

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
 Data File : BG021810.D
 Acq On : 10 May 2016 10:46
 Operator : UM/SJ
 Sample : H2938-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA4

Quant Time: May 11 03:30:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	78458	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	415750	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	260674	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	564248	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	588738	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	576610	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.57	96	7999	4.92	ng/uL	0.00
5) Phenol-d5	7.33	99	142154	24.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	76267	26.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	128845	28.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	122998	25.15	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	74599	27.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	53183	30.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	129715	26.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.53	131	210	0.04	ng/ul	0.39
44) Dimethylphthalate-d6	14.20	166	485388	26.51	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	664517	25.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	56380	17.96	ng/ul	0.00
58) Fluorene-d10	15.79	176	462489	23.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	38431	24.59	ng/ul	0.00
71) Anthracene-d10	17.64	188	649106	23.63	ng/ul	0.00
77) Pyrene-d10	19.91	212	709150	25.73	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	687858	25.11	ng/ul	0.00

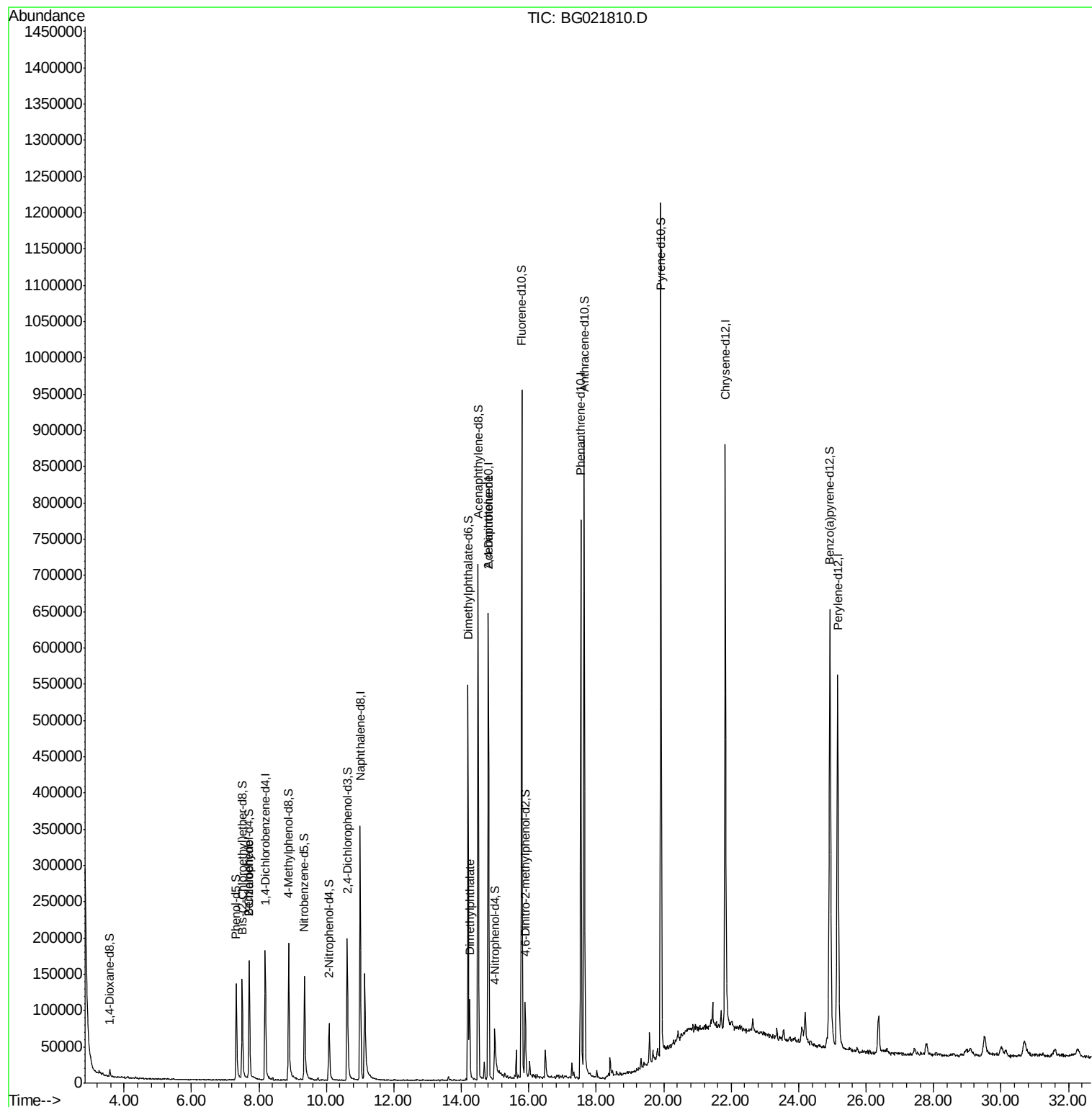
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Benzaldehyde	7.71	77	1750	2.77	ng/ul#	71
45) Dimethylphthalate	14.25	163	93998	5.04	ng/ul	98
55) 2,4-Dinitrotoluene	14.80	165	34537	6.78	ng/ul#	24

