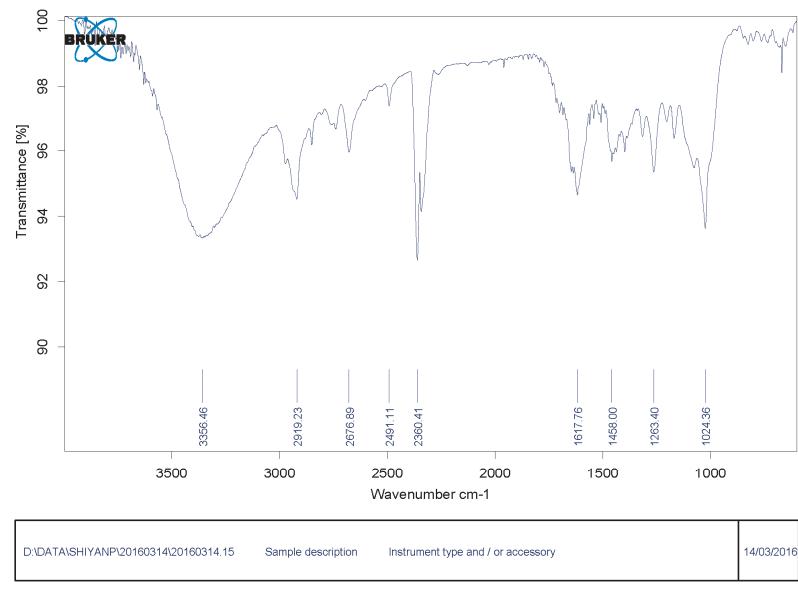


# Supplementary Materials: Polyphenols Isolated from *Xanthoceras sorbifolia* Husks and Their Anti-Tumor and Radical-Scavenging Activities

Chun-Yan Yang, Wei Ha, Yong Lin, Kan Jiang, Jun-Li Yang and Yan-Ping Shi



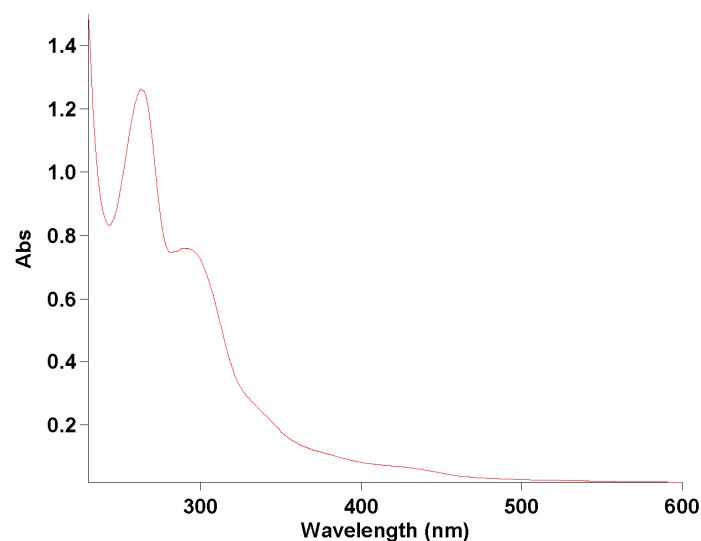
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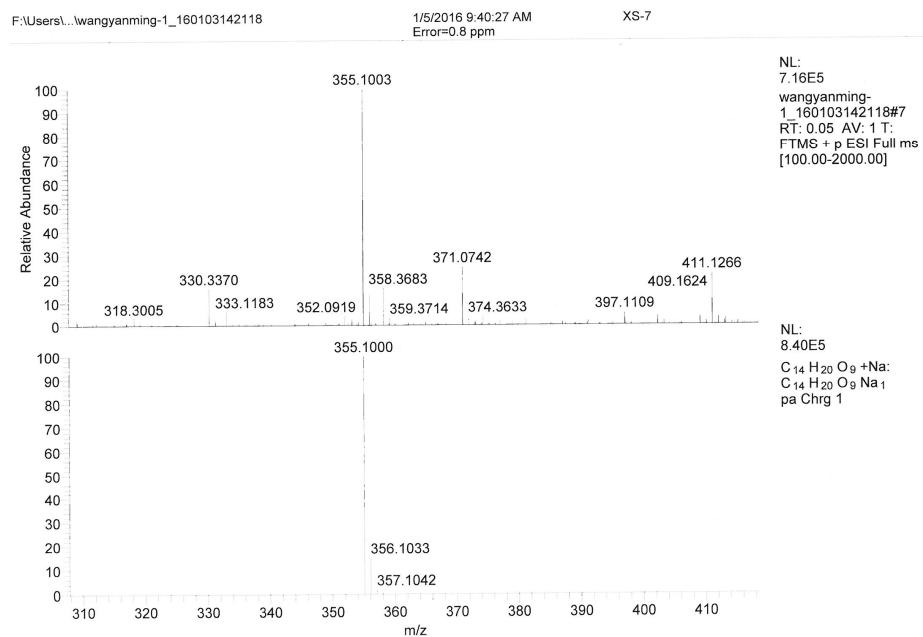
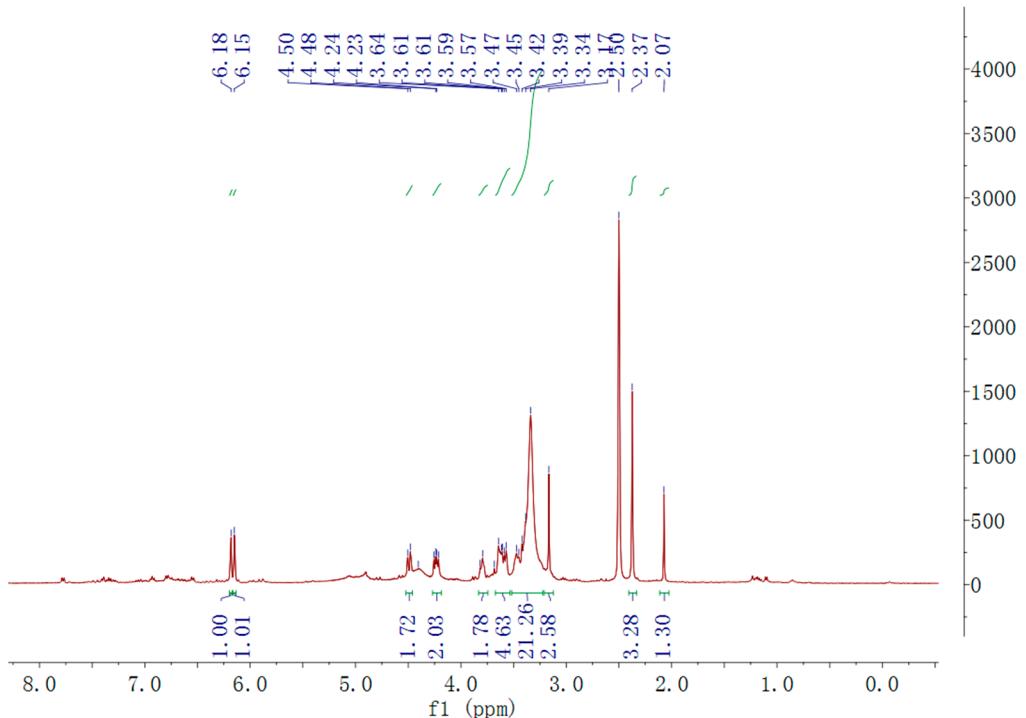
**Figure S1.** IR spectrum of xspolyphenol A.

