

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
 Data File : BG022847.D
 Acq On : 5 Jul 2016 10:35
 Operator : UM/SJ
 Sample : H3752-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHM7

Quant Time: Jul 06 03:22:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	108233	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	488685	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	407313	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	890208	20.00	ng/ul	0.10
75) Chrysene-d12	21.92	240	2261	20.00	ng/ul	0.08
83) Perylene-d12	25.22	264	1118755	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4097	2.12	ng/uL	0.00
5) Phenol-d5	7.30	99	193328	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	115925	18.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	124289	16.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	145123	16.41	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	69585	17.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	75384	16.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	163991	16.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	204363	24.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	616951	18.64	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	701312	18.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	59252	11.40	ng/ul	0.00
57) Fluorene-d10	15.79	176	606593	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	307	0.05	ng/ul	0.09
70) Anthracene-d10	17.77	188	1190	0.03	ng/ul	0.12
76) Pyrene-d10	19.93	212	1095227	10139.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1040175	19.57	ng/ul	0.00

Target Compounds

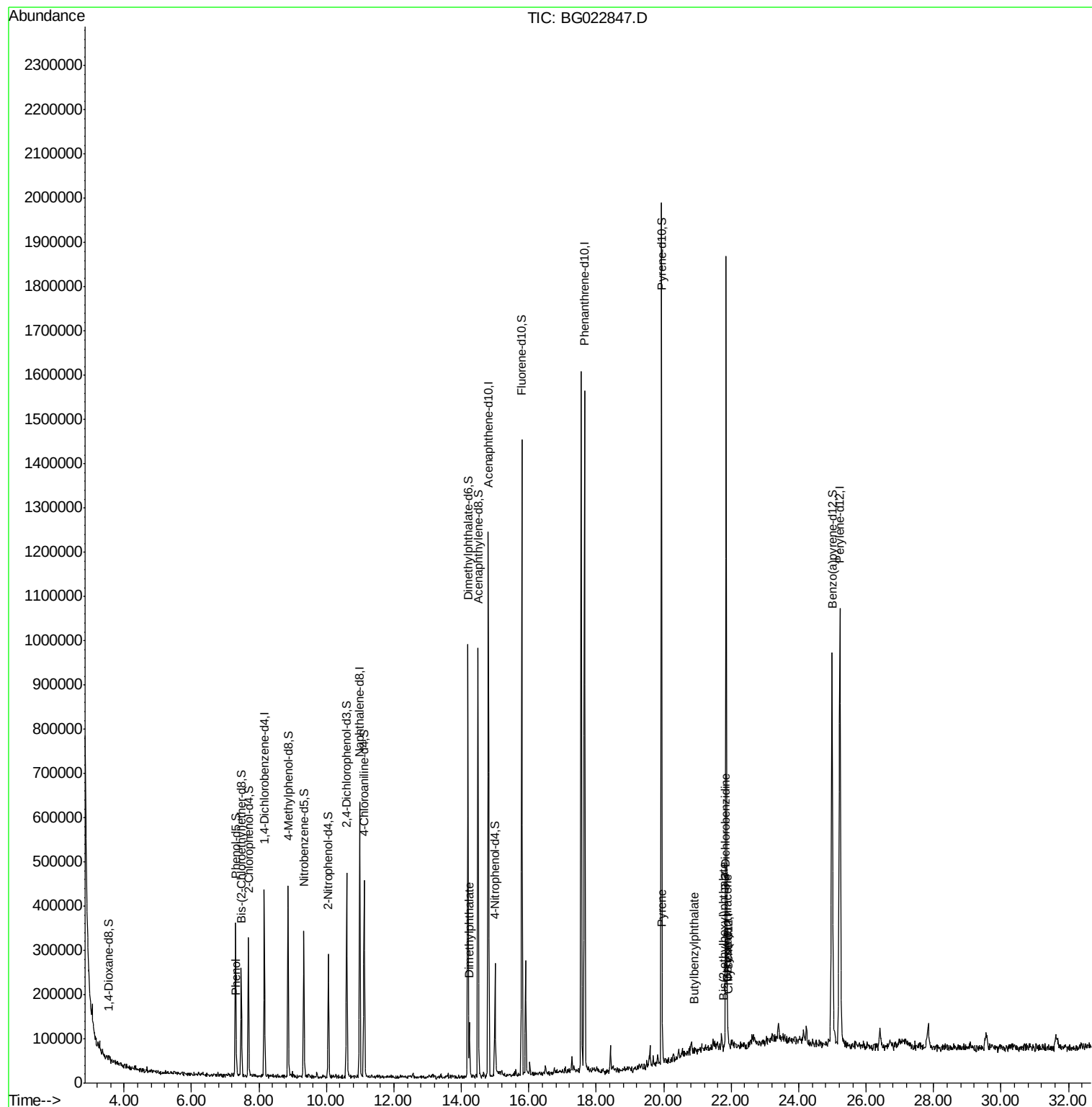
						Qvalue
6) Phenol	7.33	94	12430	1.07	ng/ul#	60
44) Dimethylphthalate	14.24	163	75718	2.24	ng/ul#	96
77) Pyrene	19.96	202	27937	220.73	ng/ul	97
78) Butylbenzylphthalate	20.89	149	866	17.64	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.82	252	177	4.13	ng/ul#	1
80) Benzo(a)anthracene	21.89	228	18861	142.22	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.79	149	450	7.10	ng/ul#	86
82) Chrysene	21.89	228	18861	156.24	ng/ul	95

