

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023823.D
 Acq On : 20 Aug 2016 19:05
 Operator : UM/SJ
 Sample : H4533-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TS02-01

Quant Time: Aug 22 04:56:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 04:56:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	124113	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	504919	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	314448	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	865051	20.00	ng/ul	0.10
75) Chrysene-d12	21.97	240	828	20.00	ng/ul	0.12
83) Perylene-d12	25.23	264	736057	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	11635	4.26	ng/uL	0.00
5) Phenol-d5	7.25	99	277514	23.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	196138	24.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	200134	24.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	212216	23.32	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	104715	25.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	117193	25.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	208230	24.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	222499	21.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	676994	25.97	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	774343	26.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	91891	21.81	ng/ul	0.00
57) Fluorene-d10	15.76	176	587263	25.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	451	0.08	ng/ul	0.09
70) Anthracene-d10	17.63	188	865051	21.69	ng/ul	0.00
76) Pyrene-d10	19.92	212	1002401	25230.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	923235	27.40	ng/ul	0.00

Target Compounds

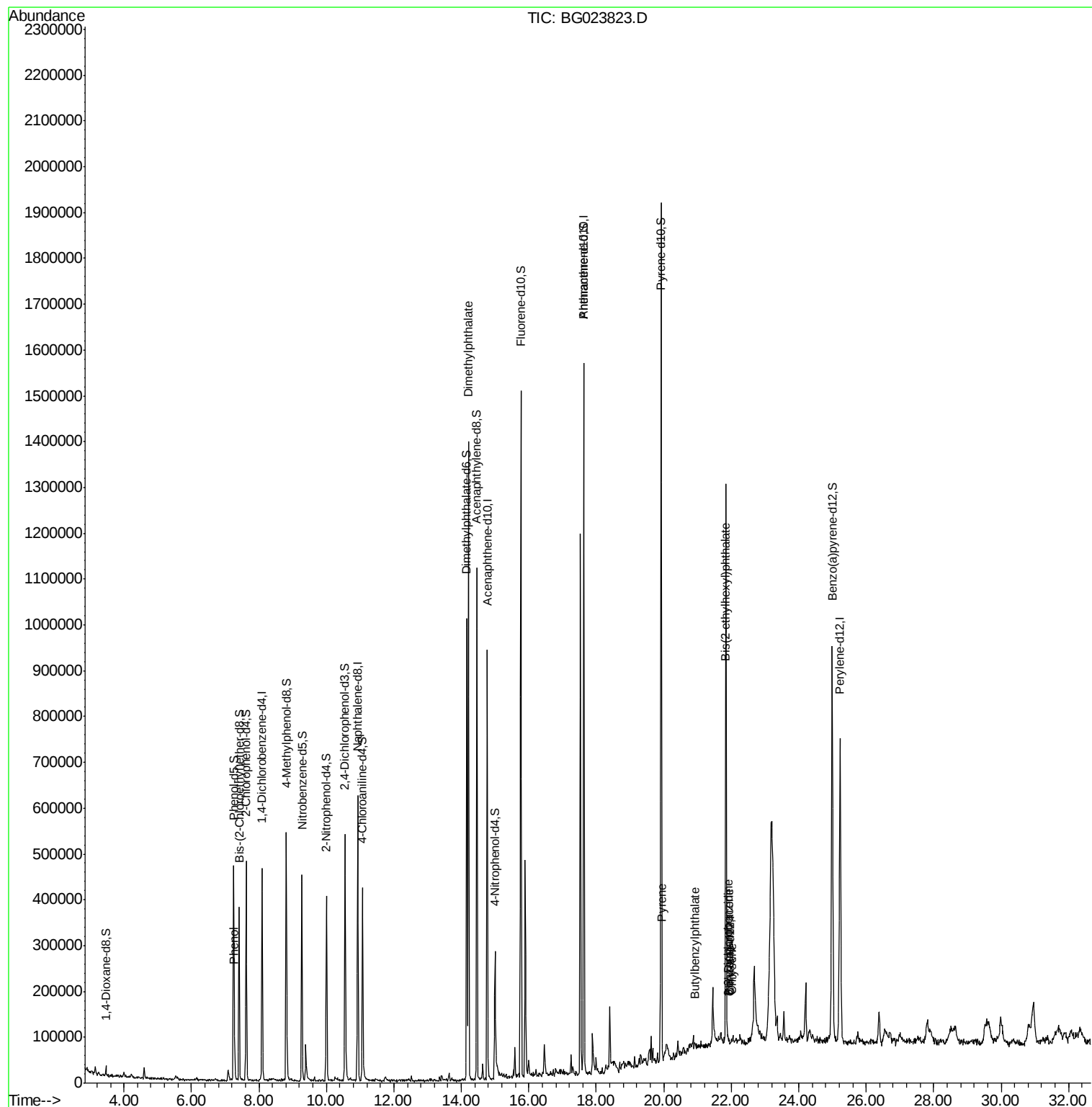
						Qvalue
6) Phenol	7.28	94	24797	2.08	ng/ul#	69
44) Dimethylphthalate	14.21	163	850035	32.61	ng/ul	99
77) Pyrene	19.95	202	14850	303.46	ng/ul	98
78) Butylbenzylphthalate	20.93	149	309	13.96	ng/ul#	69
79) 3,3'-Dichlorobenzidine	21.92	252	290	17.62	ng/ul#	11
80) Benzo(a)anthracene	21.94	228	130	2.72	ng/ul#	14
81) Bis(2-ethylhexyl)phthalate	21.83	149	681	22.87	ng/ul#	91
82) Chrysene	22.02	228	80	1.86	ng/ul#	12

