

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033016\
 Data File : BG021588.D
 Acq On : 30 Mar 2016 19:44
 Operator : UM/SJ
 Sample : H1935-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD3DL

Quant Time: Mar 31 10:57:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 02:07:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	9195	20.00	ng/ul	0.02
18) Naphthalene-d8	10.86	136	36953	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	23515	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	62397	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	71113	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	69923	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.38	99	4379	5.04	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.38	67	2861	5.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	3026	4.58	ng/ul	0.01
13) 4-Methylphenol-d8	8.86	113	1547	2.08	ng/ul	0.01
19) Nitrobenzene-d5	9.22	128	1950	7.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	2032	6.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	3227	5.70	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.07	166	13826	7.06	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	16530	6.85	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.65	176	12639	7.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	1694	4.11	ng/ul	0.00
71) Anthracene-d10	17.51	188	22079	7.22	ng/ul	0.00
79) Pyrene-d10	19.79	212	25514	7.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	25453	7.89	ng/ul	0.00

Target Compounds

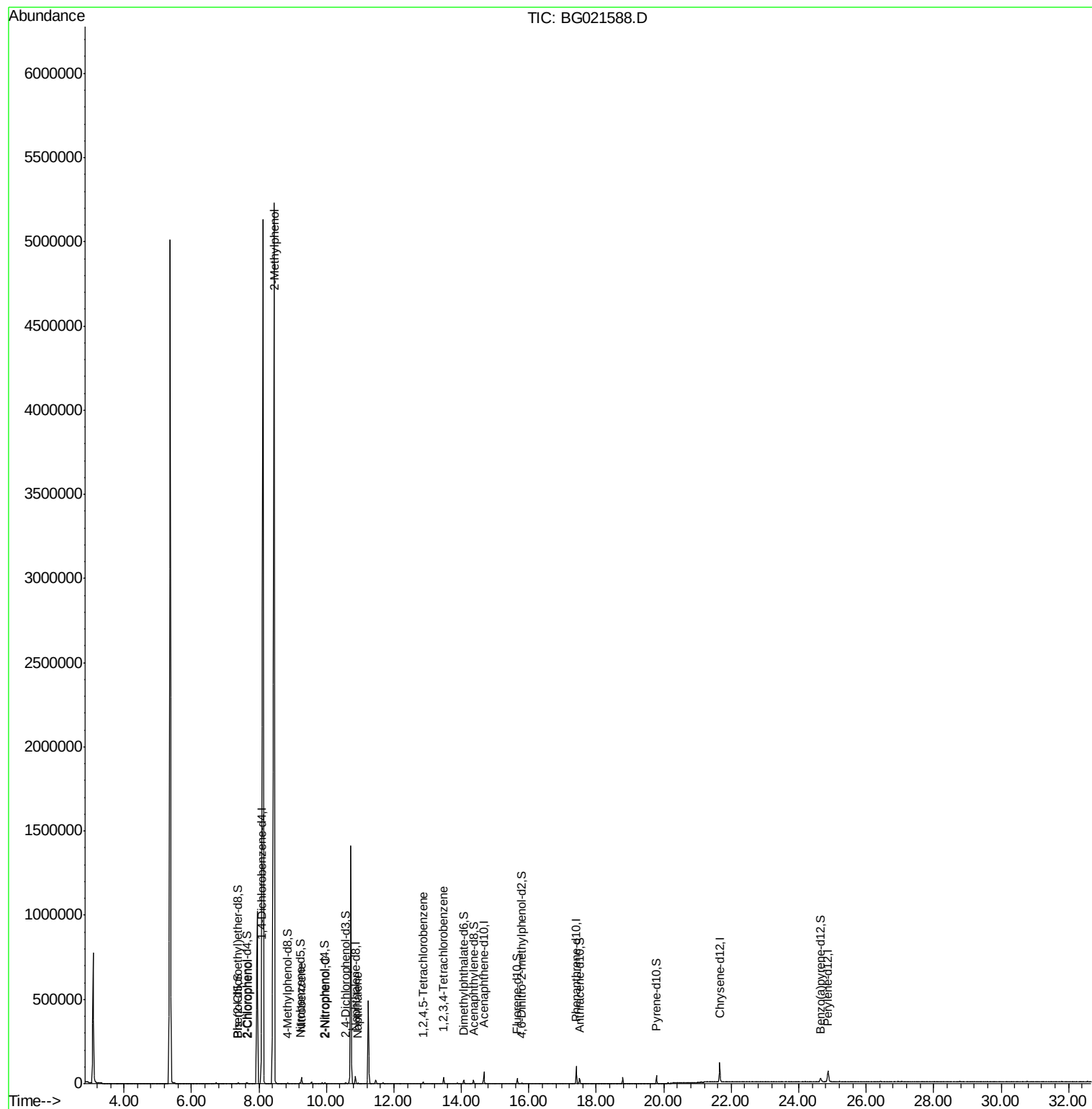
						Qvalue
10) 2-Chlorophenol	7.68	128	2328	3.43	ng/ul#	85
11) 2-Methylphenol	8.46	108	28514	40.32	ng/ul	96
20) Nitrobenzene	9.26	77	23233	29.67	ng/ul	99
23) 2-Nitrophenol	9.98	139	749	2.14	ng/ul	99
28) Naphthalene	10.94	128	2929	1.49	ng/ul#	69
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	3539	4.30	ng/ul#	90
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	12703	14.54	ng/uL	92

