

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030717\
 Data File : BG026097.D
 Acq On : 7 Mar 2017 16:14
 Operator : SJ/MA
 Sample : I2095-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB6

Quant Time: Mar 08 01:01:48 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 16:02:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	110742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	461357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	265485	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	632298	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	819716	20.00	ng/ul	0.00
85) Perylene-d12	24.82	264	819067	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	15174	5.89	ng/uL	0.00
5) Phenol-d5	7.22	99	69056	8.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	199226	38.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	216960	32.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	125942	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	142498	42.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	134026	48.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	235248	38.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	1208	0.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	864029	50.03	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	1049927	45.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	30275	8.90	ng/ul	0.00
57) Fluorene-d10	15.65	176	774026	45.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	116861	39.39	ng/ul	0.00
70) Anthracene-d10	17.49	188	1192522	41.56	ng/ul	0.00
78) Pyrene-d10	19.77	212	1408923	41.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	1509468	41.81	ng/ul	0.00

Target Compounds

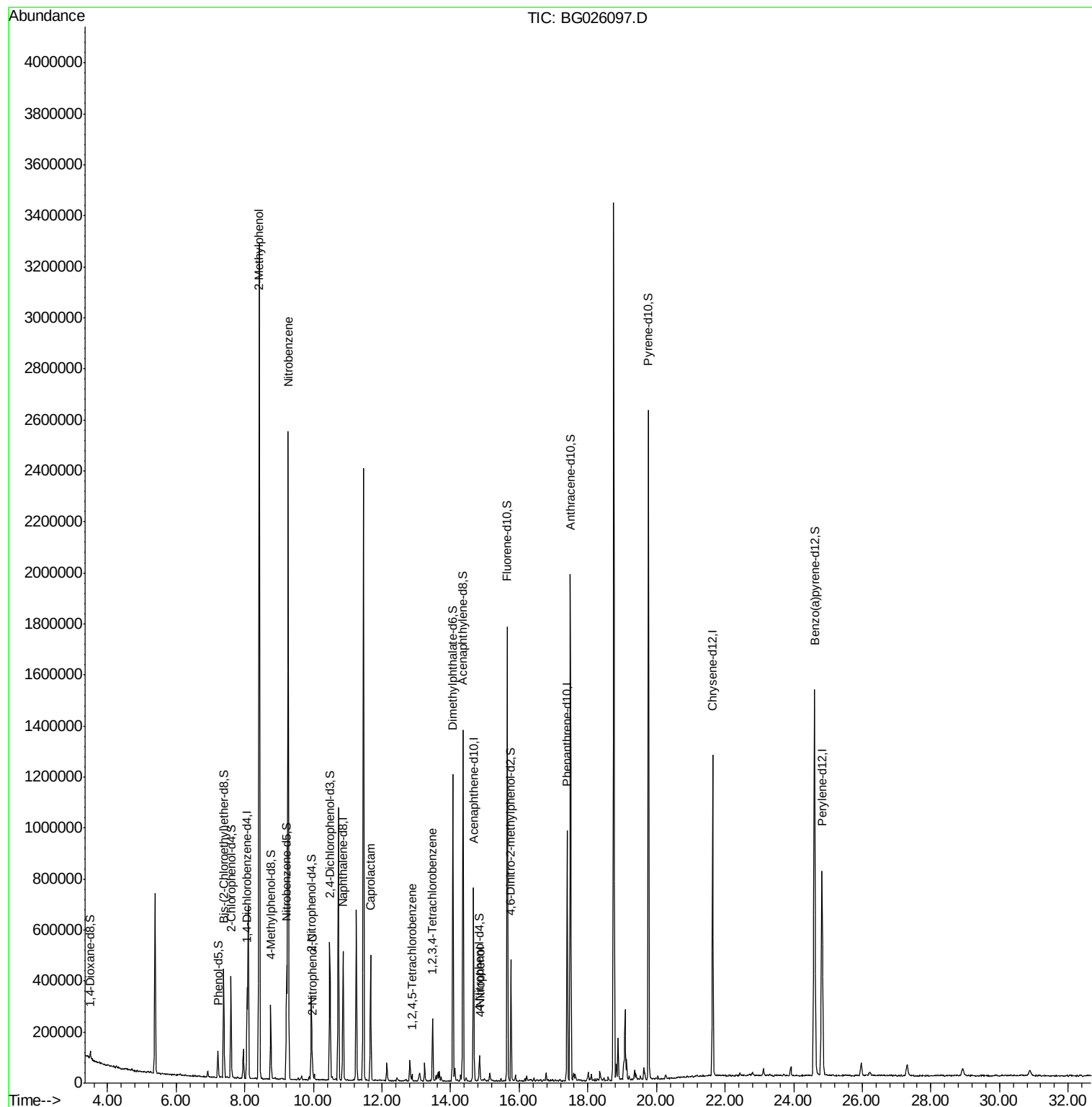
						Qvalue
11) 2-Methylphenol	8.42	108	11210	1.73	ng/ul	84
20) Nitrobenzene	9.27	77	1501815	212.72	ng/ul	94
23) 2-Nitrophenol	9.97	139	18631	6.40	ng/ul#	93
32) Caprolactam	11.67	113	40002	18.56	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	10653	1.42	ng/ul#	89
52) 4-Nitrophenol	14.85	109	2592	1.32	ng/ul#	72
72) 1,2,3,4-Tetrachlorobenzene	13.47	216	76530	10.12	ng/uL	99

