

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021896.D
 Acq On : 15 May 2016 16:54
 Operator : UM/SJ
 Sample : H3096-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG3

Quant Time: May 16 01:29:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	60817	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	310856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	187901	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	395090	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	387134	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	386898	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	3278	2.60	ng/uL	0.00
5) Phenol-d5	7.31	99	86115	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	43434	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	83485	23.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	62134	16.39	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	44643	21.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	50460	39.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	91698	25.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	59831	15.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	307878	23.33	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	415784	22.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	32462	14.35	ng/ul	0.00
58) Fluorene-d10	15.78	176	294904	21.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	37045	33.85	ng/ul	0.00
71) Anthracene-d10	17.63	188	413153	21.48	ng/ul	0.00
77) Pyrene-d10	19.91	212	437747	24.16	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	410042	22.31	ng/ul	0.00

Target Compounds

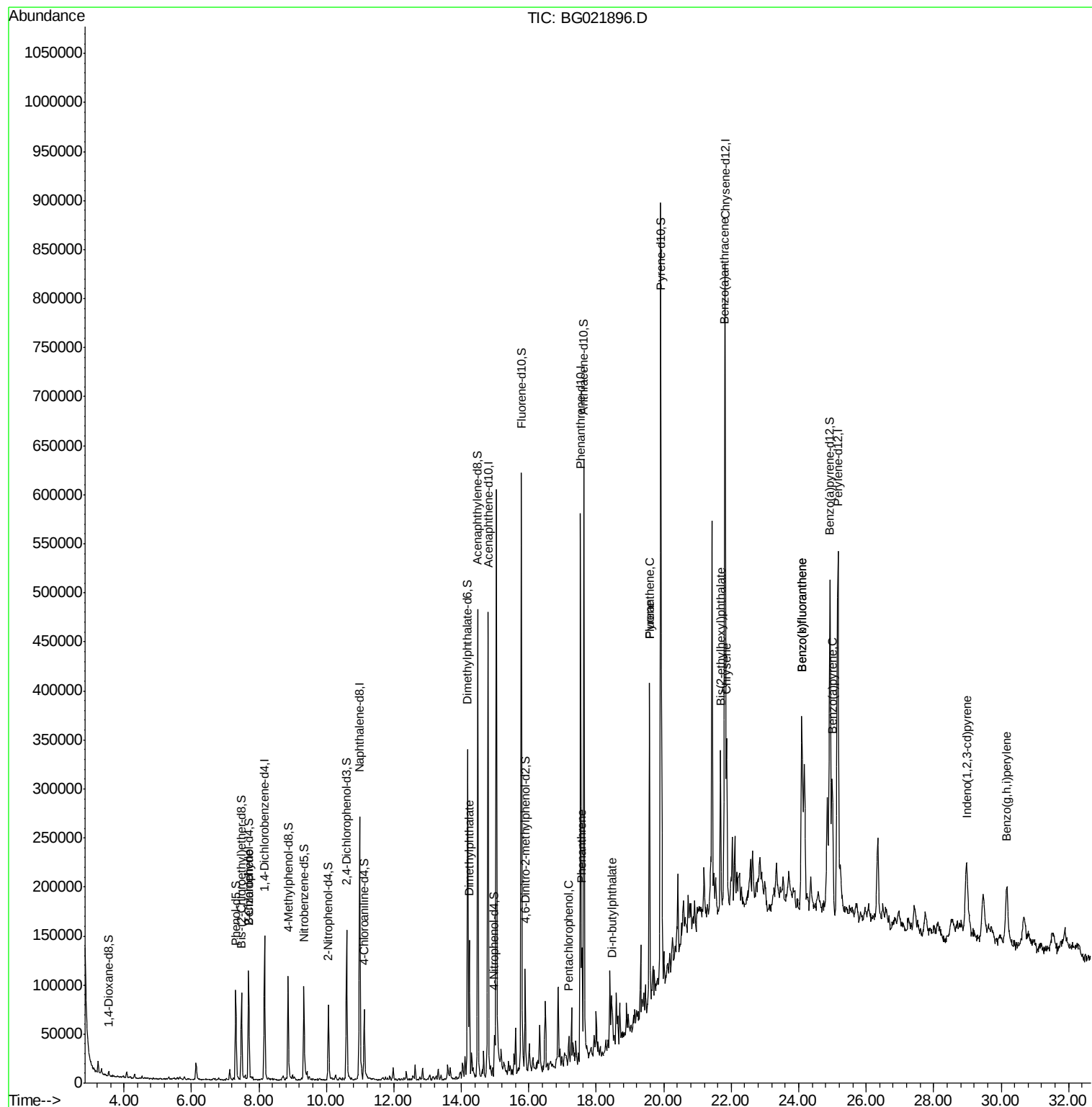
						Ovalue
4) Benzaldehyde	7.70	77	1313	2.68	ng/ul	86
45) Dimethylphthalate	14.23	163	114748	8.54	ng/ul	99
69) Pentachlorophenol	17.18	266	3733	2.05	ng/ul#	87
70) Phenanthrene	17.58	178	96379	4.46	ng/ul	97
74) Di-n-butylphthalate	18.48	149	34297	1.98	ng/ul#	96
75) Fluoranthene	19.57	202	223351	9.10	ng/ul	95
78) Pyrene	19.57	202	223351	9.97	ng/ul	97
81) Benzo(a)anthracene	21.80	228	136906	6.35	ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.68	149	83836	10.37	ng/ul	93
83) Chrysene	21.87	228	151149	7.09	ng/ul	95
86) Benzo(b)fluoranthene	24.09	252	262980	11.87	ng/ul#	95
87) Benzo(k)fluoranthene	24.09	252	262980	11.09	ng/ul#	94
89) Benzo(a)pyrene	25.00	252	159107	7.22	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	28.97	276	135257	5.18	ng/ul#	92
92) Benzo(g,h,i)perylene	30.18	276	127546	5.91	ng/ul#	92