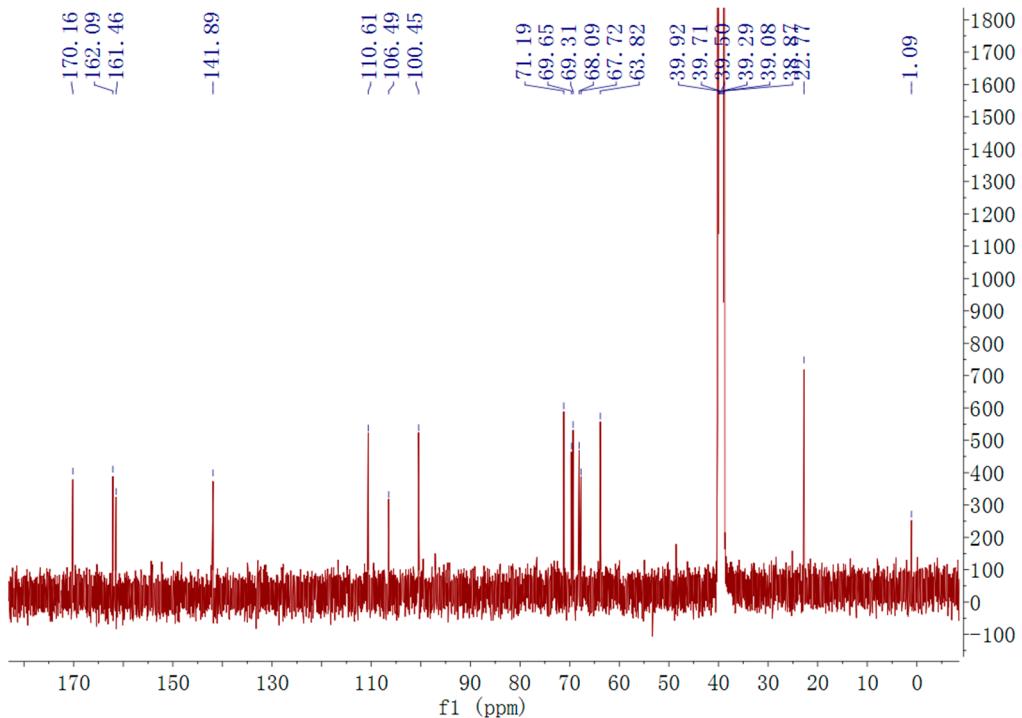
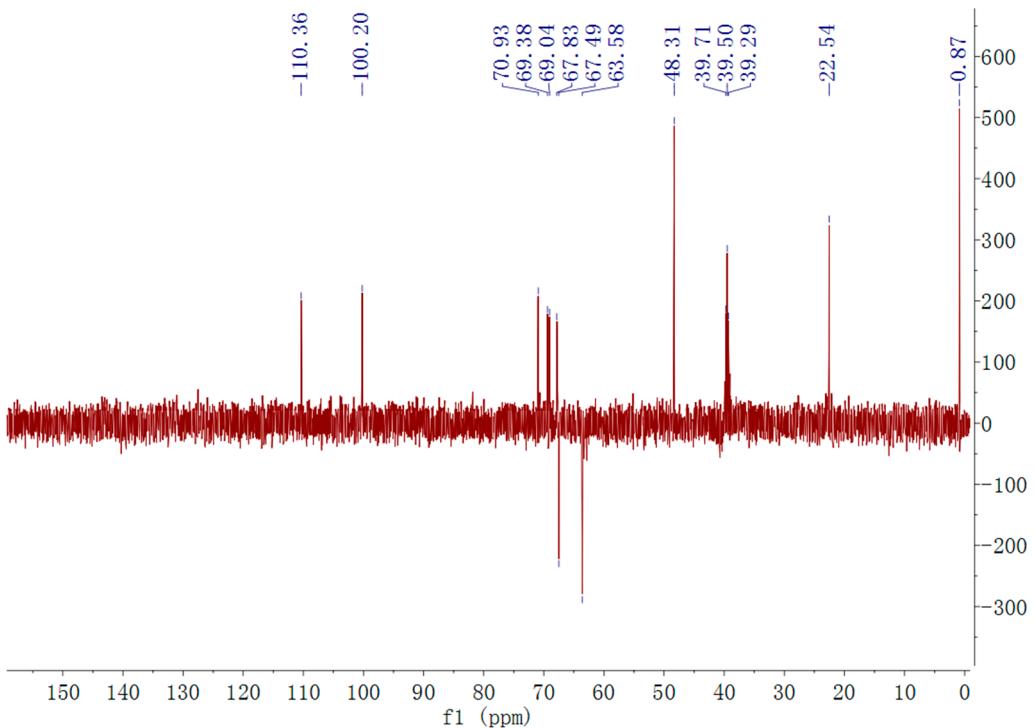
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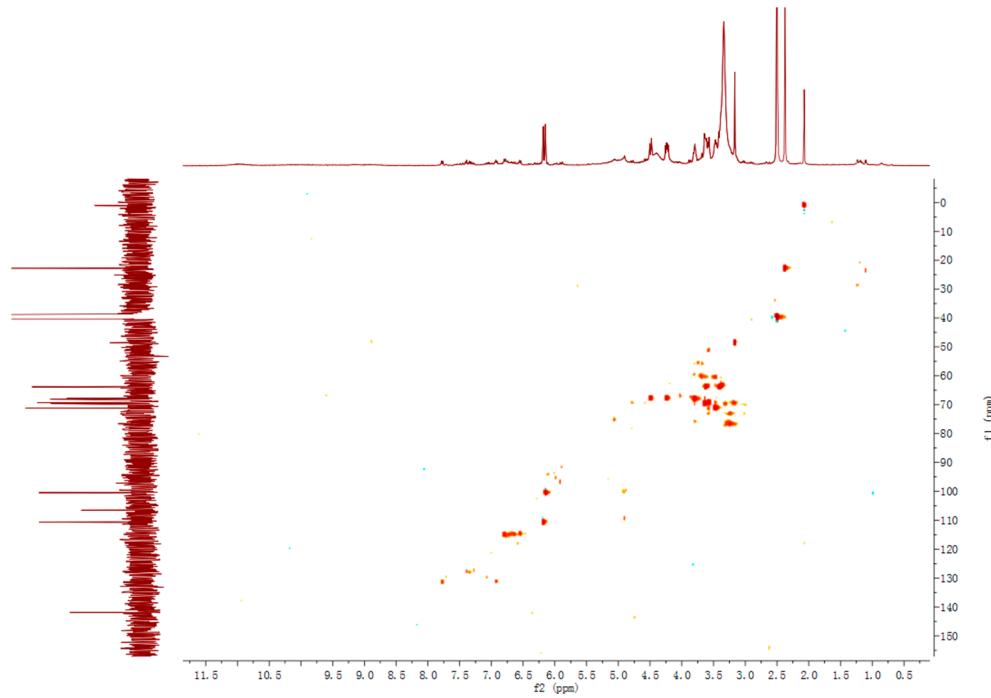
