

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
 Data File : BG017778.D
 Acq On : 6 Jul 2015 20:44
 Operator : TP/UM
 Sample : G2860-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 07 02:20:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 01:50:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	184027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	918486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	585690	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	1138459	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1188747	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	1268312	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	7259	1.56	ng/uL	0.00
5) Phenol-d5	6.78	99	156737	10.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	93388	10.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	126254	9.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	122220	9.62	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	64122	9.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	67594	9.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	121778	9.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	89124	5.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	341331	8.80	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	463575	8.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	59930	7.71	ng/ul	0.00
57) Fluorene-d10	15.26	176	347042	8.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	32896	6.23	ng/ul	0.00
70) Anthracene-d10	17.11	188	474341	9.14	ng/ul	0.00
78) Pyrene-d10	19.41	212	505111	8.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	499335	8.94	ng/ul	0.02

Target Compounds

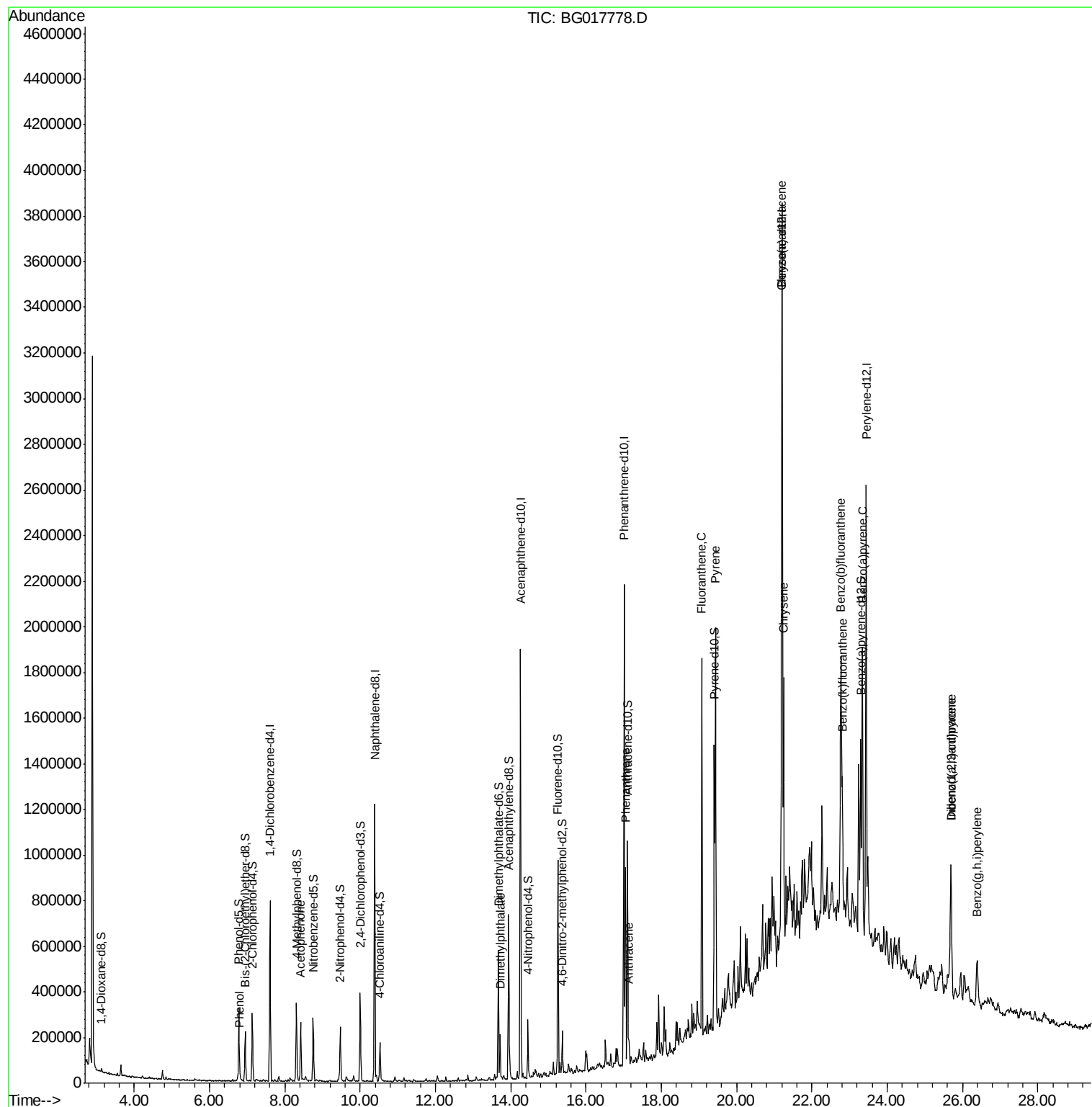
						Qvalue
6) Phenol	6.81	94	17911	1.07	ng/ul	95
14) Acetophenone	8.42	105	120697	6.44	ng/ul	97
44) Dimethylphthalate	13.72	163	107119	2.49	ng/ul	98
69) Phenanthrene	17.05	178	461881	7.42	ng/ul	97
71) Anthracene	17.14	178	88329	1.38	ng/ul	98
76) Fluoranthene	19.07	202	854323	14.25	ng/ul	97
79) Pyrene	19.44	202	952824	13.13	ng/ul	99
82) Benzo(a)anthracene	21.20	228	626908	9.57	ng/ul#	92
84) Chrysene	21.25	228	602647	9.71	ng/ul	95
87) Benzo(b)fluoranthene	22.77	252	903371	12.46	ng/ul#	90
88) Benzo(k)fluoranthene	22.81	252	295898m	4.33	ng/ul	
90) Benzo(a)pyrene	23.35	252	710852	10.32	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.70	276	489287	6.50	ng/ul	95
92) Dibenzo(a,h)anthracene	25.70	278	131131	2.06	ng/ul#	85
93) Benzo(g,h,i)perylene	26.38	276	232821	3.70	ng/ul	99