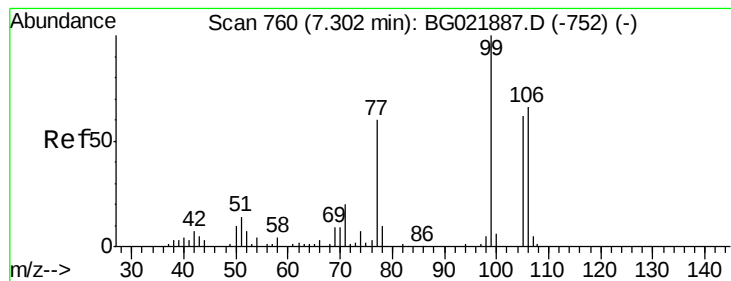
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021896.D
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Quant Time: May 16 01:29:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.68 ng/ul

RT: 7.70 min Scan# 827

Delta R.T. 0.40 min

Lab File: BG021896.D

Acq: 15 May 2016 16:54

Instrument :

BNA_G

ClientSampled :

D9XG3

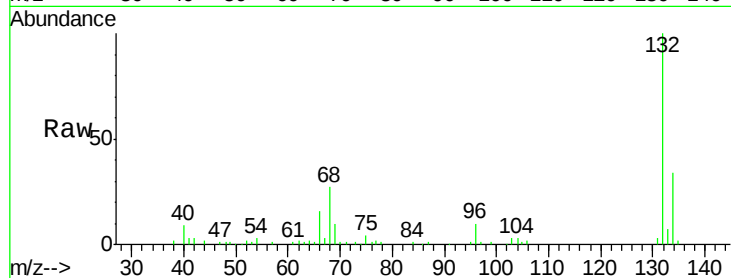
Tot Ion: 77 Resp: 1313

Ion Ratio Lower Upper

77 100

105 72.4 68.5 102.7

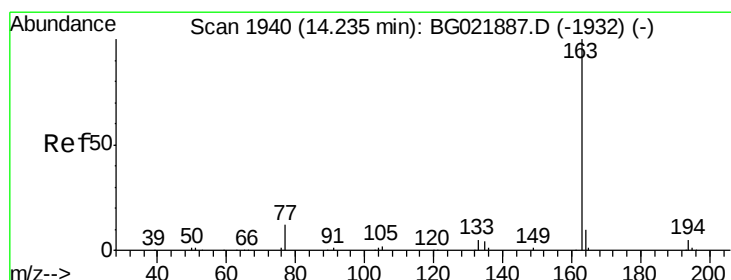
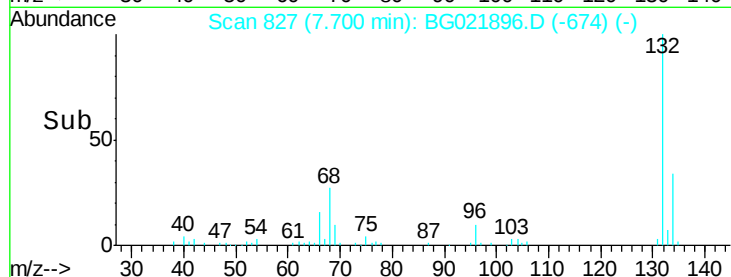
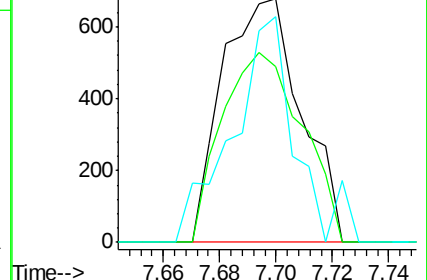
106 92.6 65.0 97.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#45

Dimethylphthalate

Concen: 8.54 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG021896.D

Acq: 15 May 2016 16:54

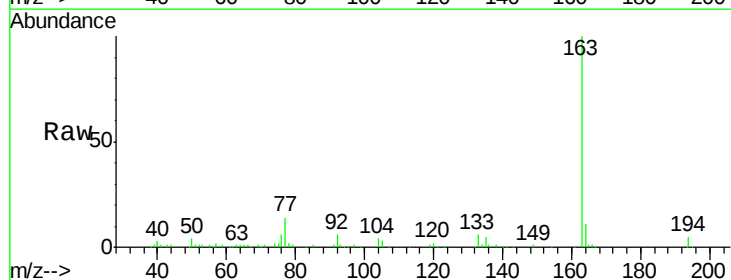
Tgt Ion: 163 Resp: 114748

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

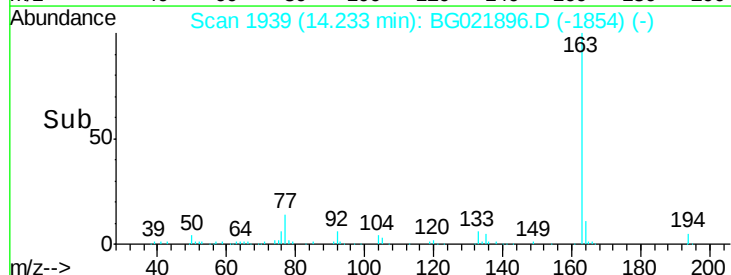
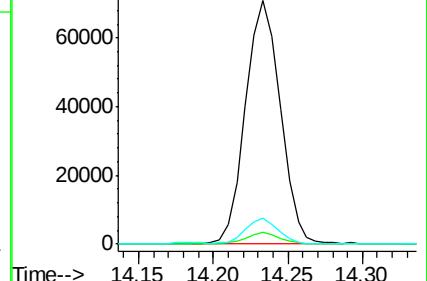
164 10.6 8.7 13.1

