

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021867.D
 Acq On : 12 May 2016 13:54
 Operator : UM/SJ
 Sample : PB90394BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK94

Quant Time: May 13 04:59:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	41341	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	217757	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	146035	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	344743	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	337124	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	309576	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5498	6.42	ng/uL	0.00
5) Phenol-d5	7.32	99	91496	29.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	47921	31.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	89915	37.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	80096	31.09	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	48571	33.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	66353	73.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	98185	38.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.50	131	427	0.16	ng/ul	0.37
44) Dimethylphthalate-d6	14.19	166	385007	37.53	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	455522	31.28	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	31991	18.20	ng/ul	0.00
58) Fluorene-d10	15.78	176	323207	29.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	326	0.34	ng/ul	0.00
71) Anthracene-d10	17.64	188	500087	29.80	ng/ul	0.00
77) Pyrene-d10	19.91	212	520776	33.00	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	463935	31.54	ng/ul	0.00

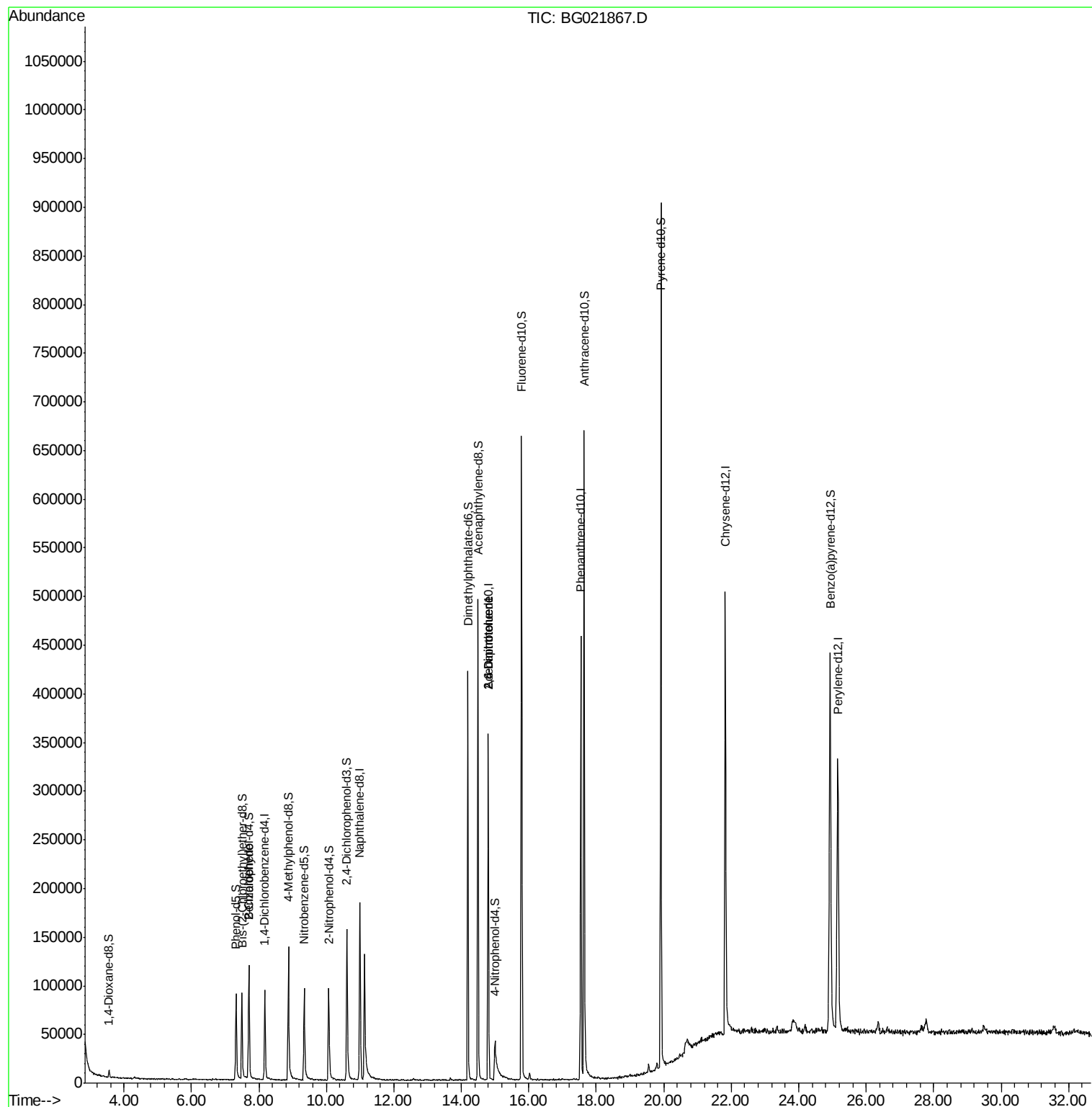
Target Compounds						Qvalue
4) Benzaldehyde	7.71	77	1375	4.12	ng/ul	91
46) 2,6-Dinitrotoluene	14.79	165	19474	9.44	ng/ul#	19
55) 2,4-Dinitrotoluene	14.79	165	19474	6.82	ng/ul#	26