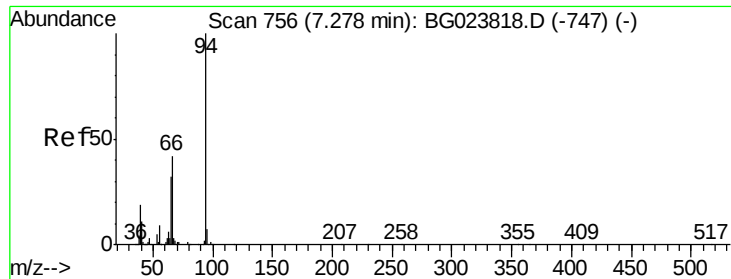
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023823.D
Acq On : 20 Aug 2016 19:05
Operator : UM/SJ
Sample : H4533-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TS02-01

Quant Time: Aug 22 04:56:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.08 ng/ul

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023823.D

Acq: 20 Aug 2016 19:05

Instrument :

BNA_G

ClientSampleId :

TS02-01

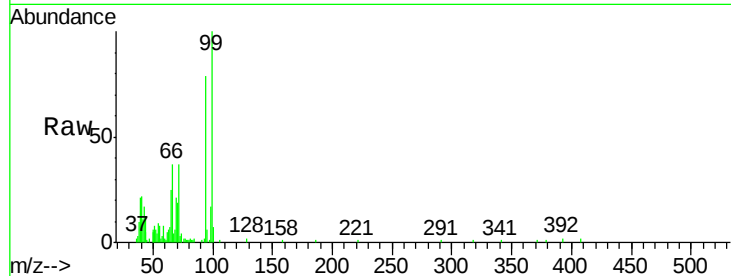
Tgt Ion: 94 Resp: 24797

Ion Ratio Lower Upper

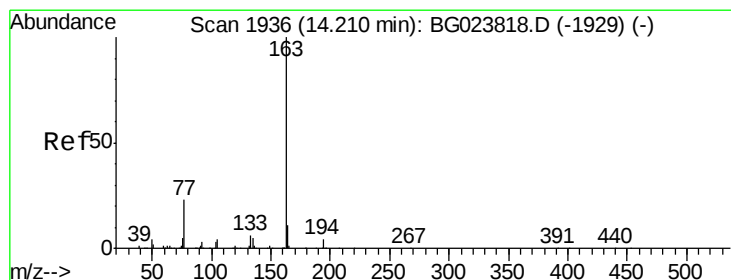
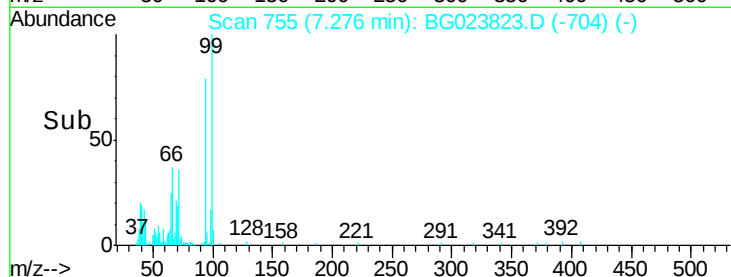
