

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042208.D
 Acq On : 14 Aug 2019 13:52
 Operator : HP/JU
 Sample : K4304-14
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P5

Quant Time: Aug 14 16:48:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	89475	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	371086	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	252702	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	519566	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	517663	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	593988	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	9887	4.83	ng/uL	0.00
5) Phenol-d5	7.18	99	205302	29.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	102181	26.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	187550	31.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	176090	29.87	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	91360	32.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	115799	35.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	207769	31.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	253300	34.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	599014	30.56	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	710600	31.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	85438	25.96	ng/ul	0.00
57) Fluorene-d10	15.68	176	528446	30.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	79536	23.86	ng/ul	0.00
70) Anthracene-d10	17.54	188	786709	31.56	ng/ul	0.00
78) Pyrene-d10	19.83	212	872585	30.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1002583	32.31	ng/ul	0.00

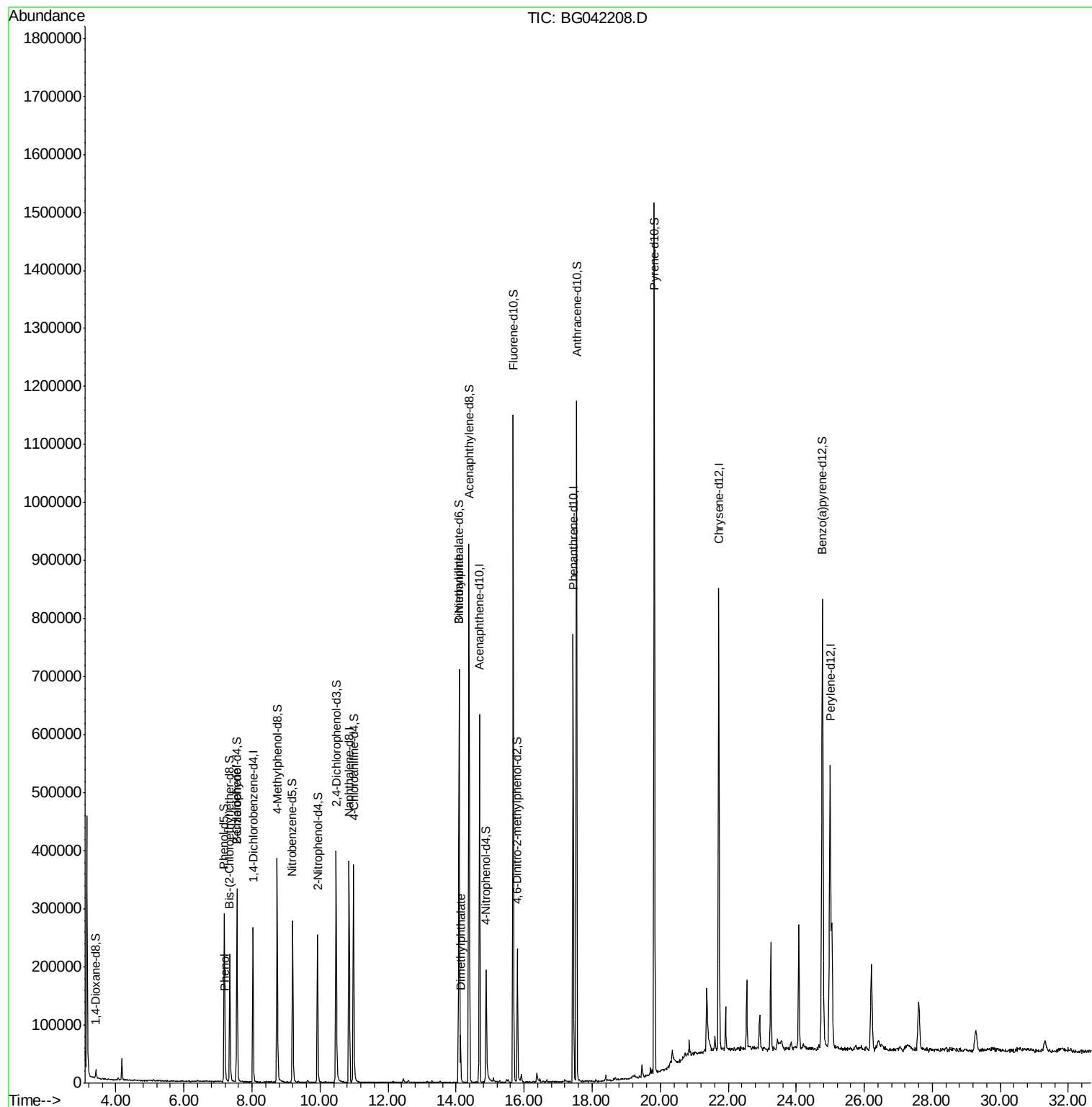
Target Compounds				Ovalue		
4) Benzaldehyde	7.56	77	3617	1.090	ng/ul	94
6) Phenol	7.21	94	8987	1.240	ng/ul	95
44) Dimethylphthalate	14.13	163	60221	3.095	ng/ul	99
48) 3-Nitroaniline	14.09	138	33876	10.036	ng/ul#	69

