

Samples

Sample ID	Date Collected	Time Collected	Latitude	Longitude	General Location	Notes
Bottle #1	4/21/2021	2:46pm	33.895841	-78.054136	Oak Island, NC	public access foam on beach, no identifiable source, first sample collected so there is not much foam present in bottle
Bottle #2	4/25/2021	10:11am	34.179741	-77.999126	N/A	foam from roof gutters
Bottle #3	5/13/2021	12:24pm	33.913631	-78.147131	Oak Island, NC	Ocean Crest Fishing Pier; foam on beach by dune development
Bottle #4	5/26/2021	2:43pm	33.924916	-78.001075	N/A	along Cape Fear River
Bottle #5	5/26/2021	3:06pm	33.917867	-78.016140	Southport, NC	264-298 E. Bay Street
Bottle #6	5/26/2021	3:52pm	33.896296	-78.054943	Oak Island, NC	701 Caswell Beach Rd.



FluoroMatch + Manual Interrogation of Unknowns: Result Summary

- **Might be present**
 - Exact mass match but standard for retention time comparison and no fragmentation evidence
- **Probably present**
 - Retention time and exact mass match but no fragmentation evidence
- **Confidently present**
 - Retention time match, exact mass match, and fragmentation match
- *None of these compounds were observed in the control sample

Analyte*	Neutral Formula	Ionic Mass	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6
Perfluoropropanol/PMPA								
Decarb	C3HF7O	184.9837						
PFBA	C4HF7O2	212.9787						
PFPeA	C5HF9O2	262.9755						
GenX (decarb)	C5HF11O	284.9773						
PFBS	C4HF9O3S	298.9424						
PFHxA	C6HF11O2	312.9723						
PFPeS	C5HF11O3S	348.9392						
PFHpA	C7HF13O2	362.9691						
PFO4DA	C6HF11O6	376.9519						
FHxSA	C6H2F13NO2S	397.952						
PFHxS	C6HF13O3S	398.9361						
PFOA	C8HF15O2	412.9659						
Hydro-EVE	C8H2F14O4	426.9657						
6:2 FTS	C8H5F13O3S	426.9674						
PS Acid	C7HF13O5S	442.9259						
PFO5DoA	C7HF13O7	442.9436						
PFHpS	C7HF15O3S	448.9329						
NBP2	C7H2F14O5S	462.9321						
PFNA	C9HF17O2	462.9627						
FOSA	C8H2F17NO2S	497.9457						
PFOS	C8HF17O3S	498.9297						
PFDA	C10HF19O2	512.9595						
2,2,3,3,4,4,5,5,6,6,7,7-Dodecafluoro-7-[(1,1,1,2,3,3,3-heptafluoropropan-2-yl)oxy]heptanoic acid	C10HF19O3	528.955						
PFNS	C9HF19O3S	548.9265						
PFUdA	C11HF21O2	562.9563						
NETFOSAA	C12H8F17NO4S	583.9824						
PFDS	C10HF21O3S	598.9233						
PFDoA	C12HF23O2	612.9531						
PFTrDA	C13HF25O2	662.9499						