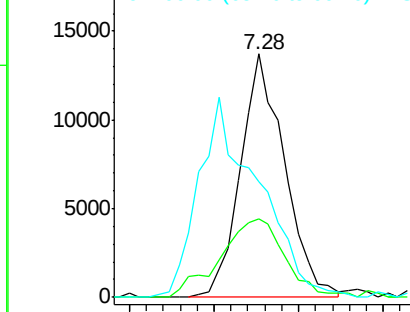
94 100

65 32.4 16.8 25.2#

66 47.3 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: 32.61 ng/ul

RT: 14.21 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG023823.D

Acq: 20 Aug 2016 19:05

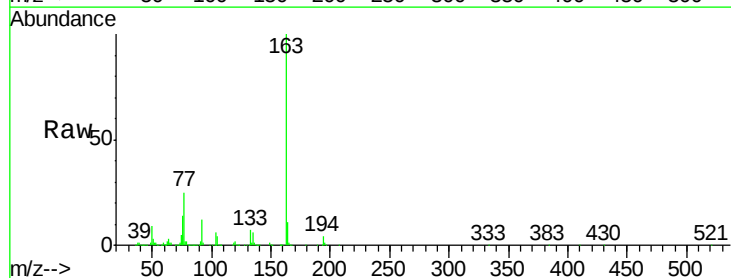
Tgt Ion: 163 Resp: 850035

Ion Ratio Lower Upper

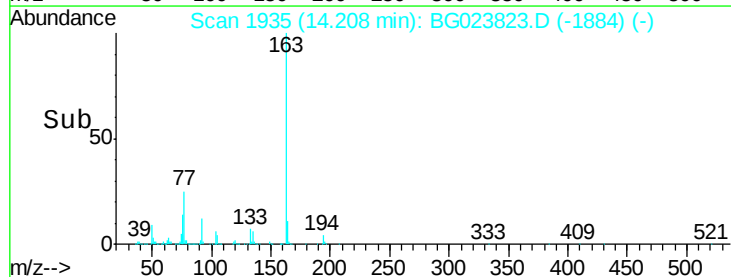
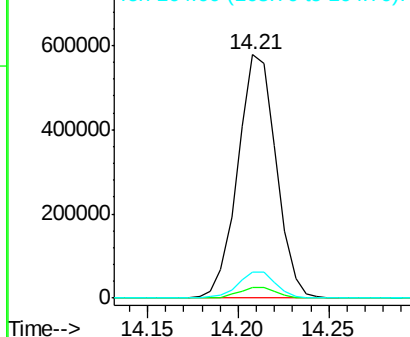
163 100

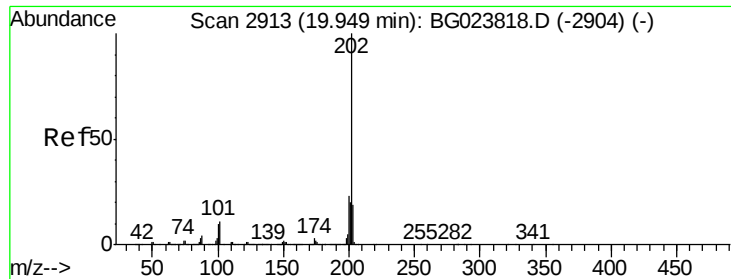
194 4.4 3.4 5.2

164 10.6 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: 303.46 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG023823.D

