

Supporting Information

A Simple Method for Quantification of Polyhydroxybutyrate and Polylactic Acid Micro-Bioplastics in Soils by Evolved Gas Analysis

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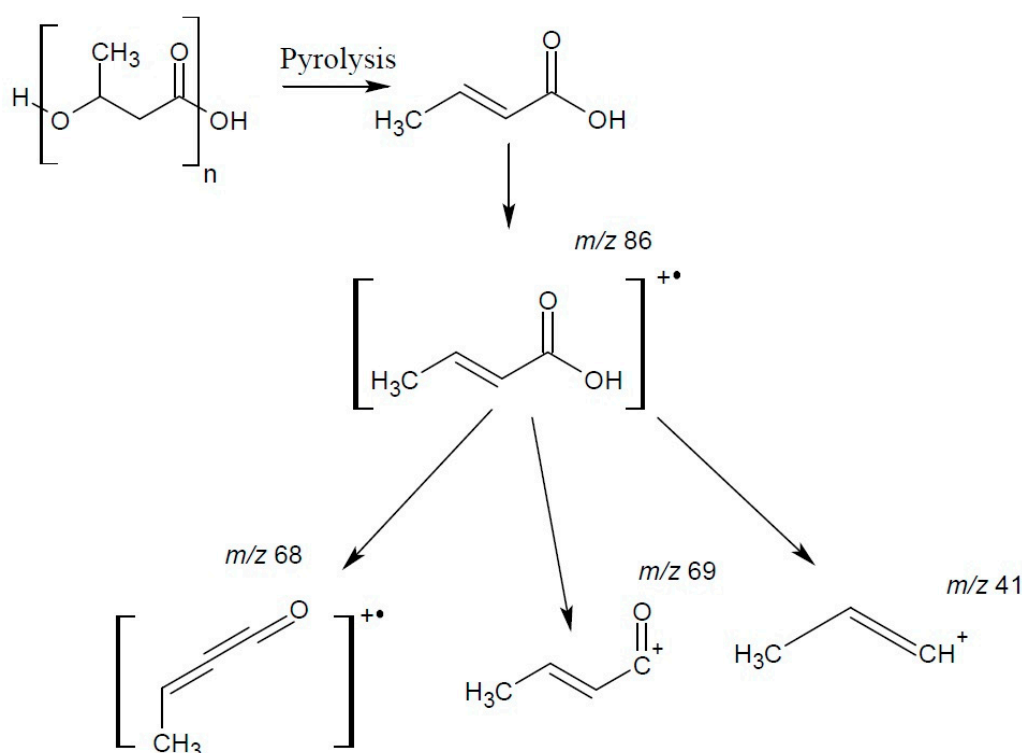


Figure S1. Degradation products and MS fragments of PHB.

