Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017578.D
Acq On : 05 Oct 2023 22:13
Operator : MA/JU
Sample : 04588-20
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 06 02:03:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	87642	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	368001	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	245725	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.416	188	572185	20.000	ng/ul	-0.01
79) Chrysene-d12	21.551	240	562398	20.000	ng/ul	-0.01
88) Perylene-d12	24.127	264	609781	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	9078	4.141	ng/uL	0.00
4) Pyridine-d5	3.728	84	74639	13.008	ng/ul	0.00
7) Phenol-d5	7.093	99	51935	7.043	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	197906	43.983	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	178738	30.784	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	111568	18.900	ng/ul	-0.01
21) Nitrobenzene-d5	9.146	128	123597	43.656	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	130335	40.817	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.393	165	228808	38.651	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	228631	27.112	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	853922	44.551	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	931969	44.095	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	19687	5.865	ng/ul	0.01
60) Fluorene-d10	15.634	176	757000	46.562	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	126247	35.391	ng/ul	0.00
73) Anthracene-d10	17.522	188	1236496	46.685	ng/ul	0.00
81) Pyrene-d10	19.775	212	1496413	47.884	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1477119	48.000	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	3921	1.740	ng/uL#	83
6) Benzaldehyde	7.111	77	14906	4.010	ng/ul#	1
8) Phenol	7.128	94	20345	2.755	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.758	70	5738	1.201	ng/ul#	74
30) Naphthalene	10.822	128	155254	7.907	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	121251	9.037	ng/ul	98
37) 1-Methylnaphthalene	12.657	142	123163	8.947	ng/ul#	100
67) N-Nitrosodiphenylamine	15.875	169	18490	1.154	ng/ul#	38