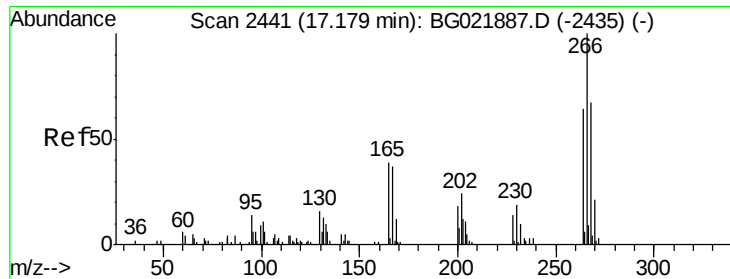


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

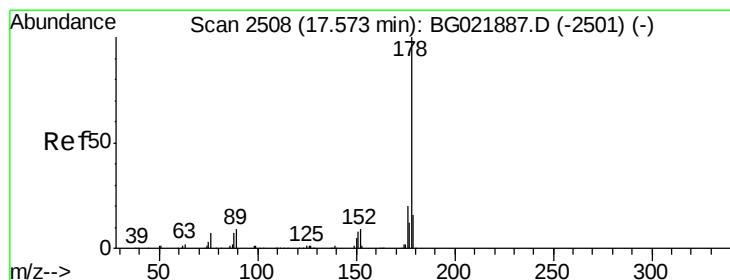
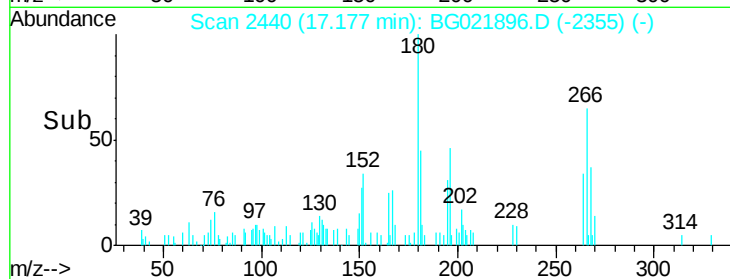
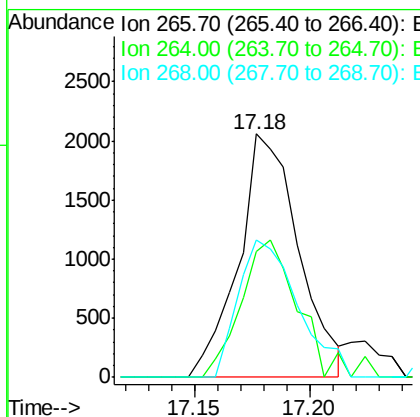
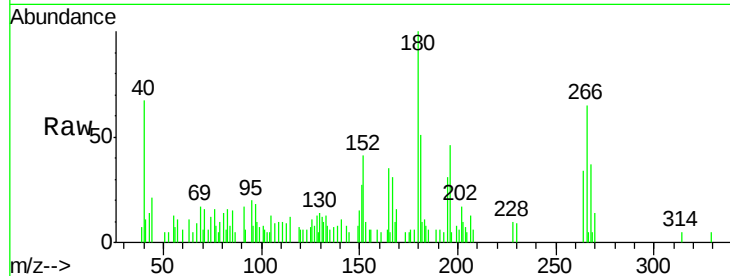




#69
 Pentachlorophenol
 Concen: 2.05 ng/ul
 RT: 17.18 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG021896.D
 Acq: 15 May 2016 16:54

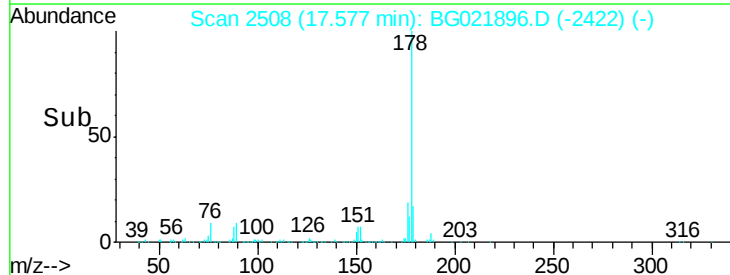
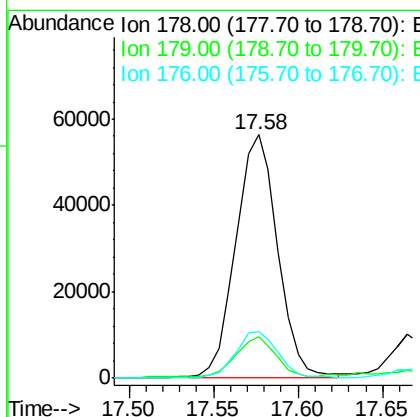
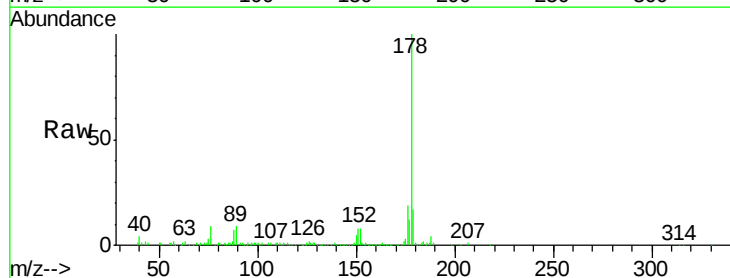
Instrument :
 BNA_G
 ClientSampled :
 D9XG3

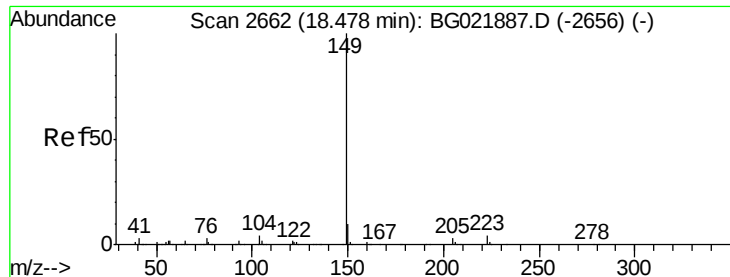
Tot Ion:266 Resp: 3733
 Ion Ratio Lower Upper
 266 100
 264 51.5 56.7 85.1#
 268 64.5 50.6 76.0



