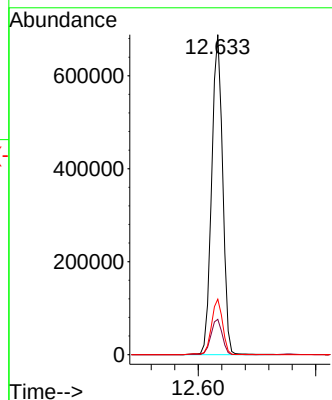
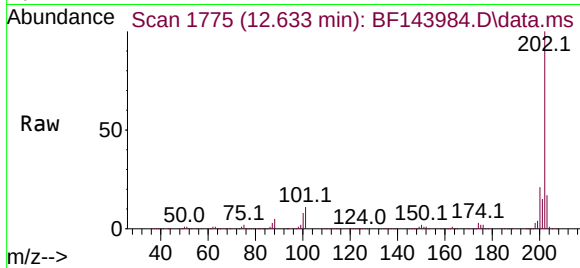




#75  
Fluoranthene  
Concen: 38.579 ng  
RT: 12.633 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

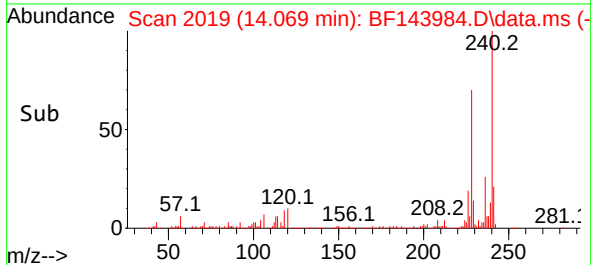
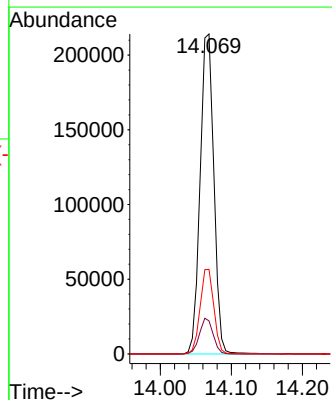
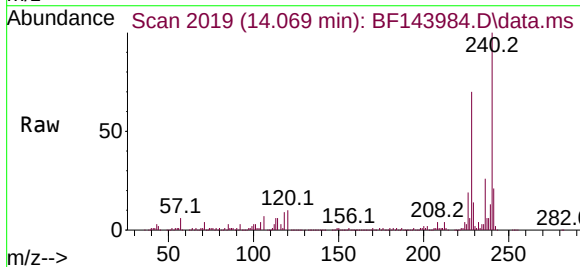
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

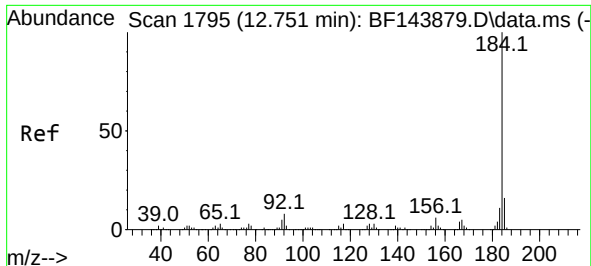
Tgt Ion:202 Resp: 891783  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 30.7  
203 17.3 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2019  
Delta R.T. 0.001 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:240 Resp: 286617  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.6 13.0  
236 26.4 21.1 31.7

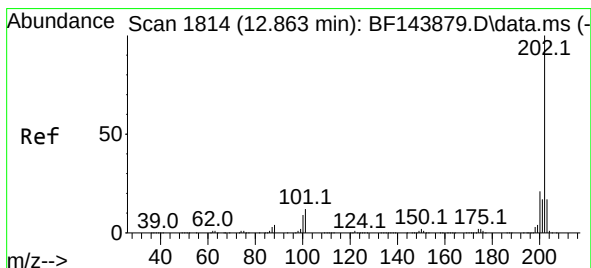
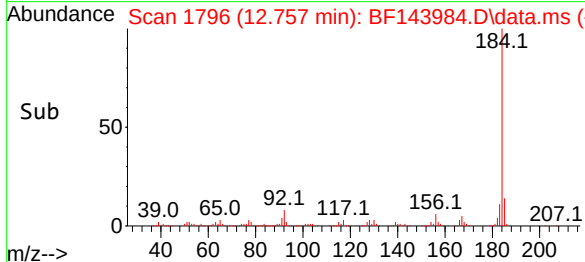
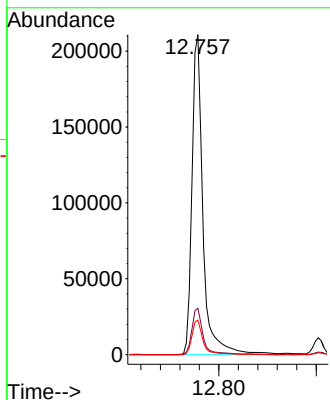
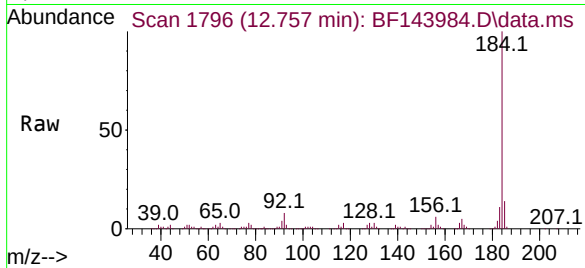




