

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120425\  
 Data File : BF144428.D  
 Acq On : 04 Dec 2025 13:59  
 Operator : RC/JU  
 Sample : PB170823BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170823BS

Quant Time: Dec 04 14:18:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 45585    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.145  | 136  | 171659   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.904  | 164  | 85775    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 129624   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.045 | 240  | 98469    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 130752   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 337993   | 116.029 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 373277   | 113.091 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 234243   | 78.811  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 112006   | 104.058 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 484915   | 83.496  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 414241   | 66.821  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 49728    | 41.291  | ng    | 99       |
| 3) Pyridine                   | 3.446  | 79   | 121707   | 36.223  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 74748    | 42.590  | ng    | 95       |
| 6) Aniline                    | 6.528  | 93   | 139729   | 29.713  | ng    | # 87     |
| 8) 2-Chlorophenol             | 6.651  | 128  | 123148   | 43.108  | ng    | 98       |
| 9) Benzaldehyde               | 6.416  | 77   | 65619    | 35.207  | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 164044   | 40.678  | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 126498   | 43.048  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 151024   | 42.842  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 155435   | 44.012  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 148713   | 43.933  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 110526   | 42.289  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 225915   | 41.749  | ng    | 88       |
| 17) 2-Methylphenol            | 7.122  | 107  | 97113    | 42.731  | ng    | 96       |
| 18) Hexachloroethane          | 7.369  | 117  | 49984    | 42.600  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 88335    | 40.654  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 113369   | 42.317  | ng    | # 86     |
| 22) Acetophenone              | 7.269  | 105  | 173523   | 47.121  | ng    | 99       |
| 24) Nitrobenzene              | 7.445  | 77   | 135695   | 42.049  | ng    | 98       |
| 25) Isophorone                | 7.681  | 82   | 235502   | 41.890  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 68031    | 42.587  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 111225   | 46.453  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 147231   | 41.938  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 112716   | 40.844  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.086  | 180  | 122199   | 43.123  | ng    | 95       |
| 31) Naphthalene               | 8.169  | 128  | 341163   | 41.780  | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 71320    | 40.636  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 67651    | 22.716  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.281  | 225  | 85174    | 39.882  | ng    | 98       |
| 35) Caprolactam               | 8.586  | 113  | 28341    | 37.485  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 95830    | 38.747  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 202921   | 37.168  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 205397   | 38.991  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 135924   | 48.352  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 75261    | 71.589  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 79287    | 41.440  | ng    | 99       |

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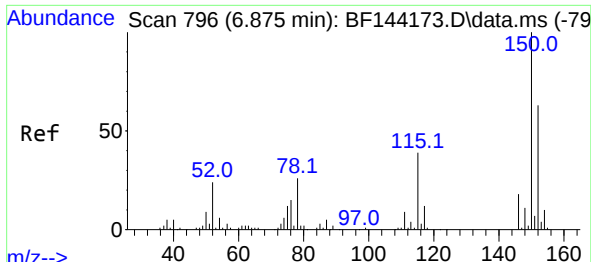
Quant Time: Dec 04 14:18:54 2025  
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 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 83331    | 40.411 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 289608   | 48.370 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 223205   | 43.703 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 64171    | 43.546 | ng    | 100      |
| 49) Acenaphthylene            | 9.763  | 152  | 337415   | 48.480 | ng    | 99       |
| 50) Dimethylphthalate         | 9.622  | 163  | 236772   | 41.667 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 50865    | 44.219 | ng    | 94       |
| 52) Acenaphthene              | 9.933  | 154  | 185187   | 39.790 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.863  | 138  | 36006    | 28.634 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 46075    | 66.331 | ng    | 94       |
| 55) Dibenzofuran              | 10.110 | 168  | 273180   | 41.910 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 49092    | 53.971 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 62962    | 40.887 | ng    | 95       |
| 58) Fluorene                  | 10.451 | 166  | 206035   | 41.573 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 60616    | 41.548 | ng    | # 99     |
| 60) Diethylphthalate          | 10.322 | 149  | 205355   | 39.202 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 113341   | 40.149 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 42483    | 35.476 | ng    | 94       |
| 63) Azobenzene                | 10.604 | 77   | 200654   | 41.158 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 34209    | 38.848 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 196469   | 47.126 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 71654    | 43.308 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.004 | 284  | 85456    | 43.850 | ng    | 94       |
| 69) Atrazine                  | 11.086 | 200  | 55464    | 41.833 | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 69681    | 71.804 | ng    | 98       |
| 71) Phenanthrene              | 11.416 | 178  | 285375   | 44.218 | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 283135   | 43.145 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 237642   | 42.586 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 267557   | 39.662 | ng    | 98       |
| 75) Fluoranthene              | 12.610 | 202  | 279233   | 41.884 | ng    | 99       |
| 77) Benzidine                 | 12.739 | 184  | 57861    | 19.865 | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 285762   | 35.993 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 102556   | 37.270 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 294104   | 43.094 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 84287    | 36.031 | ng    | 97       |
| 83) Chrysene                  | 14.068 | 228  | 274331   | 43.544 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 141564   | 37.581 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 268601   | 41.328 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 406955   | 43.358 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 332732   | 44.761 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 332921   | 47.849 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.462 | 252  | 335262   | 48.888 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 331955   | 44.038 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 334996   | 45.004 | ng    | 100      |

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

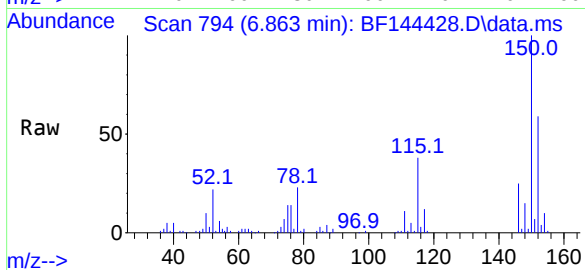
Quant Time: Dec 04 14:18:54 2025  
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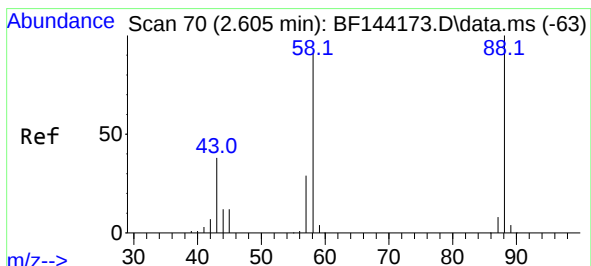
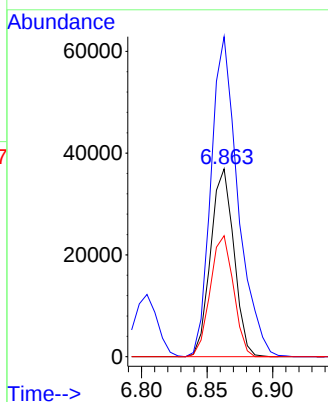
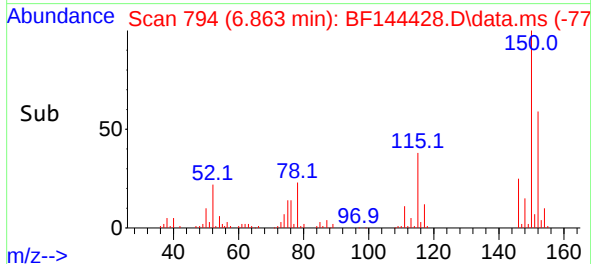


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 79  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

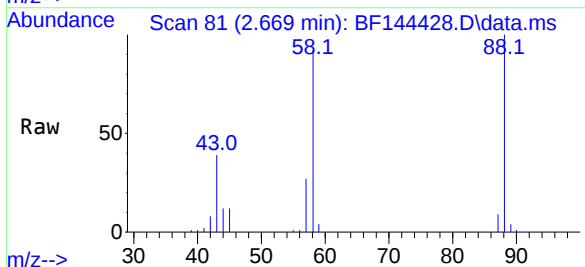
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS



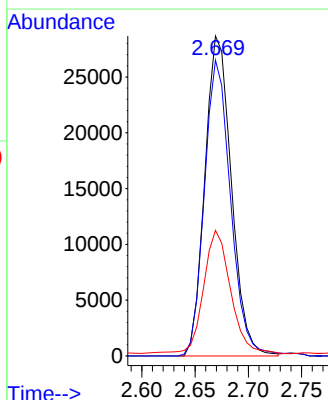
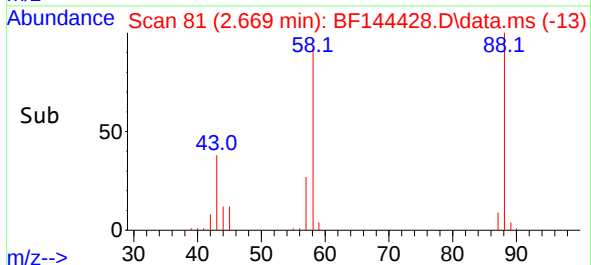
Tgt Ion:152 Resp: 45585  
Ion Ratio Lower Upper  
152 100  
150 170.3 127.4 191.0  
115 64.4 49.5 74.3

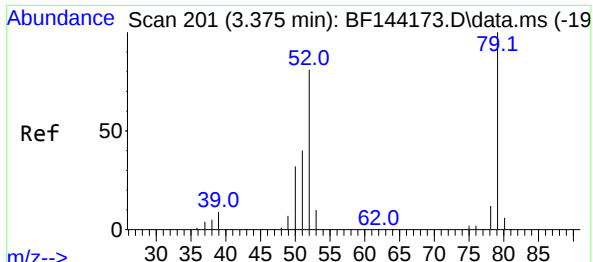


#2  
1,4-Dioxane  
Concen: 41.291 ng  
RT: 2.669 min Scan# 81  
Delta R.T. 0.053 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59



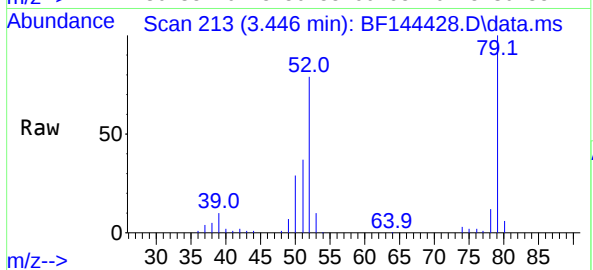
Tgt Ion: 88 Resp: 49728  
Ion Ratio Lower Upper  
88 100  
58 91.8 73.1 109.7  
43 39.3 31.0 46.6





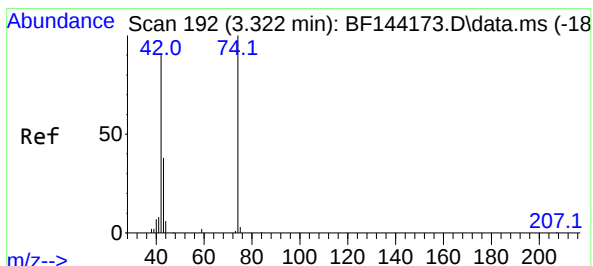
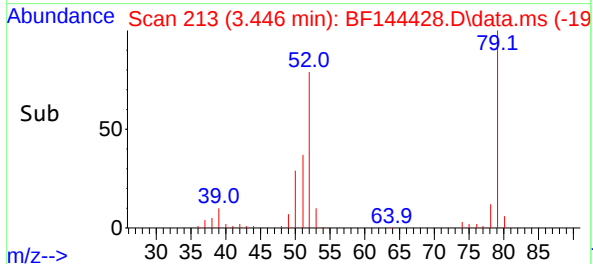
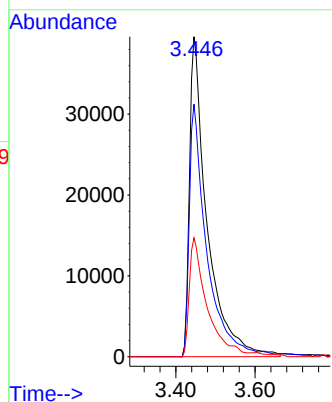
#3  
Pyridine  
Concen: 36.223 ng  
RT: 3.446 min Scan# 213  
Delta R.T. 0.035 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS



Tgt Ion: 79 Resp: 121707

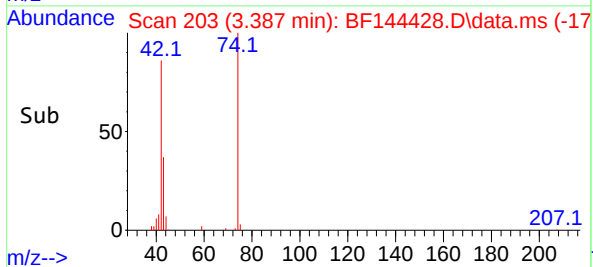
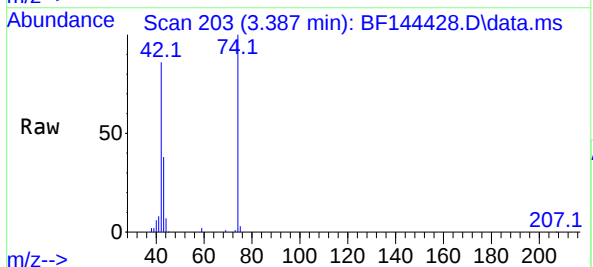
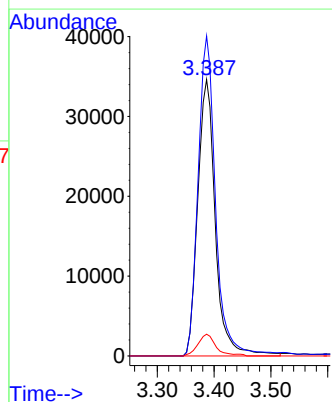
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 78.9  | 64.5  | 96.7  |
| 51  | 37.1  | 31.7  | 47.5  |

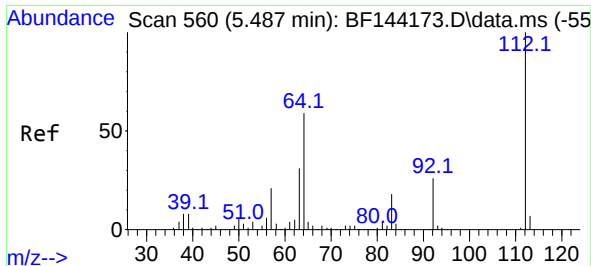


#4  
n-Nitrosodimethylamine  
Concen: 42.590 ng  
RT: 3.387 min Scan# 203  
Delta R.T. 0.041 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion: 42 Resp: 74748

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 115.8 | 88.2  | 132.4 |
| 44  | 7.9   | 5.7   | 8.5   |

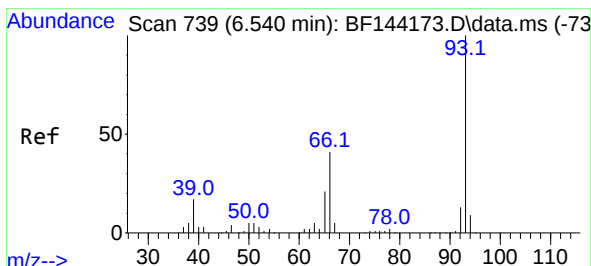
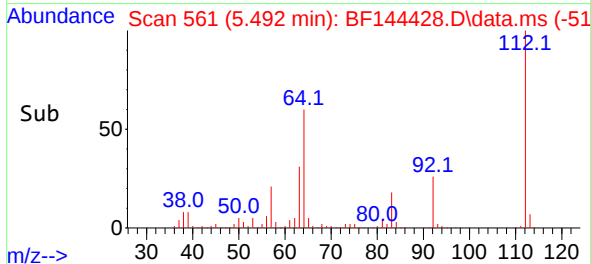
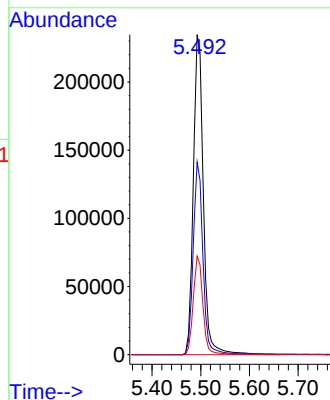
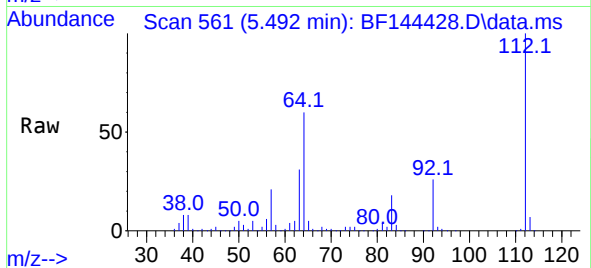




#5  
2-Fluorophenol  
Concen: 116.029 ng  
RT: 5.492 min Scan# 501  
Delta R.T. -0.000 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

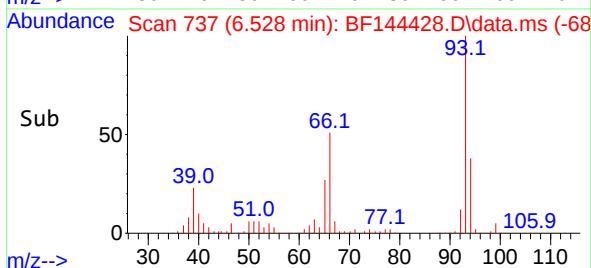
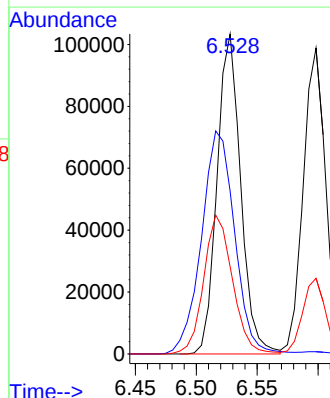
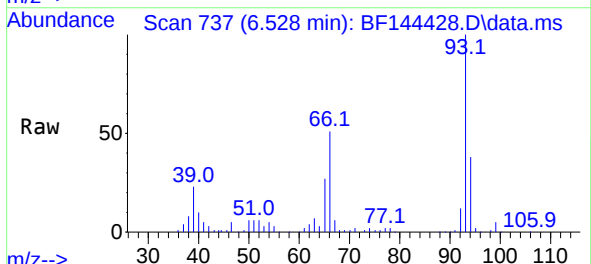
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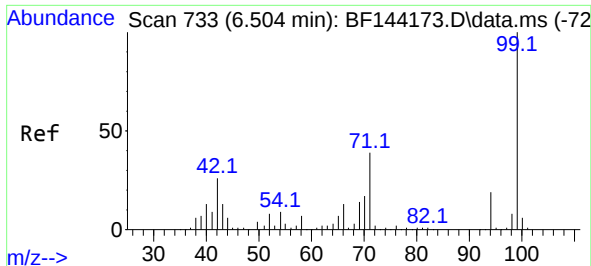
Tgt Ion:112 Resp: 337993  
Ion Ratio Lower Upper  
112 100  
64 60.2 47.2 70.8  
63 30.8 24.4 36.6



#6  
Aniline  
Concen: 29.713 ng  
RT: 6.528 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion: 93 Resp: 139729  
Ion Ratio Lower Upper  
93 100  
66 50.9 34.3 51.5  
65 27.3 16.9 25.3#

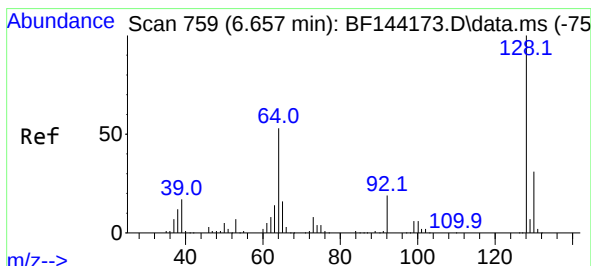
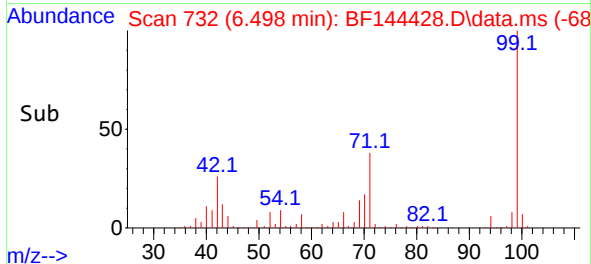
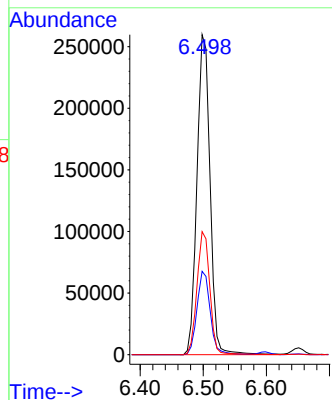
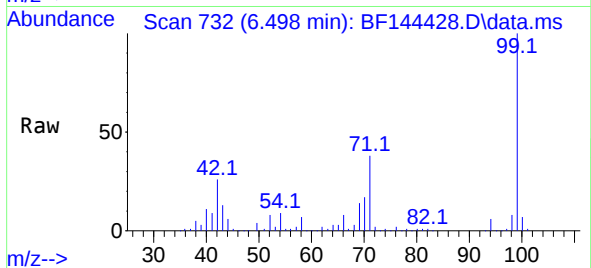




#7  
Phenol-d6  
Concen: 113.091 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

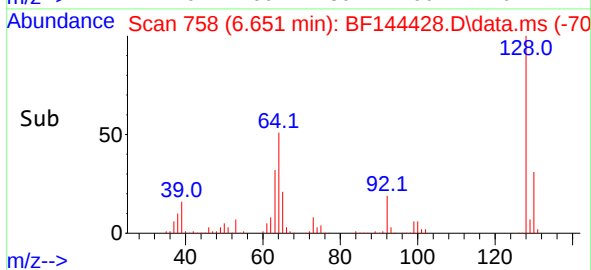
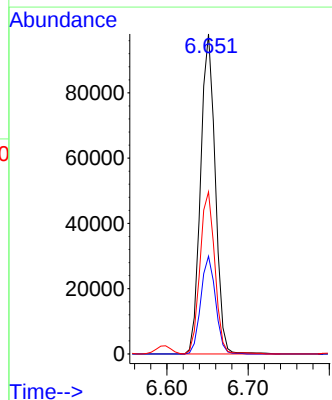
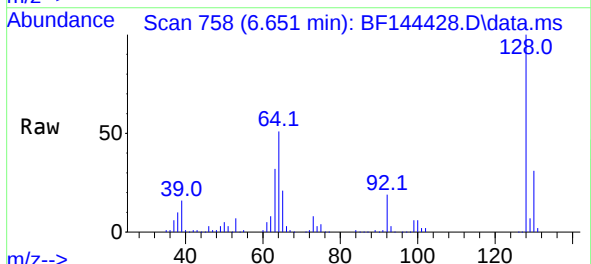
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

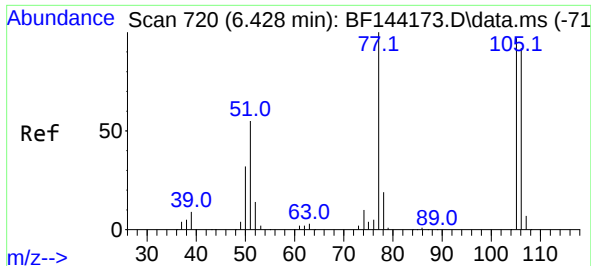
Tgt Ion: 99 Resp: 373277  
Ion Ratio Lower Upper  
99 100  
42 26.0 20.9 31.3  
71 38.5 31.4 47.2



#8  
2-Chlorophenol  
Concen: 43.108 ng  
RT: 6.651 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:128 Resp: 123148  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.5 50.5  
64 50.6 33.2 73.2

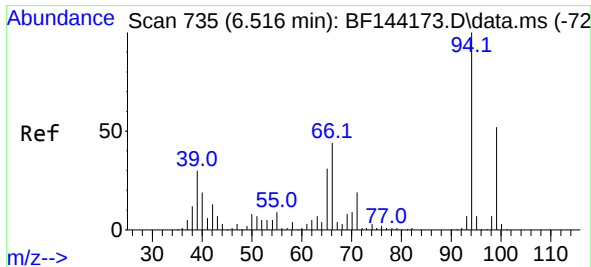
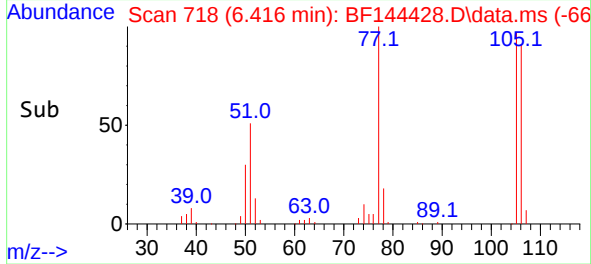
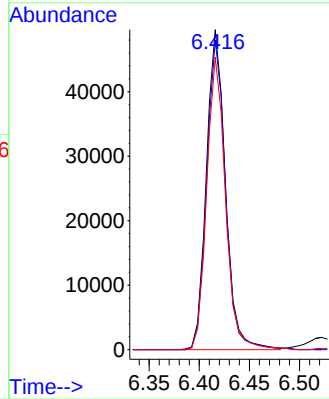
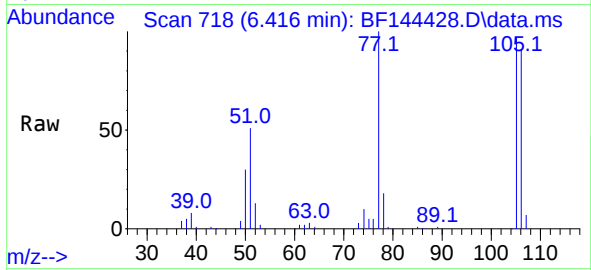




#9  
Benzaldehyde  
Concen: 35.207 ng  
RT: 6.416 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

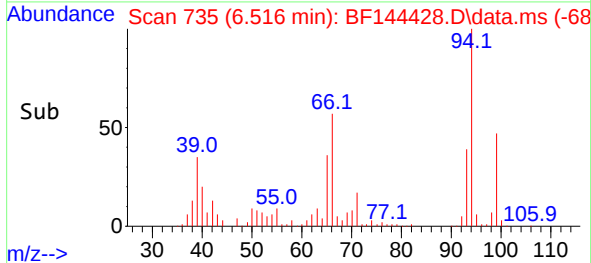
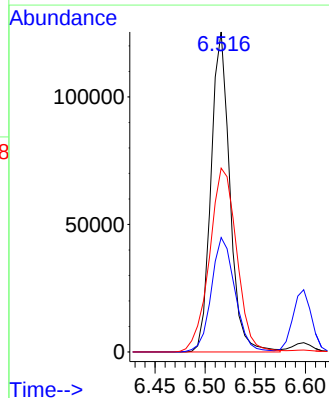
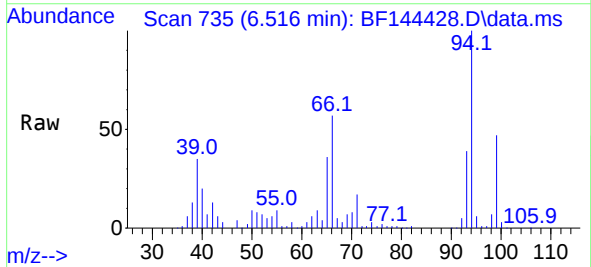
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

