

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
 Data File : BG018249.D
 Acq On : 3 Aug 2015 19:09
 Operator : UM/TP
 Sample : G3109-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W8

Quant Time: Aug 04 02:56:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:54:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	28722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	137519	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	90380	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	166356	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	123147	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	124158	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	1702	4.47	ng/uL	0.00
5) Phenol-d5	6.66	99	53820	20.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	31298	23.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	45454	23.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	38373	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	26151	24.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	28434	22.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	49858	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	37421	13.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	172494	24.70	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	189451	23.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	14380	11.12	ng/ul	0.00
58) Fluorene-d10	15.14	176	155735	24.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	12085	10.40	ng/ul	0.00
71) Anthracene-d10	16.99	188	204177	28.23	ng/ul	0.00
79) Pyrene-d10	19.31	212	180039	30.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	168924	26.90	ng/ul	0.01

Target Compounds

						Qvalue
14) Acetophenone	8.28	105	3998	1.22	ng/ul#	71
23) 2-Nitrophenol	9.36	139	2481	1.96	ng/ul#	79
28) Naphthalene	10.29	128	8776	1.33	ng/ul#	91
32) Caprolactam	11.16	113	2649	2.54	ng/ul#	68
35) 1-Methylnaphthalene	12.14	142	6537	1.30	ng/ul#	88
45) Dimethylphthalate	13.60	163	36346	5.23	ng/ul	96
48) Acenaphthylene	13.86	152	10234	1.27	ng/ul#	34
50) Acenaphthene	14.20	153	15337	2.93	ng/ul	94
59) Fluorene	15.19	166	26019	3.82	ng/ul#	89
65) N-Nitrosodiphenylamine	15.42	169	14016	3.25	ng/ul#	69
70) Phenanthrene	16.94	178	17308	2.05	ng/ul#	86
72) Anthracene	17.03	178	16983	2.02	ng/ul#	65
76) Di-n-butylphthalate	17.88	149	11698	1.26	ng/ul#	73
77) Fluoranthene	18.97	202	73863	7.96	ng/ul	98
80) Pyrene	19.33	202	75895	10.16	ng/ul#	95
81) Butylbenzylphthalate	20.26	149	4233	1.40	ng/ul#	1
83) Benzo(a)anthracene	21.09	228	25493	3.84	ng/ul#	78
84) Bis(2-ethylhexyl)phthalate	21.03	149	31313	7.65	ng/ul#	76
85) Chrysene	21.14	228	43087	7.09	ng/ul#	76
88) Benzo(b)fluoranthene	22.63	252	28066	3.76	ng/ul#	44
91) Benzo(a)pyrene	23.19	252	16810	2.52	ng/ul#	30

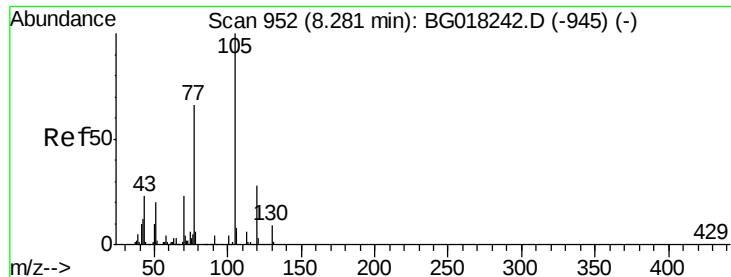
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

