

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021846.D
 Acq On : 11 May 2016 16:19
 Operator : UM/SJ
 Sample : H2937-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X92

Quant Time: May 12 04:49:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	73107	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	381337	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	222195	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	442551	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	432873	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	428631	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	3931	2.60	ng/uL	0.01
5) Phenol-d5	7.33	99	94913	17.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	45698	16.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	87724	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	85049	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	43923	17.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	46660	29.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	89341	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.36	131	128	0.03	ng/ul	0.23
44) Dimethylphthalate-d6	14.20	166	291896	18.70	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	404940	18.28	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	30541	11.42	ng/ul	0.01
58) Fluorene-d10	15.79	176	268196	16.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	32017	26.12	ng/ul	0.00
71) Anthracene-d10	17.64	188	375319	17.42	ng/ul	0.00
77) Pyrene-d10	19.92	212	394241	19.46	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	371323	18.23	ng/ul	0.00

Target Compounds

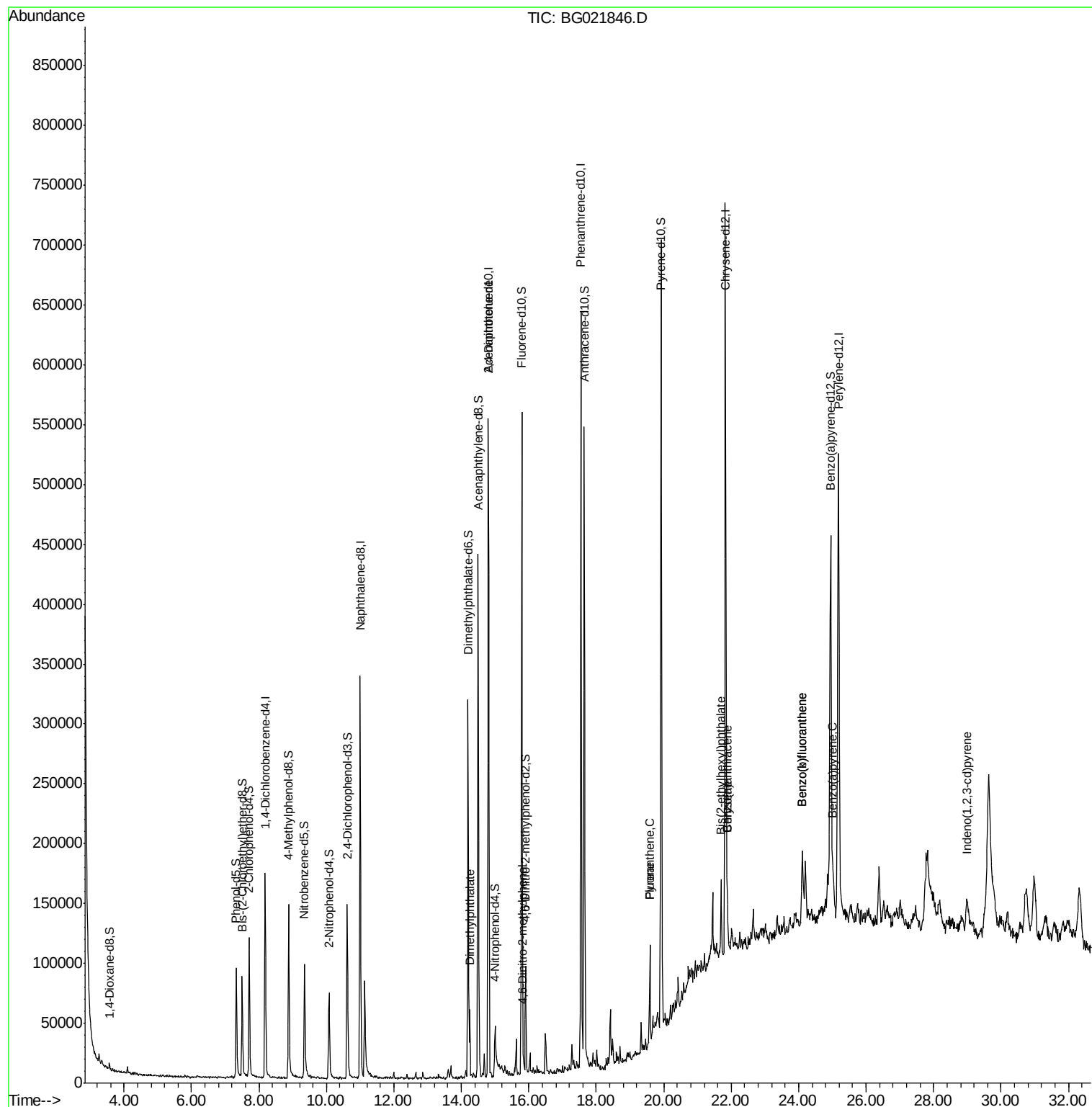
						Ovalue
45) Dimethylphthalate	14.25	163	44090	2.77	ng/ul	98
55) 2,4-Dinitrotoluene	14.80	165	29381	6.76	ng/ul#	26
64) 4,6-Dinitro-2-methylphenol	15.83	198	2400	1.80	ng/ul#	50
75) Fluoranthene	19.59	202	55496	2.02	ng/ul	98
78) Pyrene	19.59	202	55874	2.23	ng/ul	97
81) Benzo(a)anthracene	21.88	228	39606	1.64	ng/ul	93
82) Bis(2-ethylhexyl)phthalate	21.70	149	37339	4.13	ng/ul#	93
83) Chrysene	21.88	228	39447	1.66	ng/ul	96
86) Benzo(b)fluoranthene	24.11	252	73142	2.98	ng/ul#	95
87) Benzo(k)fluoranthene	24.11	252	73142	2.78	ng/ul#	94
89) Benzo(a)pyrene	25.01	252	43279	1.77	ng/ul#	91
90) Indeno(1,2,3-cd)pyrene	28.99	276	39974	1.38	ng/ul#	91

