

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144077.D  
 Acq On : 27 Oct 2025 11:56  
 Operator : RC/JU  
 Sample : PB170210BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170210BS

Quant Time: Oct 27 12:33:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 69633    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 270699   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 145913   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 270812   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.062 | 240  | 145792   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 180063   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 388586   | 88.289  | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 450111   | 92.601  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 427875   | 86.598  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 182428   | 98.151  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 892931   | 86.116  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 955776   | 114.609 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.722  | 88   | 66042    | 34.724  | ng    | 97       |
| 3) Pyridine                   | 3.481  | 79   | 175799   | 34.527  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.434  | 42   | 136103   | 43.502  | ng    | 96       |
| 6) Aniline                    | 6.545  | 93   | 174207   | 25.051  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 190991   | 44.064  | ng    | 97       |
| 10) Phenol                    | 6.528  | 94   | 258935   | 43.179  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 203334   | 46.925  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 235168   | 43.984  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 238693   | 45.299  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 233063   | 45.713  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 192356   | 48.669  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 369951   | 45.426  | ng    | 99       |
| 17) 2-Methylphenol            | 7.134  | 107  | 157865   | 47.355  | ng    | 98       |
| 18) Hexachloroethane          | 7.392  | 117  | 81576    | 43.303  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 156813   | 49.889  | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.286  | 107  | 183857   | 46.654  | ng    | # 90     |
| 22) Acetophenone              | 7.292  | 105  | 259375   | 44.337  | ng    | 97       |
| 24) Nitrobenzene              | 7.463  | 77   | 230378   | 44.077  | ng    | 97       |
| 25) Isophorone                | 7.704  | 82   | 409716   | 47.430  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 109159   | 43.901  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 183060   | 49.542  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 245073   | 45.493  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 188162   | 43.789  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 206239   | 46.653  | ng    | 98       |
| 31) Naphthalene               | 8.186  | 128  | 550251   | 43.068  | ng    | 99       |
| 32) Benzoic acid              | 7.945  | 122  | 122479   | 52.257  | ng    | 88       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 135875   | 30.550  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 148790   | 41.162  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 35758    | 33.184  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 180239   | 47.531  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 367930   | 43.679  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 341894   | 42.841  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 213604   | 42.595  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 212668   | 137.305 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 151582   | 46.504  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 153246   | 44.797  | ng    | 97       |

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 ALS Vial : 5 Sample Multiplier: 1

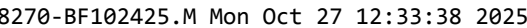
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170210BS

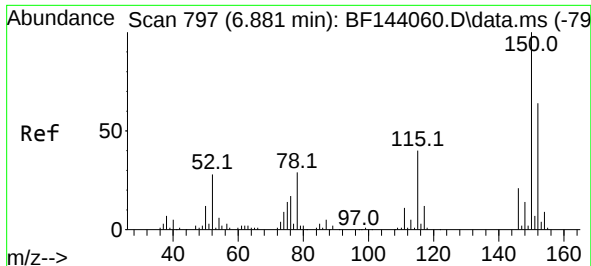
Quant Time: Oct 27 12:33:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 459294   | 43.972  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 390176   | 44.588  | ng    | 96       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 125269   | 48.208  | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 543618   | 46.073  | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 457498   | 47.834  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 99534    | 52.642  | ng    | 100      |
| 52) Acenaphthene              | 9.957  | 154  | 345051   | 43.789  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 77993    | 37.101  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 118130   | 115.513 | ng    | 99       |
| 55) Dibenzofuran              | 10.127 | 168  | 499666   | 45.675  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 137633   | 96.685  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 129476   | 50.738  | ng    | # 96     |
| 58) Fluorene                  | 10.474 | 166  | 376247   | 45.139  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 126574   | 52.507  | ng    | # 98     |
| 60) Diethylphthalate          | 10.345 | 149  | 425325   | 47.287  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 221949   | 47.349  | ng    | 96       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 88718    | 44.541  | ng    | 98       |
| 63) Azobenzene                | 10.622 | 77   | 402347   | 47.262  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 79784    | 45.919  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 376450   | 43.507  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 153807   | 45.361  | ng    | 95       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 181258   | 43.588  | ng    | 97       |
| 69) Atrazine                  | 11.110 | 200  | 84663    | 29.818  | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 178439   | 90.147  | ng    | 97       |
| 71) Phenanthrene              | 11.439 | 178  | 577108   | 42.899  | ng    | 98       |
| 72) Anthracene                | 11.492 | 178  | 573686   | 41.281  | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 501022   | 42.357  | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 607300   | 41.876  | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 586828   | 39.483  | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 37428    | 8.249   | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 587919   | 56.091  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 199803   | 50.388  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 477212   | 48.435  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 151232   | 44.094  | ng    | 98       |
| 83) Chrysene                  | 14.086 | 228  | 432073   | 46.732  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 251180   | 46.400  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 435137   | 46.741  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 632133   | 51.134  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.109 | 252  | 575949   | 56.579  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 433568   | 46.164  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 455184   | 49.843  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 524352   | 53.584  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 541975   | 55.087  | ng    | 99       |

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

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QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration

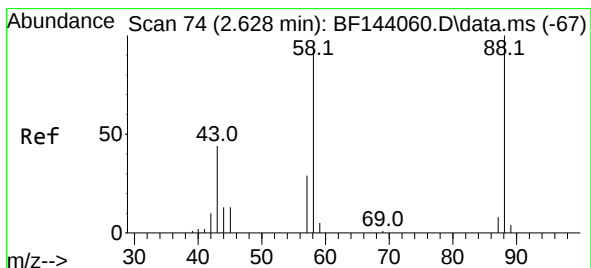
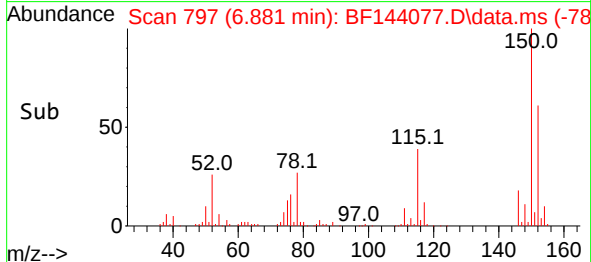
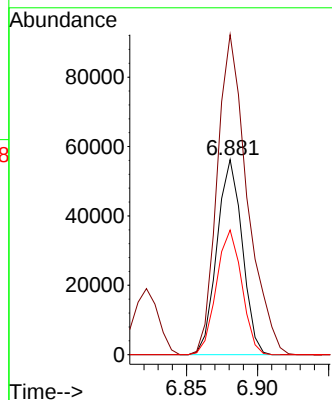
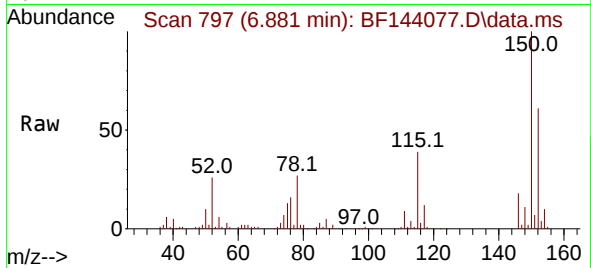




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BF144077.D  
 Acq: 27 Oct 2025 11:56

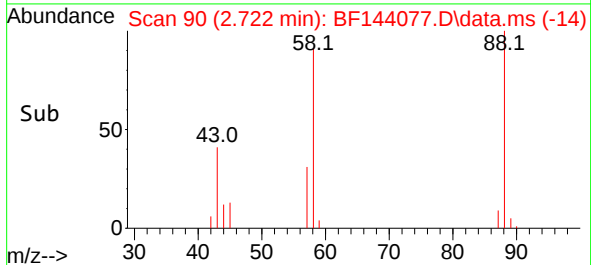
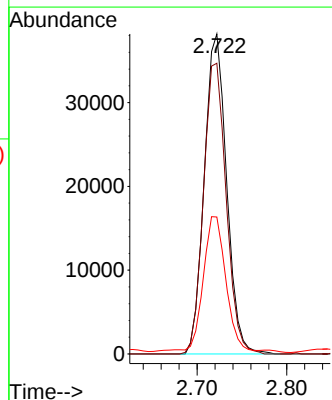
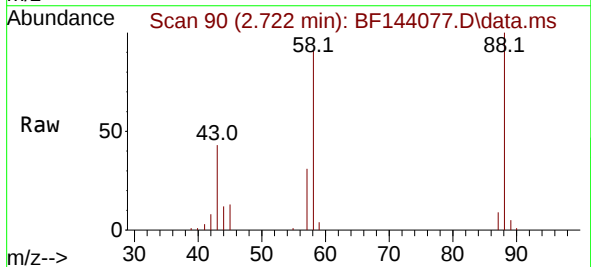
Instrument :  
 BNA\_F  
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 PB170210BS

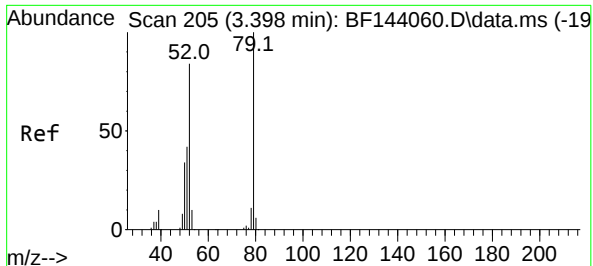
Tgt Ion:152 Resp: 69633  
 Ion Ratio Lower Upper  
 152 100  
 150 164.0 124.4 186.6  
 115 63.9 49.4 74.0



#2  
 1,4-Dioxane  
 Concen: 34.724 ng  
 RT: 2.722 min Scan# 90  
 Delta R.T. 0.094 min  
 Lab File: BF144077.D  
 Acq: 27 Oct 2025 11:56

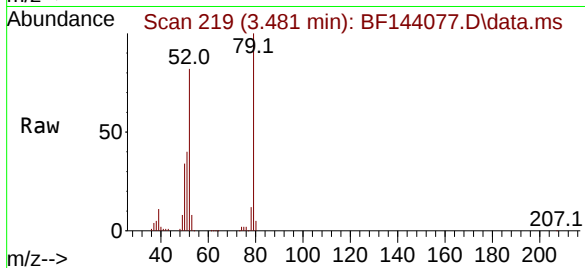
Tgt Ion: 88 Resp: 66042  
 Ion Ratio Lower Upper  
 88 100  
 58 92.2 76.5 114.7  
 43 42.8 35.3 52.9



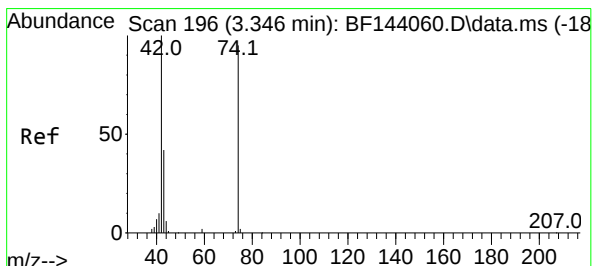
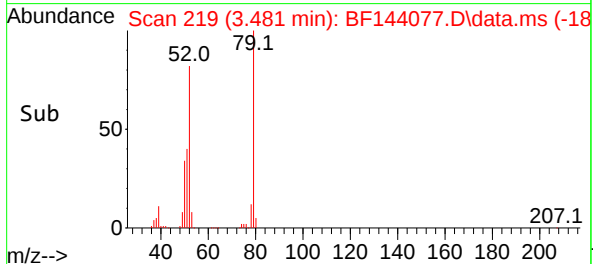
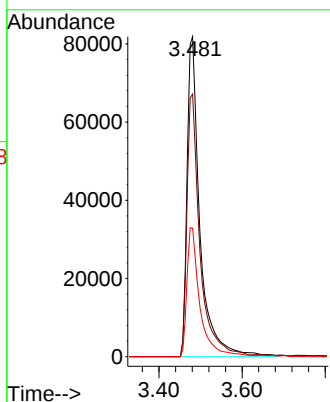


#3  
Pyridine  
Concen: 34.527 ng  
RT: 3.481 min Scan# 211  
Delta R.T. 0.082 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

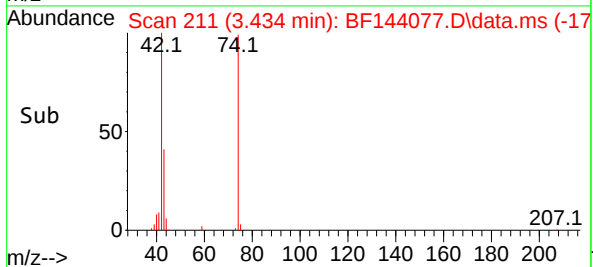
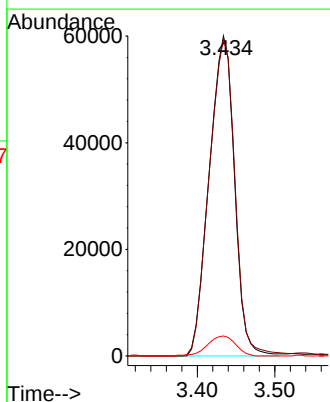
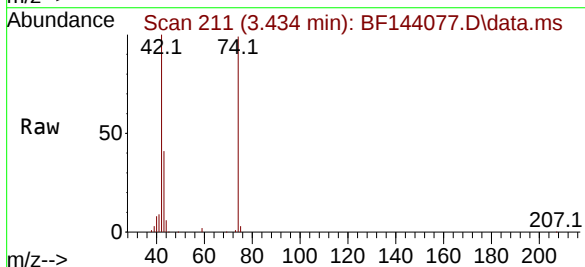


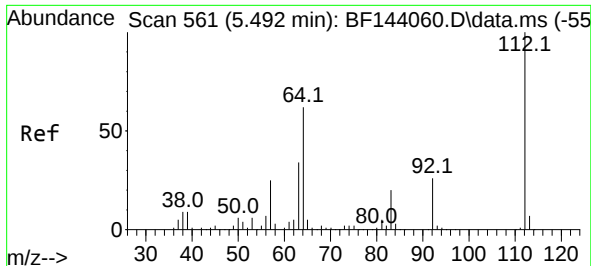
Tgt Ion: 79 Resp: 175799  
Ion Ratio Lower Upper  
79 100  
52 82.0 67.5 101.3  
51 40.2 33.6 50.4



#4  
n-Nitrosodimethylamine  
Concen: 43.502 ng  
RT: 3.434 min Scan# 211  
Delta R.T. 0.088 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion: 42 Resp: 136103  
Ion Ratio Lower Upper  
42 100  
74 99.2 76.4 114.6  
44 6.2 5.2 7.8

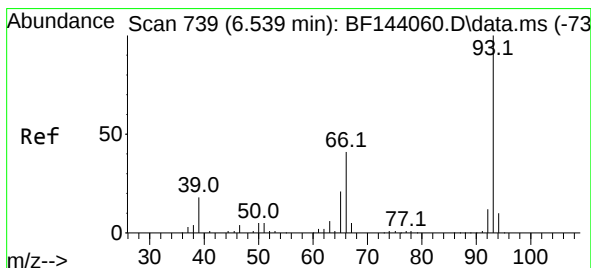
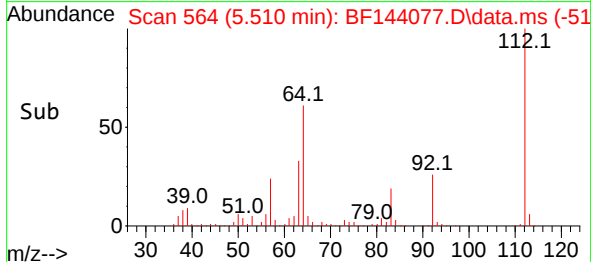
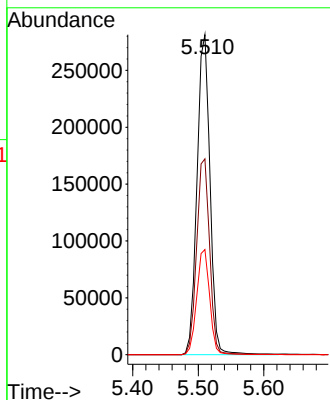
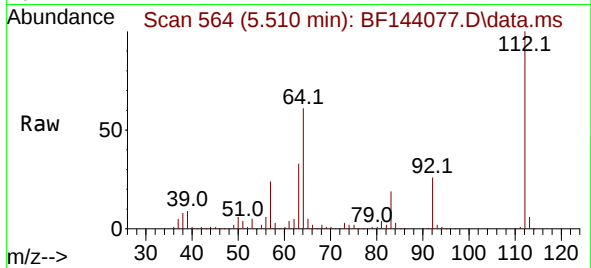




#5  
2-Fluorophenol  
Concen: 88.289 ng  
RT: 5.510 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

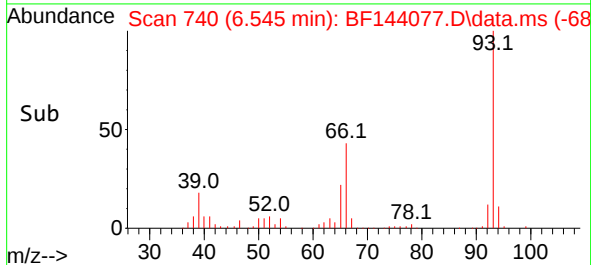
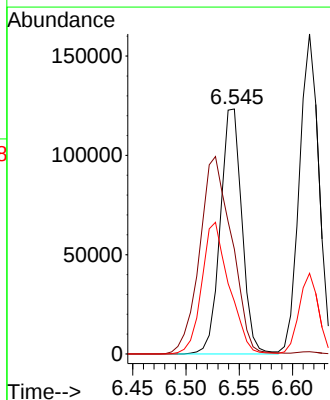
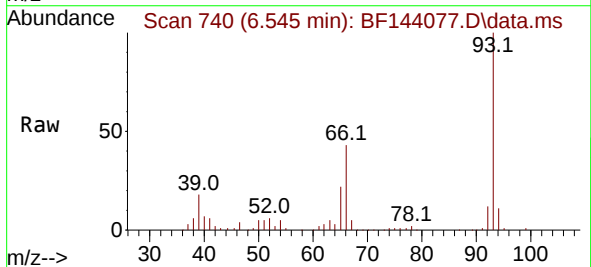
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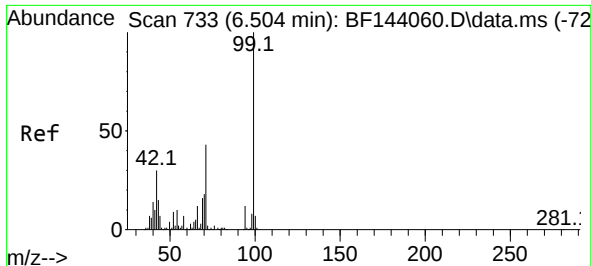
Tgt Ion:112 Resp: 388586  
Ion Ratio Lower Upper  
112 100  
64 61.2 49.8 74.8  
63 32.8 27.4 41.2



#6  
Aniline  
Concen: 25.051 ng  
RT: 6.545 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion: 93 Resp: 174207  
Ion Ratio Lower Upper  
93 100  
66 42.8 35.7 53.5  
65 21.5 17.0 25.6

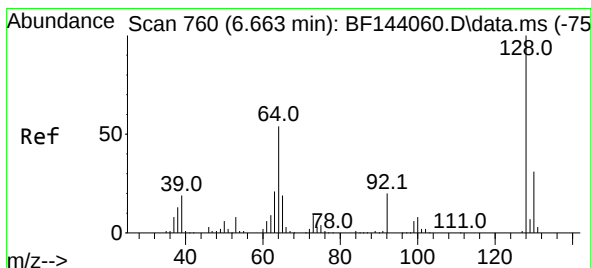
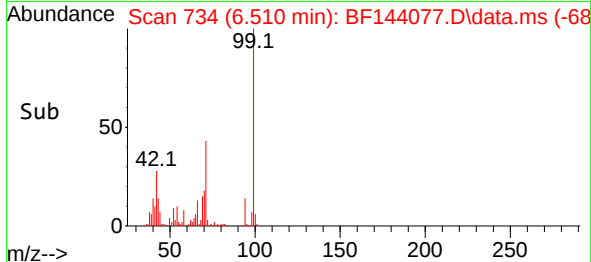
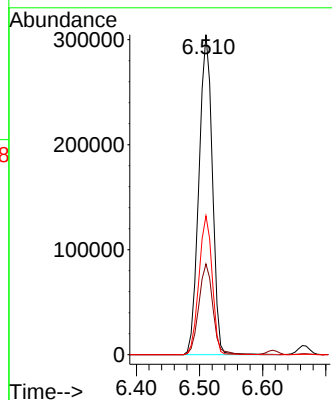
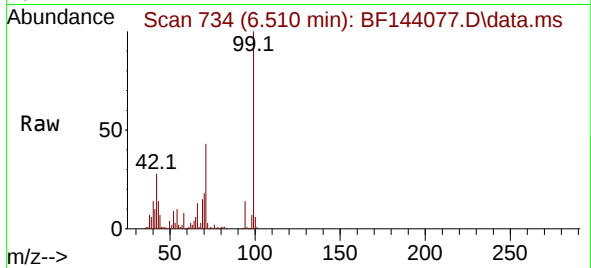




#7  
Phenol-d6  
Concen: 92.601 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

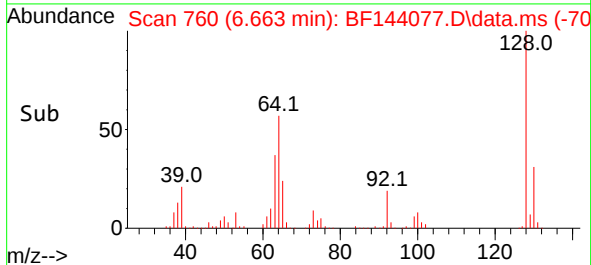
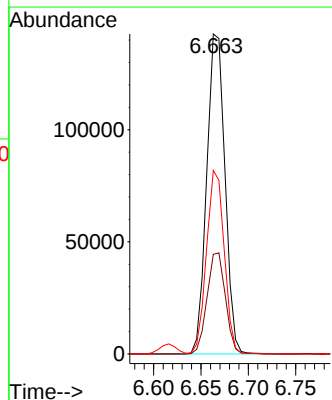
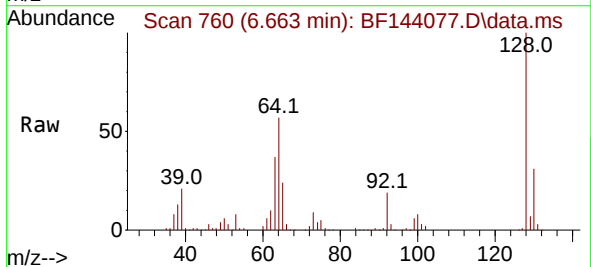
Instrument :  
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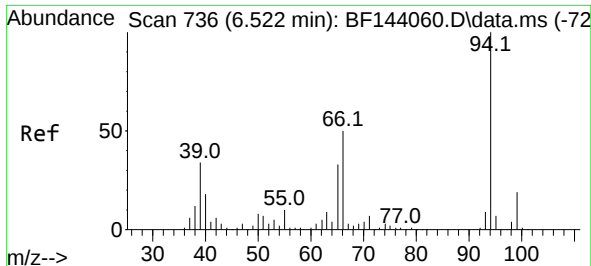
Tgt Ion: 99 Resp: 450111  
Ion Ratio Lower Upper  
99 100  
42 28.3 23.9 35.9  
71 43.4 34.4 51.6



#8  
2-Chlorophenol  
Concen: 44.064 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion: 128 Resp: 190991  
Ion Ratio Lower Upper  
128 100  
130 31.1 10.7 50.7  
64 57.3 34.7 74.7





#10

Phenol

Concen: 43.179 ng

RT: 6.528 min Scan# 736

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

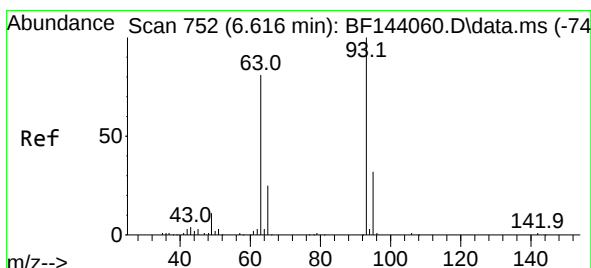
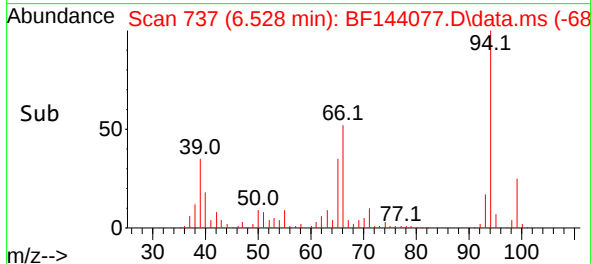
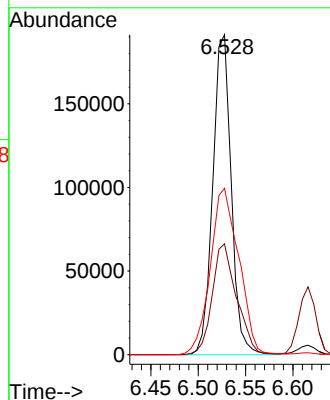
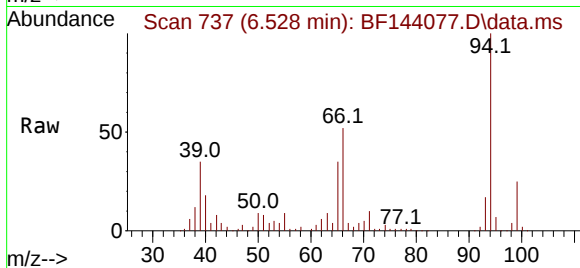
Tgt Ion: 94 Resp: 258935