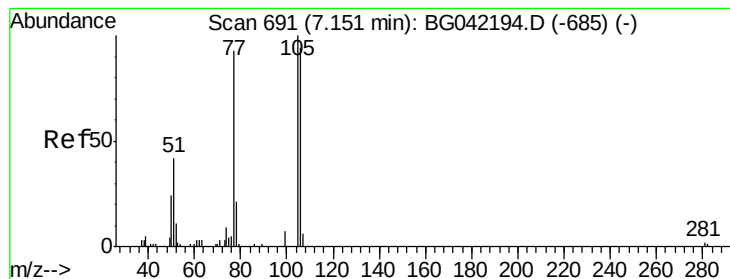
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.090 ng/ul

RT: 7.56 min Scan# 761

Delta R.T. 0.41 min

Lab File: BG042208.D

Acq: 14 Aug 2019 13:52

Instrument :

BNA_G

ClientSampled :

CB5P5

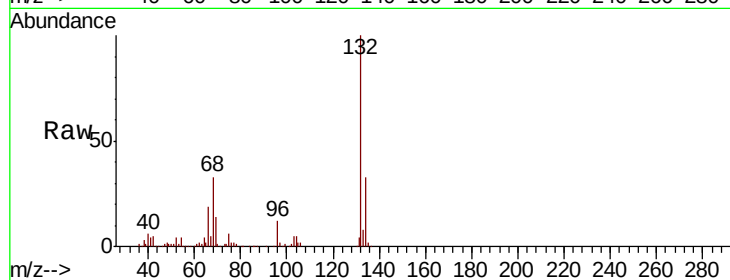
Tot Ion: 77 Resp: 3617

Ion Ratio Lower Upper

77 100

105 97.9 80.7 121.1

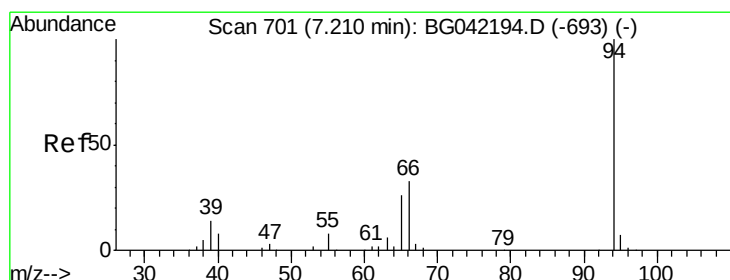
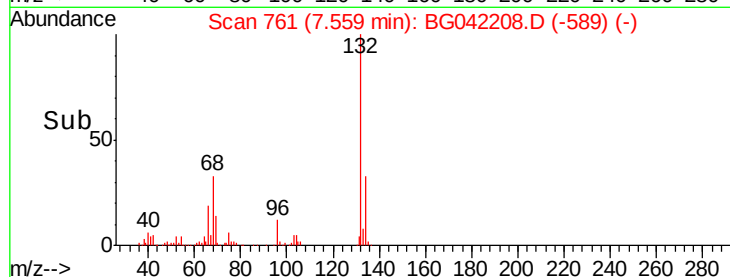
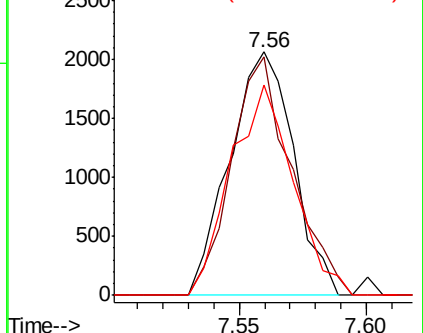
106 86.5 76.3 114.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 1.240 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG042208.D

