

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
 Data File : BG042085.D
 Acq On : 9 Aug 2019 2:29
 Operator : HP/JU
 Sample : K4041-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENS9

Quant Time: Aug 09 08:28:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 15:44:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	74374	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	309223	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	221997	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	469904	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	466446	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	533396	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3511	2.07	ng/uL	0.00
5) Phenol-d5	7.17	99	77825	13.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	45294	13.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	77608	15.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	67716	13.82	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	37563	16.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	45960	17.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	84518	15.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	98364	16.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	286797	16.66	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	324579	16.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	19587	6.78	ng/ul	0.00
57) Fluorene-d10	15.68	176	251150	16.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	25647	8.51	ng/ul	0.00
70) Anthracene-d10	17.54	188	401364	17.80	ng/ul	0.00
78) Pyrene-d10	19.82	212	473780	18.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	522970	18.77	ng/ul	0.00

Target Compounds

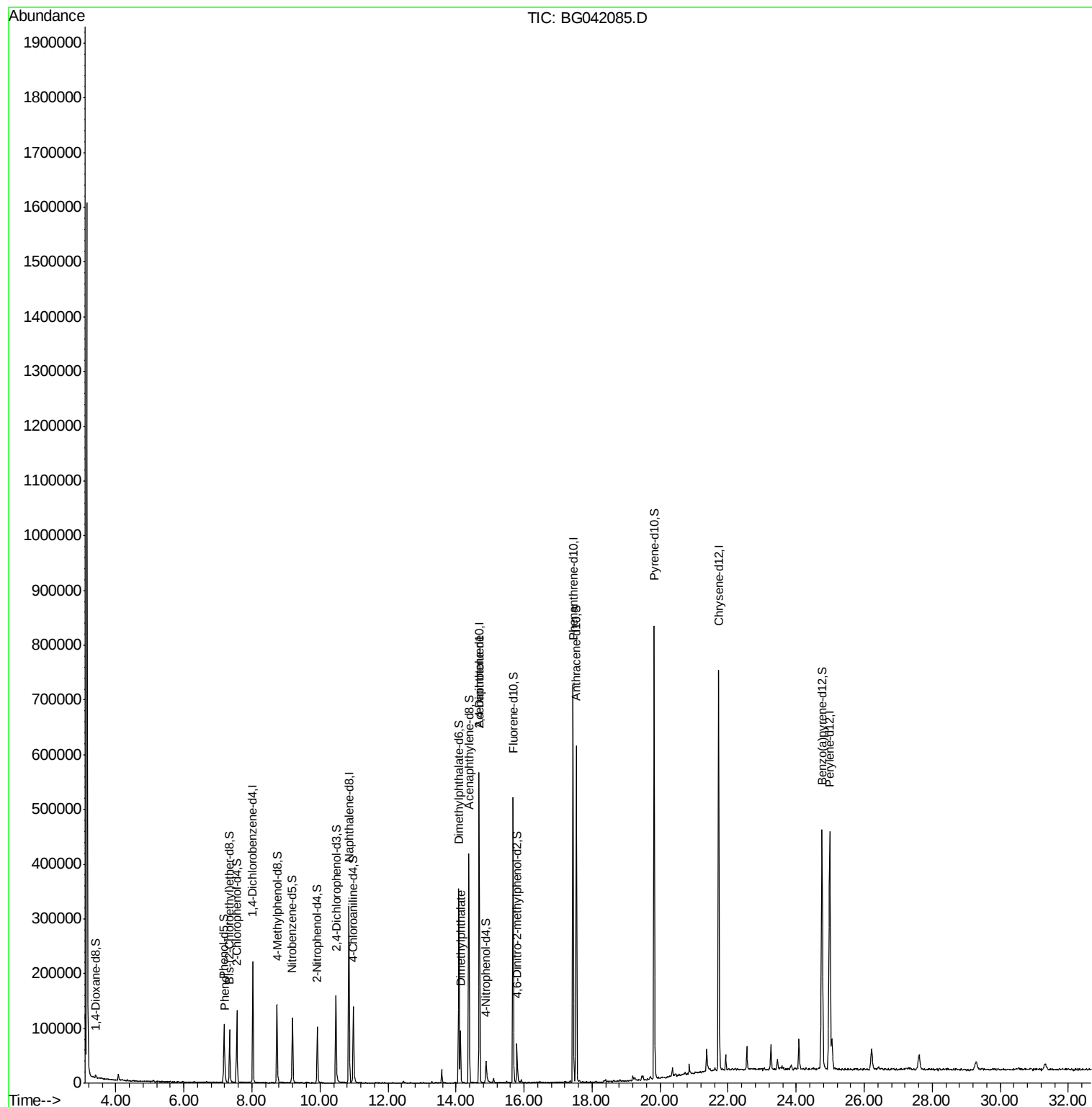
					Qvalue
6) Phenol	7.20	94	14780	2.453 ng/ul	97
44) Dimethylphthalate	14.13	163	72989	4.270 ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	28633	5.296 ng/ul#	45