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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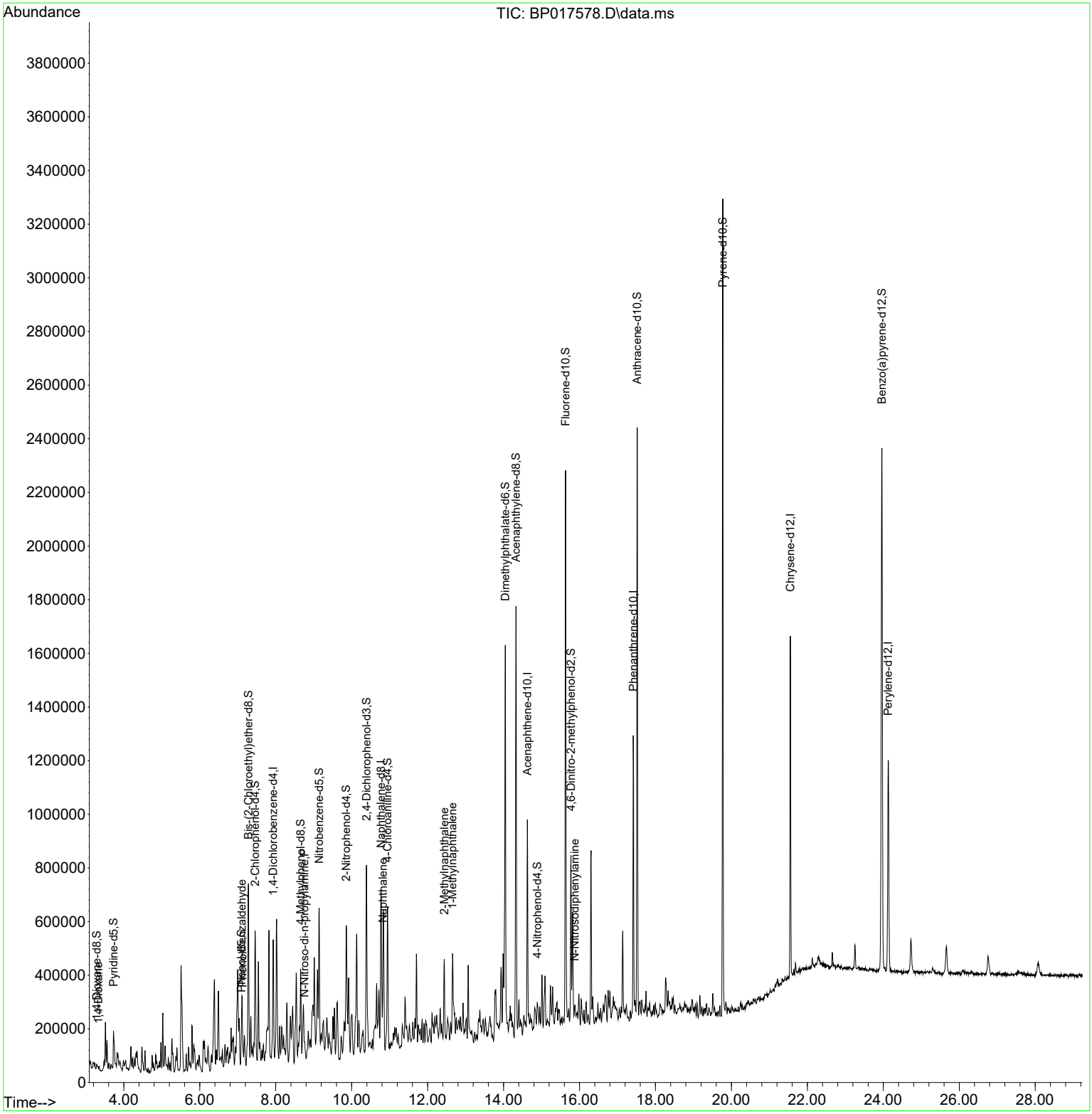
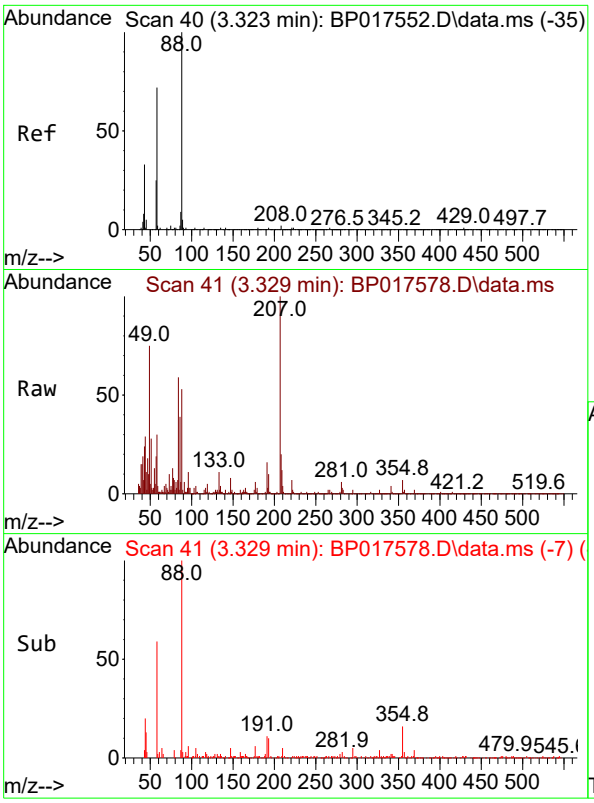


