

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
 Data File : BG021555.D
 Acq On : 29 Mar 2016 15:52
 Operator : UM/SJ
 Sample : H1935-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD0

Quant Time: Mar 30 01:13:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 30 01:11:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	15356	20.00	ng/ul	0.01
18) Naphthalene-d8	10.87	136	71333	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	45706	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	107241	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	110461	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	106325	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	264	0.77	ng/uL	0.00
5) Phenol-d5	7.35	99	6400	4.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.38	67	24325	28.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	25784	23.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	15443	12.42	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	17817	33.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	19747	32.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	30998	28.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	1838	1.29	ng/ul	0.01
44) Dimethylphthalate-d6	14.08	166	116711	30.67	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	145856	31.09	ng/ul	0.00
52) 4-Nitrophenol-d4	15.11	143	1765	2.90	ng/ul	0.02
58) Fluorene-d10	15.66	176	106332	30.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	21349	30.13	ng/ul	0.00
71) Anthracene-d10	17.51	188	161268	30.69	ng/ul	0.00
79) Pyrene-d10	19.79	212	168235	32.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	170922	34.83	ng/ul	0.00

Target Compounds

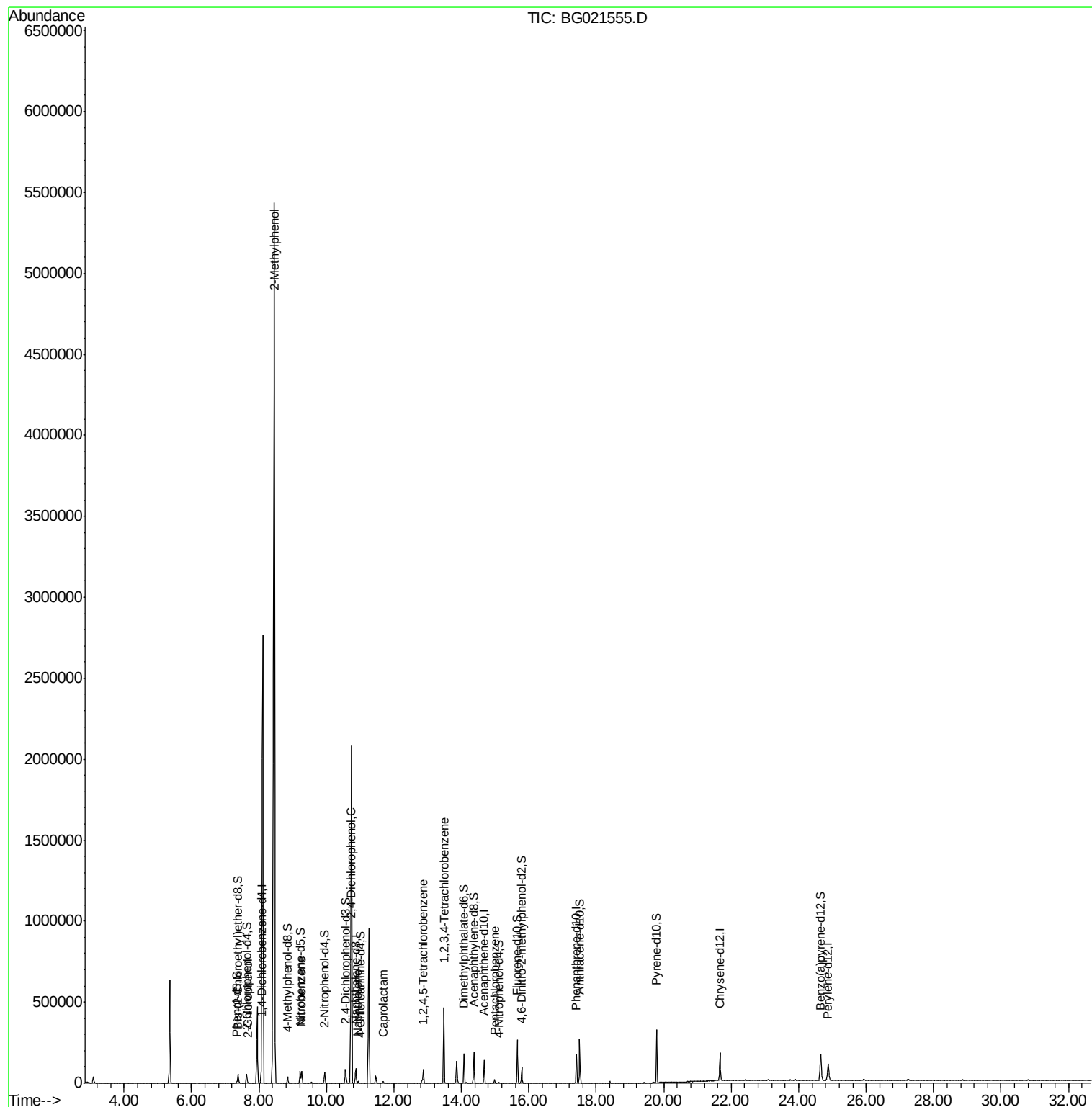
						Qvalue
10) 2-Chlorophenol	7.67	128	1171	1.03	ng/ul#	74
11) 2-Methylphenol	8.46	108	35779	30.29	ng/ul	93
20) Nitrobenzene	9.27	77	44220	29.25	ng/ul	97
27) 2,4-Dichlorophenol	10.71	162	7792	6.86	ng/ul	94
28) Naphthalene	10.93	128	8049	2.13	ng/ul#	81
32) Caprolactam	11.69	113	871	2.04	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	33405	20.88	ng/ul#	94
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	137872	91.82	ng/uL	94
74) Pentachlorobenzene	14.99	250	6349	4.07	ng/uL	90