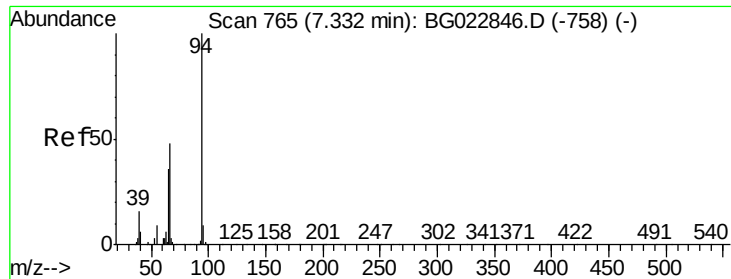
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.07 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022847.D

Acq: 5 Jul 2016 10:35

Instrument :

BNA_G

ClientSampleId :

BDHM7

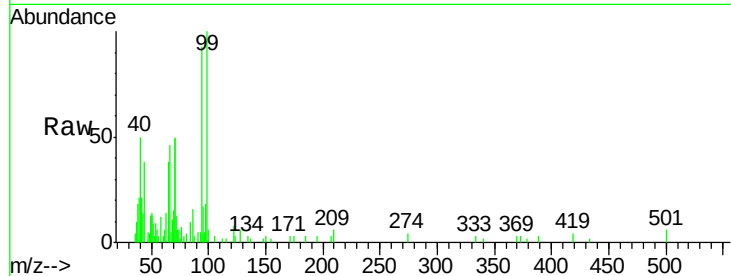
Tgt Ion: 94 Resp: 12430

Ion Ratio Lower Upper

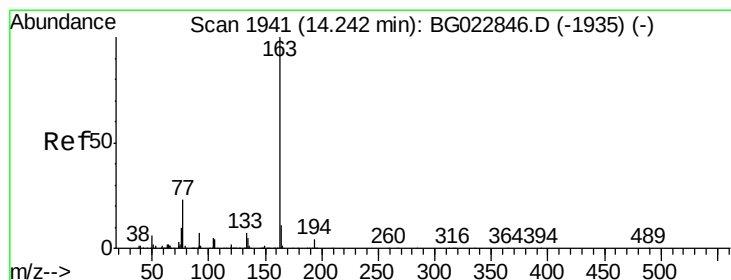
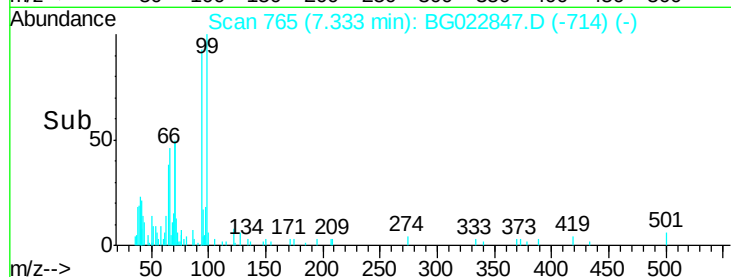
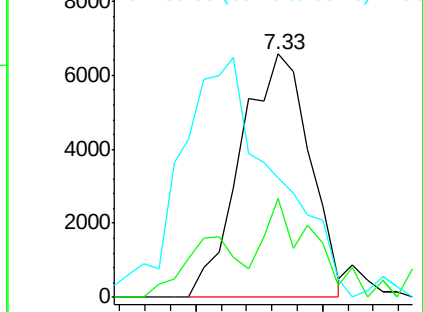
94 100

65 40.4 16.8 25.2#

66 49.1 22.6 33.8#



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



#44

Dimethylphthalate

Concen: 2.24 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG022847.D

Acq: 5 Jul 2016 10:35

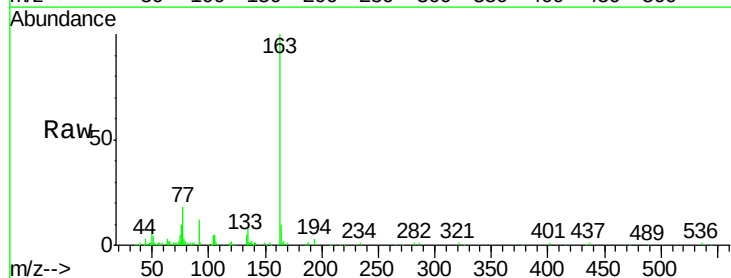
Tgt Ion: 163 Resp: 75718

Ion Ratio Lower Upper

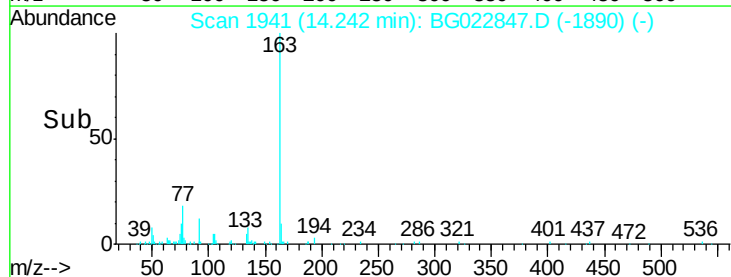
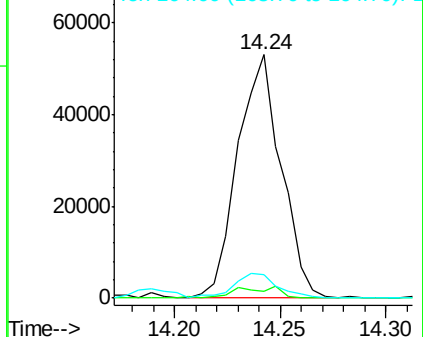
163 100