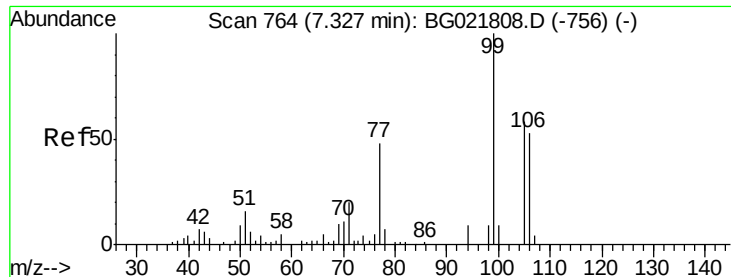
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.77 ng/ul

RT: 7.71 min Scan# 830

Delta R.T. 0.39 min

Lab File: BG021810.D

Acq: 10 May 2016 10:46

Instrument :

BNA_G

ClientSampled :

D9XA4

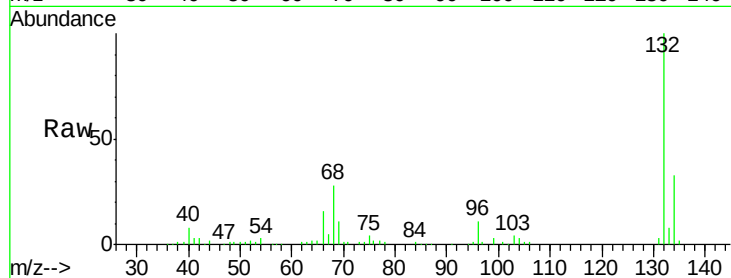
Tgt Ion: 77 Resp: 1750

Ion Ratio Lower Upper

77 100

105 72.0 68.5 102.7

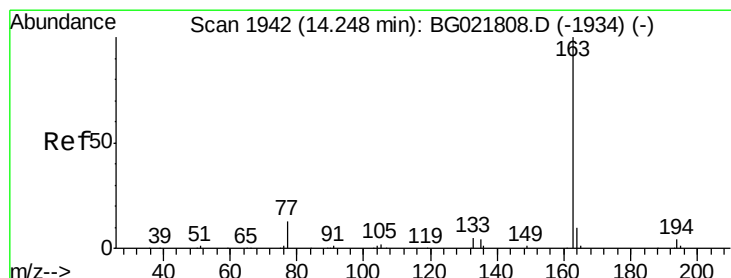
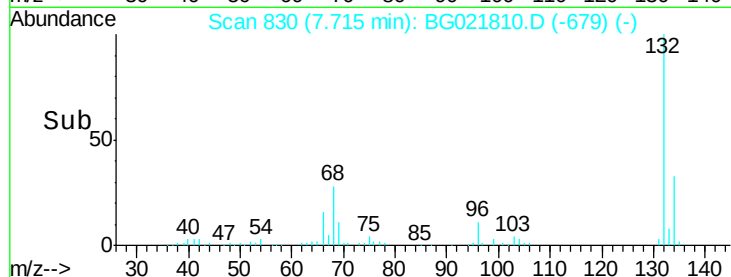
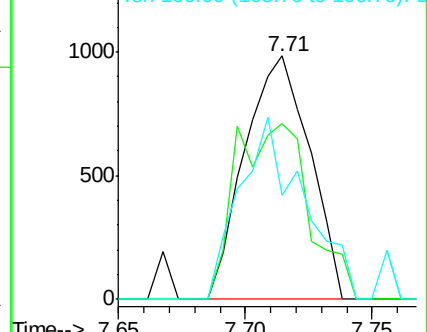
106 42.9 65.0 97.4#