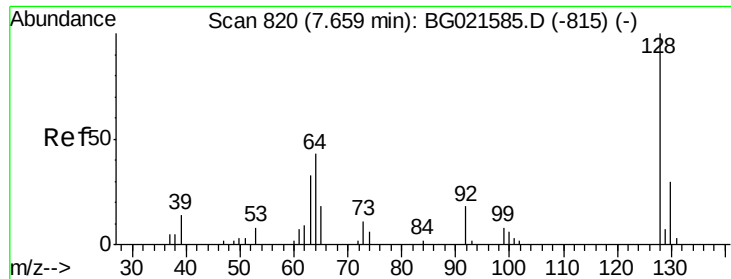
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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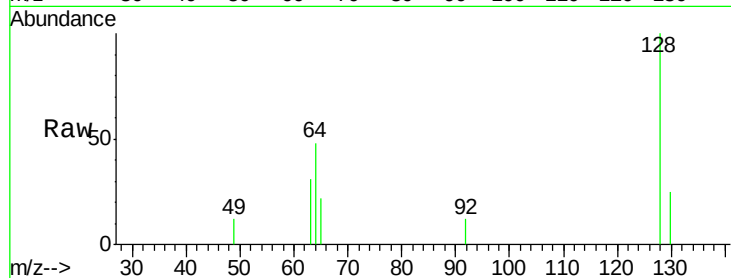




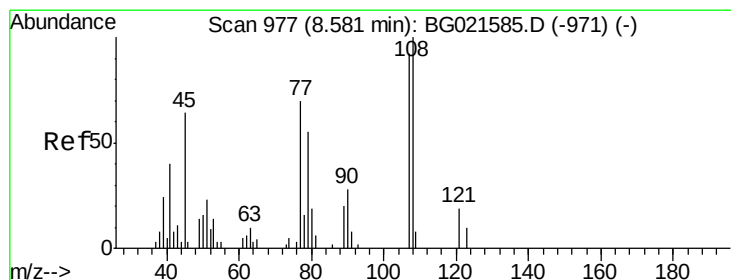
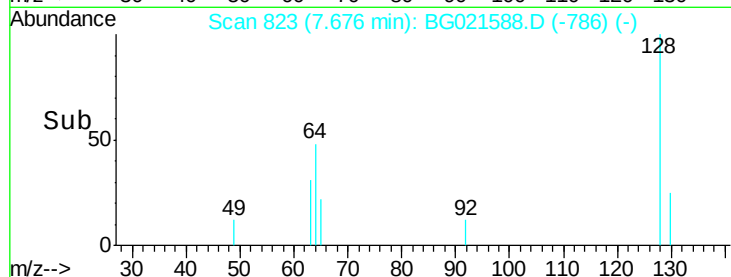
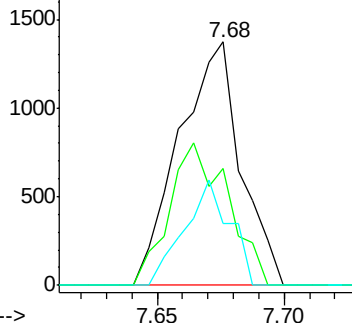
#10
2-Chlorophenol
Concen: 3.43 ng/ul
RT: 7.68 min Scan# 823
Delta R.T. 0.02 min
Lab File: BG021588.D
Acq: 30 Mar 2016 19:44

