



**Figure S3. Salicylate (an intermediate metabolite) accumulation in groundwater indicating naphthalene (3.8 μM) degradation.** Salicylate detection was performed using the salicylate biosensor ADPWH\_lux which showed bioluminescence in the presence of salicylate. Naphthalene catabolism releasing salicylate was evident after 120 h incubation. Results are the mean +/- SD of 4 replicate measurements.