

Data File : BG042054.D
Acq On : 8 Aug 2019 6:24
Operator : HP/JU
Sample : K4116-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JLLE6

Quant Time: Aug 08 08:38:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 08:35:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	86848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	358931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	255615	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	549871	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	544224	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	632604	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4204	2.12	ng/uL	0.00
5) Phenol-d5	7.18	99	88570	13.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	51109	13.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	86118	14.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	63669	11.13	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	44031	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	52102	16.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	98202	15.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	104031	14.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	327802	16.53	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	379415	16.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	37671	11.32	ng/ul	0.00
57) Fluorene-d10	15.68	176	291157	16.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	42498	12.05	ng/ul	0.00
70) Anthracene-d10	17.53	188	467733	17.73	ng/ul	0.00
78) Pyrene-d10	19.82	212	534760	17.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	596760	18.06	ng/ul	0.00

Target Compounds

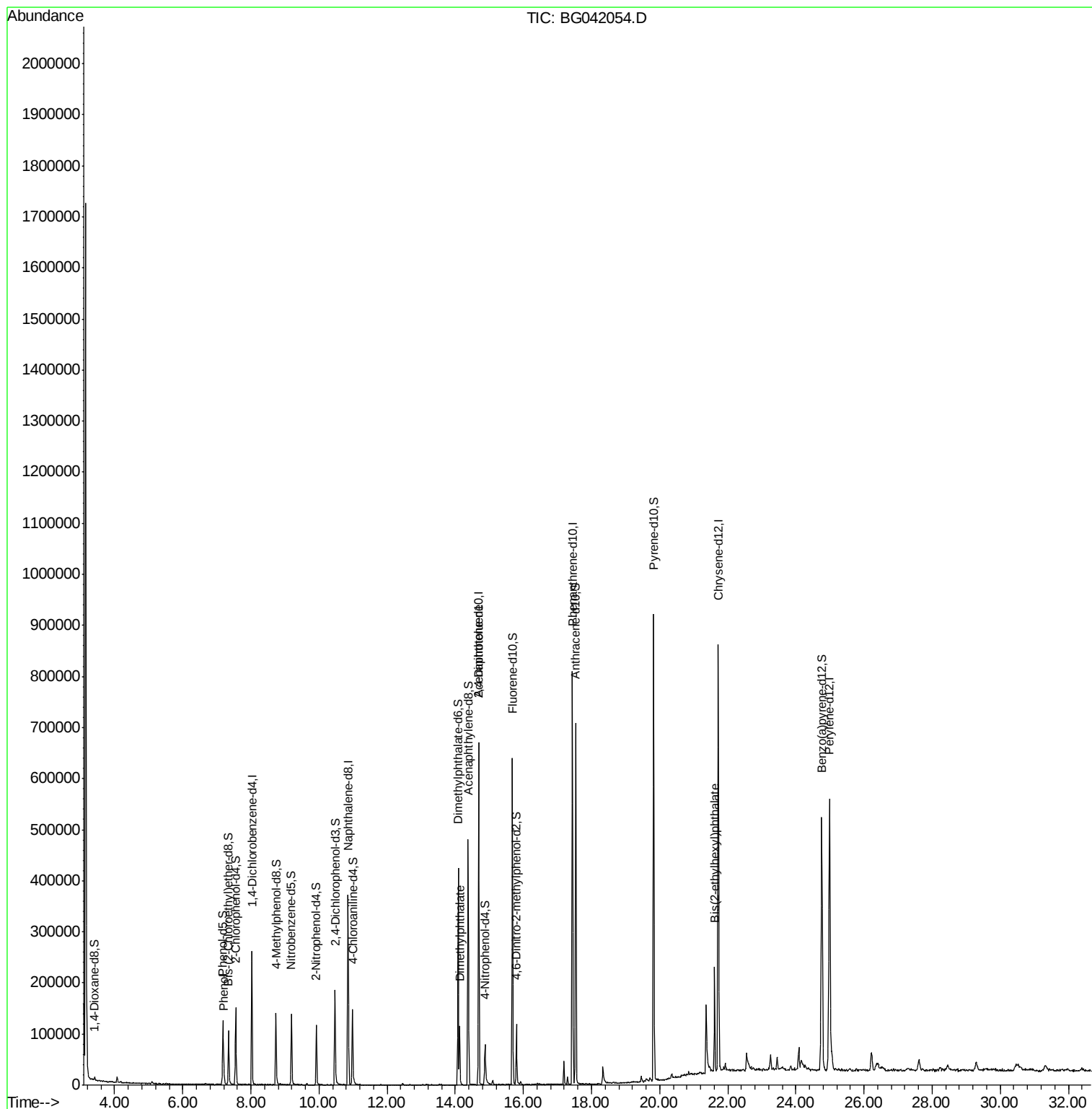
					Qvalue
6) Phenol	7.21	94	20596	2.928 ng/ul	97
44) Dimethylphthalate	14.13	163	86719	4.406 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	33781	5.426 ng/ul#	44
83) Bis(2-ethylhexyl)phthalate	21.61	149	96306	4.899 ng/ul	97