#70
 Phenanthrene
 Concen: 4.46 ng/ul
 RT: 17.58 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG021896.D
 Acq: 15 May 2016 16:54

Tgt Ion:178 Resp: 96379
 Ion Ratio Lower Upper
 178 100
 179 16.9 11.8 17.8
 176 19.1 14.8 22.2





#74

Di-n-butylphthalate

Concen: 1.98 ng/ul

RT: 18.48 min Scan# 2661

Delta R.T. -0.00 min

Lab File: BG021896.D

Acq: 15 May 2016 16:54

Instrument :

BNA_G

ClientSampleId :

D9XG3

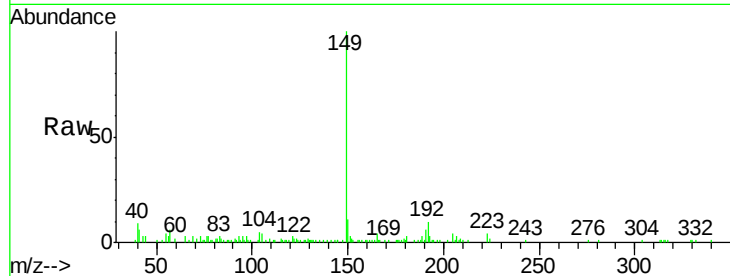
Tot Ion:149 Resp: 34297

Ion Ratio Lower Upper

149 100

150 10.6 7.5 11.3

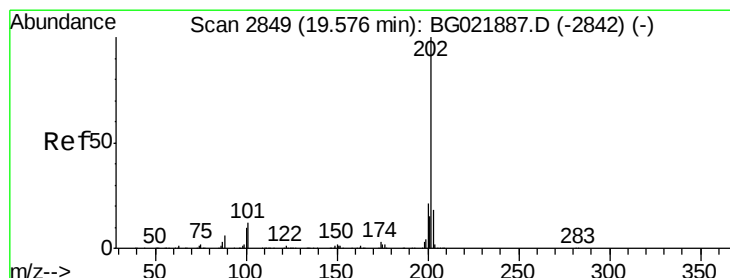
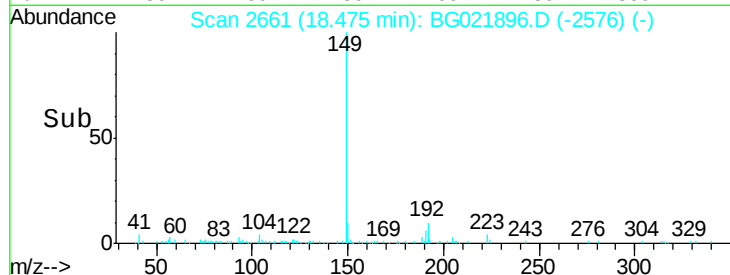
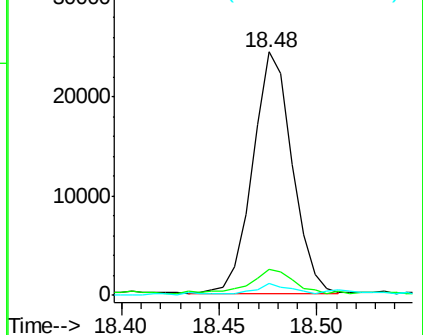
104 4.8 5.4 8.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 9.10 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG021896.D

Acq: 15 May 2016 16:54

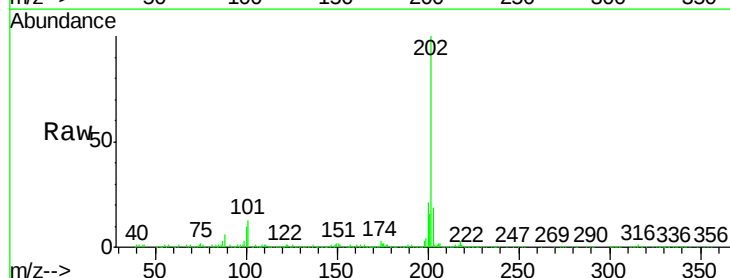
Tgt Ion:202 Resp: 223351

Ion Ratio Lower Upper

202 100

101 13.0 8.9 13.3

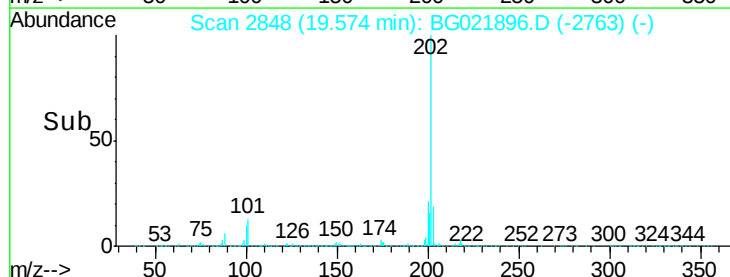
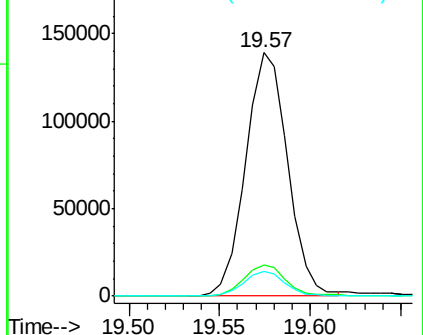
100 10.3 7.0 10.4

