

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032717\
 Data File : BG026444.D
 Acq On : 27 Mar 2017 22:30
 Operator : SJ/MA
 Sample : I2358-15DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BL9

Quant Time: Mar 28 01:24:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 01:23:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	181336	20.00	ng/ul	0.02
18) Naphthalene-d8	10.85	136	758127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	432940	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1009841	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1166536	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1148139	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	21992	5.80	ng/uL	0.00
5) Phenol-d5	7.21	99	104169	7.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	253198	33.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	332550	27.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	192539	17.90	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	200502	37.00	ng/ul	0.02
22) 2-Nitrophenol-d4	9.93	143	235457	37.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	361985	31.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	2081	0.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	1191407	35.54	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	1415143	33.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	54235	8.32	ng/ul	0.00
57) Fluorene-d10	15.64	176	1061949	34.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	245044	37.74	ng/ul	0.00
70) Anthracene-d10	17.48	188	1659054	36.18	ng/ul	0.00
78) Pyrene-d10	19.76	212	1936548	37.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1896062	38.44	ng/ul	0.00

Target Compounds

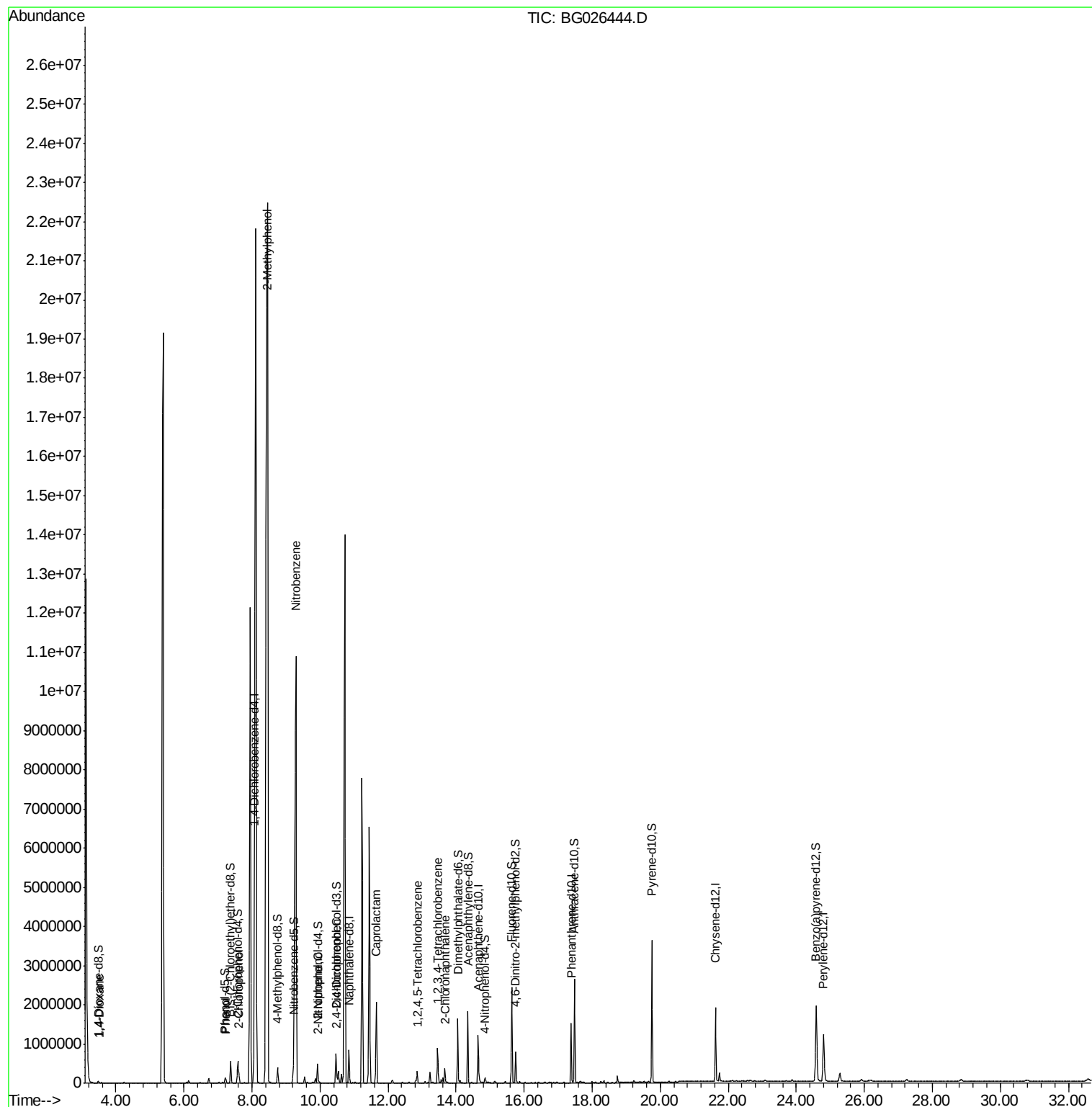
						Ovalue
2) 1,4-Dioxane	3.51	88	6596	1.63	ng/uL	93
6) Phenol	7.24	94	57552	4.13	ng/ul#	90
10) 2-Chlorophenol	7.62	128	140704	12.15	ng/ul	99
11) 2-Methylphenol	8.45	108	202774	18.60	ng/ul	96
20) Nitrobenzene	9.29	77	8843631	821.57	ng/ul#	64
23) 2-Nitrophenol	9.96	139	20071	3.00	ng/ul	90
27) 2,4-Dichlorophenol	10.50	162	42091	3.66	ng/ul	92
32) Caprolactam	11.65	113	174124	42.85	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	106915	7.84	ng/ul#	96
41) 2-Chloronaphthalene	13.67	162	158244	6.04	ng/ul#	42
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	294385	22.13	ng/uL	98

