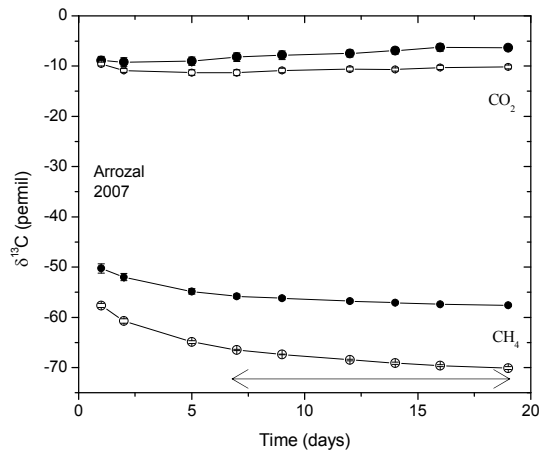
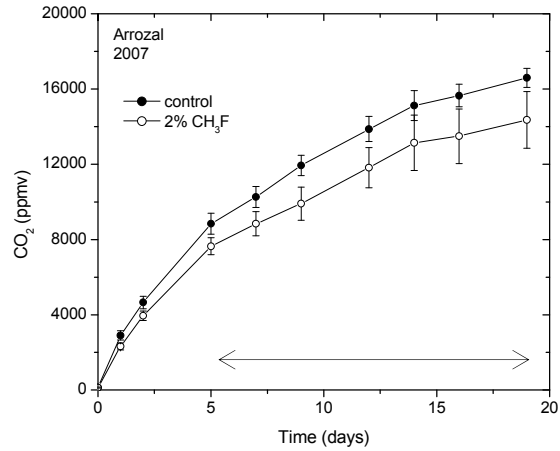
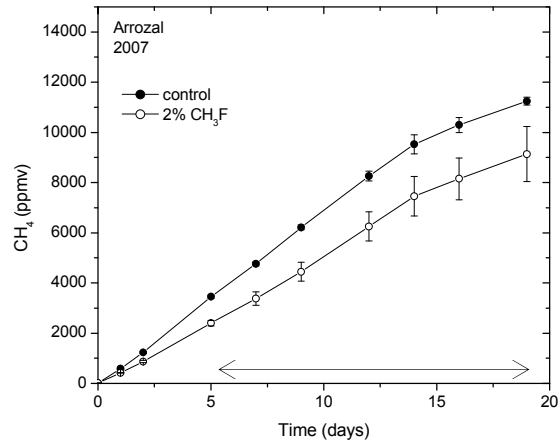


## Supplementary Figures

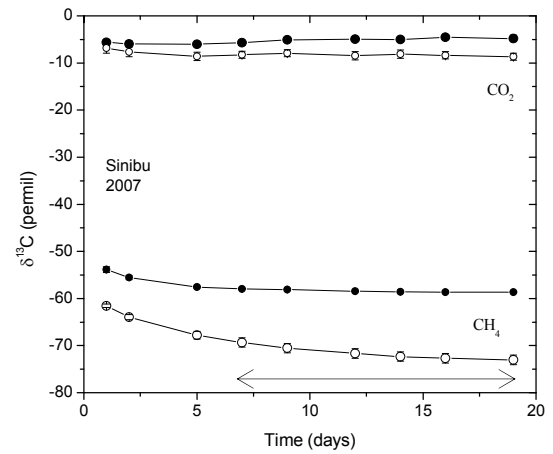
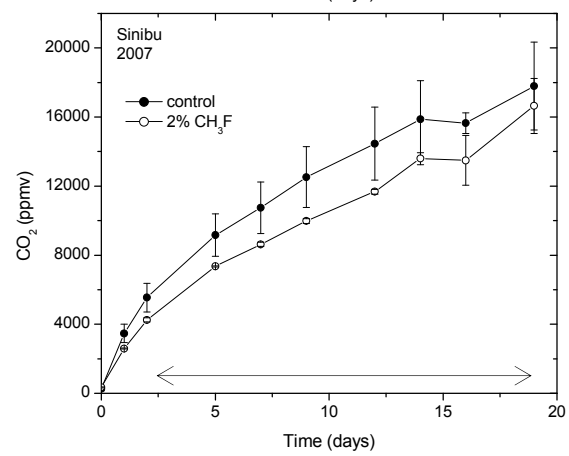
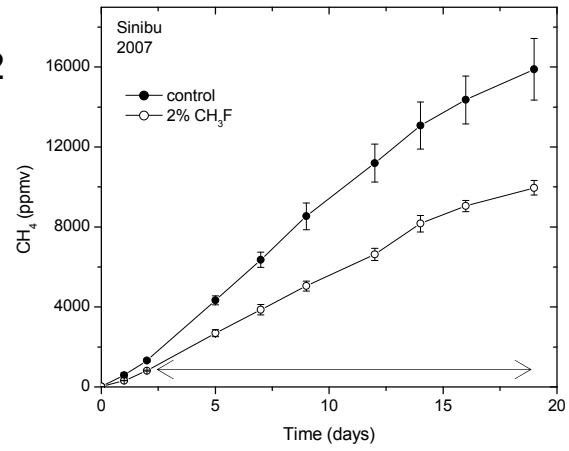
Fig. S1: Production of CH<sub>4</sub> and CO<sub>2</sub> in anaerobically incubated sediment of 16 different lakes in the presence and absence of 2% methyl fluoride; for each of the 16 different lakes there three panels showing (top) accumulation of CH<sub>4</sub> in the headspace; (middle) accumulation of CO<sub>2</sub> in the headspace; (bottom)  $\delta^{13}\text{C}$  of the accumulated CH<sub>4</sub> and CO<sub>2</sub>; average  $\pm$  SE; n = 3. The arrows indicate the period used for averaging data for determination of production rates or average  $\delta^{13}\text{C}$ .

