

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025077.D
 Acq On : 10 Dec 2016 20:34
 Operator : UM/SJ
 Sample : H5861-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 02:50:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 02:45:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	62452	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	264581	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	234306	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	568669	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	741146	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	750978	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	5700	4.71	ng/uL	0.00
5) Phenol-d5	7.38	99	128826	23.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	96234	28.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	96452	25.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	115866	25.73	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	53947	28.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	43032	18.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	112915	25.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	148296	33.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	466357	28.94	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	495427	28.06	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	53129	19.18	ng/ul	0.00
57) Fluorene-d10	15.85	176	412449	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	7533	2.14	ng/ul	0.00
70) Anthracene-d10	17.70	188	705323	29.39	ng/ul	0.00
76) Pyrene-d10	19.97	212	938558	30.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	933981	30.69	ng/ul	0.00

Target Compounds

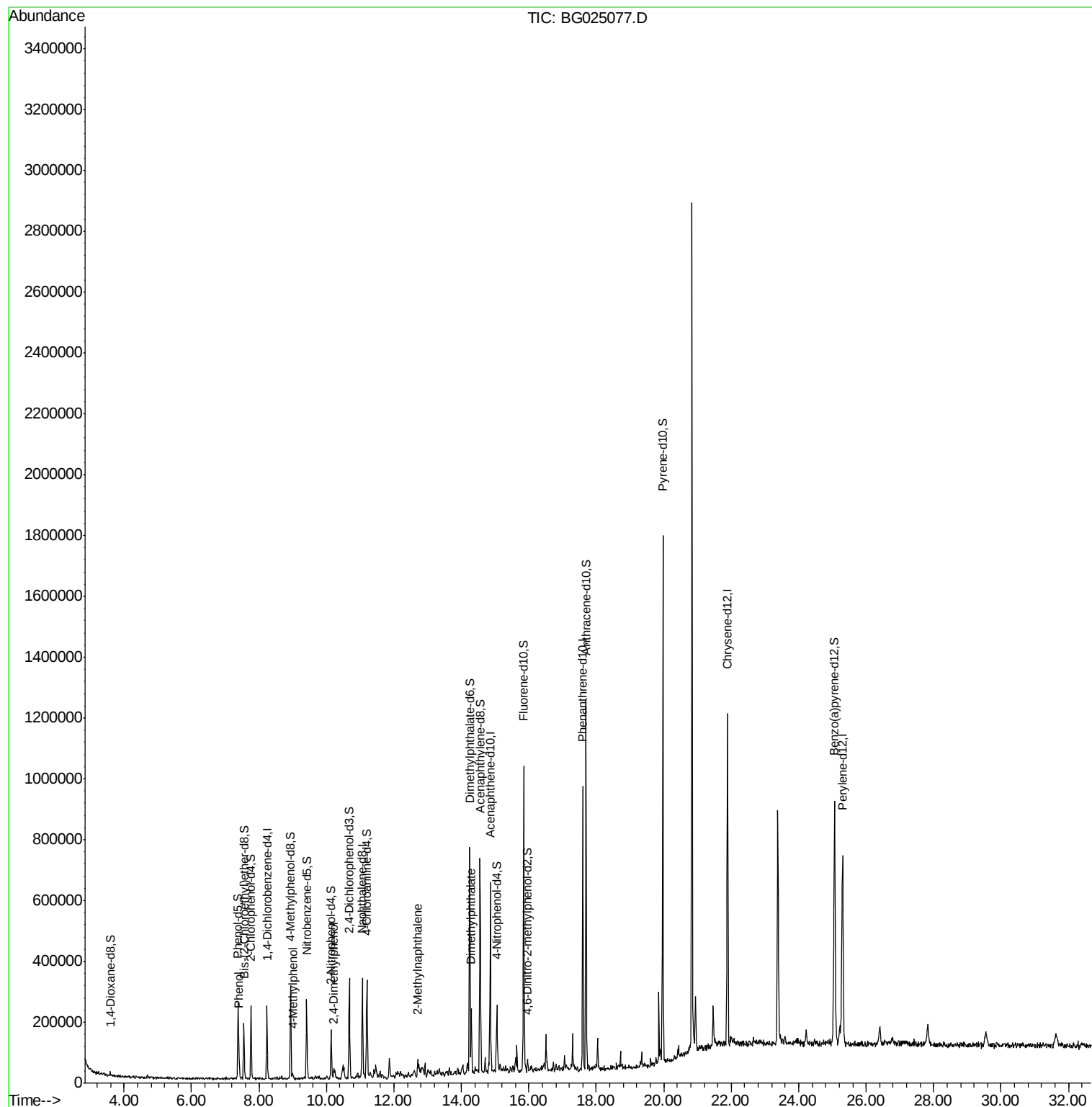
						Ovalue
6) Phenol	7.41	94	27261	4.93	ng/ul#	83
16) 4-Methylphenol	9.01	108	5691	1.26	ng/ul#	34
24) 2,4-Dimethylphenol	10.21	107	19651	3.63	ng/ul#	78
34) 2-Methylnaphthalene	12.70	142	25278	2.60	ng/ul	96
44) Dimethylphthalate	14.29	163	123774	7.81	ng/ul	98