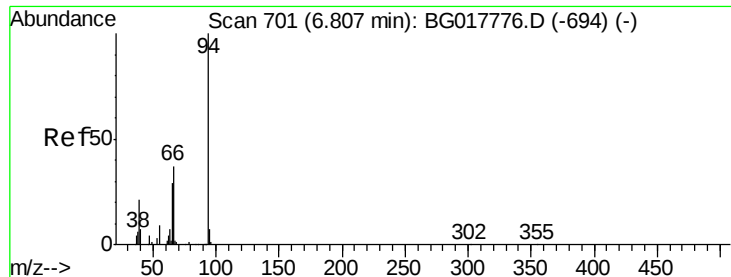
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
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BNA_G
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Quant Time: Jul 07 02:20:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.07 ng/ul

RT: 6.81 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG017778.D

Acq: 6 Jul 2015 20:44

Instrument :

BNA_G

ClientSampleId :

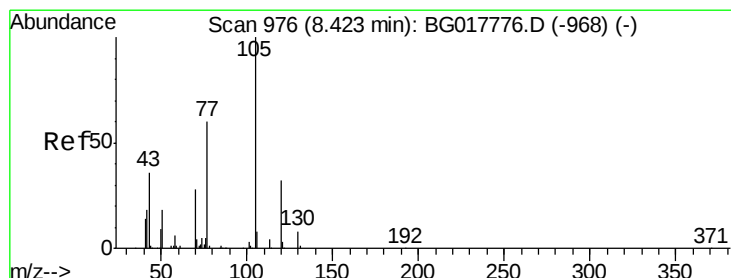
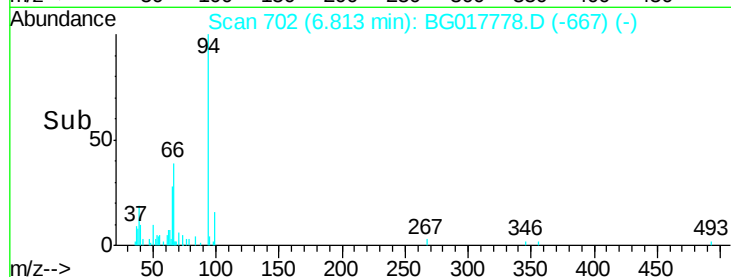
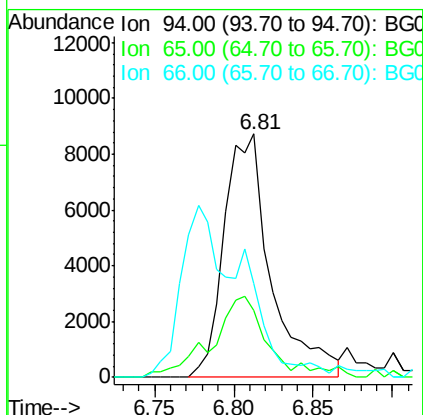
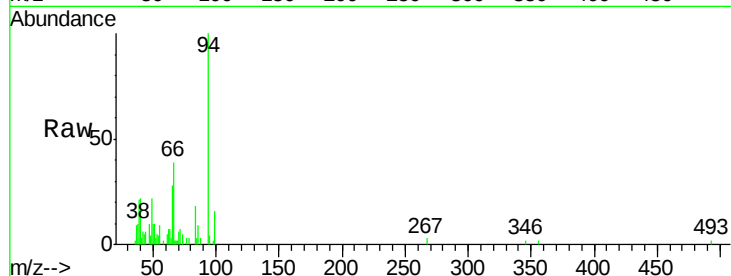
Tgt Ion: 94 Resp: 17911

Ion Ratio Lower Upper

94 100

65 27.8 24.2 36.4

66 38.6 33.4 50.2



#14

Acetophenone

Concen: 6.44 ng/ul

RT: 8.42 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG017778.D

Acq: 6 Jul 2015 20:44

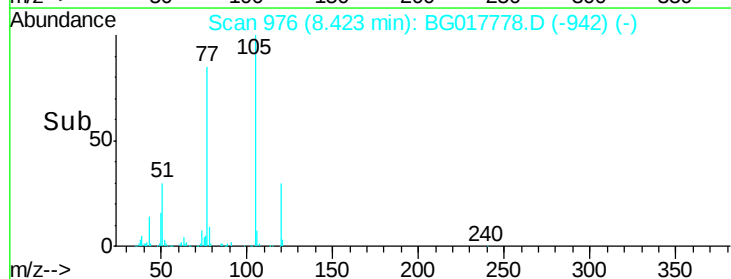
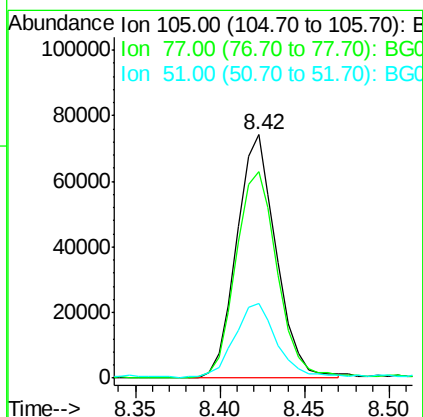
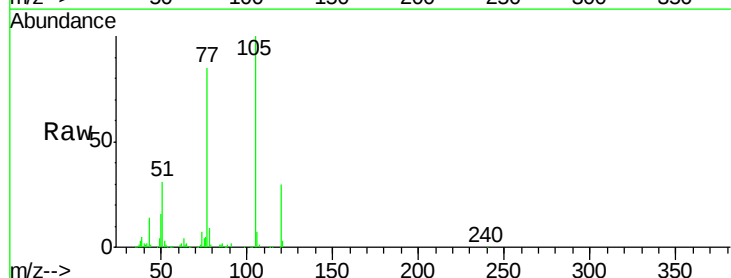
Tgt Ion: 105 Resp: 120697

