

High Relaxivity Trimetallic Nitride (Gd₃N) Metallofullerene MRI Contrast Agents with Optimized Functionality

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Supporting Information

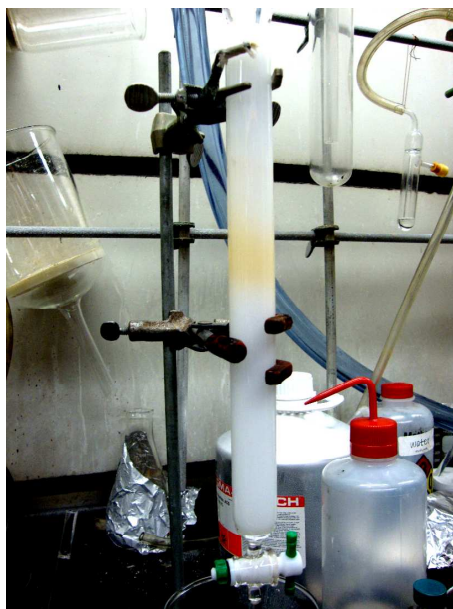
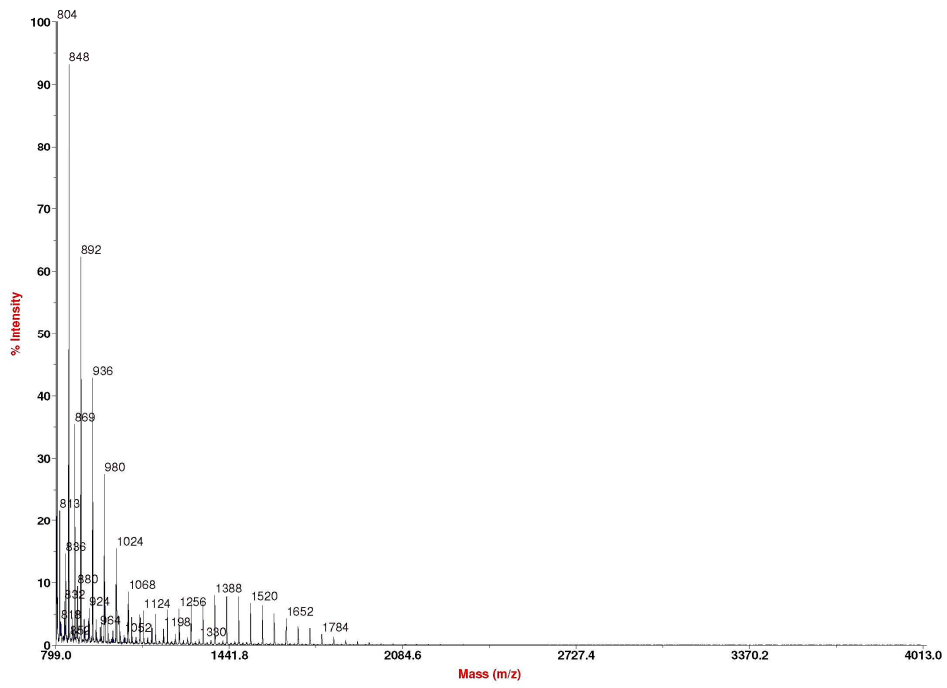
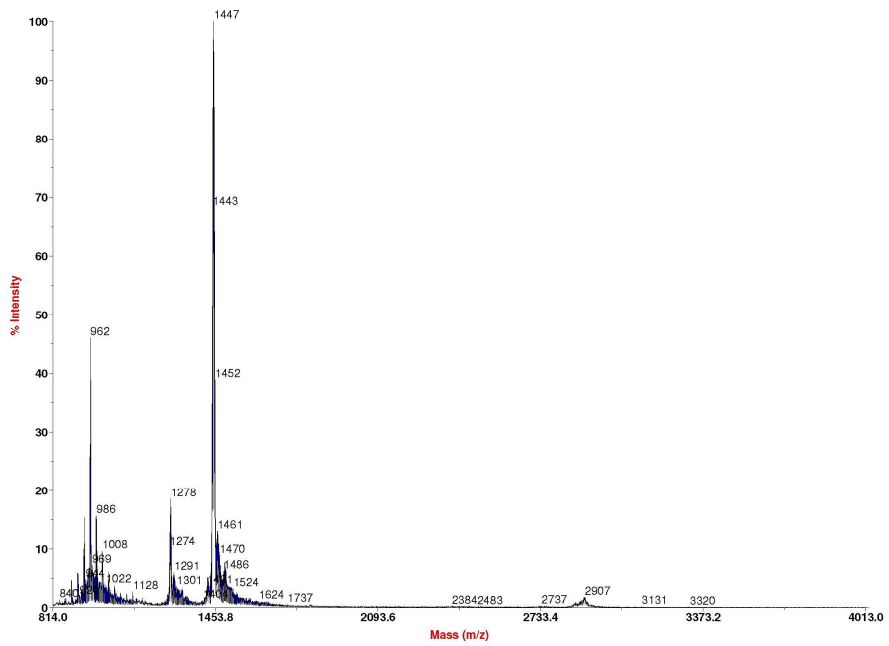