Ion Ratio Lower Upper

94 100

65 34.7 13.1 53.1

66 52.0 30.6 70.6



#11

bis(2-Chloroethyl)ether

Concen: 46.925 ng

RT: 6.616 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

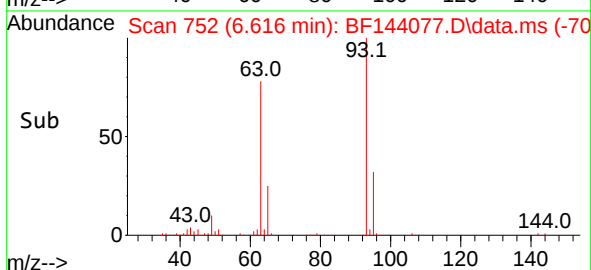
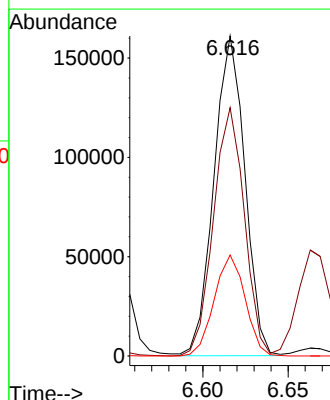
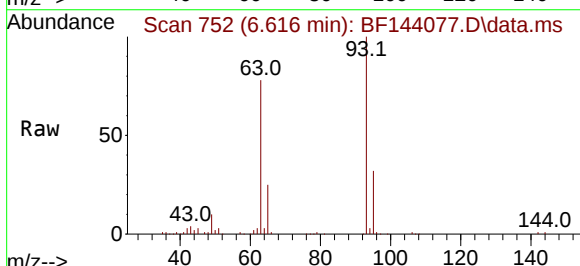
Tgt Ion: 93 Resp: 203334

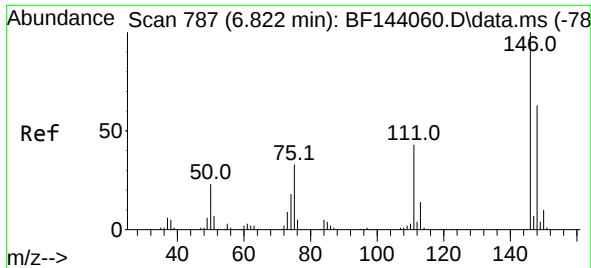
Ion Ratio Lower Upper

93 100

63 77.6 60.2 100.2

95 31.5 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 43.984 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

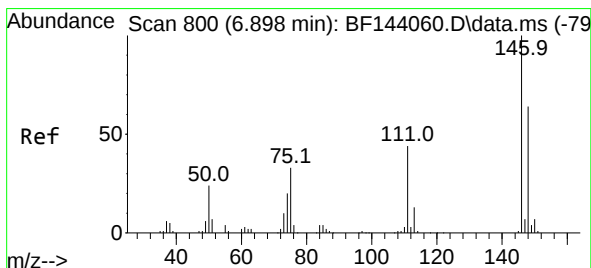
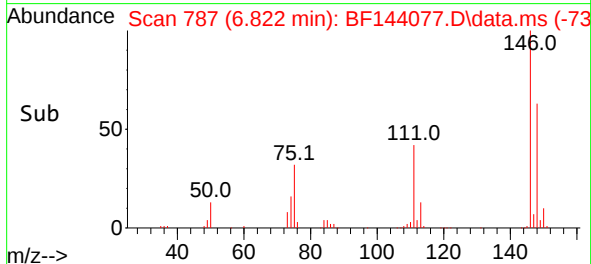
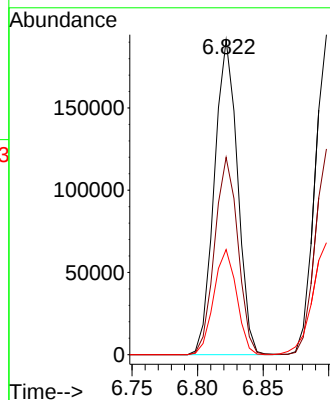
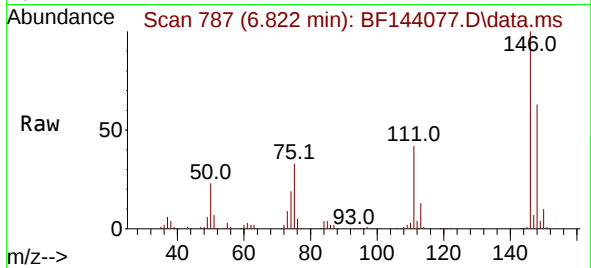
Tgt Ion:146 Resp: 235168

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

75 33.4 26.6 40.0



#13

1,4-Dichlorobenzene

Concen: 45.299 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

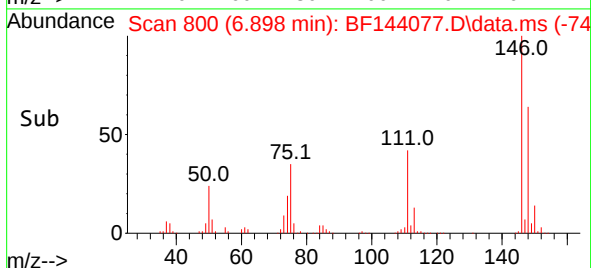
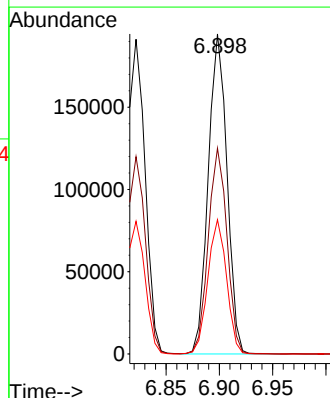
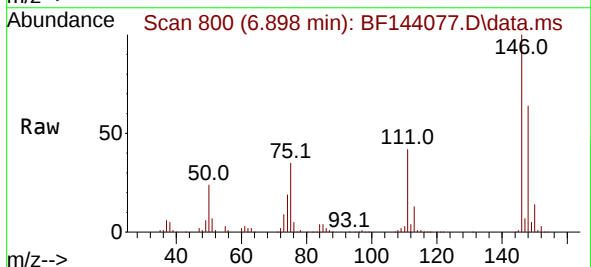
Tgt Ion:146 Resp: 238693

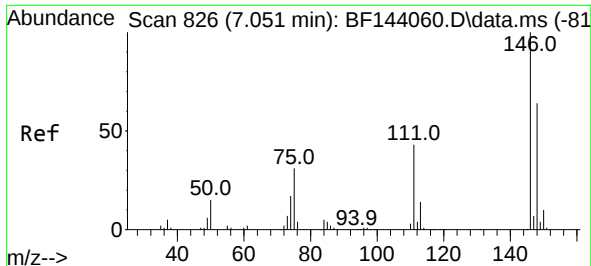
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

111 41.9 35.0 52.6

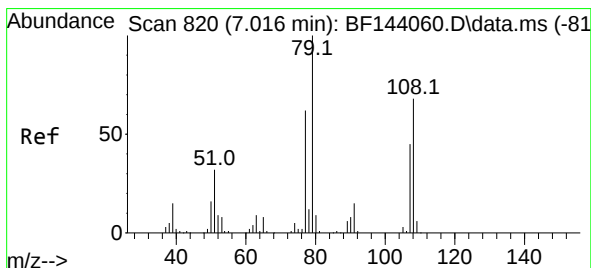
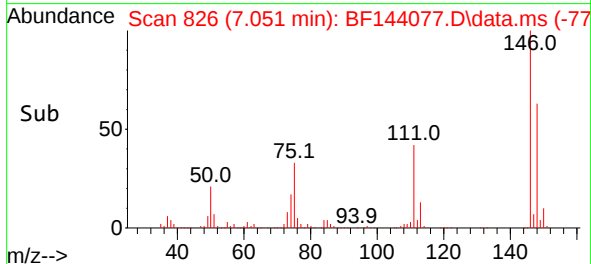
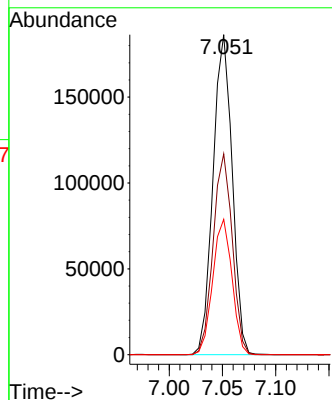
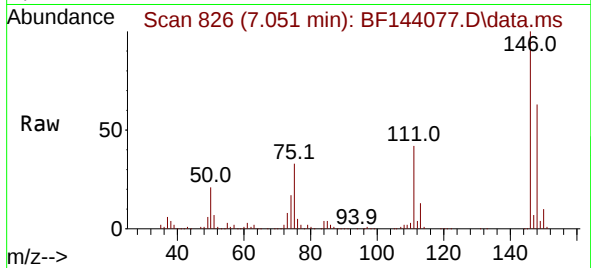




#14  
1,2-Dichlorobenzene  
Concen: 45.713 ng  
RT: 7.051 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

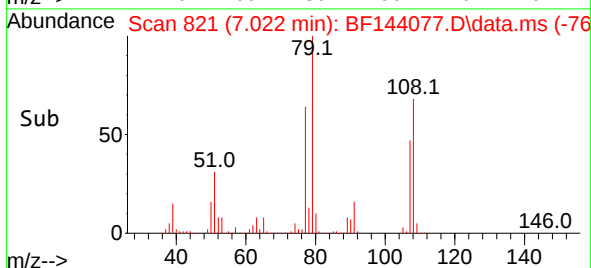
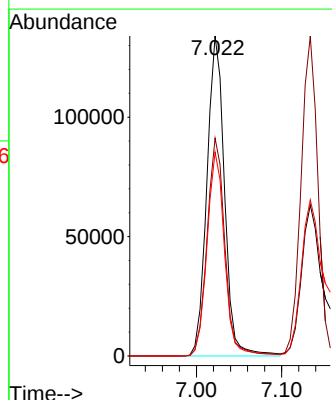
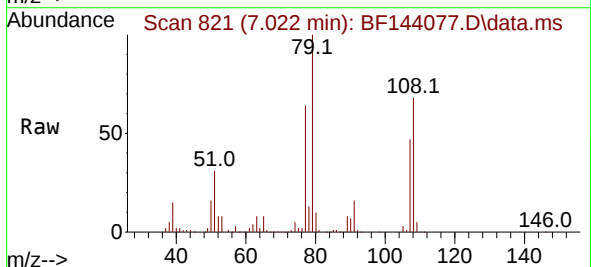
Instrument :  
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ClientSampleId :  
PB170210BS

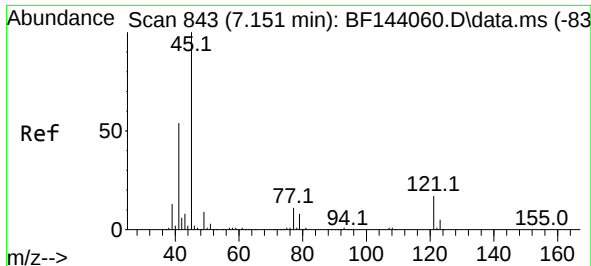
Tgt Ion:146 Resp: 233063  
Ion Ratio Lower Upper  
146 100  
148 62.8 50.8 76.2  
111 42.3 34.7 52.1



#15  
Benzyl Alcohol  
Concen: 48.669 ng  
RT: 7.022 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion: 79 Resp: 192356  
Ion Ratio Lower Upper  
79 100  
108 68.1 54.8 82.2  
77 63.7 49.4 74.0

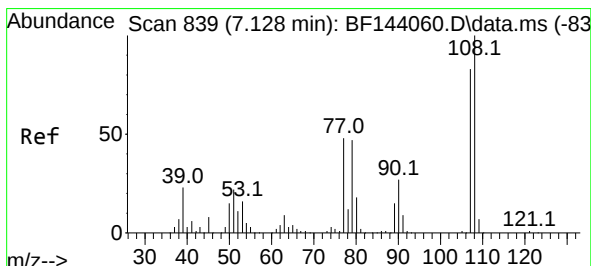
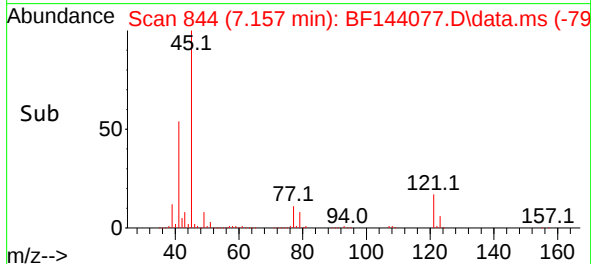
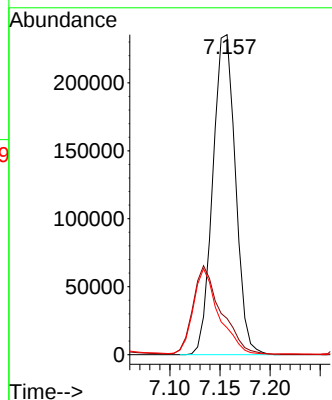
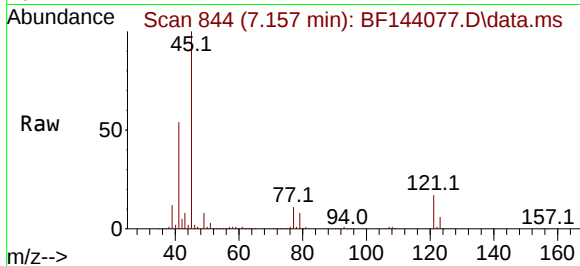




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.426 ng  
RT: 7.157 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

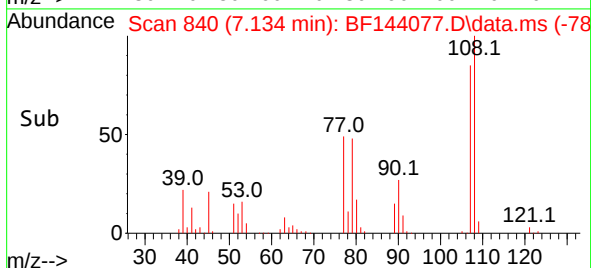
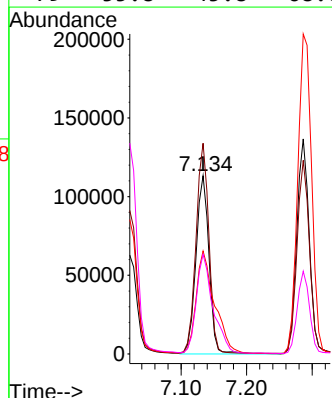
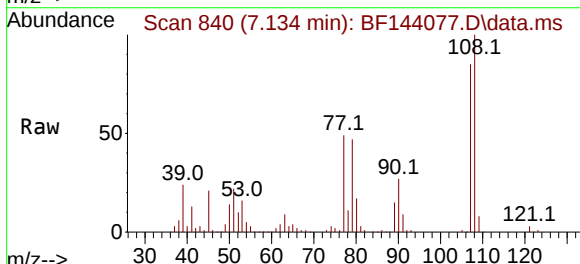
Instrument :  
BNA\_F  
ClientSampleId :  
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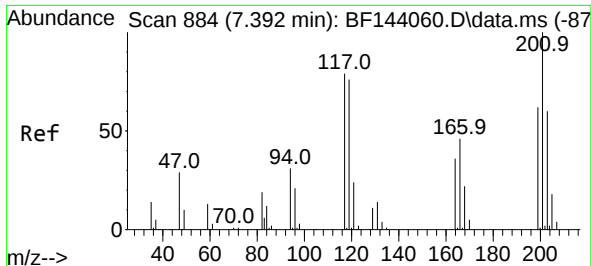
Tgt Ion: 45 Resp: 369951  
Ion Ratio Lower Upper  
45 100  
77 11.3 0.0 30.9  
79 8.4 0.0 28.2



#17  
2-Methylphenol  
Concen: 47.355 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:107 Resp: 157865  
Ion Ratio Lower Upper  
107 100  
108 118.3 96.4 144.6  
77 57.7 46.8 70.2  
79 55.8 45.8 68.6

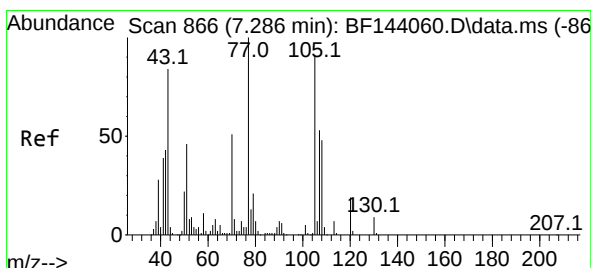
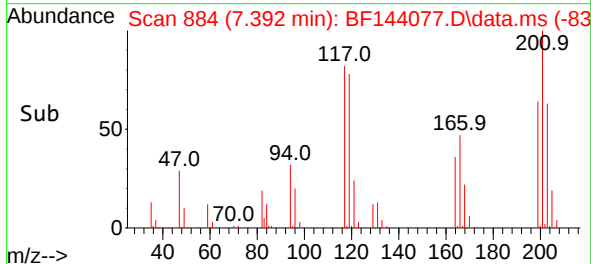
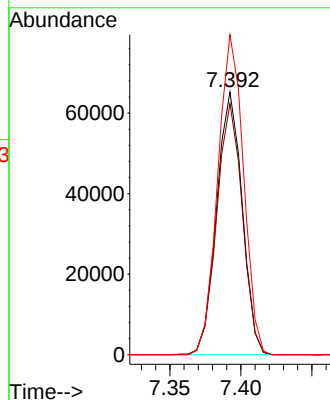
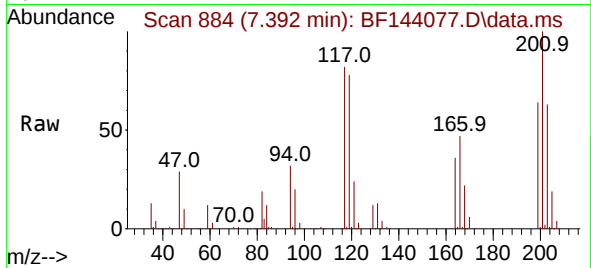




#18  
Hexachloroethane  
Concen: 43.303 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

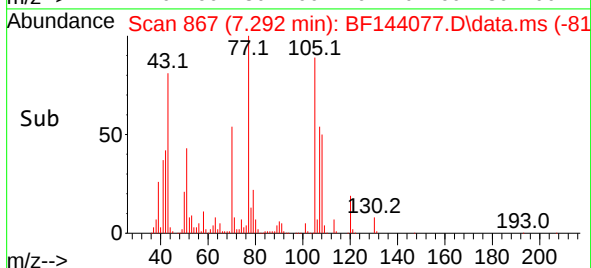
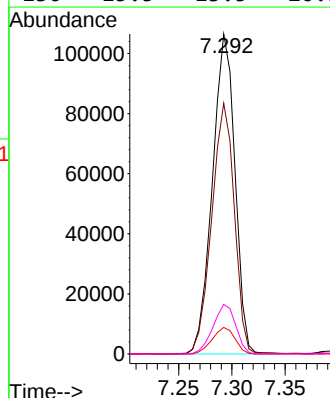
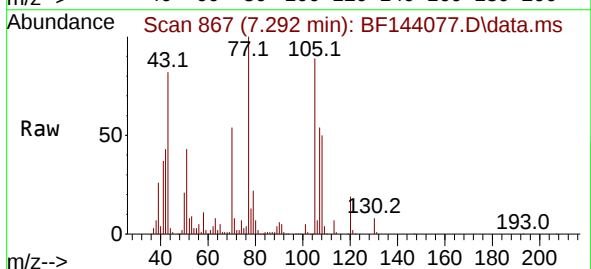
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

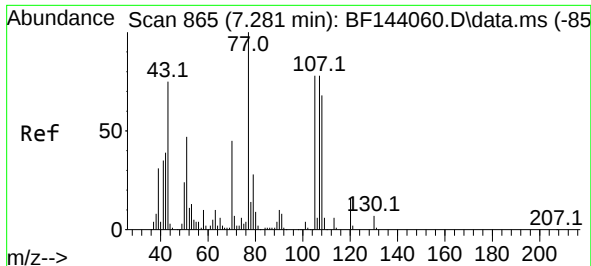
Tgt Ion:117 Resp: 81576  
Ion Ratio Lower Upper  
117 100  
119 95.6 76.6 115.0  
201 121.8 100.9 151.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 49.889 ng  
RT: 7.292 min Scan# 867  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion: 70 Resp: 156813  
Ion Ratio Lower Upper  
70 100  
42 78.3 67.4 101.0  
101 8.3 7.1 10.7  
130 15.5 13.5 20.3

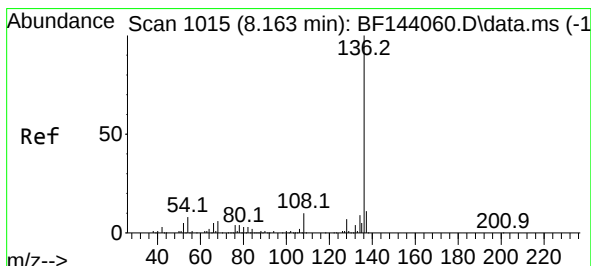
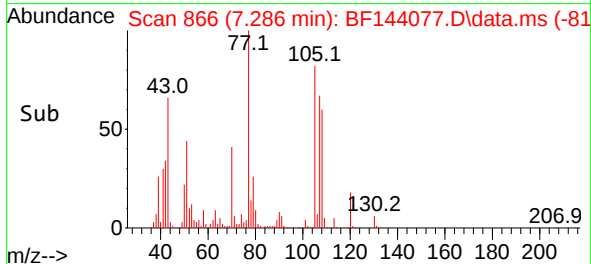
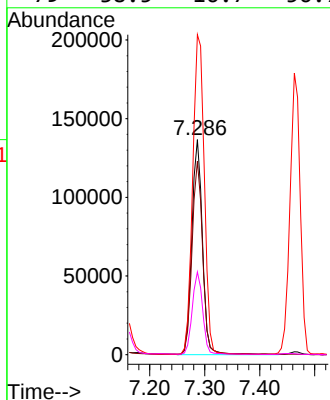
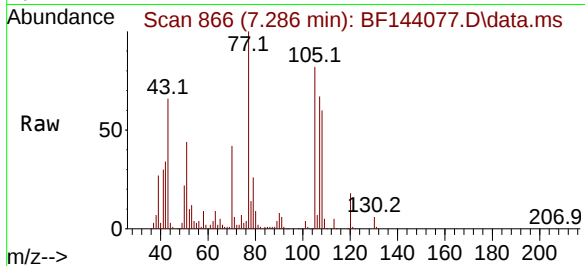




#20  
3+4-Methylphenols  
Concen: 46.654 ng  
RT: 7.286 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

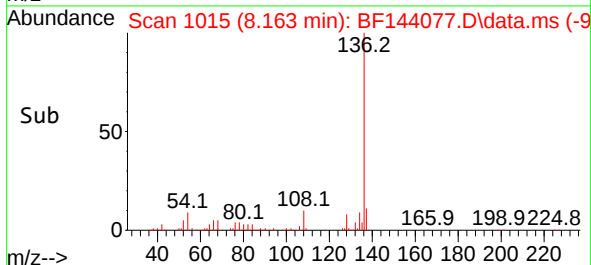
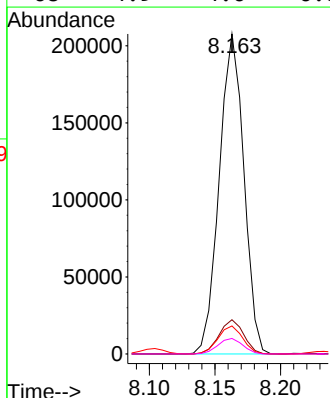
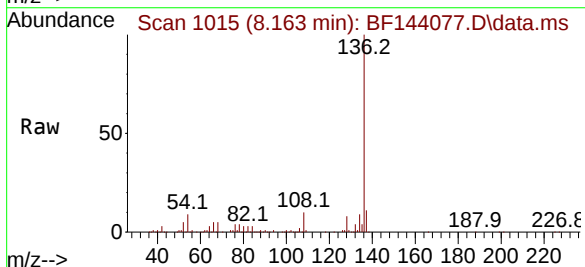
Instrument :  
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ClientSampleId :  
PB170210BS

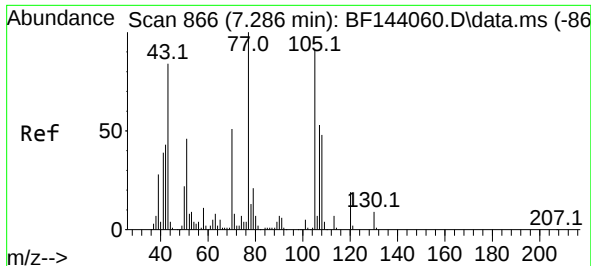
Tgt Ion:107 Resp: 183857  
Ion Ratio Lower Upper  
107 100  
108 90.1 68.0 108.0  
77 148.9 108.7 148.7#  
79 38.5 16.7 56.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

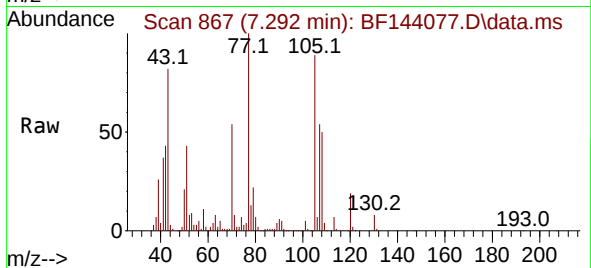
Tgt Ion:136 Resp: 270699  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.8 6.6 9.8  
68 4.9 4.6 6.8



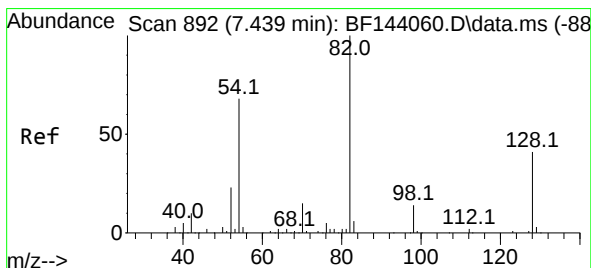
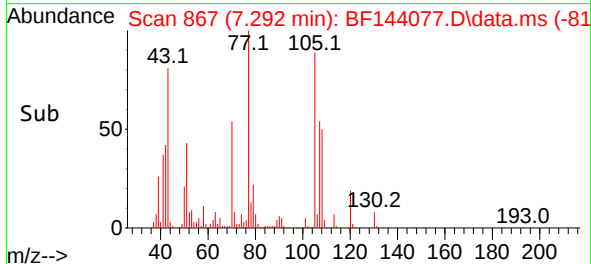
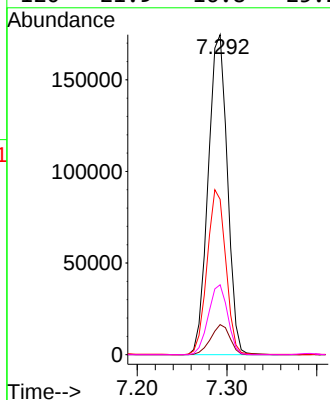