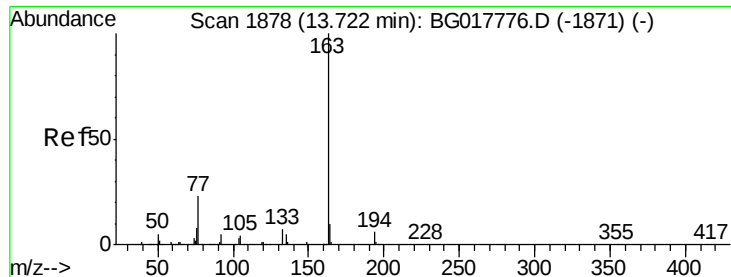
Ion Ratio Lower Upper

105 100

77 84.8 69.5 104.3

51 30.9 26.7 40.1

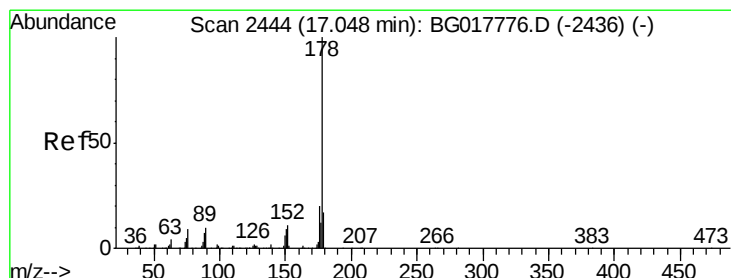
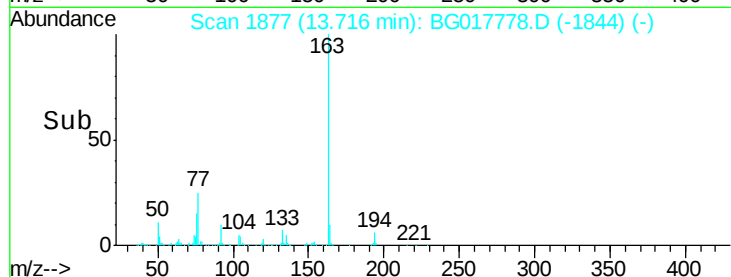
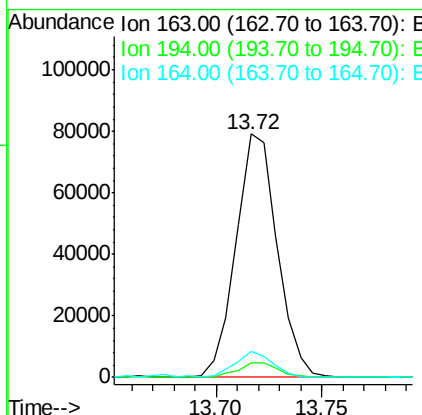
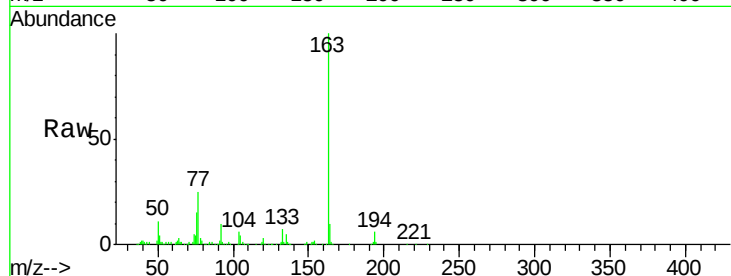




#44
Dimethylphthalate
Concen: 2.49 ng/ul
RT: 13.72 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG017778.D
Acq: 6 Jul 2015 20:44

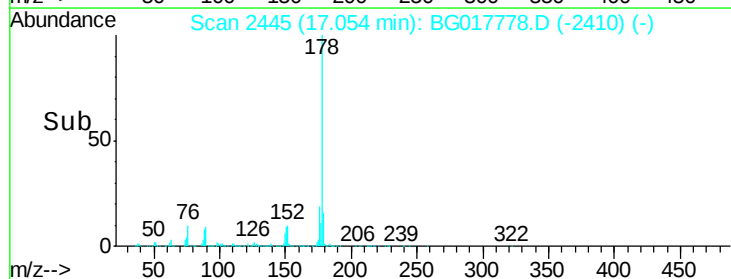
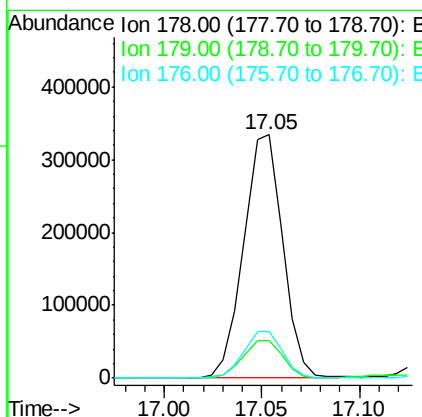
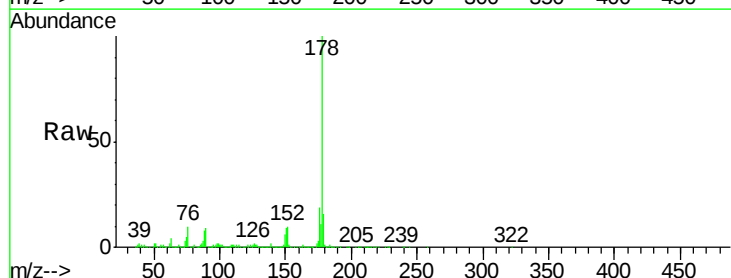
Instrument :
BNA_G
ClientSampleId :

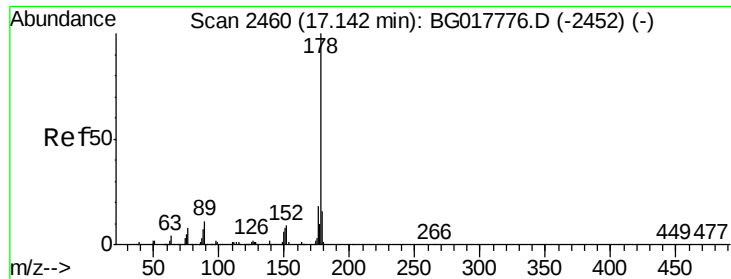
Tgt Ion:163 Resp: 107119
Ion Ratio Lower Upper
163 100
194 6.2 5.4 8.0
164 10.5 7.7 11.5