#77  
Benzidine  
Concen: 33.035 ng  
RT: 12.757 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

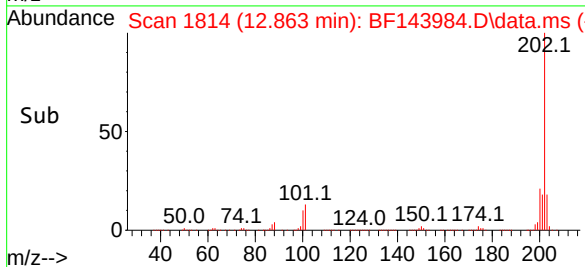
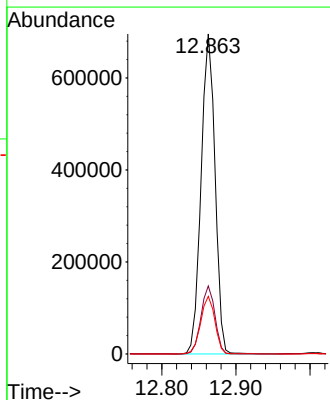
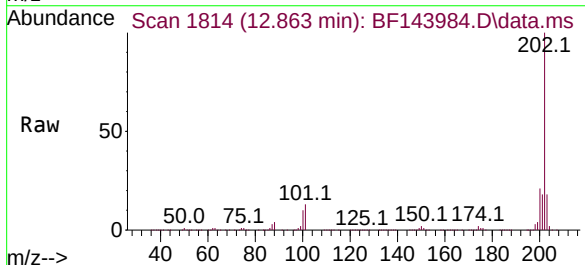
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

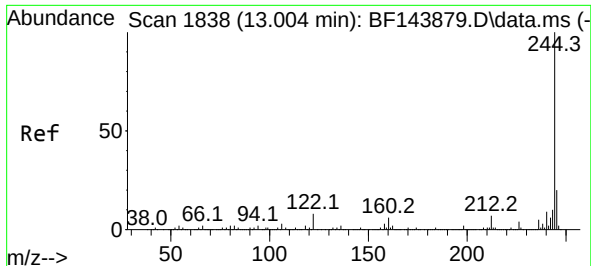
Tgt Ion:184 Resp: 328763  
Ion Ratio Lower Upper  
184 100  
185 14.5 12.6 18.8  
183 10.8 8.8 13.2



#78  
Pyrene  
Concen: 38.018 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:202 Resp: 908439  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 18.0 13.8 20.6

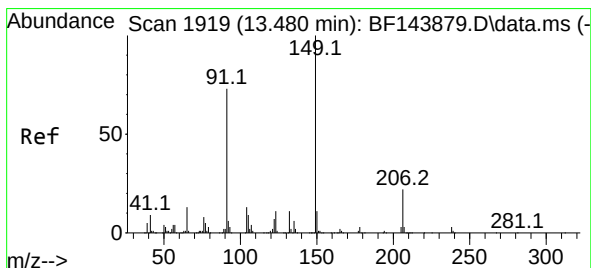
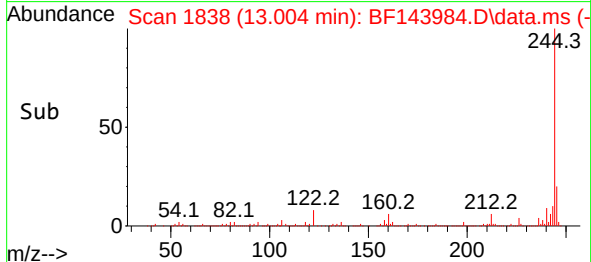
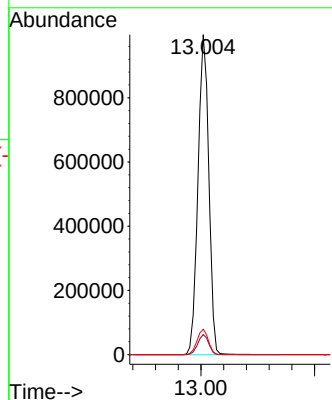
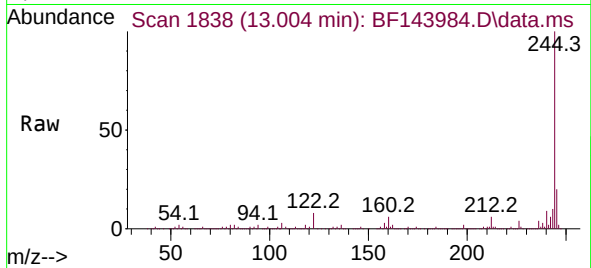




