

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032717\
 Data File : BG026443.D
 Acq On : 27 Mar 2017 21:51
 Operator : SJ/MA
 Sample : I2358-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 01:24:19 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	8.05	152	180547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	740853	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	427327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1003579	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1203081	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1187502	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	1017	0.27	ng/uL	0.00
5) Phenol-d5	7.21	99	16924	1.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	49091	6.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	62178	5.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	34419	3.21	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	35942	6.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	42995	6.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	66473	5.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	1535	0.14	ng/ul	0.01
43) Dimethylphthalate-d6	14.05	166	240706	7.27	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	282299	6.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	3901	0.61	ng/ul	0.04
57) Fluorene-d10	15.63	176	225697	7.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	36731	5.69	ng/ul	0.00
70) Anthracene-d10	17.48	188	343733	7.54	ng/ul	0.00
78) Pyrene-d10	19.75	212	410307	7.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	378144	7.41	ng/ul	0.00

Target Compounds

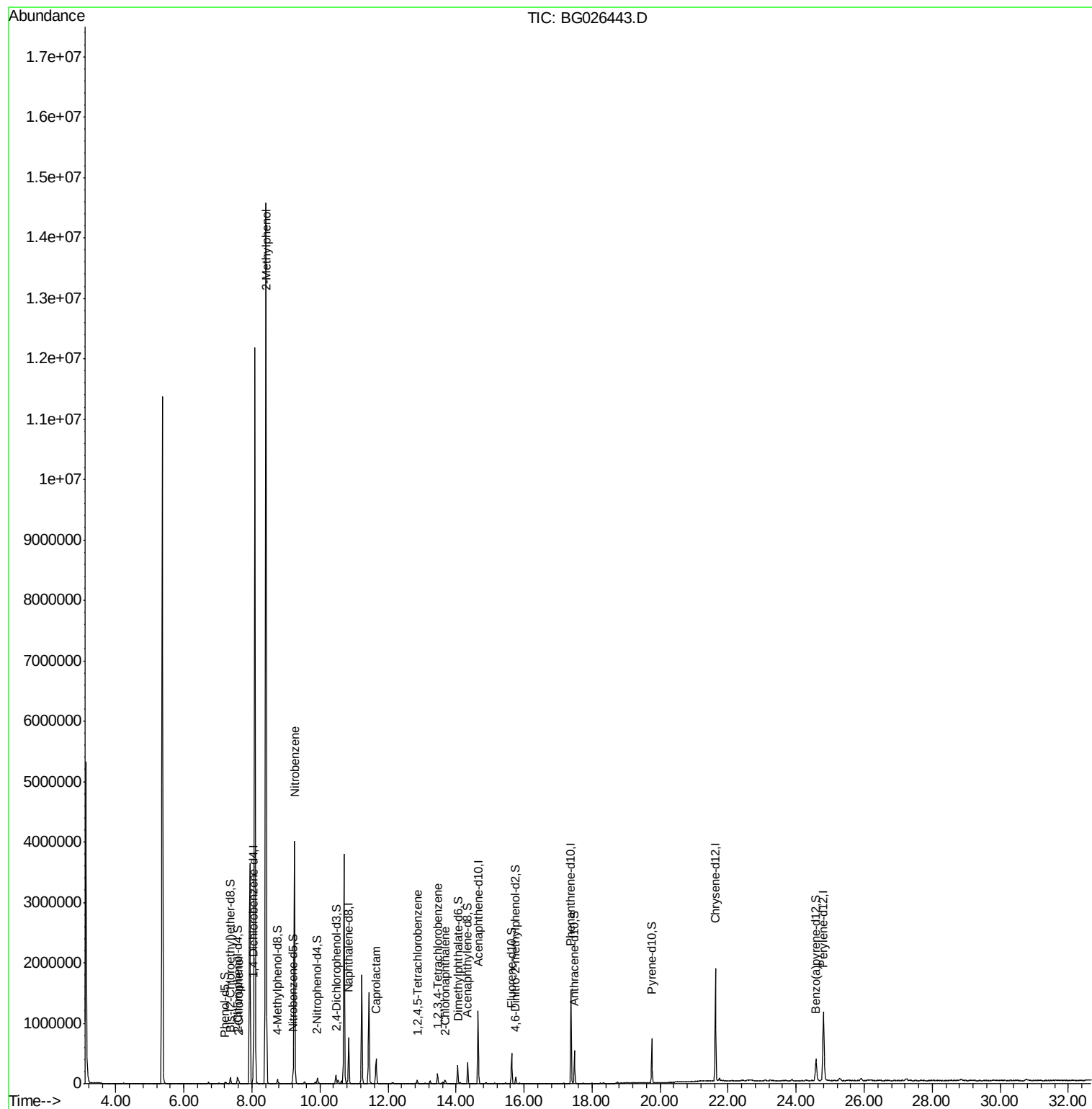
						Ovalue
10) 2-Chlorophenol	7.61	128	29280	2.54	ng/ul	95
11) 2-Methylphenol	8.41	108	68945	6.35	ng/ul	96
20) Nitrobenzene	9.25	77	2548590	242.28	ng/ul#	86
32) Caprolactam	11.65	113	35148	8.85	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	20489	1.52	ng/ul#	96
41) 2-Chloronaphthalene	13.68	162	26862	1.04	ng/ul#	40
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	59314	4.49	ng/uL	99

