

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025272.D
 Acq On : 17 Dec 2016 13:34
 Operator : UM/SJ
 Sample : H6040-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 00:22:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 00:18:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	66451	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	263513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	200947	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	463885	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	584374	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	585678	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6544	5.09	ng/uL	0.00
5) Phenol-d5	7.39	99	153073	26.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	99532	28.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	115386	28.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	129204	26.97	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	58214	31.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	69707	29.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	131002	29.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	26348	5.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	428187	30.98	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	491201	32.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	74223	31.25	ng/ul	0.00
57) Fluorene-d10	15.84	176	388968	29.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	71754	25.02	ng/ul	0.00
70) Anthracene-d10	17.70	188	624161	31.88	ng/ul	0.00
76) Pyrene-d10	19.97	212	758411	31.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	757157	31.91	ng/ul	0.00

Target Compounds

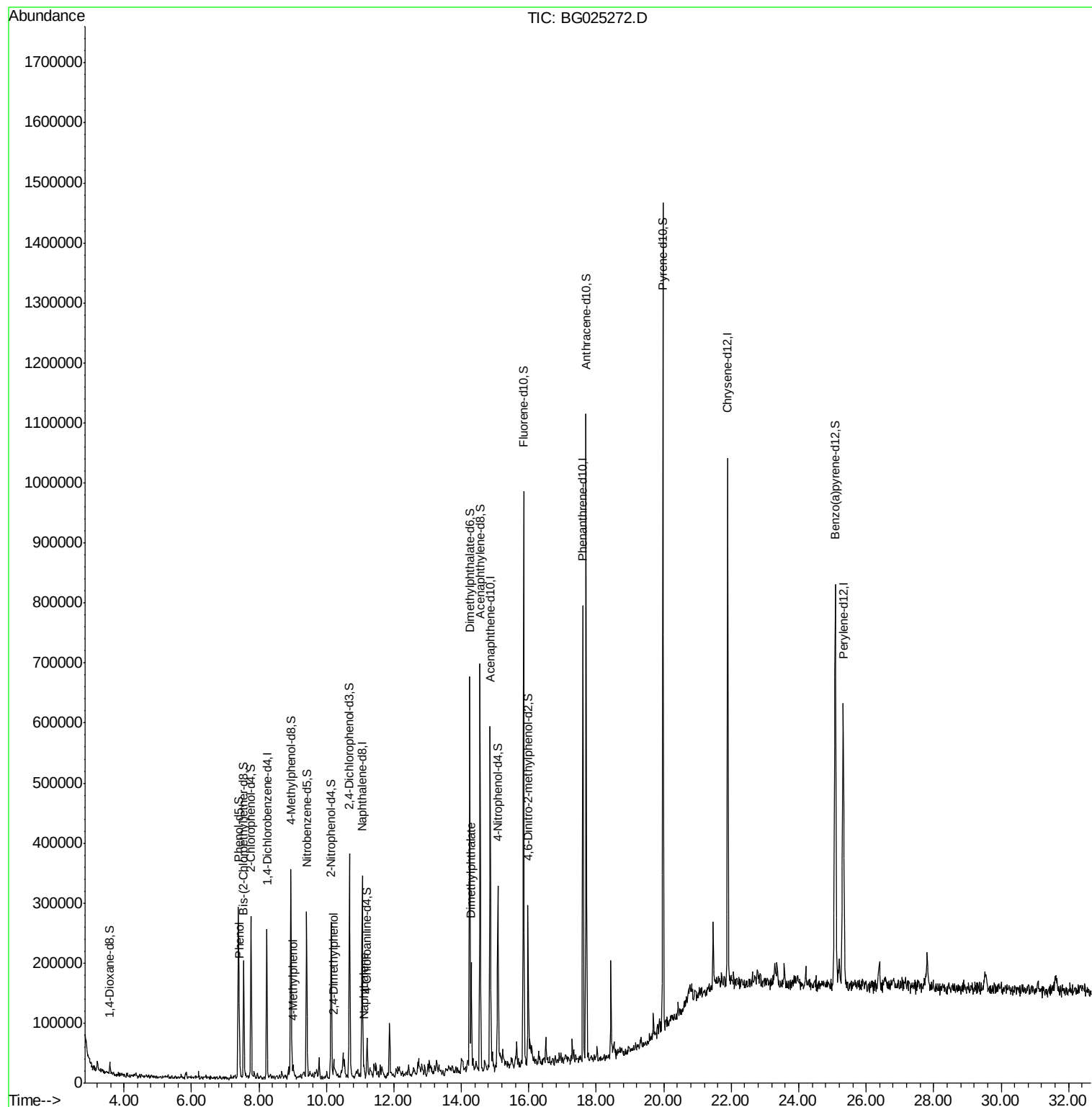
						Ovalue
6) Phenol	7.42	94	23965	4.07	ng/ul	93
16) 4-Methylphenol	9.02	108	6225	1.29	ng/ul	87
24) 2,4-Dimethylphenol	10.23	107	15248	2.83	ng/ul#	73
28) Naphthalene	11.11	128	12969	1.06	ng/ul#	90
44) Dimethylphthalate	14.29	163	113130	8.33	ng/ul	99

