

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112216\
 Data File : BG024890.D
 Acq On : 22 Nov 2016 15:57
 Operator : UM/SJ
 Sample : H5695-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSY9

Quant Time: Nov 22 23:54:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 22 23:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	68654	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	290803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	244125	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	607310	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	751186	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	773865	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1014	0.77	ng/uL	0.00
5) Phenol-d5	7.39	99	28007	4.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	45857	12.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	52269	12.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	45335	9.18	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	27752	12.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	33272	12.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	75469	14.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	1685	0.29	ng/ul	0.02
43) Dimethylphthalate-d6	14.27	166	246083	13.82	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	240826	12.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	17652	5.57	ng/ul	0.00
57) Fluorene-d10	15.86	176	198763	11.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	44571	10.68	ng/ul	-0.01
70) Anthracene-d10	17.71	188	314329	11.72	ng/ul	-0.01
76) Pyrene-d10	19.98	212	378086	11.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	345972	10.21	ng/ul	-0.02

Target Compounds

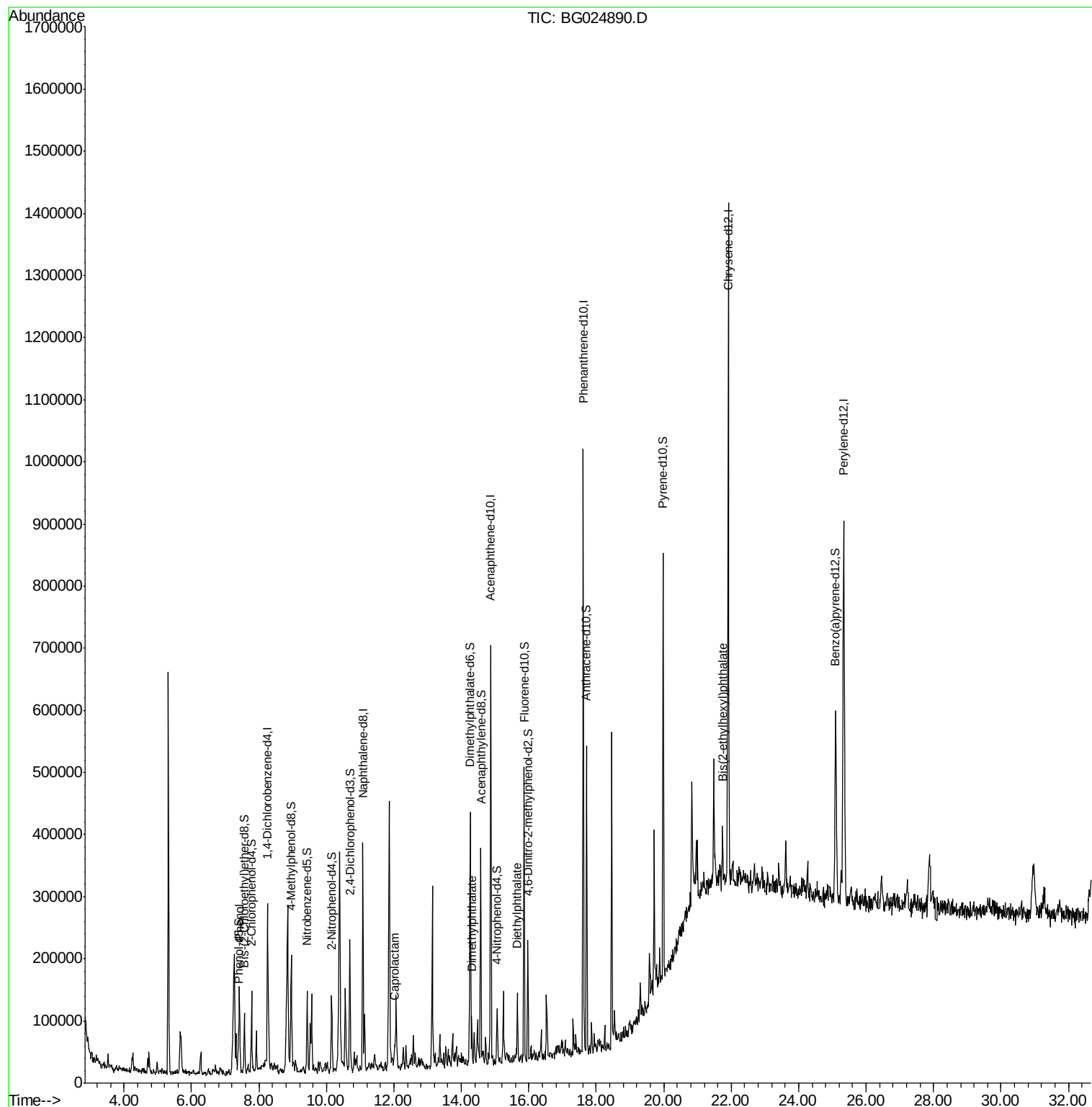
						Qvalue
6) Phenol	7.42	94	69760	11.35	ng/ul	91
32) Caprolactam	12.03	113	8922	4.51	ng/ul#	75
44) Dimethylphthalate	14.31	163	46740	2.74	ng/ul	98
56) Diethylphthalate	15.66	149	18910	1.04	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.75	149	32410	1.57	ng/ul#	84