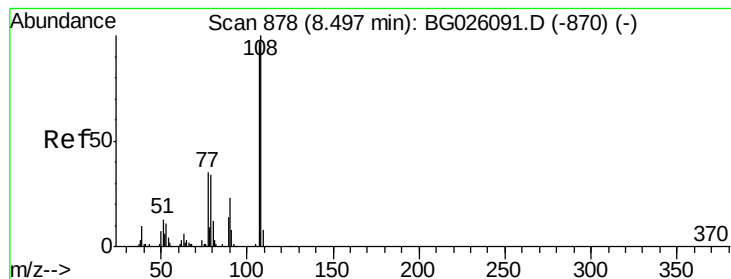
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 1.73 ng/ul

RT: 8.42 min Scan# 865

Delta R.T. -0.08 min

Lab File: BG026097.D

Acq: 7 Mar 2017 16:14

Instrument :

BNA_G

ClientSampleId :

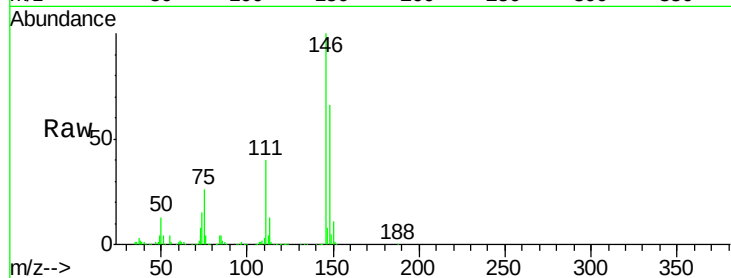
C0BB6

Tgt Ion: 108 Resp: 11210

Ion Ratio Lower Upper

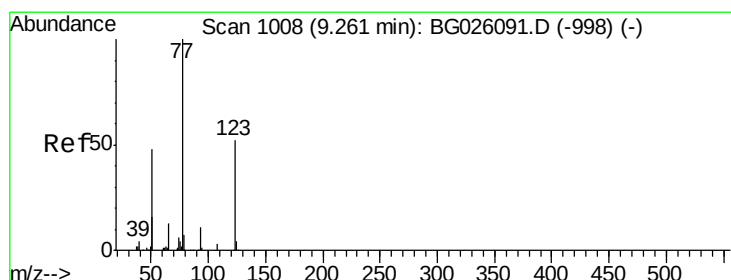
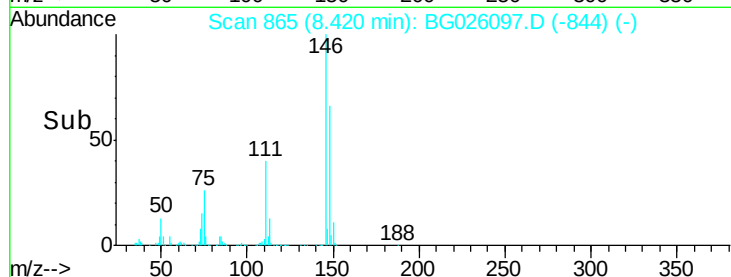
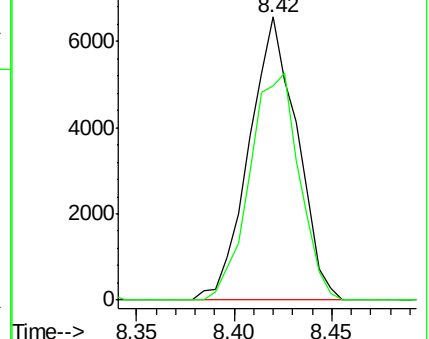
108 100

