

Supplementary Material

Wavelength-selective photoisomerisation of nitric oxide and nitrite in a rhodium complex

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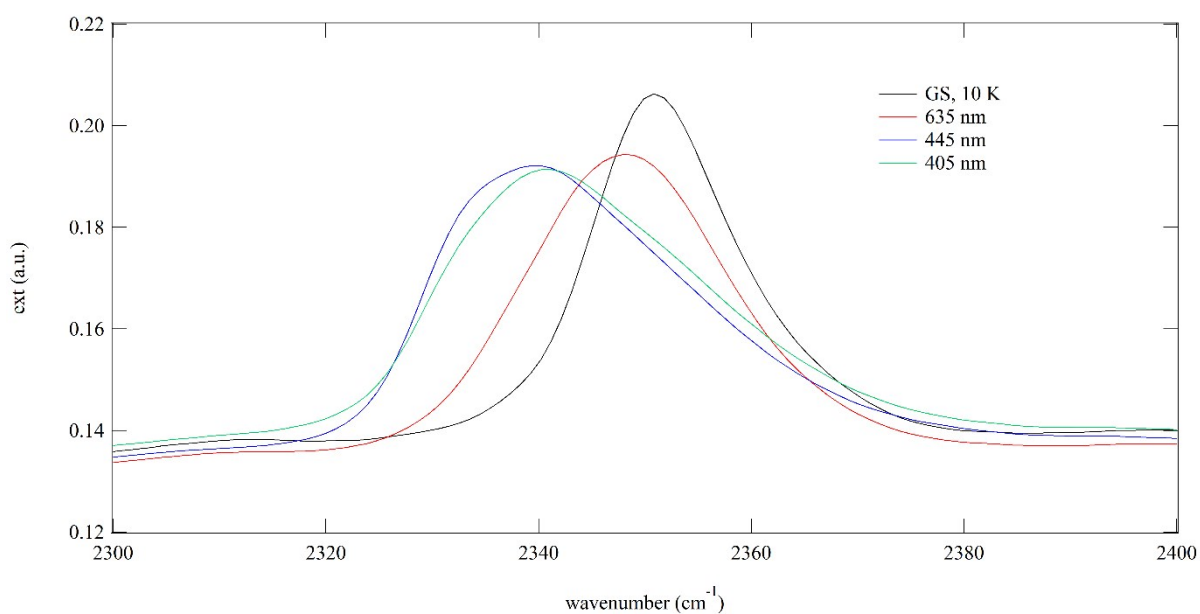


Fig. S1: Infrared spectra as a function of irradiation wavelength in the spectral range of the PH vibrational bands.

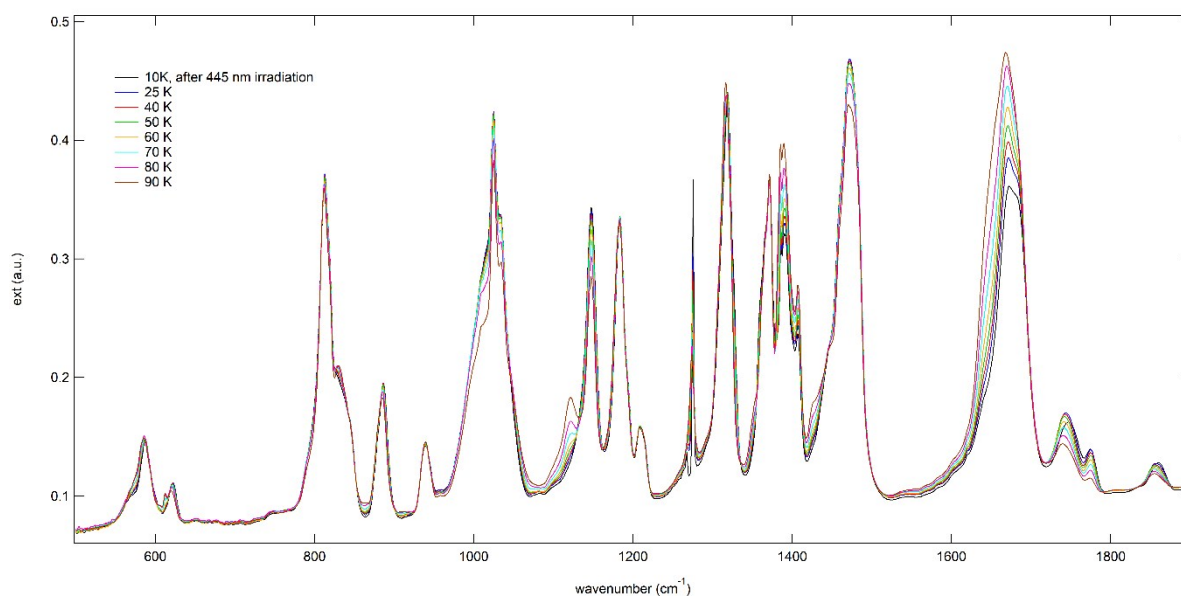


Fig. S2: Infrared spectra upon heating after irradiation at 10 K with 445 nm: 10 - 90 K.