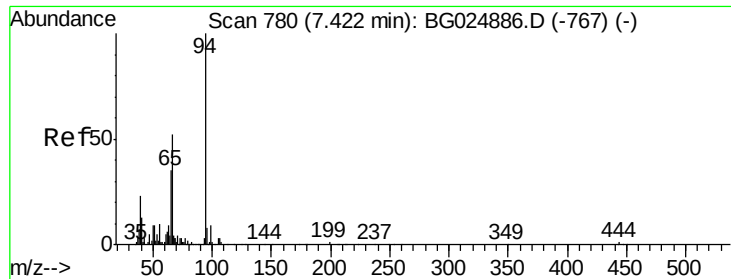
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 11.35 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG024890.D

Acq: 22 Nov 2016 15:57

Instrument :

BNA_G

ClientSampled :

JHSY9

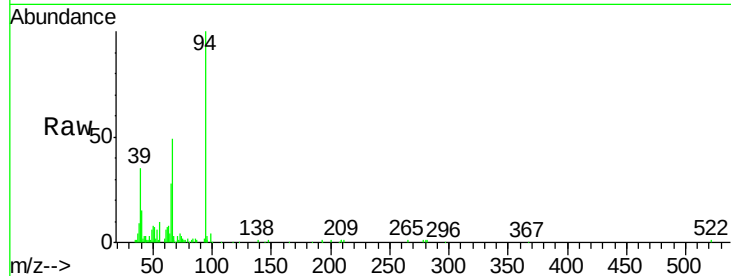
Tgt Ion: 94 Resp: 69760

Ion Ratio Lower Upper

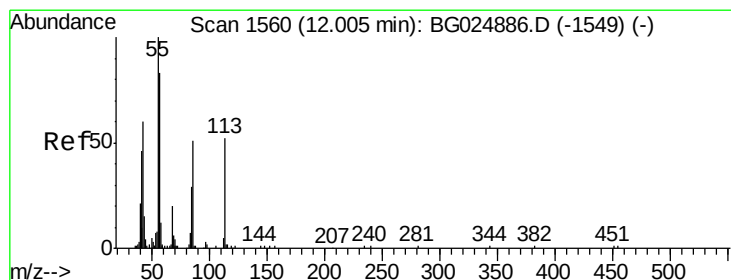
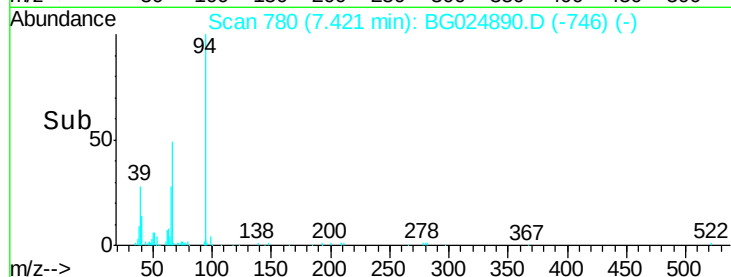
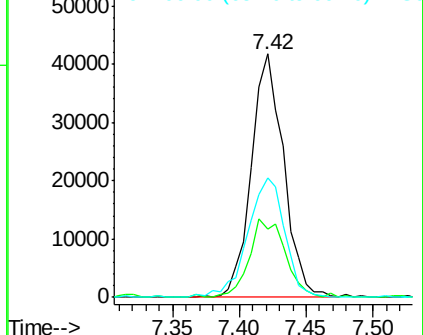
94 100

