**Data repository files**

The XAFS spectra collected on the B18 beamline at the Diamond light Source are found in the Athena files called

* 20g Ash XAS spectra
* Washcoat XAS spectra

The mass spectrometry results from all catalyst testing for the 20g Ash, Washcoat and 0g Ash samples are in the Origin file “MS profiles”

To download the free XAFS Athena software use the following link

<https://bruceravel.github.io/demeter/>