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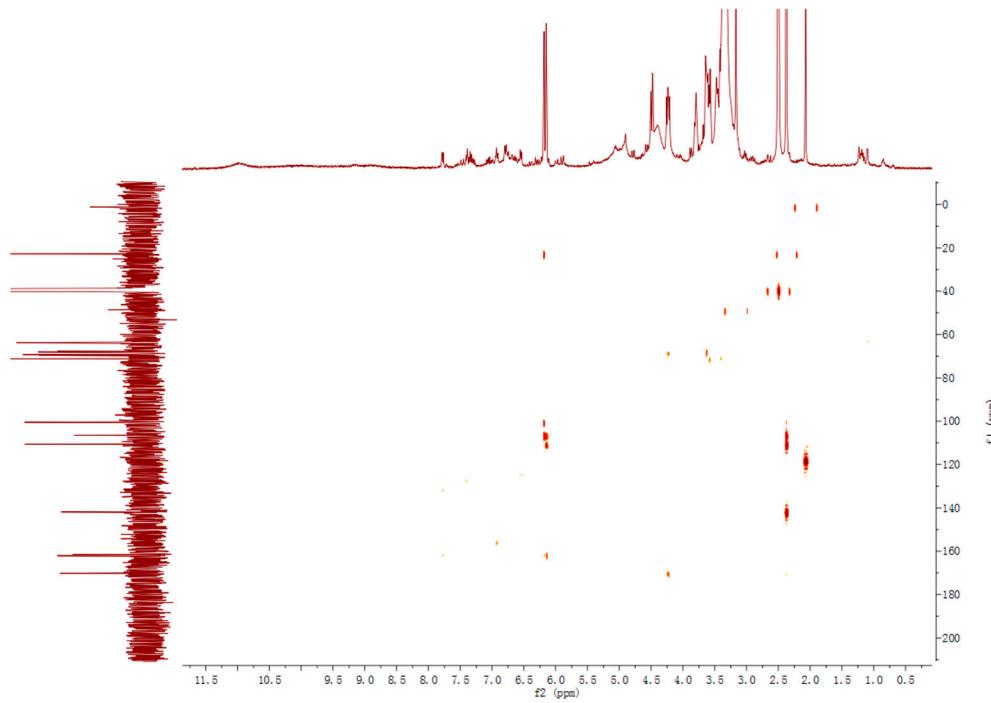
**Figure S2.** UV spectrum of xspolyphenol A.

