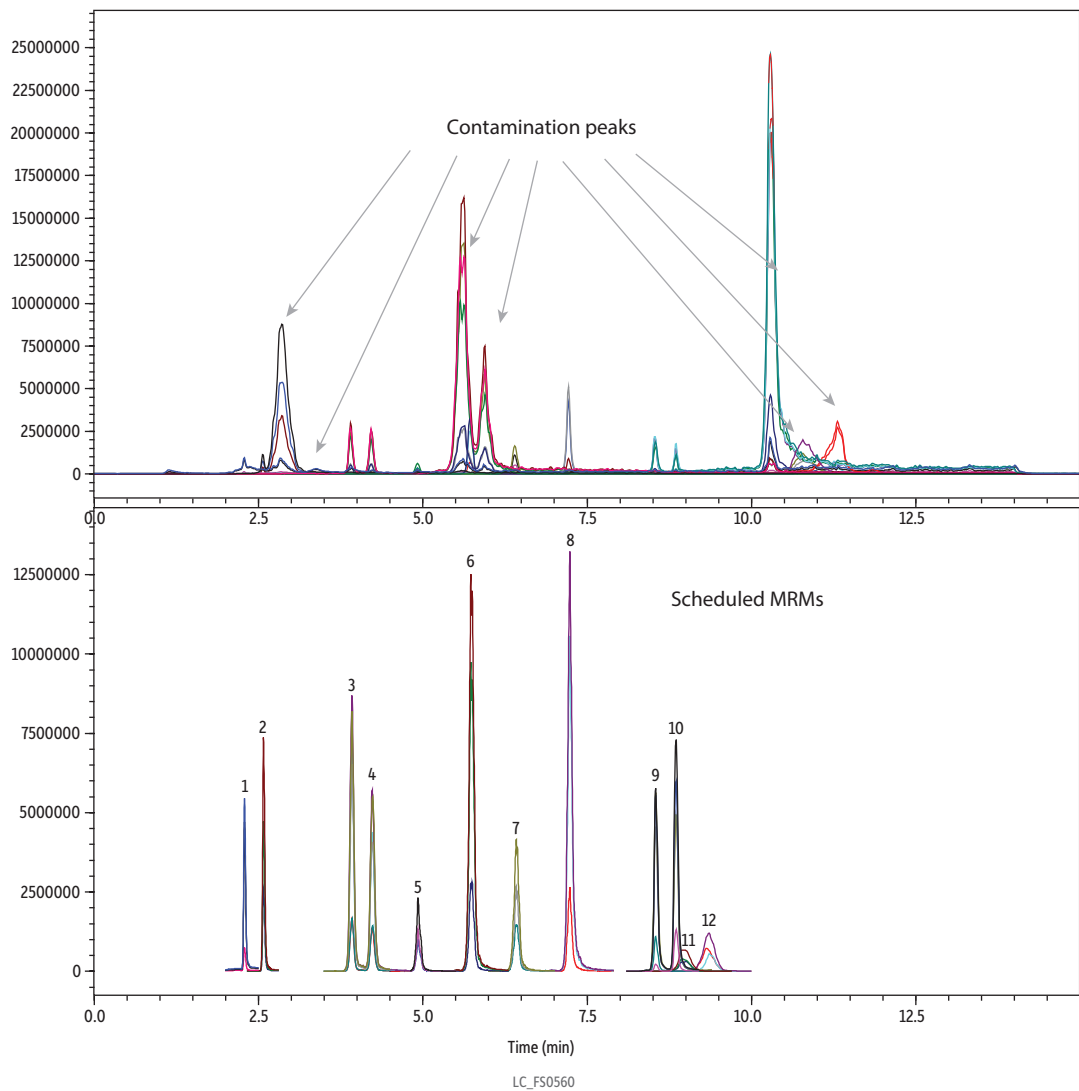


Comparison of Phthalates Before vs. After Scheduling



LC_FS0560

Peaks	tr (min)	Precursor Ion	Product Ion 1	Product Ion 2	Mobile Phase				
1. Dimethyl phthalate (DMP)	2.44	195.00	163.10	133.10	A: Water, 0.5% acetic acid	Time (min)	Flow (mL/min)	%A	%B
2. Diethyl phthalate (DEP)	2.55	223.00	149.10	177.10	B: Methanol				
3. Diisobutyl phthalate (DIBP)	3.95	279.00	149.15	205.10		0.00	0.5	70	30
4. Dibutyl phthalate (DBP)	4.39	279.00	149.05	205.00		1.00	0.5	70	30
5. Benzyl butyl phthalate (BBP)	4.99	313.00	149.25	205.10		1.01	0.5	30	70
6. Dipentyl phthalate (DPP)	5.78	307.00	149.15	219.00		4.00	0.5	25	75
7. Dicyclohexyl phthalate (DCHP)	6.45	331.00	167.10	249.05		6.00	0.5	20	80
8. Dihexyl phthalate (DHXP)	7.55	335.00	149.05	233.00		7.00	0.5	15	85
9. Bis(2-ethylhexyl) phthalate (DEHP)	8.57	391.00	149.05	167.10		10.00	0.5	10	90
10. Di-n-octyl phthalate (DNOP)	8.97	419.00	127.00	275.00		11.00	0.5	0	100
11. Diisononyl phthalate (DINP)	9.01	391.20	261.20	149.10		13.00	0.5	0	100
12. Diisodecyl phthalate (DIDP)	9.48	447.00	289.00	149.20		13.01	0.5	70	30
						15.00	0.5	70	30

Column Raptor Inert Biphenyl (cat.# 9309A52-T)
Dimensions: 50 mm x 2.1 mm ID
Particle Size: 2.7 µm
Pore Size: 90 Å
Guard Column: Raptor Inert Biphenyl EXP guard column cartridge 5 mm, 2.1 mm ID, 2.7 µm (cat.# 9309A0252-T)
Temp.: 30 °C
Standard/Sample
Diluent: 50:50 Water, 0.5% acetic acid:methanol
Conc.: 100 ng/mL
Inj. Vol.: 5 µL

Max Pressure: 579 bar
Detector Shimadzu 8060 LC-MS/MS
Ion Source: Electrospray
Ion Mode: ESI+
Mode: MRM
Instrument Shimadzu Nexera X2
Sample Preparation Standards were aliquoted into 2 mL, screw-thread vials (cat.# 21143) and capped with short-cap, screw-vial closures (cat.# 24498).
Notes A PFAS delay column (cat.# 27854) was installed before the injector.