

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
 Data File : BG018345.D
 Acq On : 10 Aug 2015 1:28
 Operator : UM/TP
 Sample : G3136-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J6

Quant Time: Aug 10 02:25:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 02:20:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	140558	20.00	ng/ul	0.01
18) Naphthalene-d8	10.89	136	733330	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	451408	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	910426	20.00	ng/ul	0.02
78) Chrysene-d12	21.72	240	782619	20.00	ng/ul	0.02
86) Perylene-d12	24.98	264	772091	20.00	ng/ul	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.53	96	4936	1.56	ng/uL	0.00
5) Phenol-d5	7.24	99	139598	11.05	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	86147	10.93	ng/ul	0.01
9) 2-Chlorophenol-d4	7.61	132	109563	11.26	ng/ul	0.02
13) 4-Methylphenol-d8	8.78	113	101504	9.54	ng/ul	0.02
19) Nitrobenzene-d5	9.24	128	57245	10.19	ng/ul	0.01
22) 2-Nitrophenol-d4	9.96	143	55318	9.74	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	116312	9.48	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	93018	6.79	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	352760	9.36	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	444872	9.43	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	36243	5.35	ng/ul	0.02
58) Fluorene-d10	15.69	176	296982	9.08	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.80	200	2924	0.66	ng/ul	0.02
71) Anthracene-d10	17.54	188	398198	9.23	ng/ul	0.02
79) Pyrene-d10	19.82	212	388558	9.66	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.75	264	388505	9.54	ng/ul	0.05

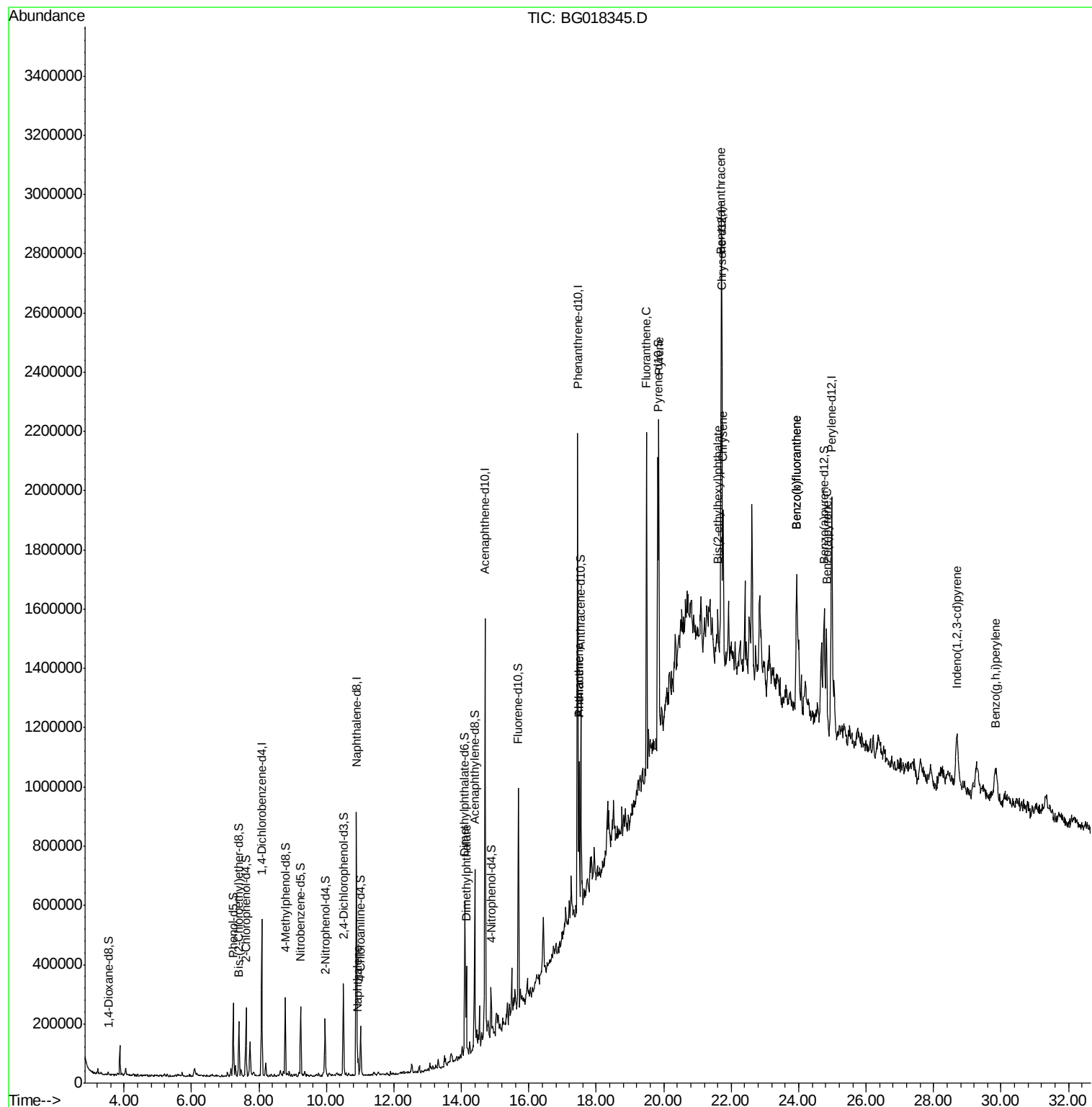
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.93	128	48592	1.27	ng/ul	98
45) Dimethylphthalate	14.15	163	188633	5.08	ng/ul	98
70) Phenanthrene	17.49	178	293117	5.94	ng/ul	98
72) Anthracene	17.49	178	293117	5.83	ng/ul	99
77) Fluoranthene	19.49	202	672106	12.78	ng/ul	97
80) Pyrene	19.85	202	655100	12.53	ng/ul	99
83) Benzo(a)anthracene	21.70	228	347240	7.22	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.61	149	58264	1.85	ng/ul#	90
85) Chrysene	21.76	228	355816	7.90	ng/ul	95
88) Benzo(b)fluoranthene	23.94	252	519222	10.78	ng/ul#	92
89) Benzo(k)fluoranthene	23.94	252	519222	11.14	ng/ul#	89
91) Benzo(a)pyrene	24.82	252	359903	7.86	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.69	276	277565	5.23	ng/ul#	93
94) Benzo(g,h,i)perylene	29.84	276	108106	2.43	ng/ul	96

