

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091615\
 Data File : BG018707.D
 Acq On : 16 Sep 2015 14:26
 Operator : TP
 Sample : G3641-13DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN0DL

Quant Time: Sep 17 02:26:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 17 02:24:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	52468	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	229897	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	166443	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	386765	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	397503	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	400271	20.00	ng/ul	-0.01

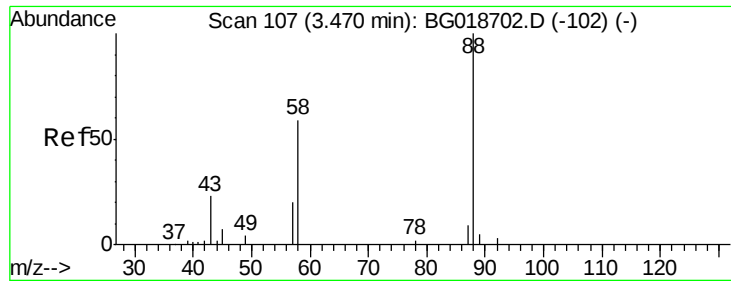
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	675	0.62	ng/uL	0.00
5) Phenol-d5	7.16	99	15018	3.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	31248	12.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	34679	10.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	27262	7.80	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	23460	13.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	24209	13.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	50514	13.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	8465	1.97	ng/ul	-0.01
44) Dimethylphthalate-d6	14.03	166	172551	12.88	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	216727	13.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	8131	3.16	ng/ul	0.00
58) Fluorene-d10	15.62	176	160030	13.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	20045	10.95	ng/ul	0.00
71) Anthracene-d10	17.47	188	257533	15.12	ng/ul	0.00
79) Pyrene-d10	19.75	212	268953	14.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	255124	13.10	ng/ul	-0.01

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.47	88	10499	8.90	ng/uL#	83
4) Benzaldehyde	7.15	77	3236	1.30	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.42	93	303440	91.16	ng/ul	96
17) Hexachloroethane	9.11	117	14931	11.09	ng/ul#	10
21) Isophorone	9.73	82	9263	1.13	ng/ul#	86
28) Naphthalene	10.85	128	102719	8.78	ng/ul	98
32) Caprolactam	11.69	113	11644	7.70	ng/ul#	23
84) Bis(2-ethylhexyl)phthalate	21.51	149	25726	1.94	ng/ul	98

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



#2

1,4-Dioxane

Concen: 8.90 ng/uL

RT: 3.47 min Scan# 108

Delta R.T. 0.00 min

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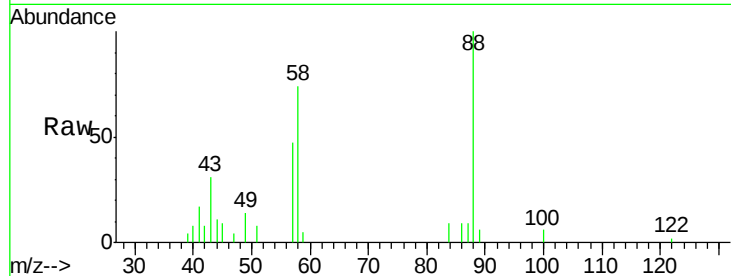
Tot Ion: 88 Resp: 10499