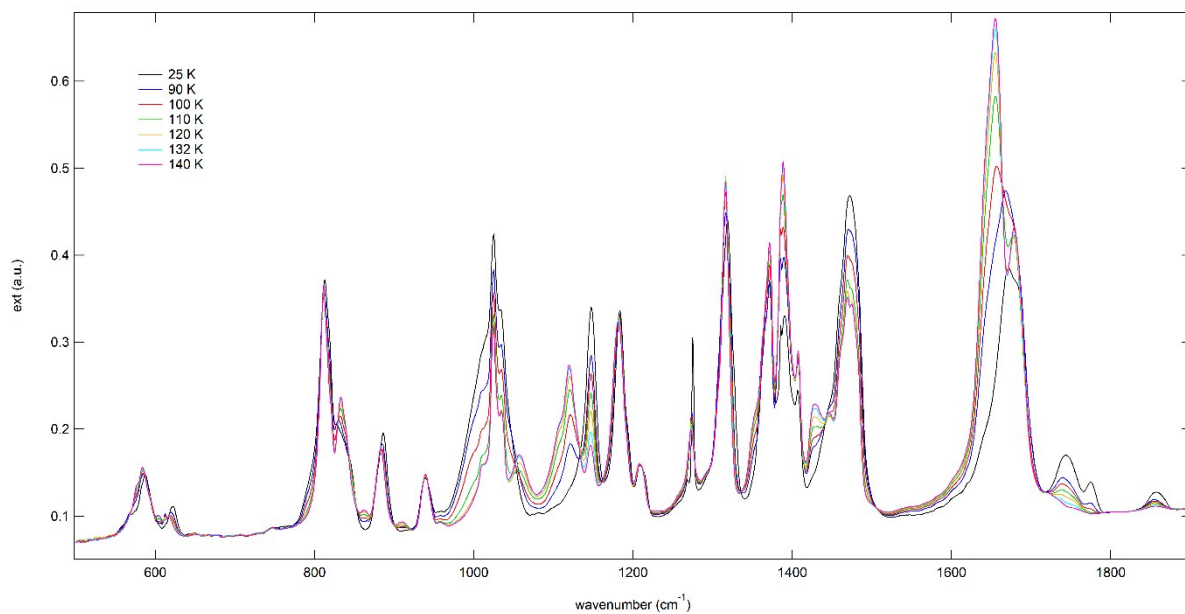


Fig. S3: Infrared spectra upon heating after irradiation at 10 K with 445 nm: up to 140 K.