#69
Phenanthrene
Concen: 7.42 ng/ul
RT: 17.05 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BG017778.D
Acq: 6 Jul 2015 20:44

Tgt Ion:178 Resp: 461881
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.2 17.0 25.4

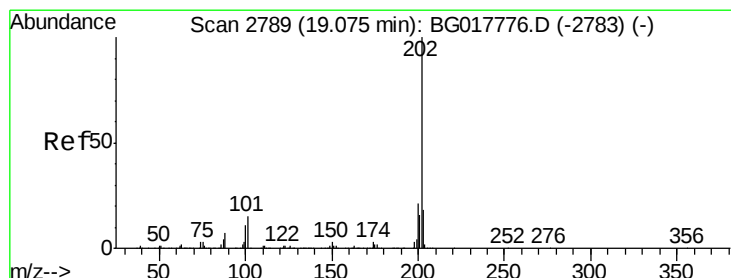
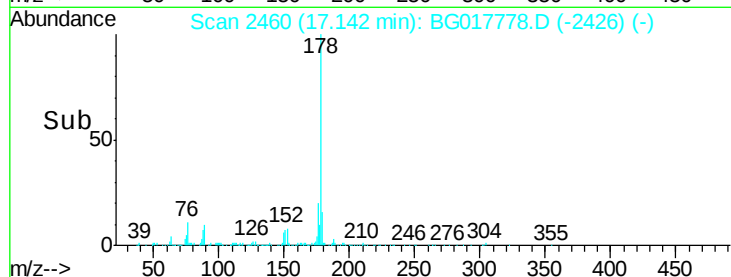
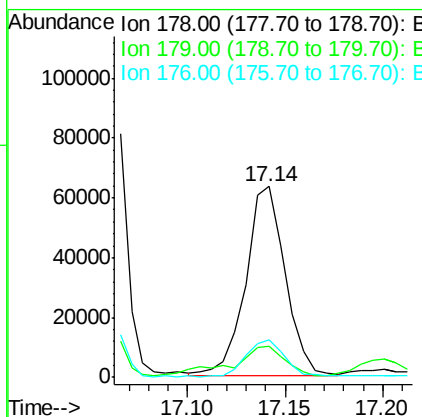
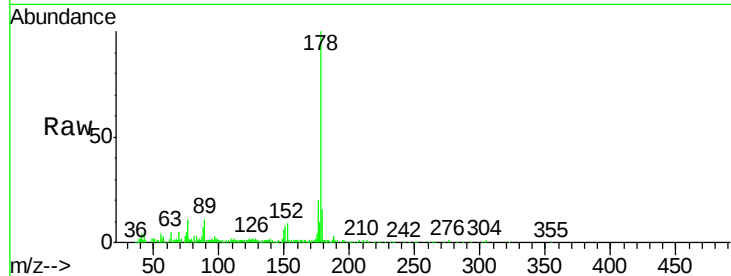




#71
 Anthracene
 Concen: 1.38 ng/ul
 RT: 17.14 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BG017778.D
 Acq: 6 Jul 2015 20:44

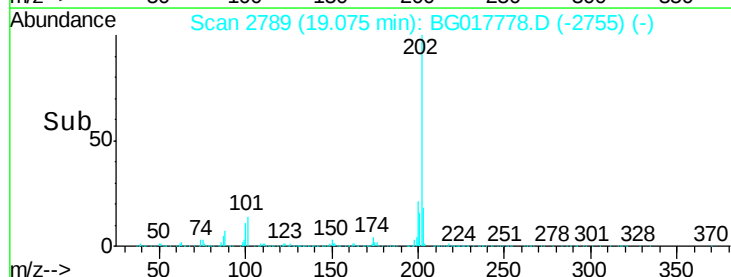
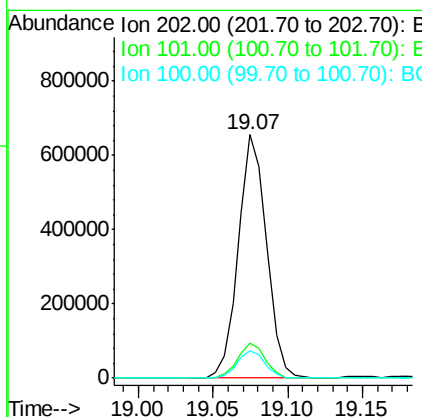
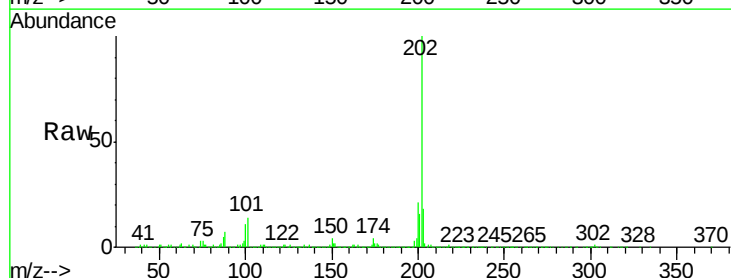
Instrument :
 BNA_G
 ClientSampleId :

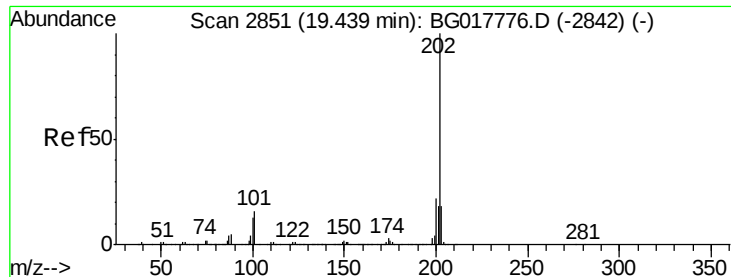
Tgt Ion:178 Resp: 88329
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.4 18.6
 176 19.9 15.3 22.9



