

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143885.D  
 Acq On : 06 Oct 2025 17:07  
 Operator : RC/JU  
 Sample : PB169953BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169953BS

Quant Time: Oct 06 17:30:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 138065   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 522705   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 295739   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 498077   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 313084   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 313555   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1088495  | 125.196 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 1316153  | 127.002 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 829783   | 96.447  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 423842   | 143.889 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1567898  | 84.123  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1714207  | 93.576  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.752  | 88   | 150049   | 37.295  | ng    | 99       |
| 3) Pyridine                   | 3.510  | 79   | 445868   | 38.068  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.457  | 42   | 284376   | 46.155  | ng    | 96       |
| 6) Aniline                    | 6.545  | 93   | 589833   | 37.982  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 379575   | 44.663  | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 242333   | 30.313  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 546780   | 44.132  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 408357   | 42.668  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 433171   | 42.580  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 440977   | 43.944  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 439315   | 45.706  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 370511   | 47.717  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 967006   | 44.388  | ng    | 99       |
| 17) 2-Methylphenol            | 7.128  | 107  | 313867   | 44.687  | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 147805   | 44.166  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 303088   | 42.727  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 354418   | 43.539  | ng    | # 75     |
| 22) Acetophenone              | 7.292  | 105  | 540309   | 48.887  | ng    | 98       |
| 24) Nitrobenzene              | 7.463  | 77   | 440981   | 46.155  | ng    | 99       |
| 25) Isophorone                | 7.704  | 82   | 816037   | 44.983  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 211073   | 51.529  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 372785   | 50.591  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 517550   | 45.164  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 352022   | 45.864  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 348246   | 46.134  | ng    | 98       |
| 31) Naphthalene               | 8.187  | 128  | 1049781  | 44.150  | ng    | 99       |
| 32) Benzoic acid              | 7.939  | 122  | 270890   | 53.120  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 303862   | 34.074  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 232707   | 44.363  | ng    | 99       |
| 35) Caprolactam               | 8.645  | 113  | 54471    | 22.320  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 332260   | 45.066  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 651592   | 41.139  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 661222   | 43.039  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 375042   | 45.883  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 407831   | 120.269 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 267031   | 44.712  | ng    | 97       |

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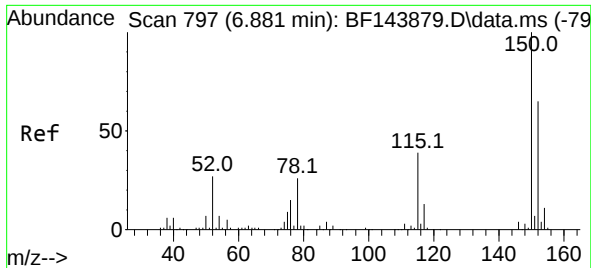
Quant Time: Oct 06 17:30:42 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.192  | 196  | 274230   | 43.451 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.345  | 154  | 914739   | 46.717 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.369  | 162  | 699586   | 42.852 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.463  | 65   | 242193   | 46.924 | ng    | 98       |
| 49) Acenaphthylene             | 9.786  | 152  | 1106824  | 48.225 | ng    | 100      |
| 50) Dimethylphthalate          | 9.645  | 163  | 829296   | 44.157 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.710  | 165  | 178155   | 51.157 | ng    | 97       |
| 52) Acenaphthene               | 9.957  | 154  | 689742   | 45.864 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.875  | 138  | 160994   | 37.755 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.981  | 184  | 180135   | 83.522 | ng    | 97       |
| 55) Dibenzofuran               | 10.133 | 168  | 909673   | 42.850 | ng    | 100      |
| 56) 4-Nitrophenol              | 10.033 | 139  | 297735   | 92.216 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.110 | 165  | 241007   | 50.862 | ng    | 96       |
| 58) Fluorene                   | 10.475 | 166  | 693425   | 43.288 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.245 | 232  | 204087   | 45.681 | ng    | 98       |
| 60) Diethylphthalate           | 10.351 | 149  | 769993   | 44.132 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.469 | 204  | 357762   | 42.243 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.492 | 138  | 190797   | 46.530 | ng    | 98       |
| 63) Azobenzene                 | 10.628 | 77   | 821005   | 45.024 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph...  | 10.522 | 198  | 123750   | 49.441 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.586 | 169  | 706524   | 45.177 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.957 | 248  | 243510   | 44.238 | ng    | 97       |
| 68) Hexachlorobenzene          | 11.022 | 284  | 285555   | 44.810 | ng    | 99       |
| 69) Atrazine                   | 11.116 | 200  | 228736   | 48.255 | ng    | 99       |
| 70) Pentachlorophenol          | 11.216 | 266  | 318924   | 87.138 | ng    | 98       |
| 71) Phenanthrene               | 11.439 | 178  | 1065408  | 44.122 | ng    | 99       |
| 72) Anthracene                 | 11.492 | 178  | 1089814  | 44.675 | ng    | 100      |
| 73) Carbazole                  | 11.645 | 167  | 981566   | 45.432 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.975 | 149  | 1177984  | 47.045 | ng    | 99       |
| 75) Fluoranthene               | 12.633 | 202  | 1137528  | 45.607 | ng    | 98       |
| 77) Benzidine                  | 12.751 | 184  | 545801   | 50.207 | ng    | 98       |
| 78) Pyrene                     | 12.863 | 202  | 1160821  | 44.473 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.480 | 149  | 420214   | 49.572 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.051 | 228  | 902828   | 44.065 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.016 | 252  | 216473   | 34.670 | ng    | 98       |
| 83) Chrysene                   | 14.092 | 228  | 867498   | 45.748 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 14.039 | 149  | 507223   | 49.638 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.657 | 149  | 804918   | 47.960 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 17.039 | 276  | 826525   | 43.019 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.110 | 252  | 803754   | 44.624 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.139 | 252  | 769528   | 46.172 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.480 | 252  | 737762   | 47.239 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.057 | 278  | 678186   | 43.889 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.492 | 276  | 690608   | 44.693 | ng    | 98       |

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

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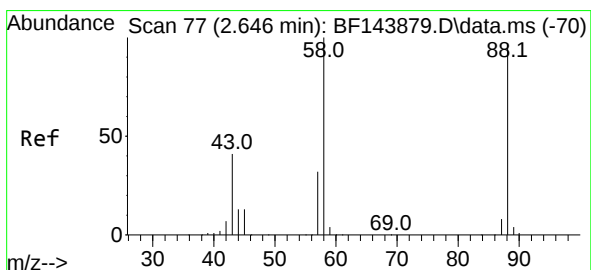
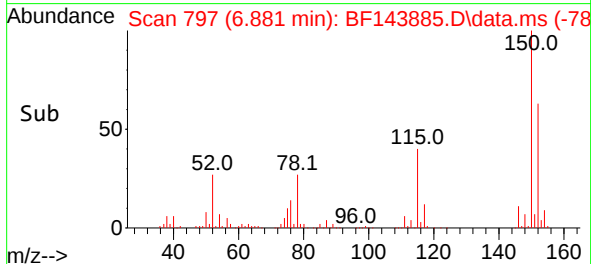
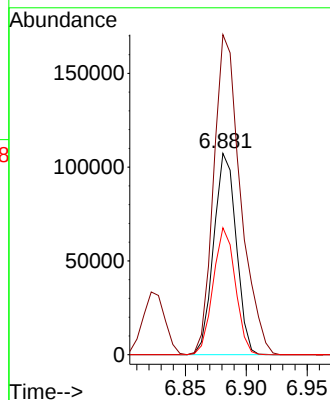
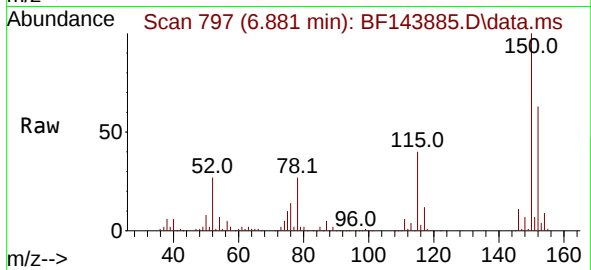




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF143885.D  
 Acq: 06 Oct 2025 17:07

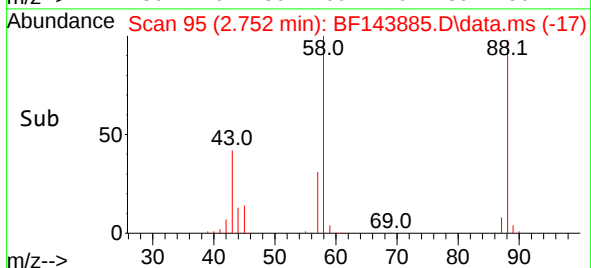
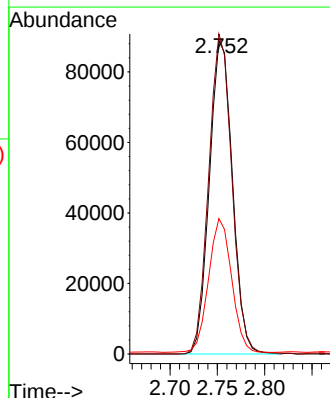
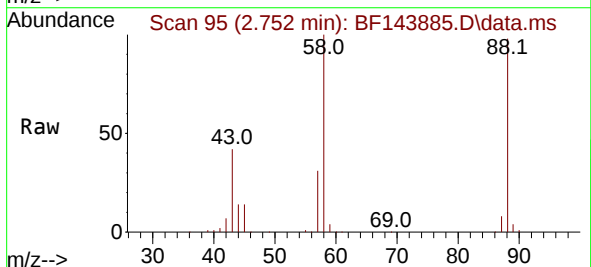
Instrument :  
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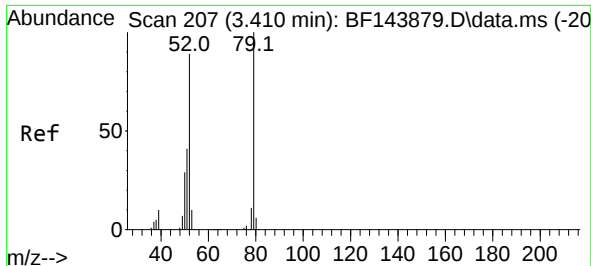
Tgt Ion:152 Resp: 138065  
 Ion Ratio Lower Upper  
 152 100  
 150 159.0 124.4 186.6  
 115 63.0 48.1 72.1



#2  
 1,4-Dioxane  
 Concen: 37.295 ng  
 RT: 2.752 min Scan# 95  
 Delta R.T. 0.106 min  
 Lab File: BF143885.D  
 Acq: 06 Oct 2025 17:07

Tgt Ion: 88 Resp: 150049  
 Ion Ratio Lower Upper  
 88 100  
 58 102.9 83.0 124.6  
 43 42.7 33.9 50.9





#3

Pyridine

Concen: 38.068 ng

RT: 3.510 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

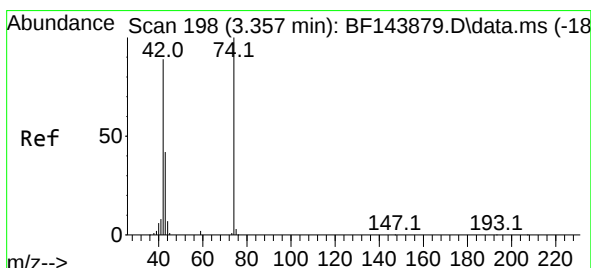
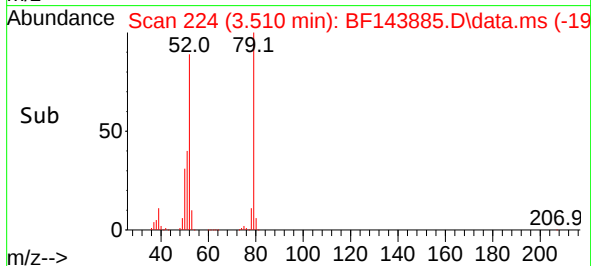
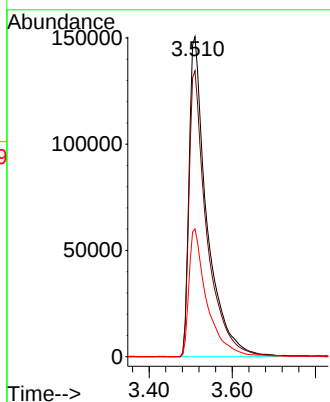
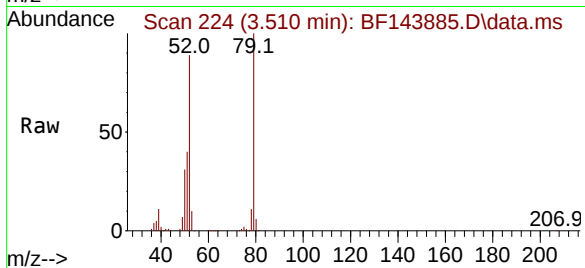
Tgt Ion: 79 Resp: 445868

Ion Ratio Lower Upper

79 100

52 89.4 71.5 107.3

51 39.9 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 46.155 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.071 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

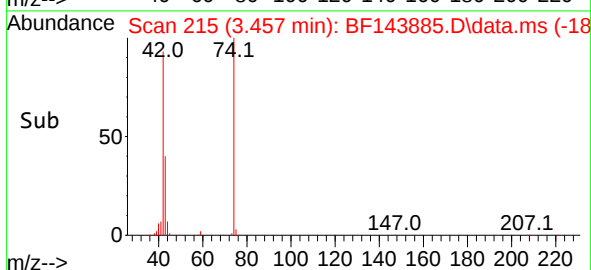
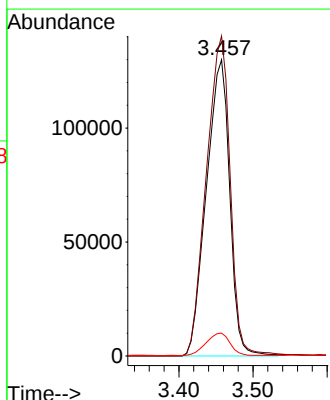
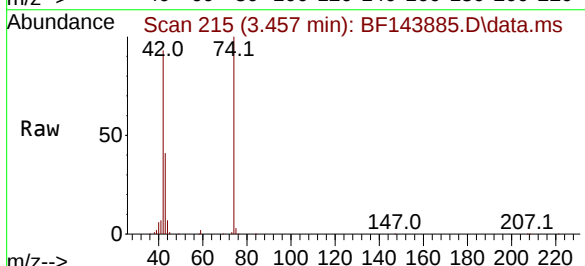
Tgt Ion: 42 Resp: 284376

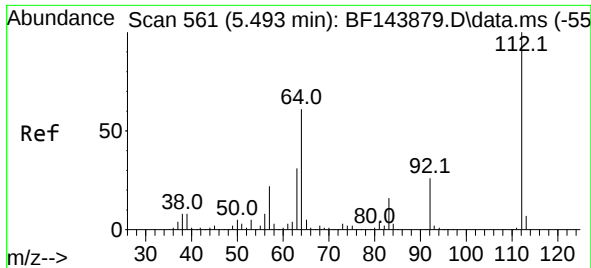
Ion Ratio Lower Upper

42 100

74 108.1 90.0 135.0

44 7.7 6.2 9.2

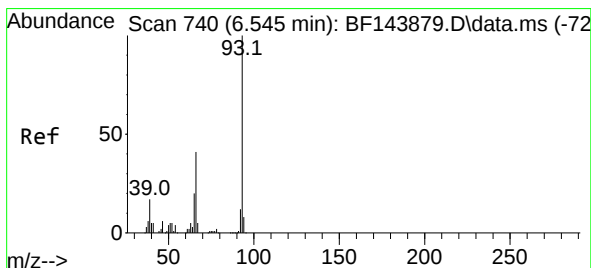
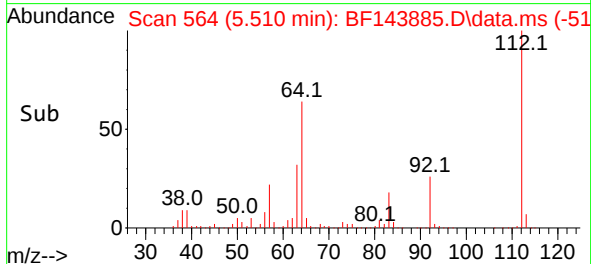
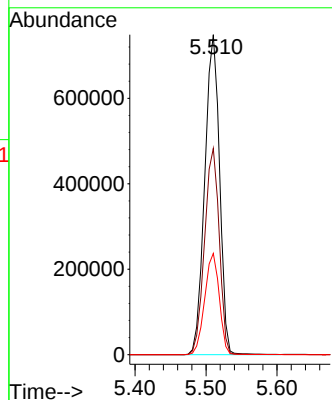
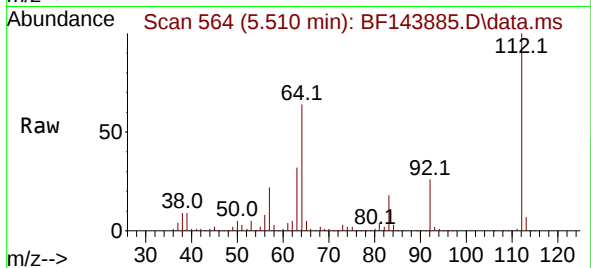




#5  
2-Fluorophenol  
Concen: 125.196 ng  
RT: 5.510 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

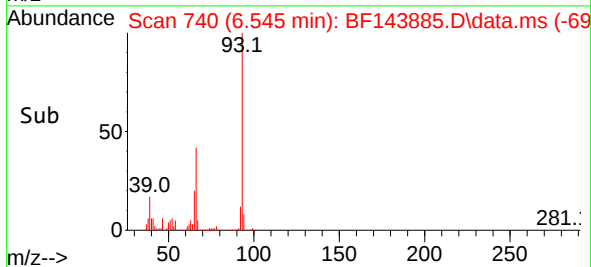
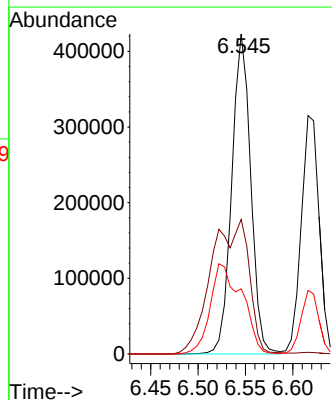
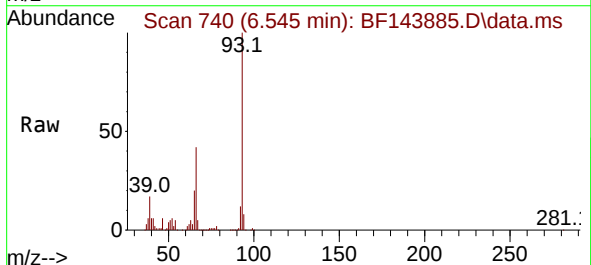
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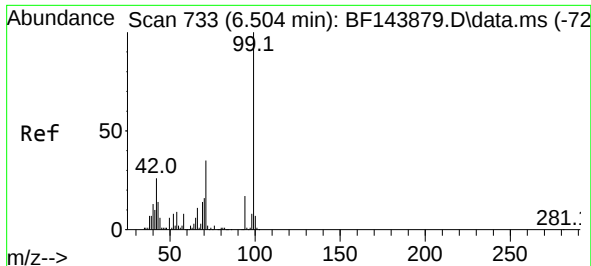
Tgt Ion:112 Resp: 1088495  
Ion Ratio Lower Upper  
112 100  
64 64.5 49.1 73.7  
63 31.6 24.5 36.7



#6  
Aniline  
Concen: 37.982 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion: 93 Resp: 589833  
Ion Ratio Lower Upper  
93 100  
66 42.0 33.0 49.6  
65 20.4 15.8 23.8





#7

Phenol-d6

Concen: 127.002 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

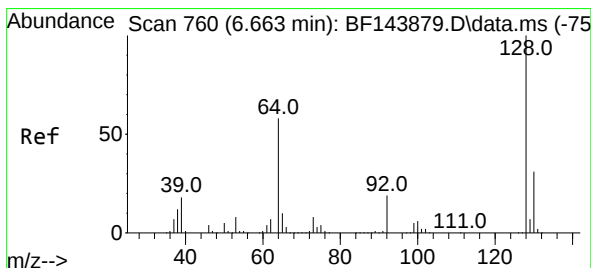
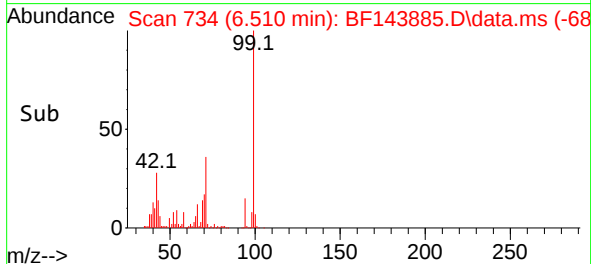
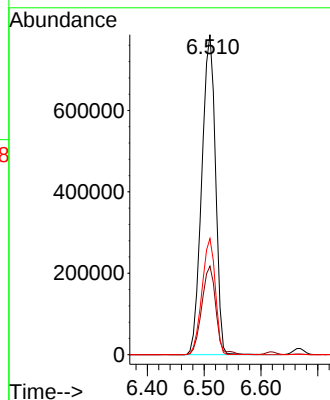
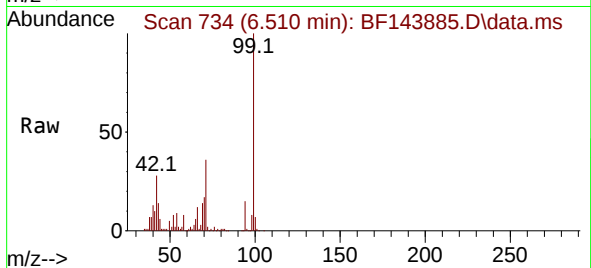
BNA\_F

ClientSampleId :

PB169953BS

Tgt Ion: 99 Resp: 1316153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 27.6  | 21.0  | 31.4  |
| 71  | 36.3  | 27.8  | 41.8  |



#8

2-Chlorophenol

Concen: 44.663 ng

RT: 6.669 min Scan# 761

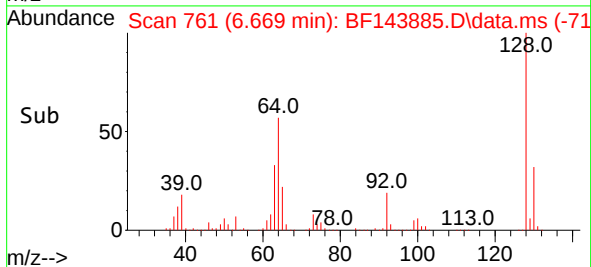
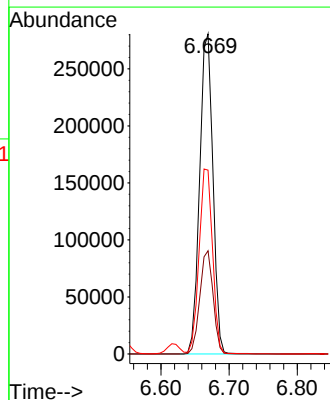
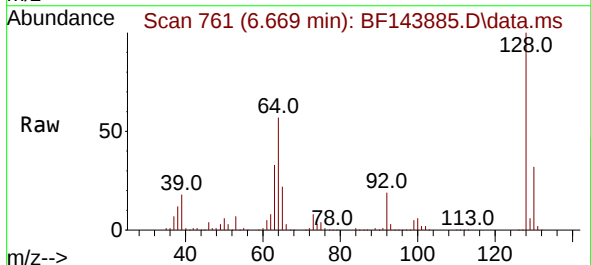
Delta R.T. 0.000 min

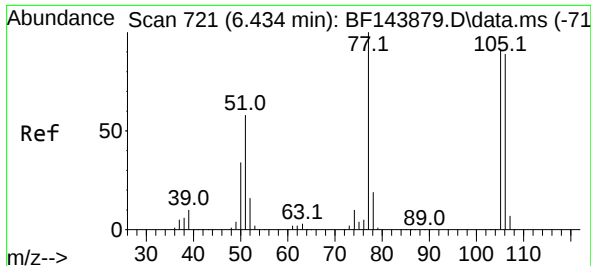
Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Tgt Ion:128 Resp: 379575

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.3  | 10.7  | 50.7  |
| 64  | 57.5  | 39.0  | 79.0  |



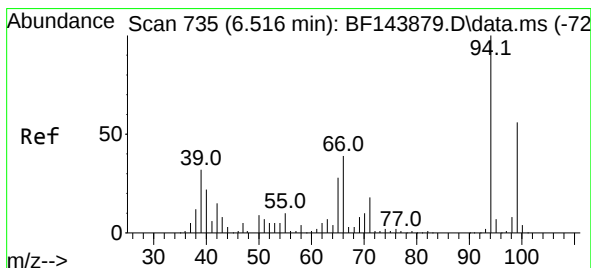
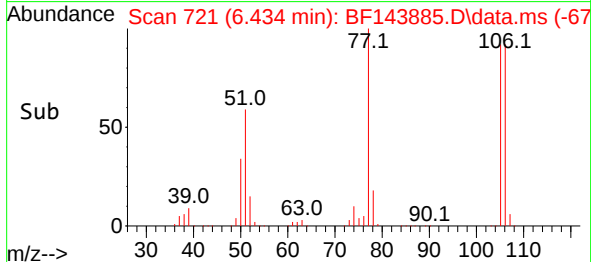
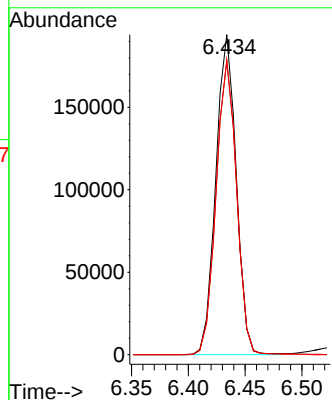
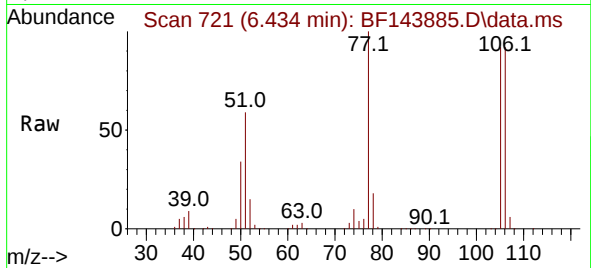