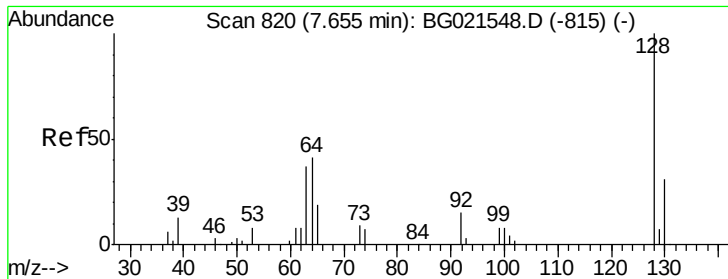
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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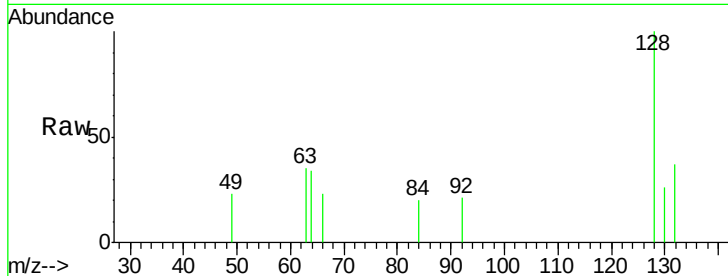




