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Supplemental Materials

Kinetic Study on Pyrolysis of Tung Seed Shells and In Situ Characterization by Using TG–FTIR Analysis

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1. Results

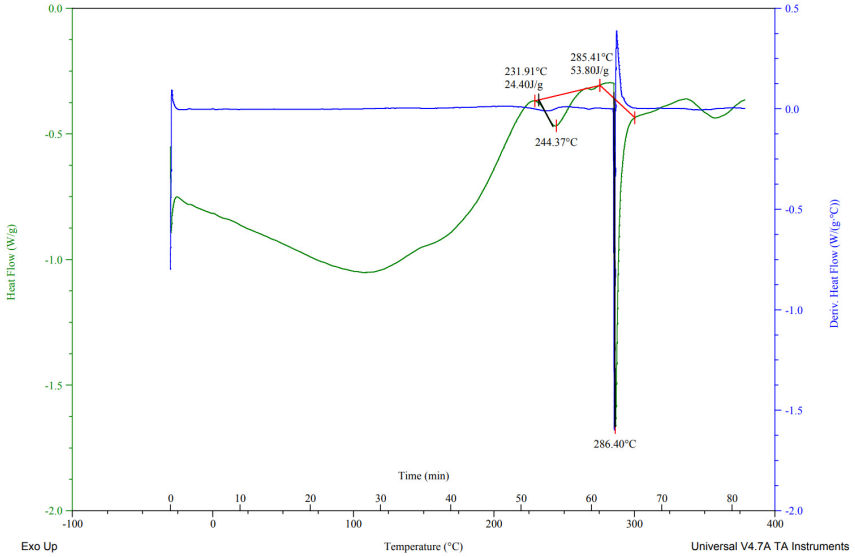


Figure S1. DSC curve of Tung seed shell pyrolysis at a heating rate of 5°C/min.

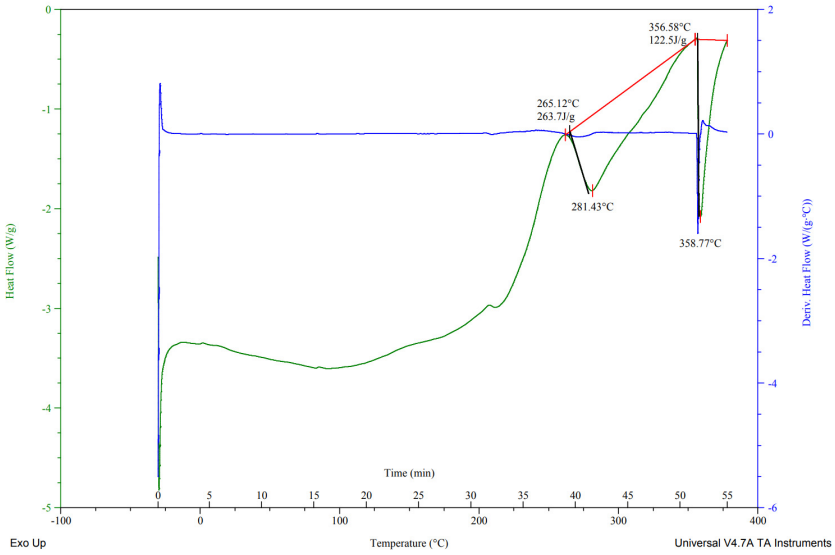


Figure S2. DSC curve of Tung seed shell pyrolysis at a heating rate of 7.5°C/min.

