

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040717\
 Data File : BG026602.D
 Acq On : 7 Apr 2017 17:58
 Operator : SJ/MA
 Sample : I2544-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BQ2

Quant Time: Apr 08 00:26:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 08 00:24:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	143249	20.00	ng/ul	0.03
18) Naphthalene-d8	10.85	136	655020	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.65	164	377853	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	923496	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1180973	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1124257	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	18049	6.03	ng/uL	0.00
5) Phenol-d5	7.21	99	76602	7.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	220358	37.27	ng/ul	0.02
9) 2-Chlorophenol-d4	7.58	132	272862	28.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	152497	17.94	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	162851	34.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	190172	34.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	298015	29.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	48387	4.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	1028615	35.15	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	1208791	33.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	32807	5.76	ng/ul	0.02
57) Fluorene-d10	15.63	176	918737	34.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	196491	33.09	ng/ul	0.00
70) Anthracene-d10	17.48	188	1436988	34.26	ng/ul	0.00
78) Pyrene-d10	19.75	212	1720623	32.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	1735366	35.93	ng/ul	0.00

Target Compounds

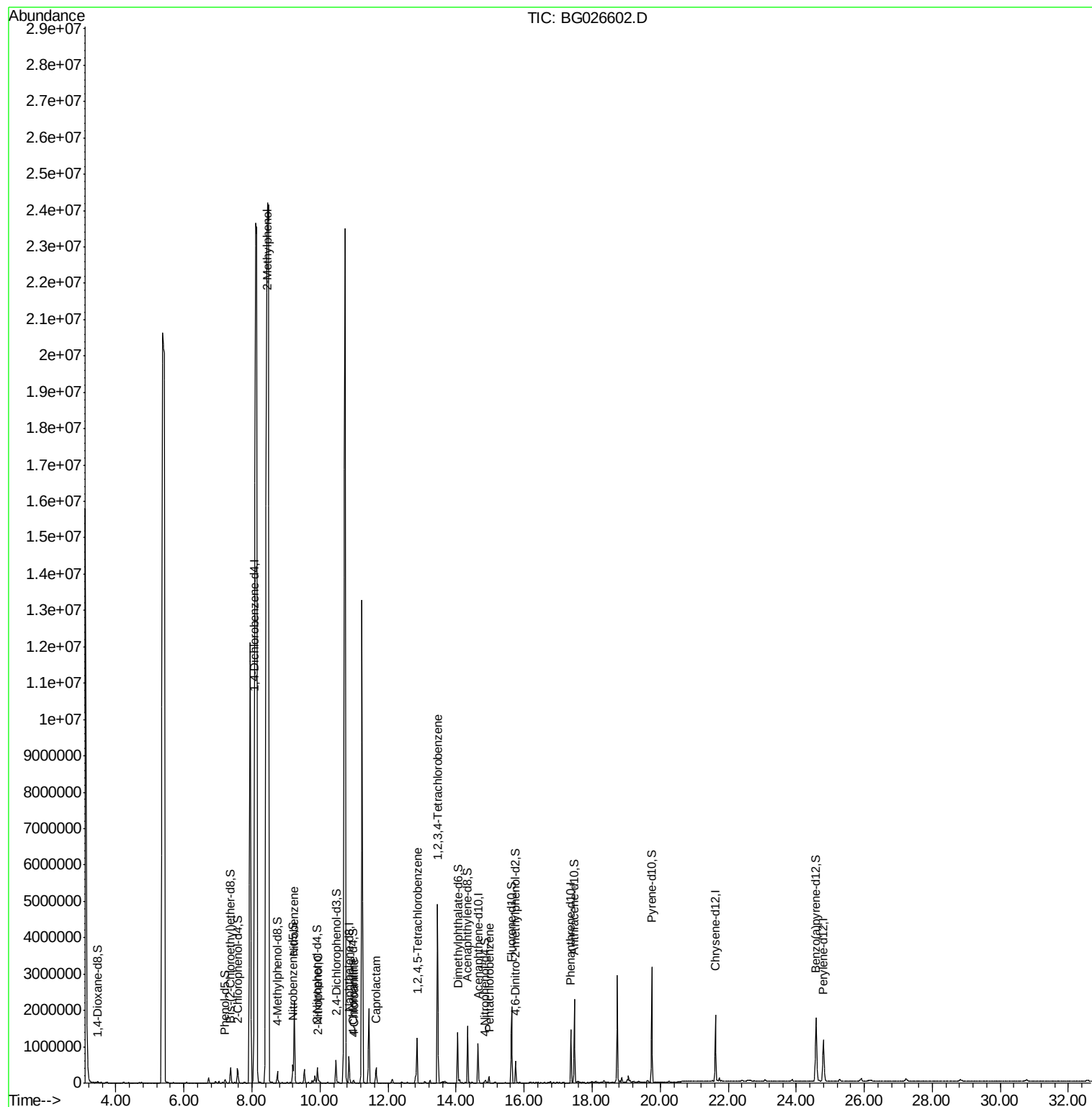
						Ovalue
11) 2-Methylphenol	8.45	108	260671	30.26	ng/ul	95
20) Nitrobenzene	9.25	77	1377881	148.15	ng/ul	89
23) 2-Nitrophenol	9.95	139	23596	4.09	ng/ul#	93
30) 4-Chloroaniline	11.00	127	17126	1.79	ng/ul	96
32) Caprolactam	11.65	113	36169	10.30	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	507257	42.64	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	1718814	141.29	ng/uL	95
73) Pentachlorobenzene	14.97	250	48641	3.51	ng/uL	94