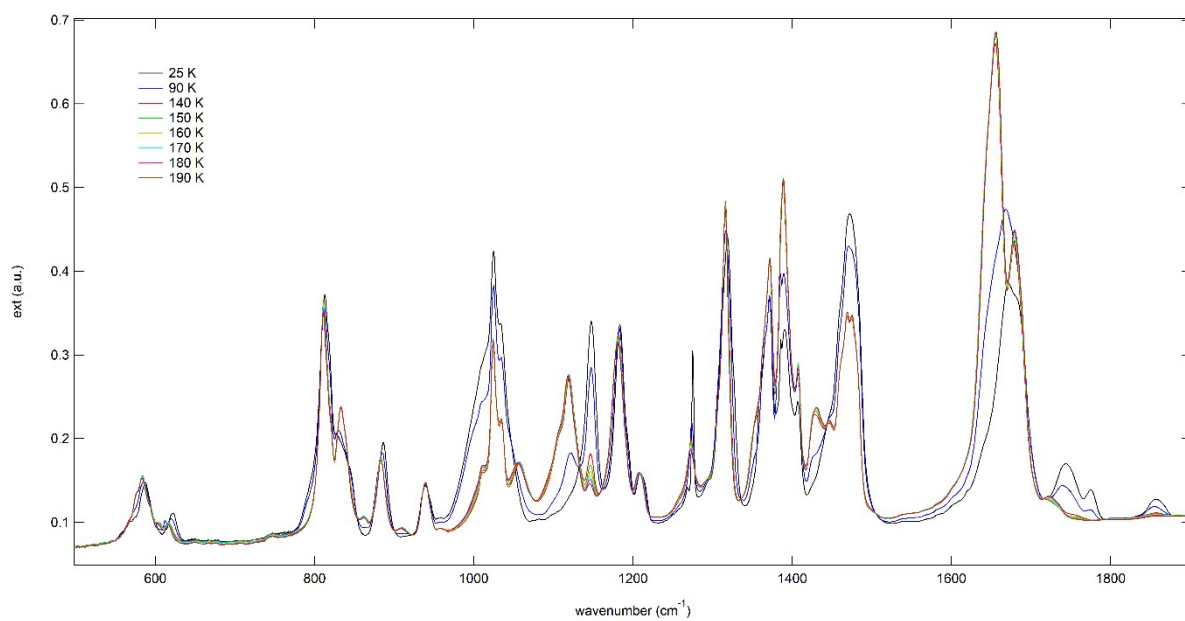


Fig. S4: Infrared spectra upon heating after irradiation at 10 K with 445 nm: up to 190 K.

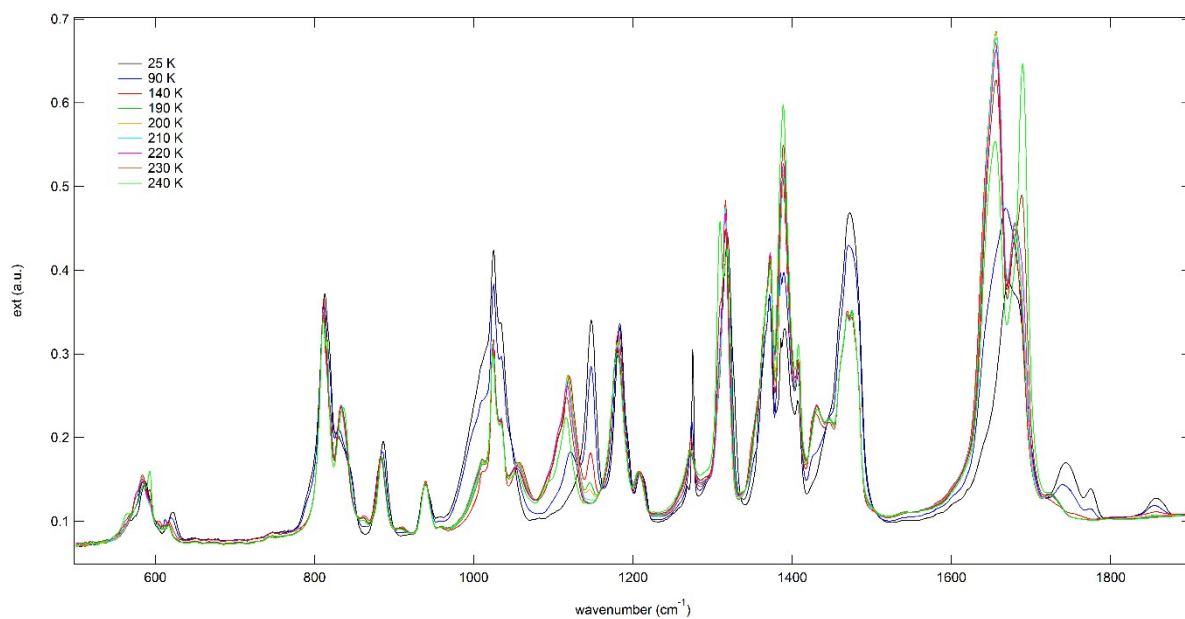


Fig. S5: Infrared spectra upon heating after irradiation at 10 K with 445 nm: up to 240 K.