Acq: 20 Aug 2016 19:05

Instrument :

BNA_G

ClientSampleId :

TS02-01

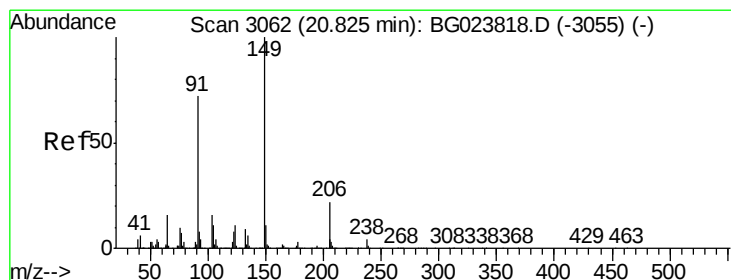
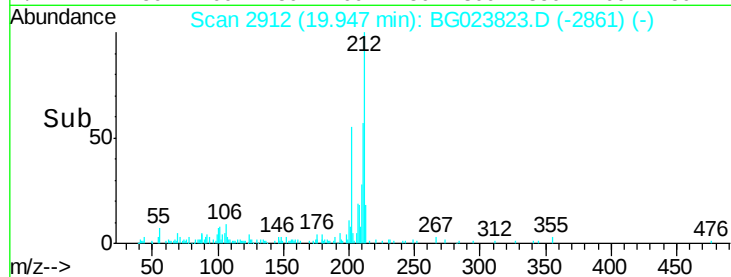
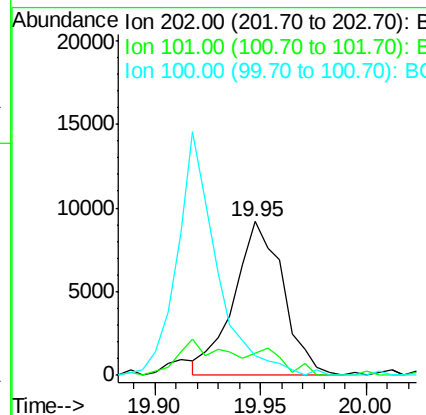
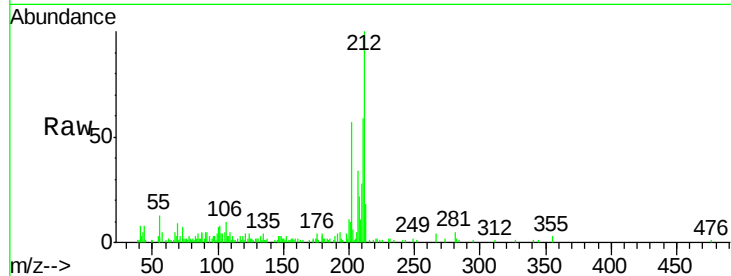
Tgt Ion:202 Resp: 14850