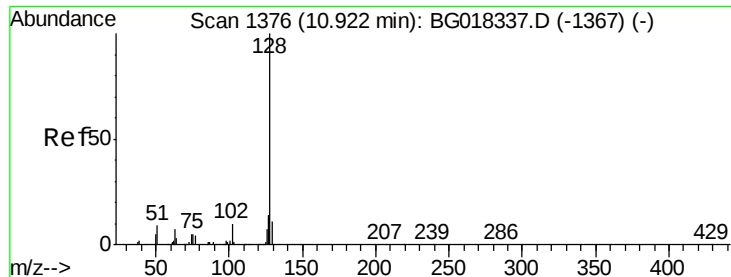
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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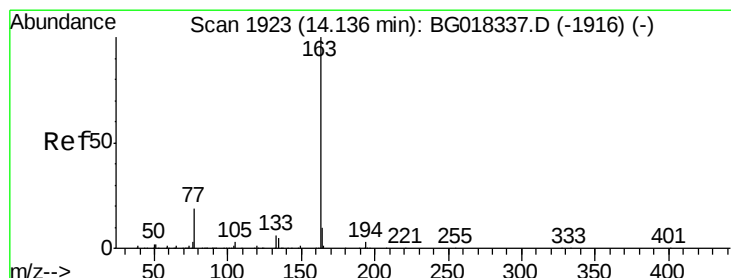
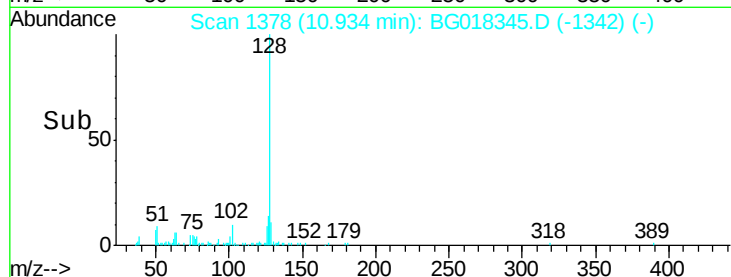
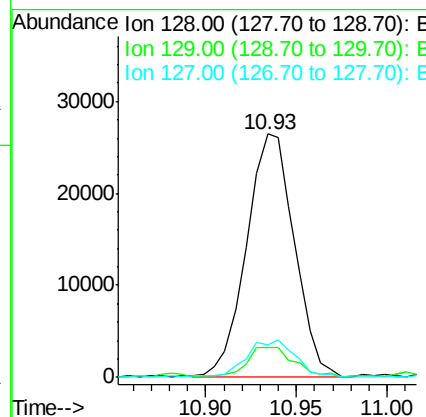
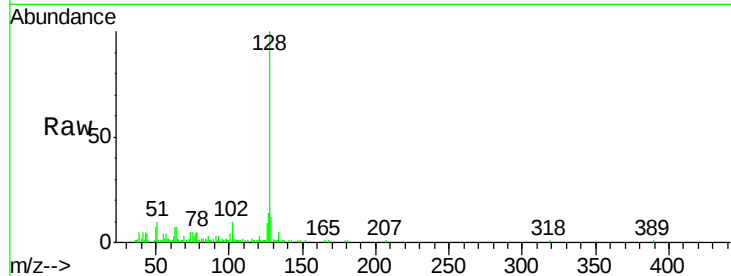




#28
Naphthalene
Concen: 1.27 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BG018345.D
Acq: 10 Aug 2015 1:28

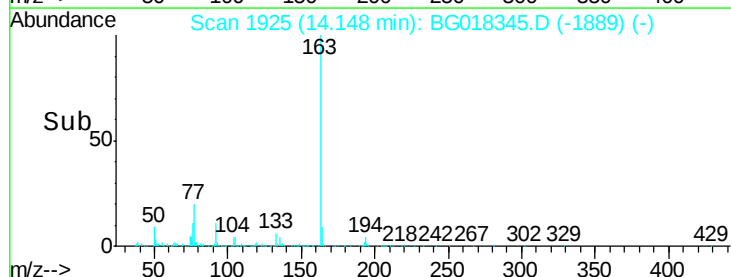
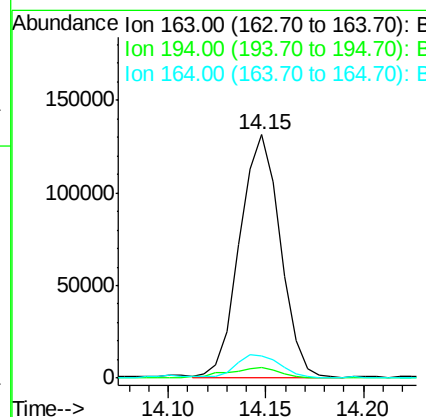
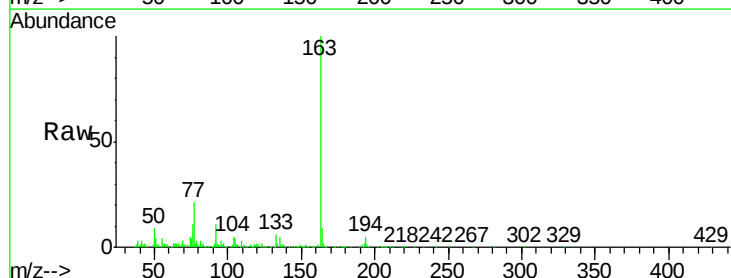
Instrument :
BNA_G
ClientSampleId :
C01J6