**Figure S3.** HR-ESI-MS of xspolyphenol A.**Figure S4.**  $^1H$ -NMR of xspolyphenol A.

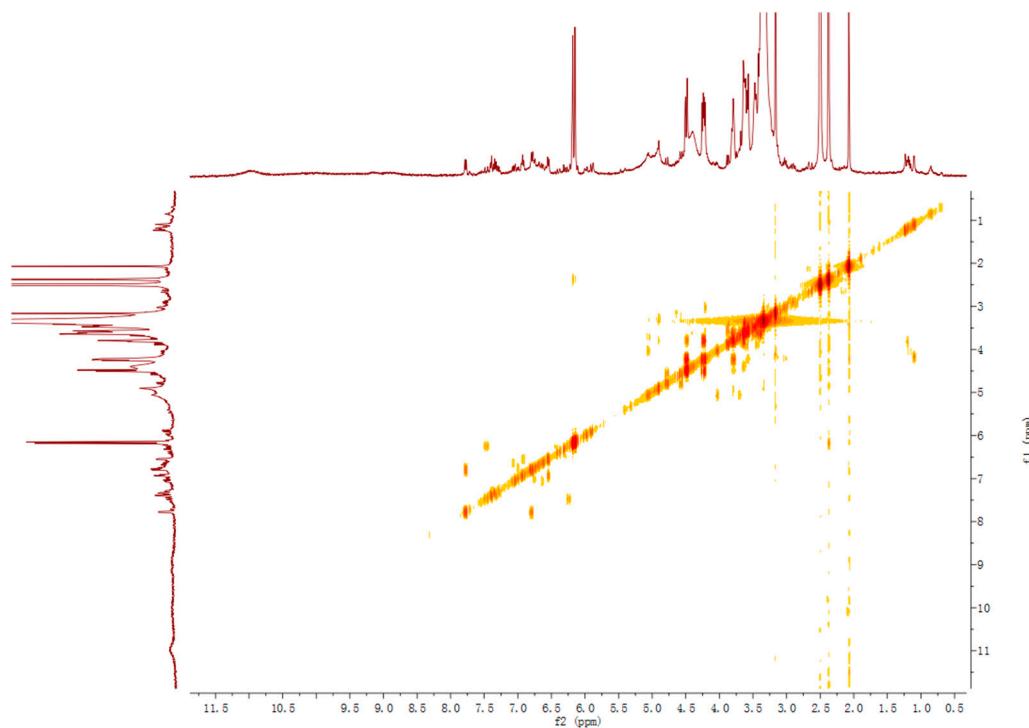
**Figure S5.**  $^{13}\text{C}$ -NMR of xspolyphenol A.**Figure S6.** DEPT of xspolyphenol A.



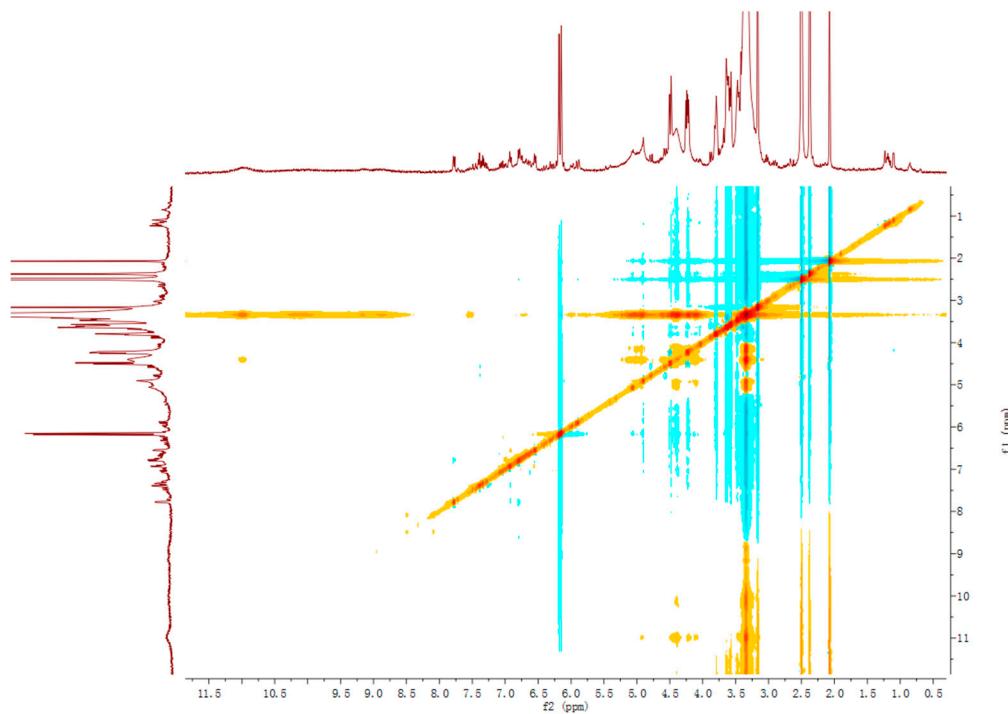
**Figure S7.** HSQC of xspolyphenol A.



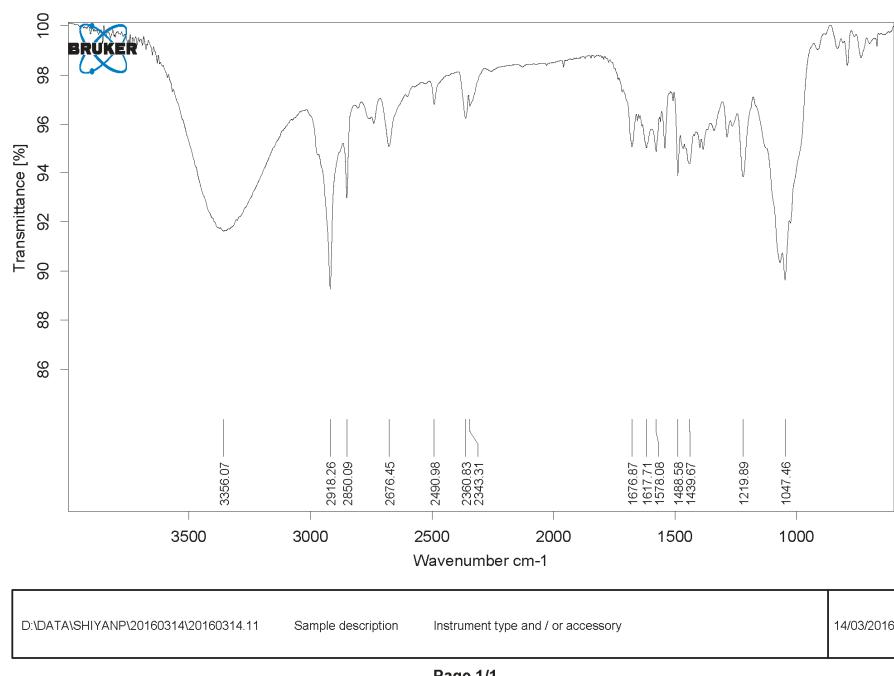
**Figure S8.** HMBC of xspolyphenol A.