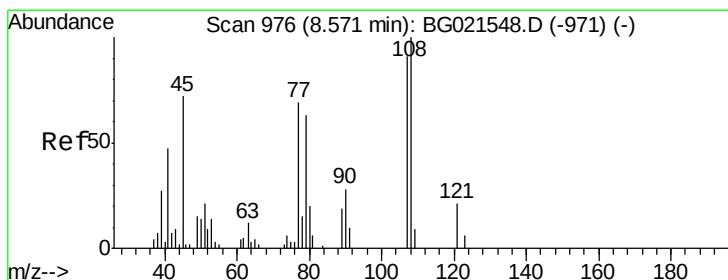
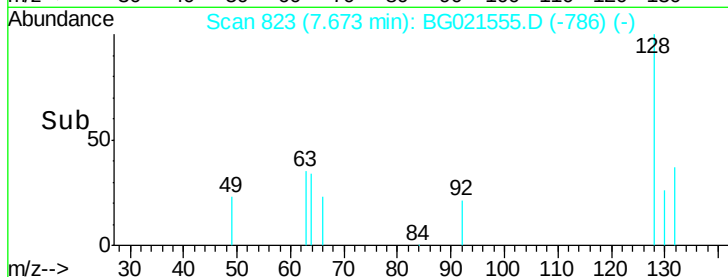
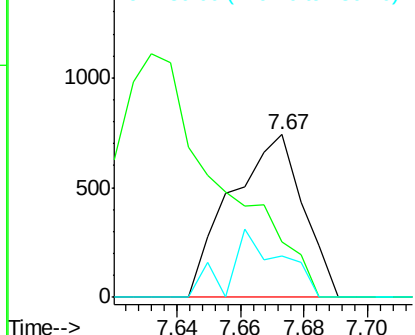
#10
2-Chlorophenol
Concen: 1.03 ng/ul
RT: 7.67 min Scan# 823
Delta R.T. 0.02 min
Lab File: BG021555.D
Acq: 29 Mar 2016 15:52

Instrument :
BNA_G
ClientSampled :
C0AD0

Tgt Ion:128 Resp: 1171
Ion Ratio Lower Upper
128 100
64 34.2 47.0 70.6#
130 25.7 27.8 41.6#

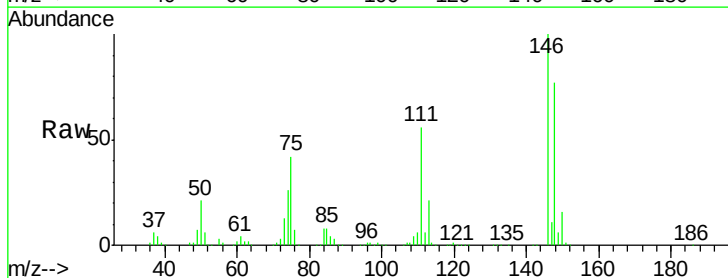


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E

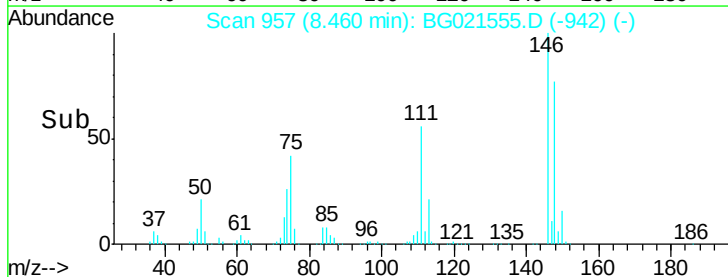
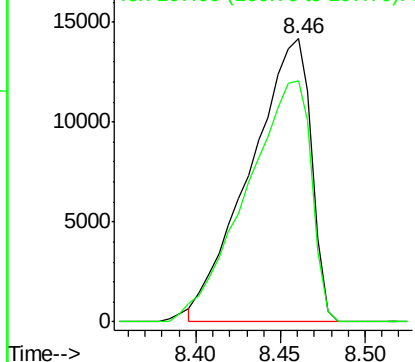


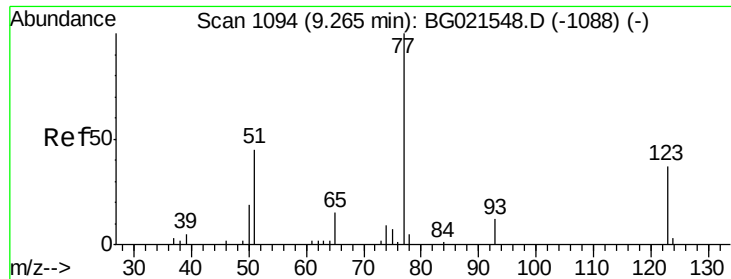
#11
2-Methylphenol
Concen: 30.29 ng/ul
RT: 8.46 min Scan# 957
Delta R.T. -0.11 min
Lab File: BG021555.D
Acq: 29 Mar 2016 15:52