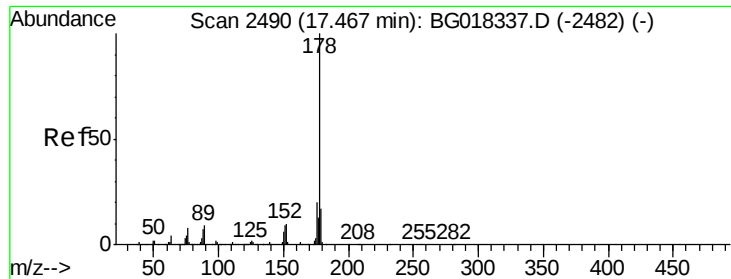
Tgt Ion:128 Resp: 48592
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 13.5 10.8 16.2



#45
Dimethylphthalate
Concen: 5.08 ng/ul
RT: 14.15 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BG018345.D
Acq: 10 Aug 2015 1:28

Tgt Ion:163 Resp: 188633
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 9.2 8.0 12.0





#70

Phenanthrene

Concen: 5.94 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Instrument :

BNA_G

ClientSampleId :

C01J6

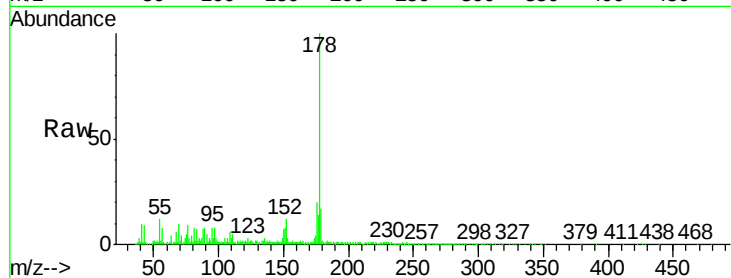
Tgt Ion:178 Resp: 293117

Ion Ratio Lower Upper

178 100

179 17.2 12.4 18.6

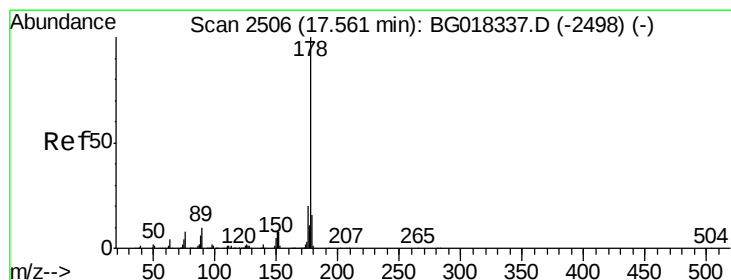
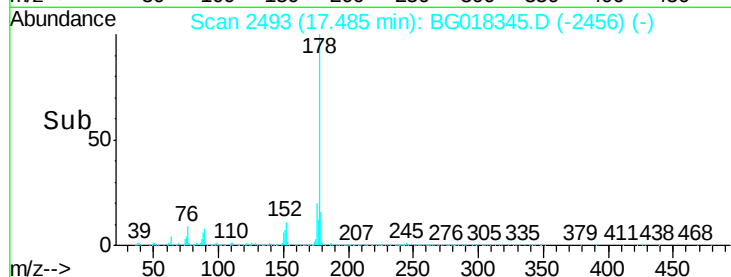
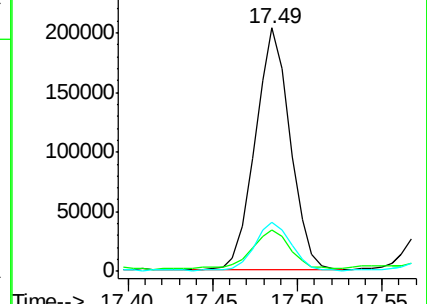
176 20.0 15.9 23.9



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: 5.83 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. -0.08 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