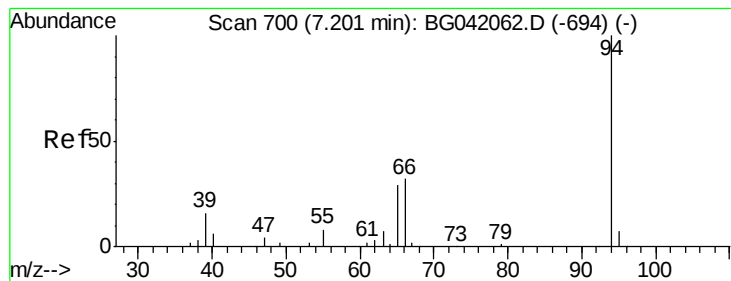
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.453 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG042085.D

Acq: 9 Aug 2019 2:29

Instrument :

BNA_G

ClientSampleId :

BENS9

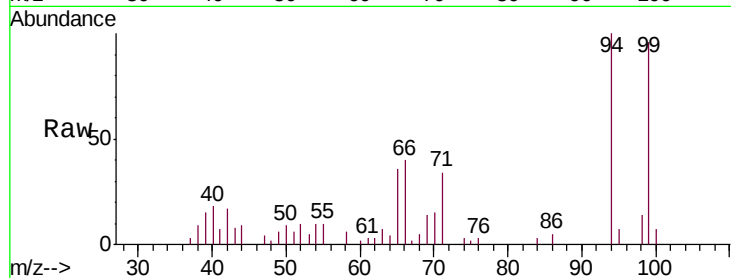
Tgt Ion: 94 Resp: 14780

Ion Ratio Lower Upper

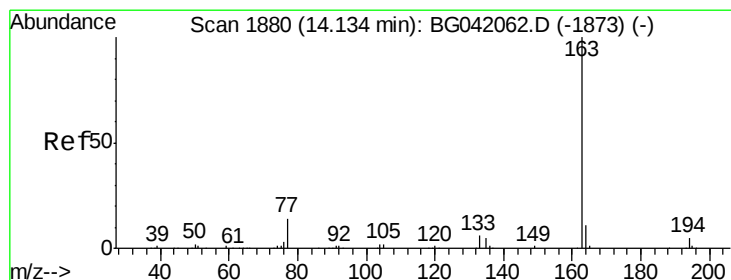
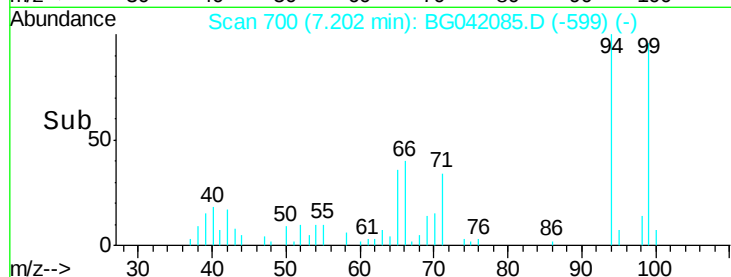
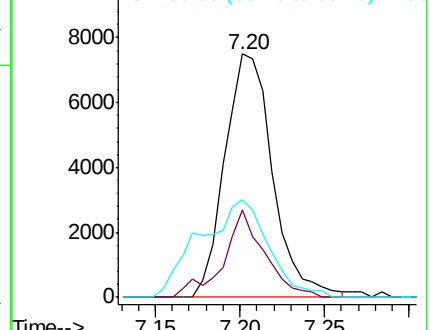
94 100