Instrument :
BNA_G
ClientSampleId :
C0AD3DL

Tgt Ion:128 Resp: 2328
Ion Ratio Lower Upper
128 100
64 47.9 47.0 70.6
130 25.5 27.8 41.6#

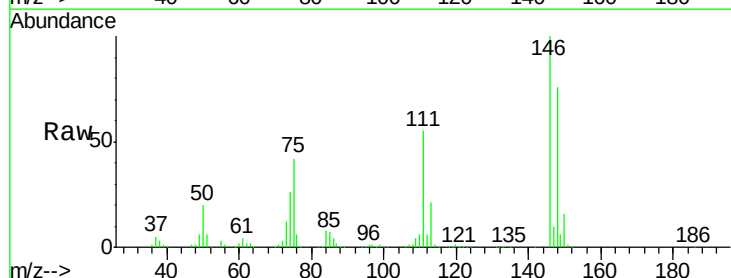


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

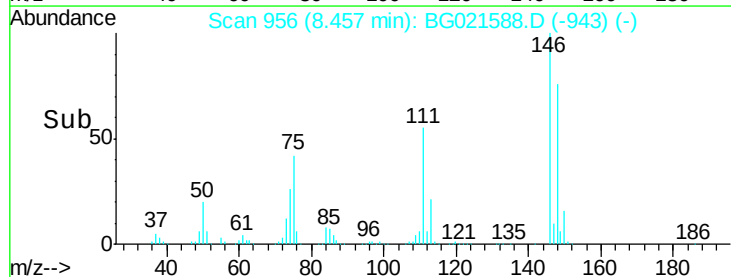
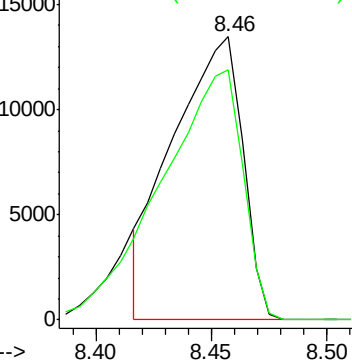


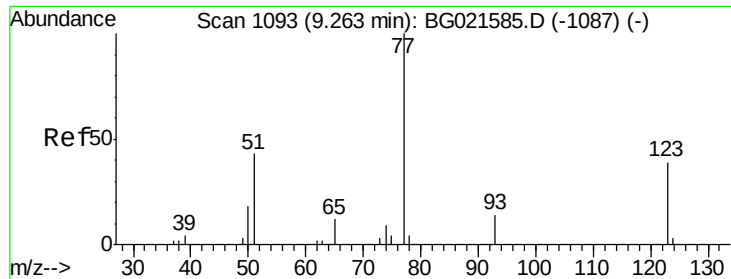
#11
2-Methylphenol
Concen: 40.32 ng/ul
RT: 8.46 min Scan# 956
Delta R.T. -0.12 min
Lab File: BG021588.D
Acq: 30 Mar 2016 19:44

