

Figure 1. Temperature profiles in proxy reactors with highest water vol% loading for different sand bath set point temperatures

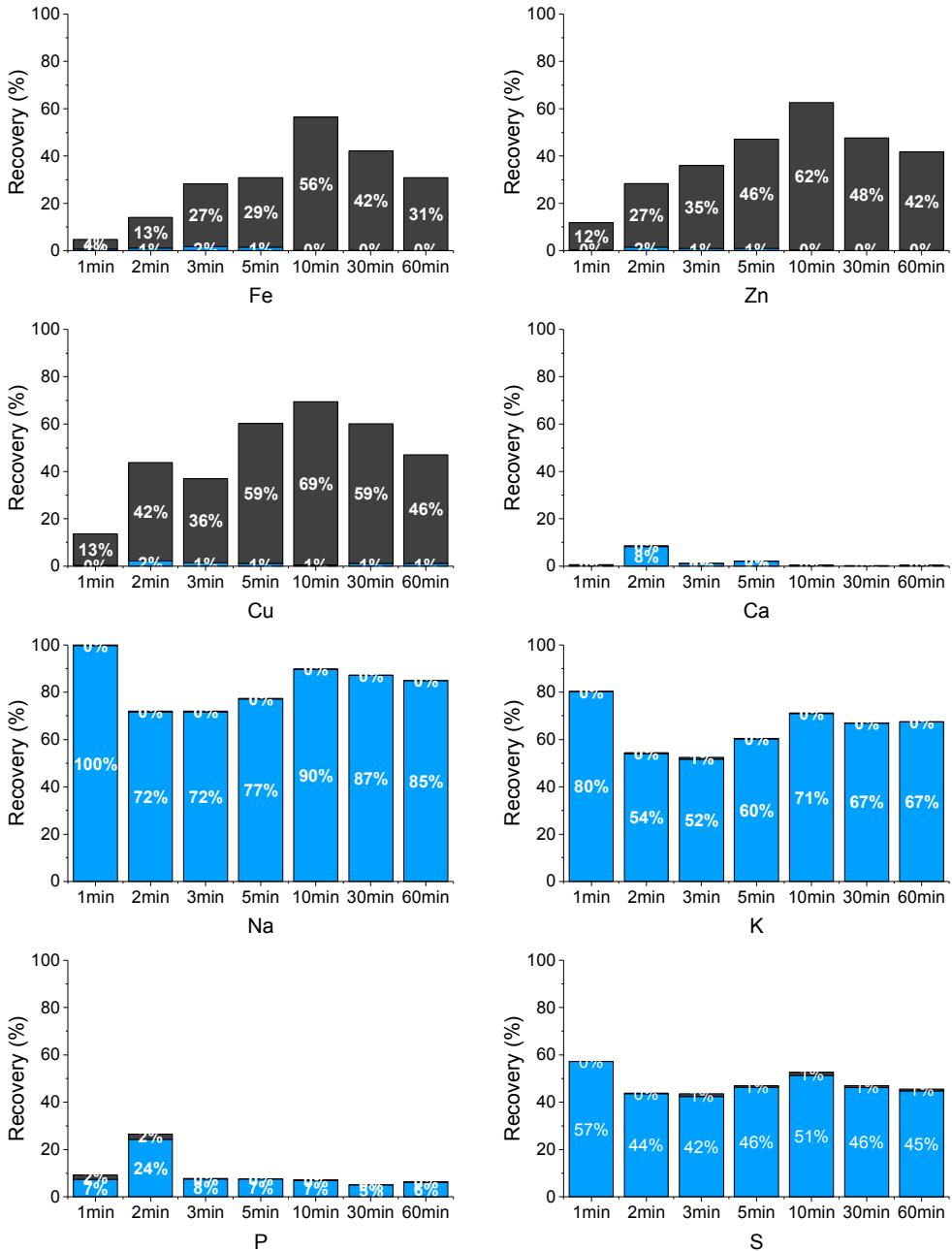


Figure 2. Recoveries (%) of different biomass elements in the aqueous phase (blue) and biocrude phase (black) after HTL at 350 °C (15 wt% algae loading, highest water vol %, Runs 1-7)

