

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
 Data File : BG018908.D
 Acq On : 26 Sep 2015 12:07
 Operator : UM/NP
 Sample : G3797-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G27

Quant Time: Sep 28 00:53:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 00:51:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	47128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	202009	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	129501	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	356147	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	443267	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	452721	20.00	ng/ul	0.00

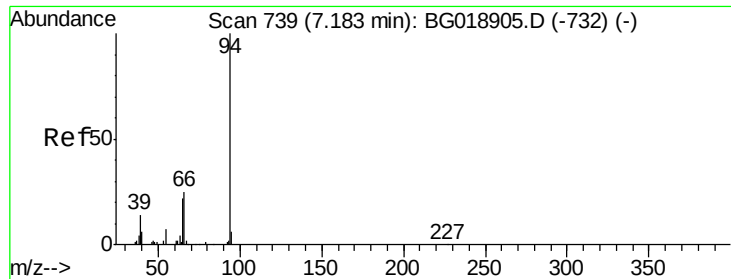
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	1204	1.23	ng/uL	0.00
5) Phenol-d5	7.16	99	29782	7.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	67264	29.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	84219	28.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	57947	18.45	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	50007	32.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	54763	35.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	105977	32.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	83	0.02	ng/ul	-0.12
44) Dimethylphthalate-d6	14.02	166	352298	33.80	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	297917	24.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	14817	7.41	ng/ul	0.00
58) Fluorene-d10	15.60	176	174694	19.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	42904	25.45	ng/ul	0.00
71) Anthracene-d10	17.45	188	104797	6.68	ng/ul	0.00
79) Pyrene-d10	19.74	212	285002	13.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	206491	9.37	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.19	94	17083	4.27	ng/ul	91
14) Acetophenone	8.81	105	5550	1.16	ng/ul#	89
45) Dimethylphthalate	14.07	163	55629	5.51	ng/ul	100
46) 2,6-Dinitrotoluene	14.14	165	2651	1.30	ng/ul#	51
57) Diethylphthalate	15.42	149	630515	60.05	ng/ul	97
76) Di-n-butylphthalate	18.31	149	33068	1.62	ng/ul#	96

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



#6

Phenol

Concen: 4.27 ng/ul

RT: 7.19 min Scan# 741

Delta R.T. 0.01 min

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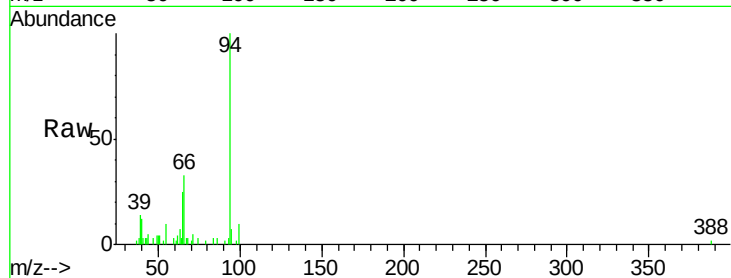
Tot Ion: 94 Resp: 17083

Ion Ratio Lower Upper

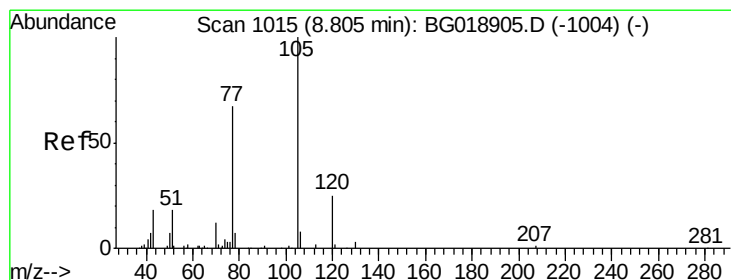
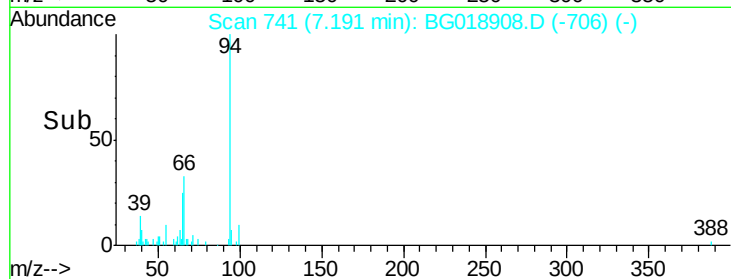
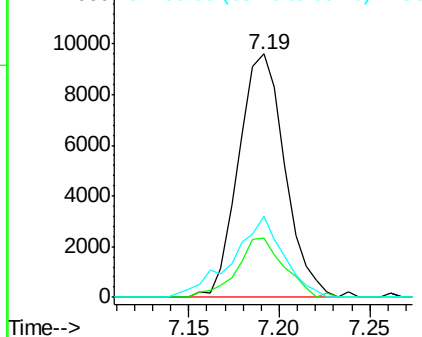
94 100