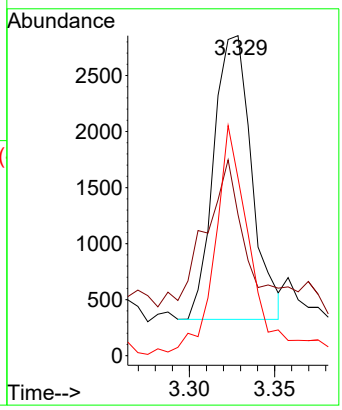


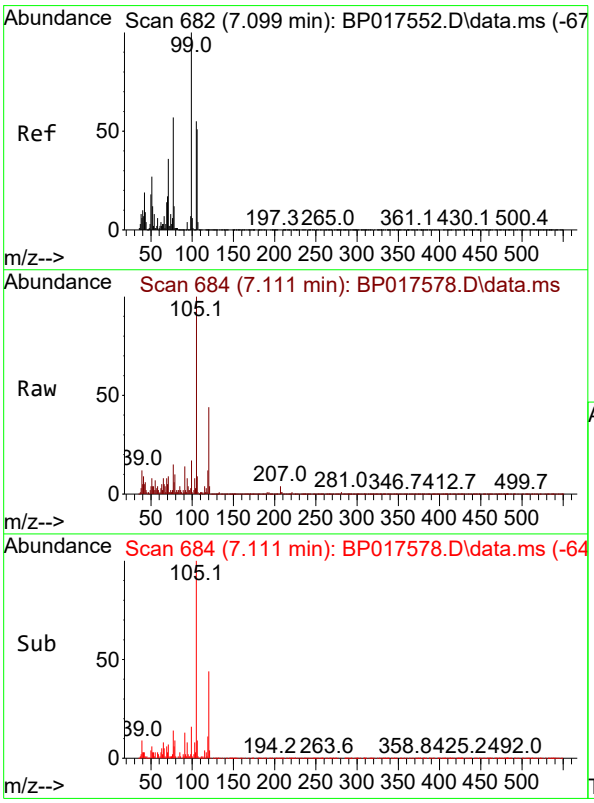
#2
1,4-Dioxane
Concen: 1.740 ng/uL
RT: 3.329 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP017578.D
Acq: 05 Oct 2023 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 88 Resp: 3921

Ion	Ratio	Lower	Upper
88	100		
43	44.0	22.6	34.0#
58	55.5	51.4	77.2

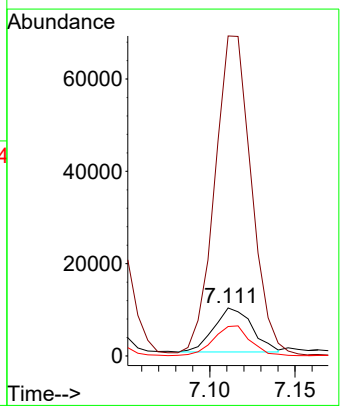


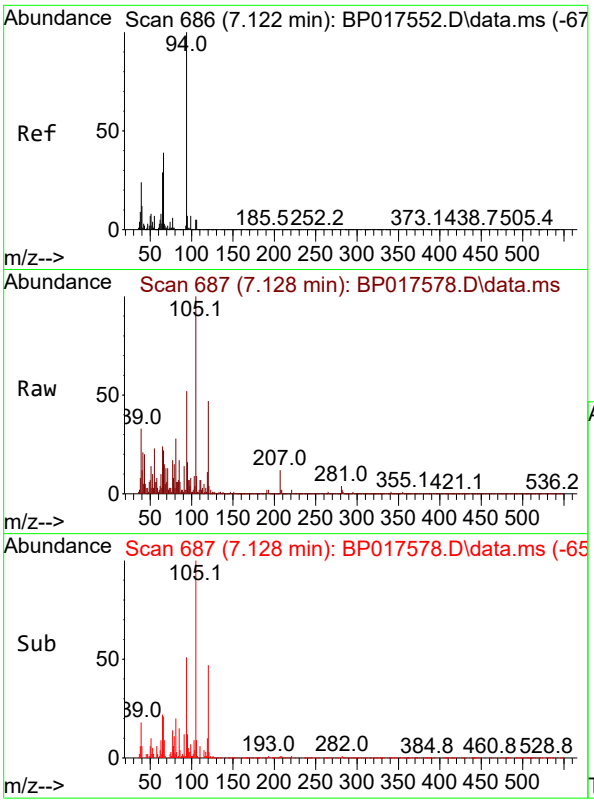


#6
Benzaldehyde
Concen: 4.010 ng/ul
RT: 7.111 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP017578.D
Acq: 05 Oct 2023 22:13