Ion Ratio Lower Upper

202 100

101 14.6 12.5 18.7

100 12.5 10.2 15.4



#78

Butylbenzylphthalate

Concen: 13.96 ng/ul

RT: 20.93 min Scan# 3080

Delta R.T. 0.11 min

Lab File: BG023823.D

Acq: 20 Aug 2016 19:05

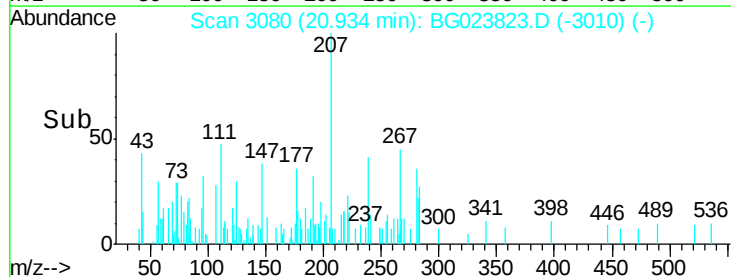
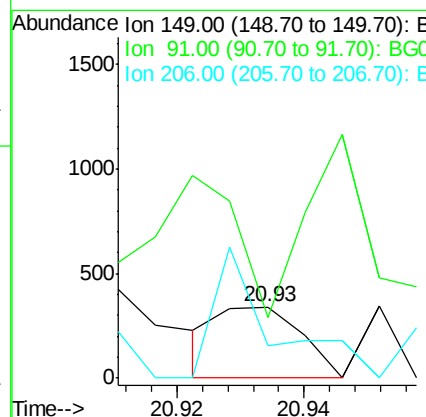
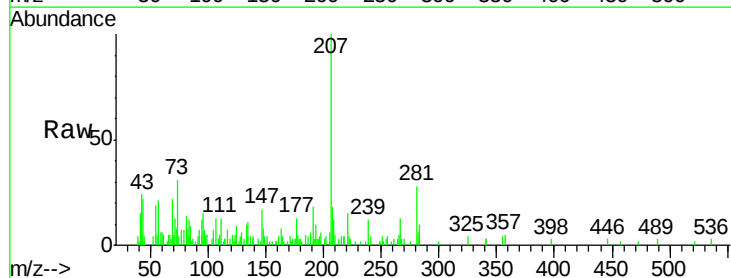
Tgt Ion:149 Resp: 309

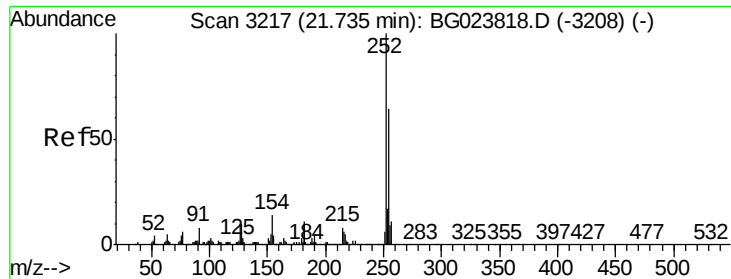
Ion Ratio Lower Upper

149 100

91 85.3 54.2 81.4#

206 46.0 14.1 21.1#

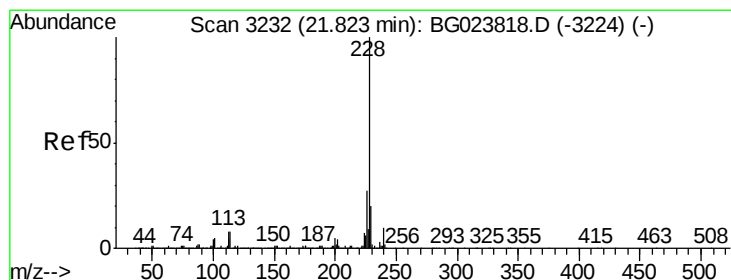
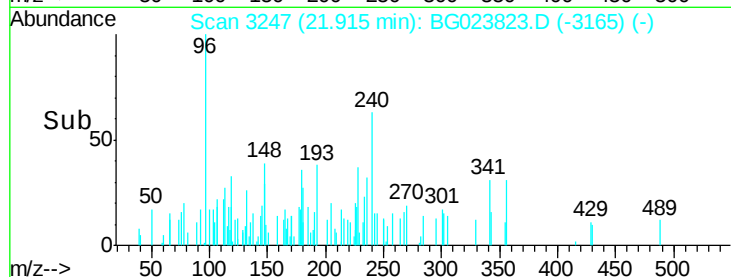
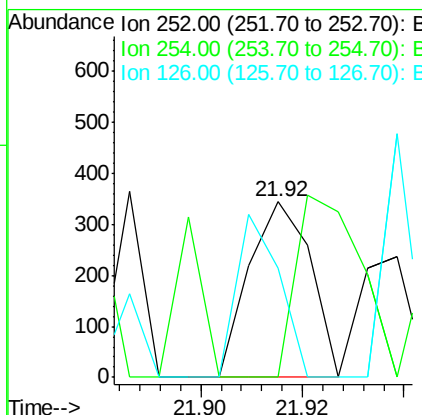
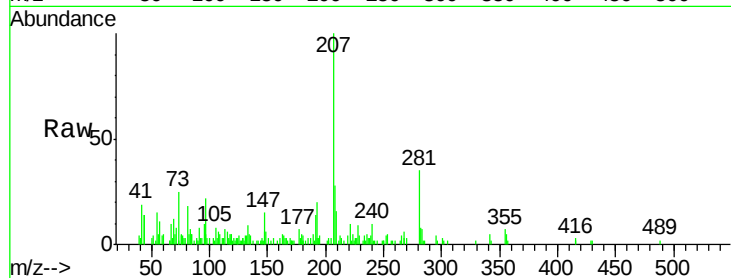