#22  
Acetophenone  
Concen: 44.337 ng  
RT: 7.292 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

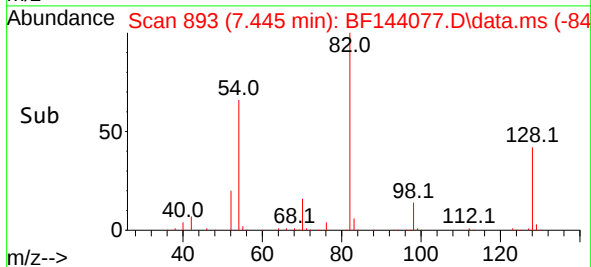
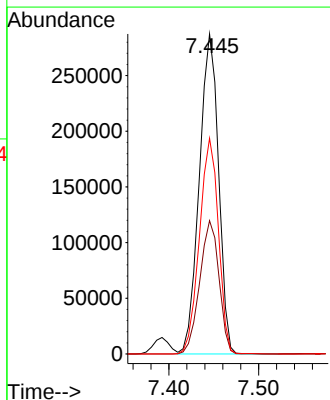
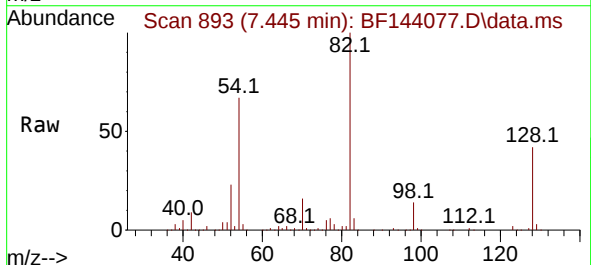


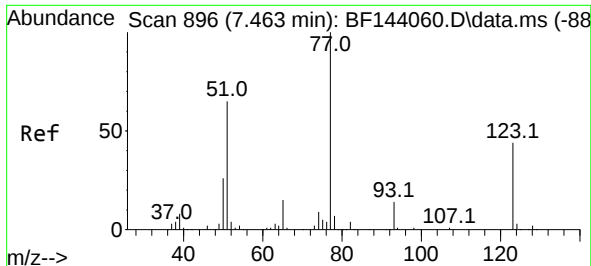
Tgt Ion:105 Resp: 259375  
Ion Ratio Lower Upper  
105 100  
71 9.4 6.9 10.3  
51 48.5 40.6 60.8  
120 21.9 16.8 25.2



#23  
Nitrobenzene-d5  
Concen: 86.598 ng  
RT: 7.445 min Scan# 893  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion: 82 Resp: 427875  
Ion Ratio Lower Upper  
82 100  
128 41.6 32.4 48.6  
54 67.4 54.0 81.0

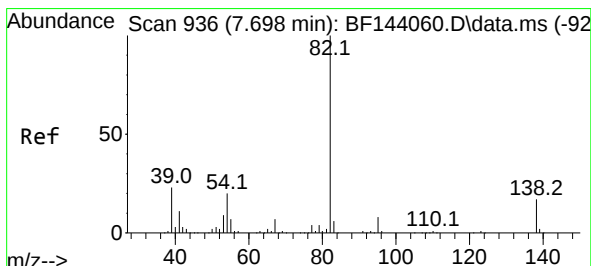
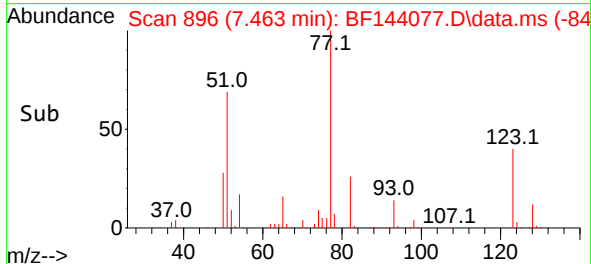
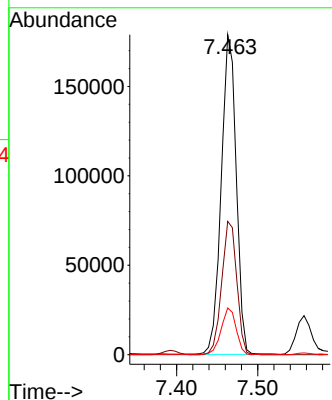
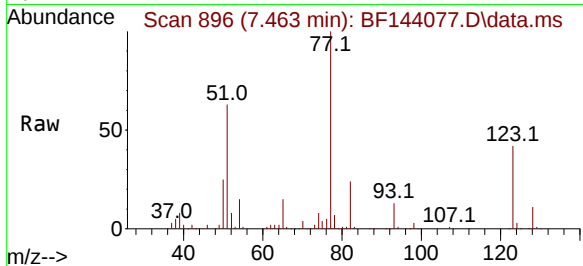




#24  
Nitrobenzene  
Concen: 44.077 ng  
RT: 7.463 min Scan# 896  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

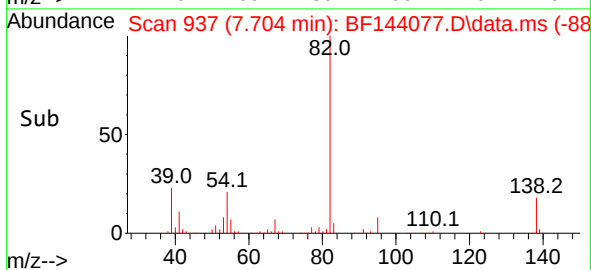
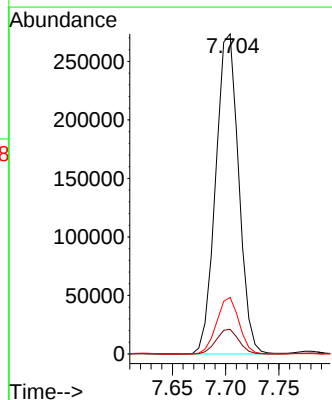
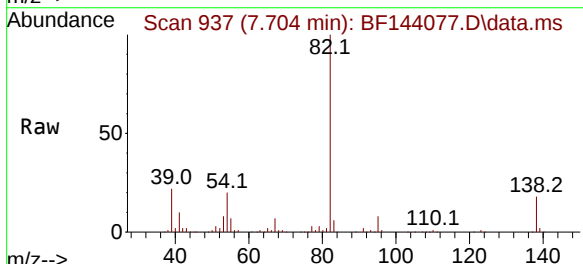
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BNA\_F  
ClientSampleId :  
PB170210BS

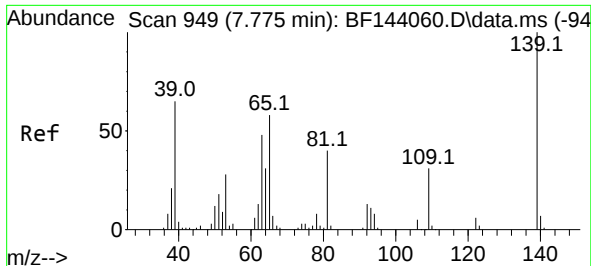
Tgt Ion: 77 Resp: 230378  
Ion Ratio Lower Upper  
77 100  
123 41.6 35.0 52.6  
65 14.6 12.2 18.2



#25  
Isophorone  
Concen: 47.430 ng  
RT: 7.704 min Scan# 937  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion: 82 Resp: 409716  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.6 9.8  
138 17.6 13.8 20.8

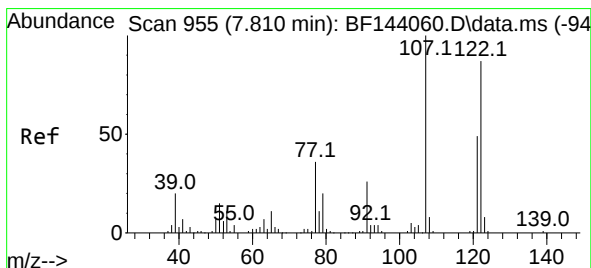
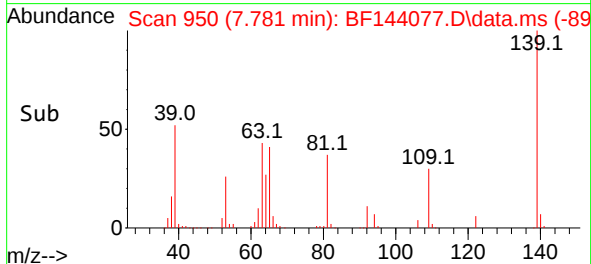
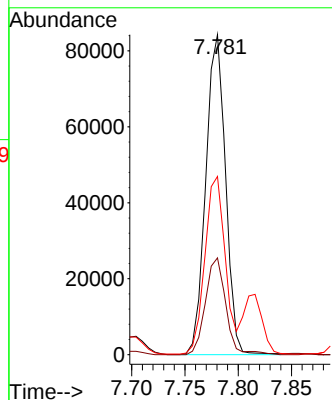
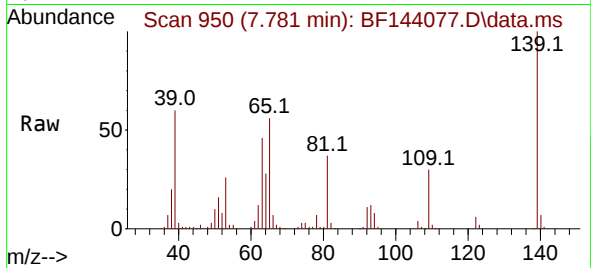




#26  
2-Nitrophenol  
Concen: 43.901 ng  
RT: 7.781 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

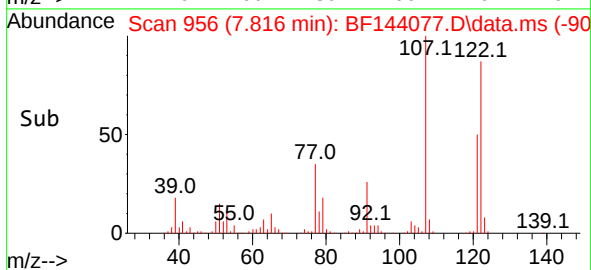
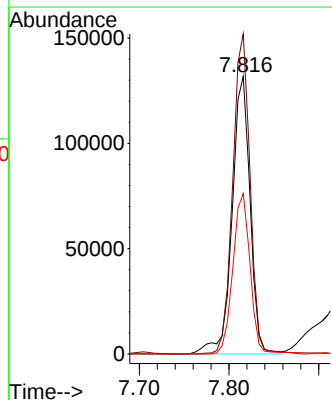
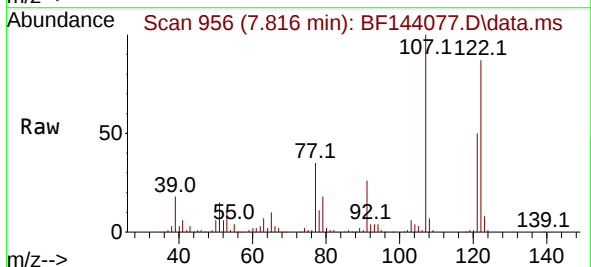
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

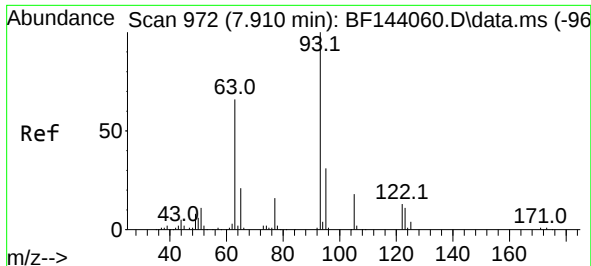
Tgt Ion:139 Resp: 109159  
Ion Ratio Lower Upper  
139 100  
109 30.2 24.6 37.0  
65 55.7 46.6 69.8



#27  
2,4-Dimethylphenol  
Concen: 49.542 ng  
RT: 7.816 min Scan# 956  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:122 Resp: 183060  
Ion Ratio Lower Upper  
122 100  
107 115.3 91.8 137.8  
121 57.8 45.2 67.8





#28

bis(2-Chloroethoxy)methane

Concen: 45.493 ng

RT: 7.910 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

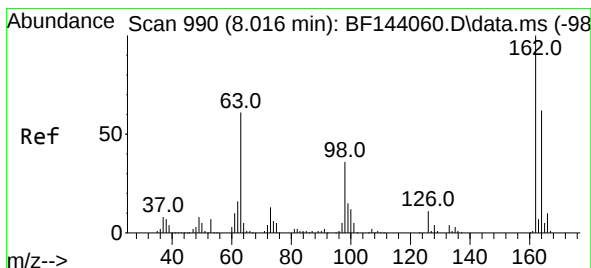
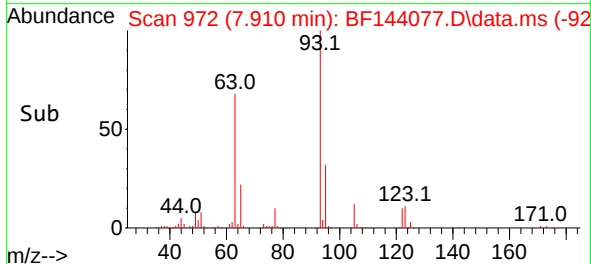
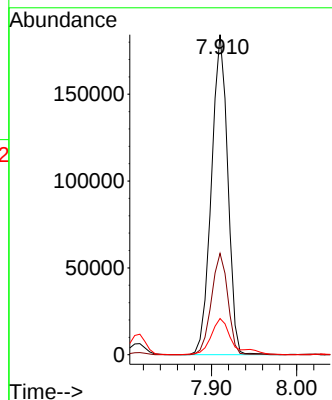
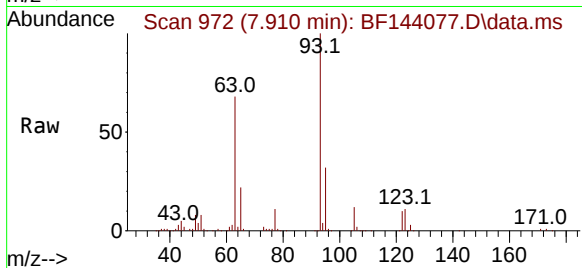
Tgt Ion: 93 Resp: 245073

Ion Ratio Lower Upper

93 100

95 31.7 24.6 36.8

123 11.3 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 43.789 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

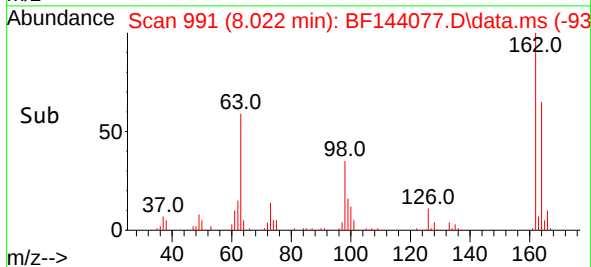
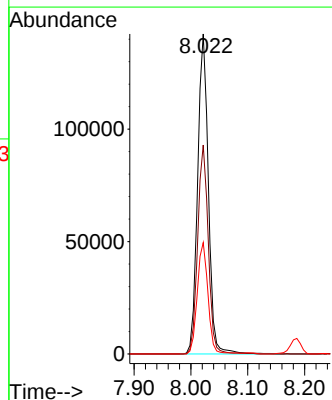
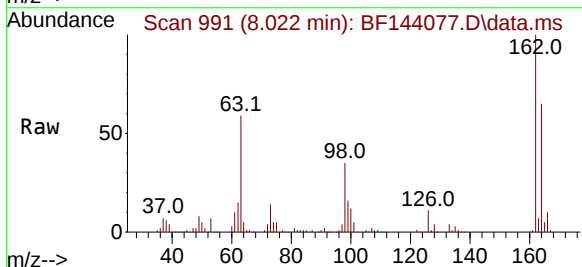
Tgt Ion:162 Resp: 188162

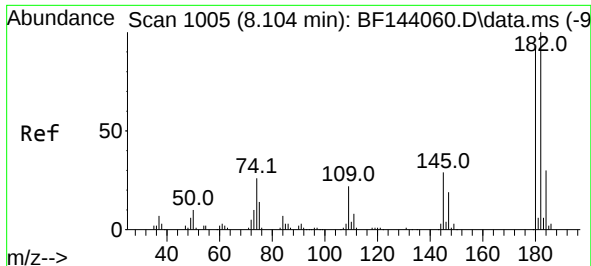
Ion Ratio Lower Upper

162 100

164 65.3 42.1 82.1

98 34.8 16.0 56.0

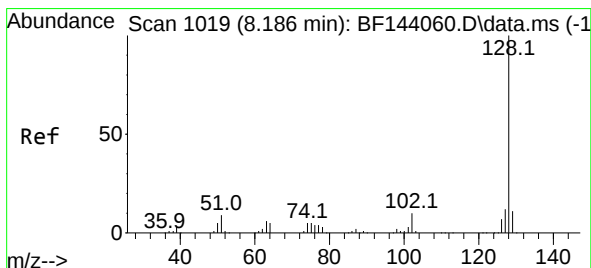
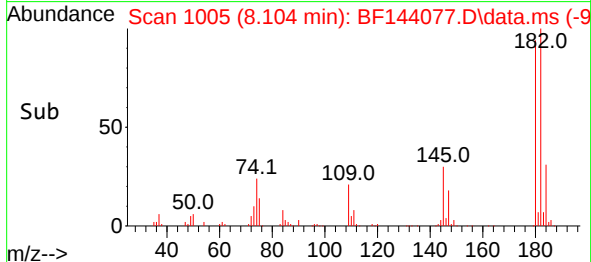
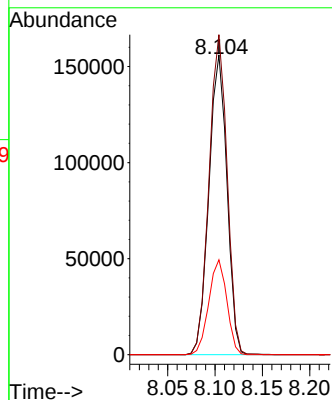
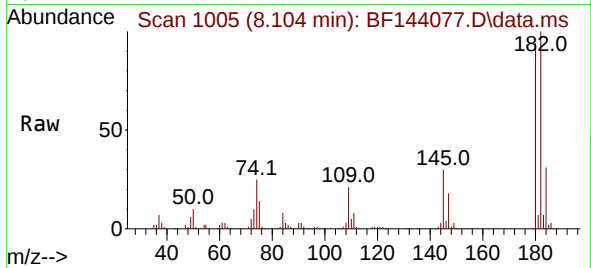




#30  
1,2,4-Trichlorobenzene  
Concen: 46.653 ng  
RT: 8.104 min Scan# 1005  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

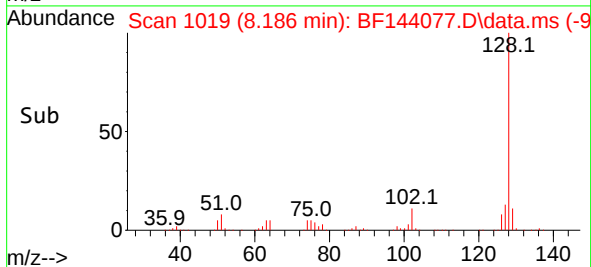
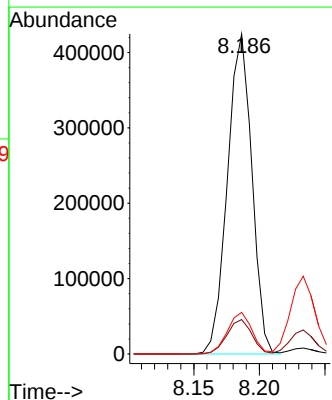
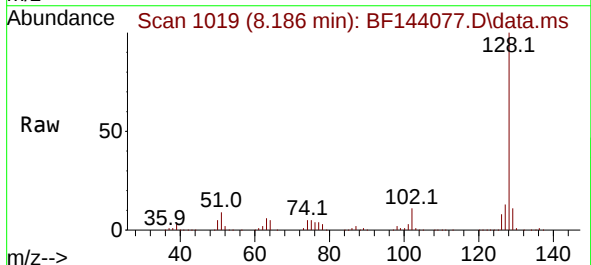
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

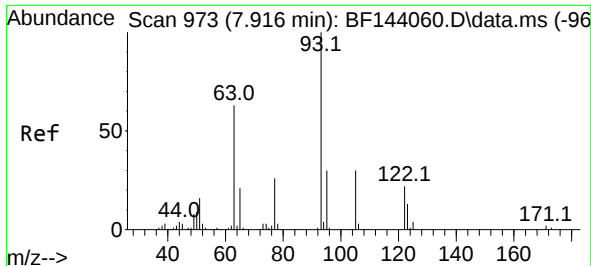
Tgt Ion:180 Resp: 206239  
Ion Ratio Lower Upper  
180 100  
182 106.7 87.1 130.7  
145 31.6 25.3 37.9



#31  
Naphthalene  
Concen: 43.068 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:128 Resp: 550251  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 13.0 9.9 14.9

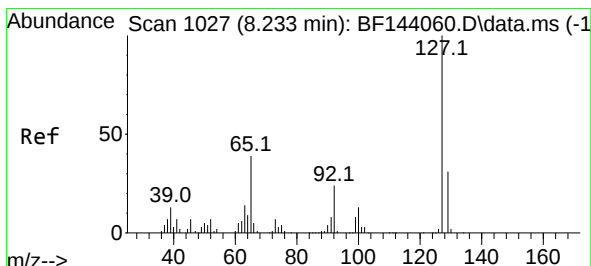
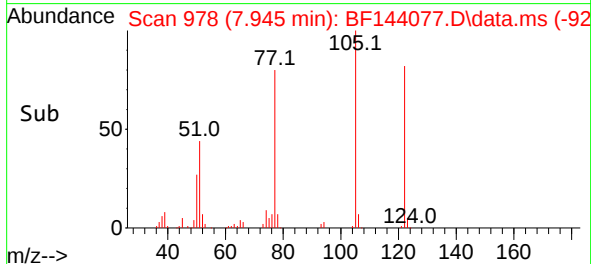
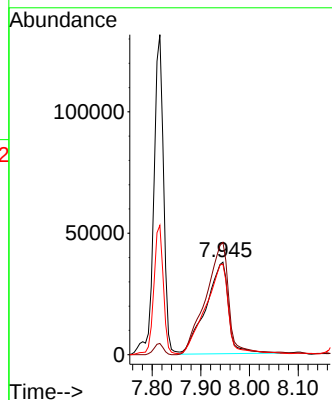
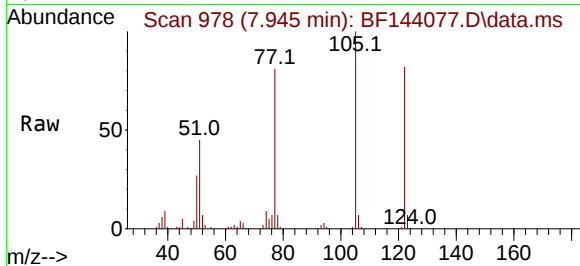




#32  
Benzoic acid  
Concen: 52.257 ng  
RT: 7.945 min Scan# 91  
Delta R.T. 0.029 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

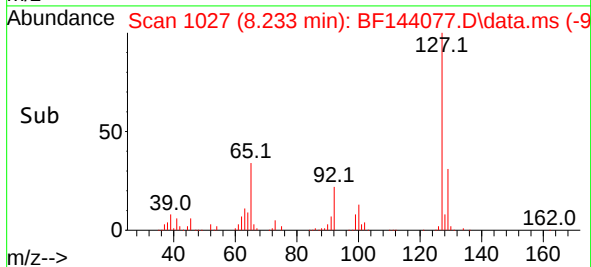
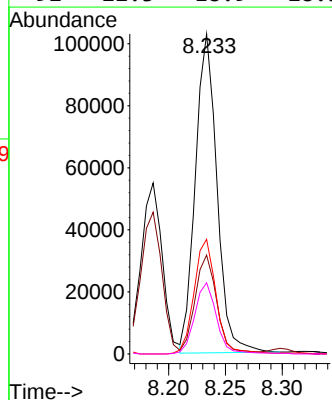
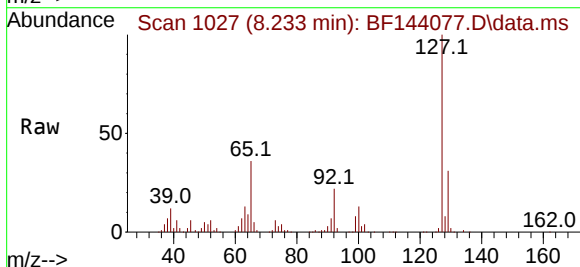
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

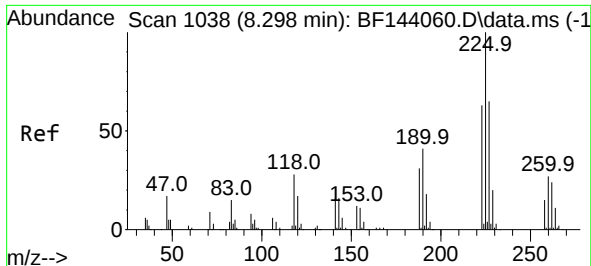
Tgt Ion:122 Resp: 122479  
Ion Ratio Lower Upper  
122 100  
105 121.5 111.3 151.3  
77 98.2 96.7 136.7



#33  
4-Chloroaniline  
Concen: 30.550 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:127 Resp: 135875  
Ion Ratio Lower Upper  
127 100  
129 30.9 25.6 38.4  
65 35.8 30.9 46.3  
92 22.3 18.9 28.3