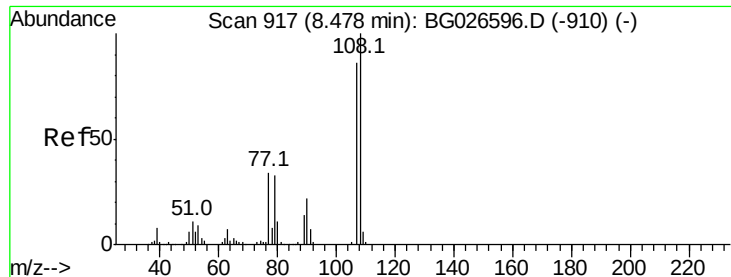
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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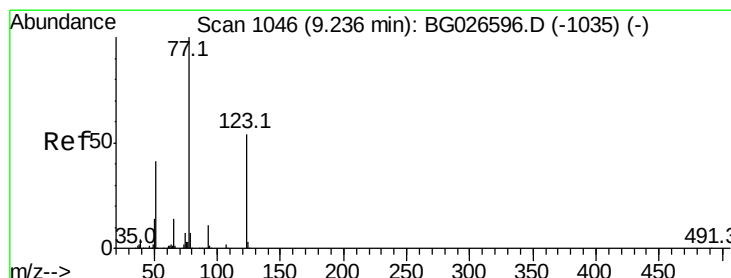
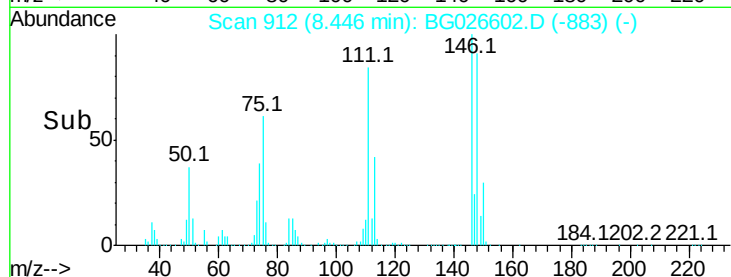
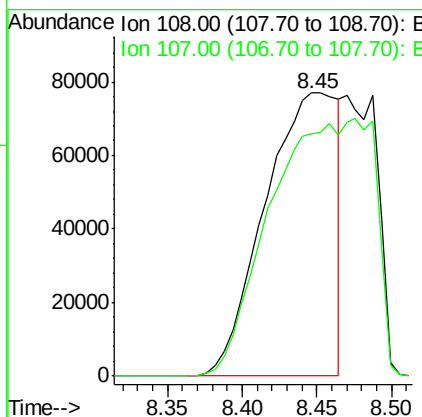
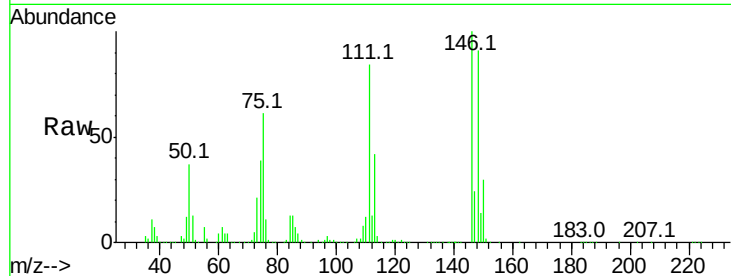