# Suppl. Figure

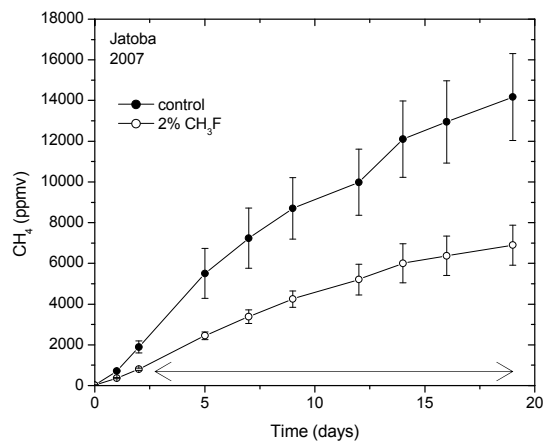
#1



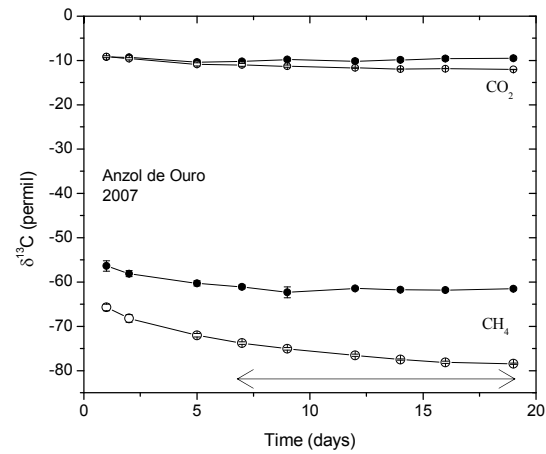
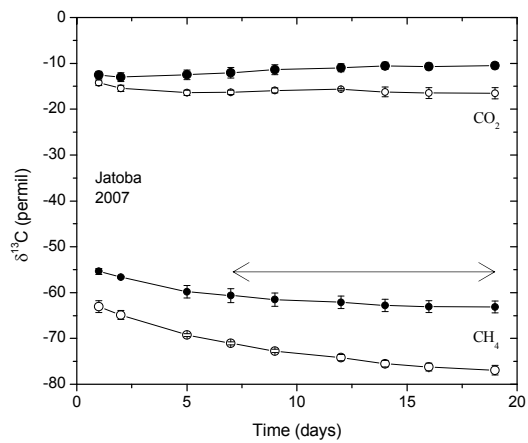
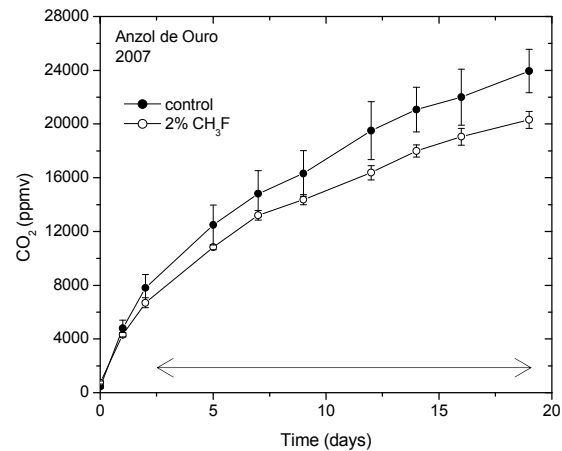
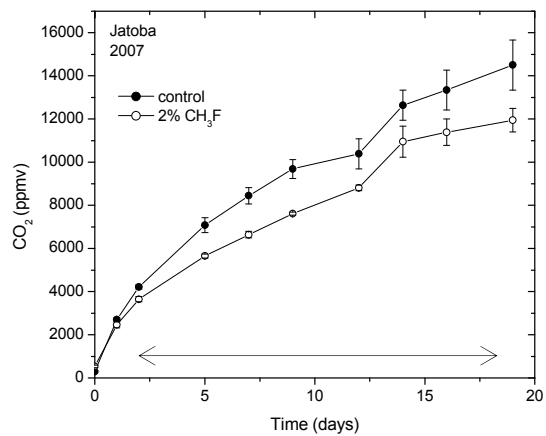
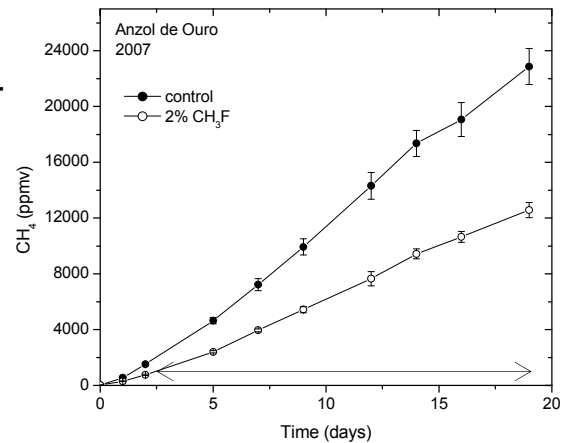
#2



