

Data File : BG042014.D
Acq On : 7 Aug 2019 2:08
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENY3

Quant Time: Aug 07 03:37:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	62965	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	265766	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	202947	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	493596	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	507001	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	589390	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5104	3.55	ng/uL	0.00
5) Phenol-d5	7.18	99	94159	19.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	54834	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	87945	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	68662	16.55	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	46540	23.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	56617	24.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	96904	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	121142	23.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	395353	25.12	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	419313	23.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	48746	18.44	ng/ul	0.00
57) Fluorene-d10	15.68	176	343329	24.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	59691	18.85	ng/ul	0.00
70) Anthracene-d10	17.53	188	582037	24.58	ng/ul	0.00
78) Pyrene-d10	19.82	212	681537	24.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	721730	23.44	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.20	94	9271	1.818	ng/ul#	92
44) Dimethylphthalate	14.13	163	165658	10.600	ng/ul	98
48) 3-Nitroaniline	14.08	138	21219	7.827	ng/ul#	65
54) 2,4-Dinitrotoluene	14.68	165	26612	5.384	ng/ul#	44

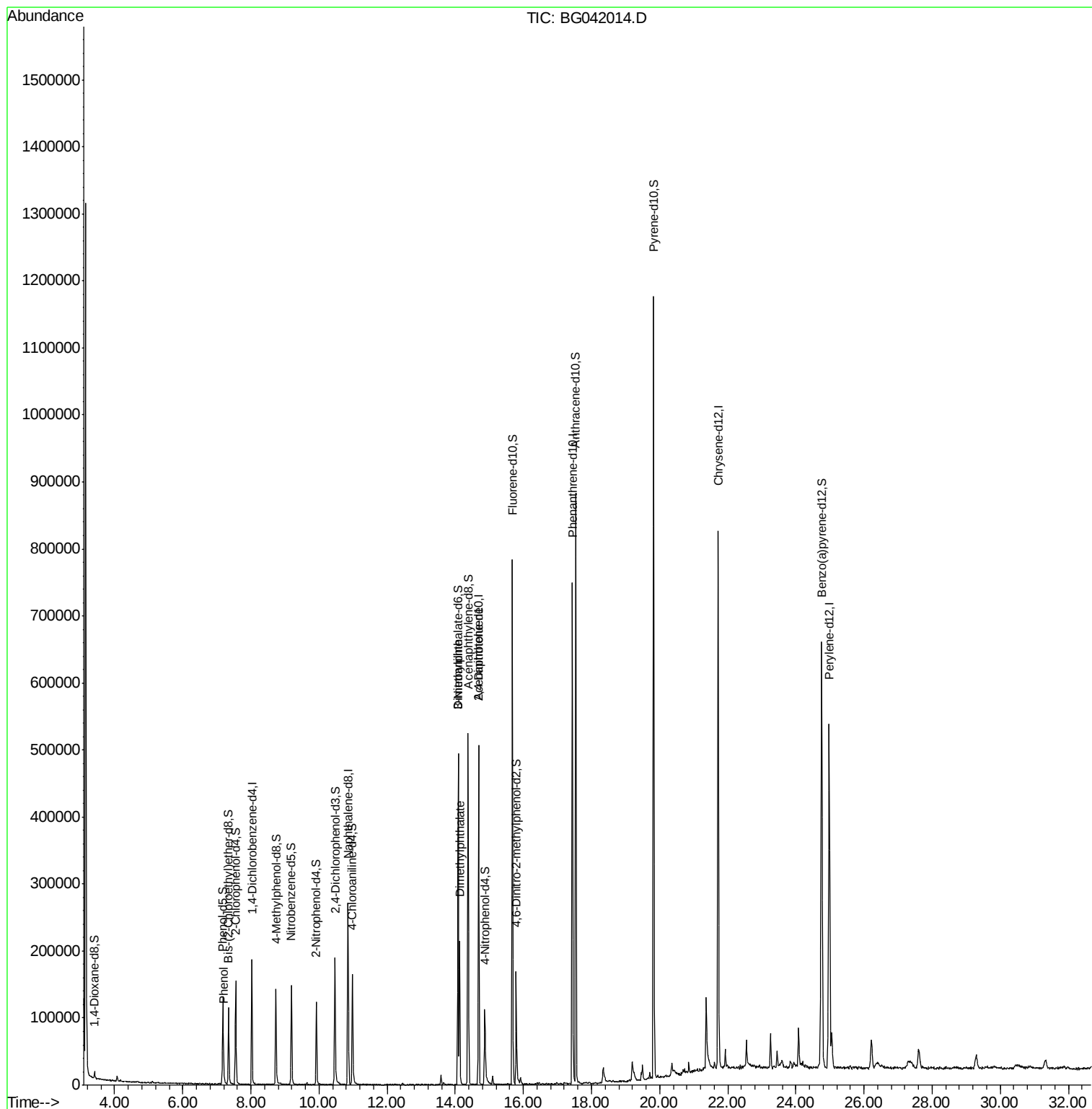
(#) = qualifier out of range (m) = manual integration (+) = signals summed

