

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
 Data File : BG021438.D
 Acq On : 17 Mar 2016 18:43
 Operator : UM/SJ
 Sample : H1785-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC5

Quant Time: Mar 18 04:04:40 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 04:03:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	10914	20.00	ng/ul	0.09
18) Naphthalene-d8	10.91	136	43850	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	27309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	66038	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	77204	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	75369	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	115	0.47	ng/uL	0.00
5) Phenol-d5	7.36	99	5475	5.31	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16176	26.46	ng/ul	0.04
9) 2-Chlorophenol-d4	7.67	132	17032	21.74	ng/ul	0.02
13) 4-Methylphenol-d8	8.91	113	58	0.07	ng/ul	0.06
19) Nitrobenzene-d5	9.27	128	11205	34.06	ng/ul	0.02
22) 2-Nitrophenol-d4	9.98	143	12775	33.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	20270	30.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1101	1.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	78609	34.57	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	95436	34.05	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	1933	5.32	ng/ul	0.02
58) Fluorene-d10	15.69	176	70345	34.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	14010	32.11	ng/ul	0.00
71) Anthracene-d10	17.54	188	118166	36.51	ng/ul	0.00
79) Pyrene-d10	19.81	212	136725	37.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	141694	40.73	ng/ul	0.00

Target Compounds

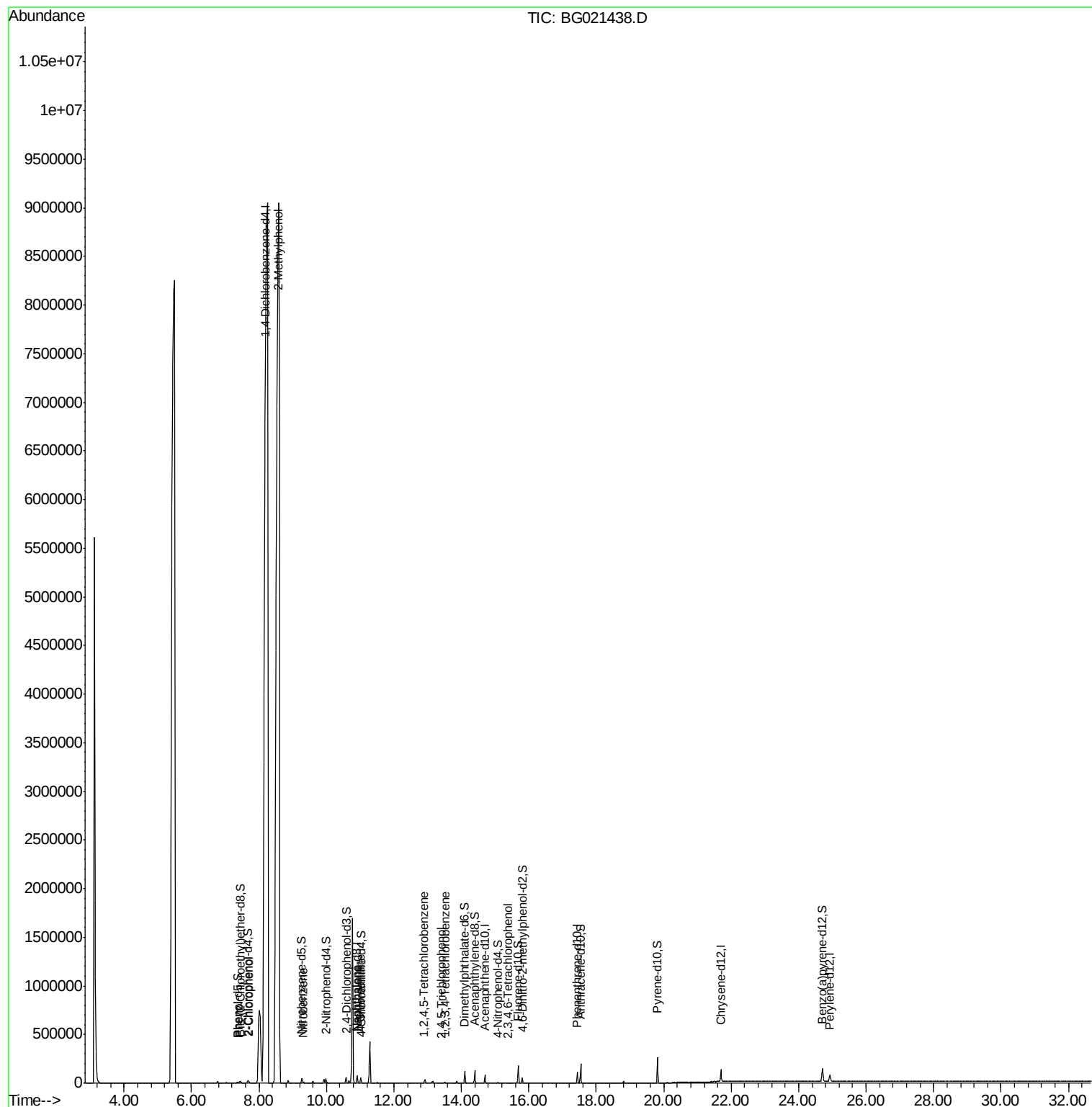
						Ovalue
6) Phenol	7.39	94	3465	3.18	ng/ul	98
10) 2-Chlorophenol	7.70	128	8938	11.10	ng/ul	98
11) 2-Methylphenol	8.57	108	44222	52.68	ng/ul	94
20) Nitrobenzene	9.31	77	5977	6.43	ng/ul	98
28) Naphthalene	10.92	128	17061	7.34	ng/ul#	75
30) 4-Chloroaniline	11.02	127	31352	33.99	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	3091	3.23	ng/ul	98
40) 2,4,5-Trichlorophenol	13.41	196	623	1.02	ng/ul#	78
56) 2,3,4,6-Tetrachlorophenol	15.37	232	1031	2.30	ng/ul#	76
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	4304	4.65	ng/uL	91