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



#45

Dimethylphthalate

Concen: 5.04 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG021810.D

Acq: 10 May 2016 10:46

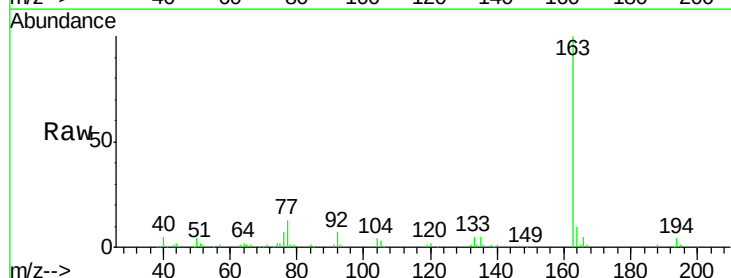
Tgt Ion: 163 Resp: 93998

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

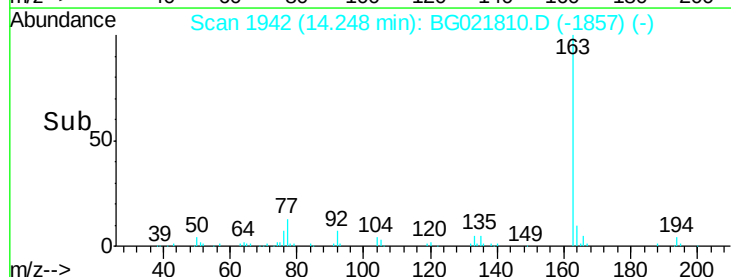
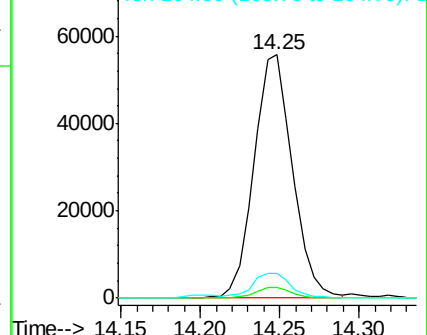
164 10.0 8.7 13.1

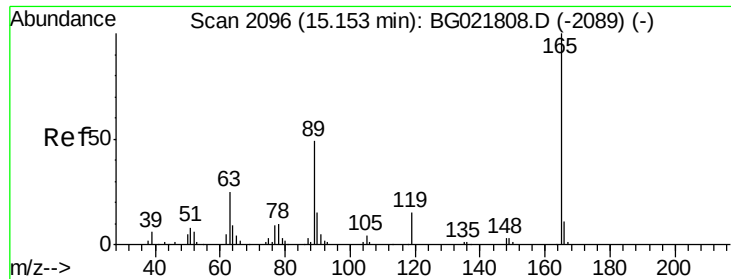


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC





#55

2,4-Dinitrotoluene

Concen: 6.78 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. -0.35 min

Lab File: BG021810.D

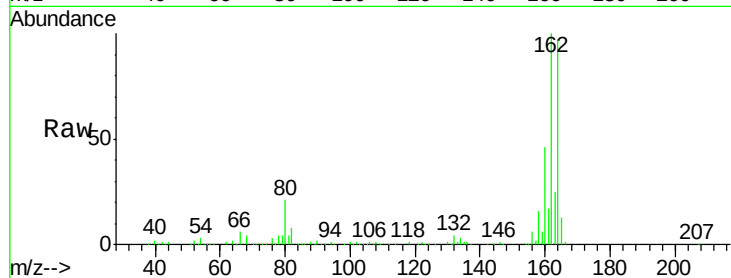
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Tgt Ion:	165	Resp:	34537
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.1	72.1#
182	0.0	2.2	3.2#