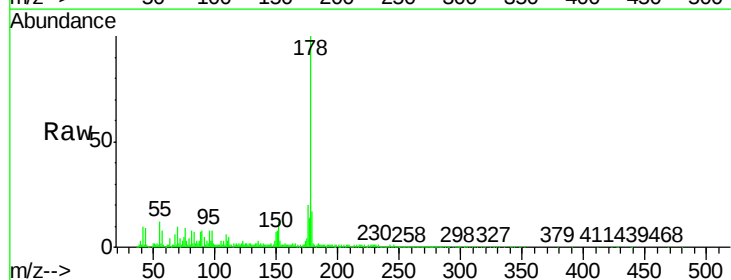
Tgt Ion:178 Resp: 293117

Ion Ratio Lower Upper

178 100

179 17.2 12.8 19.2

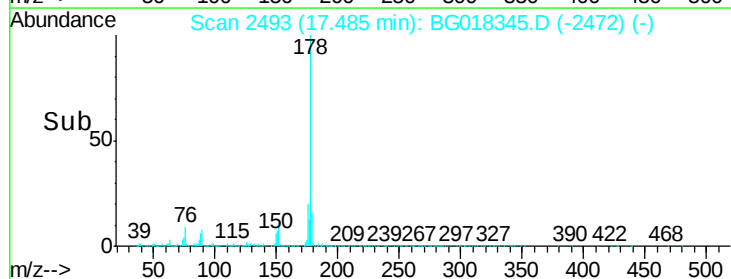
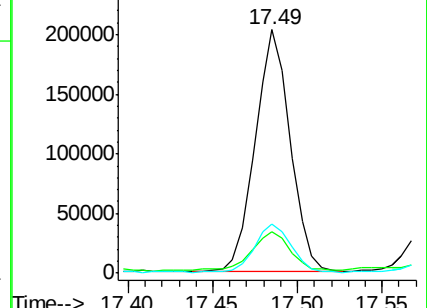
176 20.0 15.9 23.9

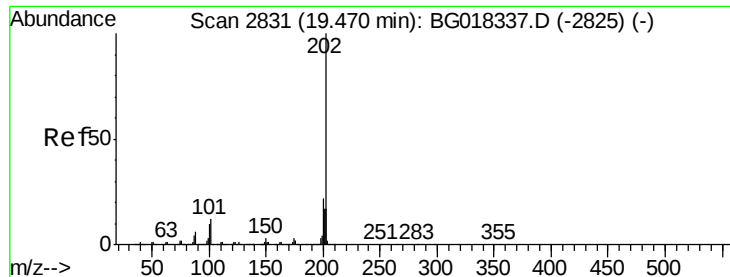


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

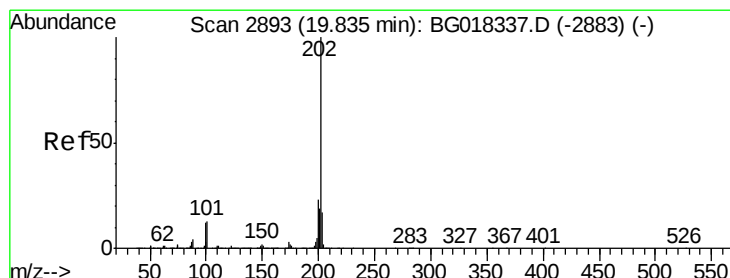
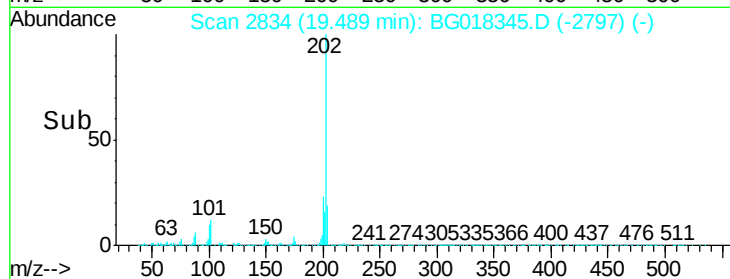
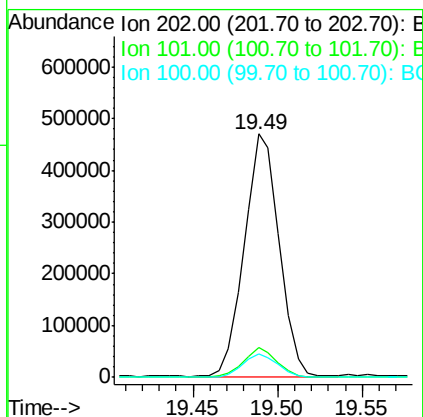
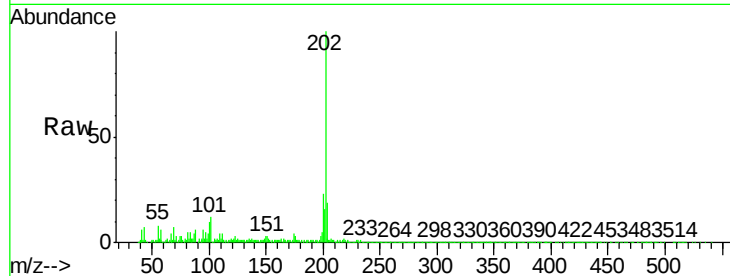




#77
 Fluoranthene
 Concen: 12.78 ng/ul
 RT: 19.49 min Scan# 2834
 Delta R.T. 0.02 min
 Lab File: BG018345.D
 Acq: 10 Aug 2015 1:28

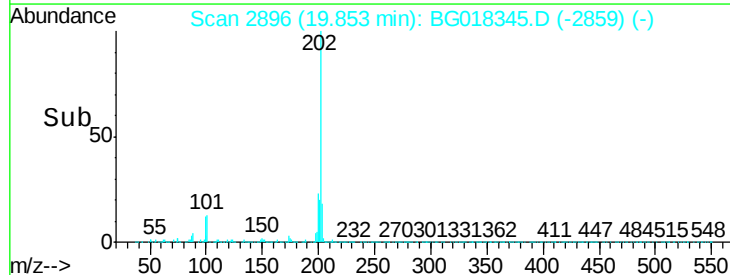
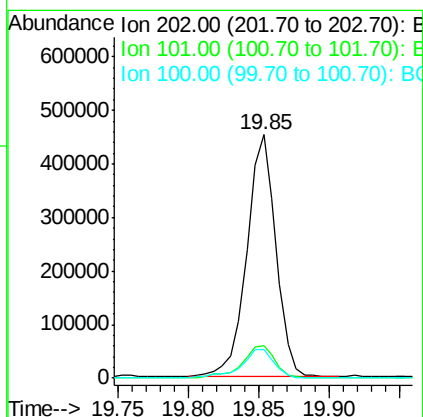
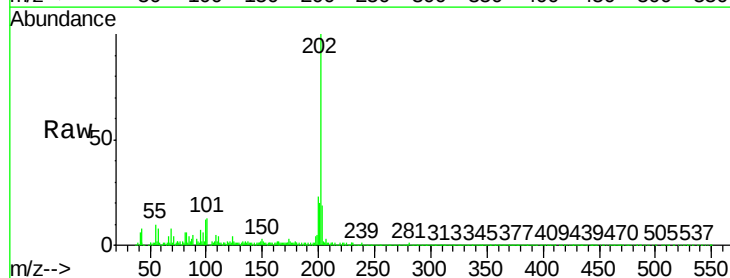
Instrument :
 BNA_G
 ClientSampleId :
 C01J6