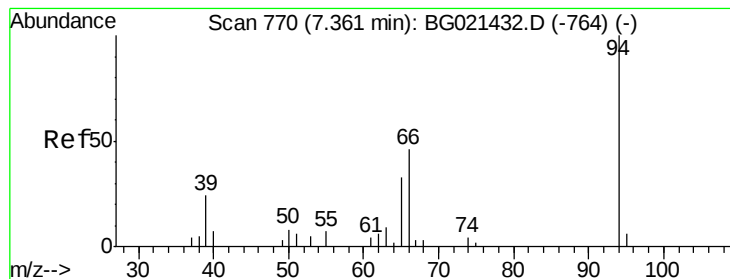
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.18 ng/ul

RT: 7.39 min Scan# 775

Delta R.T. 0.03 min

Lab File: BG021438.D

Acq: 17 Mar 2016 18:43

Instrument :

BNA_G

ClientSampleId :

C0AC5

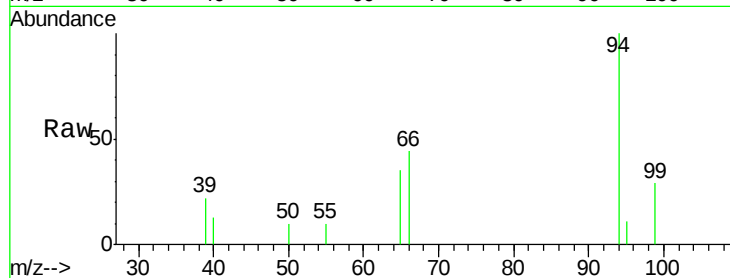
Tot Ion: 94 Resp: 3465

Ion Ratio Lower Upper

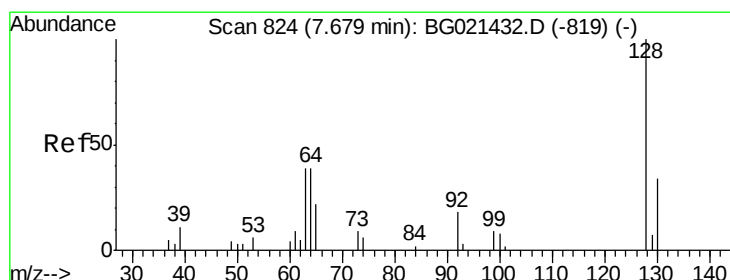
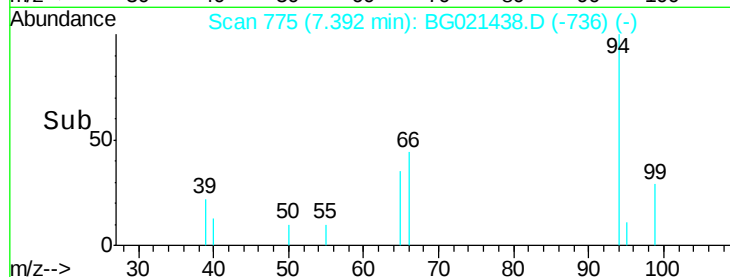
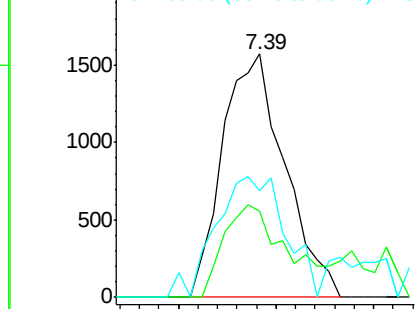
94 100

65 35.3 26.1 39.1

66 43.8 35.0 52.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 11.10 ng/ul

RT: 7.70 min Scan# 828

Delta R.T. 0.02 min

Lab File: BG021438.D

Acq: 17 Mar 2016 18:43

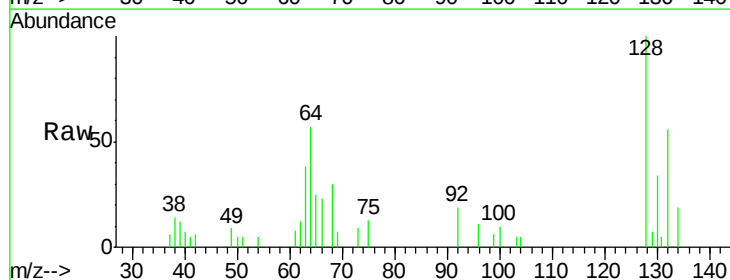
Tgt Ion: 128 Resp: 8938

Ion Ratio Lower Upper

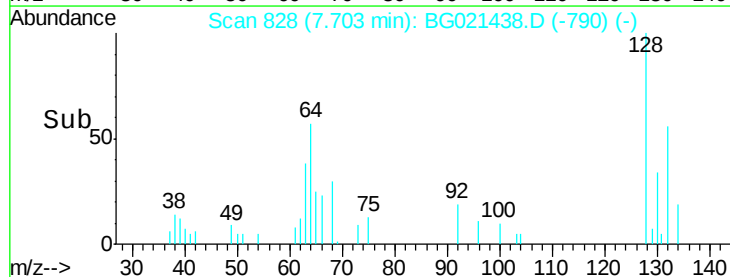
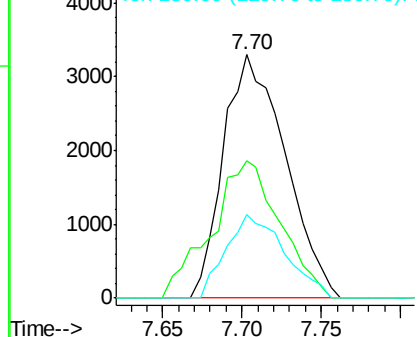
128 100

