

Supplementary Figures



Hydroponic daffodil trials in greenhouses at Henfaes Research Station, Abergwyngregyn, Wales.



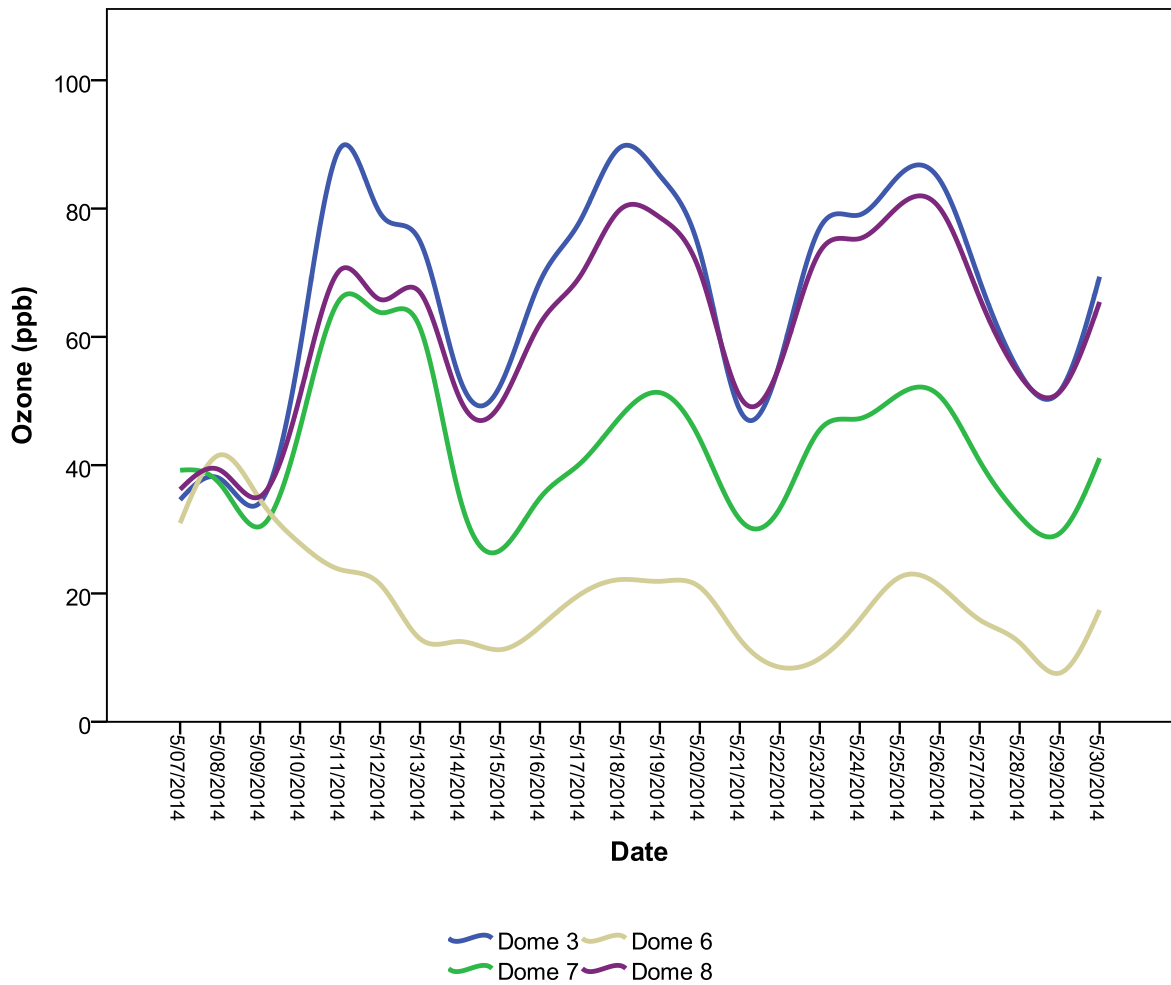
Hydroponic daffodil trials in greenhouses at Bangor University, Wales.



