

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024917.D
 Acq On : 23 Nov 2016 21:45
 Operator : UM/SJ
 Sample : H5701-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WE8

Quant Time: Nov 24 01:31:52 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	76142	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	352147	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	300916	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	844126	20.00	ng/ul	0.10
75) Chrysene-d12	22.02	240	1523	20.00	ng/ul	0.12
83) Perylene-d12	25.32	264	870925	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	7151	4.46	ng/uL	0.00
5) Phenol-d5	7.39	99	198834	27.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	122933	28.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	139248	28.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	169590	27.99	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	72657	26.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	84728	26.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	169851	25.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	128679	17.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	596437	26.96	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	661596	27.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	91343	23.47	ng/ul	0.00
57) Fluorene-d10	15.85	176	545094	26.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	496	0.08	ng/ul	0.11
70) Anthracene-d10	17.71	188	847015	22.06	ng/ul	0.00
76) Pyrene-d10	19.98	212	1056664	15578.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1047315	27.05	ng/ul	0.00

Target Compounds

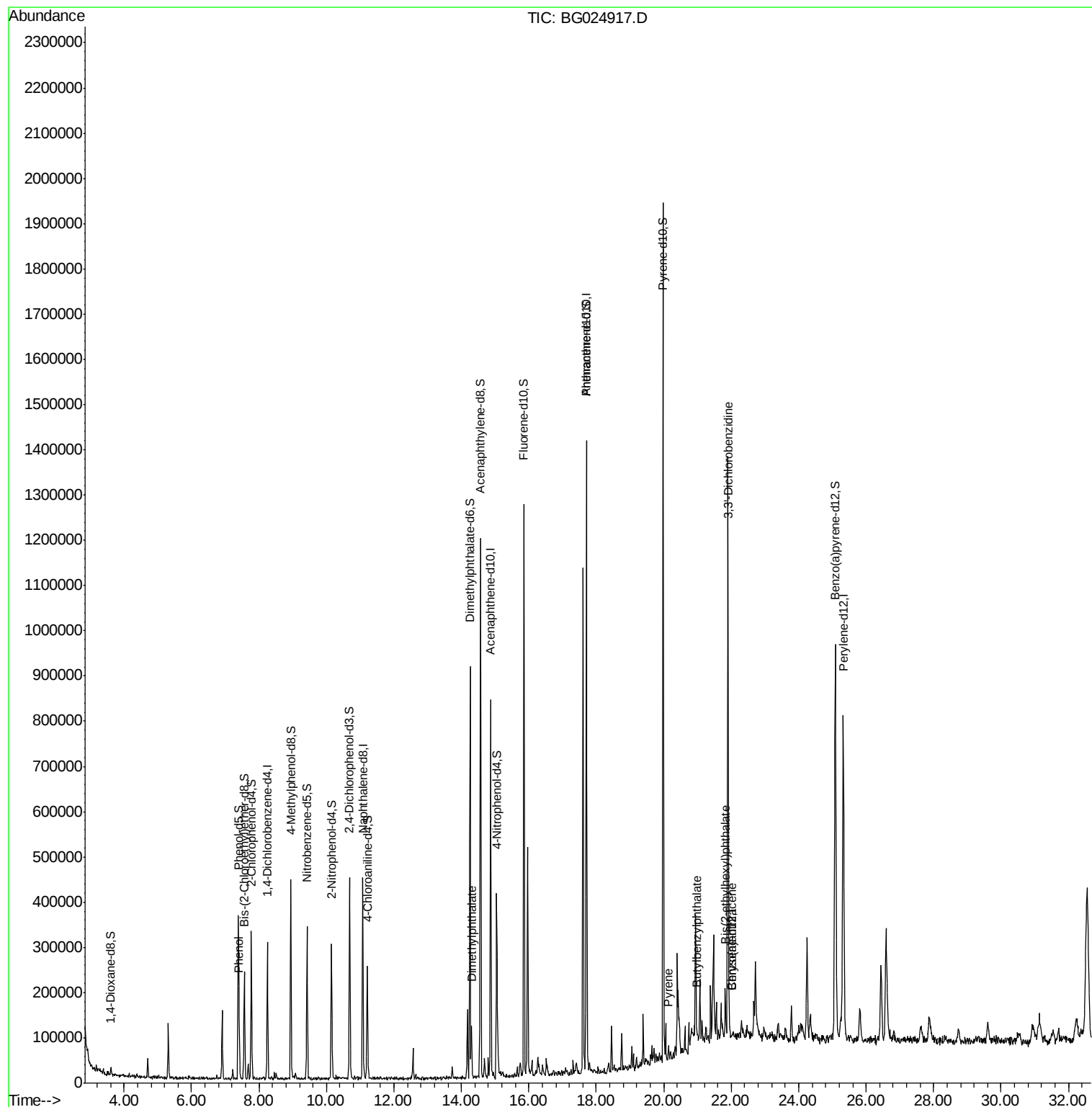
						Qvalue
6) Phenol	7.41	94	38987	5.37	ng/ul#	92
44) Dimethylphthalate	14.31	163	67971	3.14	ng/ul#	97
77) Pyrene	20.13	202	702	8.89	ng/ul#	76
78) Butylbenzylphthalate	20.99	149	605	19.53	ng/ul#	36
79) 3,3'-Dichlorobenzidine	21.92	252	2440	85.06	ng/ul#	48
80) Benzo(a)anthracene	22.02	228	400	4.78	ng/ul#	1
81) Bis(2-ethylhexyl)phthalate	21.83	149	4087	93.90	ng/ul#	73