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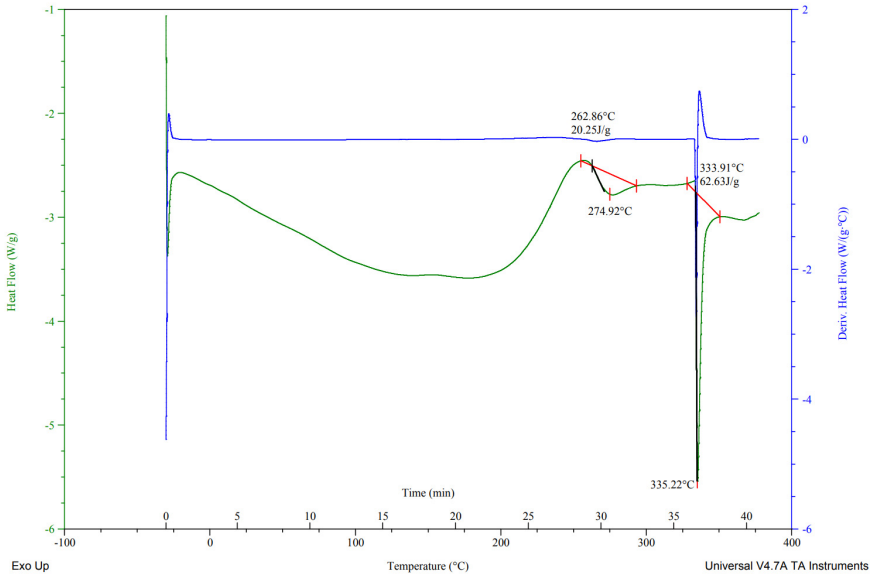


Figure S3. DSC curve of Tung seed shell pyrolysis at a heating rate of 10°C/min.

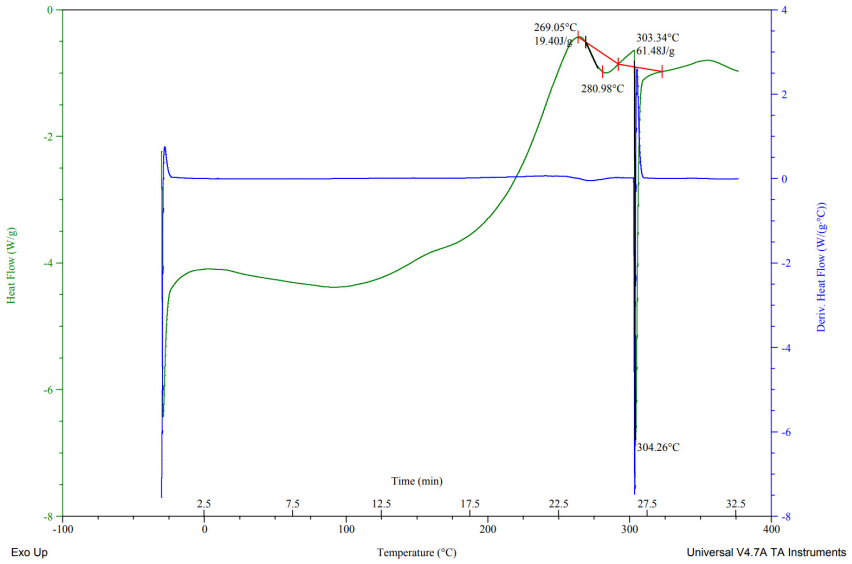


Figure S4. DSC curve of Tung seed shell pyrolysis at a heating rate of 12.5°C/min.