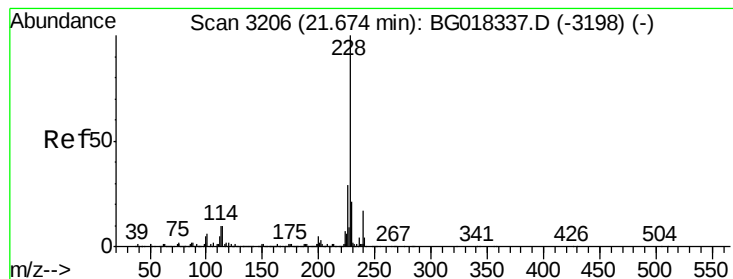
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	9.8	8.5	12.7



#80
 Pyrene
 Concen: 12.53 ng/ul
 RT: 19.85 min Scan# 2896
 Delta R.T. 0.02 min
 Lab File: BG018345.D
 Acq: 10 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.3	16.9
100	11.5	9.6	14.4





#83

Benzo(a)anthracene

Concen: 7.22 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.02 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Instrument :

BNA_G

ClientSampleId :

C01J6

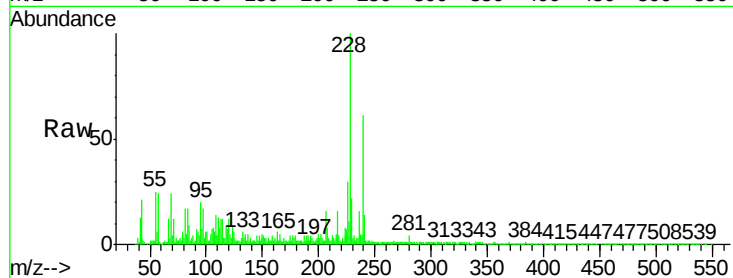
Tgt Ion:228 Resp: 347240

Ion Ratio Lower Upper

228 100

229 22.4 15.4 23.2

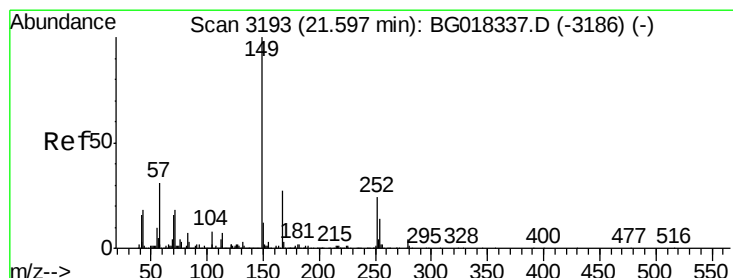
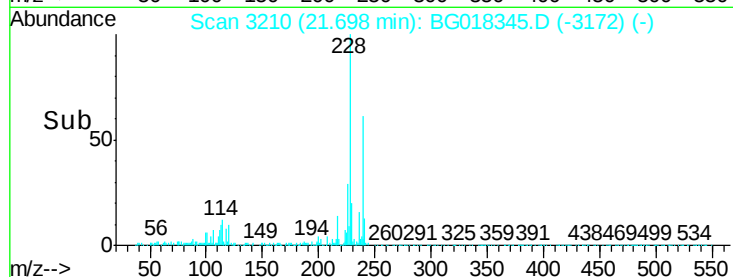
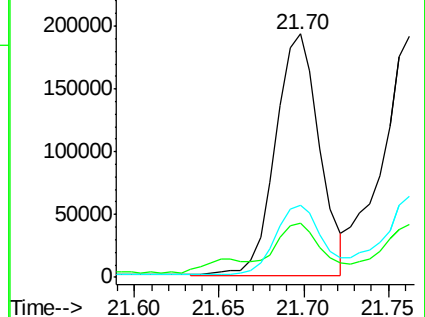
226 29.8 22.3 33.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.85 ng/ul