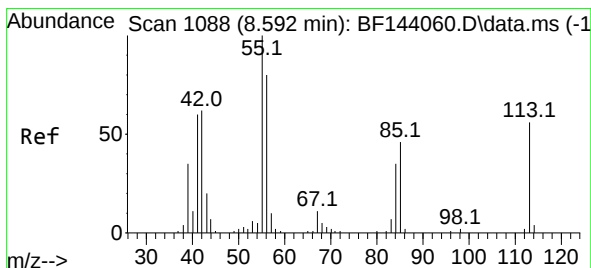
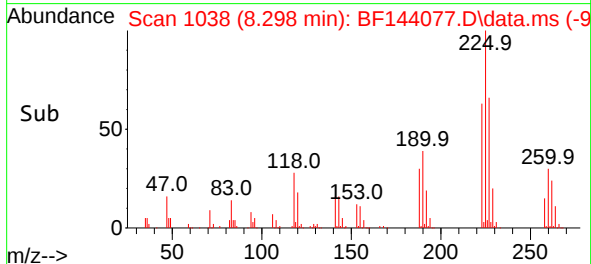
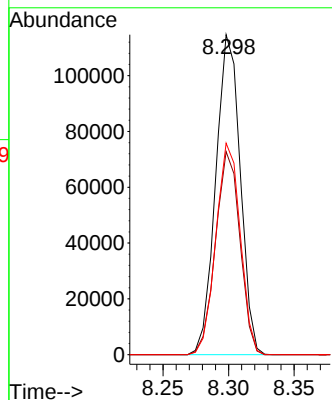
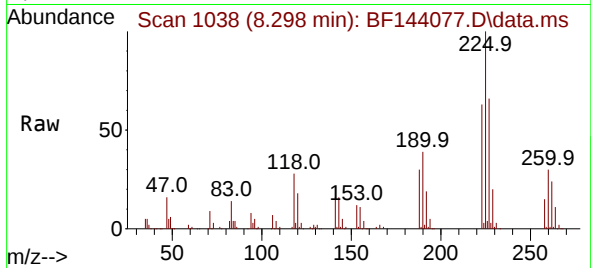




#34  
Hexachlorobutadiene  
Concen: 41.162 ng  
RT: 8.298 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

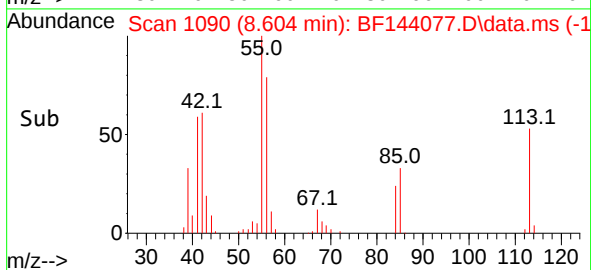
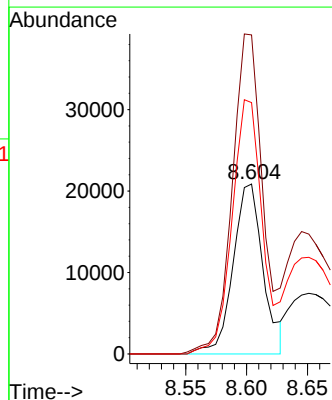
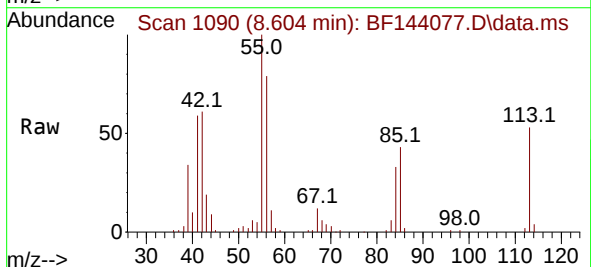
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

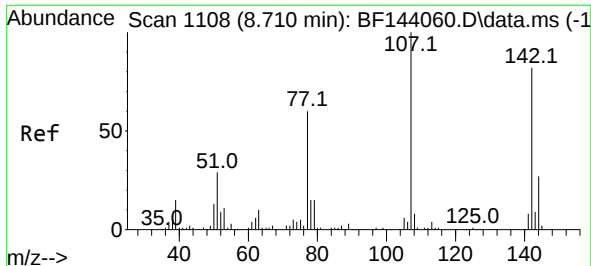
Tgt Ion:225 Resp: 148790  
Ion Ratio Lower Upper  
225 100  
223 63.5 50.6 76.0  
227 66.1 51.8 77.8



#35  
Caprolactam  
Concen: 33.184 ng  
RT: 8.604 min Scan# 1090  
Delta R.T. 0.012 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:113 Resp: 35758  
Ion Ratio Lower Upper  
113 100  
55 187.8 160.1 200.1  
56 147.9 124.9 164.9

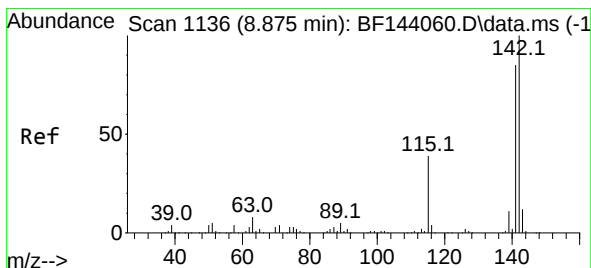
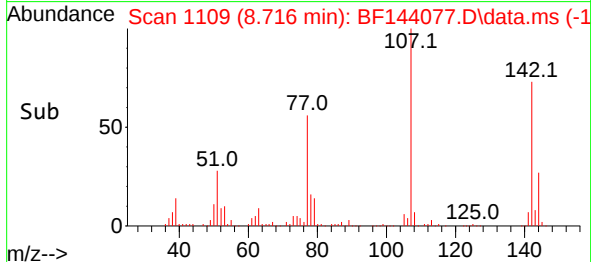
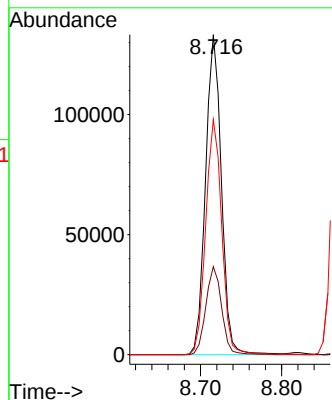
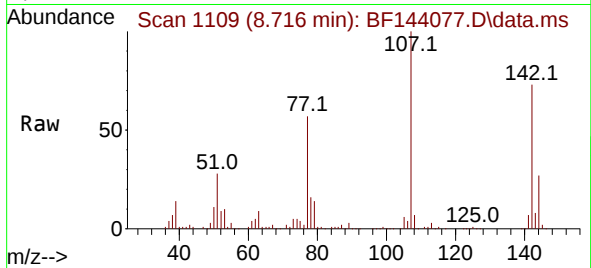




#36  
4-Chloro-3-methylphenol  
Concen: 47.531 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

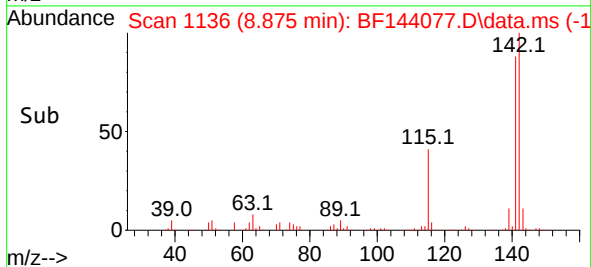
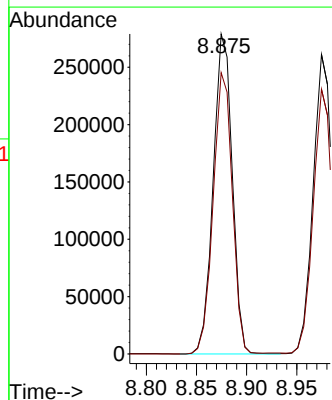
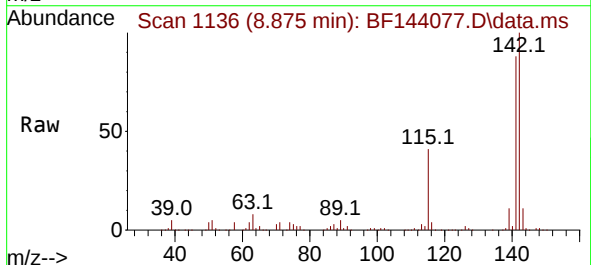
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

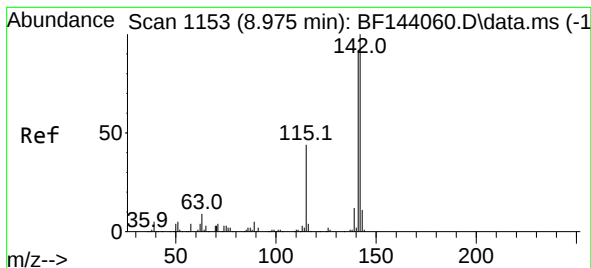
Tgt Ion:107 Resp: 180239  
Ion Ratio Lower Upper  
107 100  
144 27.5 21.6 32.4  
142 73.4 65.4 98.0



#37  
2-Methylnaphthalene  
Concen: 43.679 ng  
RT: 8.875 min Scan# 1136  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:142 Resp: 367930  
Ion Ratio Lower Upper  
142 100  
141 87.9 67.6 101.4





#38

1-Methylnaphthalene

Concen: 42.841 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

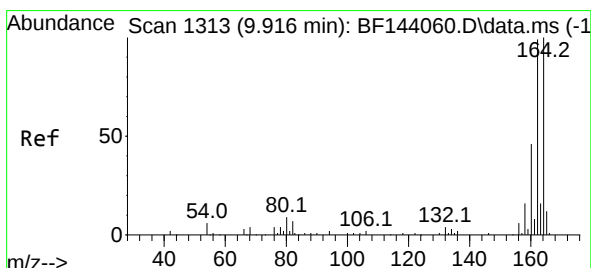
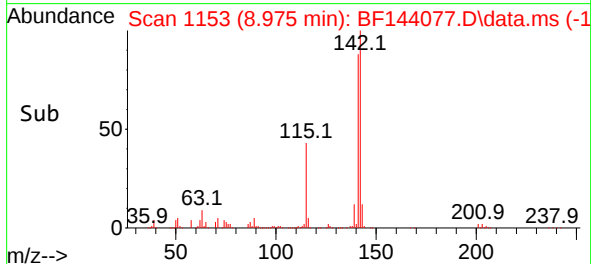
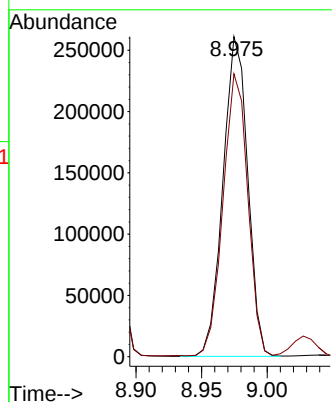
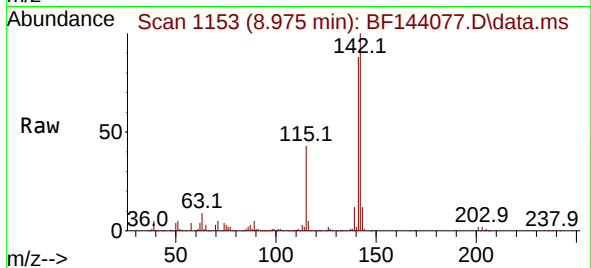
PB170210BS

Tgt Ion:142 Resp: 341894

Ion Ratio Lower Upper

142 100

141 88.4 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

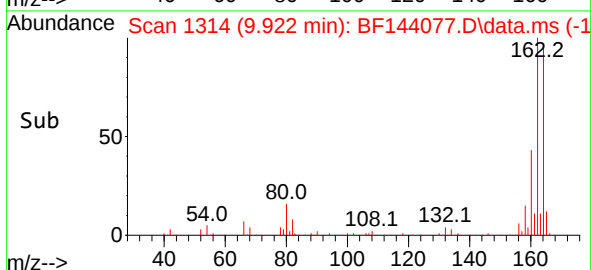
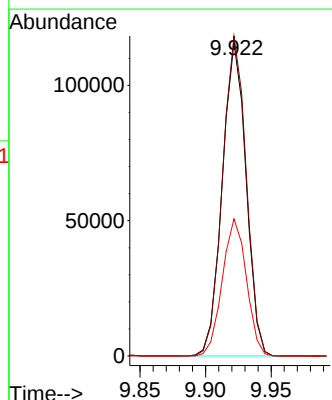
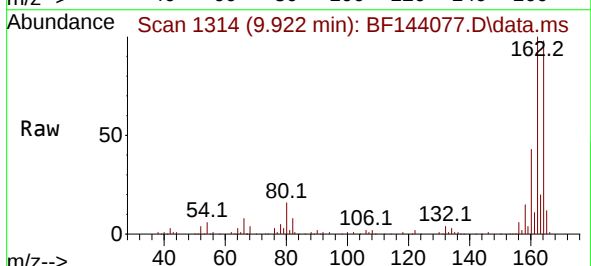
Tgt Ion:164 Resp: 145913

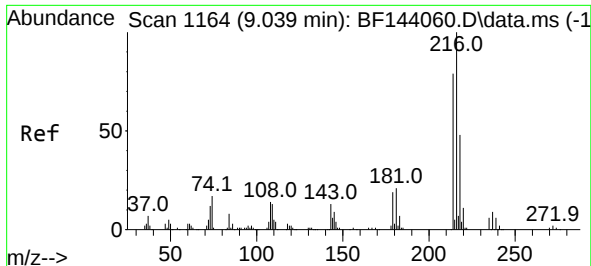
Ion Ratio Lower Upper

164 100

162 102.1 79.4 119.2

160 43.7 36.7 55.1

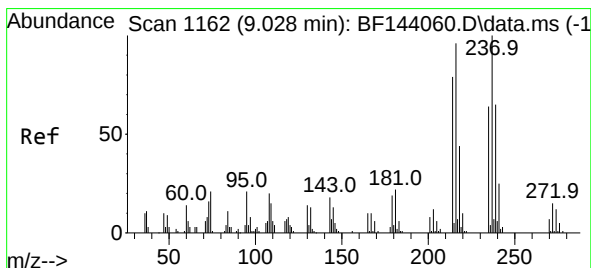
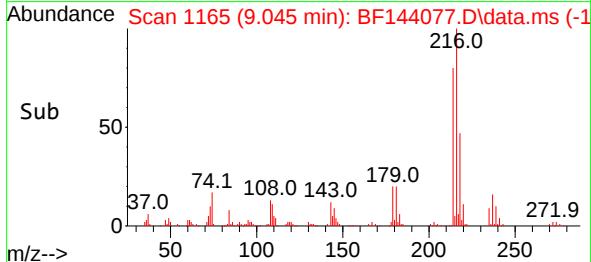
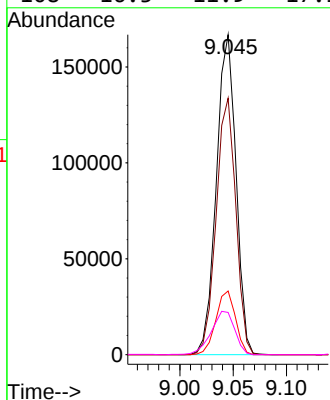
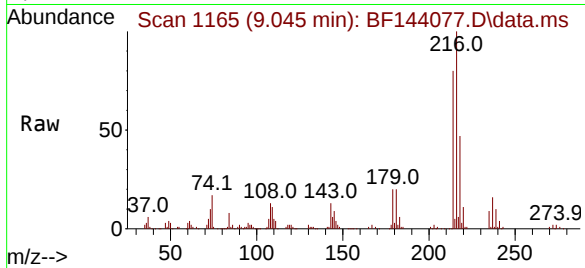




#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.595 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

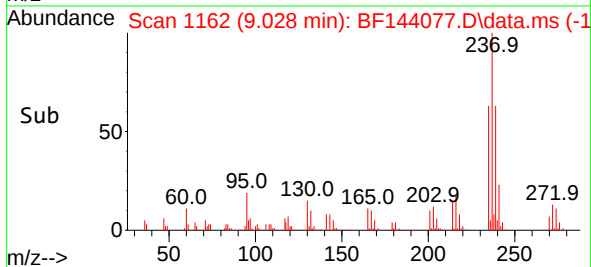
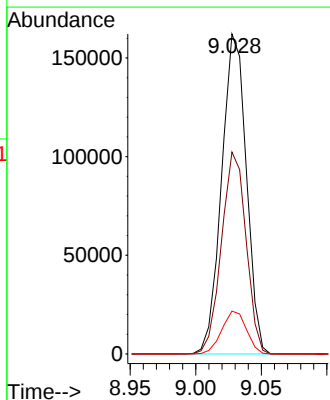
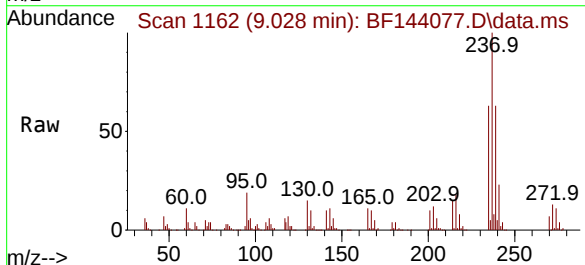
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

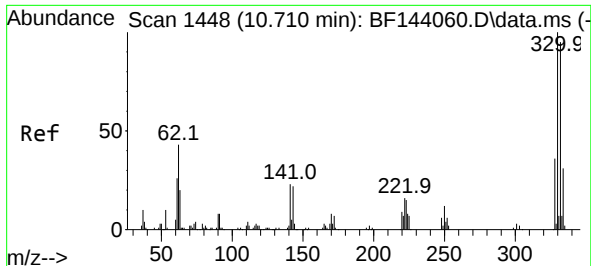
Tgt Ion:216 Resp: 213604  
Ion Ratio Lower Upper  
216 100  
214 80.1 63.2 94.8  
179 19.9 15.2 22.8  
108 16.3 11.9 17.9



#41  
Hexachlorocyclopentadiene  
Concen: 137.305 ng  
RT: 9.028 min Scan# 1162  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:237 Resp: 212668  
Ion Ratio Lower Upper  
237 100  
235 63.1 44.3 84.3  
272 13.4 0.0 35.2





#42

2,4,6-Tribromophenol

Concen: 98.151 ng

RT: 10.716 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

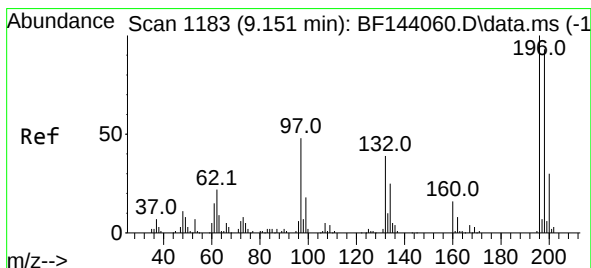
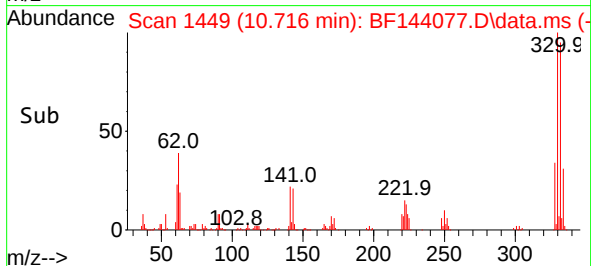
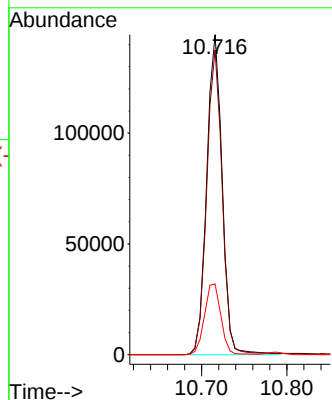
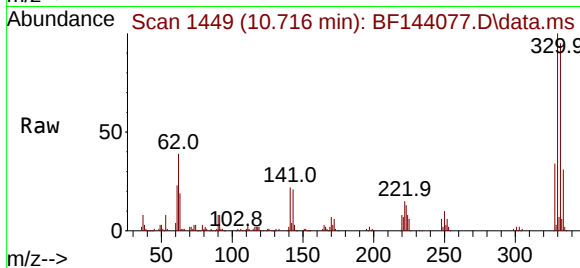
Tgt Ion:330 Resp: 182428

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 23.5 19.4 29.0



#43

2,4,6-Trichlorophenol

Concen: 46.504 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

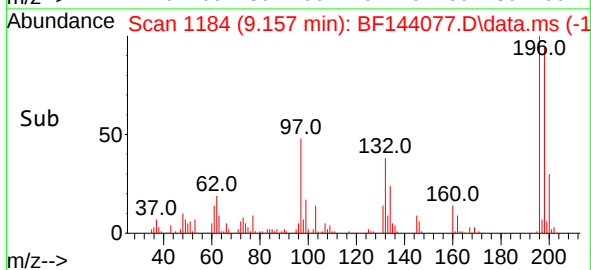
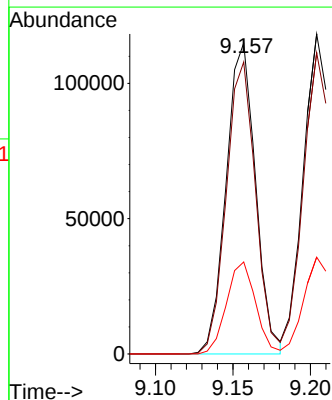
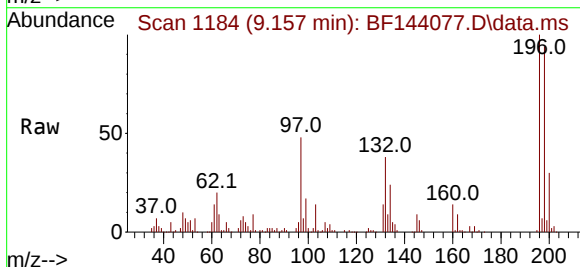
Tgt Ion:196 Resp: 151582

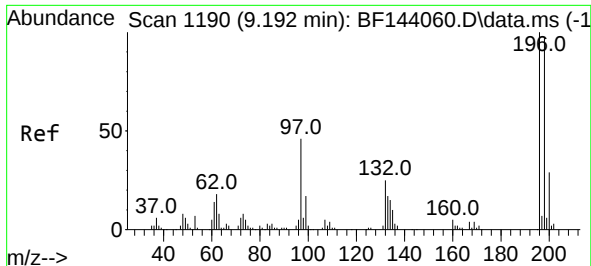
Ion Ratio Lower Upper

196 100

198 93.9 74.4 111.6

200 29.6 23.8 35.8

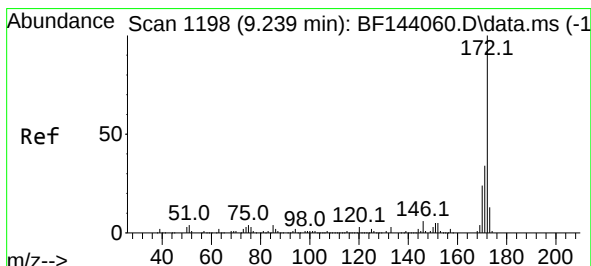
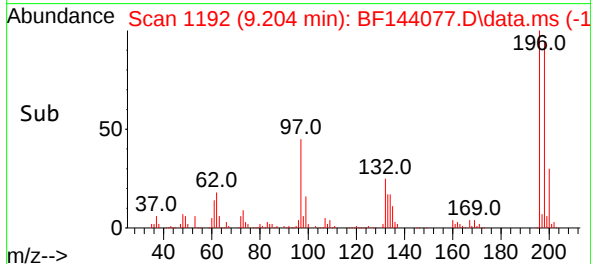
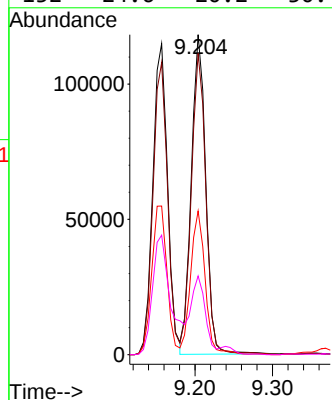
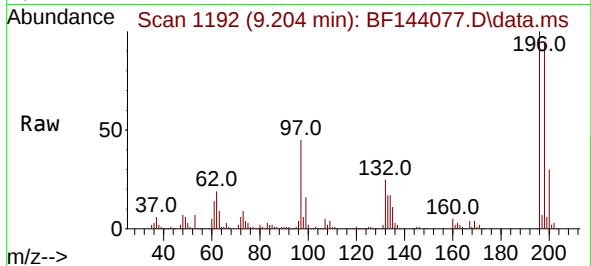




#44  
2,4,5-Trichlorophenol  
Concen: 44.797 ng  
RT: 9.204 min Scan# 1190  
Delta R.T. 0.012 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

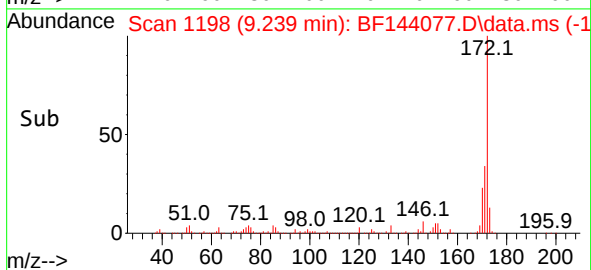
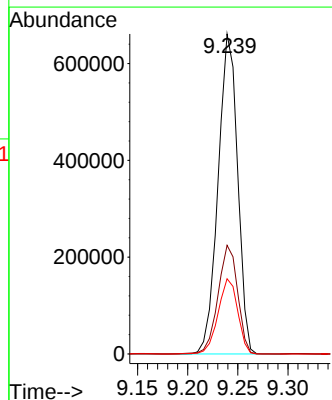
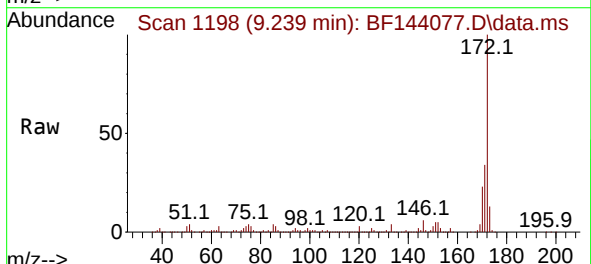
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

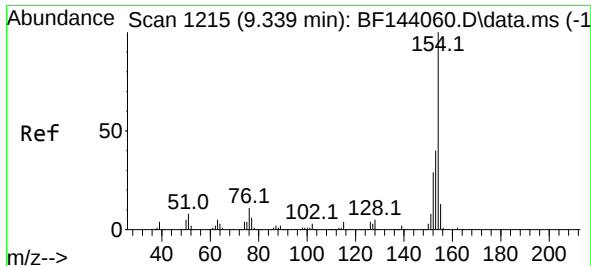
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 153246 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.2  | 78.0  | 117.0  |
| 97        | 44.9  | 37.7  | 56.5   |
| 132       | 24.6  | 20.2  | 30.4   |