#9  
Benzaldehyde  
Concen: 30.313 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

Tgt Ion: 77 Resp: 242333

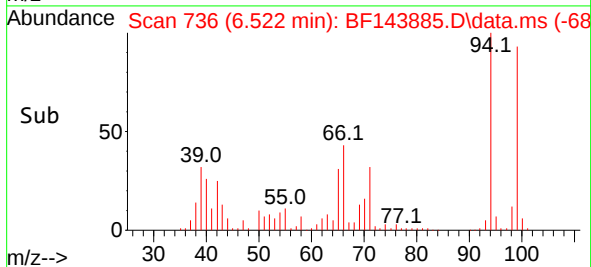
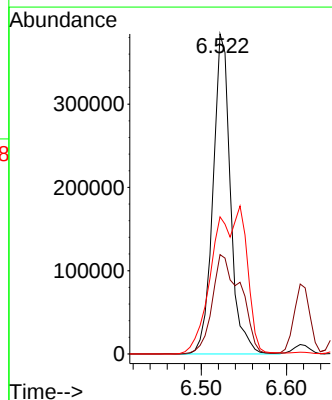
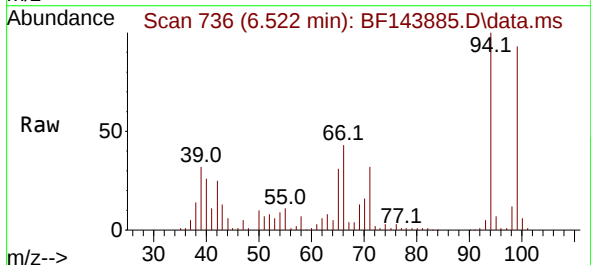
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 91.7  | 70.9  | 110.9 |
| 106 | 92.2  | 68.9  | 108.9 |

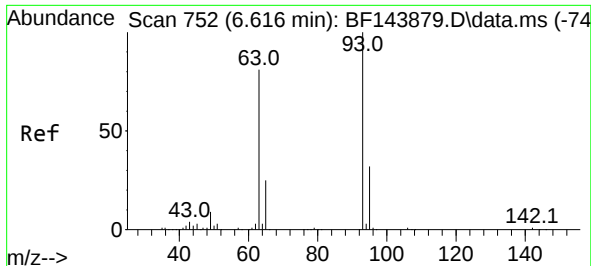


#10  
Phenol  
Concen: 44.132 ng  
RT: 6.522 min Scan# 736  
Delta R.T. -0.012 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion: 94 Resp: 546780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 31.0  | 8.5   | 48.5  |
| 66  | 42.9  | 19.9  | 59.9  |

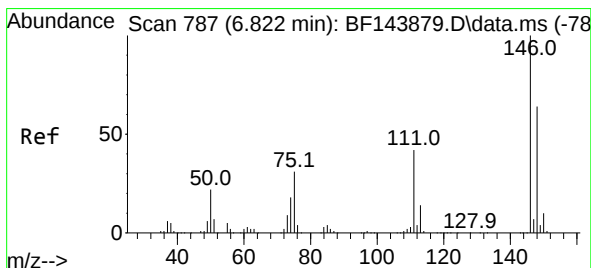
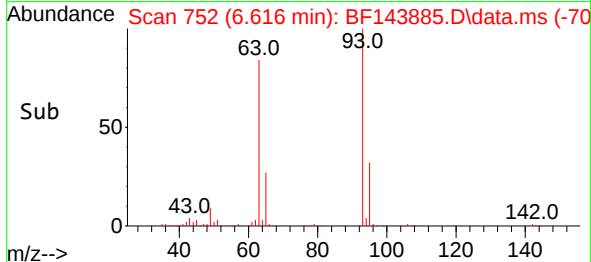
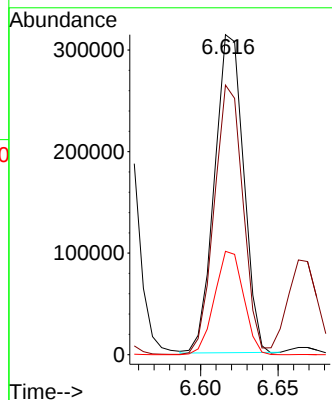
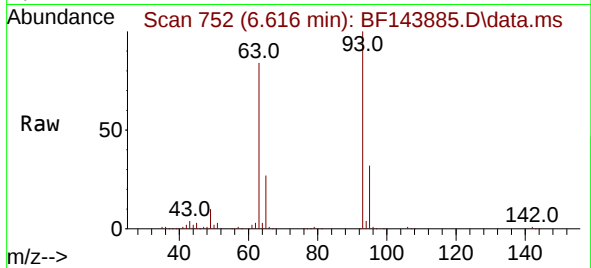




#11  
bis(2-Chloroethyl)ether  
Concen: 42.668 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

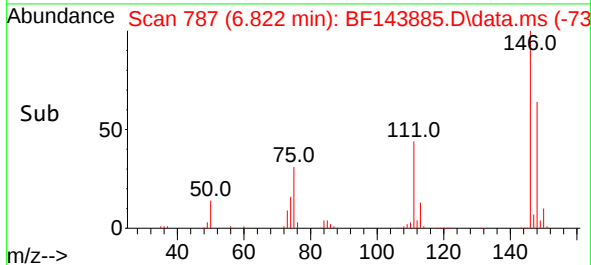
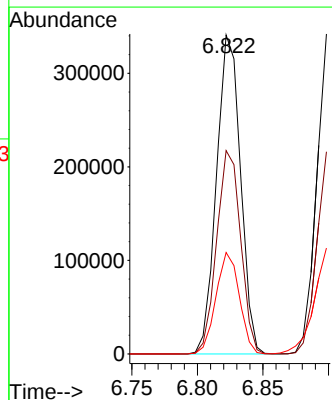
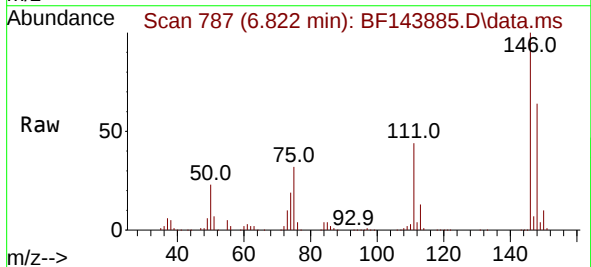
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

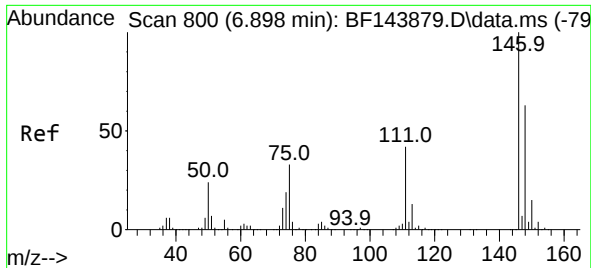
Tgt Ion: 93 Resp: 408357  
Ion Ratio Lower Upper  
93 100  
63 84.3 60.9 100.9  
95 32.3 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 42.580 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:146 Resp: 433171  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.4  
75 31.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 43.944 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

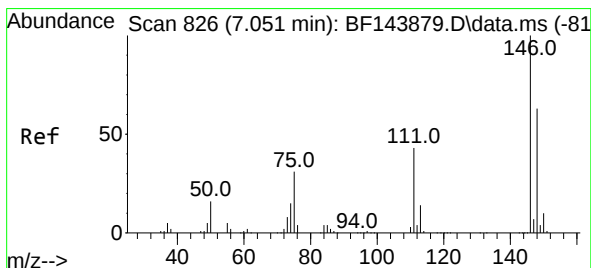
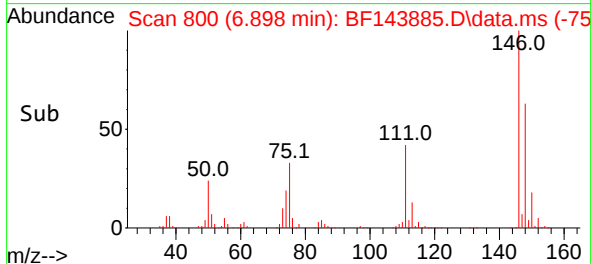
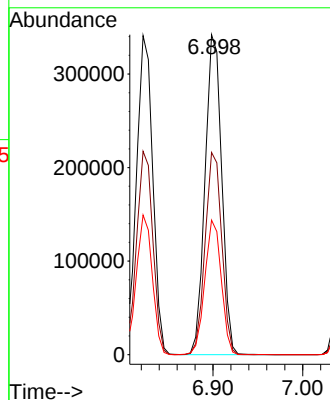
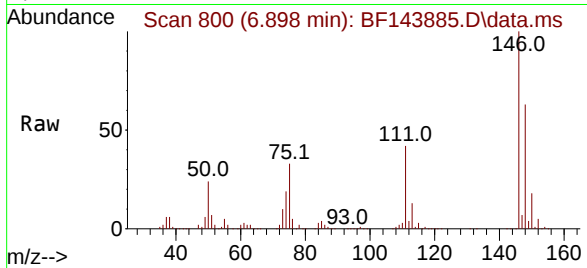
Tgt Ion:146 Resp: 440977

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

111 42.1 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 45.706 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

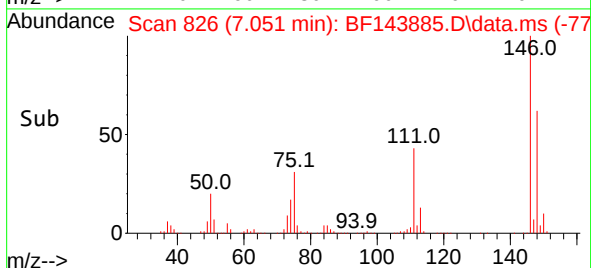
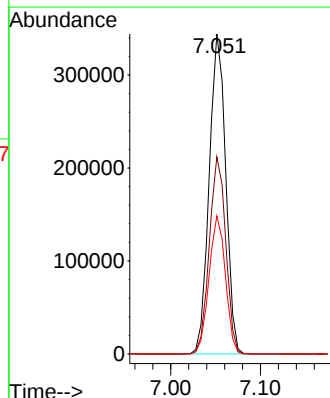
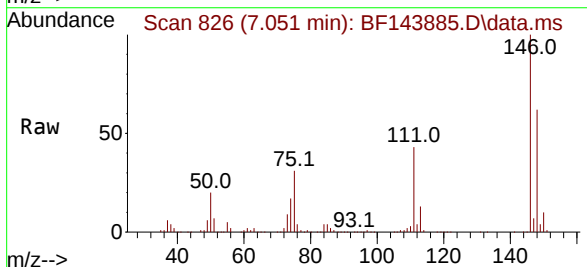
Tgt Ion:146 Resp: 439315

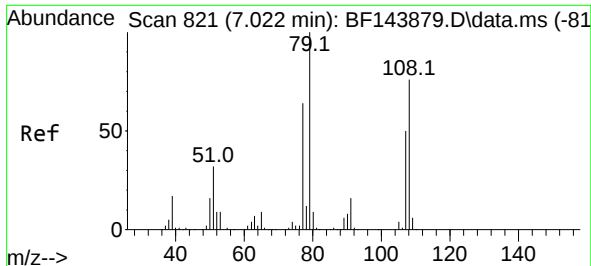
Ion Ratio Lower Upper

146 100

148 61.6 50.6 75.8

111 43.1 34.6 51.8

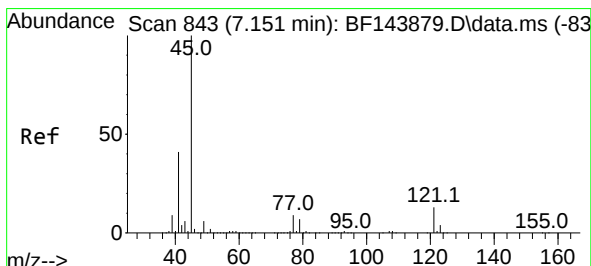
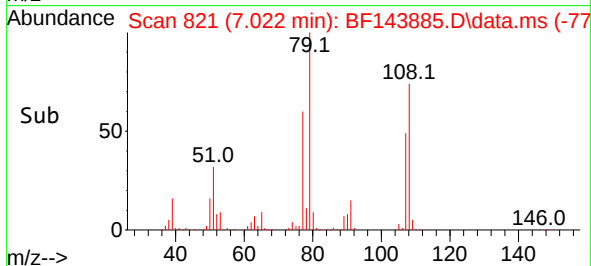
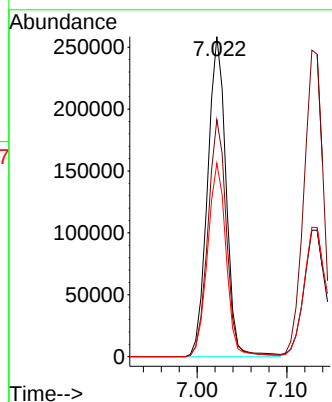
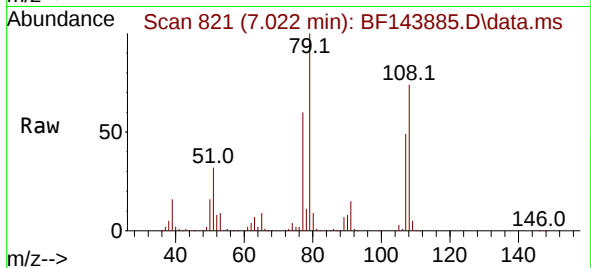




#15  
Benzyl Alcohol  
Concen: 47.717 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

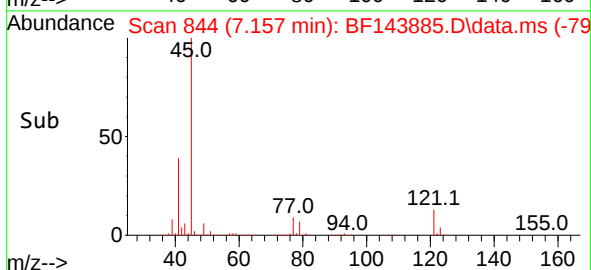
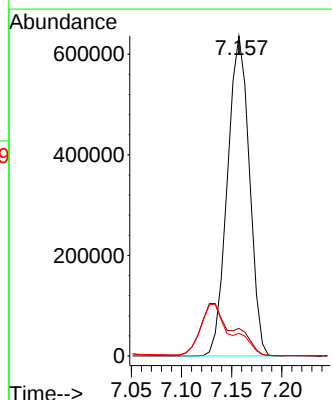
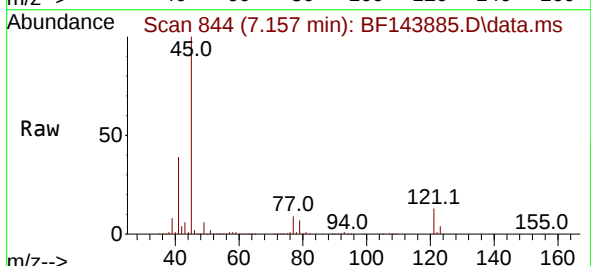
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

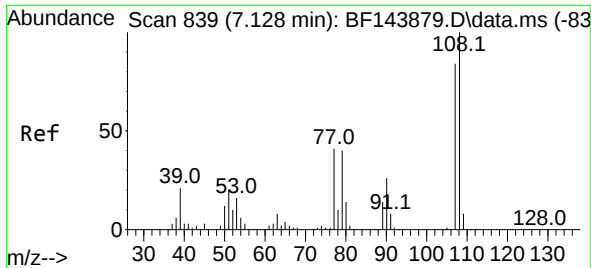
Tgt Ion: 79 Resp: 370511  
Ion Ratio Lower Upper  
79 100  
108 74.1 60.8 91.2  
77 60.5 51.0 76.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.388 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion: 45 Resp: 967006  
Ion Ratio Lower Upper  
45 100  
77 8.6 0.0 29.0  
79 7.0 0.0 26.8

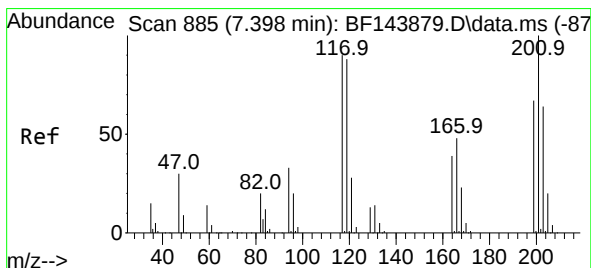
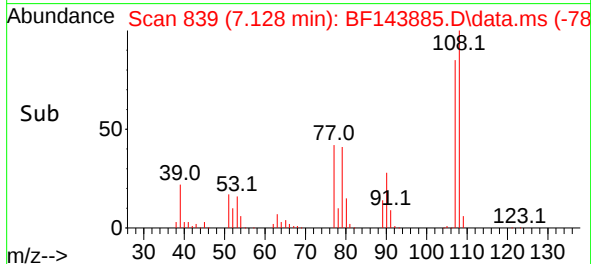
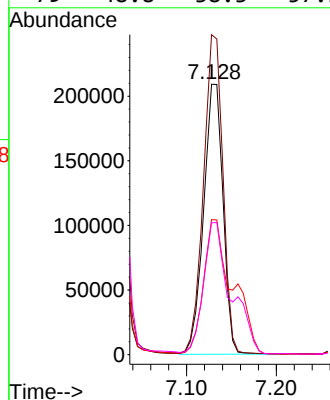
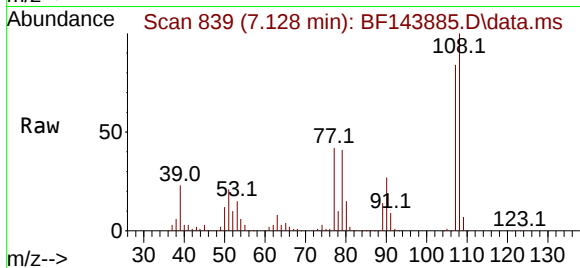




#17  
2-Methylphenol  
Concen: 44.687 ng  
RT: 7.128 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

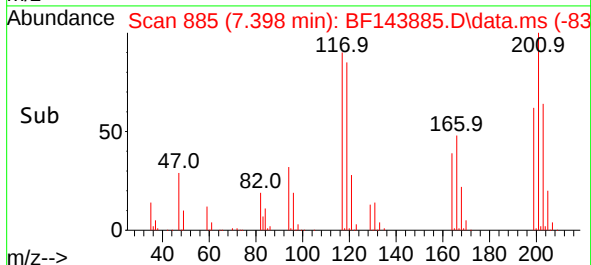
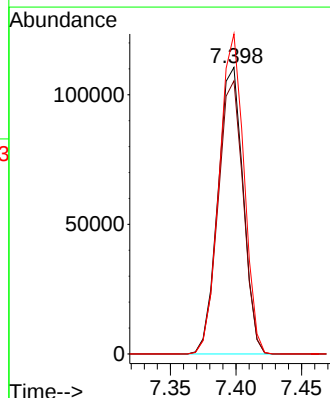
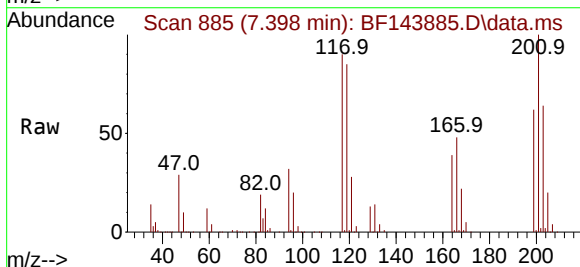
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

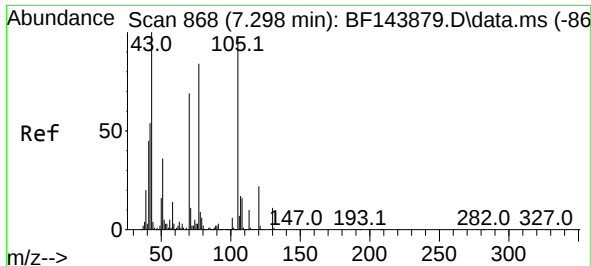
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 313867 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 118.4 | 94.7  | 142.1  |
| 77       | 50.0  | 38.8  | 58.2   |
| 79       | 48.8  | 38.3  | 57.5   |



#18  
Hexachloroethane  
Concen: 44.166 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 147805 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.3  | 77.8  | 116.8  |
| 201      | 111.7 | 88.5  | 132.7  |



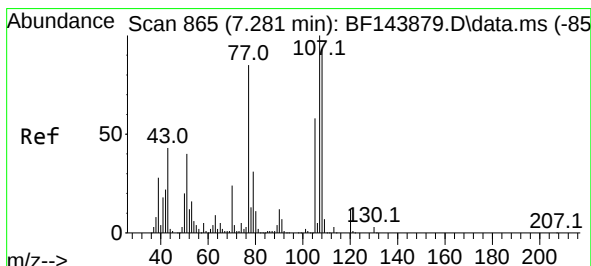
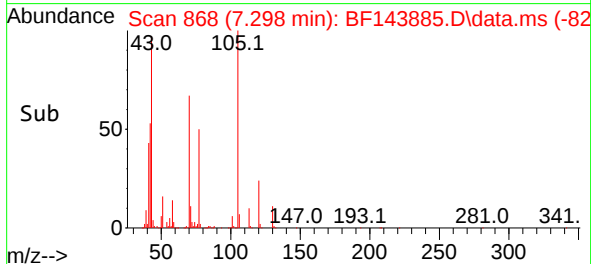
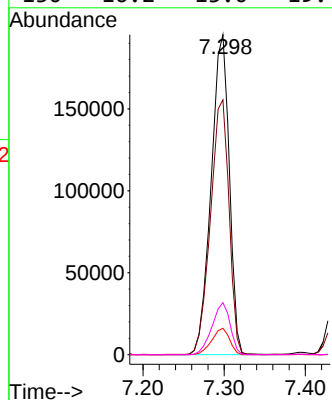
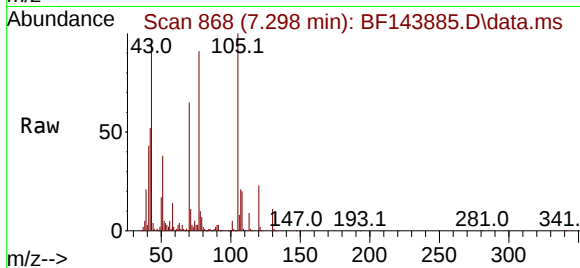


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.727 ng  
RT: 7.298 min Scan# 80  
Delta R.T. -0.017 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

Tgt Ion: 70 Resp: 303088

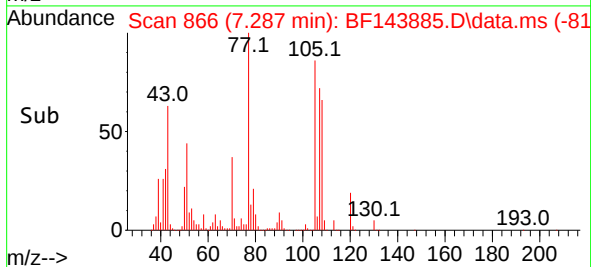
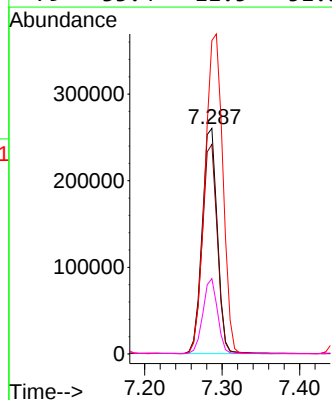
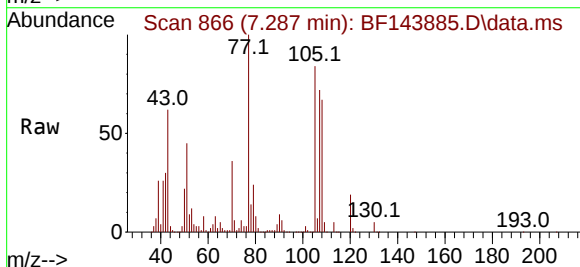
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 79.6  | 62.8  | 94.2  |
| 101 | 8.3   | 6.7   | 10.1  |
| 130 | 16.2  | 13.0  | 19.4  |

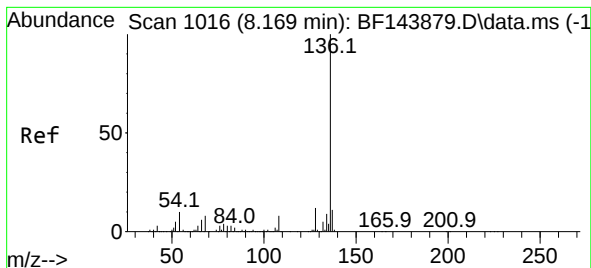


#20  
3+4-Methylphenols  
Concen: 43.539 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.012 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion: 107 Resp: 354418

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 93.0  | 73.0  | 113.0  |
| 77  | 139.0 | 64.6  | 104.6# |
| 79  | 33.4  | 11.5  | 51.5   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

Tgt Ion:136 Resp: 522705

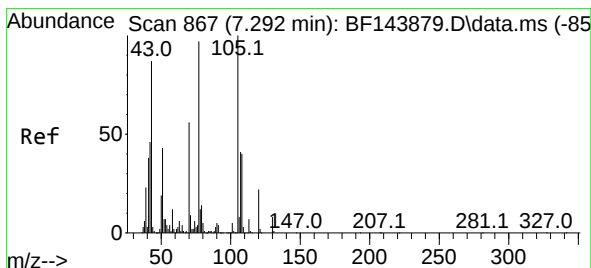
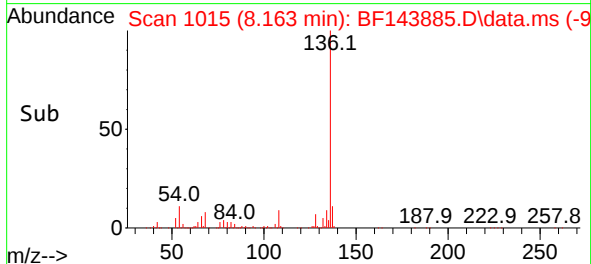
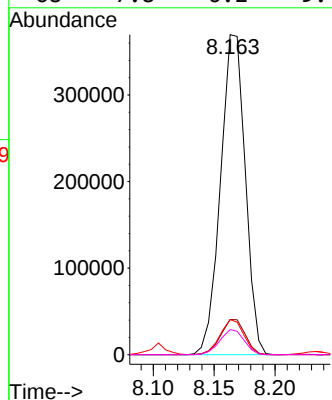
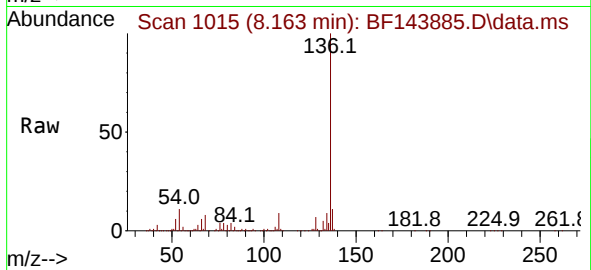
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.0 8.2 12.4

