

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042096.D
 Acq On : 9 Aug 2019 10:48
 Operator : HP/JU
 Sample : K4147-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 02:28:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	82953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	335072	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	223947	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	538903	20.00	ng/ul	0.10
77) Chrysene-d12	21.73	240	472382	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	556046	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5602	2.95	ng/uL	0.00
5) Phenol-d5	7.19	99	129754	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	63684	17.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	117169	21.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	111430	20.39	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	58998	23.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	73117	24.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	139332	23.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	117811	17.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	408685	23.53	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	461890	23.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	57899	19.85	ng/ul	0.01
57) Fluorene-d10	15.68	176	347702	22.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	187	0.05	ng/ul	0.07
70) Anthracene-d10	17.54	188	538903	20.84	ng/ul	0.00
78) Pyrene-d10	19.83	212	590172	22.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	700697	24.12	ng/ul	0.01

Target Compounds

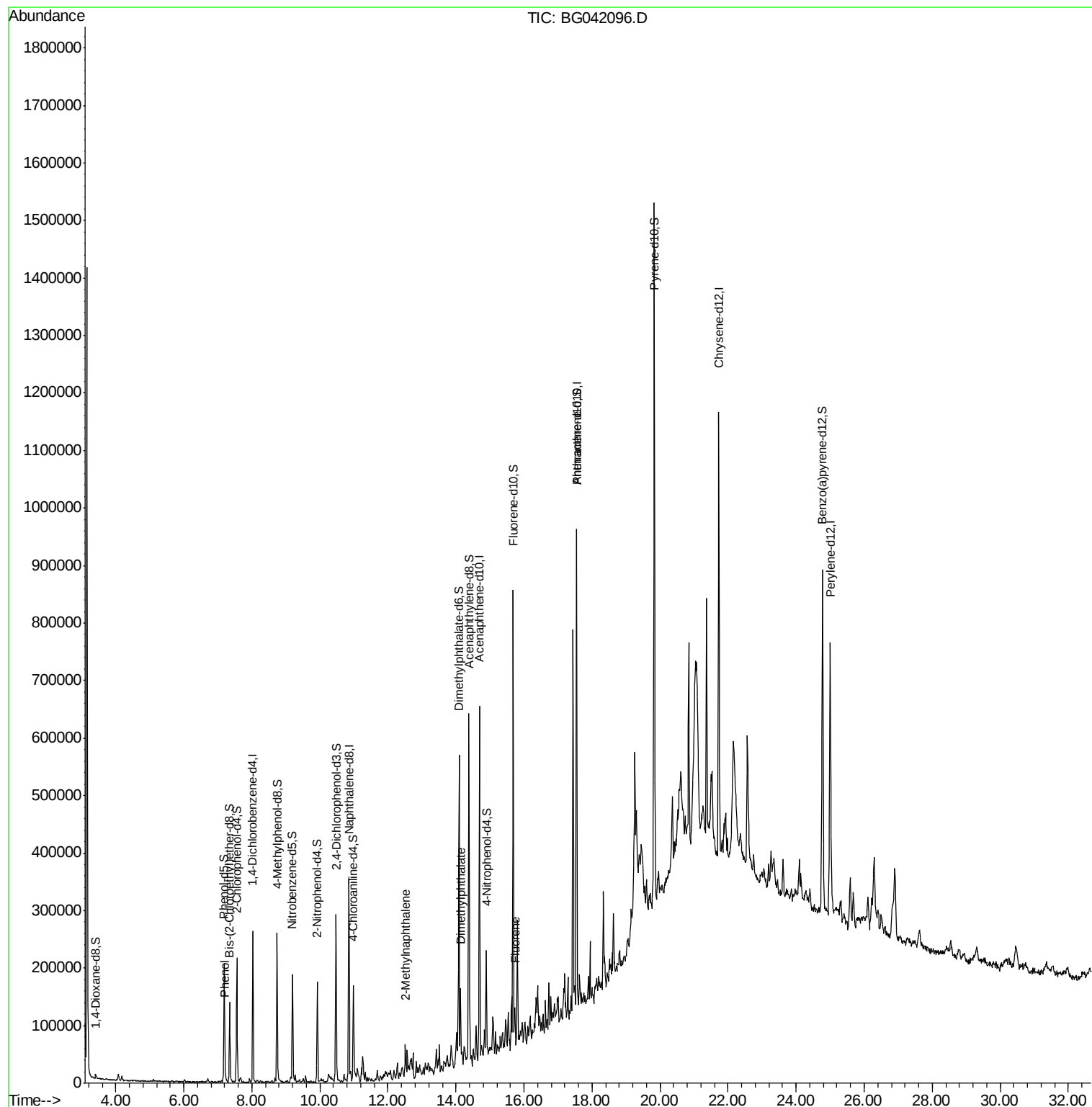
				Ovalue	
6) Phenol	7.21	94	8416	1.252	ng/ul# 91
34) 2-Methylnaphthalene	12.51	142	31760	2.333	ng/ul 98
44) Dimethylphthalate	14.14	163	93543	5.424	ng/ul 99
58) Fluorene	15.74	166	24129	1.434	ng/ul# 95

