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Supplemental Information

Metabolite Profiling of the Antisense Oligonucleotide Eluforsen Using Liquid Chromatography-Mass Spectrometry

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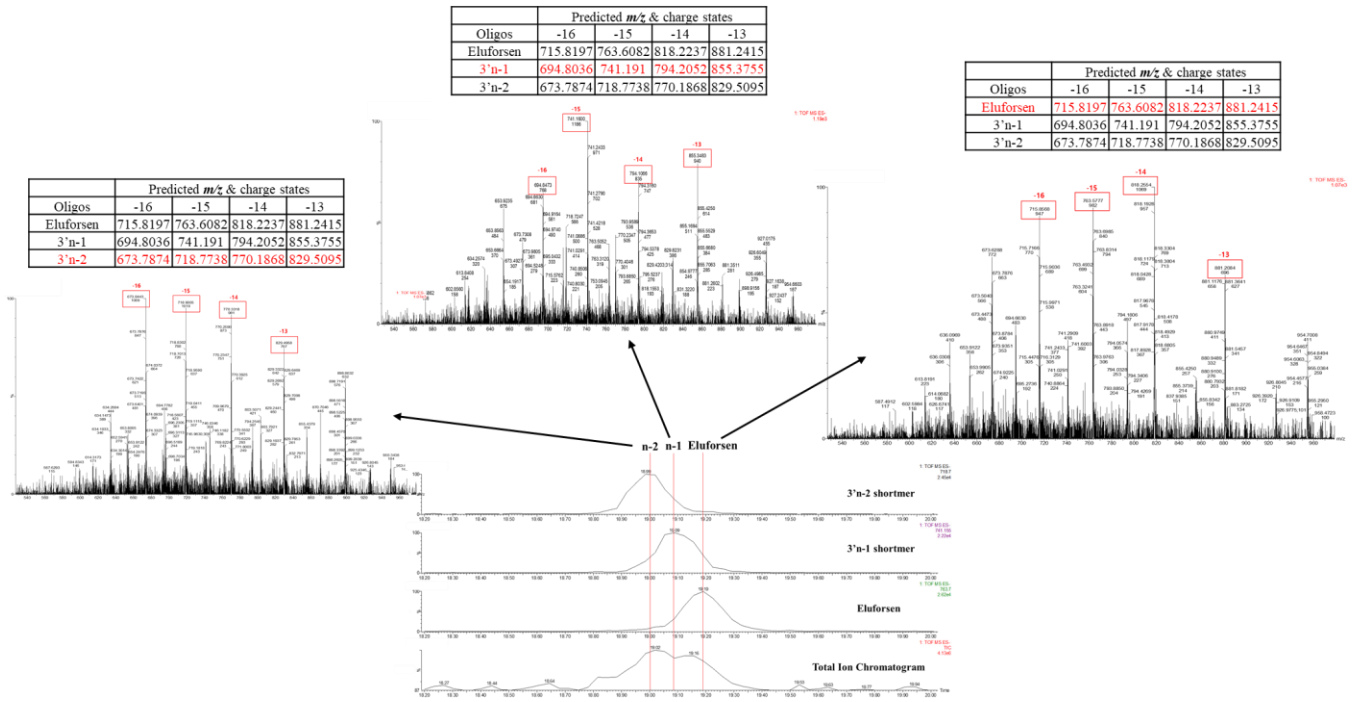
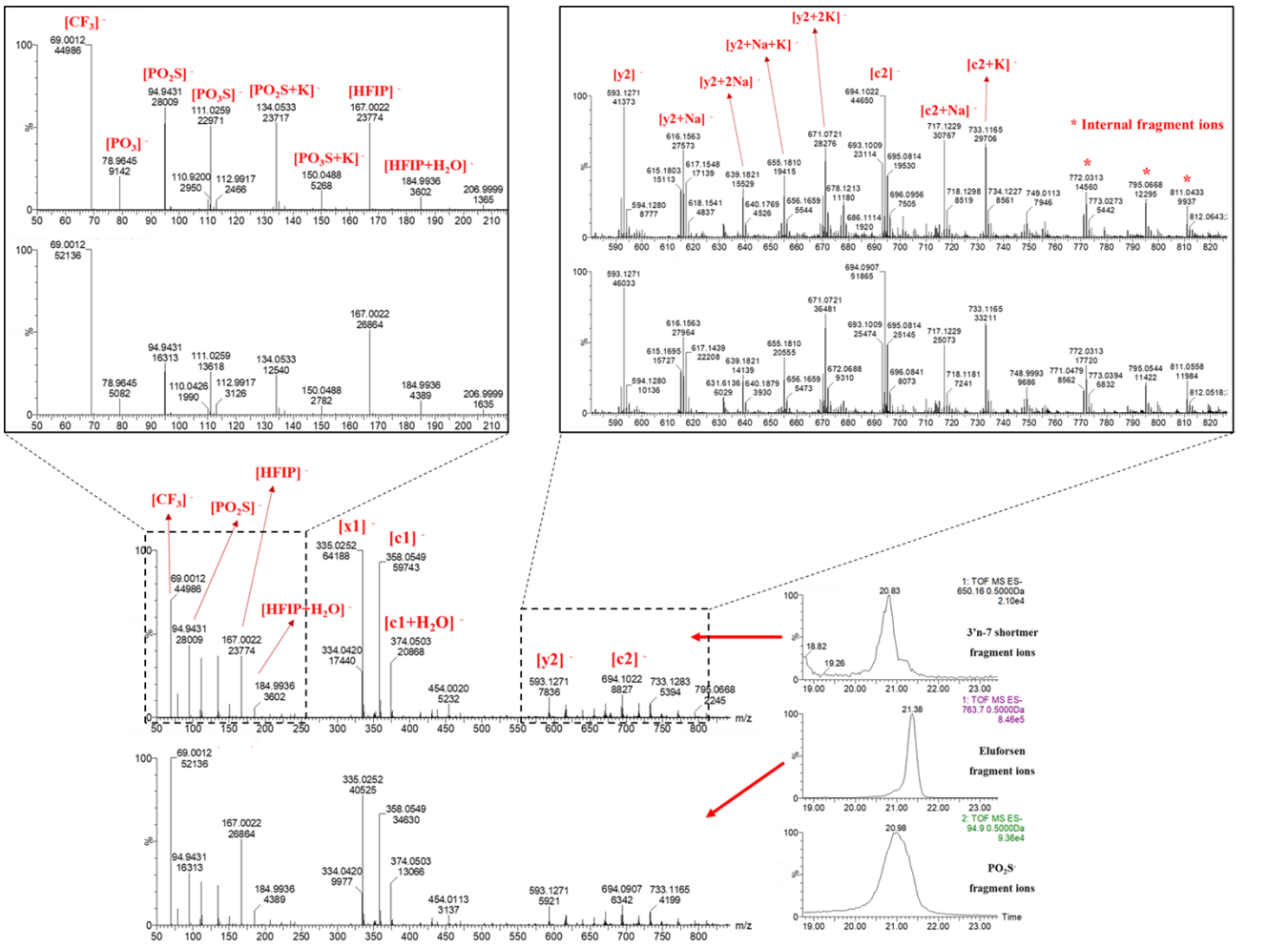
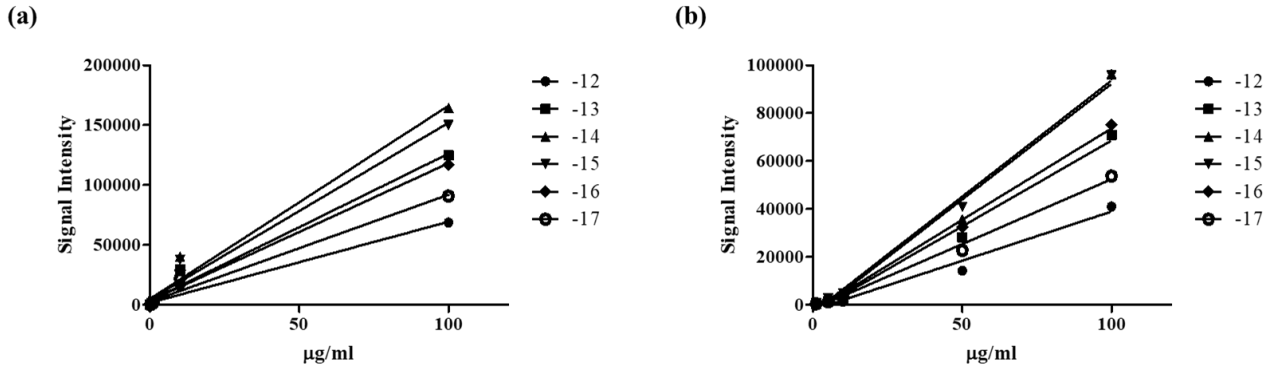