#79  
 Terphenyl-d14  
 Concen: 78.038 ng  
 RT: 13.004 min Scan# 1838  
 Delta R.T. -0.006 min  
 Lab File: BF143984.D  
 Acq: 17 Oct 2025 14:43

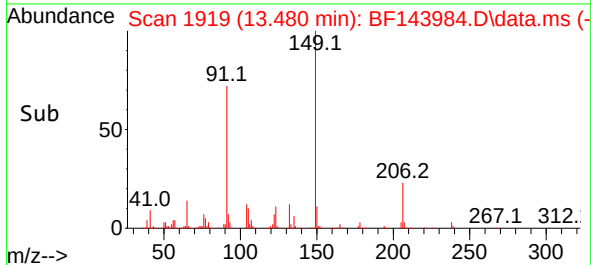
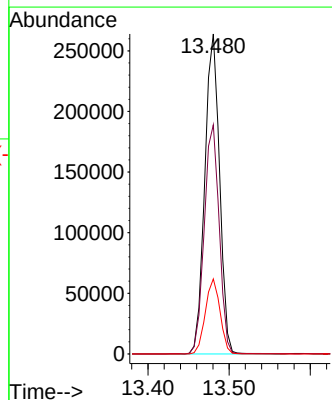
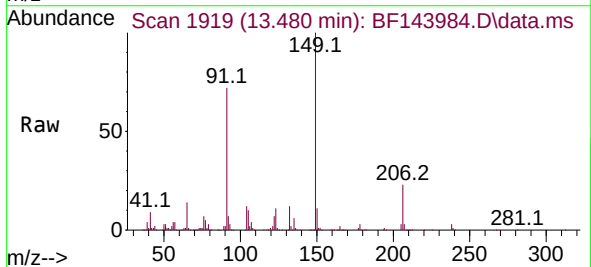
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

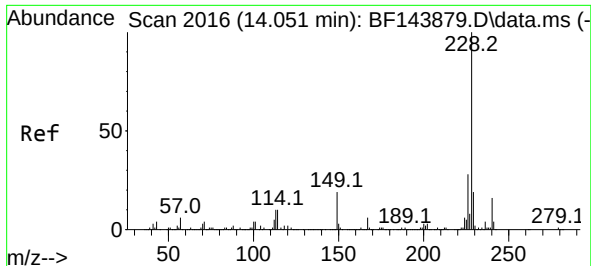
Tgt Ion:244 Resp: 1308721  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.4 8.0  
 122 7.9 6.4 9.6



#80  
 Butylbenzylphthalate  
 Concen: 43.034 ng  
 RT: 13.480 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BF143984.D  
 Acq: 17 Oct 2025 14:43

Tgt Ion:149 Resp: 333959  
 Ion Ratio Lower Upper  
 149 100  
 91 71.6 58.2 87.2  
 206 23.4 17.9 26.9

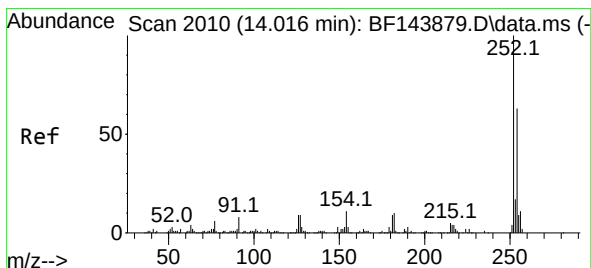
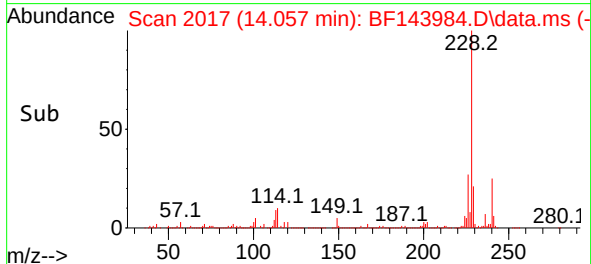
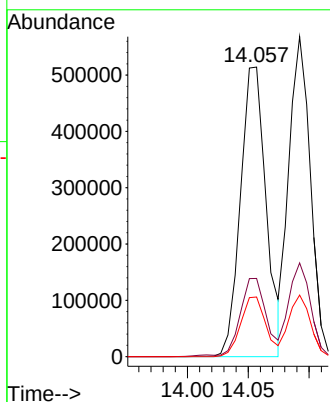
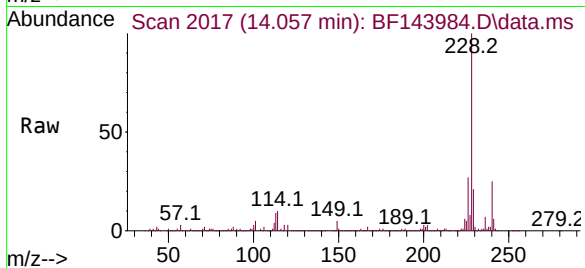