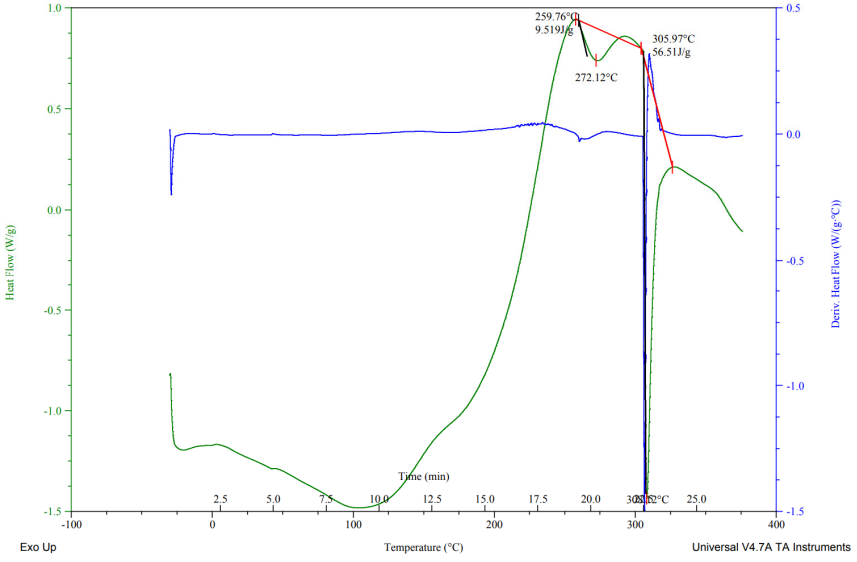


Figure S5. DSC curve of Tung seed shell pyrolysis at a heating rate of 15°C/min.

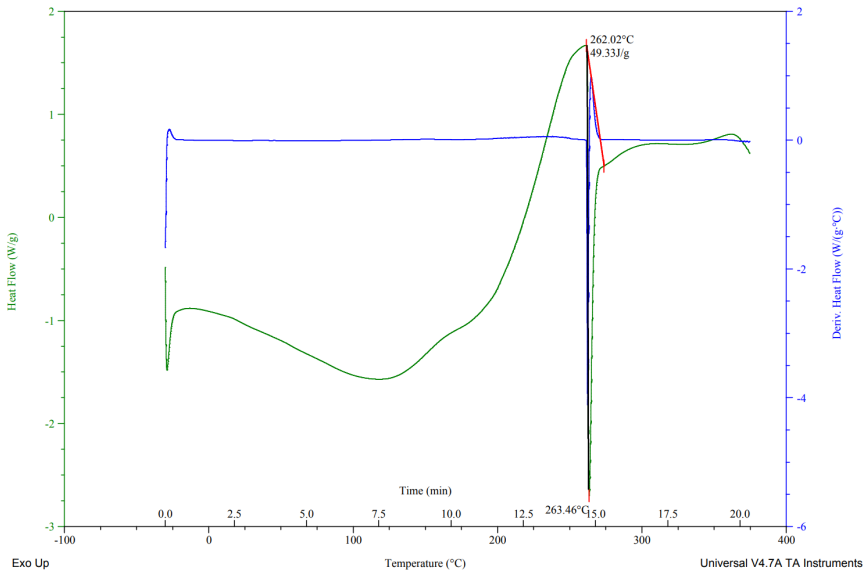
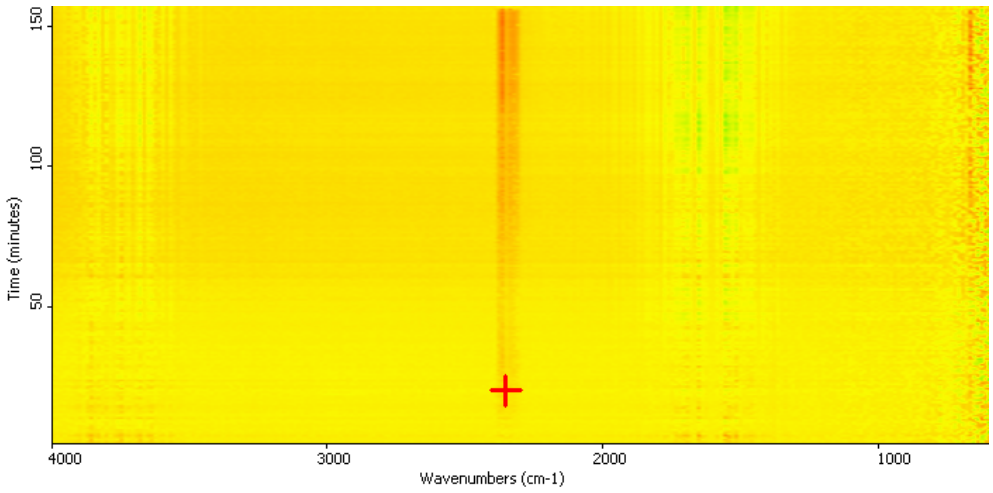


Figure S6. DSC curve of Tung seed shell pyrolysis at a heating rate of 20°C/min.