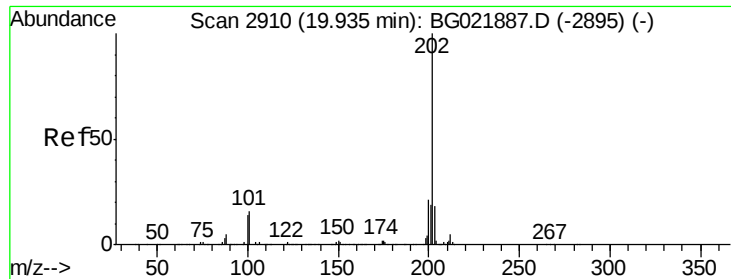


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

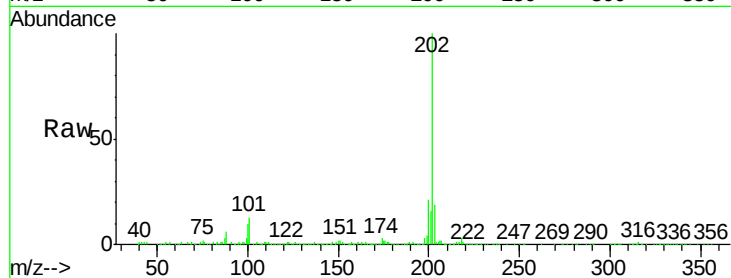




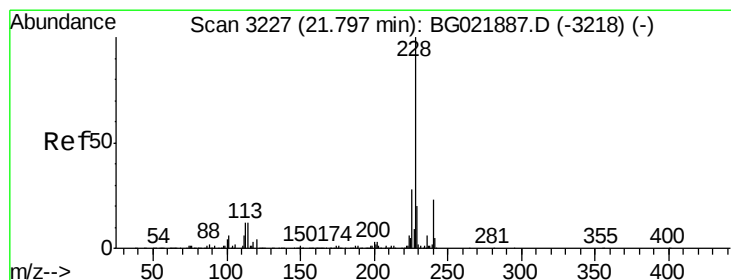
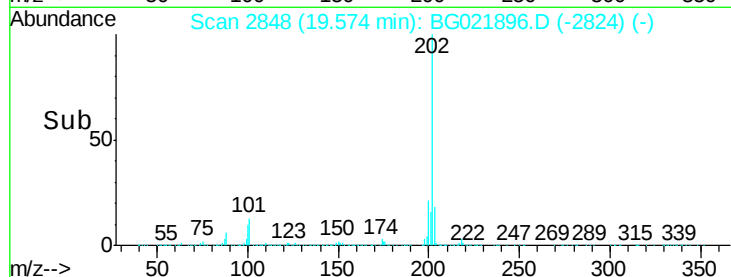
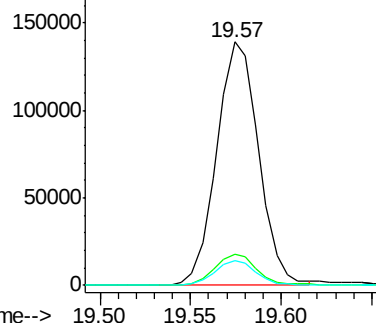
#78
Pvrene
Concen: 9.97 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.36 min
Lab File: BG021896.D
Acq: 15 May 2016 16:54

Instrument :
BNA_G
ClientSampleId :
D9XG3

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
100	10.3	9.3	13.9

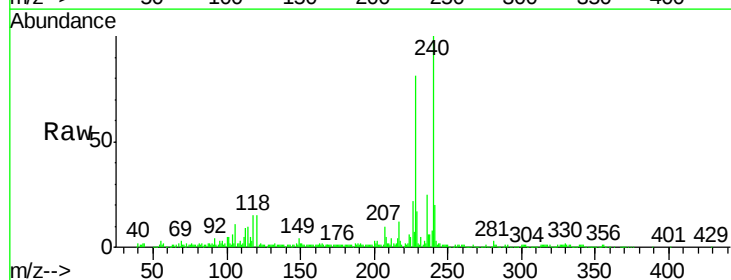


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

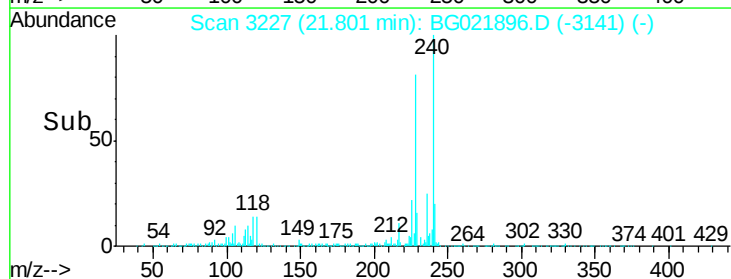
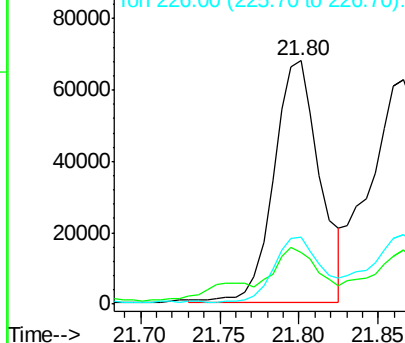


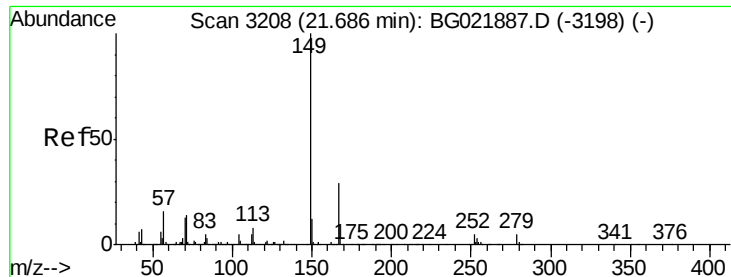
#81
Benzo(a)anthracene
Concen: 6.35 ng/ul
RT: 21.80 min Scan# 3227
Delta R.T. 0.00 min
Lab File: BG021896.D
Acq: 15 May 2016 16:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.6	25.0
226	27.5	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: 10.37 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG021896.D

Acq: 15 May 2016 16:54

Instrument :

BNA_G

ClientSampleId :