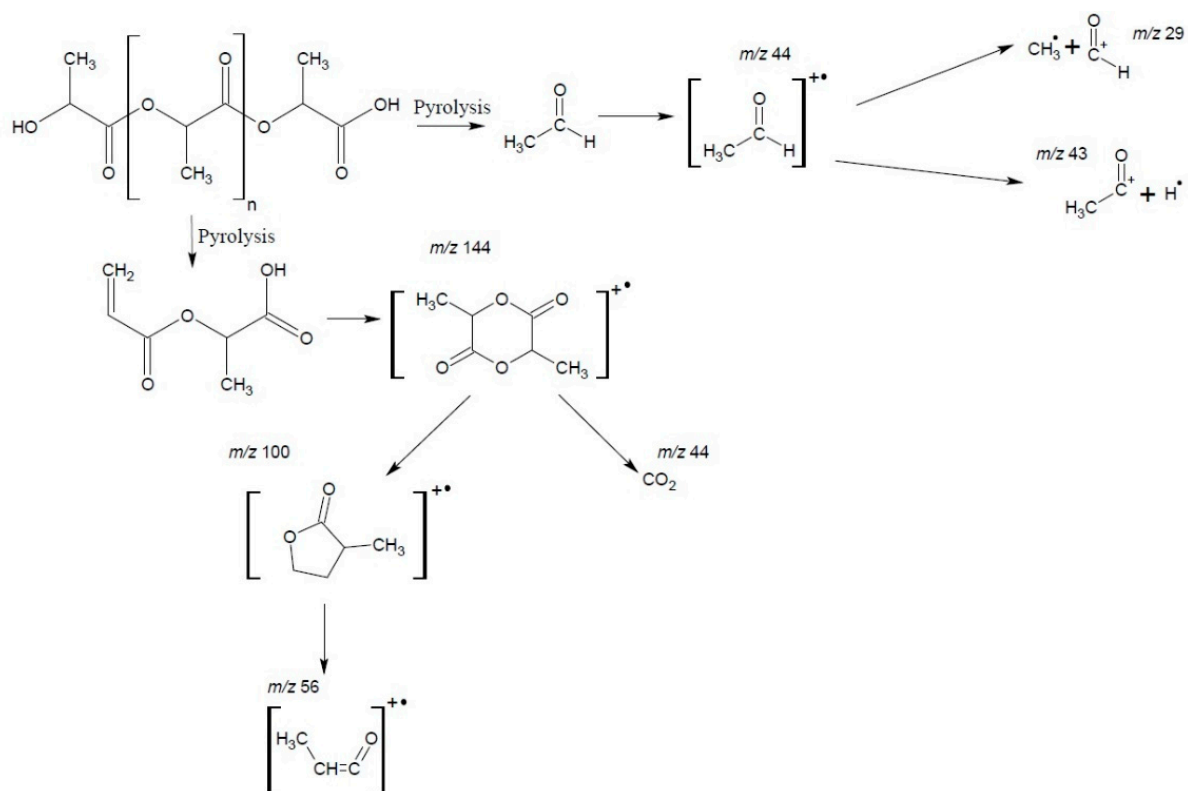


Figure S2. Degradation product and MS fragments of PLA.

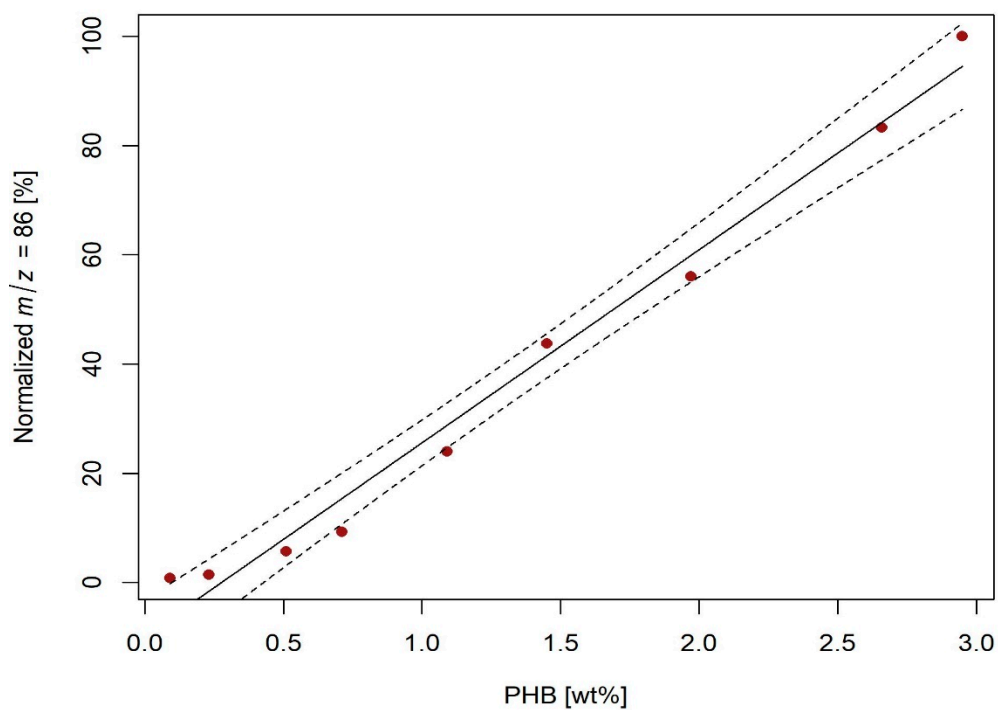


Figure S3. Calibration line for determination of PHB in HS5 soil by detection of degradation product with m/z 86, dashed line indicates 95% confidence interval.

