

Data File : BG042148.D
Acq On : 12 Aug 2019 16:26
Operator : HP/JU
Sample : PB122163BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK63

Quant Time: Aug 13 04:50:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	83456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	346361	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	238390	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	505645	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	512890	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	532588	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	10686	5.60	ng/uL	0.00
5) Phenol-d5	7.18	99	214178	32.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	104912	28.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	189087	33.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	176575	32.11	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	93728	35.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	113892	37.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	209241	34.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	259498	38.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	633456	34.26	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	736185	34.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	88135	28.39	ng/ul	0.00
57) Fluorene-d10	15.68	176	560535	34.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	84409	26.02	ng/ul	0.00
70) Anthracene-d10	17.53	188	861609	35.52	ng/ul	0.00
78) Pyrene-d10	19.82	212	969748	33.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1036692	37.26	ng/ul	0.00

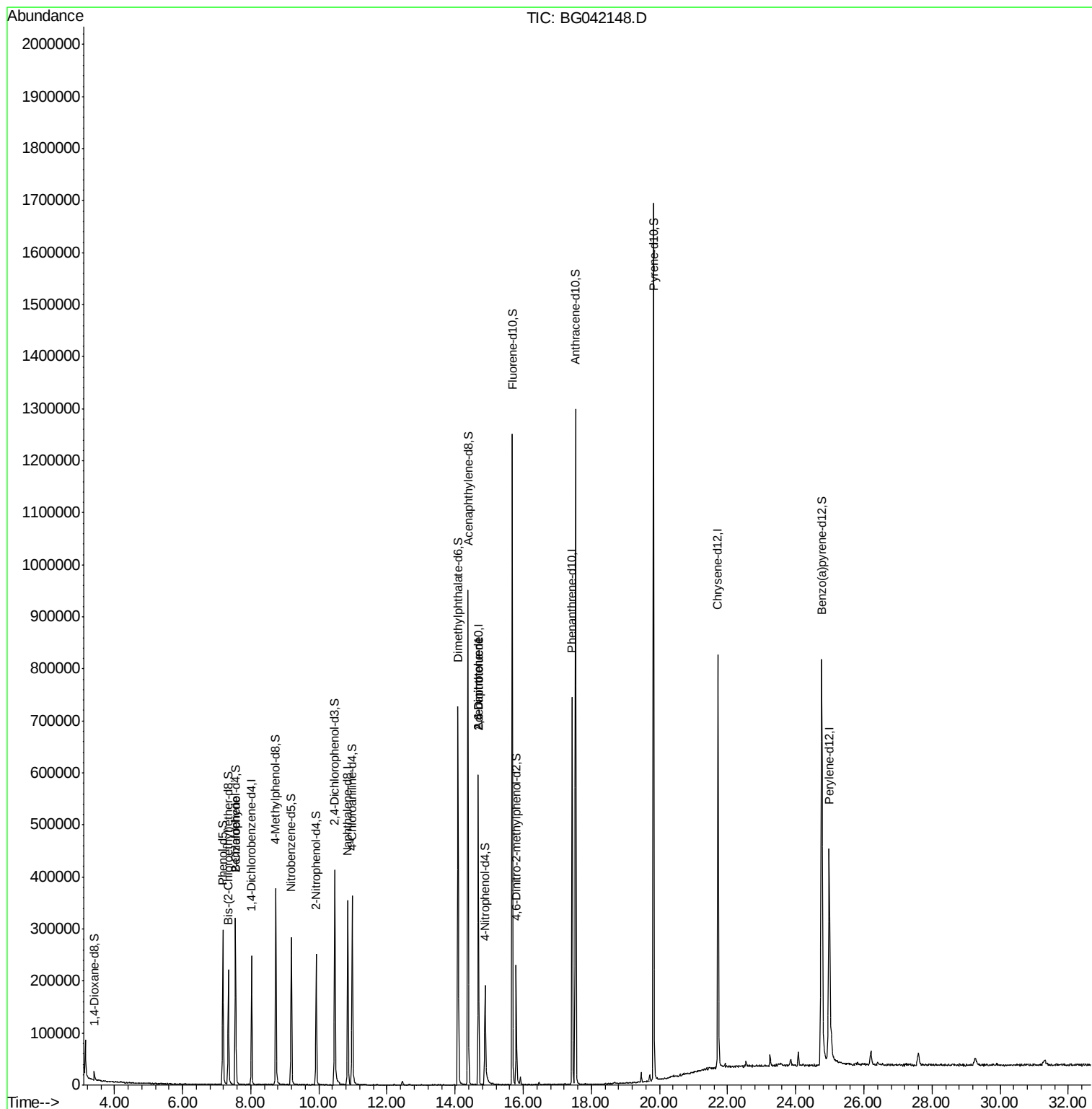
Target Compounds				Qvalue		
4) Benzaldehyde	7.55	77	3759	1.215	ng/ul#	76
45) 2,6-Dinitrotoluene	14.68	165	31095	7.787	ng/ul#	41
54) 2,4-Dinitrotoluene	14.68	165	31095	5.356	ng/ul#	42

