Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042102.D
Acq On : 9 Aug 2019 14:39
Operator : HP/JU
Sample : PB121993BL
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 10 02:29:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	75122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	308865	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	215898	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	718547	20.00	ng/ul	0.10
77) Chrysene-d12	21.73	240	457457	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	522599	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	8493	4.95	ng/uL	0.00
5) Phenol-d5	7.18	99	169967	28.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	86608	26.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	154780	30.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	143555	29.00	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	77213	33.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	95949	35.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	176337	32.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	215712	35.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	534150	31.90	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	616222	32.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	79733	28.36	ng/ul	0.00
57) Fluorene-d10	15.68	176	469398	31.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	560	0.12	ng/ul	0.07
70) Anthracene-d10	17.54	188	718547	20.84	ng/ul	0.00
78) Pyrene-d10	19.83	212	804649	31.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	905780	33.18	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.55	77	3356	1.205	ng/ul#	72
45) 2,6-Dinitrotoluene	14.69	165	28888	7.988	ng/ul#	40
54) 2,4-Dinitrotoluene	14.69	165	28888	5.494	ng/ul#	42

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

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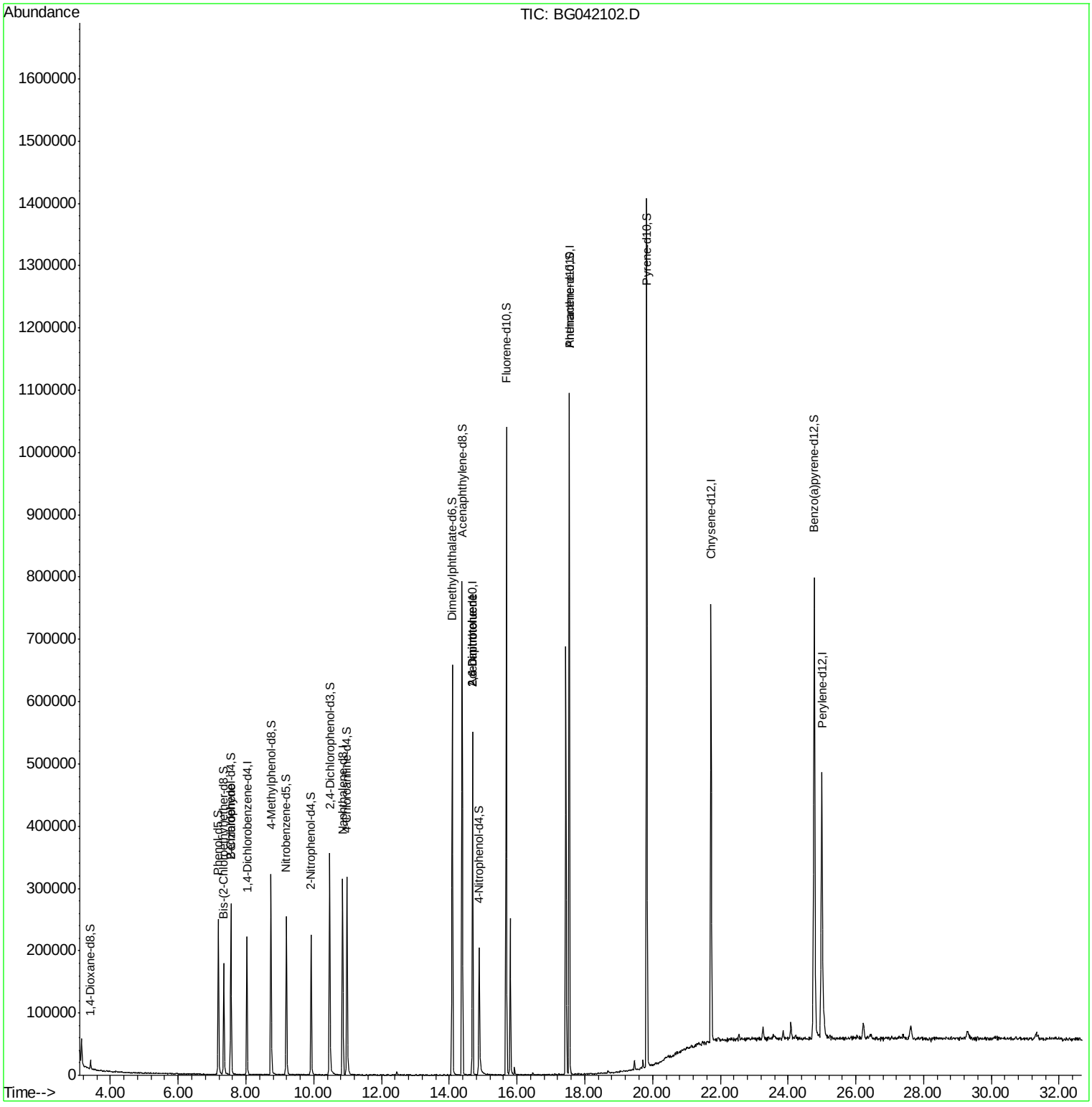
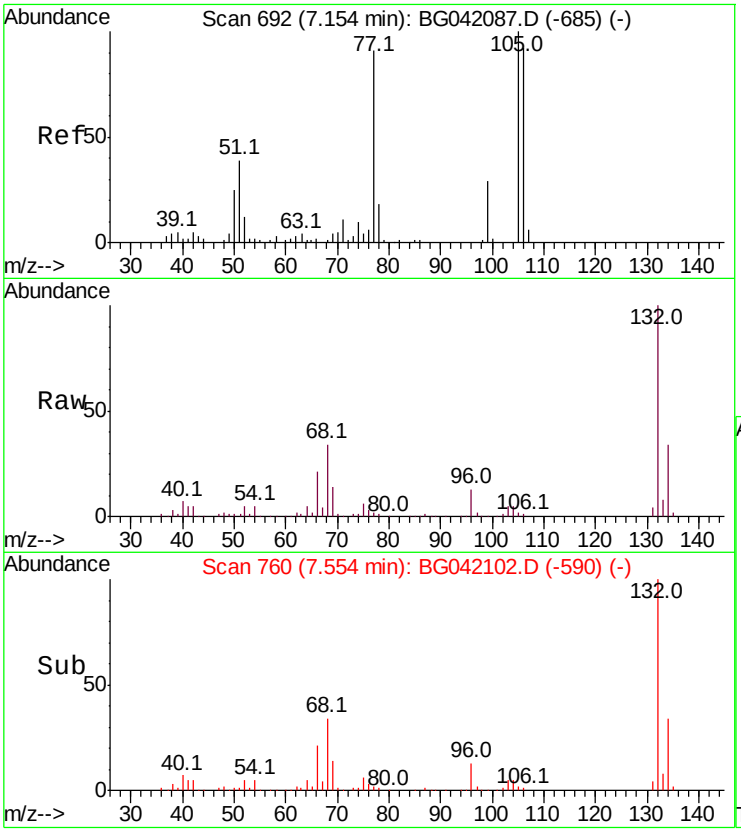


