

Table S2: Metabolites identified as differentially expressed between control and BPA-exposed offspring

RT (min)	Measured Mass, Da	Calculated Mass, Da	Elemental composition	Postulated identity	Fold change	VIP	Adj p-value
COLON							
1.25	155.066	155.069	C ₆ H ₉ N ₃ O ₂	Histidine	0.33	1.28	0.047
LIVER							
1.25	355.152	355.155	C ₁₄ H ₂₃ N ₆ O ₃ S	S-adenosyl-L-methioninamine	1.96	0.10	0.042
7.39	230.015	230.019	C ₅ H ₁₁ O ₈ P	Ribulose-5-phosphate	2.07	0.50	0.053
13.19	607.070	607.082	C ₁₇ H ₂₇ N ₃ O ₁ 7P ₂	UDP-N-acetyl-glucosamine	1.44	0.38	0.045
18.59	449.306	449.314	C ₂₆ H ₄₃ NO ₅	Glycodeoxycholic acid	1.63	3.62	0.042
1.22	146.066	146.069	C ₅ H ₁₀ N ₂ O ₃	Glutamine	1.04	0.95	0.053
1.24	89.046	89.048	C ₃ H ₇ NO ₂	Alanine	1.80	0.86	0.042
1.23	119.056	119.058	C ₄ H ₉ NO ₃	Threonine	1.61	1.19	0.042
1.23	119.056	119.058	C ₄ H ₉ NO ₃	Homoserine	1.61	1.19	0.042
1.29	158.041	158.044	C ₄ H ₆ N ₄ O ₃	Allantoin	1.62	0.45	0.01
15.36	154.024	154.027	C ₇ H ₆ O ₄	2,3-dihydroxybenzoic acid	1.57	0.58	0.042
1.25	175.092	175.096	C ₆ H ₁₃ N ₃ O ₃	Citrulline	1.48	0.17	0.053
7.16	172.010	172.014	C ₃ H ₉ O ₆ P	Sn-glycerol-3-phosphate	1.55	3.40	0.059
9.00	169.995	169.998	C ₃ H ₇ O ₆ P	Dihydroxy-acetone-phosphate	2.53	0.12	0.042
7.51	169.995	169.998	C ₃ H ₇ O ₆ P	D-glyceraldehyde-3-phosphate	2.19	0.10	0.053

Fold Change: Ratio of mean relative amount between the control and BPA groups; Adj P-value:

Wilcoxon rank sum test P-value was adjusted for multiple testing using FDR.