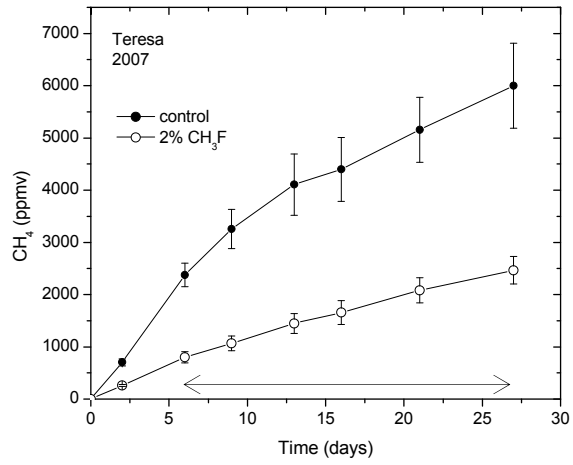
#3



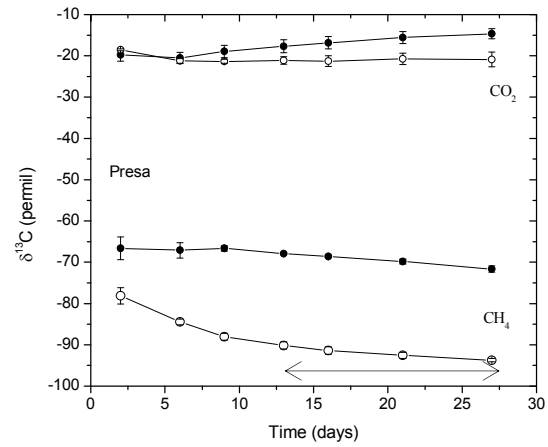
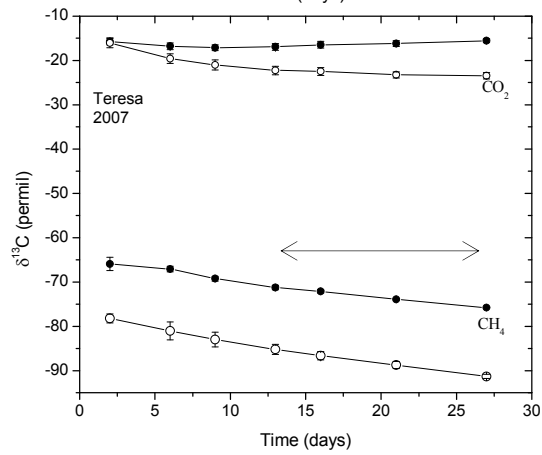
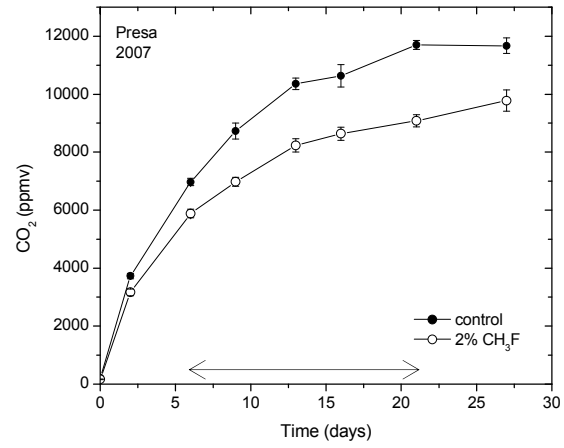
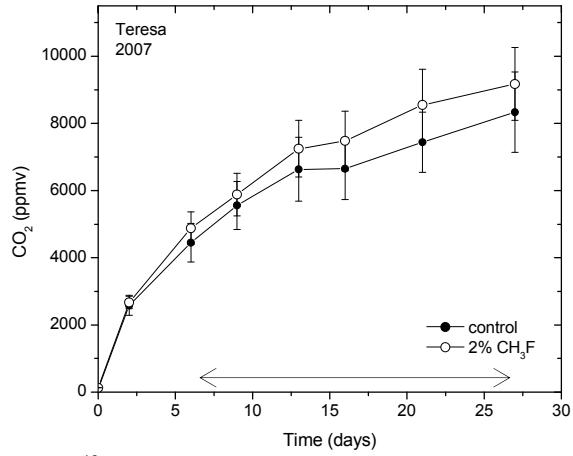