Tgt Ion:108 Resp: 35779
Ion Ratio Lower Upper
108 100
107 85.4 73.4 110.0



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

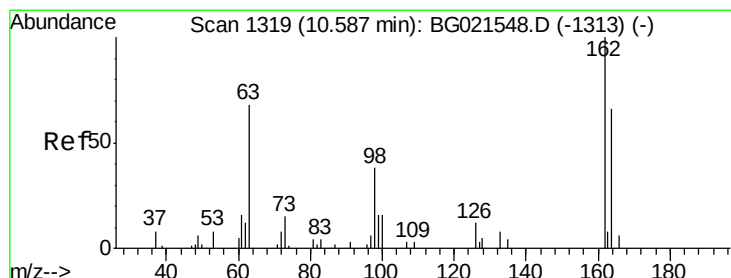
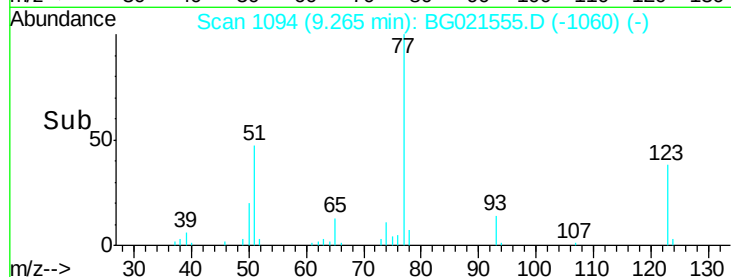
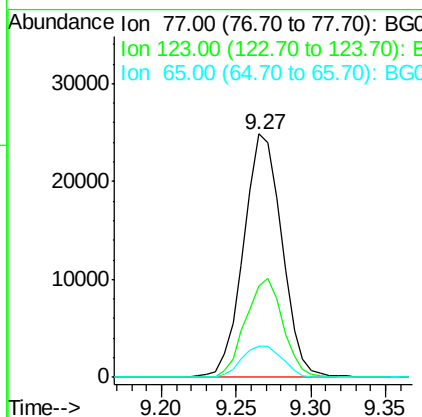
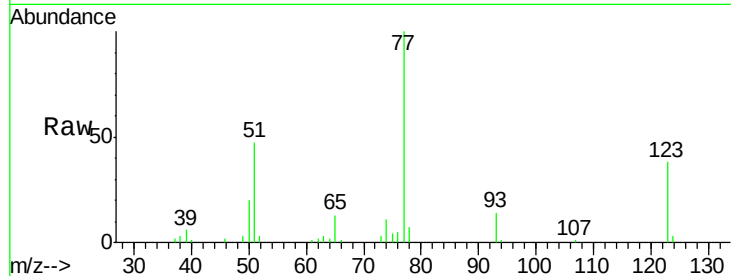




#20
Nitrobenzene
Concen: 29.25 ng/ul
RT: 9.27 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BG021555.D
Acq: 29 Mar 2016 15:52