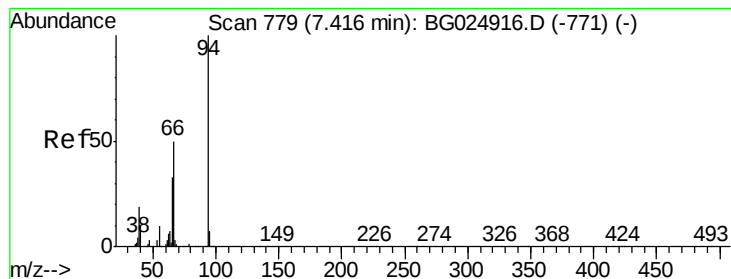
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.37 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG024917.D

Acq: 23 Nov 2016 21:45

Instrument :

BNA_G

ClientSampleId :

A4WE8

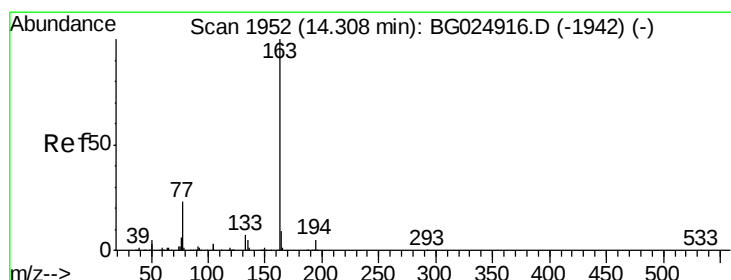
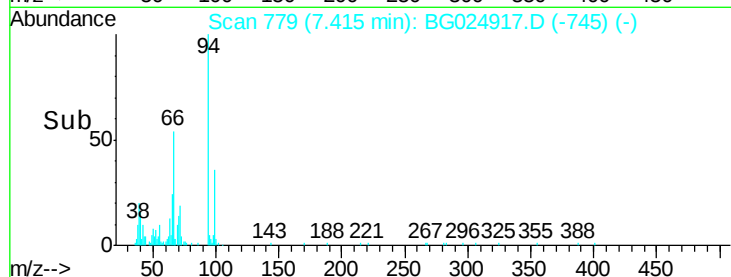
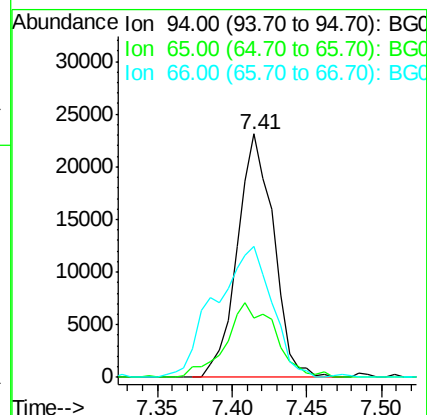
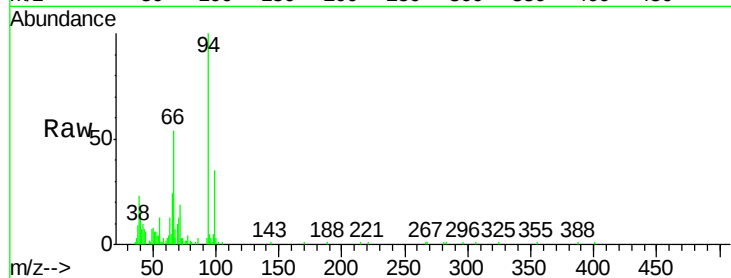
Tgt Ion: 94 Resp: 38987