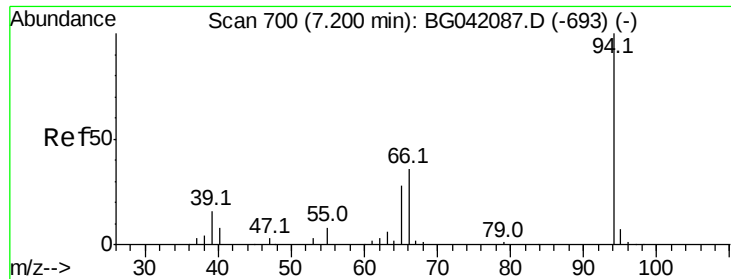
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.252 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042096.D

Acq: 9 Aug 2019 10:48

Instrument :

BNA_G

ClientSampleId :

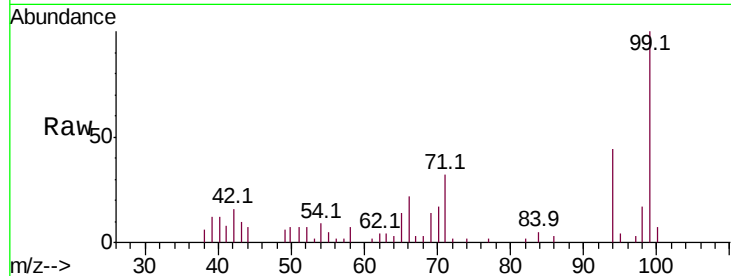
Tot Ion: 94 Resp: 8416

Ion Ratio Lower Upper

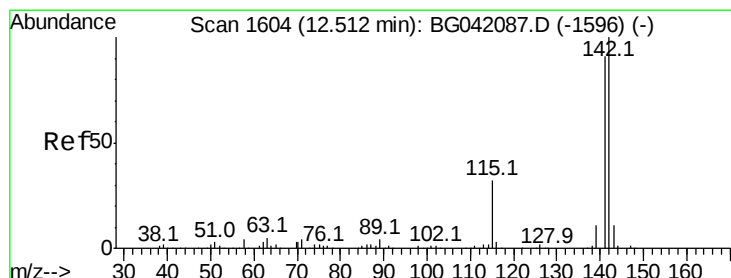
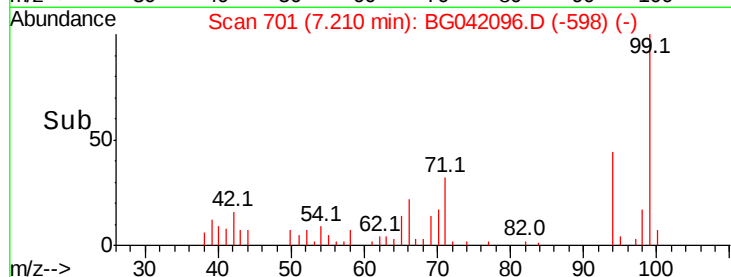
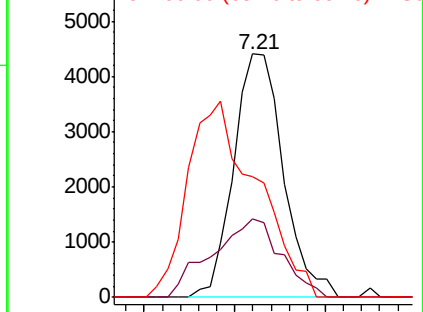
94 100