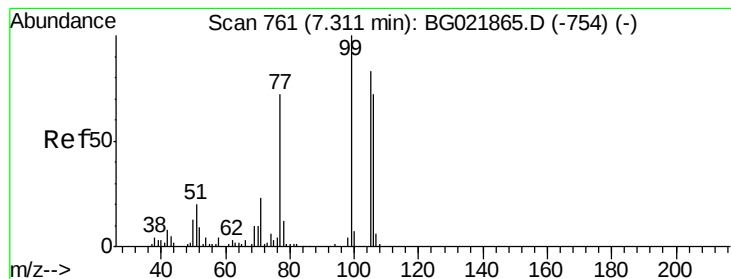
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 4.12 ng/ul

RT: 7.71 min Scan# 828

Delta R.T. 0.39 min

Lab File: BG021867.D

Acq: 12 May 2016 13:54

Instrument :

BNA_G

ClientSampleId :

SBLK94

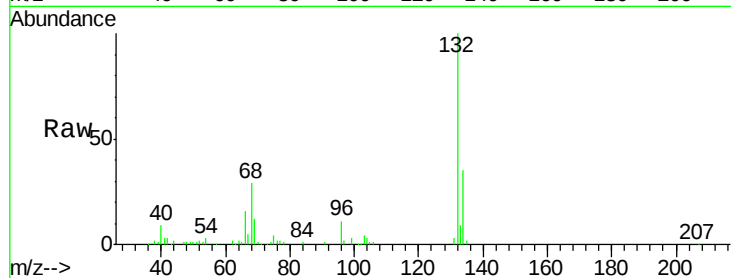
Tgt Ion: 77 Resp: 1375

Ion Ratio Lower Upper

77 100

105 79.8 68.5 102.7

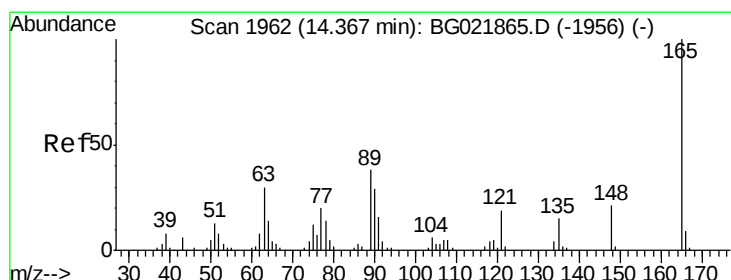
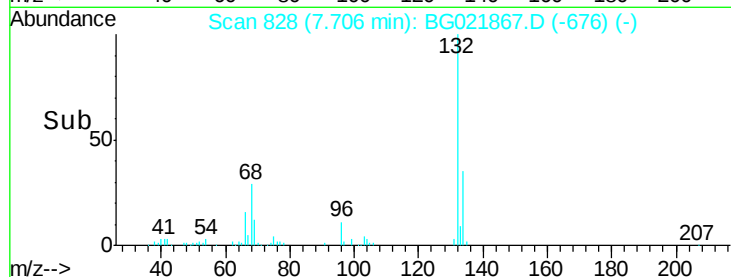
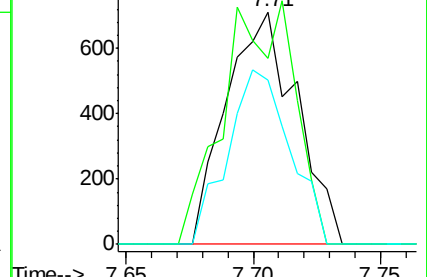
106 70.4 65.0 97.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#46