Quant Time: Aug 04 02:56:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

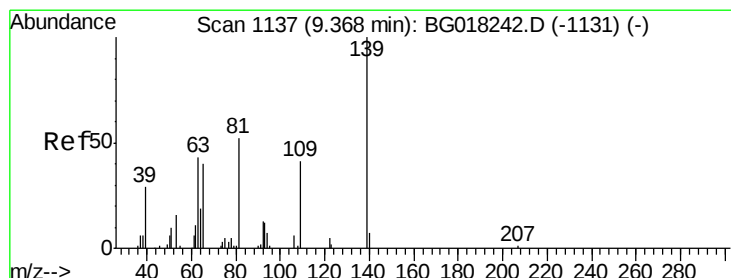
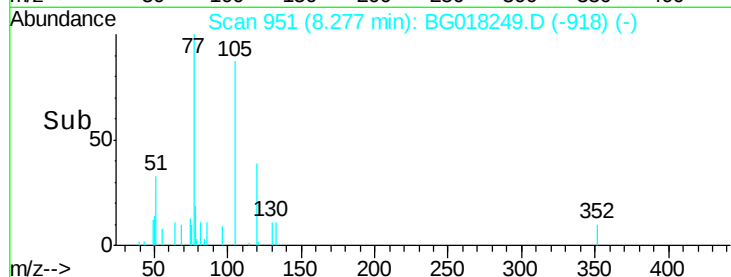
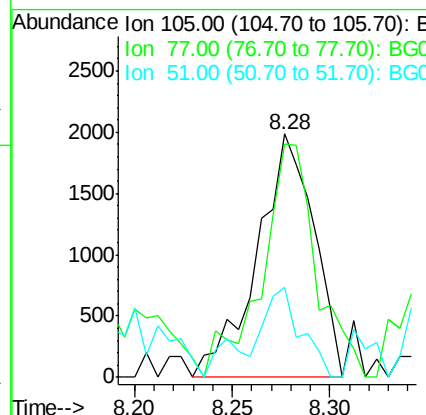
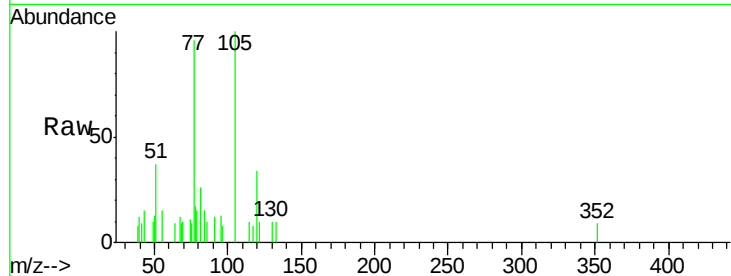
(#)= qualifier out of range (m)= manual integration (+)= signals summed						



#14
Acetophenone
Concen: 1.22 ng/ul
RT: 8.28 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG018249.D
Acq: 3 Aug 2015 19:09

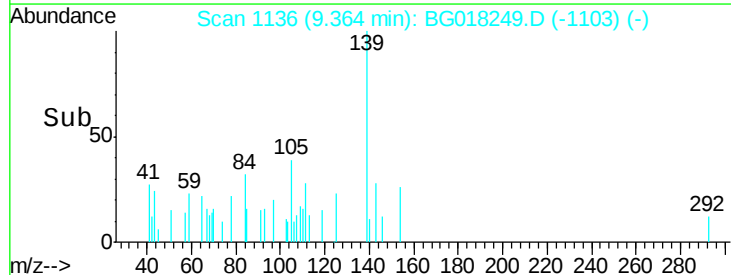
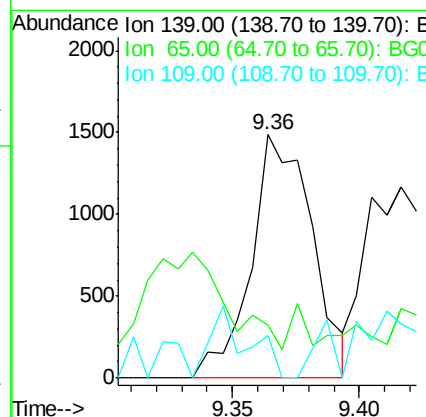
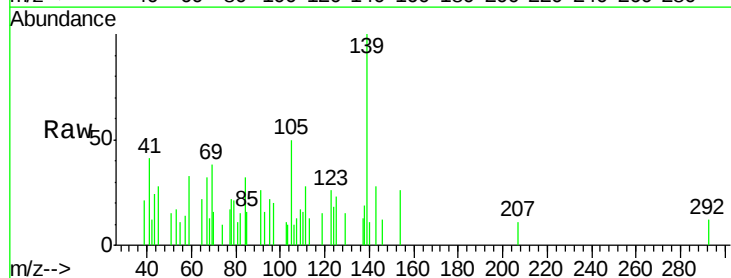
Instrument :
BNA_G
ClientSampleId :
C01W8