#11
2-Methylphenol
Concen: 30.26 ng/ul
RT: 8.45 min Scan# 912
Delta R.T. -0.03 min
Lab File: BG026602.D
Acq: 7 Apr 2017 17:58

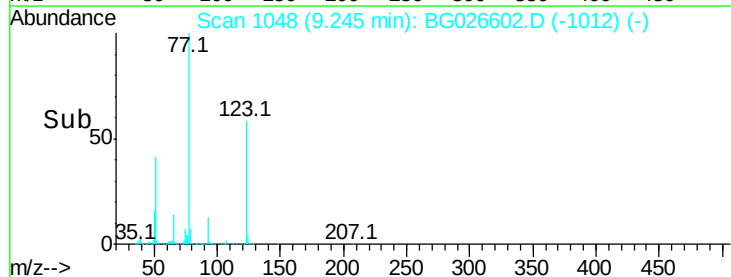
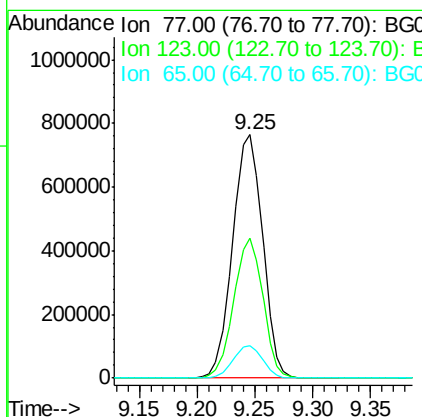
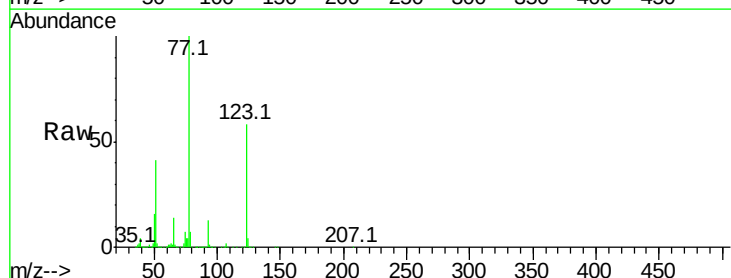
Instrument :
BNA_G
ClientSampleId :
C0BQ2

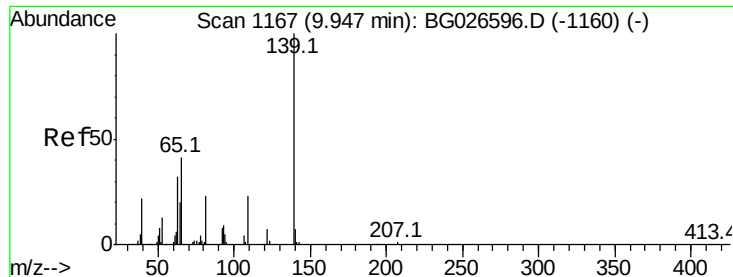
Tot Ion:108 Resp: 260671
Ion Ratio Lower Upper
108 100
107 85.6 72.4 108.6



#20
Nitrobenzene
Concen: 148.15 ng/ul
RT: 9.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BG026602.D
Acq: 7 Apr 2017 17:58

