

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
 Data File : BG018340.D
 Acq On : 9 Aug 2015 22:18
 Operator : UM/TP
 Sample : G3136-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01T5

Quant Time: Aug 10 02:22:03 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	8.07	152	144706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	683857	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	413240	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.43	188	816097	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	679344	20.00	ng/ul	0.02
86) Perylene-d12	24.97	264	672705	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5213	1.60	ng/uL	0.00
5) Phenol-d5	7.22	99	124036	9.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	84993	10.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	101970	10.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	55770	5.09	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	54005	10.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	58338	11.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	100454	8.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	45645	3.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	331610	9.61	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	365772	8.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	27947	4.51	ng/ul	0.00
58) Fluorene-d10	15.68	176	236333	7.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	19293	4.84	ng/ul	0.00
71) Anthracene-d10	17.43	188	816097	21.09	ng/ul	-0.09
79) Pyrene-d10	19.82	212	291499	8.34	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.74	264	283625	7.99	ng/ul	0.03

Target Compounds

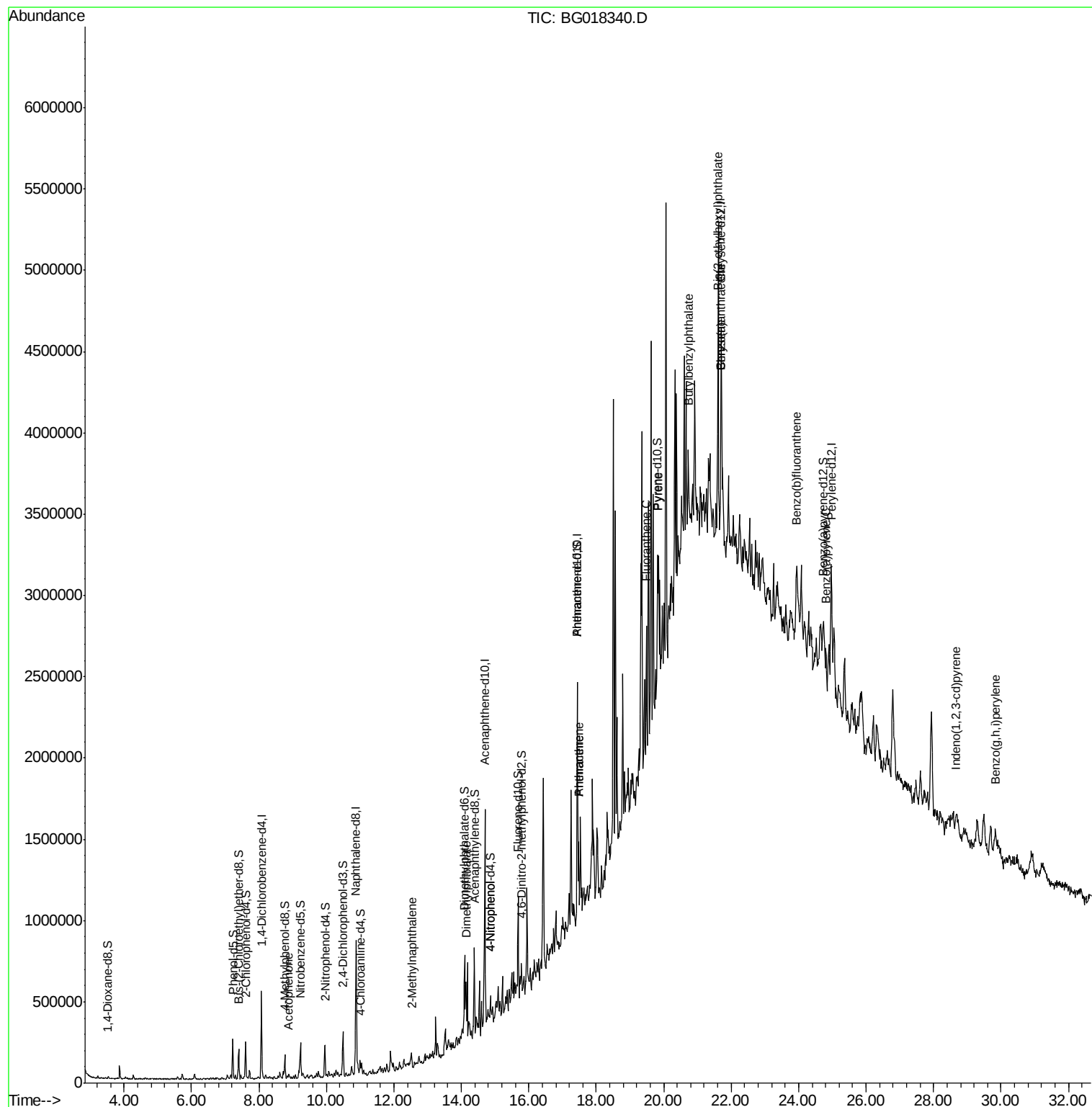
						Qvalue
14) Acetophenone	8.88	105	16553	1.05	ng/ul#	69
34) 2-Methylnaphthalene	12.53	142	30147	1.17	ng/ul	90
45) Dimethylphthalate	14.14	163	162601	4.79	ng/ul#	97
53) 4-Nitrophenol	14.87	109	8354	1.56	ng/ul#	5
70) Phenanthrene	17.47	178	278685	6.30	ng/ul	96
72) Anthracene	17.47	178	279226	6.20	ng/ul	97
77) Fluoranthene	19.48	202	452083	9.59	ng/ul	97
80) Pyrene	19.85	202	440487	9.71	ng/ul	99
81) Butylbenzylphthalate	20.73	149	110045	5.70	ng/ul	87
83) Benzo(a)anthracene	21.69	228	206191	4.94	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.61	149	728648	26.63	ng/ul#	98
85) Chrysene	21.69	228	204334	5.23	ng/ul	95
88) Benzo(b)fluoranthene	23.93	252	313296	7.47	ng/ul#	79
91) Benzo(a)pyrene	24.81	252	215618	5.40	ng/ul#	71
92) Indeno(1,2,3-cd)pyrene	28.67	276	167571	3.62	ng/ul#	82
94) Benzo(g,h,i)perylene	29.83	276	157176	4.06	ng/ul#	80