#45  
2-Fluorobiphenyl  
Concen: 86.116 ng  
RT: 9.239 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 892931 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 33.9  | 27.5  | 41.3   |
| 170       | 23.5  | 19.0  | 28.6   |

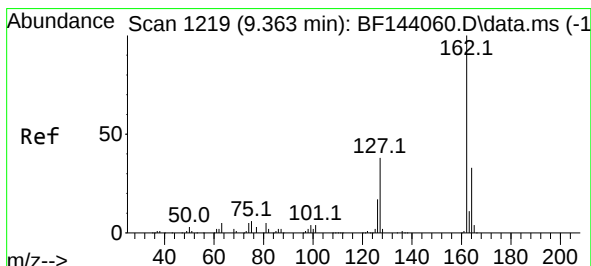
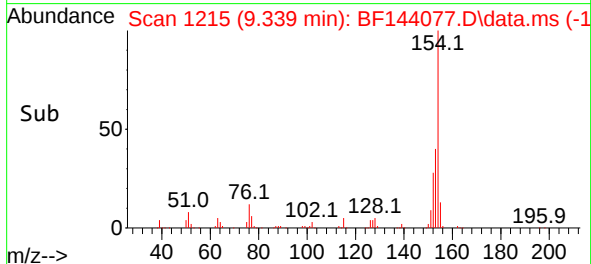
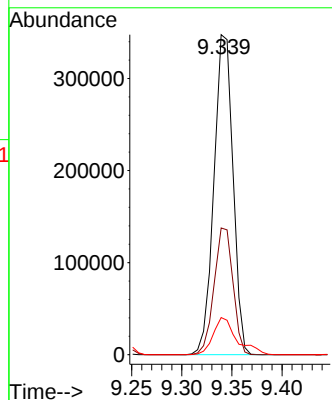
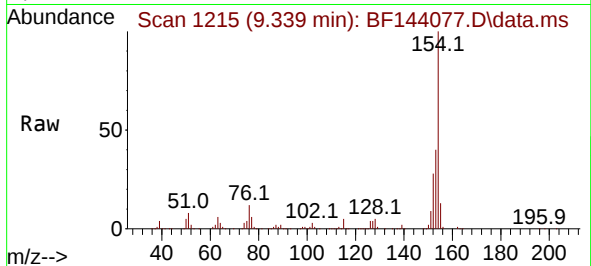




#46  
1,1'-Biphenyl  
Concen: 43.972 ng  
RT: 9.339 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

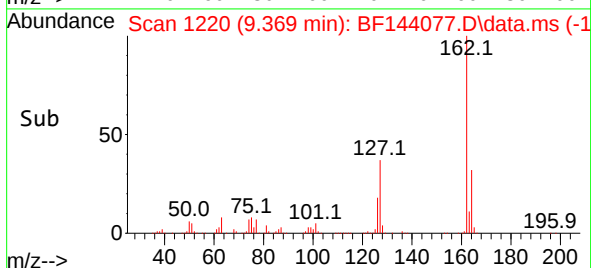
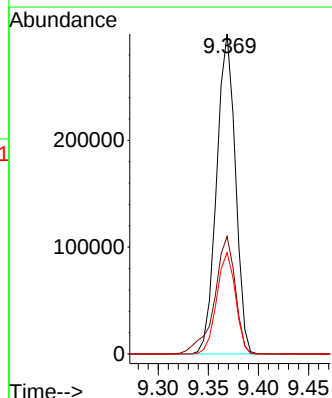
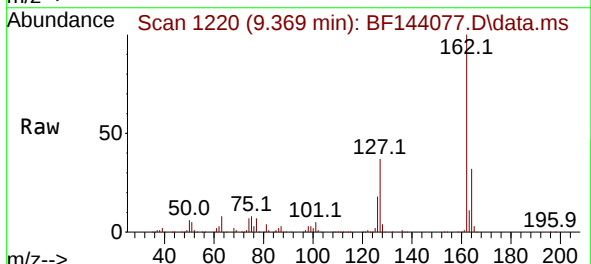
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

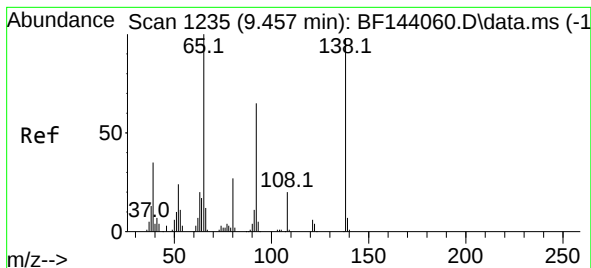
Tgt Ion:154 Resp: 459294  
Ion Ratio Lower Upper  
154 100  
153 39.6 19.7 59.7  
76 11.6 0.0 31.1



#47  
2-Chloronaphthalene  
Concen: 44.588 ng  
RT: 9.369 min Scan# 1220  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:162 Resp: 390176  
Ion Ratio Lower Upper  
162 100  
127 36.7 31.6 47.4  
164 31.7 26.5 39.7





#48

2-Nitroaniline

Concen: 48.208 ng

RT: 9.463 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

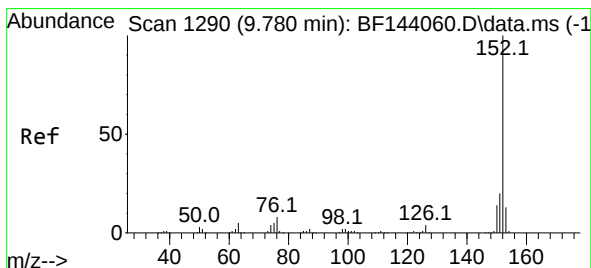
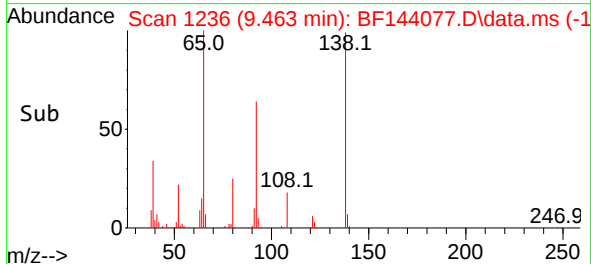
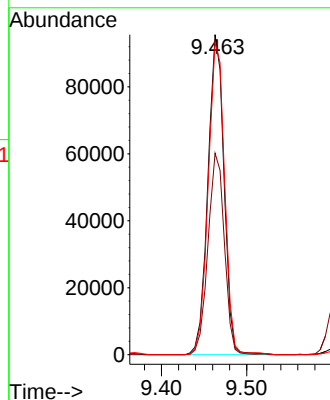
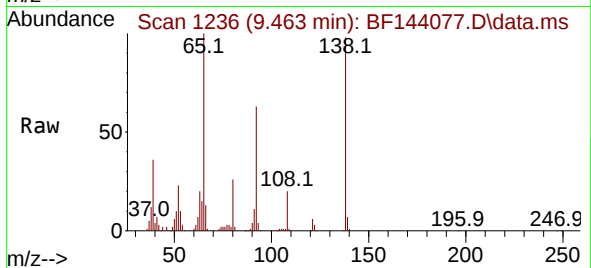
Tgt Ion: 65 Resp: 125269

Ion Ratio Lower Upper

65 100

92 63.0 52.3 78.5

138 97.7 78.3 117.5



#49

Acenaphthylene

Concen: 46.073 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

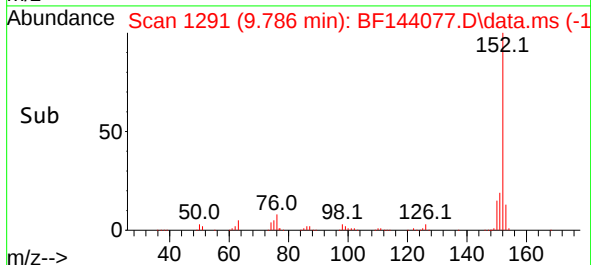
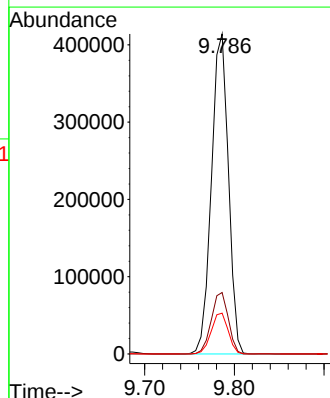
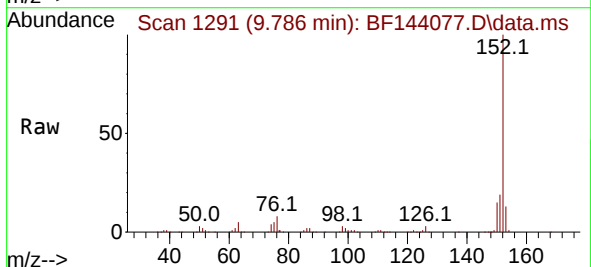
Tgt Ion:152 Resp: 543618

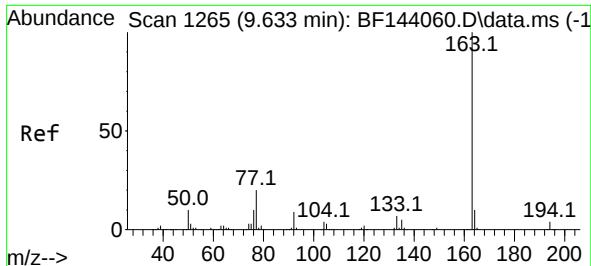
Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

153 12.7 10.4 15.6

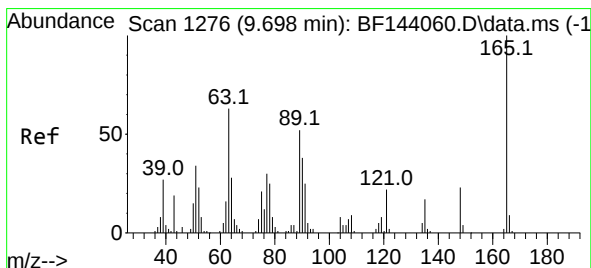
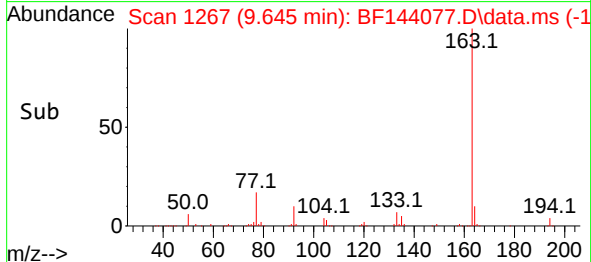
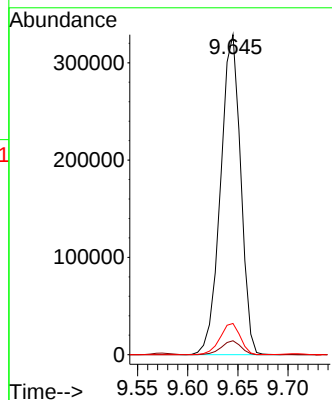
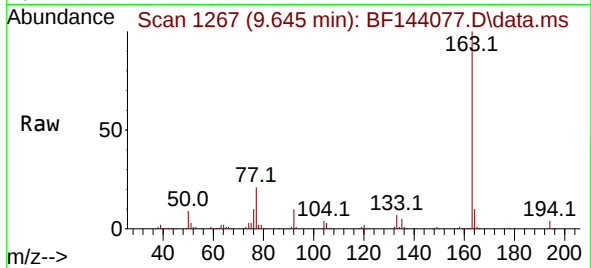




#50  
Dimethylphthalate  
Concen: 47.834 ng  
RT: 9.645 min Scan# 1265  
Delta R.T. 0.012 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

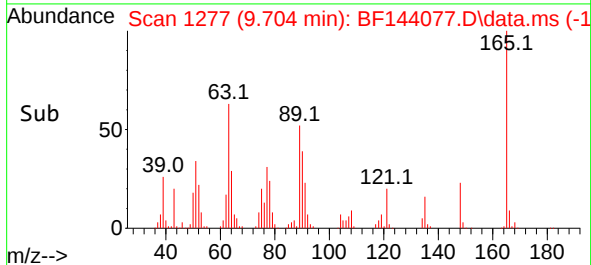
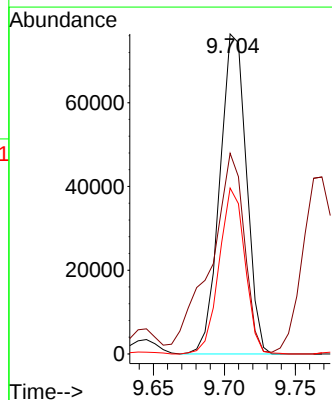
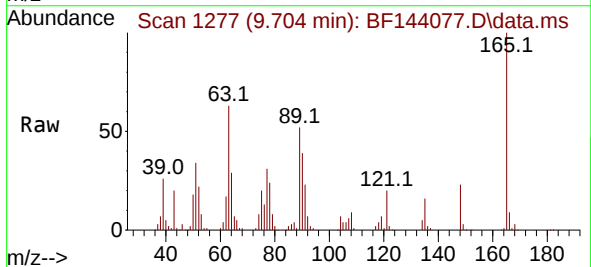
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

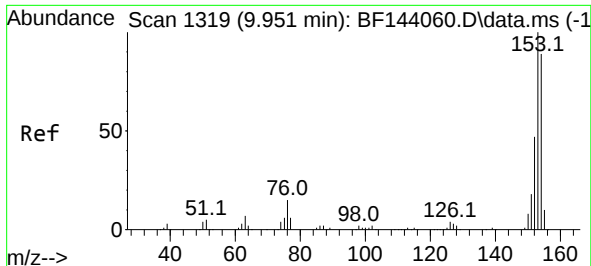
Tgt Ion:163 Resp: 457498  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 9.7 7.8 11.8



#51  
2,6-Dinitrotoluene  
Concen: 52.642 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:165 Resp: 99534  
Ion Ratio Lower Upper  
165 100  
63 62.7 50.4 75.6  
89 51.8 41.4 62.2

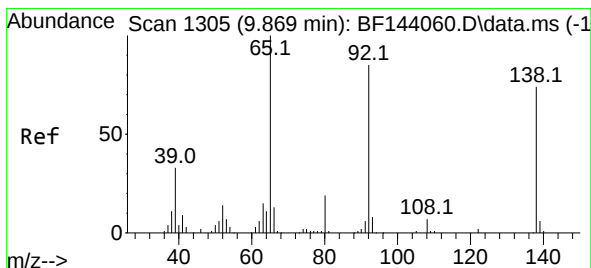
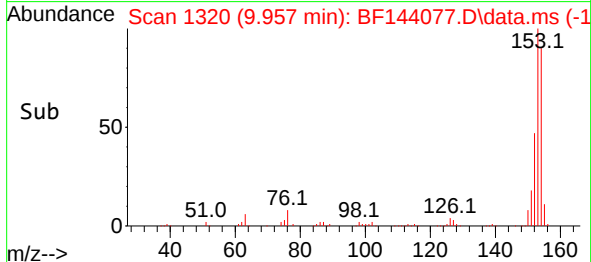
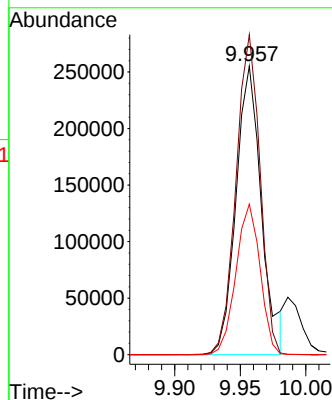
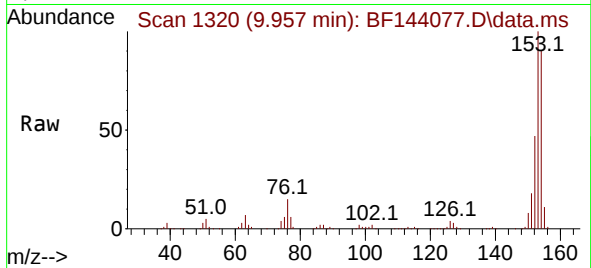




#52  
Acenaphthene  
Concen: 43.789 ng  
RT: 9.957 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

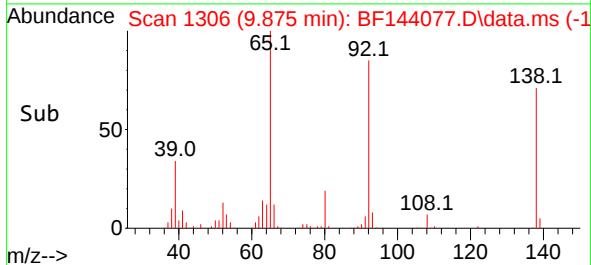
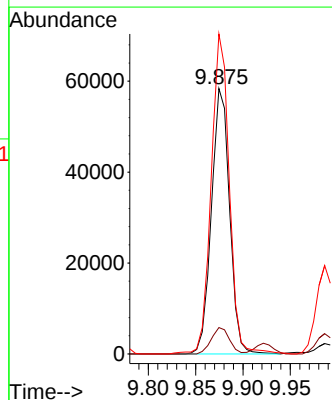
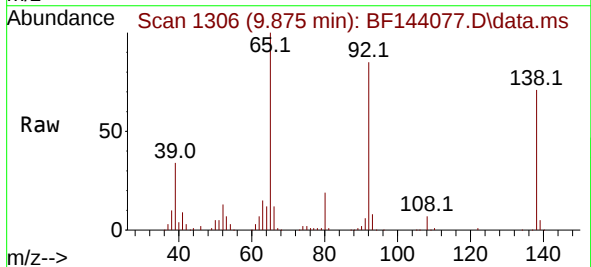
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

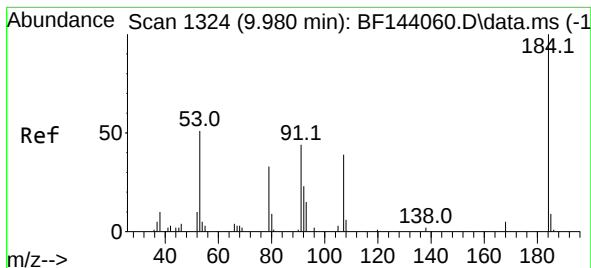
Tgt Ion:154 Resp: 345051  
Ion Ratio Lower Upper  
154 100  
153 110.9 89.9 134.9  
152 52.2 42.0 63.0



#53  
3-Nitroaniline  
Concen: 37.101 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:138 Resp: 77993  
Ion Ratio Lower Upper  
138 100  
108 10.0 7.9 11.9  
92 120.6 92.0 138.0





#54

2,4-Dinitrophenol

Concen: 115.513 ng

RT: 9.986 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

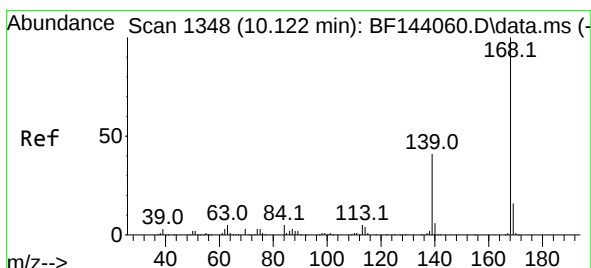
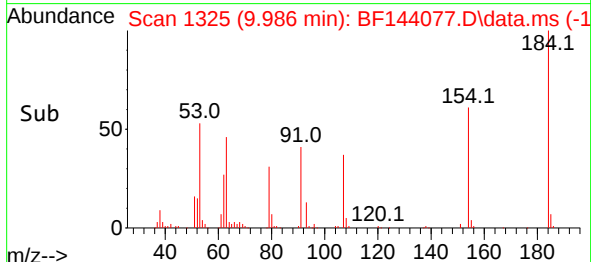
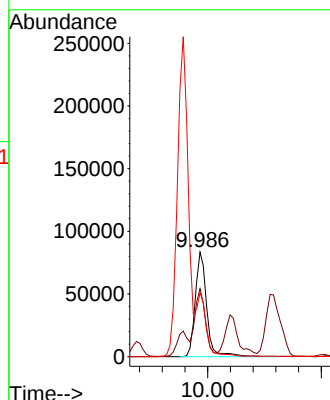
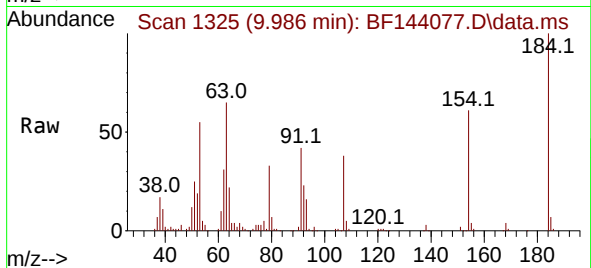
Tgt Ion:184 Resp: 118130

Ion Ratio Lower Upper

184 100

63 65.2 52.1 78.1

154 61.0 47.9 71.9



#55

Dibenzofuran

Concen: 45.675 ng

RT: 10.127 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

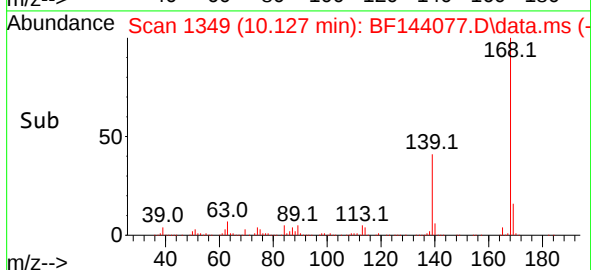
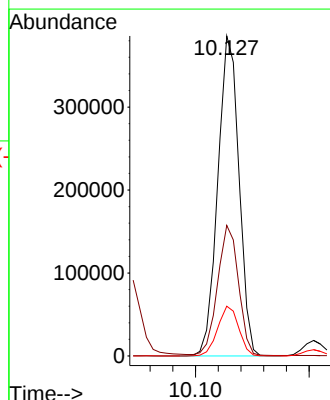
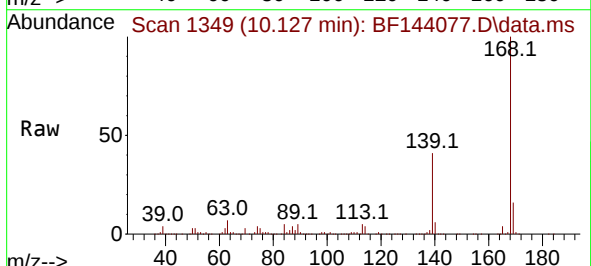
Tgt Ion:168 Resp: 499666

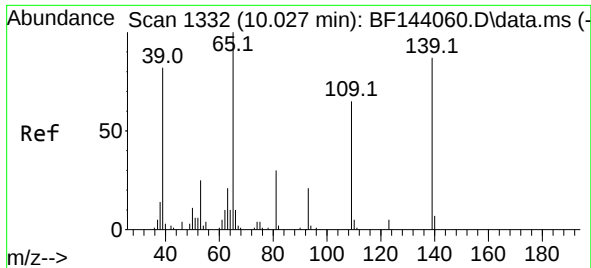
Ion Ratio Lower Upper

168 100

139 40.8 33.2 49.8

169 15.5 12.6 19.0

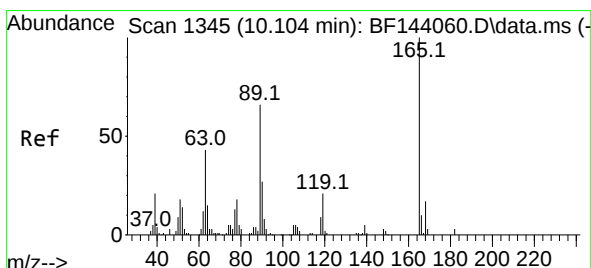
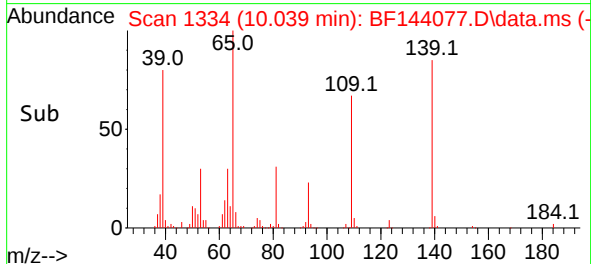
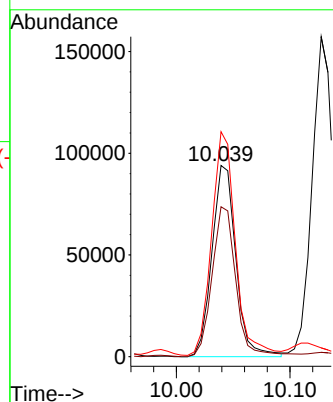
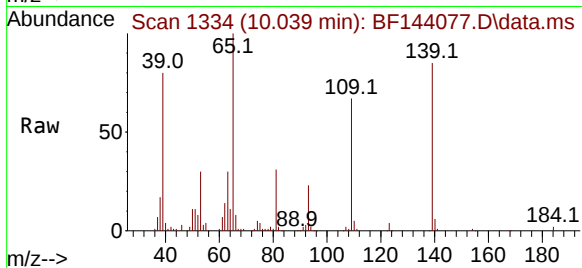




#56  
4-Nitrophenol  
Concen: 96.685 ng  
RT: 10.039 min Scan# 1332  
Delta R.T. 0.012 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

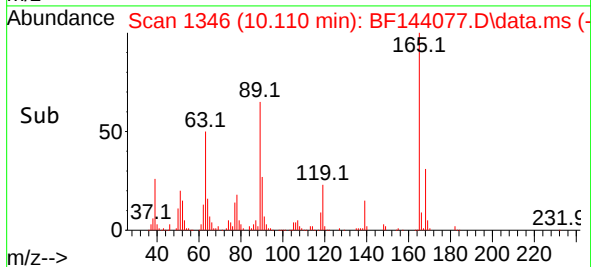
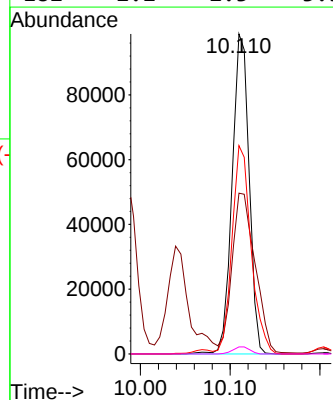
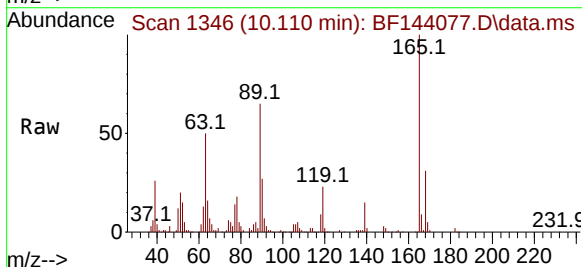
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