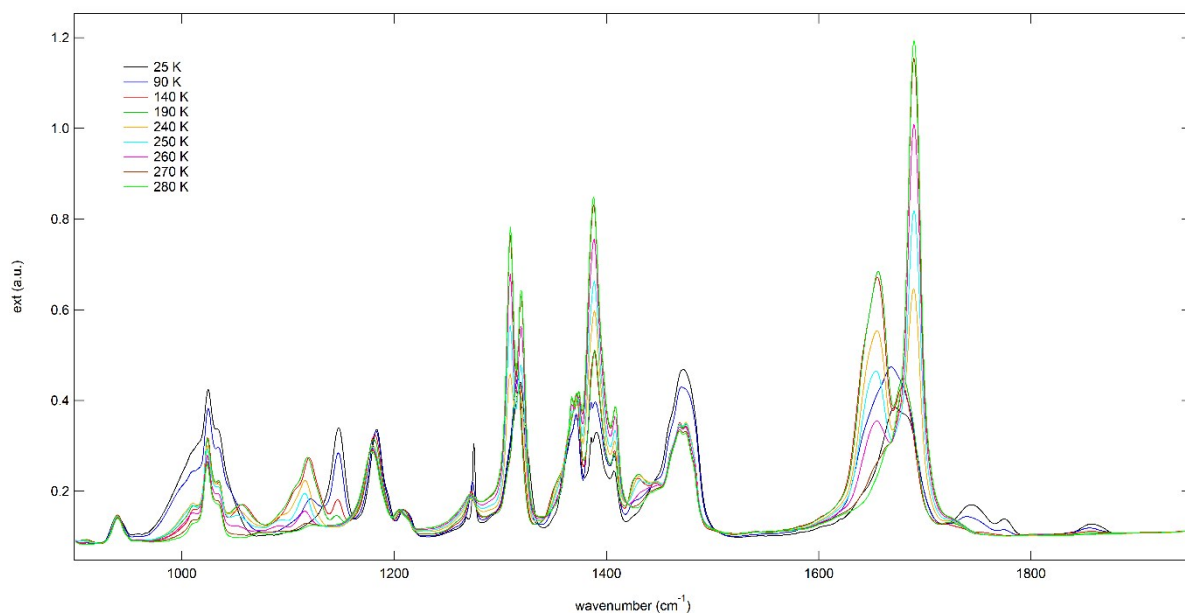


Fig. S6: Infrared spectra upon heating after irradiation at 10 K with 445 nm: up to 280 K.

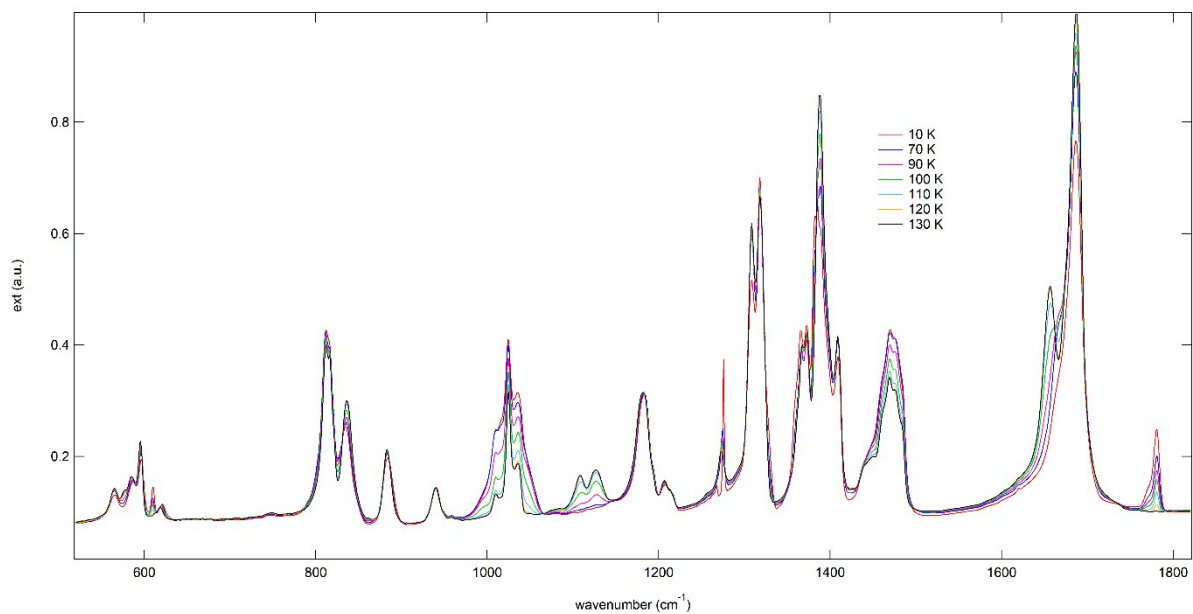


Fig. S7: Infrared spectra upon heating after irradiation at 10 K with 635 nm: 10 – 130 K.

