

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Quant Time: May 13 05:02:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	68667	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	365484	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	230542	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	475716	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	467179	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	479804	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	4843	3.40	ng/uL	0.00
5) Phenol-d5	7.32	99	118134	23.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	55103	21.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	106911	27.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	103619	24.21	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	55942	23.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	62319	41.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	115349	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	106430	23.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	363832	22.47	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	484457	21.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	54660	19.69	ng/ul	0.00
58) Fluorene-d10	15.78	176	333039	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33307	25.28	ng/ul	0.00
71) Anthracene-d10	17.64	188	471974	20.38	ng/ul	0.00
77) Pyrene-d10	19.92	212	487459	22.29	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	468178	20.54	ng/ul	0.00

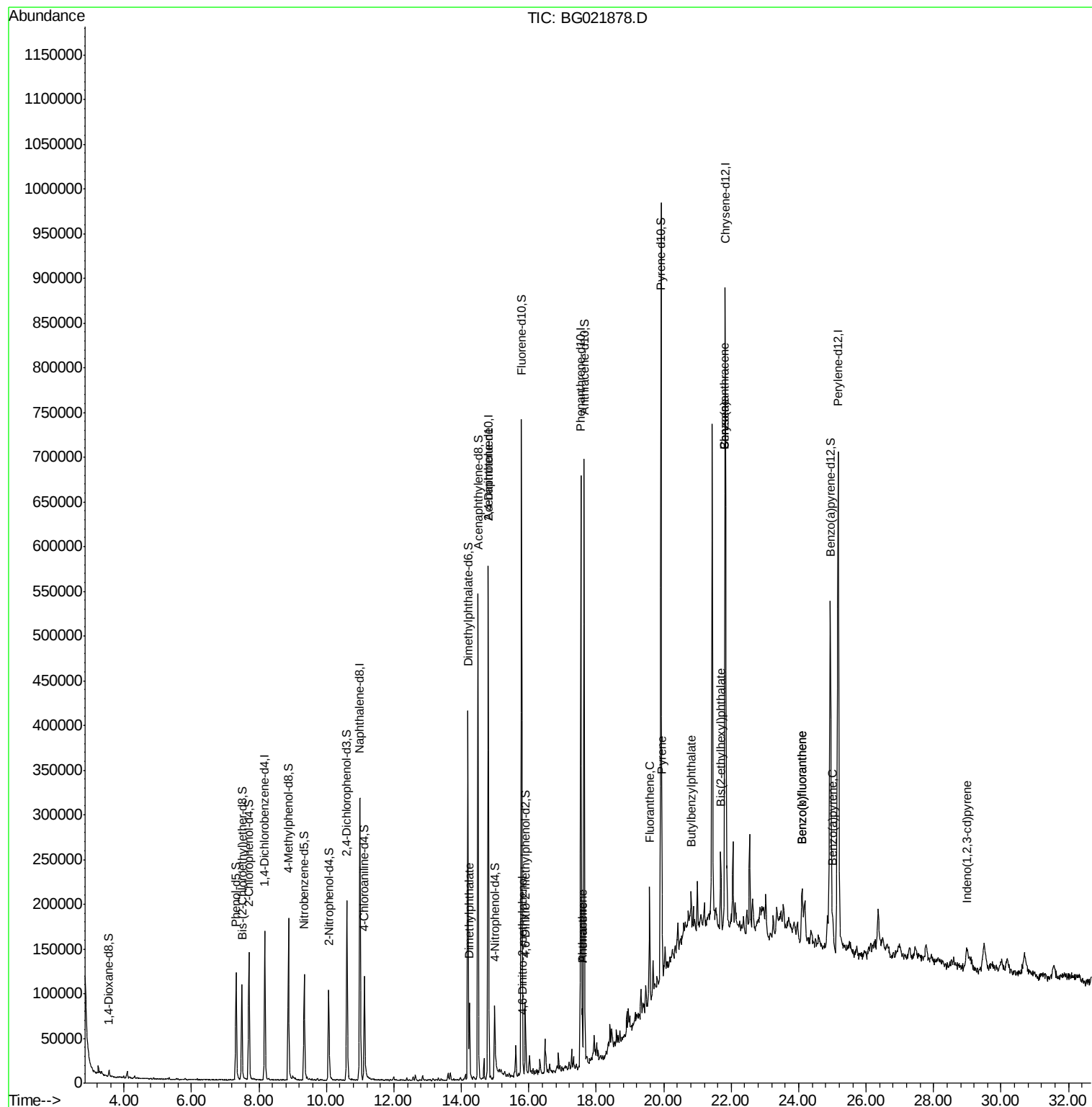
Target Compounds				Qvalue		
45) Dimethylphthalate	14.24	163	67343	4.08	ng/ul	99
55) 2,4-Dinitrotoluene	14.79	165	30173	6.70	ng/ul#	25
64) 4,6-Dinitro-2-methylphenol	15.83	198	2253	1.57	ng/ul#	66
70) Phenanthrene	17.58	178	41951	1.61	ng/ul	99
72) Anthracene	17.58	178	41951	1.59	ng/ul	97
75) Fluoranthene	19.58	202	89318	3.02	ng/ul#	96
78) Pyrene	19.94	202	74237	2.75	ng/ul	96
79) Butylbenzylphthalate	20.81	149	16756	2.80	ng/ul#	79
81) Benzo(a)anthracene	21.81	228	45773	1.76	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	49940	5.12	ng/ul#	97
83) Chrysene	21.81	228	45654	1.78	ng/ul	97
86) Benzo(b)fluoranthene	24.10	252	78863	2.87	ng/ul#	92
87) Benzo(k)fluoranthene	24.10	252	78863	2.68	ng/ul#	92
89) Benzo(a)pyrene	25.00	252	49380	1.81	ng/ul#	89
90) Indeno(1,2,3-cd)pyrene	28.98	276	37296	1.15	ng/ul#	91