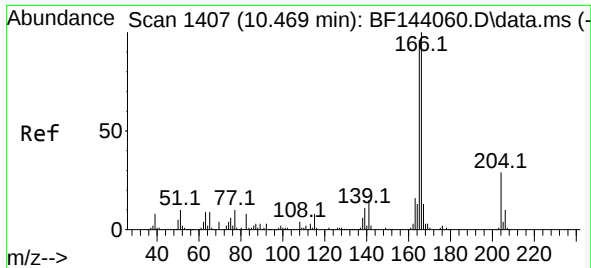
Tgt Ion:139 Resp: 137633  
Ion Ratio Lower Upper  
139 100  
109 78.4 53.8 93.8  
65 117.6 95.9 135.9



#57  
2,4-Dinitrotoluene  
Concen: 50.738 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:165 Resp: 129476  
Ion Ratio Lower Upper  
165 100  
63 50.3 35.4 53.2  
89 65.1 52.7 79.1  
182 2.2 2.3 3.5#

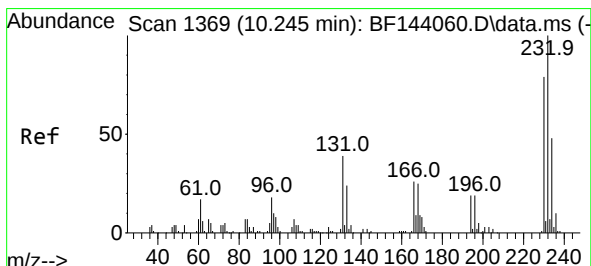
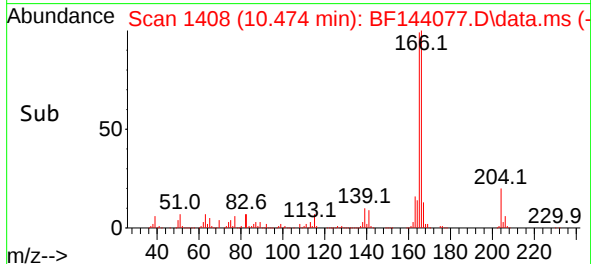
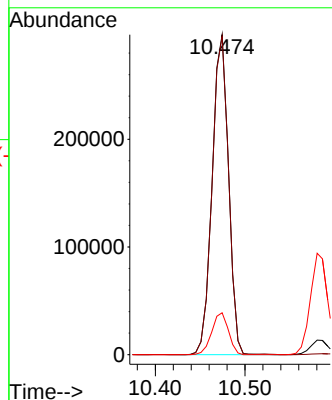
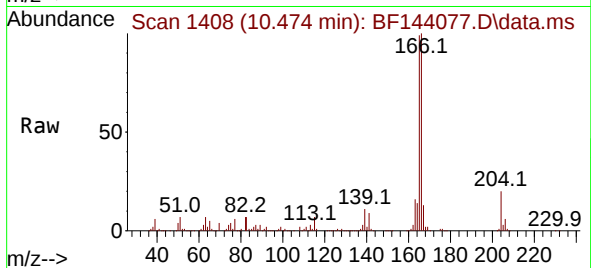




#58  
Fluorene  
Concen: 45.139 ng  
RT: 10.474 min Scan# 1408  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

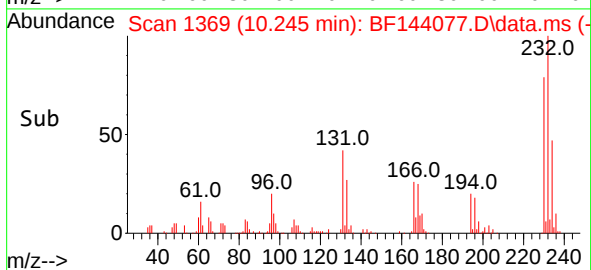
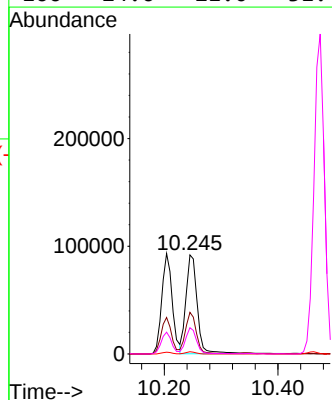
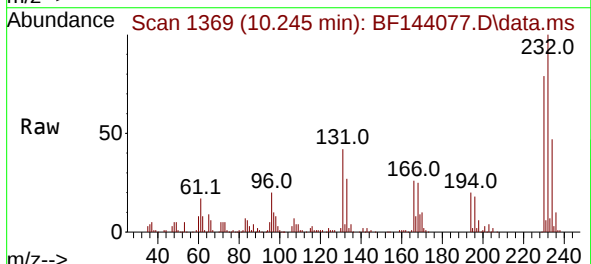
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

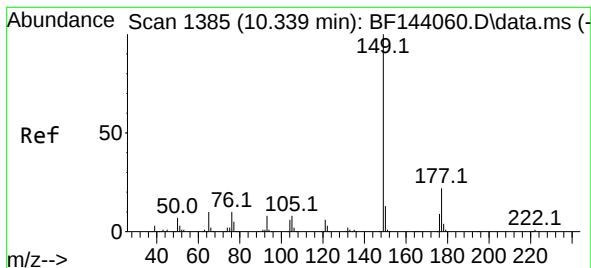
Tgt Ion:166 Resp: 376247  
Ion Ratio Lower Upper  
166 100  
165 99.4 77.0 115.4  
167 13.1 10.2 15.4



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.507 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:232 Resp: 126574  
Ion Ratio Lower Upper  
232 100  
131 39.0 31.9 47.9  
130 1.9 1.1 1.7#  
166 24.6 21.0 31.4

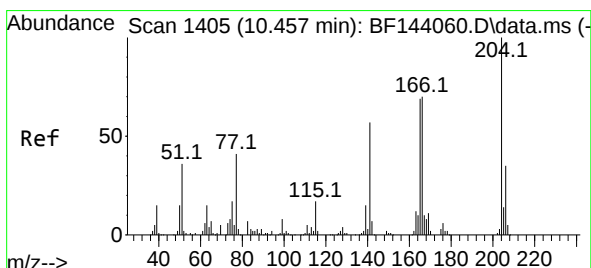
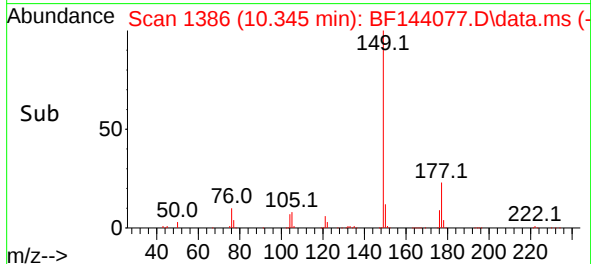
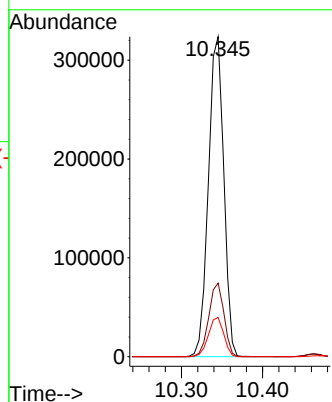
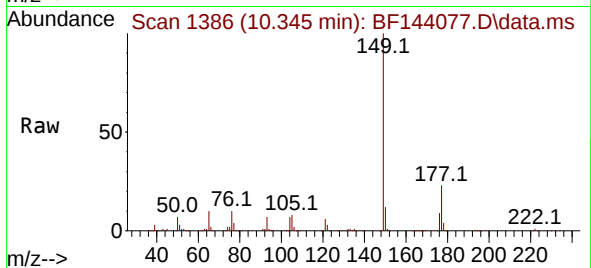




#60  
Diethylphthalate  
Concen: 47.287 ng  
RT: 10.345 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

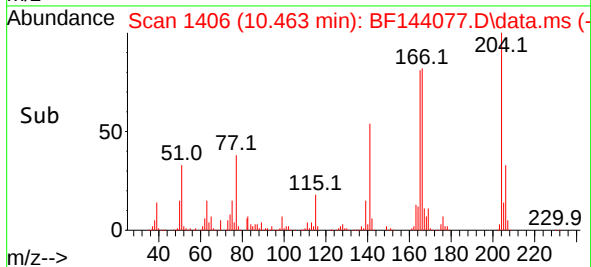
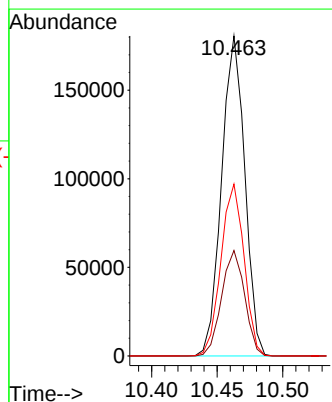
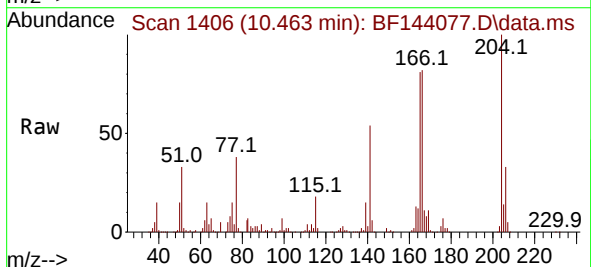
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

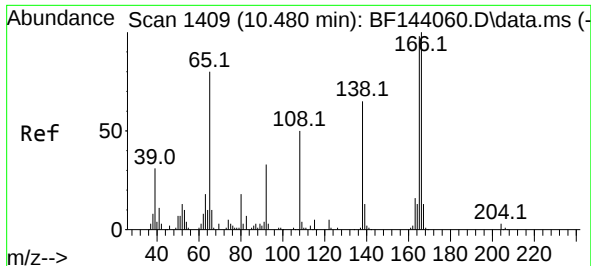
Tgt Ion:149 Resp: 425325  
Ion Ratio Lower Upper  
149 100  
177 23.0 17.8 26.6  
150 12.2 10.1 15.1



#61  
4-Chlorophenyl-phenylether  
Concen: 47.349 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:204 Resp: 221949  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.8 41.6  
141 53.7 45.4 68.2

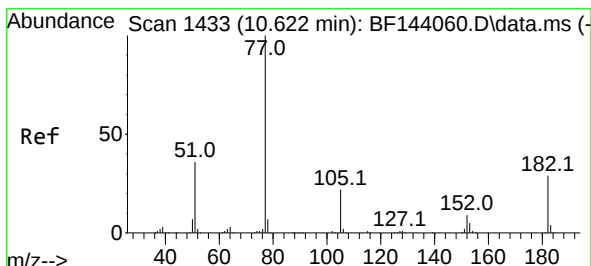
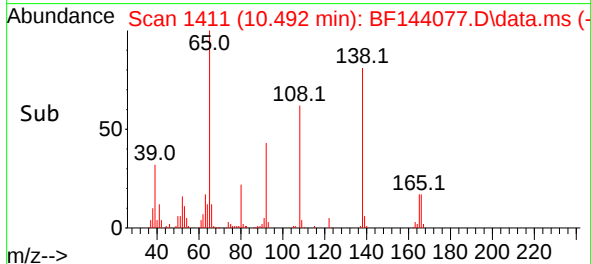
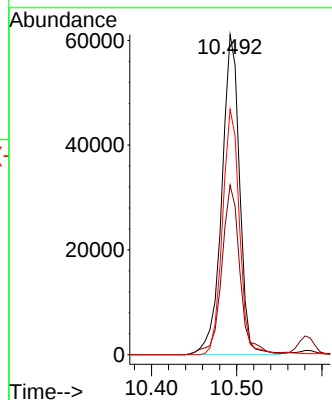
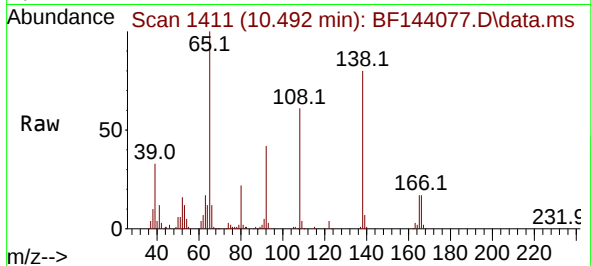




#62  
4-Nitroaniline  
Concen: 44.541 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. 0.012 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

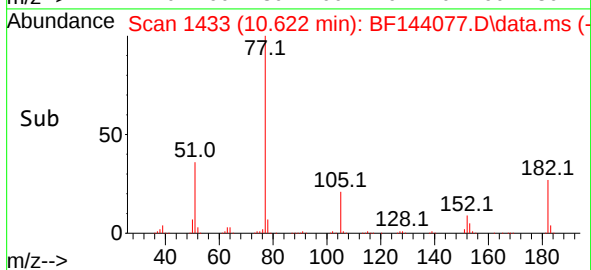
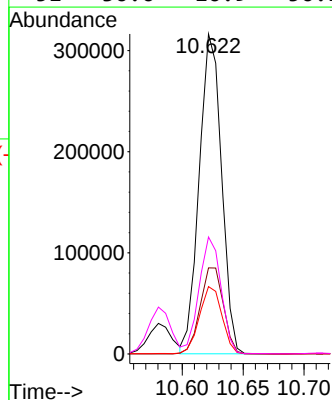
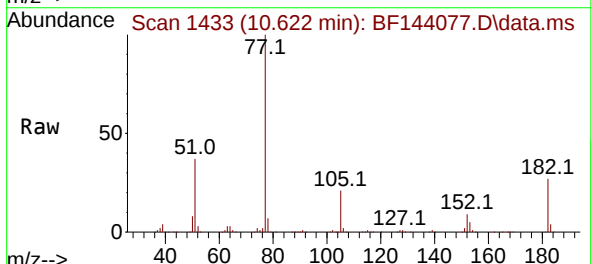
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

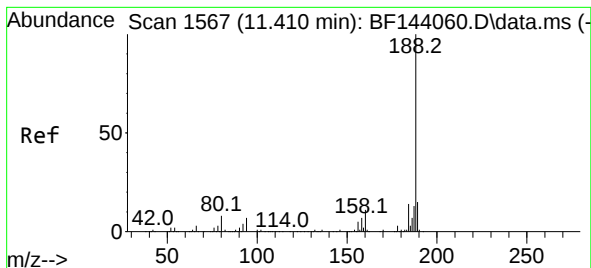
Tgt Ion:138 Resp: 88718  
Ion Ratio Lower Upper  
138 100  
92 53.0 30.5 70.5  
108 76.7 56.2 96.2



#63  
Azobenzene  
Concen: 47.262 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion: 77 Resp: 402347  
Ion Ratio Lower Upper  
77 100  
182 26.9 9.0 49.0  
105 21.1 1.4 41.4  
51 36.6 16.9 56.9

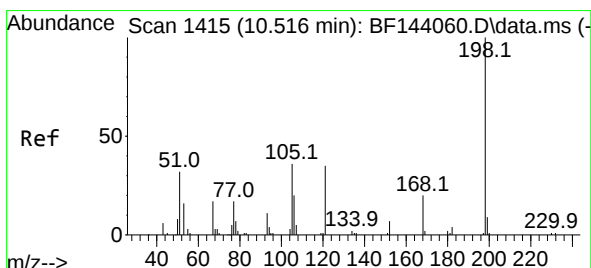
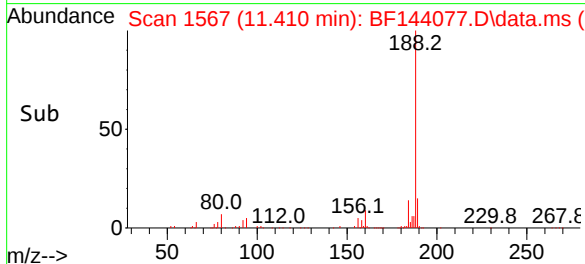
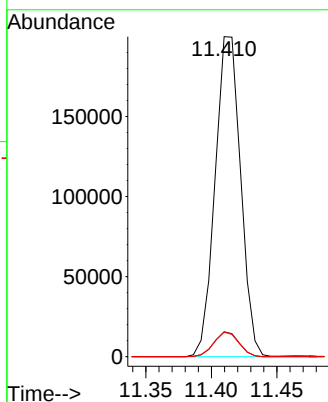
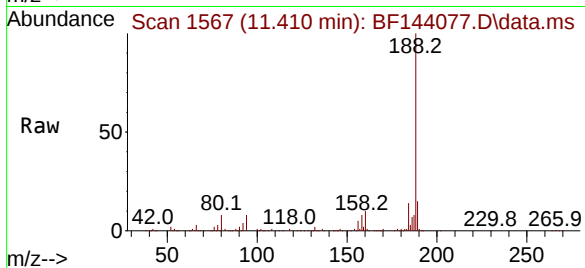




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

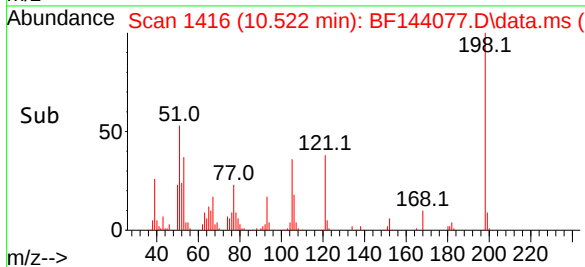
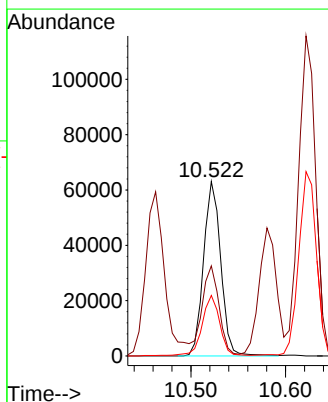
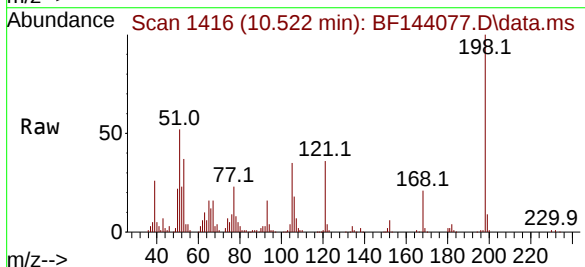
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

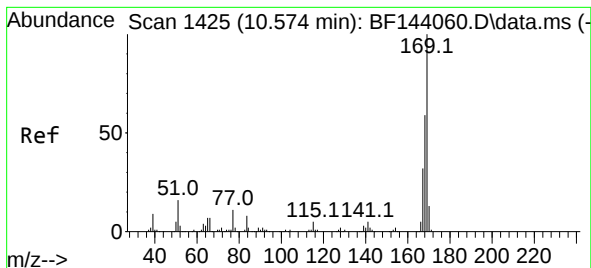
Tgt Ion:188 Resp: 270812  
Ion Ratio Lower Upper  
188 100  
94 7.8 5.4 8.0  
80 7.6 6.0 9.0



#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.919 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:198 Resp: 79784  
Ion Ratio Lower Upper  
198 100  
51 51.6 25.8 65.8  
105 34.6 17.2 57.2





#66

n-Nitrosodiphenylamine

Concen: 43.507 ng

RT: 10.580 min Scan# 1425

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

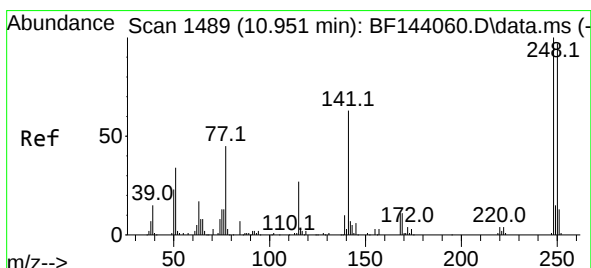
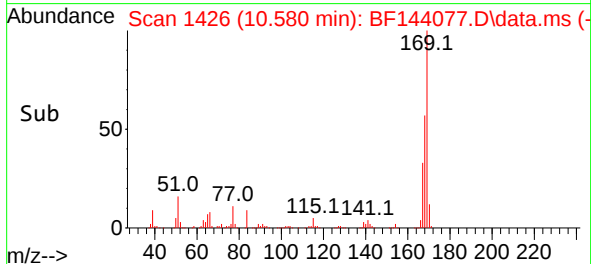
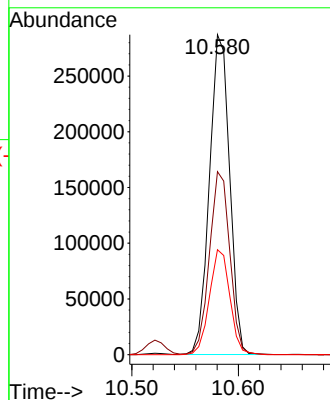
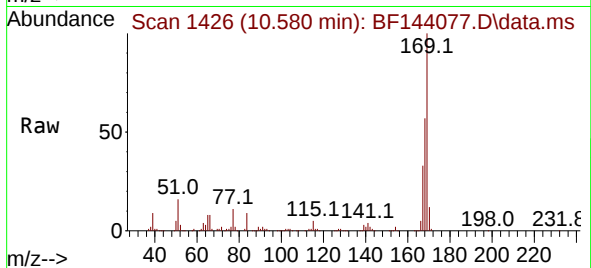
Tgt Ion:169 Resp: 376450

Ion Ratio Lower Upper

169 100

168 57.2 47.4 71.2

167 32.8 25.5 38.3



#67

4-Bromophenyl-phenylether

Concen: 45.361 ng

RT: 10.957 min Scan# 1490

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

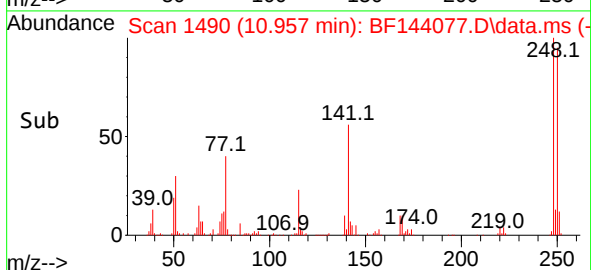
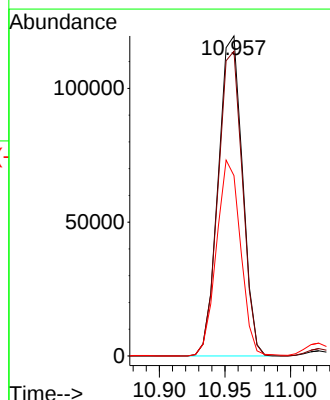
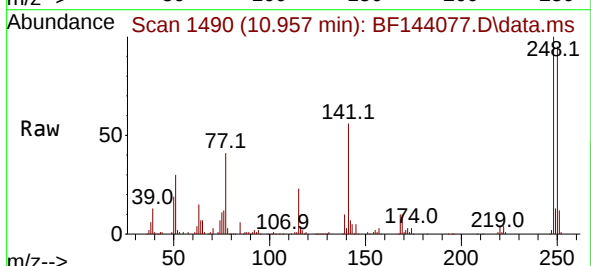
Tgt Ion:248 Resp: 153807

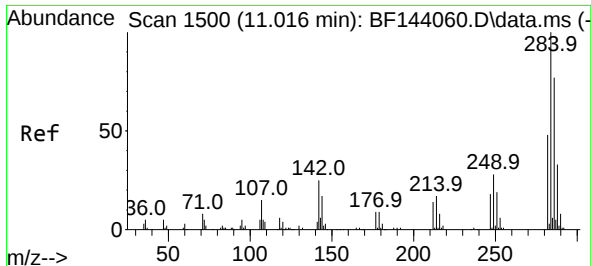
Ion Ratio Lower Upper

248 100

250 95.3 77.8 116.6

141 56.4 50.5 75.7

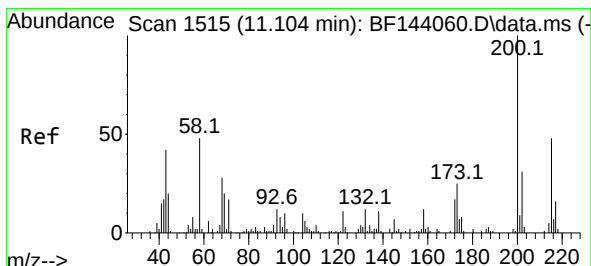
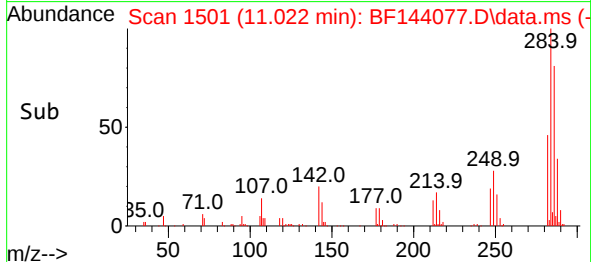
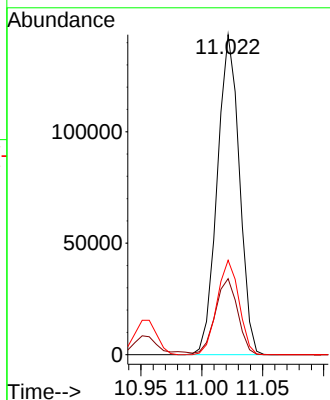
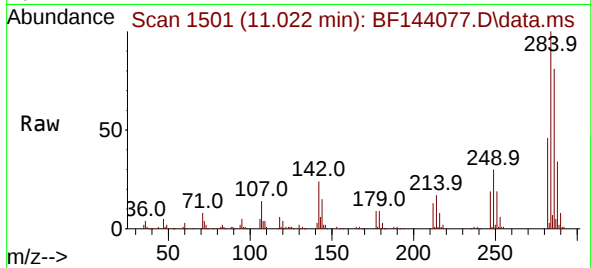




#68  
Hexachlorobenzene  
Concen: 43.588 ng  
RT: 11.022 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