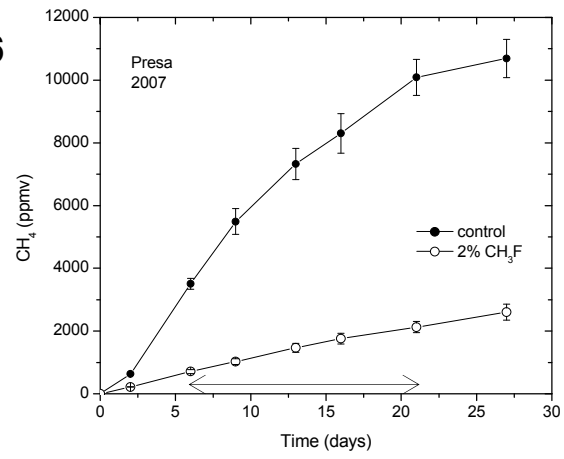
#4



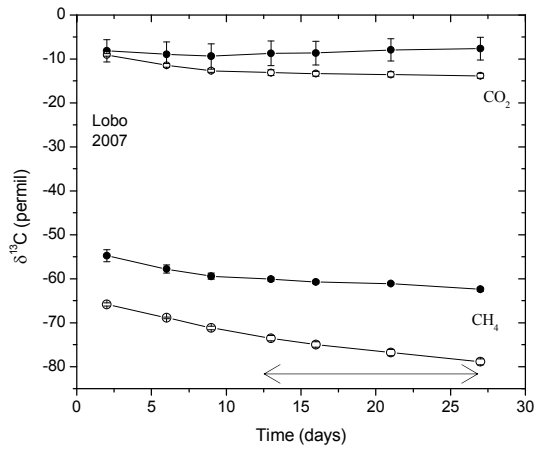
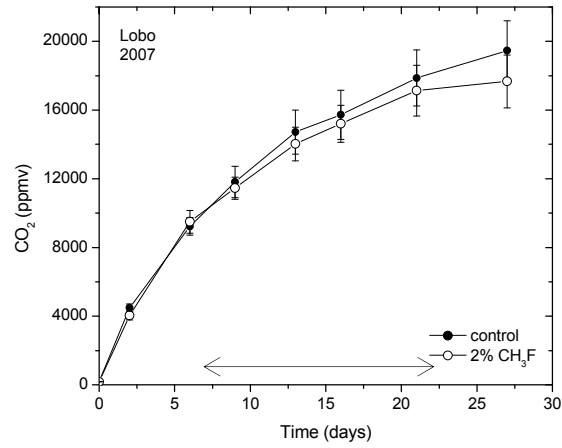
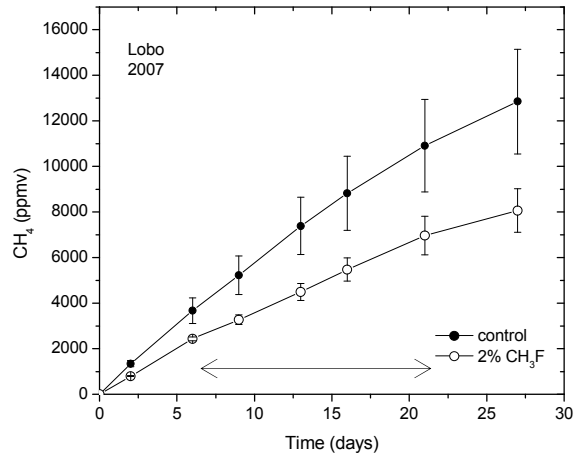
#5