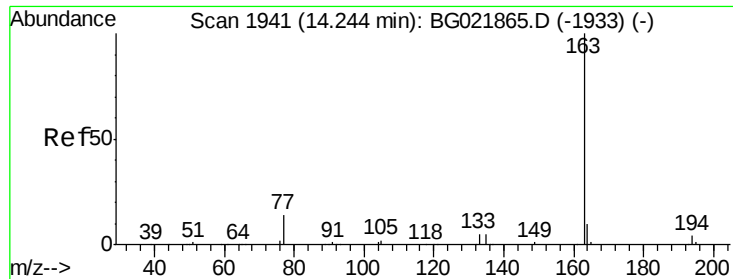
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

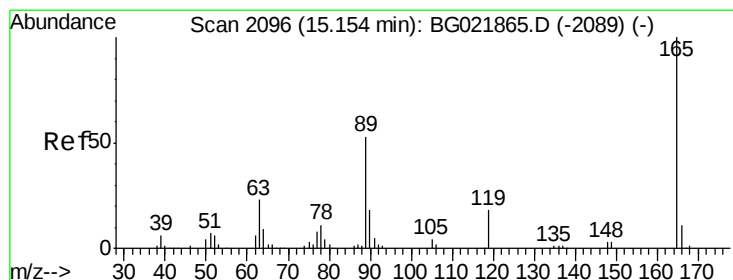
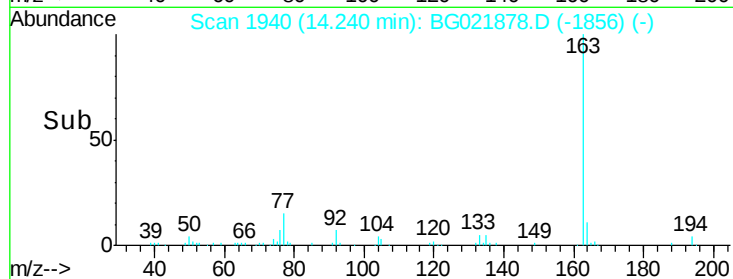
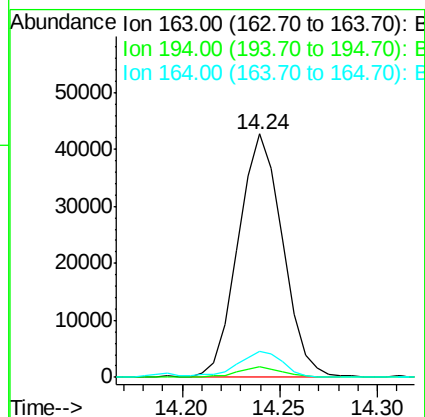
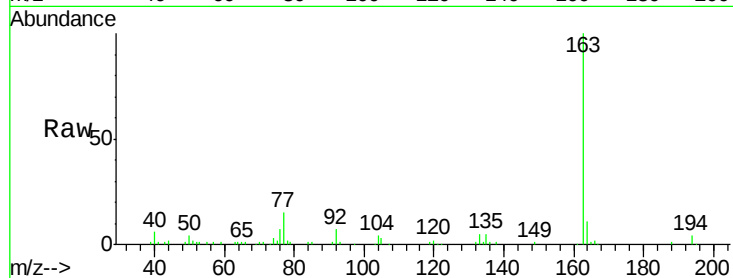




#45
 Dimethylphthalate
 Concen: 4.08 ng/ul
 RT: 14.24 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BG021878.D
 Acq: 12 May 2016 21:15

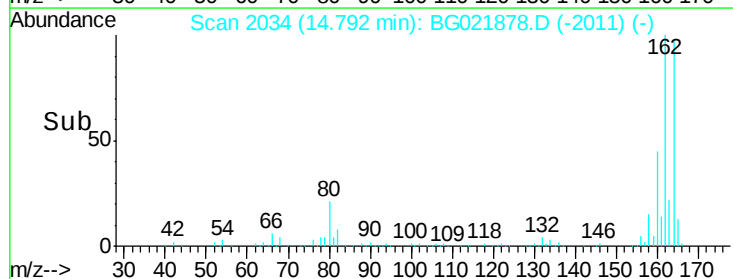
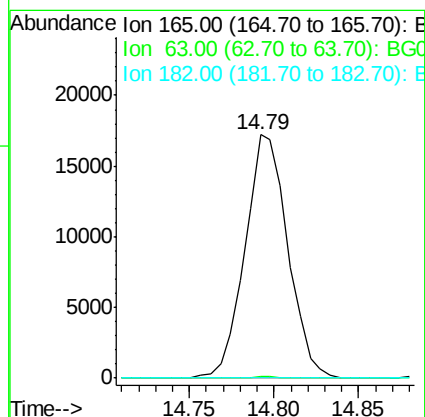
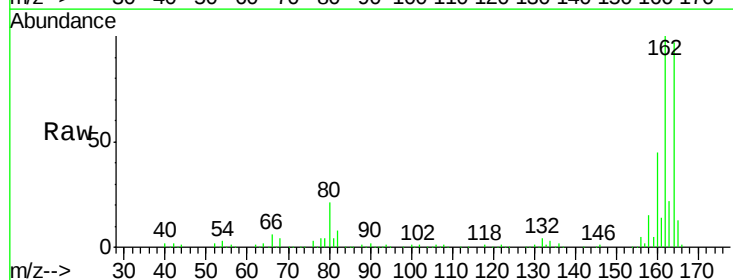
Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

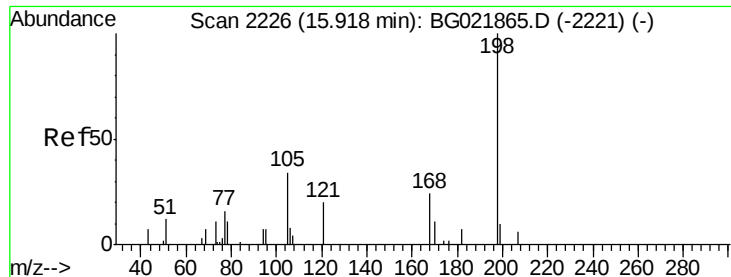
Tgt Ion:163 Resp: 67343
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.9 5.9
 164 10.6 8.7 13.1