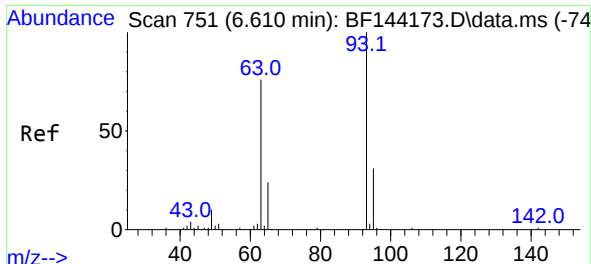
Tgt Ion: 77 Resp: 65619  
Ion Ratio Lower Upper  
77 100  
105 96.8 77.2 117.2  
106 91.4 72.2 112.2



#10  
Phenol  
Concen: 40.678 ng  
RT: 6.516 min Scan# 735  
Delta R.T. 0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion: 94 Resp: 164044  
Ion Ratio Lower Upper  
94 100  
65 35.8 10.8 50.8  
66 57.4 24.3 64.3



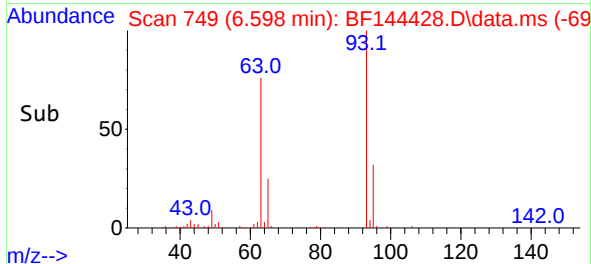
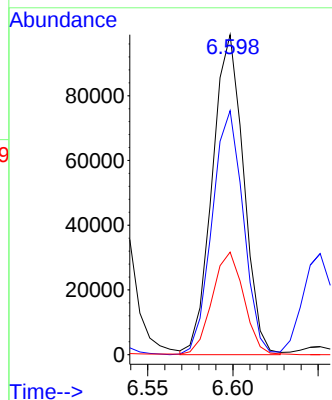
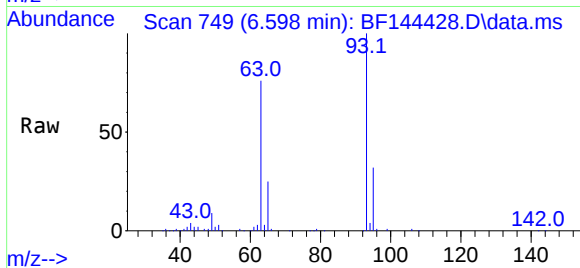


#11  
bis(2-Chloroethyl)ether  
Concen: 43.048 ng  
RT: 6.598 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

Tgt Ion: 93 Resp: 126498  

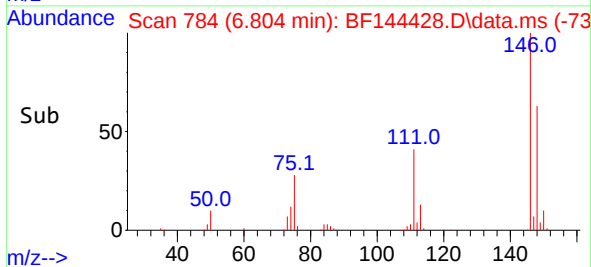
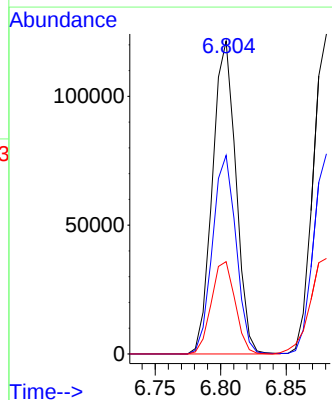
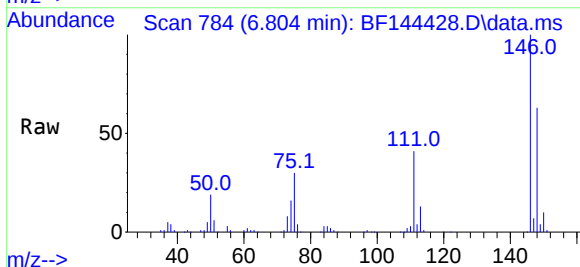
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 76.3  | 55.2  | 95.2  |
| 95  | 32.1  | 11.2  | 51.2  |



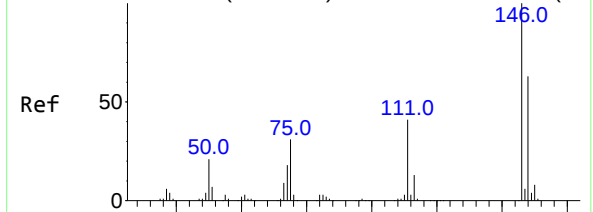
#12  
1,3-Dichlorobenzene  
Concen: 42.842 ng  
RT: 6.804 min Scan# 784  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:146 Resp: 151024  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.5  | 51.8  | 77.8  |
| 75  | 29.5  | 25.0  | 37.4  |

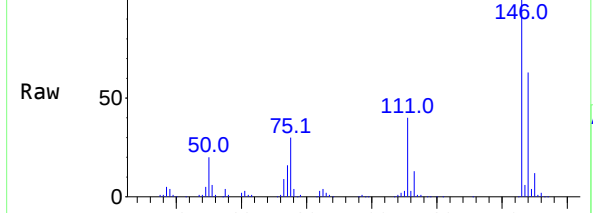


Abundance Scan 799 (6.893 min): BF144173.D\data.ms (-79



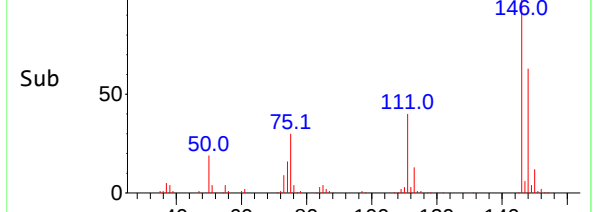
m/z-->

Abundance Scan 797 (6.881 min): BF144428.D\data.ms



m/z-->

Abundance Scan 797 (6.881 min): BF144428.D\data.ms (-74



m/z-->

#13

1,4-Dichlorobenzene

Concen: 44.012 ng

RT: 6.881 min Scan# 797

Delta R.T. -0.012 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

Instrument :

BNA\_F

ClientSampleId :

PB170823BS

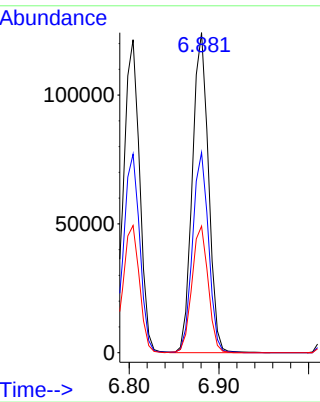
Tgt Ion:146 Resp: 155435

Ion Ratio Lower Upper

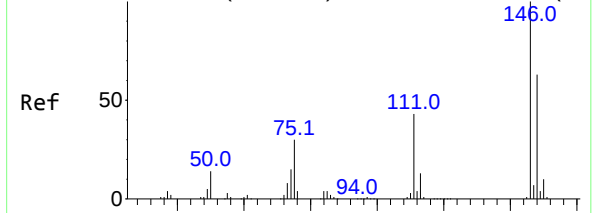
146 100

148 62.5 50.2 75.2

111 39.5 32.6 48.8

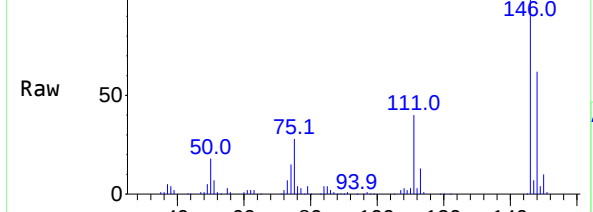


Abundance Scan 825 (7.045 min): BF144173.D\data.ms (-81



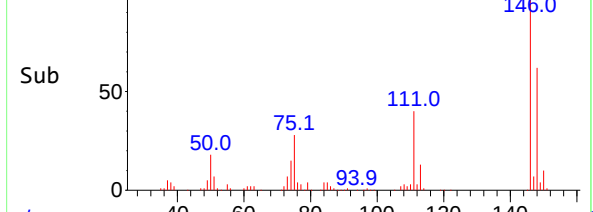
m/z-->

Abundance Scan 823 (7.034 min): BF144428.D\data.ms



m/z-->

Abundance Scan 823 (7.034 min): BF144428.D\data.ms (-77



m/z-->

#14

1,2-Dichlorobenzene

Concen: 43.933 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

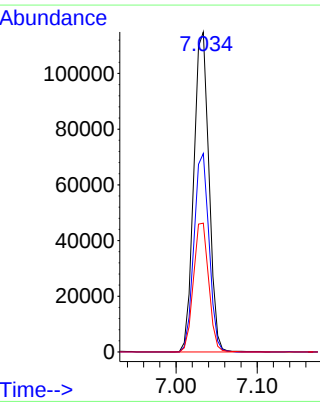
Tgt Ion:146 Resp: 148713

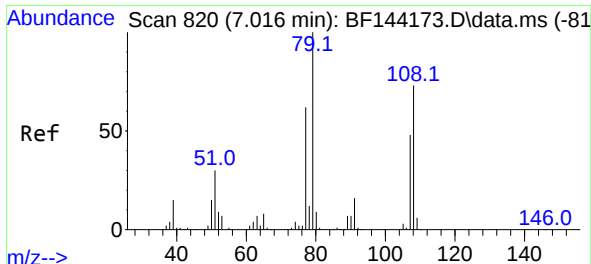
Ion Ratio Lower Upper

146 100

148 62.0 50.7 76.1

111 40.2 34.2 51.4

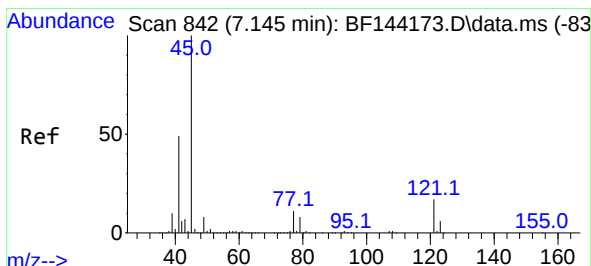
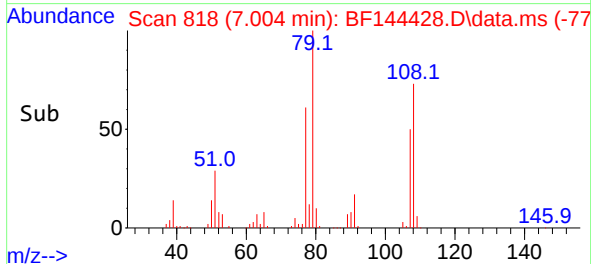
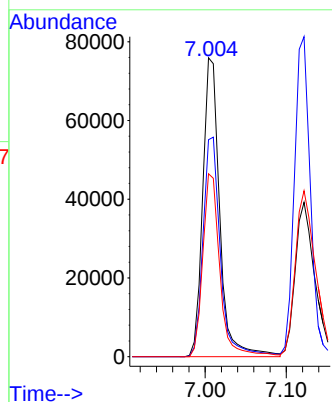
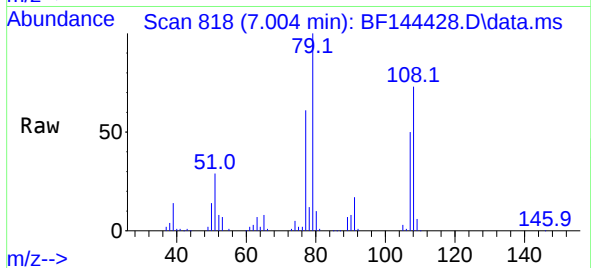




#15  
Benzyl Alcohol  
Concen: 42.289 ng  
RT: 7.004 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

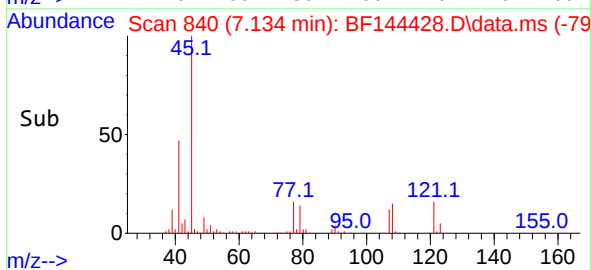
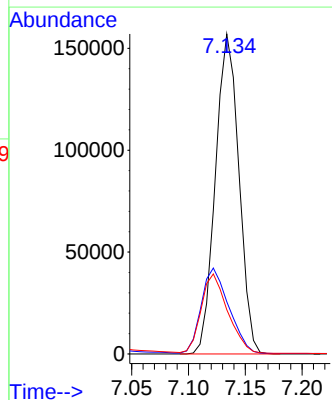
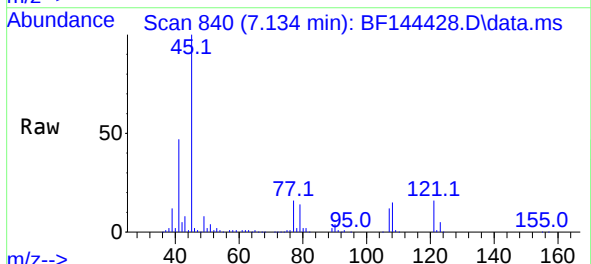
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

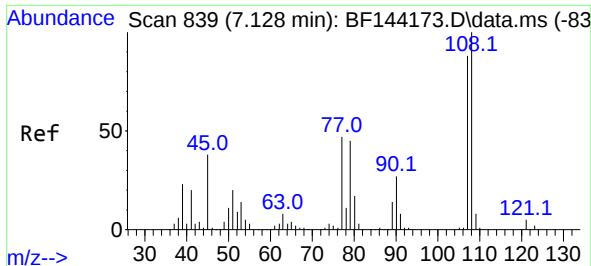
Tgt Ion: 79 Resp: 110526  
Ion Ratio Lower Upper  
79 100  
108 72.6 58.2 87.4  
77 61.2 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.749 ng  
RT: 7.134 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion: 45 Resp: 225915  
Ion Ratio Lower Upper  
45 100  
77 16.4 0.0 31.8  
79 13.9 0.0 29.1



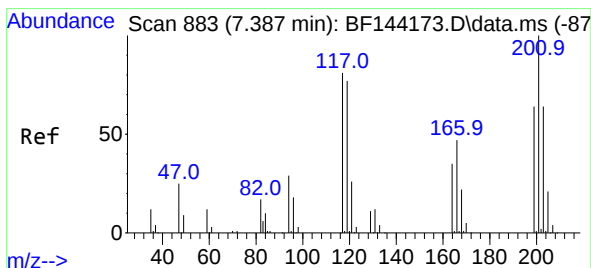
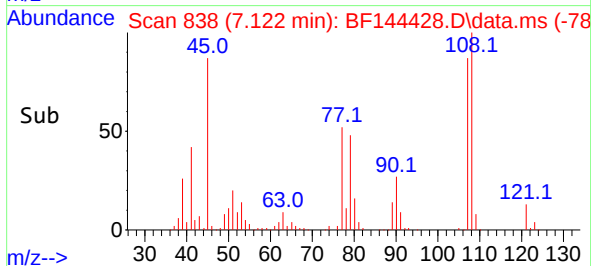
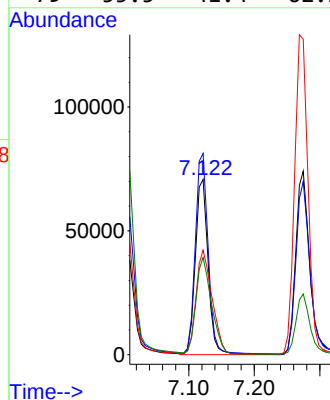
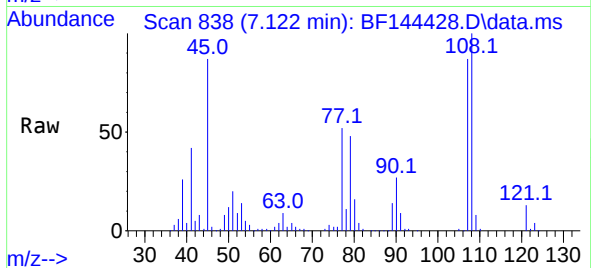


#17  
2-Methylphenol  
Concen: 42.731 ng  
RT: 7.122 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

Tgt Ion:107 Resp: 97113

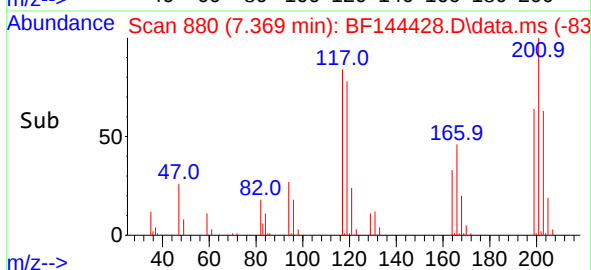
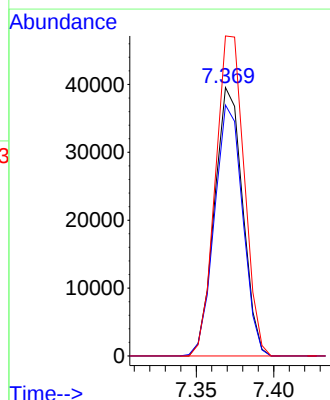
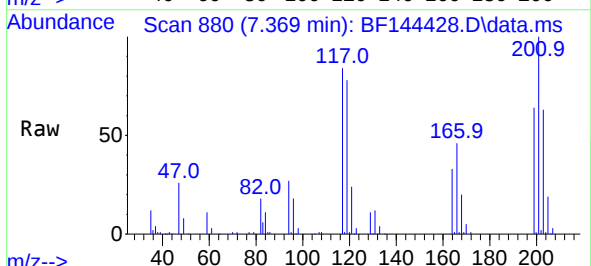
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 114.9 | 91.0  | 136.4 |
| 77  | 59.6  | 42.7  | 64.1  |
| 79  | 55.5  | 41.4  | 62.2  |



#18  
Hexachloroethane  
Concen: 42.600 ng  
RT: 7.369 min Scan# 880  
Delta R.T. -0.018 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:117 Resp: 49984

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.5  | 75.8  | 113.8 |
| 201 | 119.2 | 98.9  | 148.3 |



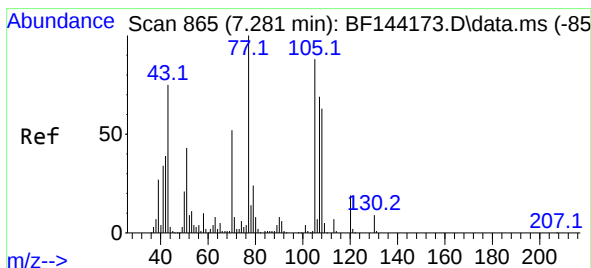
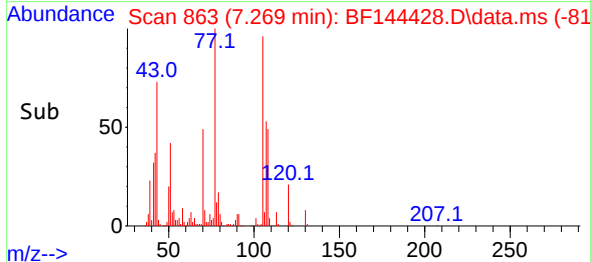
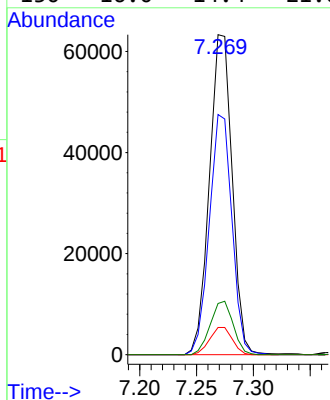
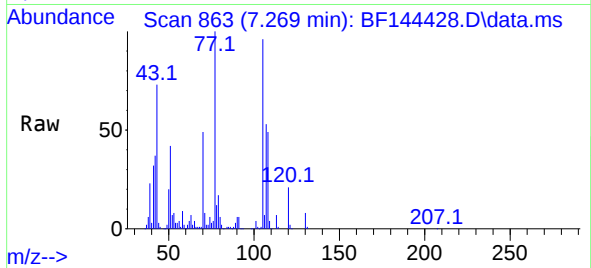


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.654 ng  
RT: 7.269 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

Tgt Ion: 70 Resp: 88335

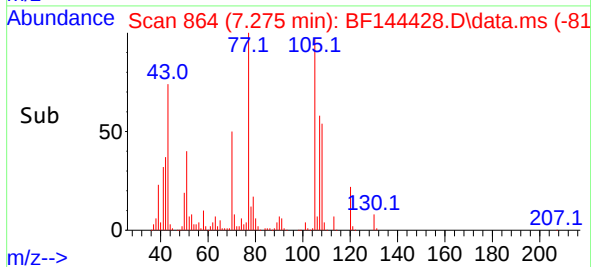
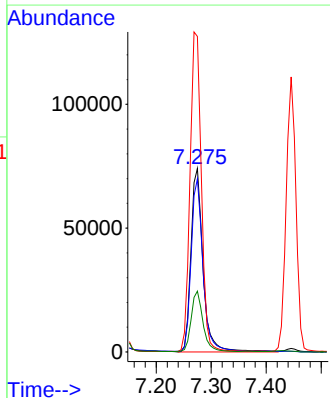
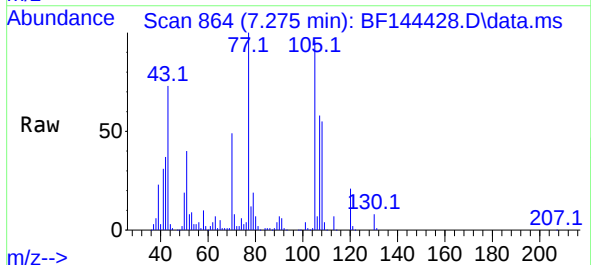
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 75.1  | 58.3  | 87.5  |
| 101 | 8.5   | 7.0   | 10.6  |
| 130 | 16.0  | 14.4  | 21.6  |

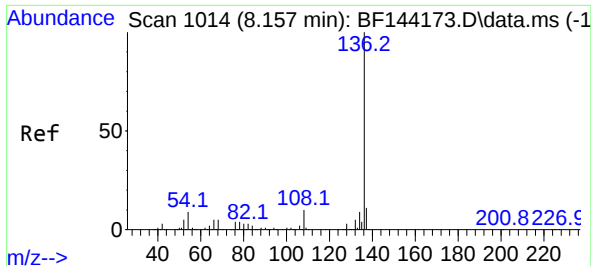


#20  
3+4-Methylphenols  
Concen: 42.317 ng  
RT: 7.275 min Scan# 864  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion: 107 Resp: 113369

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 94.4  | 70.2  | 110.2  |
| 77  | 172.0 | 123.9 | 163.9# |
| 79  | 33.2  | 14.2  | 54.2   |



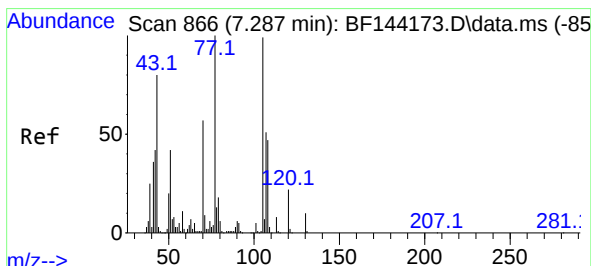
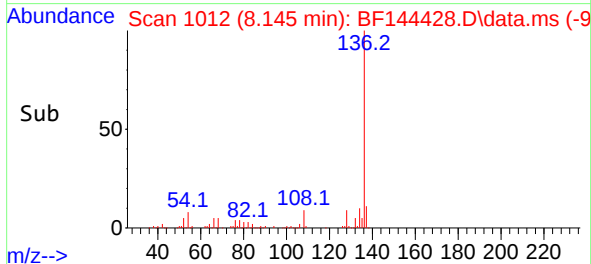
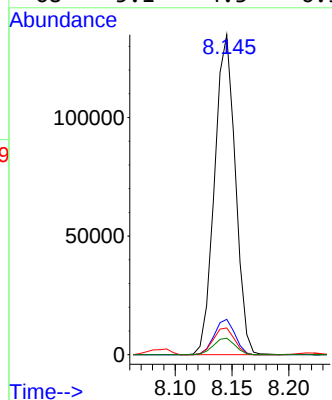
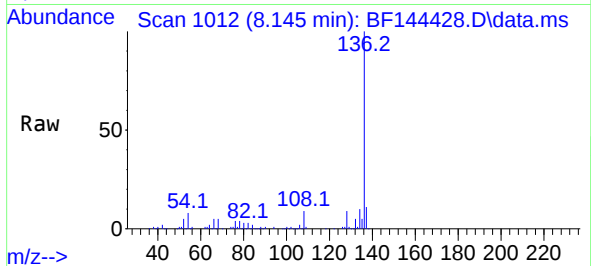


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

Tgt Ion:136 Resp: 171659

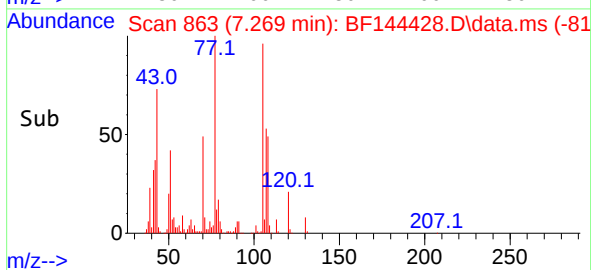
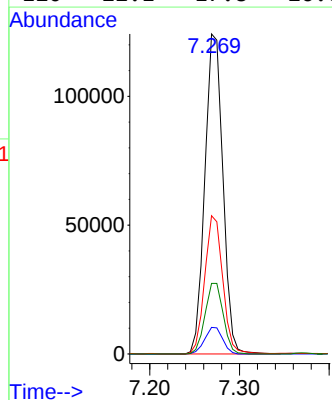
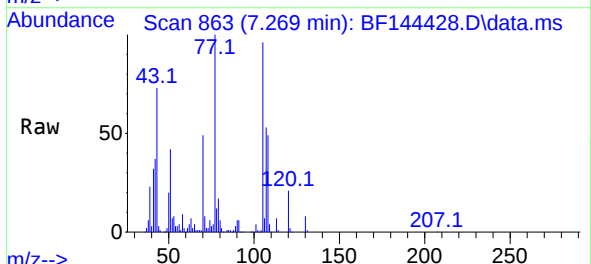
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 8.4   | 7.0   | 10.6  |
| 68  | 5.1   | 4.3   | 6.5   |