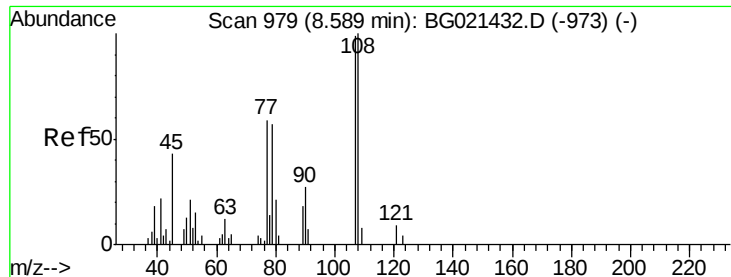
64 56.5 47.0 70.6

130 34.1 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

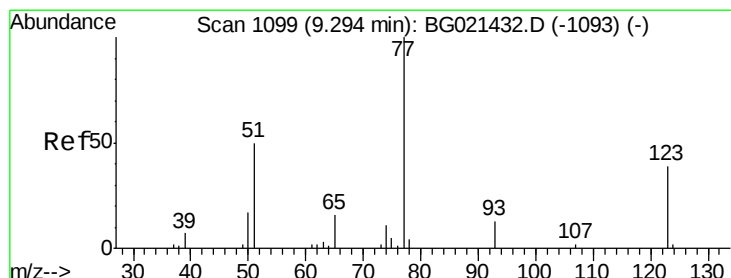
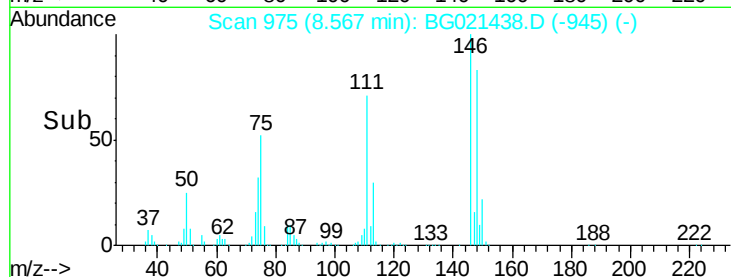
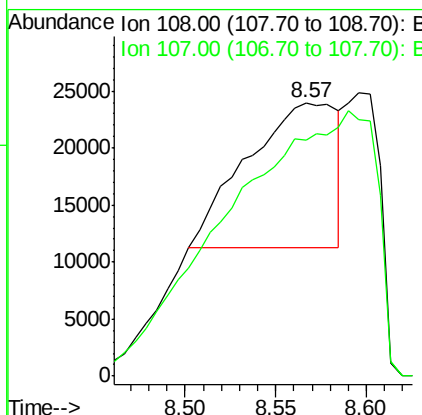
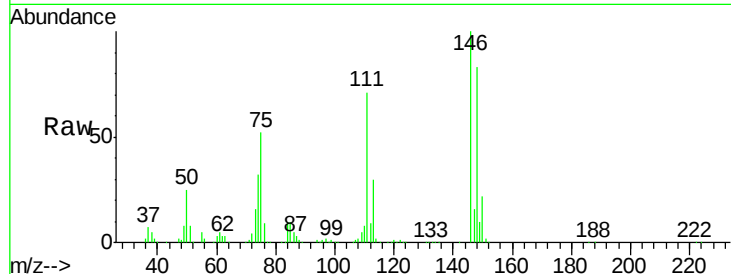




#11
 2-Methylphenol
 Concen: 52.68 ng/ul
 RT: 8.57 min Scan# 975