#55
 2,4-Dinitrotoluene
 Concen: 6.70 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.36 min
 Lab File: BG021878.D
 Acq: 12 May 2016 21:15

Tgt Ion:165 Resp: 30173
 Ion Ratio Lower Upper
 165 100
 63 0.9 48.1 72.1#
 182 0.0 2.2 3.2#

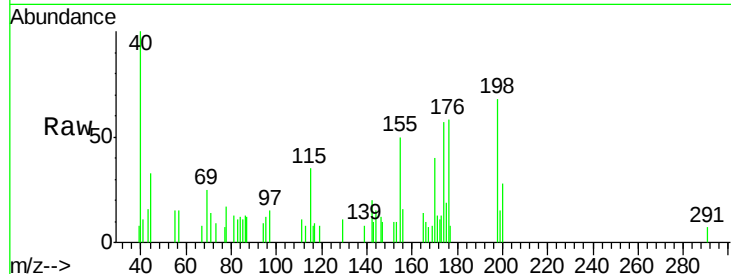




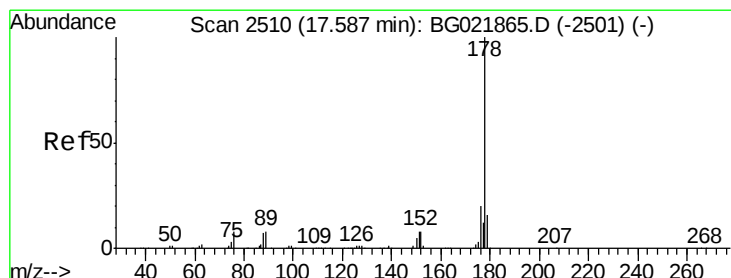
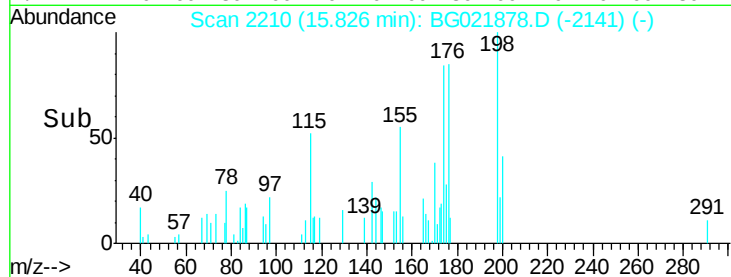
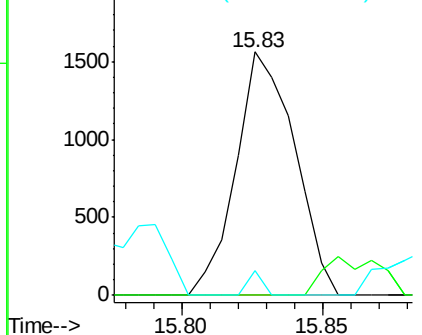
#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.57 ng/ul
 RT: 15.83 min Scan# 2210
 Delta R.T. -0.09 min
 Lab File: BG021878.D
 Acq: 12 May 2016 21:15

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

Tgt Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.8#
77	9.9	24.2	36.4#

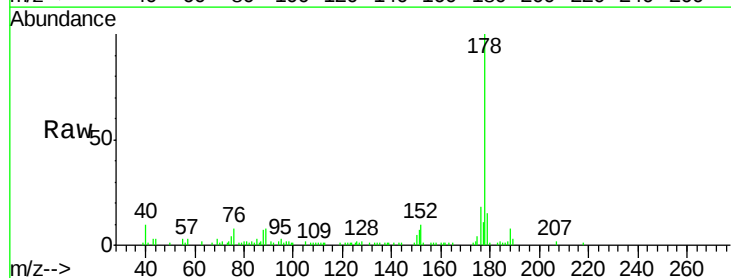


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

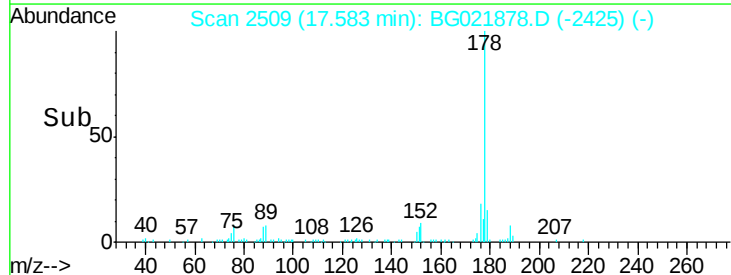
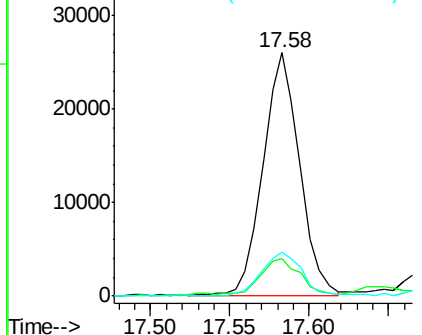


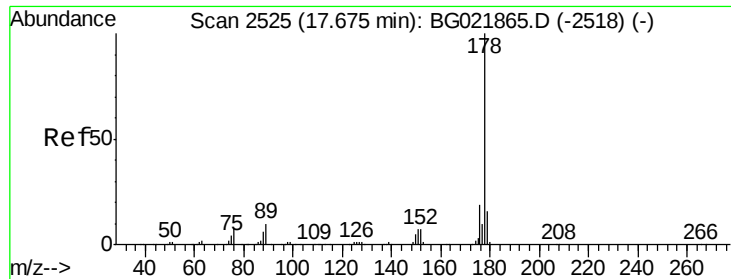
#70
 Phenanthrene
 Concen: 1.61 ng/ul
 RT: 17.58 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG021878.D
 Acq: 12 May 2016 21:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	17.9	14.8	22.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