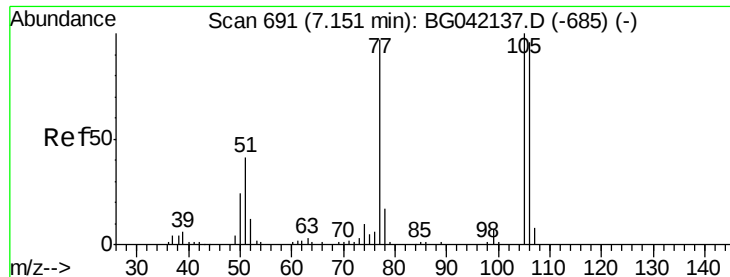
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.215 ng/ul

RT: 7.55 min Scan# 759

Delta R.T. 0.40 min

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Acq: 12 Aug 2019 16:26

Instrument :

BNA_G

ClientSampleId :

SBLK63

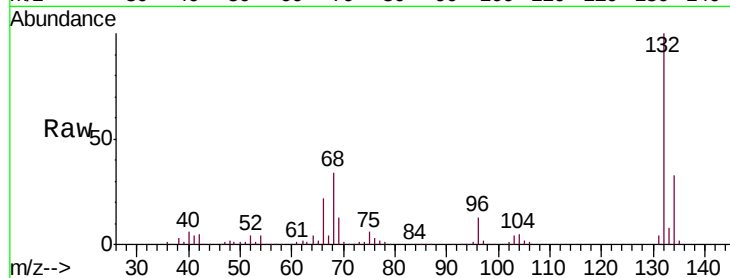
Tgt Ion: 77 Resp: 3759

Ion Ratio Lower Upper

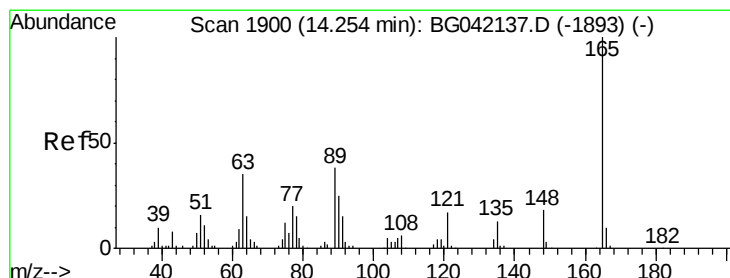
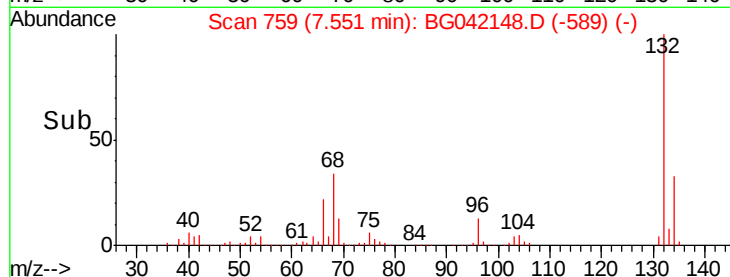
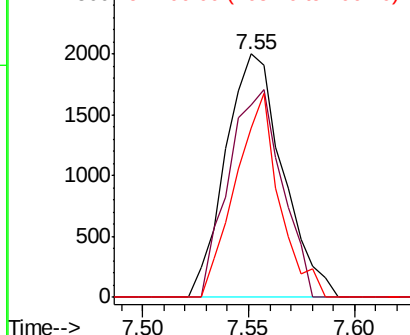
77 100