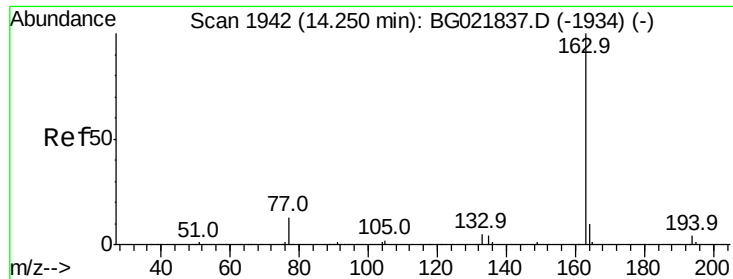
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.77 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

Instrument :

BNA_G

ClientSampleId :

D9X92

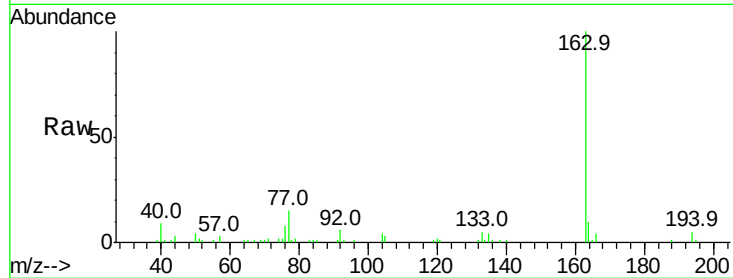
Tot Ion:163 Resp: 44090

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

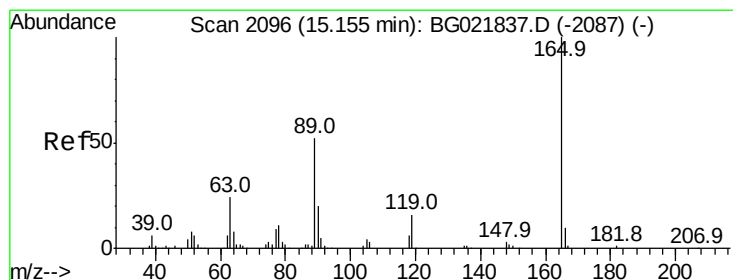
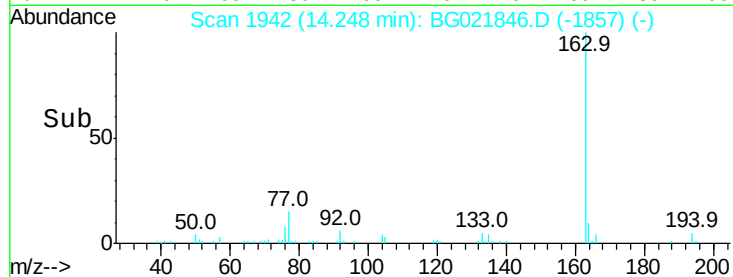
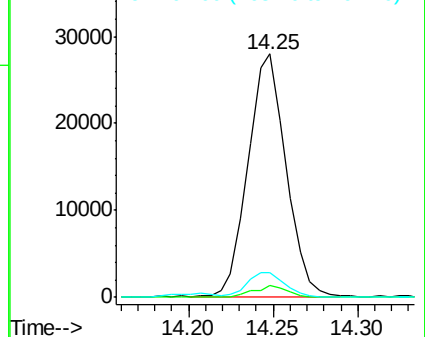
164 10.1 8.7 13.1



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



#55

2,4-Dinitrotoluene

Concen: 6.76 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. -0.35 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