 Delta R.T. -0.02 min
 Lab File: BG021438.D
 Acq: 17 Mar 2016 18:43

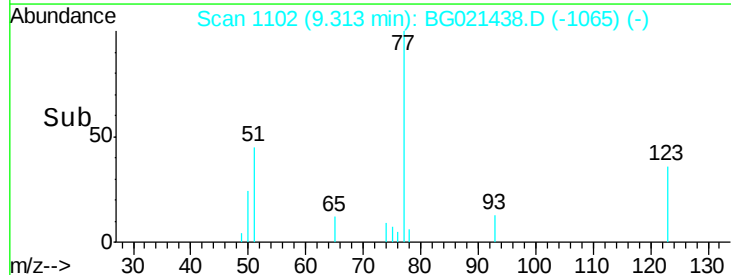
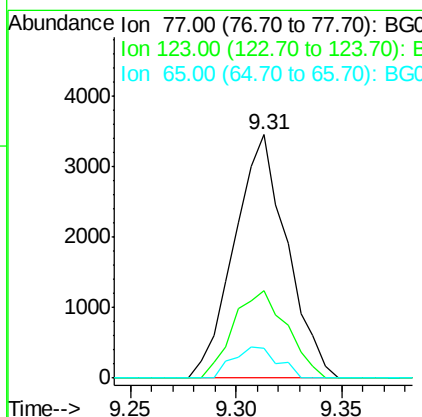
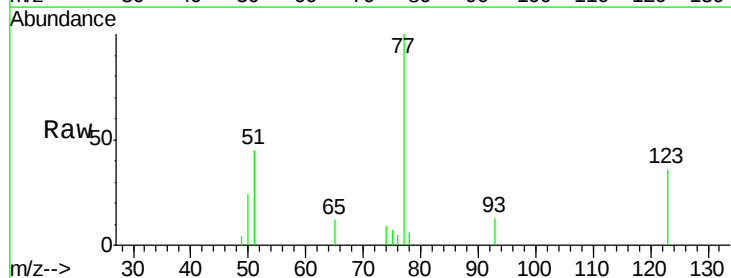
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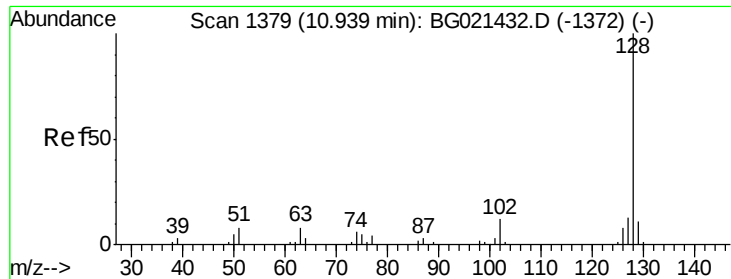
Tot Ion:108 Resp: 44222
 Ion Ratio Lower Upper
 108 100
 107 86.3 73.4 110.0