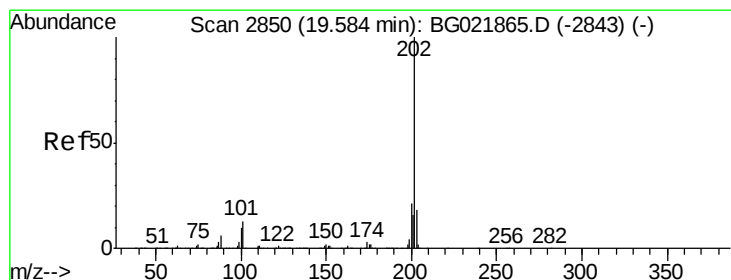
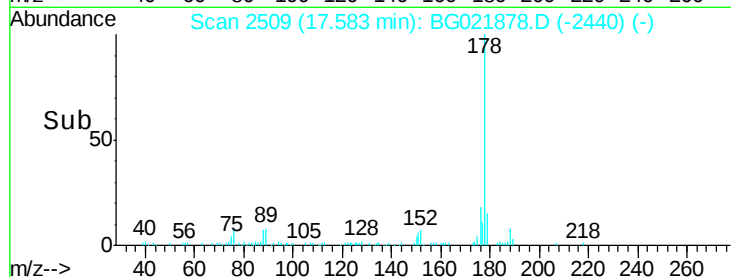
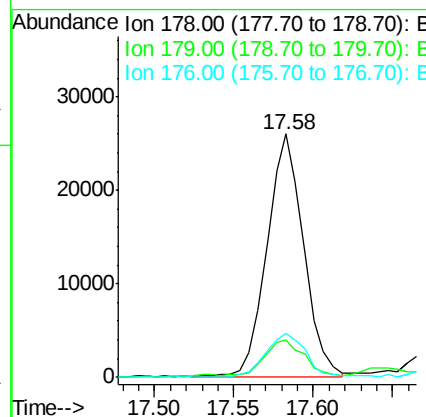
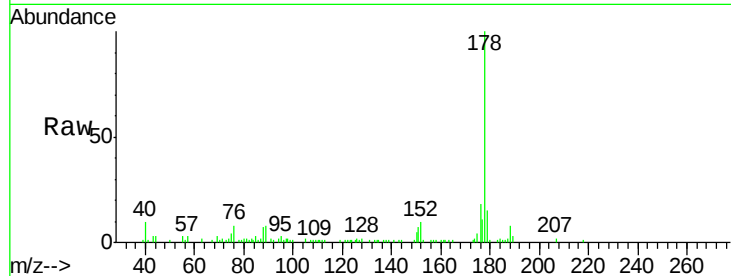




#72
 Anthracene
 Concen: 1.59 ng/ul
 RT: 17.58 min Scan# 2509
 Delta R.T. -0.09 min
 Lab File: BG021878.D
 Acq: 12 May 2016 21:15

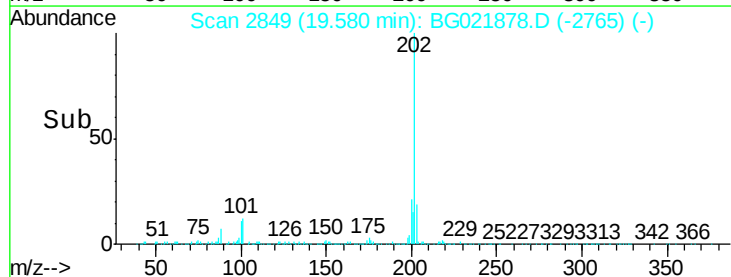
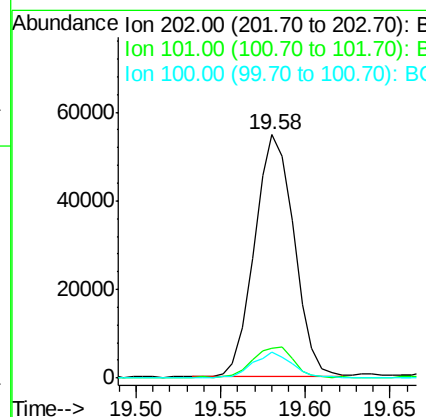
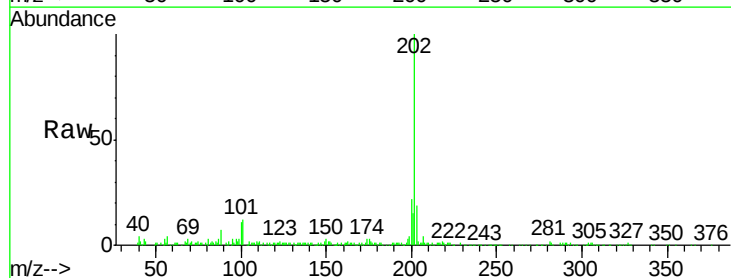
Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

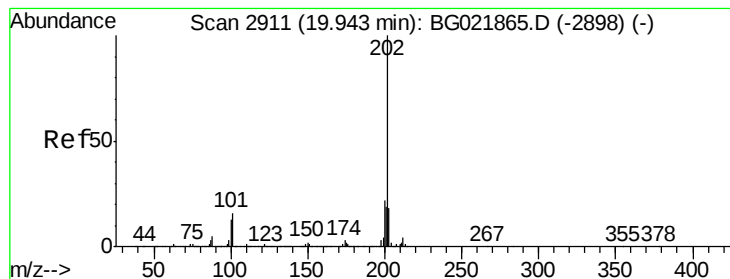
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	17.9	15.6	23.4



#75
 Fluoranthene
 Concen: 3.02 ng/ul
 RT: 19.58 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG021878.D
 Acq: 12 May 2016 21:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.9	13.3
100	10.7	7.0	10.4