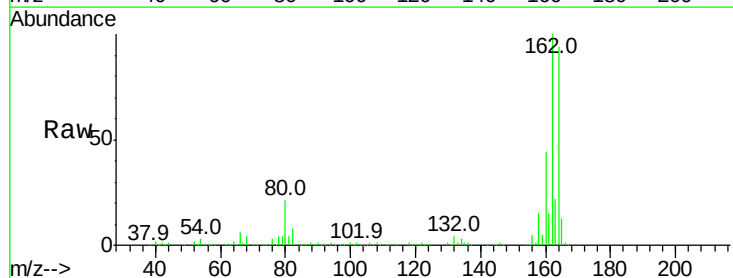
Tgt Ion:165 Resp: 29381

Ion Ratio Lower Upper

165 100

63 1.7 48.1 72.1#

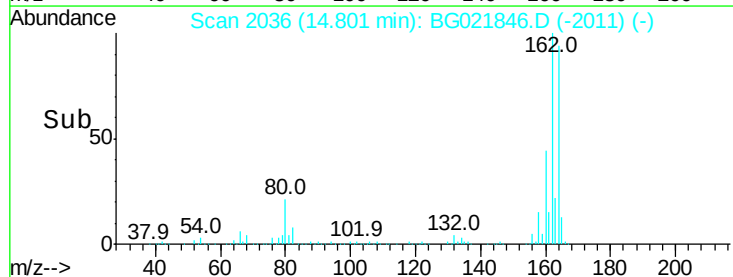
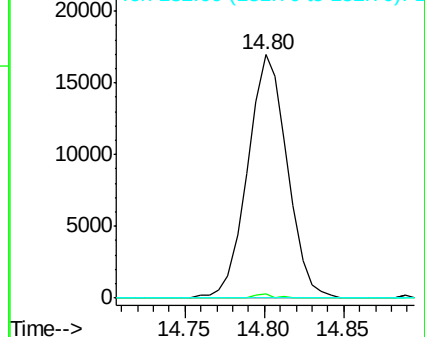
182 0.0 2.2 3.2#

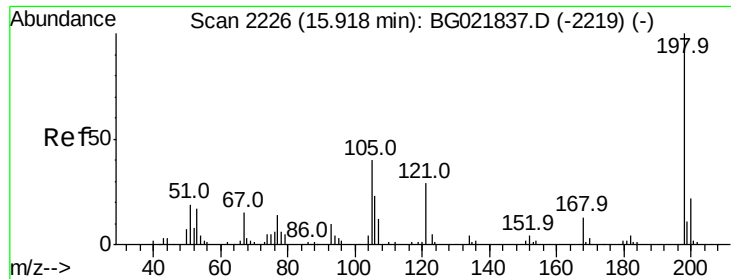


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

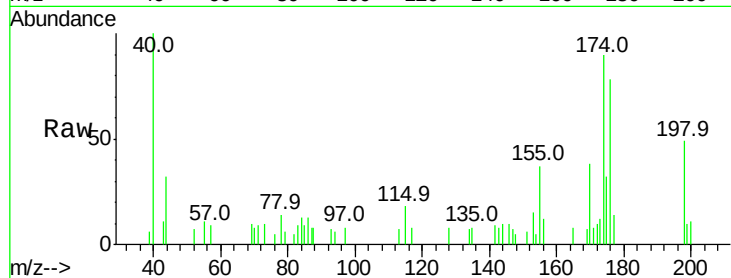




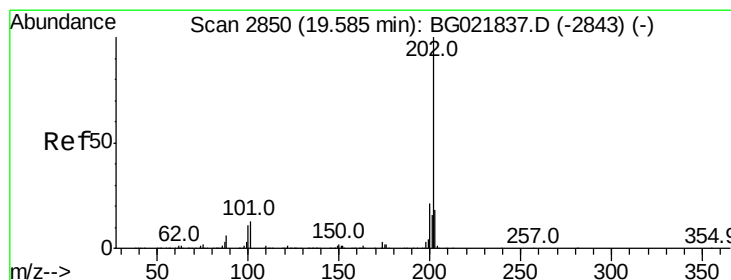
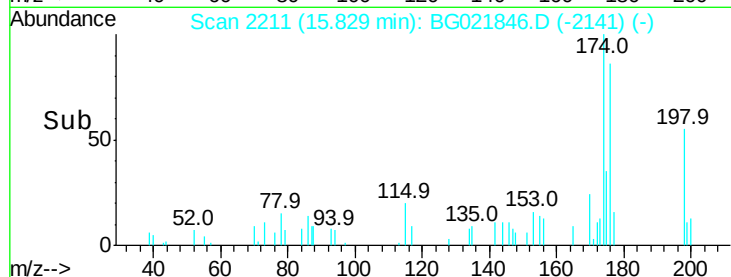
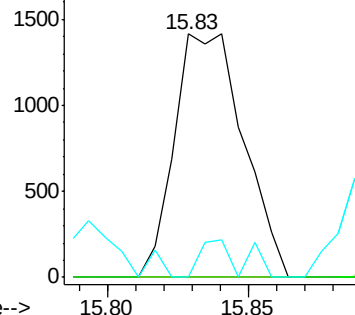
#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.80 ng/ul
 RT: 15.83 min Scan# 2211
 Delta R.T. -0.09 min
 Lab File: BG021846.D
 Acq: 11 May 2016 16:19