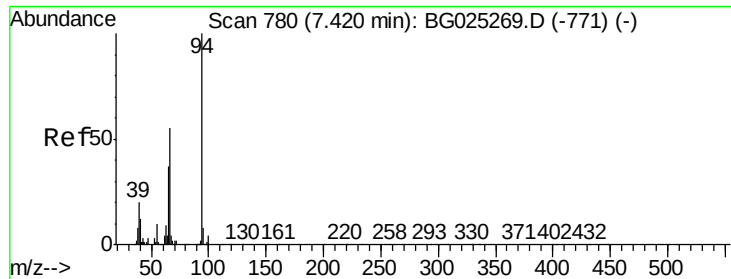
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.07 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025272.D

Acq: 17 Dec 2016 13:34

Instrument :

BNA_G

ClientSampleId :

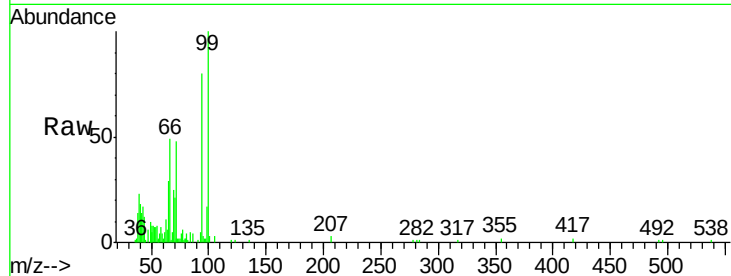
Tot Ion: 94 Resp: 23965

Ion Ratio Lower Upper

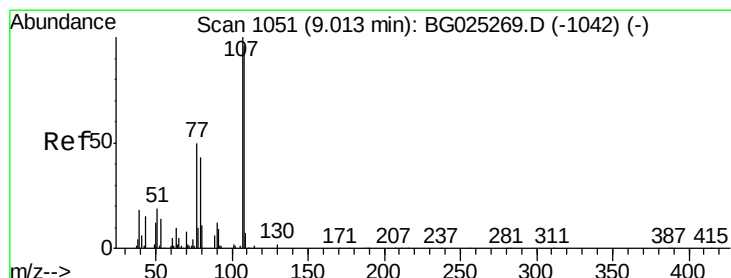
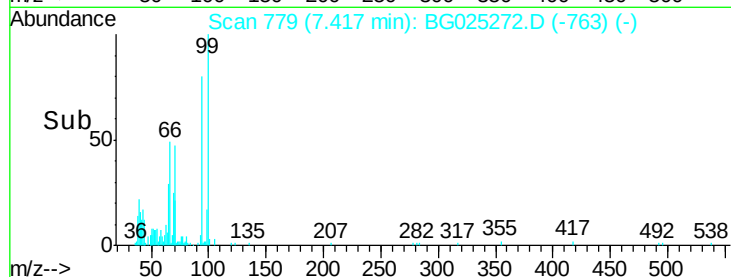
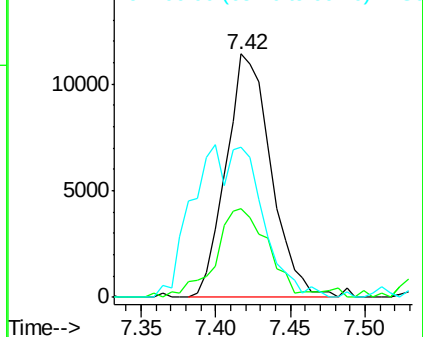
94 100