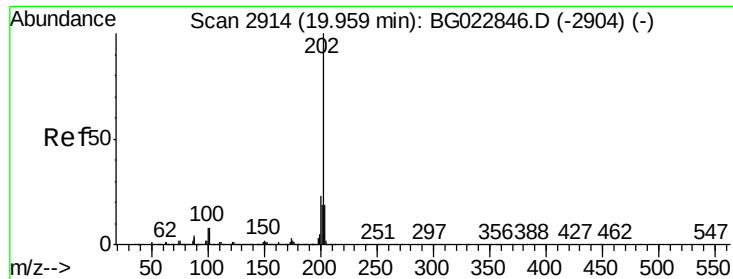
194 2.9 3.4 5.2#

164 9.7 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

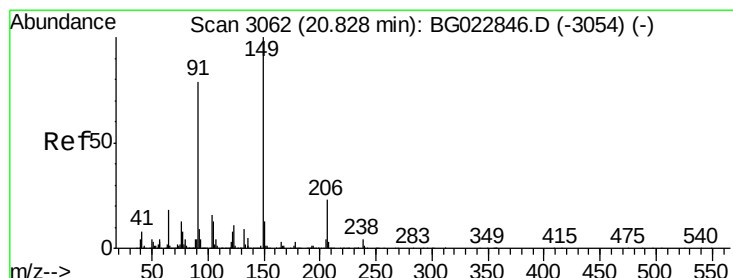
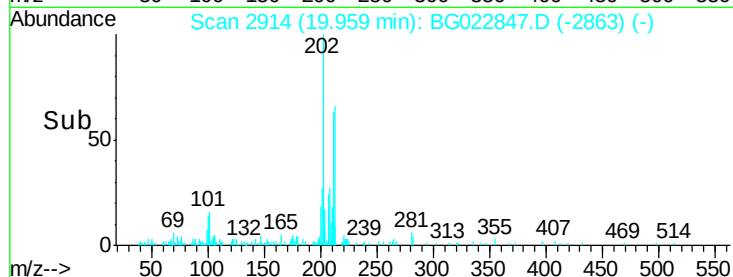
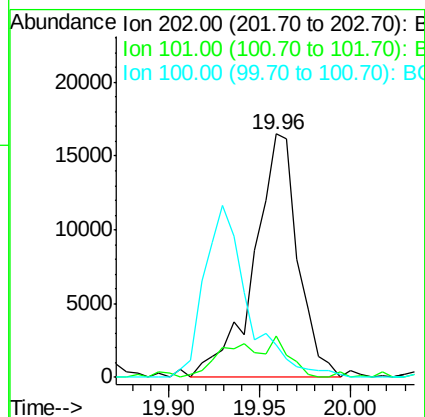
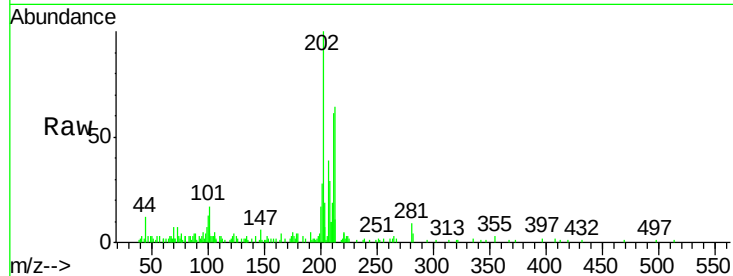




#77
 Pyrene
 Concen: 220.73 ng/ul
 RT: 19.96 min Scan# 2914
 Delta R.T. 0.00 min
 Lab File: BG022847.D
 Acq: 5 Jul 2016 10:35