Instrument :
 BNA_G
 ClientSampleId :
 D9X92

Tot Ion:198 Resp: 2400
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.8 5.8#
 77 0.0 24.2 36.4#

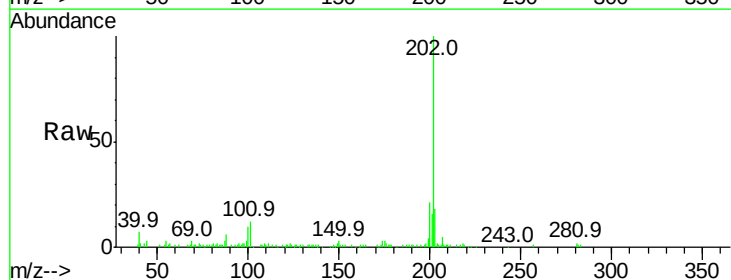


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

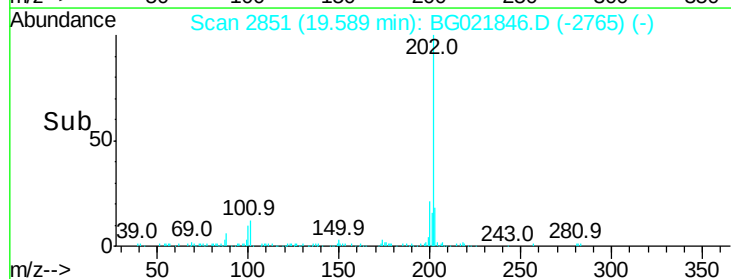
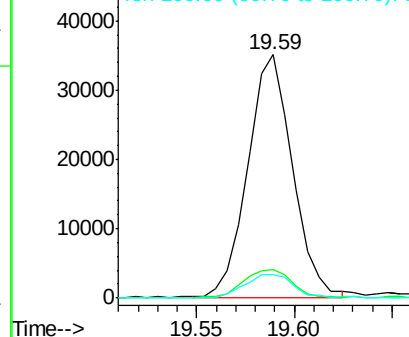


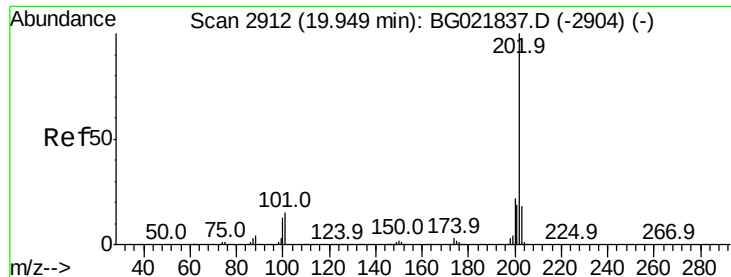
#75
 Fluoranthene
 Concen: 2.02 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG021846.D
 Acq: 11 May 2016 16:19

Tgt Ion:202 Resp: 55496
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.9 13.3
 100 9.6 7.0 10.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

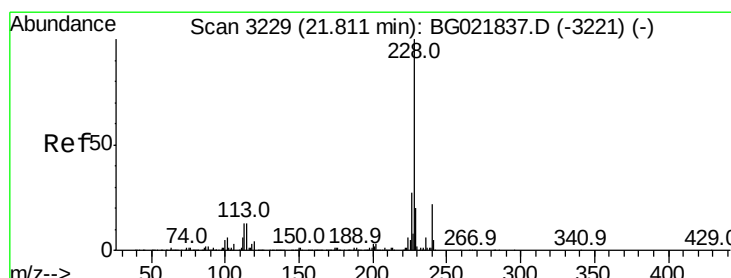
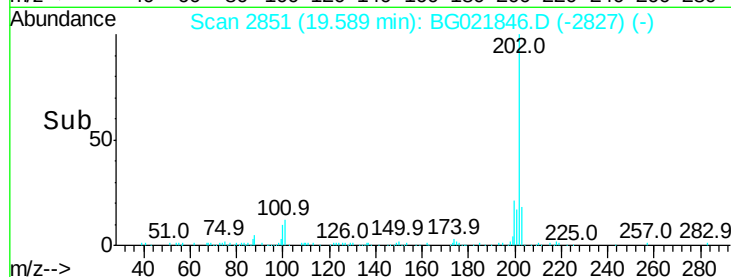
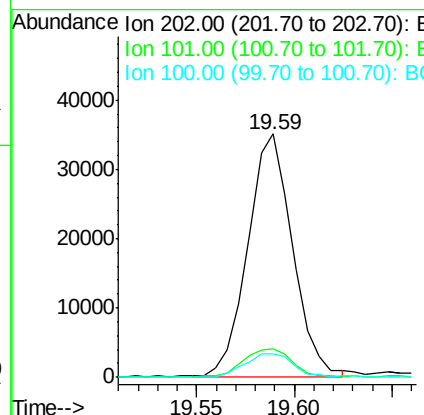
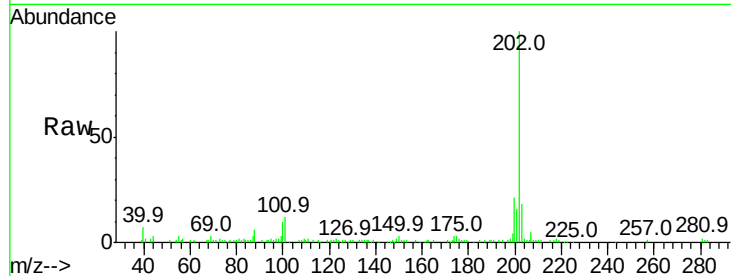