Tgt Ion: 77 Resp: 1377881
Ion Ratio Lower Upper
77 100
123 57.6 39.0 58.4
65 13.5 10.4 15.6





#23

2-Nitrophenol

Concen: 4.09 ng/ul

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG026602.D

Acq: 7 Apr 2017 17:58

Instrument :

BNA_G

ClientSampleId :

C0BQ2

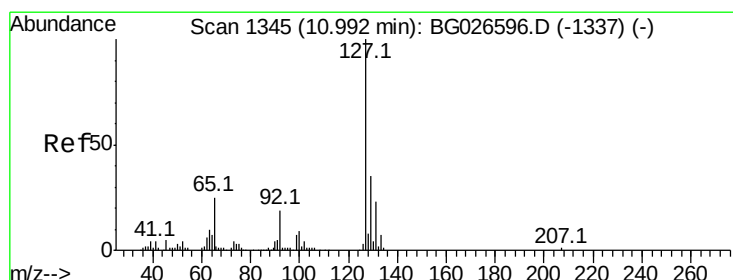
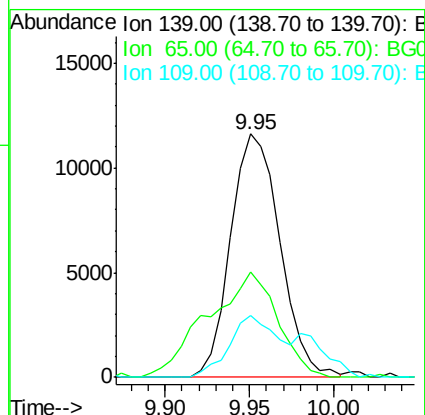
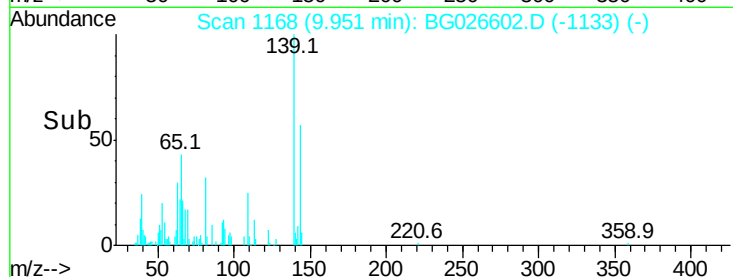
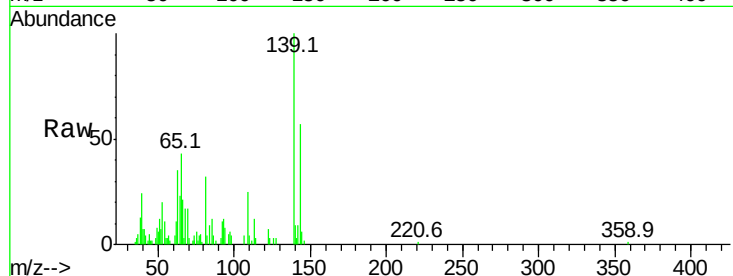
Tot Ion:139 Resp: 23596

