

Bacteria isolated from explosive contaminated environments transform

pentaerythritol tetranitrate (PETN) under aerobic and anaerobic conditions

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14 **Table S1.** Environmental samples collected at an explosive manufacturing plant near Bogotá,
 15 Colombia

Sample name	Sample type	pH	Conductivity (mS m ⁻¹)	Isolates
PETN manufacturing facility*	Permanently saturated soil	7.11	0.34	P2, CP6, CP10
Drainage channel 1 †	Sediments accumulated in the concrete channel	7.34	0.22	CP208, P214, P215, CP231
Drainage channel 2 †	Sediments accumulated in the concrete channel	7.14	1.15	CP227, CP229, CP233
Explosive transport tank	Precipitated Explosives	ND ‡	ND ‡	CP234
Former effluent channel	Soil	8.95	0.44	P174

16 *This sampling point receives effluent from the wastewater treatment plant

17 † Two different channels situated at the PETN manufacturing facilities

18 ‡ Not Determined

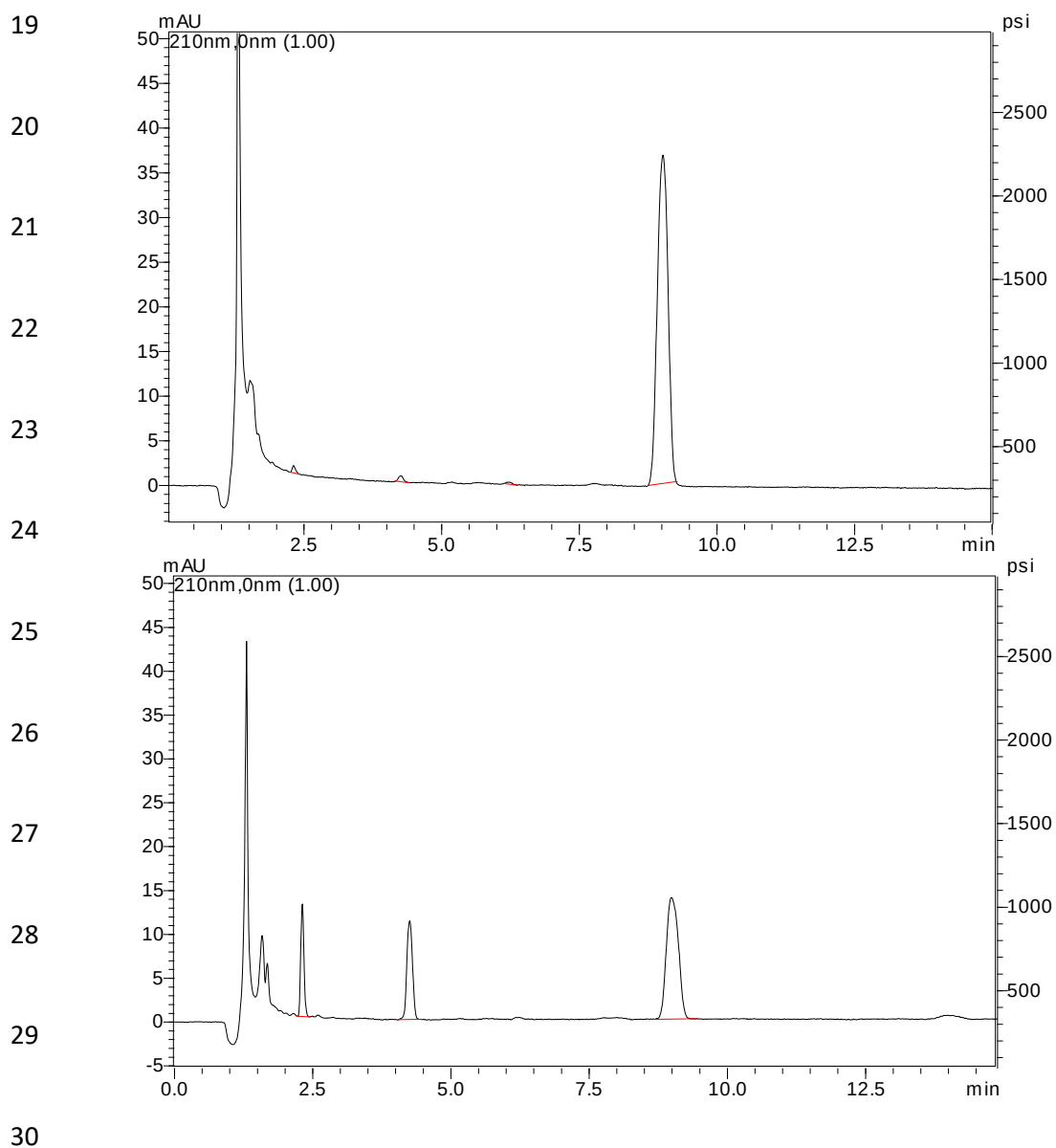


Figure S1. Chromatograms of the anaerobic degradation assay by abiotic control (A) and *Bradyrhizobium* sp. P2 (B) after 157 days of incubation.