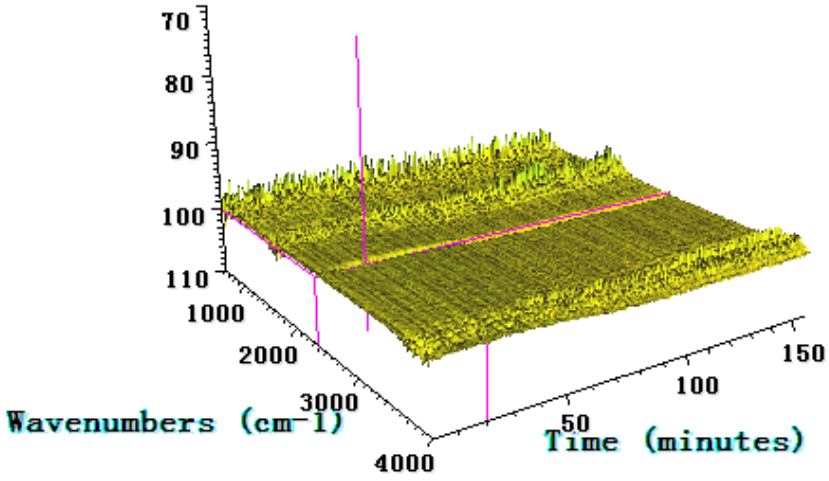


Figure S7. TG-FTIR spectra of Tung seed shell pyrolysis at a heating rate of 5°C/min.