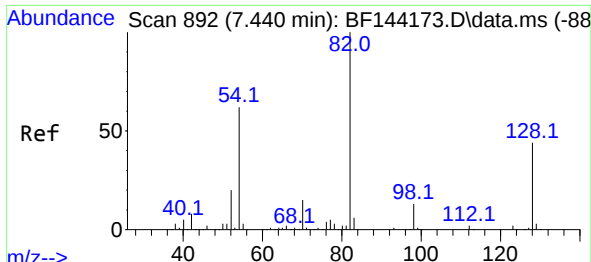


#22  
Acetophenone  
Concen: 47.121 ng  
RT: 7.269 min Scan# 863  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:105 Resp: 173523

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.3   | 7.2   | 10.8  |
| 51  | 43.2  | 34.0  | 51.0  |
| 120 | 22.1  | 17.8  | 26.6  |

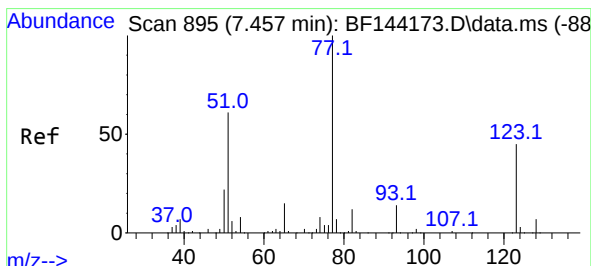
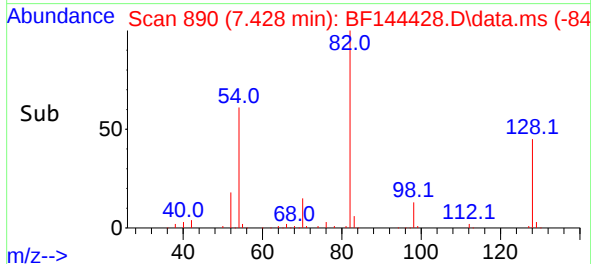
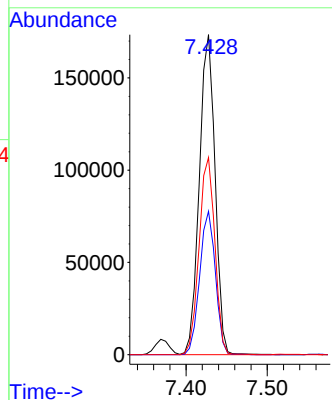
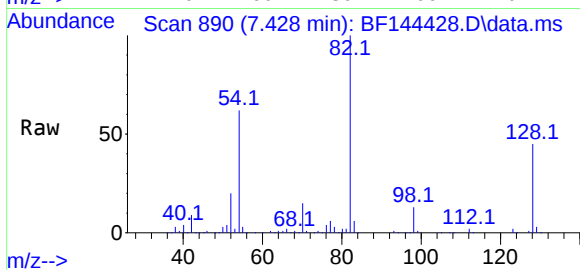




#23  
Nitrobenzene-d5  
Concen: 78.811 ng  
RT: 7.428 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

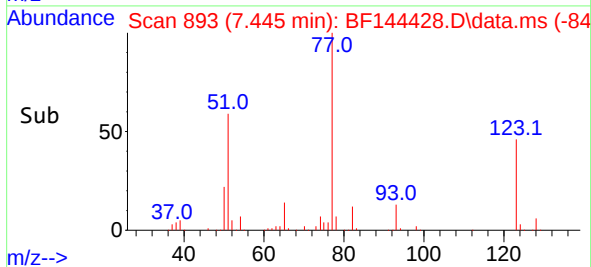
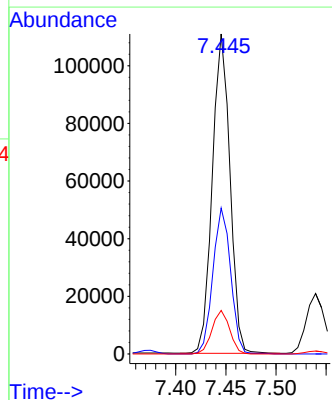
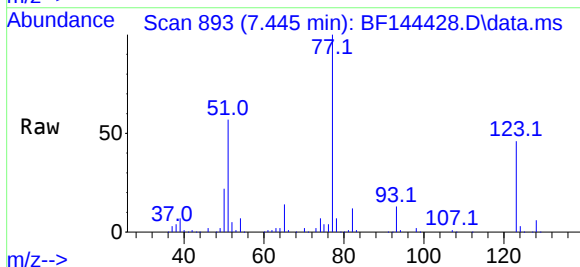
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

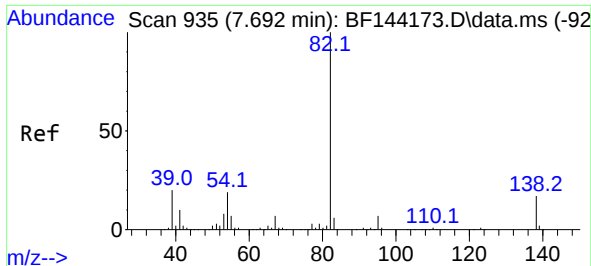
Tgt Ion: 82 Resp: 234243  
Ion Ratio Lower Upper  
82 100  
128 44.8 34.7 52.1  
54 61.6 49.5 74.3



#24  
Nitrobenzene  
Concen: 42.049 ng  
RT: 7.445 min Scan# 893  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion: 77 Resp: 135695  
Ion Ratio Lower Upper  
77 100  
123 45.6 35.8 53.8  
65 13.6 12.2 18.2

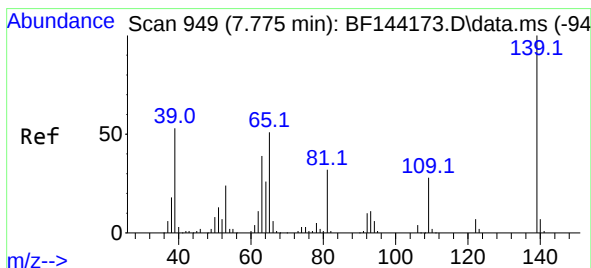
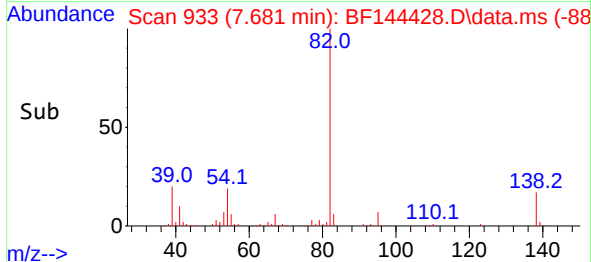
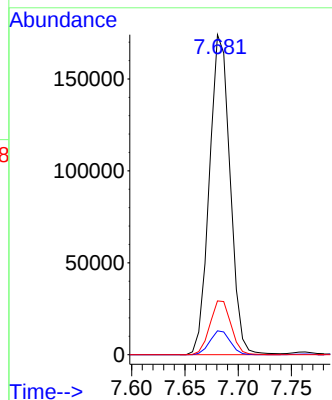
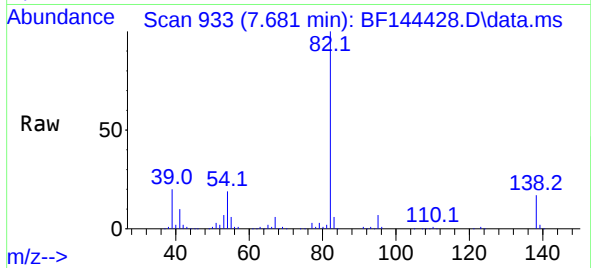




#25  
Isophorone  
Concen: 41.890 ng  
RT: 7.681 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

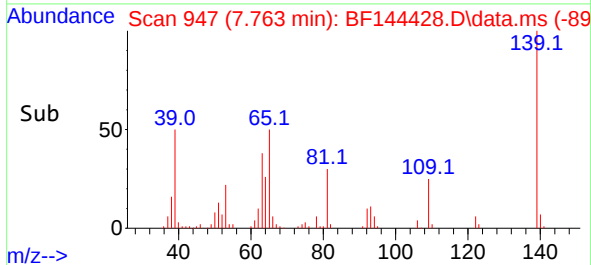
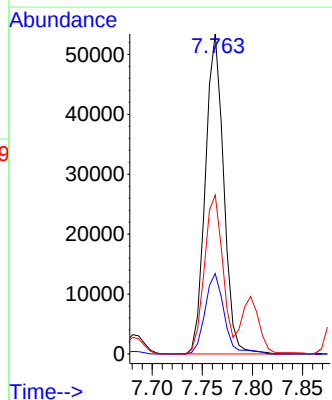
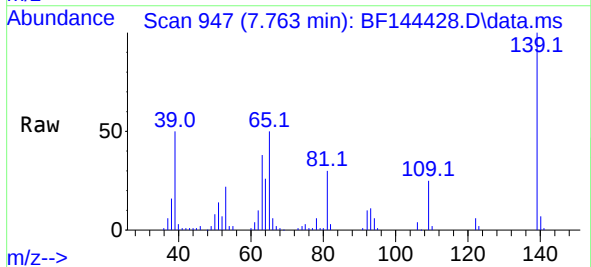
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

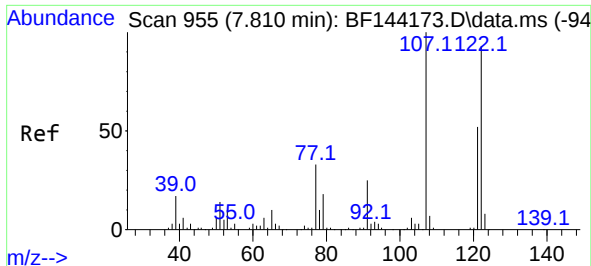
Tgt Ion: 82 Resp: 235502  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.5 8.3  
138 16.8 13.7 20.5



#26  
2-Nitrophenol  
Concen: 42.587 ng  
RT: 7.763 min Scan# 947  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:139 Resp: 68031  
Ion Ratio Lower Upper  
139 100  
109 25.1 22.2 33.2  
65 49.7 40.7 61.1

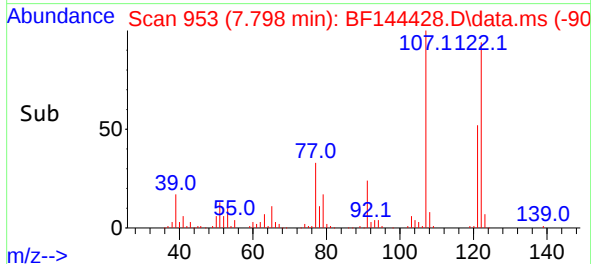
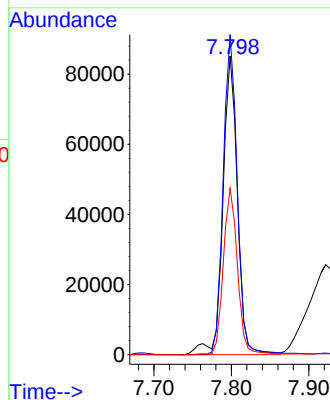
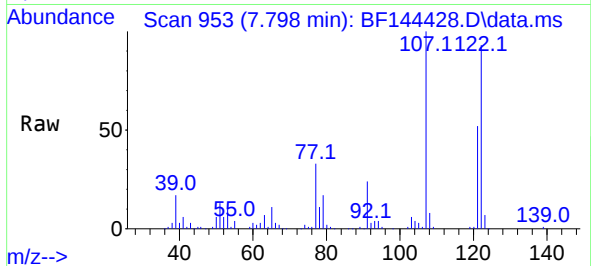




#27  
2,4-Dimethylphenol  
Concen: 46.453 ng  
RT: 7.798 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

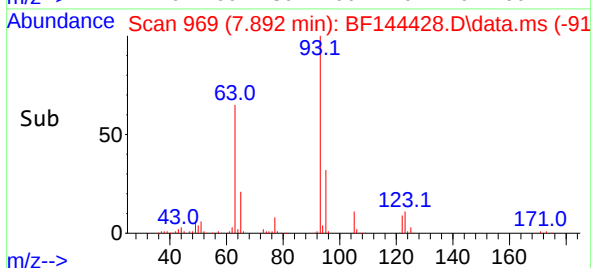
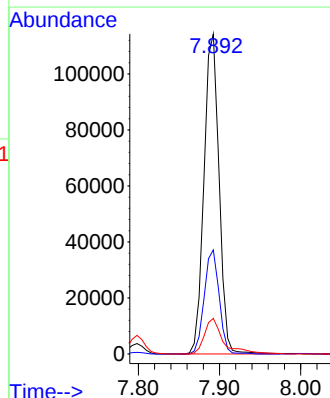
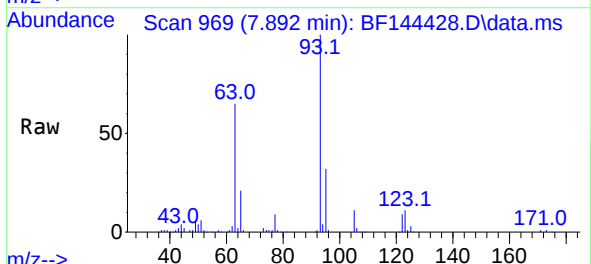
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

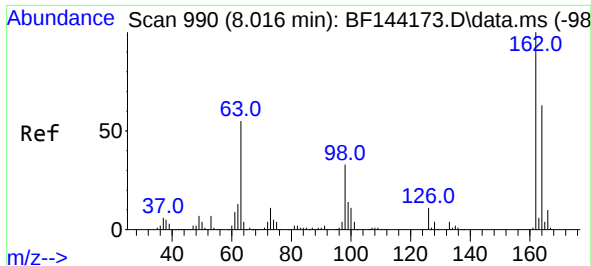
Tgt Ion:122 Resp: 111225  
Ion Ratio Lower Upper  
122 100  
107 107.1 86.2 129.4  
121 55.7 44.6 66.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.938 ng  
RT: 7.892 min Scan# 969  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion: 93 Resp: 147231  
Ion Ratio Lower Upper  
93 100  
95 32.5 24.2 36.4  
123 11.1 9.0 13.4

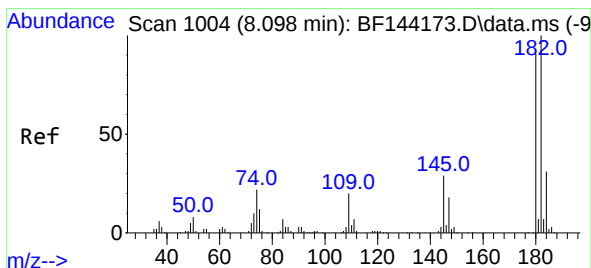
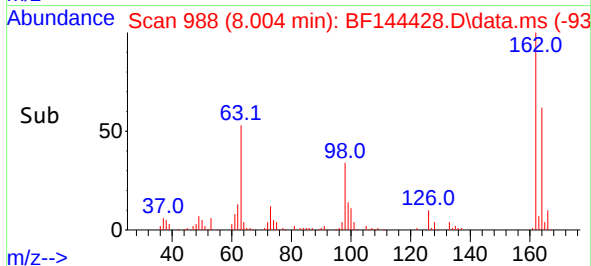
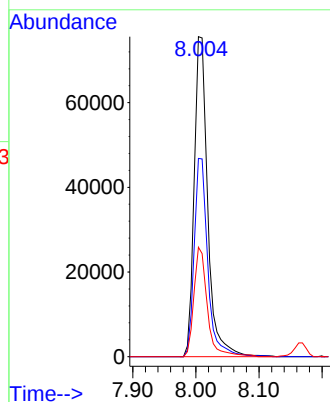
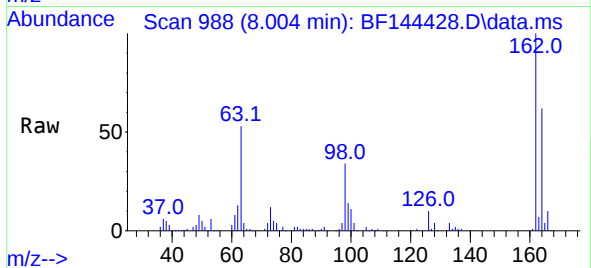




#29  
2,4-Dichlorophenol  
Concen: 40.844 ng  
RT: 8.004 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

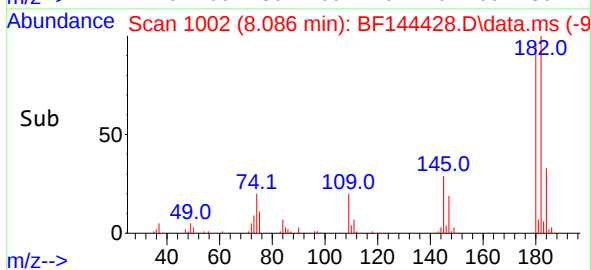
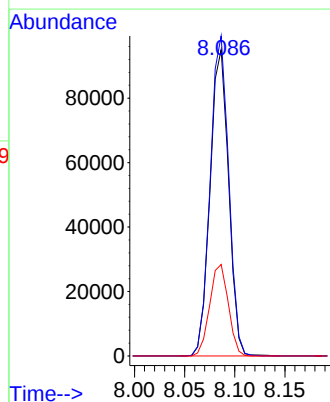
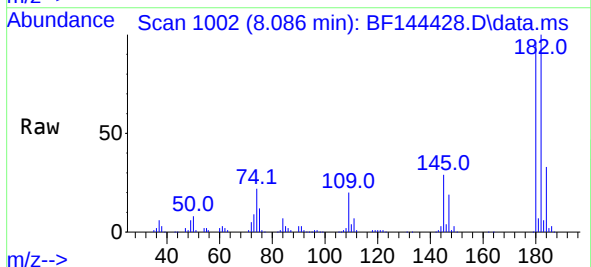
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

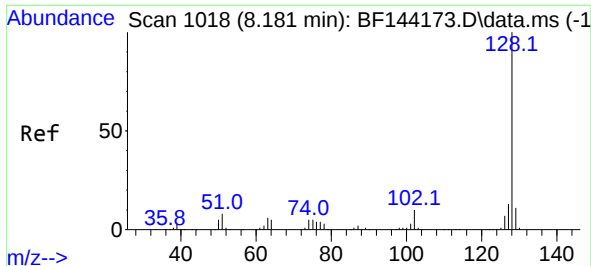
Tgt Ion:162 Resp: 112716  
Ion Ratio Lower Upper  
162 100  
164 62.0 42.9 82.9  
98 34.2 13.3 53.3



#30  
1,2,4-Trichlorobenzene  
Concen: 43.123 ng  
RT: 8.086 min Scan# 1002  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

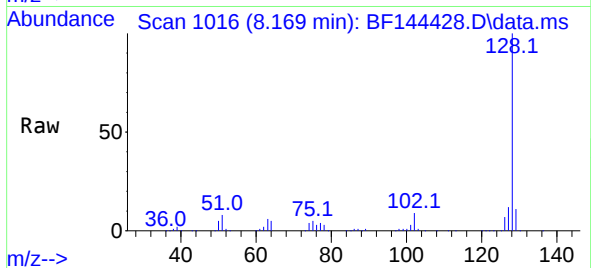
Tgt Ion:180 Resp: 122199  
Ion Ratio Lower Upper  
180 100  
182 104.4 87.7 131.5  
145 29.9 25.4 38.0



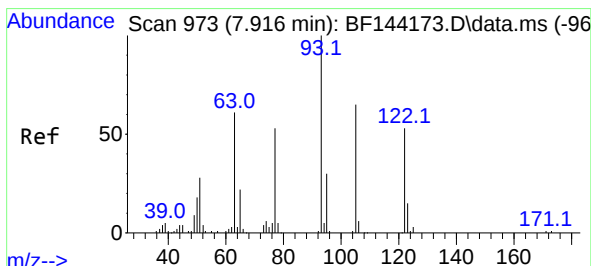
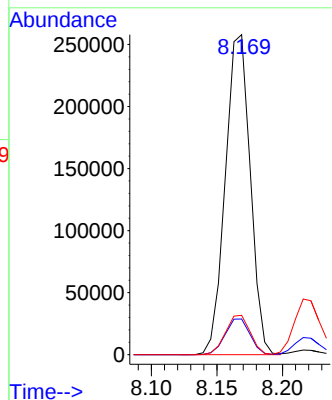
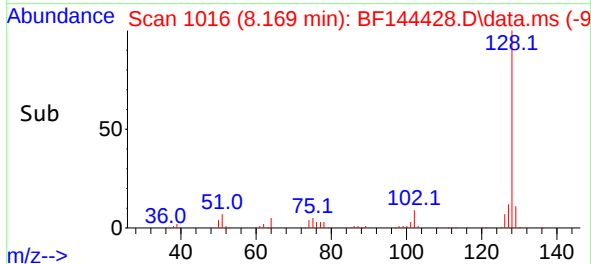


#31  
Naphthalene  
Concen: 41.780 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

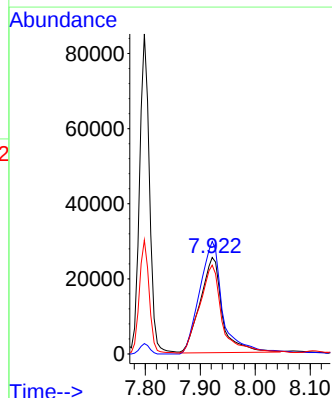
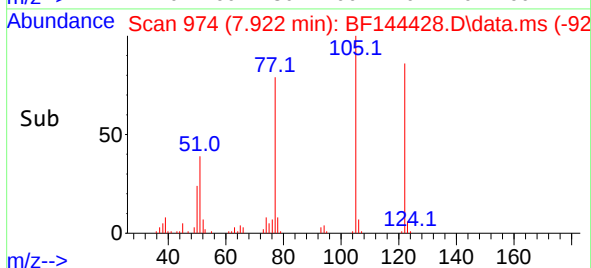
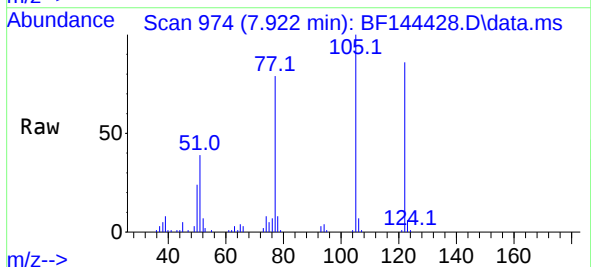


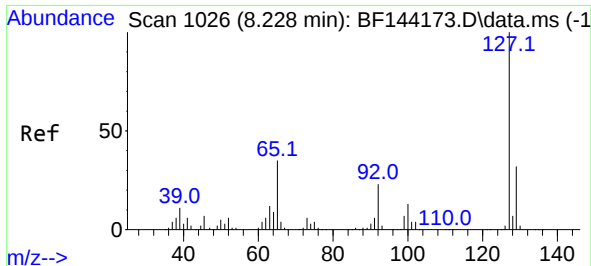
Tgt Ion:128 Resp: 341163  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 12.3 10.3 15.5



#32  
Benzoic acid  
Concen: 40.636 ng  
RT: 7.922 min Scan# 974  
Delta R.T. -0.029 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:122 Resp: 71320  
Ion Ratio Lower Upper  
122 100  
105 116.6 99.9 139.9  
77 92.0 77.5 117.5



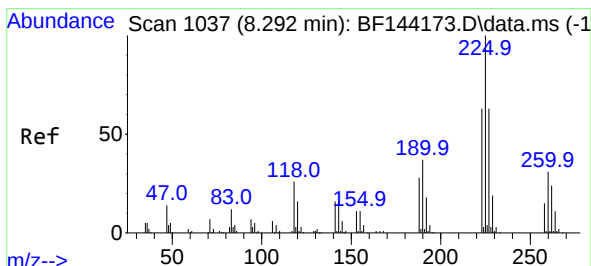
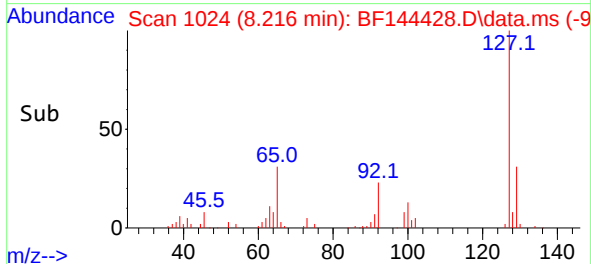
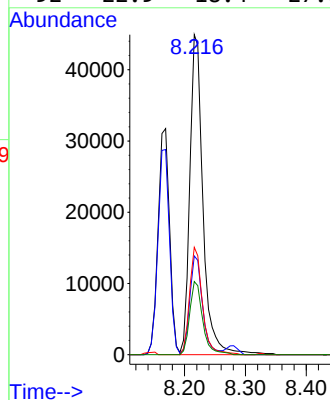
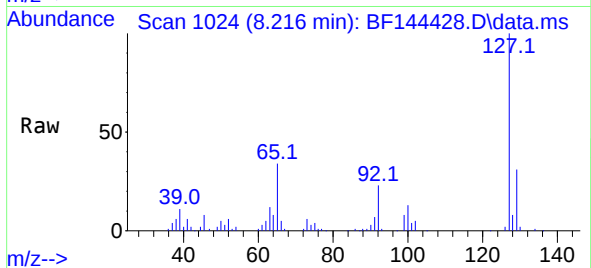


#33  
4-Chloroaniline  
Concen: 22.716 ng  
RT: 8.216 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