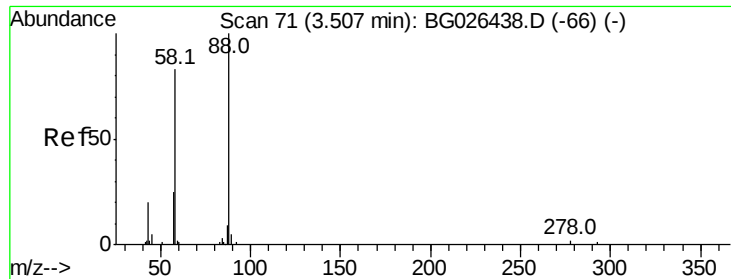
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.63 ng/uL

RT: 3.51 min Scan# 72

Delta R.T. 0.00 min

Lab File: BG026444.D

Acq: 27 Mar 2017 22:30

Instrument :

BNA_G

ClientSampleId :

C0BL9

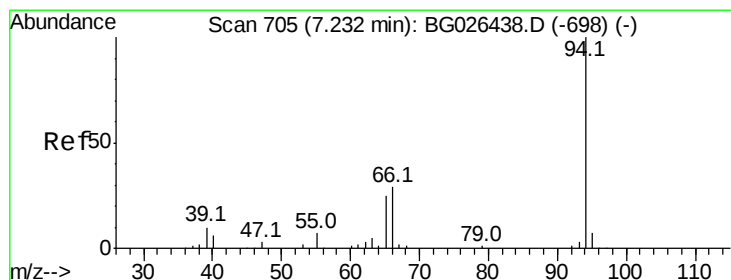
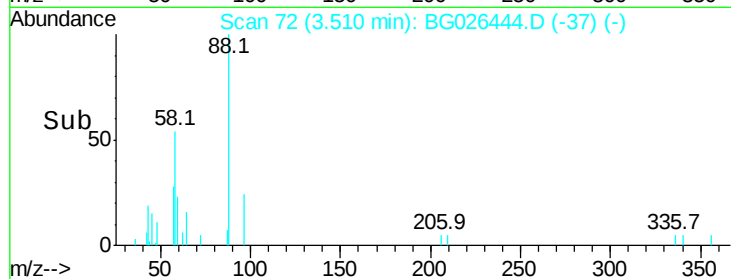
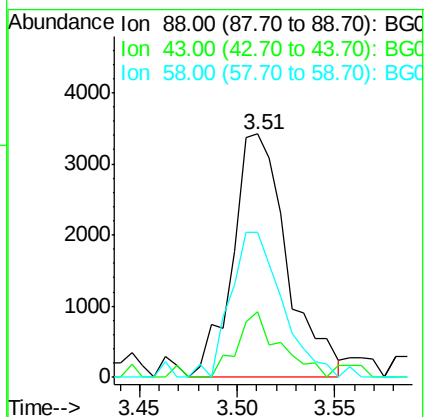
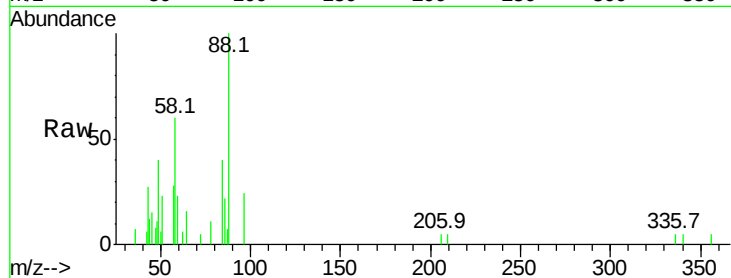
Tot Ion: 88 Resp: 6596