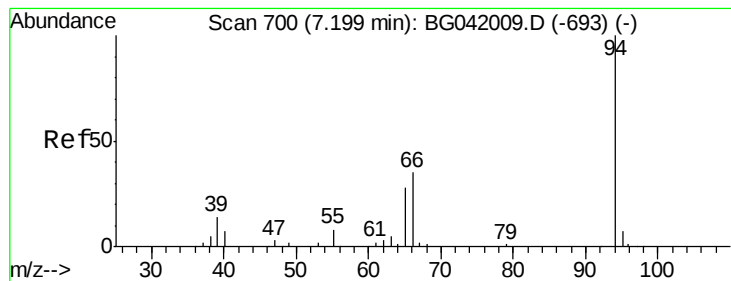
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#6

Phenol

Concen: 1.818 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG042014.D

Acq: 7 Aug 2019 2:08

Instrument :

BNA_G

ClientSampleId :

BENY3

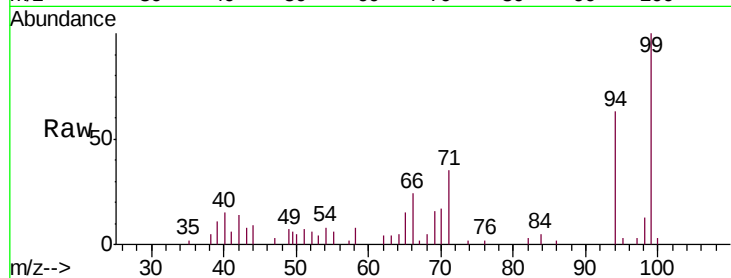
Tgt Ion: 94 Resp: 9271

Ion Ratio Lower Upper

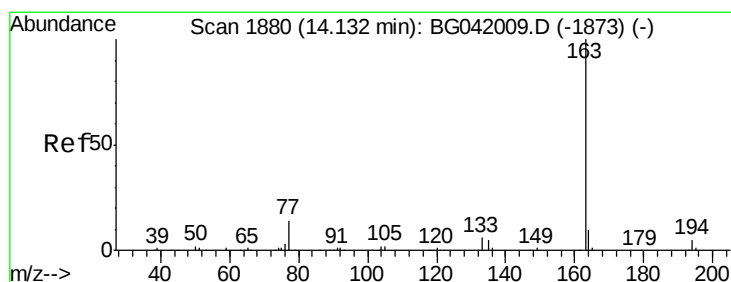
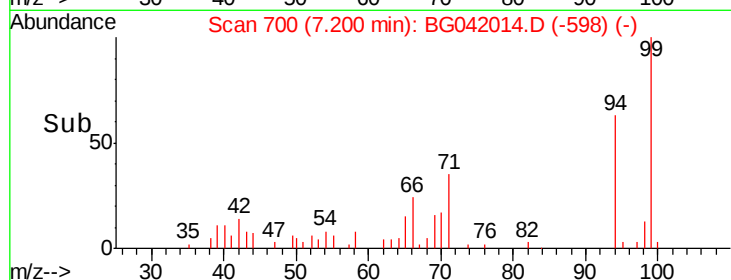
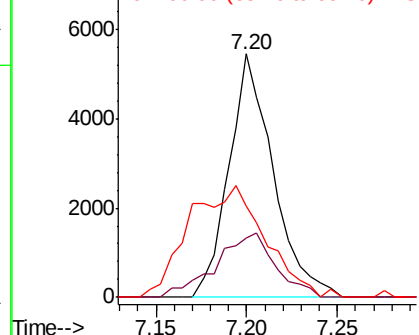
94 100