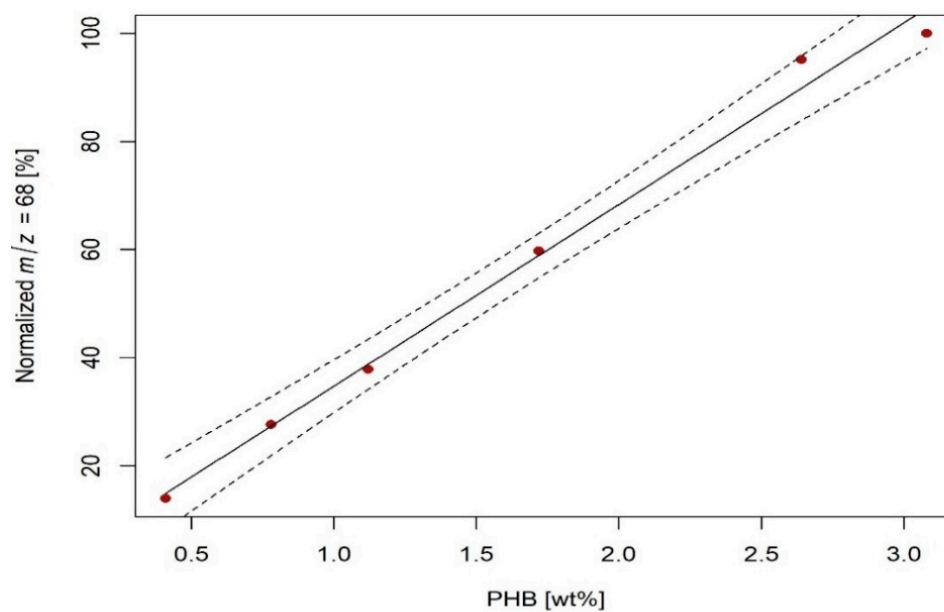


Figure S4. Calibration line for determination of PHB in HS45 soil by detection of degradation product with m/z 68, dashed line indicates 95% confidence interval.

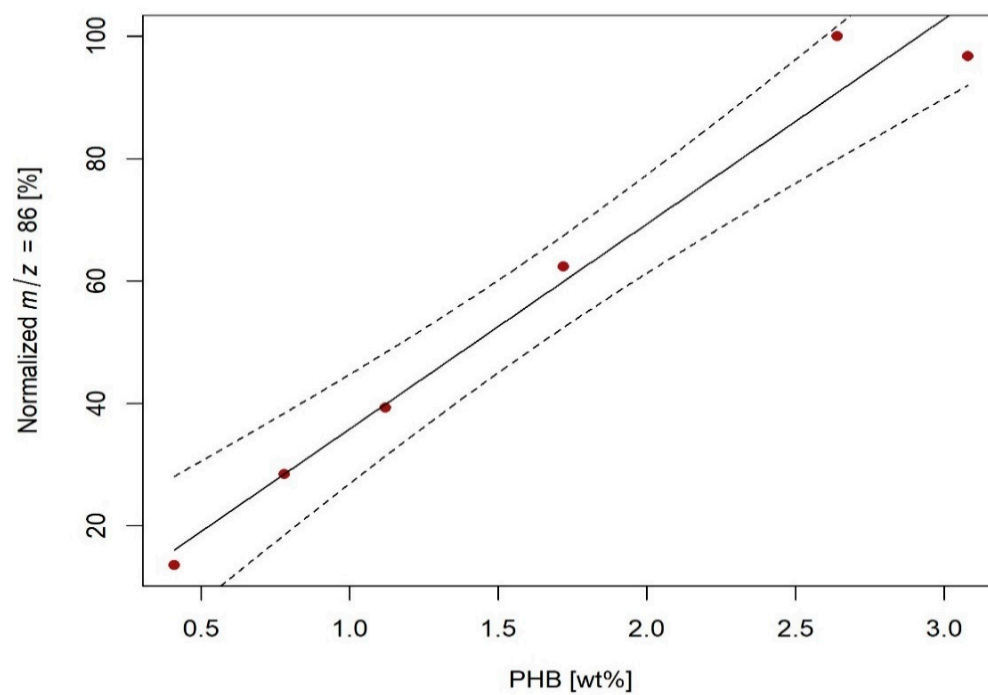


Figure S5. Calibration line for determination of PHB in HS45 soil by detection of degradation product with m/z 86, dashed line indicates 95% confidence interval.