Ion Ratio Lower Upper

94 100

65 24.2 26.8 40.2#

66 53.7 44.4 66.6



#44

Dimethylphthalate

Concen: 3.14 ng/ul

RT: 14.31 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG024917.D

Acq: 23 Nov 2016 21:45

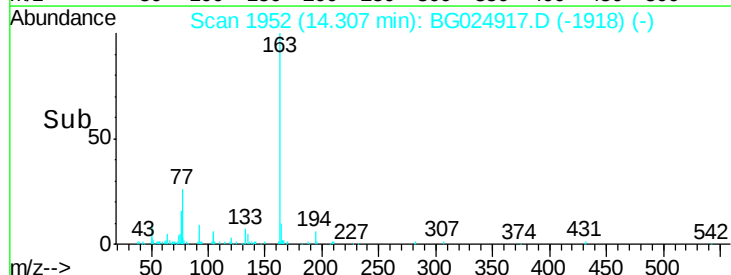
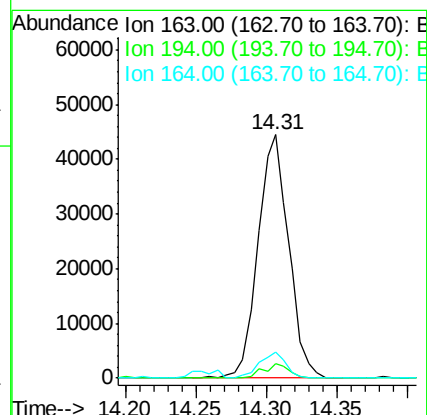
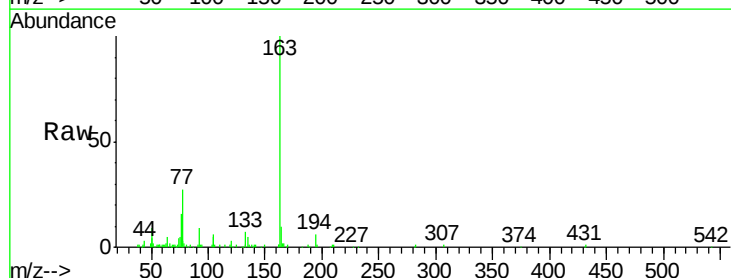
Tgt Ion: 163 Resp: 67971