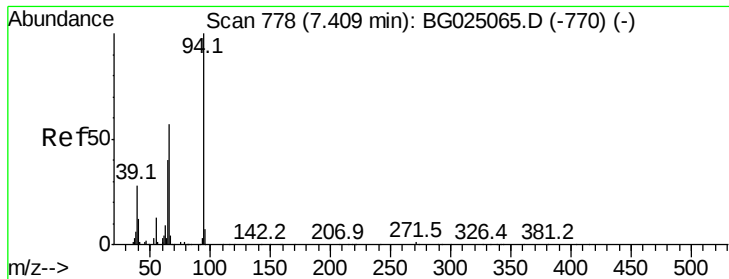
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.93 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025077.D

Acq: 10 Dec 2016 20:34

Instrument :

BNA_G

ClientSampleId :

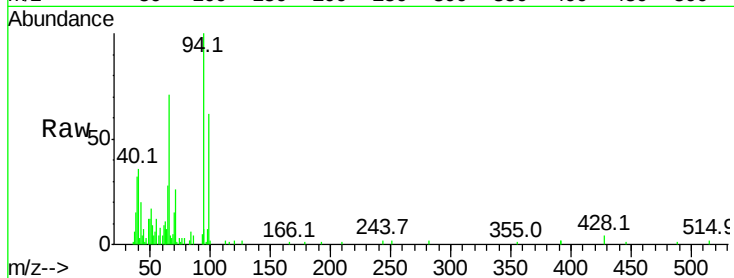
Tot Ion: 94 Resp: 27261

Ion Ratio Lower Upper

94 100

65 28.2 26.8 40.2

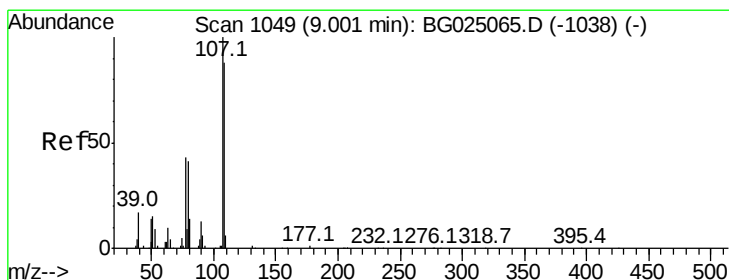
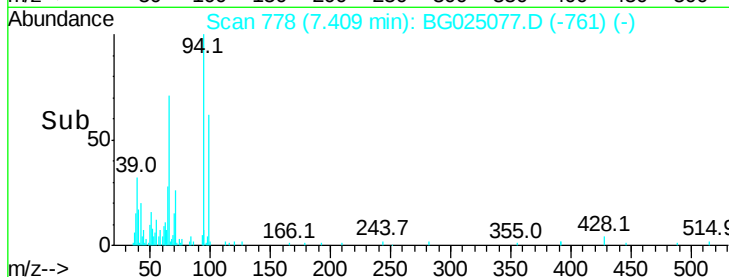
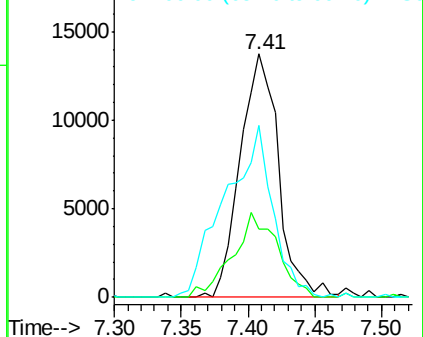
66 70.7 44.4 66.6#