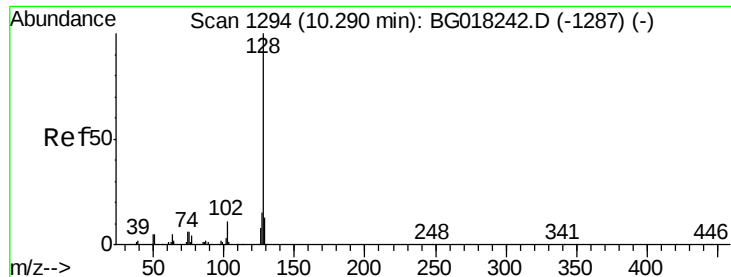
Tgt Ion:105 Resp: 3998
Ion Ratio Lower Upper
105 100
77 95.7 58.4 87.6#
51 37.2 16.5 24.7#



#23
2-Nitrophenol
Concen: 1.96 ng/ul
RT: 9.36 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG018249.D
Acq: 3 Aug 2015 19:09

Tgt Ion:139 Resp: 2481
Ion Ratio Lower Upper
139 100
65 21.8 29.3 43.9#
109 17.4 19.8 29.8#

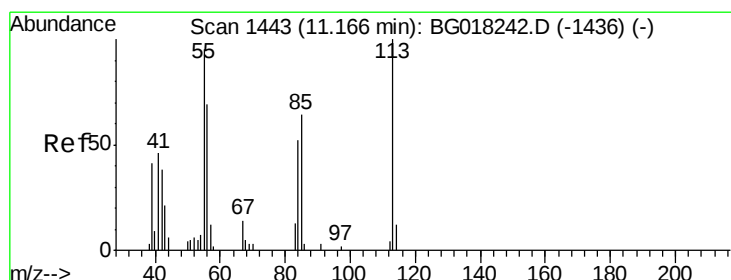
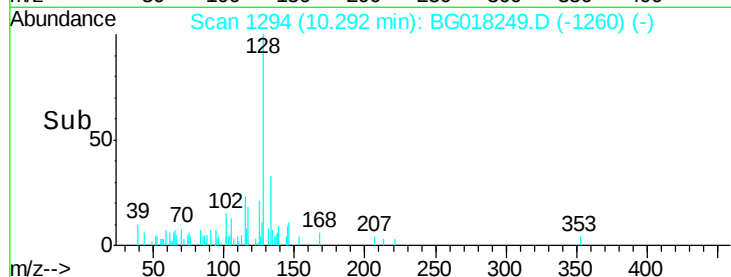
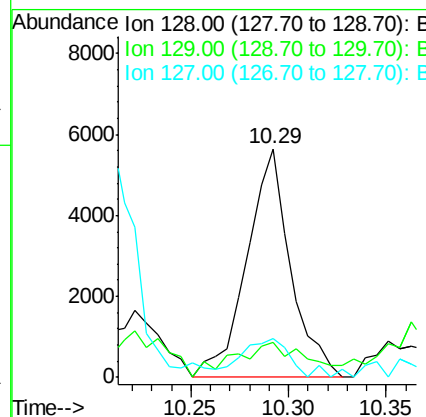
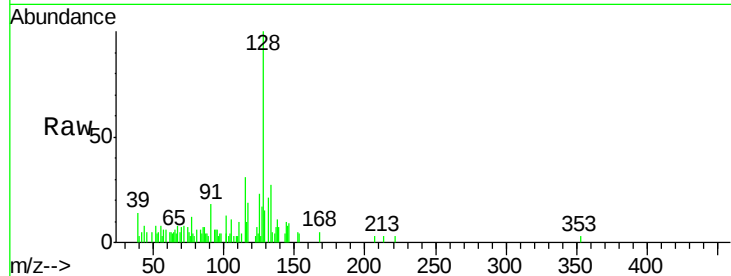