65 24.6 23.0 34.6

66 33.1 31.0 46.4



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



#14

Acetophenone

Concen: 1.16 ng/ul

RT: 8.81 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BG018908.D

Acq: 26 Sep 2015 12:07

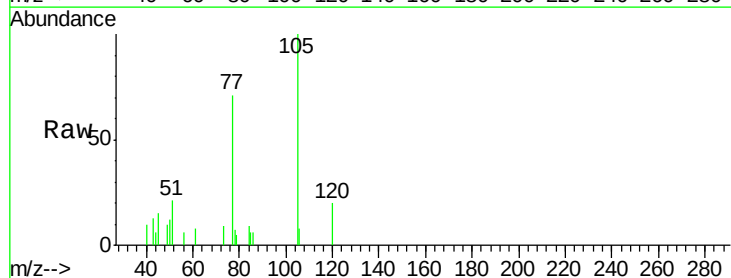
Tgt Ion: 105 Resp: 5550

Ion Ratio Lower Upper

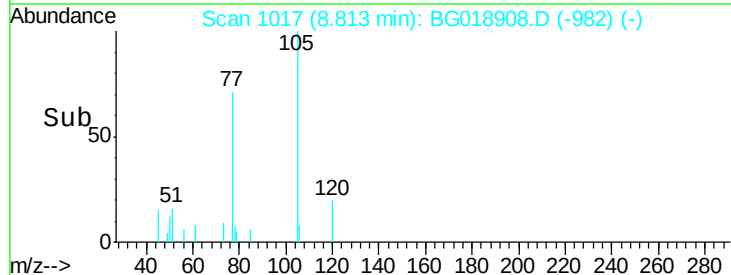
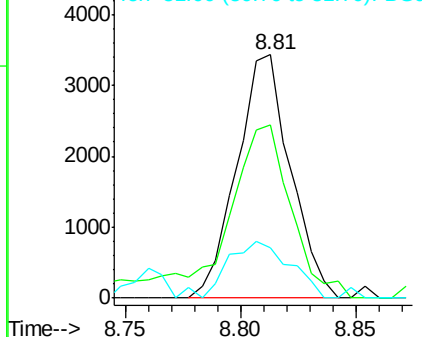
105 100

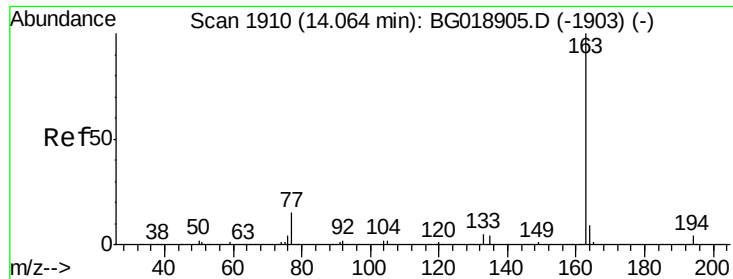
77 71.2 61.9 92.9

51 20.9 25.5 38.3#



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#45

Dimethylphthalate

Concen: 5.51 ng/ul

RT: 14.07 min Scan# 1911

Delta R.T. 0.00 min

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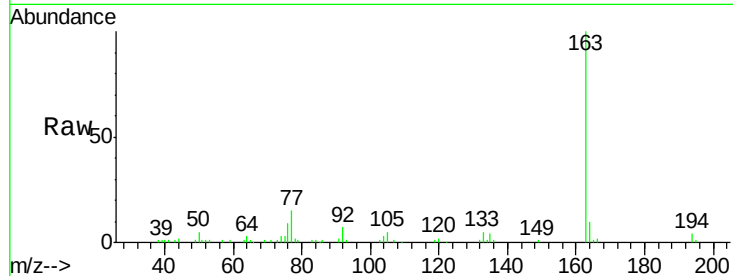
Tot Ion:163 Resp: 55629