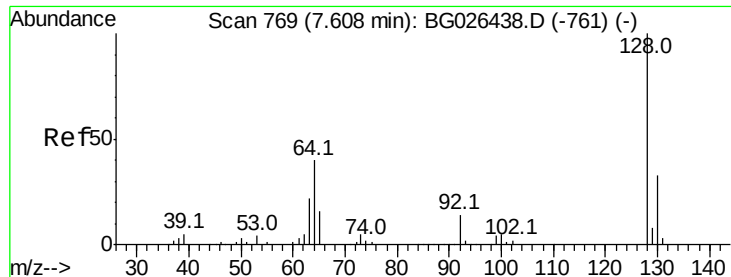
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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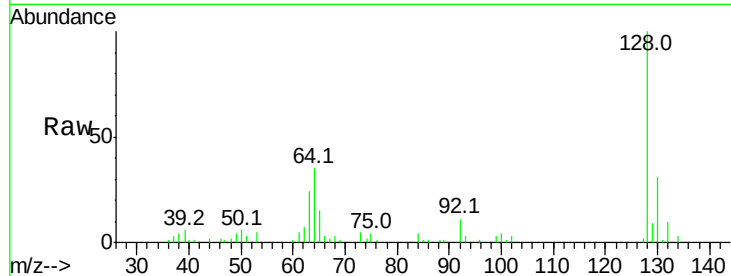




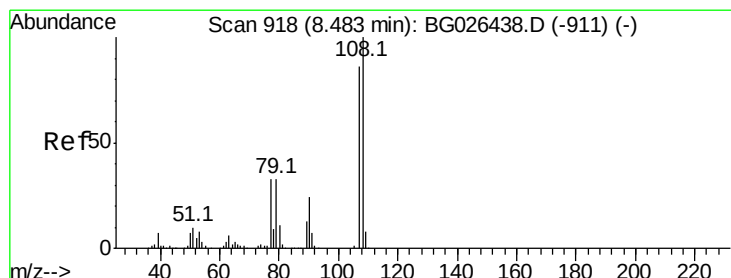
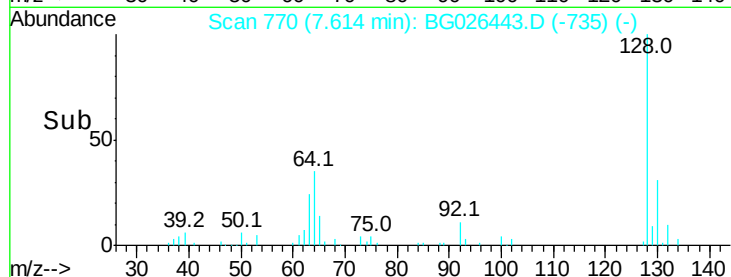
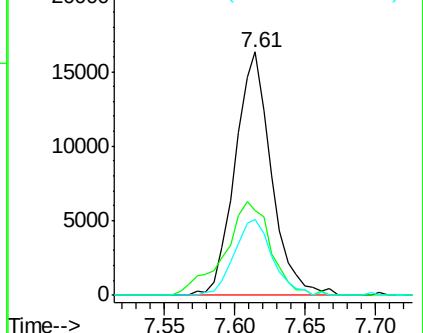
#10
2-Chlorophenol
Concen: 2.54 ng/ul
RT: 7.61 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG026443.D
Acq: 27 Mar 2017 21:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 29280
Ion Ratio Lower Upper
128 100
64 34.8 31.9 47.9
130 31.1 25.6 38.4