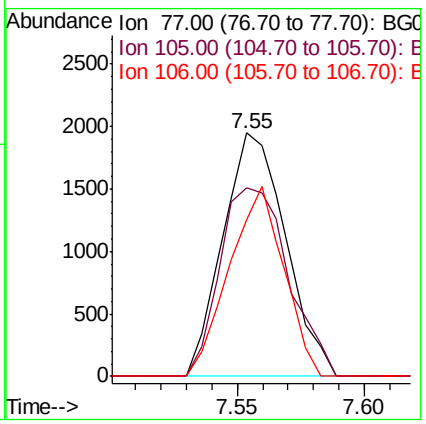


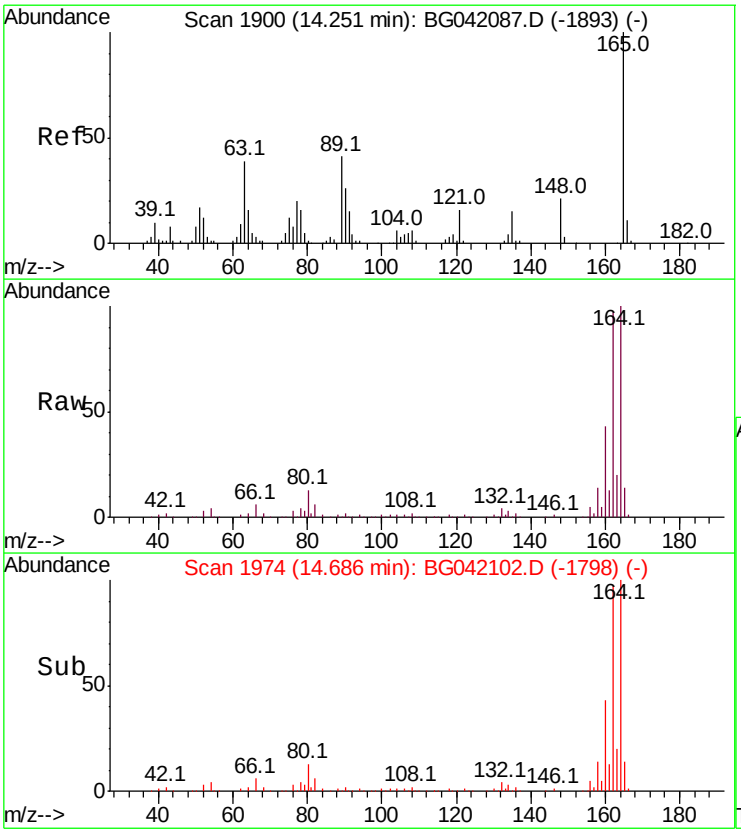
#4
Benzaldehyde
Concen: 1.205 ng/ul
RT: 7.55 min Scan# 760
Delta R.T. 0.40 min
Lab File: BG042102.D
Acq: 9 Aug 2019 14:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 3356