#28
Naphthalene
Concen: 1.33 ng/ul
RT: 10.29 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG018249.D
Acq: 3 Aug 2015 19:09

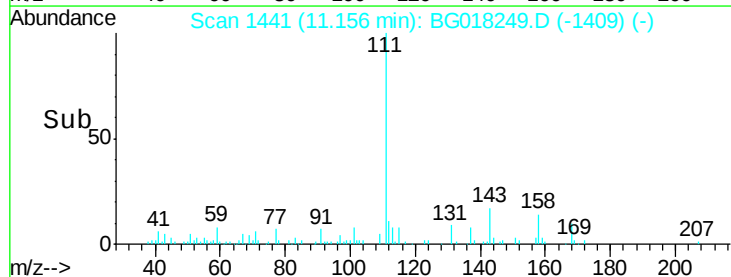
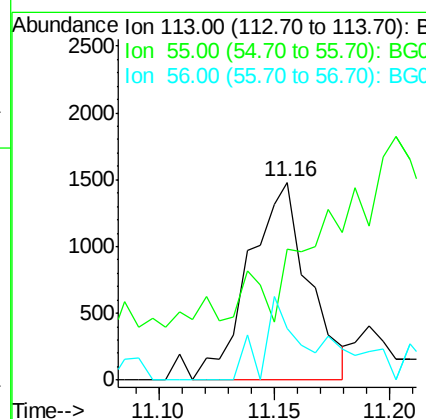
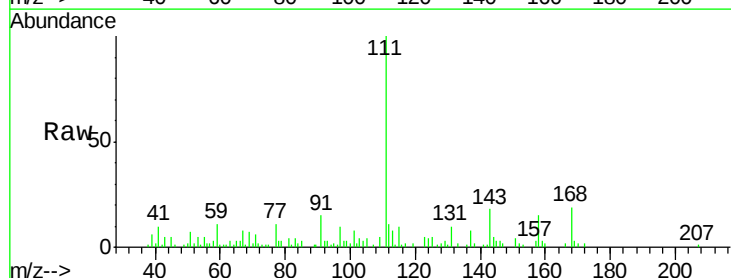
Instrument :
BNA_G
ClientSampleId :
C01W8

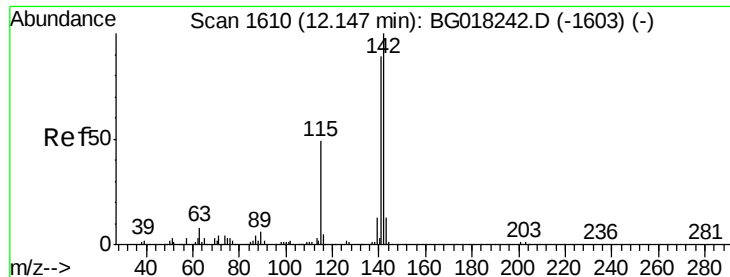
Tgt Ion:128 Resp: 8776
Ion Ratio Lower Upper
128 100
129 15.4 9.1 13.7#
127 17.1 11.2 16.8#



#32
Caprolactam
Concen: 2.54 ng/ul
RT: 11.16 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BG018249.D
Acq: 3 Aug 2015 19:09

Tgt Ion:113 Resp: 2649
Ion Ratio Lower Upper
113 100
55 66.2 64.6 96.8
56 25.8 53.2 79.8#