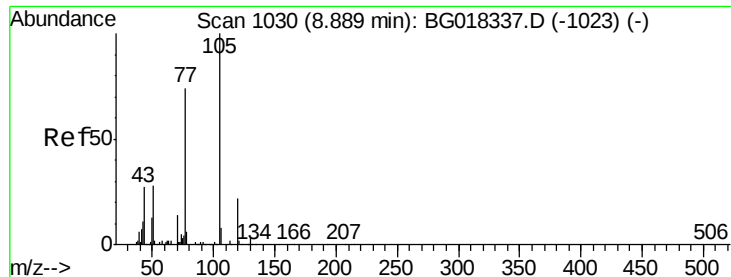
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.05 ng/ul

RT: 8.88 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

BNA_G

ClientSampleId :

C01T5

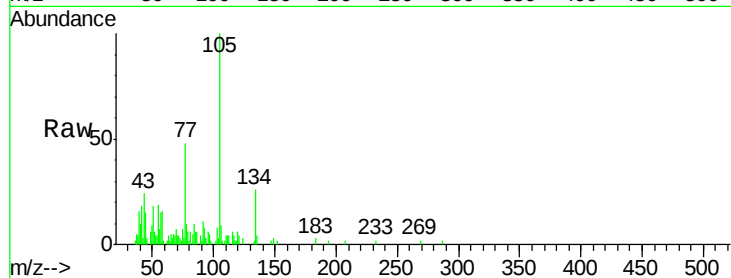
Tgt Ion:105 Resp: 16553

Ion Ratio Lower Upper

105 100

77 47.6 61.7 92.5#

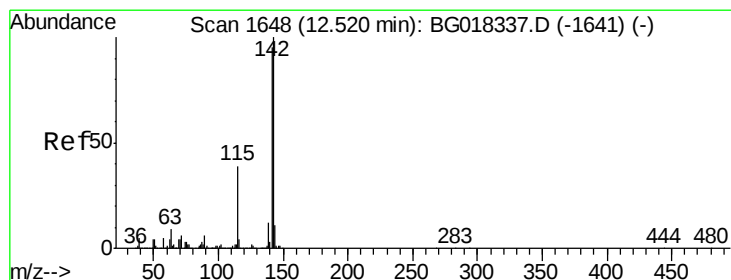
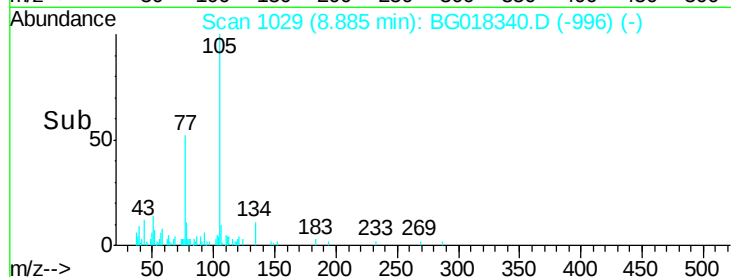
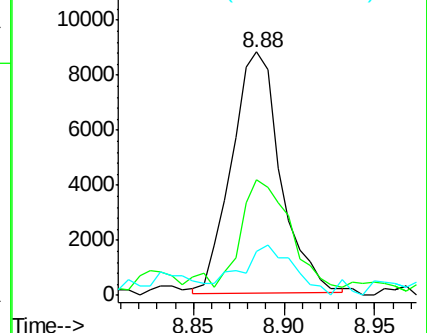
51 18.0 24.0 36.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG018337.D (-1023) (-)

Ion 51.00 (50.70 to 51.70): BG018337.D (-1023) (-)



#34

2-Methylnaphthalene

Concen: 1.17 ng/ul

RT: 12.53 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BG018340.D

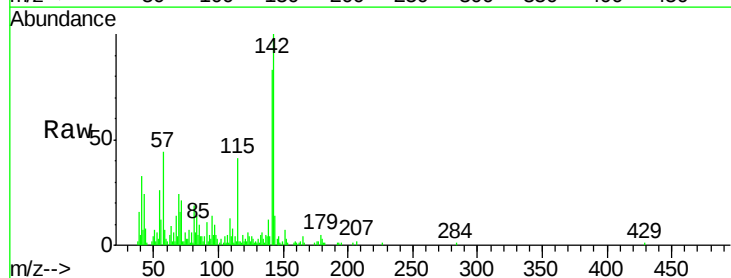
Acq: 9 Aug 2015 22:18

Tgt Ion:142 Resp: 30147

Ion Ratio Lower Upper

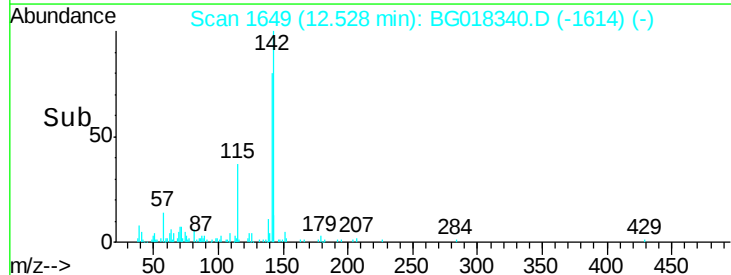
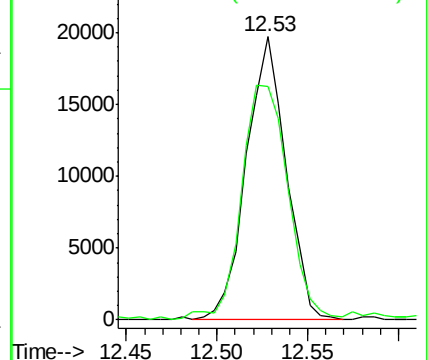
142 100

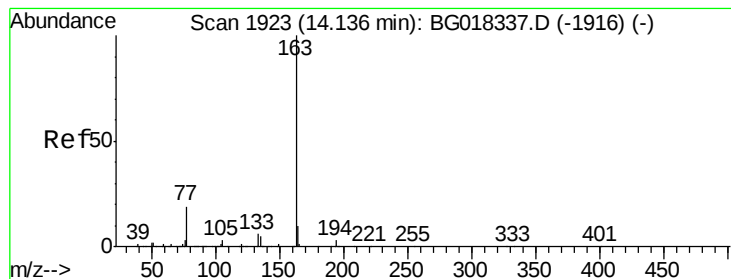
141 82.6 73.7 110.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): BG018337.D (-1641) (-)