D9XG3

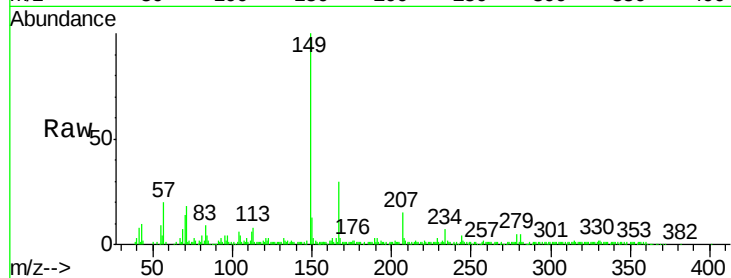
Tot Ion:149 Resp: 83836

Ion Ratio Lower Upper

149 100

167 29.6 20.5 30.7

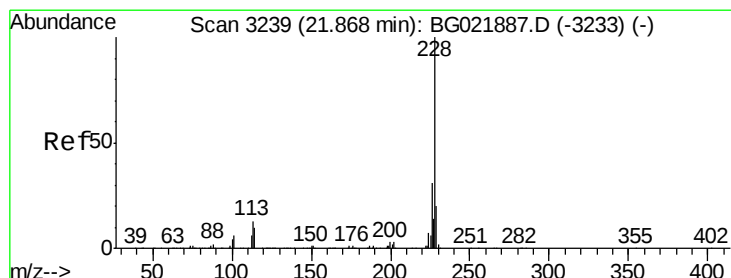
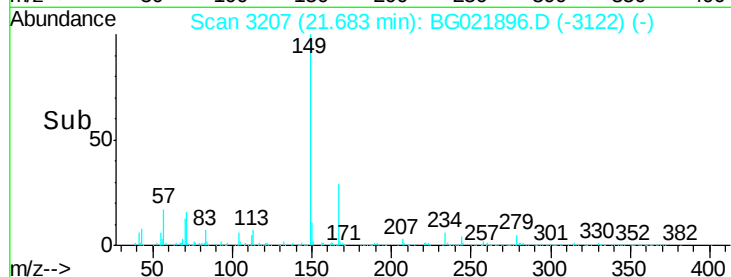
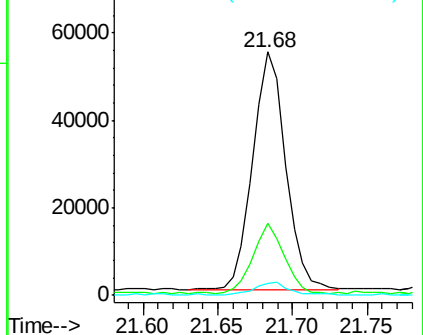
279 5.1 3.7 5.5



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: 7.09 ng/ul

RT: 21.87 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG021896.D

Acq: 15 May 2016 16:54

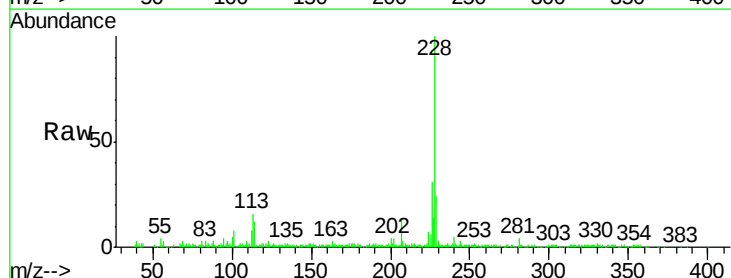
Tgt Ion:228 Resp: 151149

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

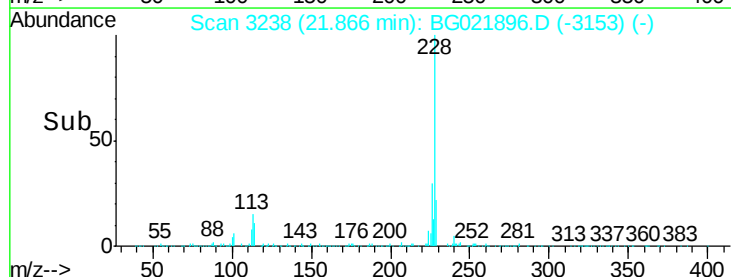
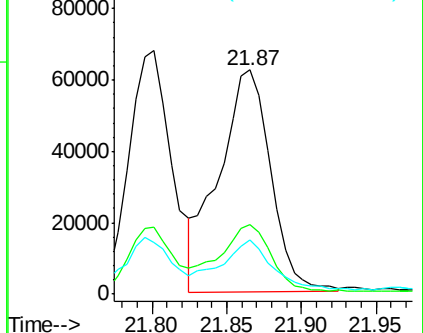
229 24.0 16.2 24.2