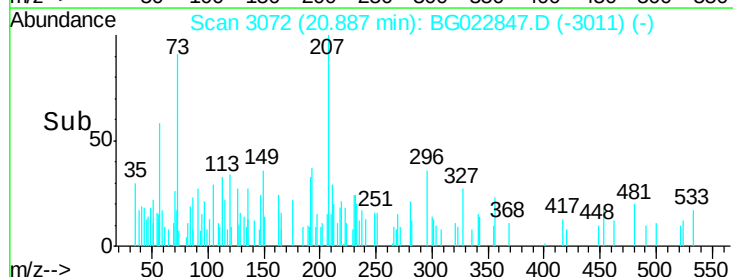
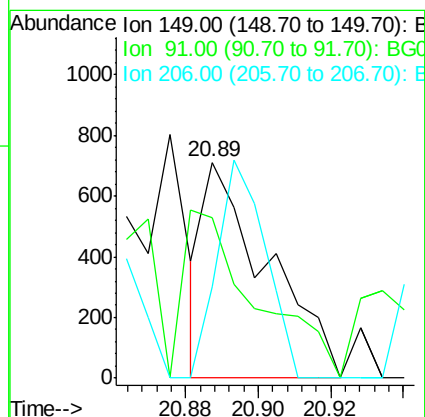
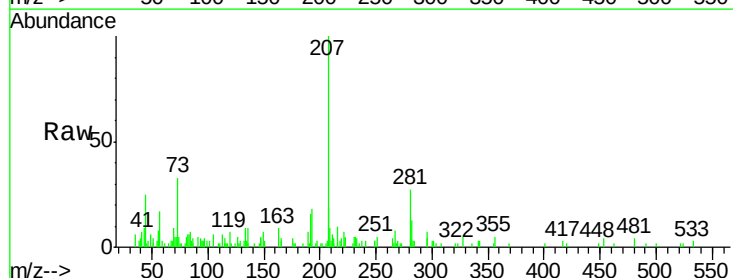
Instrument :
 BNA_G
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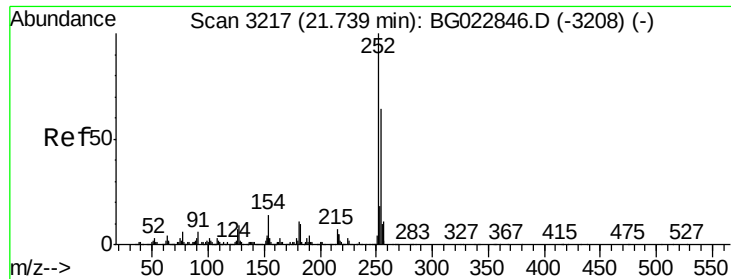
Tgt Ion: 202 Resp: 27937
 Ion Ratio Lower Upper
 202 100
 101 17.1 12.5 18.7
 100 13.5 10.2 15.4



#78
 Butylbenzylphthalate