#78
 Pvrene
 Concen: 2.23 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. -0.36 min
 Lab File: BG021846.D
 Acq: 11 May 2016 16:19

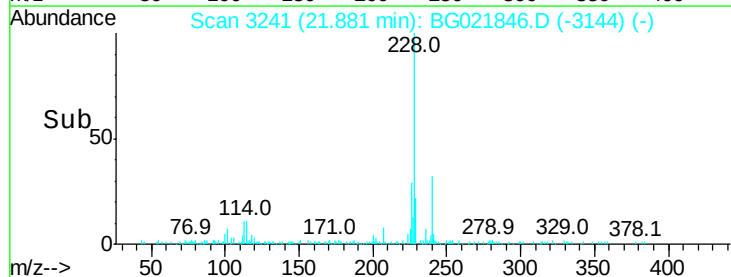
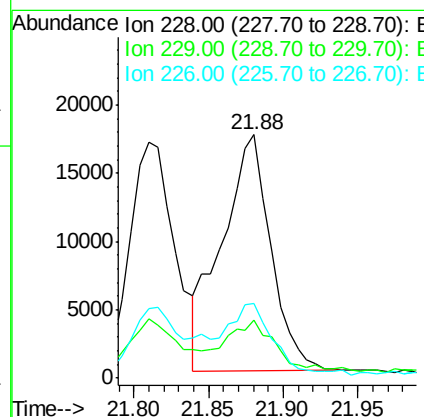
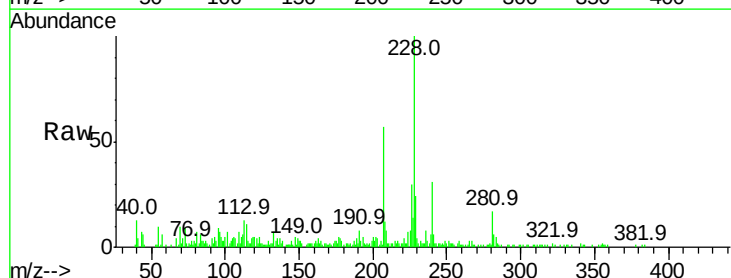
Instrument :
 BNA_G
 ClientSampleId :
 D9X92

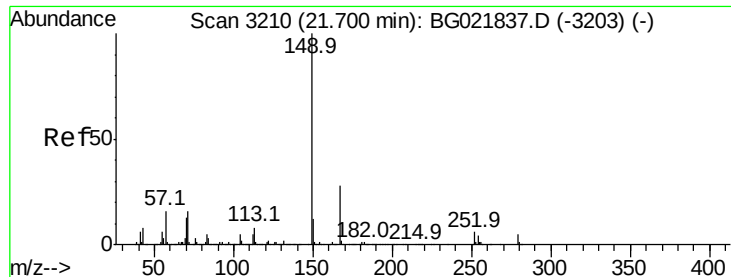
Tot Ion:202 Resp: 55874
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.8 14.8
 100 9.6 9.3 13.9



#81
 Benzo(a)anthracene
 Concen: 1.64 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. 0.07 min
 Lab File: BG021846.D
 Acq: 11 May 2016 16:19

Tgt Ion:228 Resp: 39606
 Ion Ratio Lower Upper
 228 100
 229 23.7 16.6 25.0
 226 30.5 21.0 31.4