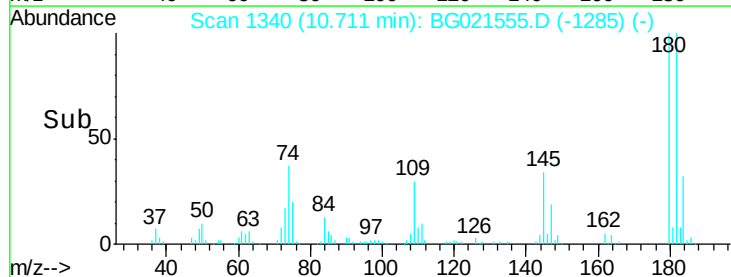
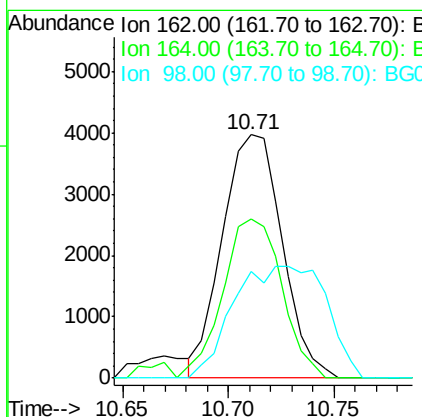
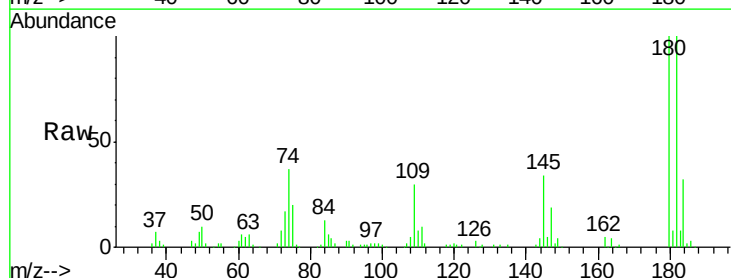
Instrument :
BNA_G
ClientSampleId :
C0AD0

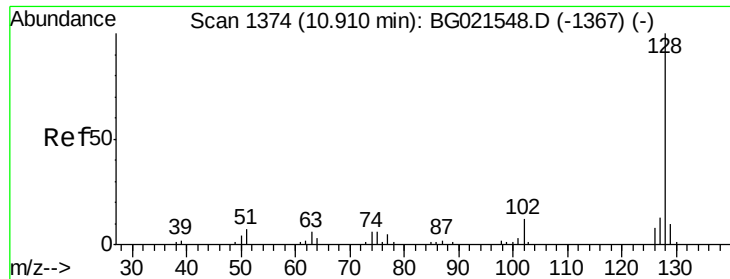
Tgt Ion: 77 Resp: 44220
Ion Ratio Lower Upper
77 100
123 37.6 28.4 42.6
65 12.9 11.0 16.6



#27
2,4-Dichlorophenol
Concen: 6.86 ng/ul
RT: 10.71 min Scan# 1340
Delta R.T. 0.12 min
Lab File: BG021555.D
Acq: 29 Mar 2016 15:52

Tgt Ion: 162 Resp: 7792
Ion Ratio Lower Upper
162 100
164 65.5 50.3 75.5
98 44.1 30.8 46.2