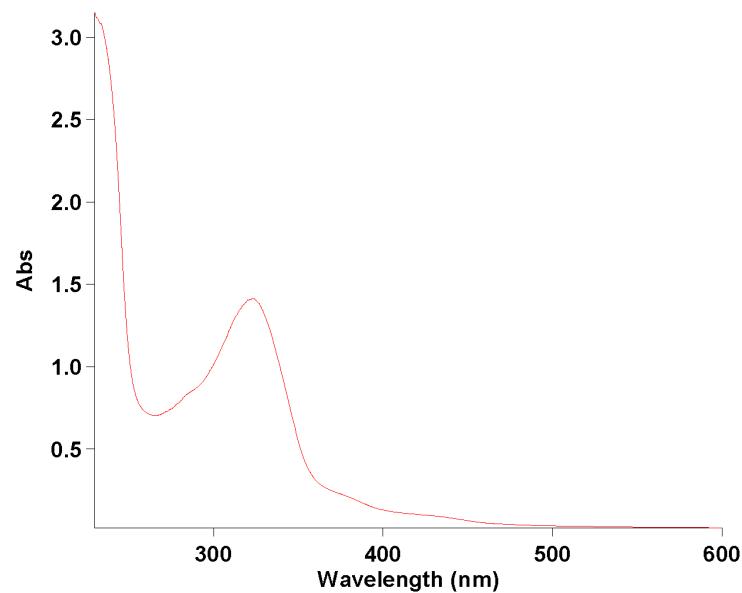
**Figure S9.**  $^1\text{H}$ - $^1\text{H}$  COSY of xspolyphenol A.