#45

Dimethylphthalate

Concen: 4.79 ng/ul

RT: 14.14 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

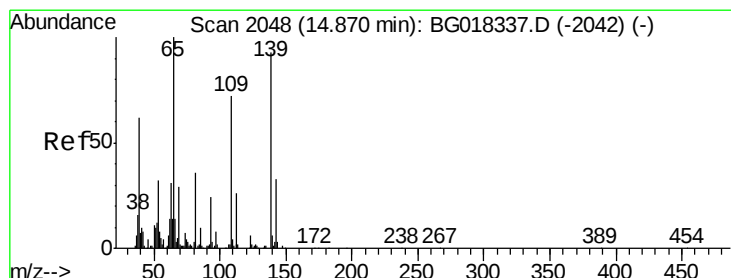
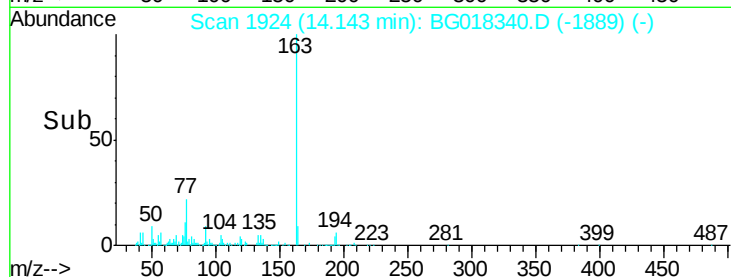
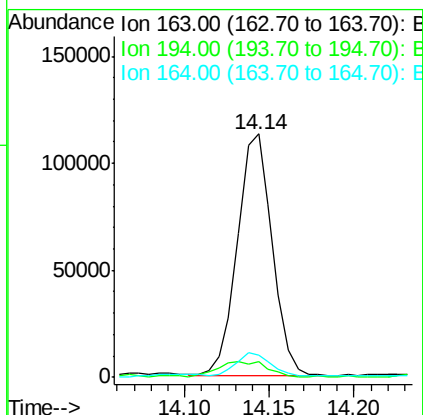
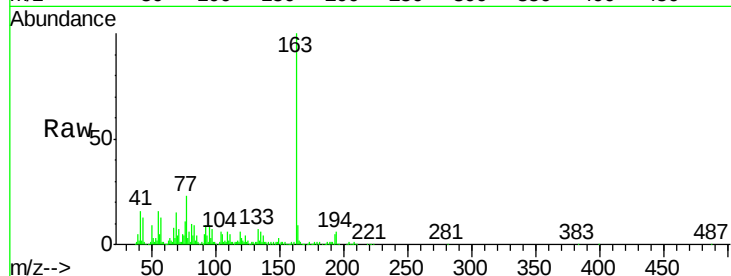
BNA_G

ClientSampleId :

C01T5

Tgt Ion:163 Resp: 162601

Ion	Ratio	Lower	Upper
163	100		
194	6.4	3.2	4.8#
164	9.3	8.0	12.0



#53

4-Nitrophenol

Concen: 1.56 ng/ul

RT: 14.87 min Scan# 2048

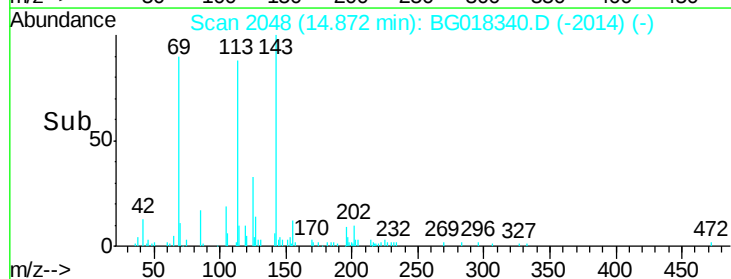
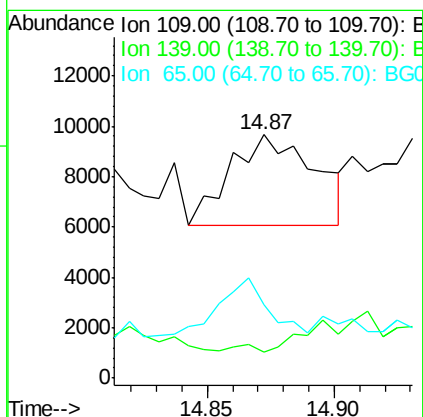
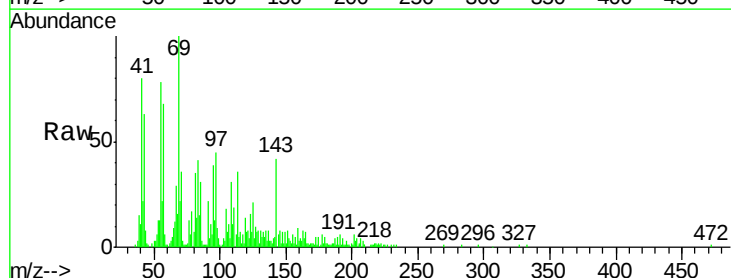
Delta R.T. 0.00 min

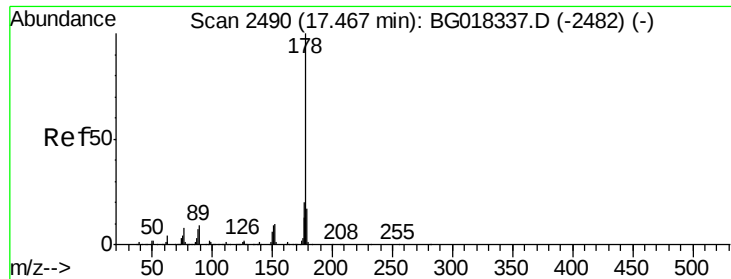
Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Tgt Ion:109 Resp: 8354

Ion	Ratio	Lower	Upper
109	100		
139	10.7	102.2	153.4#
65	30.1	108.6	163.0#





#70

Phenanthrene

Concen: 6.30 ng/ul

RT: 17.47 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

BNA_G

ClientSampleId :