Tgt Ion:127 Resp: 67651

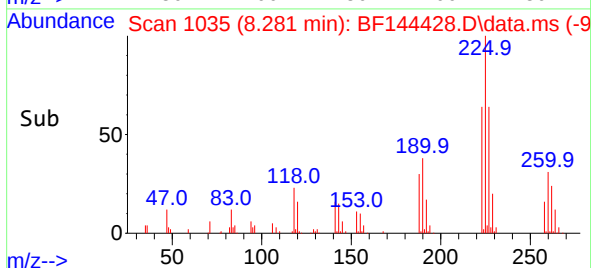
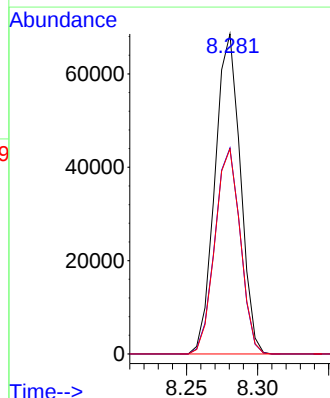
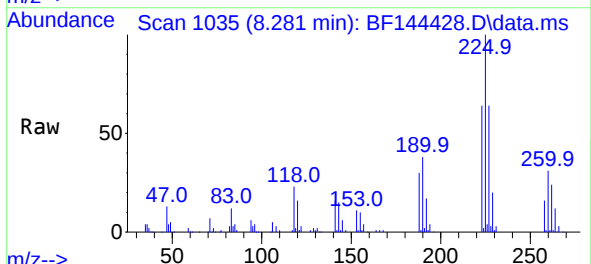
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 30.8  | 25.3  | 37.9  |
| 65  | 33.6  | 27.6  | 41.4  |
| 92  | 22.9  | 18.4  | 27.6  |

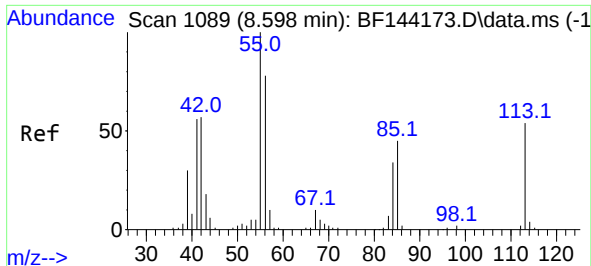


#34  
Hexachlorobutadiene  
Concen: 39.882 ng  
RT: 8.281 min Scan# 1035  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:225 Resp: 85174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 64.4  | 50.2  | 75.4  |
| 227 | 64.1  | 50.1  | 75.1  |

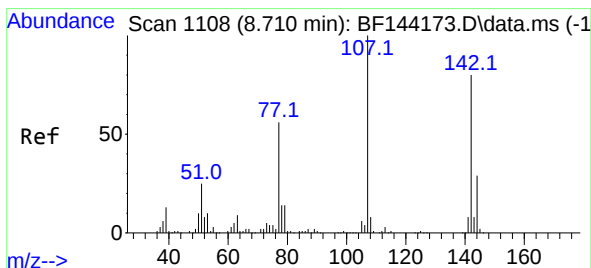
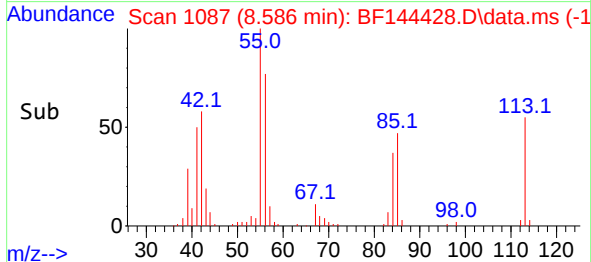
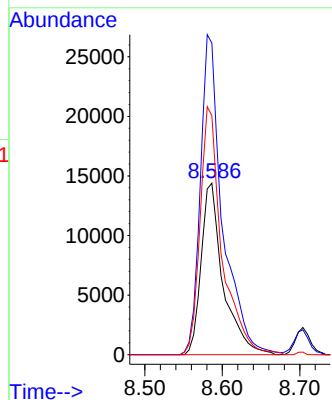
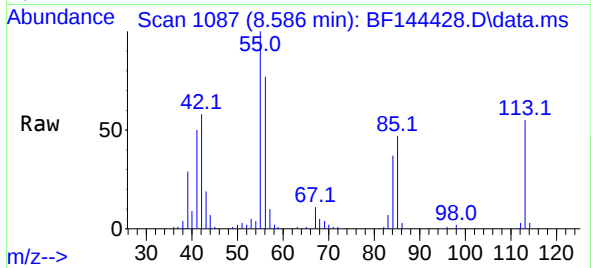




#35  
 Caprolactam  
 Concen: 37.485 ng  
 RT: 8.586 min Scan# 1089  
 Delta R.T. -0.035 min  
 Lab File: BF144428.D  
 Acq: 04 Dec 2025 13:59

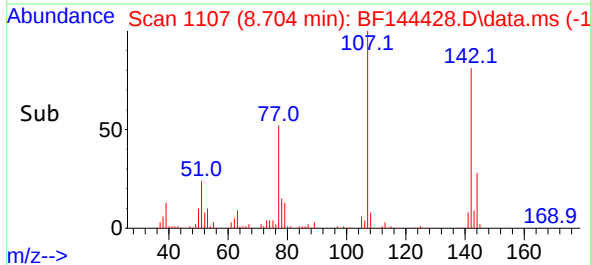
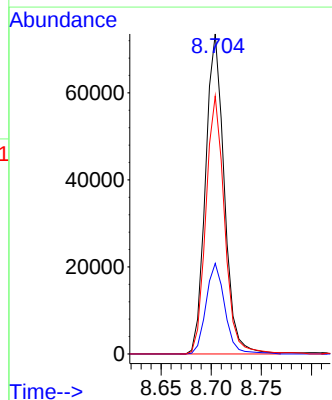
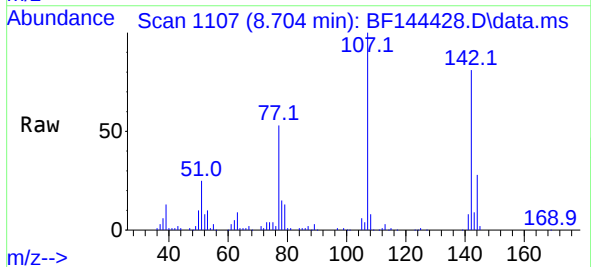
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170823BS

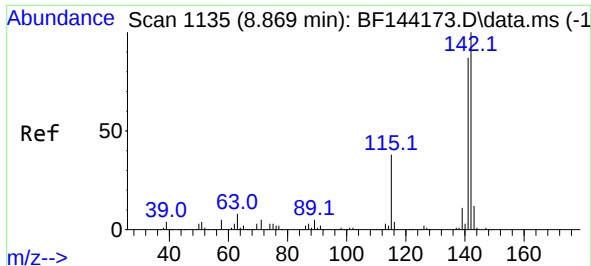
Tgt Ion:113 Resp: 28341  
 Ion Ratio Lower Upper  
 113 100  
 55 181.7 166.8 206.8  
 56 139.3 125.9 165.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.747 ng  
 RT: 8.704 min Scan# 1107  
 Delta R.T. -0.000 min  
 Lab File: BF144428.D  
 Acq: 04 Dec 2025 13:59

Tgt Ion:107 Resp: 95830  
 Ion Ratio Lower Upper  
 107 100  
 144 28.3 23.3 34.9  
 142 80.6 63.8 95.6





#37

2-Methylnaphthalene

Concen: 37.168 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

Instrument :

BNA\_F

ClientSampleId :

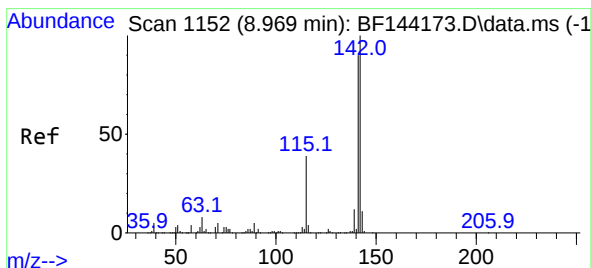
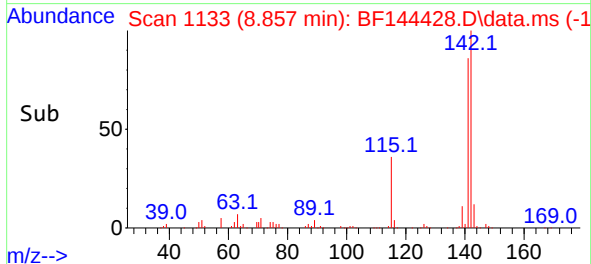
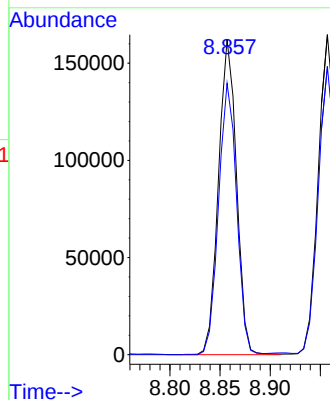
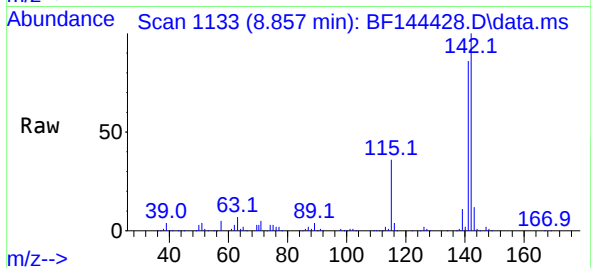
PB170823BS

Tgt Ion:142 Resp: 202921

Ion Ratio Lower Upper

142 100

141 86.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 38.991 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144428.D

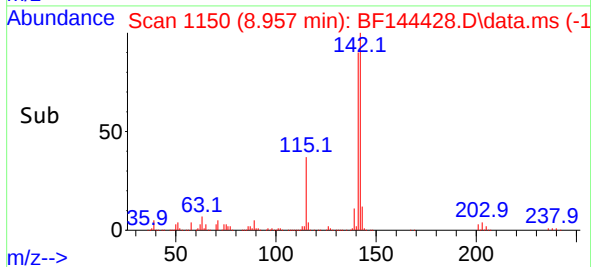
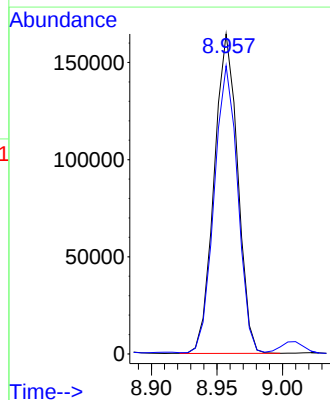
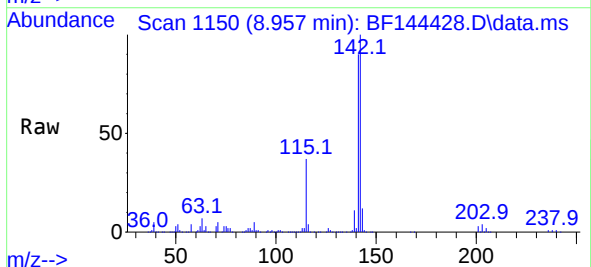
Acq: 04 Dec 2025 13:59

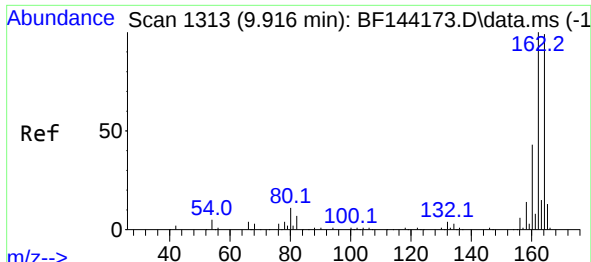
Tgt Ion:142 Resp: 205397

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

Instrument :

BNA\_F

ClientSampleId :

PB170823BS

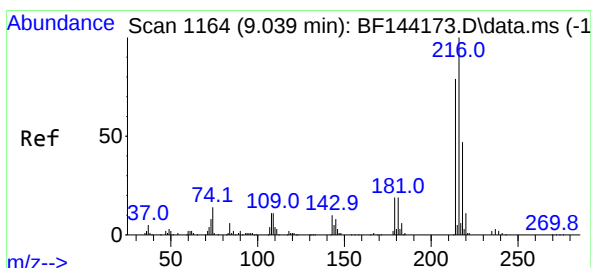
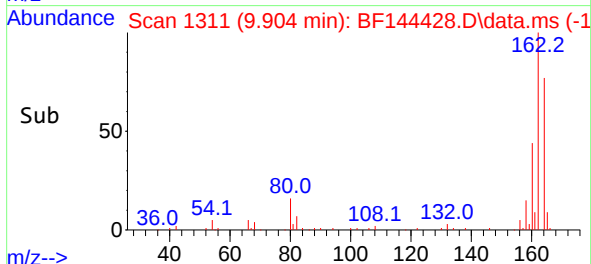
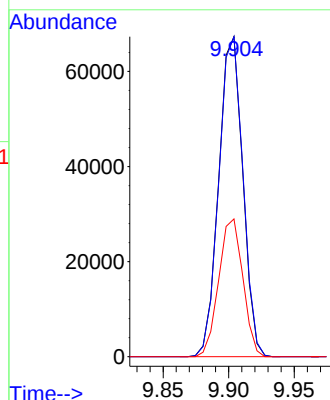
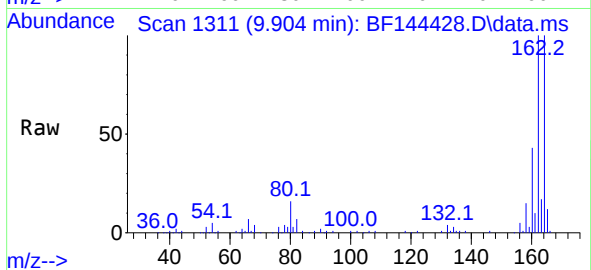
Tgt Ion:164 Resp: 85775

Ion Ratio Lower Upper

164 100

162 100.0 81.1 121.7

160 43.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.352 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

Tgt Ion:216 Resp: 135924

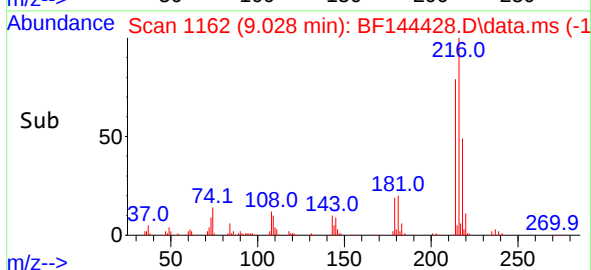
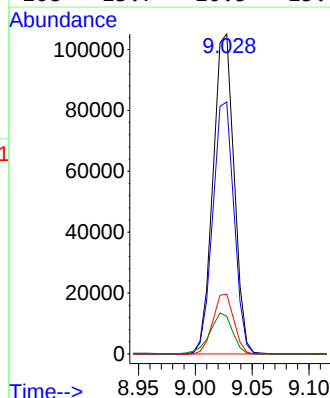
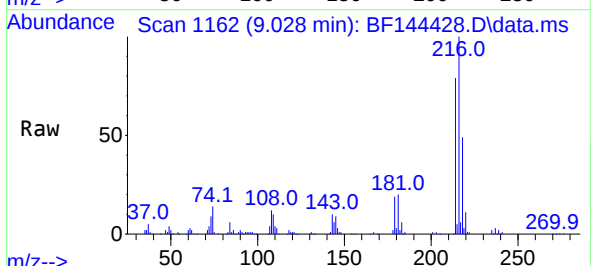
Ion Ratio Lower Upper

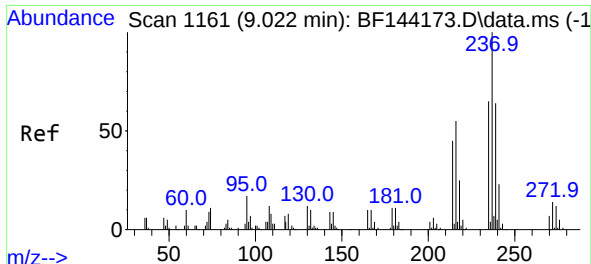
216 100

214 79.4 63.4 95.2

179 18.6 15.0 22.4

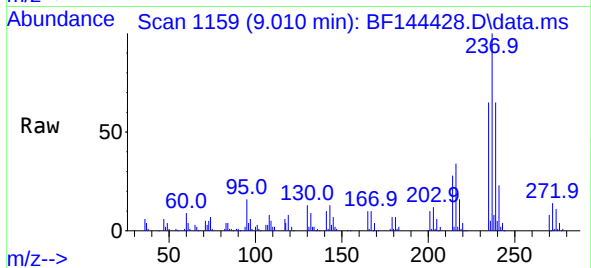
108 13.7 10.5 15.7



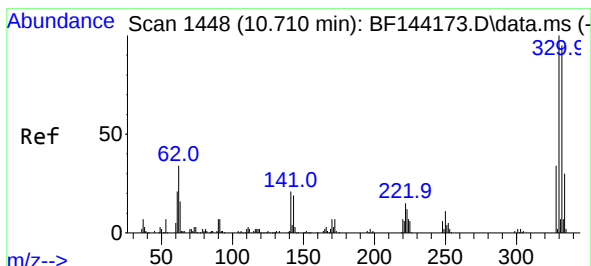
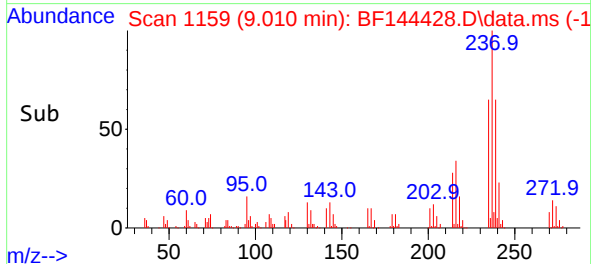
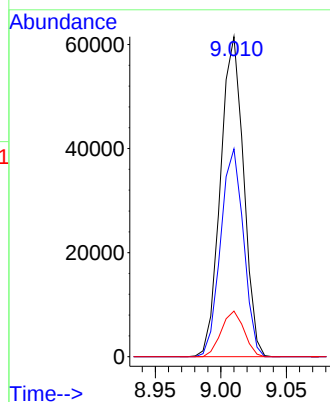


#41  
Hexachlorocyclopentadiene  
Concen: 71.589 ng  
RT: 9.010 min Scan# 1159  
Delta R.T. -0.018 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

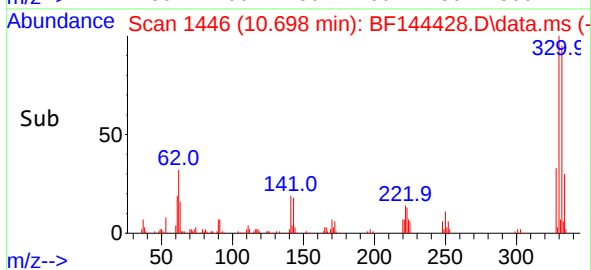
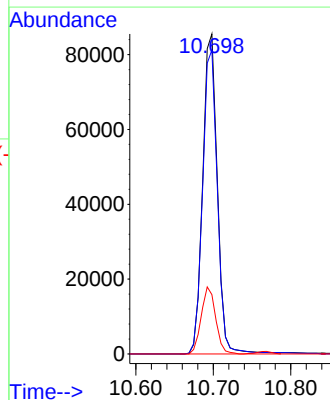
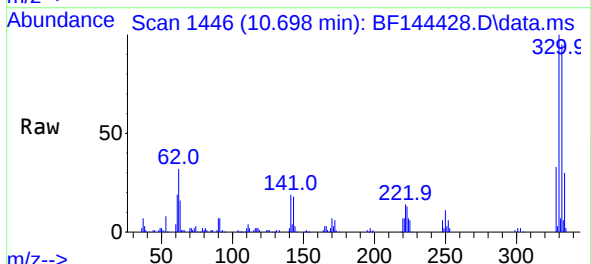


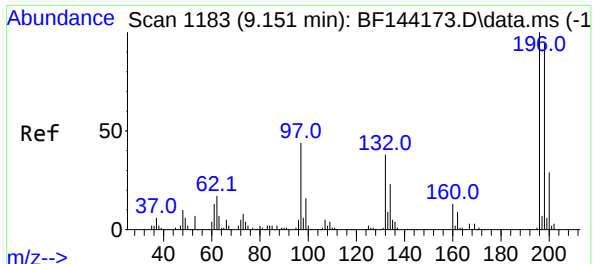
Tgt Ion:237 Resp: 75261  
Ion Ratio Lower Upper  
237 100  
235 64.9 45.5 85.5  
272 14.2 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 104.058 ng  
RT: 10.698 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:330 Resp: 112006  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.7 115.1  
141 20.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.440 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

Instrument :

BNA\_F

ClientSampleId :

PB170823BS

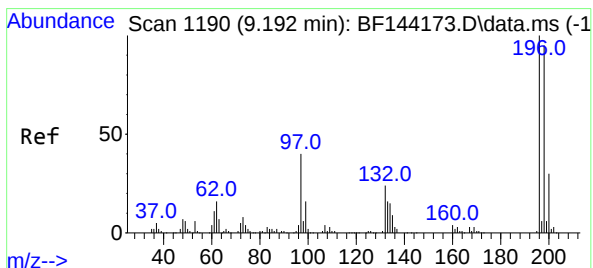
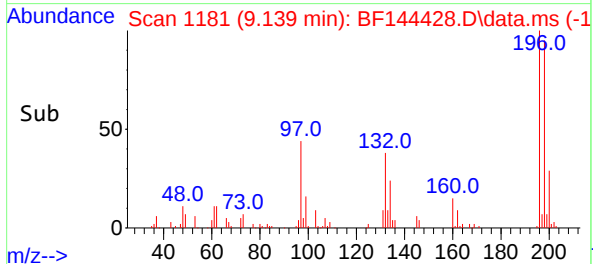
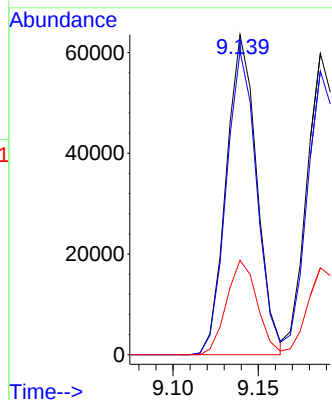
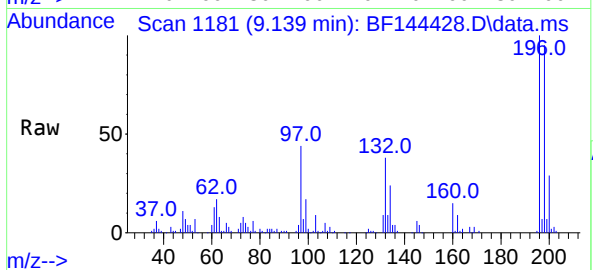
Tgt Ion:196 Resp: 79287

Ion Ratio Lower Upper

196 100

198 94.8 75.3 112.9

200 29.5 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 40.411 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

Tgt Ion:196 Resp: 83331

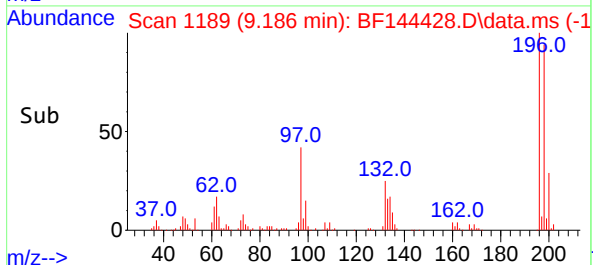
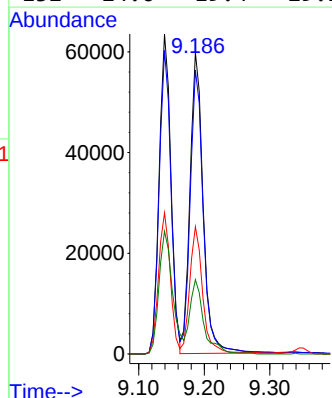
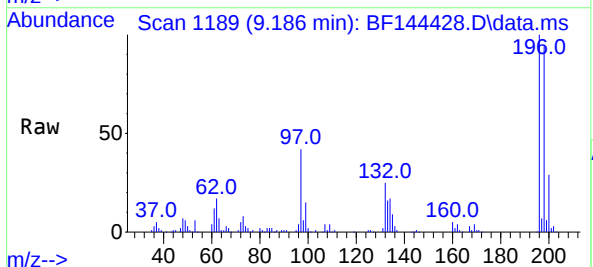
Ion Ratio Lower Upper

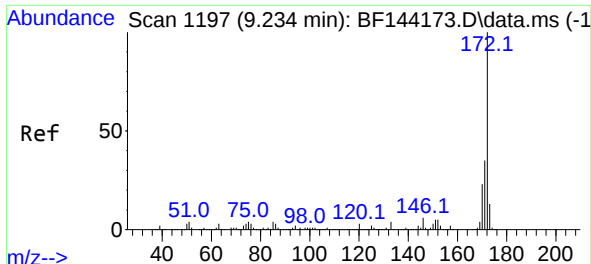
196 100

198 94.2 76.1 114.1

97 42.2 31.9 47.9

132 24.6 19.4 29.2

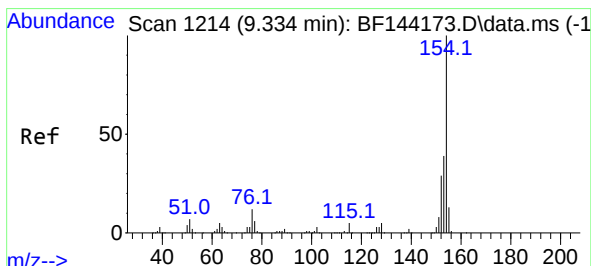
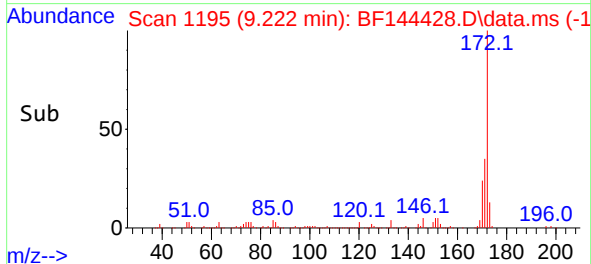
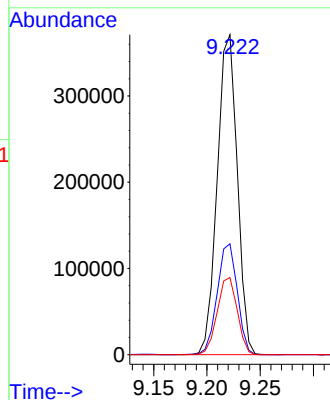
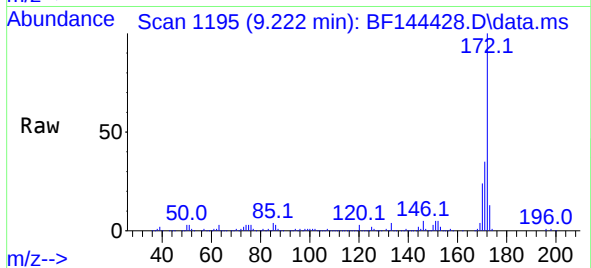




