

Figure S1

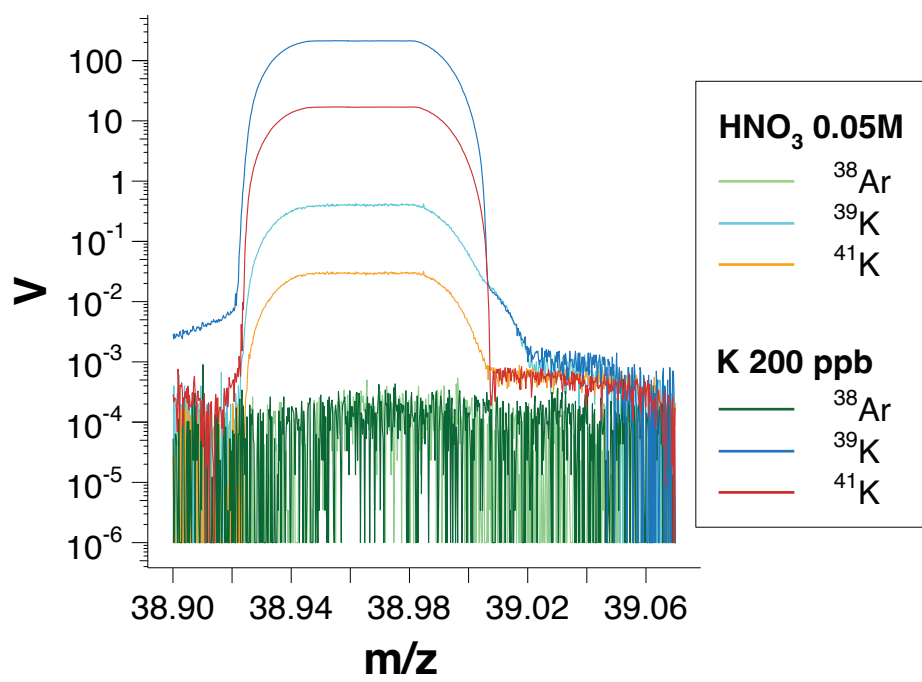


Figure S2

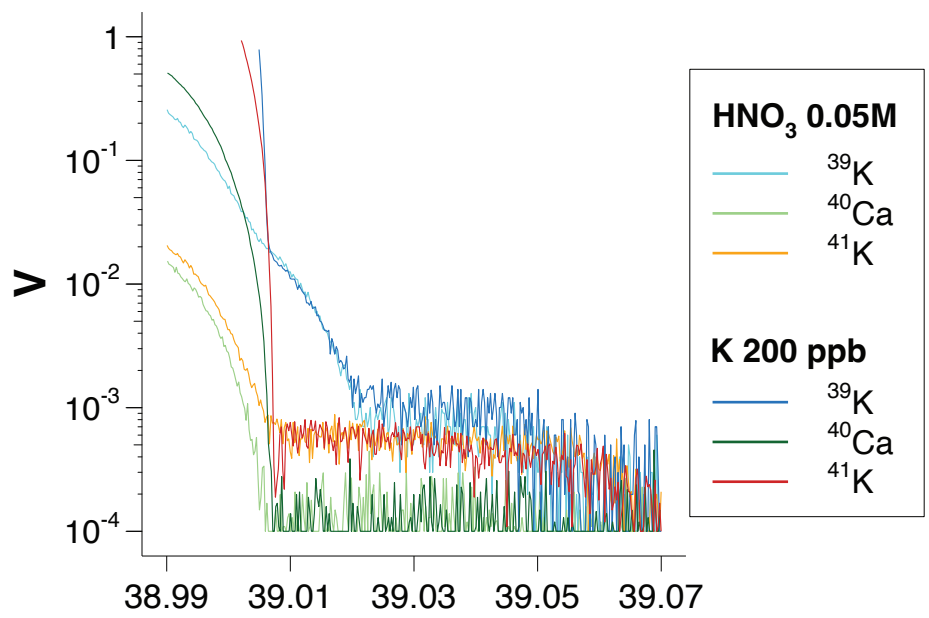


Figure S3

| RM | Nature | Sample processed | $\delta^{41}\text{K} \pm 2 \text{ SD, } \text{‰}$ | n |
|-----------|------------------------|------------------|---|---|
| BCR1 | Basalt | 1 | -0.42 ± 0.10 | 3 |
| BCR1 | | 2 | -0.33 ± 0.08 | 2 |
| GA | Granite | 1 | -0.48 ± 0.09 | 3 |
| GA | | 1 | -0.43 ± 0.07 | 6 |
| SRM 1577c | Bovine liver | 1 | 0.17 ± 0.08 | 4 |
| SRM 1577c | | 2 | 0.14 ± 0.07 | 3 |
| DORM4 | Fish protein | 1 | -0.21 ± 0.08 | 4 |
| DORM4 | | 2 | -0.26 ± 0.03 | 2 |
| BCR-383 | Green beans | 1 | -0.87 ± 0.08 | 3 |
| BCR-383 | | 1 | -0.77 ± 0.03 | 4 |
| BCR-383 | | 2 | -0.82 ± 0.03 | 3 |
| IAPSO | Seawater | 1 | 0.15 ± 0.06 | 4 |
| IAPSO | | 2 | 0.03 ± 0.09 | 3 |
| ERM-CE464 | Tuna fsh | 1 | 0.37 | 4 |
| ERM-CE464 | | 2 | 0.34 | 6 |
| TORT3 | Lobster hepatopancreas | 1 | -0.27 ± 0.04 | 4 |
| TORT3 | | 2 | -0.26 ± 0.01 | 2 |
| BCR-380 | Whole milk | 1 | 0.08 ± 0.09 | 3 |
| BCR-380 | | 2 | 0.01 ± 0.10 | 3 |

Table S1