Fig. S1. Scheme of an experimental tank.
Fig. S2. Total hydrolysable carbohydrate (TCHO) and amino acids (TAA) concentrations in the six tanks (controls: C1, C2; dust addition under present conditions of temperature and pH: D1, D2; dust addition under future conditions of temperature and pH: G1 and G2) during the three experiments (TYR, ION and FAST). The dashed vertical line indicates the time of seeding (after t0).
Fig. S3. Isotopic signature of dissolved inorganic carbon (δ¹³C-Cᵣ) and incorporation of ¹³C into dissolved organic carbon (δ¹³C-DOC) in the six tanks (controls: C1, C2; dust addition under present conditions of temperature and pH: D1, D2; dust addition under future conditions of temperature and pH: G1 and G2) during the three experiments (TYR, ION and FAST). The dashed vertical line indicates the time of seeding (after t₀).
Fig. S4. Maximum hydrolysis velocity ($V_m$) of the phosphatase alkaline and leucine aminopeptidase (over 1-2 h incubations) on samples taken in the six tanks (controls: C1, C2; dust addition under present conditions of temperature and pH: D1, D2; dust addition under future conditions of temperature and pH: G1 and G2) during the three experiments (TYR, ION and FAST).