#81  
Benzo(a)anthracene  
Concen: 40.339 ng  
RT: 14.057 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

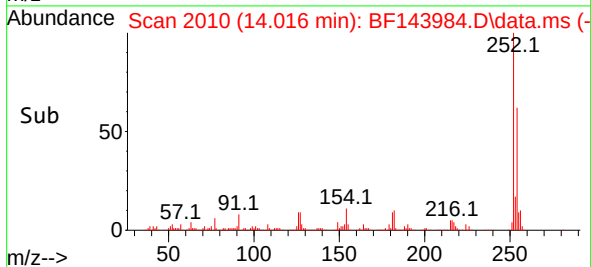
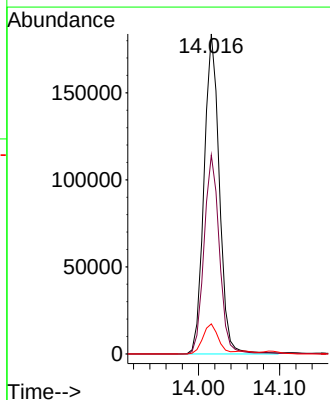
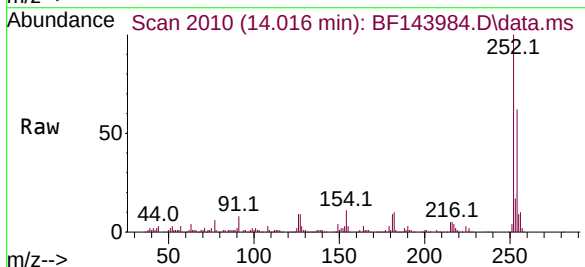
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

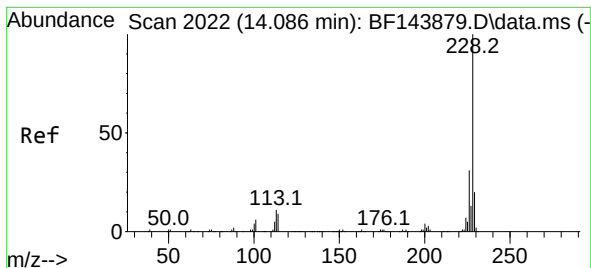
Tgt Ion:228 Resp: 756604  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.2 33.2  
229 20.6 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 42.150 ng  
RT: 14.016 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:252 Resp: 240929  
Ion Ratio Lower Upper  
252 100  
254 62.1 50.6 76.0  
126 9.4 7.0 10.6





#83

Chrysene

Concen: 40.402 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

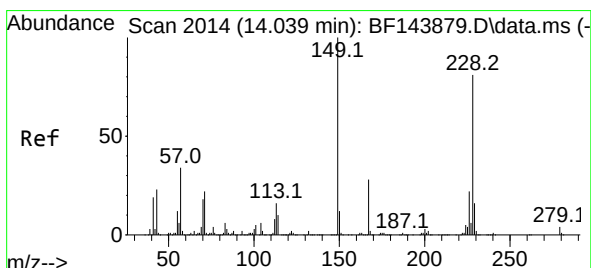
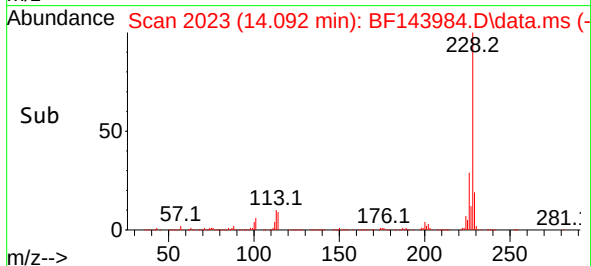
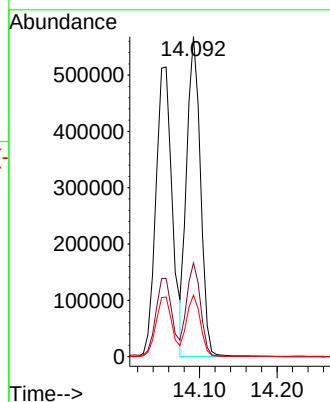
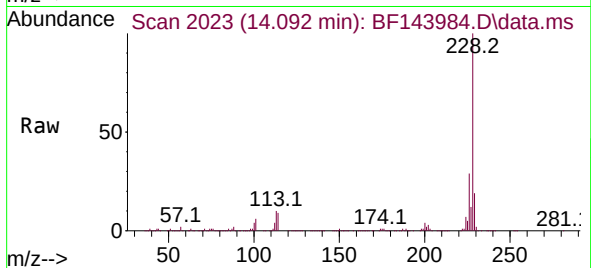
Tgt Ion:228 Resp: 701361