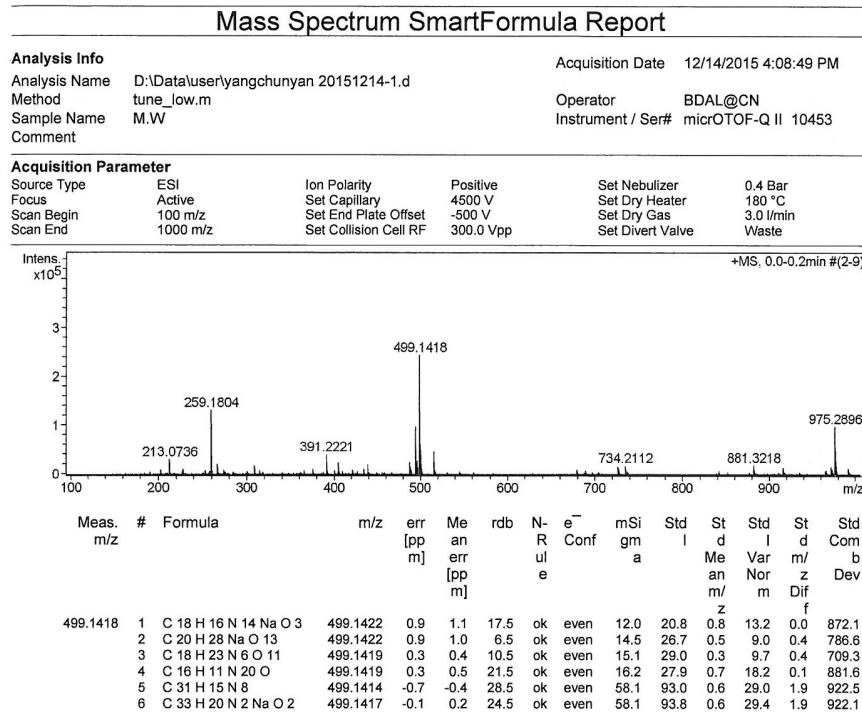


**Figure S10.** NOESY of xspolyphenol A.

**Figure S11.** IR spectrum of xspolyphenol B.

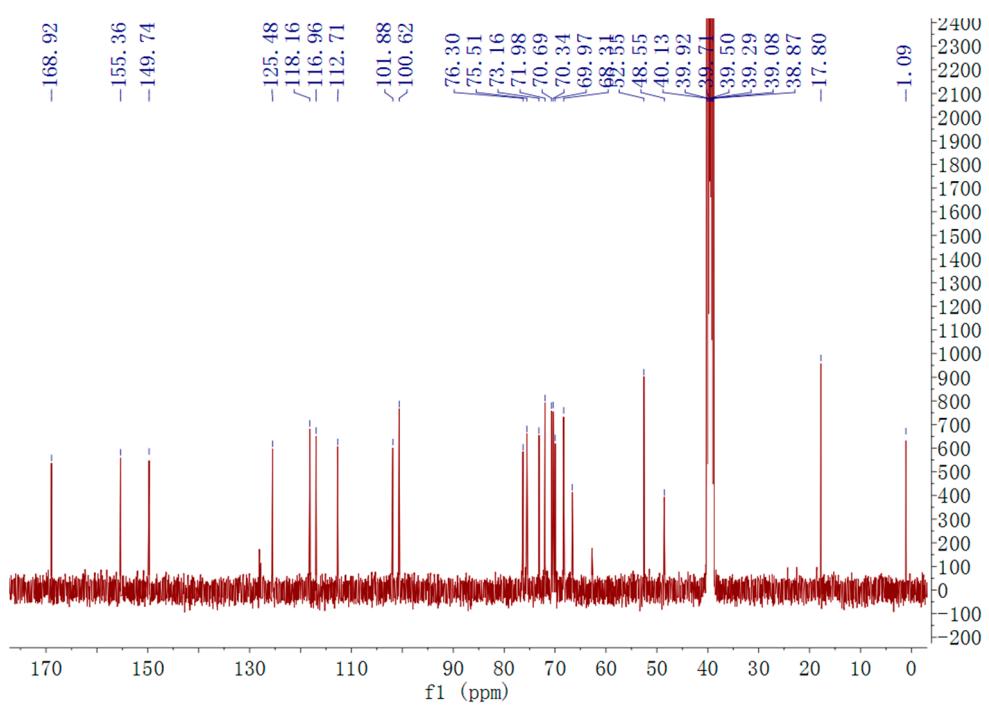
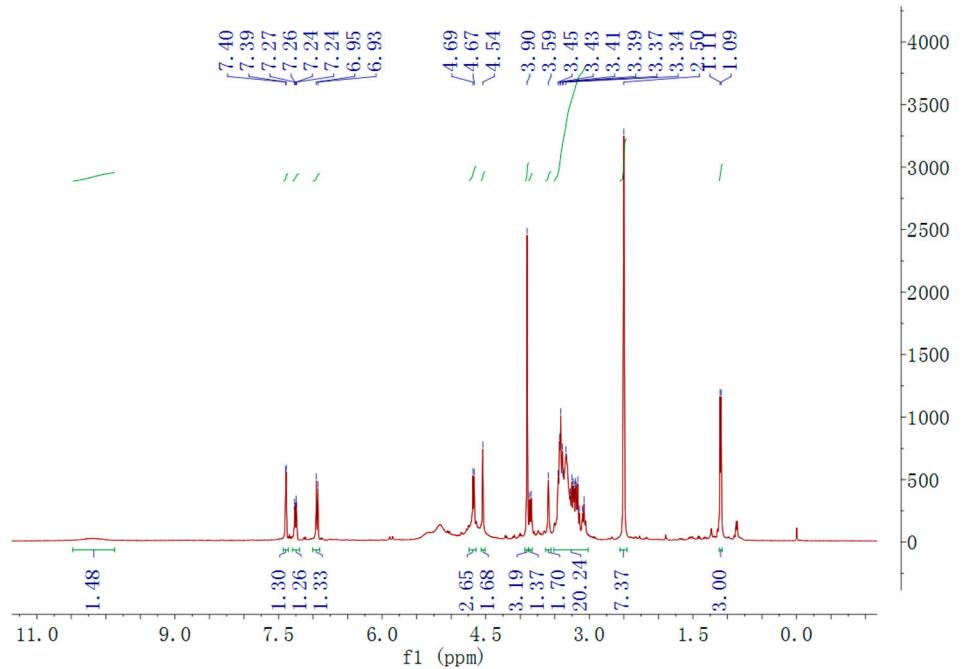
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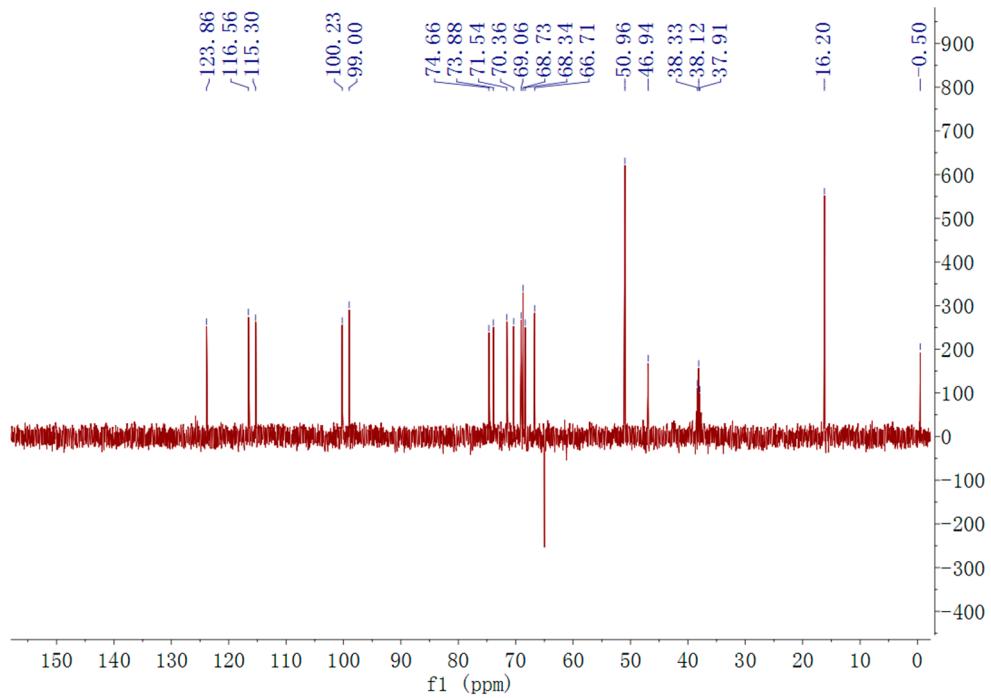
**Figure S12.** UV spectrum of xspolyphenol B.



