

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
 Data File : BG025077.D
 Acq On : 10 Dec 2016 20:34
 Operator : UM/SJ
 Sample : H5905-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA805

Quant Time: Dec 12 04:16:23 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

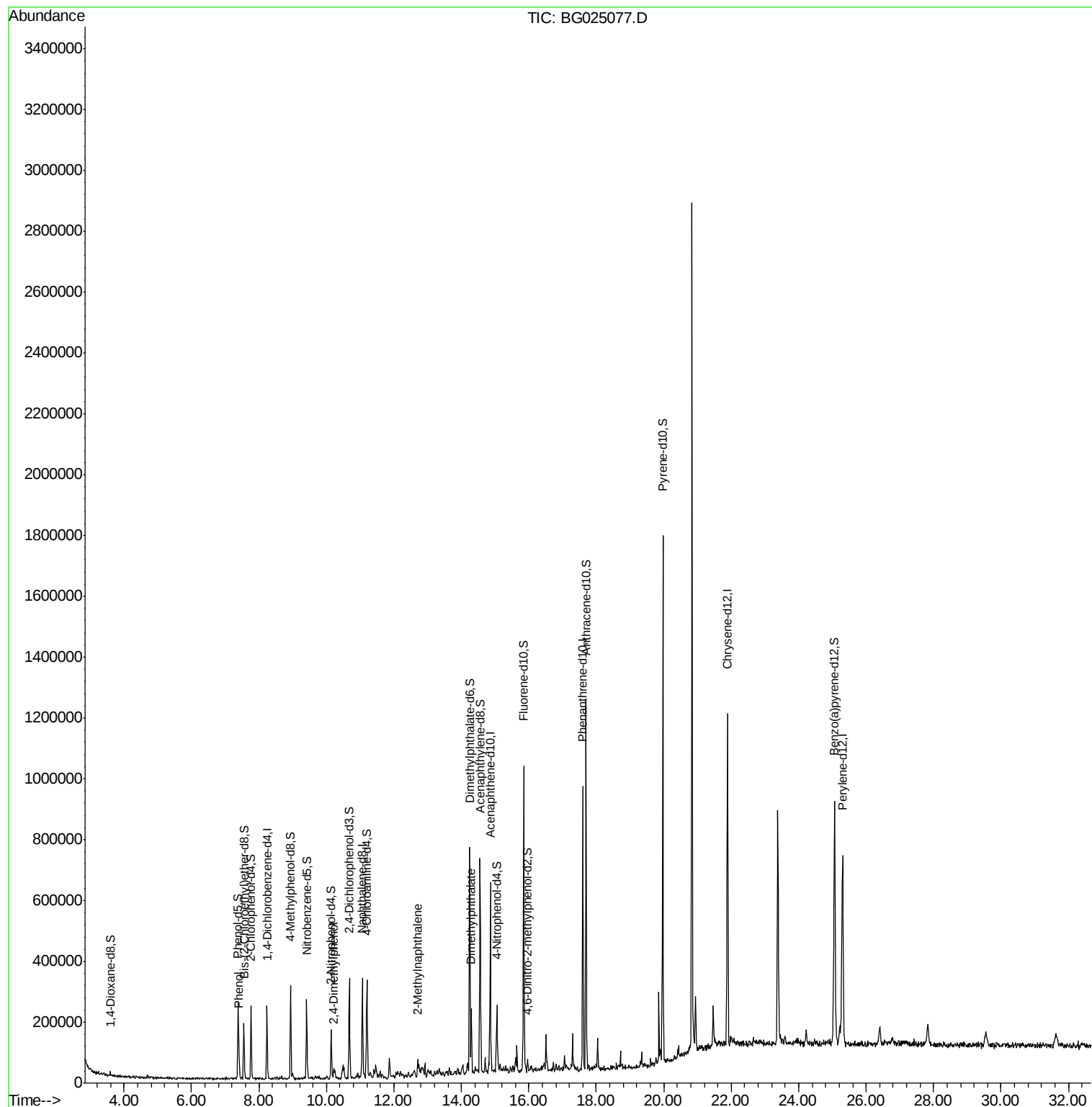
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.41	94	27261	4.93	ng/ul#	83
24) 2,4-Dimethylphenol	10.21	107	19651	3.63	ng/ul#	78
34) 2-Methylnaphthalene	12.70	142	25278	2.60	ng/ul	96
44) Dimethylphthalate	14.29	163	123774	7.81	ng/ul	98