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.371 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

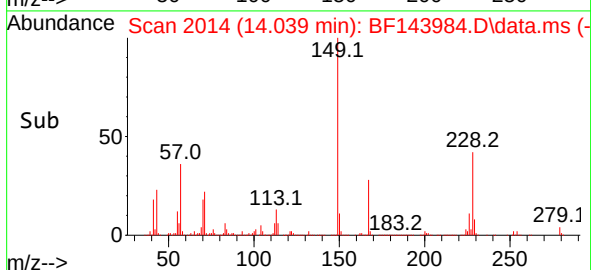
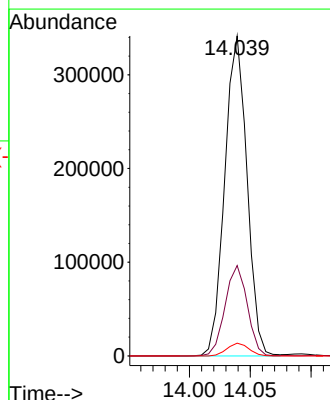
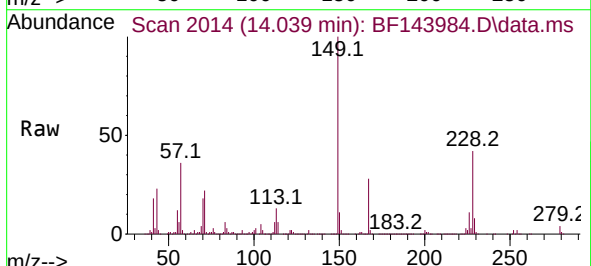
Tgt Ion:149 Resp: 433781

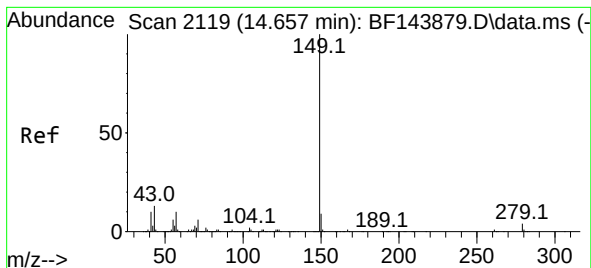
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 49.093 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

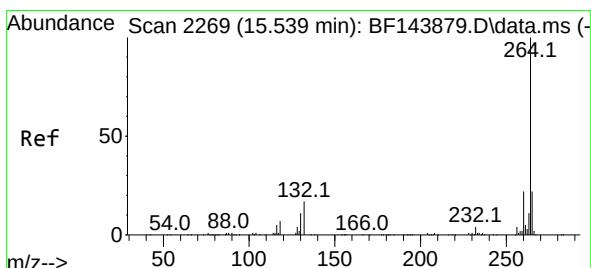
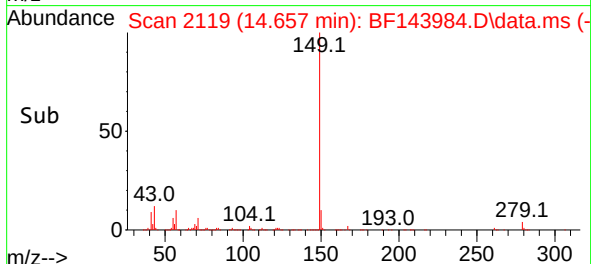
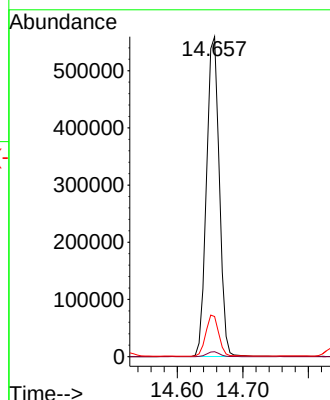
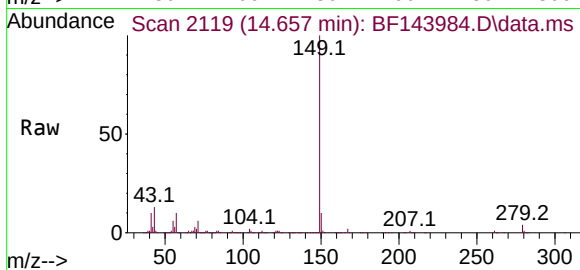
Tgt Ion:149 Resp: 754279