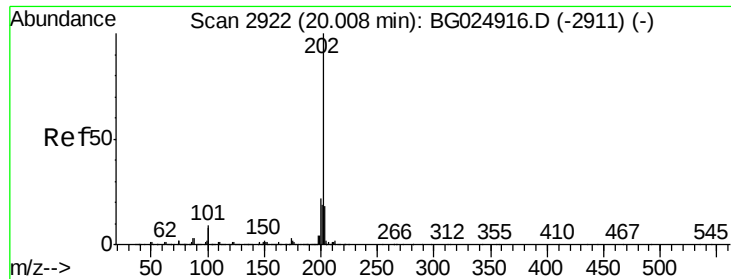
Ion Ratio Lower Upper

163 100

194 6.0 3.4 5.0#

164 10.4 9.0 13.4





#77

Pyrene

Concen: 8.89 ng/ul

RT: 20.13 min Scan# 2943

Delta R.T. 0.12 min

Lab File: BG024917.D

Acq: 23 Nov 2016 21:45

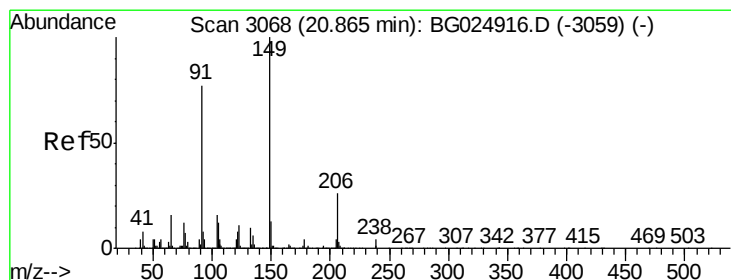
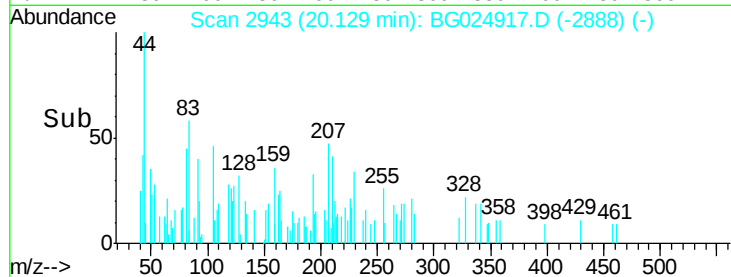
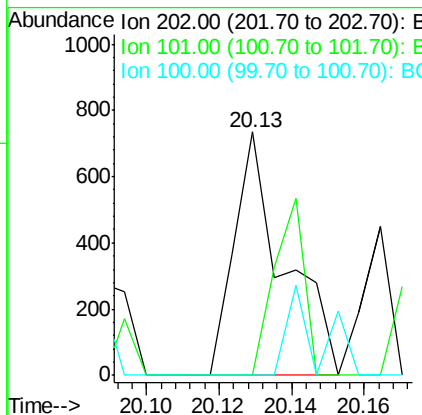
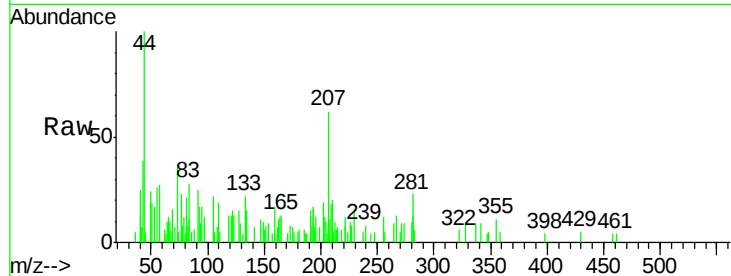
Instrument :

BNA_G

ClientSampled :

A4WE8

Tgt Ion:	202	Resp:	702
Ion	Ratio	Lower	Upper
202	100		
101	0.0	6.9	10.3#
100	0.0	6.6	10.0#



#78

Butylbenzylphthalate

Concen: 19.53 ng/ul

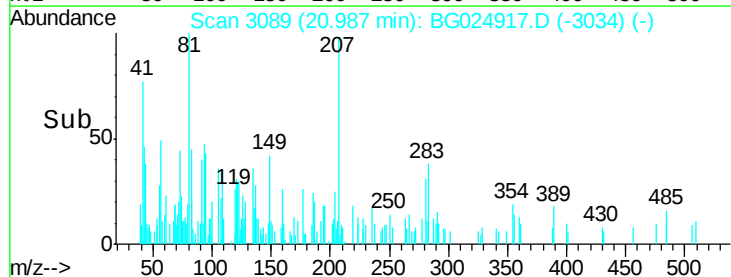
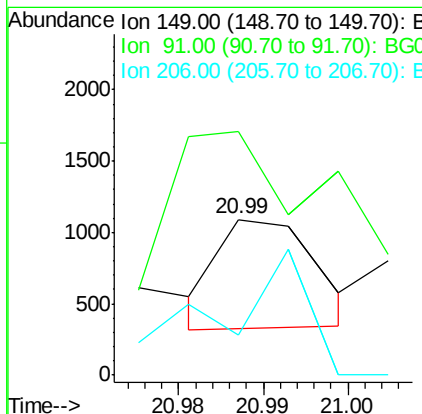
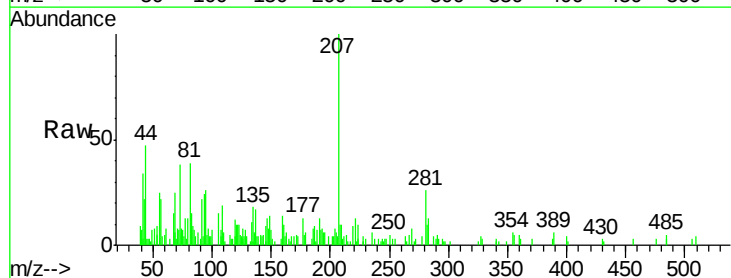
RT: 20.99 min Scan# 3089