C01T5

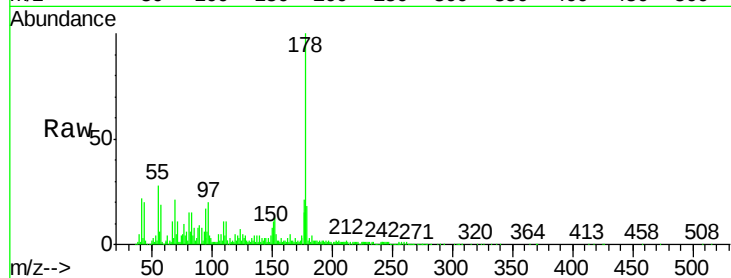
Tgt Ion:178 Resp: 278685

Ion Ratio Lower Upper

178 100

179 18.3 12.4 18.6

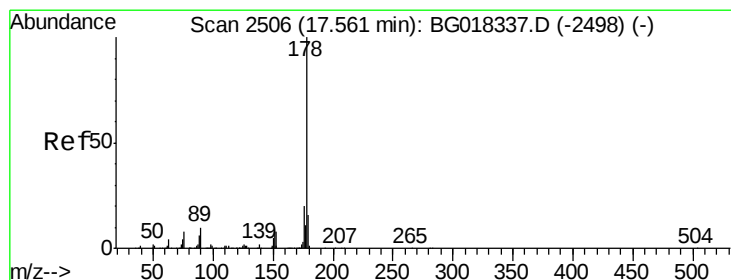
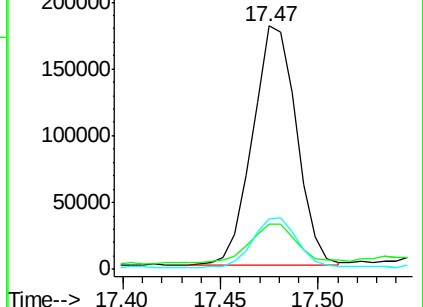
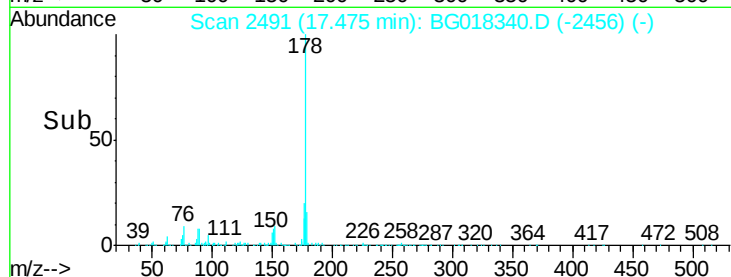
176 20.6 15.9 23.9



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: 6.20 ng/ul

RT: 17.47 min Scan# 2491

Delta R.T. -0.09 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

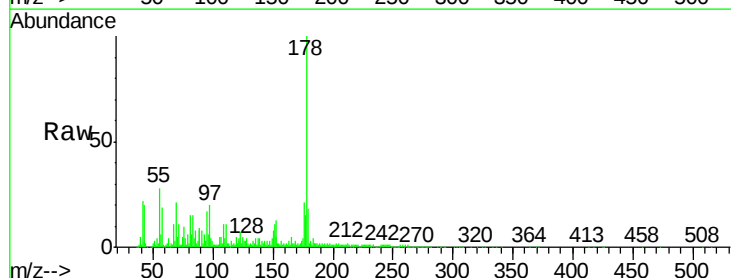
Tgt Ion:178 Resp: 279226

Ion Ratio Lower Upper

178 100

179 18.3 12.8 19.2

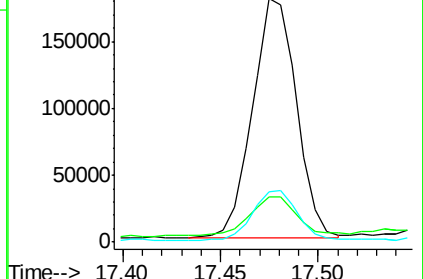
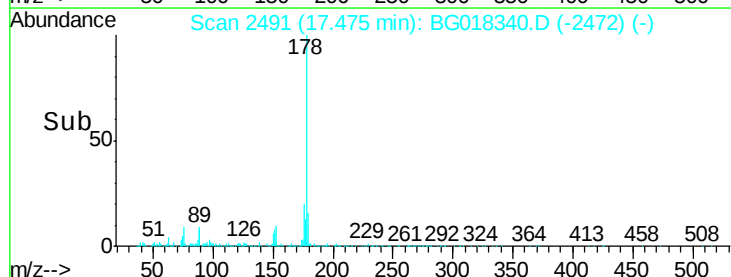
176 20.6 15.9 23.9