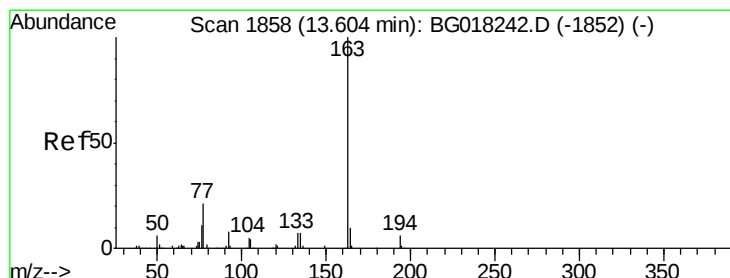
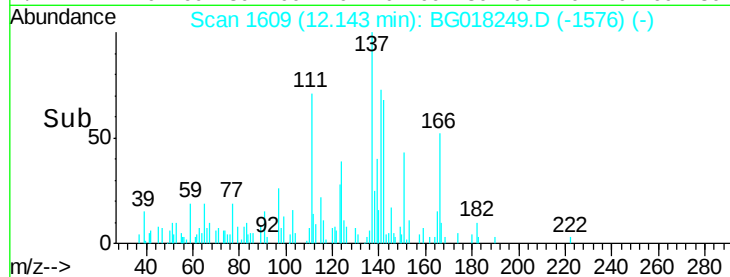
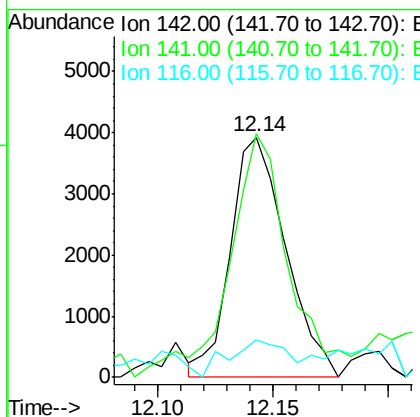
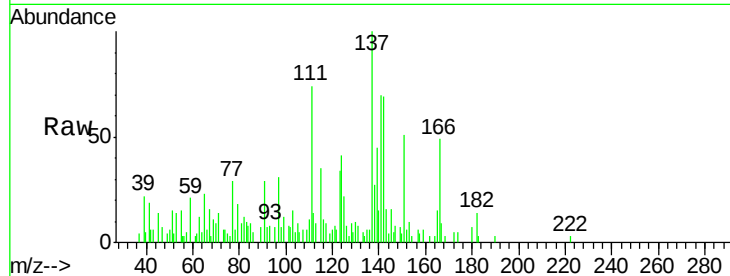




#35
 1-Methylnaphthalene
 Concen: 1.30 ng/ul
 RT: 12.14 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BG018249.D
 Acq: 3 Aug 2015 19:09

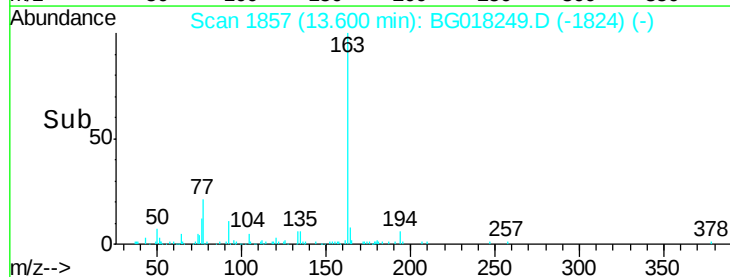
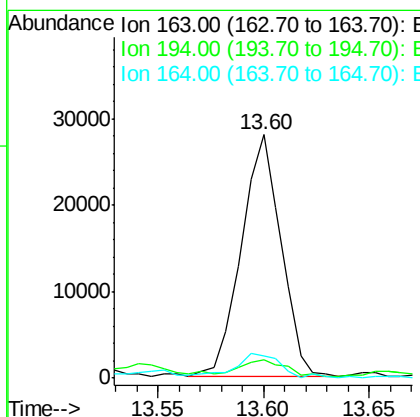
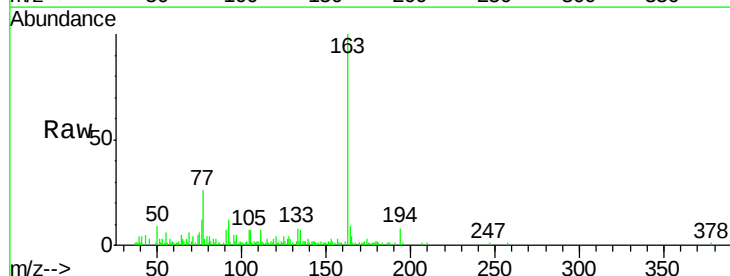
Instrument :
 BNA_G
 ClientSampleId :
 C01W8