RT: 21.61 min Scan# 3195

Delta R.T. 0.01 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

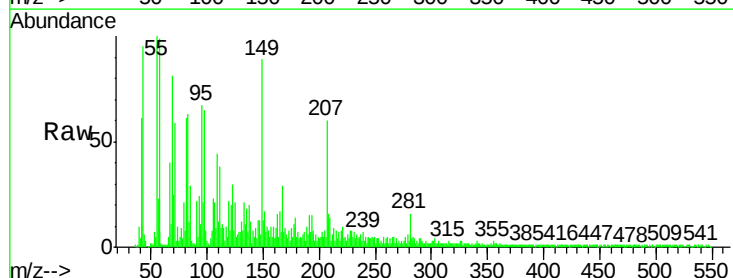
Tgt Ion:149 Resp: 58264

Ion Ratio Lower Upper

149 100

167 32.2 21.8 32.6

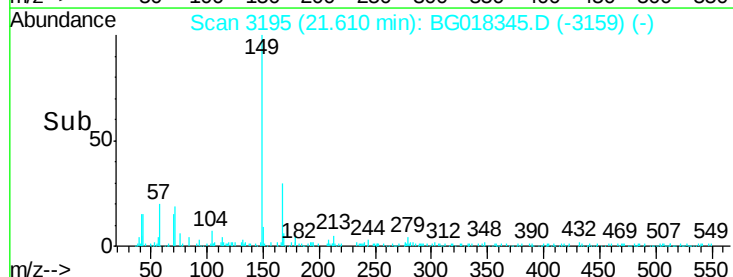
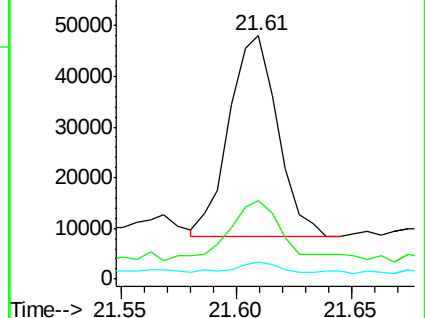
279 6.8 2.8 4.2#

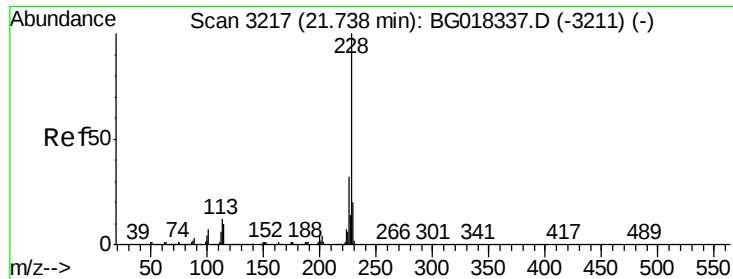


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

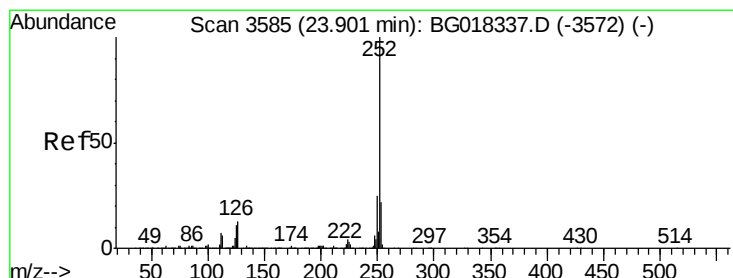
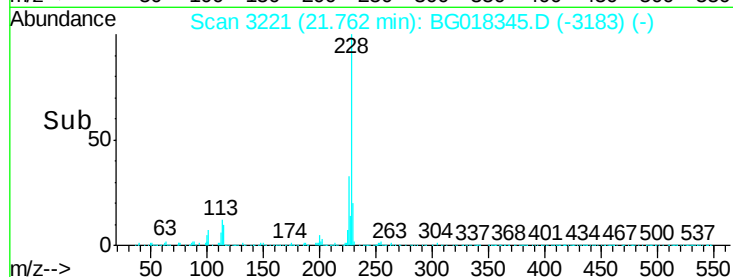
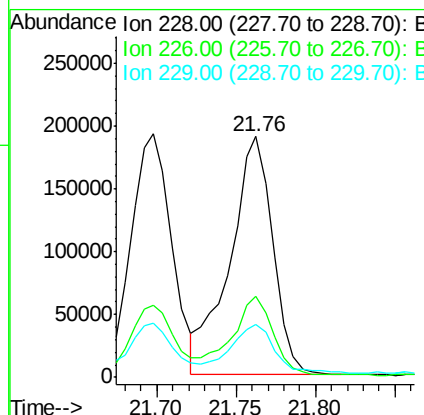
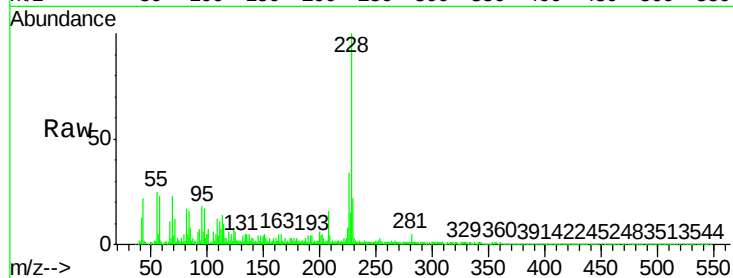




#85
Chrysene
Concen: 7.90 ng/ul
RT: 21.76 min Scan# 3221
Delta R.T. 0.02 min
Lab File: BG018345.D
Acq: 10 Aug 2015 1:28