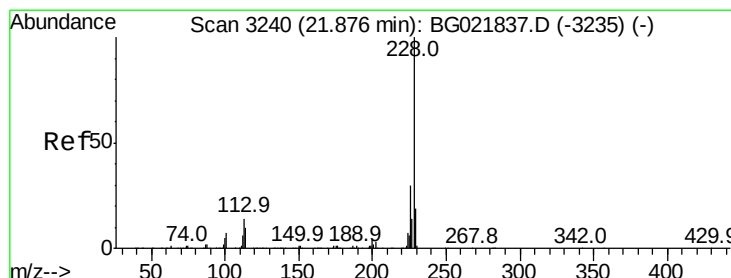
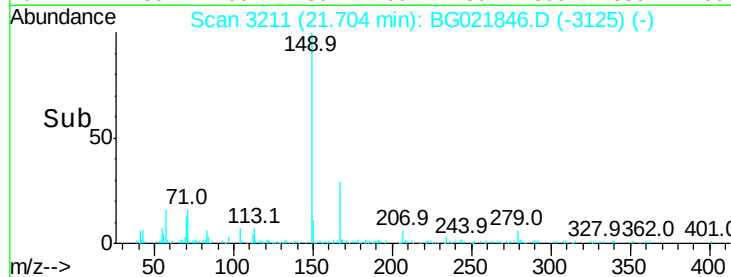
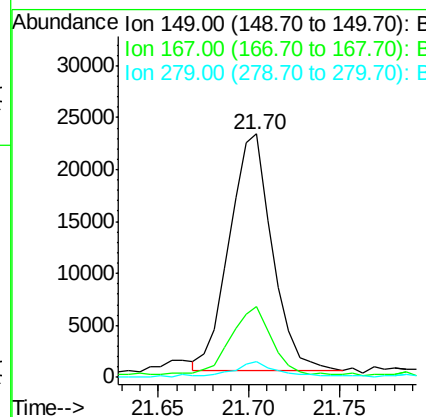
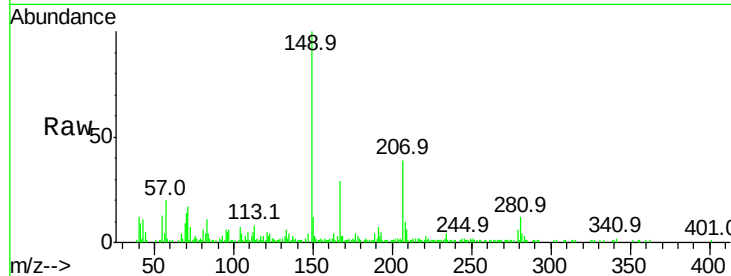




#82
 Bis(2-ethylhexyl)phthalate
 Concen: 4.13 ng/ul
 RT: 21.70 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG021846.D
 Acq: 11 May 2016 16:19

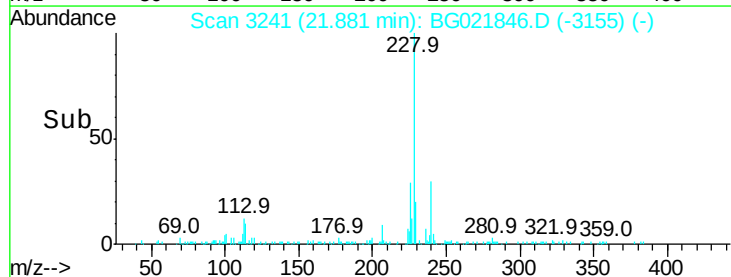
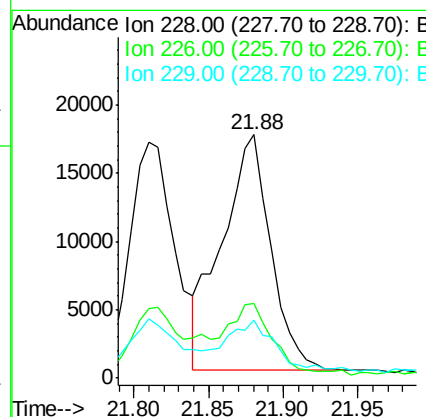
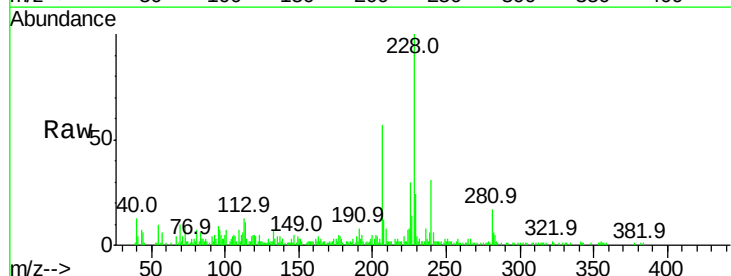
Instrument :
 BNA_G
 ClientSampleId :
 D9X92

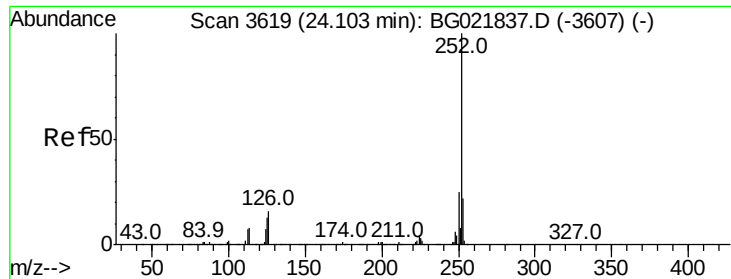
Tot Ion:149 Resp: 37339
 Ion Ratio Lower Upper
 149 100
 167 29.3 20.5 30.7
 279 6.4 3.7 5.5#



