

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091615\
 Data File : BG018705.D
 Acq On : 16 Sep 2015 13:10
 Operator : TP
 Sample : G3641-11DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AM8DL

Quant Time: Sep 17 02:26:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 17 02:24:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	188719	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	130788	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	349307	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	370344	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	369003	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.44	96	324	0.37	ng/uL	0.00
5) Phenol-d5	7.16	99	5559	1.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	13108	6.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	15568	5.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	10839	3.88	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	9184	6.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	9405	6.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	21826	7.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	1804	0.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	72886	6.92	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	91504	7.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	2122	1.05	ng/ul	0.00
58) Fluorene-d10	15.62	176	69540	7.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	4300	2.60	ng/ul	0.00
71) Anthracene-d10	17.47	188	115534	7.51	ng/ul	0.00
79) Pyrene-d10	19.75	212	121175	7.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.58	264	119962	6.68	ng/ul	-0.02

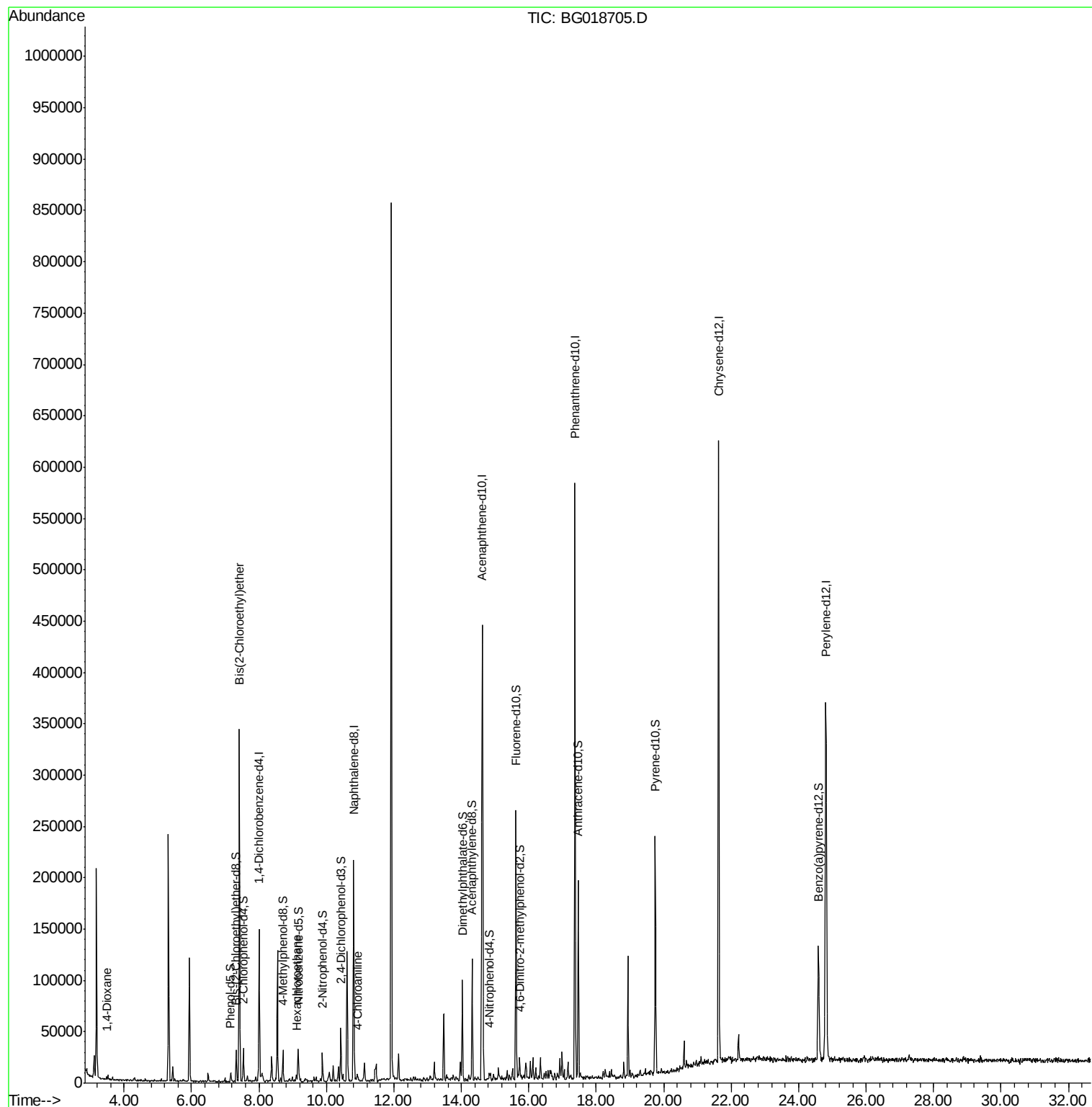
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.48	88	1119	1.19	ng/uL#	87
8) Bis(2-Chloroethyl)ether	7.42	93	202116	76.07	ng/ul	93
17) Hexachloroethane	9.11	117	1180	1.10	ng/ul#	10
30) 4-Chloroaniline	10.90	127	3684	1.01	ng/ul	99