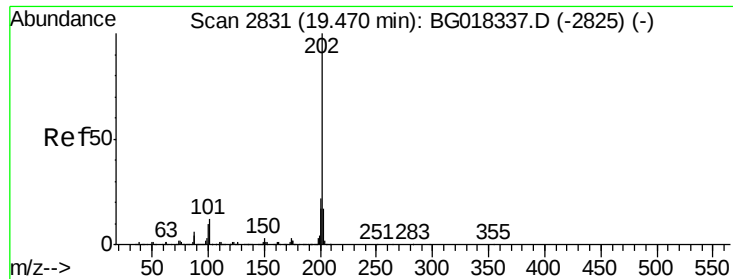


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

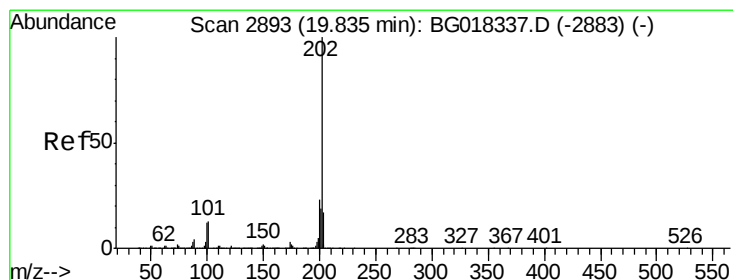
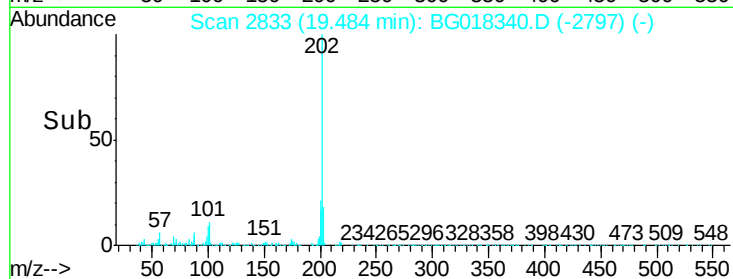
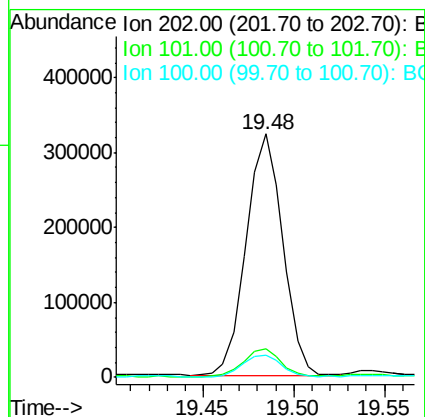
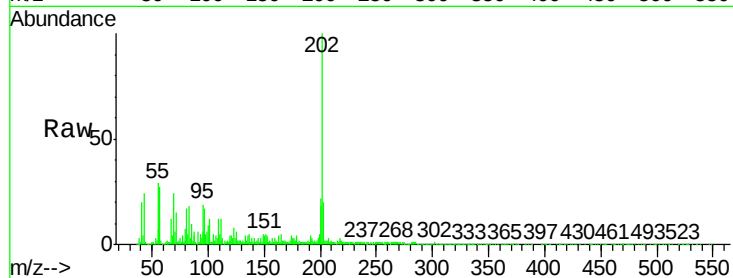




#77
 Fluoranthene
 Concen: 9.59 ng/ul
 RT: 19.48 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BG018340.D
 Acq: 9 Aug 2015 22:18

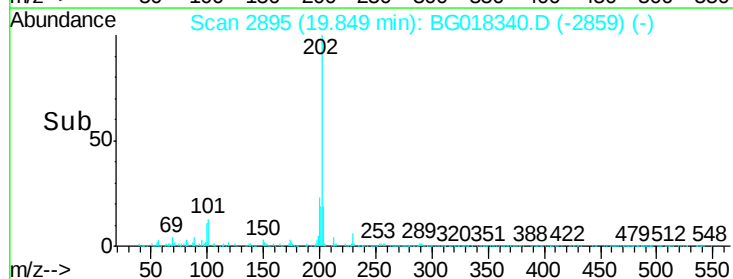
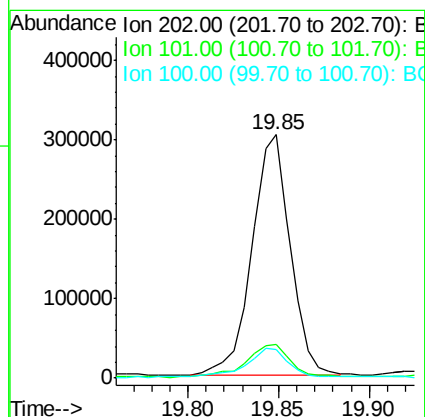
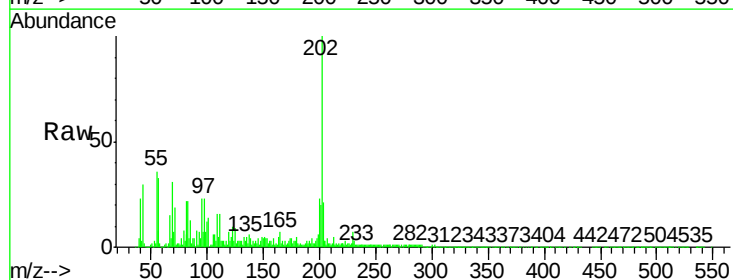
Instrument :
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 C01T5

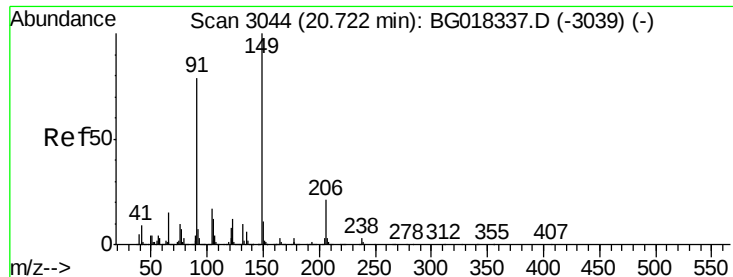
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
100	9.0	8.5	12.7



#80
 Pyrene
 Concen: 9.71 ng/ul
 RT: 19.85 min Scan# 2895
 Delta R.T. 0.01 min
 Lab File: BG018340.D
 Acq: 9 Aug 2015 22:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.3	16.9
100	12.0	9.6	14.4





#81

Butylbenzylphthalate

Concen: 5.70 ng/ul

RT: 20.73 min Scan# 3045

Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

BNA_G

ClientSampled :