2,6-Dinitrotoluene

Concen: 9.44 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.42 min

Lab File: BG021867.D

Acq: 12 May 2016 13:54

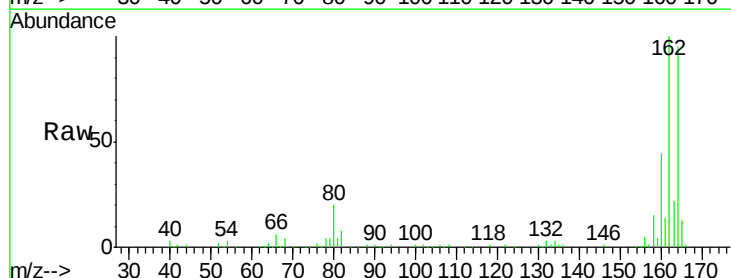
Tgt Ion: 165 Resp: 19474

Ion Ratio Lower Upper

165 100

89 0.0 64.6 96.8#

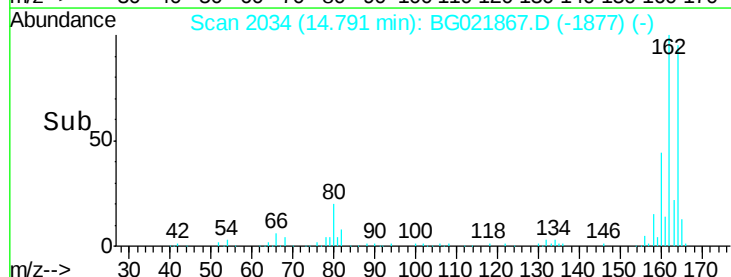
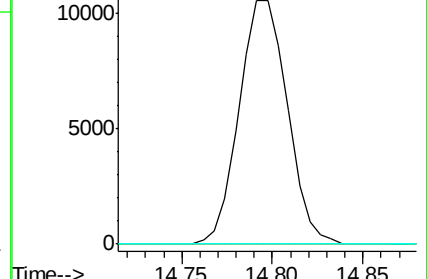
121 0.0 20.4 30.6#

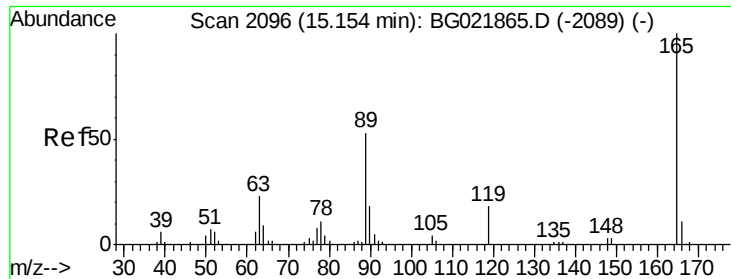


Abundance Ion 165.00 (164.70 to 165.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): BGC





#55
 2,4-Dinitrotoluene
 Concen: 6.82 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.36 min
 Lab File: BG021867.D
 Acq: 12 May 2016 13:54

Instrument :
 BNA_G
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 SBLK94

Tgt Ion:165 Resp: 19474
 Ion Ratio Lower Upper
 165 100
 63 1.7 48.1 72.1#
 182 0.0 2.2 3.2#