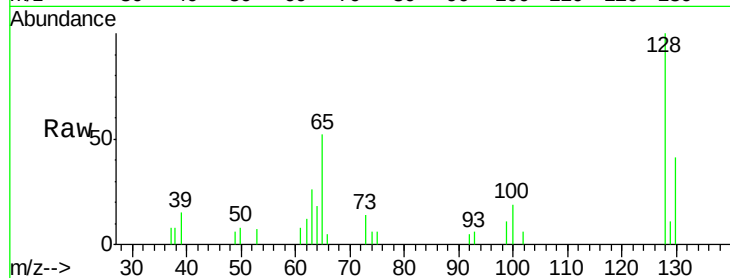




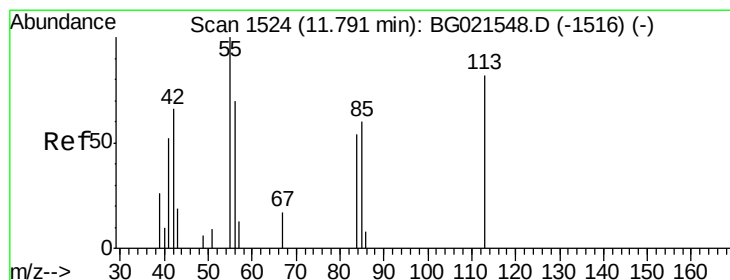
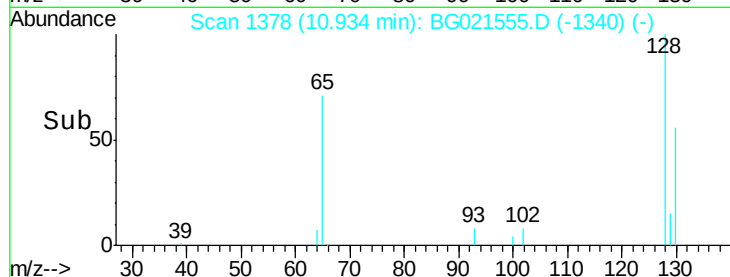
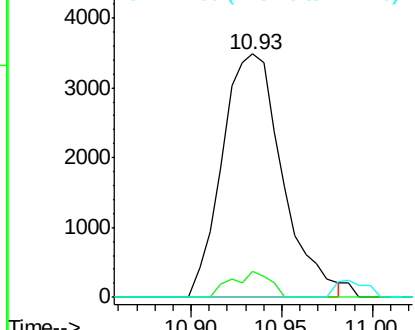
#28
Naphthalene
Concen: 2.13 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.02 min
Lab File: BG021555.D
Acq: 29 Mar 2016 15:52

Instrument :
BNA_G
ClientSampleId :
C0AD0

Tgt Ion:128 Resp: 8049
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 0.0 10.8 16.2#

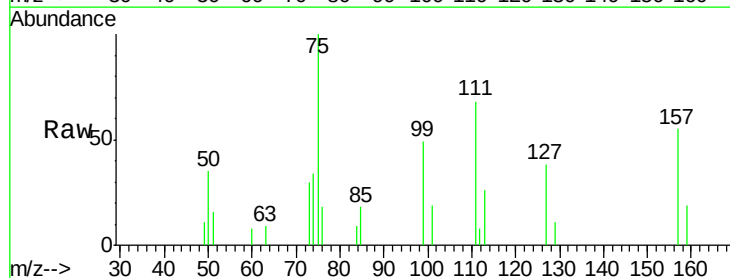


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

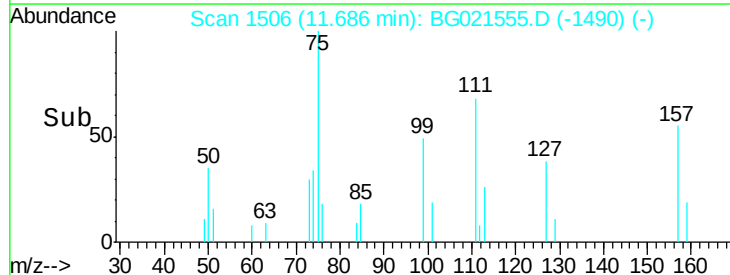
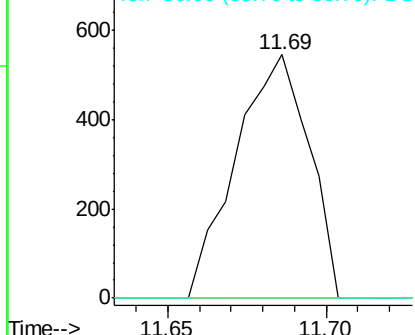


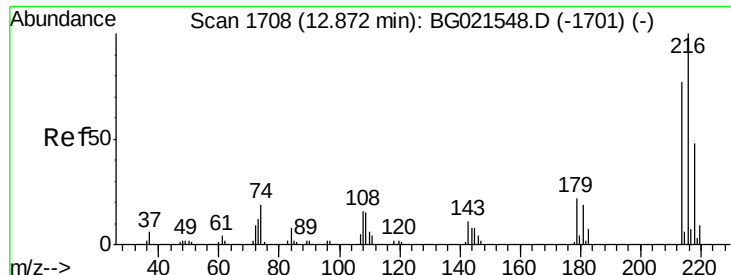
#32
Caprolactam
Concen: 2.04 ng/ul
RT: 11.69 min Scan# 1506
Delta R.T. -0.11 min
Lab File: BG021555.D
Acq: 29 Mar 2016 15:52