C01T5

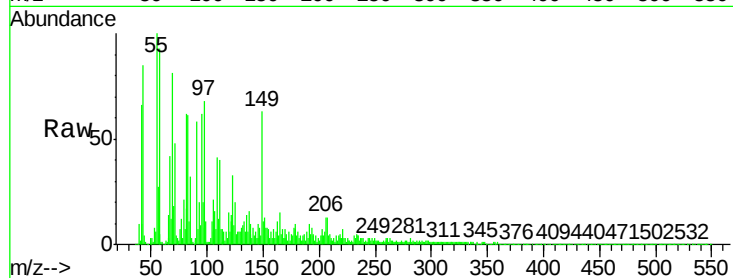
Tgt Ion:149 Resp: 110045

Ion Ratio Lower Upper

149 100

91 92.6 63.4 95.2

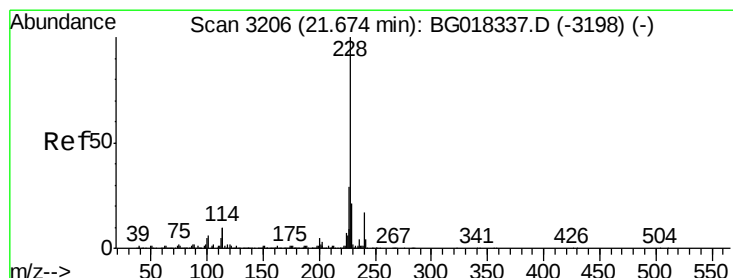
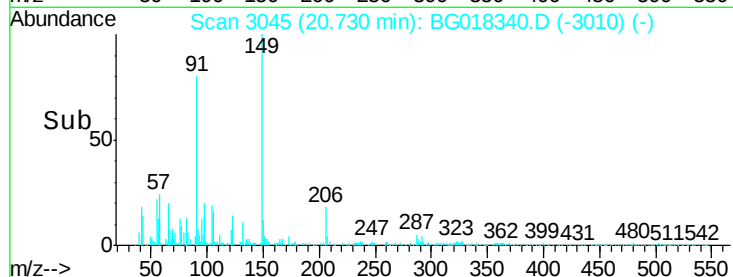
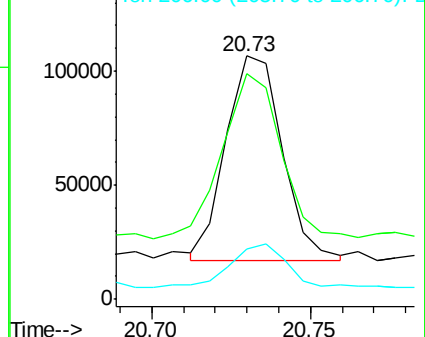
206 20.8 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 4.94 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

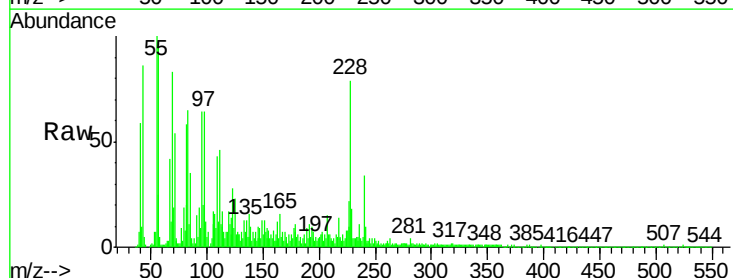
Tgt Ion:228 Resp: 206191

Ion Ratio Lower Upper

228 100

229 22.8 15.4 23.2

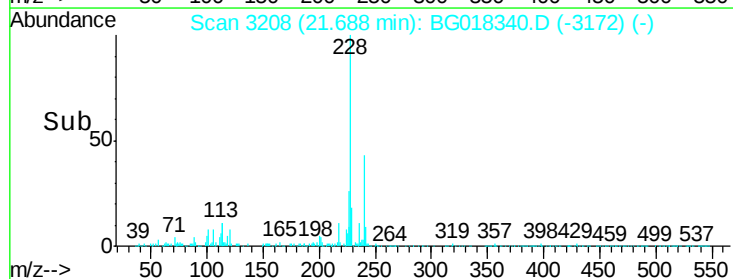
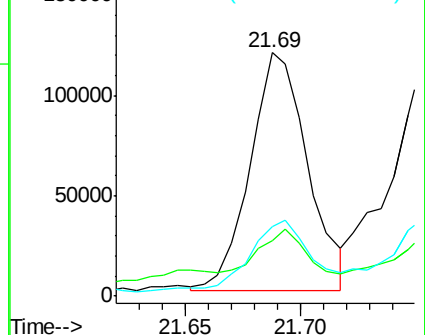
226 28.3 22.3 33.5

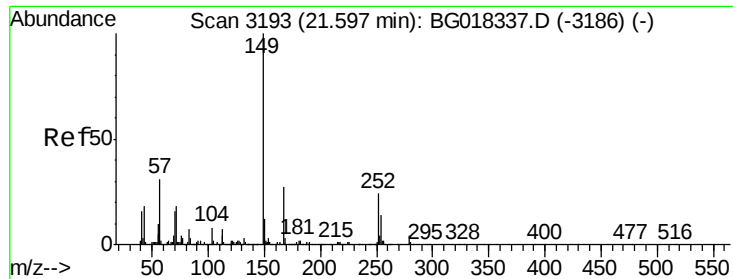


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 26.63 ng/ul

RT: 21.61 min Scan# 3195

Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

BNA_G

ClientSampleId :

C01T5

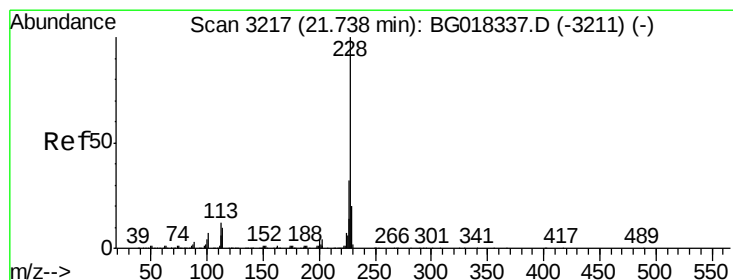
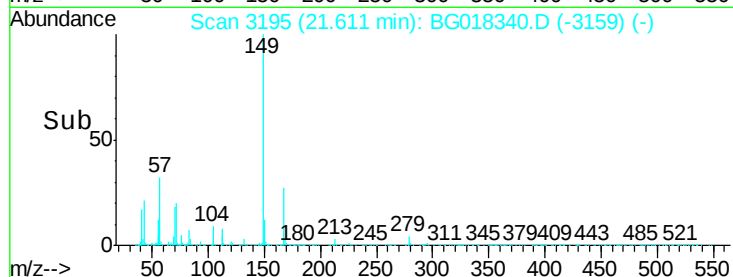
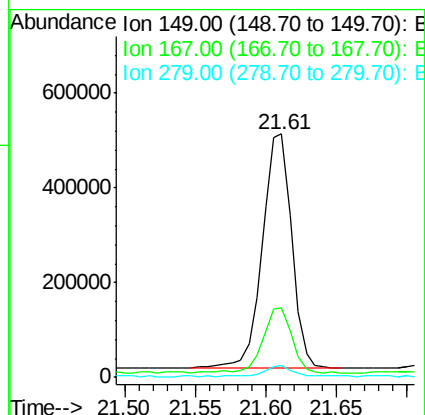
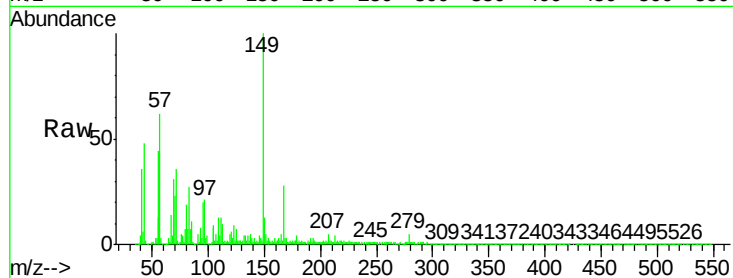
Tgt Ion:149 Resp: 728648

Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.6

279 4.7 2.8 4.2#



#85

Chrysene

Concen: 5.23 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.05 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

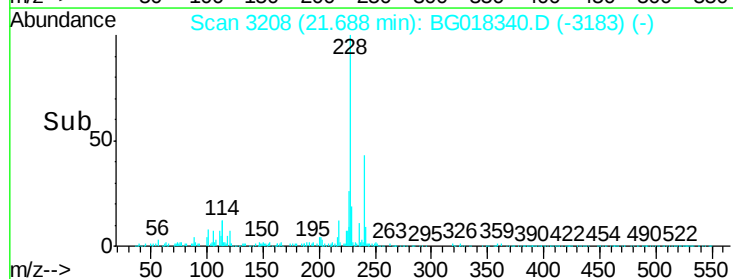
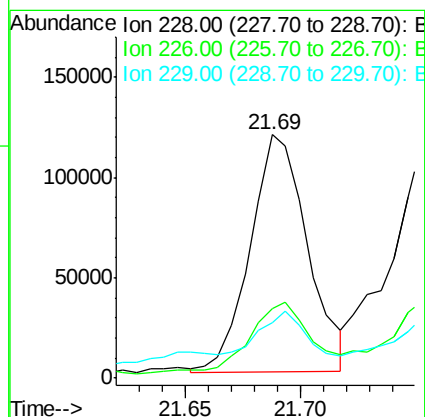
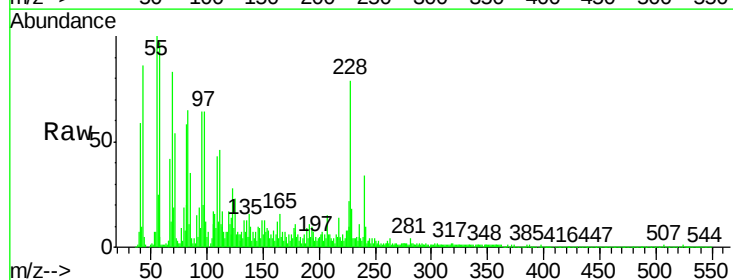
Tgt Ion:228 Resp: 204334

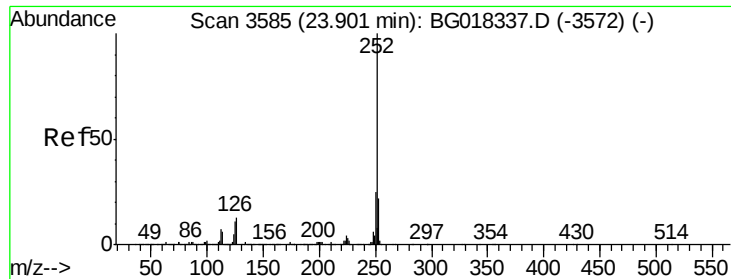
Ion Ratio Lower Upper

228 100

226 28.3 24.6 37.0

229 22.8 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 7.47 ng/ul

RT: 23.93 min Scan# 3590

Delta R.T. 0.03 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

BNA_G

ClientSampleId :

C01T5

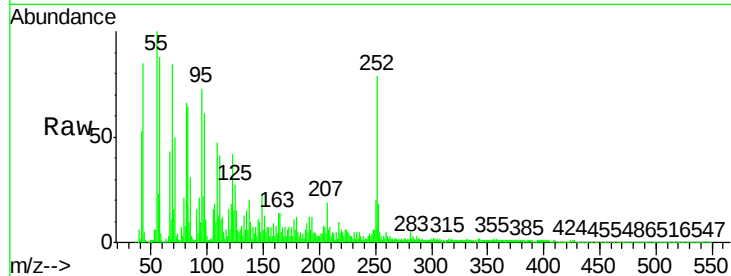
Tgt Ion:252 Resp: 313296

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

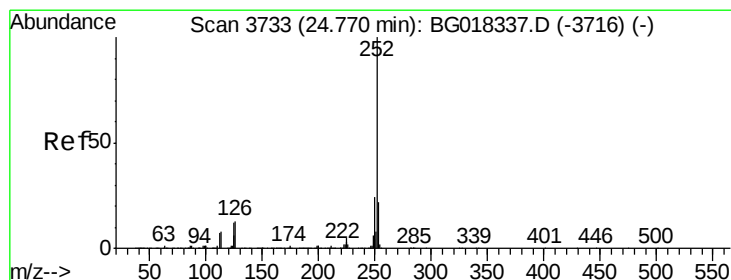
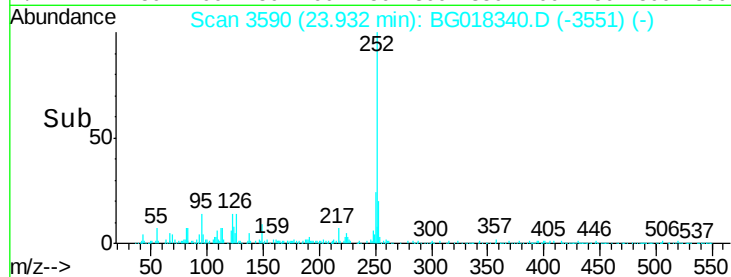
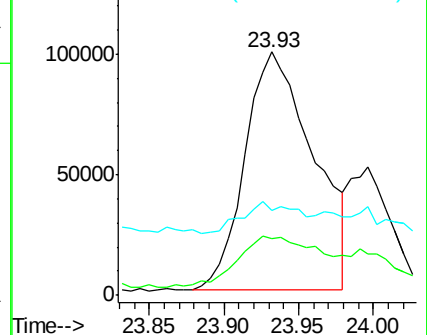
125 34.8 8.6 12.8#