65 36.4 26.8 40.2

66 61.5 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



#16

4-Methylphenol

Concen: 1.29 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BG025272.D

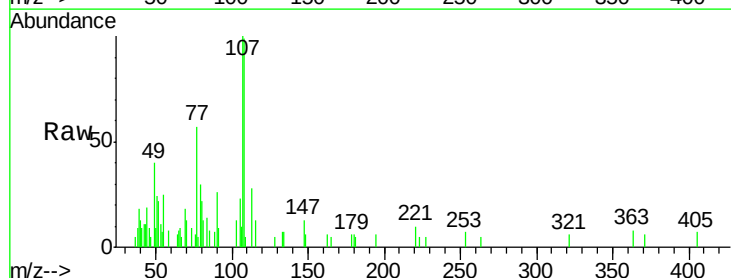
Acq: 17 Dec 2016 13:34

Tgt Ion: 108 Resp: 6225

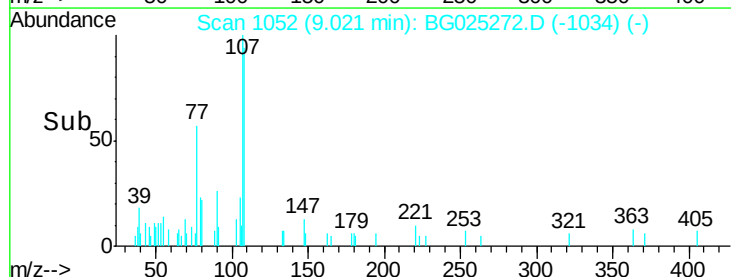
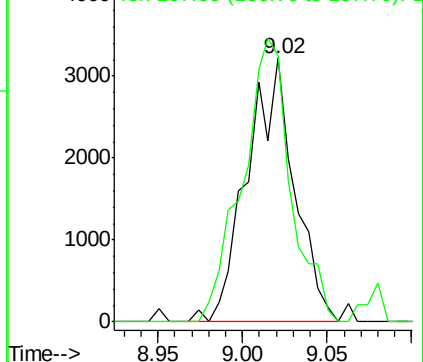
Ion Ratio Lower Upper

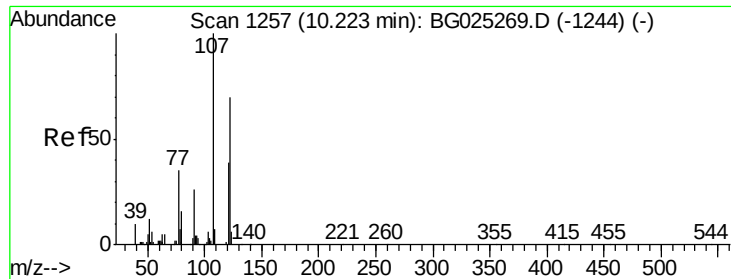
108 100

107 101.0 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

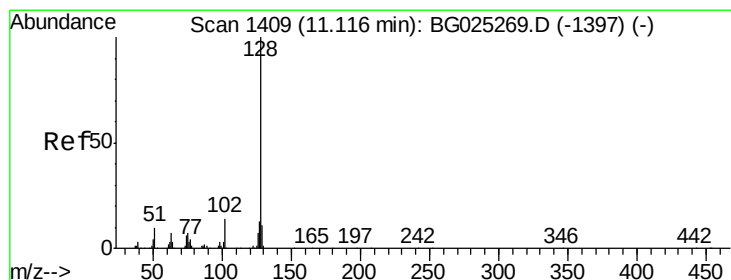
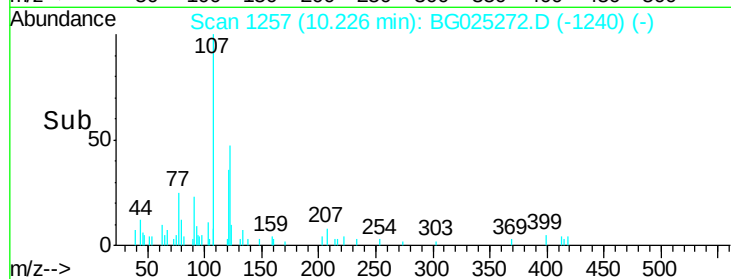
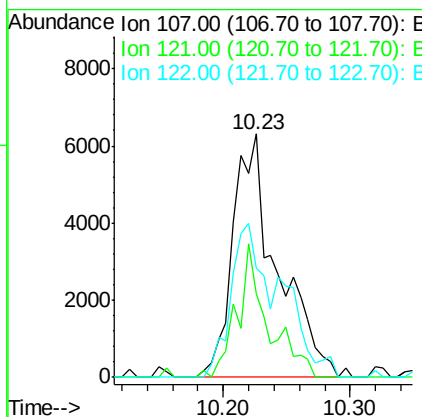
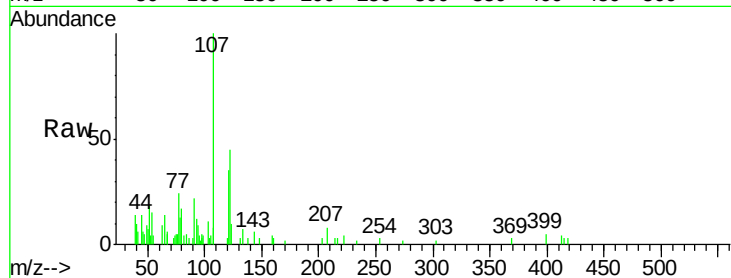