Tgt Ion:108 Resp: 28514
Ion Ratio Lower Upper
108 100
107 88.3 73.4 110.0



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

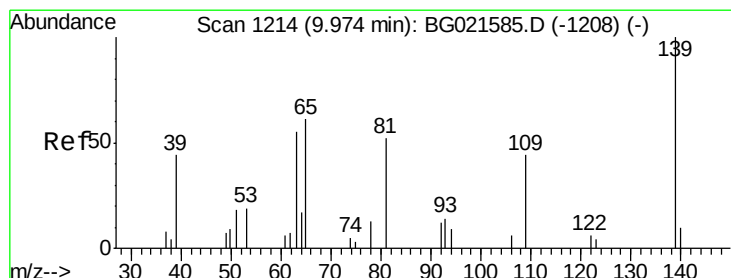
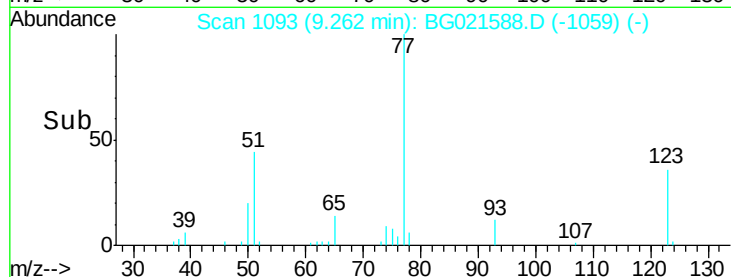
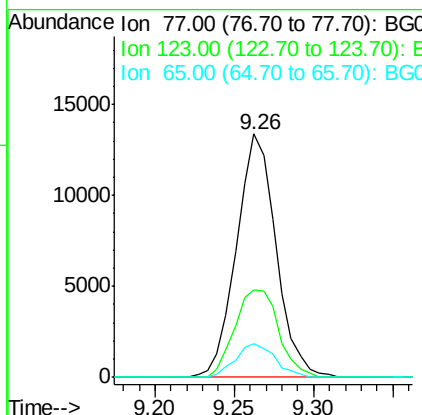
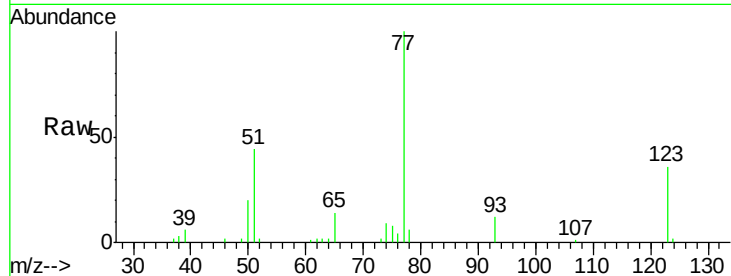




#20
Nitrobenzene
Concen: 29.67 ng/ul
RT: 9.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG021588.D
Acq: 30 Mar 2016 19:44

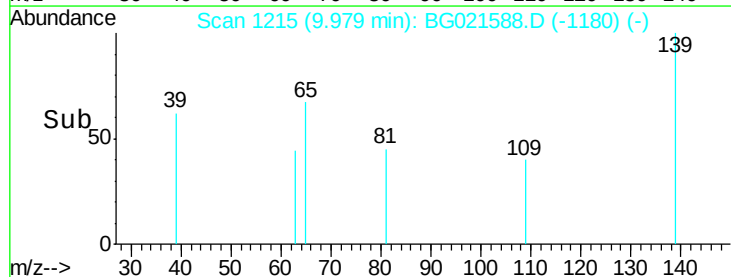
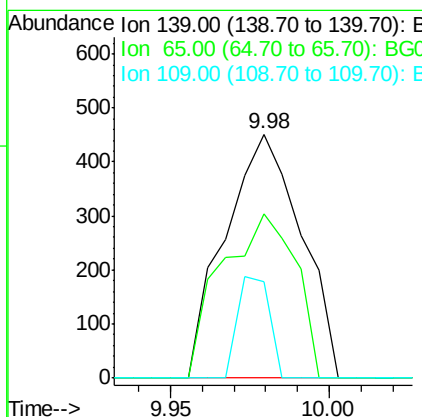
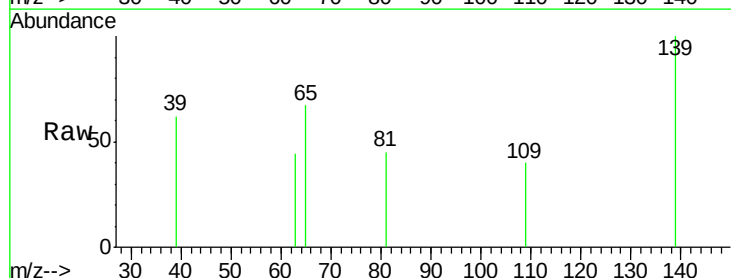
Instrument :
BNA_G
ClientSampleId :
C0AD3DL