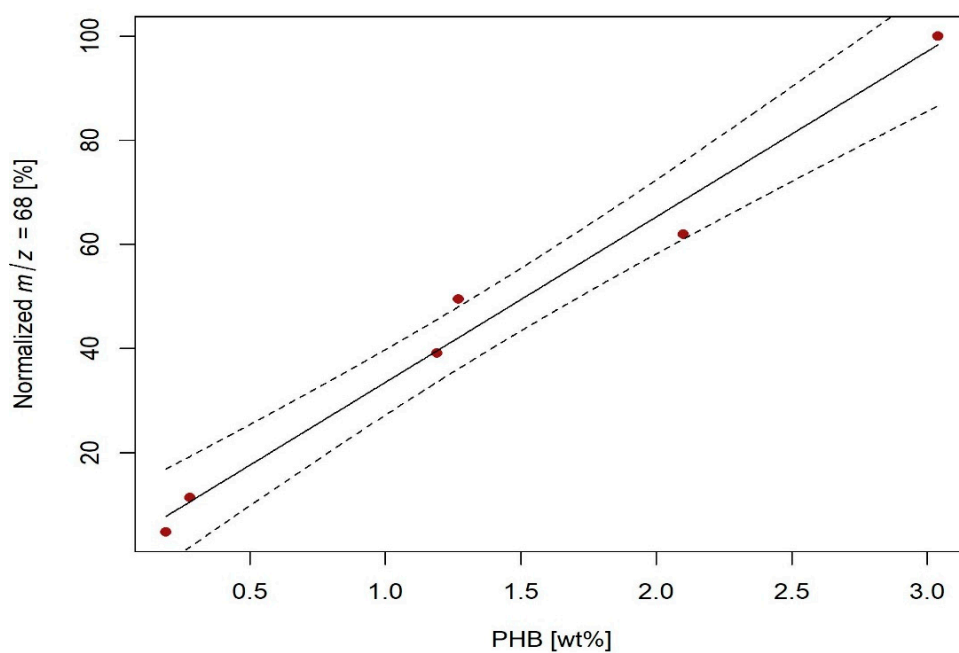


Figure S6. Calibration line for determination of PHB in LUFA soil by detection of degradation product with m/z 68, dashed line indicates 95% confidence interval.

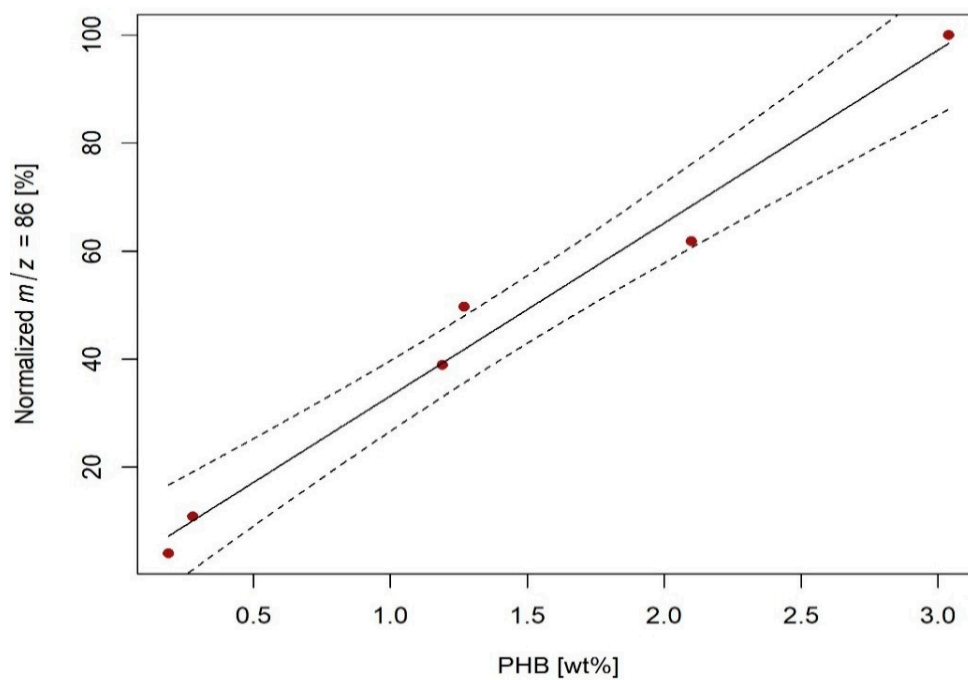


Figure S7. Calibration line for determination of PHB in LUFA soil by detection of degradation product with m/z 86, dashed line indicates 95% confidence interval.