65 32.3 25.8 38.6

66 49.7 31.8 47.8#



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



#34

2-Methylnaphthalene

Concen: 2.333 ng/ul

RT: 12.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG042096.D

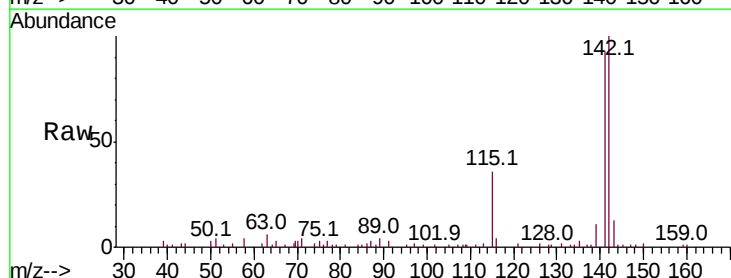
Acq: 9 Aug 2019 10:48

Tgt Ion:142 Resp: 31760

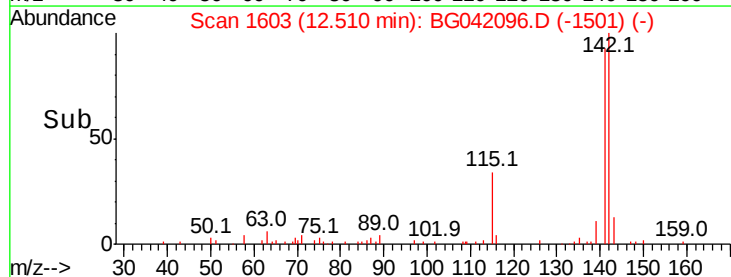
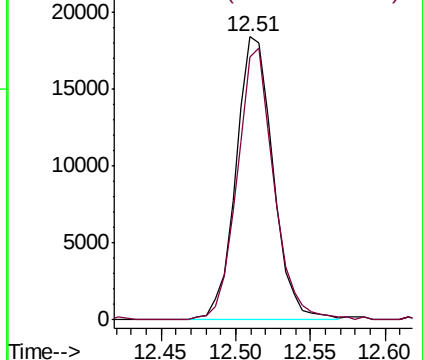
Ion Ratio Lower Upper

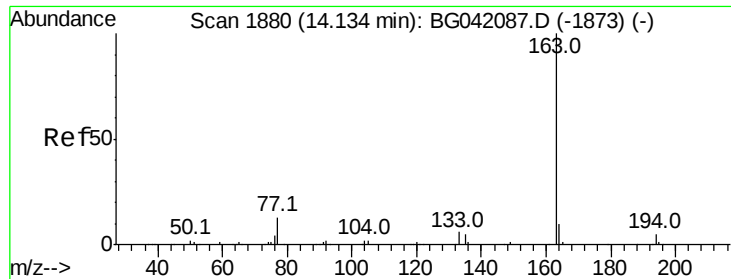
142 100

141 92.8 72.9 109.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

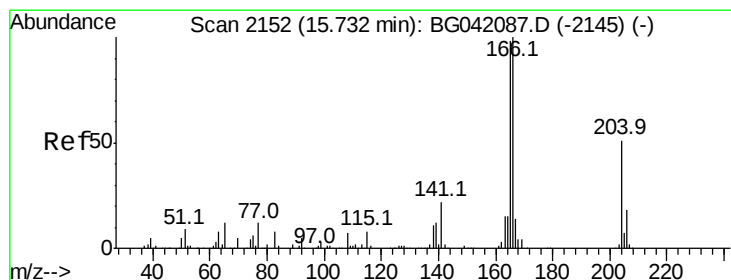
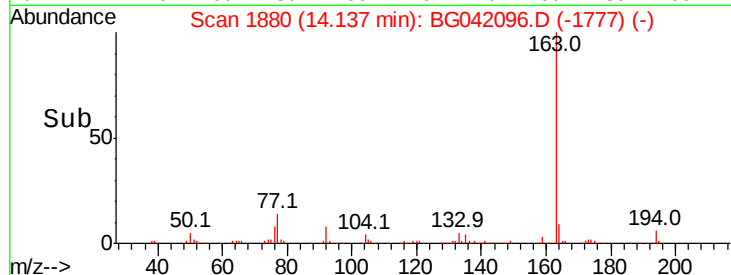
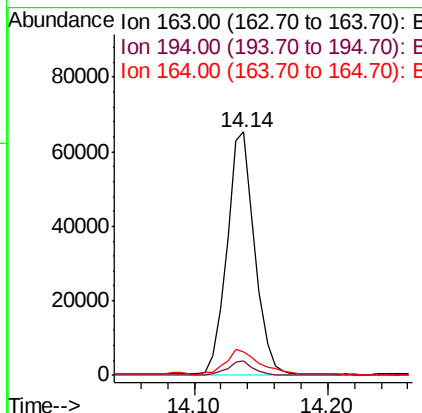
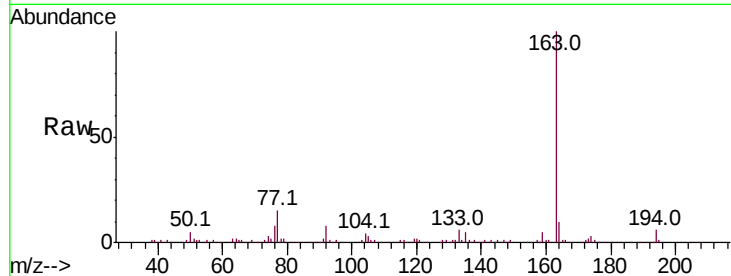




#44
Dimethylphthalate
Concen: 5.424 ng/ul
RT: 14.14 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042096.D
Acq: 9 Aug 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 93543
Ion Ratio Lower Upper
163 100
194 5.8 4.2 6.2
164 9.7 7.8 11.8



#58
Fluorene
Concen: 1.434 ng/ul
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042096.D
Acq: 9 Aug 2019 10:48

Tgt Ion:166 Resp: 24129
Ion Ratio Lower Upper
166 100
165 97.2 81.1 121.7
167 17.7 11.0 16.4#

