

## List of 110 targeted metabolites

+ Positive ion mode		- Negative ion mode				
<b>Amino Acids</b>		<b>Nucleosides</b>	<b>Organic Acids(Phosphorylated)</b>		<b>CoAs</b>	<b>Nucleotides</b>
Ala	Hydroxyproline	Adenosine	Dihydroxyacetonephosphate		Acetyl CoA	ADP
β-Ala	Ile	Cytidine	Erythrose 4-phosphate		CoA	AMP
Arg	Leu	Guanosine	Fructose 6-phosphate		Malonyl CoA	ATP
Asn	Lys	Inosine	Fructose 1,6-diphosphate			cAMP
Asp	Met	Thymidine	Glucose 1-phosphate		<b>Nicotine Amide</b>	cGMP
Citrulline	Ornithine	Uridine	Glucose 6-phosphate		<b>Coenzymes</b>	CDP
Cys	Phe		Glyceraldehyde 3-phosphate		NAD+	CMP
GABA	Pro	<b>Others</b>	Glycerol 3-phosphate		NADP+	CTP
Gln	Ser	Anthranilate	2-Phosphoglycerate			dATP
Glu	Thr	Betaine	3-Phosphoglycerate		<b>Others</b>	dCTP
Gly	Tyr	Betaine aldehyde	Phosphoenolpyruvate		2-Hydroxybutyrate	dTDP
His	Trp	Carnosine	6-Phosphogluconate		3-Hydroxybutyrate	dTMP
Homoserine	Val	Choline	PRPP			dTTP
		Creatine	Ribose 5-phosphate			IMP
<b>Amines</b>	<b>Nucleobases</b>	Creatinine	Ribulose 5-phosphate			GDP
Putrescine	Adenine	<i>N,N</i> -Dimethylglycine	Sedoheptulose 7-phosphate			GMP
Spermidine	Cytosine	Glutathione(ox)				GTP
Spermine	Guanine	Glutathione(red)	<b>Organic acids</b>			UMP
	Thymine	Hypoxanthine	<i>cis</i> -Aconitate	Glycolate	Malate	UDP
	Uracil	Tyramine	Citrate	Glyoxylate	Pyruvate	UTP
		<b>SAM</b>	Fumarate	Isocitrate	2-Oxoglutarate	
		Sarcosine	Gluconate	Lactate	2-Oxoisovalerate	
					Succinate	