Ion Ratio Lower Upper

88 100

43 21.2 21.0 31.6

58 55.5 47.8 71.8



#6

Phenol

Concen: 4.13 ng/uL

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026444.D

Acq: 27 Mar 2017 22:30

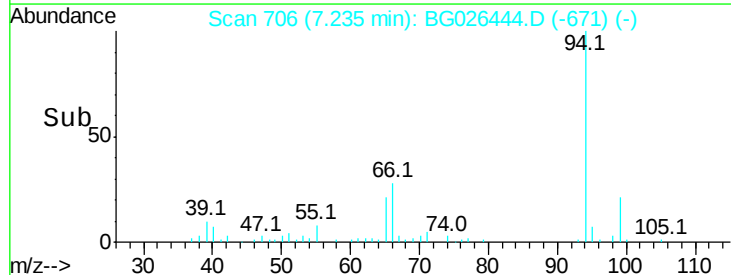
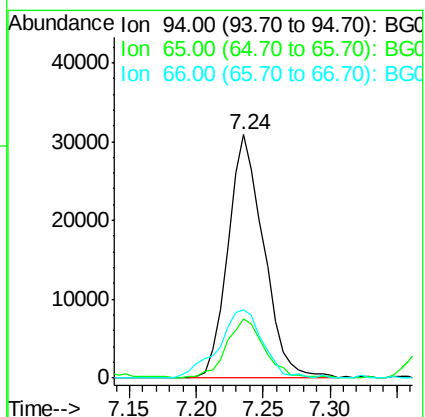
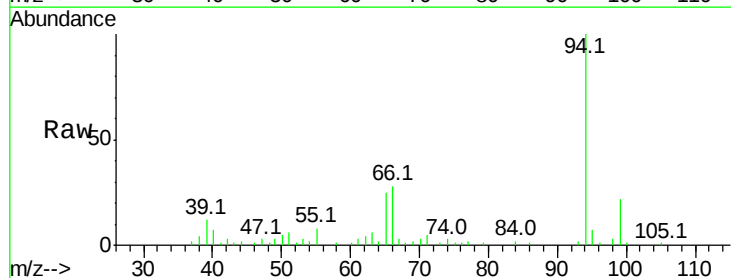
Tgt Ion: 94 Resp: 57552

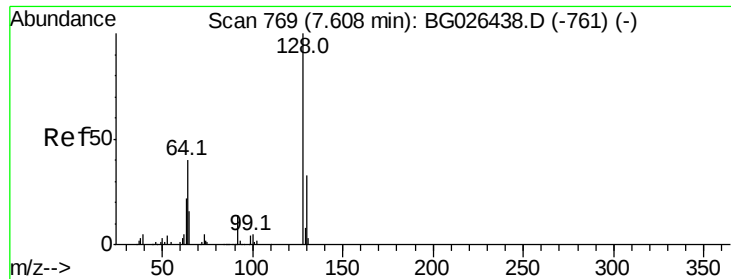
Ion Ratio Lower Upper

94 100

65 24.6 21.0 31.6

66 27.9 29.3 43.9#

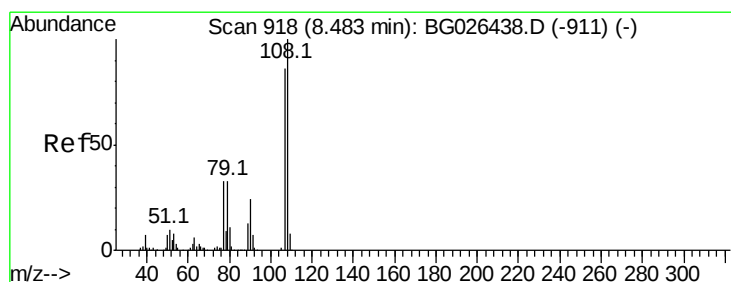
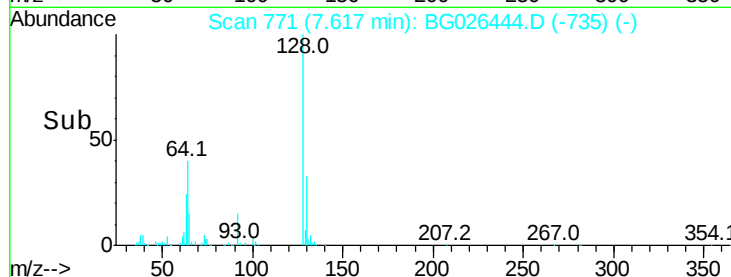
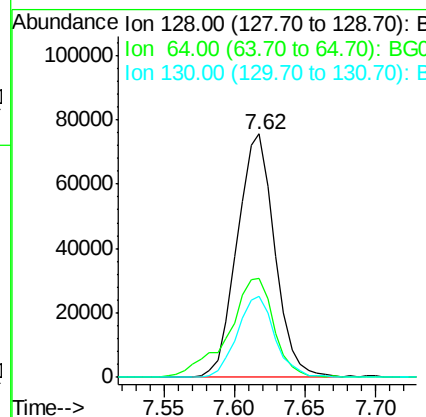
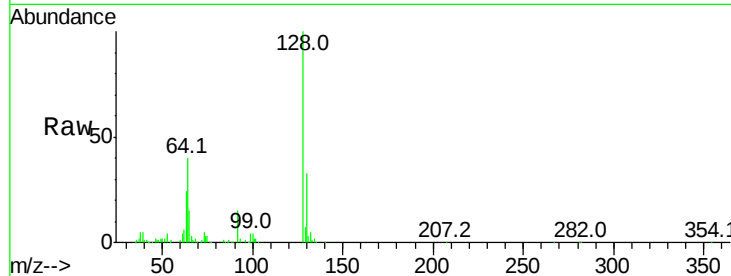