 Concen: 17.64 ng/ul
 RT: 20.89 min Scan# 3072
 Delta R.T. 0.06 min
 Lab File: BG022847.D
 Acq: 5 Jul 2016 10:35

Tgt Ion: 149 Resp: 866
 Ion Ratio Lower Upper
 149 100
 91 74.3 54.2 81.4
 206 42.5 14.1 21.1#

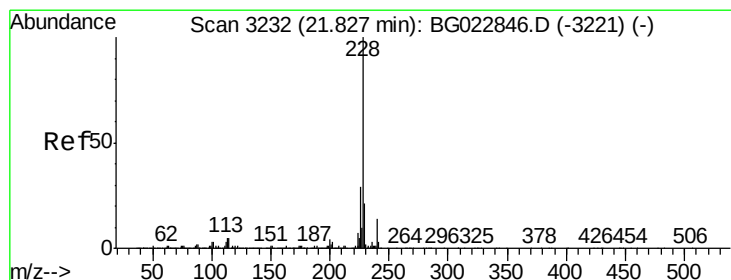
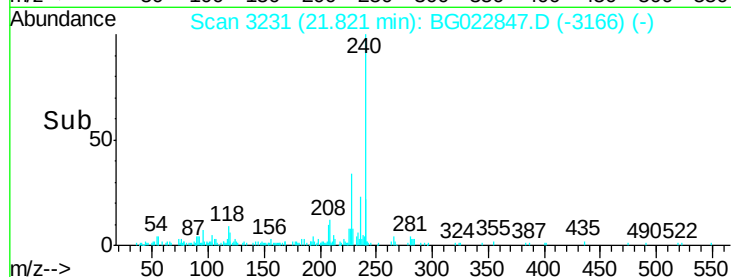
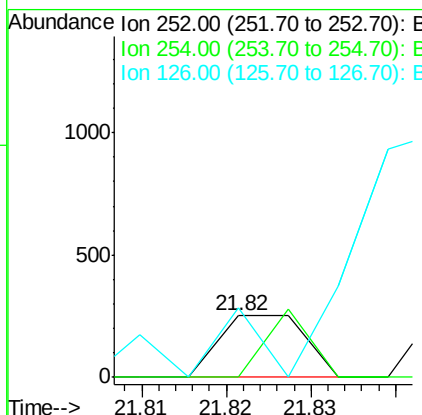
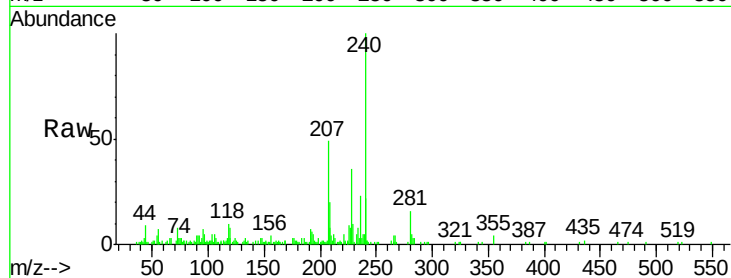