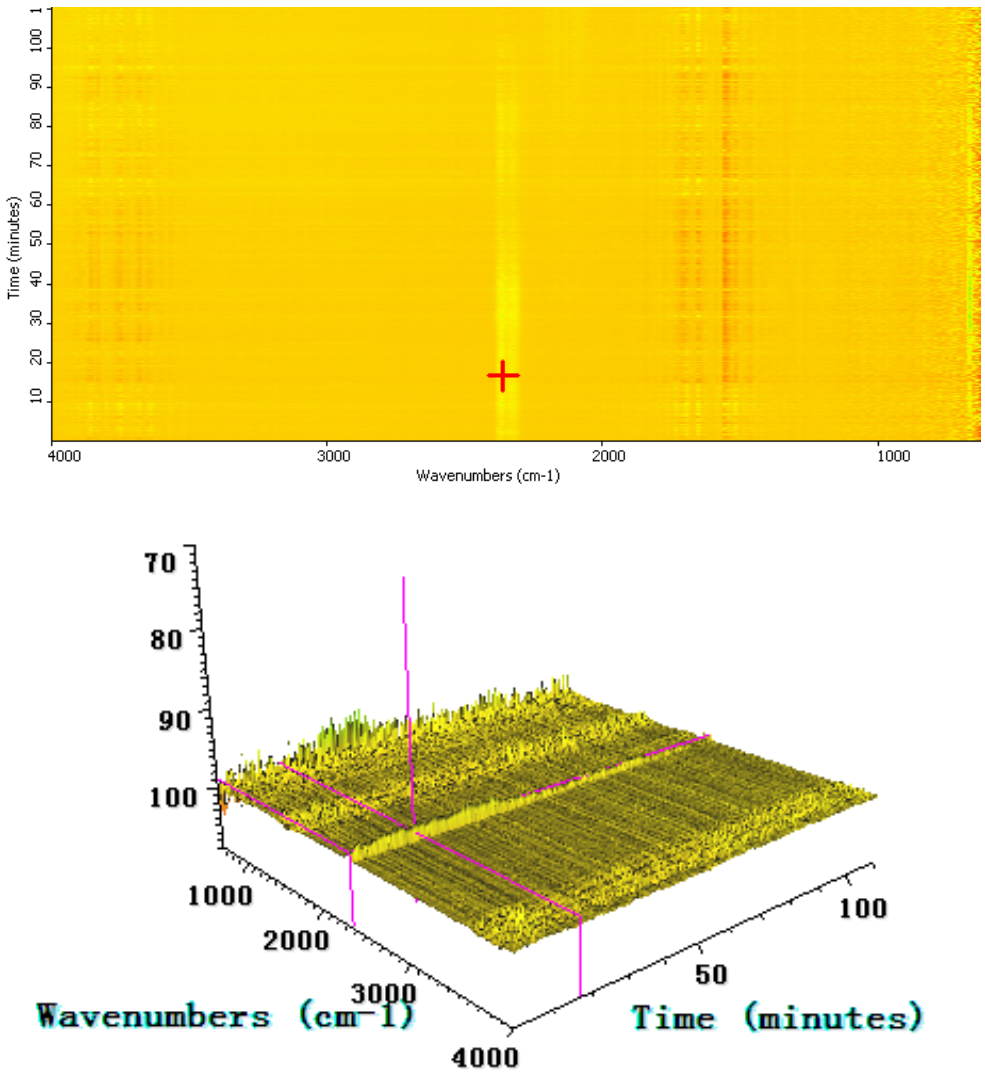
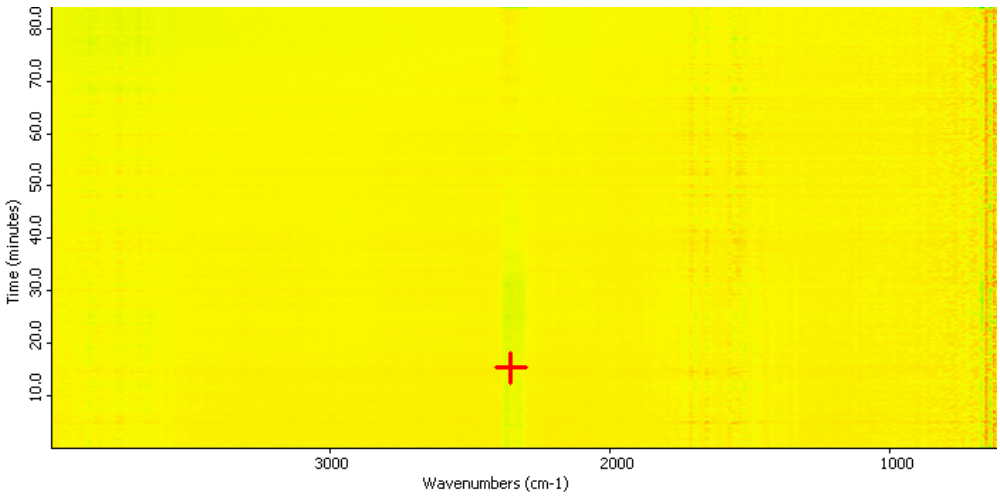


Figure S8. TG-FTIR spectra of Tung seed shell pyrolysis at a heating rate of 7.5°C/min.