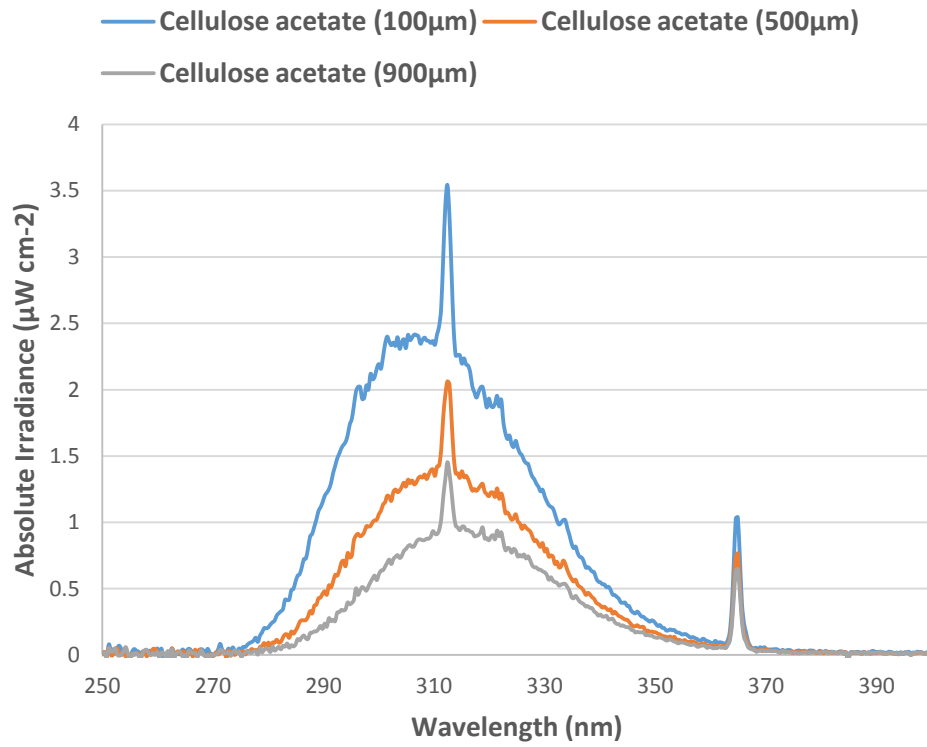
Daffodil plants growing under varied UV-B light regimes at Henfaes Research Station, Abergwyngregyn.



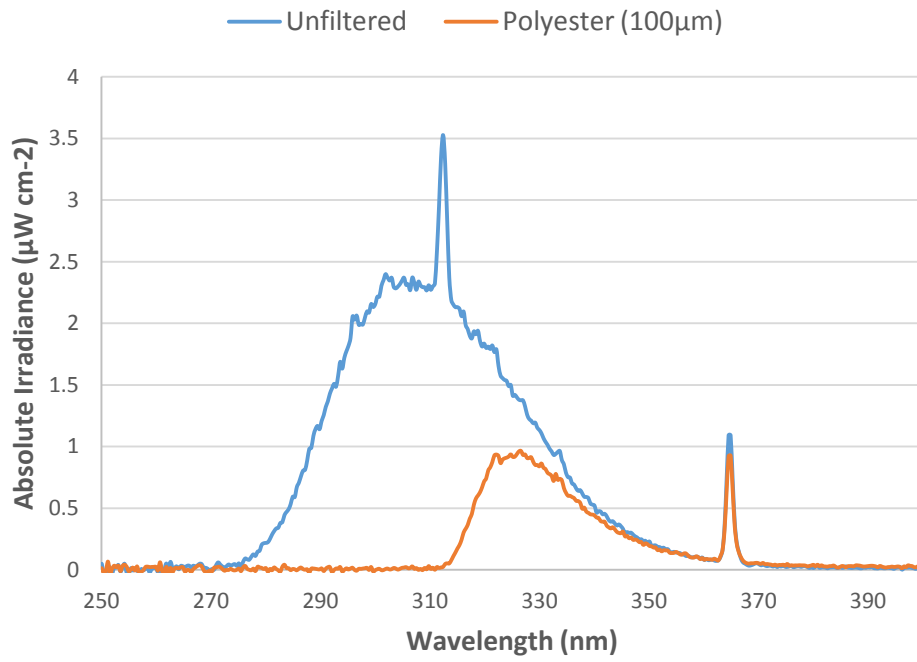
Ozone pot trials in solardomes at the Centre for Ecology and Hydrology (CEH) research site at Abergwyngregyn, Wales.



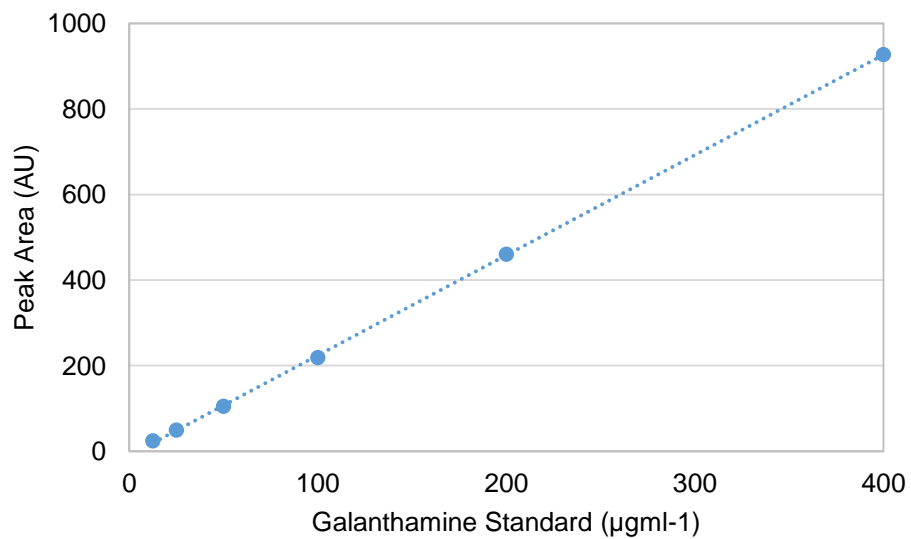
Daily measured solardome ozone concentration in parts per billion (ppb). Target mean ozone concentrations were 19.0 (dome 6), 42.9 (dome 7), 62.0 (dome 8) and 66.6 (dome 3) ppb.