Tgt Ion: 77 Resp: 14906

Ion	Ratio	Lower	Upper
77	100		
105	667.1	74.6	112.0#
106	61.3	72.8	109.2#



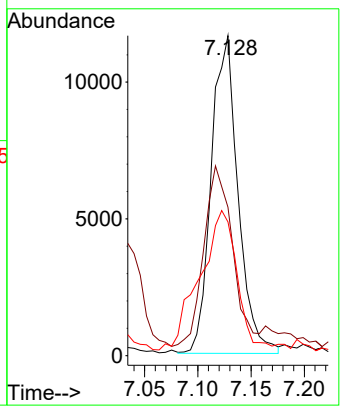


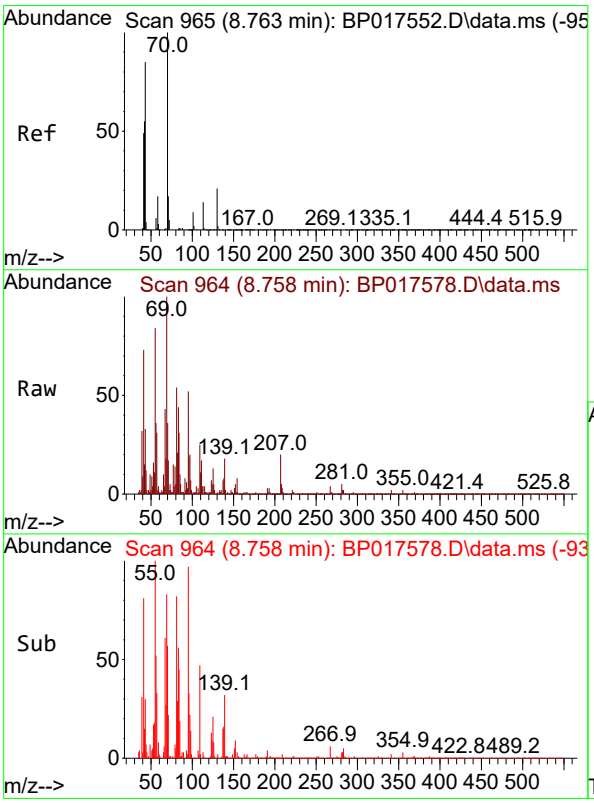
#8
Phenol
Concen: 2.755 ng/ul
RT: 7.128 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP017578.D
Acq: 05 Oct 2023 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 20345

Ion	Ratio	Lower	Upper
94	100		
65	46.4	23.5	35.3#
66	41.8	32.3	48.5

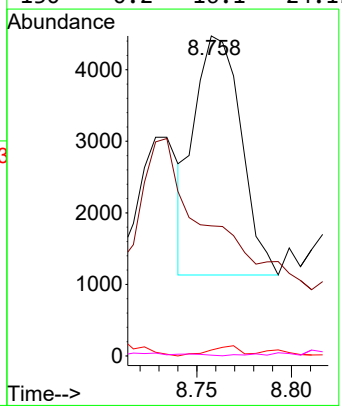


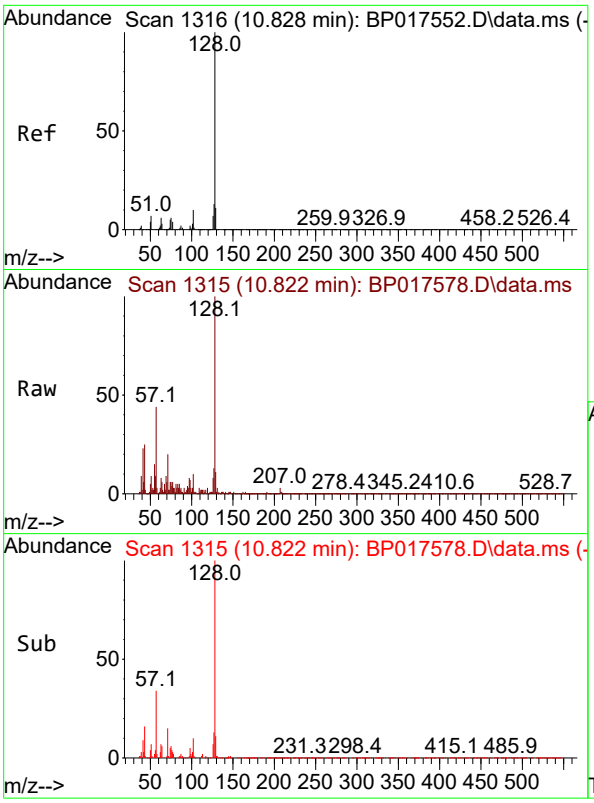


#17
N-Nitroso-di-n-propylamine
Concen: 1.201 ng/ul
RT: 8.758 min Scan# 964
Delta R.T. -0.012 min
Lab File: BP017578.D
Acq: 05 Oct 2023 22:13