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 13.1 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

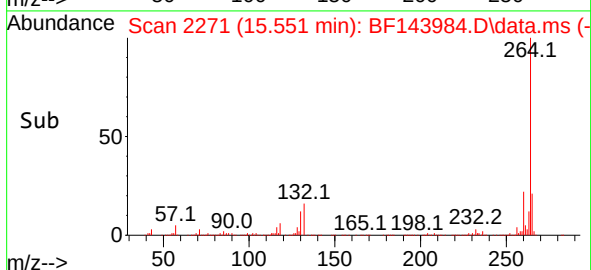
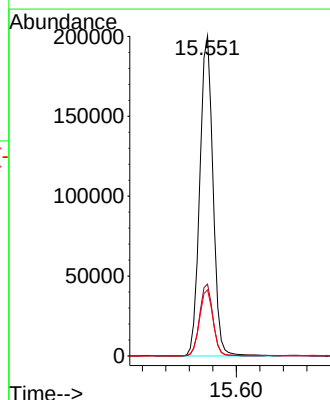
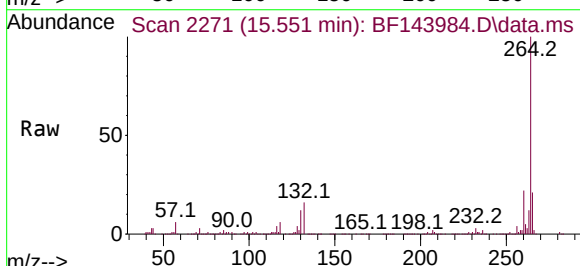
Tgt Ion:264 Resp: 311878

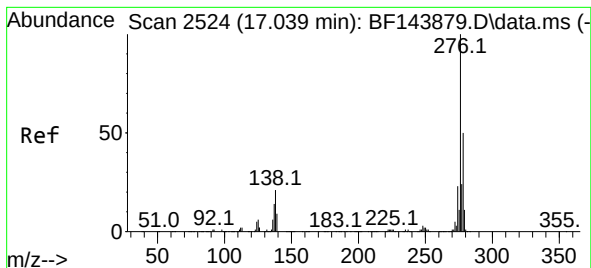
Ion Ratio Lower Upper

264 100

260 22.4 17.8 26.8

265 20.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.469 ng

RT: 17.057 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

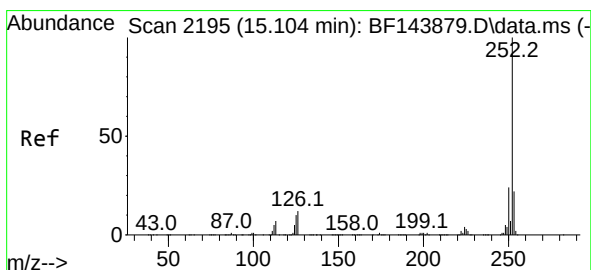
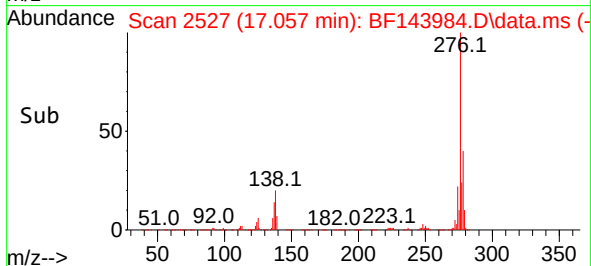
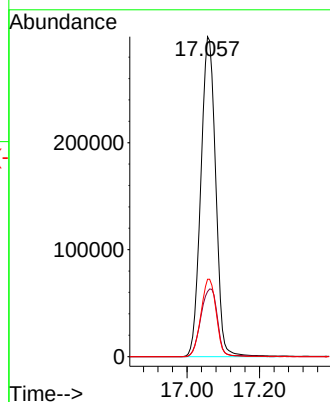
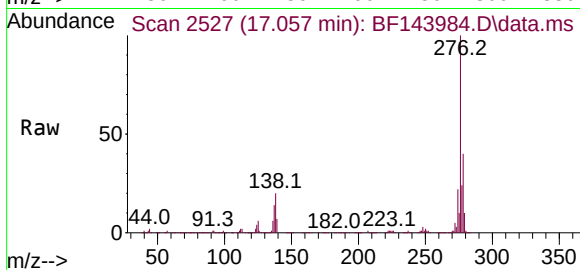
Tgt Ion:276 Resp: 849811