#79
 3,3'-Dichlorobenzidine
 Concen: 17.62 ng/ul
 RT: 21.92 min Scan# 3247
 Delta R.T. 0.18 min
 Lab File: BG023823.D
 Acq: 20 Aug 2016 19:05

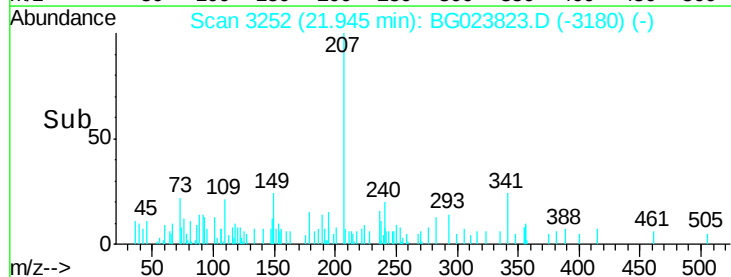
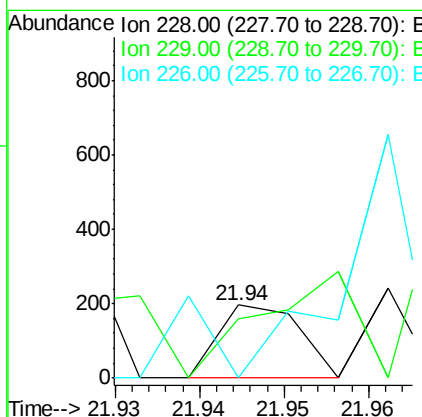
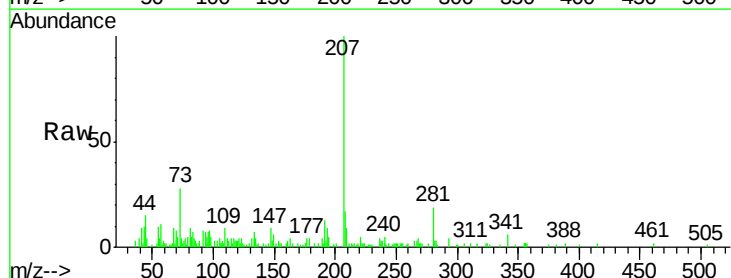
Instrument :
 BNA_G
 ClientSampled :
 TS02-01

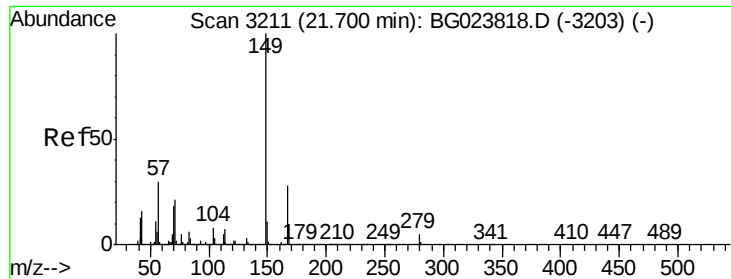
Tgt Ion:252 Resp: 290
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.2#
 126 61.9 10.7 16.1#