68 7.8 6.2 9.4



#22

Acetophenone

Concen: 48.887 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Tgt Ion:105 Resp: 540309

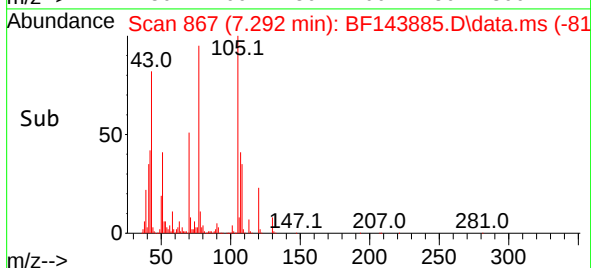
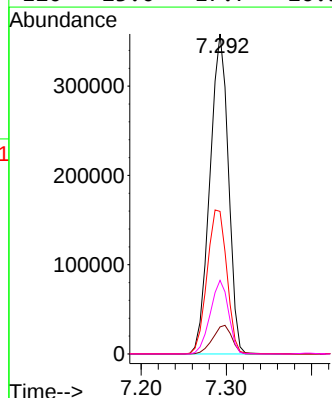
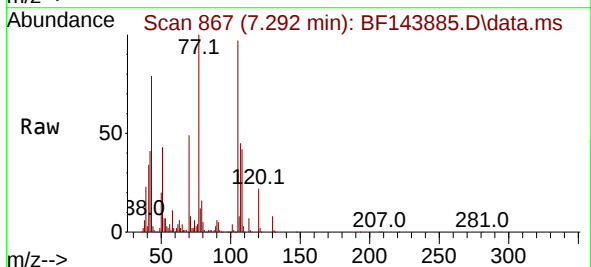
Ion Ratio Lower Upper

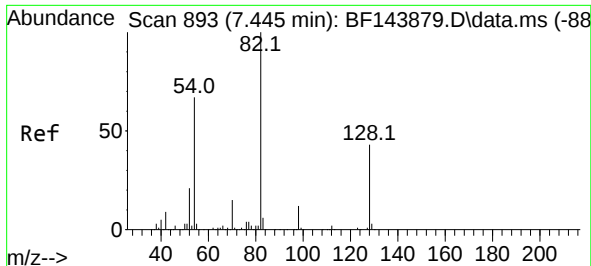
105 100

71 8.4 7.4 11.0

51 44.5 34.2 51.4

120 23.0 17.7 26.5





#23

Nitrobenzene-d5

Concen: 96.447 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

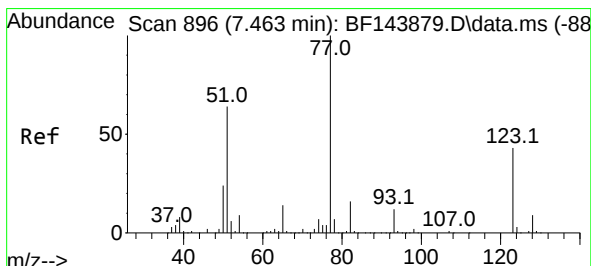
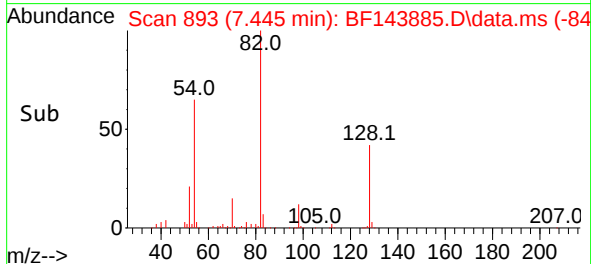
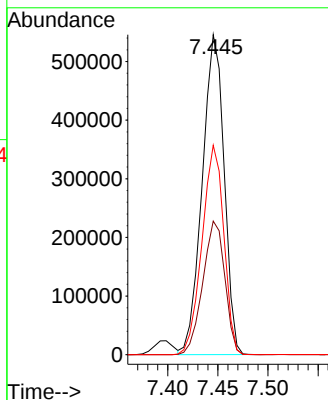
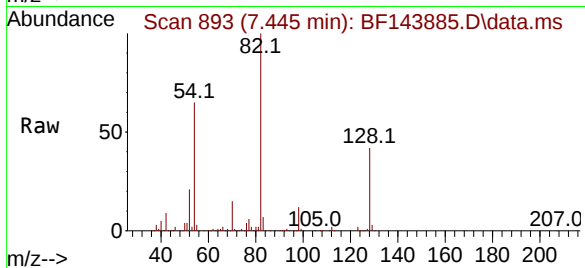
Tgt Ion: 82 Resp: 829783

Ion Ratio Lower Upper

82 100

128 41.8 34.0 51.0

54 65.5 53.2 79.8



#24

Nitrobenzene

Concen: 46.155 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

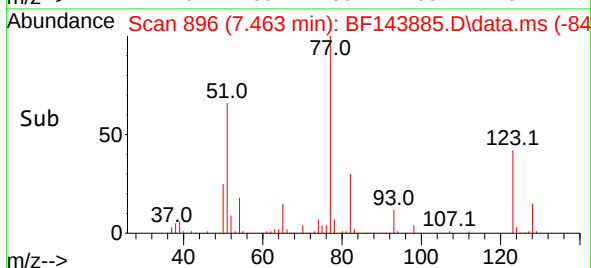
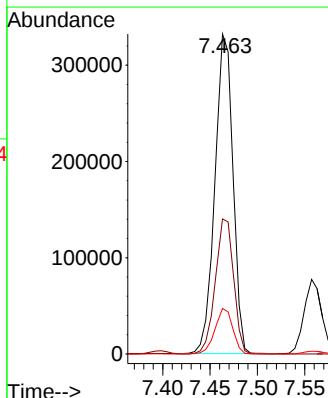
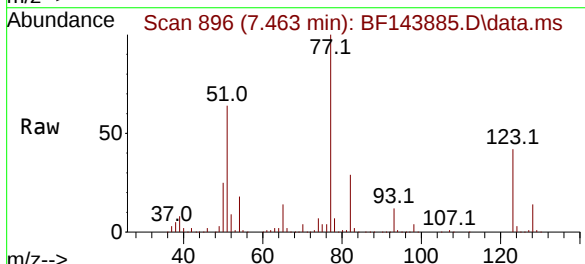
Tgt Ion: 77 Resp: 440981

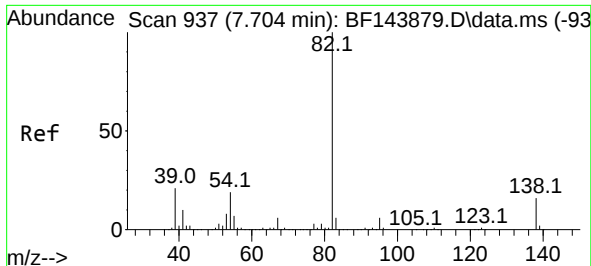
Ion Ratio Lower Upper

77 100

123 42.2 34.2 51.4

65 14.2 11.0 16.6

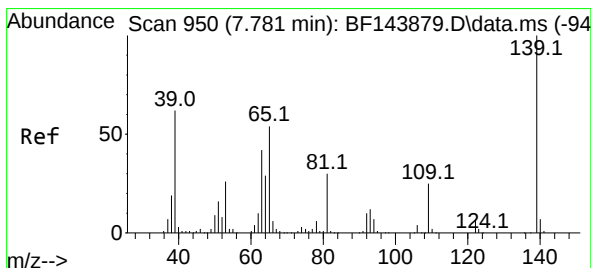
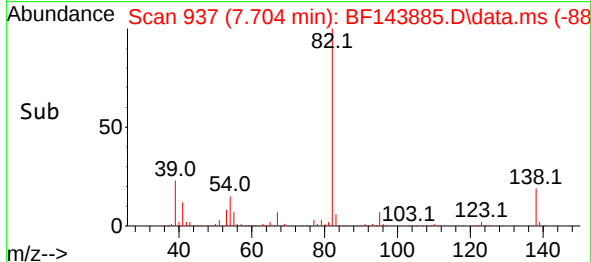
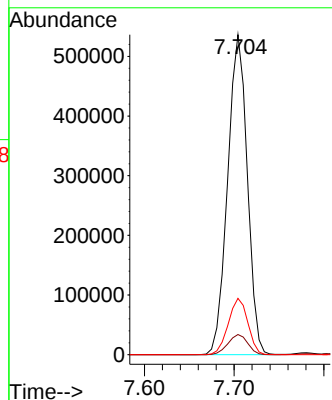
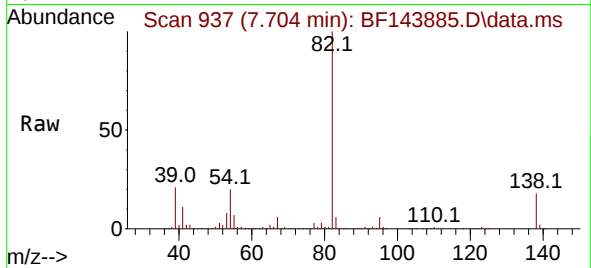




#25  
Isophorone  
Concen: 44.983 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

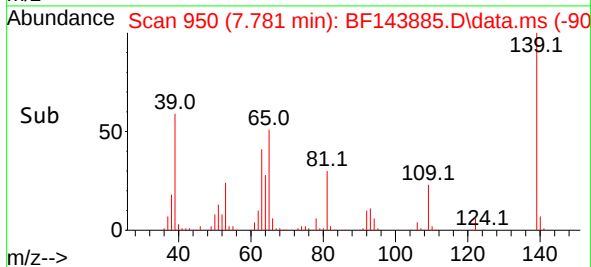
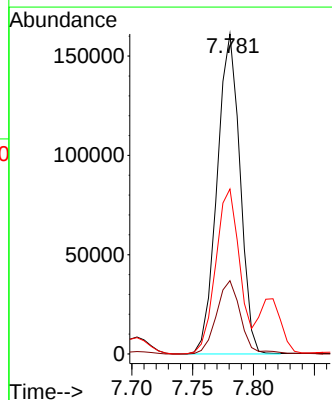
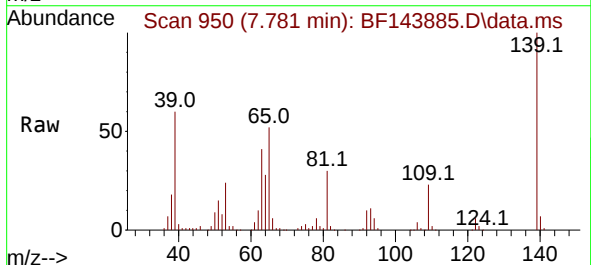
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

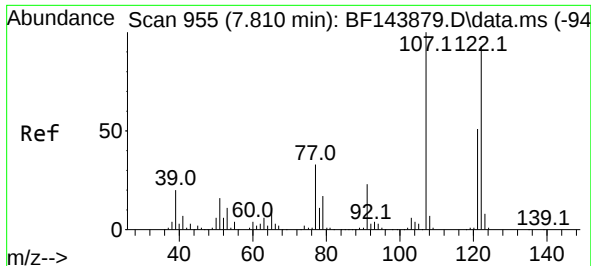
Tgt Ion: 82 Resp: 816037  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.1 7.7  
138 17.6 12.9 19.3



#26  
2-Nitrophenol  
Concen: 51.529 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:139 Resp: 211073  
Ion Ratio Lower Upper  
139 100  
109 22.9 19.8 29.6  
65 51.5 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 50.591 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

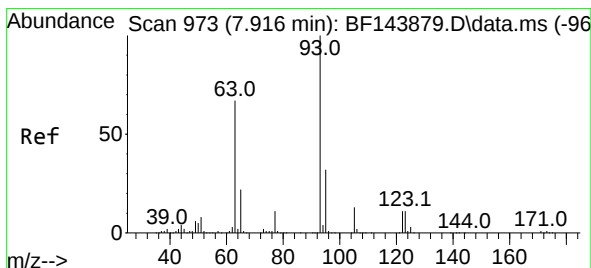
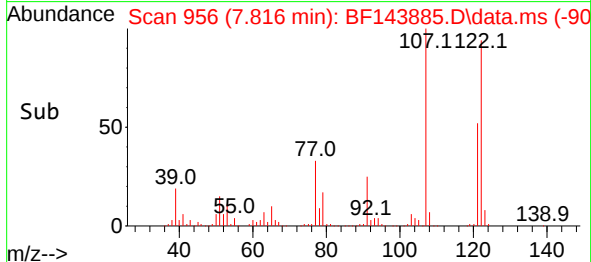
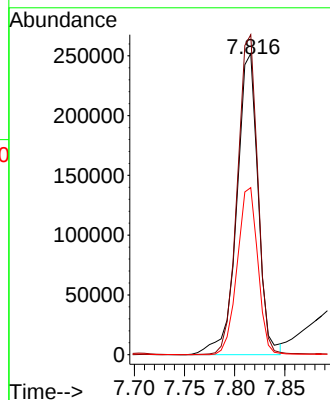
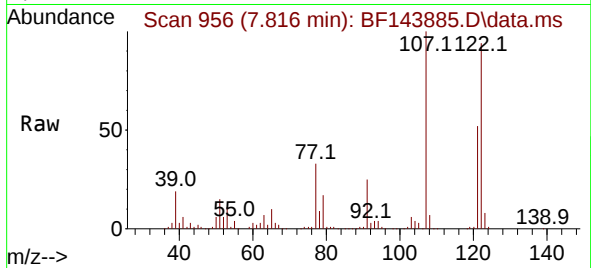
Tgt Ion:122 Resp: 372785

Ion Ratio Lower Upper

122 100

107 106.2 86.1 129.1

121 55.5 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.164 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

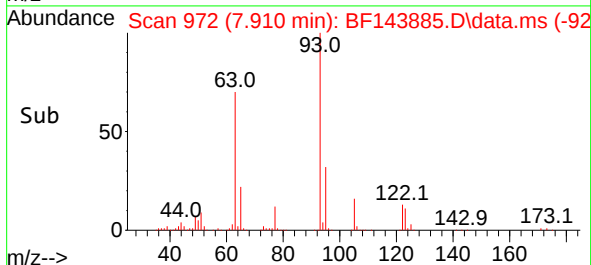
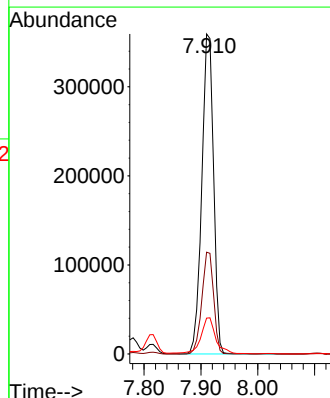
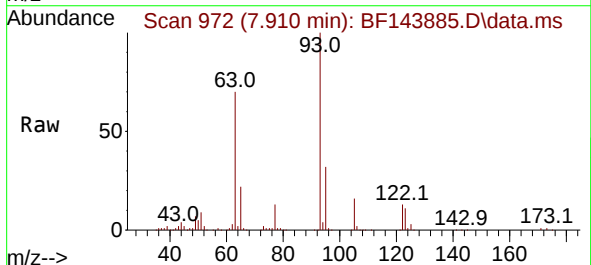
Tgt Ion: 93 Resp: 517550

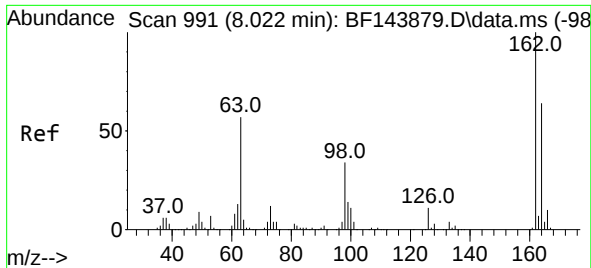
Ion Ratio Lower Upper

93 100

95 31.8 25.9 38.9

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.864 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

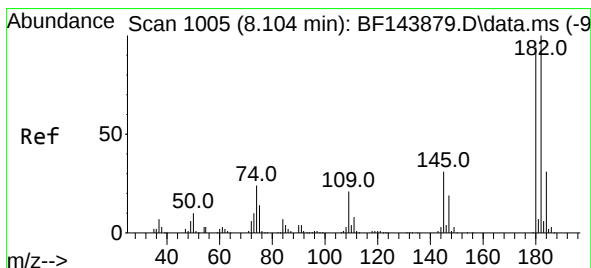
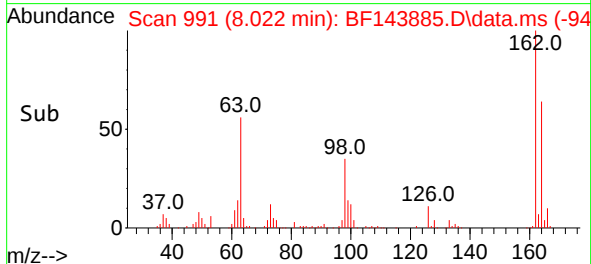
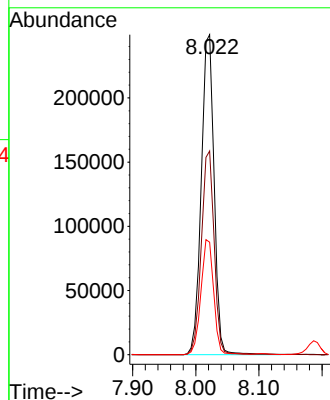
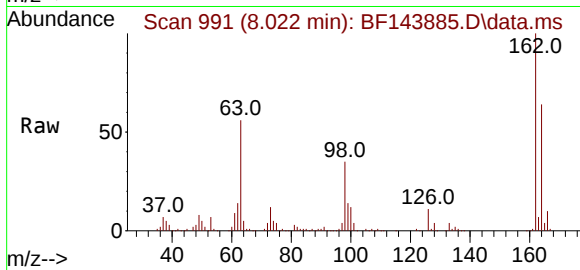
Tgt Ion:162 Resp: 352022

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

98 35.1 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.134 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

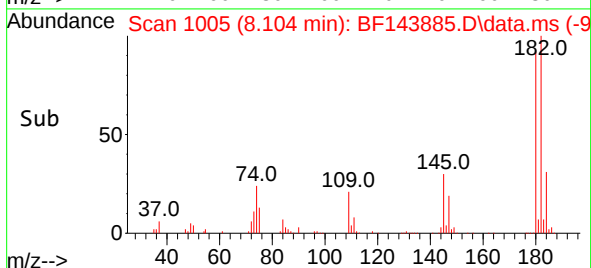
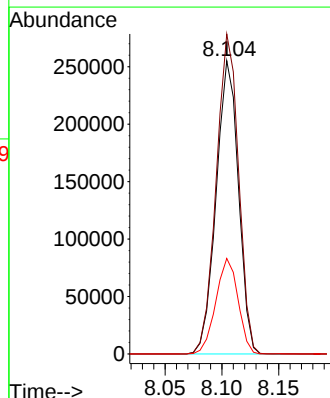
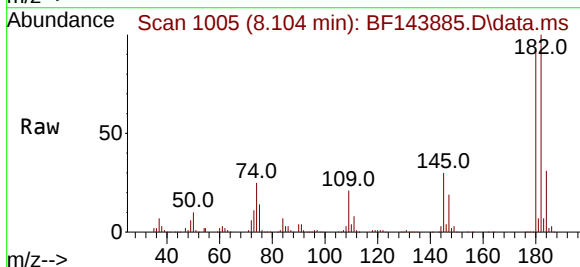
Tgt Ion:180 Resp: 348246

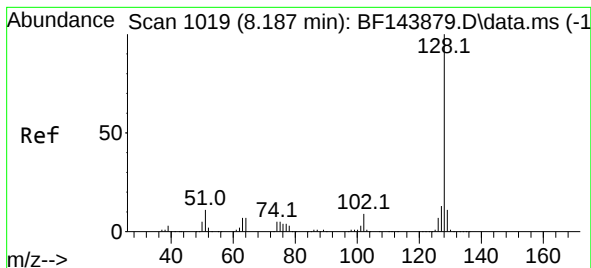
Ion Ratio Lower Upper

180 100

182 109.1 85.4 128.0

145 32.6 26.3 39.5





#31

Naphthalene

Concen: 44.150 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

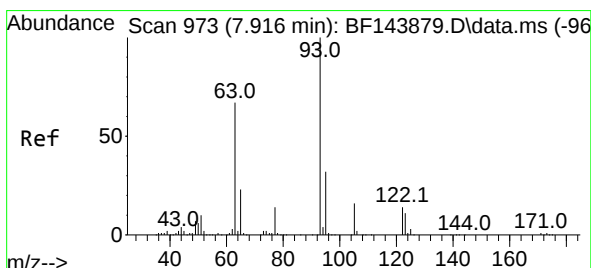
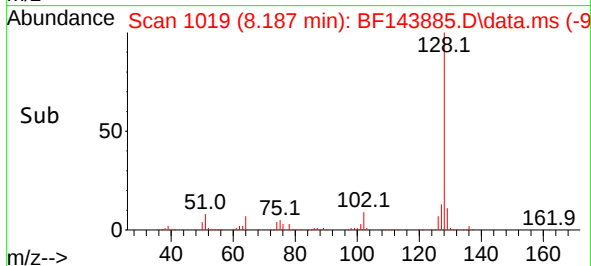
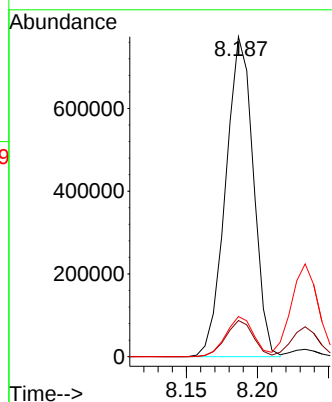
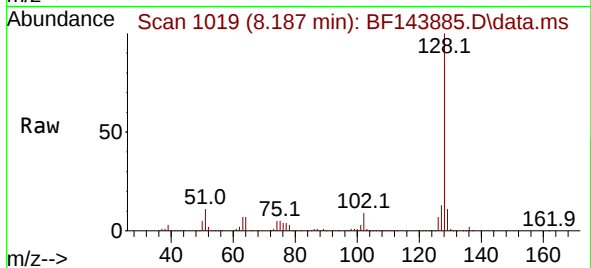
Tgt Ion:128 Resp: 1049781

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 12.6 10.0 15.0



#32

Benzoic acid

Concen: 53.120 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.023 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

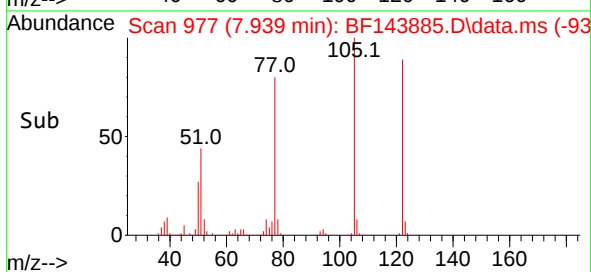
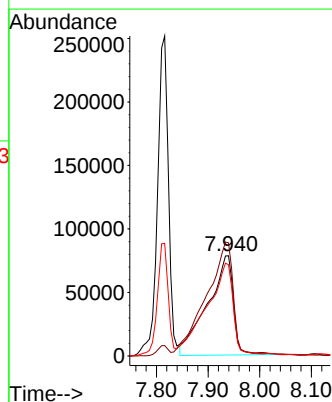
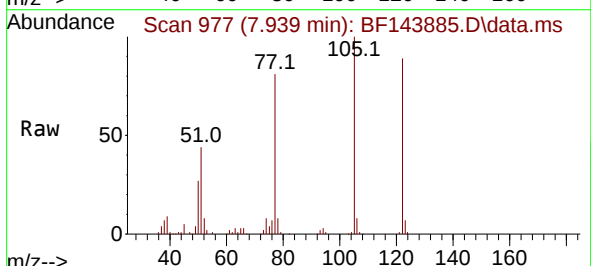
Tgt Ion:122 Resp: 270890

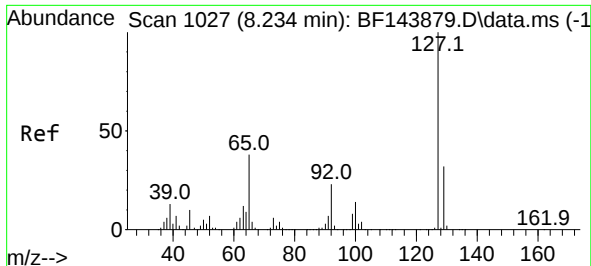
Ion Ratio Lower Upper

122 100

105 113.0 93.5 133.5

77 91.0 76.3 116.3

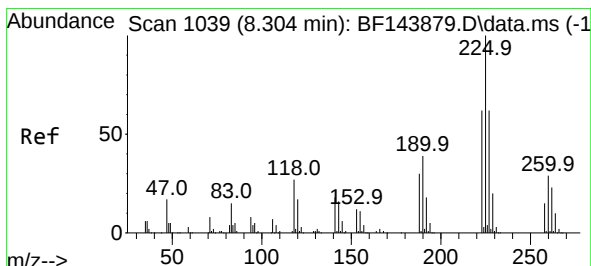
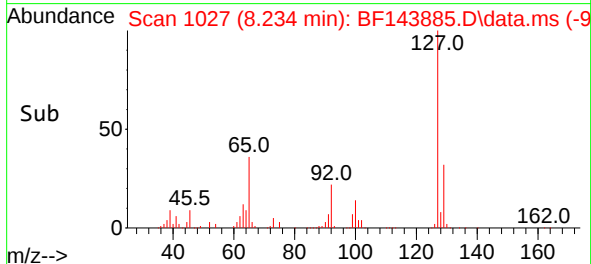
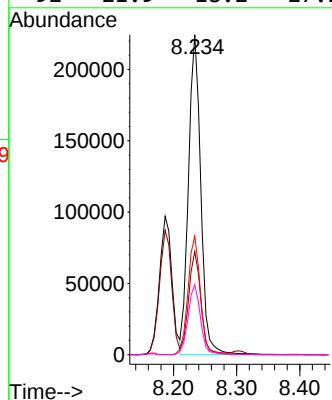
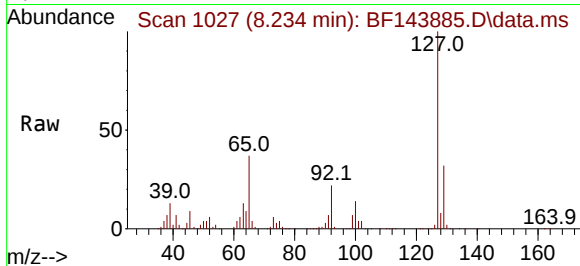