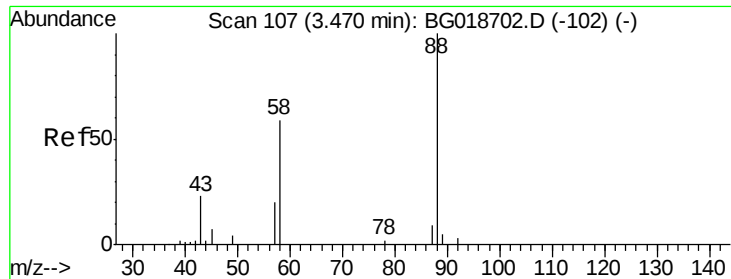
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.19 ng/uL

RT: 3.48 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG018705.D

Acq: 16 Sep 2015 13:10

Instrument :

BNA_G

ClientSampleID :

B0AM8DL

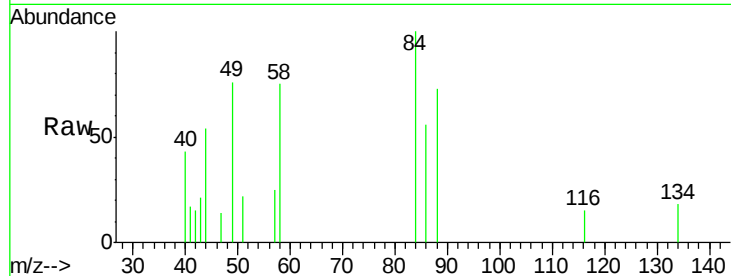
Tot Ion: 88 Resp: 1119

Ion Ratio Lower Upper

88 100

43 28.8 33.0 49.4#

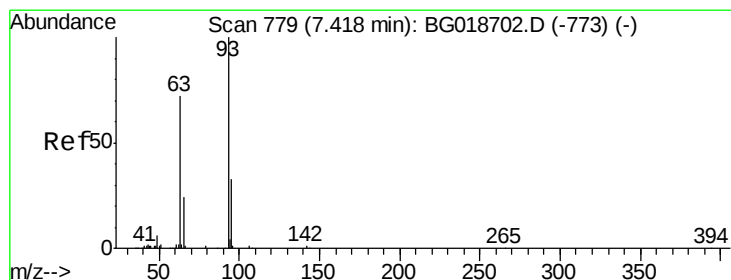
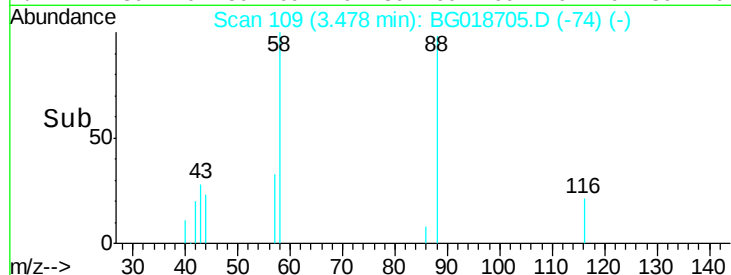
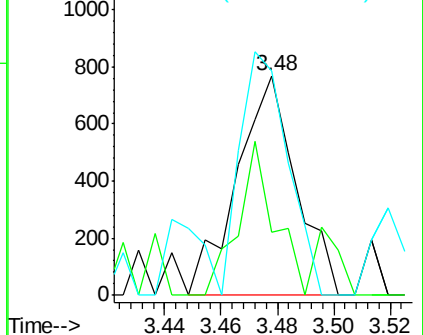
58 101.8 73.4 110.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 76.07 ng/uL