#79
 3,3'-Dichlorobenzidine
 Concen: 4.13 ng/ul
 RT: 21.82 min Scan# 3231
 Delta R.T. 0.08 min
 Lab File: BG022847.D
 Acq: 5 Jul 2016 10:35

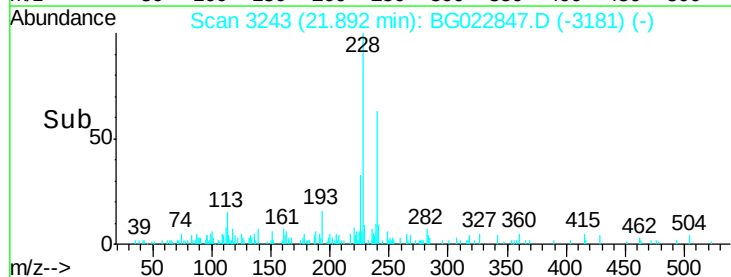
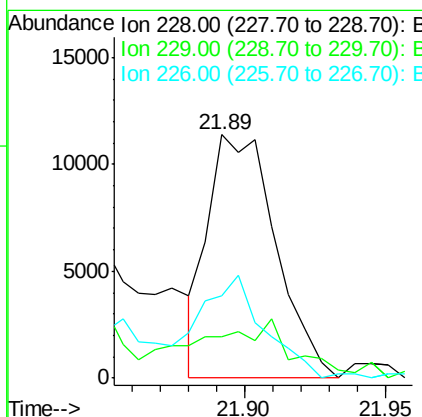
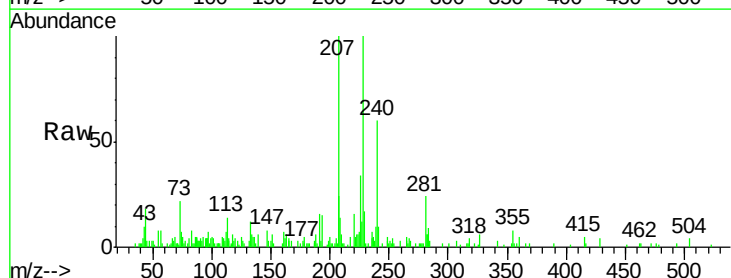
Instrument :
 BNA_G
 ClientSampleId :
 BDHM7

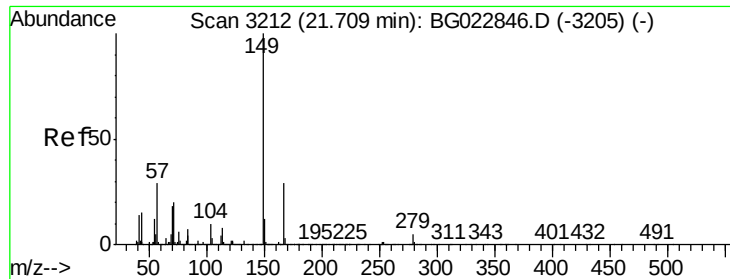
Tgt Ion:252 Resp: 177
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.2#
 126 113.5 10.7 16.1#