#33  
4-Chloroaniline  
Concen: 34.074 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

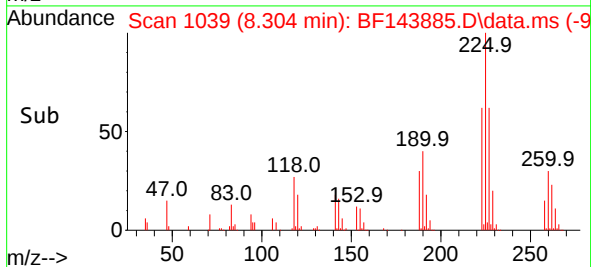
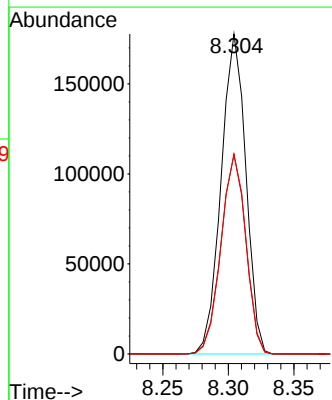
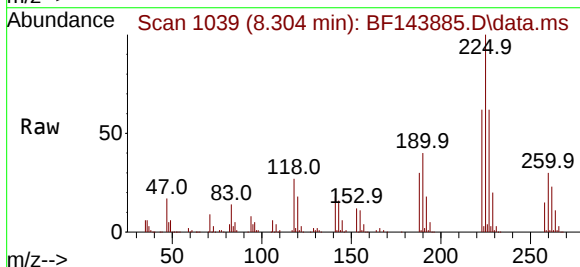
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

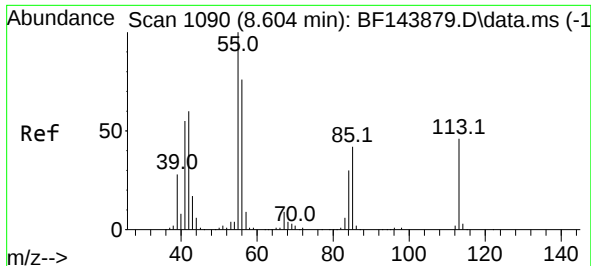
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 303862 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.8  | 38.8   |
| 65       | 37.1  | 30.0  | 45.0   |
| 92       | 21.9  | 18.2  | 27.2   |



#34  
Hexachlorobutadiene  
Concen: 44.363 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 232707 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 49.4  | 74.2   |
| 227      | 62.4  | 49.7  | 74.5   |

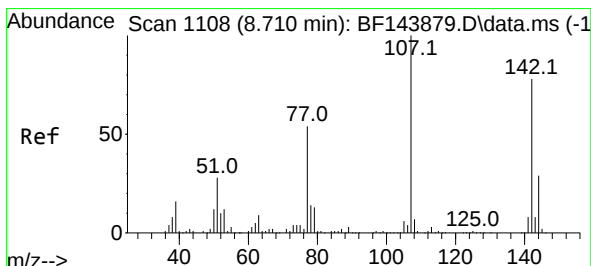
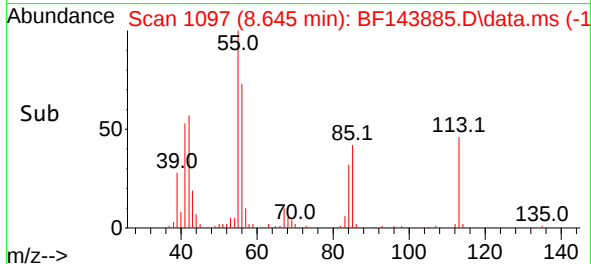
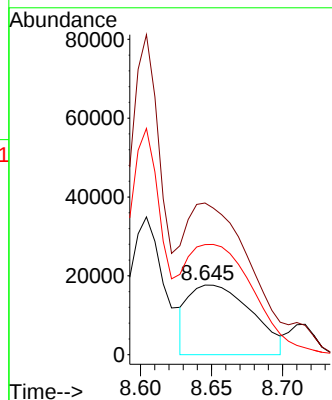
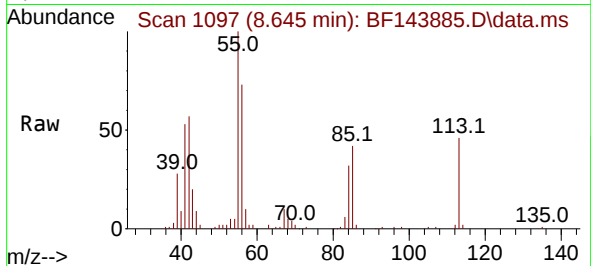




#35  
 Caprolactam  
 Concen: 22.320 ng  
 RT: 8.645 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: BF143885.D  
 Acq: 06 Oct 2025 17:07

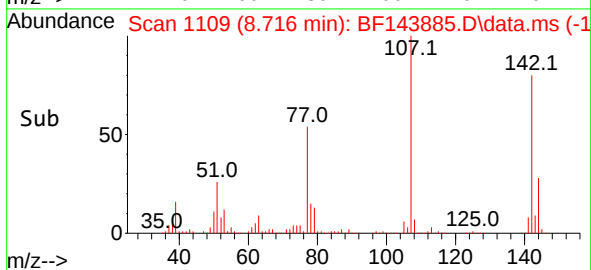
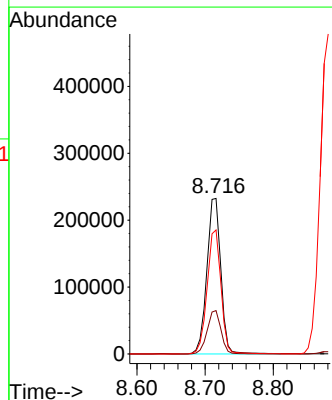
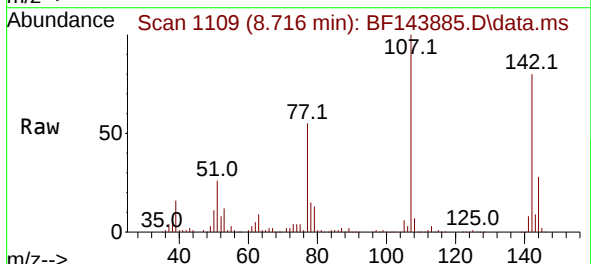
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169953BS

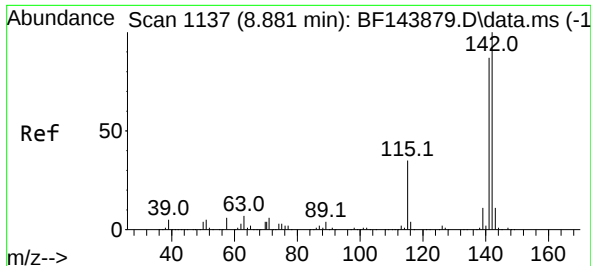
Tgt Ion:113 Resp: 54471  
 Ion Ratio Lower Upper  
 113 100  
 55 217.8 199.6 239.6  
 56 157.9 146.0 186.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.066 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. -0.006 min  
 Lab File: BF143885.D  
 Acq: 06 Oct 2025 17:07

Tgt Ion:107 Resp: 332260  
 Ion Ratio Lower Upper  
 107 100  
 144 27.9 23.1 34.7  
 142 79.7 62.6 94.0

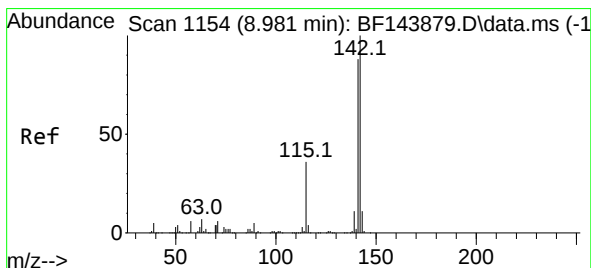
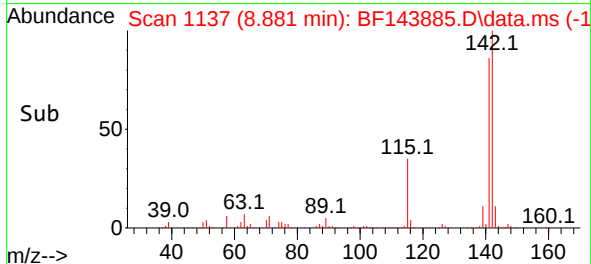
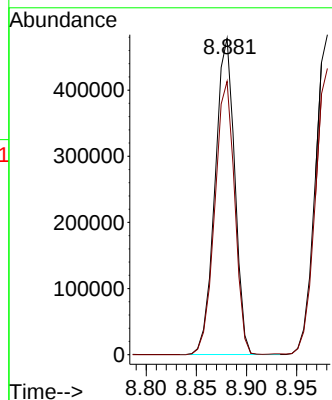
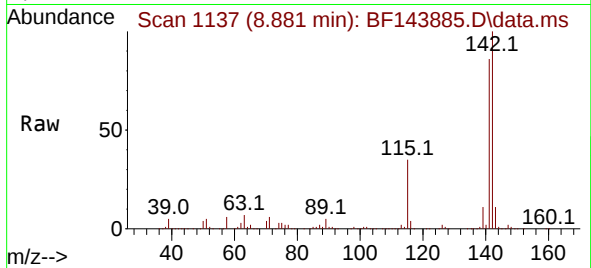




#37  
2-Methylnaphthalene  
Concen: 41.139 ng  
RT: 8.881 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

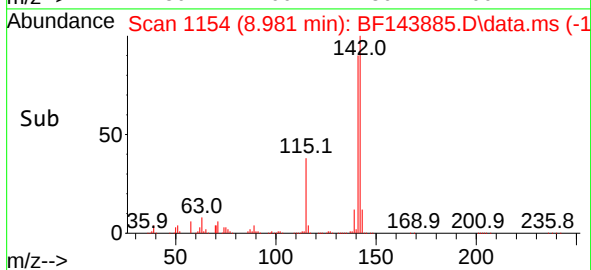
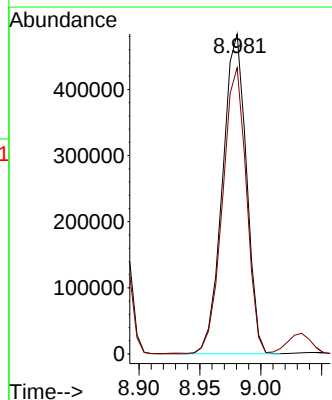
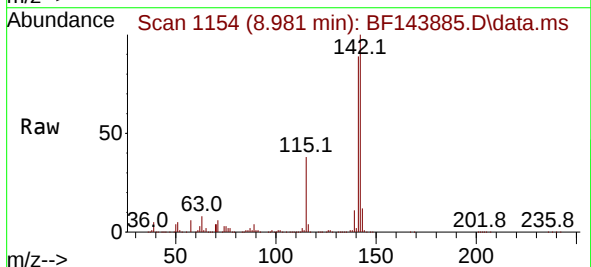
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

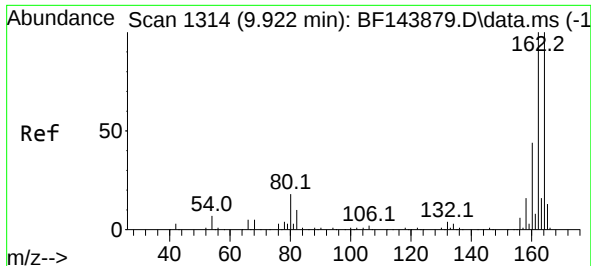
Tgt Ion:142 Resp: 651592  
Ion Ratio Lower Upper  
142 100  
141 86.4 69.2 103.8



#38  
1-Methylnaphthalene  
Concen: 43.039 ng  
RT: 8.981 min Scan# 1154  
Delta R.T. -0.005 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:142 Resp: 661222  
Ion Ratio Lower Upper  
142 100  
141 89.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1115

Delta R.T. 0.001 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

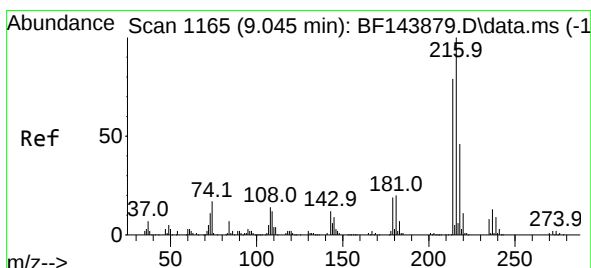
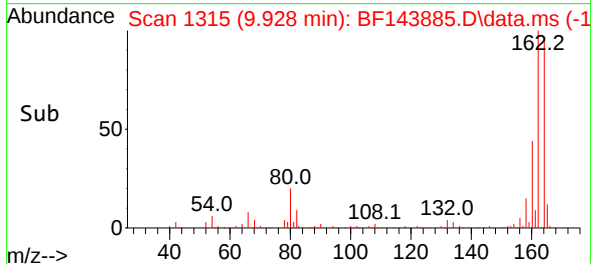
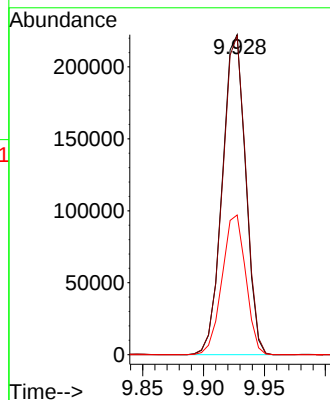
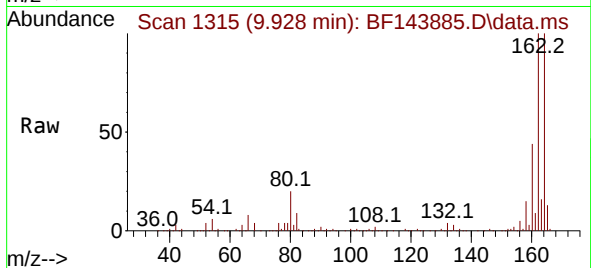
Tgt Ion:164 Resp: 295739

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

160 43.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.883 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Tgt Ion:216 Resp: 375042

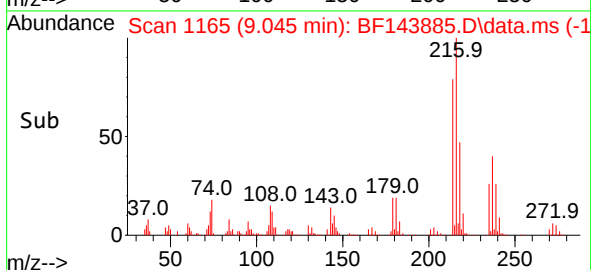
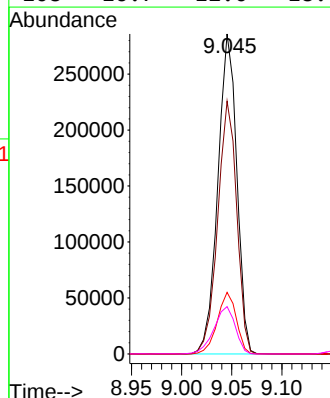
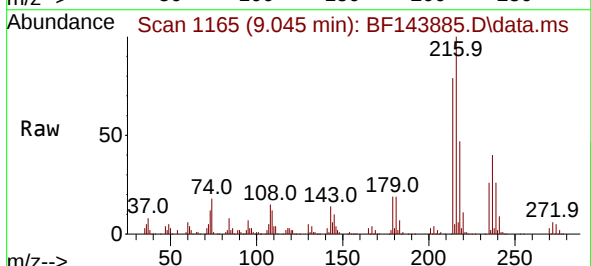
Ion Ratio Lower Upper

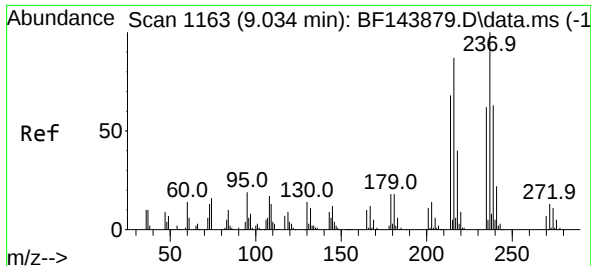
216 100

214 79.2 62.6 94.0

179 19.3 15.4 23.0

108 16.7 12.0 18.0

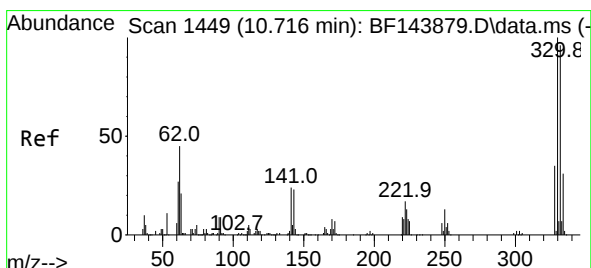
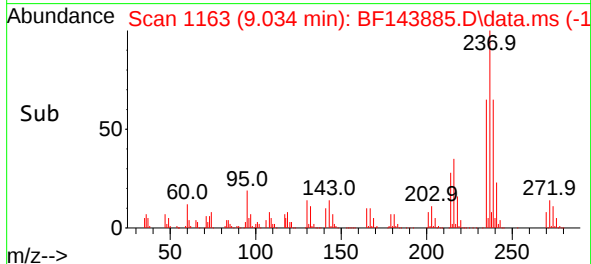
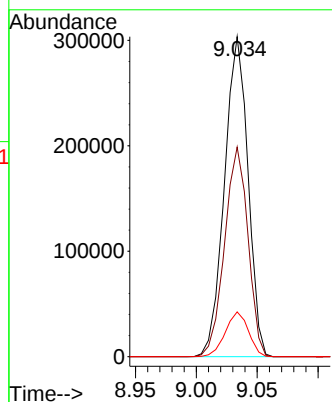
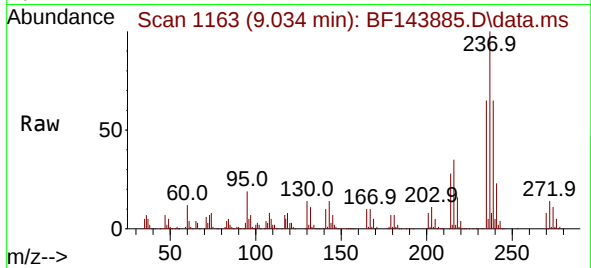




#41  
Hexachlorocyclopentadiene  
Concen: 120.269 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

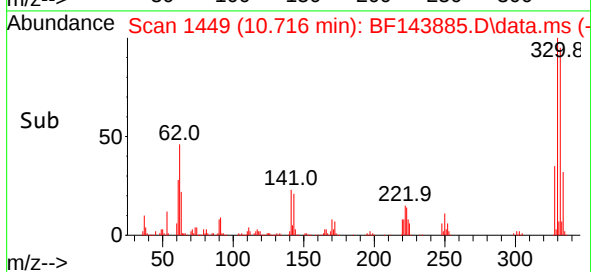
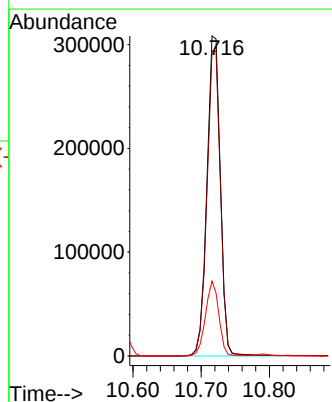
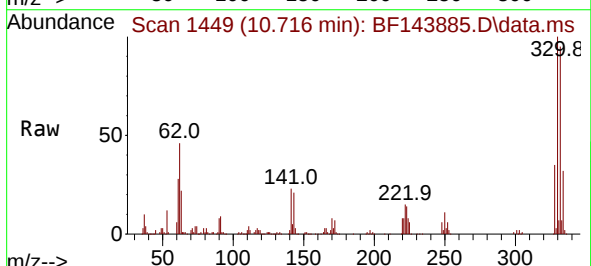
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

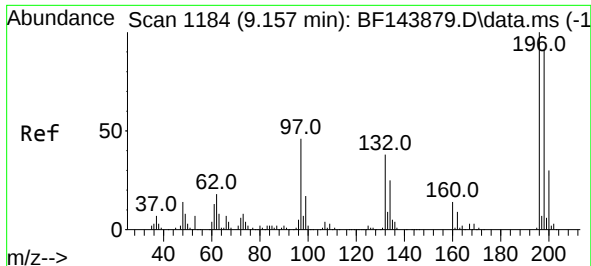
Tgt Ion: 237 Resp: 407831  
Ion Ratio Lower Upper  
237 100  
235 65.5 42.3 82.3  
272 14.0 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 143.889 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion: 330 Resp: 423842  
Ion Ratio Lower Upper  
330 100  
332 95.2 76.9 115.3  
141 23.2 20.2 30.4

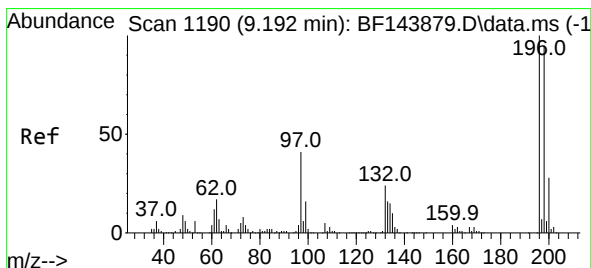
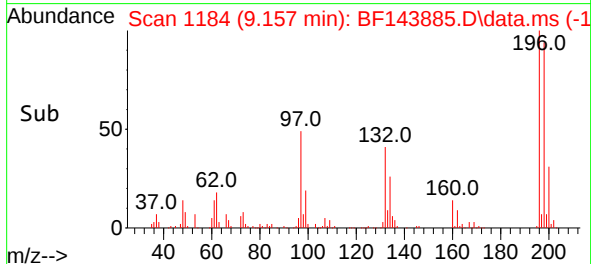
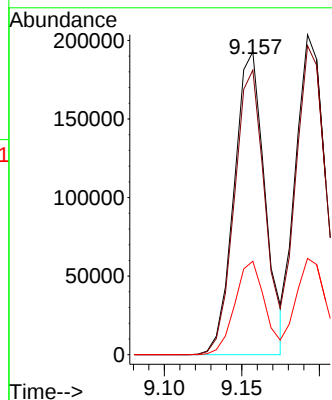
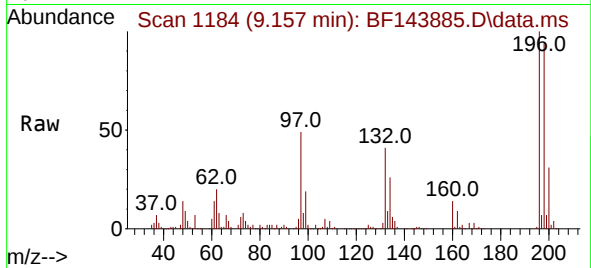




#43  
2,4,6-Trichlorophenol  
Concen: 44.712 ng  
RT: 9.157 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

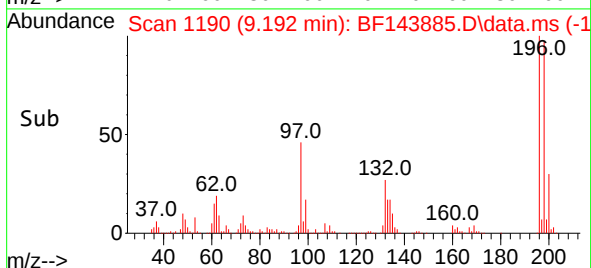
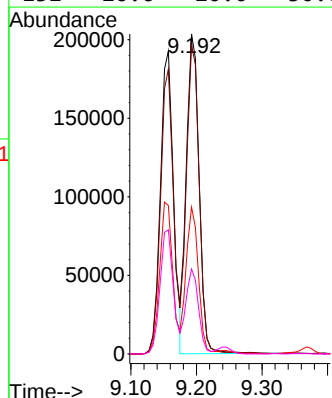
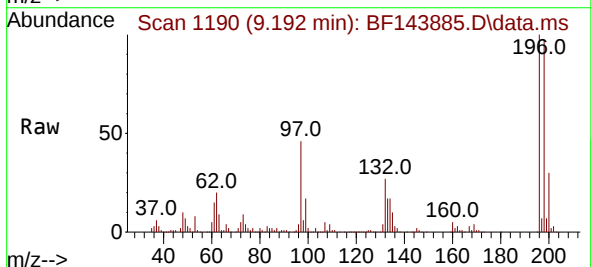
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

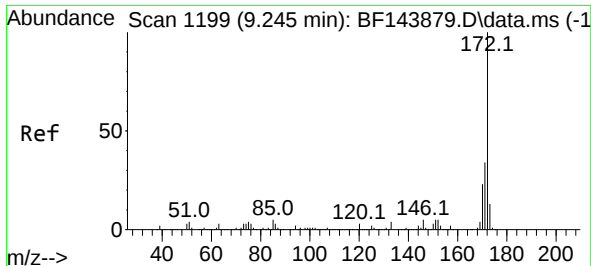
Tgt Ion:196 Resp: 267031  
Ion Ratio Lower Upper  
196 100  
198 94.0 72.8 109.2  
200 30.9 24.0 36.0



#44  
2,4,5-Trichlorophenol  
Concen: 43.451 ng  
RT: 9.192 min Scan# 1190  
Delta R.T. -0.012 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:196 Resp: 274230  
Ion Ratio Lower Upper  
196 100  
198 96.5 75.5 113.3  
97 45.9 33.9 50.9  
132 26.6 20.0 30.0