65 28.2 26.8 40.2

66 49.1 44.4 66.6



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



#32

Caprolactam

Concen: 4.51 ng/ul

RT: 12.03 min Scan# 1564

Delta R.T. 0.02 min

Lab File: BG024890.D

Acq: 22 Nov 2016 15:57

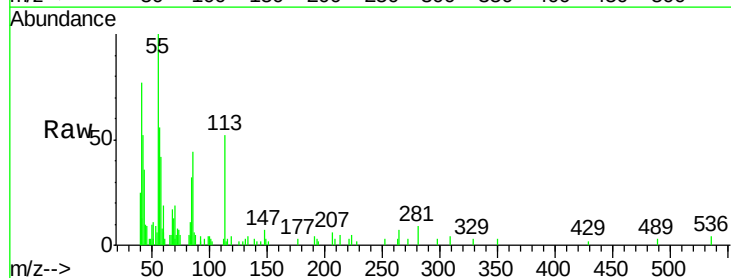
Tgt Ion: 113 Resp: 8922

Ion Ratio Lower Upper

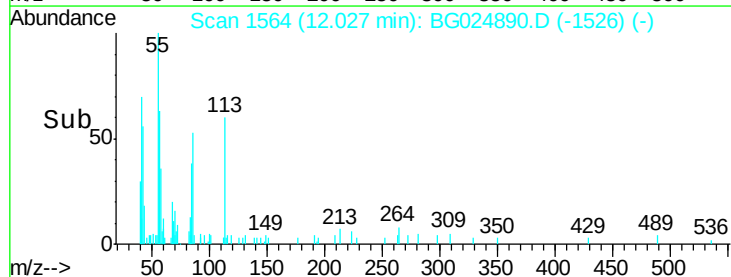
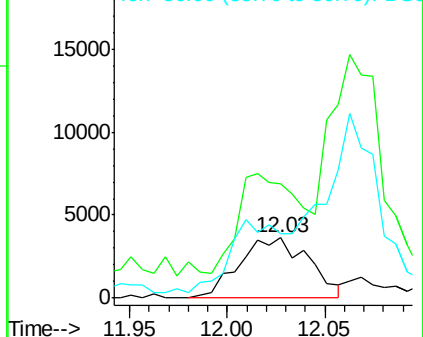
113 100

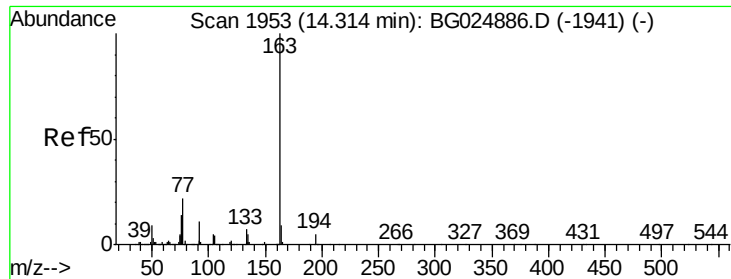
55 190.6 168.6 252.8

56 106.6 128.5 192.7



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

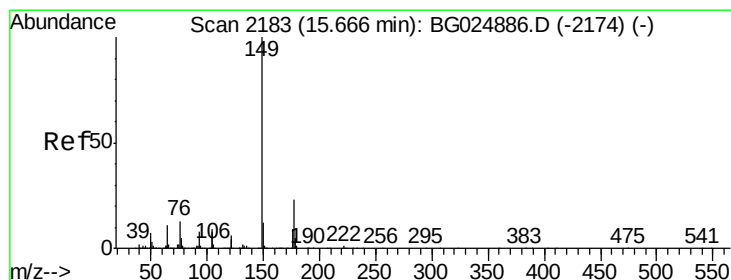
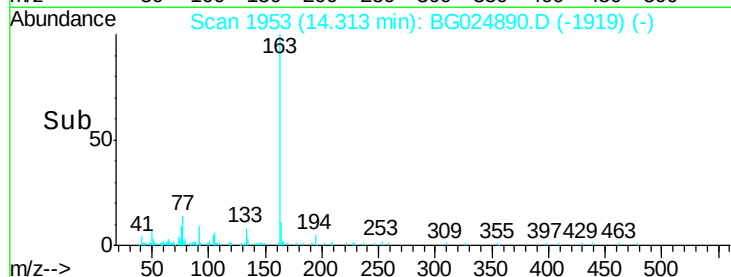
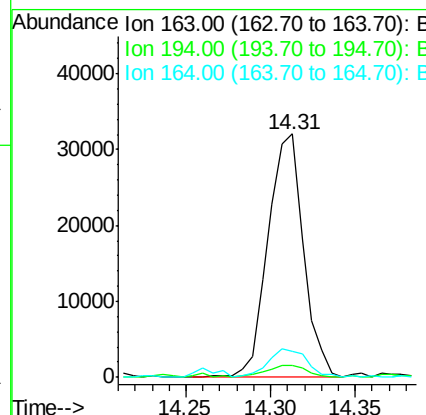
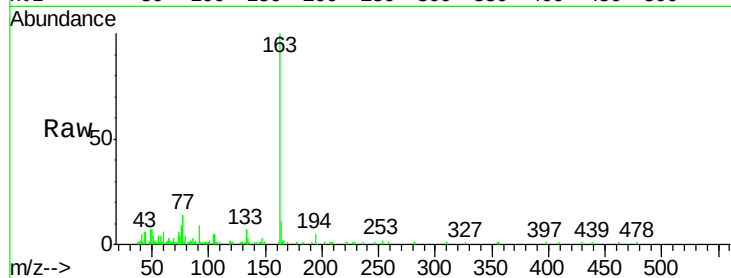