#20
 Nitrobenzene
 Concen: 6.43 ng/ul
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BG021438.D
 Acq: 17 Mar 2016 18:43

Tgt Ion: 77 Resp: 5977
 Ion Ratio Lower Upper
 77 100
 123 36.1 28.4 42.6
 65 12.3 11.0 16.6

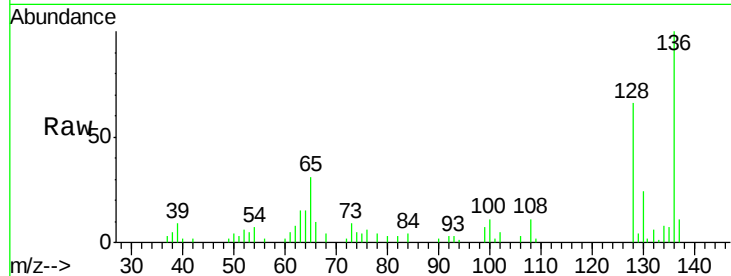




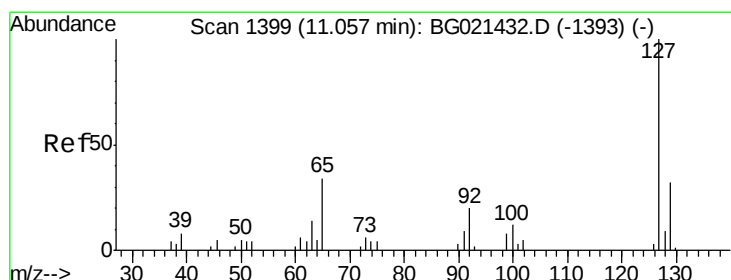
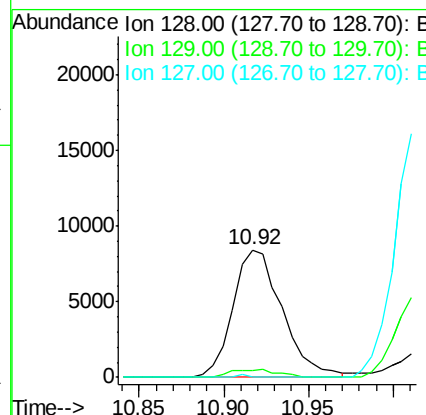
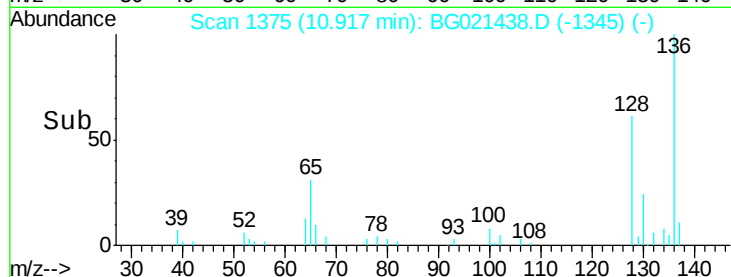
#28
Naphthalene
Concen: 7.34 ng/ul
RT: 10.92 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Instrument :
BNA_G
ClientSampleId :
C0AC5

