

b)

Degradation: burned

a)

**Degradation: unburned** 

Fig 2. Three degradation pathways of dissolved organic carbon (DOC) across three time points during a seven day incubation period for both treatments. Negative values indicate % DOC loss with 'microbe' representing microbial degradation, 'photo' representing photodegradation, and 'total' representing both microbial and photodegradation. All positive values indiciate % DOC increase.