

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042100.D
 Acq On : 9 Aug 2019 13:22
 Operator : HP/JU
 Sample : K4041-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 02:29:28 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	75544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	306579	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	212651	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	443050	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	438447	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	507902	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3577	2.07	ng/uL	0.00
5) Phenol-d5	7.18	99	87632	14.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	47481	14.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	86879	17.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	74264	14.92	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	42305	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	53975	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	97349	18.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	108497	18.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	311710	18.90	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	347502	18.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	29716	10.73	ng/ul	0.01
57) Fluorene-d10	15.68	176	266994	18.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	40575	14.27	ng/ul	0.00
70) Anthracene-d10	17.54	188	421470	19.83	ng/ul	0.00
78) Pyrene-d10	19.83	212	482157	19.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	548337	20.67	ng/ul	0.00

Target Compounds

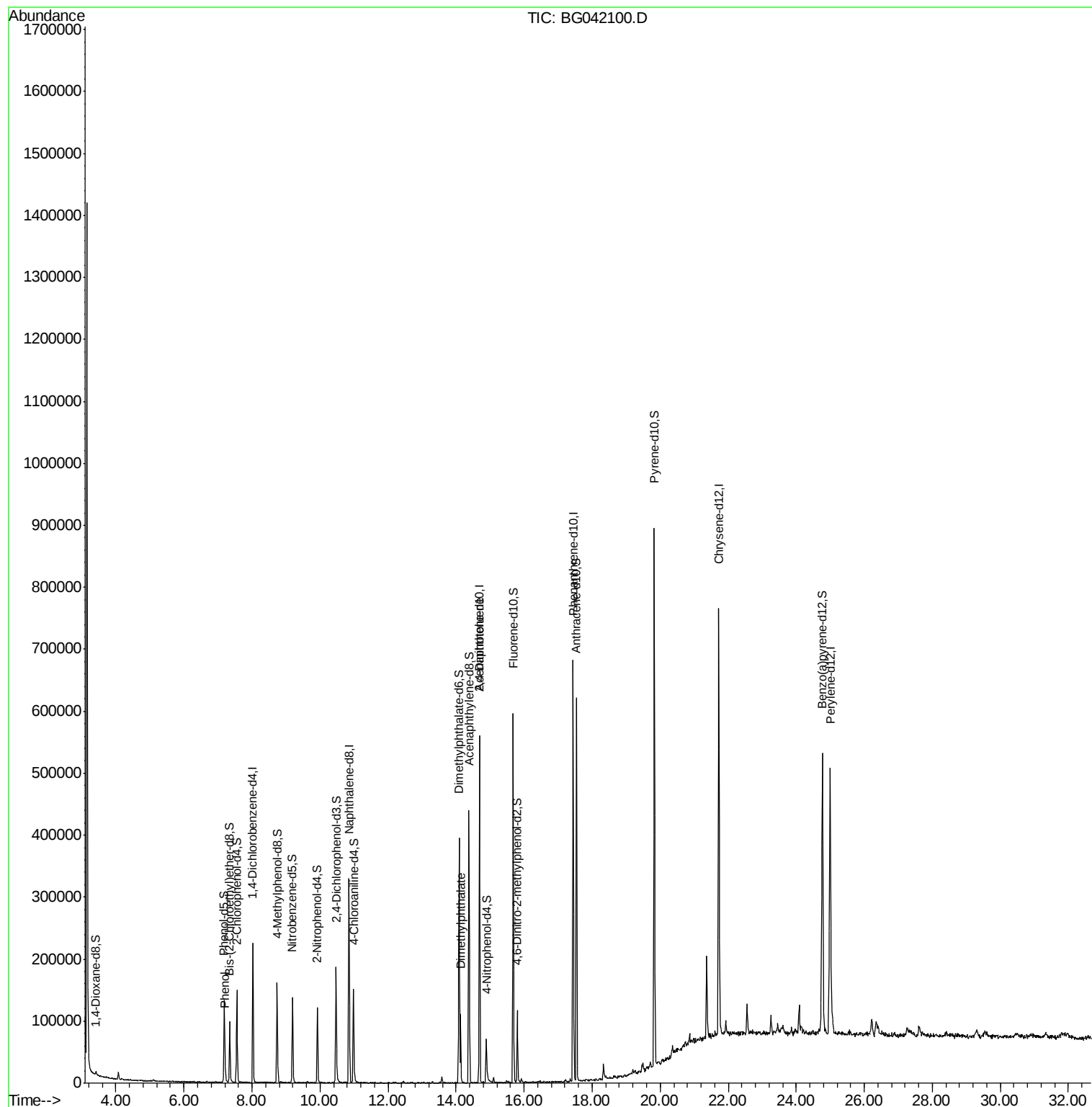
				Ovalue	
6) Phenol	7.21	94	14887	2.433	ng/ul 96
44) Dimethylphthalate	14.13	163	83792	5.117	ng/ul 99
54) 2,4-Dinitrotoluene	14.69	165	28046	5.415	ng/ul# 42