Ion Ratio Lower Upper

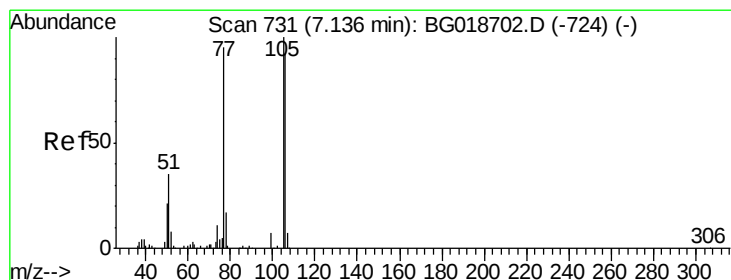
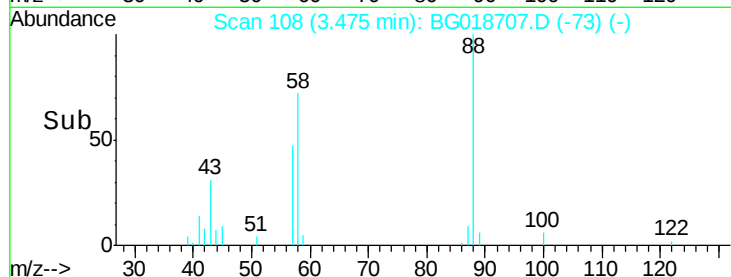
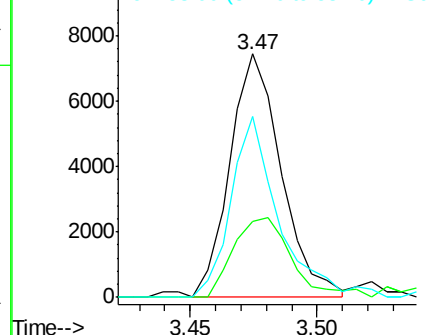
88 100

43 31.3 33.0 49.4#

58 74.3 73.4 110.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 1.30 ng/uL

RT: 7.15 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG018707.D

Acq: 16 Sep 2015 14:26

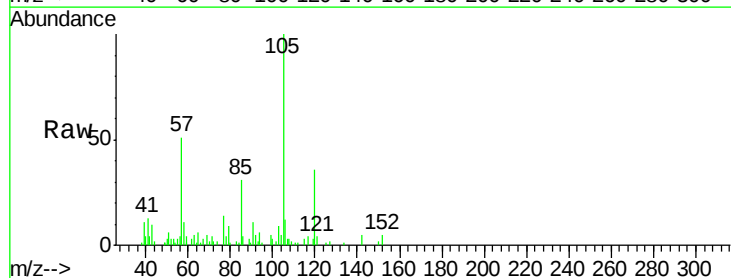
Tgt Ion: 77 Resp: 3236

Ion Ratio Lower Upper

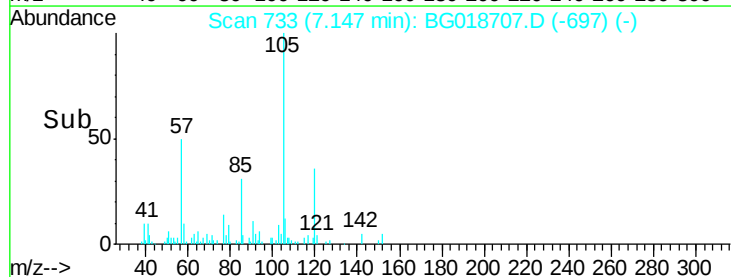
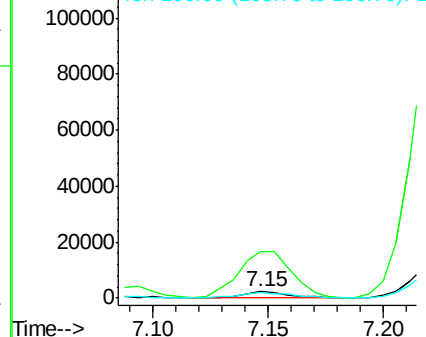
77 100

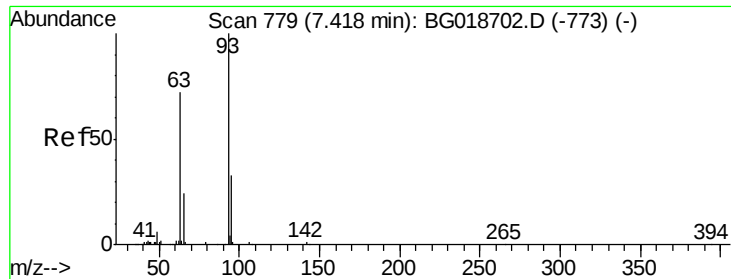
105 733.5 78.2 117.2#

106 90.1 76.8 115.2



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





#8

Bis(2-Chloroethyl)ether

Concen: 91.16 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG018707.D

Acq: 16 Sep 2015 14:26

Instrument :