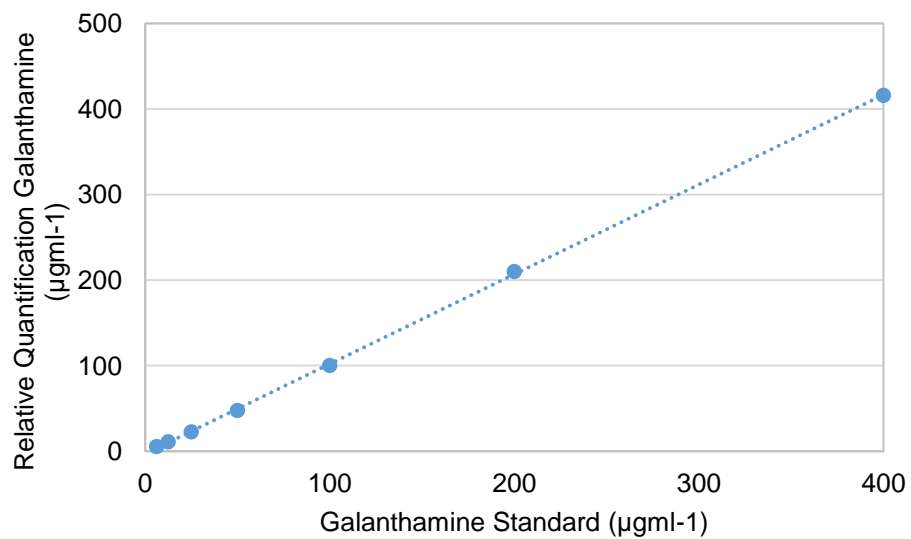
Representative UV spectra of Phillips TL20 UV-B broadband TL lamps filtered through cellulose acetate film of varying thicknesses (100-1000 μm) to attenuate UV-B irradiance.



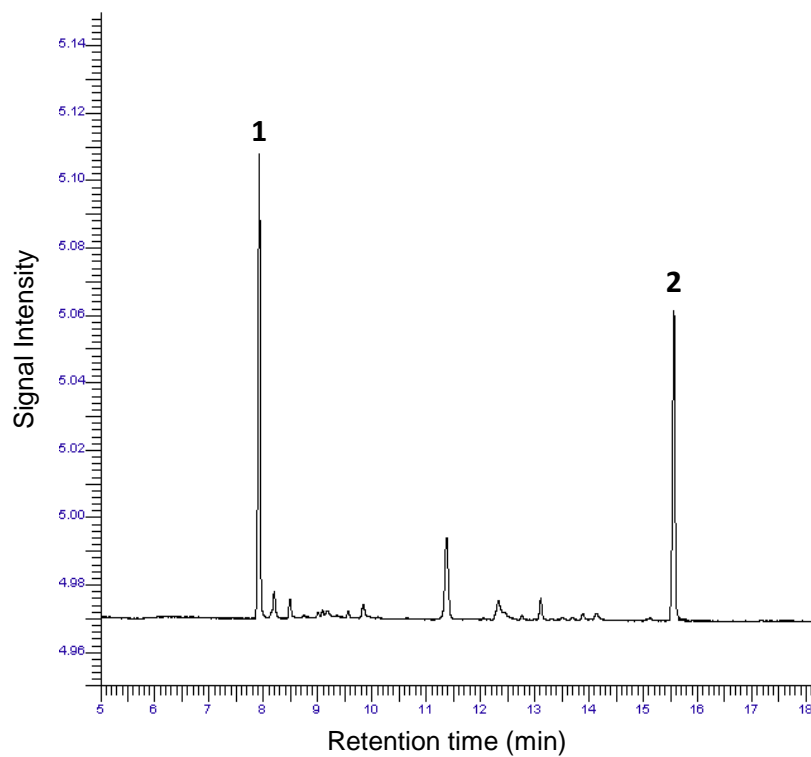
Representative spectra of Phillips TL20 UV-B broadband TL lamps filtered through polyester film (100 µm thickness) to eliminate transmittance of UV-B light (280-315 nm).



Representative standard curve plot of galanthamine peak area (arbitrary units) vs galanthamine standard concentration (µgml⁻¹) as analysed by GC-FID.



Representative calibration plot of galanthamine concentration (μgml^{-1}) calculated by relative quantification method using papaverine as internal standard ($125 \mu\text{gml}^{-1}$), as analysed by GC-FID.



Representative GC chromatogram of a daffodil extract containing galanthamine (1) and papaverine internal standard (2), as analysed by GC-FID.