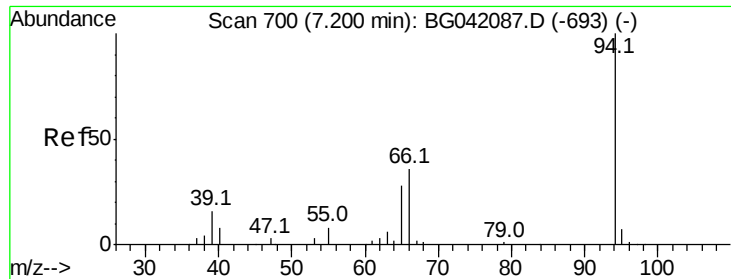
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.433 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG042100.D

Acq: 9 Aug 2019 13:22

Instrument :

BNA_G

ClientSampleId :

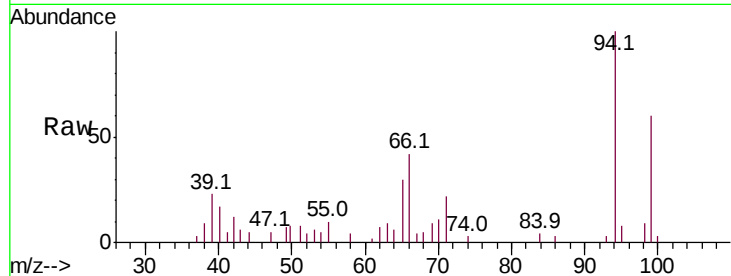
Tot Ion: 94 Resp: 14887

Ion Ratio Lower Upper

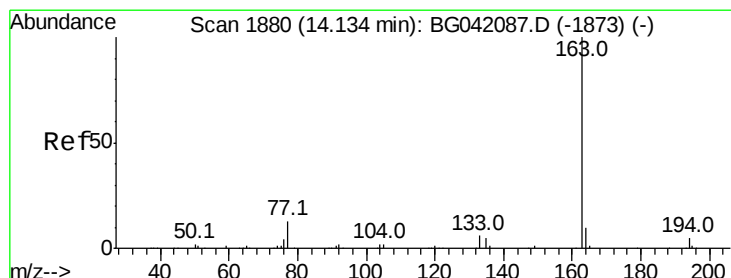
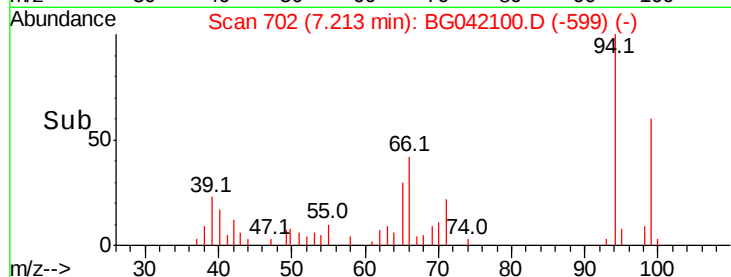
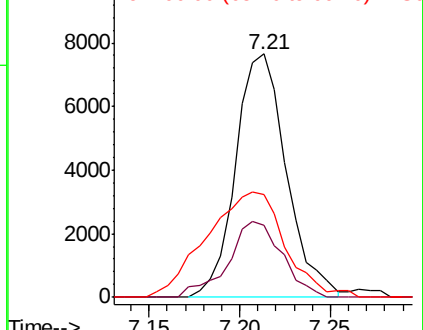
94 100

65 29.7 25.8 38.6

66 42.2 31.8 47.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 5.117 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042100.D