#78

Pyrene

Concen: 2.75 ng/ul

RT: 19.94 min Scan# 2911

Delta R.T. 0.00 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

Instrument :

BNA_G

ClientSampleId :

D9WK5

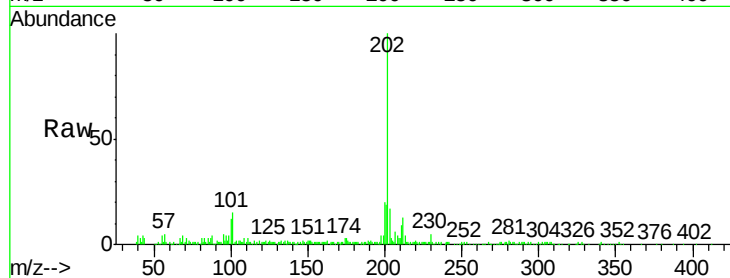
Tgt Ion: 202 Resp: 74237

Ion Ratio Lower Upper

202 100

101 14.7 9.8 14.8

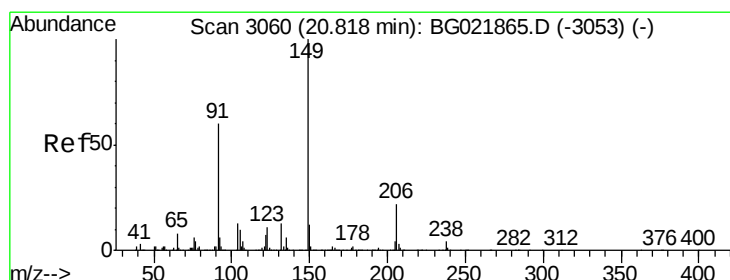
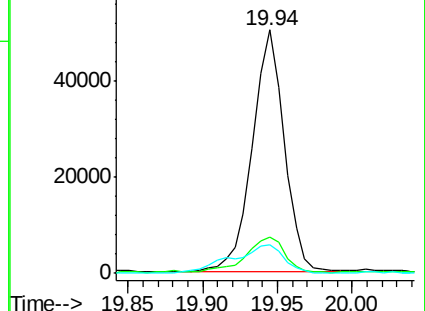
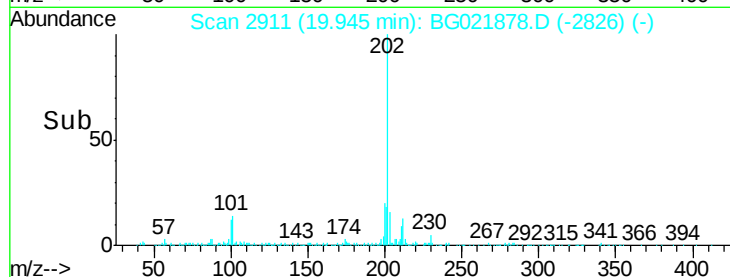
100 12.0 9.3 13.9



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



#79

Butylbenzylphthalate

Concen: 2.80 ng/ul

RT: 20.81 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

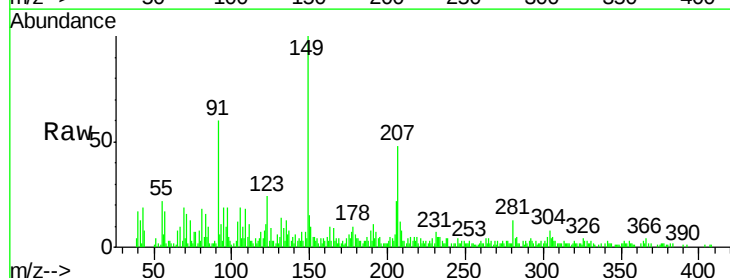
Tgt Ion: 149 Resp: 16756

Ion Ratio Lower Upper

149 100

91 60.2 65.8 98.8#

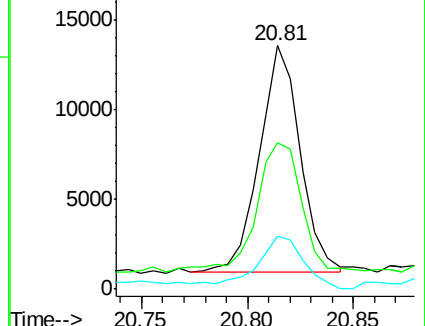
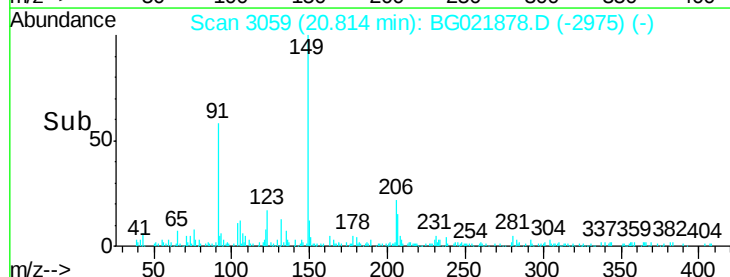
206 21.8 15.5 23.3

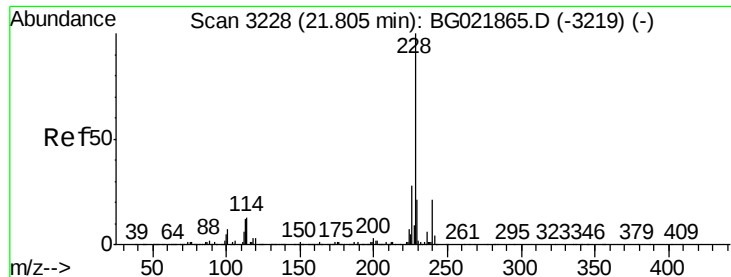


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 1.76 ng/ul

RT: 21.81 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

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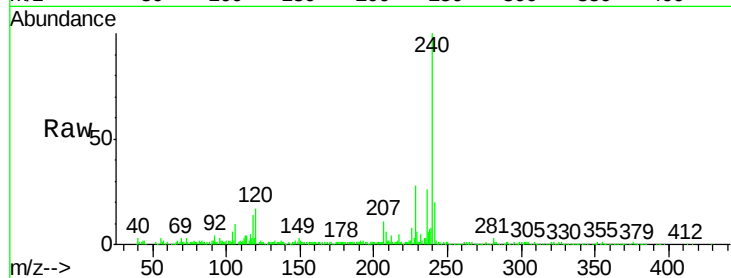
Tgt Ion:228 Resp: 45773