#45  
2-Fluorobiphenyl  
Concen: 83.496 ng  
RT: 9.222 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

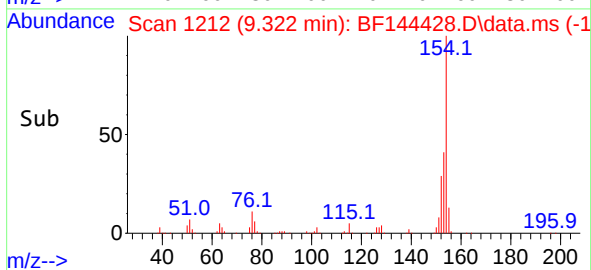
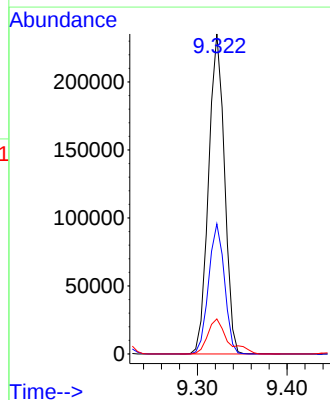
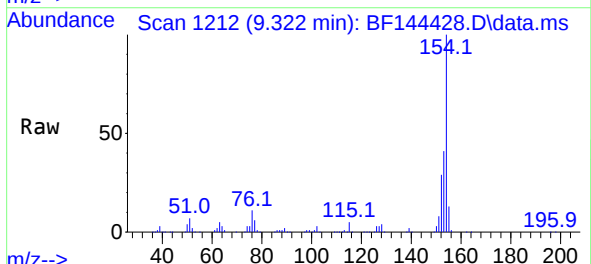
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

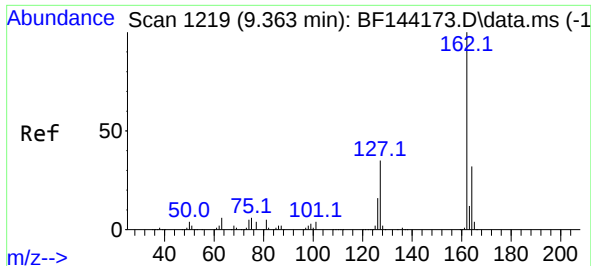
Tgt Ion:172 Resp: 484915  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.1 42.1  
170 24.1 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 48.370 ng  
RT: 9.322 min Scan# 1212  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:154 Resp: 289608  
Ion Ratio Lower Upper  
154 100  
153 40.6 19.2 59.2  
76 11.0 0.0 31.8





#47

2-Chloronaphthalene

Concen: 43.703 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

Instrument :

BNA\_F

ClientSampleId :

PB170823BS

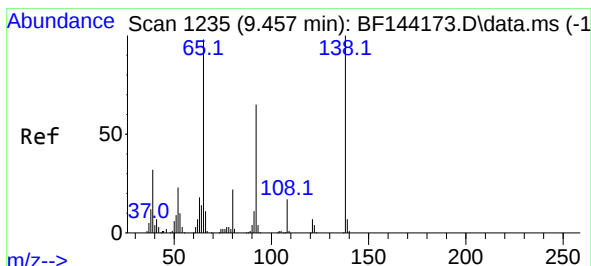
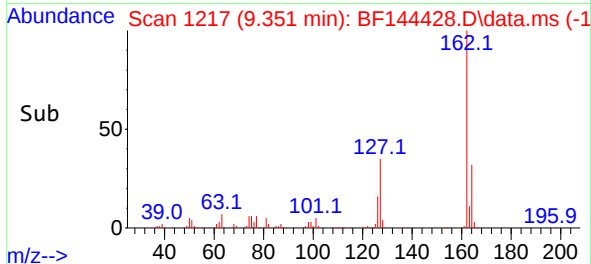
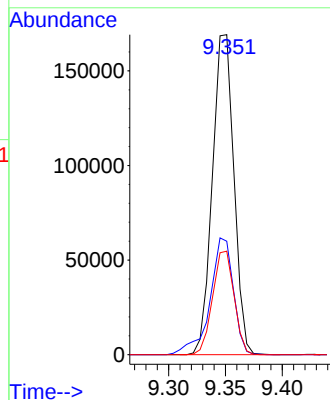
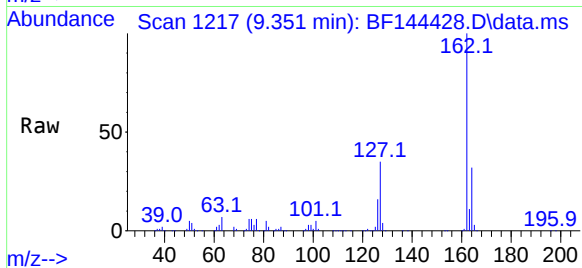
Tgt Ion:162 Resp: 223205

Ion Ratio Lower Upper

162 100

127 35.5 28.8 43.2

164 32.4 25.8 38.8



#48

2-Nitroaniline

Concen: 43.546 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

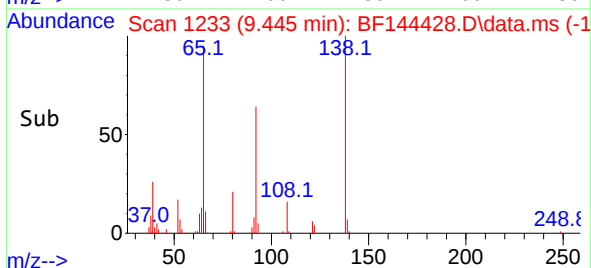
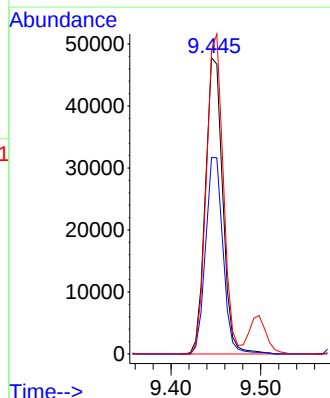
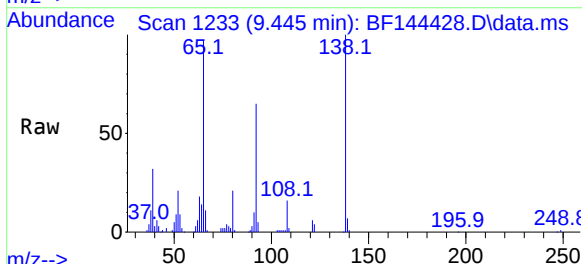
Tgt Ion: 65 Resp: 64171

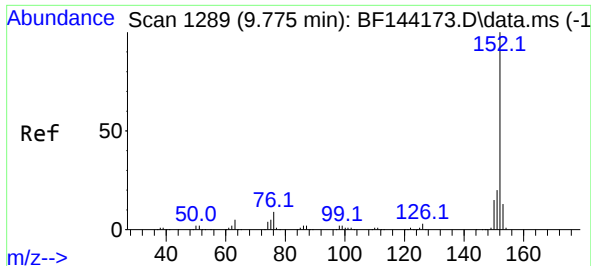
Ion Ratio Lower Upper

65 100

92 66.4 53.0 79.6

138 102.7 81.6 122.4





#49

Acenaphthylene

Concen: 48.480 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144428.D

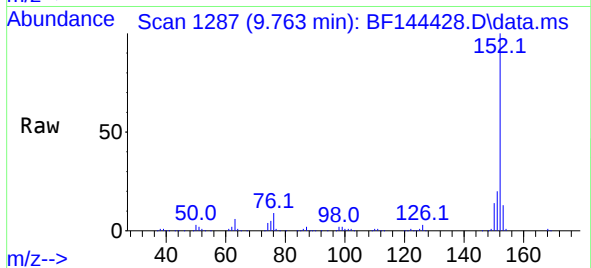
Acq: 04 Dec 2025 13:59

Instrument :

BNA\_F

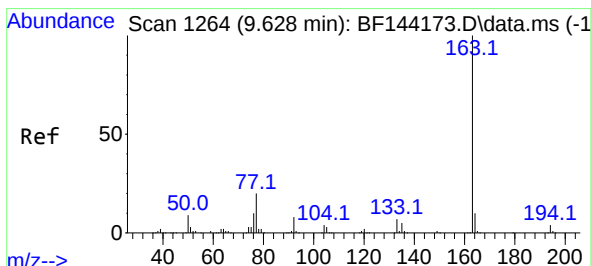
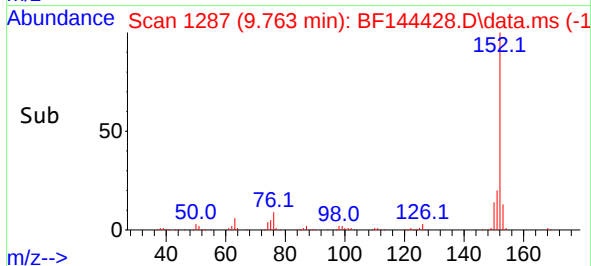
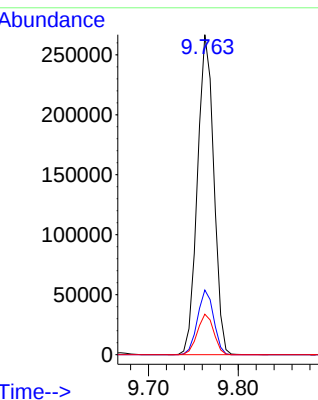
ClientSampleId :

PB170823BS



Tgt Ion:152 Resp: 337415

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.2  | 15.9  | 23.9  |
| 153 | 12.7  | 10.5  | 15.7  |



#50

Dimethylphthalate

Concen: 41.667 ng

RT: 9.622 min Scan# 1263

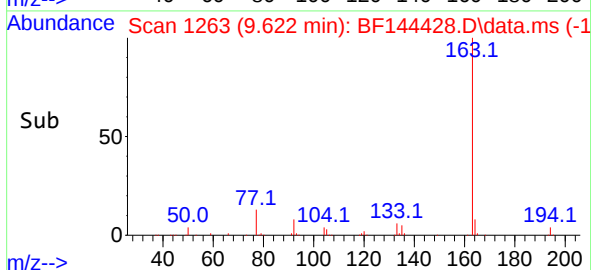
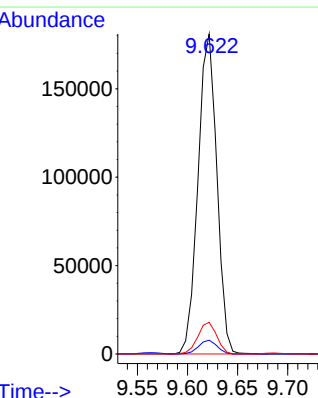
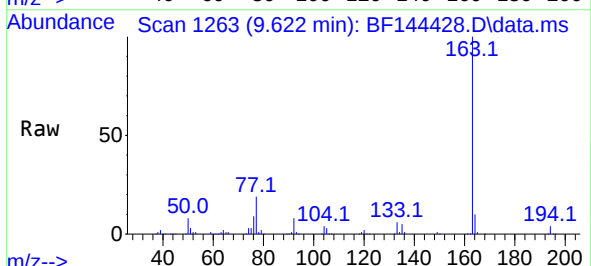
Delta R.T. -0.006 min

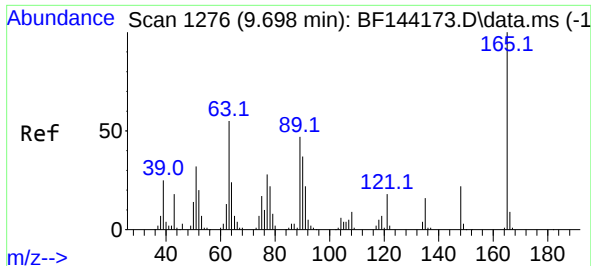
Lab File: BF144428.D

Acq: 04 Dec 2025 13:59

Tgt Ion:163 Resp: 236772

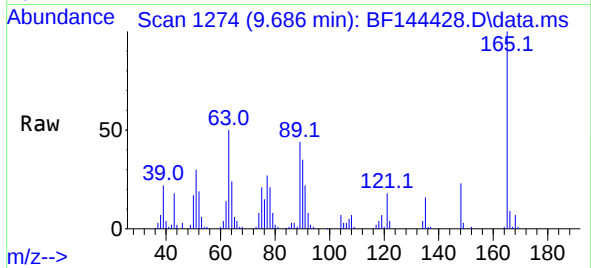
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.3   | 4.9   |
| 164 | 9.9   | 8.1   | 12.1  |



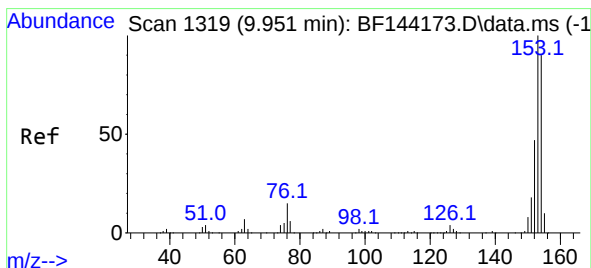
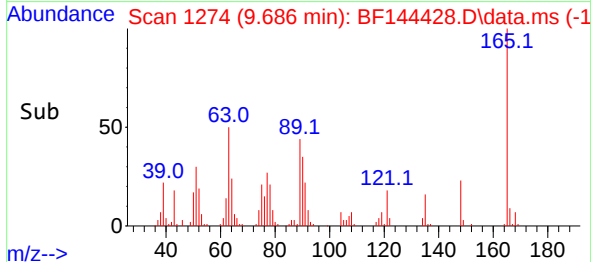
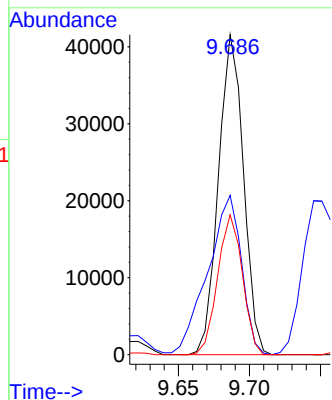


#51  
2,6-Dinitrotoluene  
Concen: 44.219 ng  
RT: 9.686 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

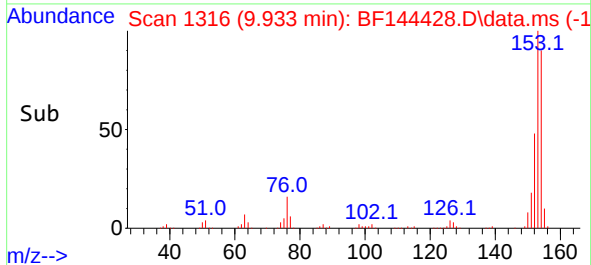
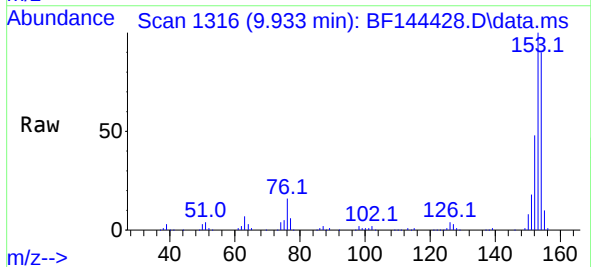
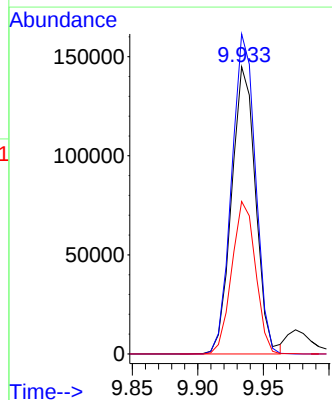


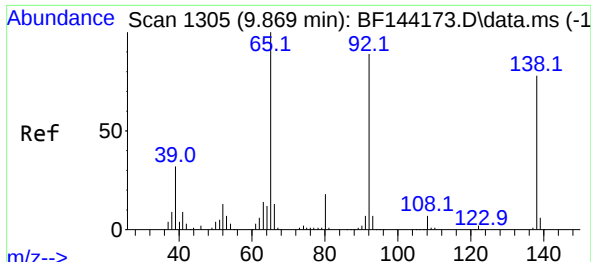
Tgt Ion:165 Resp: 50865  
Ion Ratio Lower Upper  
165 100  
63 49.8 43.8 65.8  
89 43.7 37.5 56.3



#52  
Acenaphthene  
Concen: 39.790 ng  
RT: 9.933 min Scan# 1316  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:154 Resp: 185187  
Ion Ratio Lower Upper  
154 100  
153 111.4 89.0 133.4  
152 53.1 42.2 63.4

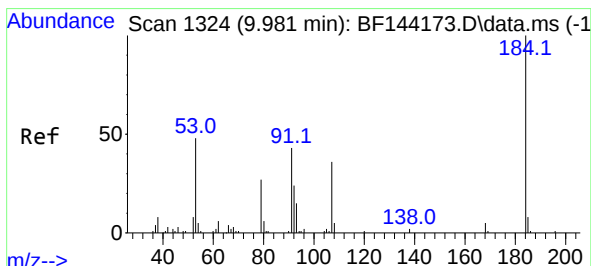
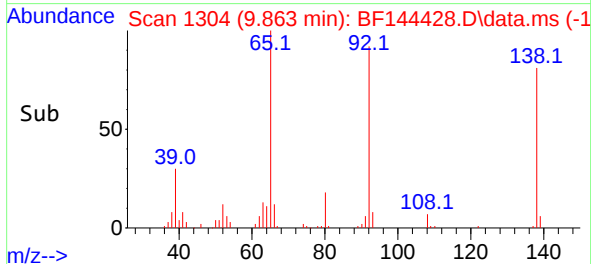
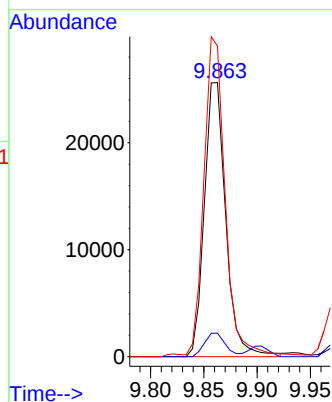
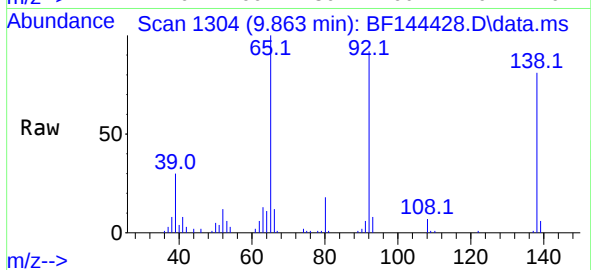




#53  
3-Nitroaniline  
Concen: 28.634 ng  
RT: 9.863 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

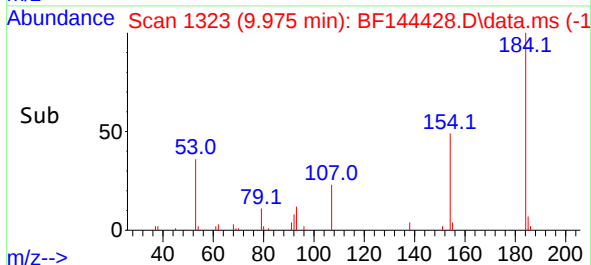
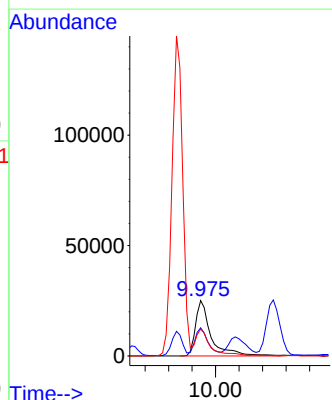
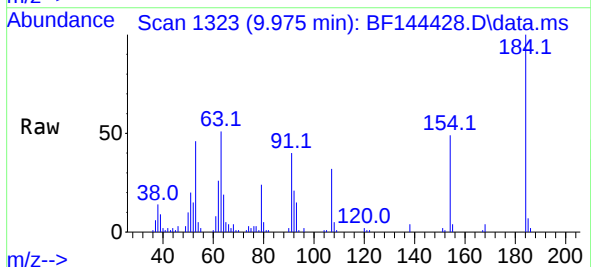
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

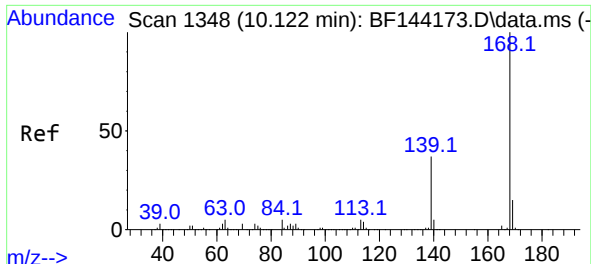
Tgt Ion:138 Resp: 36006  
Ion Ratio Lower Upper  
138 100  
108 8.6 7.5 11.3  
92 113.3 91.8 137.6



#54  
2,4-Dinitrophenol  
Concen: 66.331 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:184 Resp: 46075  
Ion Ratio Lower Upper  
184 100  
63 51.0 44.0 66.0  
154 48.7 42.4 63.6

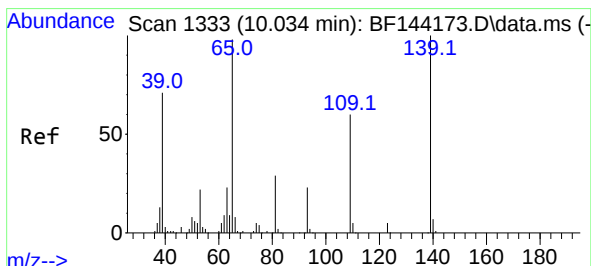
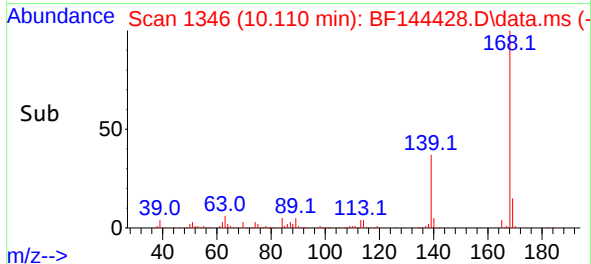
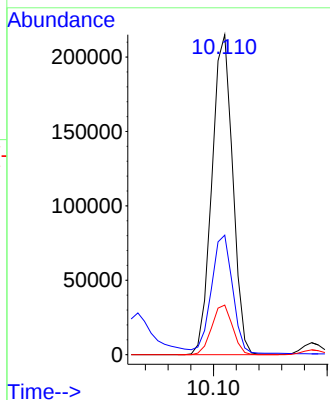
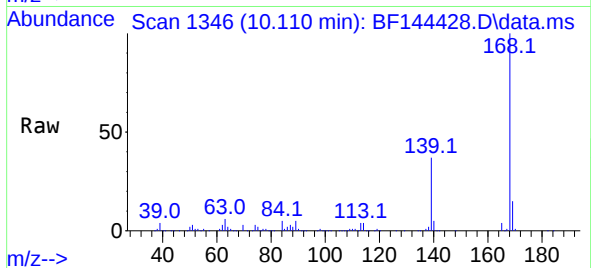




#55  
Dibenzenofuran  
Concen: 41.910 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

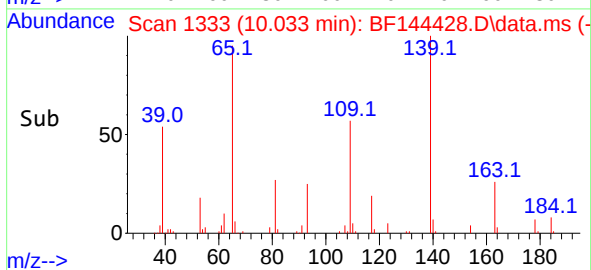
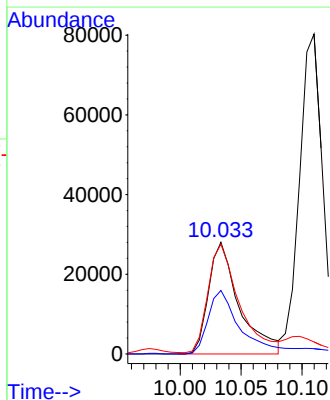
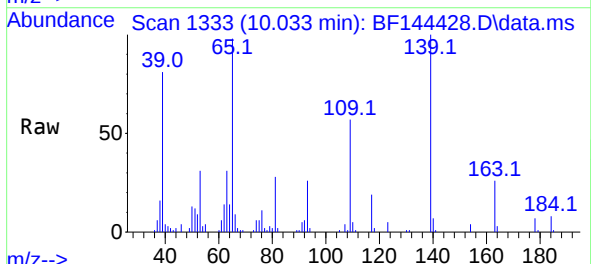
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

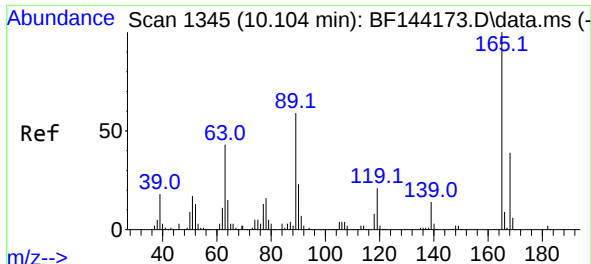
Tgt Ion:168 Resp: 273180  
Ion Ratio Lower Upper  
168 100  
139 37.3 30.2 45.2  
169 15.5 12.2 18.4



#56  
4-Nitrophenol  
Concen: 53.971 ng  
RT: 10.033 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:139 Resp: 49092  
Ion Ratio Lower Upper  
139 100  
109 56.9 39.9 79.9  
65 98.3 79.5 119.5