#24
2,4-Dimethylphenol
Concen: 2.83 ng/ul
RT: 10.23 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG025272.D
Acq: 17 Dec 2016 13:34

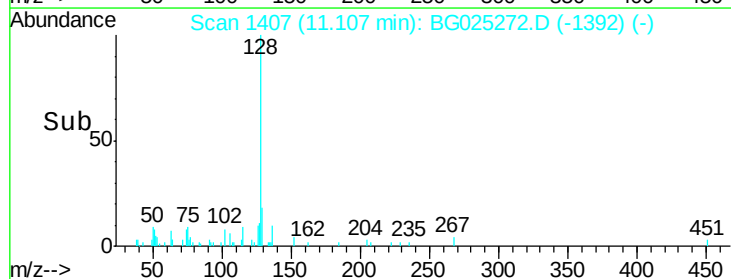
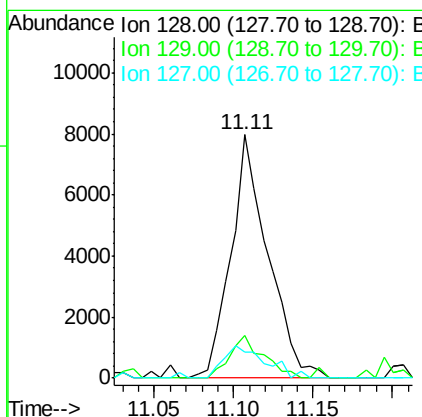
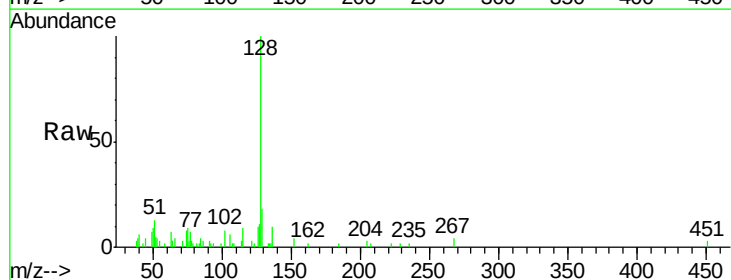
Instrument :
BNA_G
ClientSampleId :

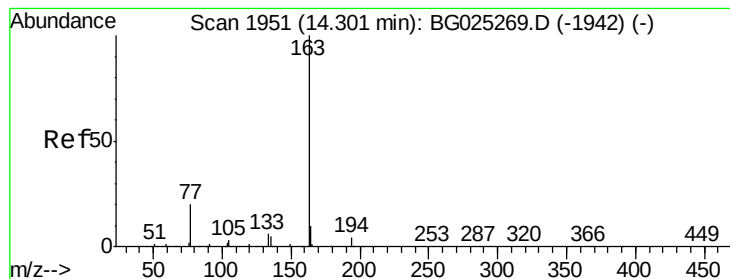
Tot Ion	Ratio	Lower	Upper
107	100		
121	34.5	32.3	48.5
122	45.0	61.2	91.8#



#28
Naphthalene
Concen: 1.06 ng/ul
RT: 11.11 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BG025272.D
Acq: 17 Dec 2016 13:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	17.6	9.4	14.2#
127	10.5	10.3	15.5





#44

Dimethylphthalate

Concen: 8.33 ng/ul

RT: 14.29 min Scan# 1949

Delta R.T. -0.01 min

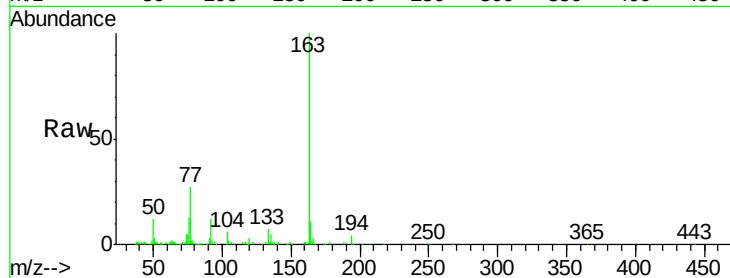
Lab File: BG025272.D

Acq: 17 Dec 2016 13:34

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	163	Resp:	113130
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.7	9.0	13.4