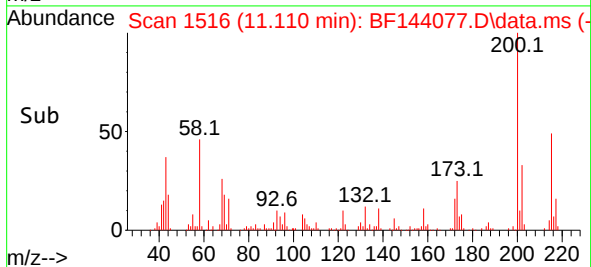
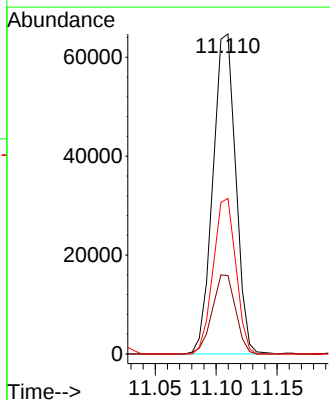
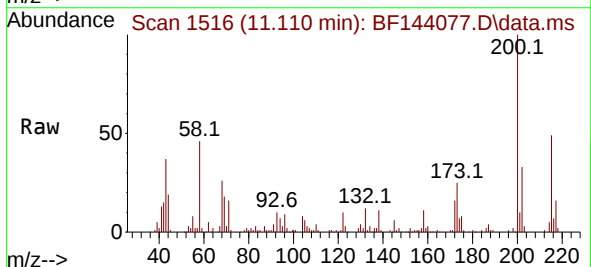
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

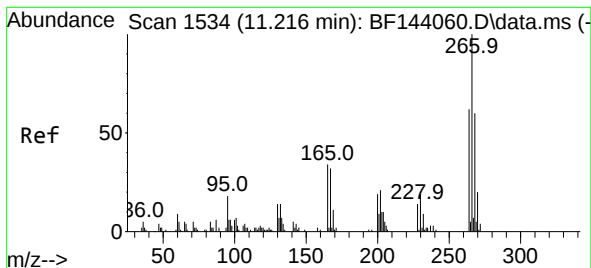
Tgt Ion:284 Resp: 181258  
Ion Ratio Lower Upper  
284 100  
142 23.8 20.0 30.0  
249 29.5 22.2 33.2



#69  
Atrazine  
Concen: 29.818 ng  
RT: 11.110 min Scan# 1516  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:200 Resp: 84663  
Ion Ratio Lower Upper  
200 100  
173 24.5 4.9 44.9  
215 48.6 28.2 68.2





#70

Pentachlorophenol

Concen: 90.147 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

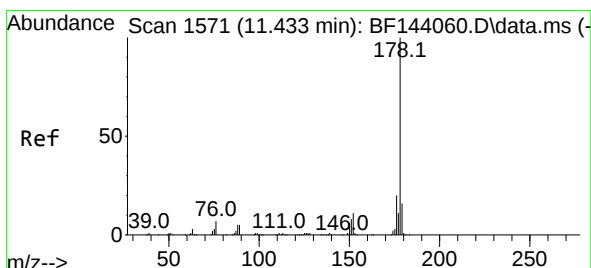
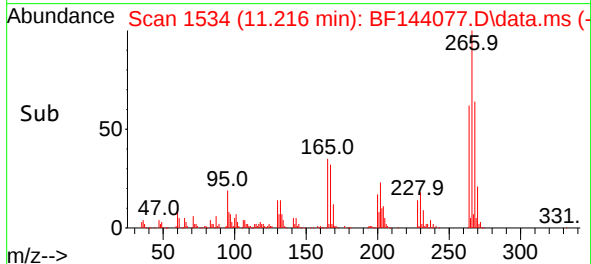
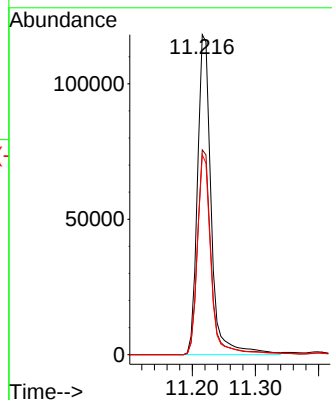
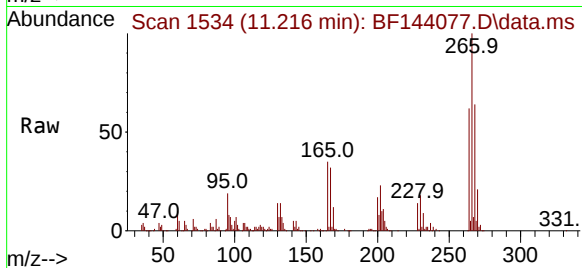
Tgt Ion:266 Resp: 178439

Ion Ratio Lower Upper

266 100

268 64.0 48.2 72.4

264 62.4 49.4 74.0



#71

Phenanthrene

Concen: 42.899 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

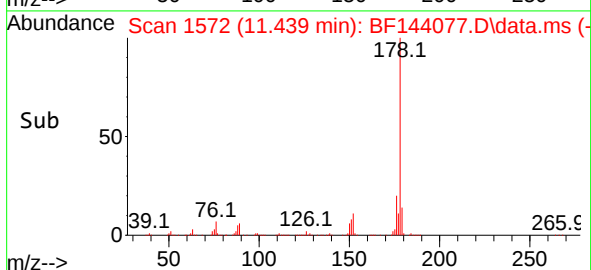
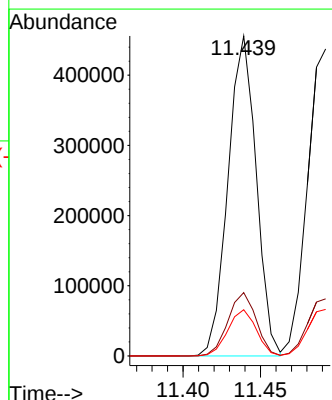
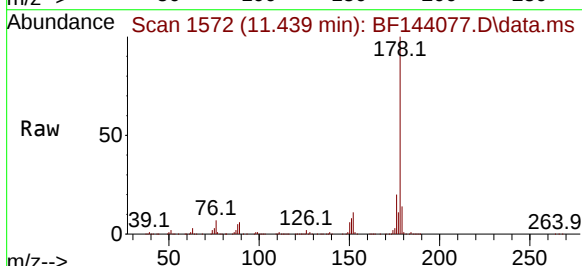
Tgt Ion:178 Resp: 577108

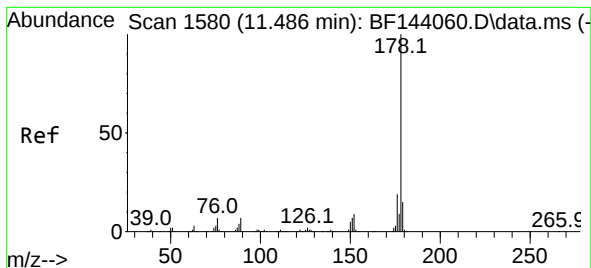
Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

179 14.4 12.6 18.8





#72

Anthracene

Concen: 41.281 ng

RT: 11.492 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

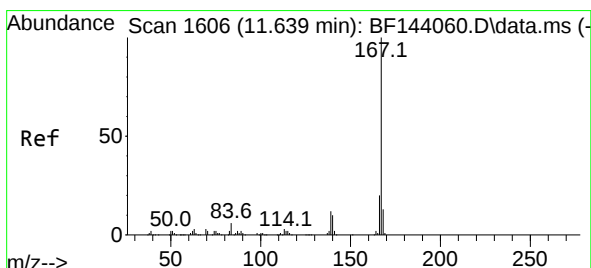
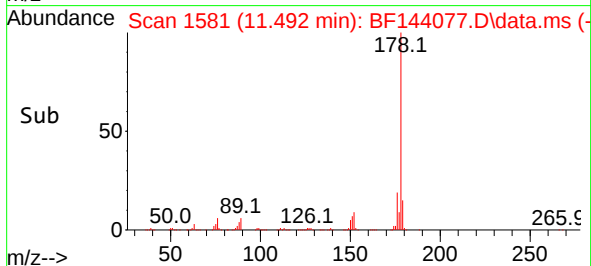
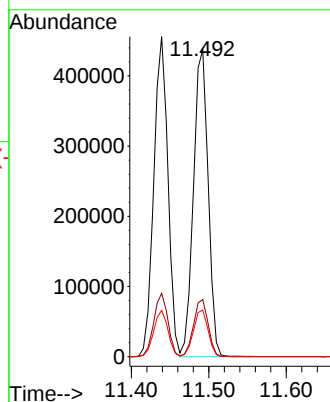
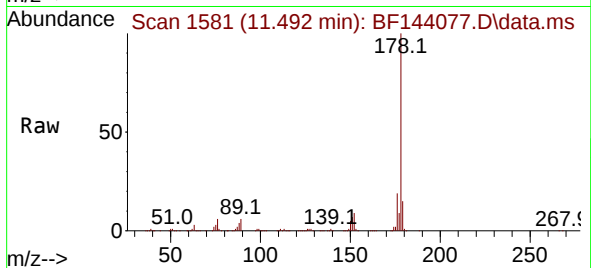
Tgt Ion:178 Resp: 573686

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.1 11.8 17.6



#73

Carbazole

Concen: 42.357 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

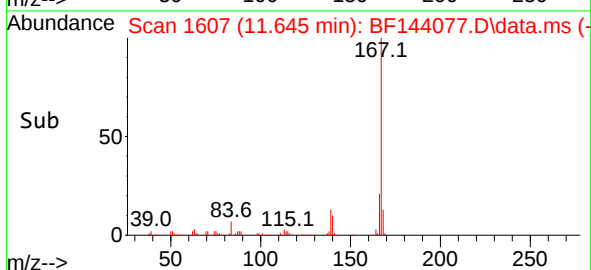
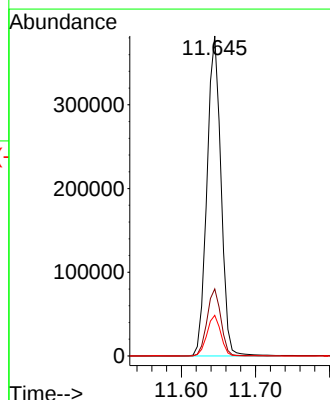
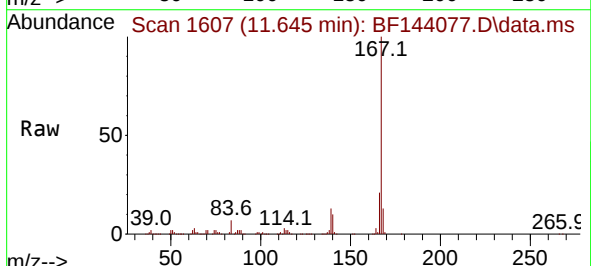
Tgt Ion:167 Resp: 501022

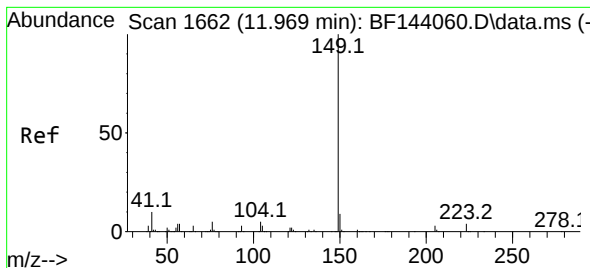
Ion Ratio Lower Upper

167 100

166 20.9 16.1 24.1

139 12.7 9.8 14.6

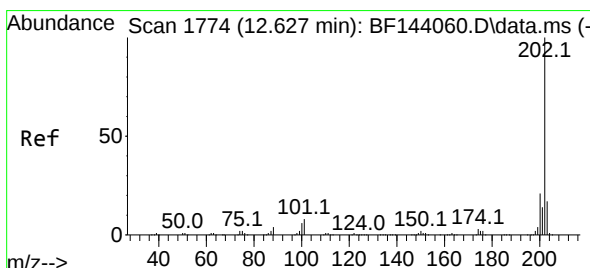
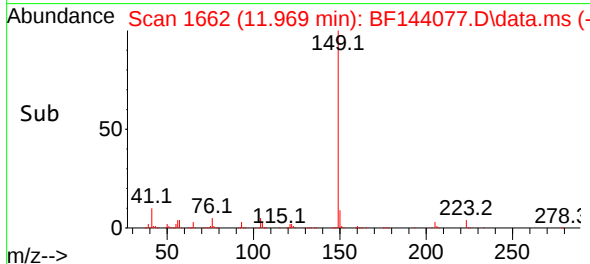
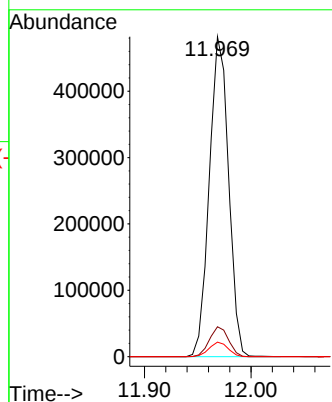
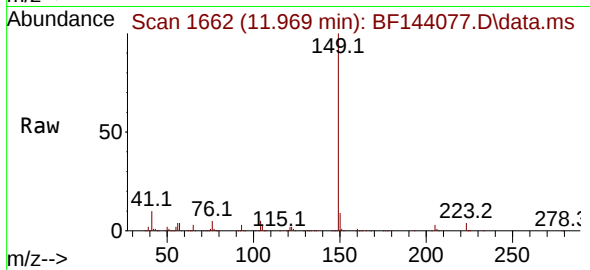




#74  
Di-n-butylphthalate  
Concen: 41.876 ng  
RT: 11.969 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

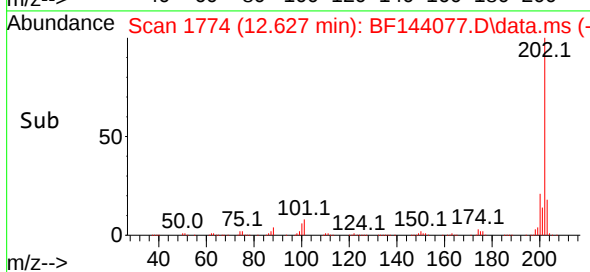
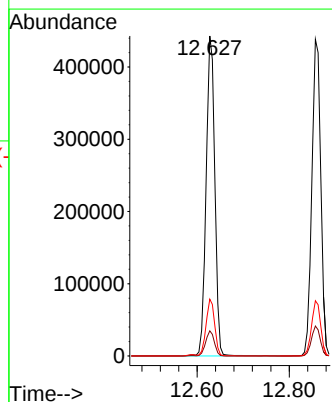
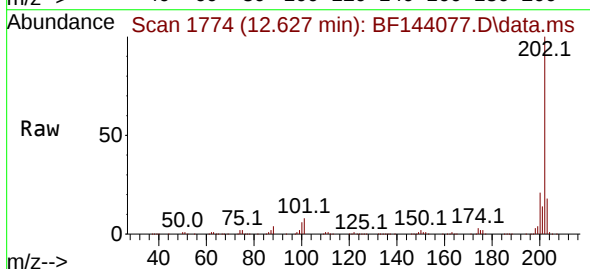
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

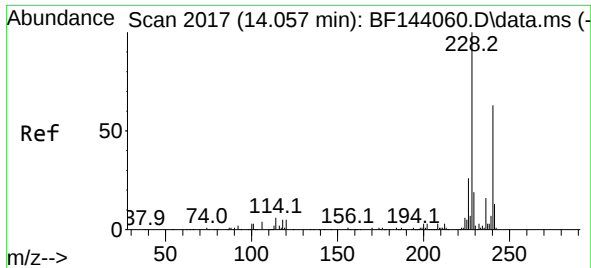
Tgt Ion:149 Resp: 607300  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.3 10.9  
104 4.5 3.6 5.4



#75  
Fluoranthene  
Concen: 39.483 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:202 Resp: 586828  
Ion Ratio Lower Upper  
202 100  
101 7.9 0.0 27.7  
203 17.8 0.0 37.3

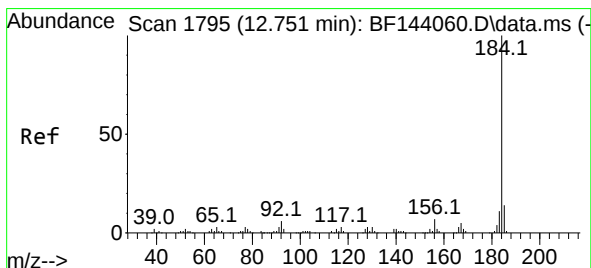
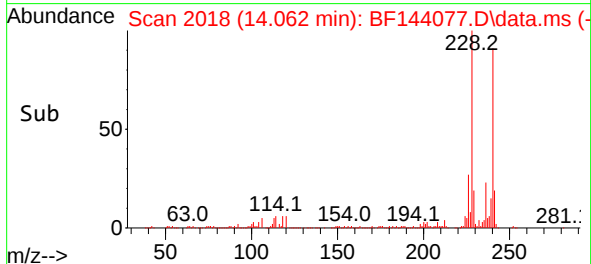
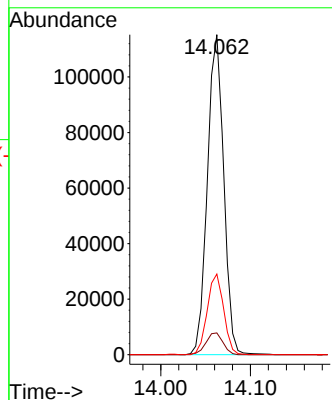
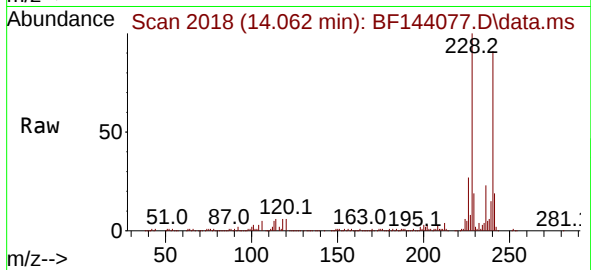




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.062 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

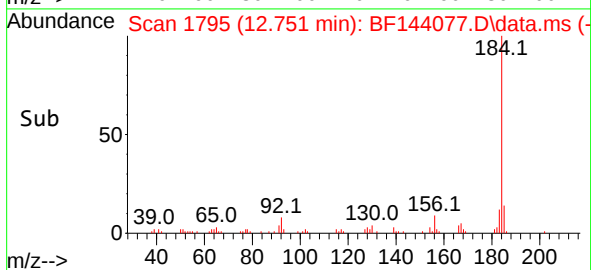
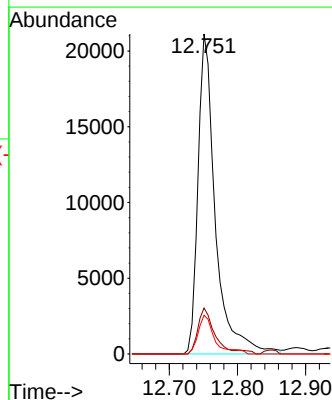
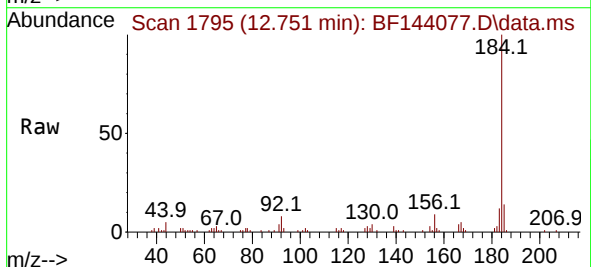
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

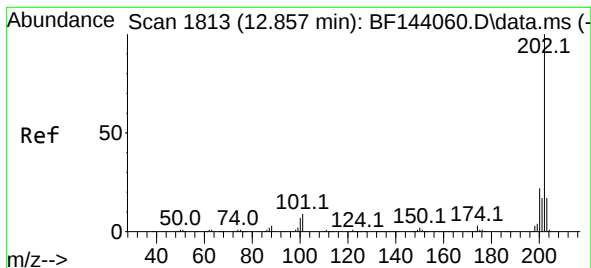
Tgt Ion:240 Resp: 145792  
Ion Ratio Lower Upper  
240 100  
120 6.8 6.5 9.7  
236 25.2 20.1 30.1



#77  
Benzidine  
Concen: 8.249 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:184 Resp: 37428  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.6 17.4  
183 12.1 8.5 12.7





#78

Pyrene

Concen: 56.091 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

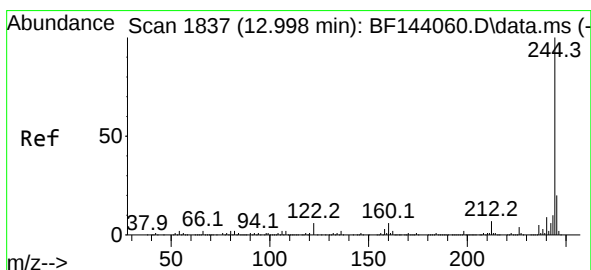
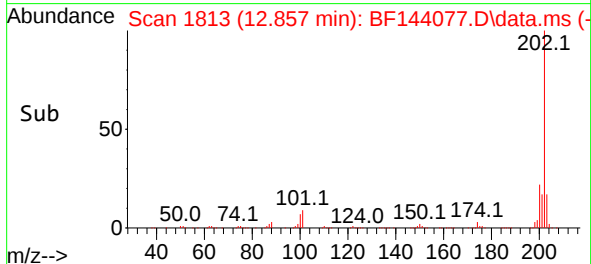
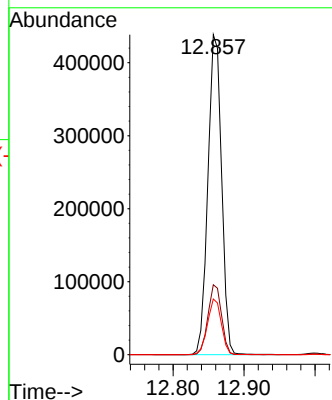
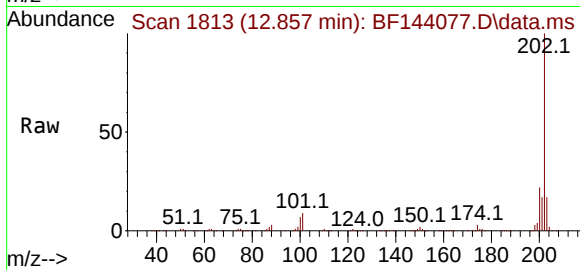
Tgt Ion:202 Resp: 587919

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.4 13.5 20.3



#79

Terphenyl-d14

Concen: 114.609 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

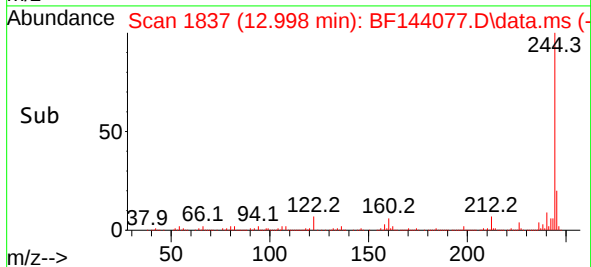
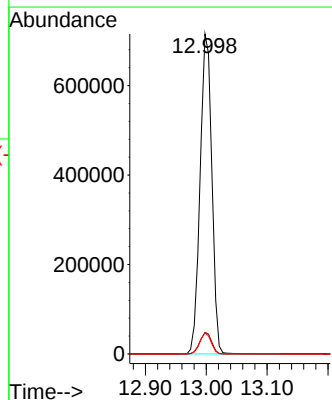
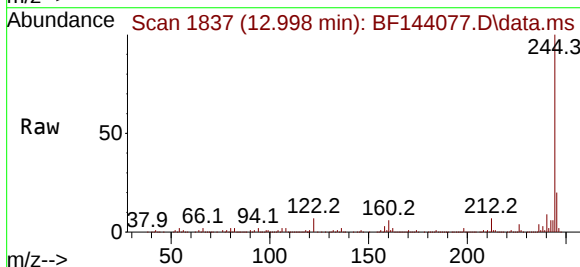
Tgt Ion:244 Resp: 955776

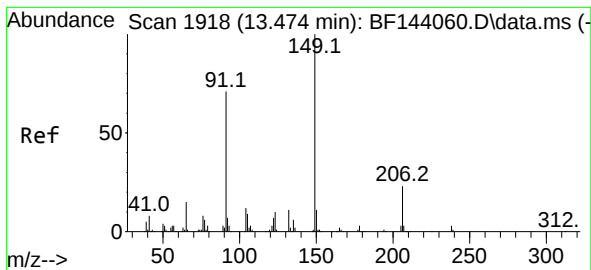
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 6.6 4.9 7.3

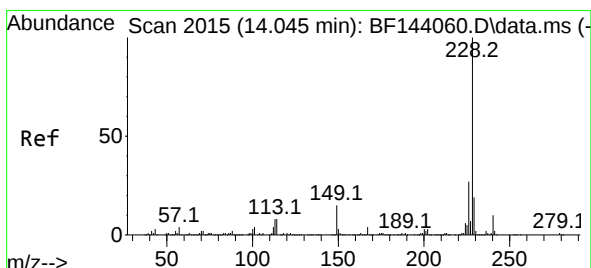
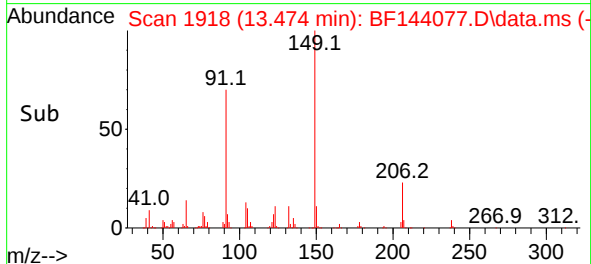
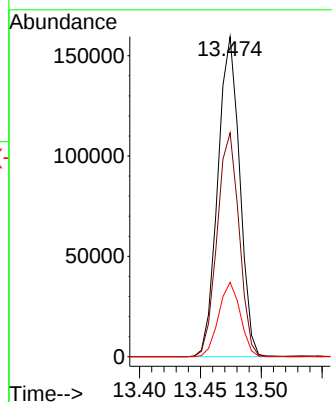
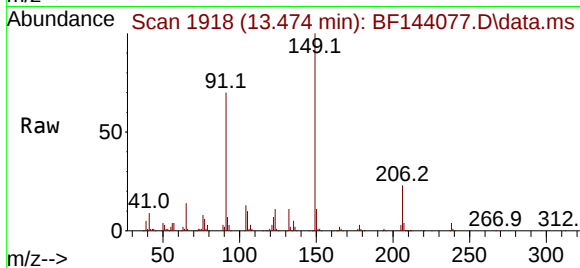