Ion Ratio Lower Upper

276 100

138 23.4 18.2 27.2

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 39.229 ng

RT: 15.116 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143984.D

Acq: 17 Oct 2025 14:43

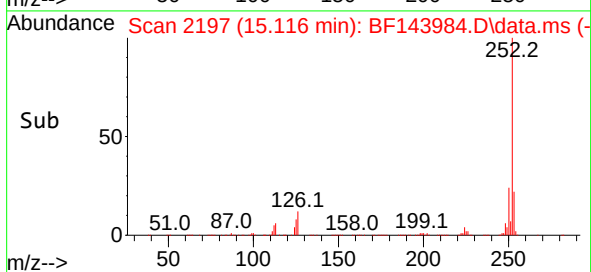
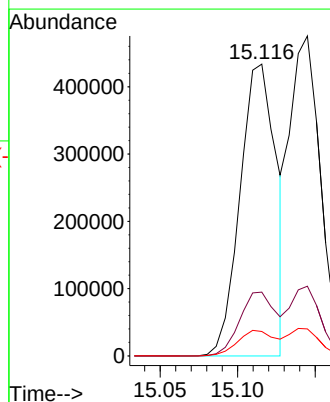
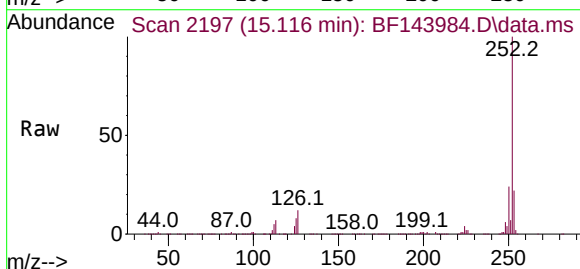
Tgt Ion:252 Resp: 702798

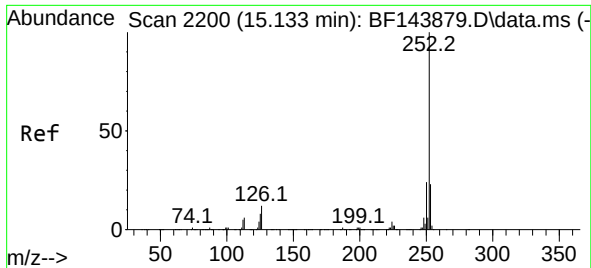
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.3 7.8 11.6

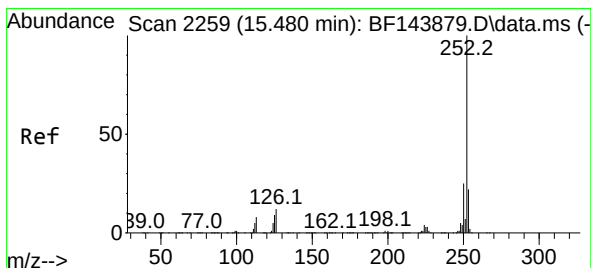
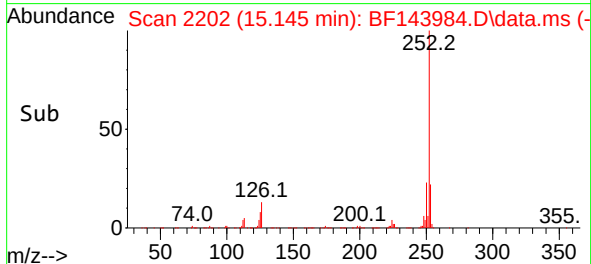
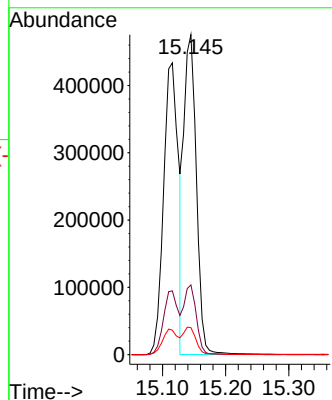
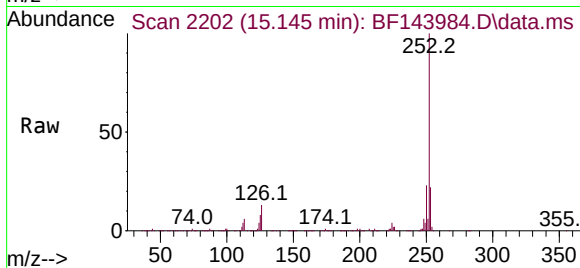




#89  
Benzo(k)fluoranthene  
Concen: 39.648 ng  
RT: 15.145 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