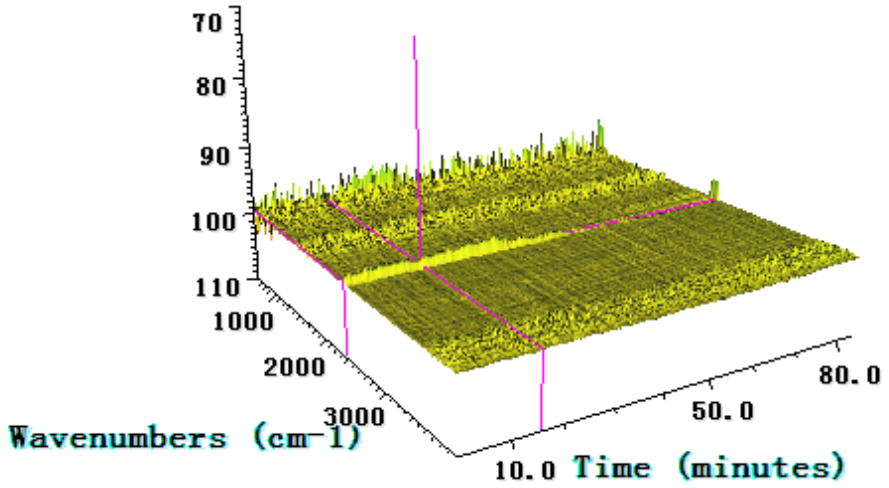


Figure S9. TG-FTIR spectra of Tung seed shell pyrolysis at a heating rate of 10°C/min.

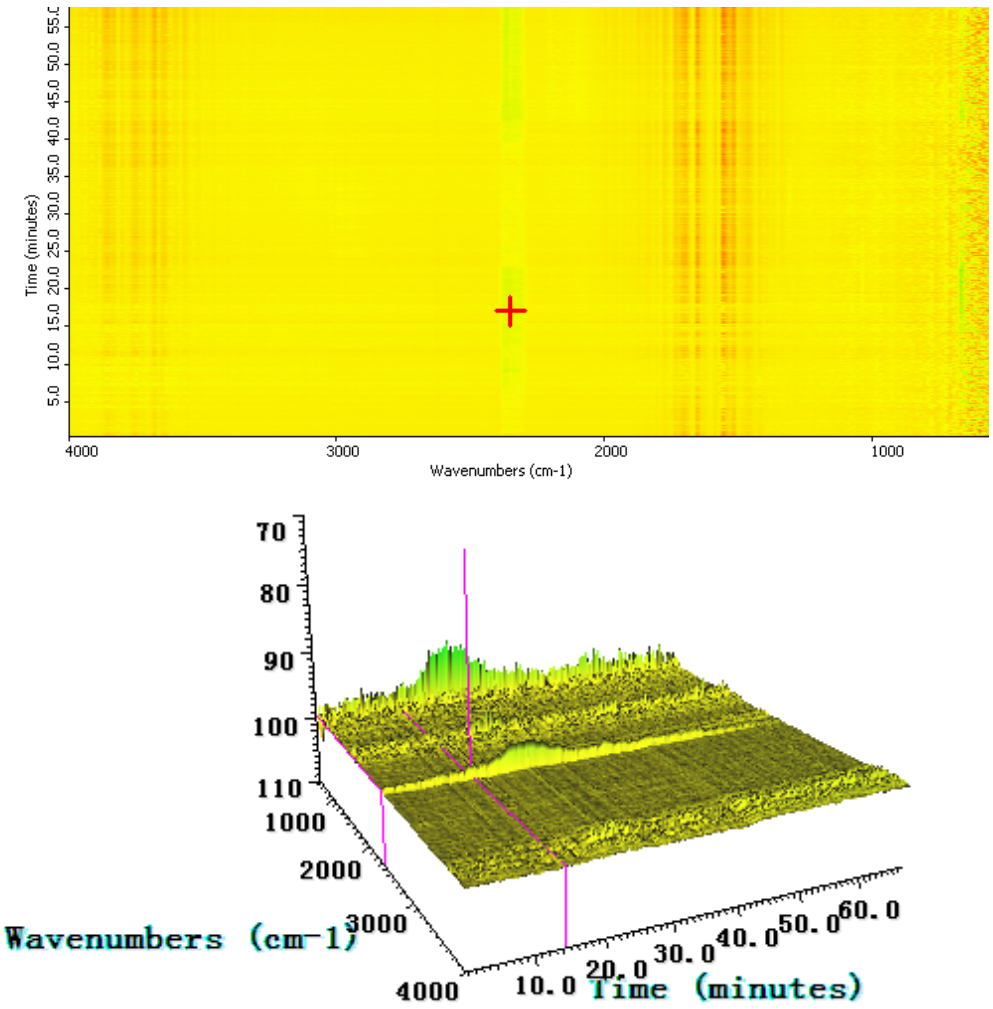


Figure S10. TG-FTIR spectra of Tung seed shell pyrolysis at a heating rate of 12.5°C/min.