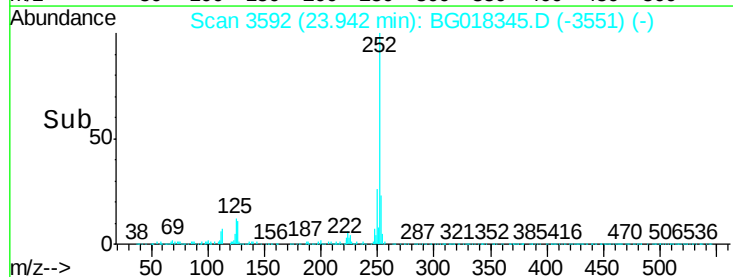
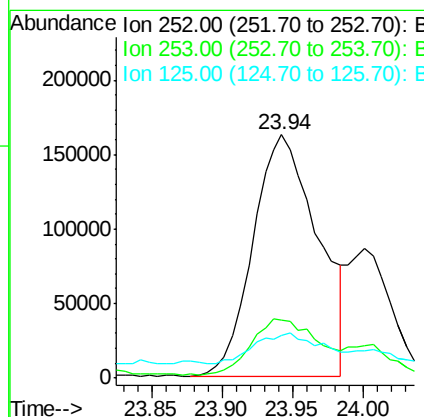
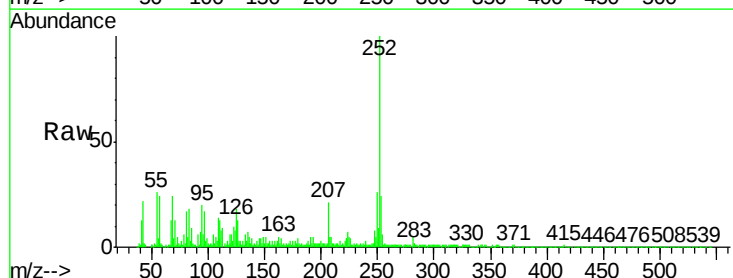
Instrument :
BNA_G
ClientSampled :
C01J6

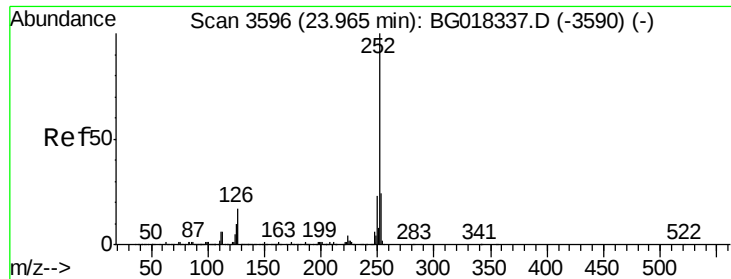
Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.6	37.0
229	21.8	16.0	24.0



#88
Benzo(b)fluoranthene
Concen: 10.78 ng/ul
RT: 23.94 min Scan# 3592
Delta R.T. 0.04 min
Lab File: BG018345.D
Acq: 10 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	17.6	8.6	12.8#





#89

Benzo(k)fluoranthene

Concen: 11.14 ng/ul

RT: 23.94 min Scan# 3592

Delta R.T. -0.02 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Instrument :

BNA_G

ClientSampleId :

C01J6

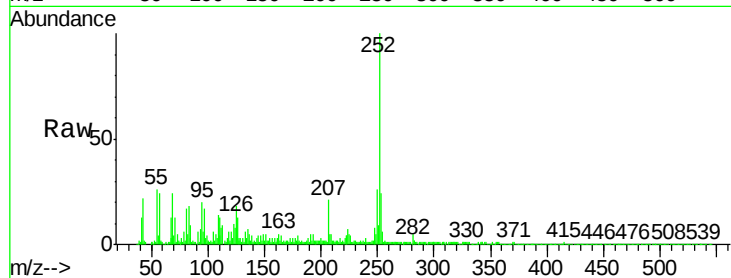
Tgt Ion:252 Resp: 519222

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.4

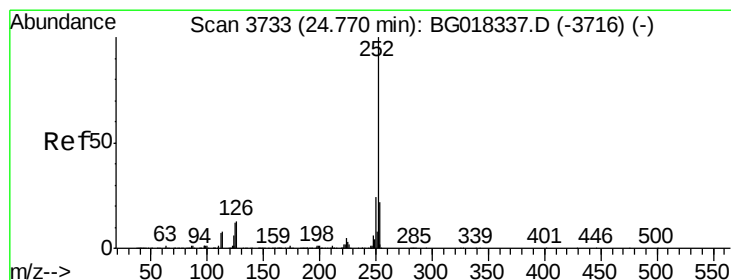
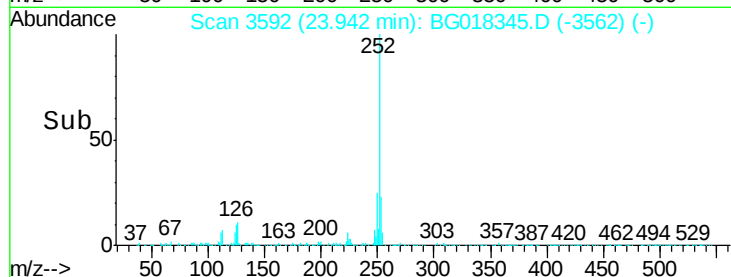
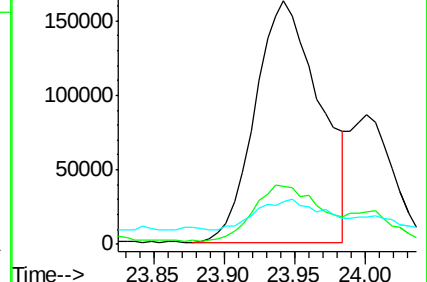
125 17.6 7.7 11.5#