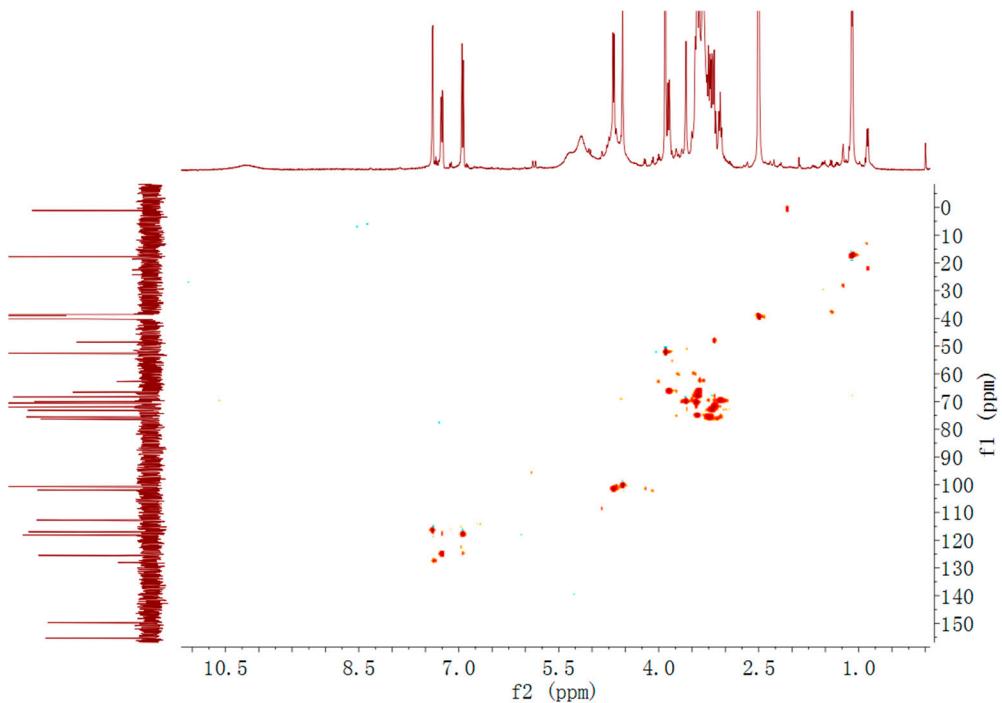
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**Figure S13.** HR-ESI-MS of xspolyphenol B.

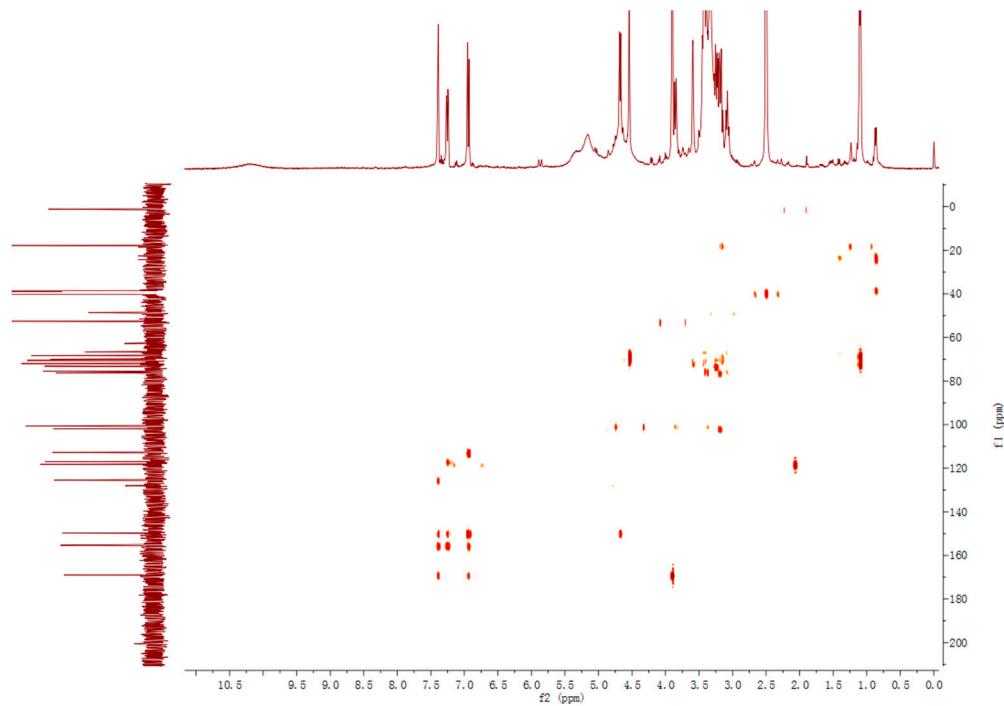




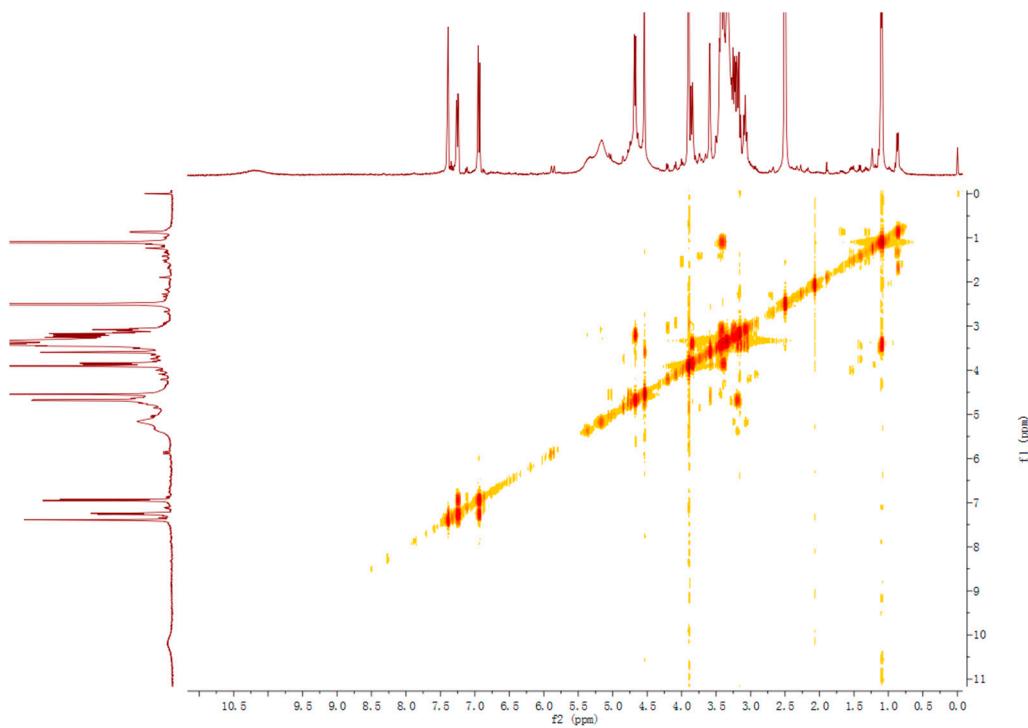
**Figure S16.** DEPT of xspolyphenol B.