107 75.7 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 212.72 ng/ul

RT: 9.27 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BG026097.D

Acq: 7 Mar 2017 16:14

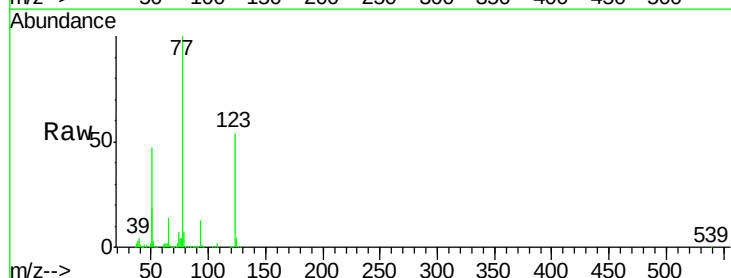
Tgt Ion: 77 Resp: 1501815

Ion Ratio Lower Upper

77 100

123 53.7 39.0 58.4

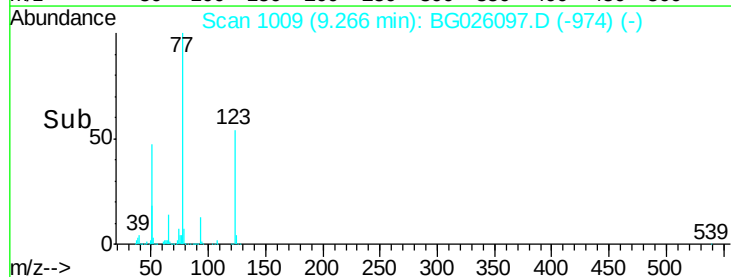
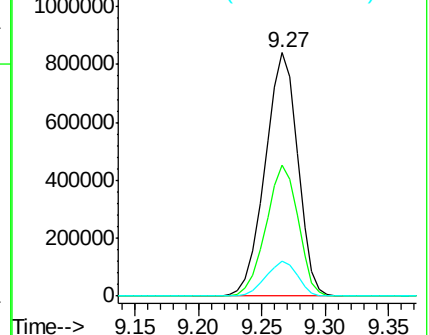
65 14.1 10.4 15.6

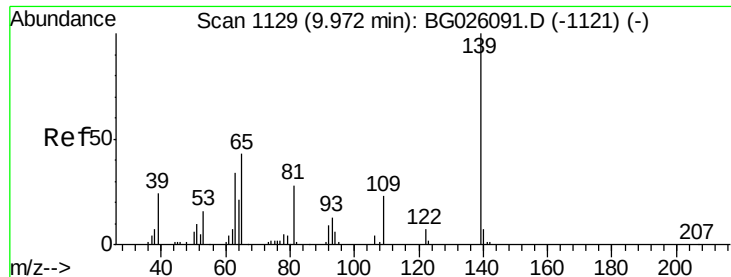


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#23

2-Nitrophenol

Concen: 6.40 ng/ul

RT: 9.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG026097.D

Acq: 7 Mar 2017 16:14

Instrument :

BNA_G

ClientSampled :