Tot Ion:128 Resp: 17061
Ion Ratio Lower Upper
128 100
129 5.6 8.3 12.5#
127 0.0 10.8 16.2#

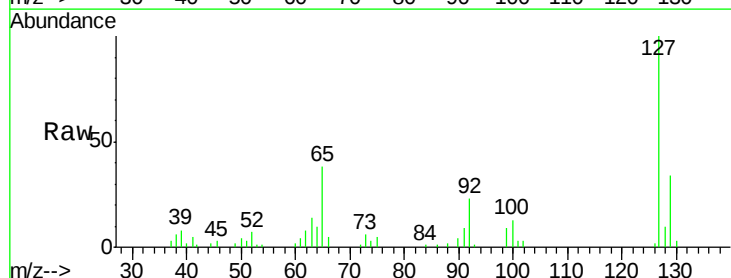


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

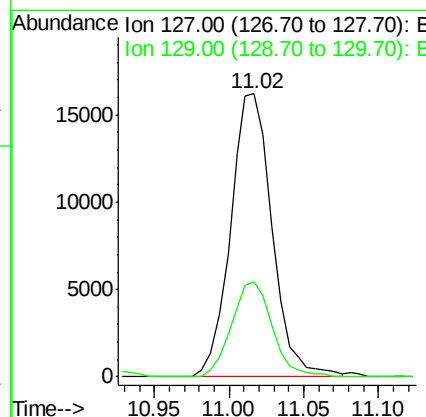
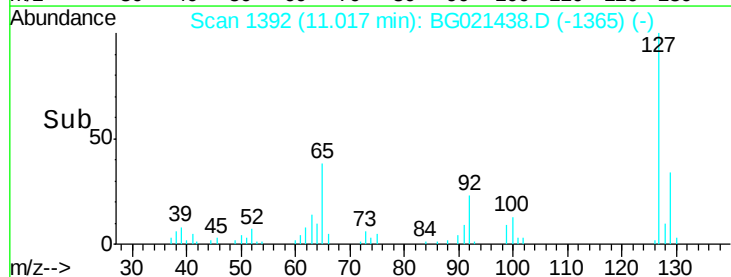


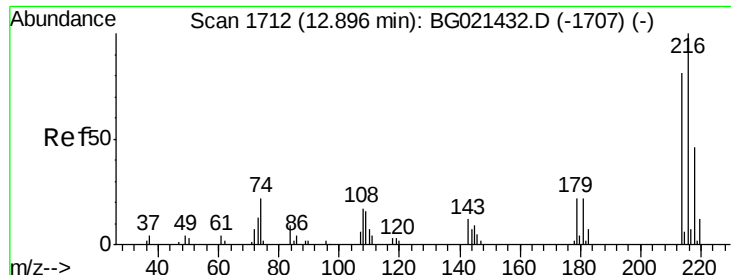
#30
4-Chloroaniline
Concen: 33.99 ng/ul
RT: 11.02 min Scan# 1392
Delta R.T. -0.04 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion:127 Resp: 31352
Ion Ratio Lower Upper
127 100
129 33.6 24.8 37.2