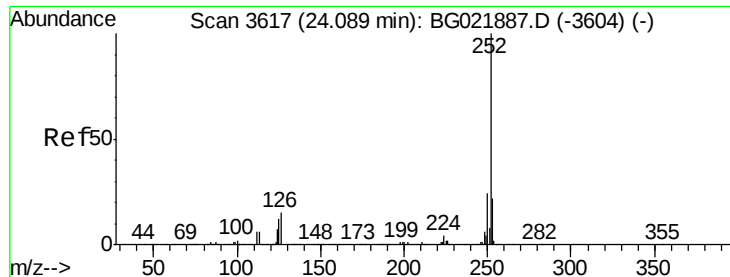


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

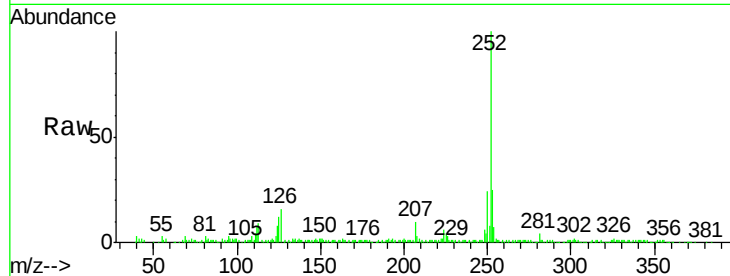




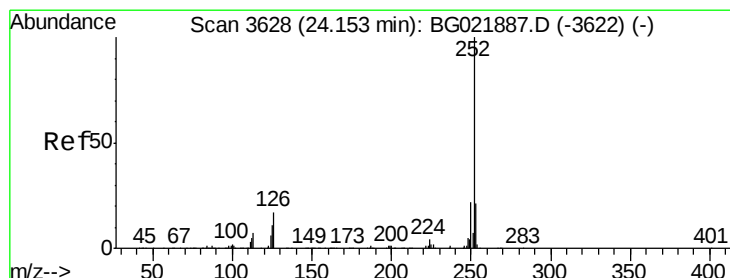
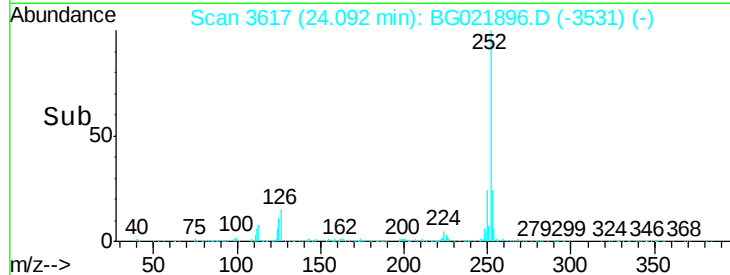
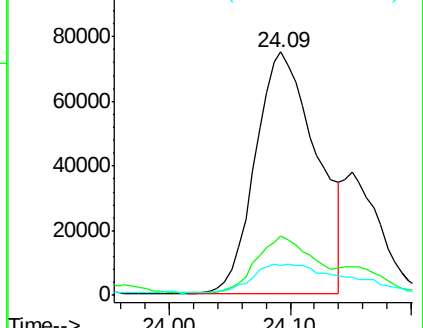
#86
Benzo(b)fluoranthene
Concen: 11.87 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. 0.00 min
Lab File: BG021896.D
Acq: 15 May 2016 16:54

Instrument :
BNA_G
ClientSampleId :
D9XG3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	12.4	7.6	11.4

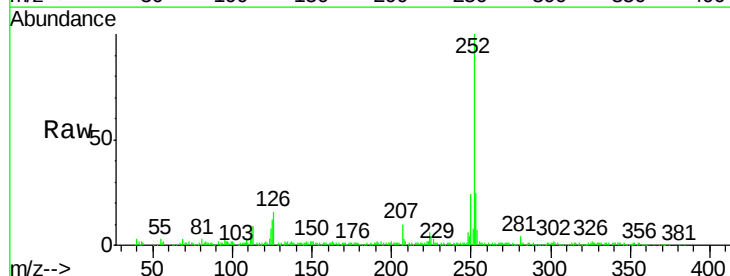


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

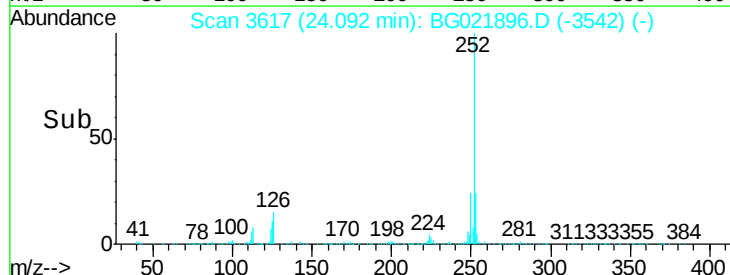
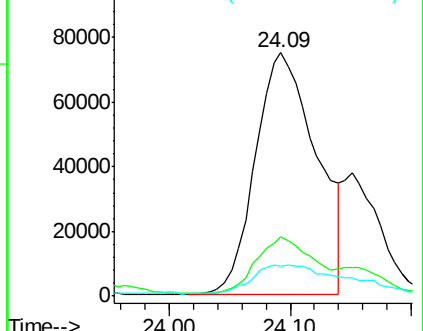


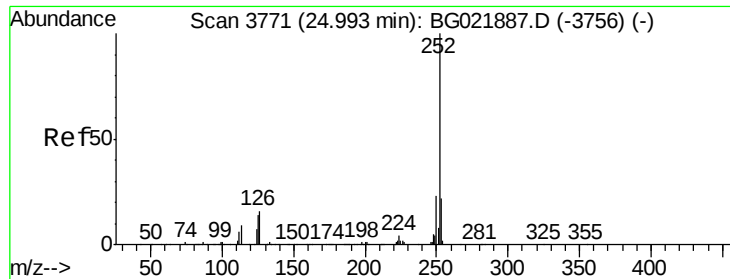
#87
Benzo(k)fluoranthene
Concen: 11.09 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. -0.06 min
Lab File: BG021896.D
Acq: 15 May 2016 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	12.4	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