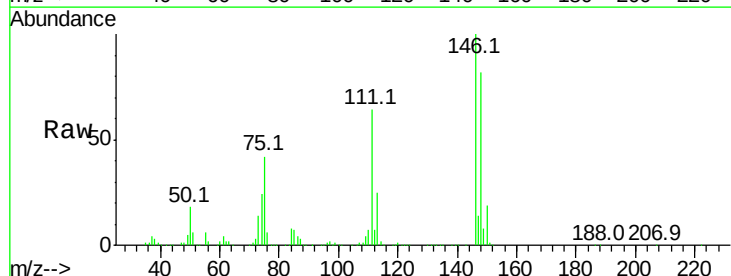


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

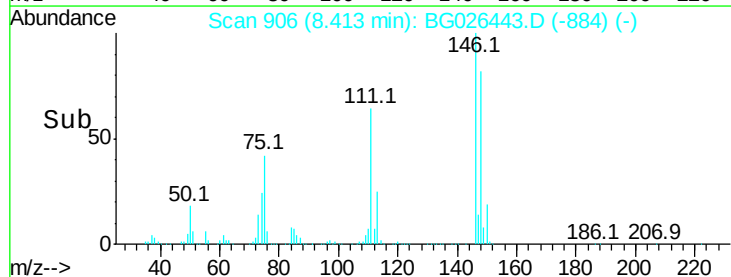
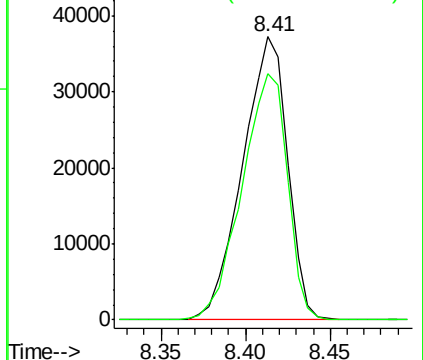


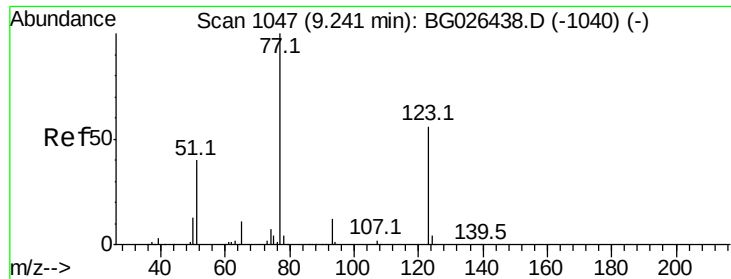
#11
2-Methylphenol
Concen: 6.35 ng/ul
RT: 8.41 min Scan# 906
Delta R.T. -0.07 min
Lab File: BG026443.D
Acq: 27 Mar 2017 21:51

Tgt Ion:108 Resp: 68945
Ion Ratio Lower Upper
108 100
107 87.0 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