#10
2-Chlorophenol
Concen: 12.15 ng/ul
RT: 7.62 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG026444.D
Acq: 27 Mar 2017 22:30

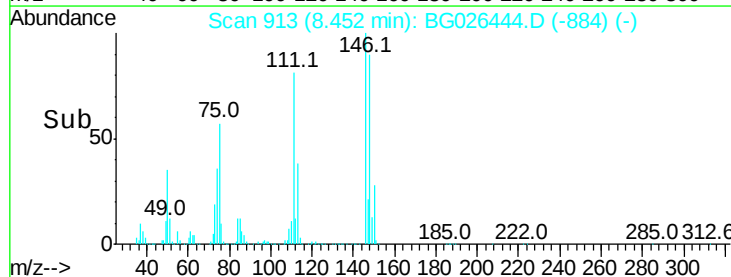
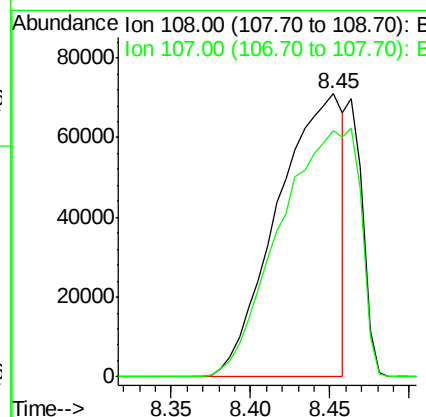
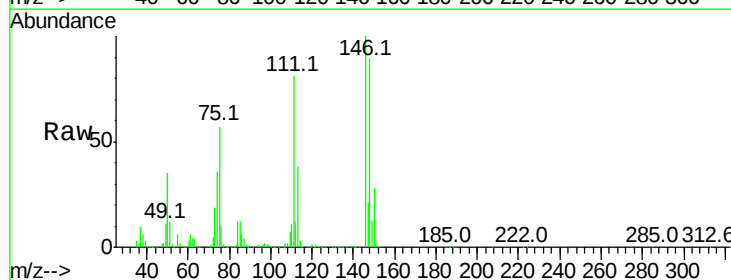
Instrument :
BNA_G
ClientSampleId :
C0BL9

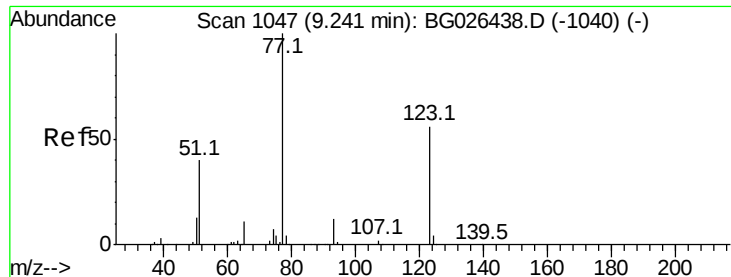
Tot Ion:128 Resp: 140704
Ion Ratio Lower Upper
128 100
64 40.4 31.9 47.9
130 33.3 25.6 38.4



#11
2-Methylphenol
Concen: 18.60 ng/ul
RT: 8.45 min Scan# 913
Delta R.T. -0.03 min
Lab File: BG026444.D
Acq: 27 Mar 2017 22:30

Tgt Ion:108 Resp: 202774
Ion Ratio Lower Upper
108 100
107 87.0 72.4 108.6





#20

Nitrobenzene

Concen: 821.57 ng/ul

RT: 9.29 min Scan# 1056

Delta R.T. 0.05 min

Lab File: BG026444.D

Acq: 27 Mar 2017 22:30

Instrument :

