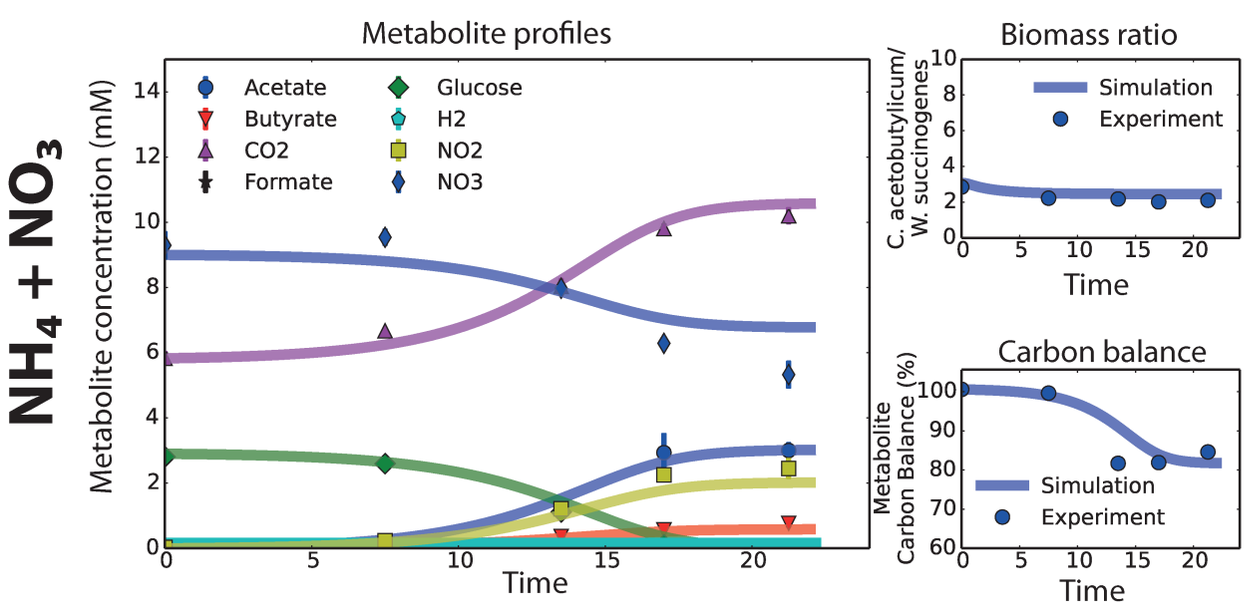
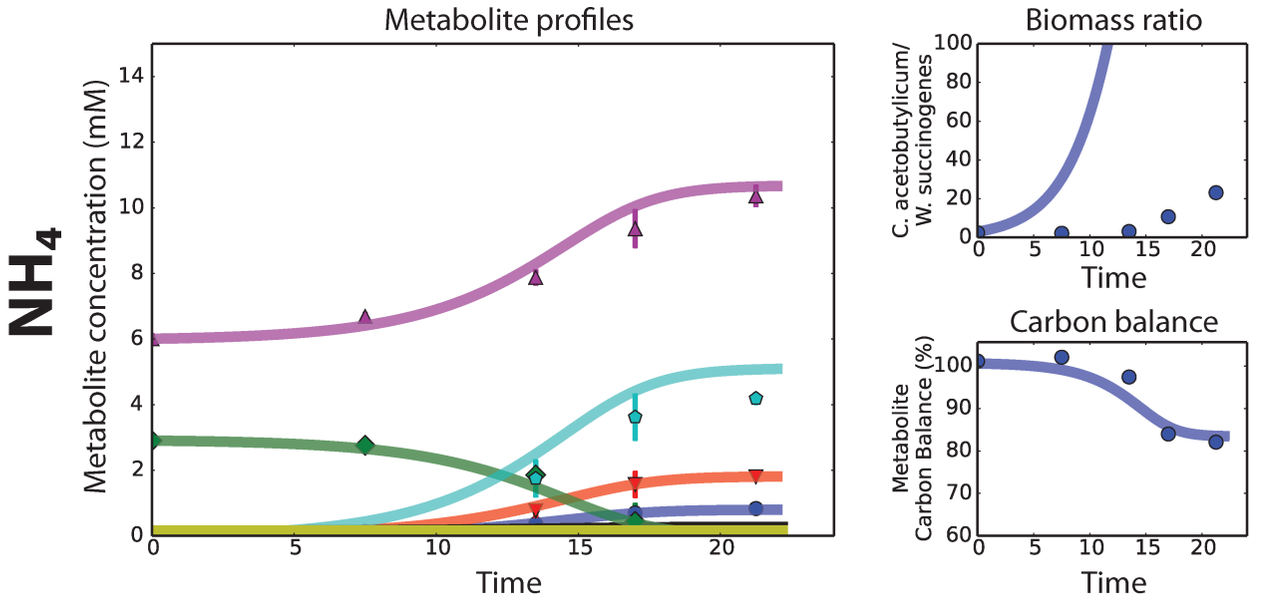
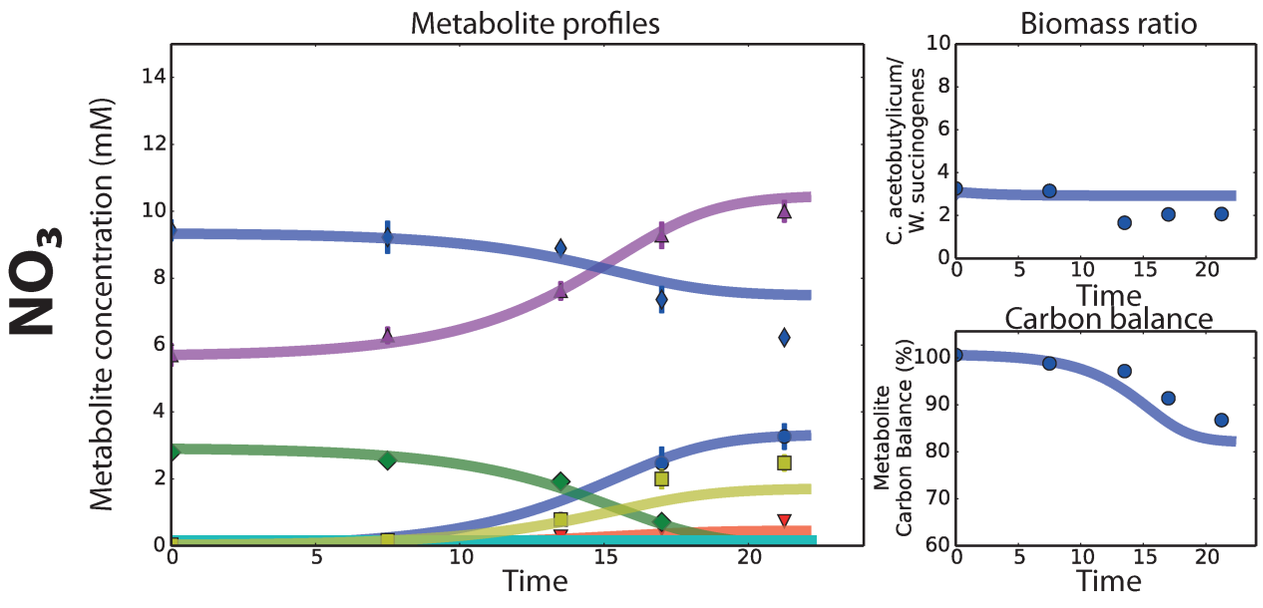
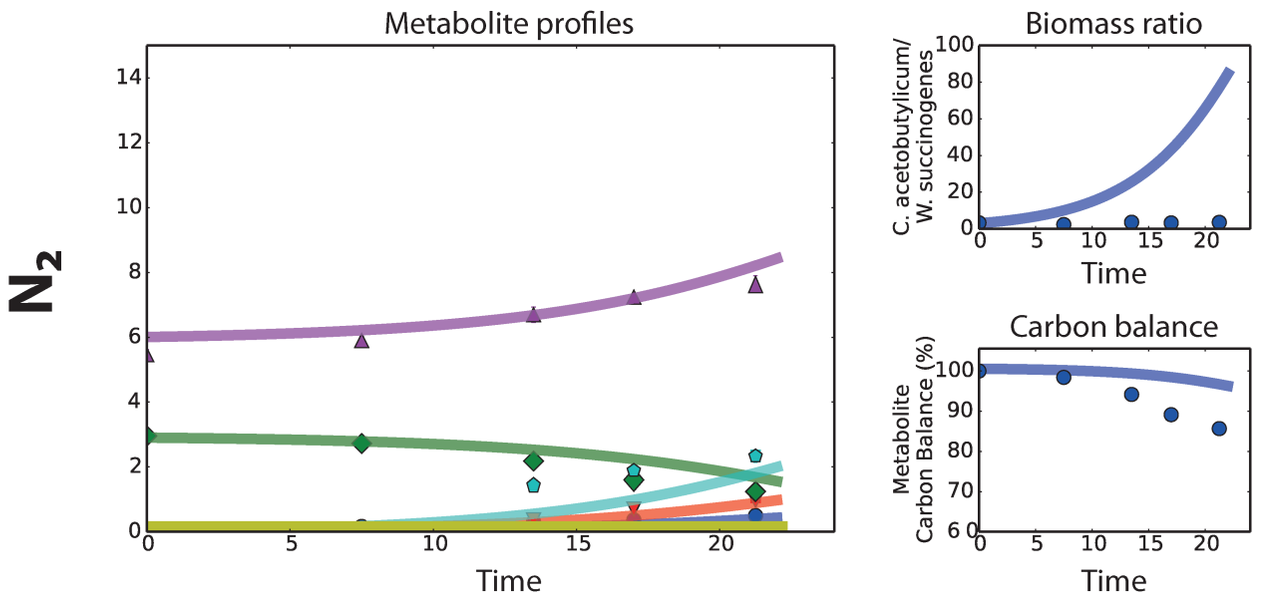

$NH_4 + NO_3$
Metabolite profiles
Metabolite concentration (mM)
Time
Acetate
Butyrate
CO2
Formate
Glucose
H2
NO2
NO3
Biomass ratio
C. acetobutylicum/ W. succinogenes
Simulation
Experiment
Carbon balance
Metabolite Carbon Balance (%)


NH_4
Metabolite profiles
Metabolite concentration (mM)
Time
Biomass ratio
C. acetobutylicum/ W. succinogenes
Carbon balance
Metabolite Carbon Balance (%)


NO_3
Metabolite profiles
Metabolite concentration (mM)
Time
Biomass ratio
C. acetobutylicum/ W. succinogenes
Carbon balance
Metabolite Carbon Balance (%)


N_2
Metabolite profiles
Time
Biomass ratio
C. acetobutylicum/ W. succinogenes
Carbon balance
Metabolite Carbon Balance (%)