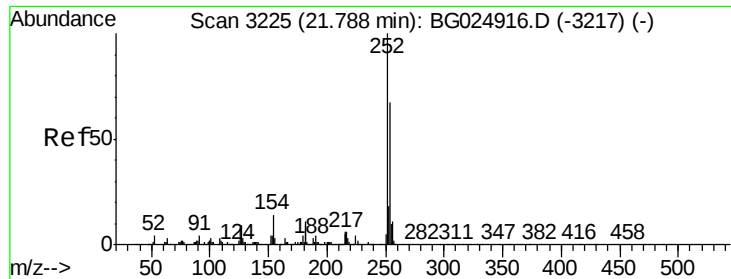
Delta R.T. 0.12 min

Lab File: BG024917.D

Acq: 23 Nov 2016 21:45

Tgt Ion:	149	Resp:	605
Ion	Ratio	Lower	Upper
149	100		
91	156.2	65.8	98.6#
206	25.7	20.1	30.1

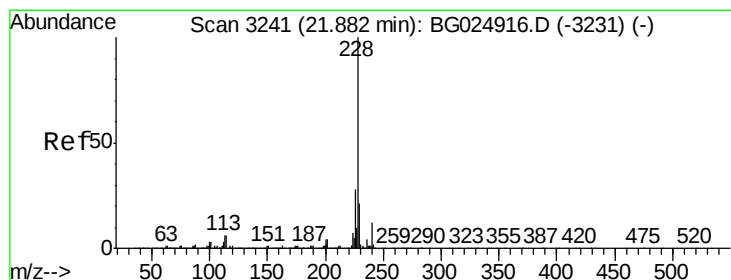
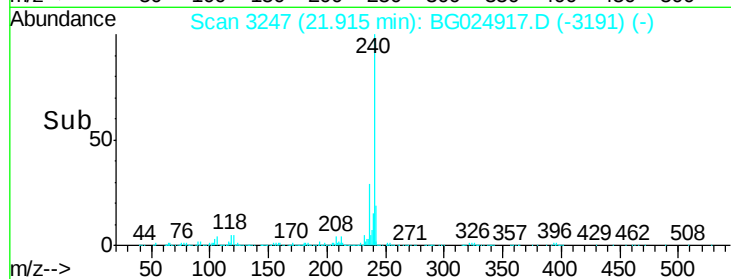
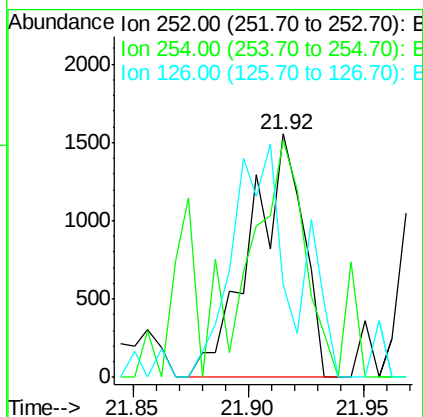
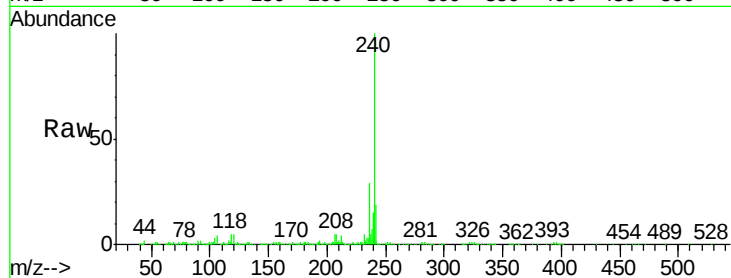