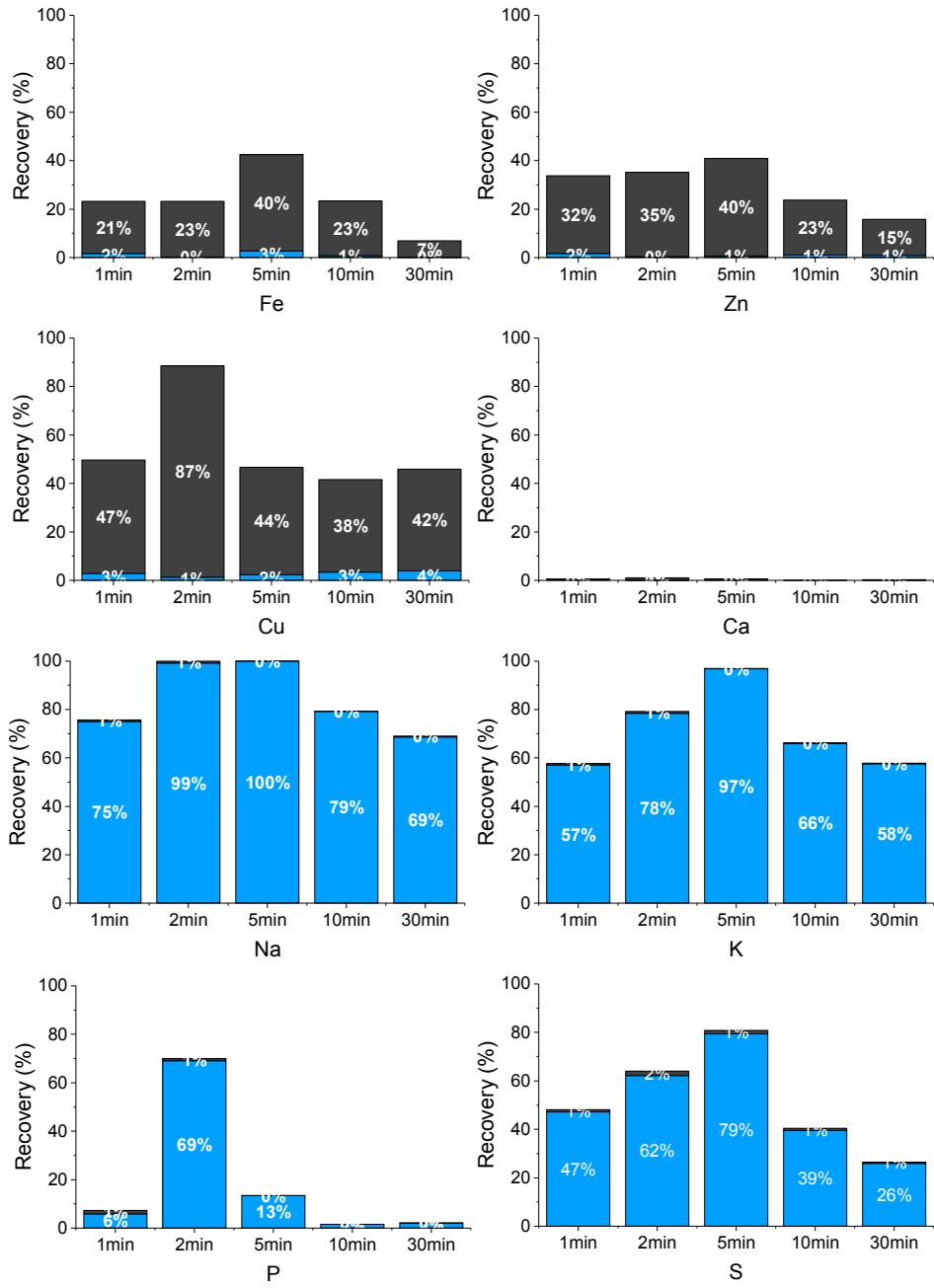


Figure 3. Recoveries (%) of different biomass elements in the aqueous phase (blue) and biocrude phase (black) after HTL at 450 °C (15 wt% algae loading, Runs 25-29)