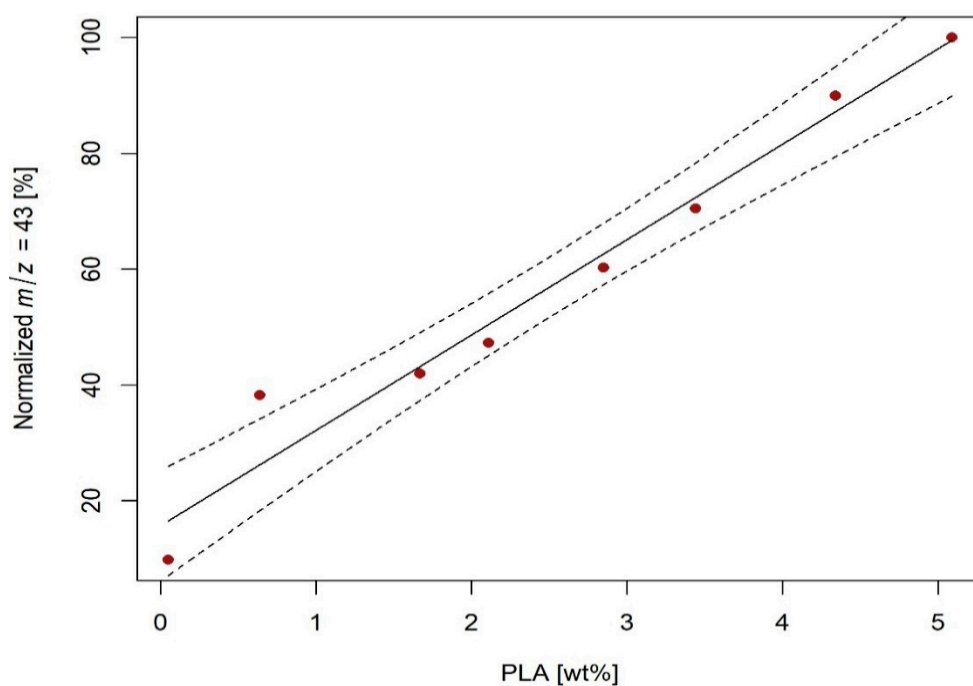


Figure S8. Calibration line for determination of PLA in P185 soil by detection of degradation product with m/z 43, dashed line indicates 95% confidence interval.