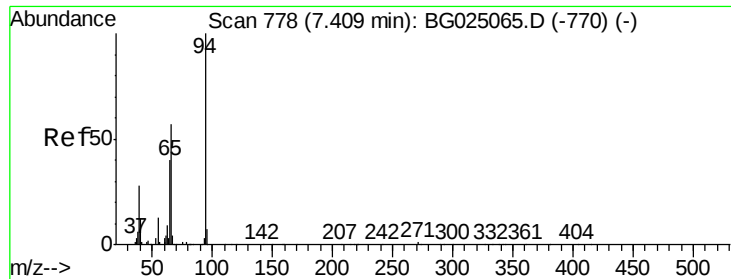
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

DA805

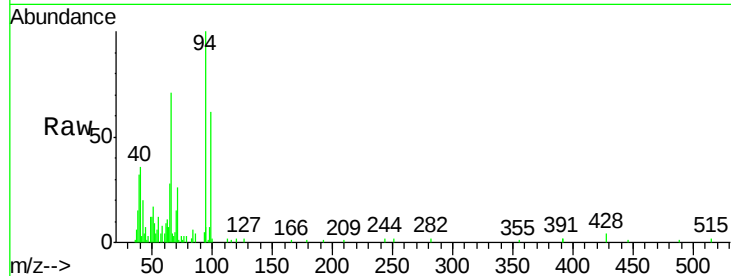
Tgt Ion: 94 Resp: 27261

Ion Ratio Lower Upper

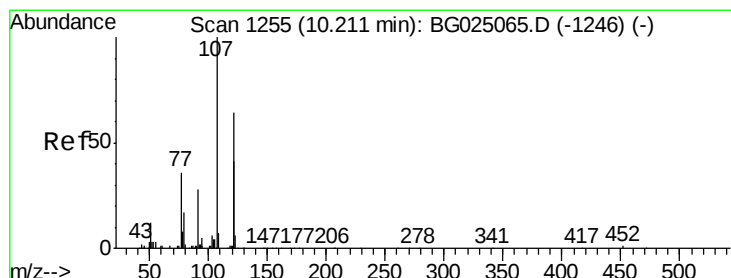
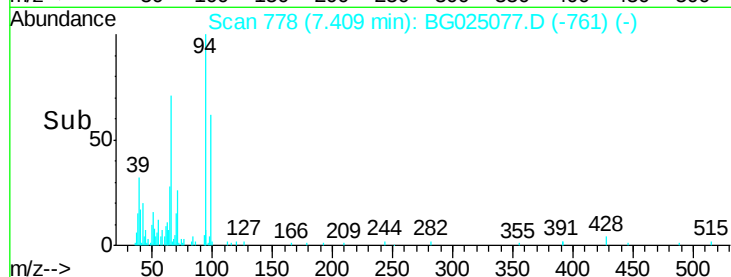
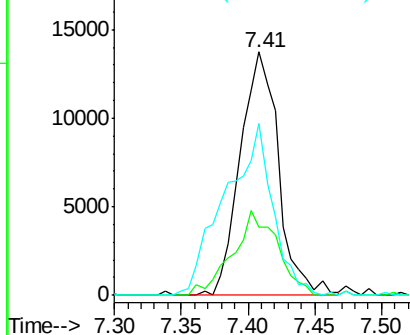
94 100

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



#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

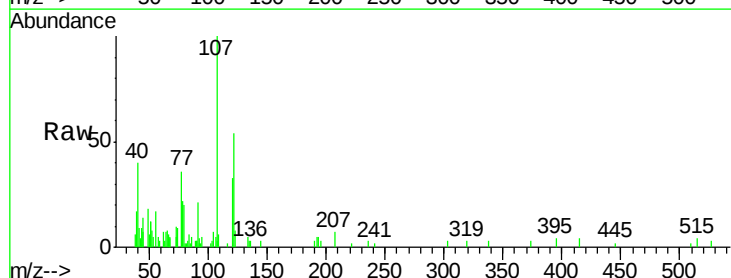
Tgt Ion: 107 Resp: 19651

Ion Ratio Lower Upper

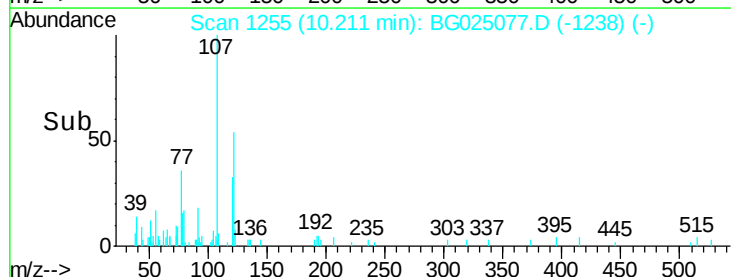
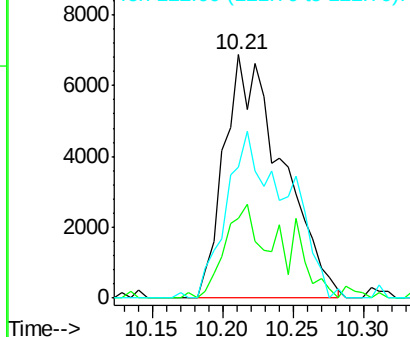
107 100