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ClientSampleId :

B0AN0DL

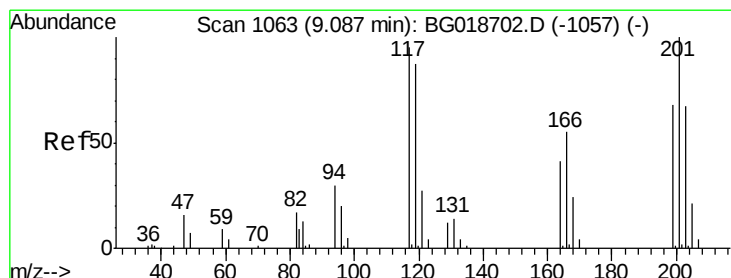
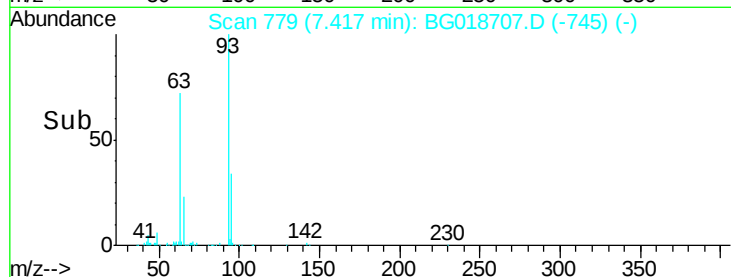
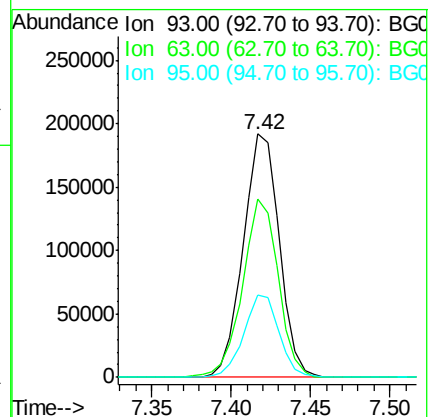
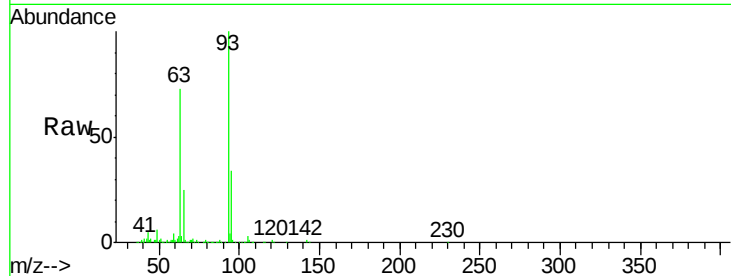
Tot Ion: 93 Resp: 303440