65 35.7 25.8 38.6

66 40.2 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: 4.270 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG042085.D

Acq: 9 Aug 2019 2:29

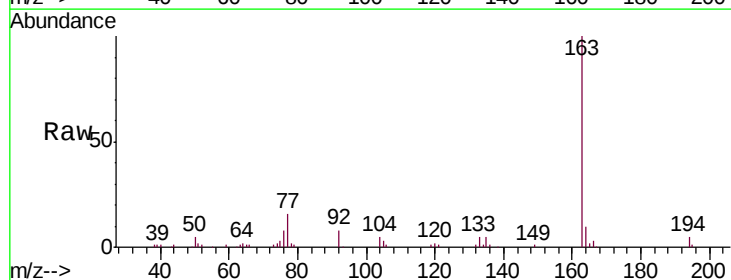
Tgt Ion: 163 Resp: 72989

Ion Ratio Lower Upper

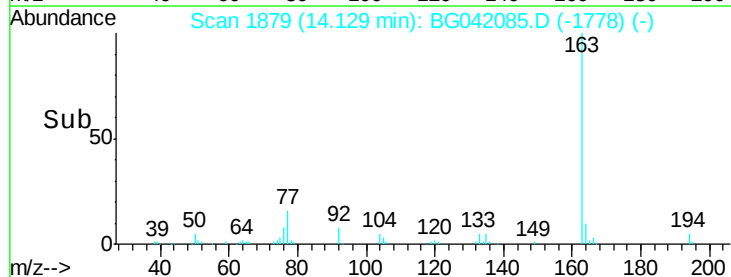
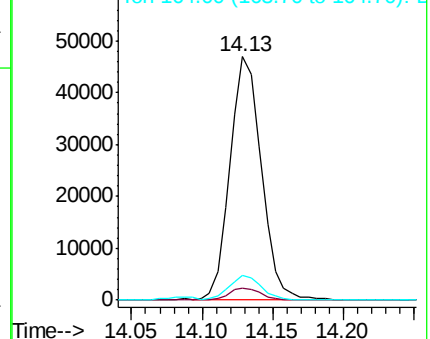
163 100

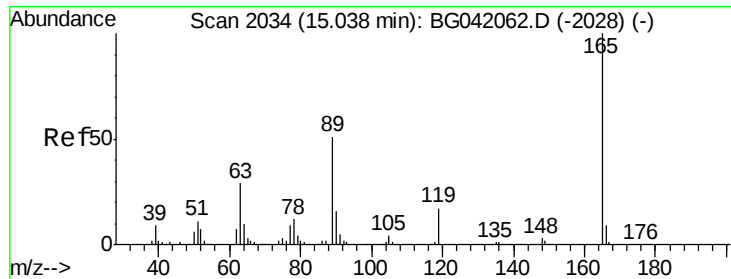
194 4.7 4.2 6.2

164 10.1 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: 5.296 ng/ul
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.36 min
 Lab File: BG042085.D
 Acq: 9 Aug 2019 2:29

Instrument :
 BNA_G
 ClientSampleId :
 BENS9

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.4	44.2#
182	0.0	2.6	4.0#