#76
 Fluoranthene
 Concen: 14.25 ng/ul
 RT: 19.07 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BG017778.D
 Acq: 6 Jul 2015 20:44

Tgt Ion:202 Resp: 854323
 Ion Ratio Lower Upper
 202 100
 101 14.2 12.6 18.8
 100 11.0 9.1 13.7

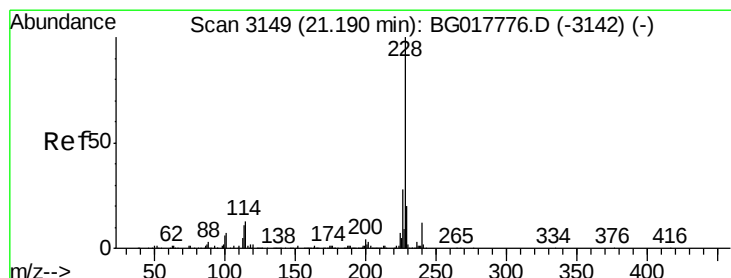
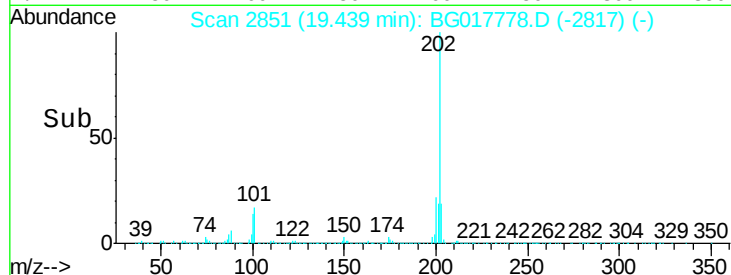
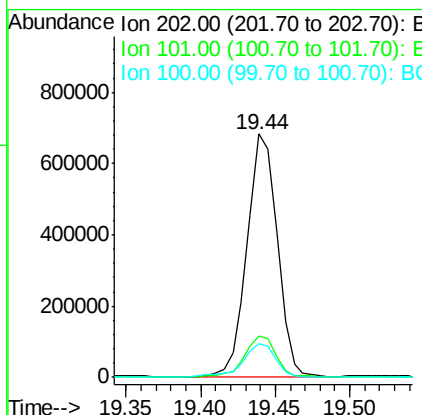
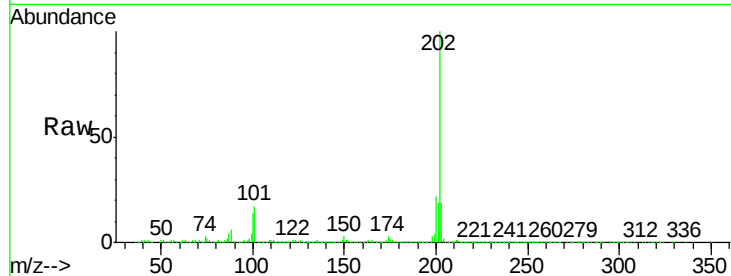




#79
 Pyrene
 Concen: 13.13 ng/ul
 RT: 19.44 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BG017778.D
 Acq: 6 Jul 2015 20:44

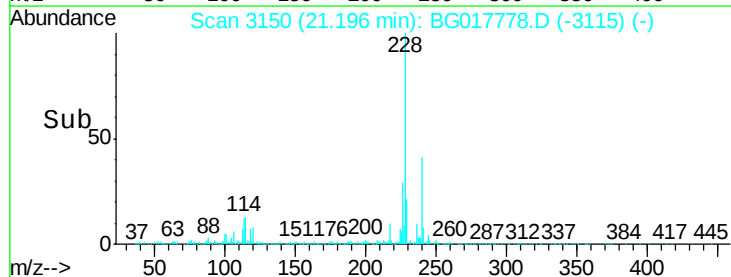
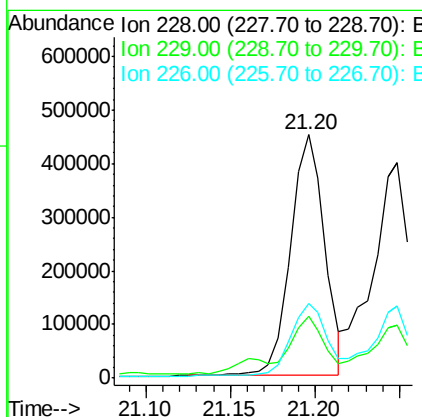
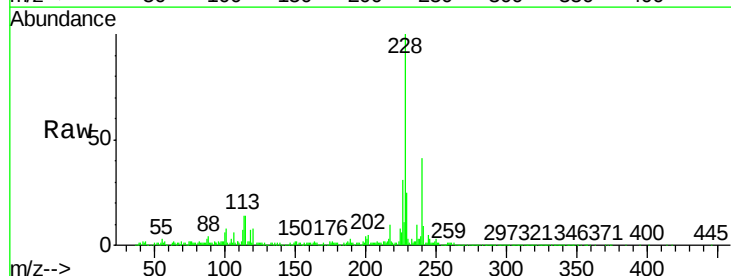
Instrument :
 BNA_G
 ClientSampleId :

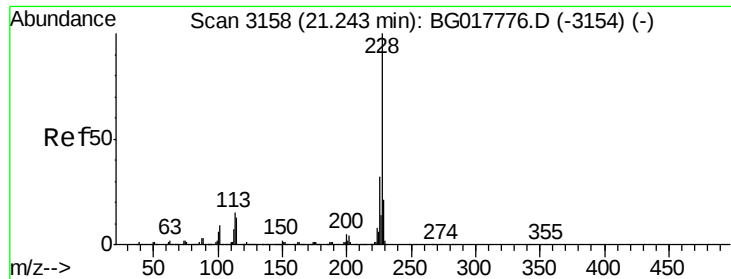
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.2	13.1	19.7
100	13.7	11.3	16.9



#82
 Benzo(a)anthracene
 Concen: 9.57 ng/ul
 RT: 21.20 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BG017778.D
 Acq: 6 Jul 2015 20:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.3	15.8	23.8#
226	30.7	22.2	33.2