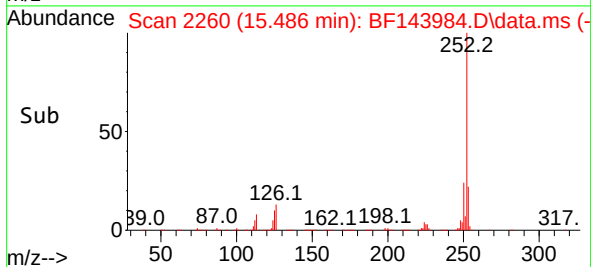
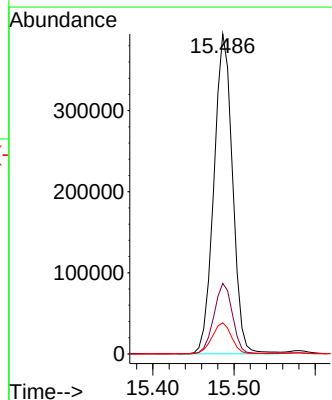
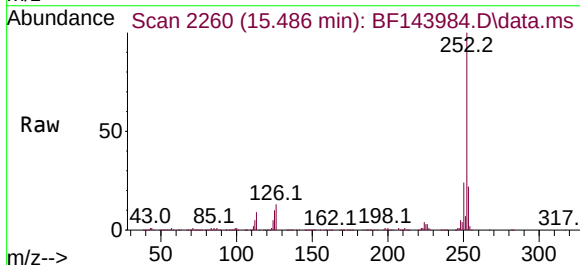
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 657259  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 8.4 7.4 11.2

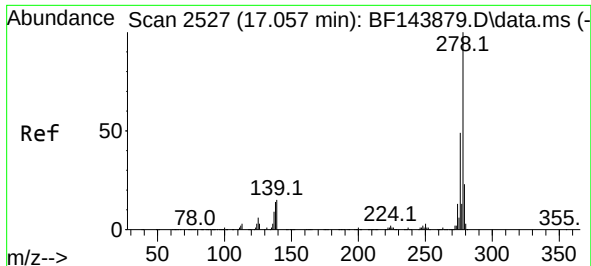


#90  
Benzo(a)pyrene  
Concen: 40.477 ng  
RT: 15.486 min Scan# 2260  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:252 Resp: 628775  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.3 25.9  
125 9.8 7.0 10.4



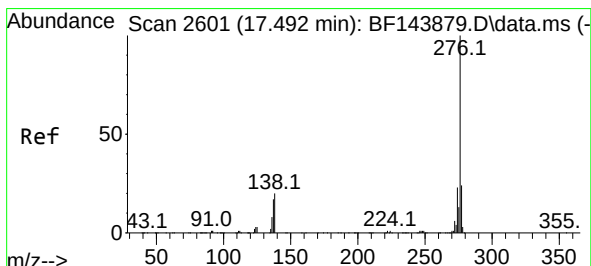
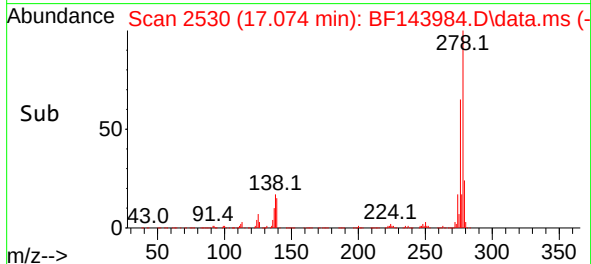
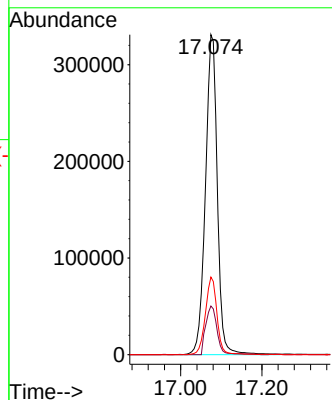
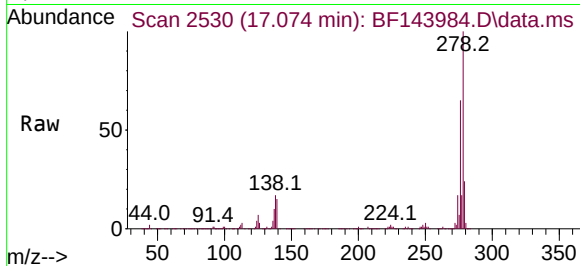




#91  
Dibenzo(a,h)anthracene  
Concen: 43.846 ng  
RT: 17.074 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 673892  
Ion Ratio Lower Upper  
278 100  
139 15.2 11.7 17.5  
279 24.2 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 43.916 ng  
RT: 17.515 min Scan# 2605  
Delta R.T. 0.000 min  
Lab File: BF143984.D  
Acq: 17 Oct 2025 14:43

Tgt Ion:276 Resp: 674970  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.6  
138 21.3 16.1 24.1