Ion Ratio Lower Upper

139 100

65 43.3 36.3 54.5

109 25.5 26.4 39.6#



#30

4-Chloroaniline

Concen: 1.79 ng/ul

RT: 11.00 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BG026602.D

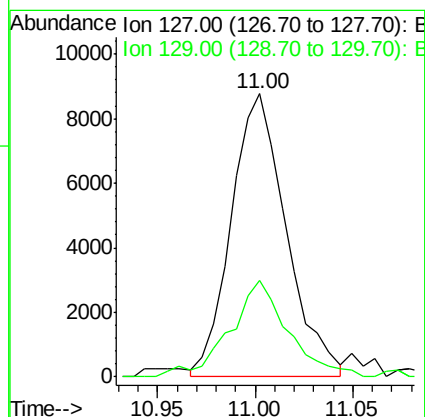
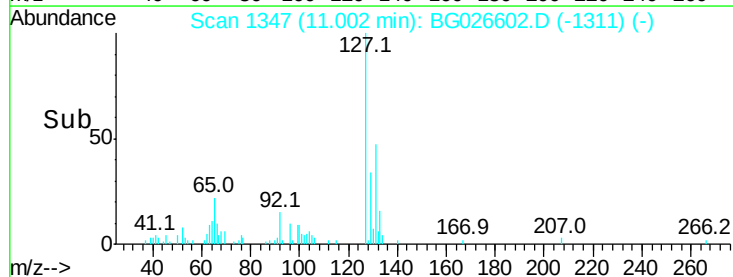
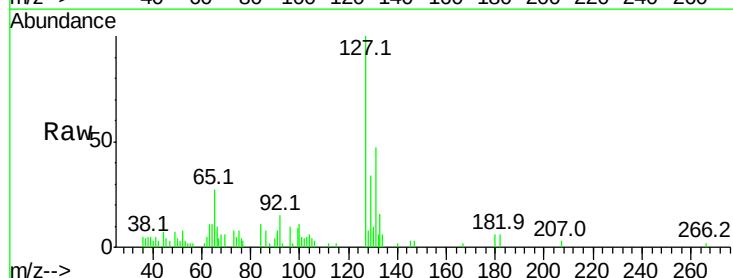
Acq: 7 Apr 2017 17:58

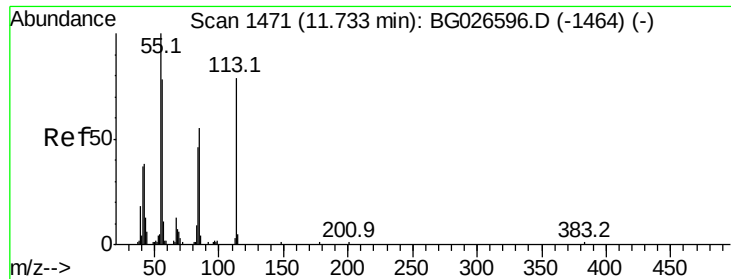
Tgt Ion:127 Resp: 17126

Ion Ratio Lower Upper

127 100

129 34.2 25.4 38.2

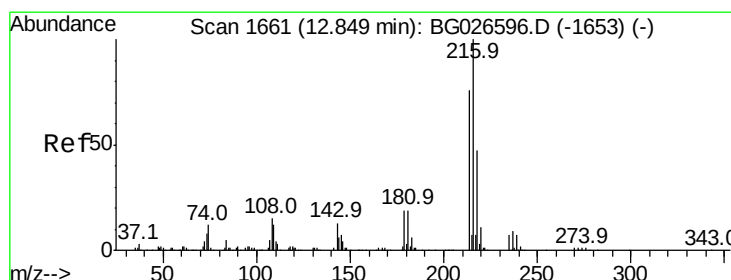
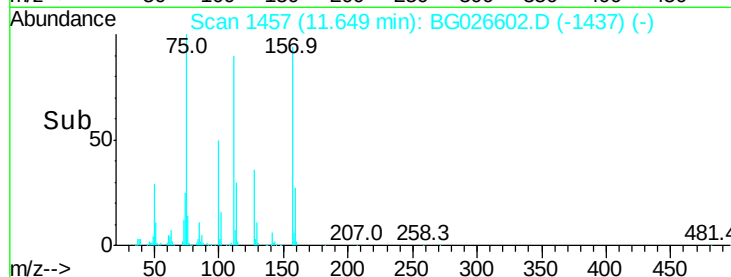
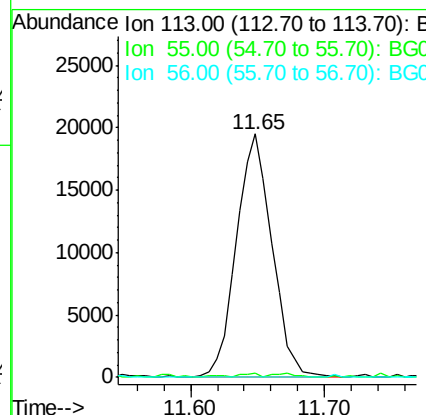
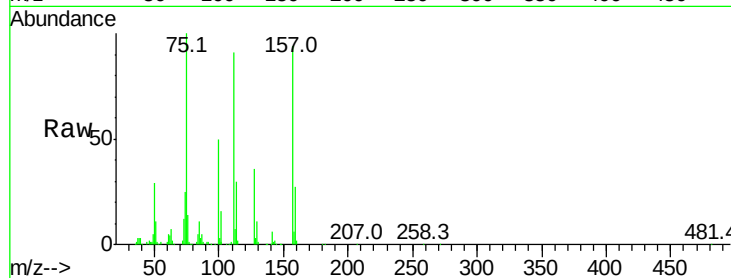