Acq: 9 Aug 2019 13:22

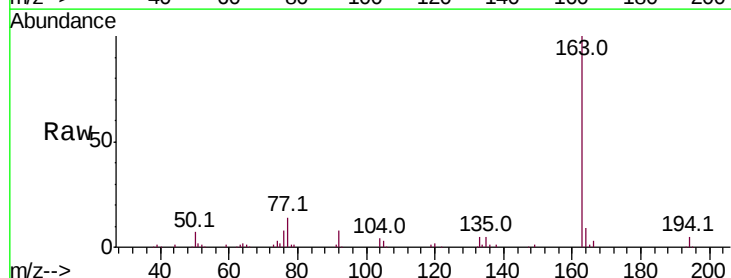
Tgt Ion:163 Resp: 83792

Ion Ratio Lower Upper

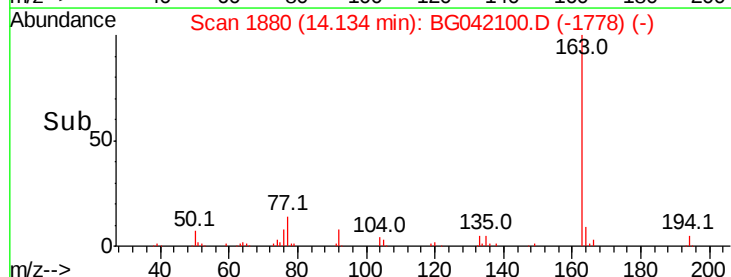
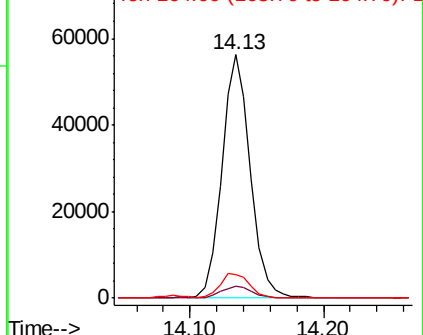
163 100

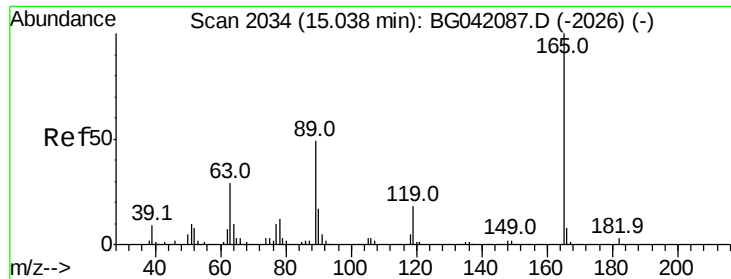
194 4.6 4.2 6.2

164 9.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

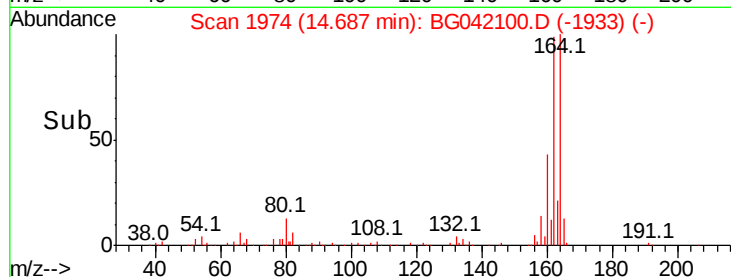
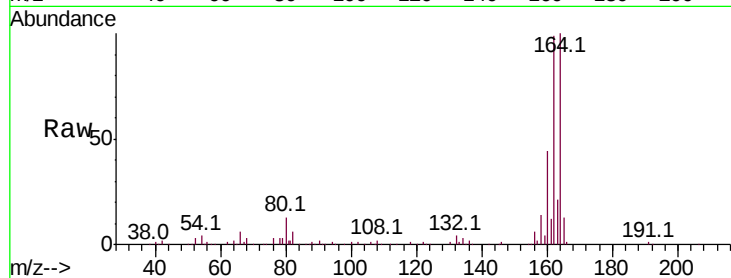




#54
 2,4-Dinitrotoluene
 Concen: 5.415 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.36 min
 Lab File: BG042100.D
 Acq: 9 Aug 2019 13:22

Instrument :
 BNA_G
 ClientSampleId :

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



Abundance Ion 165.00 (164.70 to 165.70): E
 25000
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 182.00 (181.70 to 182.70): E

