

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022768.D
 Acq On : 1 Jul 2016 21:45
 Operator : UM/SJ
 Sample : H3811-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW6

Quant Time: Jul 02 00:09:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	147839	20.00	ng/ul	0.01
18) Naphthalene-d8	10.99	136	680198	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	554220	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1239683	20.00	ng/ul	0.01
75) Chrysene-d12	21.86	240	1389033	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1454124	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.55	96	6431	2.43	ng/uL	0.00
5) Phenol-d5	7.31	99	460660	29.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	265046	30.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	298365	28.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	359891	29.79	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	151113	27.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	185338	28.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	383100	28.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	274571	23.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1228329	27.28	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1426871	27.65	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	200040	28.30	ng/ul	0.00
57) Fluorene-d10	15.80	176	1167882	27.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	230757	28.94	ng/ul	0.00
70) Anthracene-d10	17.65	188	1636758	28.41	ng/ul	0.00
76) Pyrene-d10	19.94	212	1949391	29.38	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.00	264	1980137	28.66	ng/ul	0.02

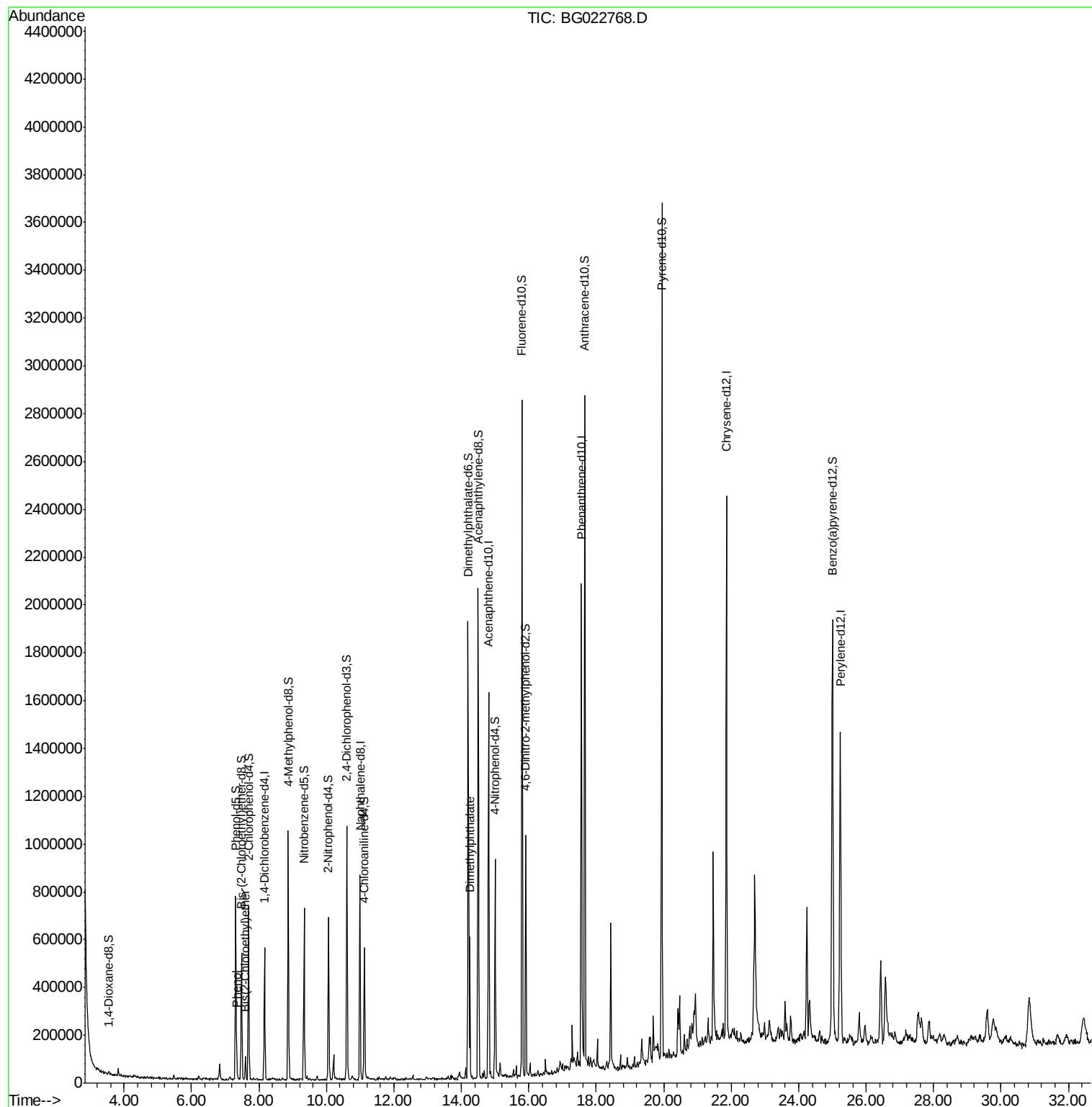
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.34	94	24904	1.56	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.60	93	41940	3.85	ng/ul#	28
44) Dimethylphthalate	14.25	163	354785	7.72	ng/ul	100