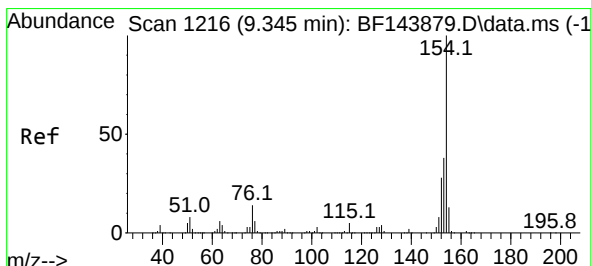
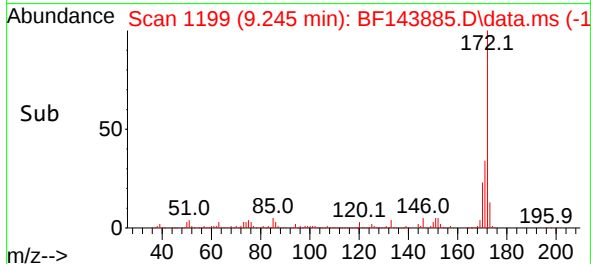
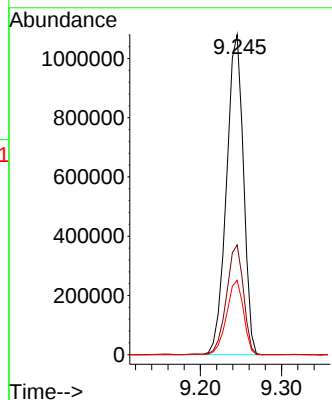
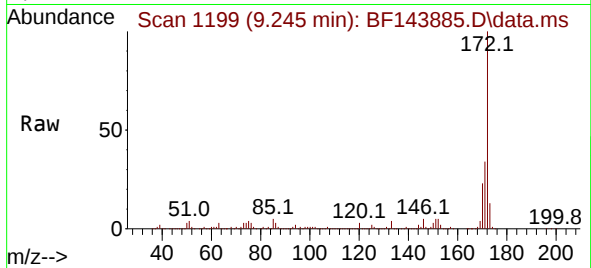




#45  
2-Fluorobiphenyl  
Concen: 84.123 ng  
RT: 9.245 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

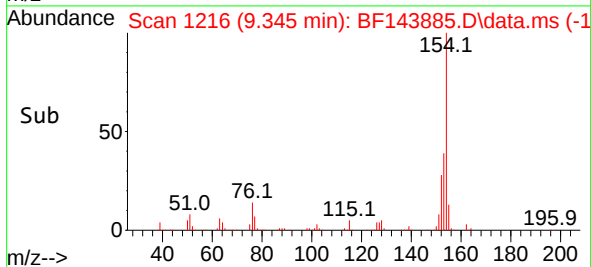
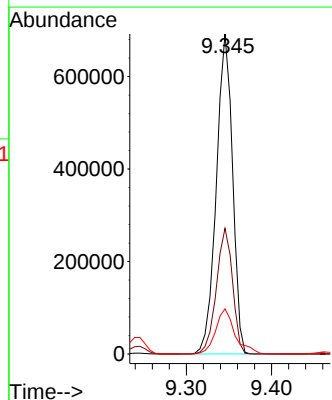
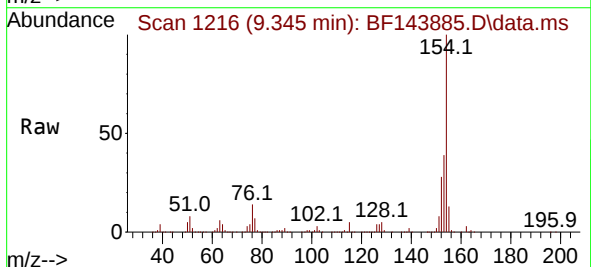
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

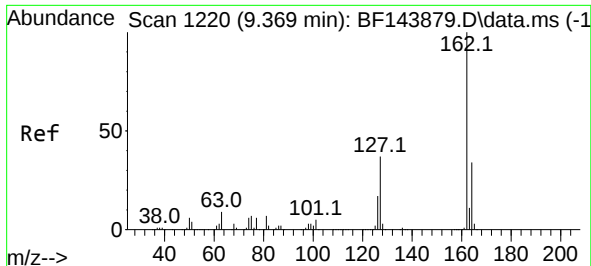
Tgt Ion:172 Resp: 1567898  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.4 41.0  
170 23.2 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 46.717 ng  
RT: 9.345 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:154 Resp: 914739  
Ion Ratio Lower Upper  
154 100  
153 39.2 18.4 58.4  
76 14.1 0.0 34.0

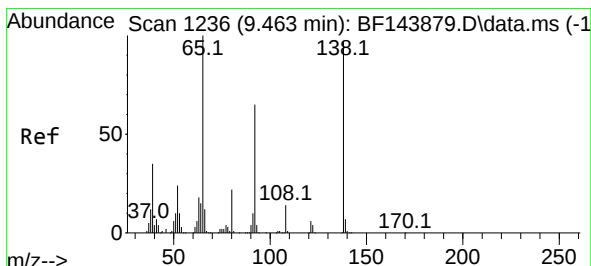
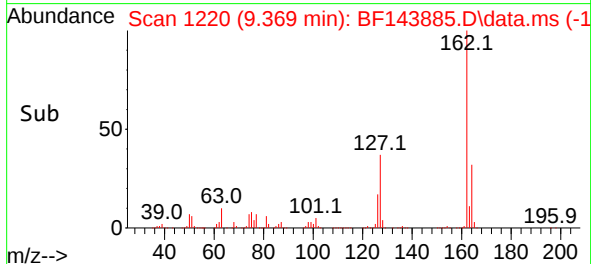
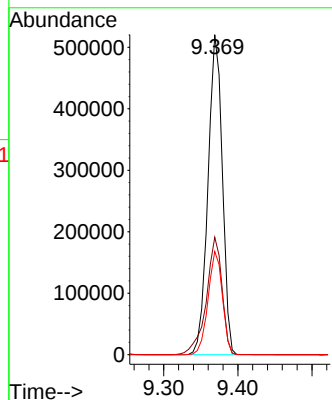
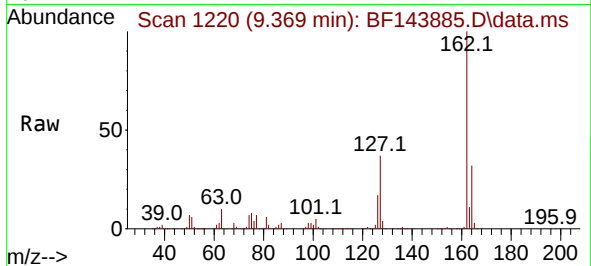




#47  
2-Chloronaphthalene  
Concen: 42.852 ng  
RT: 9.369 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

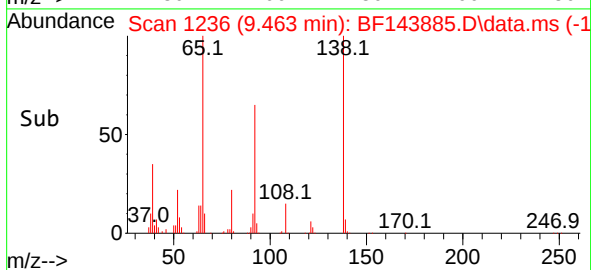
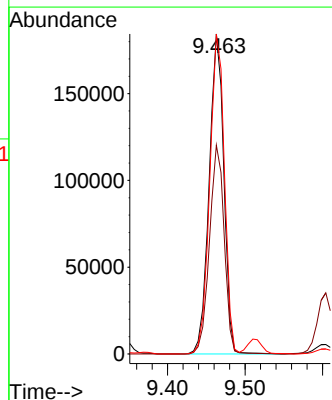
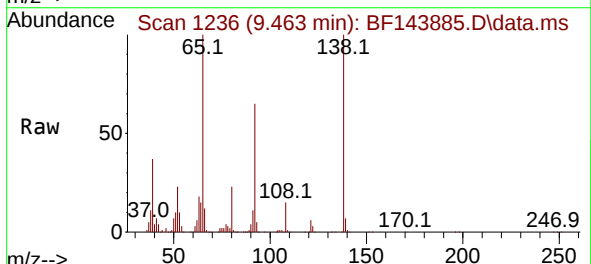
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

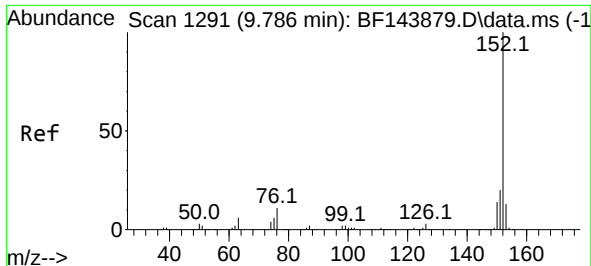
Tgt Ion:162 Resp: 699586  
Ion Ratio Lower Upper  
162 100  
127 36.7 30.2 45.2  
164 32.2 26.9 40.3



#48  
2-Nitroaniline  
Concen: 46.924 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

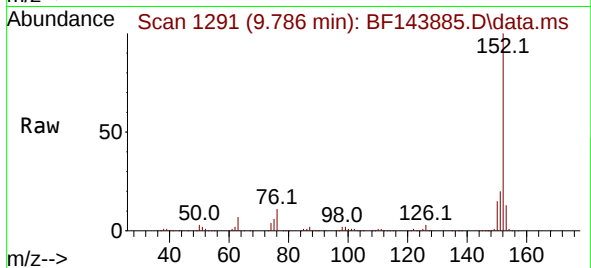
Tgt Ion: 65 Resp: 242193  
Ion Ratio Lower Upper  
65 100  
92 65.2 52.1 78.1  
138 99.9 77.4 116.2



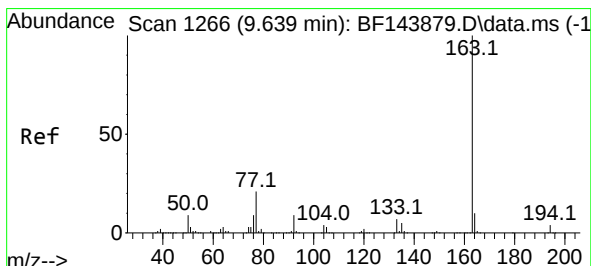
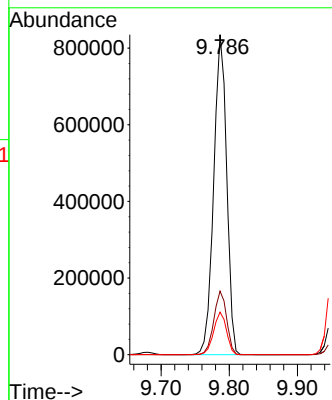
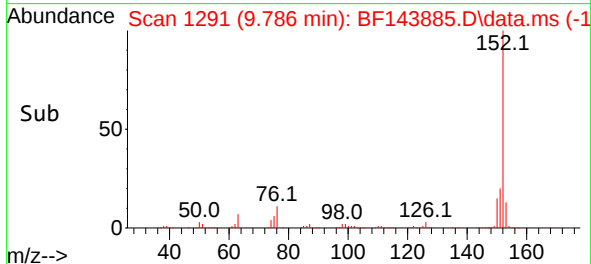


#49  
Acenaphthylene  
Concen: 48.225 ng  
RT: 9.786 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

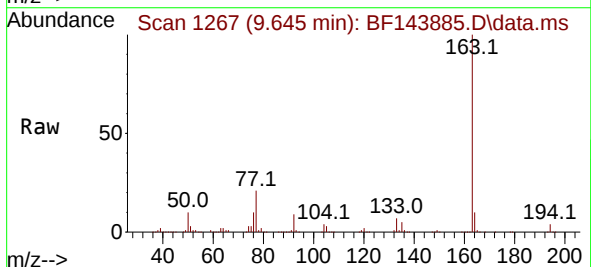
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS



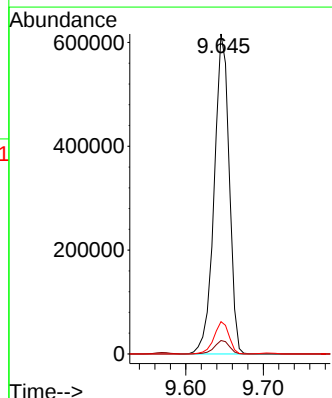
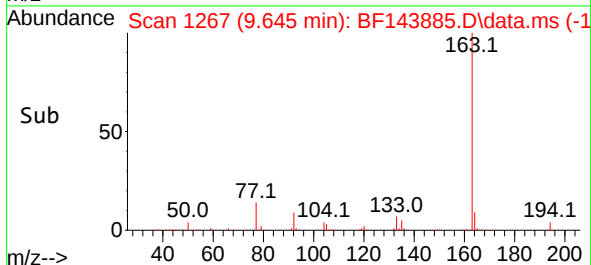
Tgt Ion:152 Resp: 1106824  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.6  
153 13.3 10.5 15.7

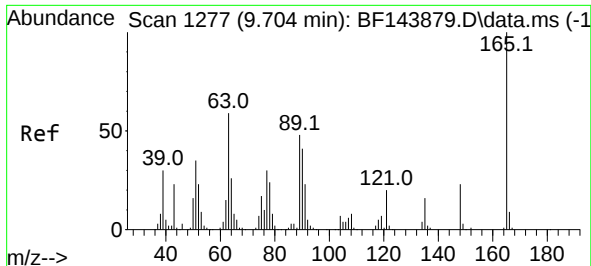


#50  
Dimethylphthalate  
Concen: 44.157 ng  
RT: 9.645 min Scan# 1267  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07



Tgt Ion:163 Resp: 829296  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.1 8.1 12.1

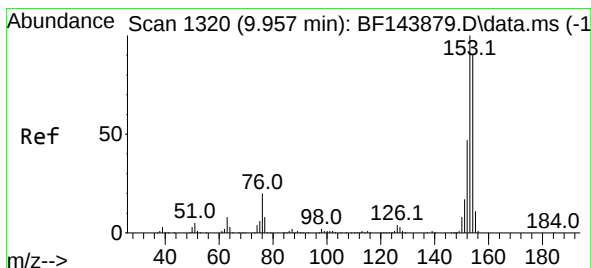
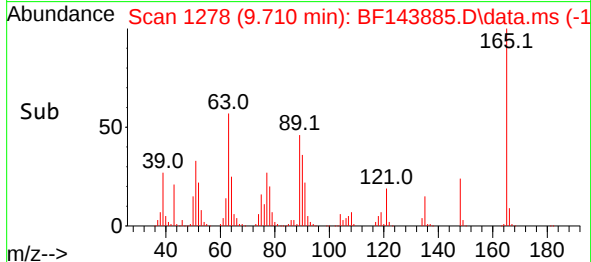
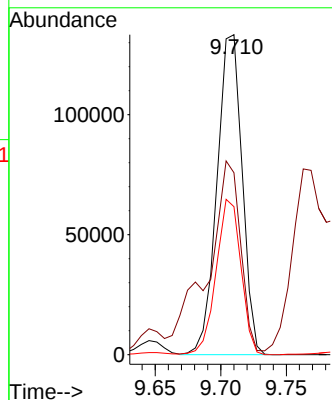
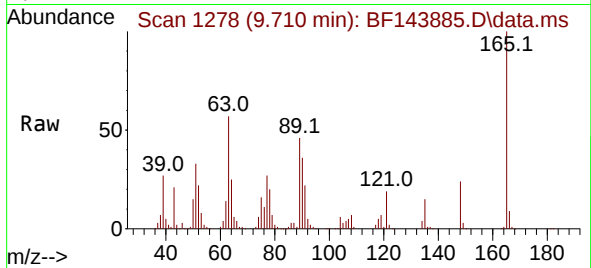




#51  
2,6-Dinitrotoluene  
Concen: 51.157 ng  
RT: 9.710 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

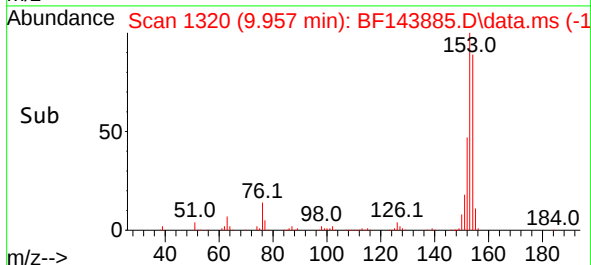
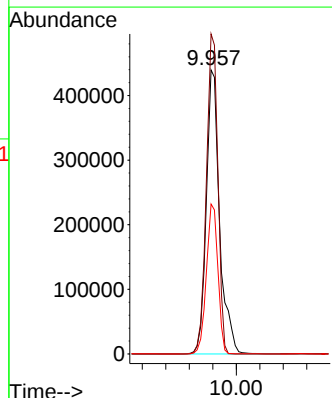
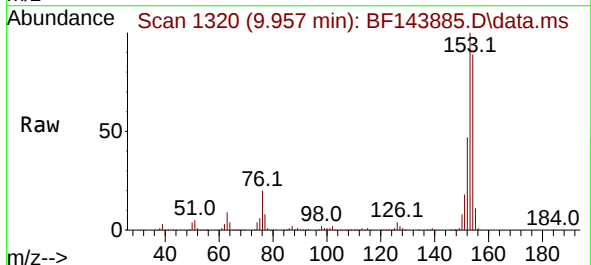
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

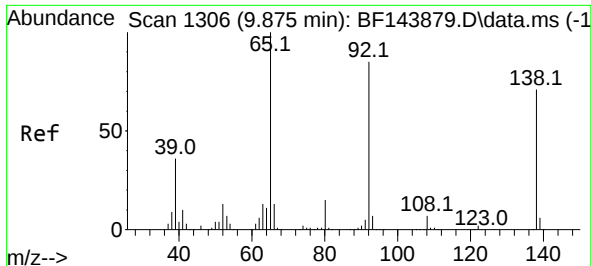
Tgt Ion:165 Resp: 178155  
Ion Ratio Lower Upper  
165 100  
63 56.8 47.3 70.9  
89 46.3 38.2 57.4



#52  
Acenaphthene  
Concen: 45.864 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:154 Resp: 689742  
Ion Ratio Lower Upper  
154 100  
153 112.6 89.3 133.9  
152 52.8 42.2 63.2

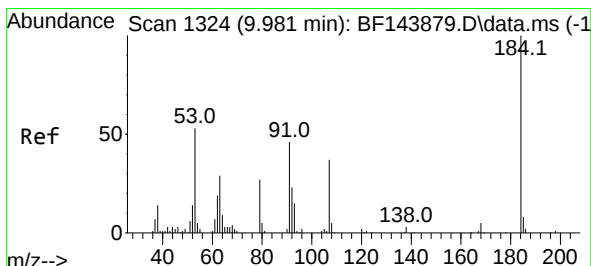
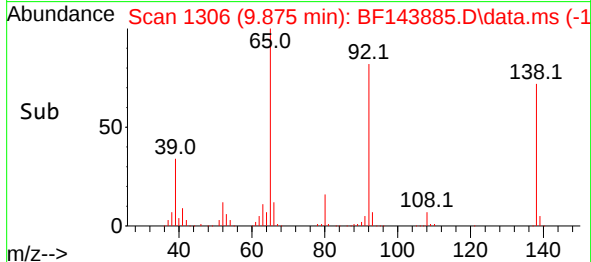
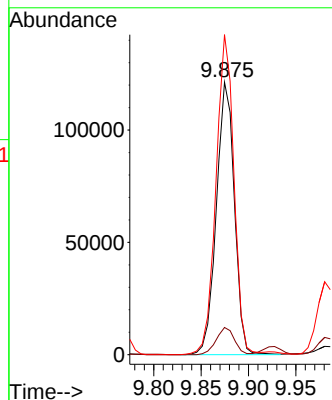
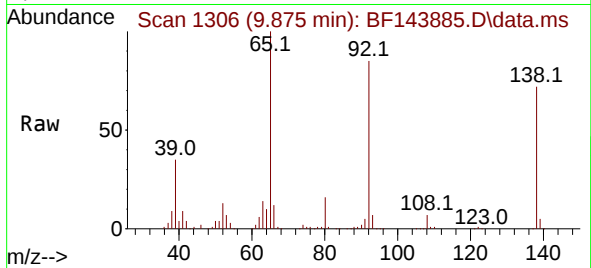




#53  
3-Nitroaniline  
Concen: 37.755 ng  
RT: 9.875 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

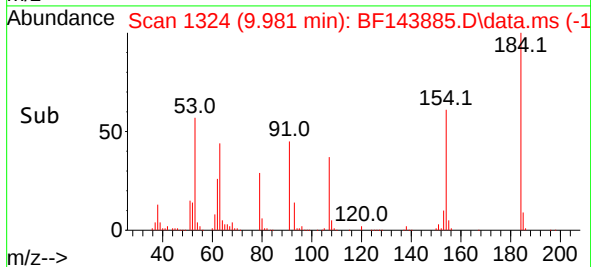
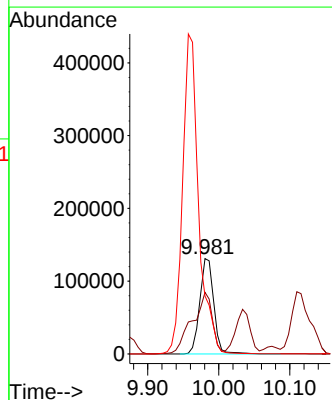
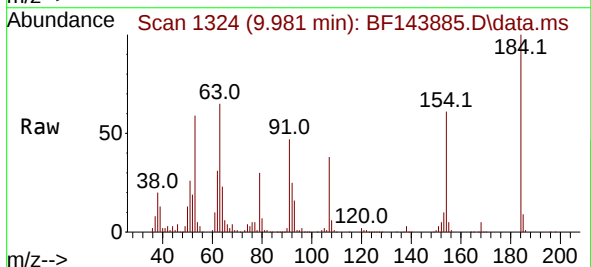
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

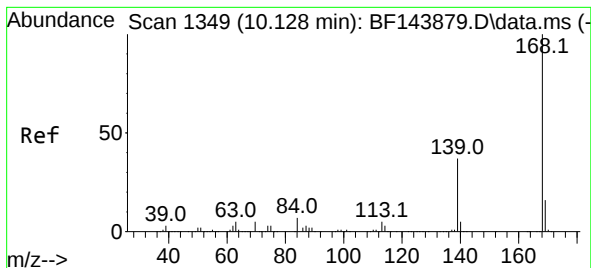
Tgt Ion:138 Resp: 160994  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.3 12.5  
92 117.4 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 83.522 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.005 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:184 Resp: 180135  
Ion Ratio Lower Upper  
184 100  
63 64.6 48.2 72.4  
154 60.7 49.2 73.8





#55

Dibenzofuran

Concen: 42.850 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

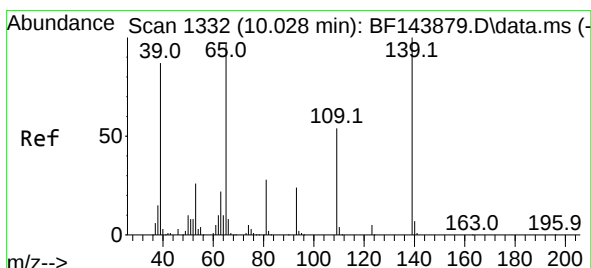
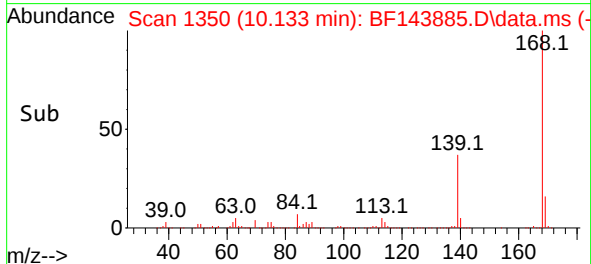
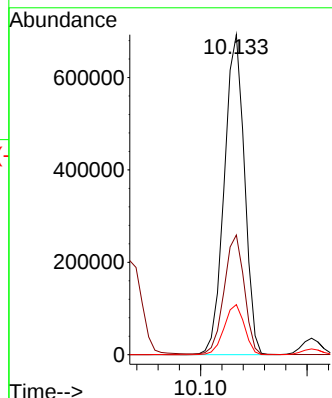
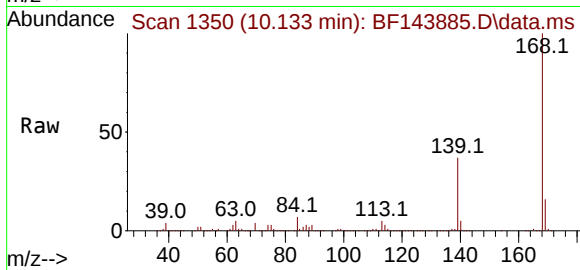
Tgt Ion:168 Resp: 909673

Ion Ratio Lower Upper

168 100

139 37.4 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 92.216 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

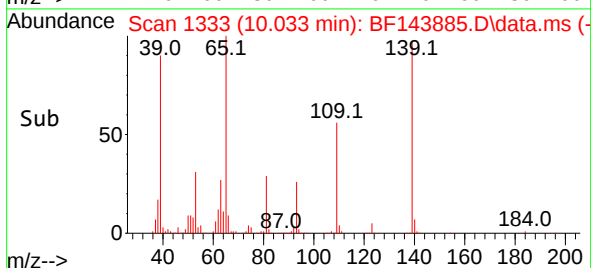
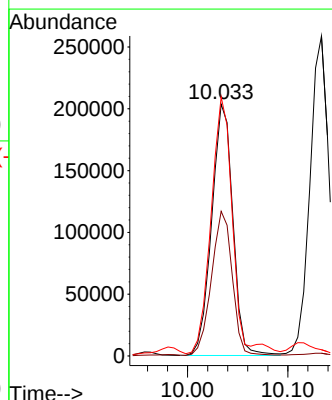
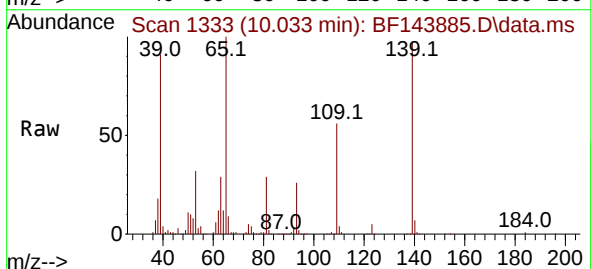
Tgt Ion:139 Resp: 297735