BNA_G

ClientSampleId :

C0BL9

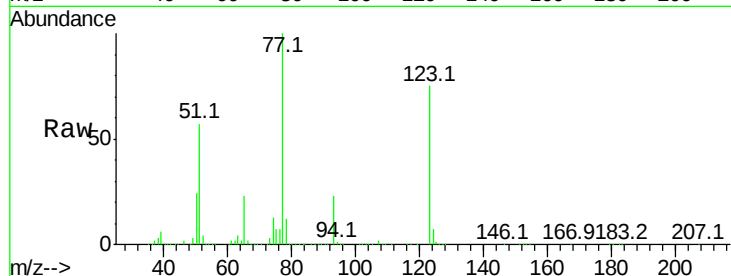
Tot Ion: 77 Resp: 8843631

Ion Ratio Lower Upper

77 100

123 75.3 39.0 58.4#

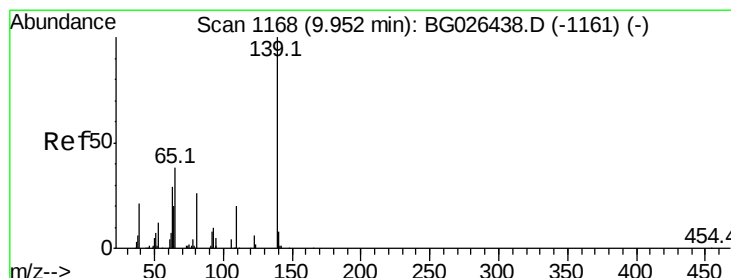
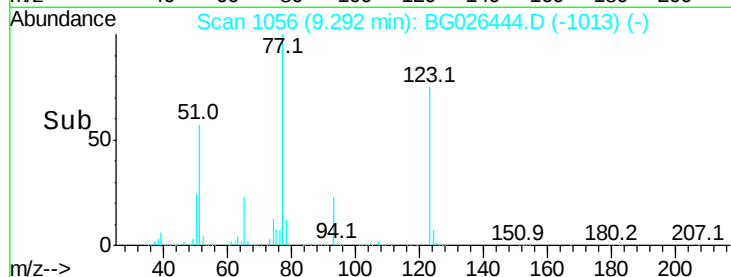
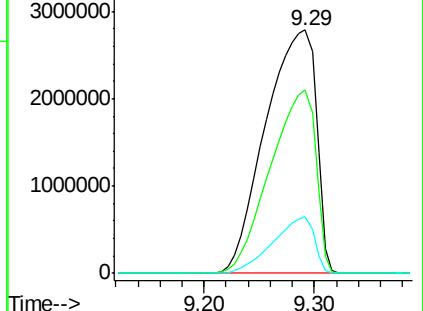
65 23.2 10.4 15.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#23

2-Nitrophenol

Concen: 3.00 ng/ul

RT: 9.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BG026444.D

Acq: 27 Mar 2017 22:30

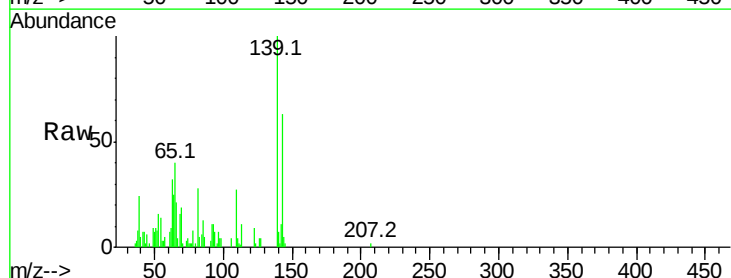
Tgt Ion: 139 Resp: 20071

Ion Ratio Lower Upper

139 100

65 39.8 36.3 54.5

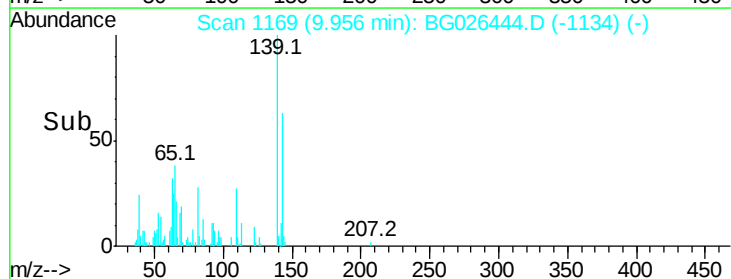
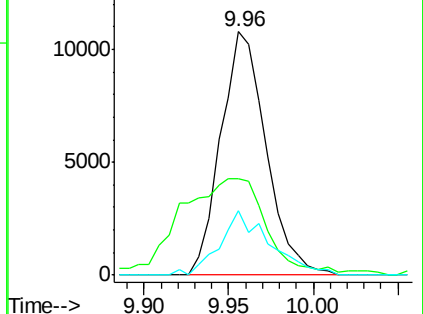
109 26.7 26.4 39.6