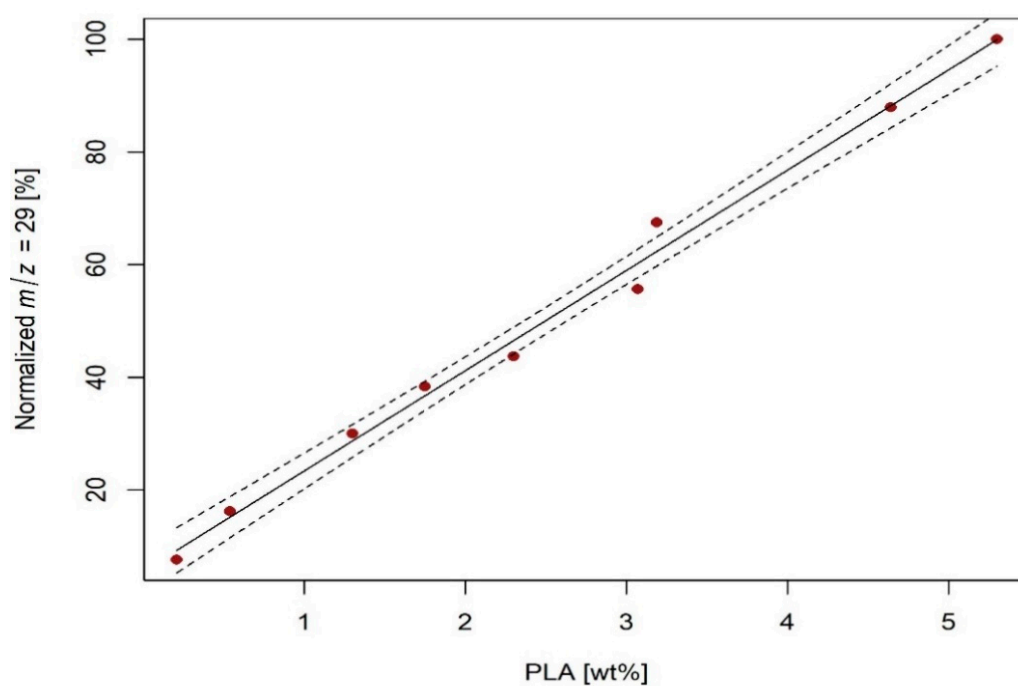


Figure S9. Calibration line for determination of PLA in P84 soil by detection of degradation product with m/z 29, dashed line indicates 95% confidence interval.

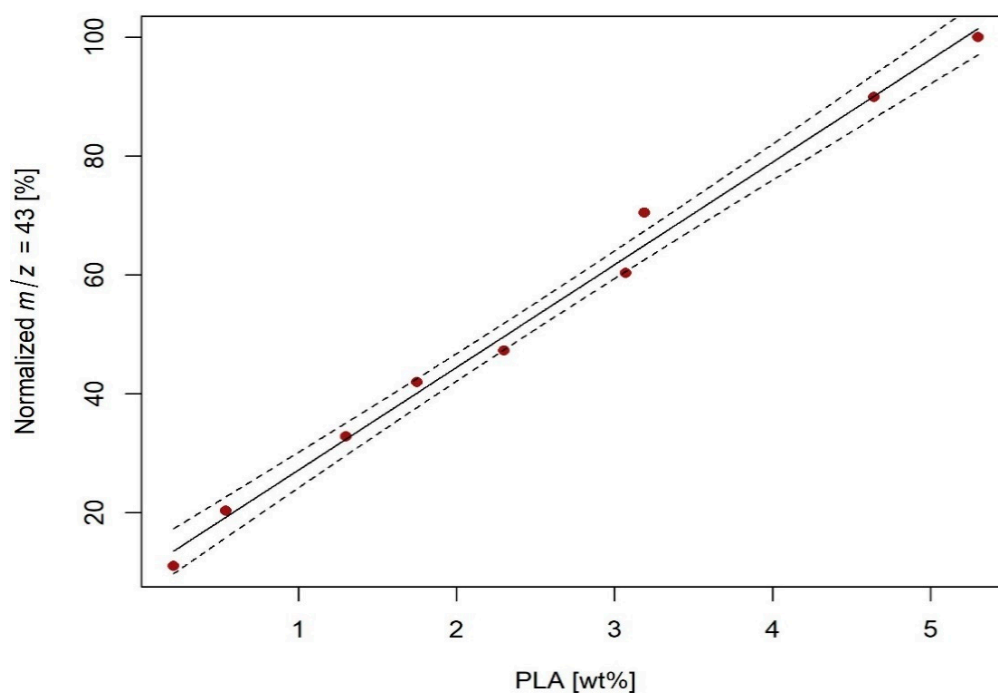


Figure S10. Calibration line for determination of PLA in P84 soil by detection of degradation product with m/z 43, dashed line indicates 95% confidence interval.