#80  
Butylbenzylphthalate  
Concen: 50.388 ng  
RT: 13.474 min Scan# 1918  
Delta R.T. 0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

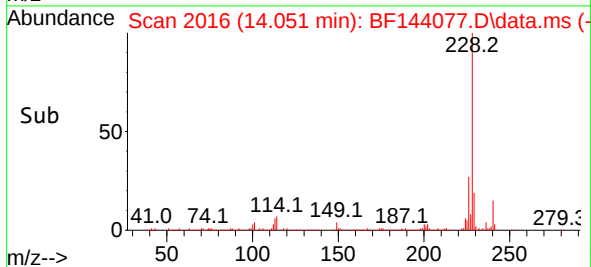
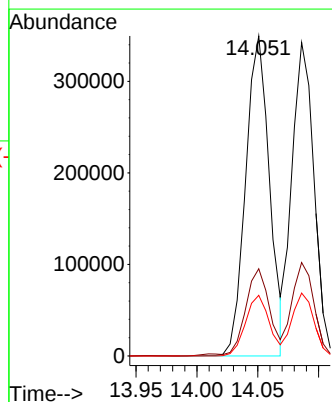
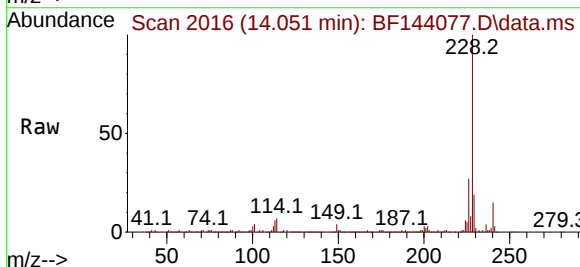
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

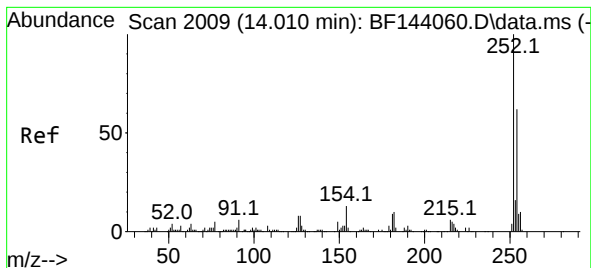
Tgt Ion:149 Resp: 199803  
Ion Ratio Lower Upper  
149 100  
91 69.9 56.6 84.8  
206 23.3 18.3 27.5



#81  
Benzo(a)anthracene  
Concen: 48.435 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:228 Resp: 477212  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.4 32.2  
229 19.0 15.3 22.9

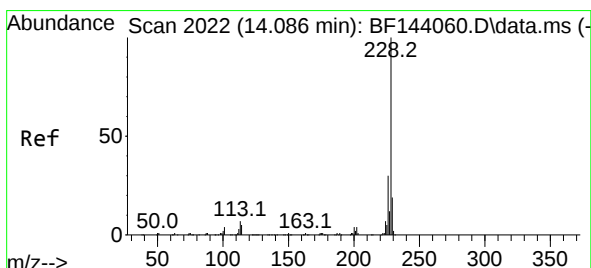
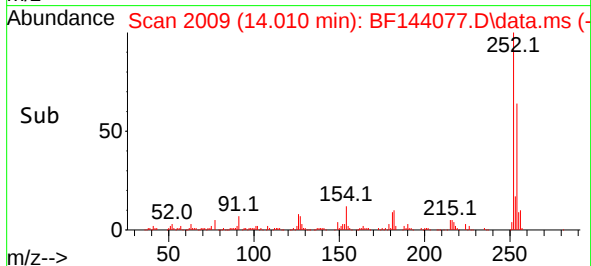
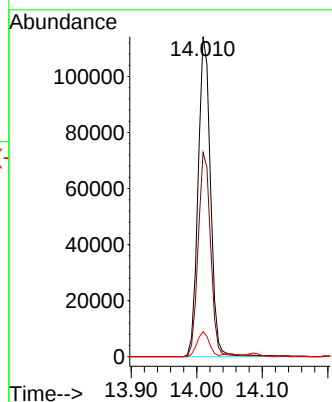
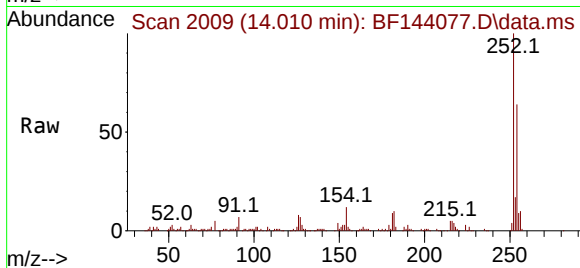




#82  
3,3'-Dichlorobenzidine  
Concen: 44.094 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

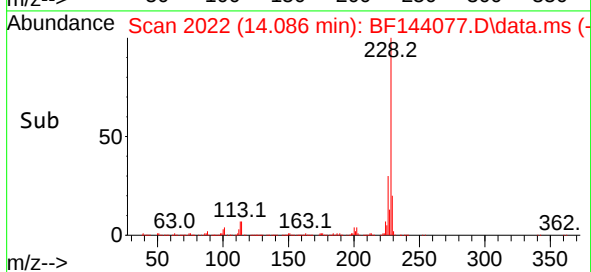
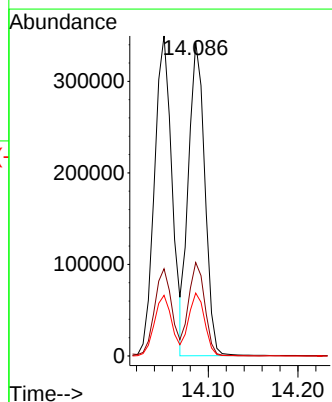
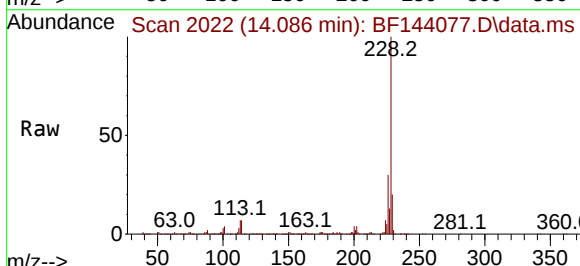
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

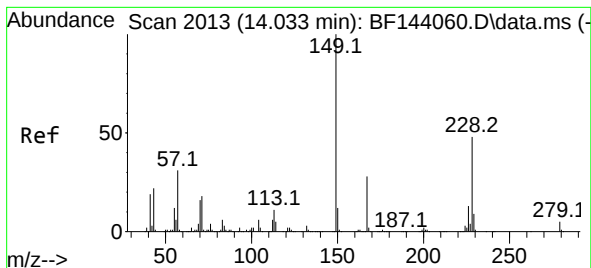
Tgt Ion:252 Resp: 151232  
Ion Ratio Lower Upper  
252 100  
254 63.8 49.9 74.9  
126 7.9 6.5 9.7



#83  
Chrysene  
Concen: 46.732 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:228 Resp: 432073  
Ion Ratio Lower Upper  
228 100  
226 29.8 23.8 35.6  
229 20.1 15.6 23.4

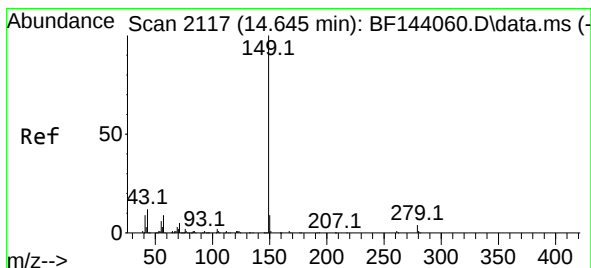
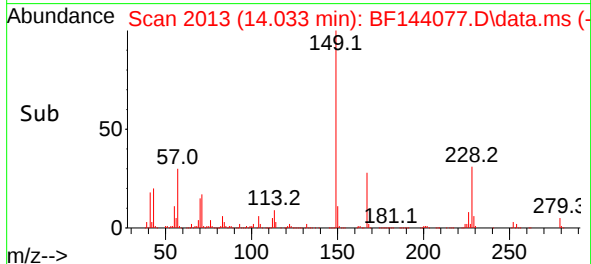
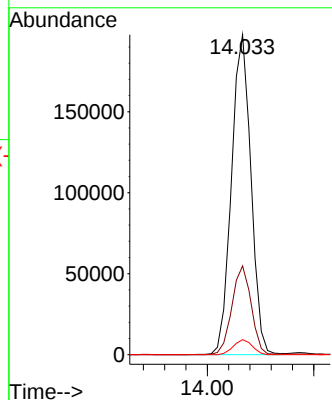
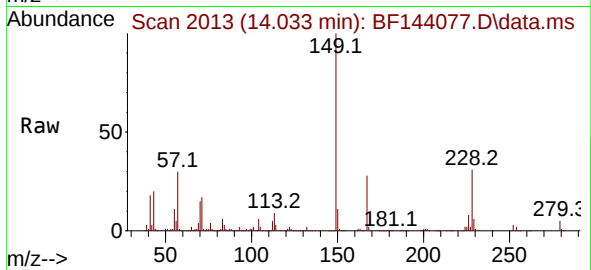




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.400 ng  
 RT: 14.033 min Scan# 2013  
 Delta R.T. 0.000 min  
 Lab File: BF144077.D  
 Acq: 27 Oct 2025 11:56

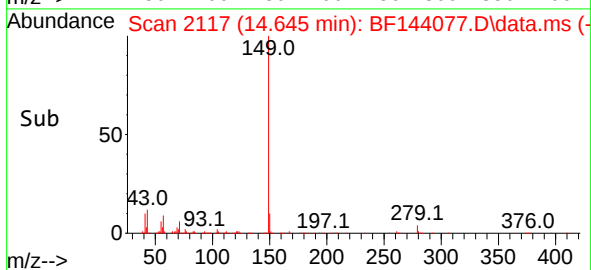
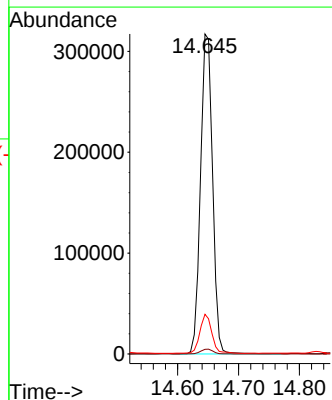
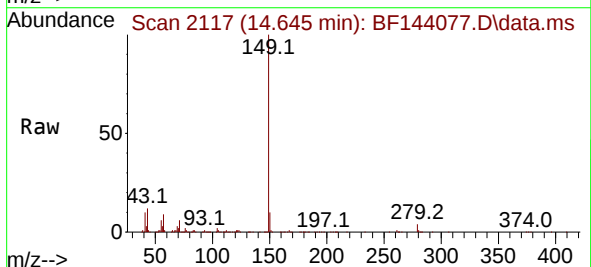
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170210BS

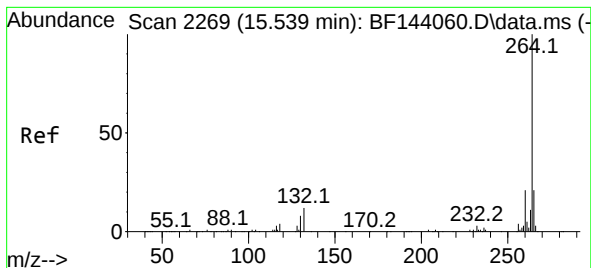
Tgt Ion:149 Resp: 251180  
 Ion Ratio Lower Upper  
 149 100  
 167 27.7 22.5 33.7  
 279 4.7 3.6 5.4



#85  
 Di-n-octyl phthalate  
 Concen: 46.741 ng  
 RT: 14.645 min Scan# 2117  
 Delta R.T. -0.000 min  
 Lab File: BF144077.D  
 Acq: 27 Oct 2025 11:56

Tgt Ion:149 Resp: 435137  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 12.2 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

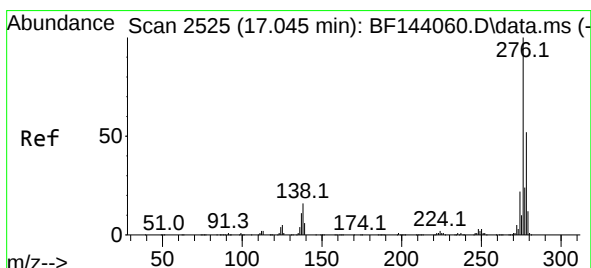
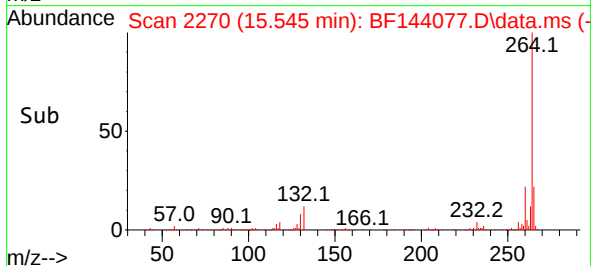
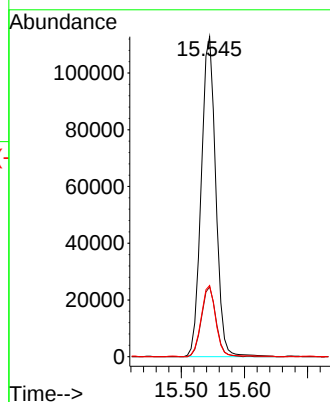
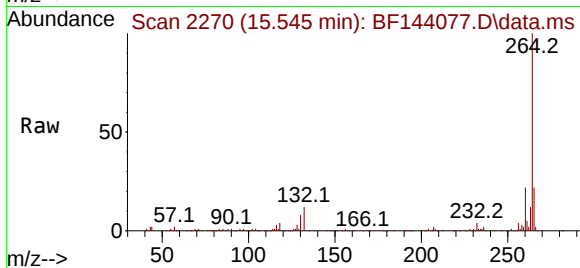
Tgt Ion:264 Resp: 180063

Ion Ratio Lower Upper

264 100

260 21.9 17.0 25.4

265 22.2 16.6 24.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.134 ng

RT: 17.056 min Scan# 2527

Delta R.T. 0.012 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

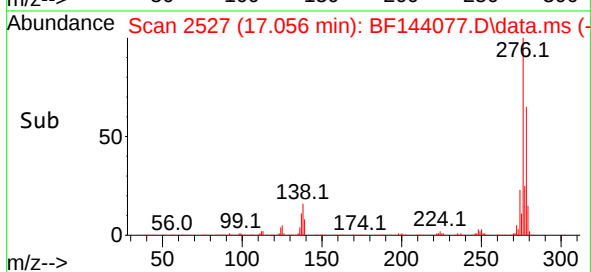
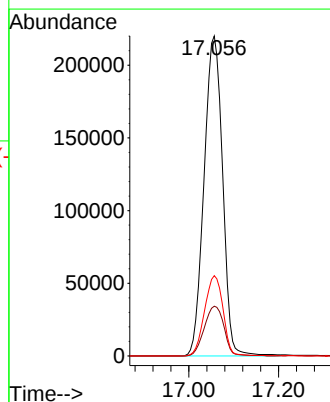
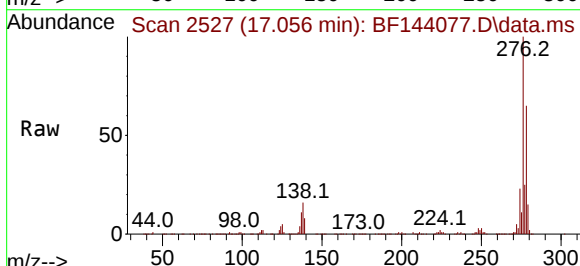
Tgt Ion:276 Resp: 632133

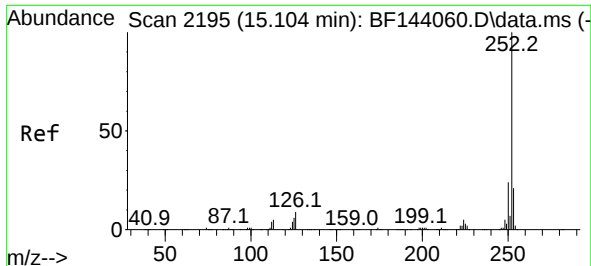
Ion Ratio Lower Upper

276 100

138 16.6 13.0 19.6

277 25.1 19.4 29.0

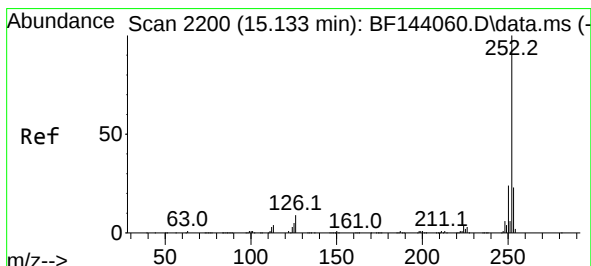
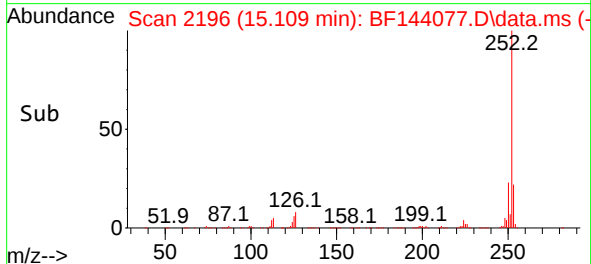
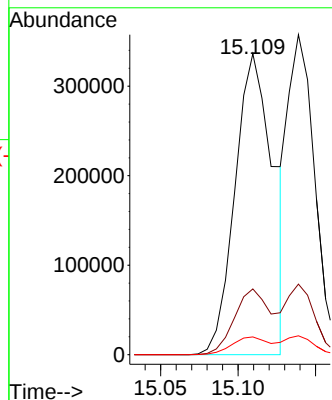
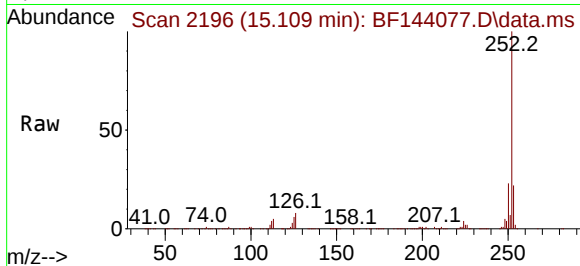




#88  
Benzo(b)fluoranthene  
Concen: 56.579 ng  
RT: 15.109 min Scan# 2195  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

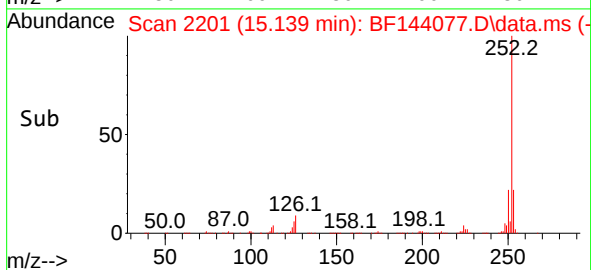
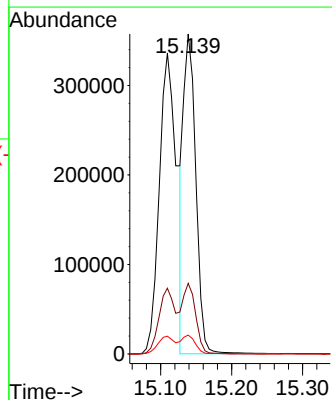
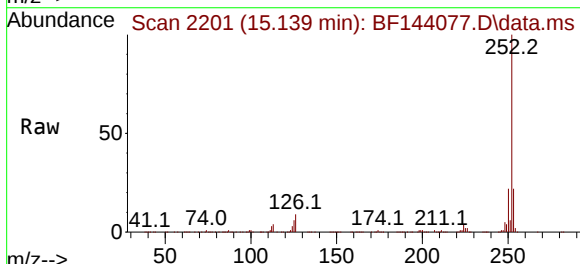
Instrument :  
BNA\_F  
ClientSampleId :  
PB170210BS

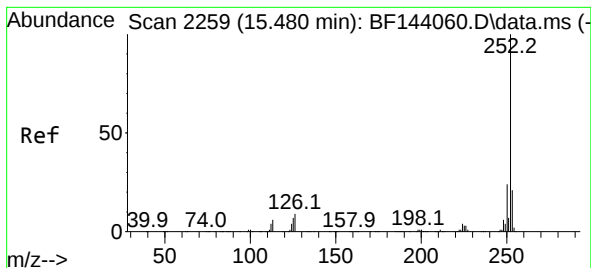
Tgt Ion:252 Resp: 575949  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 5.9 5.0 7.6



#89  
Benzo(k)fluoranthene  
Concen: 46.164 ng  
RT: 15.139 min Scan# 2201  
Delta R.T. 0.006 min  
Lab File: BF144077.D  
Acq: 27 Oct 2025 11:56

Tgt Ion:252 Resp: 433568  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 5.9 4.9 7.3





#90

Benzo(a)pyrene

Concen: 49.843 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS

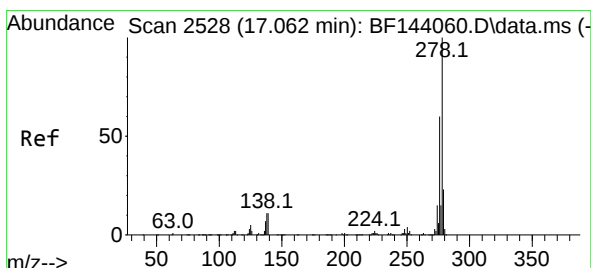
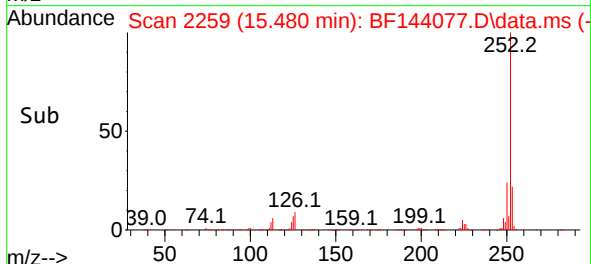
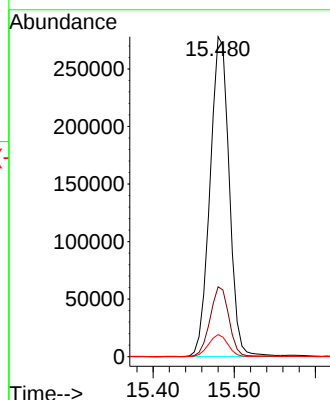
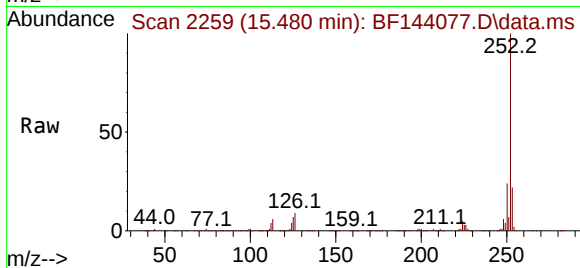
Tgt Ion:252 Resp: 455184

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 6.9 5.4 8.2



#91

Dibenzo(a,h)anthracene

Concen: 53.584 ng

RT: 17.068 min Scan# 2529

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

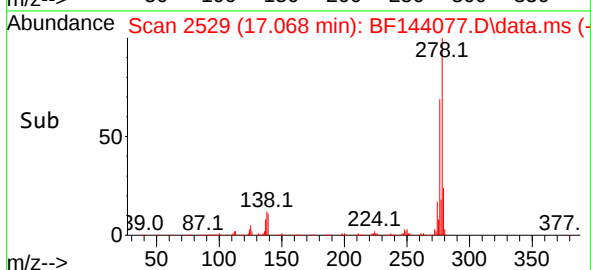
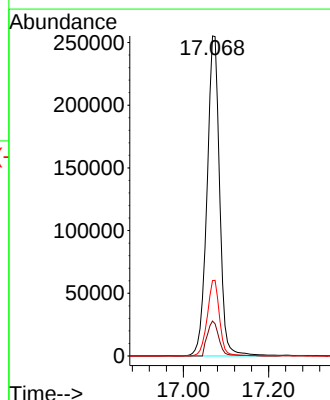
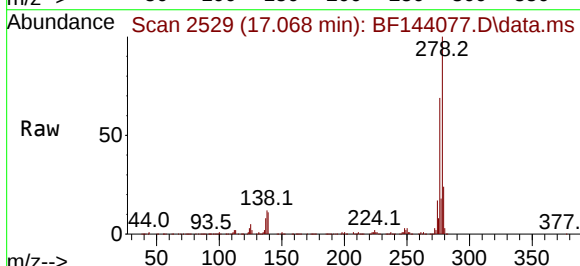
Tgt Ion:278 Resp: 524352

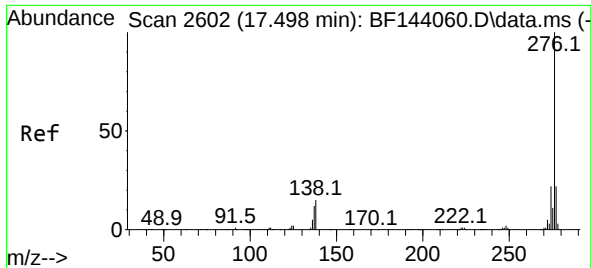
Ion Ratio Lower Upper

278 100

139 10.9 8.5 12.7

279 23.6 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 55.087 ng

RT: 17.515 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF144077.D

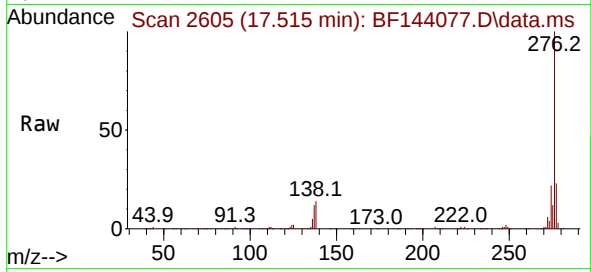
Acq: 27 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

PB170210BS



Tgt Ion:276 Resp: 541975

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 14.5 12.0 18.0