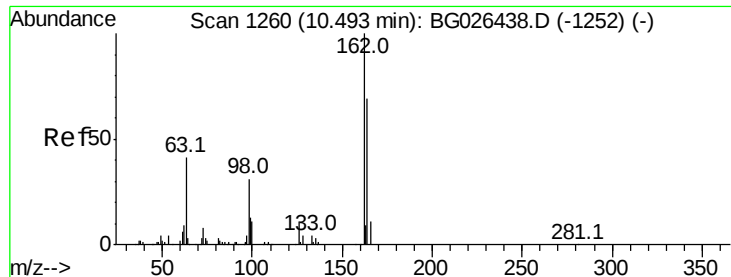


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 109.00 (108.70 to 109.70): BGC





#27

2,4-Dichlorophenol

Concen: 3.66 ng/ul

RT: 10.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG026444.D

Acq: 27 Mar 2017 22:30

Instrument :

BNA_G

ClientSampleId :

C0BL9

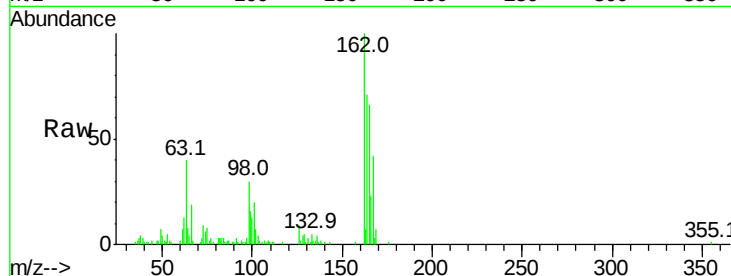
Tot Ion:162 Resp: 42091

Ion Ratio Lower Upper

162 100

164 71.5 52.1 78.1

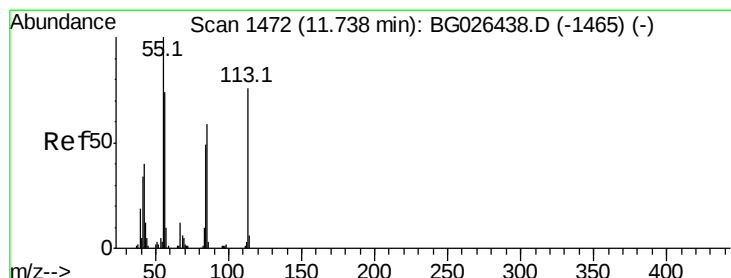
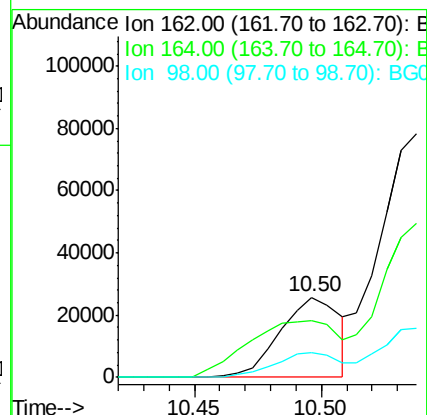
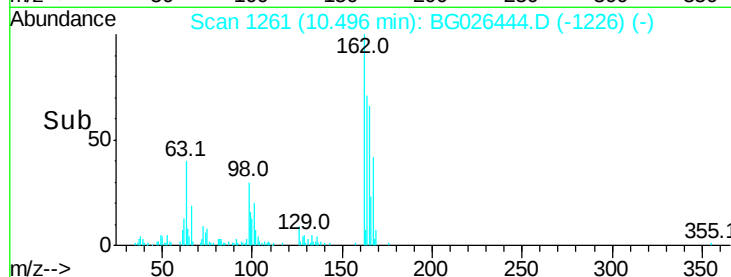
98 30.4 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#32