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: 5.40 ng/ul

RT: 24.81 min Scan# 3740

Delta R.T. 0.04 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

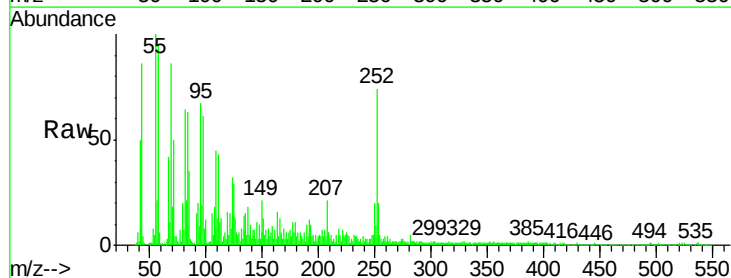
Tgt Ion:252 Resp: 215618

Ion Ratio Lower Upper

252 100

253 26.6 18.6 27.8

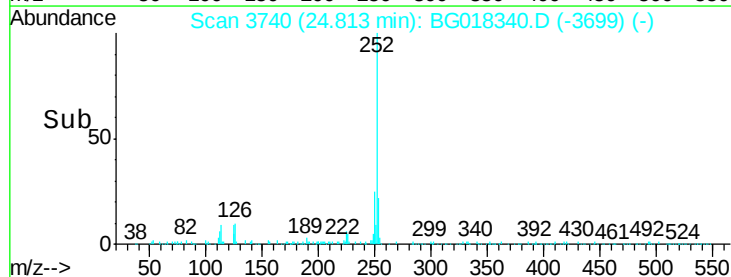
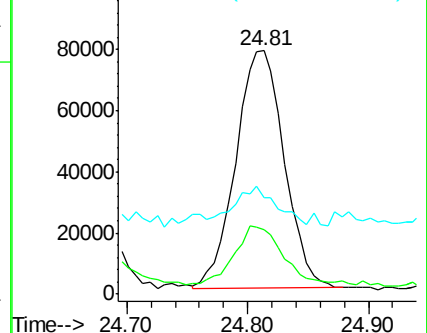
125 39.6 9.8 14.6#

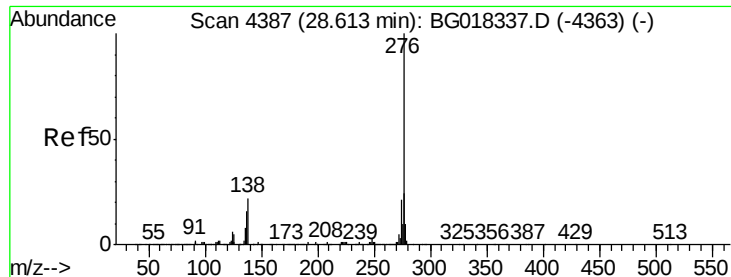


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.62 ng/ul

RT: 28.67 min Scan# 4397

Delta R.T. 0.06 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

BNA_G

ClientSampleId :

C01T5

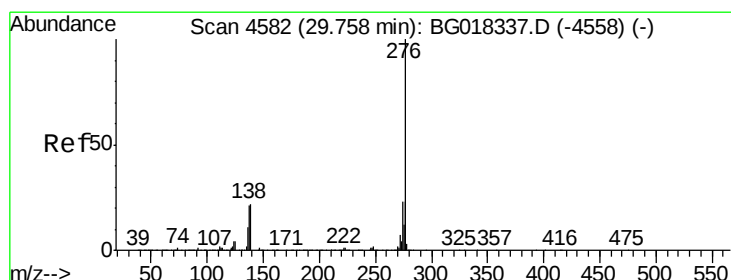
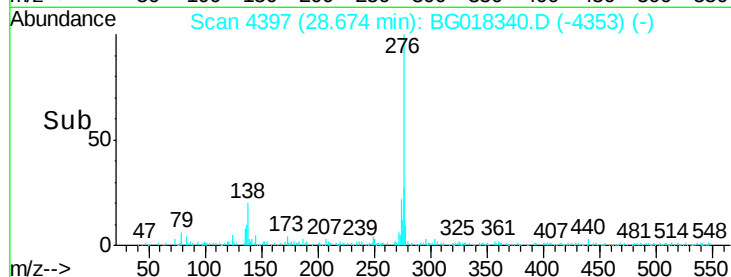
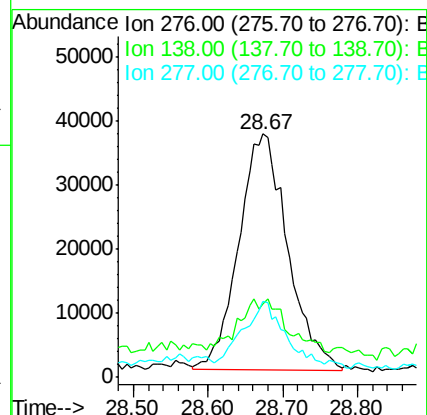
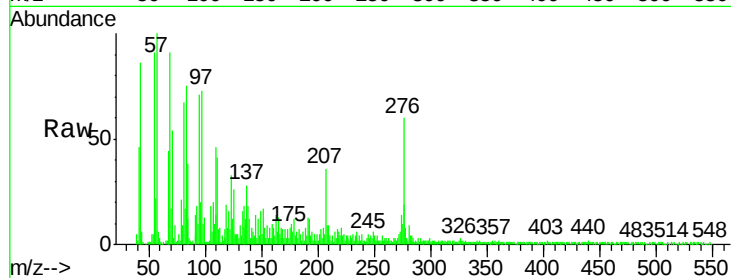
Tgt Ion:276 Resp: 167571

Ion Ratio Lower Upper

276 100

138 30.2 15.9 23.9#

277 31.0 19.0 28.6#



#94

Benzo(g,h,i)perylene

Concen: 4.06 ng/ul

RT: 29.83 min Scan# 4594

Delta R.T. 0.07 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Tgt Ion:276 Resp: 157176

Ion Ratio Lower Upper

276 100

138 35.4 17.4 26.0#

277 28.5 18.4 27.6#