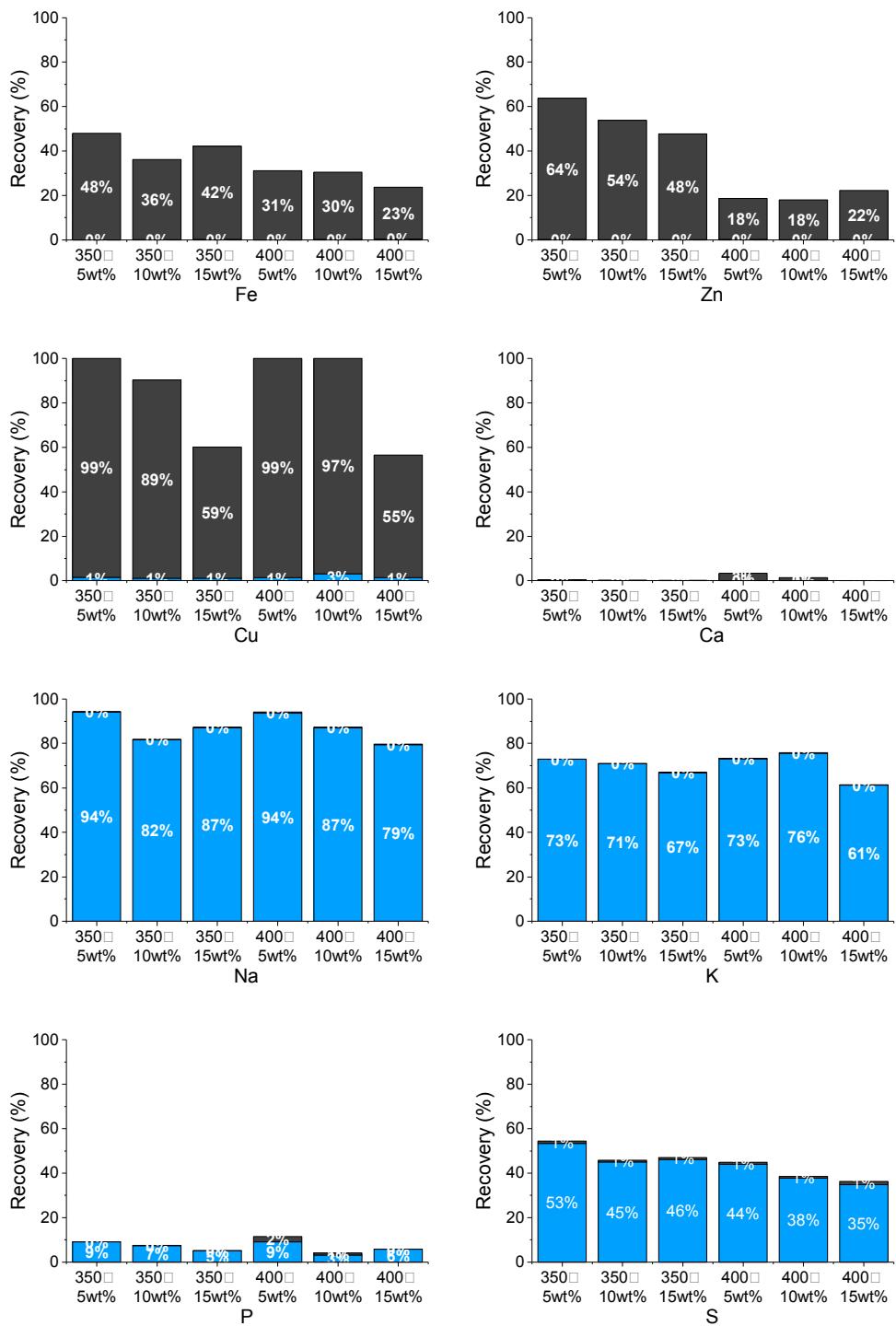


Figure 4. Recoveries (%) of different biomass elements in the aqueous phase (blue) and biocrude phase (black) after HTL with different algae loadings at 350 and 400 °C for 30 min (Runs 6,8,9,18,20,21)