#79
 3,3'-Dichlorobenzidine
 Concen: 85.06 ng/ul
 RT: 21.92 min Scan# 3247
 Delta R.T. 0.13 min
 Lab File: BG024917.D
 Acq: 23 Nov 2016 21:45

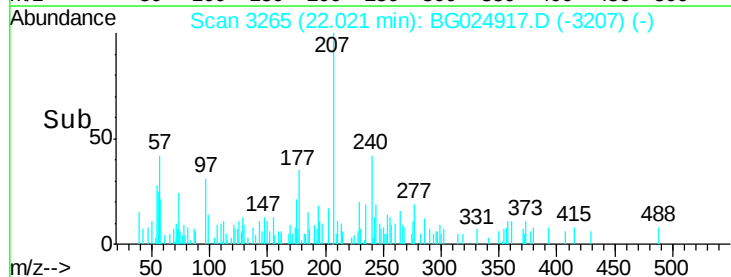
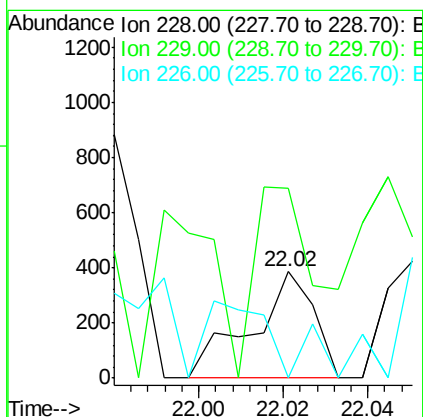
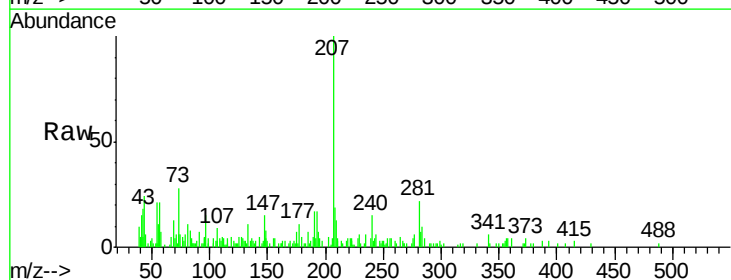
Instrument :
 BNA_G
 ClientSampleId :
 A4WE8

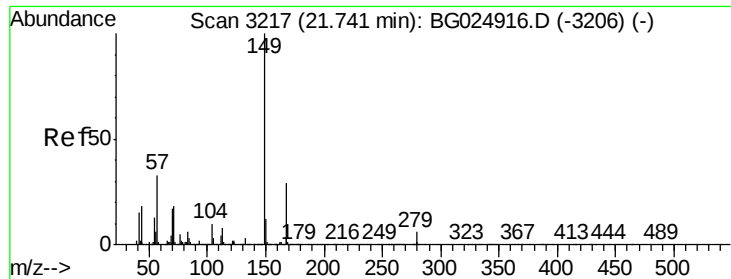
Tgt Ion: 252 Resp: 2440
 Ion Ratio Lower Upper
 252 100
 254 97.6 49.0 73.6#
 126 38.1 5.1 7.7#



#80
 Benzo(a)anthracene
 Concen: 4.78 ng/ul
 RT: 22.02 min Scan# 3265
 Delta R.T. 0.14 min
 Lab File: BG024917.D
 Acq: 23 Nov 2016 21:45

Tgt Ion: 228 Resp: 400
 Ion Ratio Lower Upper
 228 100
 229 178.2 16.3 24.5#
 226 0.0 21.9 32.9#





#81

Bis(2-ethylhexyl)phthalate

Concen: 93.90 ng/ul

RT: 21.83 min Scan# 3232

Delta R.T. 0.09 min

Lab File: BG024917.D

Acq: 23 Nov 2016 21:45

Instrument :

BNA_G

ClientSampleId :

A4WE8

Tgt Ion:149 Resp: 4087

Ion Ratio Lower Upper

149 100

167 12.4 21.8 32.8#

279 0.0 4.5 6.7#