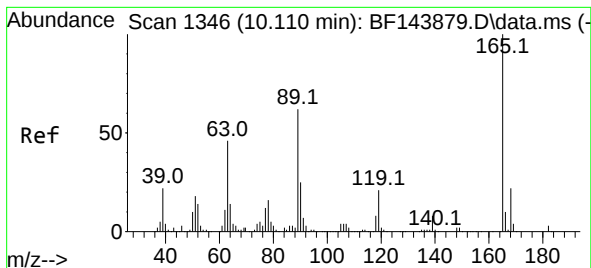
Ion Ratio Lower Upper

139 100

109 57.4 34.5 74.5

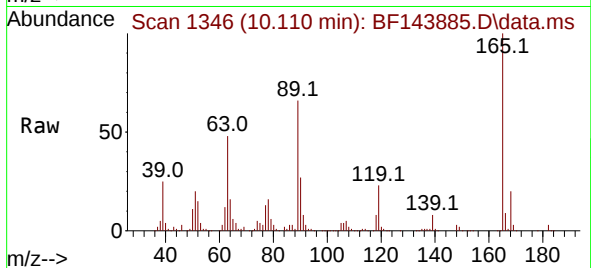
65 102.9 77.6 117.6



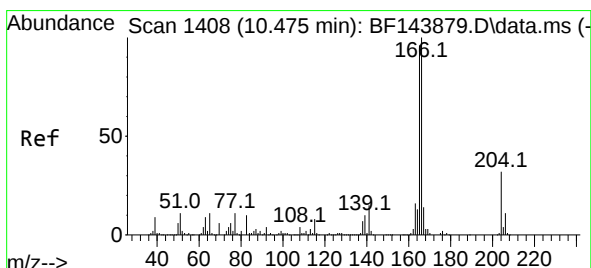
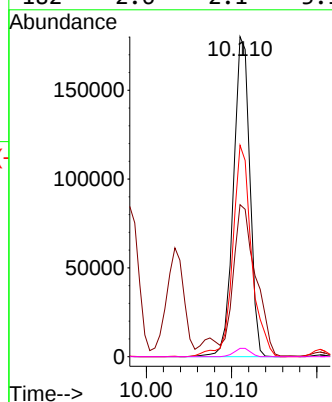
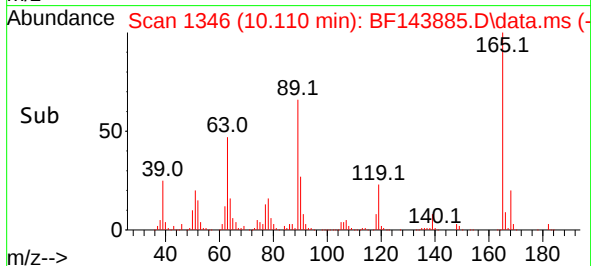


#57  
2,4-Dinitrotoluene  
Concen: 50.862 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

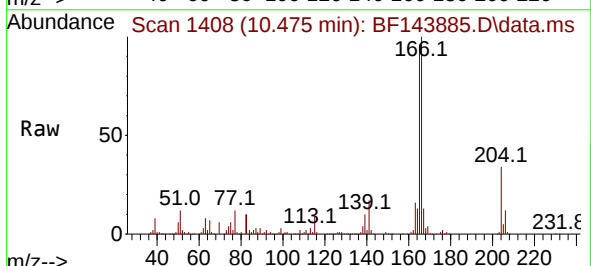
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS



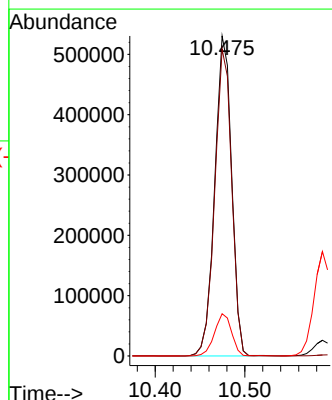
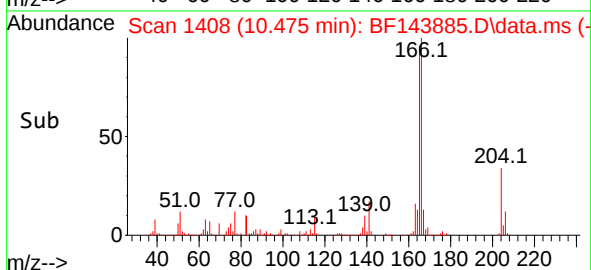
Tgt Ion:165 Resp: 241007  
Ion Ratio Lower Upper  
165 100  
63 47.5 37.2 55.8  
89 66.1 49.4 74.2  
182 2.6 2.1 3.1

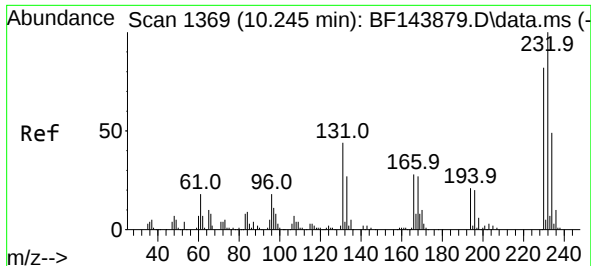


#58  
Fluorene  
Concen: 43.288 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07



Tgt Ion:166 Resp: 693425  
Ion Ratio Lower Upper  
166 100  
165 95.8 77.0 115.6  
167 13.2 11.1 16.7

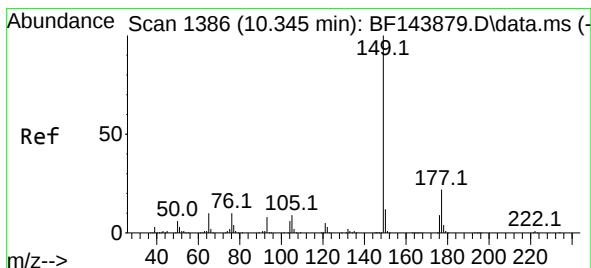
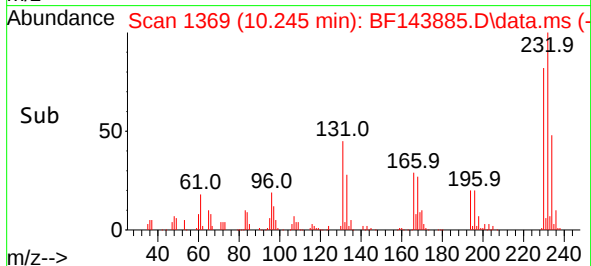
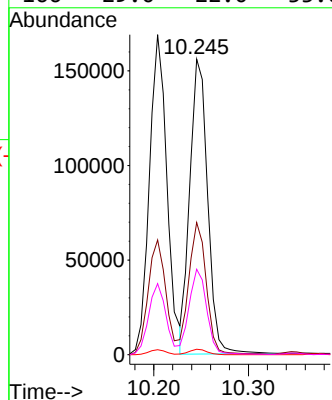
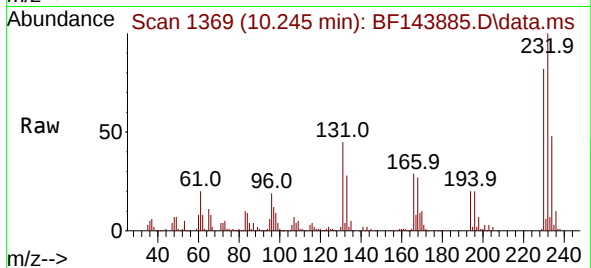




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.681 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

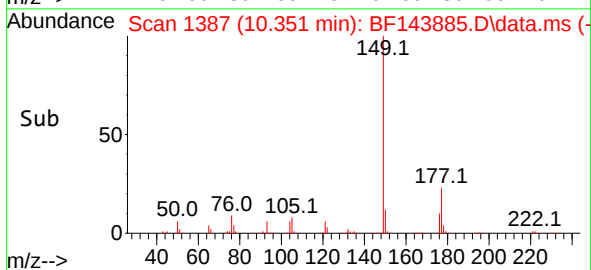
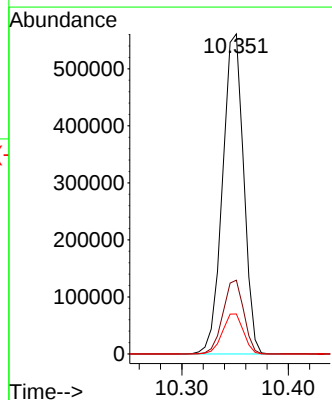
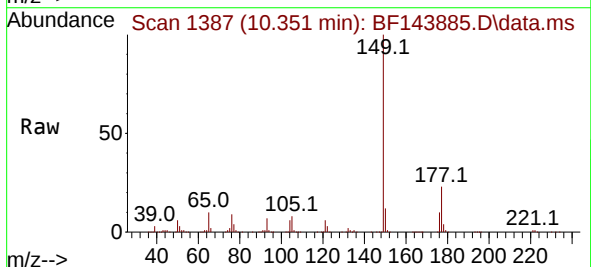
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

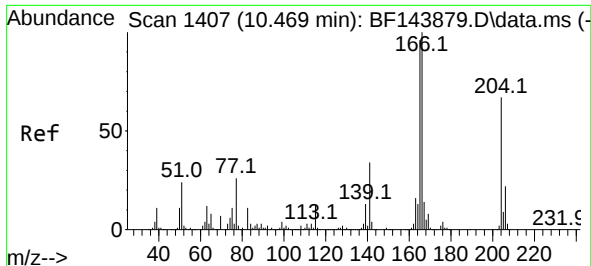
Tgt Ion:232 Resp: 204087  
Ion Ratio Lower Upper  
232 100  
131 44.9 34.9 52.3  
130 1.9 1.6 2.4  
166 29.0 22.0 33.0



#60  
Diethylphthalate  
Concen: 44.132 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:149 Resp: 769993  
Ion Ratio Lower Upper  
149 100  
177 23.0 17.9 26.9  
150 12.5 9.8 14.8

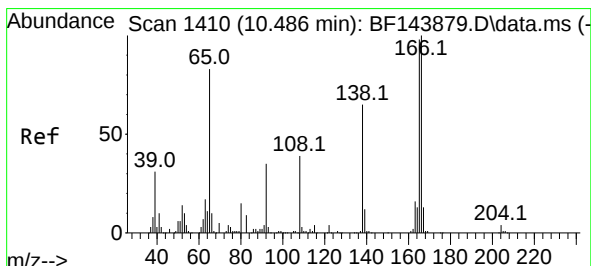
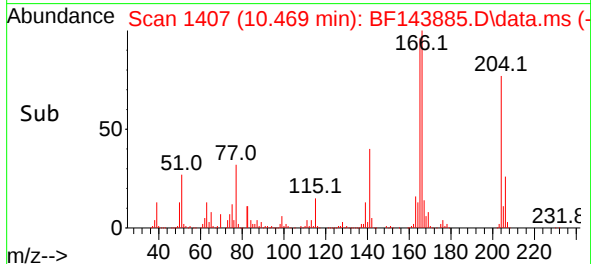
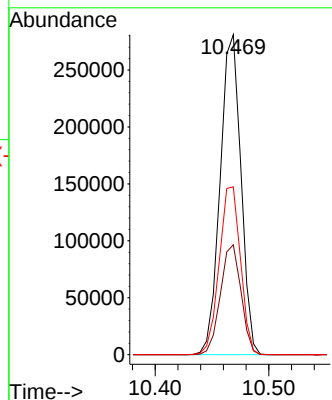
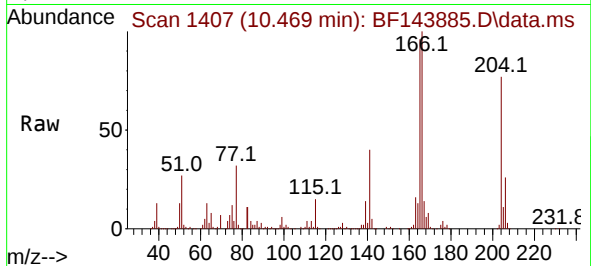




#61  
4-Chlorophenyl-phenylether  
Concen: 42.243 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

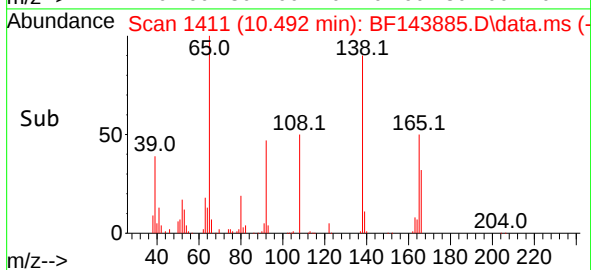
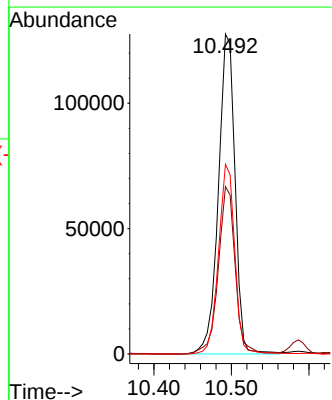
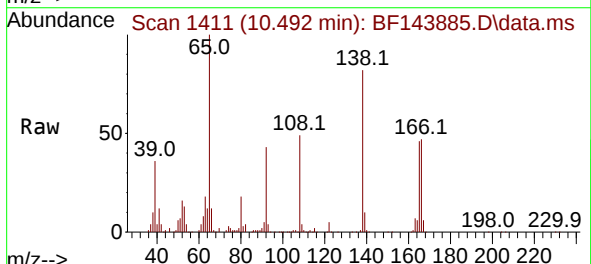
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

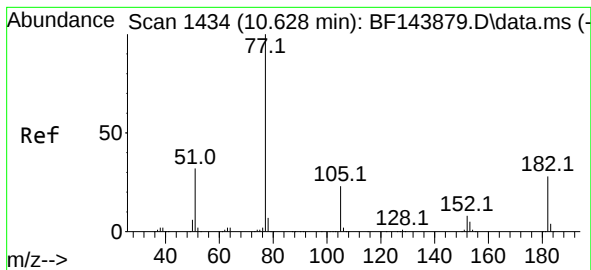
Tgt Ion:204 Resp: 357762  
Ion Ratio Lower Upper  
204 100  
206 34.3 26.6 40.0  
141 52.5 40.4 60.6



#62  
4-Nitroaniline  
Concen: 46.530 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.017 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:138 Resp: 190797  
Ion Ratio Lower Upper  
138 100  
92 52.3 33.9 73.9  
108 59.3 40.2 80.2

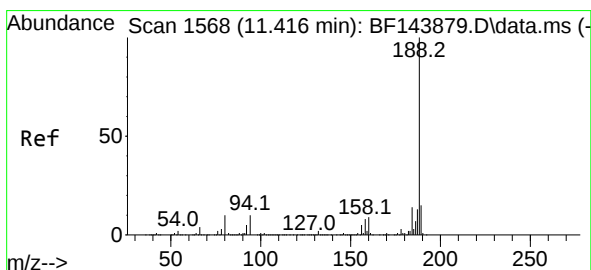
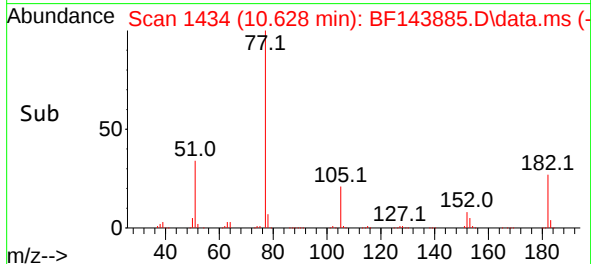
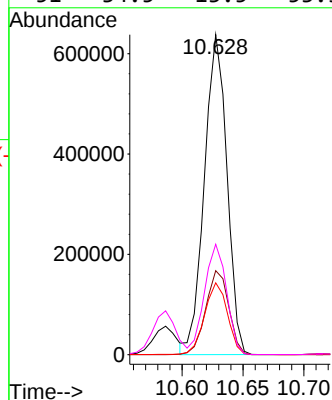
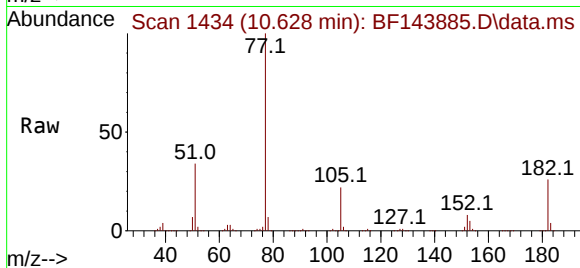




#63  
Azobenzene  
Concen: 45.024 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

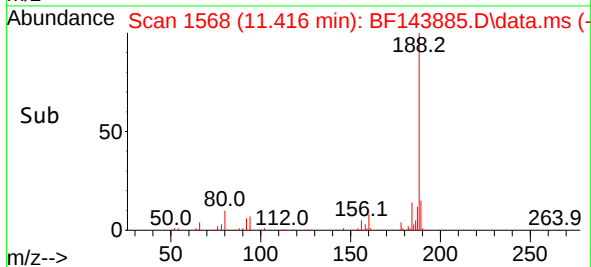
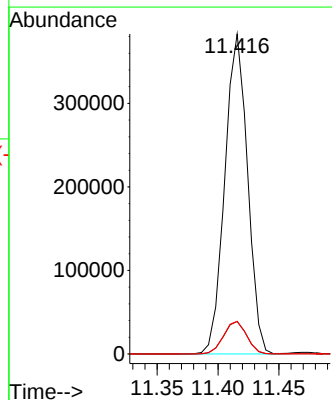
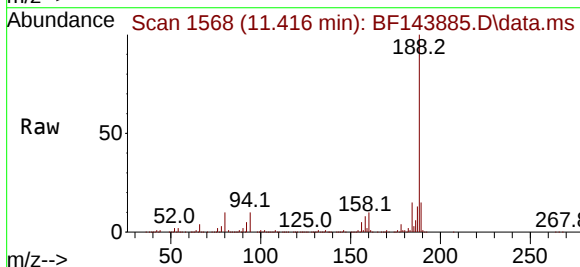
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

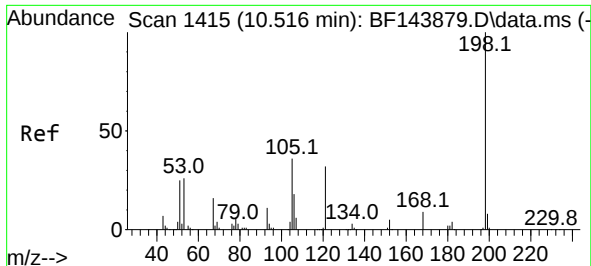
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 821005 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 26.3    | 7.3 47.3     |
| 105 22.5    | 3.0 43.0     |
| 51 34.5     | 13.5 53.5    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 498077 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 10.2     | 7.8 11.6     |
| 80 10.2     | 7.9 11.9     |

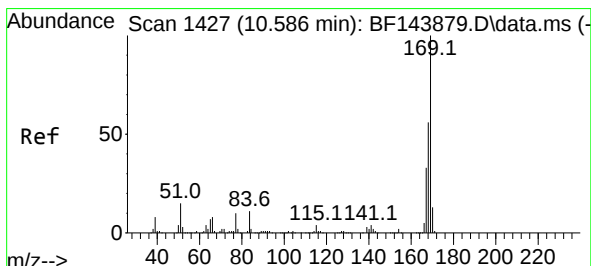
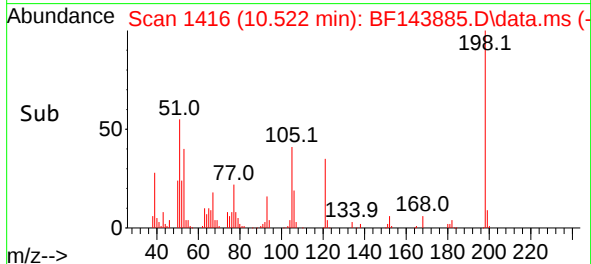
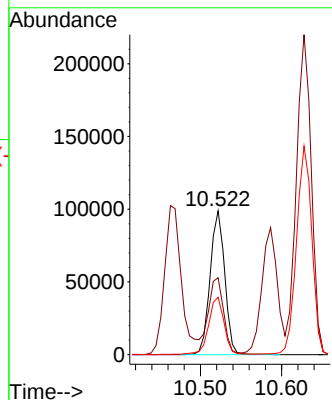
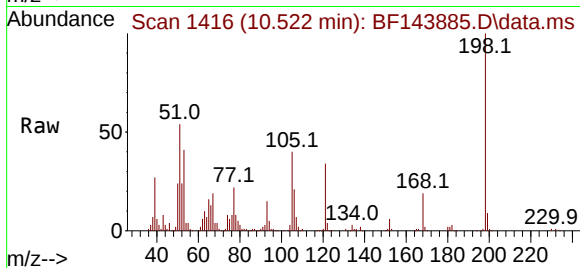




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.441 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. -0.012 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

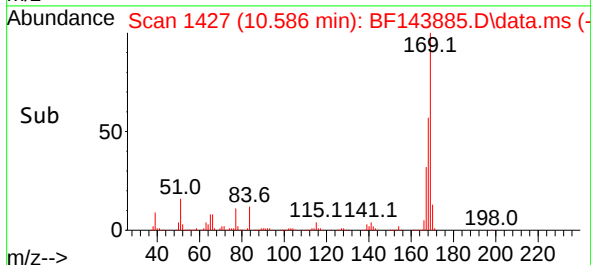
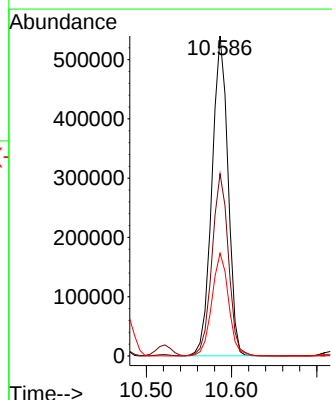
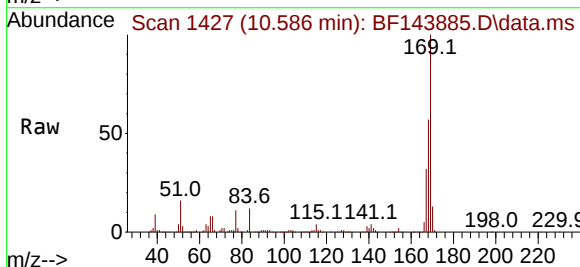
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

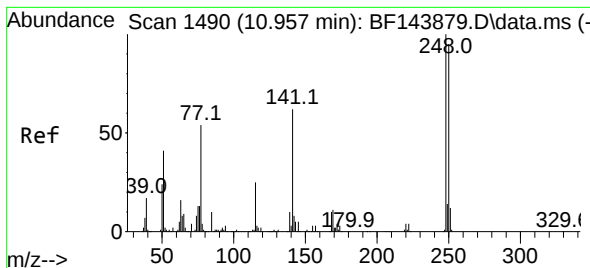
Tgt Ion:198 Resp: 123750  
Ion Ratio Lower Upper  
198 100  
51 53.5 33.8 73.8  
105 39.9 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 45.177 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:169 Resp: 706524  
Ion Ratio Lower Upper  
169 100  
168 57.0 44.9 67.3  
167 32.1 26.3 39.5

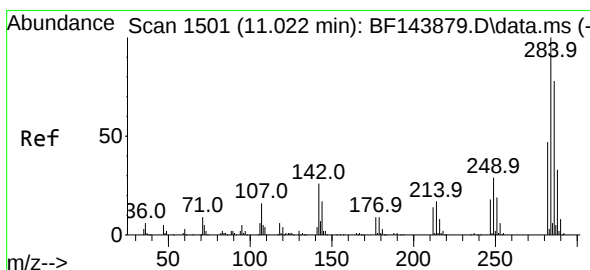
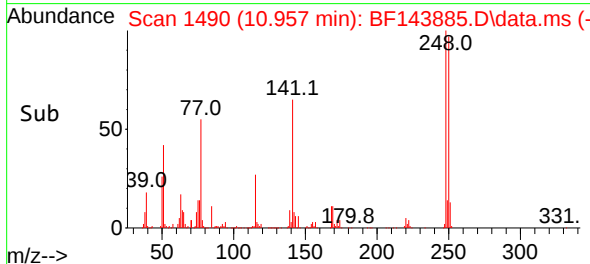
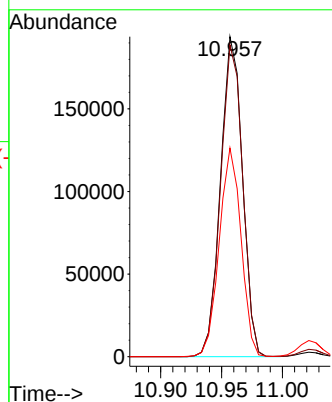
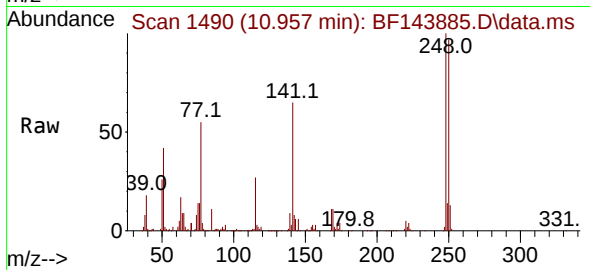




#67  
4-Bromophenyl-phenylether  
Concen: 44.238 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

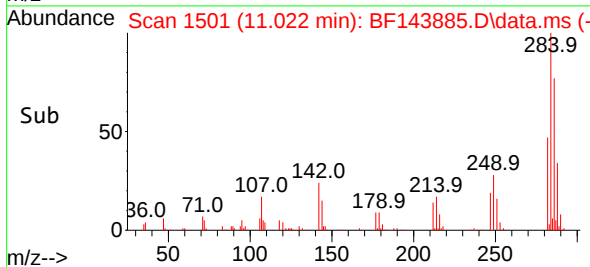
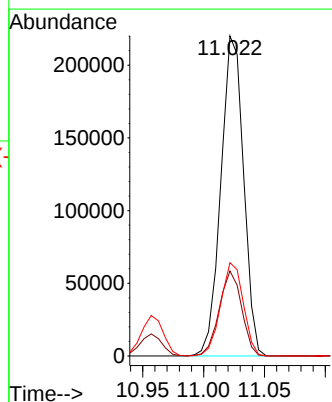
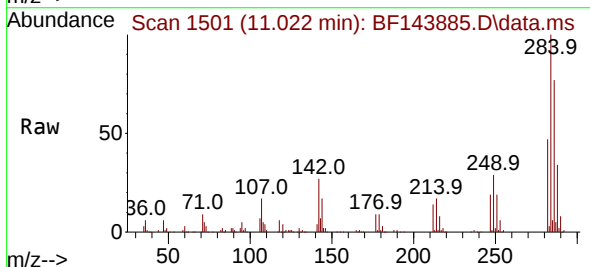
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