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: 1.26 ng/ul

RT: 9.01 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BG025077.D

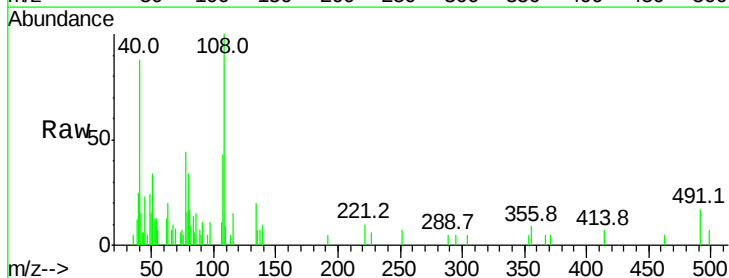
Acq: 10 Dec 2016 20:34

Tgt Ion:108 Resp: 5691

Ion Ratio Lower Upper

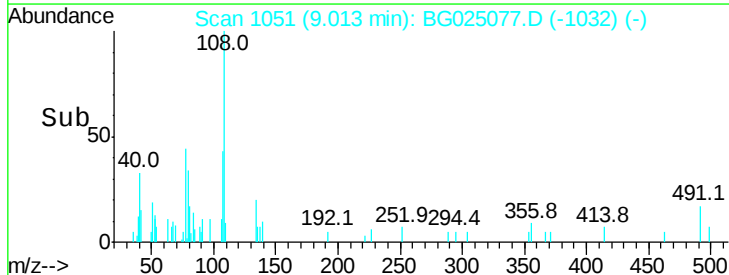
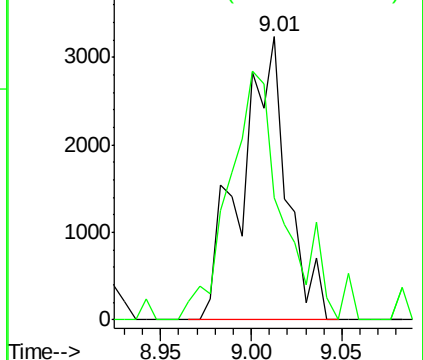
108 100

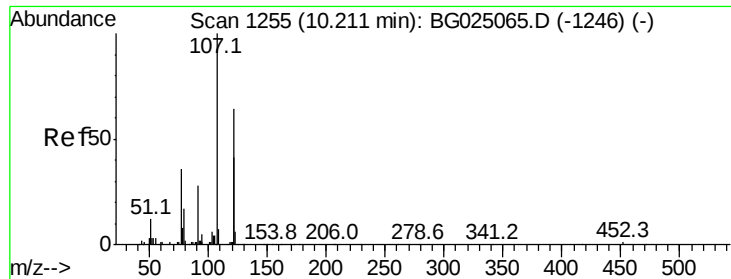
107 43.2 91.7 137.5#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

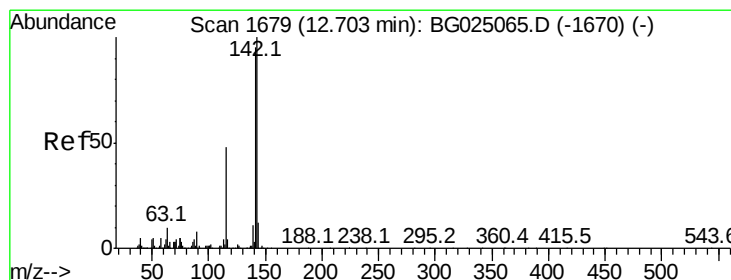
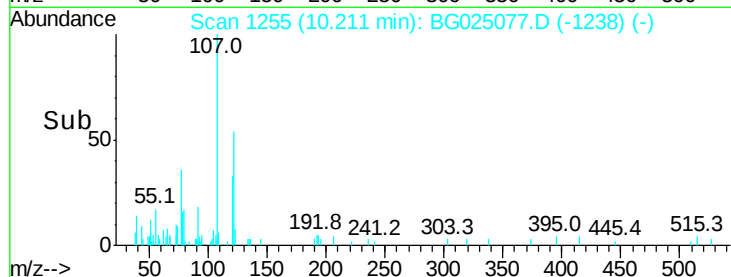
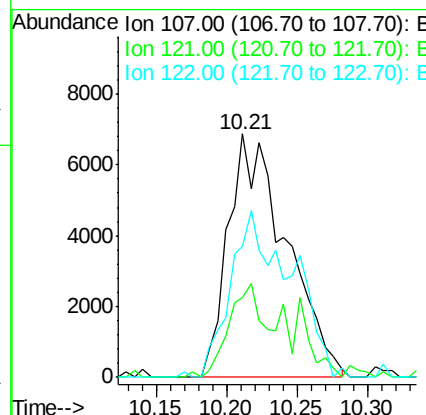
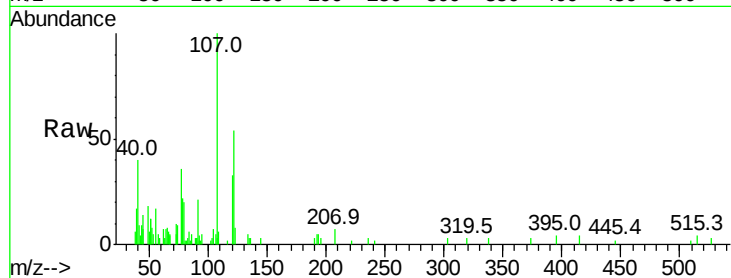