Ion Ratio Lower Upper

228 100

229 22.2 16.6 25.0

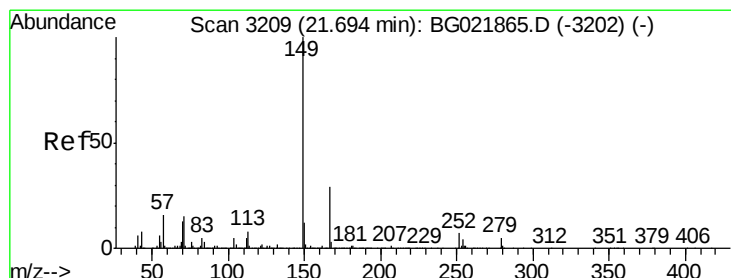
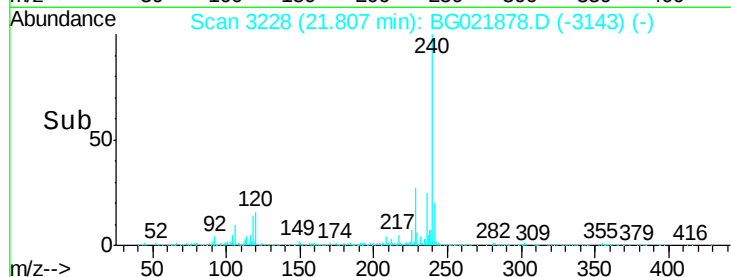
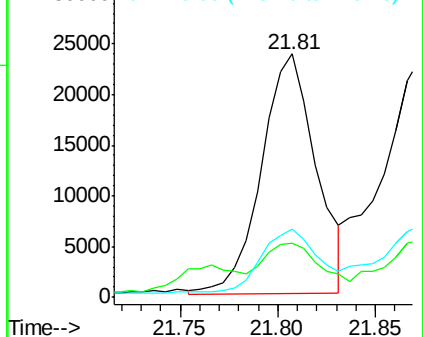
226 28.0 21.0 31.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Bis(2-ethylhexyl)phthalate

Concen: 5.12 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

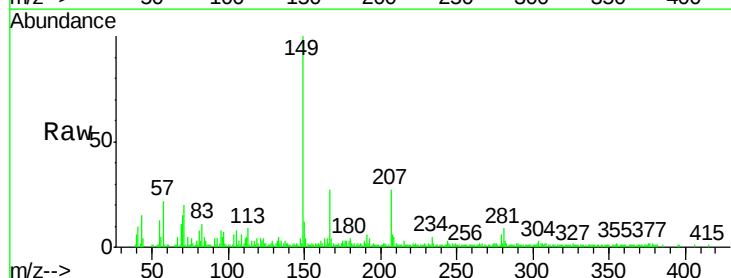
Tgt Ion:149 Resp: 49940

Ion Ratio Lower Upper

149 100

167 27.3 20.5 30.7

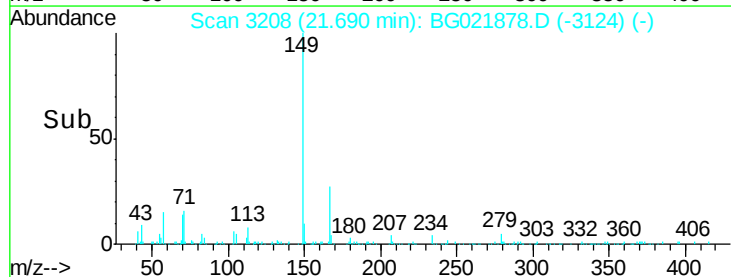
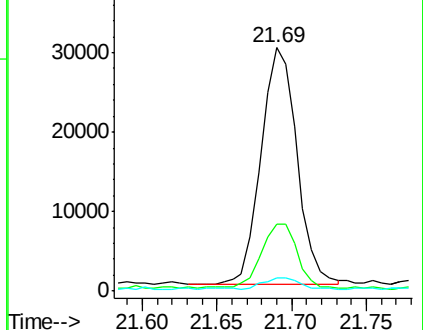
279 5.5 3.7 5.5#

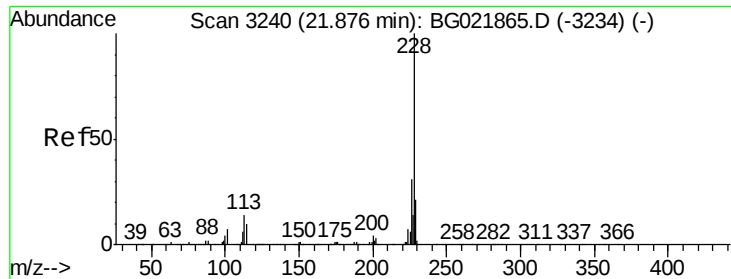


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#83

Chrysene

Concen: 1.78 ng/ul

RT: 21.81 min Scan# 3228

Delta R.T. -0.07 min

Lab File: BG021878.D

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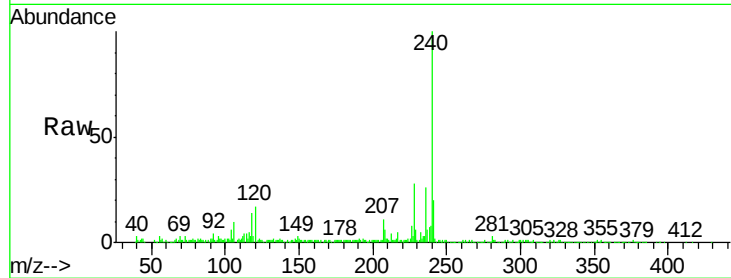
Tgt Ion:228 Resp: 45654