#84

Chrysene

Concen: 9.71 ng/ul

RT: 21.25 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG017778.D

Acq: 6 Jul 2015 20:44

Instrument :

BNA_G

ClientSampleId :

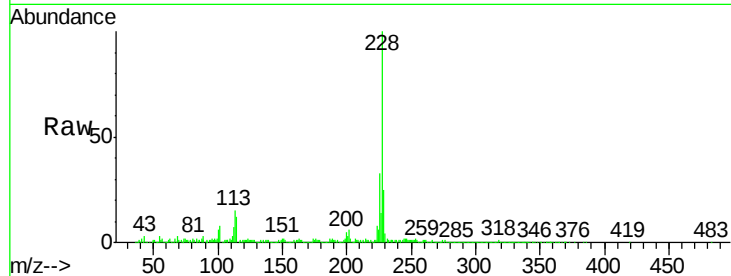
Tgt Ion:228 Resp: 602647

Ion Ratio Lower Upper

228 100

226 33.4 25.6 38.4

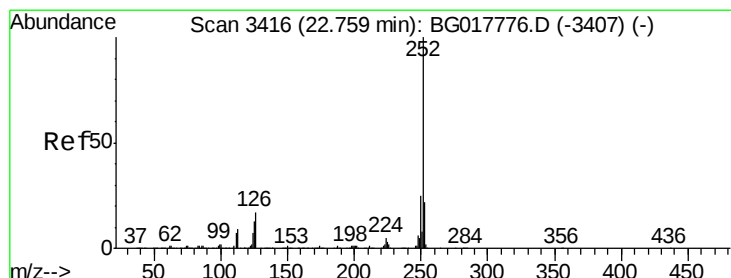
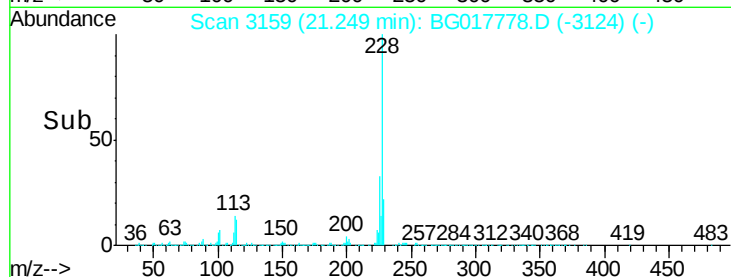
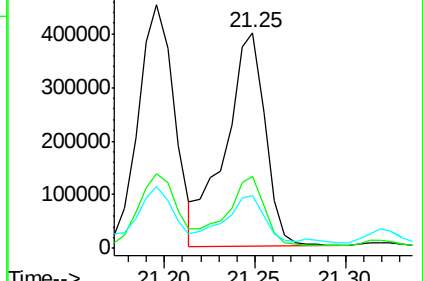
229 24.5 16.4 24.6



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



#87

Benzo(b)fluoranthene

Concen: 12.46 ng/ul

RT: 22.77 min Scan# 3418

Delta R.T. 0.01 min

Lab File: BG017778.D

Acq: 6 Jul 2015 20:44

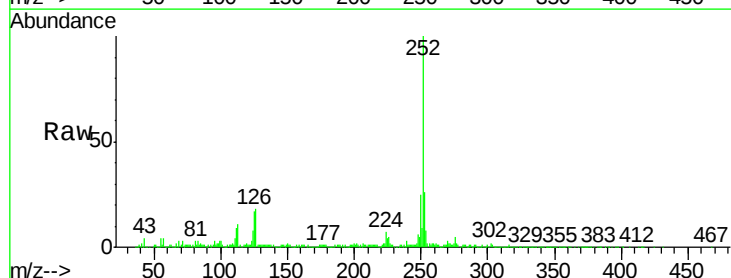
Tgt Ion:252 Resp: 903371

Ion Ratio Lower Upper

252 100

253 26.2 16.8 25.2#

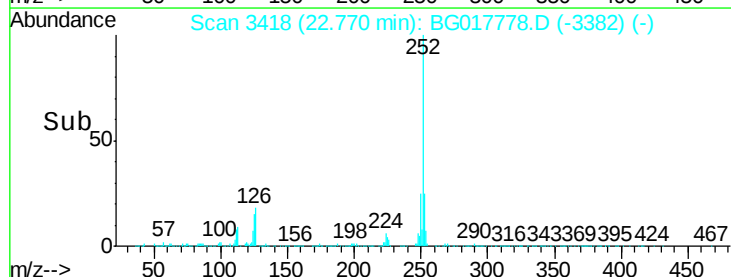
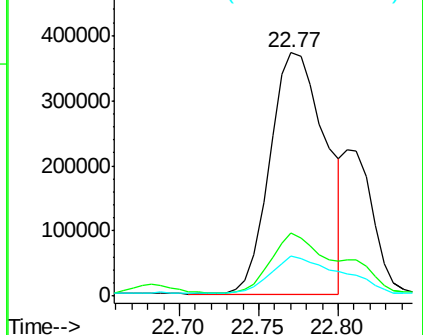
125 16.6 10.4 15.6#

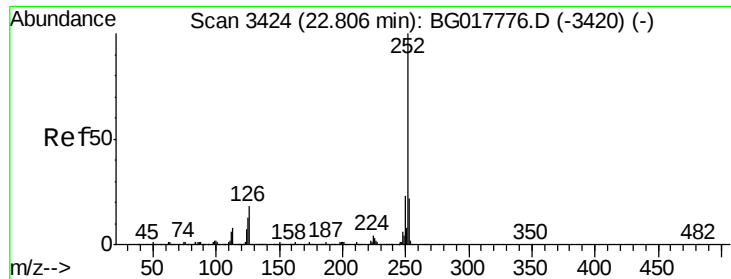


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.33 ng/ul m

RT: 22.81 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BG017778.D

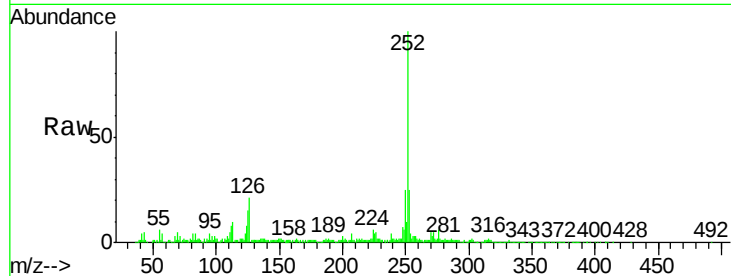
Acq: 6 Jul 2015 20:44

Instrument :