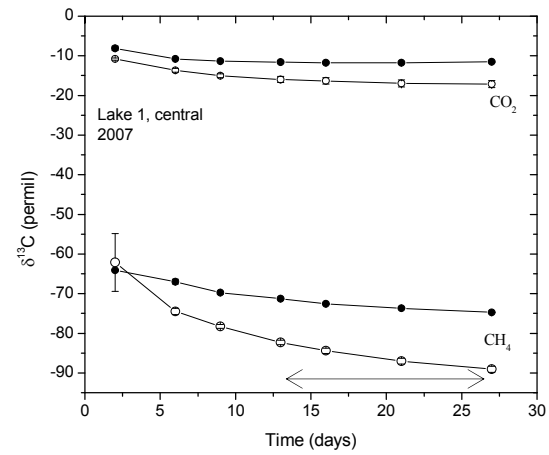
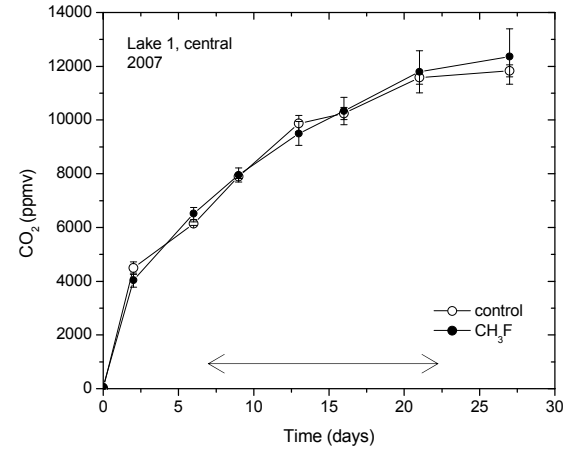
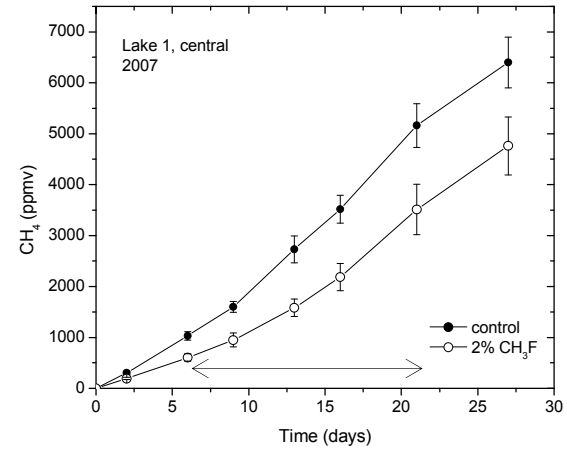
#6