#80
 Benzo(a)anthracene
 Concen: 2.72 ng/ul
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.12 min
 Lab File: BG023823.D
 Acq: 20 Aug 2016 19:05

Tgt Ion:228 Resp: 130
 Ion Ratio Lower Upper
 228 100
 229 80.2 15.4 23.2#
 226 0.0 22.8 34.2#

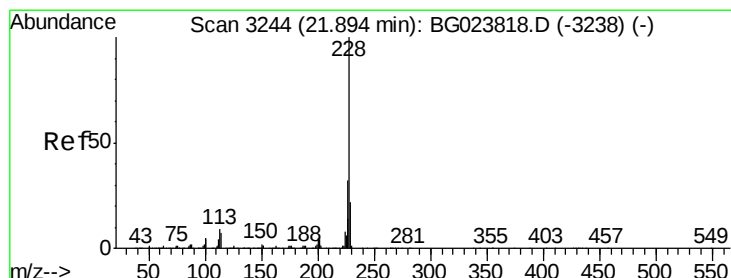
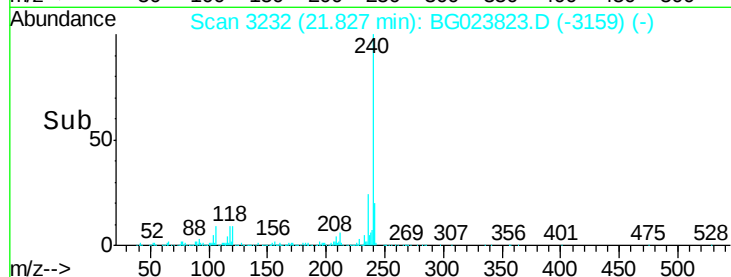
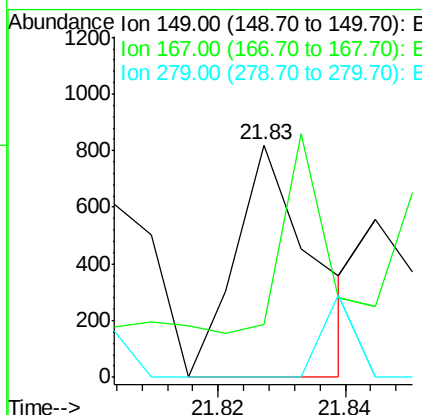
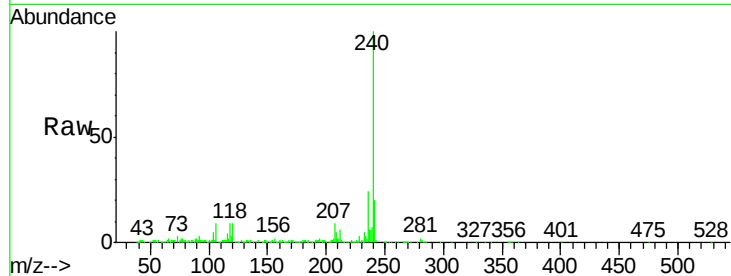




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 22.87 ng/ul
 RT: 21.83 min Scan# 3232
 Delta R.T. 0.13 min
 Lab File: BG023823.D
 Acq: 20 Aug 2016 19:05

Instrument :
 BNA_G
 ClientSampleId :
 TS02-01

Tgt Ion:149 Resp: 681
 Ion Ratio Lower Upper
 149 100
 167 22.9 21.9 32.9
 279 0.0 2.9 4.3#



#82
 Chrysene
 Concen: 1.86 ng/ul
 RT: 22.02 min Scan# 3264
 Delta R.T. 0.12 min
 Lab File: BG023823.D
 Acq: 20 Aug 2016 19:05

Tgt Ion:228 Resp: 80
 Ion Ratio Lower Upper
 228 100
 226 66.5 24.2 36.4#
 229 74.0 15.0 22.6#