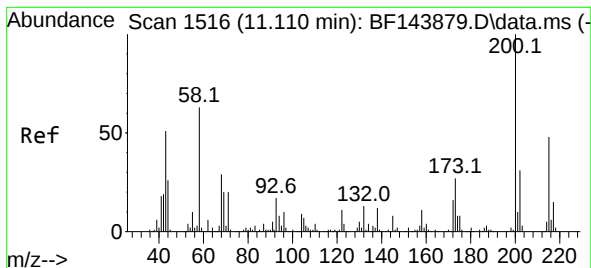
Tgt Ion:248 Resp: 243510  
Ion Ratio Lower Upper  
248 100  
250 97.4 76.3 114.5  
141 65.2 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 44.810 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:284 Resp: 285555  
Ion Ratio Lower Upper  
284 100  
142 26.6 20.6 30.8  
249 29.2 23.2 34.8





#69

Atrazine

Concen: 48.255 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

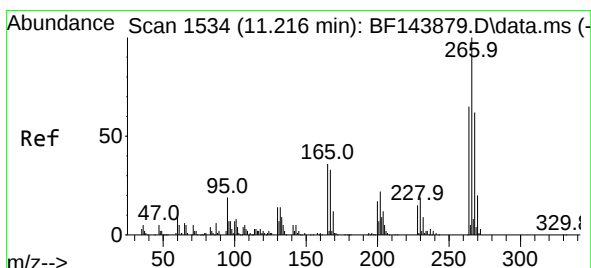
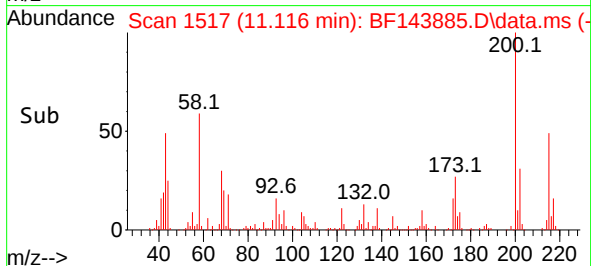
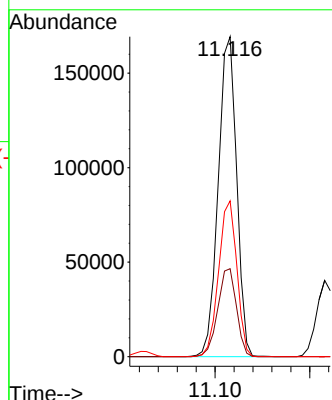
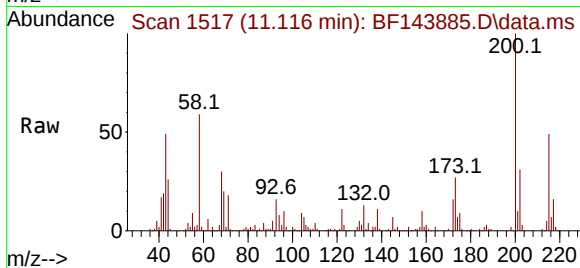
Tgt Ion:200 Resp: 228736

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 48.7 27.8 67.8



#70

Pentachlorophenol

Concen: 87.138 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

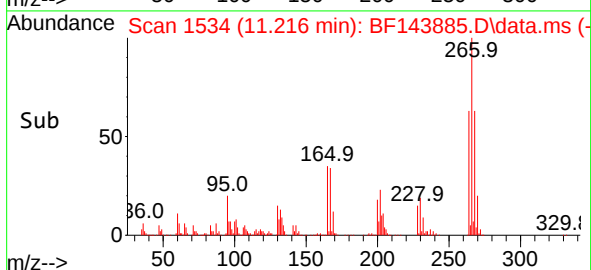
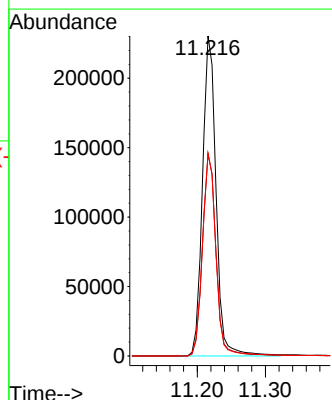
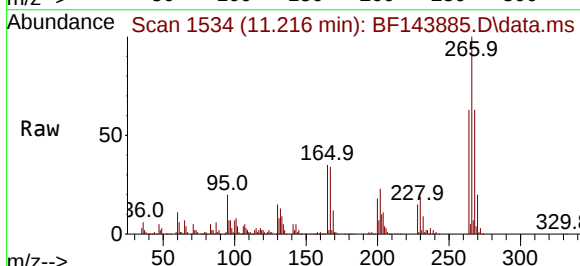
Tgt Ion:266 Resp: 318924

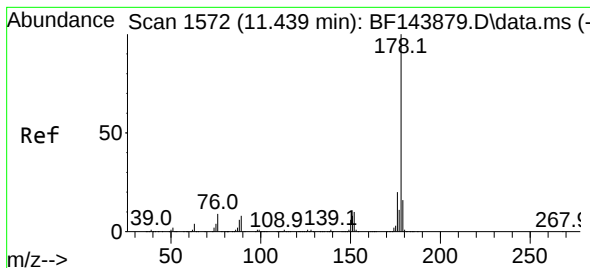
Ion Ratio Lower Upper

266 100

268 63.2 49.4 74.0

264 63.2 51.8 77.6





#71

Phenanthrene

Concen: 44.122 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

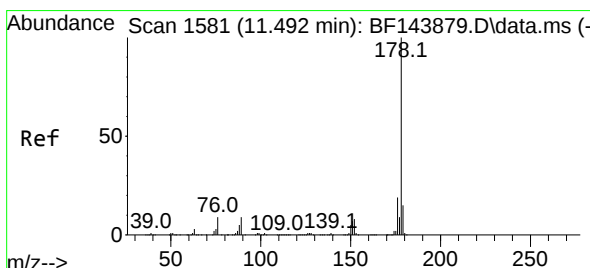
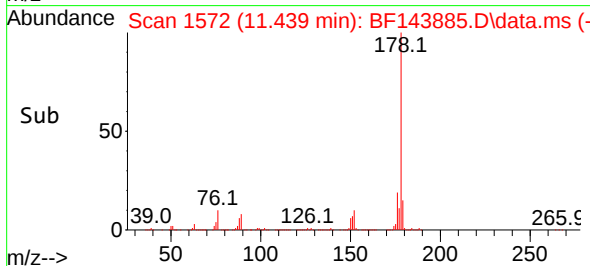
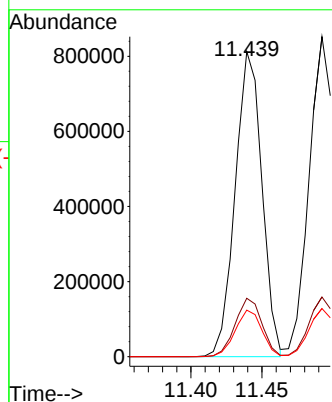
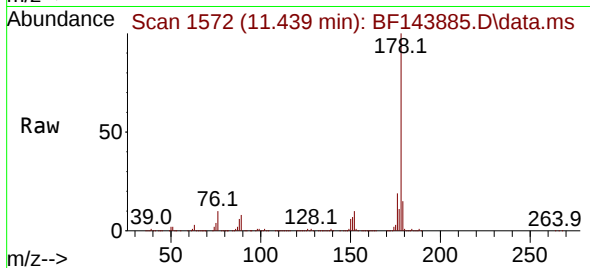
Tgt Ion:178 Resp: 1065408

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 44.675 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

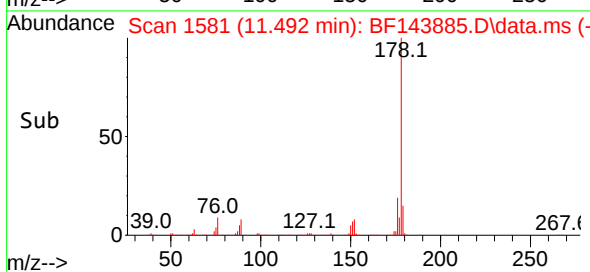
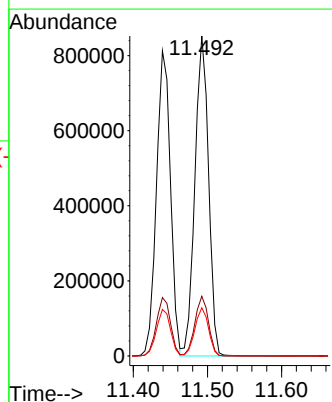
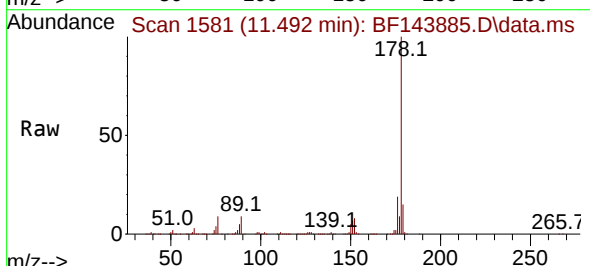
Tgt Ion:178 Resp: 1089814

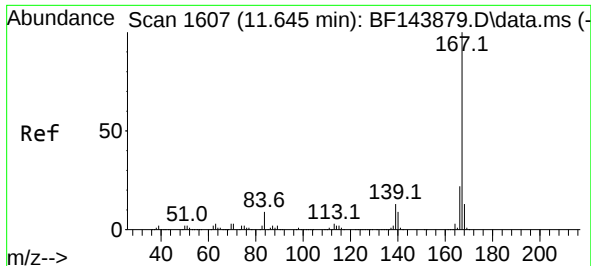
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.1 12.2 18.2

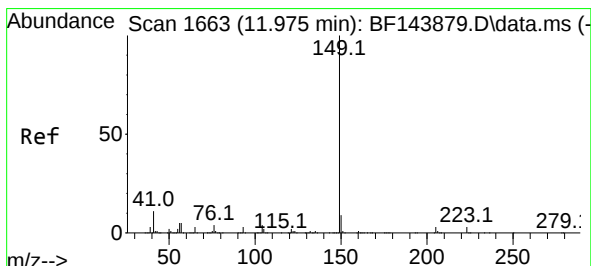
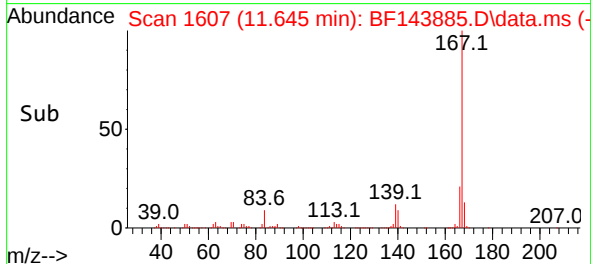
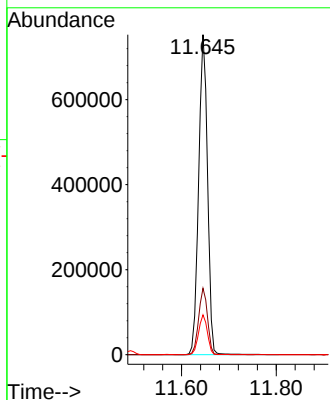
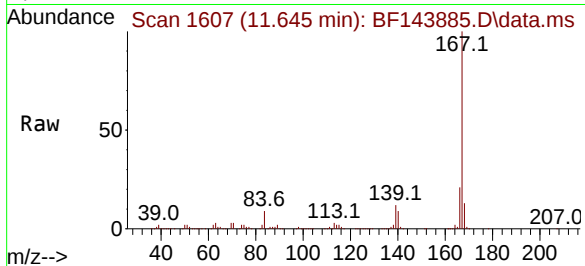




#73  
 Carbazole  
 Concen: 45.432 ng  
 RT: 11.645 min Scan# 1607  
 Delta R.T. -0.006 min  
 Lab File: BF143885.D  
 Acq: 06 Oct 2025 17:07

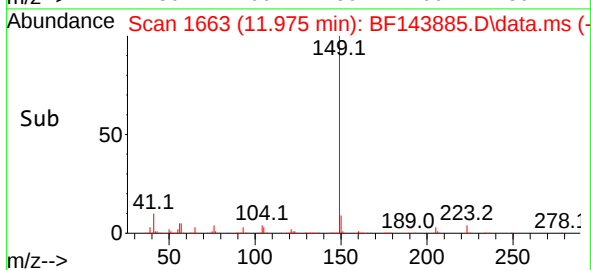
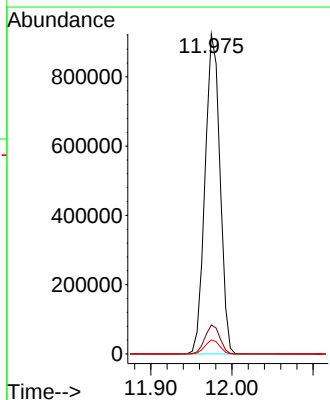
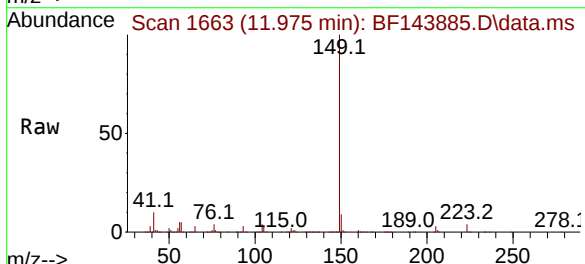
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169953BS

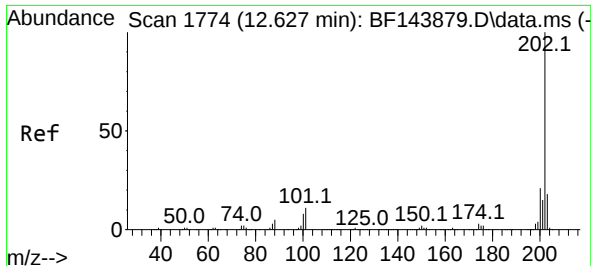
Tgt Ion:167 Resp: 981566  
 Ion Ratio Lower Upper  
 167 100  
 166 20.8 17.2 25.8  
 139 12.4 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 47.045 ng  
 RT: 11.975 min Scan# 1663  
 Delta R.T. -0.006 min  
 Lab File: BF143885.D  
 Acq: 06 Oct 2025 17:07

Tgt Ion:149 Resp: 1177984  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.2  
 104 4.4 3.4 5.2

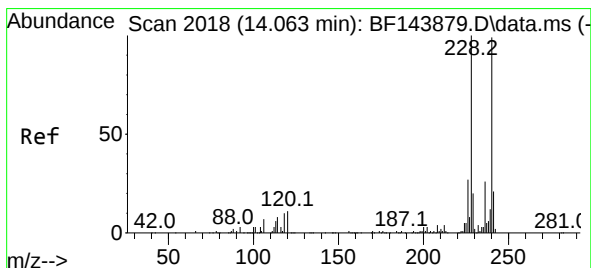
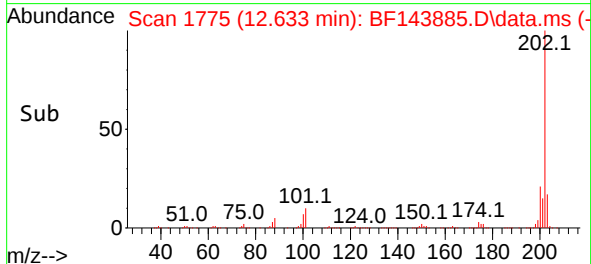
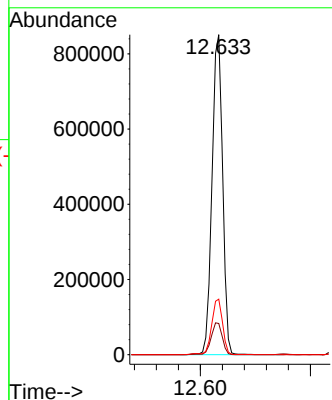
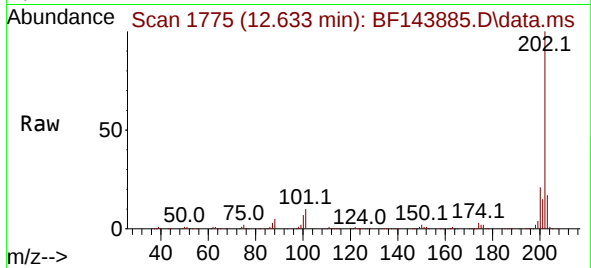




#75  
Fluoranthene  
Concen: 45.607 ng  
RT: 12.633 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

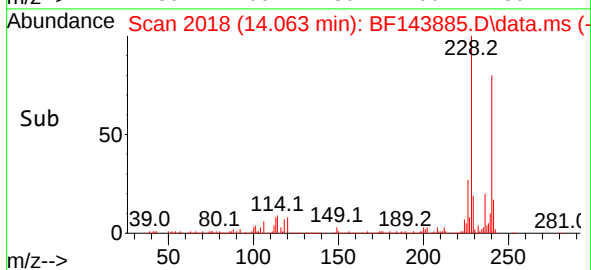
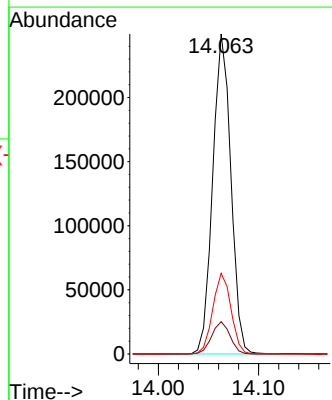
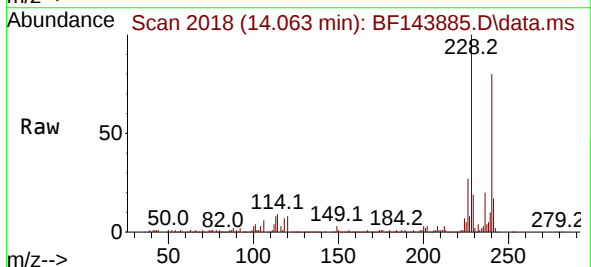
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

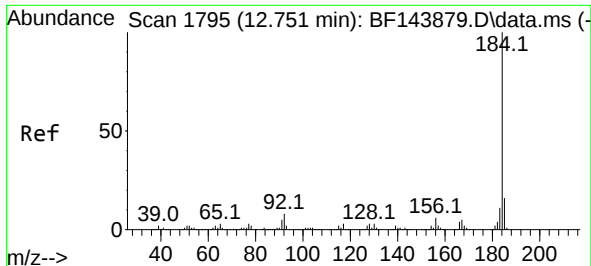
Tgt Ion:202 Resp: 1137528  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 30.7  
203 17.4 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:240 Resp: 313084  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.6 13.0  
236 25.2 21.1 31.7

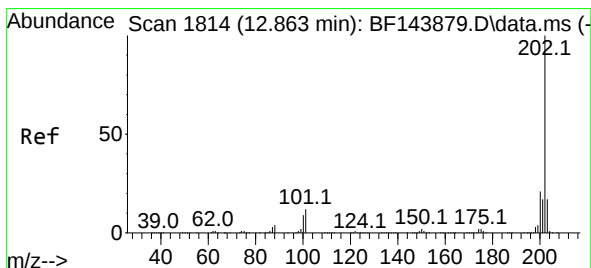
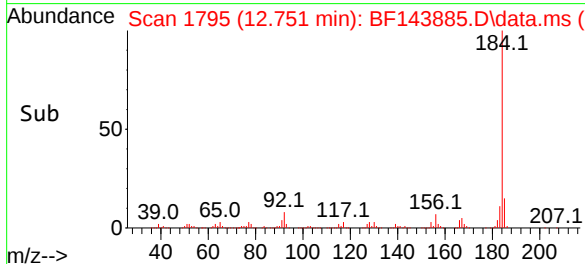
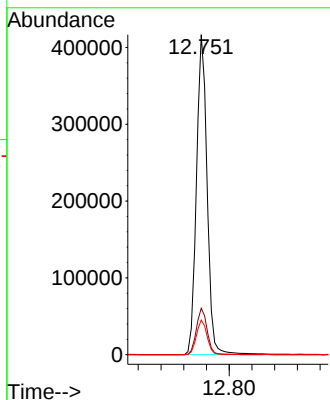
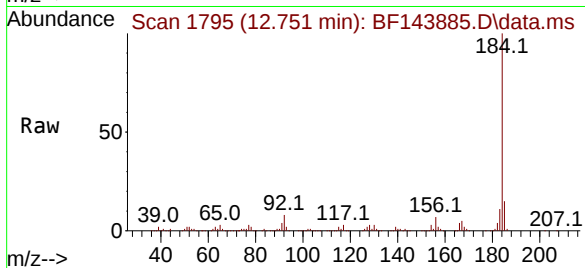




#77  
Benzidine  
Concen: 50.207 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

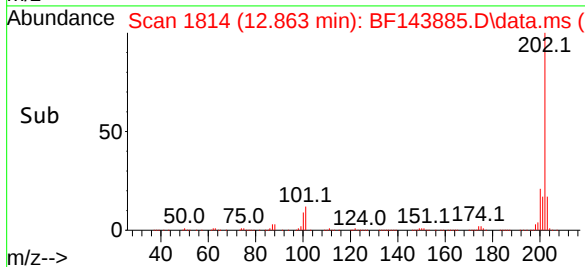
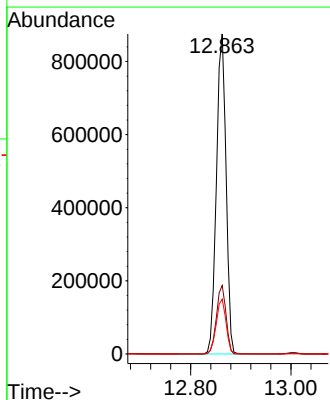
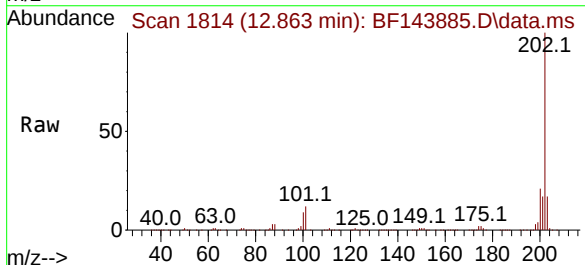
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

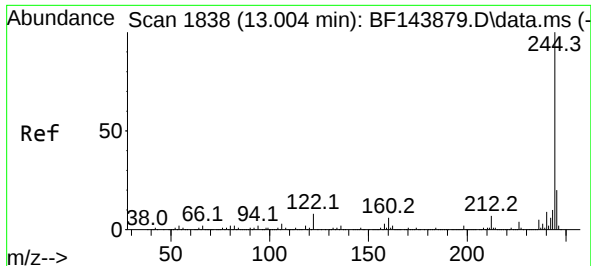
Tgt Ion:184 Resp: 545801  
Ion Ratio Lower Upper  
184 100  
185 14.5 12.6 18.8  
183 10.8 8.8 13.2



#78  
Pyrene  
Concen: 44.473 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

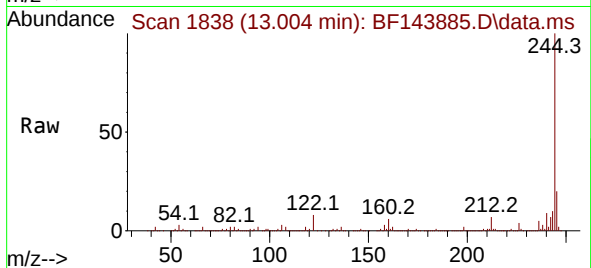
Tgt Ion:202 Resp: 1160821  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.0 25.6  
203 17.1 13.8 20.6



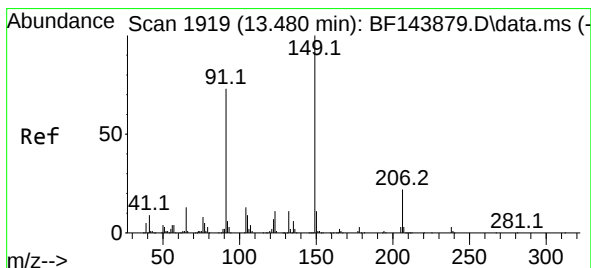
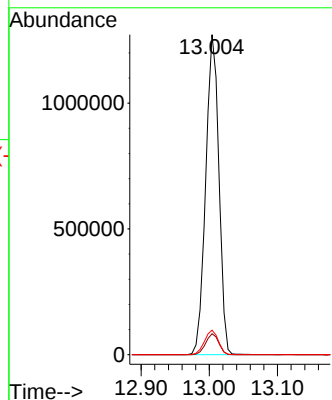
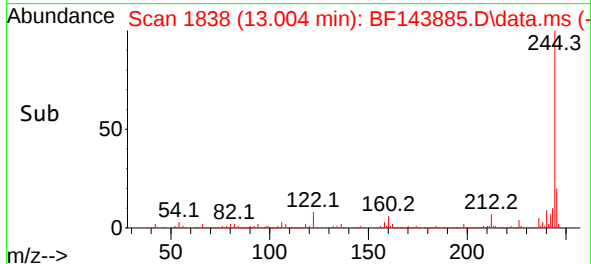


#79  
 Terphenyl-d14  
 Concen: 93.576 ng  
 RT: 13.004 min Scan# 1838  
 Delta R.T. -0.006 min  
 Lab File: BF143885.D  
 Acq: 06 Oct 2025 17:07

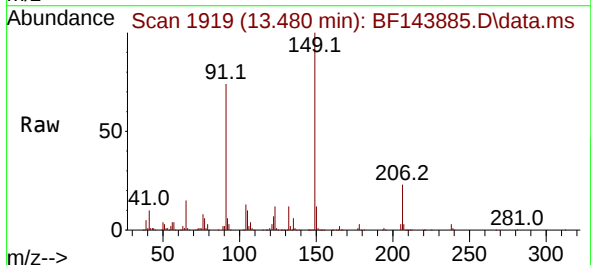
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169953BS