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

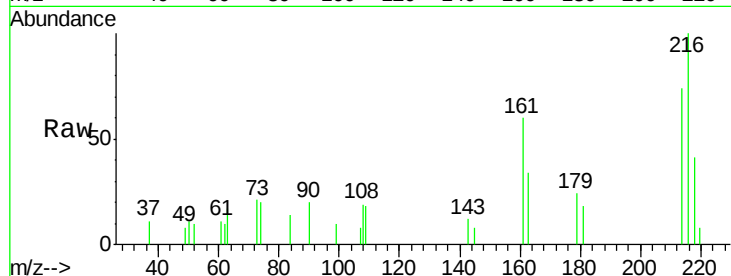




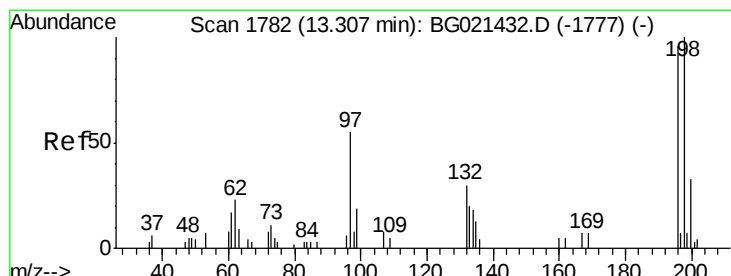
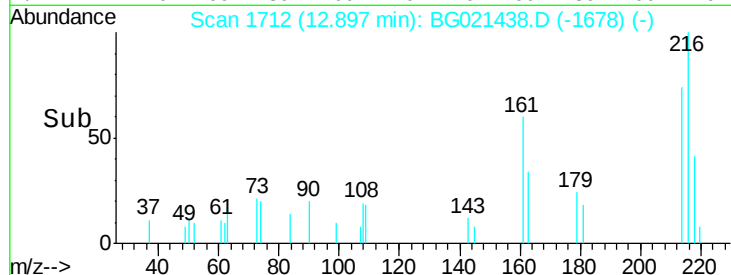
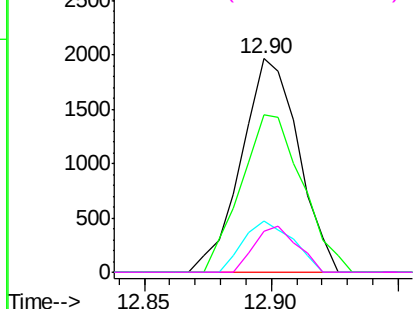
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.23 ng/ul
 RT: 12.90 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG021438.D
 Acq: 17 Mar 2016 18:43

Instrument :
 BNA_G
 ClientSampleId :
 C0AC5

Tot Ion:216 Resp: 3091
 Ion Ratio Lower Upper
 216 100
 214 73.9 57.8 86.8
 179 24.2 19.5 29.3
 108 19.1 15.8 23.8

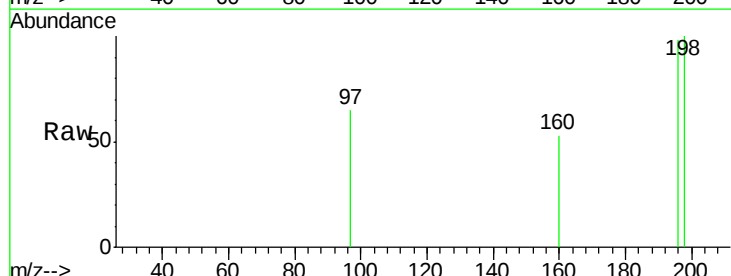


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

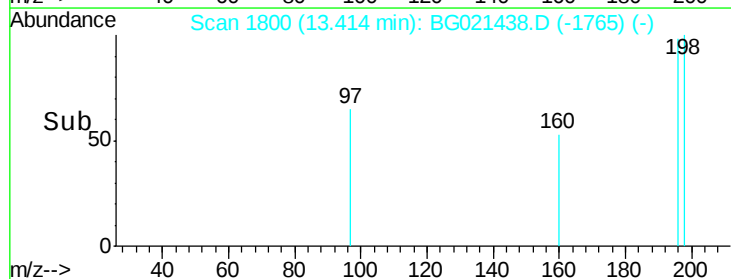
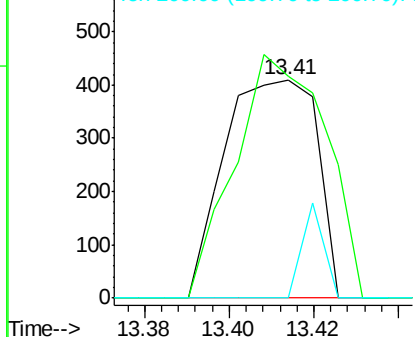