105 79.0 80.7 121.1#

106 69.7 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



#45

2,6-Dinitrotoluene

Concen: 7.787 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.43 min

Lab File: BG042148.D

Acq: 12 Aug 2019 16:26

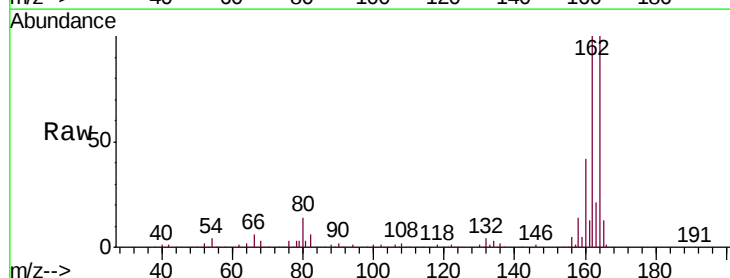
Tgt Ion: 165 Resp: 31095

Ion Ratio Lower Upper

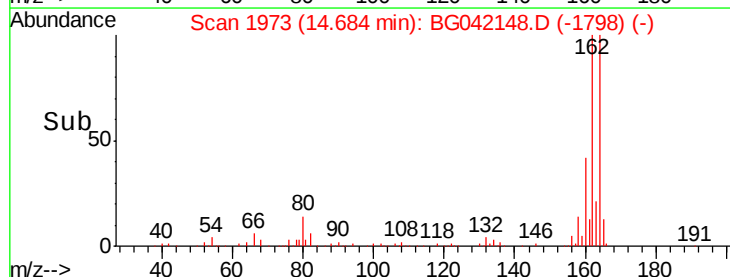
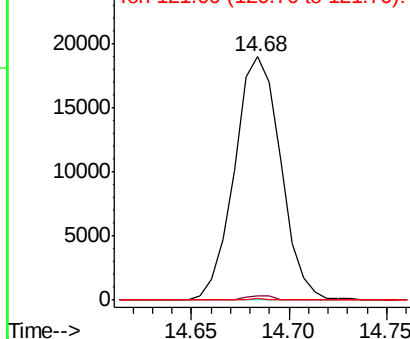
165 100

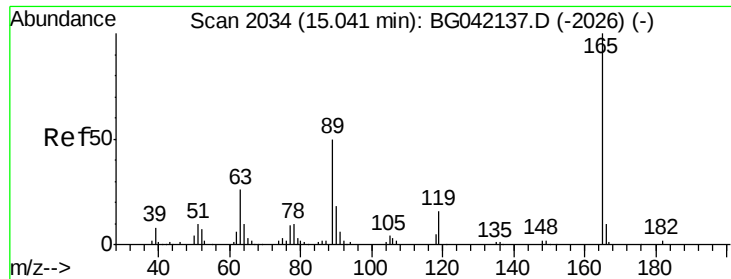
89 1.7 36.8 55.2#

121 0.8 15.6 23.4#



Abundance Ion 165.00 (164.70 to 165.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 121.00 (120.70 to 121.70): BGC

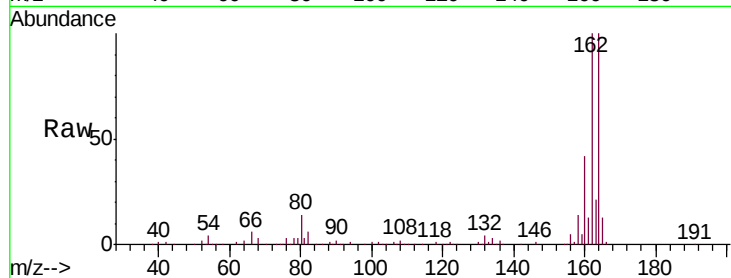




#54
 2,4-Dinitrotoluene
 Concen: 5.356 ng/ul
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.36 min
 Lab File: BG042148.D
 Acq: 12 Aug 2019 16:26

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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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): BG0
 Ion 182.00 (181.70 to 182.70): E