C0BB6

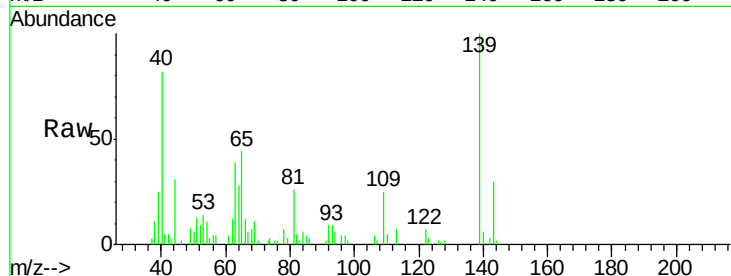
Tgt Ion:139 Resp: 18631

Ion Ratio Lower Upper

139 100

65 44.3 36.3 54.5

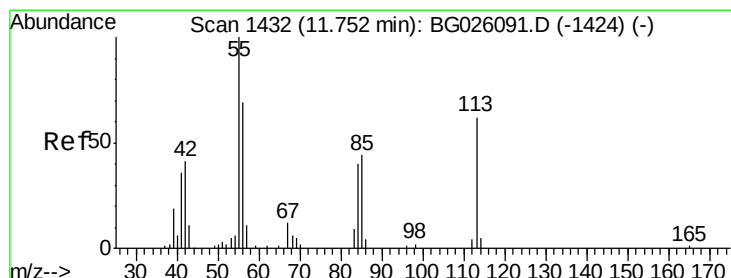
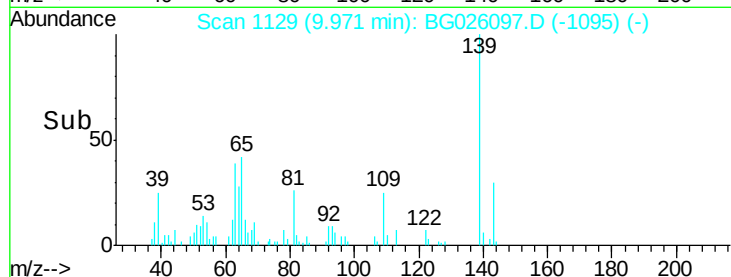
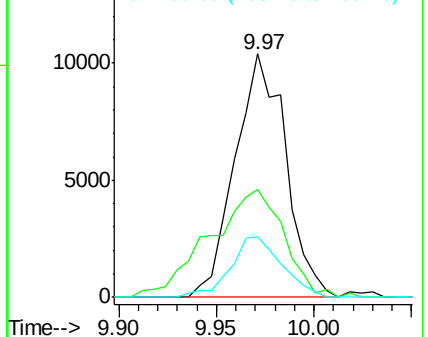
109 24.9 26.4 39.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG026097.D

Ion 109.00 (108.70 to 109.70): BG026097.D



#32

Caprolactam

Concen: 18.56 ng/ul

RT: 11.67 min Scan# 1418

Delta R.T. -0.08 min

Lab File: BG026097.D

Acq: 7 Mar 2017 16:14

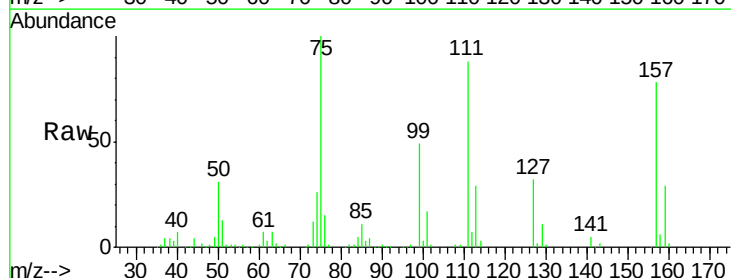
Tgt Ion:113 Resp: 40002

Ion Ratio Lower Upper

113 100

55 1.3 101.9 152.9#

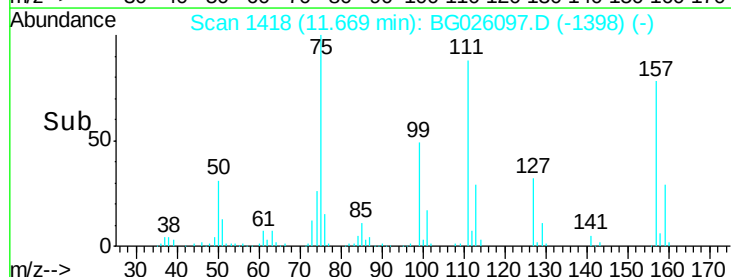
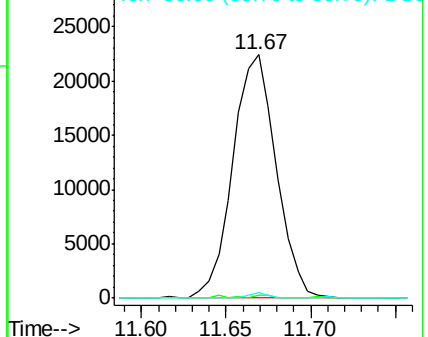
56 2.1 81.2 121.8#