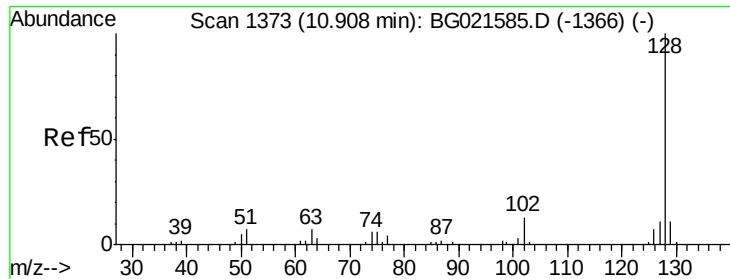
Tgt Ion: 77 Resp: 23233
Ion Ratio Lower Upper
77 100
123 36.0 28.4 42.6
65 13.7 11.0 16.6



#23
2-Nitrophenol
Concen: 2.14 ng/ul
RT: 9.98 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG021588.D
Acq: 30 Mar 2016 19:44

Tgt Ion: 139 Resp: 749
Ion Ratio Lower Upper
139 100
65 67.2 55.0 82.4
109 39.7 31.4 47.2

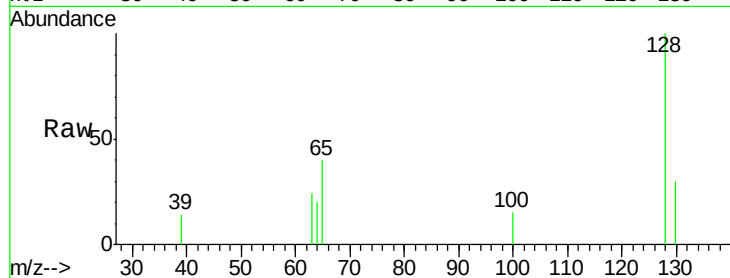




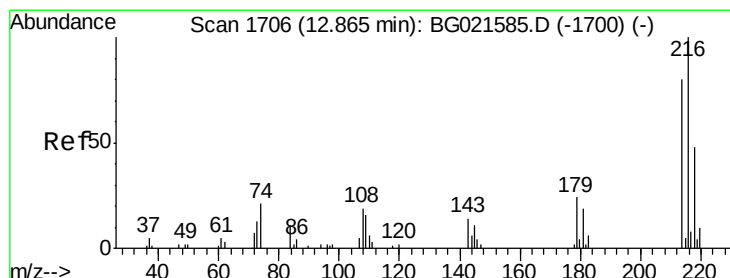
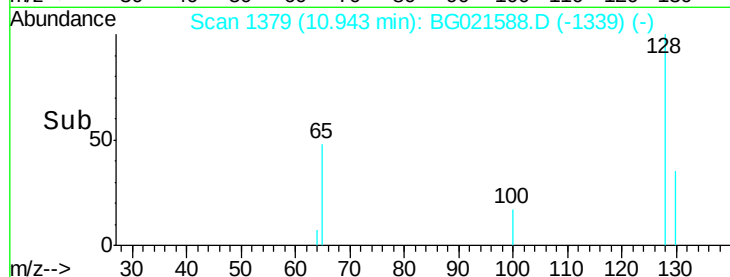
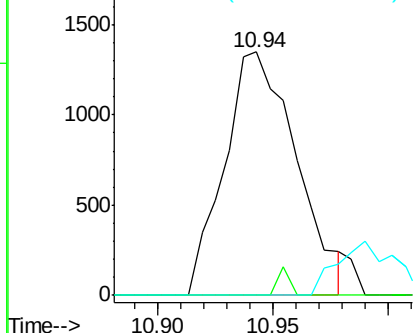
#28
Naphthalene
Concen: 1.49 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. 0.03 min
Lab File: BG021588.D
Acq: 30 Mar 2016 19:44