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG018705.D

Acq: 16 Sep 2015 13:10

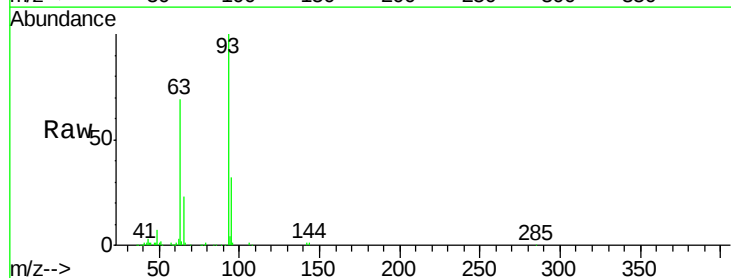
Tgt Ion: 93 Resp: 202116

Ion Ratio Lower Upper

93 100

63 68.8 61.4 92.2

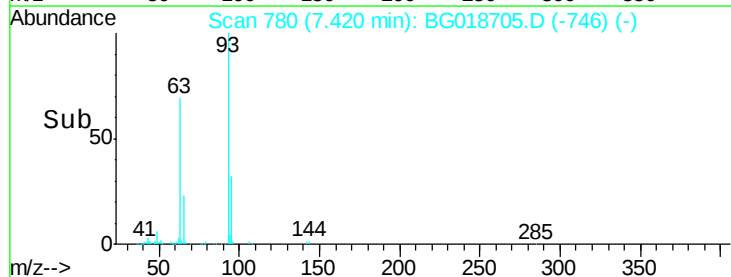
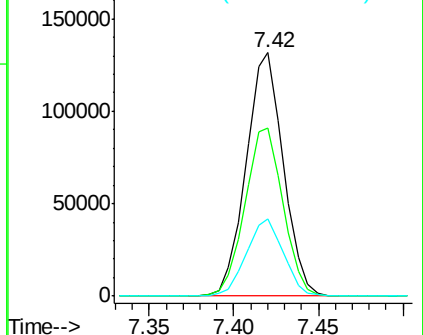
95 31.5 25.9 38.9

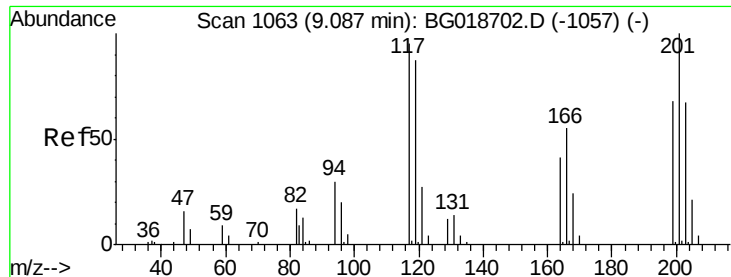


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#17

Hexachloroethane

Concen: 1.10 ng/ul

RT: 9.11 min Scan# 1068

Delta R.T. 0.03 min

Lab File: BG018705.D

Acq: 16 Sep 2015 13:10

Instrument :