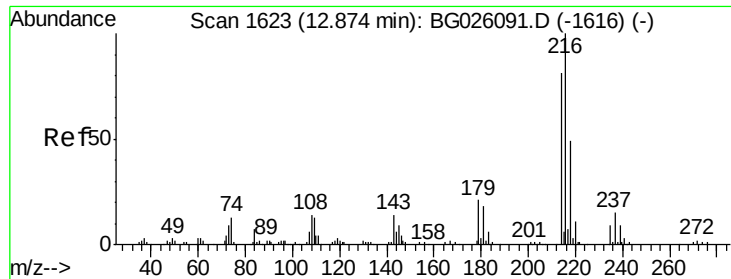


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG026097.D

Ion 56.00 (55.70 to 56.70): BG026097.D





#36

1,2,4,5-Tetrachlorobenzene

Concen: 1.42 ng/ul

RT: 12.87 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG026097.D

Acq: 7 Mar 2017 16:14

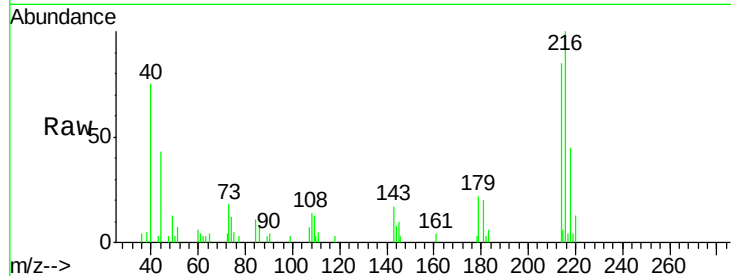
Instrument :

BNA_G

ClientSampleId :

C0BB6

Tgt Ion:	216	Resp:	10653
Ion	Ratio	Lower	Upper
216	100		
214	91.0	62.5	93.7
179	22.2	18.2	27.2
108	13.8	14.2	21.2#

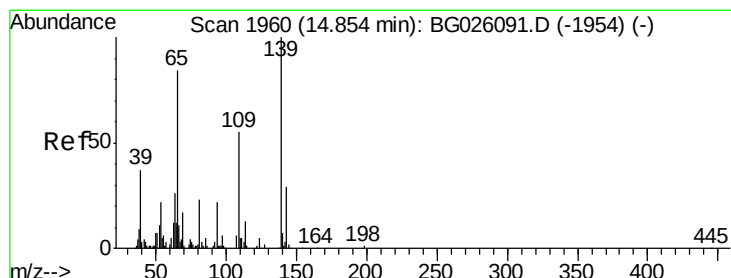
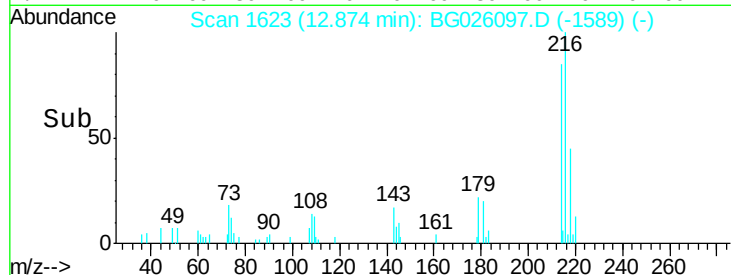
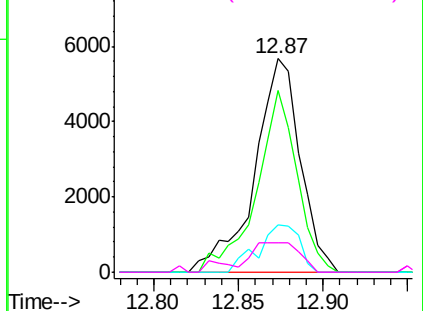