#83
 Chrysene
 Concen: 1.66 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: BG021846.D
 Acq: 11 May 2016 16:19

Tgt Ion:228 Resp: 39447
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.4 35.2
 229 23.7 16.2 24.2





#86

Benzo(b)fluoranthene

Concen: 2.98 ng/ul

RT: 24.11 min Scan# 3621

Delta R.T. 0.01 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

Instrument :

BNA_G

ClientSampleId :

D9X92

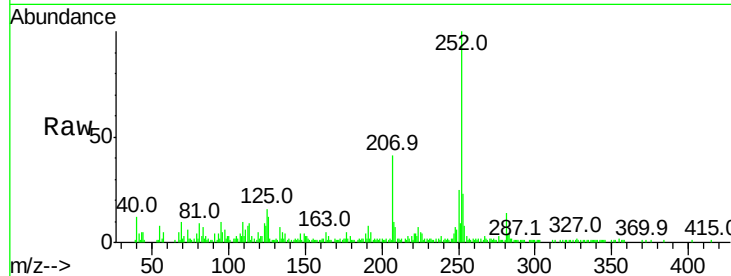
Tot Ion:252 Resp: 73142

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

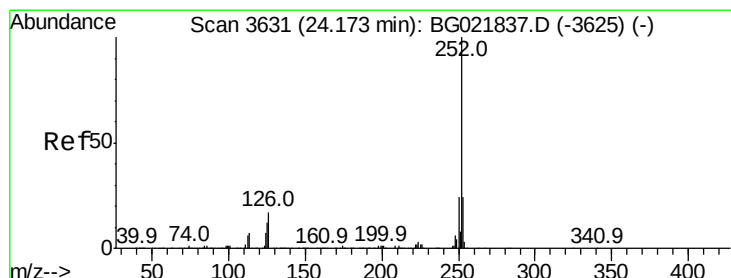
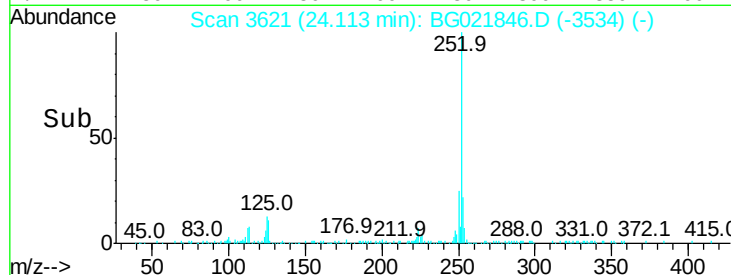
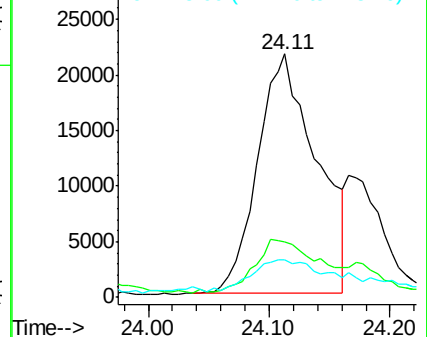
125 15.6 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#87

Benzo(k)fluoranthene

Concen: 2.78 ng/ul

RT: 24.11 min Scan# 3621

Delta R.T. -0.06 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

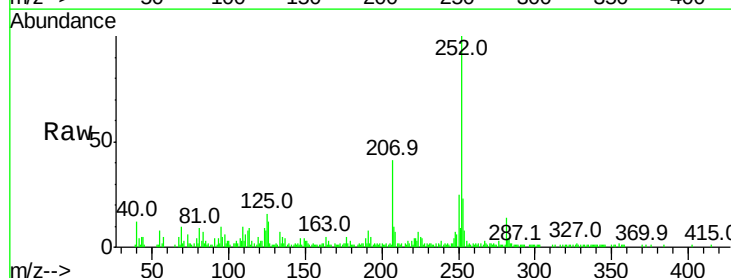
Tgt Ion:252 Resp: 73142

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

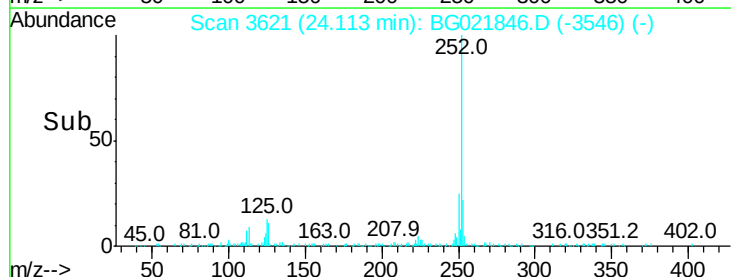
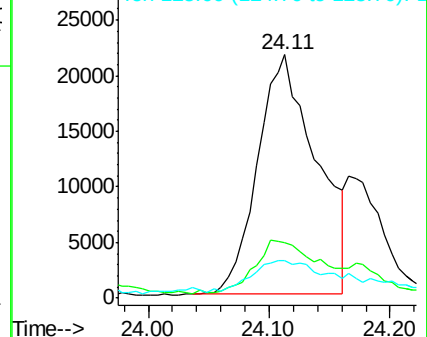
125 15.6 7.7 11.5#