Ion Ratio Lower Upper

93 100

63 73.2 61.4 92.2

95 34.0 25.9 38.9



#17

Hexachloroethane

Concen: 11.09 ng/ul

RT: 9.11 min Scan# 1067

Delta R.T. 0.02 min

Lab File: BG018707.D

Acq: 16 Sep 2015 14:26

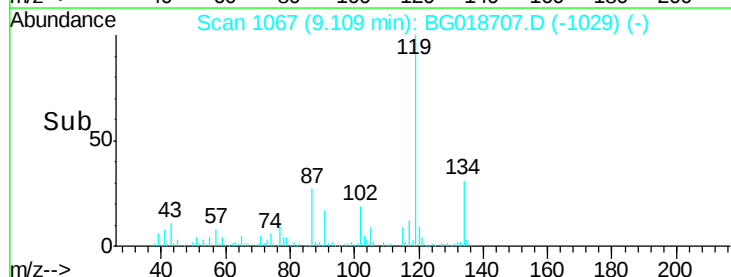
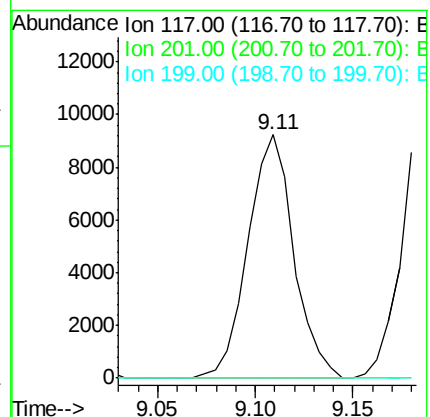
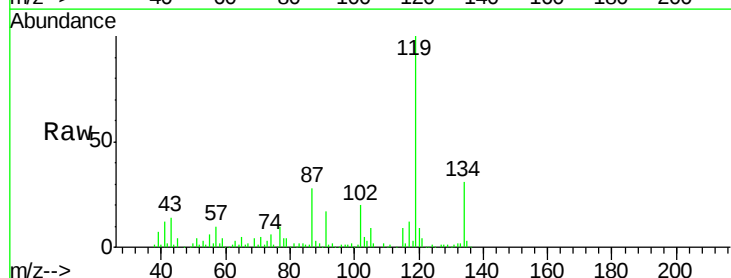
Tgt Ion: 117 Resp: 14931

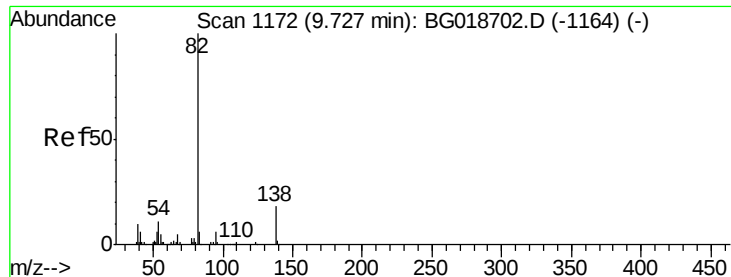
Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

199 0.0 48.6 72.8#





#21

Isophorone

Concen: 1.13 ng/ul

RT: 9.73 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG018707.D

Acq: 16 Sep 2015 14:26

Instrument :

BNA_G

ClientSampleId :