65 24.5 25.8 38.6#

66 37.3 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



#44

Dimethylphthalate

Concen: 10.600 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042014.D

Acq: 7 Aug 2019 2:08

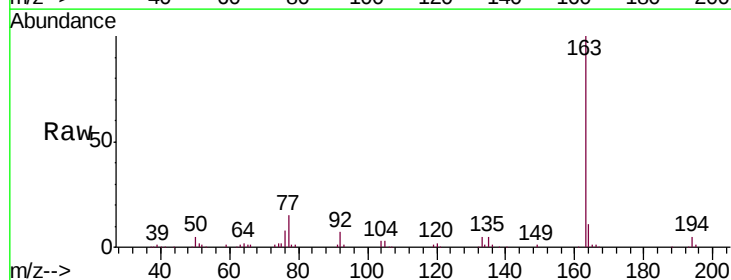
Tgt Ion: 163 Resp: 165658

Ion Ratio Lower Upper

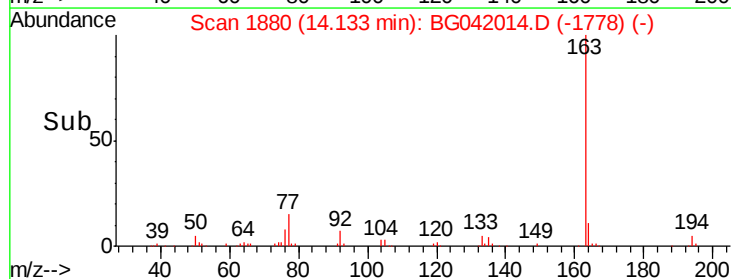
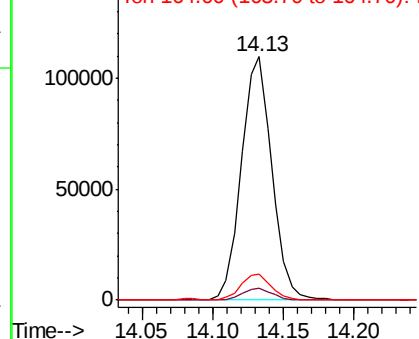
163 100

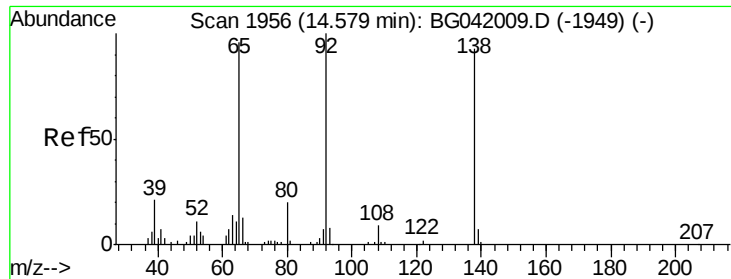
194 4.8 4.2 6.2

164 10.6 7.8 11.8



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





#48

3-Nitroaniline

Concen: 7.827 ng/ul

RT: 14.08 min Scan# 1871

Delta R.T. -0.50 min

Lab File: BG042014.D

Acq: 7 Aug 2019 2:08

Instrument :