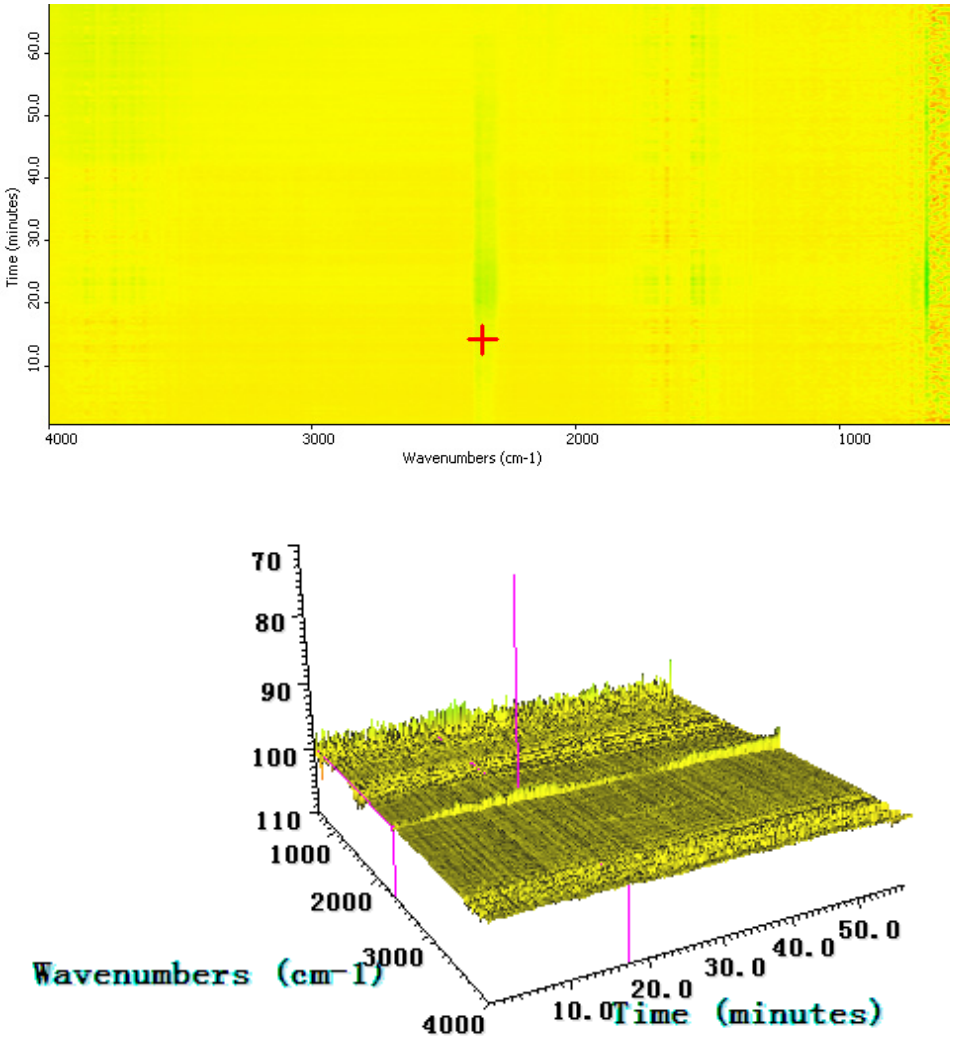


Figure S11. TG-FTIR spectra of Tung seed shell pyrolysis at a heating rate of 15°C/min.