Acq: 14 Aug 2019 13:52

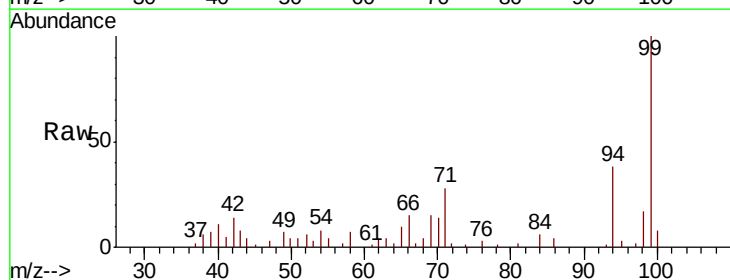
Tgt Ion: 94 Resp: 8987

Ion Ratio Lower Upper

94 100

65 26.1 25.8 38.6

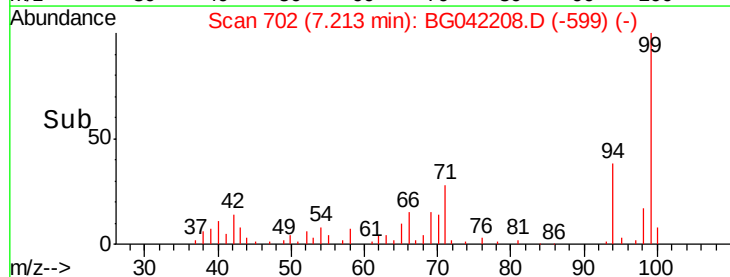
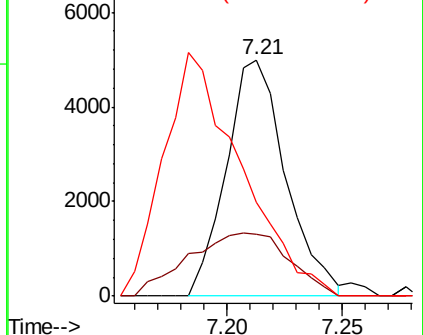
66 39.8 31.8 47.8

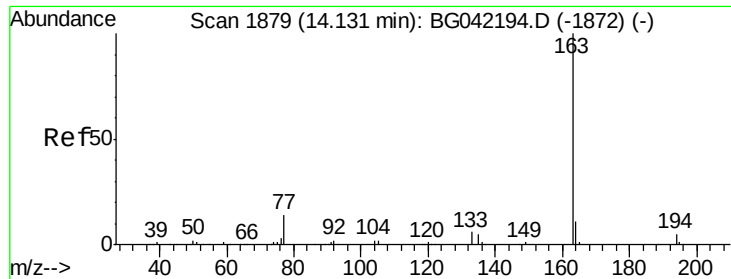


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

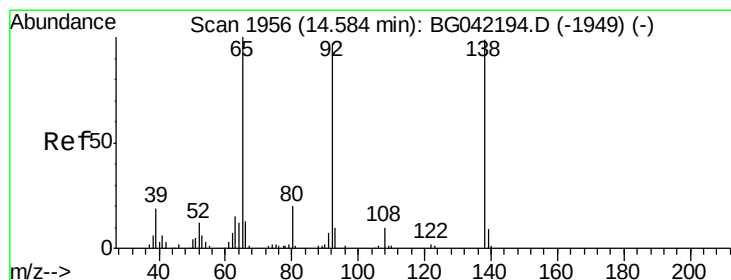
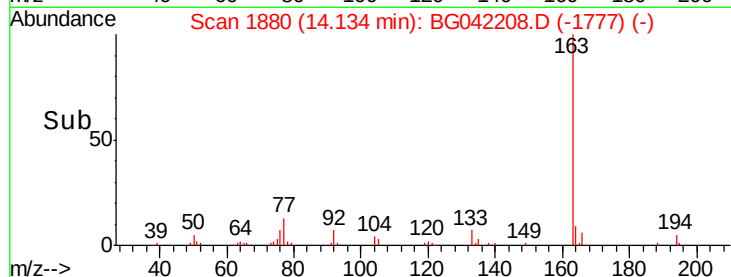
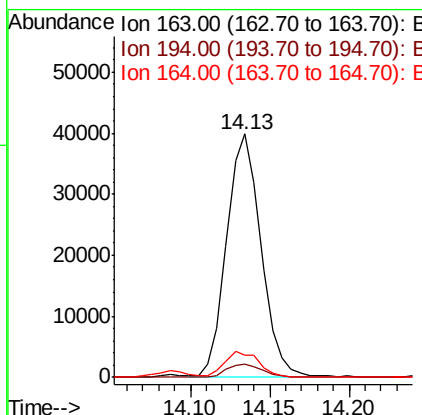
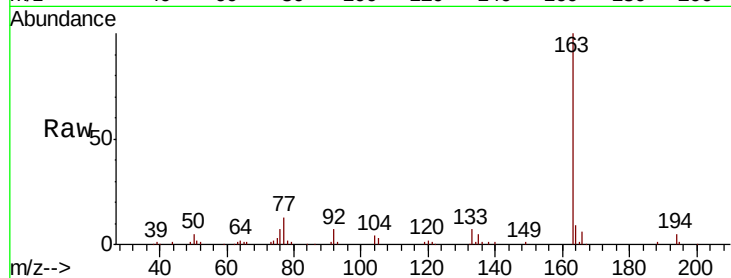




#44
Dimethylphthalate
Concen: 3.095 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042208.D
Acq: 14 Aug 2019 13:52

Instrument :
BNA_G
ClientSampled :
CB5P5

Tot Ion:163 Resp: 60221
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.2
164 9.3 7.8 11.8



#48
3-Nitroaniline
Concen: 10.036 ng/ul
RT: 14.09 min Scan# 1872
Delta R.T. -0.50 min
Lab File: BG042208.D
Acq: 14 Aug 2019 13:52

Tgt Ion:138 Resp: 33876
Ion Ratio Lower Upper
138 100
108 1.9 7.6 11.4#
92 126.3 76.4 114.6#