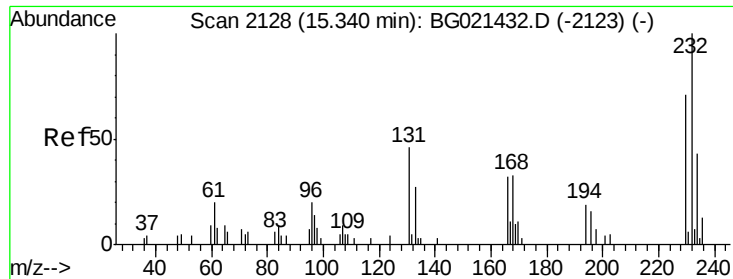
#40
 2,4,5-Trichlorophenol
 Concen: 1.02 ng/ul
 RT: 13.41 min Scan# 1800
 Delta R.T. 0.11 min
 Lab File: BG021438.D
 Acq: 17 Mar 2016 18:43

Tgt Ion:196 Resp: 623
 Ion Ratio Lower Upper
 196 100
 198 101.7 72.2 108.2
 200 0.0 22.2 33.2#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

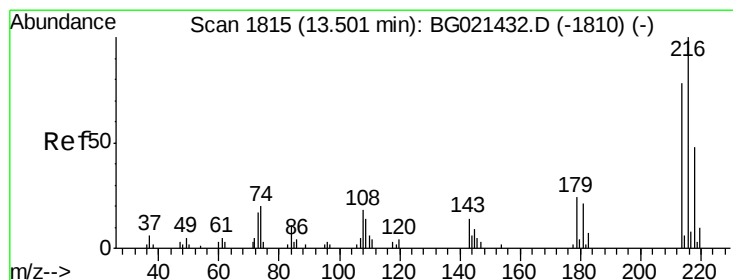
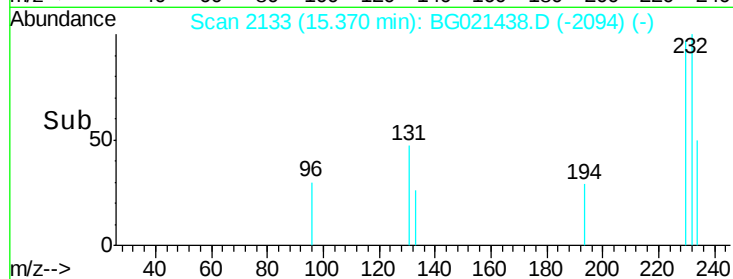
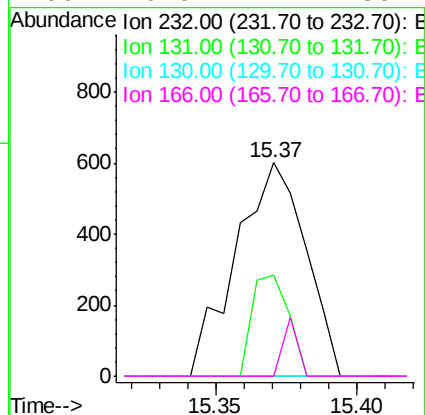
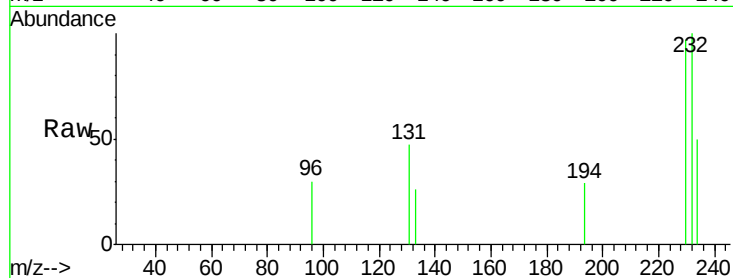




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.30 ng/ul
 RT: 15.37 min Scan# 2133
 Delta R.T. 0.03 min
 Lab File: BG021438.D
 Acq: 17 Mar 2016 18:43

Instrument :
 BNA_G
 ClientSampleId :
 C0AC5

Tot Ion:232 Resp: 1031
 Ion Ratio Lower Upper
 232 100
 131 47.4 42.2 63.2
 130 0.0 2.6 3.8#
 166 0.0 24.2 36.2#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.65 ng/uL
 RT: 13.50 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BG021438.D
 Acq: 17 Mar 2016 18:43

Tgt Ion:216 Resp: 4304
 Ion Ratio Lower Upper
 216 100
 214 74.9 69.2 103.8
 218 49.0 41.4 62.0