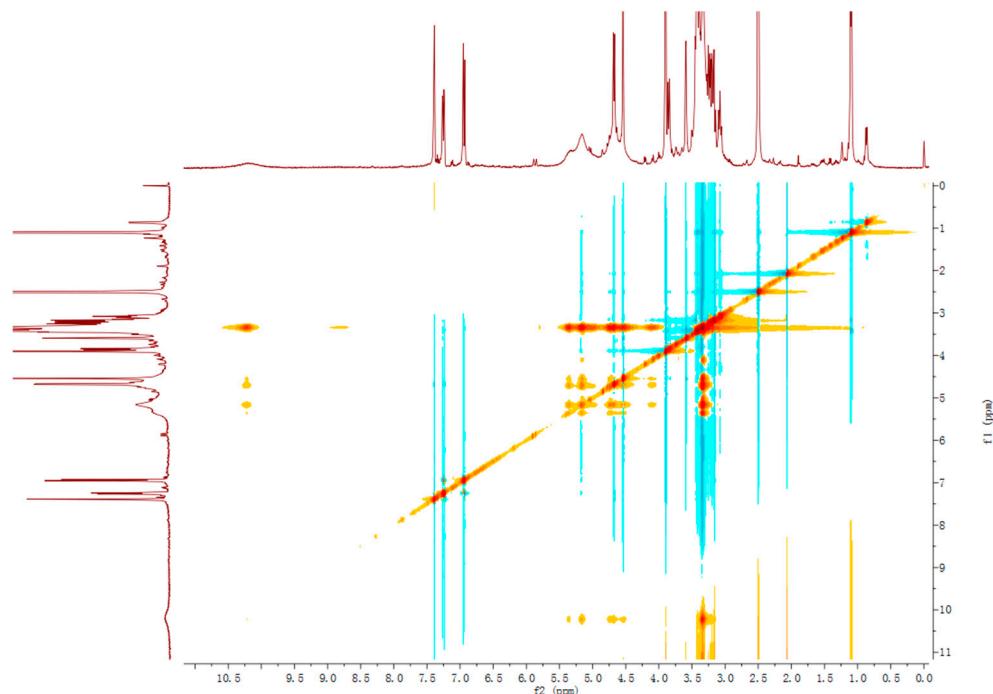
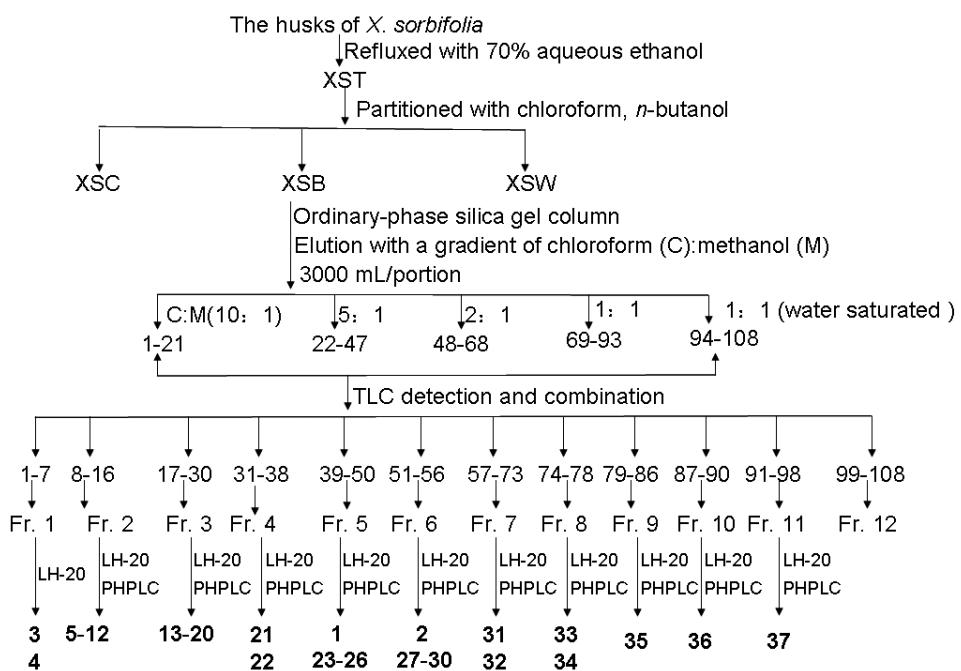
**Figure S17.** HSQC of xspolyphenol B.



**Figure S18.** HMBC of xspolyphenol B.



**Figure S19.**  $^1\text{H}$ - $^1\text{H}$  COSY of xspolyphenol B.

**Figure S20.** NOESY of xspolyphenol B.**Figure S21.** The extraction and separation diagram of polyphenols (1–37) from the husks of XS.