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.2

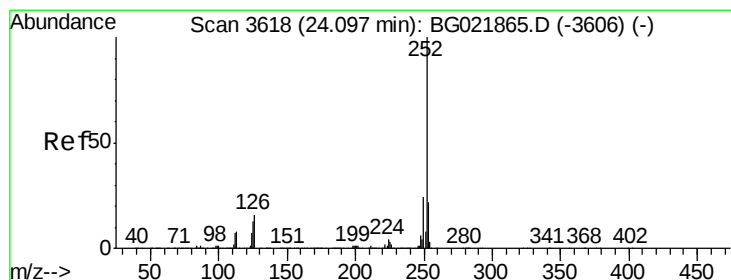
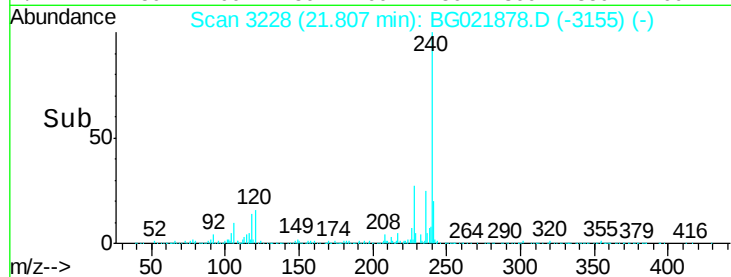
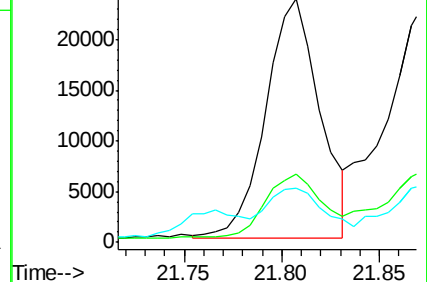
229 22.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Benzo(b)fluoranthene

Concen: 2.87 ng/ul

RT: 24.10 min Scan# 3618

Delta R.T. 0.00 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

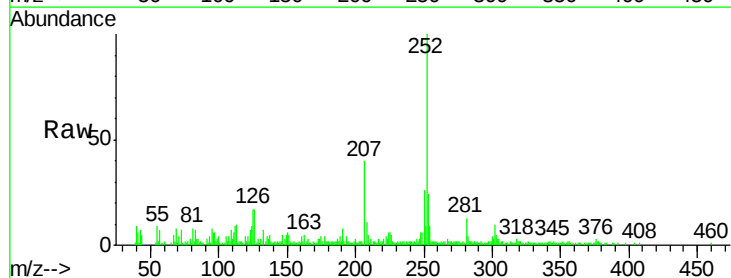
Tgt Ion:252 Resp: 78863

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

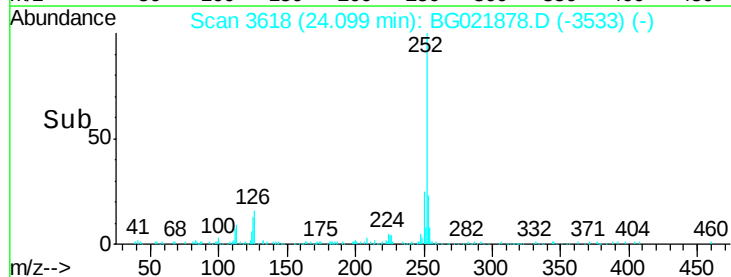
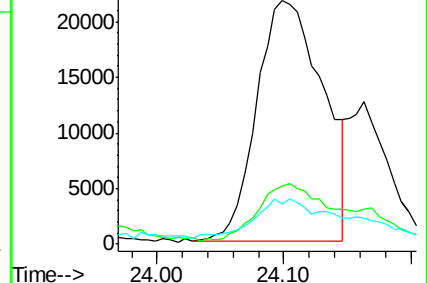
125 16.7 7.6 11.4#