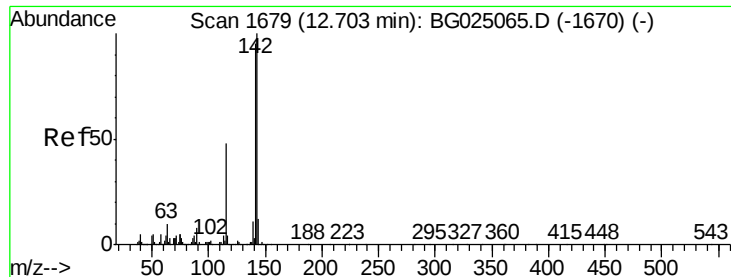
121 32.8 32.3 48.5

122 53.6 61.2 91.8#



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC
Ion 122.00 (121.70 to 122.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

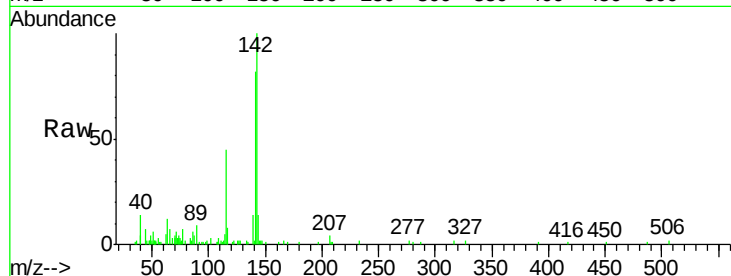
DA805

Tgt Ion:142 Resp: 25278

Ion Ratio Lower Upper

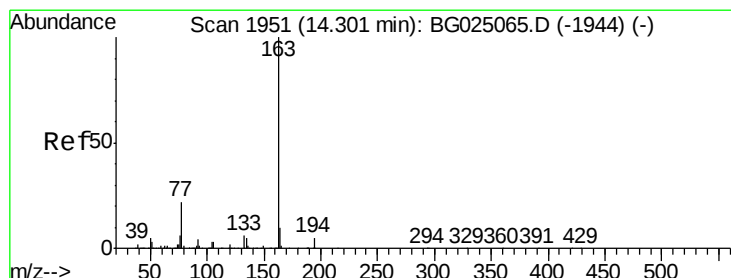
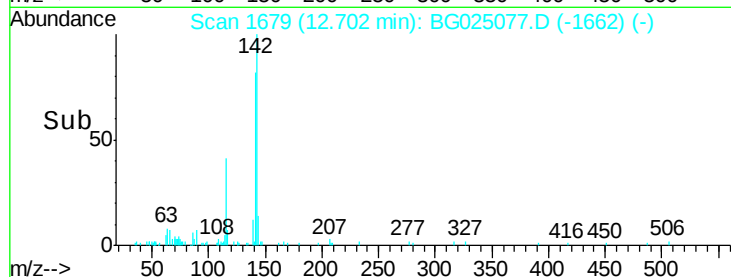
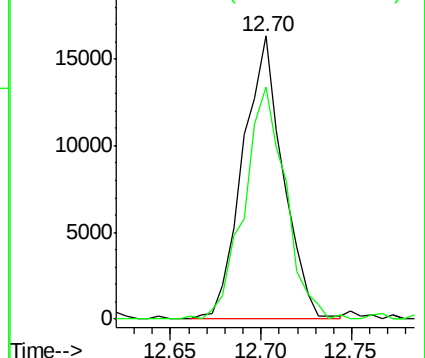
142 100

141 81.9 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#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

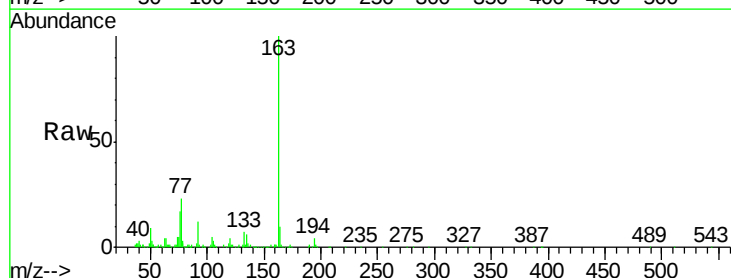
Tgt Ion:163 Resp: 123774

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