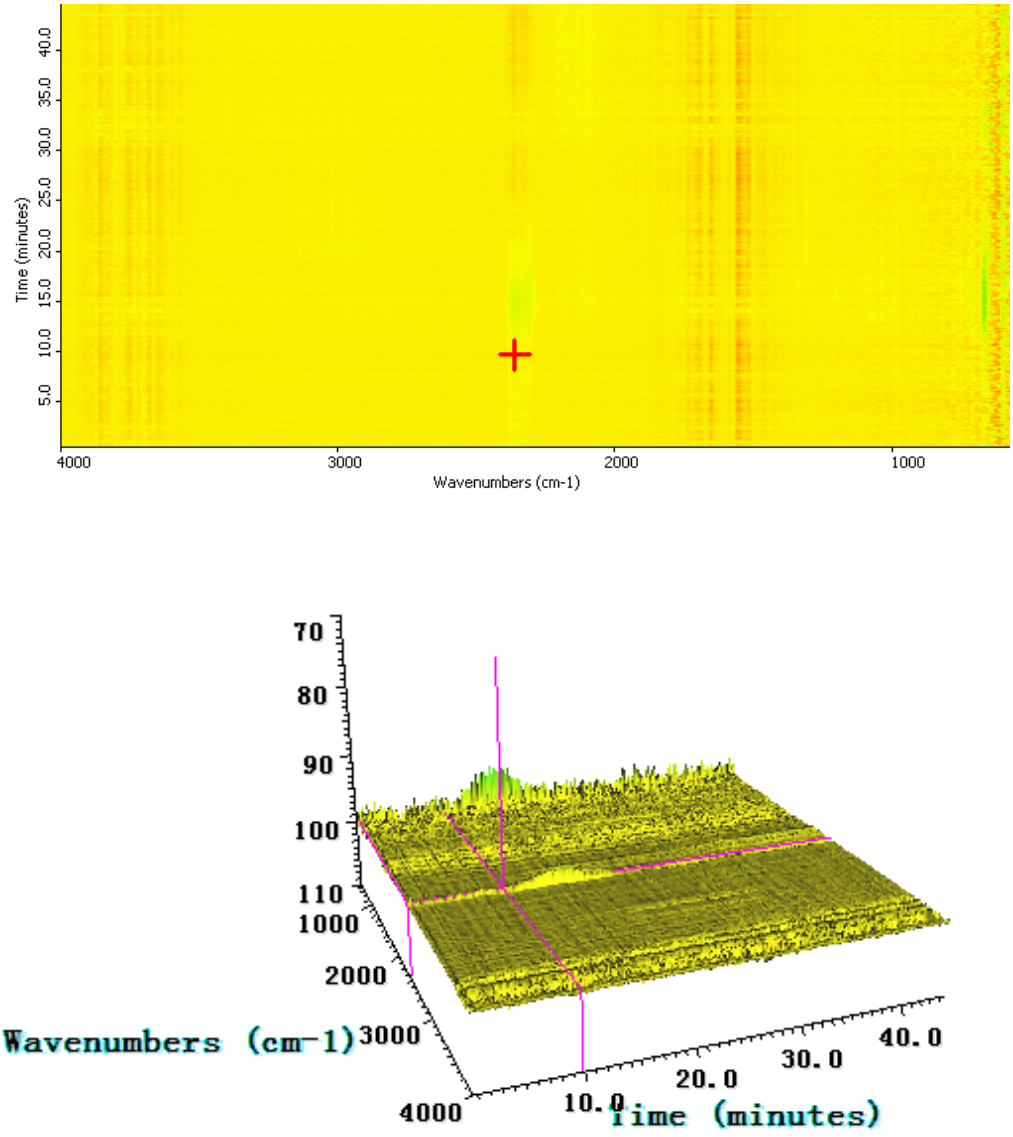


Figure S12. TG-FTIR spectra of Tung seed shell pyrolysis at a heating rate of 20°C/min.