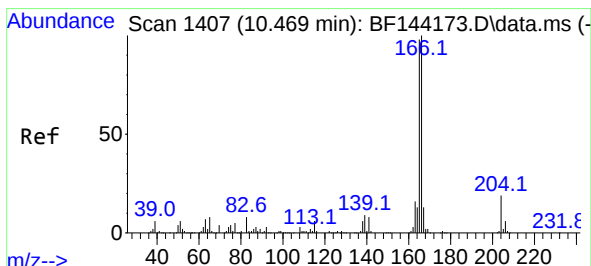
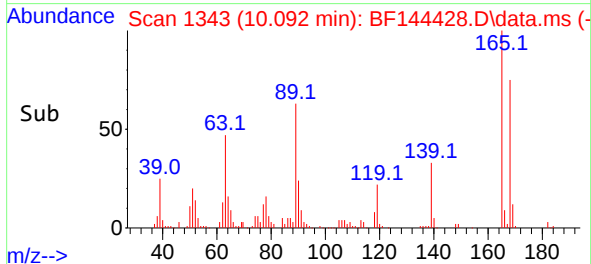
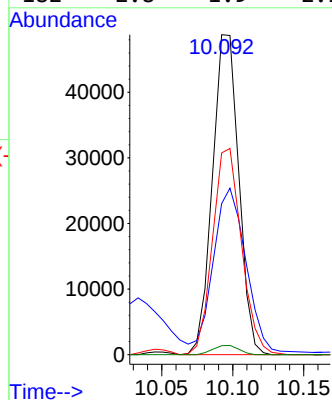
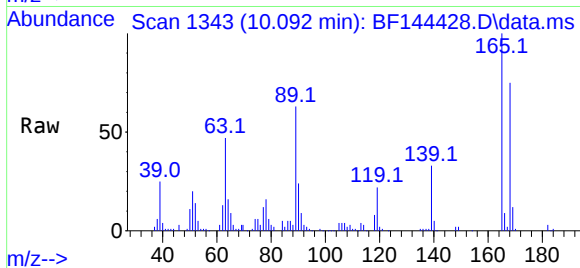




#57  
2,4-Dinitrotoluene  
Concen: 40.887 ng  
RT: 10.092 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

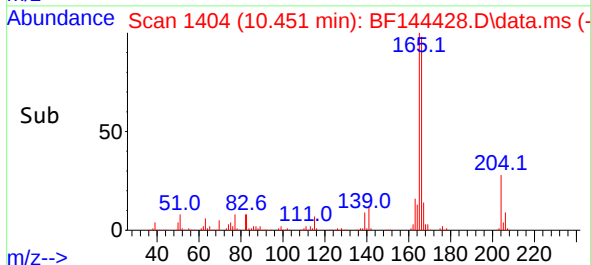
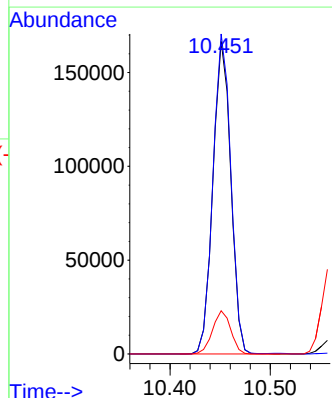
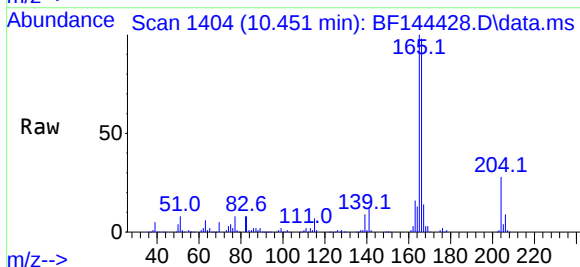
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

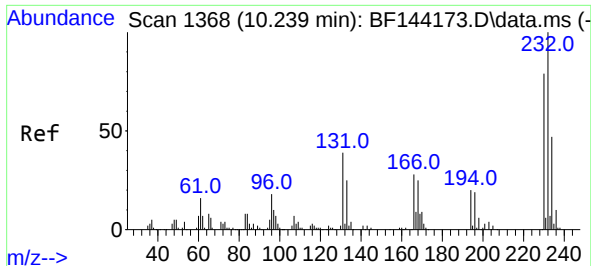
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 62962 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 47.2  | 35.5  | 53.3  |
| 89       | 63.0  | 47.4  | 71.2  |
| 182      | 2.8   | 1.9   | 2.9   |



#58  
Fluorene  
Concen: 41.573 ng  
RT: 10.451 min Scan# 1404  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 206035 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 102.4 | 78.6  | 118.0  |
| 167      | 13.8  | 10.4  | 15.6   |

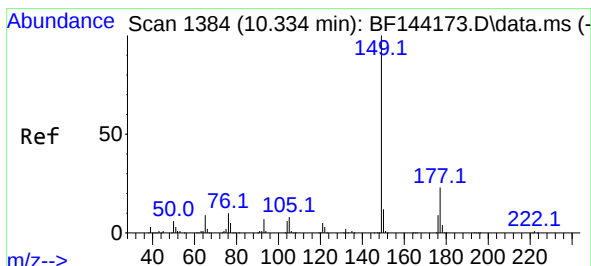
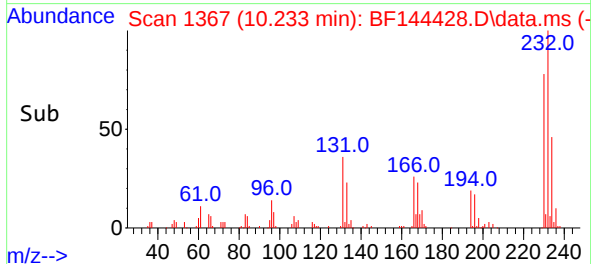
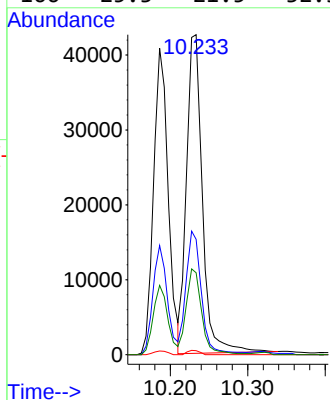
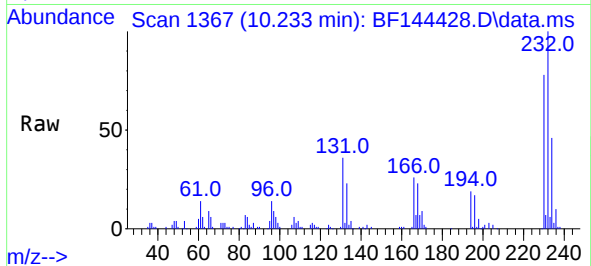




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.548 ng  
RT: 10.233 min Scan# 1367  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

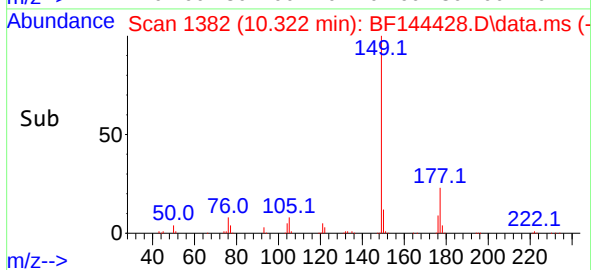
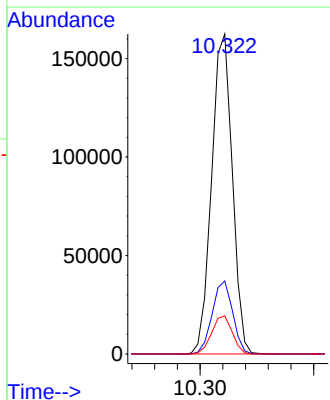
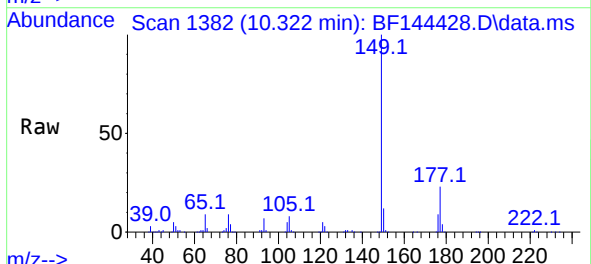
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BNA\_F  
ClientSampleId :  
PB170823BS

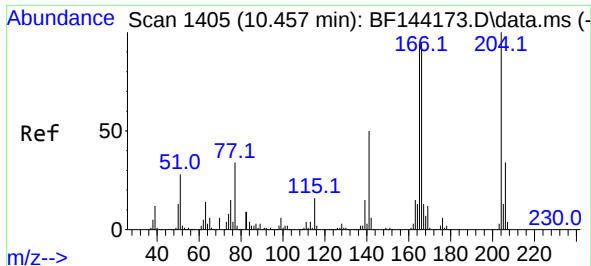
Tgt Ion:232 Resp: 60616  
Ion Ratio Lower Upper  
232 100  
131 38.0 30.3 45.5  
130 1.0 1.2 1.8#  
166 25.3 21.5 32.3



#60  
Diethylphthalate  
Concen: 39.202 ng  
RT: 10.322 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:149 Resp: 205355  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.3 27.5  
150 11.9 9.8 14.6

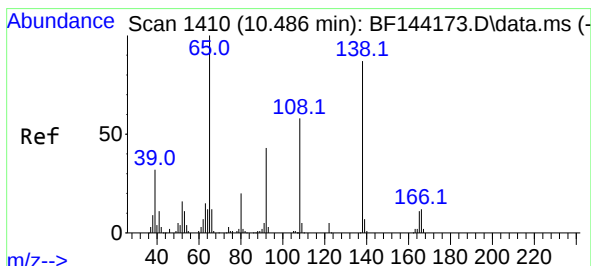
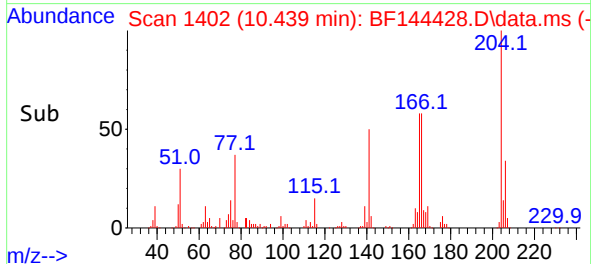
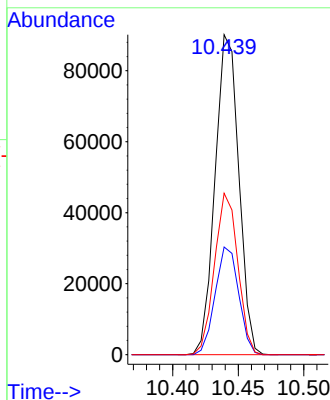
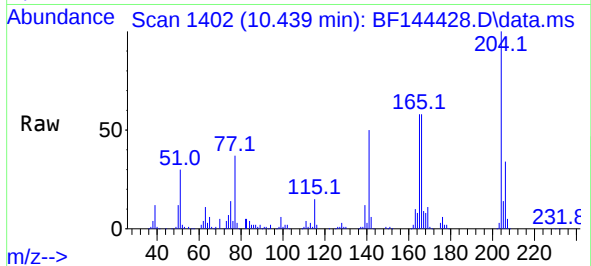




#61  
4-Chlorophenyl-phenylether  
Concen: 40.149 ng  
RT: 10.439 min Scan# 1402  
Delta R.T. -0.018 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

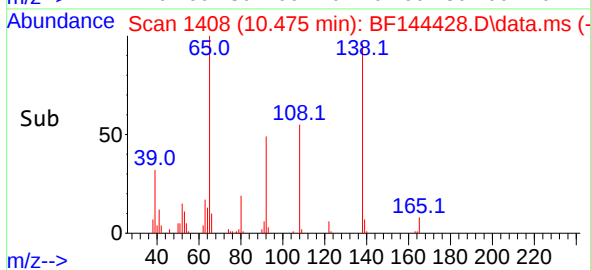
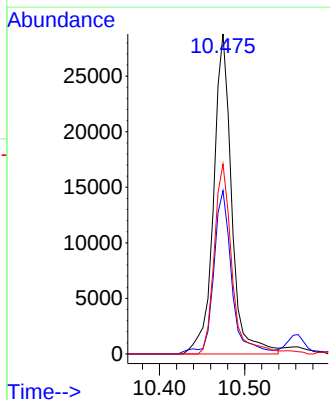
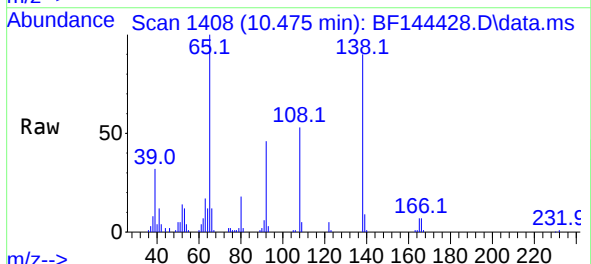
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

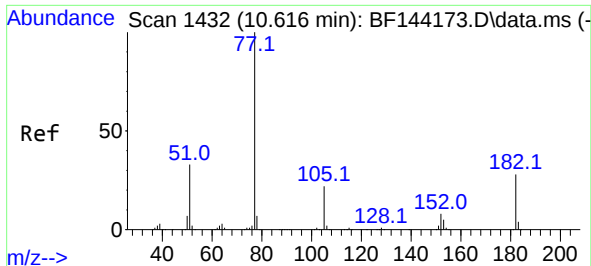
Tgt Ion:204 Resp: 113341  
Ion Ratio Lower Upper  
204 100  
206 33.7 27.4 41.2  
141 50.4 40.0 60.0



#62  
4-Nitroaniline  
Concen: 35.476 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:138 Resp: 42483  
Ion Ratio Lower Upper  
138 100  
92 51.1 29.4 69.4  
108 59.3 46.4 86.4



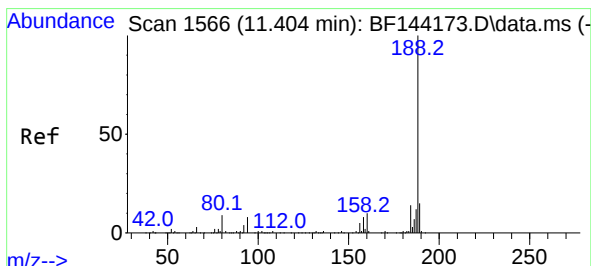
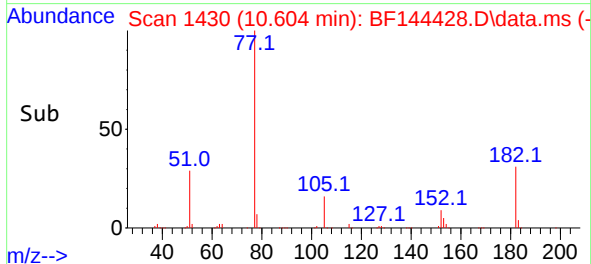
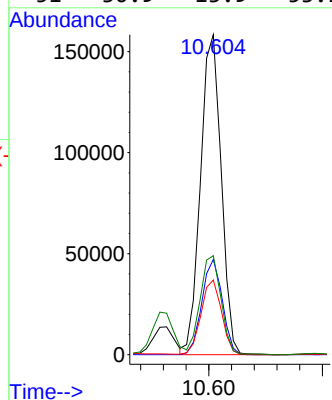
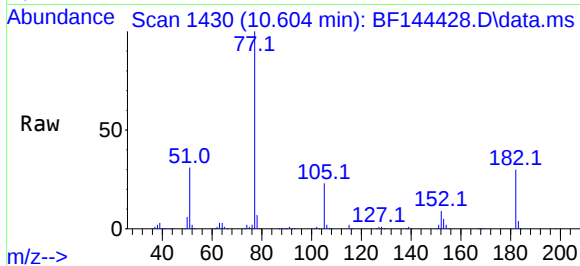


#63  
Azobenzene  
Concen: 41.158 ng  
RT: 10.604 min Scan# 1432  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

Tgt Ion: 77 Resp: 200654

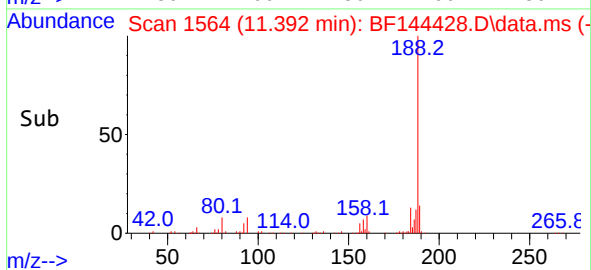
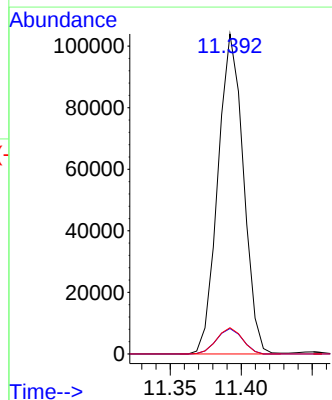
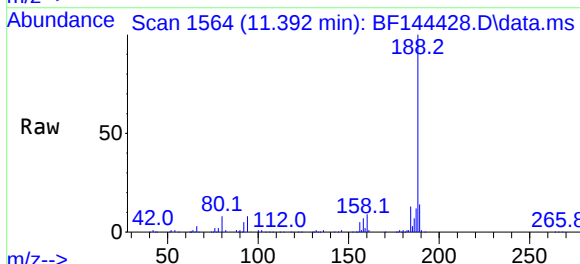
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.7  | 8.1   | 48.1  |
| 105 | 23.4  | 2.0   | 42.0  |
| 51  | 30.9  | 13.9  | 53.9  |

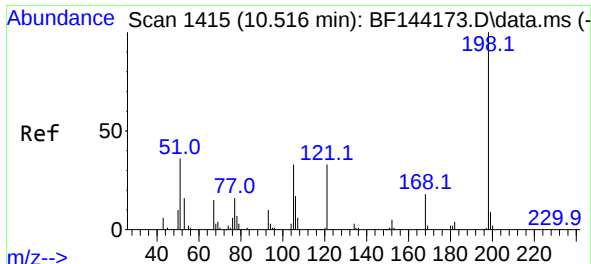


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 1564  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion: 188 Resp: 129624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.9   | 6.2   | 9.2   |
| 80  | 8.2   | 6.9   | 10.3  |

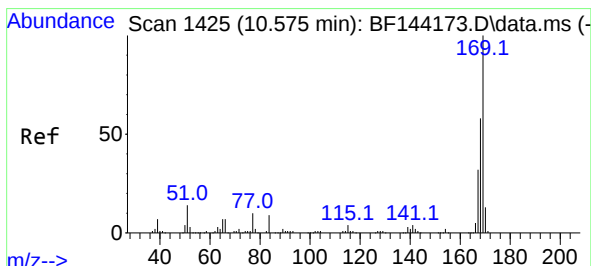
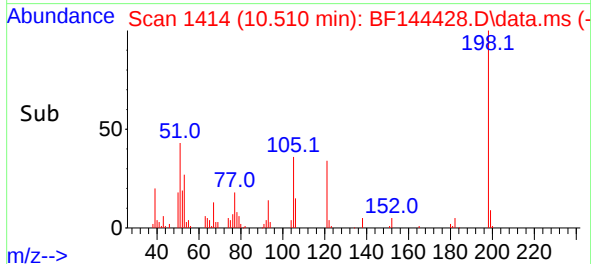
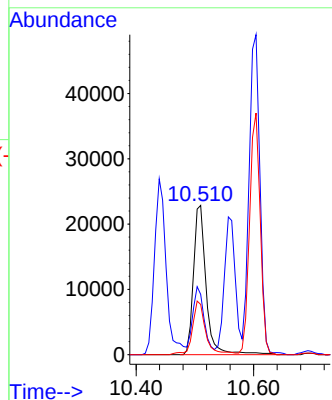
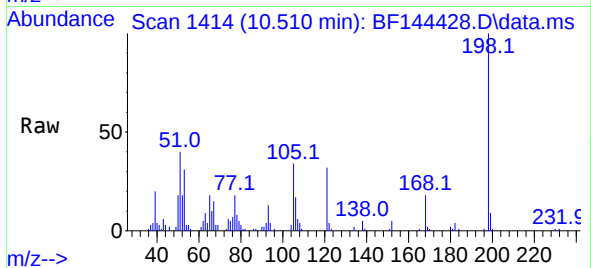




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.848 ng  
RT: 10.510 min Scan# 1414  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

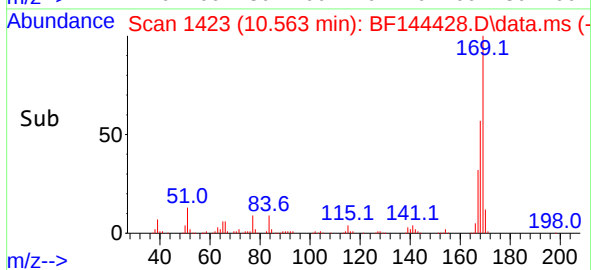
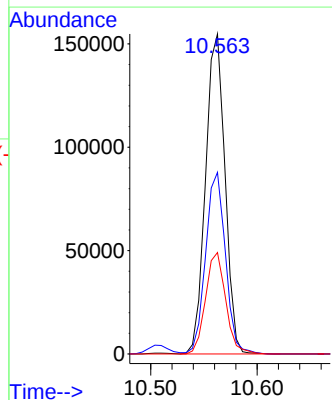
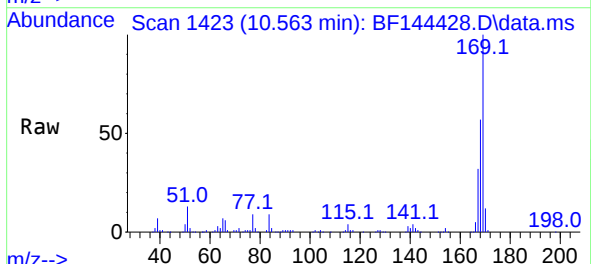
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

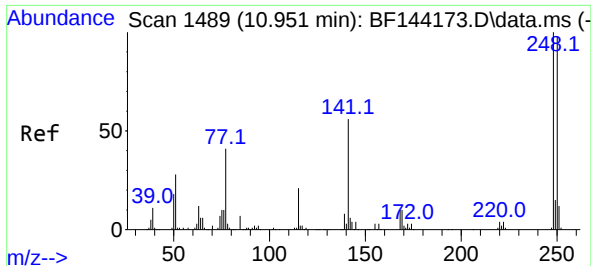
Tgt Ion:198 Resp: 34209  
Ion Ratio Lower Upper  
198 100  
51 40.5 25.6 65.6  
105 33.7 14.6 54.6



#66  
n-Nitrosodiphenylamine  
Concen: 47.126 ng  
RT: 10.563 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:169 Resp: 196469  
Ion Ratio Lower Upper  
169 100  
168 56.8 46.2 69.2  
167 31.7 25.7 38.5

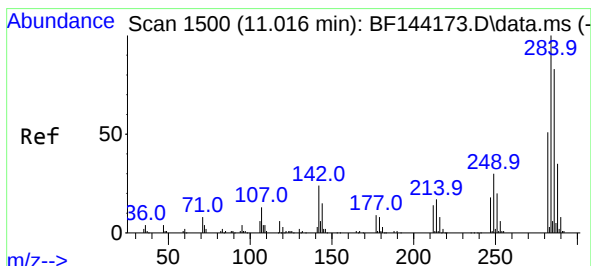
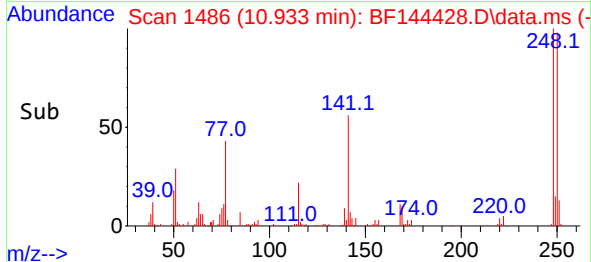
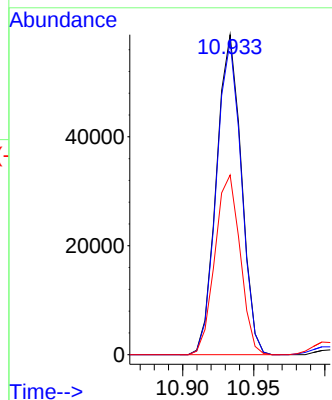
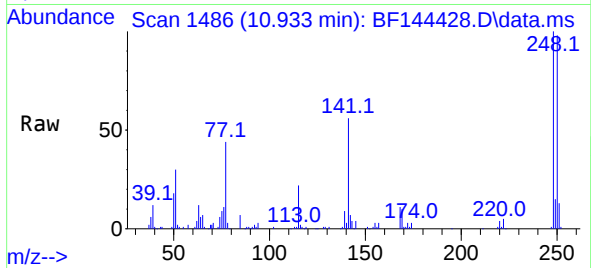




#67  
4-Bromophenyl-phenylether  
Concen: 43.308 ng  
RT: 10.933 min Scan# 1486  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

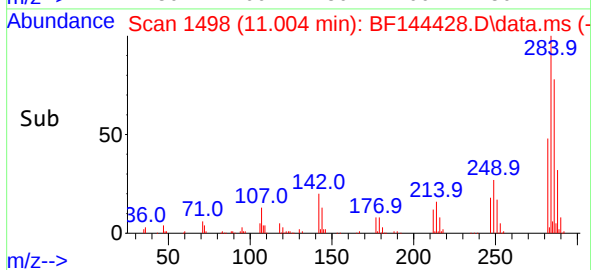
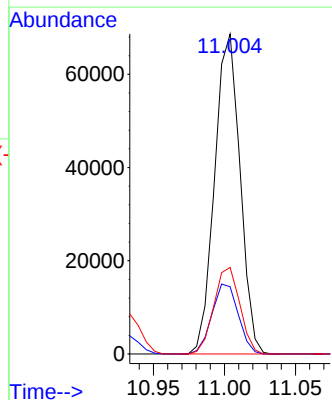
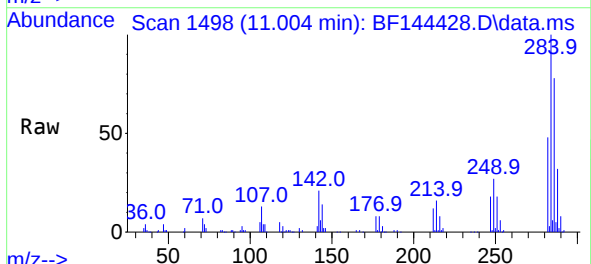
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

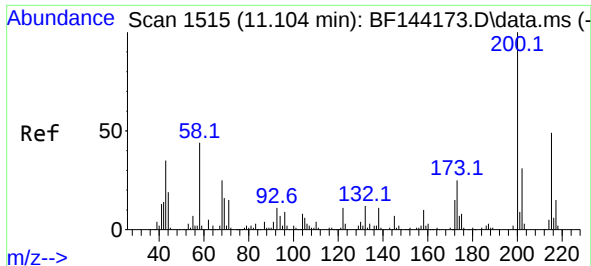
Tgt Ion:248 Resp: 71654  
Ion Ratio Lower Upper  
248 100  
250 98.1 78.4 117.6  
141 56.2 45.1 67.7



#68  
Hexachlorobenzene  
Concen: 43.850 ng  
RT: 11.004 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:284 Resp: 85456  
Ion Ratio Lower Upper  
284 100  
142 21.0 19.2 28.8  
249 27.1 23.8 35.8