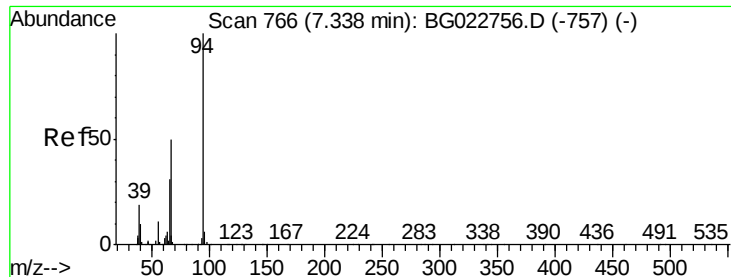
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.56 ng/ul

RT: 7.34 min Scan# 767

Delta R.T. 0.01 min

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BNA_G

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A4TW6

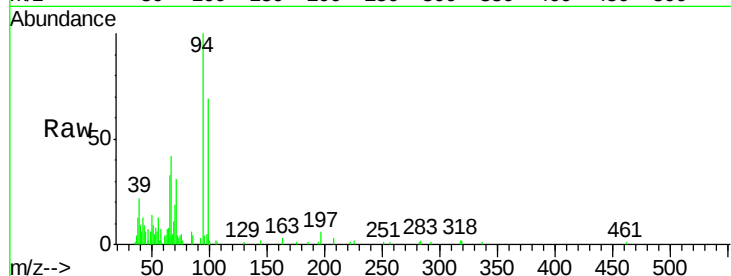
Tgt Ion: 94 Resp: 24904

Ion Ratio Lower Upper

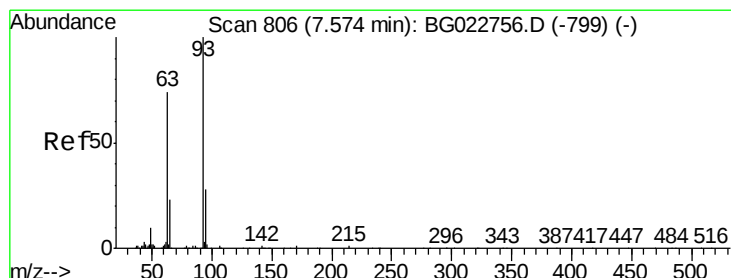
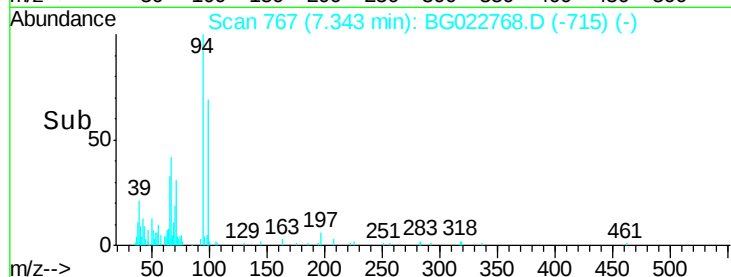
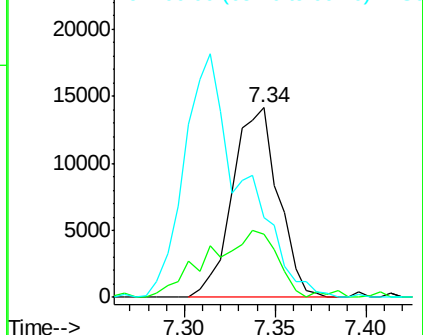
94 100