#80
 Benzo(a)anthracene
 Concen: 142.22 ng/ul
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.07 min
 Lab File: BG022847.D
 Acq: 5 Jul 2016 10:35

Tgt Ion:228 Resp: 18861
 Ion Ratio Lower Upper
 228 100
 229 17.2 15.4 23.2
 226 33.9 22.8 34.2

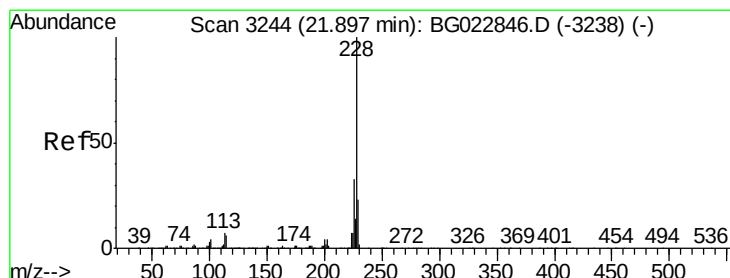
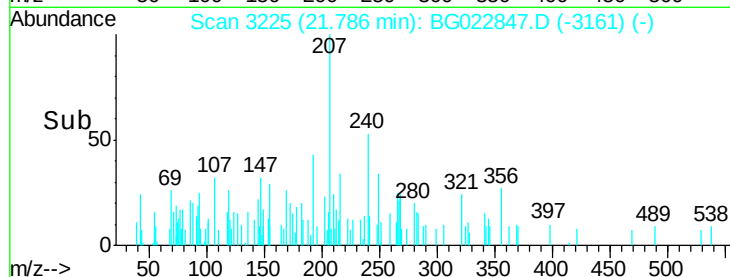
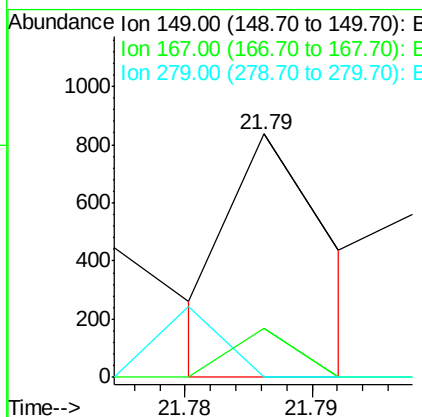
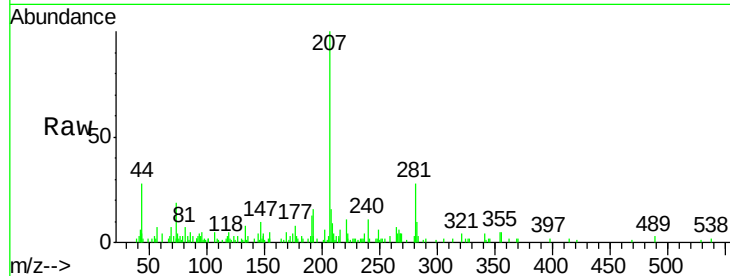




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 7.10 ng/ul
 RT: 21.79 min Scan# 3225
 Delta R.T. 0.08 min
 Lab File: BG022847.D
 Acq: 5 Jul 2016 10:35

Instrument :
 BNA_G
 ClientSampled :
 BDHM7

Tgt Ion:149 Resp: 450
 Ion Ratio Lower Upper
 149 100
 167 20.1 21.9 32.9#
 279 0.0 2.9 4.3#



#82
 Chrysene
 Concen: 156.24 ng/ul
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.01 min
 Lab File: BG022847.D
 Acq: 5 Jul 2016 10:35

Tgt Ion:228 Resp: 18861
 Ion Ratio Lower Upper
 228 100
 226 33.9 24.2 36.4
 229 17.2 15.0 22.6