BNA_G

ClientSampleId :

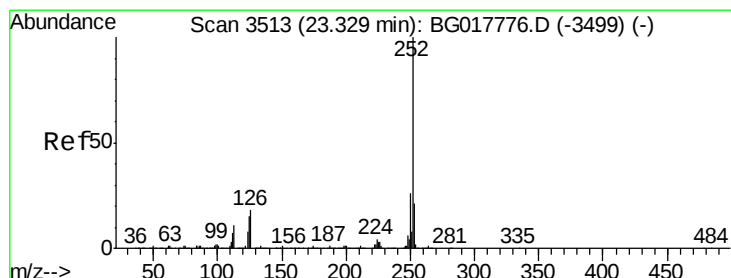
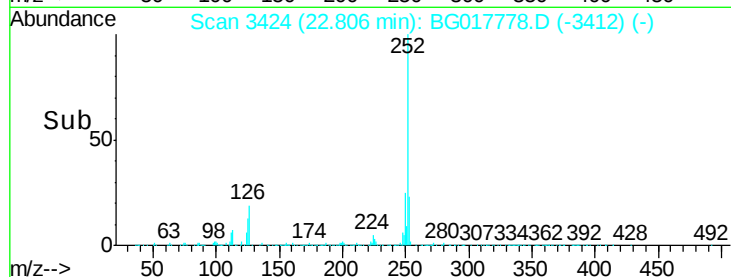
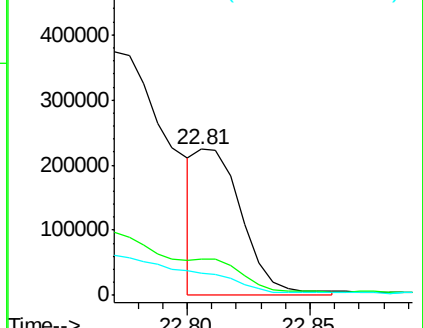
Tgt Ion:	252	Resp:	295898
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.6	26.4
125	15.4	11.6	17.4



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



#90

Benzo(a)pyrene

Concen: 10.32 ng/ul

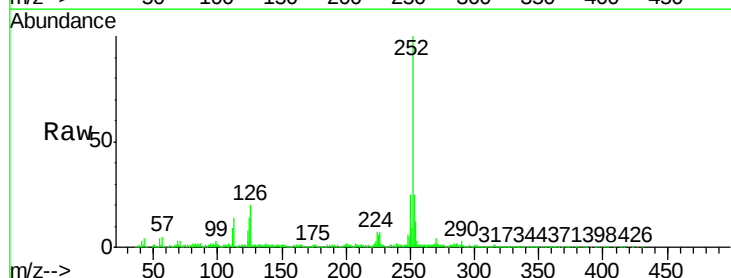
RT: 23.35 min Scan# 3516

Delta R.T. 0.02 min

Lab File: BG017778.D

Acq: 6 Jul 2015 20:44

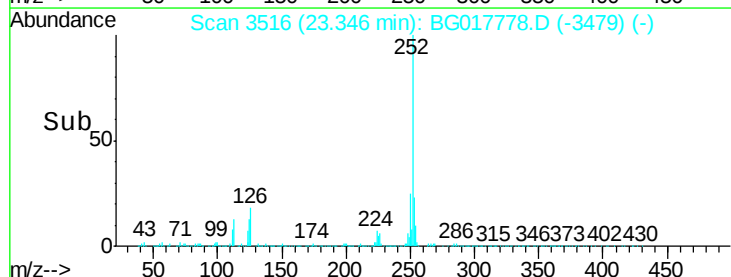
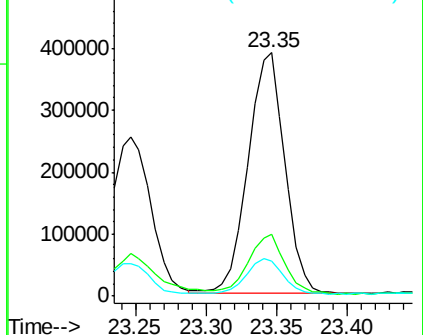
Tgt Ion:	252	Resp:	710852
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.3	27.5
125	14.5	12.1	18.1

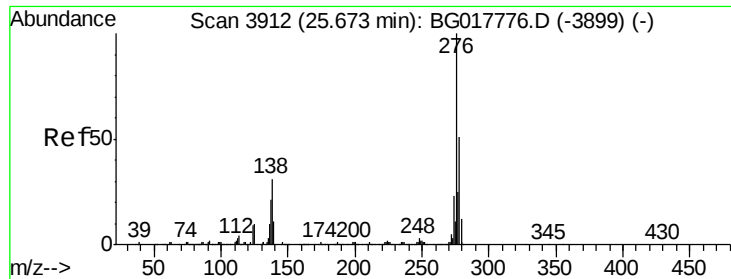


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 6.50 ng/ul

RT: 25.70 min Scan# 3916

Delta R.T. 0.02 min

Lab File: BG017778.D

Acq: 6 Jul 2015 20:44

Instrument :

BNA_G

ClientSampled :