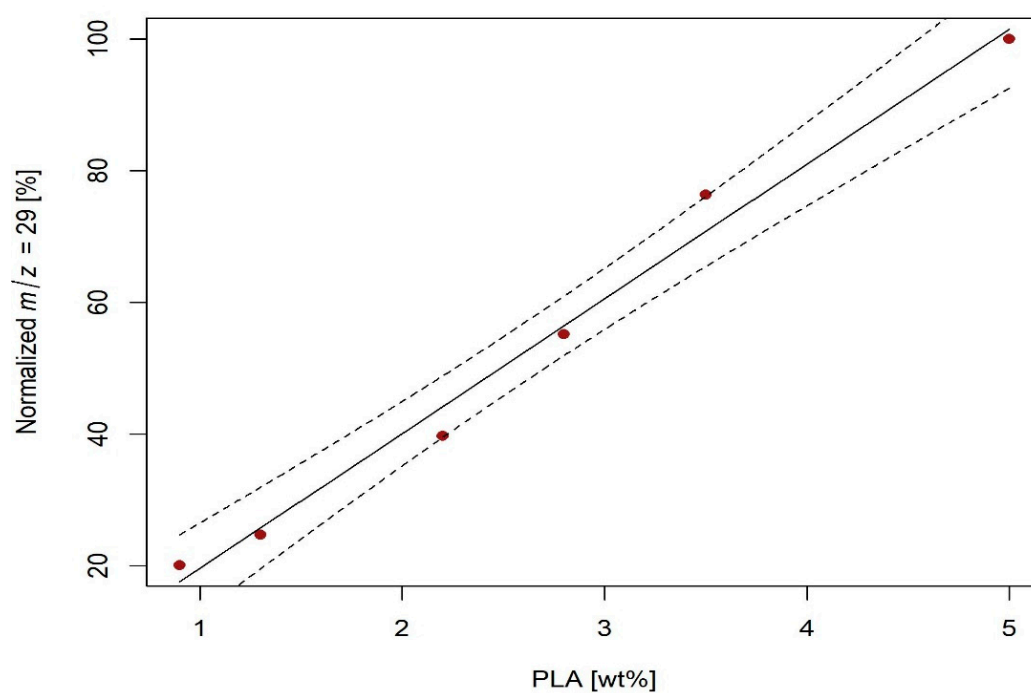


Figure S11. Calibration line for determination of PLA in LUFA soil by detection of degradation product with m/z 29, dashed line indicates 95% confidence interval.

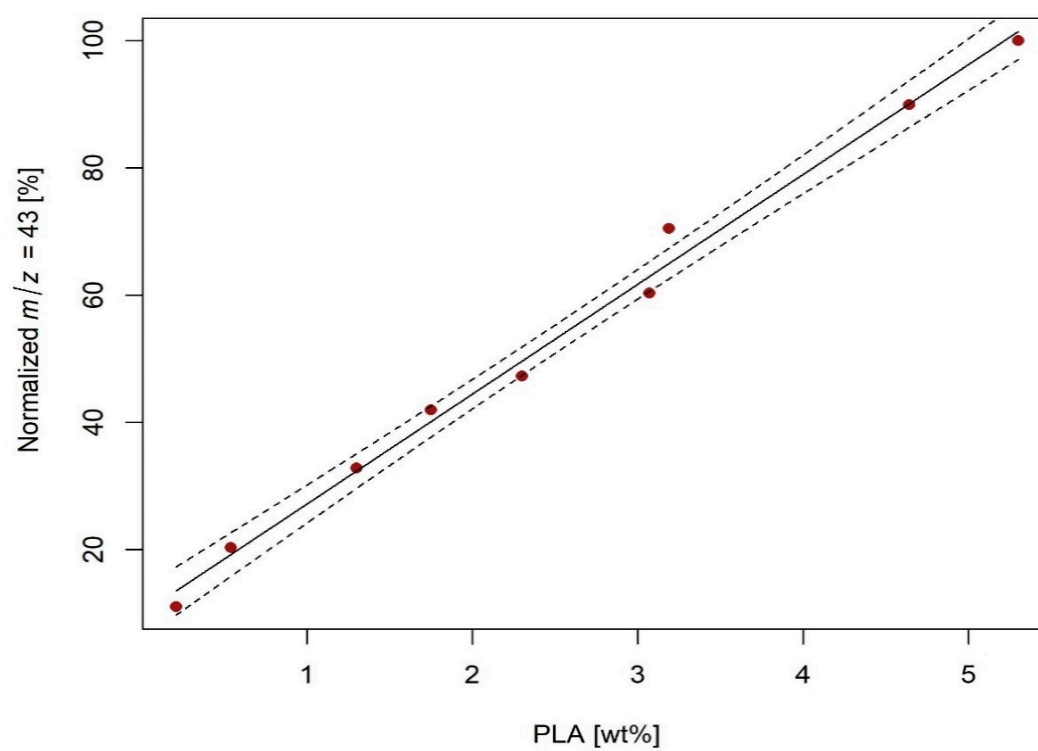


Figure S12. Calibration line for determination of PLA in LUFA soil by detection of degradation product with m/z 43, dashed line indicates 95% confidence interval.