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#52

4-Nitrophenol

Concen: 1.32 ng/ul

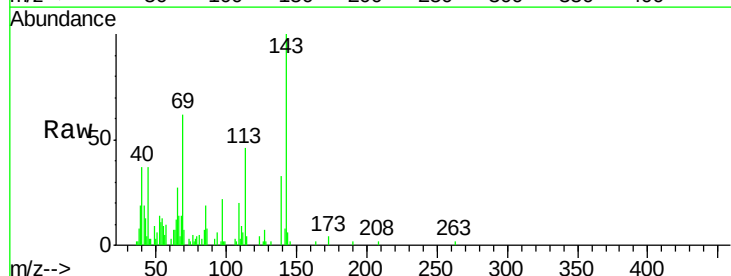
RT: 14.85 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG026097.D

Acq: 7 Mar 2017 16:14

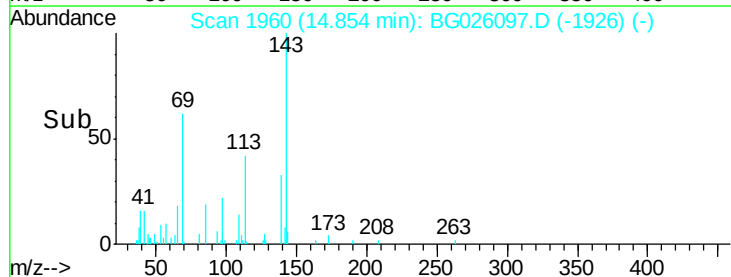
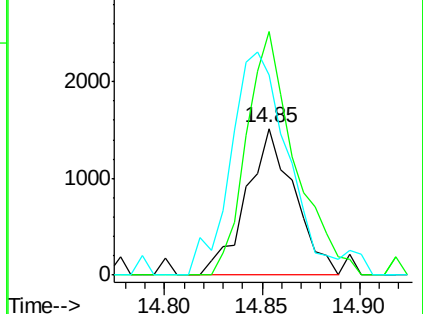
Tgt Ion:	109	Resp:	2592
Ion	Ratio	Lower	Upper
109	100		
139	166.1	103.7	155.5#
65	136.4	89.4	134.2#

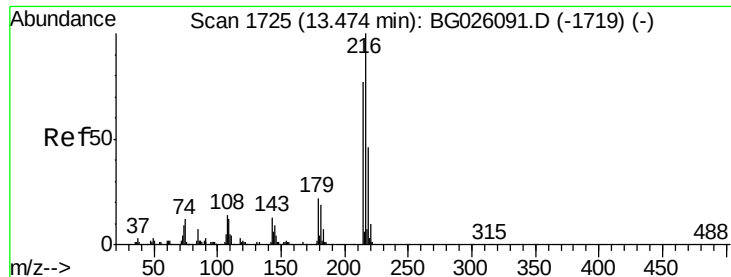


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#72

1,2,3,4-Tetrachlorobenzene

Concen: 10.12 ng/uL

RT: 13.47 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG026097.D

Acq: 7 Mar 2017 16:14

Instrument :

BNA_G

ClientSampleId :

C0BB6

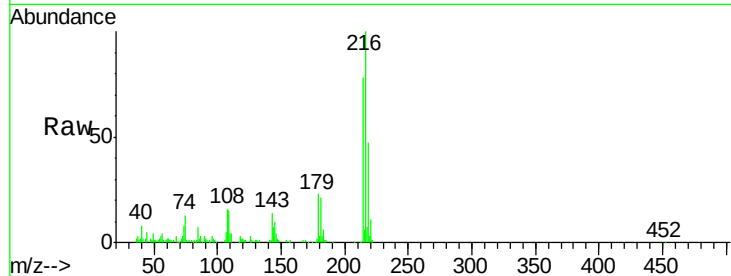
Tgt Ion: 216 Resp: 76530

Ion Ratio Lower Upper

216 100

214 78.5 62.5 93.7

218 47.2 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