Tgt Ion:113 Resp: 871
Ion Ratio Lower Upper
113 100
55 0.0 155.5 233.3#
56 0.0 105.7 158.5#



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

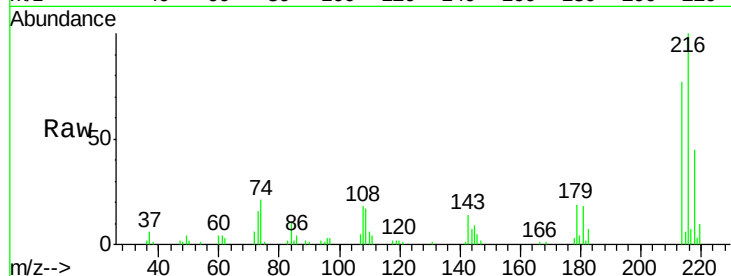




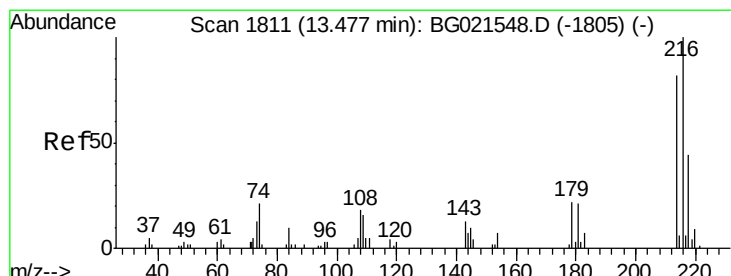
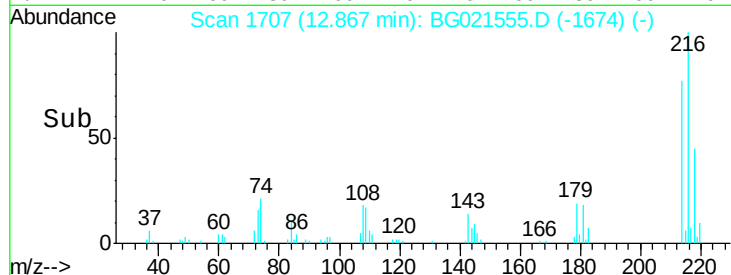
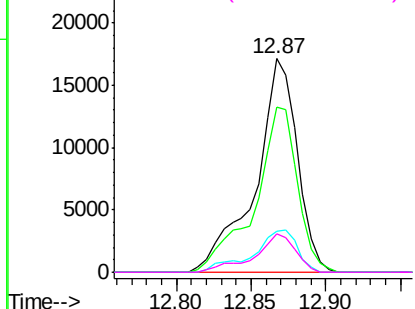
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.88 ng/uL
 RT: 12.87 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG021555.D
 Acq: 29 Mar 2016 15:52

Instrument :
 BNA_G
 ClientSampled :
 C0AD0

Tgt Ion:	216	Resp:	33405
Ion	Ratio	Lower	Upper
216	100		
214	77.1	57.8	86.8
179	19.2	19.5	29.3#
108	18.2	15.8	23.8