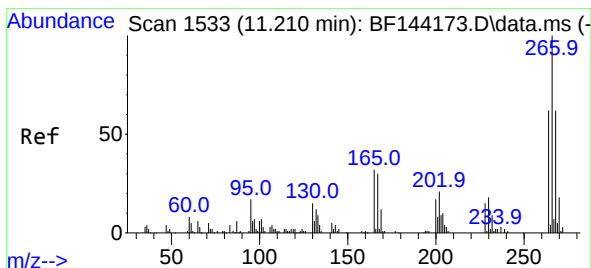
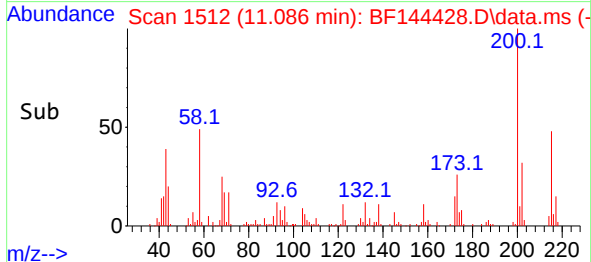
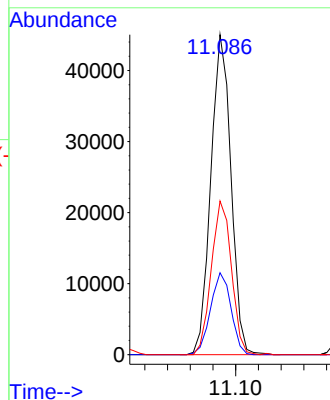
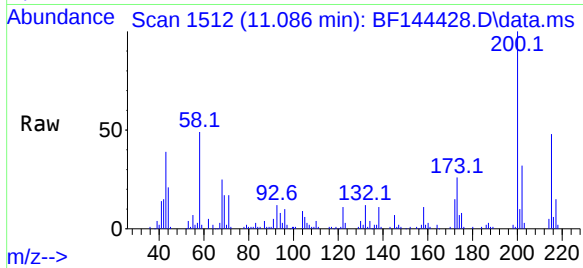




#69  
 Atrazine  
 Concen: 41.833 ng  
 RT: 11.086 min Scan# 1  
 Delta R.T. -0.012 min  
 Lab File: BF144428.D  
 Acq: 04 Dec 2025 13:59

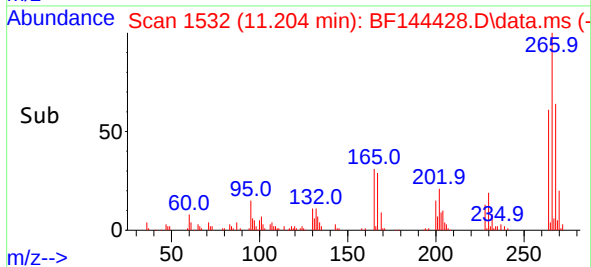
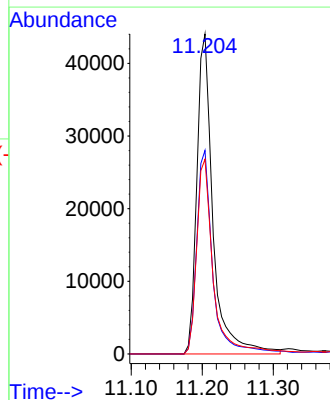
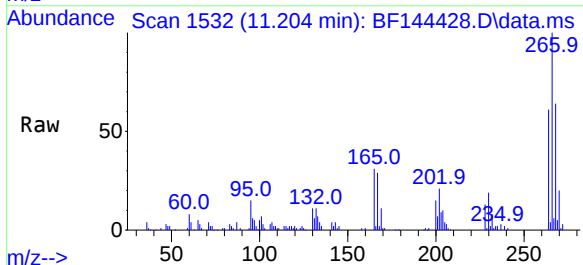
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170823BS

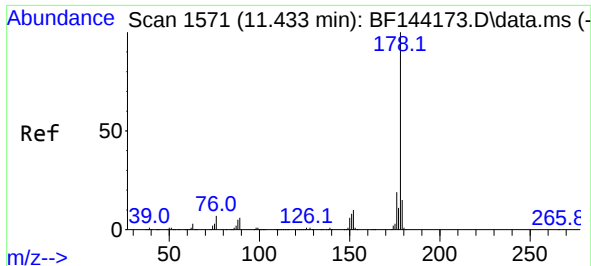
Tgt Ion:200 Resp: 55464  
 Ion Ratio Lower Upper  
 200 100  
 173 25.6 5.0 45.0  
 215 48.0 28.7 68.7



#70  
 Pentachlorophenol  
 Concen: 71.804 ng  
 RT: 11.204 min Scan# 1532  
 Delta R.T. -0.012 min  
 Lab File: BF144428.D  
 Acq: 04 Dec 2025 13:59

Tgt Ion:266 Resp: 69681  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 49.5 74.3  
 264 60.8 49.4 74.2

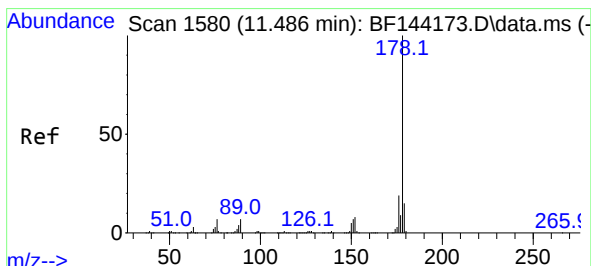
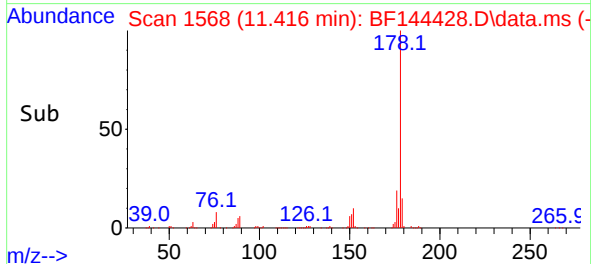
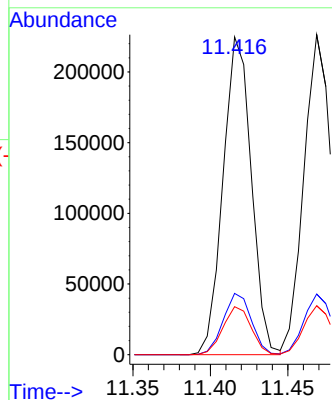
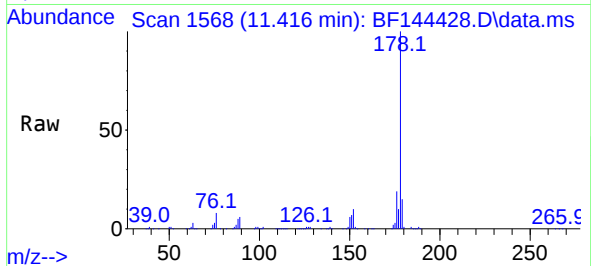




#71  
Phenanthrene  
Concen: 44.218 ng  
RT: 11.416 min Scan# 1571  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

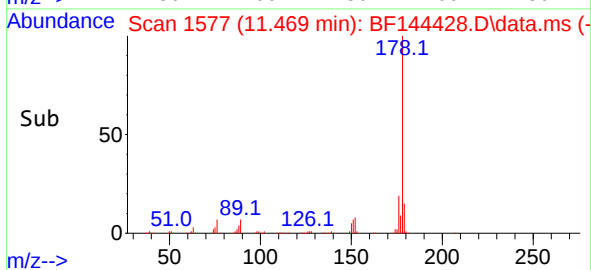
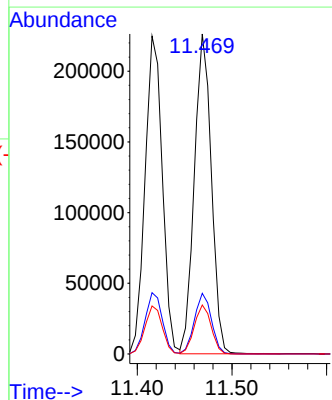
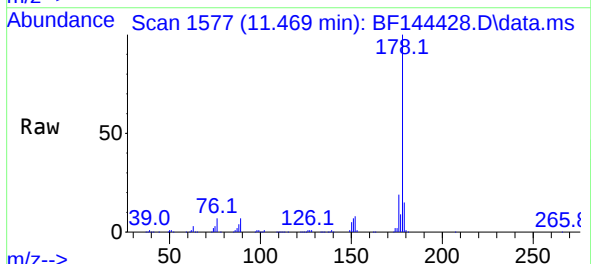
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BNA\_F  
ClientSampleId :  
PB170823BS

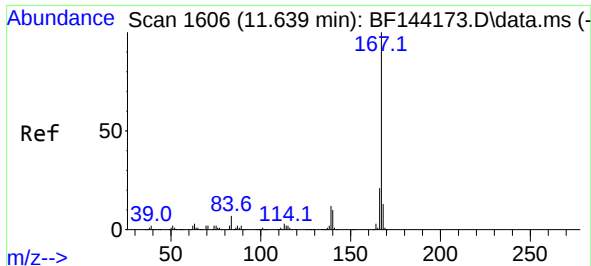
Tgt Ion:178 Resp: 285375  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.5 23.3  
179 15.1 12.2 18.4



#72  
Anthracene  
Concen: 43.145 ng  
RT: 11.469 min Scan# 1577  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:178 Resp: 283135  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.3 12.0 18.0

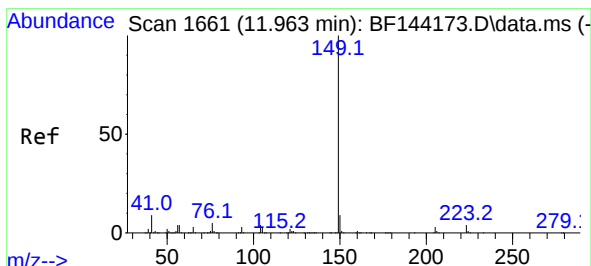
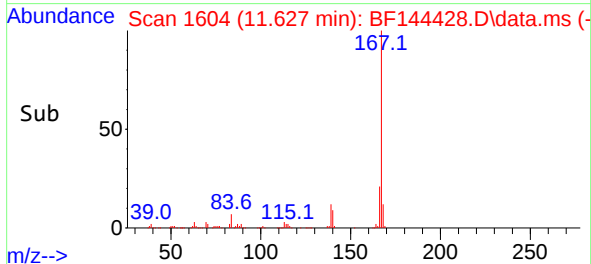
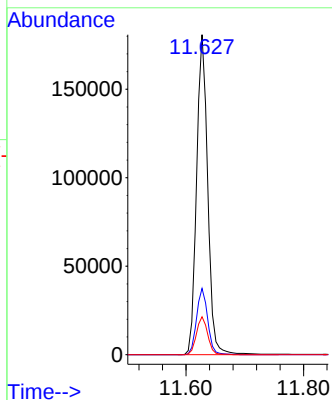
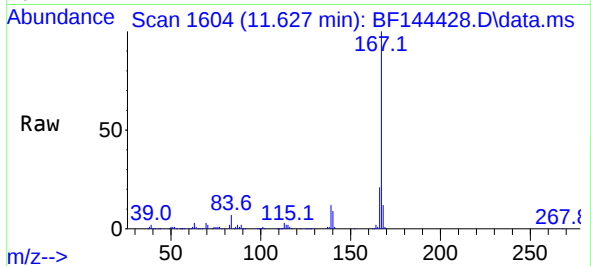




#73  
Carbazole  
Concen: 42.586 ng  
RT: 11.627 min Scan# 1604  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

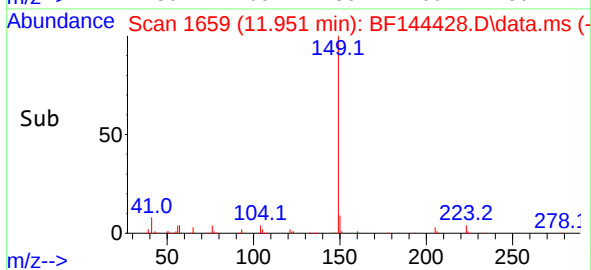
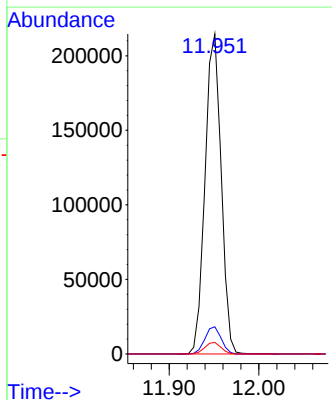
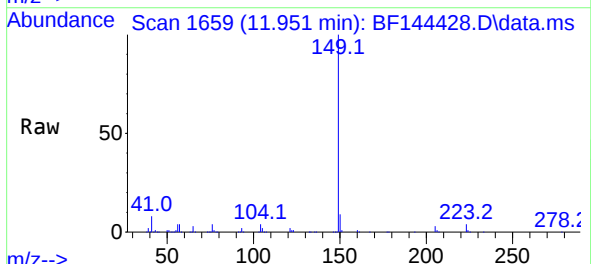
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

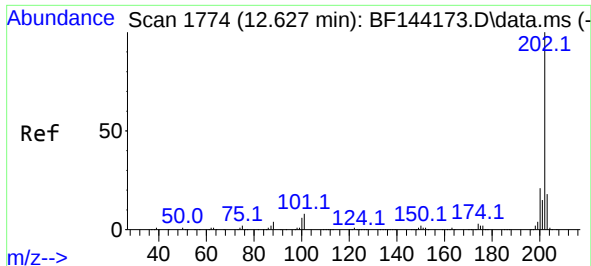
Tgt Ion:167 Resp: 237642  
Ion Ratio Lower Upper  
167 100  
166 20.7 17.2 25.8  
139 11.8 9.9 14.9



#74  
Di-n-butylphthalate  
Concen: 39.662 ng  
RT: 11.951 min Scan# 1659  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:149 Resp: 267557  
Ion Ratio Lower Upper  
149 100  
150 8.5 7.4 11.0  
104 3.6 3.4 5.2

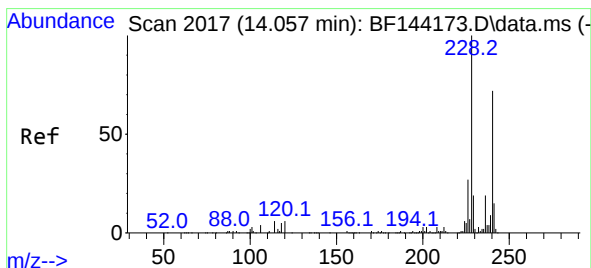
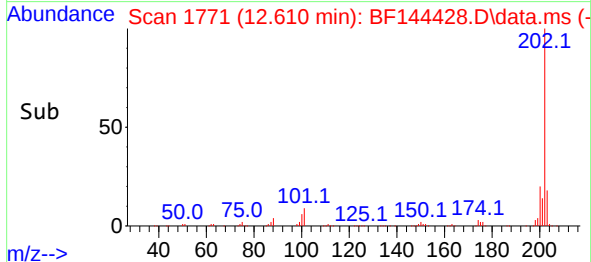
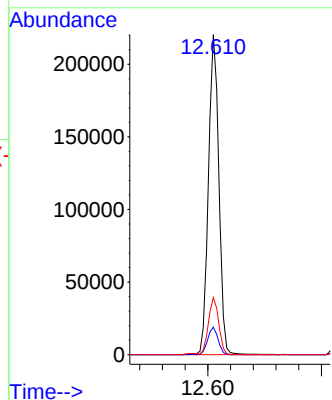
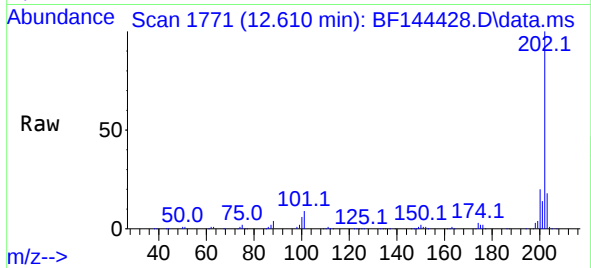




#75  
Fluoranthene  
Concen: 41.884 ng  
RT: 12.610 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

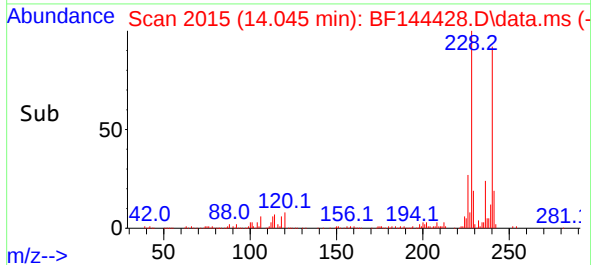
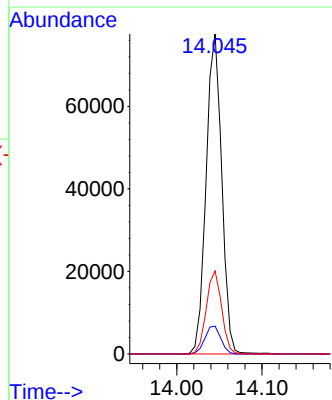
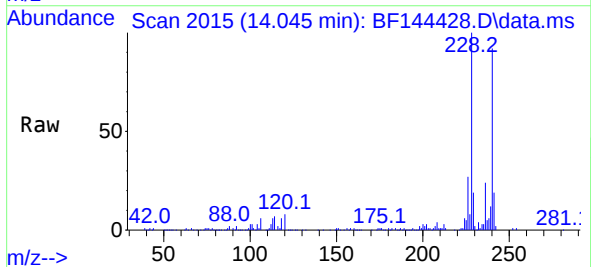
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

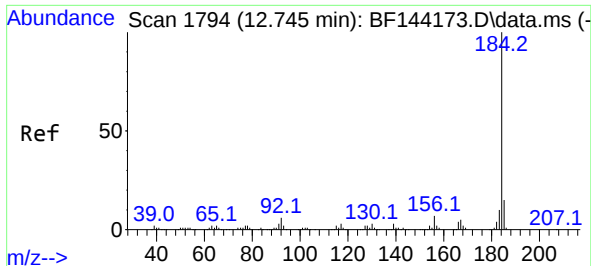
Tgt Ion:202 Resp: 279233  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 27.9  
203 17.9 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:240 Resp: 98469  
Ion Ratio Lower Upper  
240 100  
120 8.7 6.6 10.0  
236 25.9 21.4 32.2

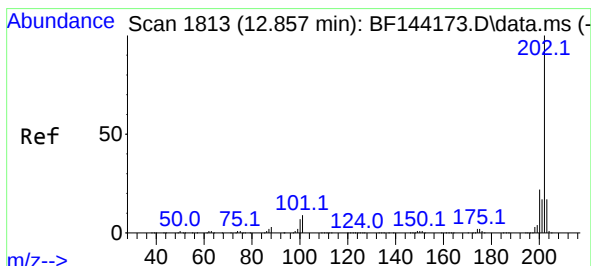
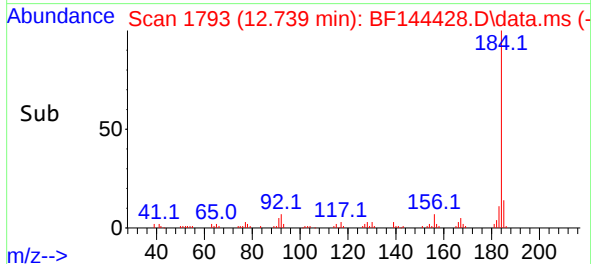
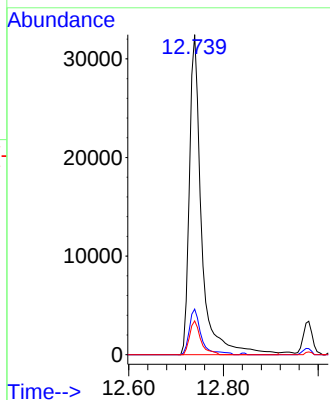
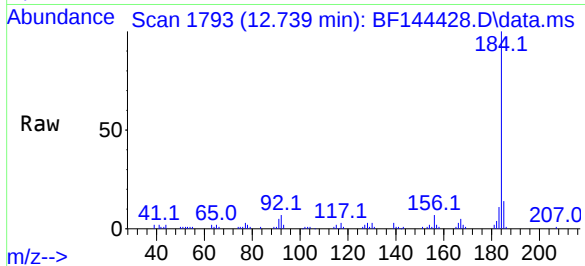




#77  
Benzidine  
Concen: 19.865 ng  
RT: 12.739 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

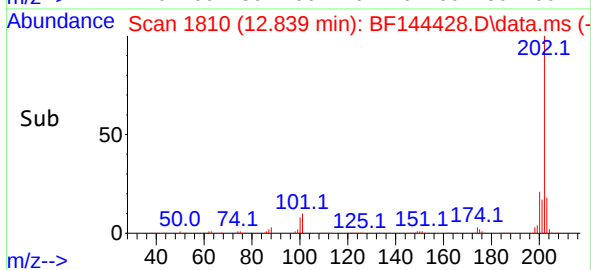
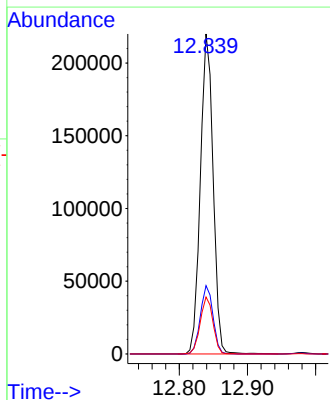
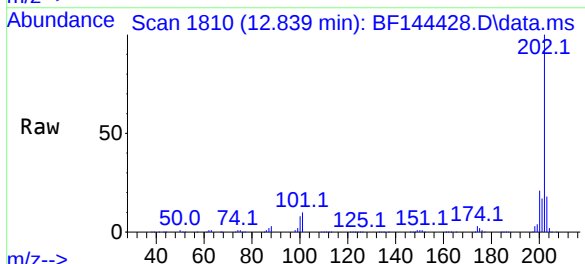
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

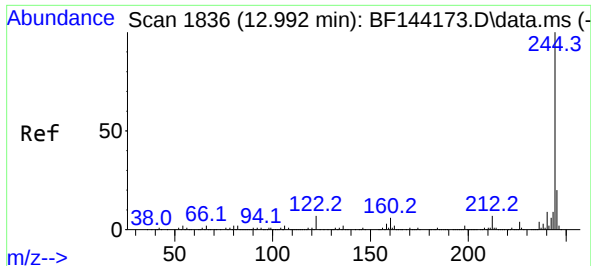
Tgt Ion:184 Resp: 57861  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.7 17.5  
183 10.6 8.3 12.5



#78  
Pyrene  
Concen: 35.993 ng  
RT: 12.839 min Scan# 1810  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

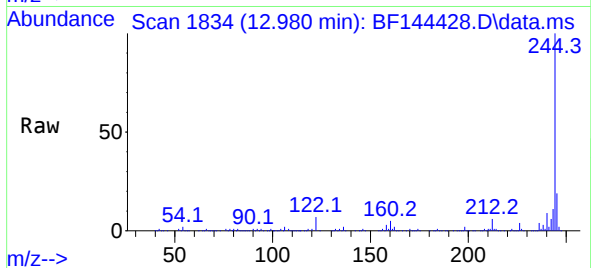
Tgt Ion:202 Resp: 285762  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.2 25.8  
203 17.8 13.7 20.5



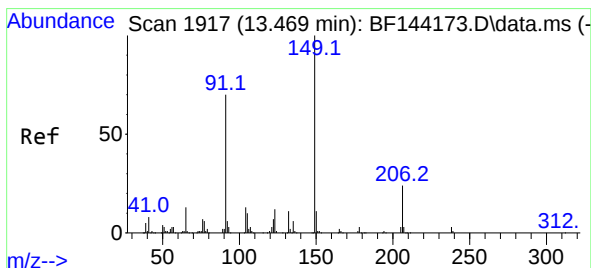
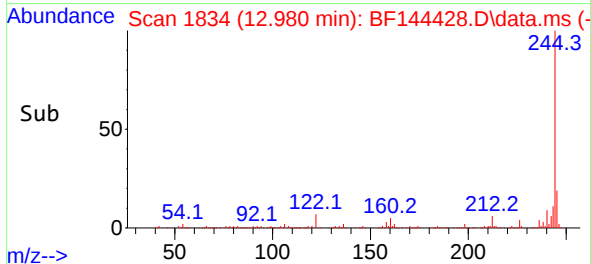
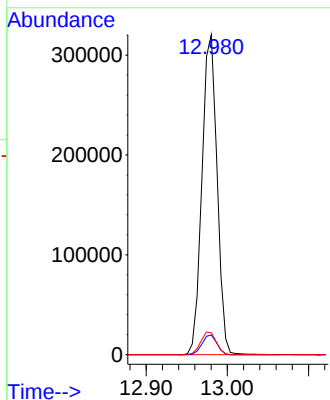


#79  
Terphenyl-d14  
Concen: 66.821 ng  
RT: 12.980 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

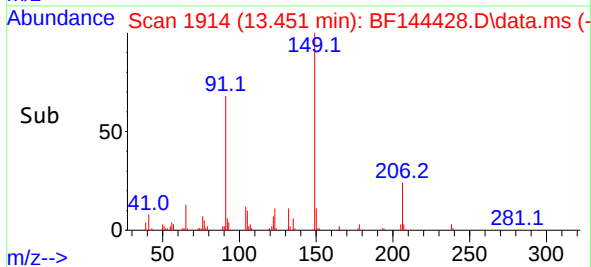
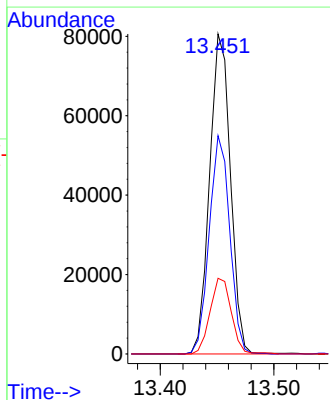
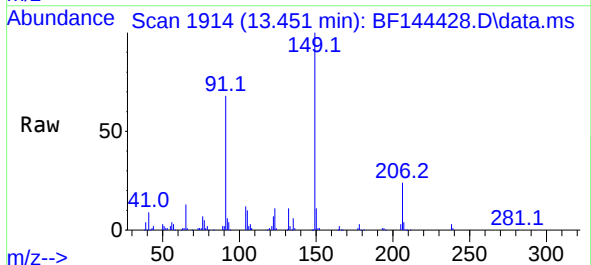