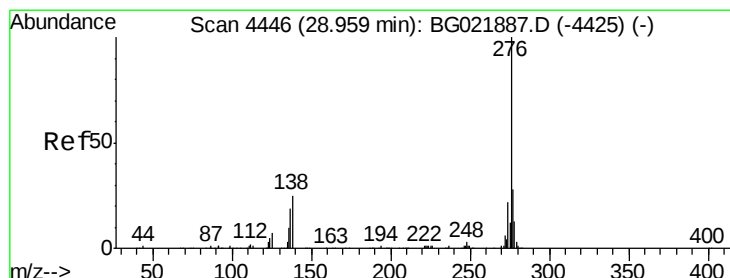
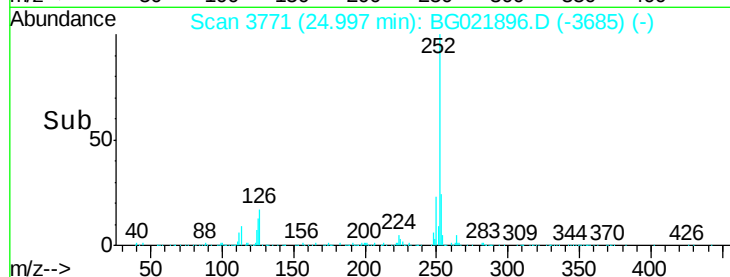
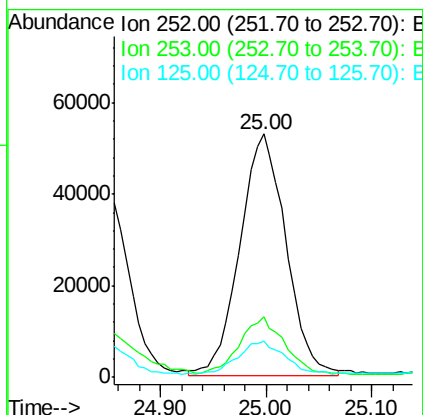
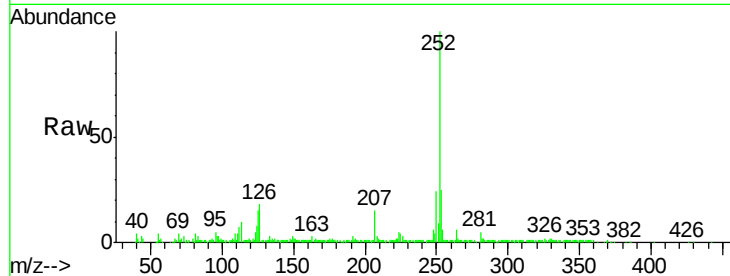




#89
Benzo(a)pyrene
Concen: 7.22 ng/ul
RT: 25.00 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BG021896.D
Acq: 15 May 2016 16:54

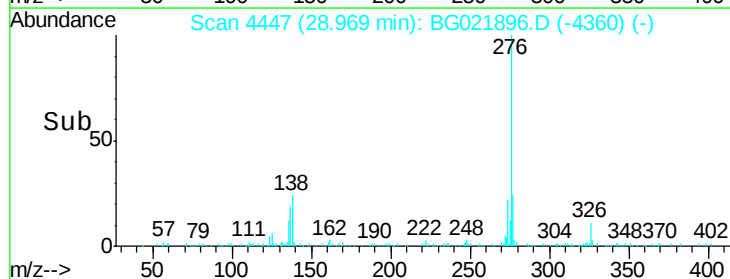
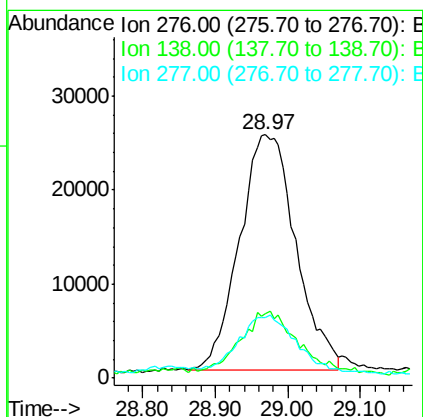
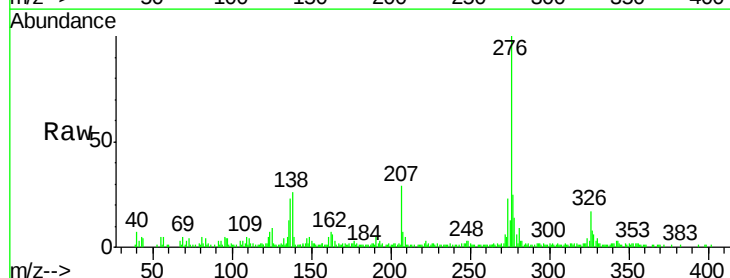
Instrument :
BNA_G
ClientSampleId :
D9XG3

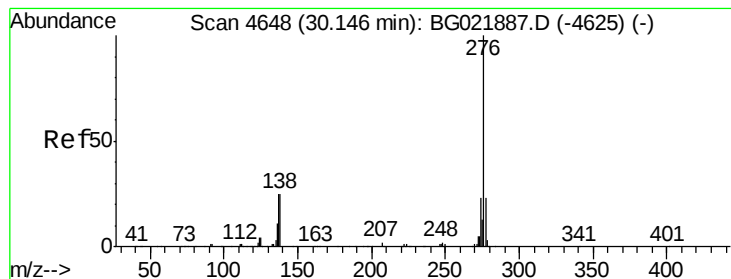
Tot Ion:252 Resp: 159107
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 14.9 8.2 12.2#



#90
Indeno(1,2,3-cd)pyrene
Concen: 5.18 ng/ul
RT: 28.97 min Scan# 4447
Delta R.T. 0.01 min
Lab File: BG021896.D
Acq: 15 May 2016 16:54

Tgt Ion:276 Resp: 135257
Ion Ratio Lower Upper
276 100
138 26.4 15.8 23.6#
277 24.7 19.0 28.6





#92

Benzo(a,h,i)perylene

Concen: 5.91 ng/ul

RT: 30.18 min Scan# 4653

Delta R.T. 0.03 min

Lab File: BG021896.D

Acq: 15 May 2016 16:54

Instrument :

BNA_G

ClientSampleId :

D9XG3

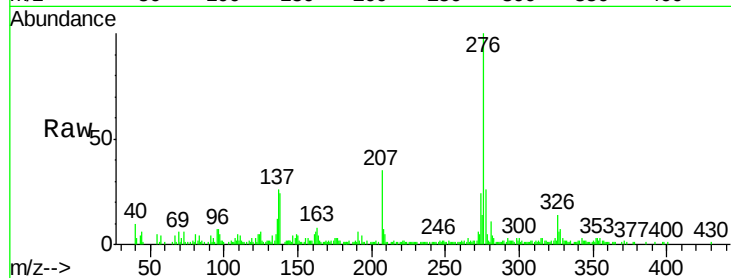
Tot Ion: 276 Resp: 127546

Ion Ratio Lower Upper

276 100

138 23.7 13.9 20.9#

277 26.1 19.8 29.6



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