BNA_G

ClientSampleId :

B0AM8DL

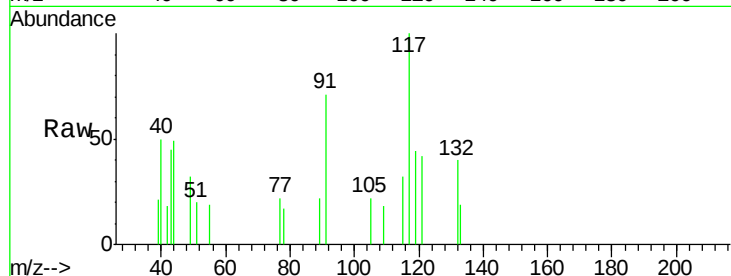
Tot Ion:117 Resp: 1180

Ion Ratio Lower Upper

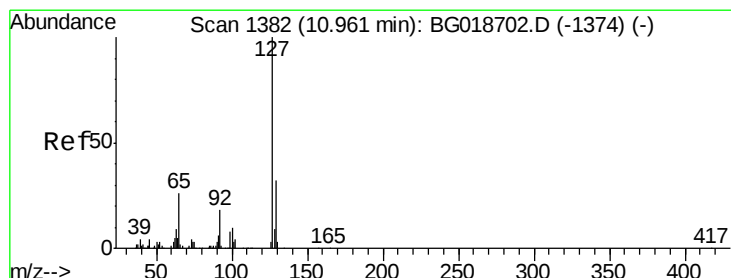
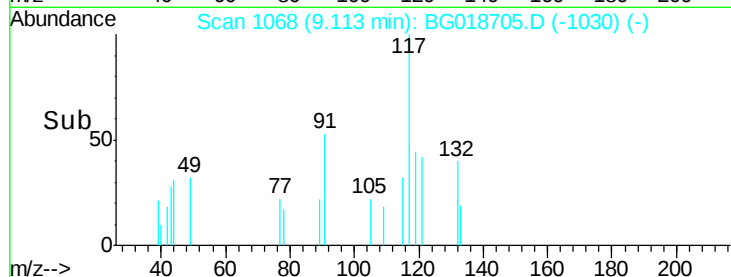
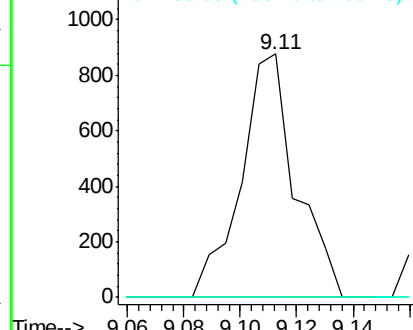
117 100

201 0.0 73.6 110.4#

199 0.0 48.6 72.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#30

4-Chloroaniline

Concen: 1.01 ng/ul

RT: 10.90 min Scan# 1373

Delta R.T. -0.06 min

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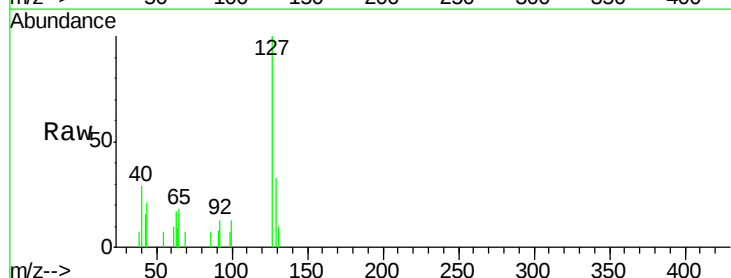
Acq: 16 Sep 2015 13:10

Tgt Ion:127 Resp: 3684

Ion Ratio Lower Upper

127 100

129 33.1 26.7 40.1



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