B0AN0DL

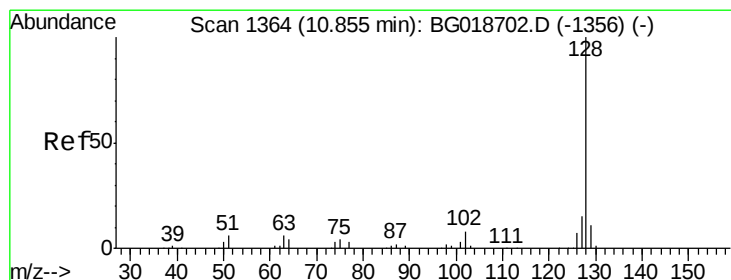
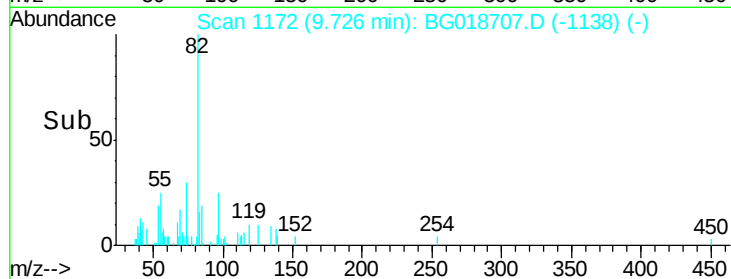
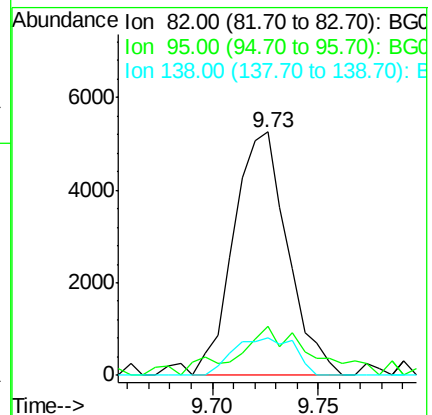
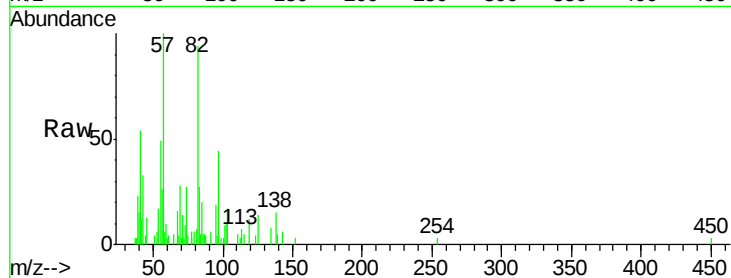
Tot Ion: 82 Resp: 9263

Ion Ratio Lower Upper

82 100

95 20.1 5.2 7.8#

138 15.6 13.8 20.8



#28

Naphthalene

Concen: 8.78 ng/ul

RT: 10.85 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BG018707.D

Acq: 16 Sep 2015 14:26

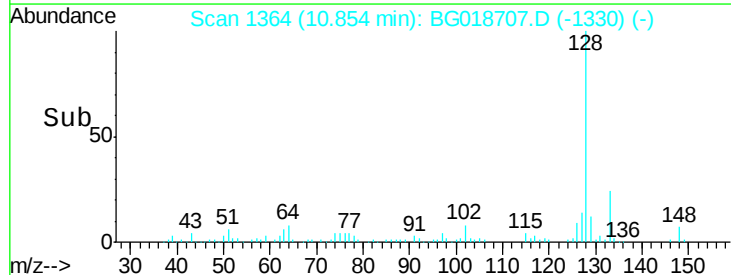
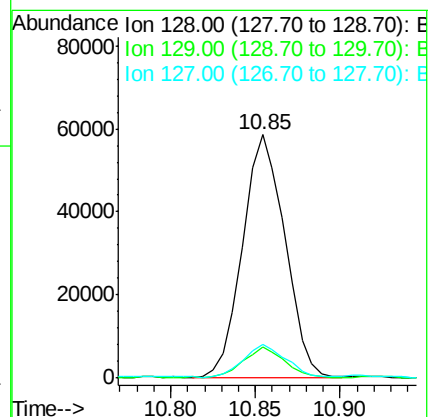
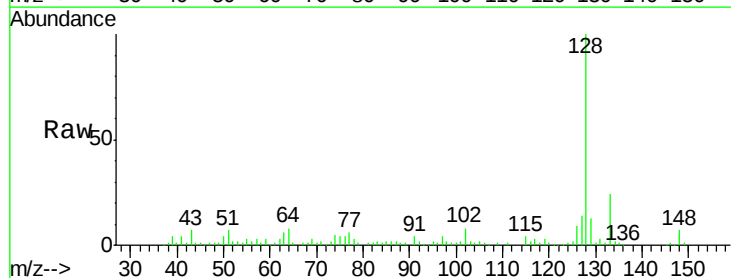
Tgt Ion: 128 Resp: 102719