BNA_G

ClientSampled :

BENY3

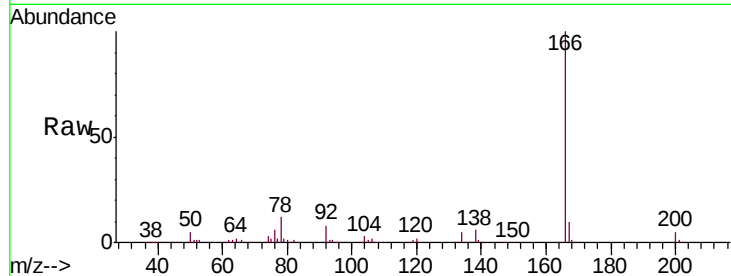
Tgt Ion:138 Resp: 21219

Ion Ratio Lower Upper

138 100

108 1.6 7.6 11.4#

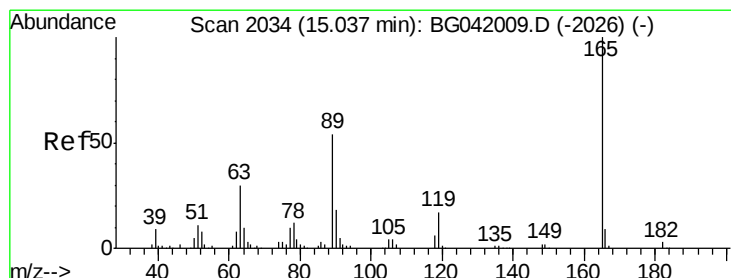
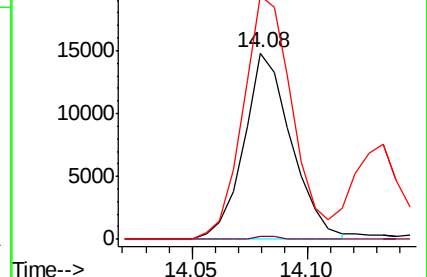
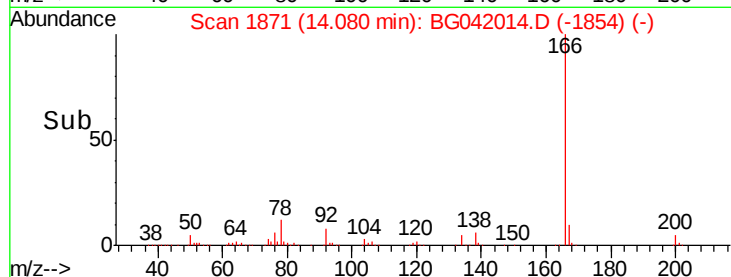
92 130.6 76.4 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrotoluene

Concen: 5.384 ng/ul

RT: 14.68 min Scan# 1974

Delta R.T. -0.35 min

Lab File: BG042014.D

Acq: 7 Aug 2019 2:08

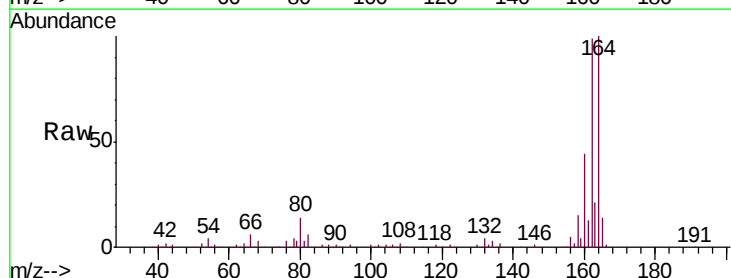
Tgt Ion:165 Resp: 26612

Ion Ratio Lower Upper

165 100

63 1.3 29.4 44.2#

182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