#24
 2,4-Dimethylphenol
 Concen: 3.63 ng/ul
 RT: 10.21 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BG025077.D
 Acq: 10 Dec 2016 20:34

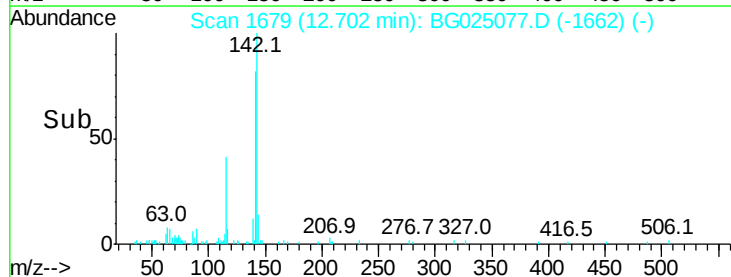
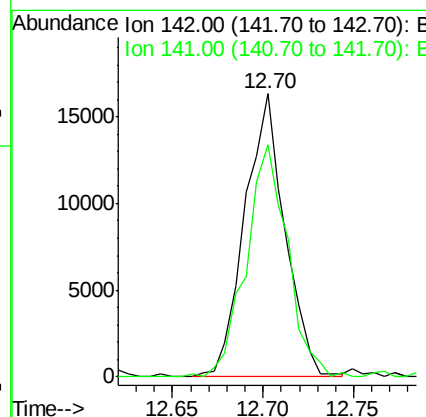
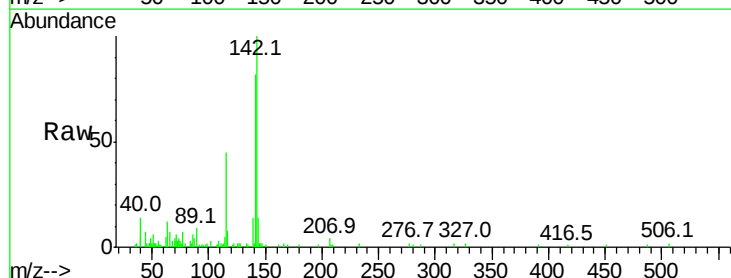
Instrument :
 BNA_G
 ClientSampleId :

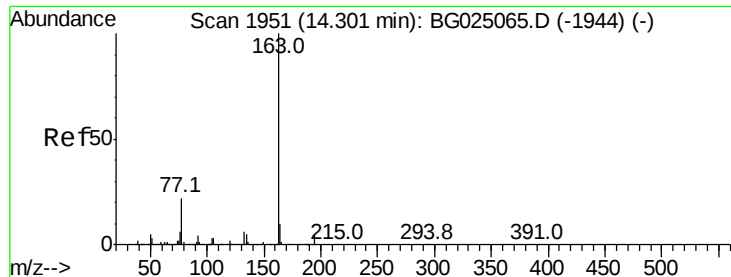
Tot Ion	Ratio	Lower	Upper
107	100		
121	32.8	32.3	48.5
122	53.6	61.2	91.8#



#34
 2-Methylnaphthalene
 Concen: 2.60 ng/ul
 RT: 12.70 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG025077.D
 Acq: 10 Dec 2016 20:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.9	68.6	102.8





#44

Dimethylphthalate

Concen: 7.81 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG025077.D

Acq: 10 Dec 2016 20:34

Instrument :

BNA_G

ClientSampleId :

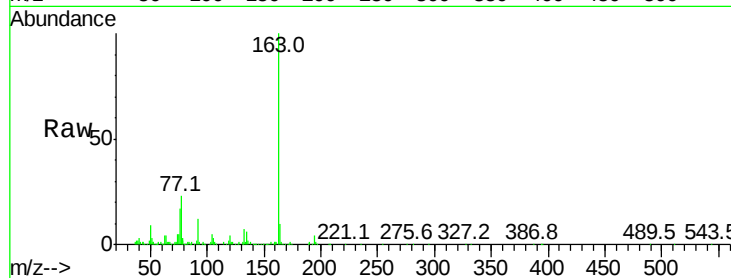
Tot Ion:163 Resp: 123774

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.5 9.0 13.4



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