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

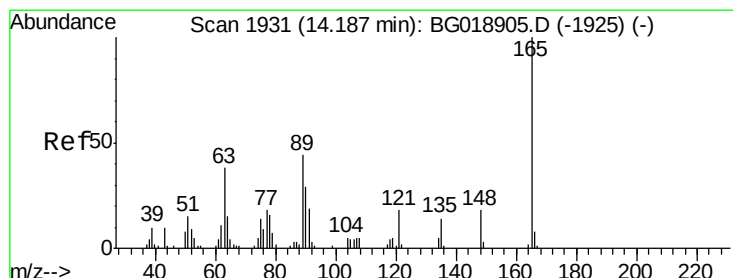
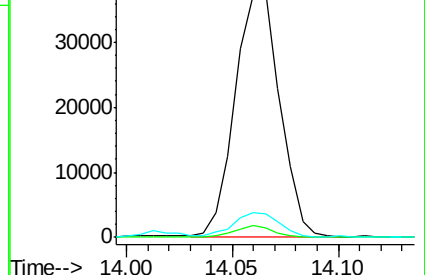
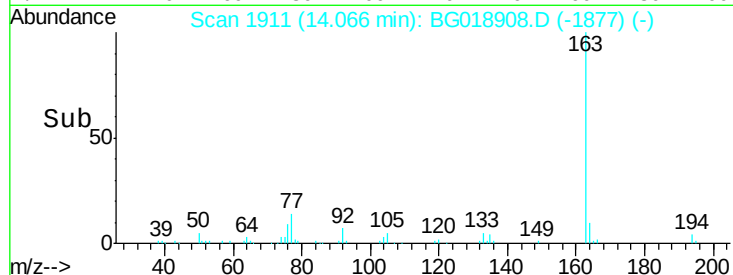
164 9.6 7.7 11.5



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



#46

2,6-Dinitrotoluene

Concen: 1.30 ng/ul

RT: 14.14 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG018908.D

Acq: 26 Sep 2015 12:07

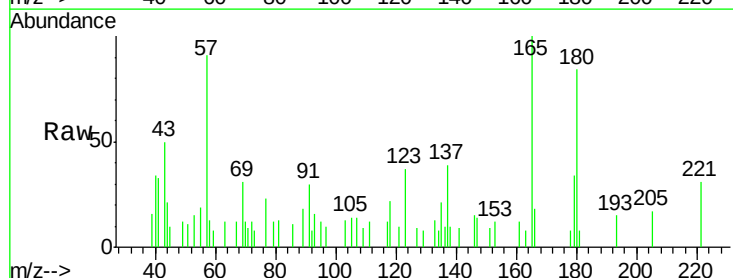
Tgt Ion:165 Resp: 2651

Ion Ratio Lower Upper

165 100

89 18.0 50.2 75.2#

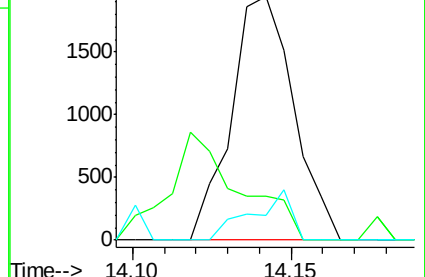
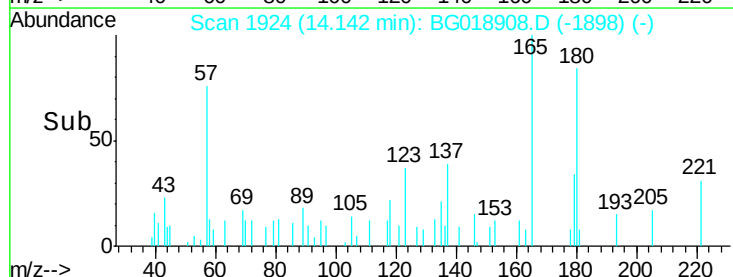
121 10.3 19.4 29.2#