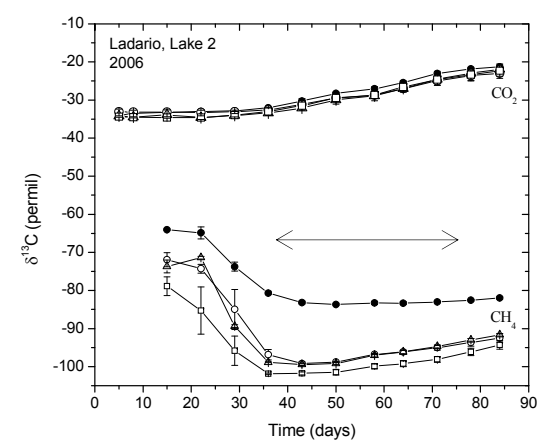
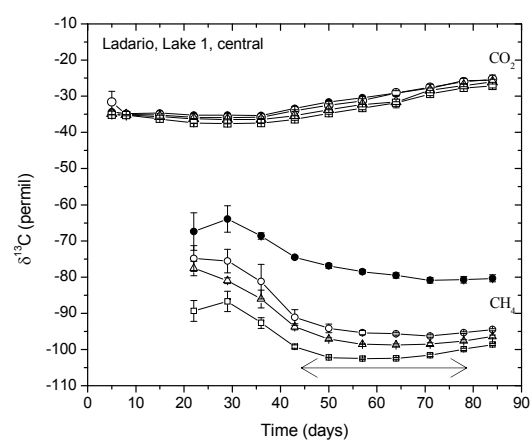
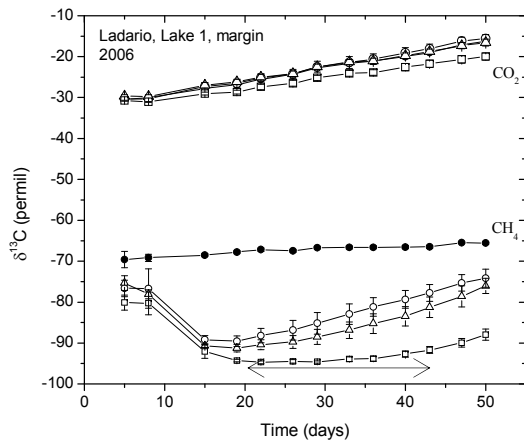
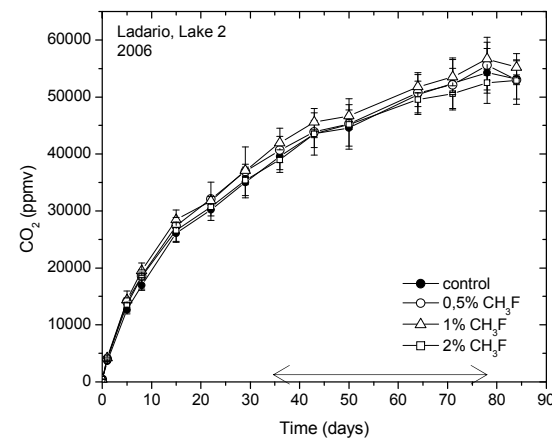
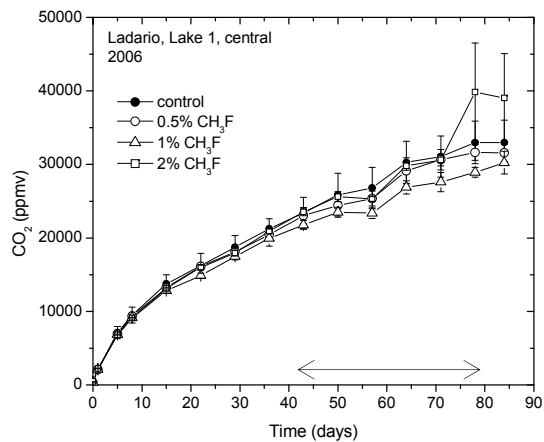
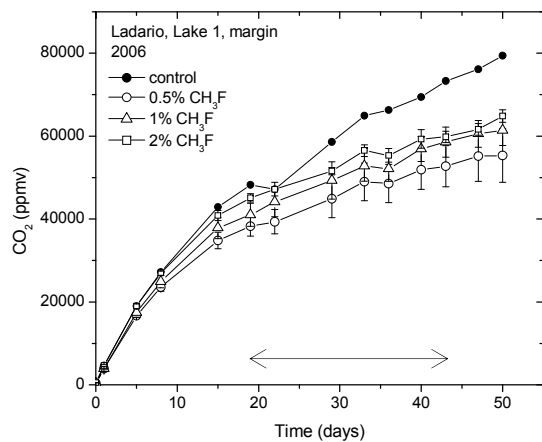
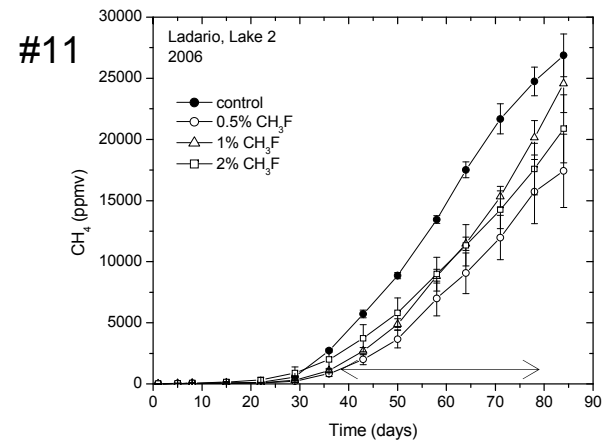
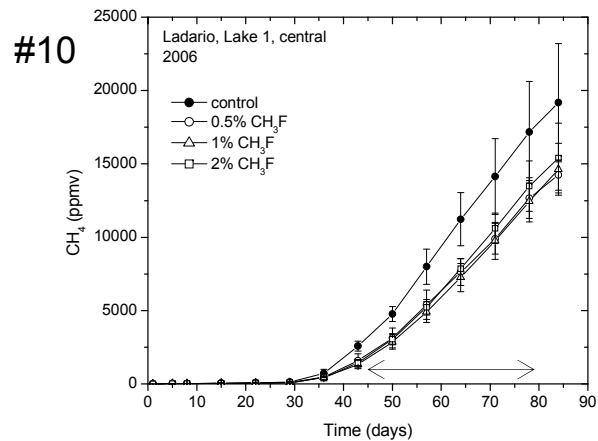
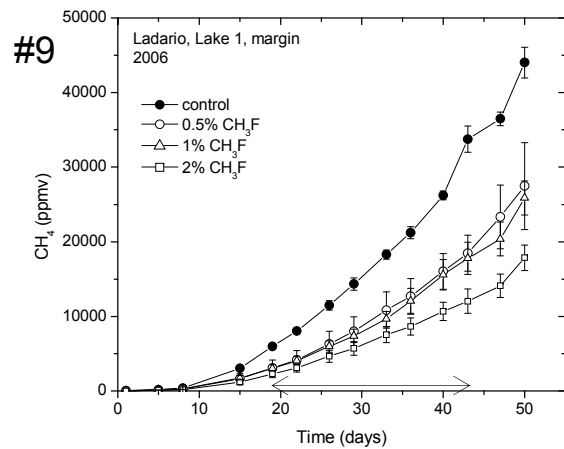