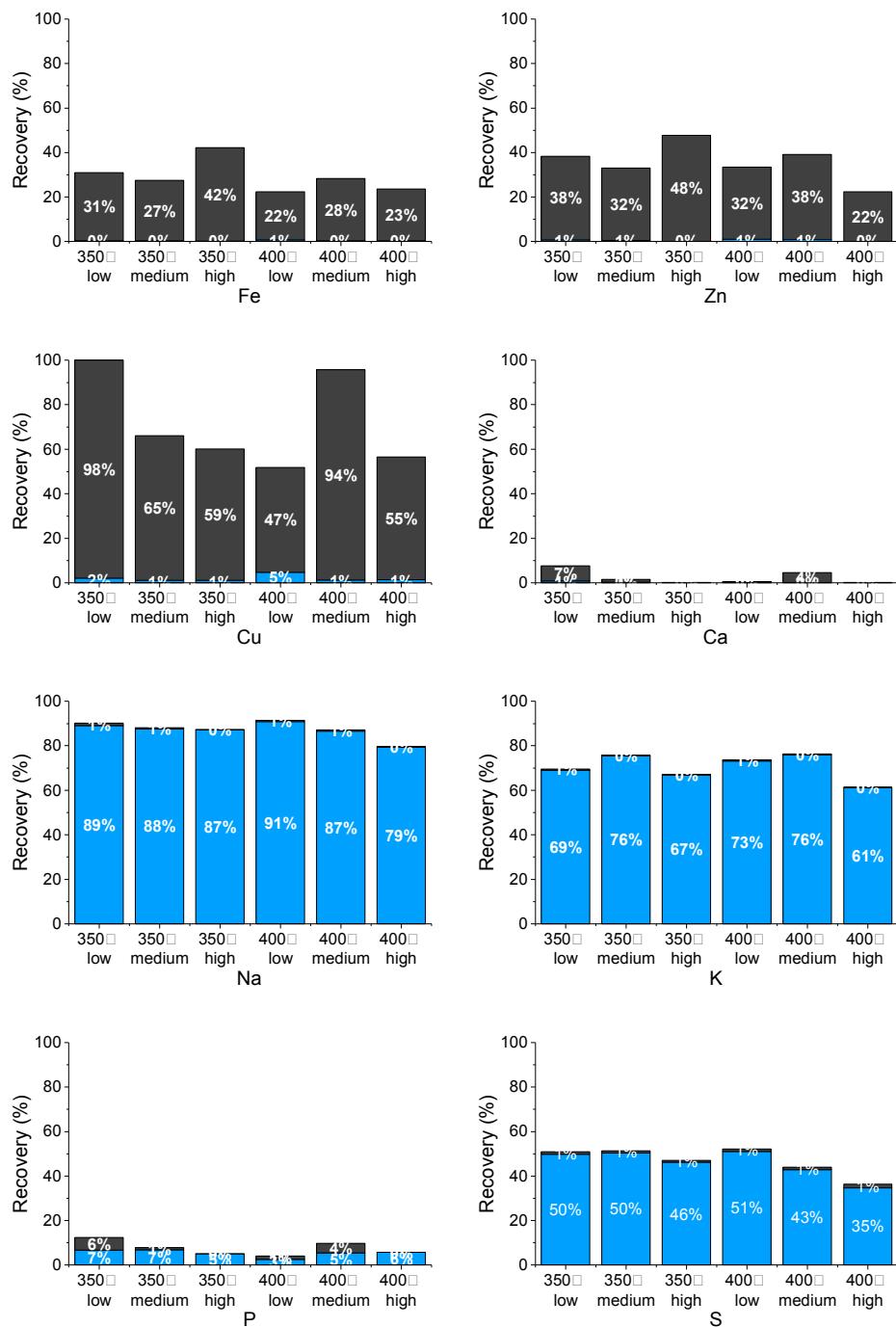


Figure 5. Recoveries (%) of different biomass elements in the aqueous phase (blue) and biocrude phase (black) after HTL with different water loadings at 350 and 400 °C for 30 min (Runs 6,10,11,18,22,23)