#44
Dimethylphthalate
Concen: 2.74 ng/ul
RT: 14.31 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG024890.D
Acq: 22 Nov 2016 15:57

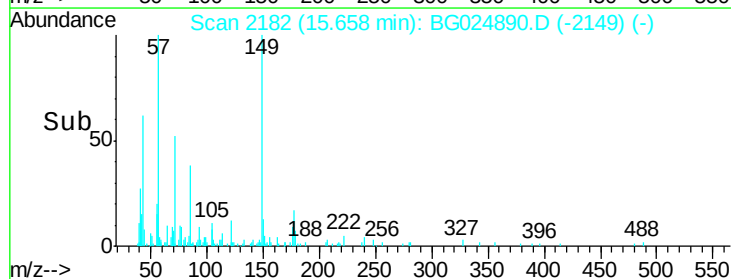
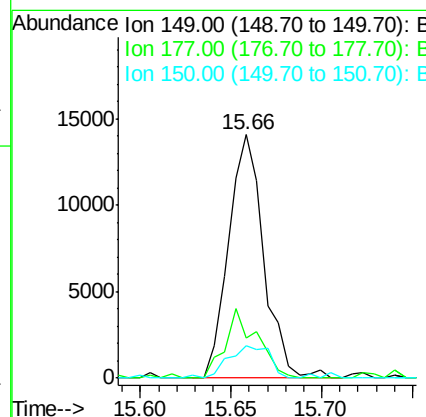
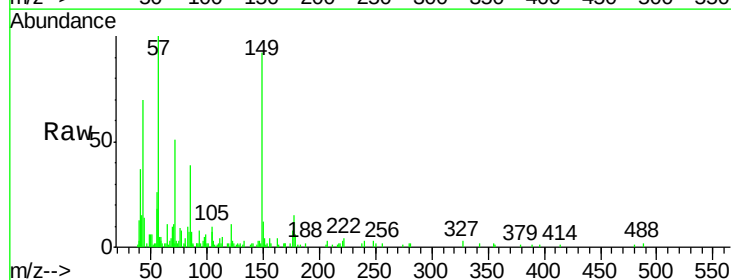
Instrument :
BNA_G
ClientSampleId :
JHSY9

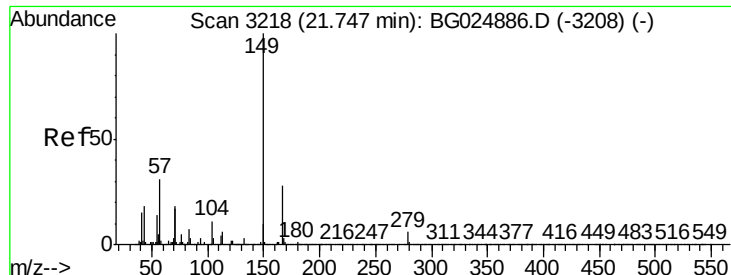
Tgt Ion:163 Resp: 46740
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.0
164 10.5 9.0 13.4



#56
Diethylphthalate
Concen: 1.04 ng/ul
RT: 15.66 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG024890.D
Acq: 22 Nov 2016 15:57

Tgt Ion:149 Resp: 18910
Ion Ratio Lower Upper
149 100
177 16.6 17.8 26.8#
150 13.4 10.2 15.4





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.57 ng/ul
 RT: 21.75 min Scan# 3218
 Delta R.T. -0.00 min
 Lab File: BG024890.D
 Acq: 22 Nov 2016 15:57

Instrument :
 BNA_G
 ClientSampleId :
 JHSY9

Tgt Ion:149 Resp: 32410
 Ion Ratio Lower Upper
 149 100
 167 33.9 21.8 32.8#
 279 16.6 4.5 6.7#