Tgt Ion: 70 Resp: 5738

Ion	Ratio	Lower	Upper
70	100		
42	40.7	44.9	67.3#
101	2.5	7.7	11.5#
130	0.2	16.1	24.1#



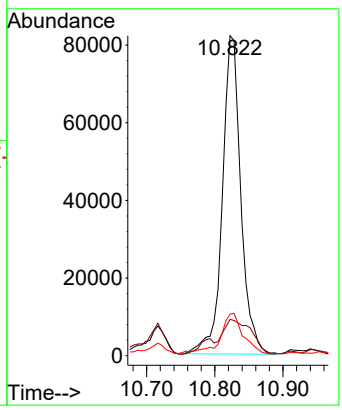


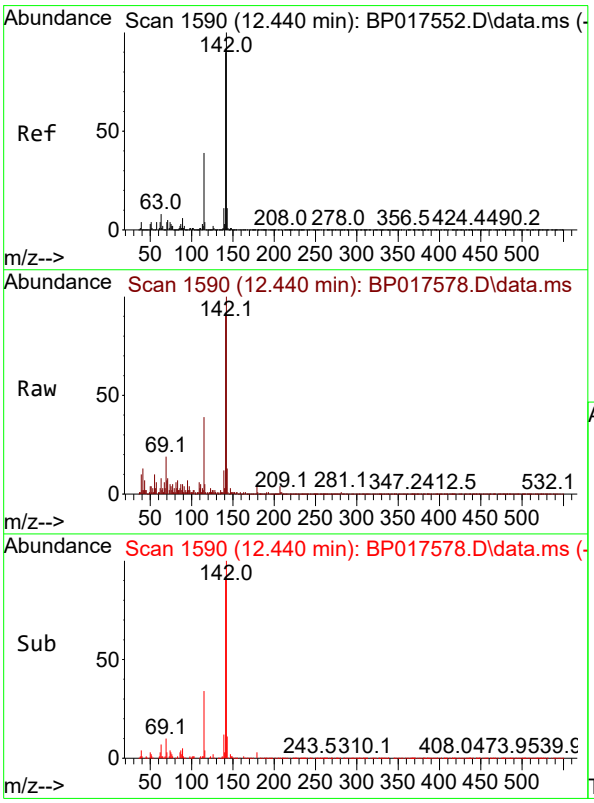
#30
Naphthalene
Concen: 7.907 ng/ul
RT: 10.822 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP017578.D
Acq: 05 Oct 2023 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 155254