Supplementary Figure 1 Examples of how to identify eluforsen and its metabolites from precursor ion chromatogram and MS spectra.



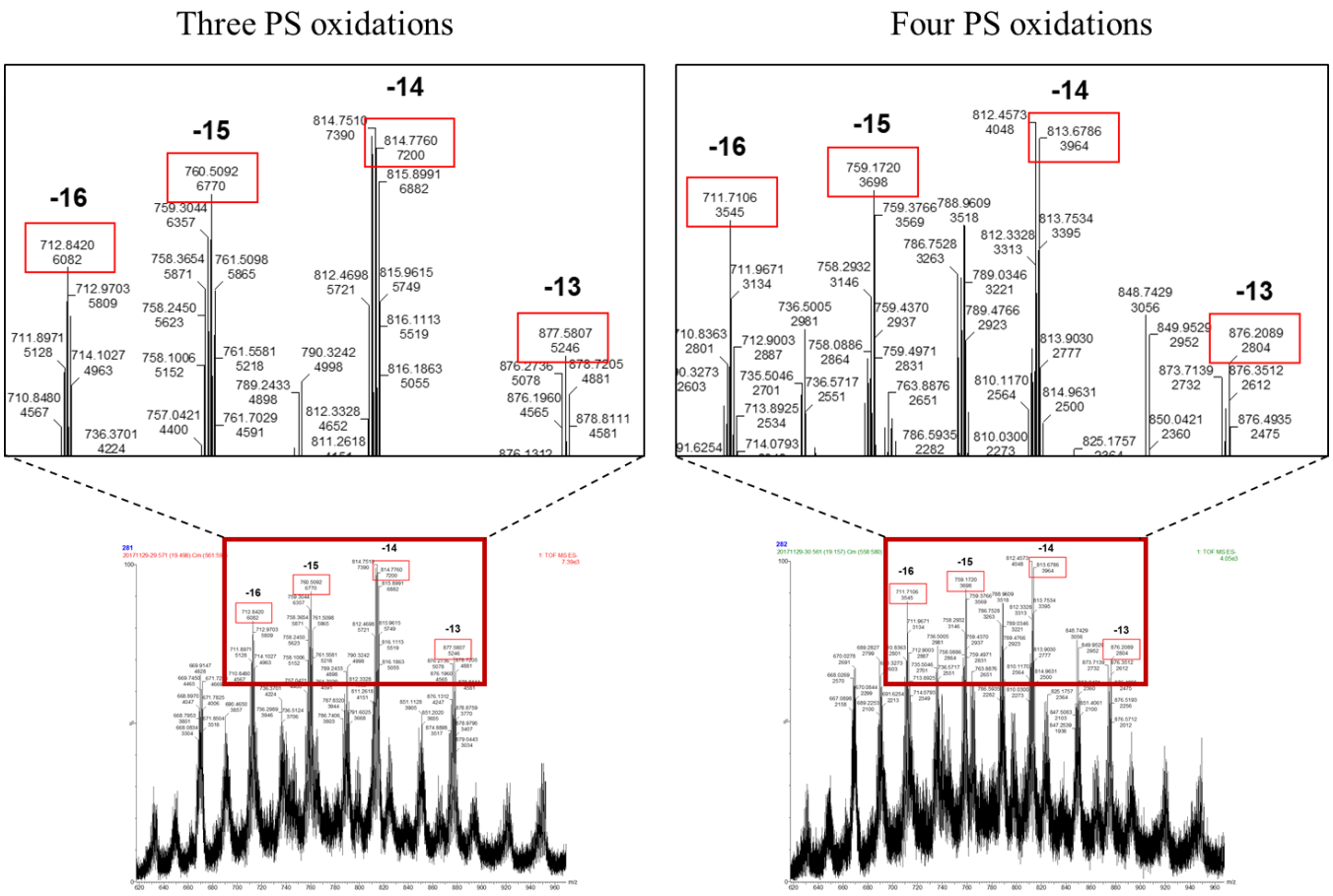
Supplementary Figure 2 Examples of MS^E fragmentation patterns of eluforsen and its metabolites.



Charge States	-12	-13	-14	-15	-16	-17
R^2 (from 0.1 to 100 µg/ml)	0.9846	0.9807	0.9789	0.9771	0.9790	0.9805
R^2 (from 0.1 to 10 µg/ml)	0.9997	0.9995	0.9997	0.9994	0.9997	0.9996

Charge States	-12	-13	-14	-15	-16	-17
R^2 (from 1 to 100 µg/ml)	0.9782	0.9902	0.9842	0.9947	0.9950	0.9946
R^2 (from 1 to 50 µg/ml)	0.9914	0.9915	0.9922	0.9939	0.9934	0.9968

Supplementary Figure 3 Calibration curves for liver (a) and lung (b) samples.



Supplementary Figure 4 Examples of MS spectra to confirm the presence of some oxidations of phosphorothioate backbone in mouse lung samples.