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



#91

Benzo(a)pyrene

Concen: 7.86 ng/ul

RT: 24.82 min Scan# 3741

Delta R.T. 0.05 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

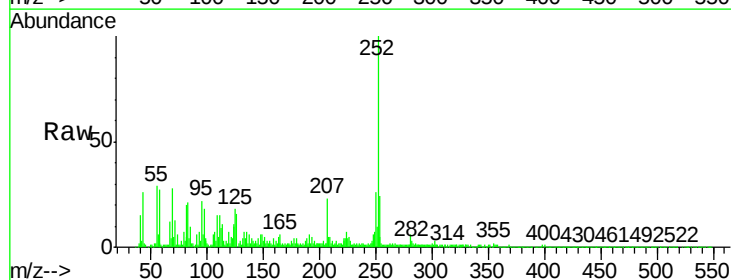
Tgt Ion:252 Resp: 359903

Ion Ratio Lower Upper

252 100

253 24.1 18.6 27.8

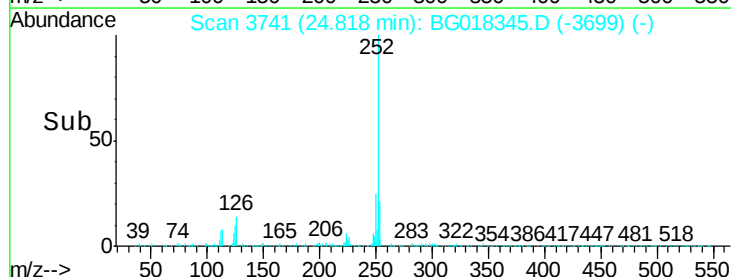
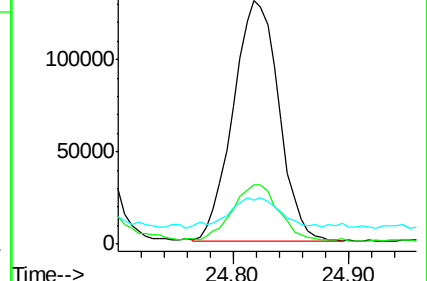
125 18.3 9.8 14.6#

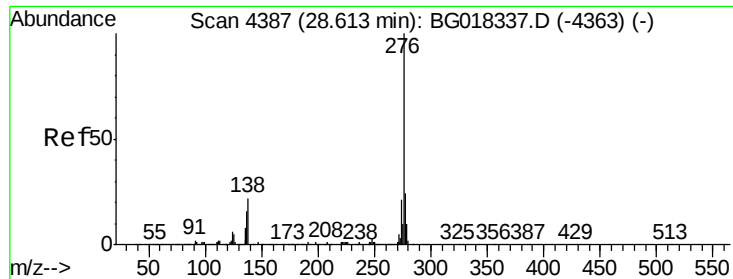


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

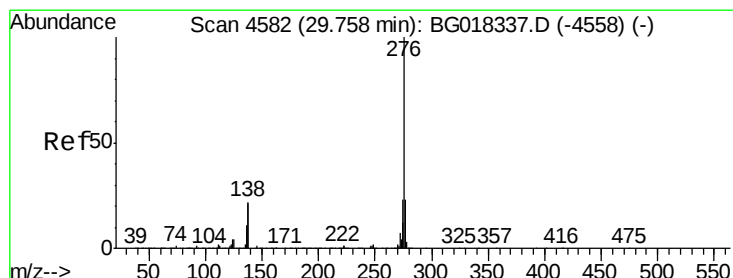
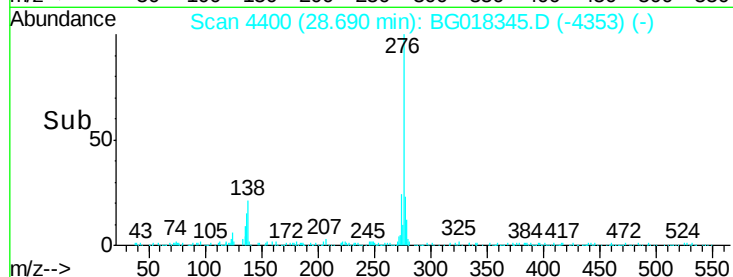
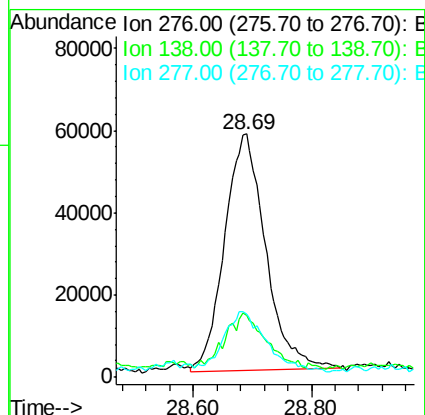
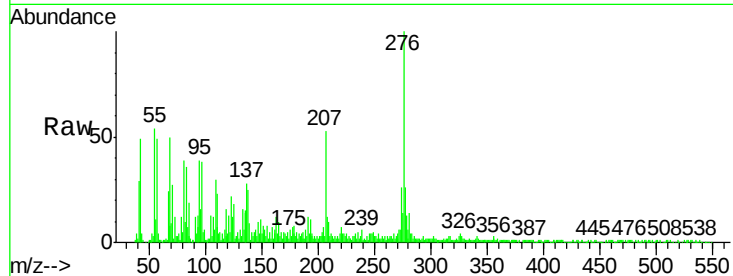




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.23 ng/ul
 RT: 28.69 min Scan# 4400
 Delta R.T. 0.08 min
 Lab File: BG018345.D
 Acq: 10 Aug 2015 1:28

Instrument :
 BNA_G
 ClientSampleId :
 C01J6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.9	23.9#
277	25.8	19.0	28.6



#94
 Benzo(g,h,i)perylene
 Concen: 2.43 ng/ul
 RT: 29.84 min Scan# 4596
 Delta R.T. 0.08 min
 Lab File: BG018345.D
 Acq: 10 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.4	26.0
277	22.4	18.4	27.6