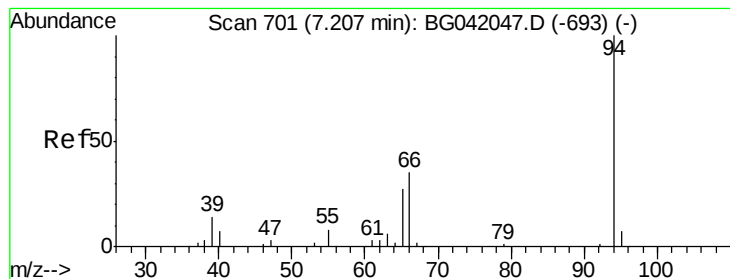
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.928 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

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BNA_G

ClientSampleID :

JLLE6

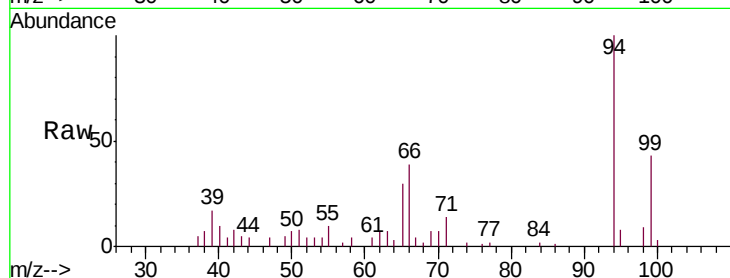
Tgt Ion: 94 Resp: 20596

Ion Ratio Lower Upper

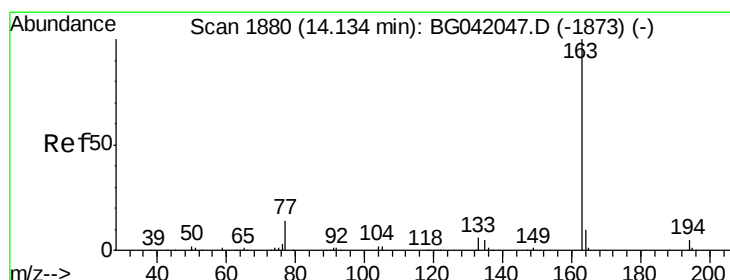
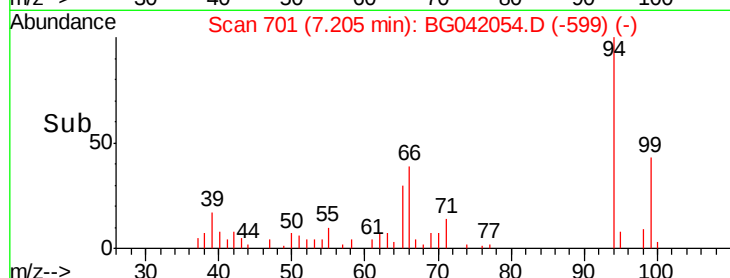
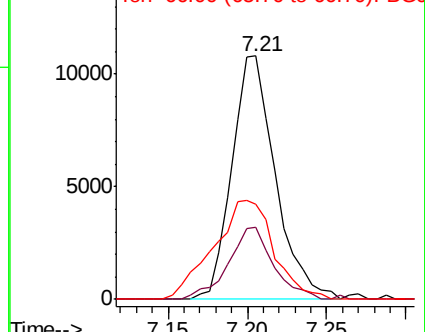
94 100

65 29.7 25.8 38.6

66 39.1 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: 4.406 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG042054.D

Acq: 8 Aug 2019 6:24

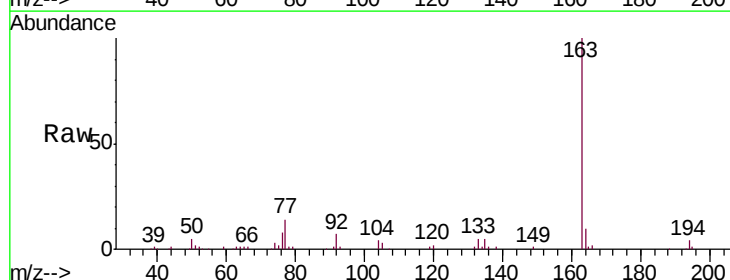
Tgt Ion: 163 Resp: 86719

Ion Ratio Lower Upper

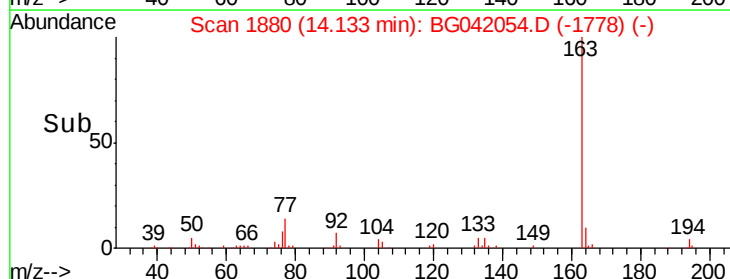
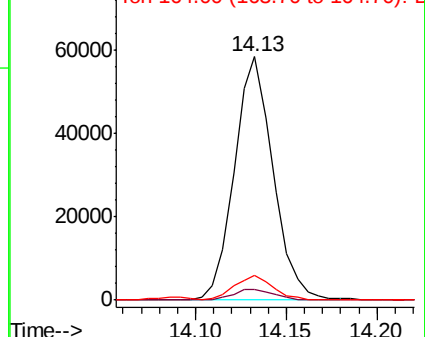
163 100