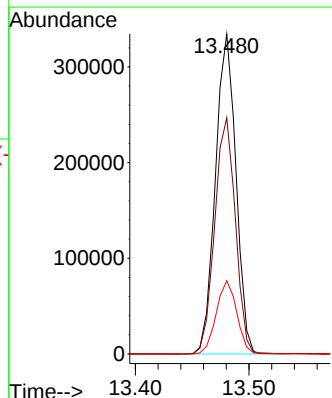
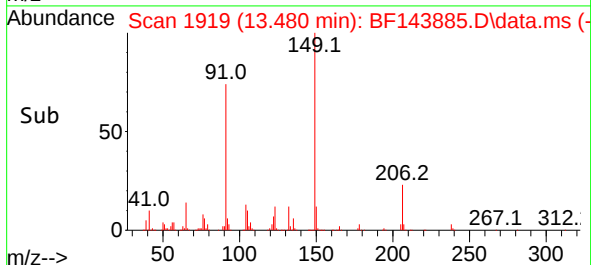
Tgt Ion:244 Resp: 1714207  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.4 8.0  
 122 7.7 6.4 9.6

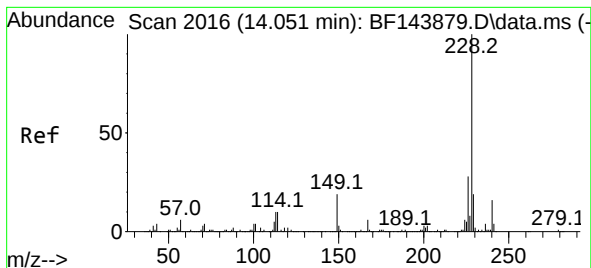


#80  
 Butylbenzylphthalate  
 Concen: 49.572 ng  
 RT: 13.480 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BF143885.D  
 Acq: 06 Oct 2025 17:07



Tgt Ion:149 Resp: 420214  
 Ion Ratio Lower Upper  
 149 100  
 91 73.8 58.2 87.2  
 206 22.9 17.9 26.9





#81

Benzo(a)anthracene

Concen: 44.065 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

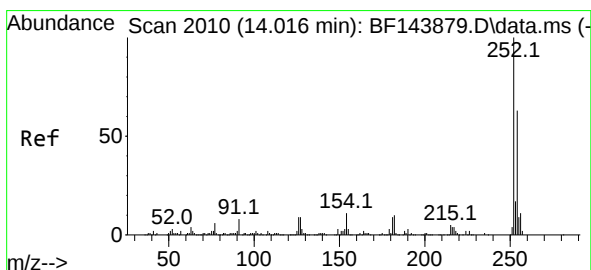
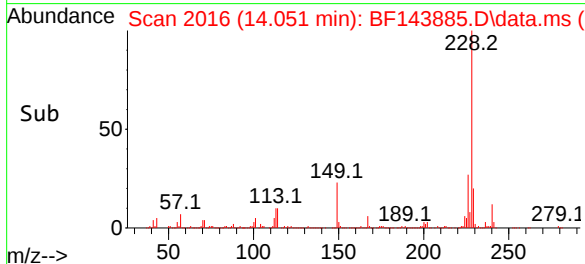
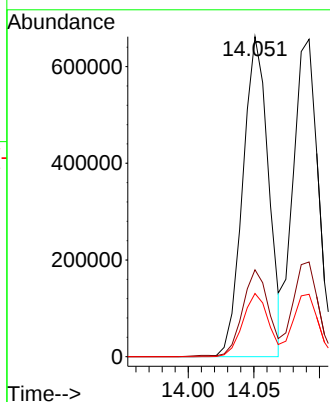
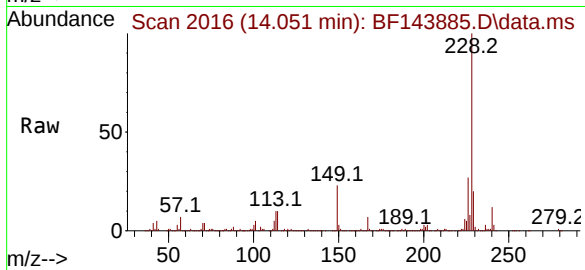
Tgt Ion:228 Resp: 902828

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 34.670 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

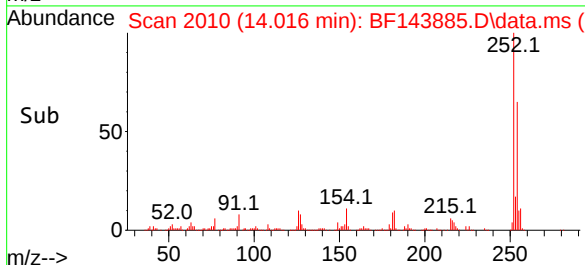
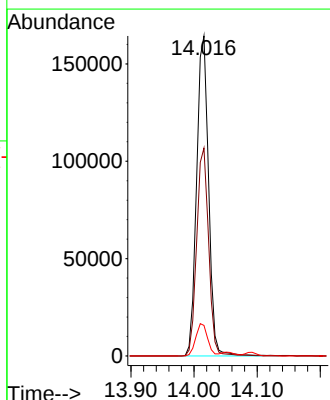
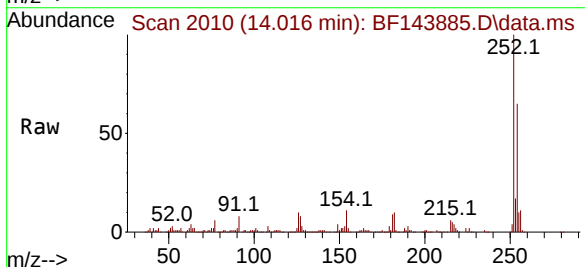
Tgt Ion:252 Resp: 216473

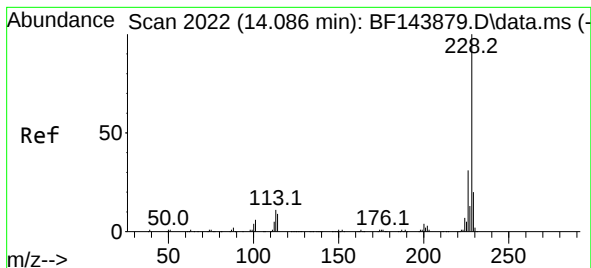
Ion Ratio Lower Upper

252 100

254 65.0 50.6 76.0

126 9.6 7.0 10.6





#83

Chrysene

Concen: 45.748 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA\_F

ClientSampleId :

PB169953BS

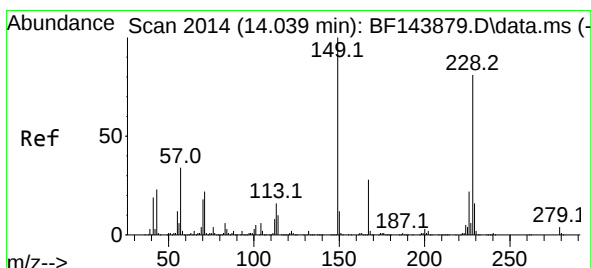
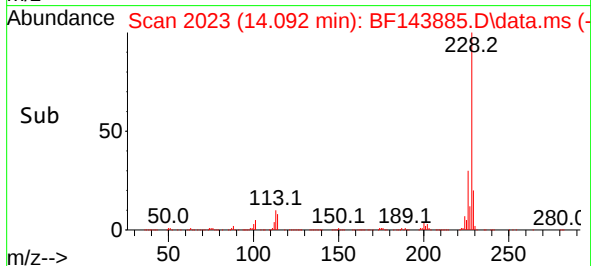
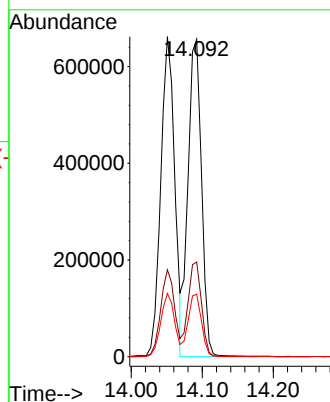
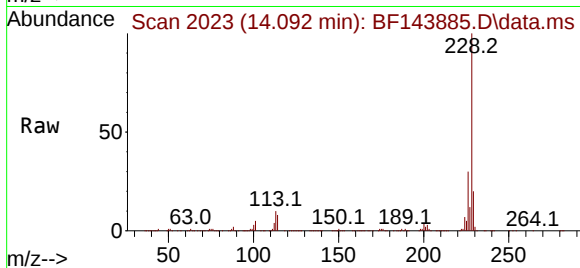
Tgt Ion:228 Resp: 867498

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.638 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

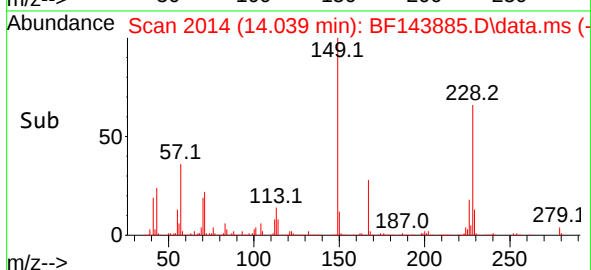
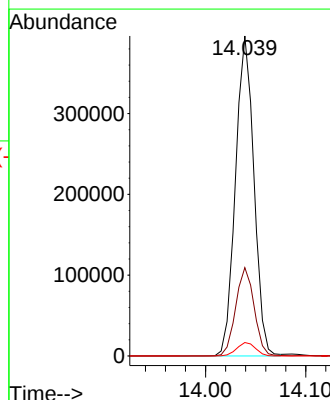
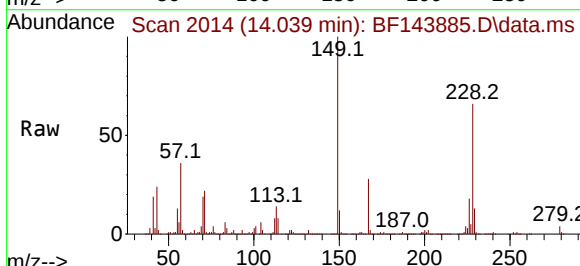
Tgt Ion:149 Resp: 507223

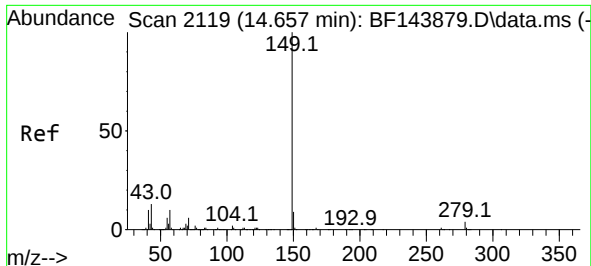
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 4.2 3.1 4.7

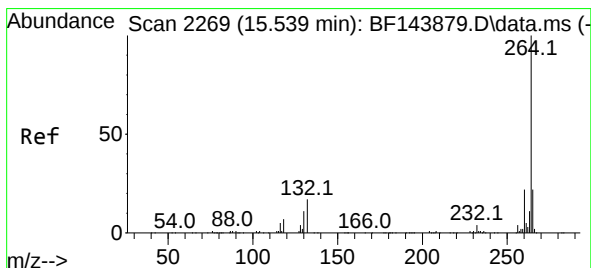
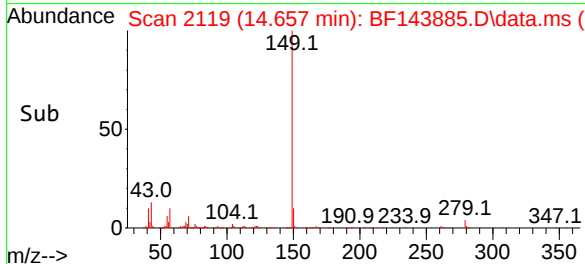
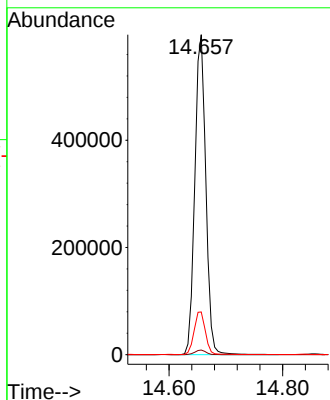
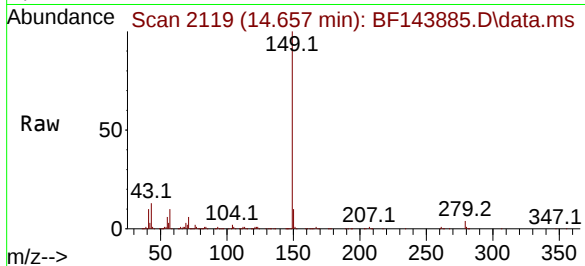




#85  
Di-n-octyl phthalate  
Concen: 47.960 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

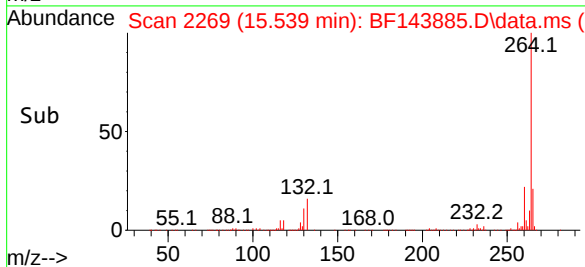
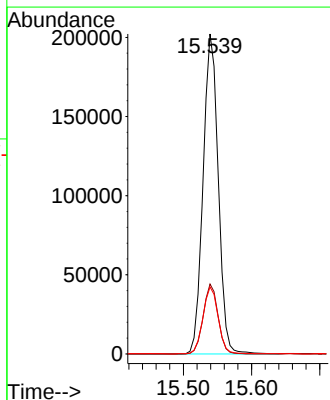
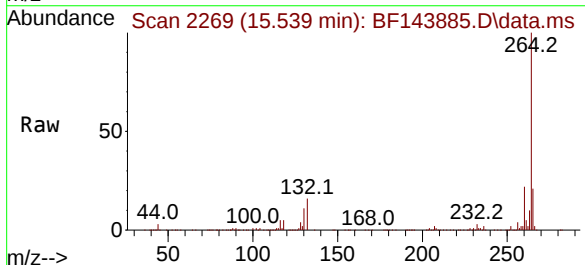
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

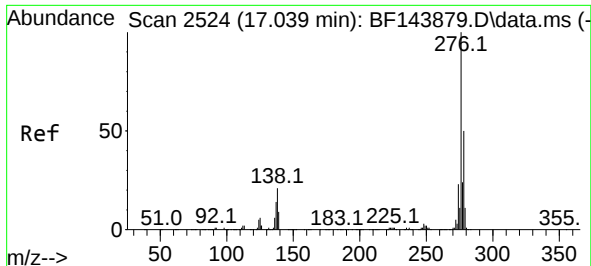
Tgt Ion:149 Resp: 804918  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 13.6 11.0 16.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:264 Resp: 313555  
Ion Ratio Lower Upper  
264 100  
260 21.9 17.8 26.8  
265 21.0 17.5 26.3

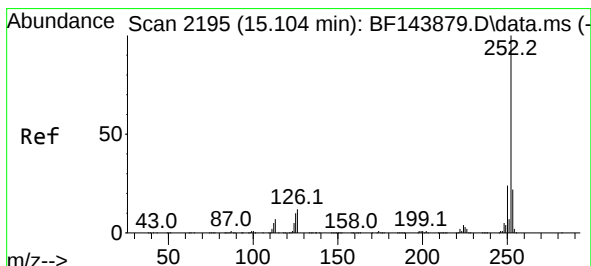
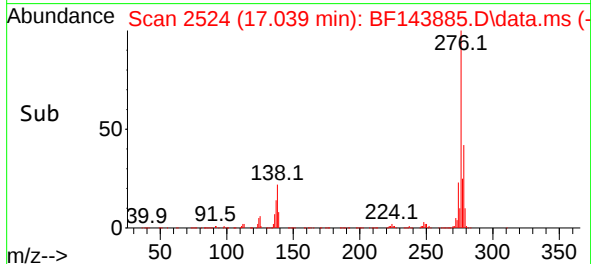
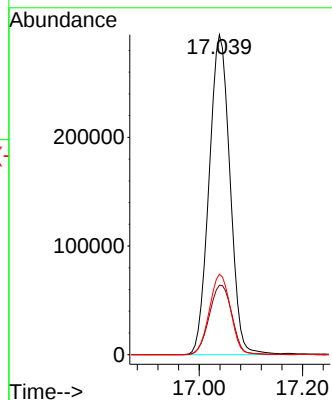
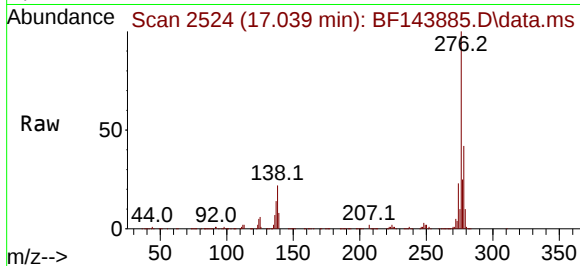




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.019 ng  
RT: 17.039 min Scan# 21  
Delta R.T. -0.017 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

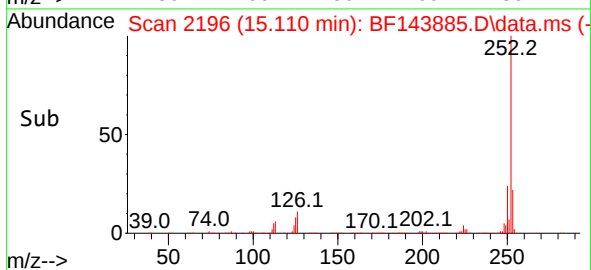
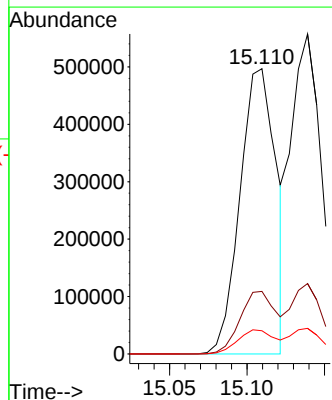
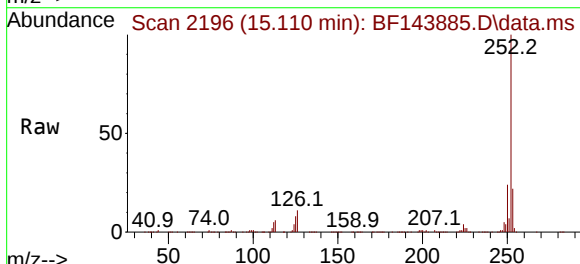
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

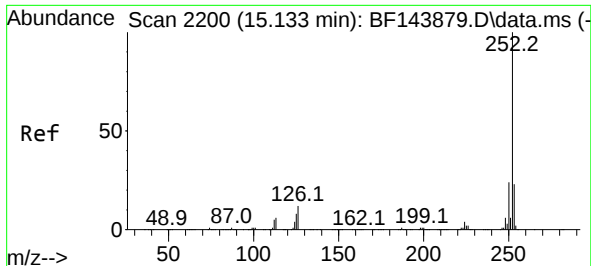
Tgt Ion:276 Resp: 826525  
Ion Ratio Lower Upper  
276 100  
138 23.7 18.2 27.2  
277 25.6 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 44.624 ng  
RT: 15.110 min Scan# 2196  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:252 Resp: 803754  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 8.1 7.8 11.6

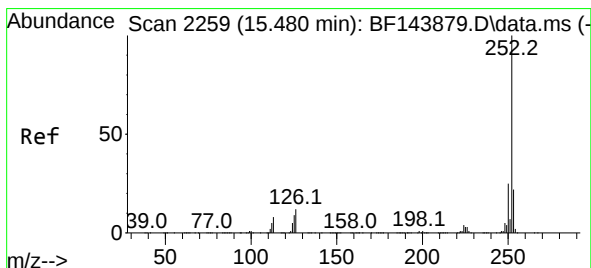
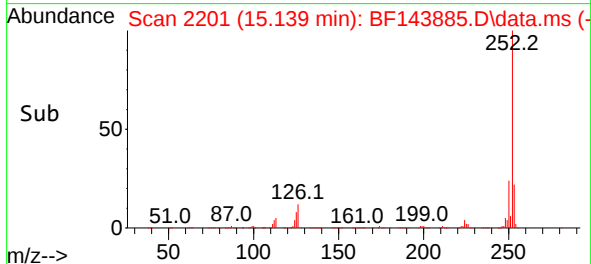
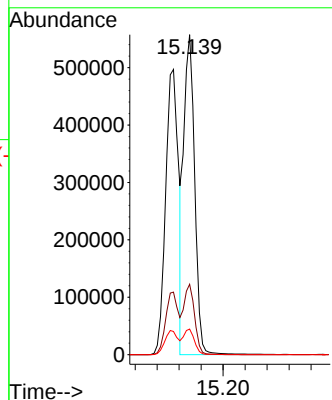
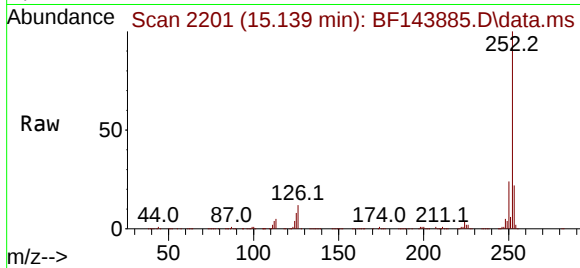




#89  
Benzo(k)fluoranthene  
Concen: 46.172 ng  
RT: 15.139 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

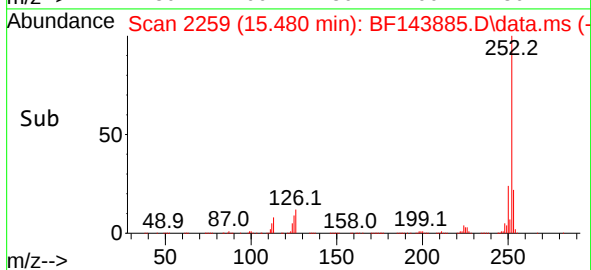
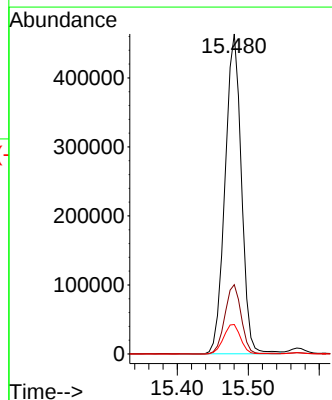
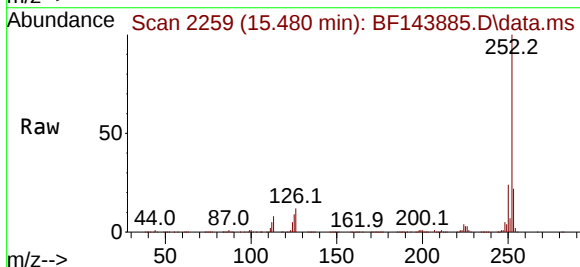
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ClientSampleId :  
PB169953BS

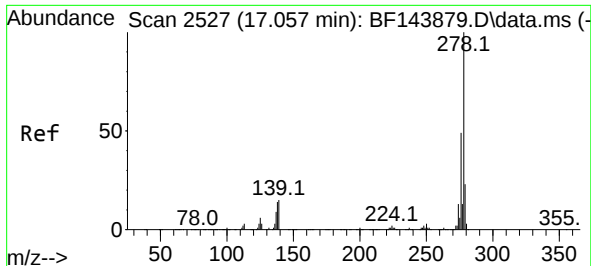
Tgt Ion:252 Resp: 769528  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 8.0 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 47.239 ng  
RT: 15.480 min Scan# 2259  
Delta R.T. -0.006 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:252 Resp: 737762  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.3 25.9  
125 9.2 7.0 10.4

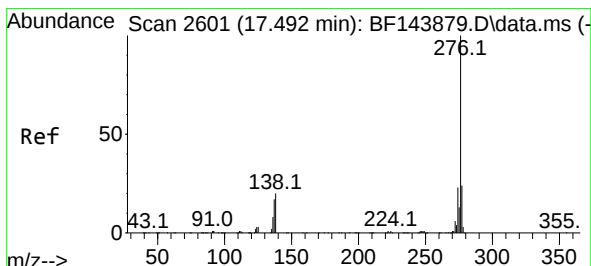
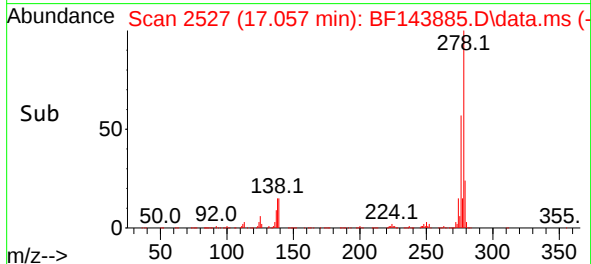
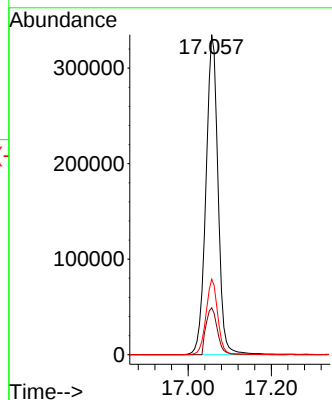
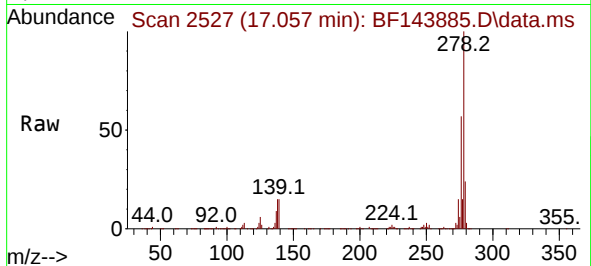




#91  
Dibenzo(a,h)anthracene  
Concen: 43.889 ng  
RT: 17.057 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BS

Tgt Ion:278 Resp: 678186  
Ion Ratio Lower Upper  
278 100  
139 14.7 11.7 17.5  
279 23.6 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 44.693 ng  
RT: 17.492 min Scan# 2601  
Delta R.T. -0.023 min  
Lab File: BF143885.D  
Acq: 06 Oct 2025 17:07

Tgt Ion:276 Resp: 690608  
Ion Ratio Lower Upper  
276 100  
277 22.6 19.0 28.6  
138 21.2 16.1 24.1