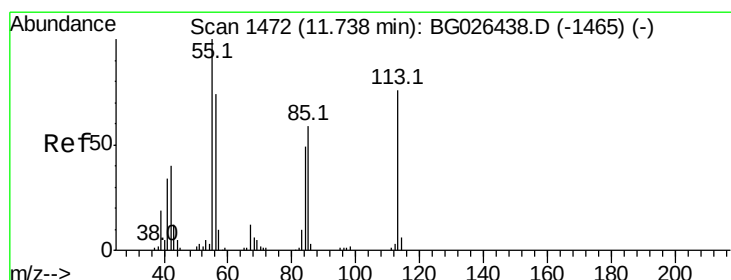
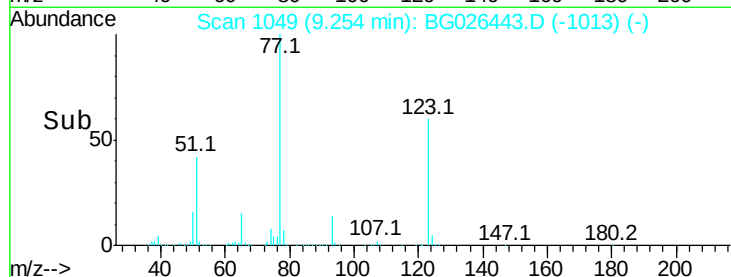
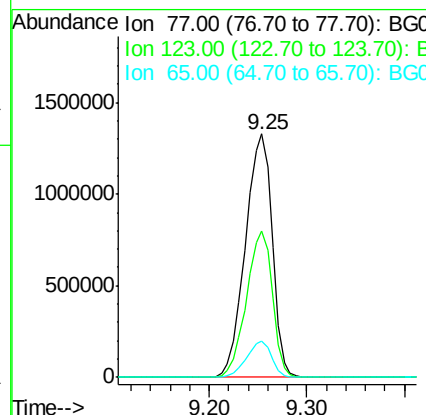
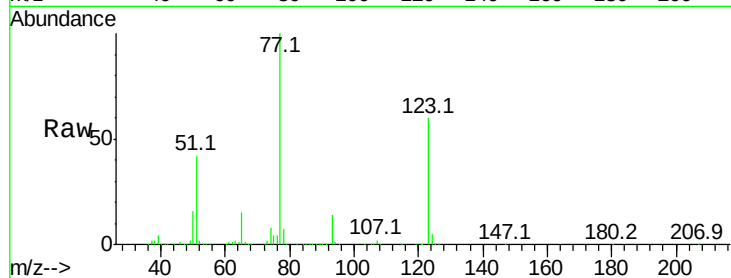




#20
Nitrobenzene
Concen: 242.28 ng/ul
RT: 9.25 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BG026443.D
Acq: 27 Mar 2017 21:51

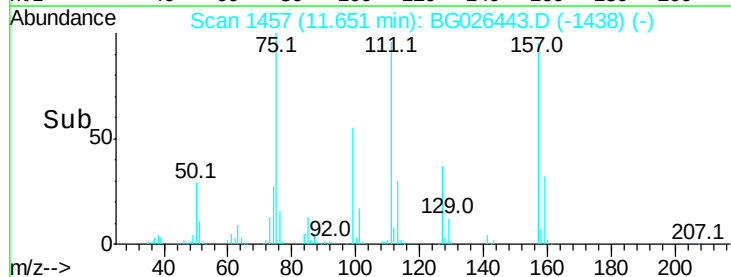
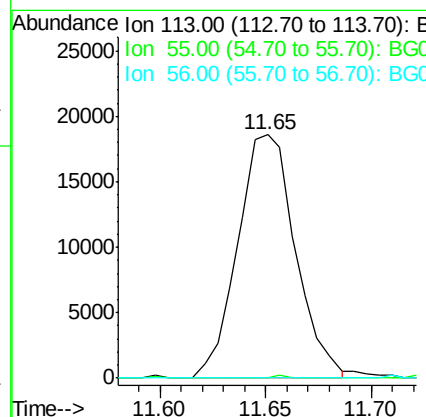
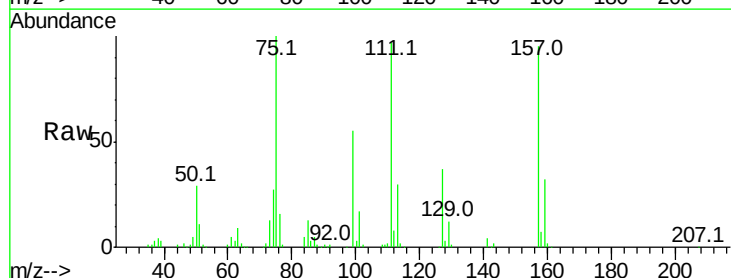
Instrument :
BNA_G
ClientSampleId :