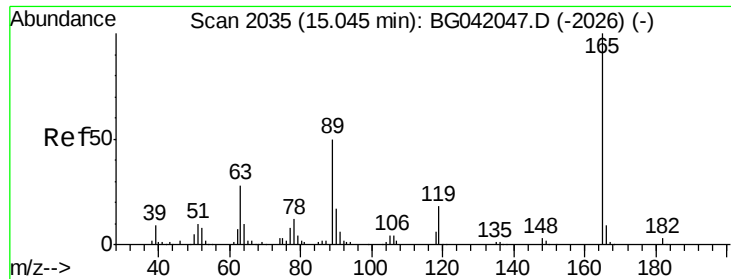
194 4.2 4.2 6.2

164 10.2 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

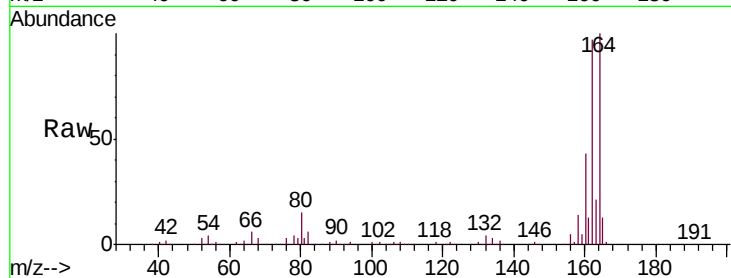




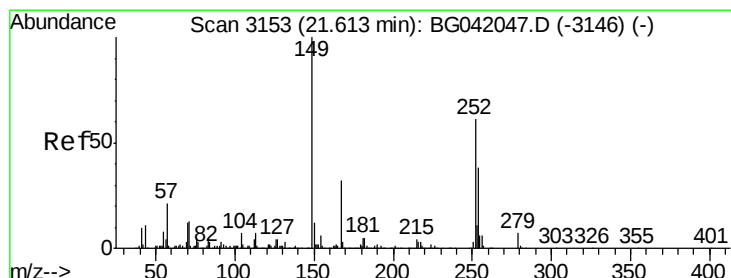
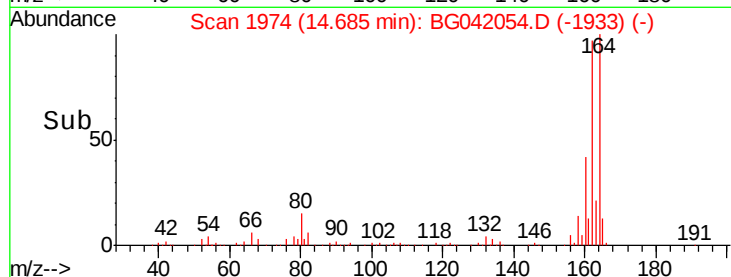
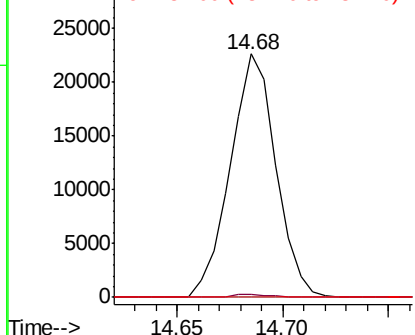
#54
 2,4-Dinitrotoluene
 Concen: 5.426 ng/ul
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.36 min
 Lab File: BG042054.D
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Tgt Ion:165 Resp: 33781
 Ion Ratio Lower Upper
 165 100
 63 1.3 29.4 44.2#
 182 0.0 2.6 4.0#

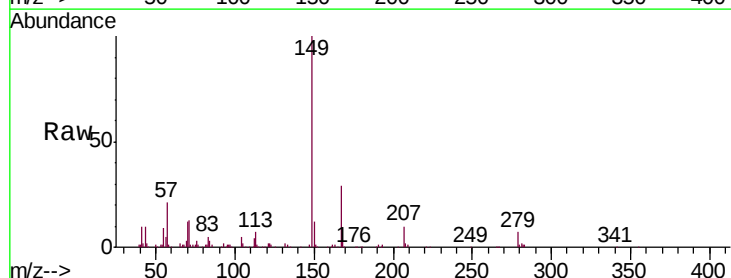


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.899 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG042054.D
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Tgt Ion:149 Resp: 96306
 Ion Ratio Lower Upper
 149 100
 167 29.2 25.0 37.4
 279 6.6 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

