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Electronic Supplementary Information

Three-dimensional graphene aerogels-mesoporous carbon composites as novel coating of solid-phase microextraction for the efficient enrichment of brominated flame retardants

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Fig. S-1 Effect of extraction time (a), temperature (b), stirring rate (c) and ionic strength (d) on the extraction efficiency.

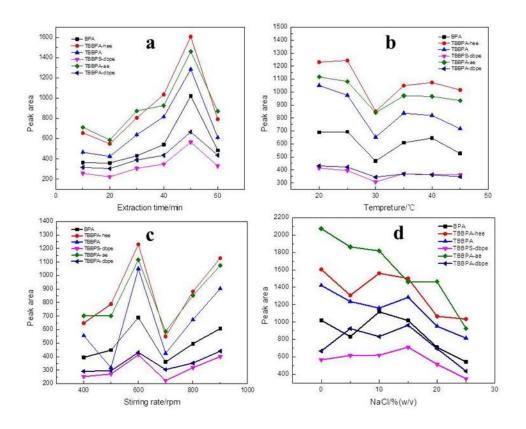


Table S-1. Chemical structures of BFRs considered in this work

Abbreviation	Name	Chemical Structure
BPA	Bisphenol A	HO————————————————————————————————————
TBBPA-hee	Tetrabromobisphenol-A bis(2-hydroxyethyl ether)	B_{r} CH_{3} B_{r} OH OH
ТВВРА	Tetrabromobisphenol-A	$\operatorname{HO} \longrightarrow \operatorname{CH_3} \longrightarrow \operatorname{Br} \longrightarrow \operatorname{OH}$ $\operatorname{Br} \longrightarrow \operatorname{CH_3} \longrightarrow \operatorname{Br}$
TBBPS-dbpe	Tetrabromobisphenol-S- bis-(2,3-dibromopropyl ether)	Br O Br O Br O Br O Br O Br O
TBBPA-ae	Tetrabromobisphenol-A- bis(allyl ether)	$O \xrightarrow{Br} CH_3 \xrightarrow{Br} O \xrightarrow{Br}$
TBBPA-dbpe	Tetrabromobisphenol-A- bis(2,3-dibromopropyl ether)	Br O Br $CH3$ Br O Br Br O Br Br O Br O Br O