#7

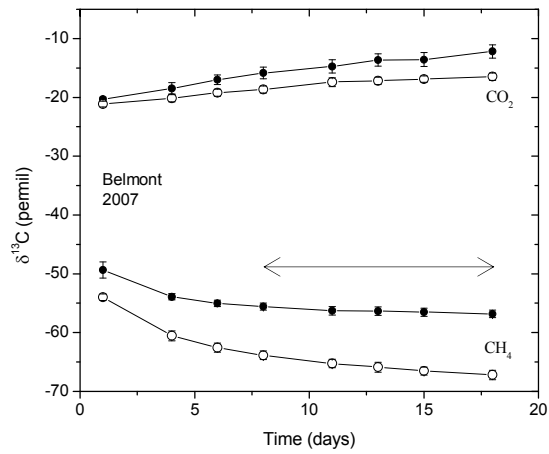
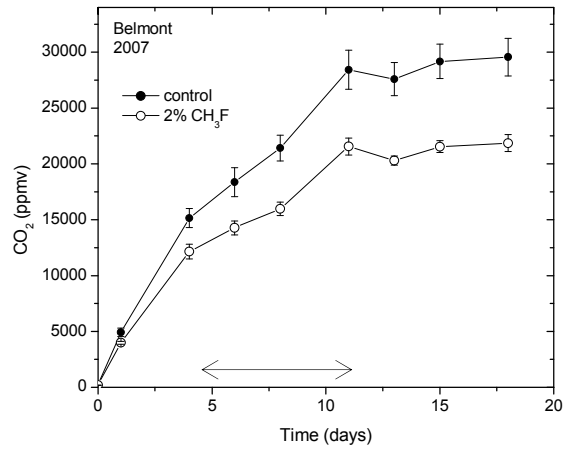
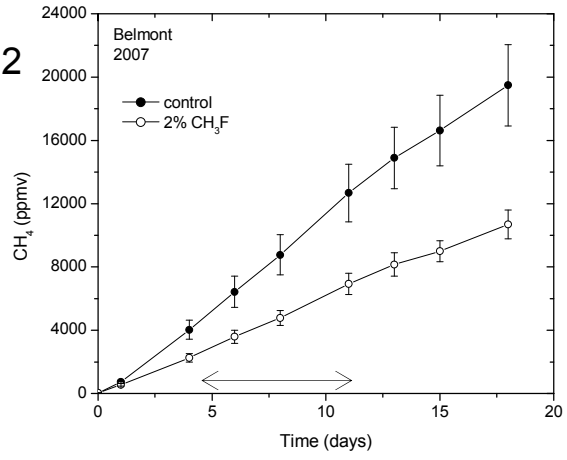