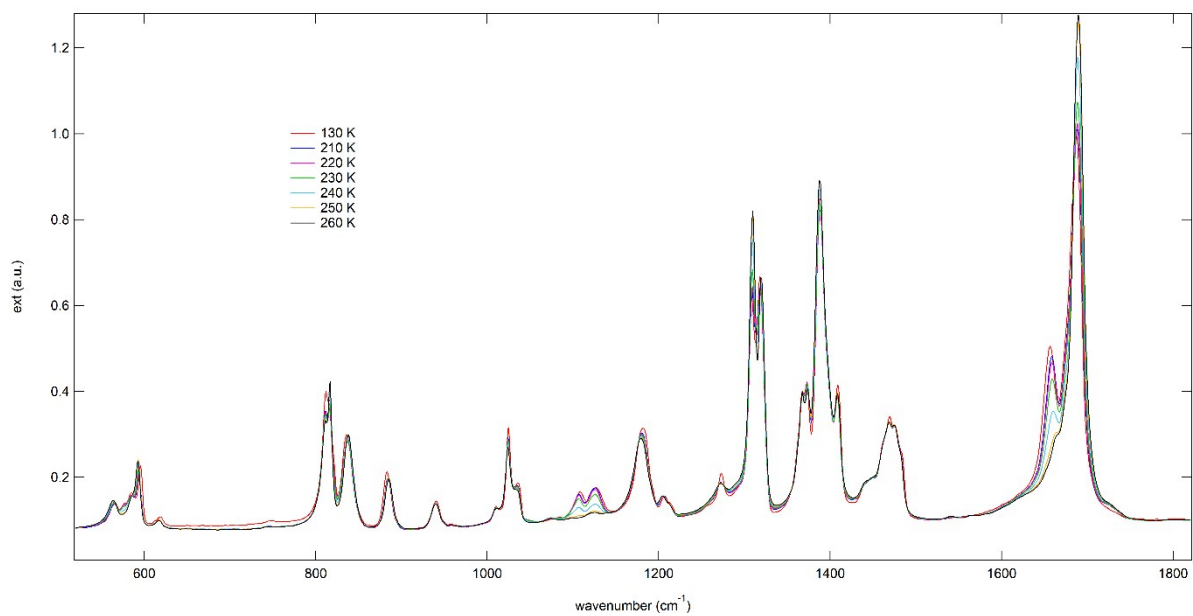


Fig. S8: Infrared spectra upon heating after irradiation at 10 K with 635 nm: 130 – 260 K.

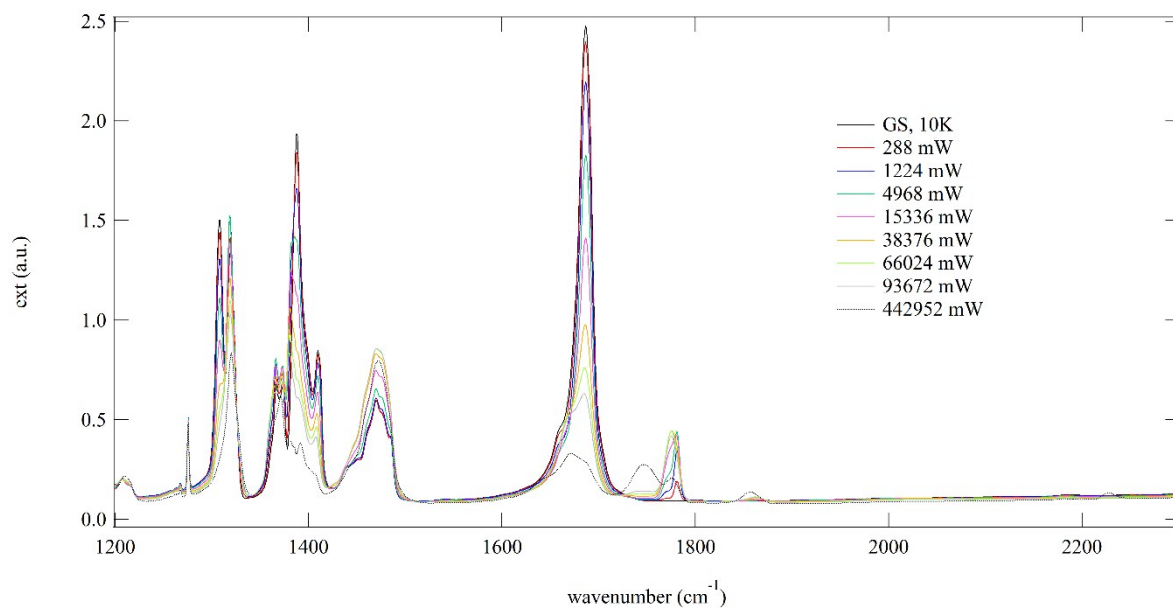


Fig. S9: Infrared spectra as a function of irradiation fluence at 10 K with 445 nm. Beyond about 200 mJ/cm² the signature of free NO in KBr at 2220 cm⁻¹ becomes visible.