65 33.0 16.8 25.2#

66 42.1 22.6 33.8#



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



#8

Bis(2-Chloroethyl)ether

Concen: 3.85 ng/ul

RT: 7.60 min Scan# 810

Delta R.T. 0.02 min

Lab File: BG022768.D

Acq: 1 Jul 2016 21:45

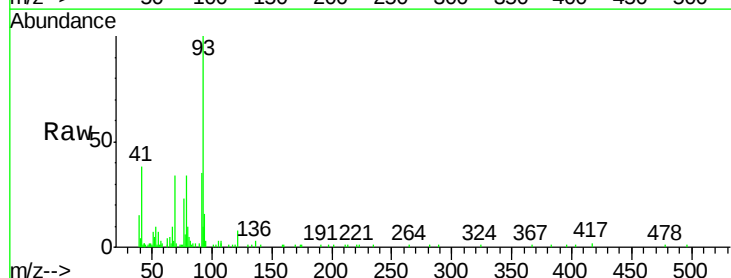
Tgt Ion: 93 Resp: 41940

Ion Ratio Lower Upper

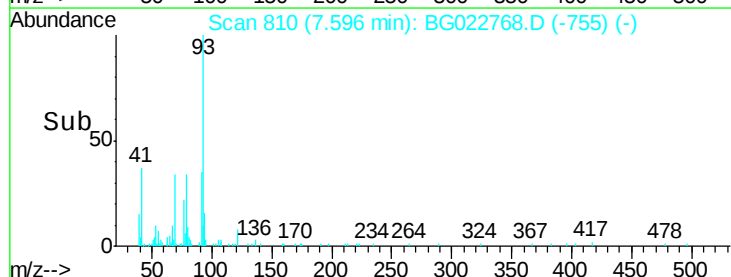
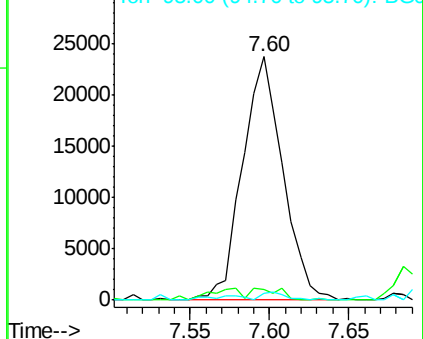
93 100

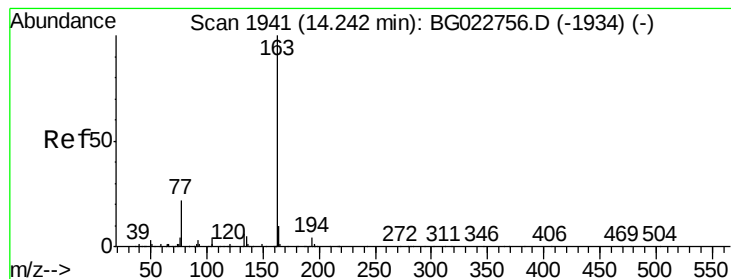
63 4.3 56.0 84.0#

95 2.6 27.7 41.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#44

Dimethylphthalate

Concen: 7.72 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.01 min

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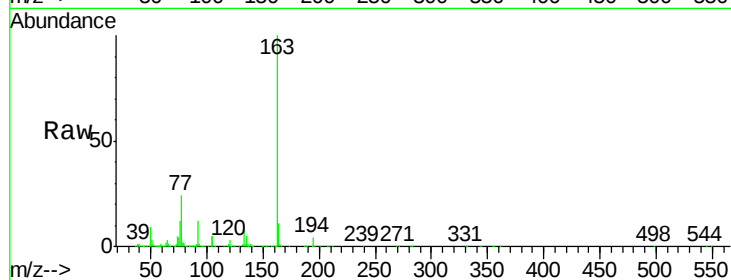
Tgt Ion:163 Resp: 354785

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 11.1 8.8 13.2



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