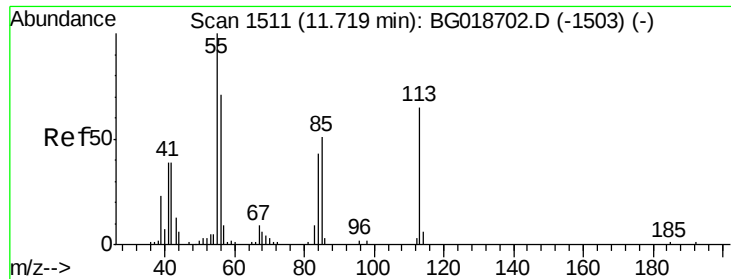
Ion Ratio Lower Upper

128 100

129 12.7 9.6 14.4

127 14.1 10.5 15.7





#32

Caprolactam

Concen: 7.70 ng/ul

RT: 11.69 min Scan# 1506

Delta R.T. -0.03 min

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Acq: 16 Sep 2015 14:26

Instrument :

BNA_G

ClientSampleId :

B0AN0DL

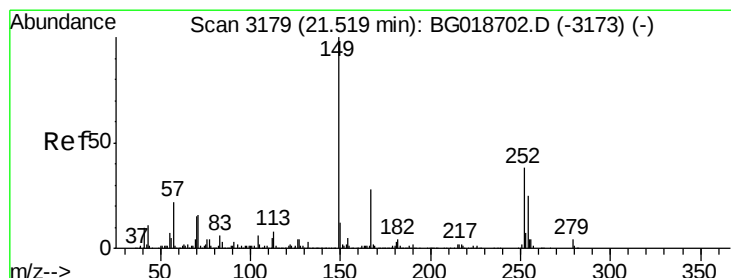
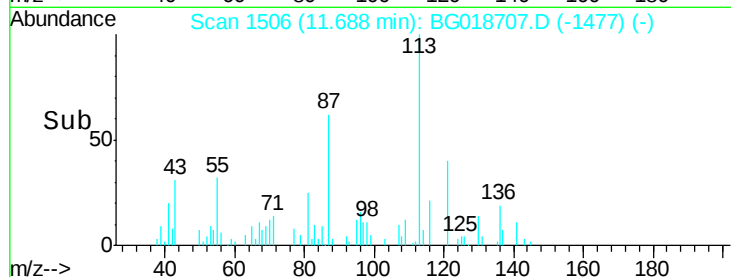
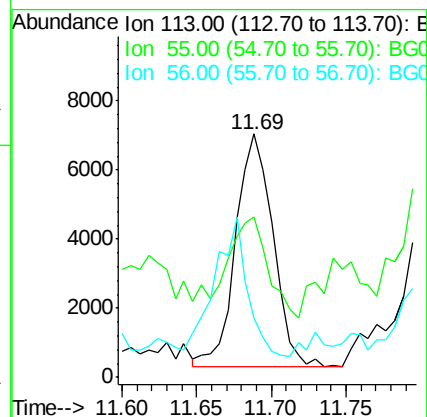
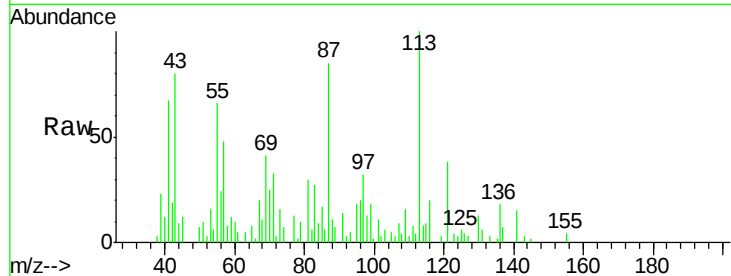
Tot Ion:113 Resp: 11644

Ion Ratio Lower Upper

113 100

55 66.1 124.2 186.4#

56 24.2 98.2 147.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.94 ng/ul

RT: 21.51 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG018707.D

Acq: 16 Sep 2015 14:26

Tgt Ion:149 Resp: 25726

Ion Ratio Lower Upper

149 100

167 26.5 22.2 33.2

279 4.0 2.8 4.2