Ion	Ratio	Lower	Upper
77	100		
105	77.2	80.7	121.1#
106	64.1	76.3	114.5#

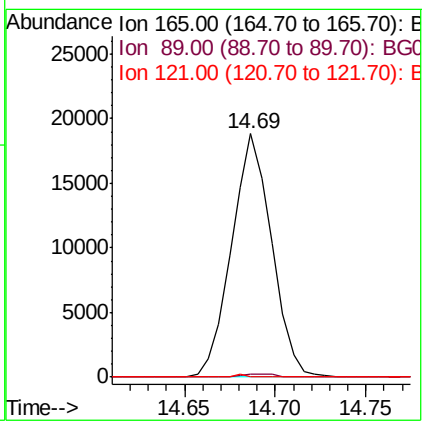


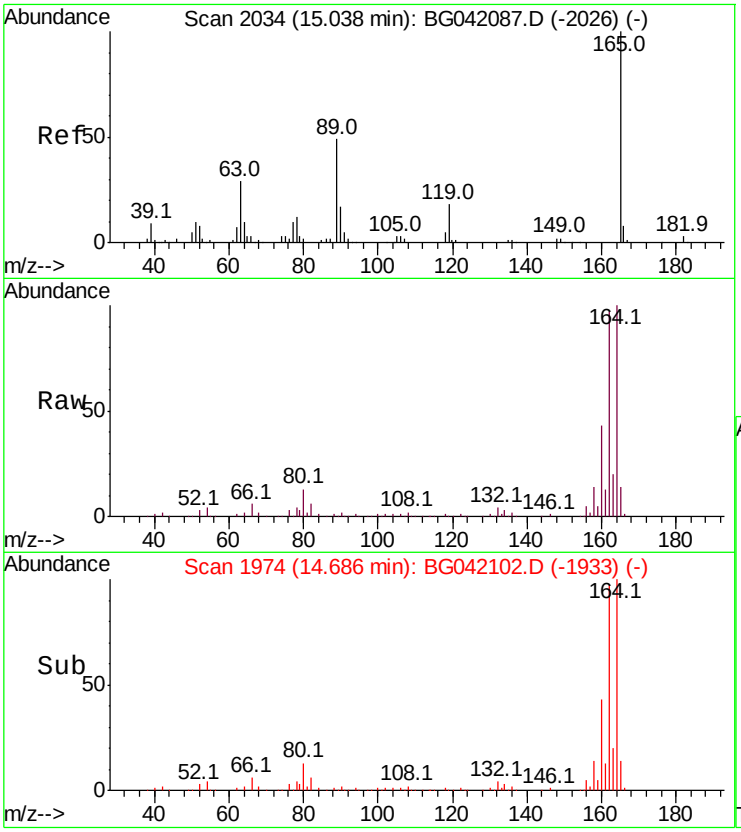


#45
2,6-Dinitrotoluene
Concen: 7.988 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. 0.43 min
Lab File: BG042102.D
Acq: 9 Aug 2019 14:39

Tgt Ion:165 Resp: 28888

Ion	Ratio	Lower	Upper
165	100		
89	1.4	36.8	55.2#
121	0.0	15.6	23.4#





#54
2,4-Dinitrotoluene
Concen: 5.494 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. -0.36 min
Lab File: BG042102.D
Acq: 9 Aug 2019 14:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 28888

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.4	44.2#
182	0.0	2.6	4.0#