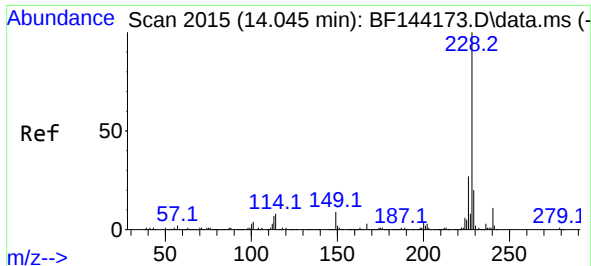
Tgt Ion:244 Resp: 414241  
Ion Ratio Lower Upper  
244 100  
212 6.2 5.3 7.9  
122 6.8 5.6 8.4



#80  
Butylbenzylphthalate  
Concen: 37.270 ng  
RT: 13.451 min Scan# 1914  
Delta R.T. -0.018 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

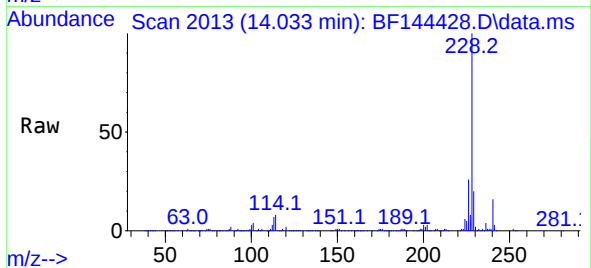
Tgt Ion:149 Resp: 102556  
Ion Ratio Lower Upper  
149 100  
91 68.2 56.1 84.1  
206 23.7 18.8 28.2



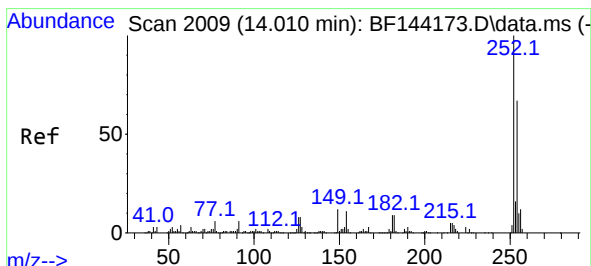
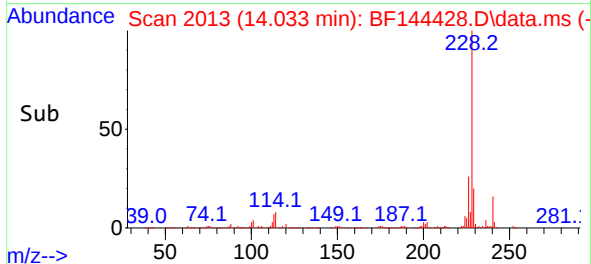
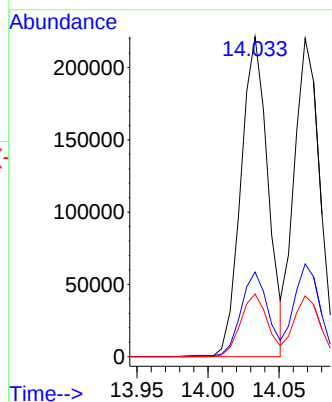


#81  
Benzo(a)anthracene  
Concen: 43.094 ng  
RT: 14.033 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

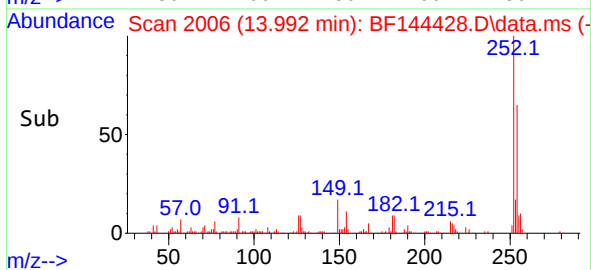
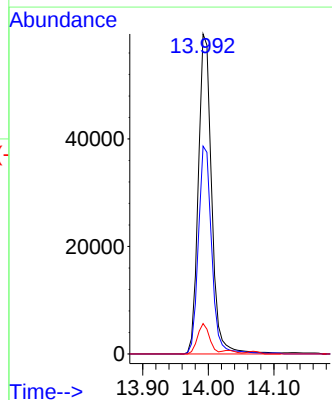
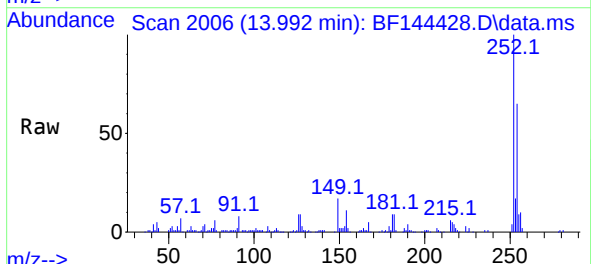


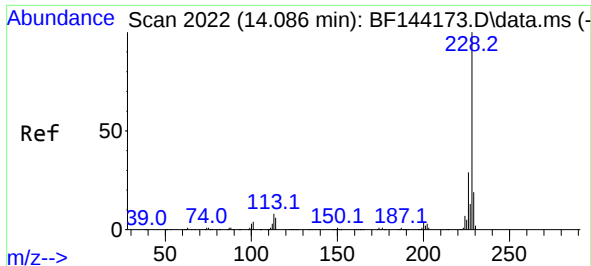
Tgt Ion:228 Resp: 294104  
Ion Ratio Lower Upper  
228 100  
226 26.4 21.8 32.8  
229 19.6 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 36.031 ng  
RT: 13.992 min Scan# 2006  
Delta R.T. -0.018 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:252 Resp: 84287  
Ion Ratio Lower Upper  
252 100  
254 64.9 53.5 80.3  
126 9.5 6.4 9.6

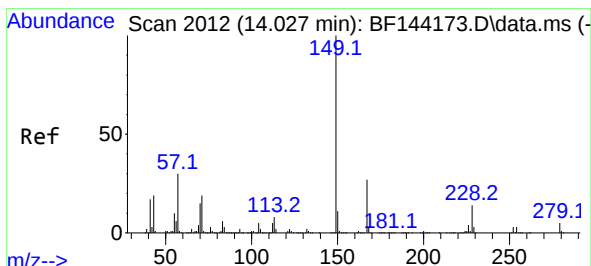
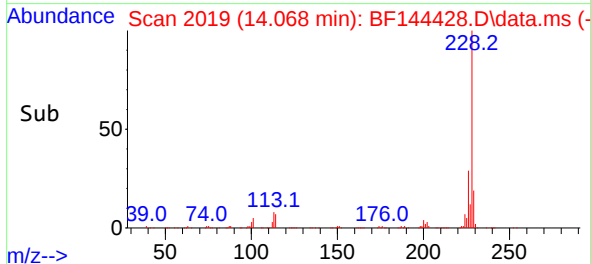
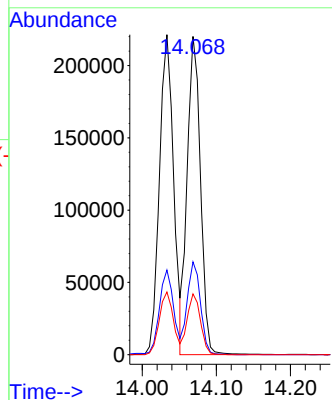
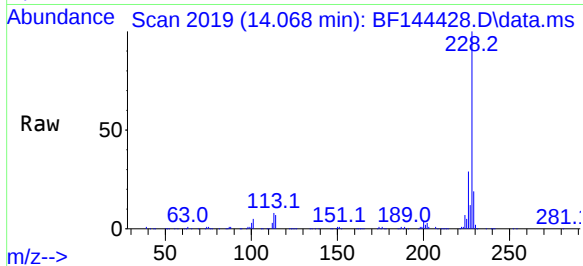




#83  
Chrysene  
Concen: 43.544 ng  
RT: 14.068 min Scan# 2009  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

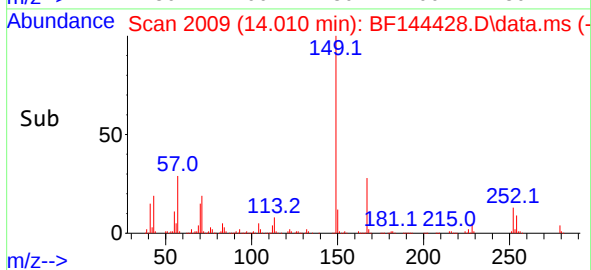
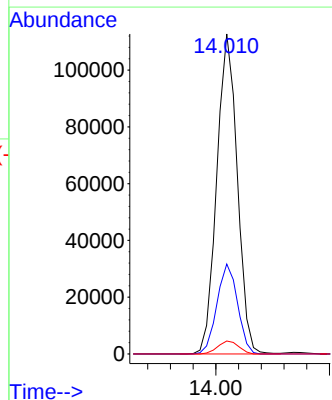
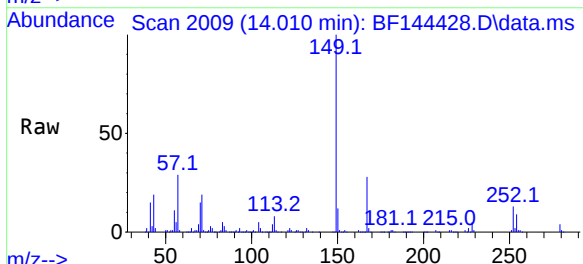
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

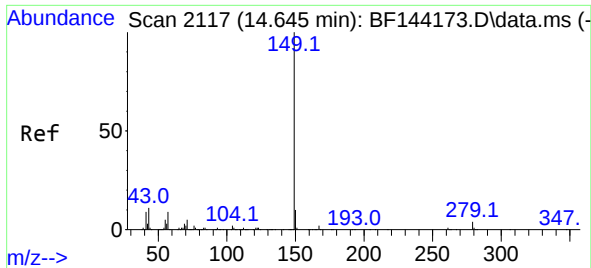
Tgt Ion:228 Resp: 274331  
Ion Ratio Lower Upper  
228 100  
226 29.1 22.9 34.3  
229 19.1 15.0 22.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 37.581 ng  
RT: 14.010 min Scan# 2009  
Delta R.T. -0.018 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:149 Resp: 141564  
Ion Ratio Lower Upper  
149 100  
167 28.1 21.8 32.8  
279 4.1 3.7 5.5

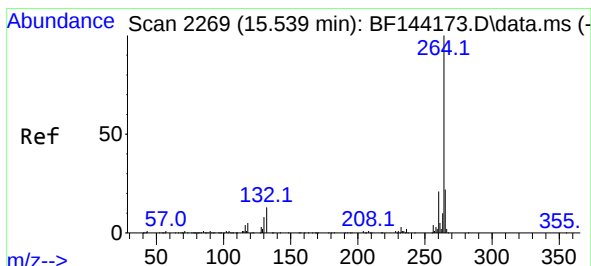
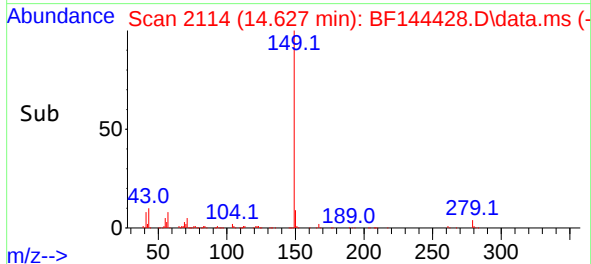
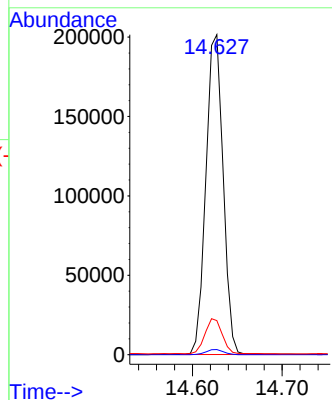
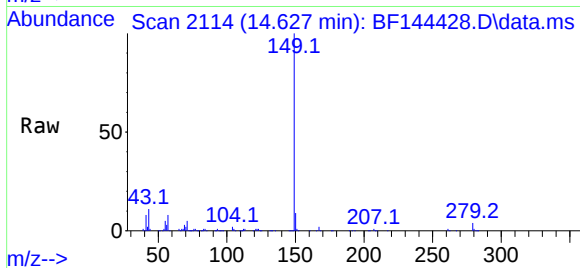




#85  
Di-n-octyl phthalate  
Concen: 41.328 ng  
RT: 14.627 min Scan# 2114  
Delta R.T. -0.018 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

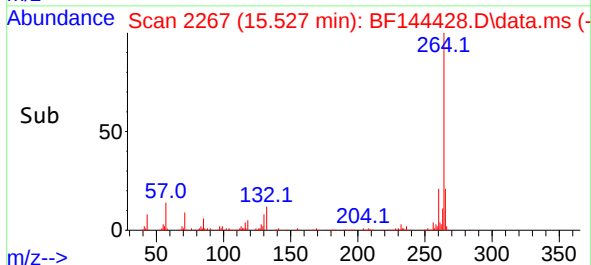
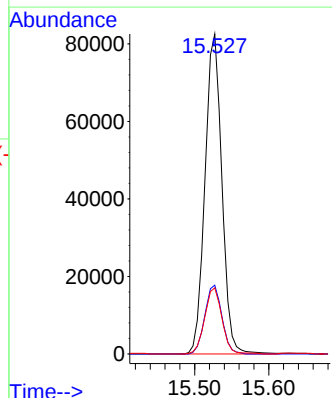
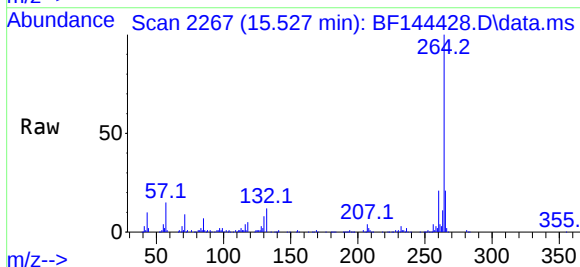
Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

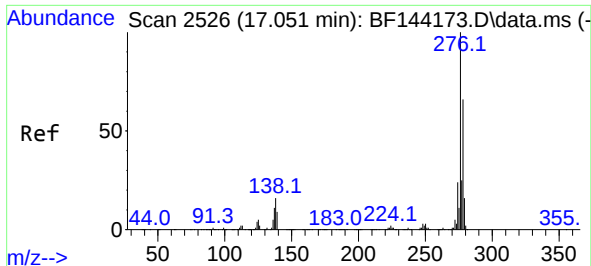
Tgt Ion:149 Resp: 268601  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.2 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.527 min Scan# 2267  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:264 Resp: 130752  
Ion Ratio Lower Upper  
264 100  
260 21.5 17.1 25.7  
265 20.6 17.4 26.0

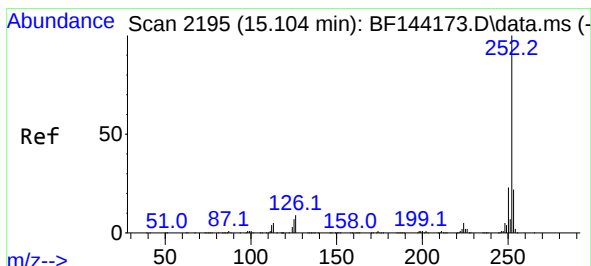
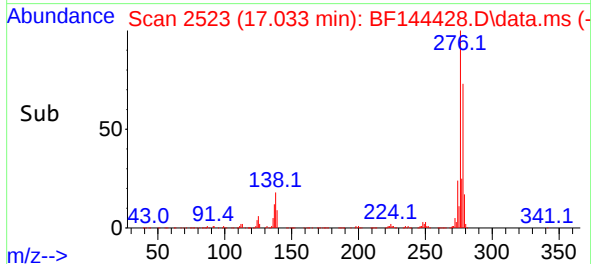
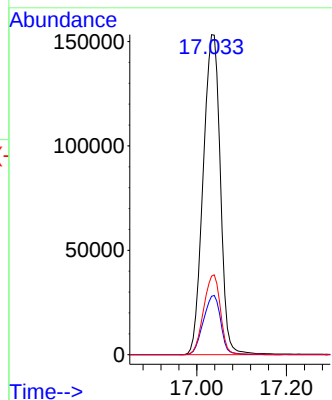
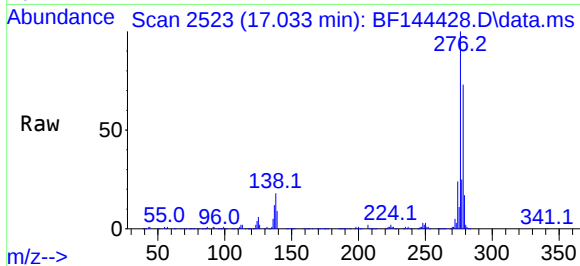




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.358 ng  
 RT: 17.033 min Scan# 2193  
 Delta R.T. -0.000 min  
 Lab File: BF144428.D  
 Acq: 04 Dec 2025 13:59

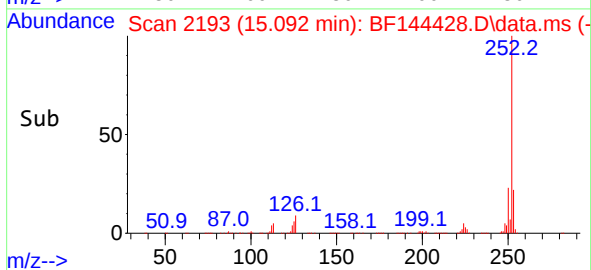
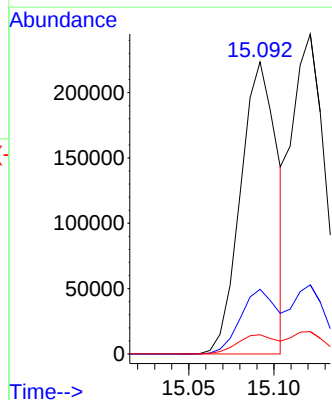
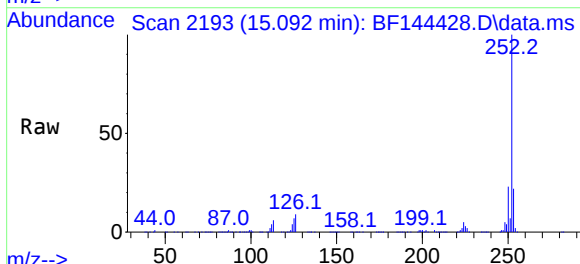
Instrument :  
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 ClientSampleId :  
 PB170823BS

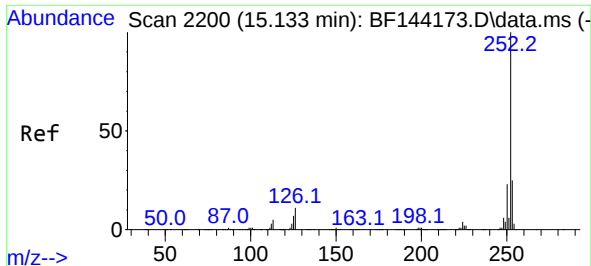
Tgt Ion:276 Resp: 406955  
 Ion Ratio Lower Upper  
 276 100  
 138 18.7 13.9 20.9  
 277 24.5 19.8 29.6



#88  
 Benzo(b)fluoranthene  
 Concen: 44.761 ng  
 RT: 15.092 min Scan# 2193  
 Delta R.T. -0.006 min  
 Lab File: BF144428.D  
 Acq: 04 Dec 2025 13:59

Tgt Ion:252 Resp: 332732  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.4 26.2  
 125 6.6 5.3 7.9

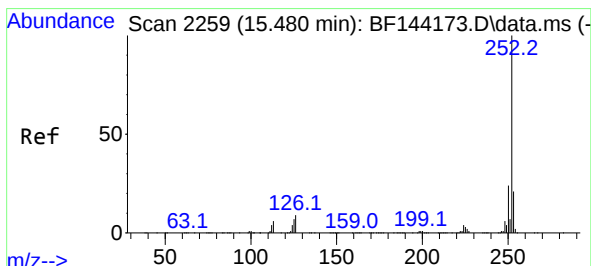
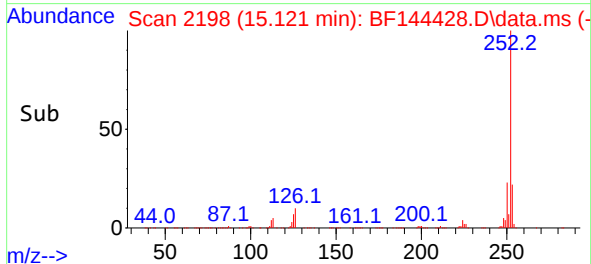
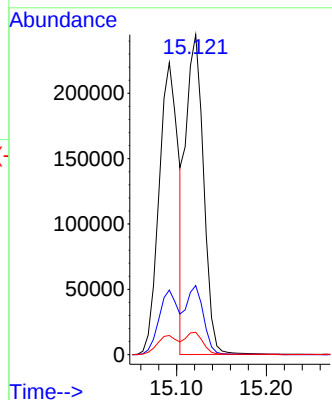
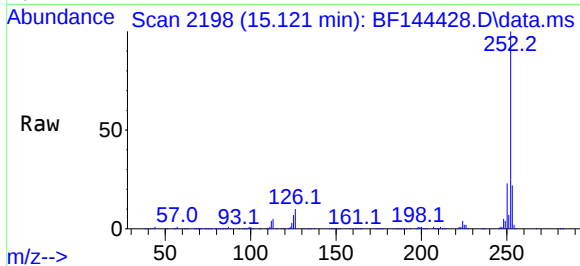




#89  
Benzo(k)fluoranthene  
Concen: 47.849 ng  
RT: 15.121 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

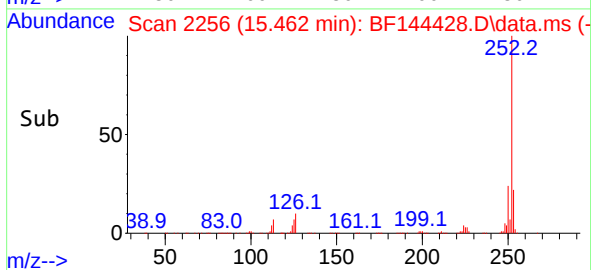
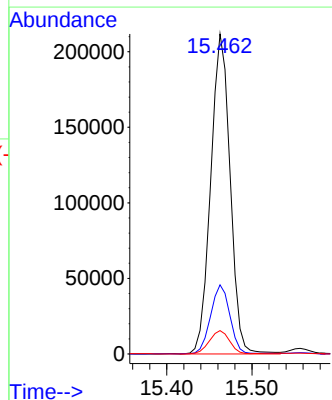
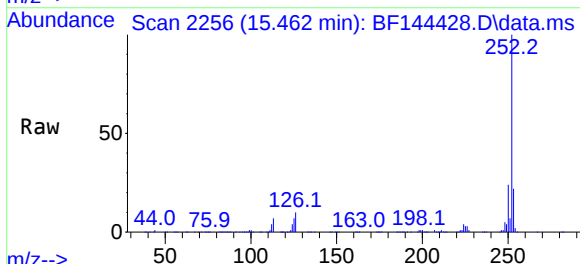
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BNA\_F  
ClientSampleId :  
PB170823BS

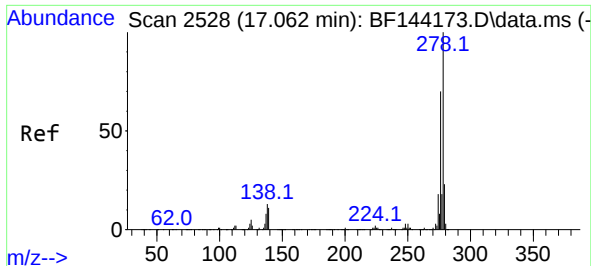
Tgt Ion:252 Resp: 332921  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.0 27.0  
125 7.0 5.4 8.2



#90  
Benzo(a)pyrene  
Concen: 48.888 ng  
RT: 15.462 min Scan# 2256  
Delta R.T. -0.012 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:252 Resp: 335262  
Ion Ratio Lower Upper  
252 100  
253 21.6 16.7 25.1  
125 7.3 5.7 8.5

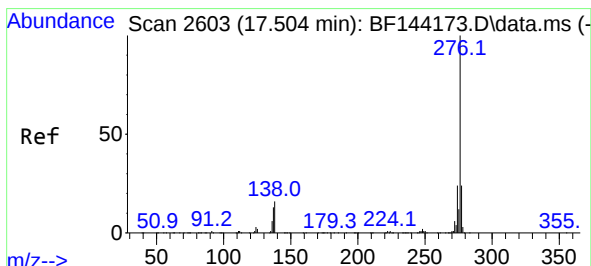
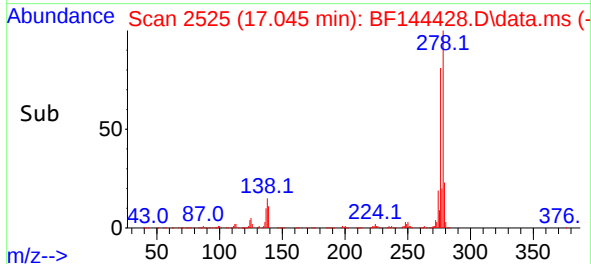
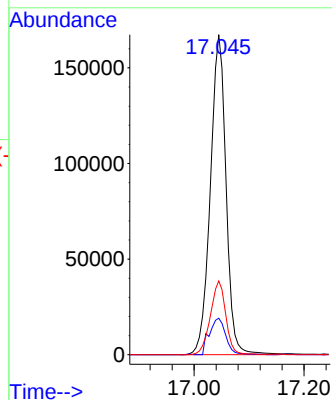
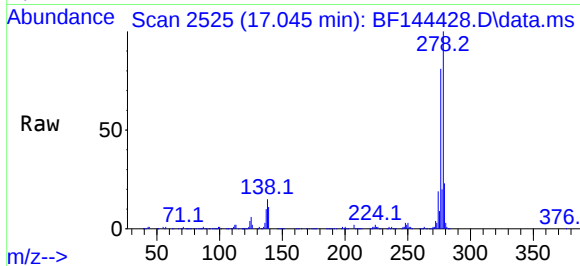




#91  
Dibenzo(a,h)anthracene  
Concen: 44.038 ng  
RT: 17.045 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB170823BS

Tgt Ion:278 Resp: 331955  
Ion Ratio Lower Upper  
278 100  
139 11.4 9.1 13.7  
279 23.1 18.2 27.4



#92  
Benzo(g,h,i)perylene  
Concen: 45.004 ng  
RT: 17.486 min Scan# 2600  
Delta R.T. -0.006 min  
Lab File: BF144428.D  
Acq: 04 Dec 2025 13:59

Tgt Ion:276 Resp: 334996  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.0 28.4  
138 16.3 12.9 19.3