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.0	10.2	15.4

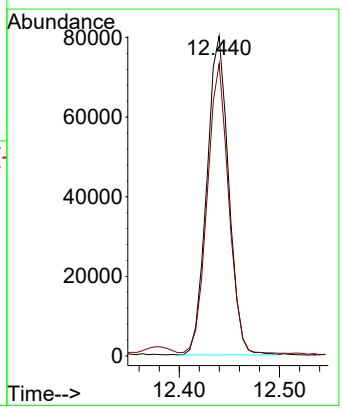


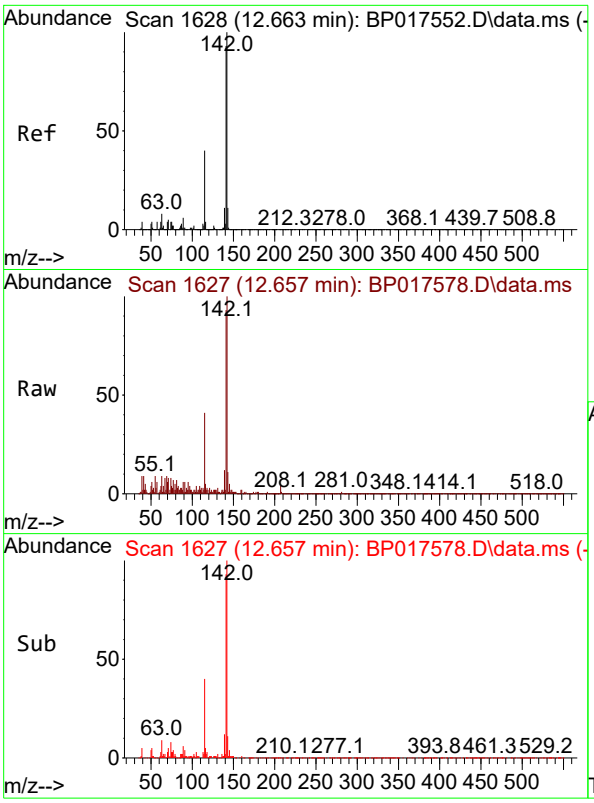


#36
2-Methylnaphthalene
Concen: 9.037 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP017578.D
Acq: 05 Oct 2023 22:13

Tgt Ion:142 Resp: 121251

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.4	107.2



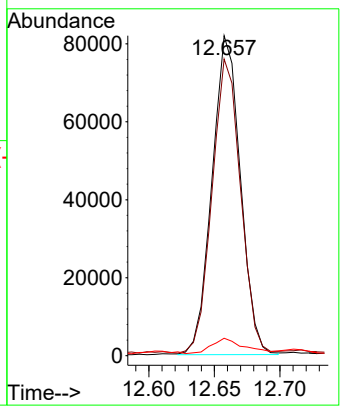


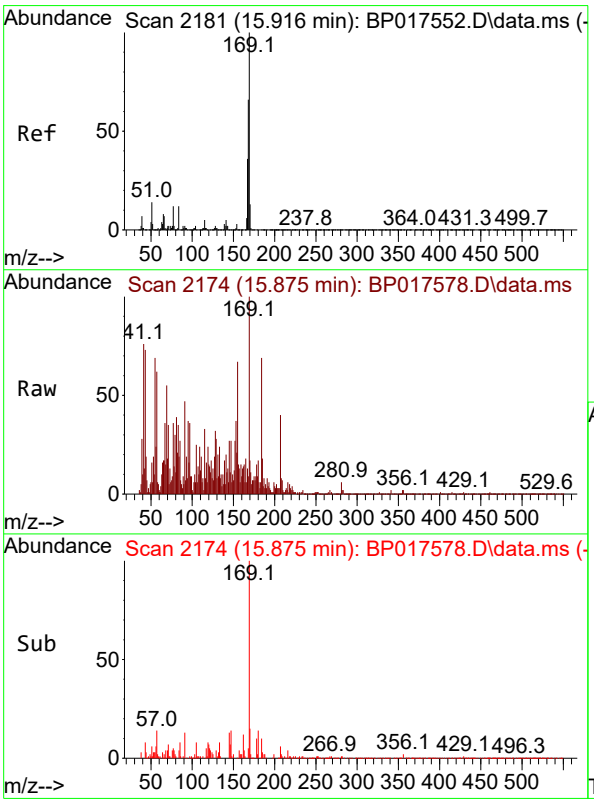
#37
1-Methylnaphthalene
Concen: 8.947 ng/ul
RT: 12.657 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP017578.D
Acq: 05 Oct 2023 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 123163

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1
116	5.5	3.4	5.0#





#67
N-Nitrosodiphenylamine
Concen: 1.154 ng/ul
RT: 15.875 min Scan# 2174
Delta R.T. -0.041 min
Lab File: BP017578.D
Acq: 05 Oct 2023 22:13

Tgt Ion:169 Resp: 18490

Ion	Ratio	Lower	Upper
169	100		
168	9.2	54.3	81.5#
167	12.5	29.7	44.5#