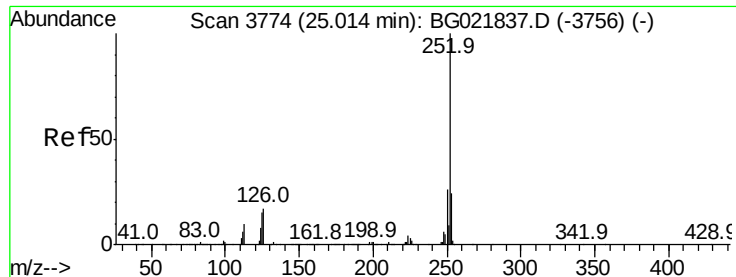


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.77 ng/ul

RT: 25.01 min Scan# 3774

Delta R.T. -0.00 min

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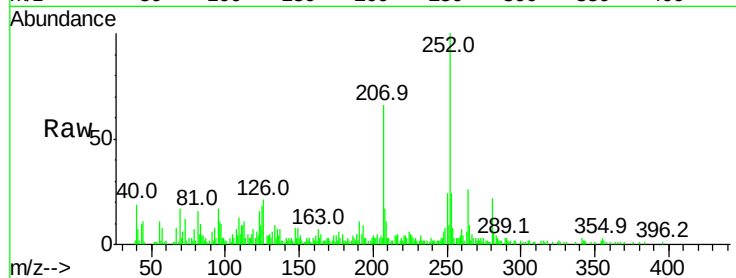
Tot Ion:252 Resp: 43279

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

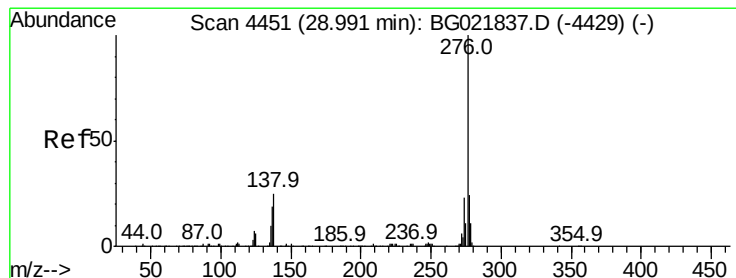
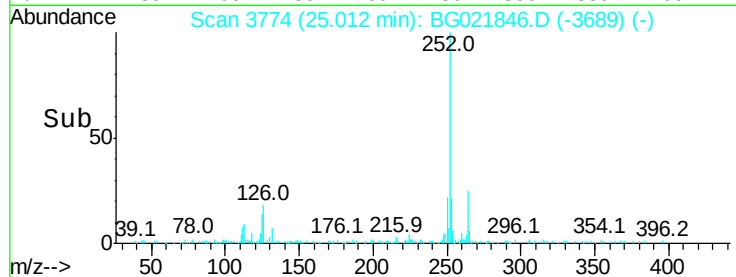
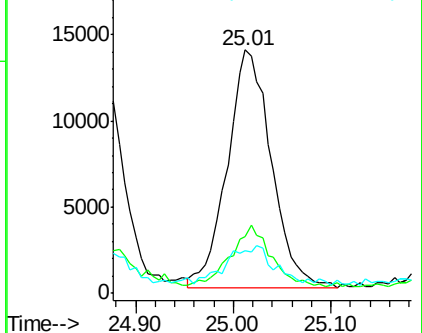
125 17.7 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Indeno(1,2,3-cd)pyrene

Concen: 1.38 ng/ul

RT: 28.99 min Scan# 4451

Delta R.T. -0.00 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

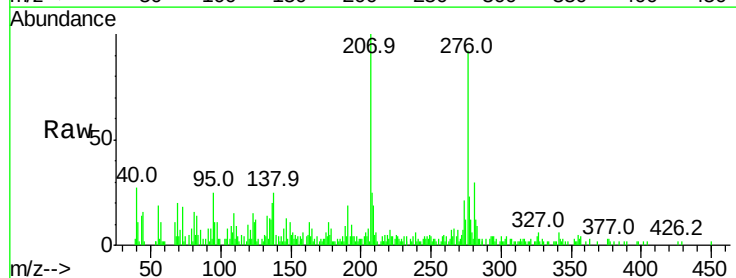
Tgt Ion:276 Resp: 39974

Ion Ratio Lower Upper

276 100

138 27.4 15.8 23.6#

277 24.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