#8

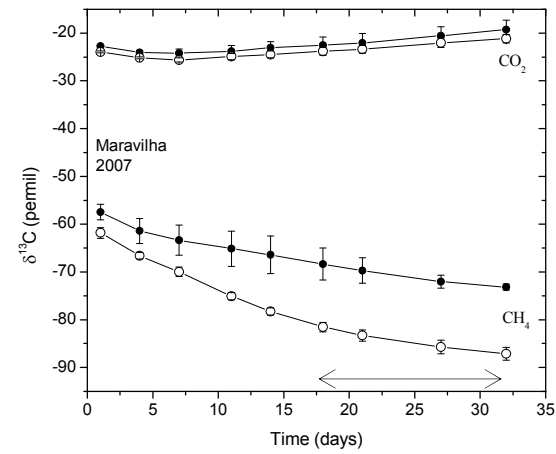
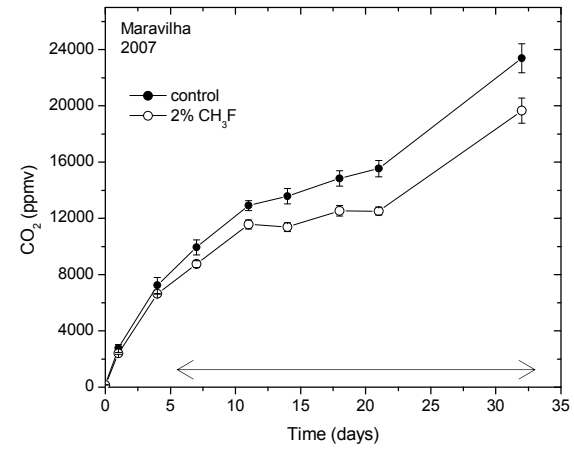
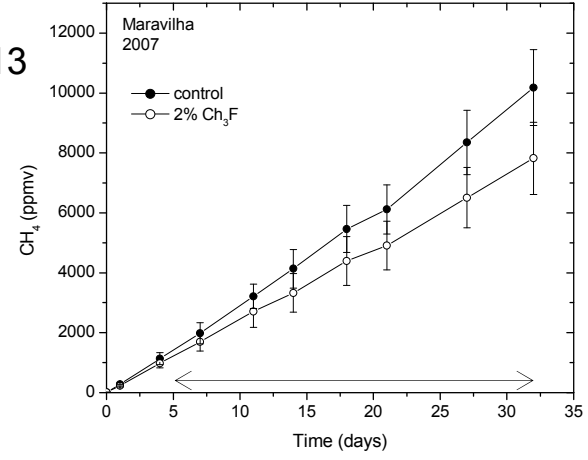


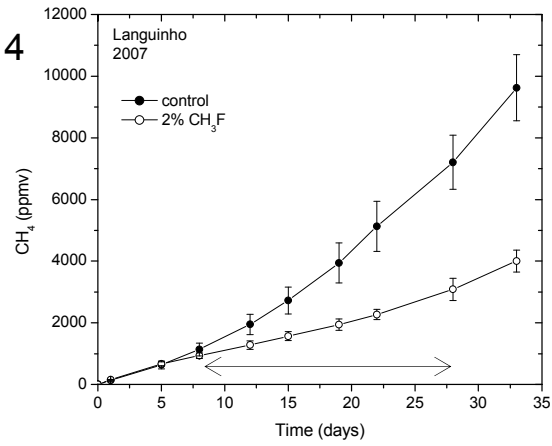
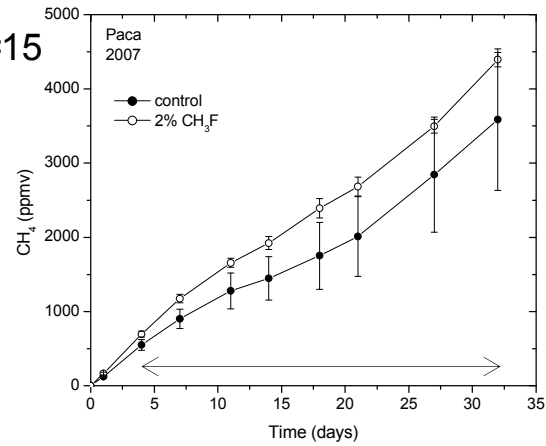


#12



#13



**#14****#15****#16**