Instrument :
BNA_G
ClientSampleId :
C0AD3DL

Tgt Ion:128 Resp: 2929
Ion Ratio Lower Upper
128 100
129 0.0 8.3 12.5#
127 0.0 10.8 16.2#



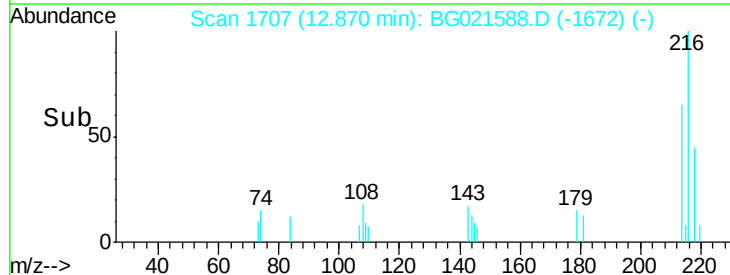
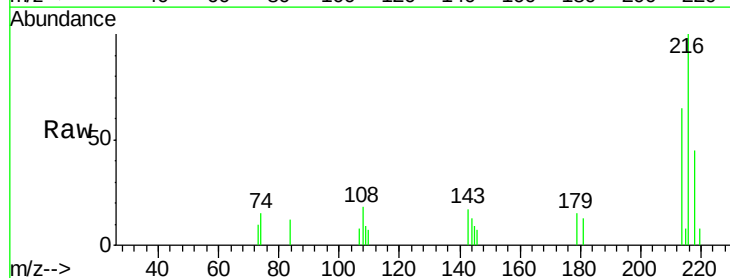
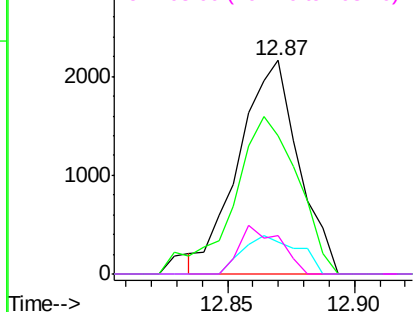
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

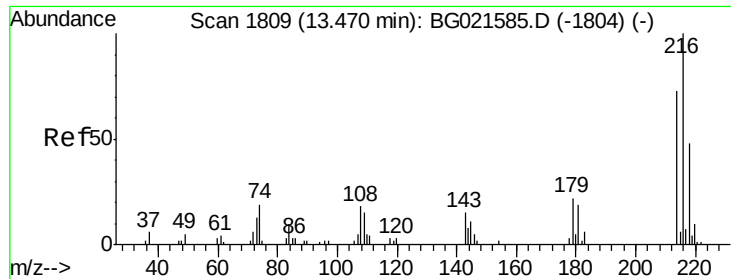


#37
1,2,4,5-Tetrachlorobenzene
Concen: 4.30 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BG021588.D
Acq: 30 Mar 2016 19:44

Tgt Ion:216 Resp: 3539
Ion Ratio Lower Upper
216 100
214 65.0 57.8 86.8
179 14.7 19.5 29.3#
108 17.8 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: 14.54 ng/uL

RT: 13.47 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BG021588.D

Acq: 30 Mar 2016 19:44

Instrument :

BNA_G

ClientSampleId :

C0AD3DL

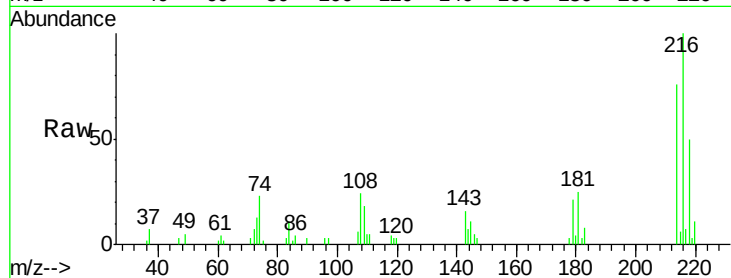
Tgt Ion:216 Resp: 12703

Ion Ratio Lower Upper

216 100

214 76.0 69.2 103.8

218 49.9 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