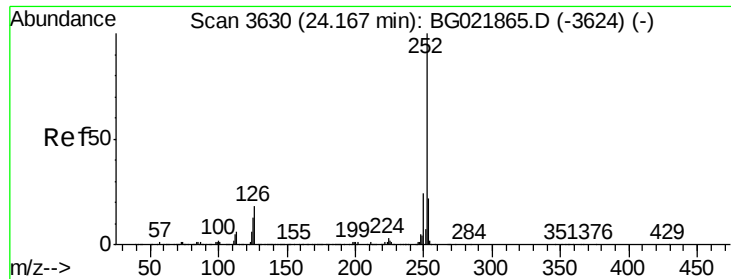


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#87

Benzo(k)fluoranthene

Concen: 2.68 ng/ul

RT: 24.10 min Scan# 3618

Delta R.T. -0.07 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

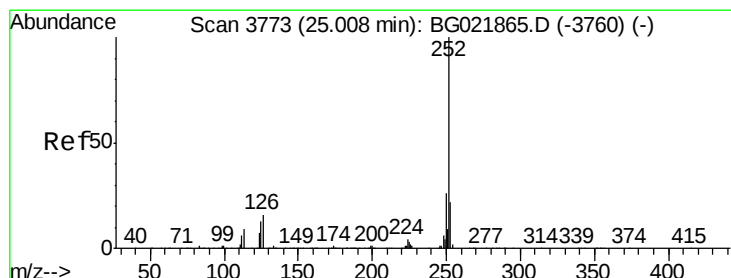
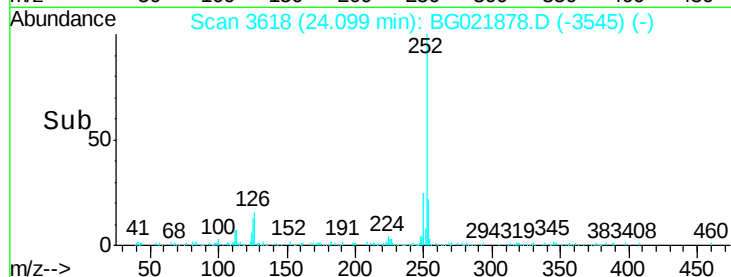
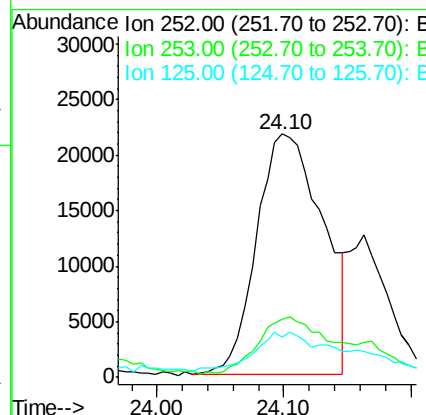
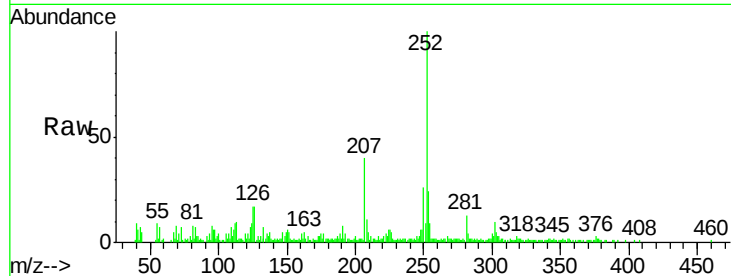
Instrument :

BNA_G

ClientSampleId :

D9WK5

Tgt Ion:	252	Resp:	78863
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	16.7	7.7	11.5#



#89

Benzo(a)pyrene

Concen: 1.81 ng/ul

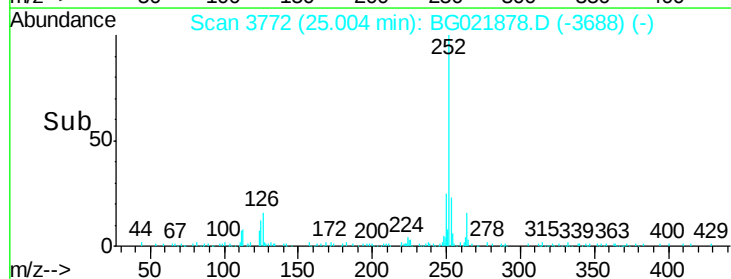
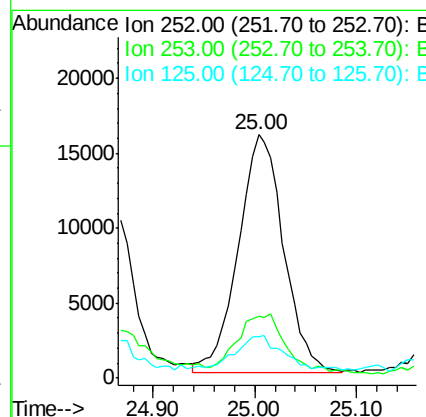
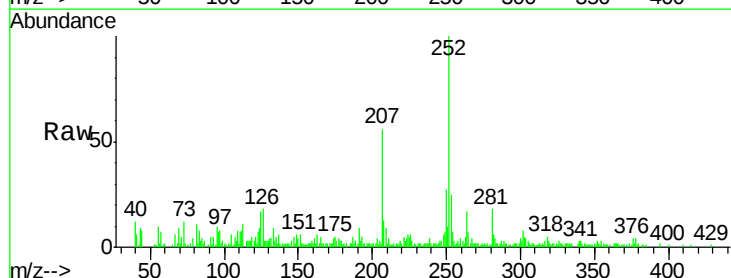
RT: 25.00 min Scan# 3772

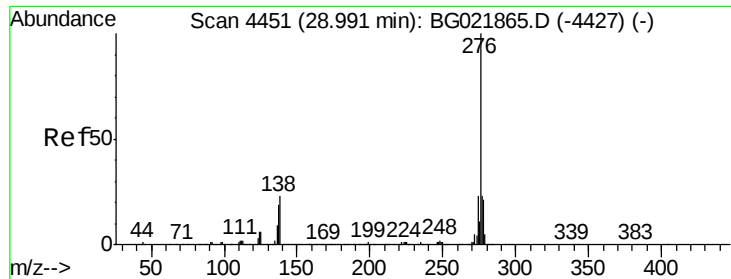
Delta R.T. -0.00 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

Tgt Ion:	252	Resp:	49380
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.4	26.0
125	17.0	8.2	12.2#





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.15 ng/ul

RT: 28.98 min Scan# 4449

Delta R.T. -0.01 min

Lab File: BG021878.D

Acq: 12 May 2016 21:15

Instrument :

BNA_G

ClientSampleId :

D9WK5

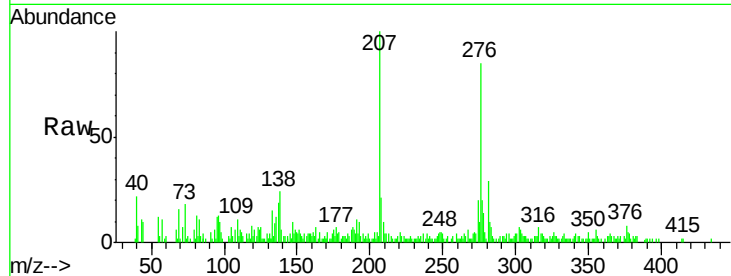
Tgt Ion:276 Resp: 37296

Ion Ratio Lower Upper

276 100

138 27.8 15.8 23.6#

277 23.2 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