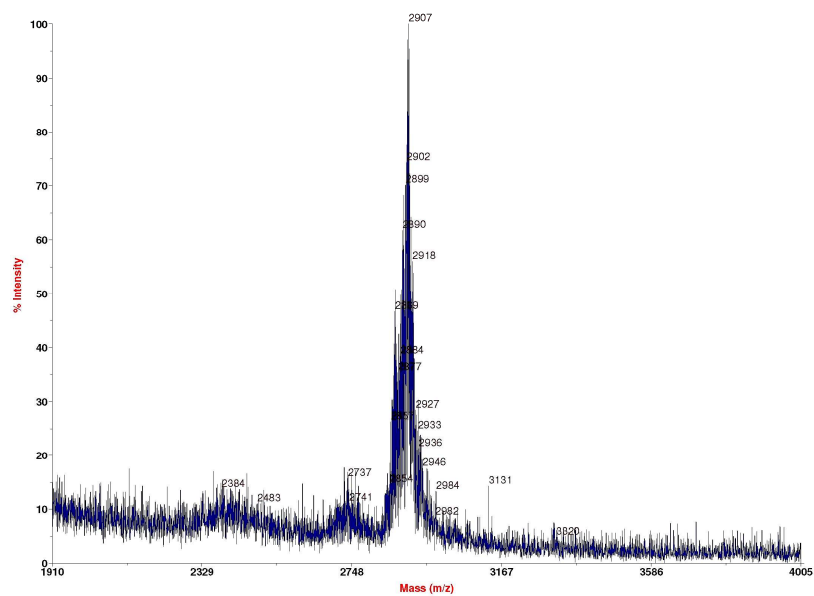
Figure 1. Picture of purifying $Gd_3N@C_{80}[DiPEG(OH)_x]$ with Sephadex G25 size-exclusion gel column. The diameter of the column is 2.5cm and the length is 42cm. Elution time is 55 minutes.



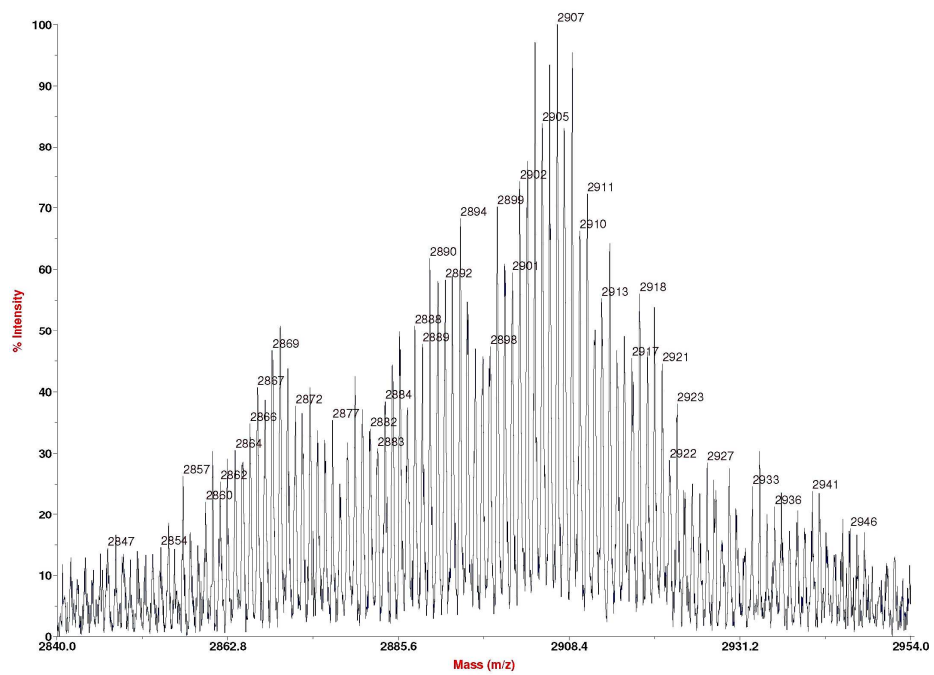
(a)



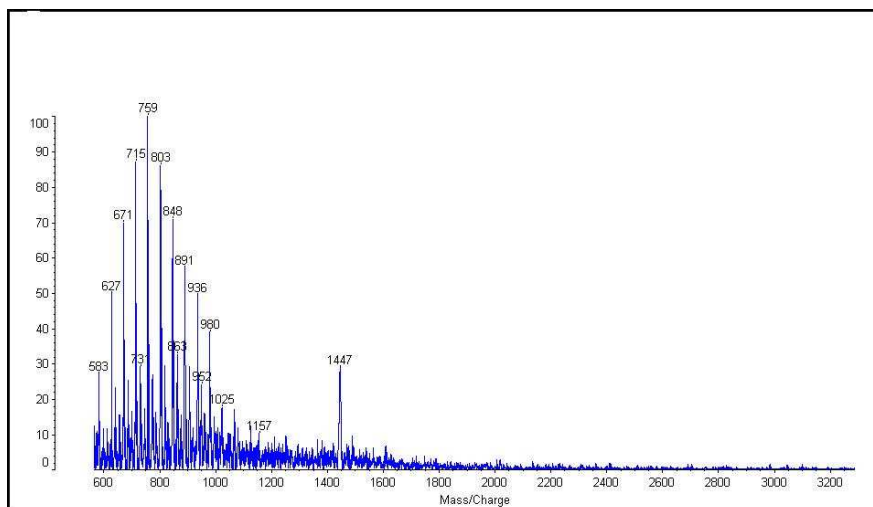
(b)



(c)



(d)



(e)

Figure 2. MALDI-TOF Mass spectra of: (a) DiPEG750, (2,5-Dihydroxybenzoic acid, was used as the matrix); (b) (c) (d) $Gd_3N@C_{80}[DiPEG750]$, (9-nitroanthracene was used as the matrix); (e) $Gd_3N@C_{80}[DiPEG750(OH)_x]$, (9-nitroanthracene was used as the matrix).