#32
Caprolactam
Concen: 10.30 ng/ul
RT: 11.65 min Scan# 1457
Delta R.T. -0.08 min
Lab File: BG026602.D
Acq: 7 Apr 2017 17:58

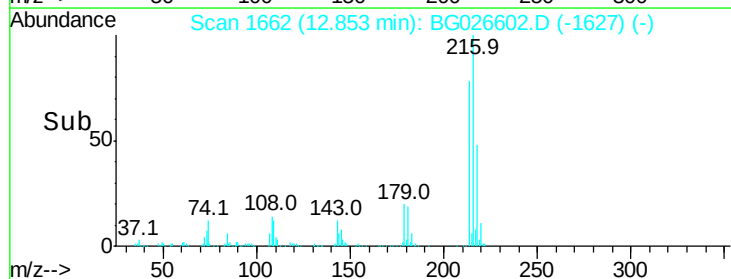
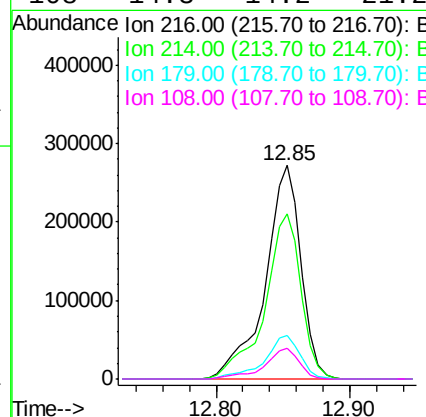
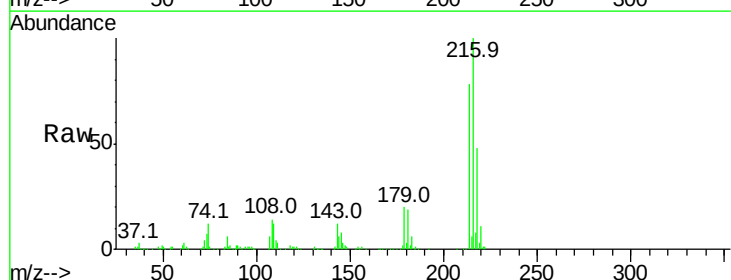
Instrument :
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C0BQ2

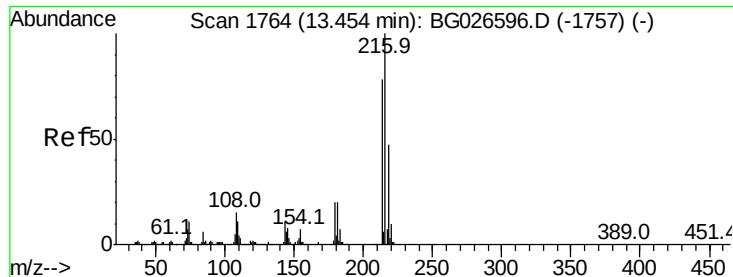
Tot Ion:113 Resp: 36169
Ion Ratio Lower Upper
113 100
55 1.8 101.9 152.9#
56 0.0 81.2 121.8#



#36
1,2,4,5-Tetrachlorobenzene
Concen: 42.64 ng/ul
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG026602.D
Acq: 7 Apr 2017 17:58

Tgt Ion:216 Resp: 507257
Ion Ratio Lower Upper
216 100
214 77.6 62.5 93.7
179 20.3 18.2 27.2
108 14.3 14.2 21.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 141.29 ng/uL

