Supplementary Table S4. Age- and Ethnicity-Adjusted Associations ( $\beta$  [CI]) Between BDE-47 Trajectories (ng/g Lipid) and Serum Thyroid Parameters Measured at Three years, Five years, or Three and Five Years

$Log_{10}TSH (\mu IU/mL)$	Free T4 (pmol/L)	Total T4 (nmol/L)
Reference	Reference	Reference
-0.05 [-0.14 to 0.03]	-0.29 [-1.20 to 0.62]	-1.88 [-12.37 to 8.60]
-0.06 $[-0.14$ to $0.02]$	-0.38 [-1.19 to 0.42]	-3.37 [ $-12.63$ to $5.89$ ]
Reference	Reference	Reference
-0.14 [-0.26 to $-0.03$ ]	-0.13 [-1.42 to 1.16]	-0.52 [-18.91 to 17.87]
	-1.45 [-2.63 to $-0.28$ ]	-6.90 [-23.68 to 9.88]
Reference	Reference	Reference
-0.08 [-0.15 to $-0.01$ ]	-0.20 [-0.92 to 0.52]	-0.61 [ $-10.66$ to 9.44]
-0.09 [-0.16 to -0.02]	-0.65 [-1.37 to 0.07]	-4.80 [-13.11 to 3.51]
	Reference -0.05 [-0.14 to 0.03] -0.06 [-0.14 to 0.02] Reference -0.14 [-0.26 to -0.03] -0.17 [-0.28 to -0.06] Reference -0.08 [-0.15 to -0.01]	Reference         Reference $-0.05 \ [-0.14 \ to \ 0.03]$ $-0.29 \ [-1.20 \ to \ 0.62]$ $-0.06 \ [-0.14 \ to \ 0.02]$ $-0.38 \ [-1.19 \ to \ 0.42]$ Reference         Reference $-0.14 \ [-0.26 \ to \ -0.03]$ $-0.13 \ [-1.42 \ to \ 1.16]$ $-0.17 \ [-0.28 \ to \ -0.06]$ $-1.45 \ [-2.63 \ to \ -0.28]$ Reference         Reference $-0.08 \ [-0.15 \ to \ -0.01]$ $-0.20 \ [-0.92 \ to \ 0.52]$

<sup>a</sup>185 children and 223 observations.