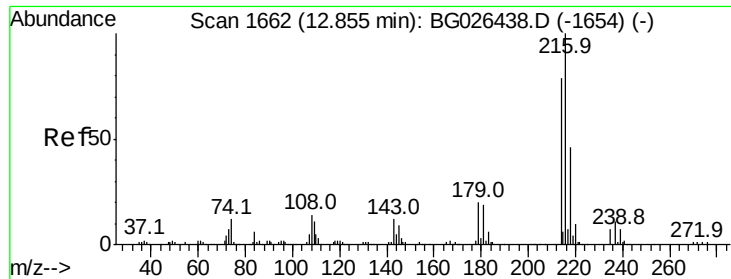
Tot Ion: 77 Resp: 2548590
Ion Ratio Lower Upper
77 100
123 59.9 39.0 58.4#
65 14.7 10.4 15.6



#32
Caprolactam
Concen: 8.85 ng/ul
RT: 11.65 min Scan# 1457
Delta R.T. -0.09 min
Lab File: BG026443.D
Acq: 27 Mar 2017 21:51

Tgt Ion: 113 Resp: 35148
Ion Ratio Lower Upper
113 100
55 0.0 101.9 152.9#
56 0.0 81.2 121.8#

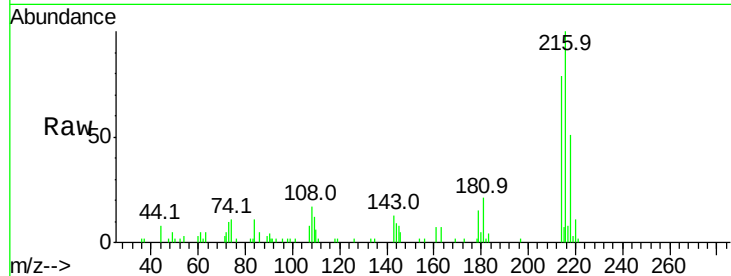




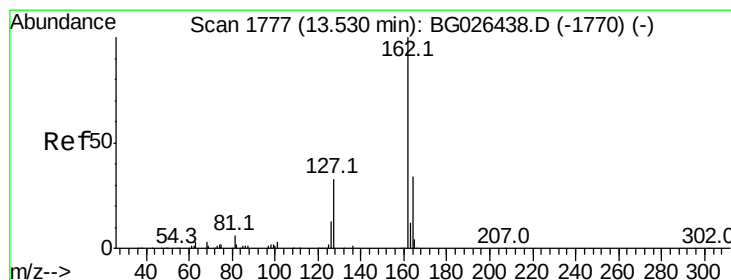
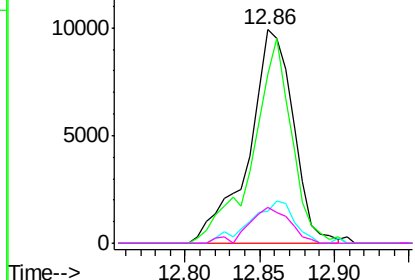
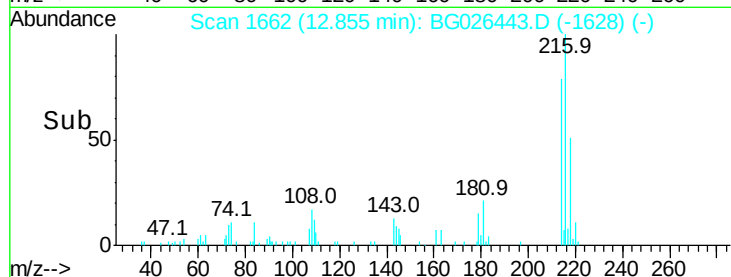
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.52 ng/ul
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BG026443.D
 Acq: 27 Mar 2017 21:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	20489
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.5	93.7
179	14.8	18.2	27.2#
108	16.6	14.2	21.2

