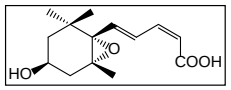
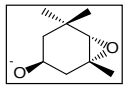
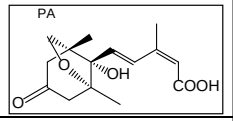
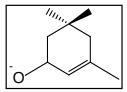
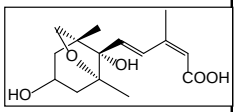
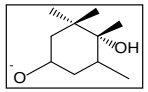
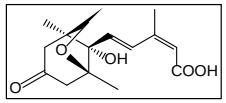
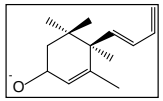
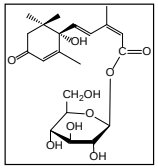
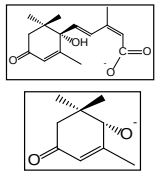
Supplementary Table 1: The MRM transitions of the ABA Metabolites monitored in this study.

	Substance	Abbreviation	Chemical Formula	Structure	Exact Mass	Mass in -ve Modus (*m/z*)	Precursor/Fragment in -ve Modus (*m/z*)	Fragment-Structure	Collison Energy (eV)	Fragmentor (V)	Dwell time (ms)
1	Xanthoic acid	**XanA**	C15H22O4		266.2	265.1	265.1 → 155; (265.1 → 153?)		10	380	150
2	Phaseic acid	**PA**	C15H20O5		280.1	279.1	279.1 → 139 *		10 *	380	150
3	Dihydroxyphaseic acid	**DPA**	C15H22O5		282.1	281.1	281.1 → 171 *		16 *	380	150
4	Neo-Phaseic acid	**Neo-PA**	C15H20O5		280.1	279.1	279.1 → 205 *		10 *	380	150
5	ABA glucosyl ester	**ABA-GE**	C21H30O9		426.2	425.2	425.2 → 263 *; 263.1 → 153		10 *; 20	380	150
*	C. L. Zheng et al., Journal of Experimental Botany 66 (5), 1527 (2015).										

Supplementary Figure 1: An exemplary extracted ion chromatogram (XIC) depicting mass transitions of abscisic acid glucosyl ester (ABA-GE) eluting at 11.1 min from the analytical separation column.