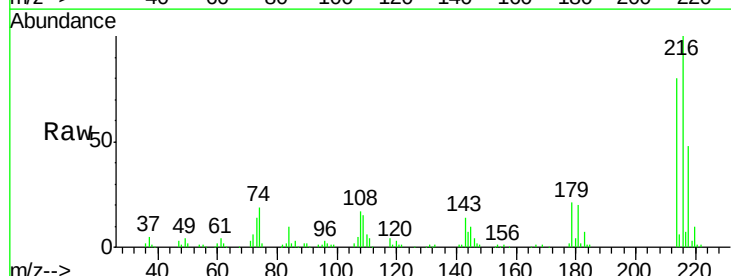


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

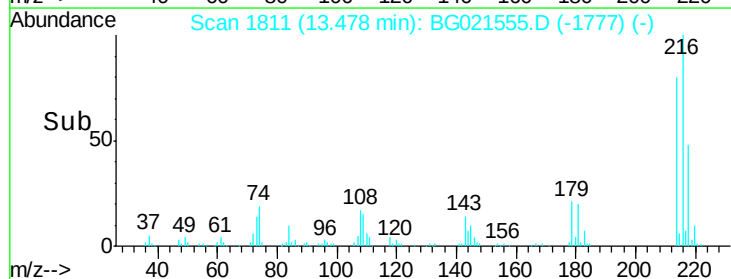
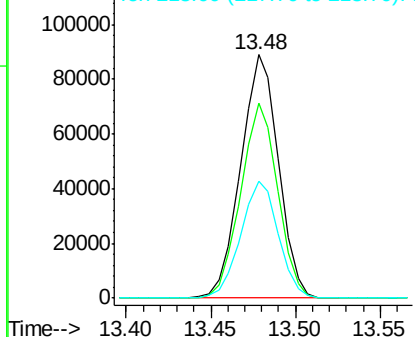


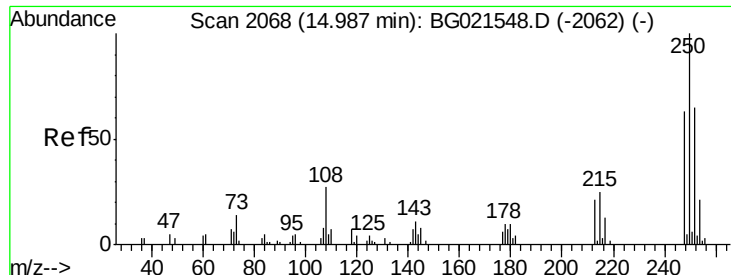
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 91.82 ng/uL
 RT: 13.48 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG021555.D
 Acq: 29 Mar 2016 15:52

Tgt Ion:	216	Resp:	137872
Ion	Ratio	Lower	Upper
216	100		
214	79.8	69.2	103.8
218	48.1	41.4	62.0



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





#74

Pentachlorobenzene

Concen: 4.07 ng/uL

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG021555.D

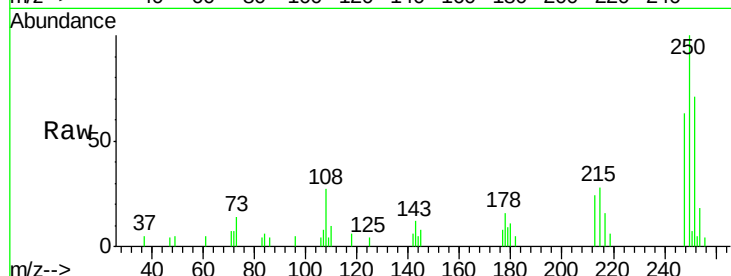
Acq: 29 Mar 2016 15:52

Instrument :

BNA_G

ClientSampleId :

C0AD0



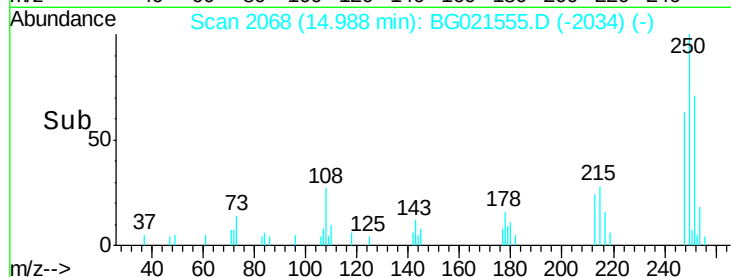
Tgt Ion: 250 Resp: 6349

Ion Ratio Lower Upper

250 100

248 58.4 53.3 79.9

252 70.7 51.1 76.7



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

