

U Microscopic investigations of indoor dust contamination with Brominated Flame Retardants B

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Investigation of archive dust samples of elevated BFR concentrations

- Two dust samples containing elevated concentrations of BDE-209 (0.3 and 1.4 mg/g) investigated with forensic microscopy techniques
 - Micro XRFS (X-ray fluorescence spectroscopy)
 - SEM/EDS (scanning electron microscopy/energy dispersive spectroscopy)
 - FTIR
- Plastic particles with high BDE-209 content identified in both dusts.
- Elevated concentrations in the dust is a result of small particles from a BFR treated product abrading off and falling into the dust