**Figure S5:** Principal Coordinate Analysis (OTU level) based on Unifrac (weighted or unweighted), or Bray-Curtis distances (each PCoA uses one measure) of the A) anode-biofilm communities: BLANK: control of filtered wastewater with a clean anode, Cluster I: EDC, EDC+B, EDC+FWW, EDC+B—WW, Cluster II: EDC+WW, Cluster III: control – MFC supplemented with wastewater (WW) and clean anode B) plankton communities and C) plankton communities of only clusters II and III at specific time points: day 0 at which wastewater was supplemented with the bioaugmented anode, D1: day 1 after inoculation, D3: day 3, SS: Steady-State – the time at which stable maximal current density was achieved, which varied for each MFC, depending on when the last electrochemical cycle terminated.