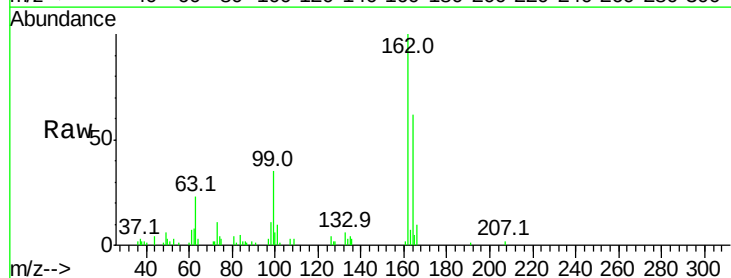


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

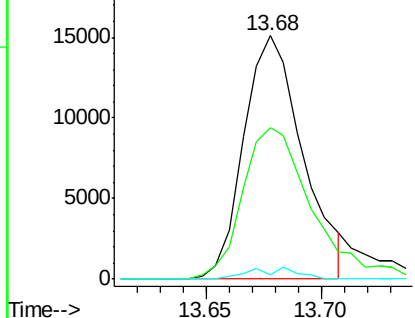
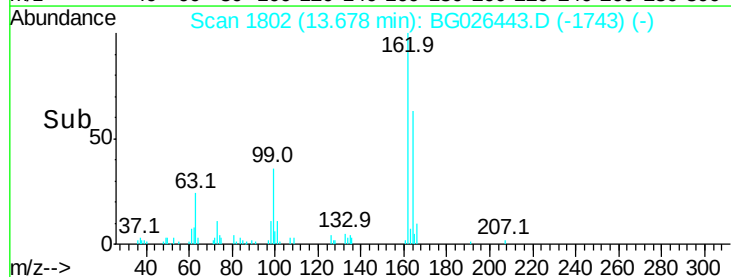


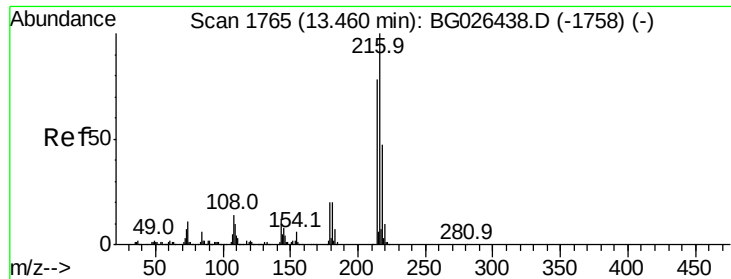
#41
 2-Chloronaphthalene
 Concen: 1.04 ng/ul
 RT: 13.68 min Scan# 1802
 Delta R.T. 0.15 min
 Lab File: BG026443.D
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Tgt Ion:	162	Resp:	26862
Ion	Ratio	Lower	Upper
162	100		
164	62.2	25.9	38.9#
127	1.6	34.1	51.1#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 4.49 ng/uL

RT: 13.46 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BG026443.D

Acq: 27 Mar 2017 21:51

Instrument :

BNA_G

ClientSampleId :

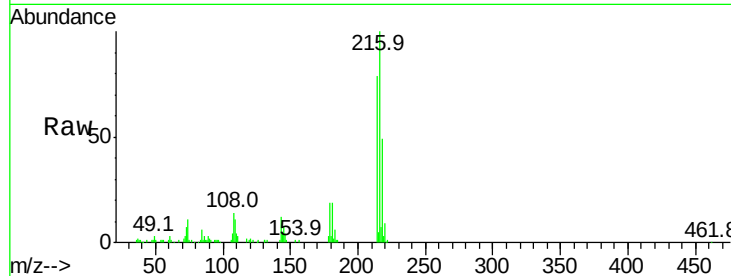
Tot Ion:216 Resp: 59314

Ion Ratio Lower Upper

216 100

214 78.9 62.5 93.7

218 48.8 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