Caprolactam

Concen: 42.85 ng/ul

RT: 11.65 min Scan# 1458

Delta R.T. -0.08 min

Lab File: BG026444.D

Acq: 27 Mar 2017 22:30

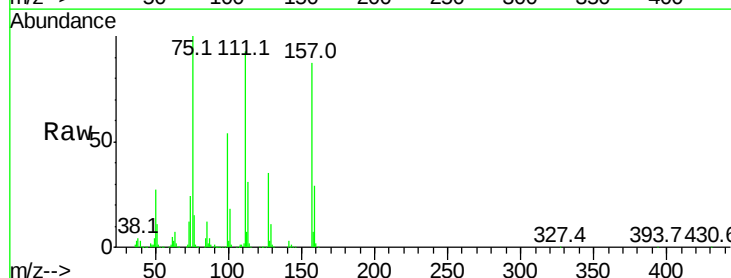
Tgt Ion:113 Resp: 174124

Ion Ratio Lower Upper

113 100

55 0.5 101.9 152.9#

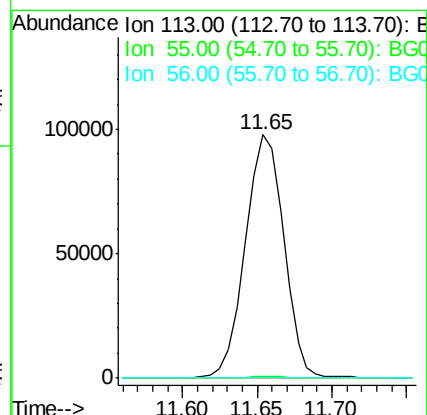
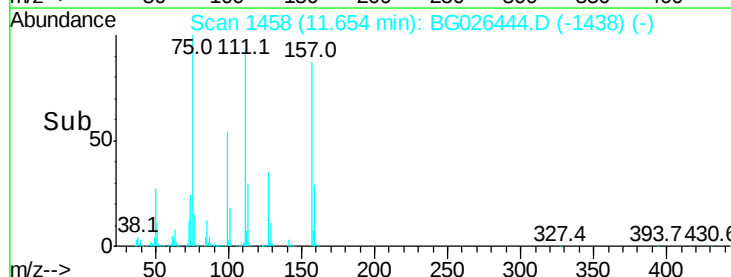
56 0.0 81.2 121.8#

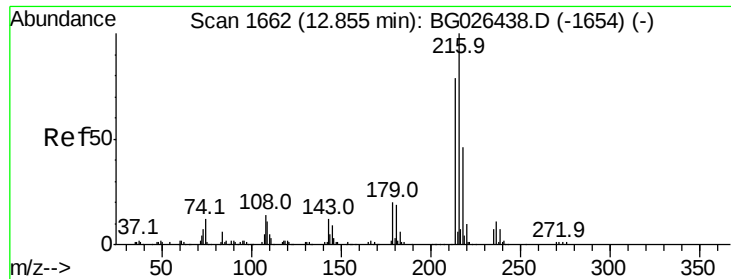


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

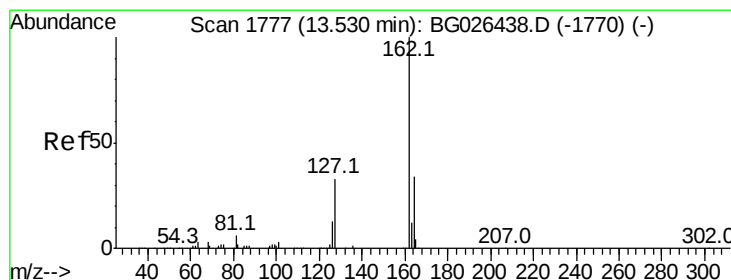
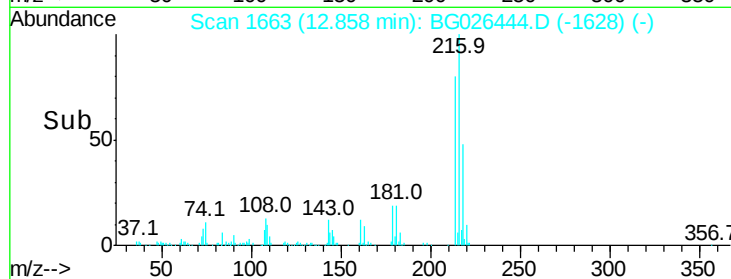
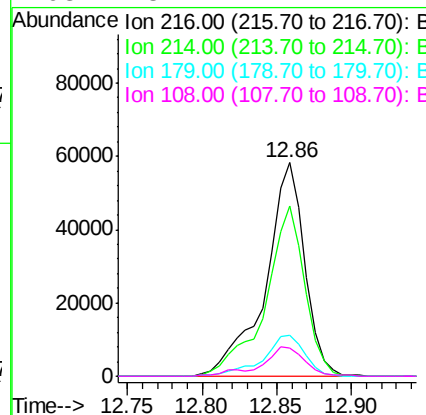
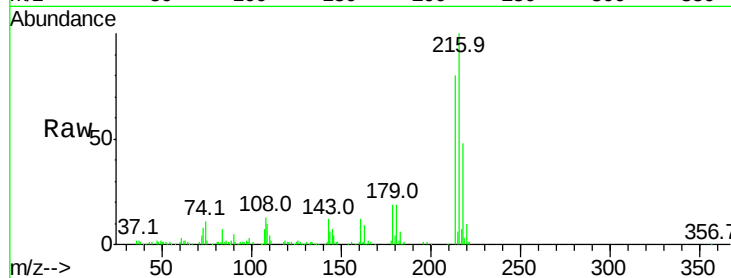