RT: 13.46 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BG026602.D

Acq: 7 Apr 2017 17:58

Instrument :

BNA_G

ClientSampleId :

C0BQ2

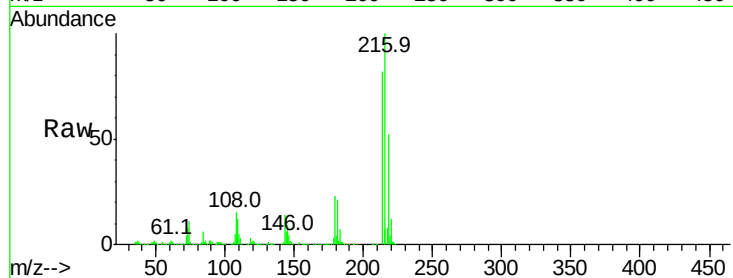
Tot Ion:216 Resp: 1718814

Ion	Ratio	Lower	Upper
216	100		
214	81.9	62.5	93.7
218	51.7	38.4	57.6

216 100

214 81.9 62.5 93.7

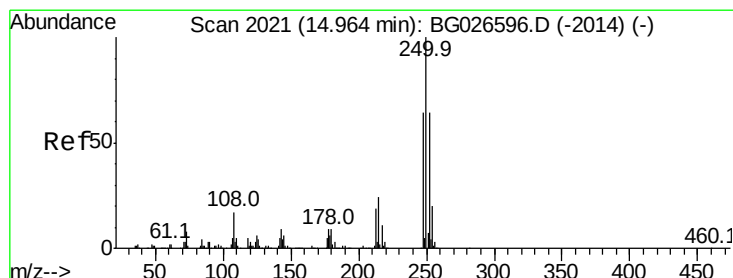
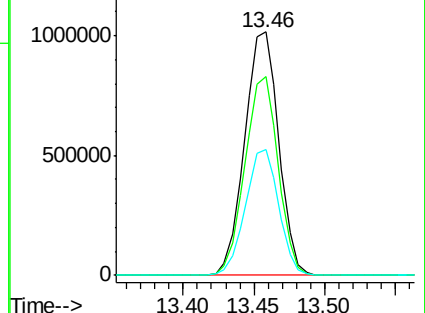
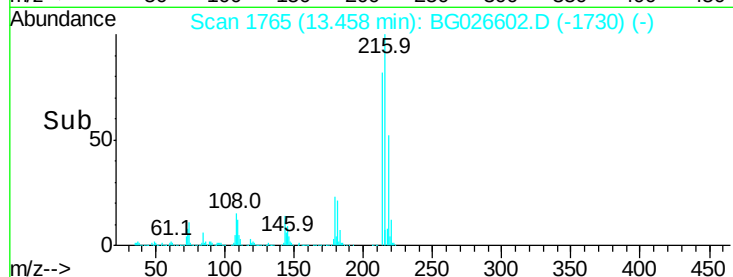
218 51.7 38.4 57.6



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



#73

Pentachlorobenzene

Concen: 3.51 ng/uL

RT: 14.97 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG026602.D

Acq: 7 Apr 2017 17:58

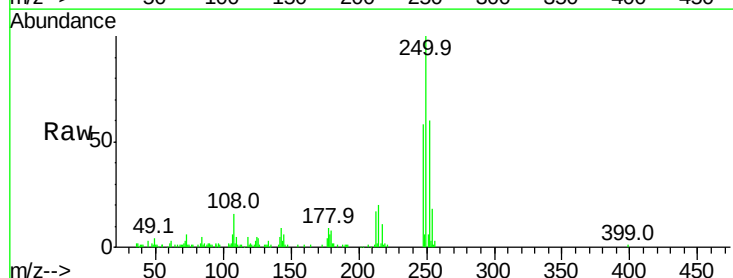
Tgt Ion:250 Resp: 48641

Ion	Ratio	Lower	Upper
250	100		
248	58.1	50.6	75.8
252	60.1	51.4	77.0

250 100

248 58.1 50.6 75.8

252 60.1 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