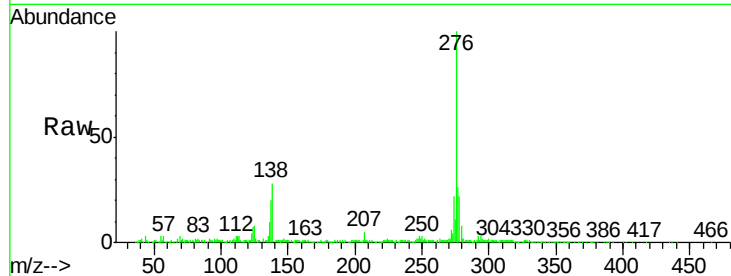
Tgt Ion:276 Resp: 489287

Ion Ratio Lower Upper

276 100

138 27.8 26.1 39.1

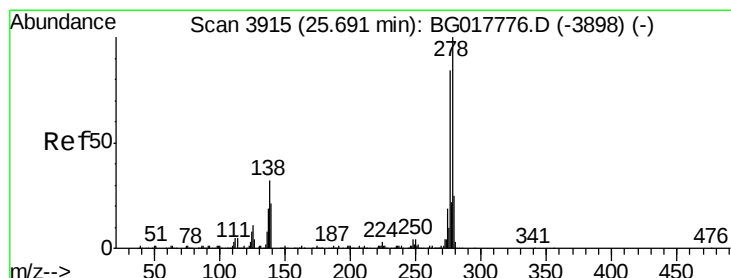
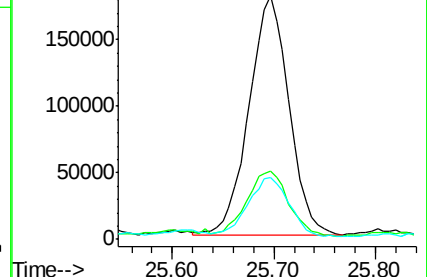
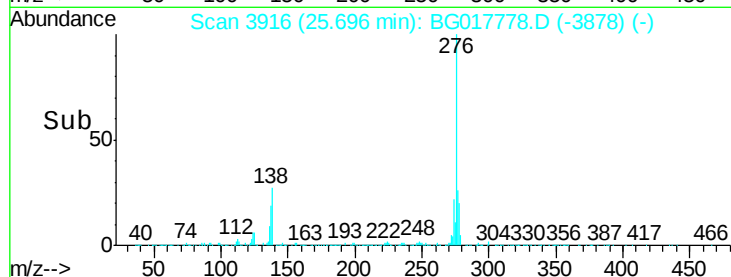
277 25.6 20.9 31.3



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



#92

Dibenzo(a,h)anthracene

Concen: 2.06 ng/ul

RT: 25.70 min Scan# 3917

Delta R.T. 0.01 min

Lab File: BG017778.D

Acq: 6 Jul 2015 20:44

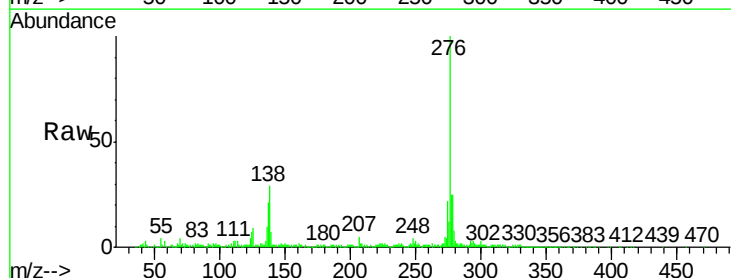
Tgt Ion:278 Resp: 131131

Ion Ratio Lower Upper

278 100

139 27.0 16.3 24.5#

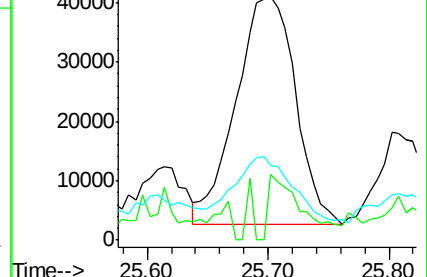
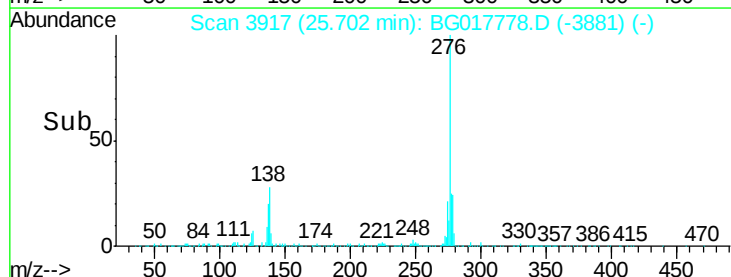
279 30.8 18.7 28.1#

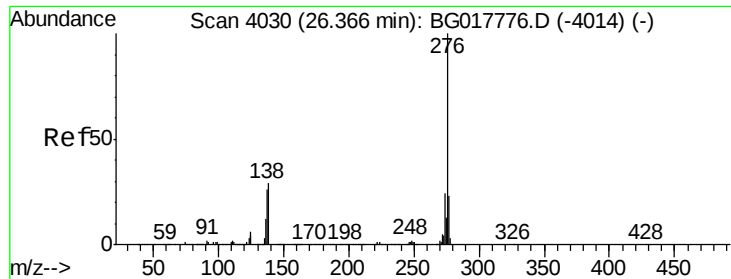


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(g,h,i)perylene

Concen: 3.70 ng/ul

RT: 26.38 min Scan# 4033

Delta R.T. 0.02 min

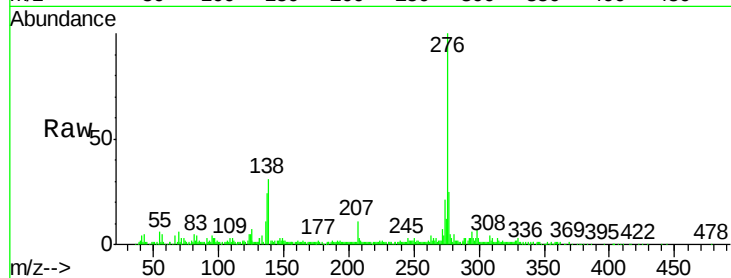
Lab File: BG017778.D

Acq: 6 Jul 2015 20:44

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	276	Resp:	232821
Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.1	37.7
277	24.6	18.7	28.1