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.84 ng/ul
 RT: 12.86 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BG026444.D
 Acq: 27 Mar 2017 22:30

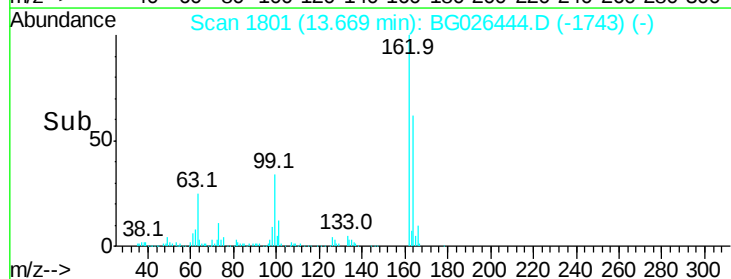
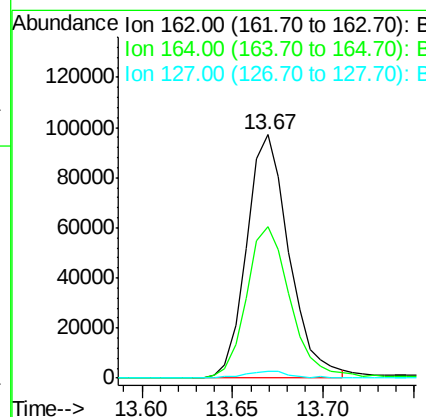
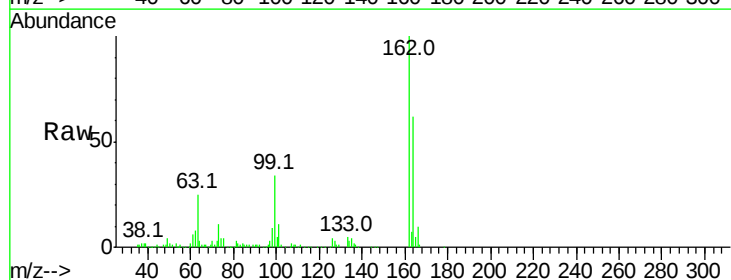
Instrument :
 BNA_G
 ClientSampleId :
 C0BL9

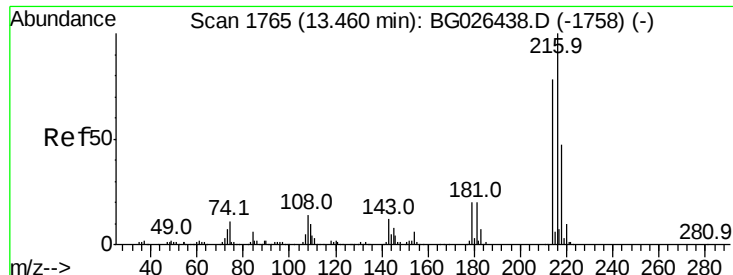
Tot Ion:	216	Resp:	106915
Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.5	93.7
179	19.1	18.2	27.2
108	13.4	14.2	21.2#



#41
 2-Chloronaphthalene
 Concen: 6.04 ng/ul
 RT: 13.67 min Scan# 1801
 Delta R.T. 0.14 min
 Lab File: BG026444.D
 Acq: 27 Mar 2017 22:30

Tgt Ion:	162	Resp:	158244
Ion	Ratio	Lower	Upper
162	100		
164	62.2	25.9	38.9#
127	2.9	34.1	51.1#





#72

1,2,3,4-Tetrachlorobenzene

Concen: 22.13 ng/uL

RT: 13.46 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BG026444.D

Acq: 27 Mar 2017 22:30

Instrument :

BNA_G

ClientSampleId :

C0BL9

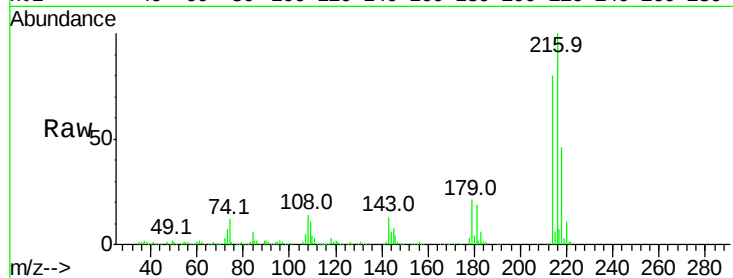
Tot Ion:216 Resp: 294385

Ion Ratio Lower Upper

216 100

214 80.0 62.5 93.7

218 46.0 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