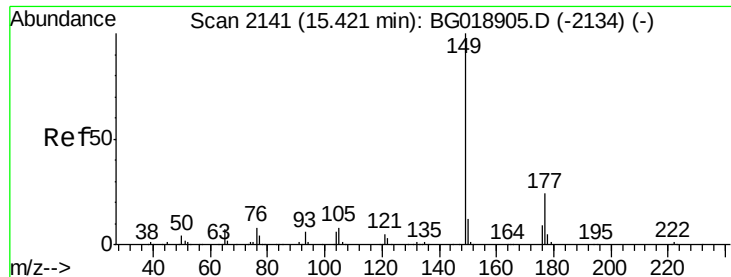


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#57

Diethylphthalate

Concen: 60.05 ng/ul

RT: 15.42 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG018908.D

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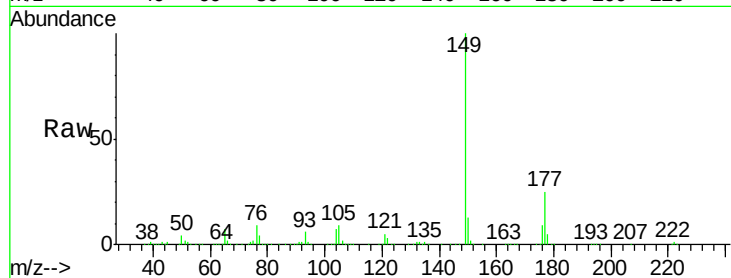
Tot Ion:149 Resp: 630515

Ion Ratio Lower Upper

149 100

177 24.6 18.2 27.4

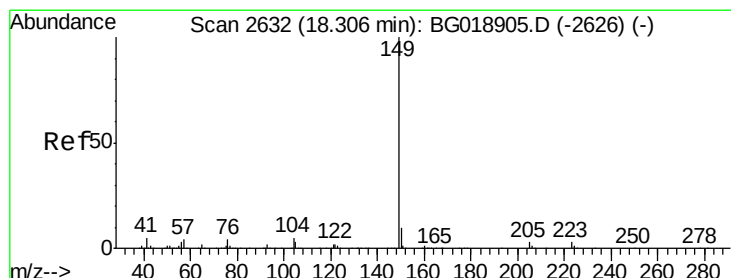
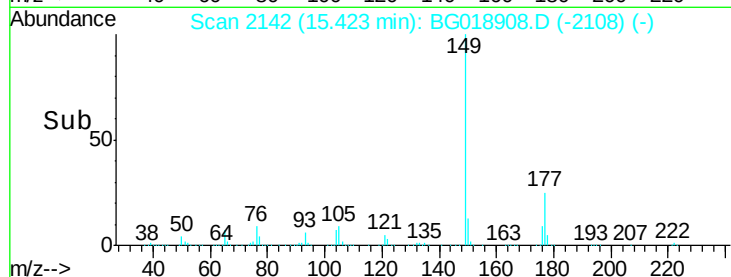
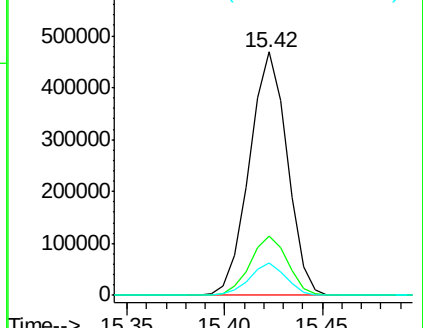
150 13.3 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#76

Di-n-butylphthalate

Concen: 1.62 ng/ul

RT: 18.31 min Scan# 2633

Delta R.T. 0.00 min

Lab File: BG018908.D

Acq: 26 Sep 2015 12:07

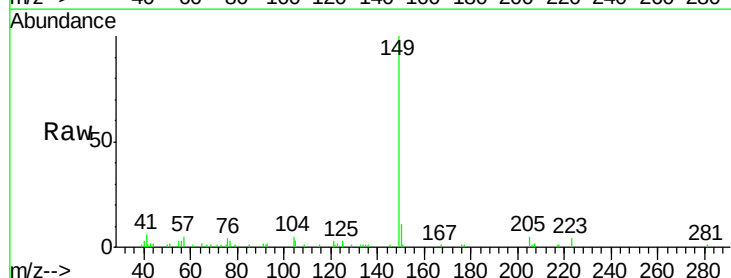
Tgt Ion:149 Resp: 33068

Ion Ratio Lower Upper

149 100

150 11.4 7.5 11.3#

104 4.7 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