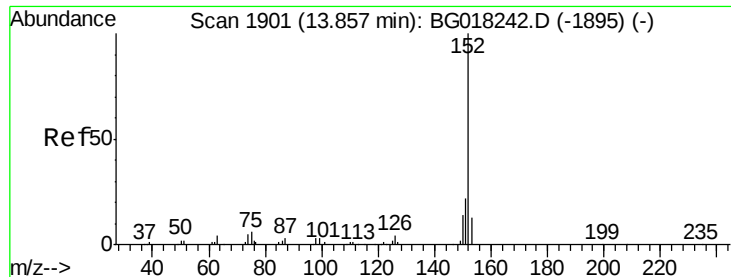
Tgt Ion:142 Resp: 6537
 Ion Ratio Lower Upper
 142 100
 141 101.4 72.5 108.7
 116 15.6 2.6 4.0#



#45
 Dimethylphthalate
 Concen: 5.23 ng/ul
 RT: 13.60 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BG018249.D
 Acq: 3 Aug 2015 19:09

Tgt Ion:163 Resp: 36346
 Ion Ratio Lower Upper
 163 100
 194 7.6 5.2 7.8
 164 9.0 8.4 12.6





#48

Acenaphthylene

Concen: 1.27 ng/ul

RT: 13.86 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Instrument :

BNA_G

ClientSampleId :

C01W8

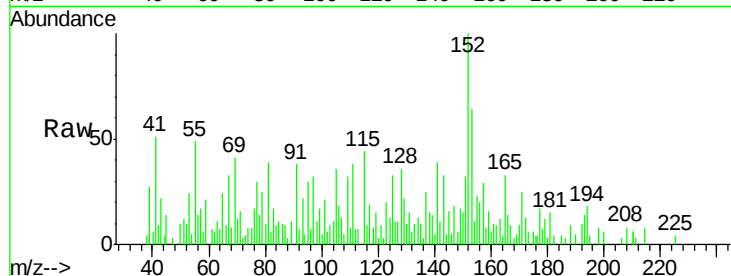
Tgt Ion:152 Resp: 10234

Ion Ratio Lower Upper

152 100

151 31.6 16.0 24.0#

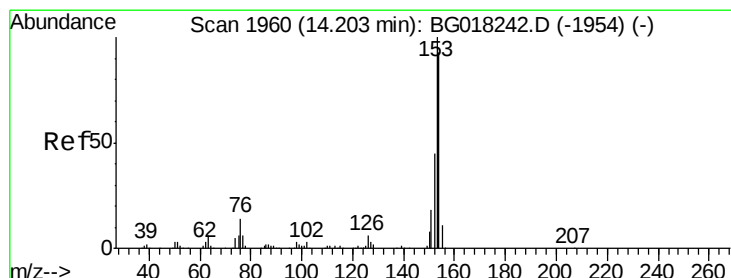
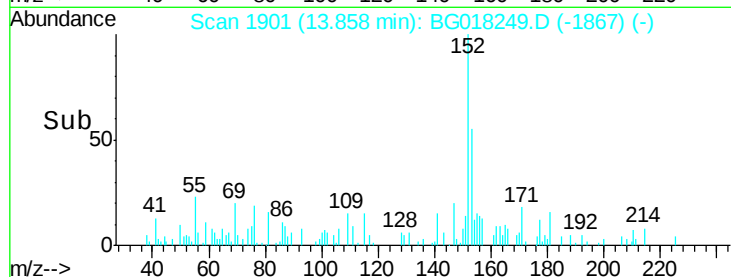
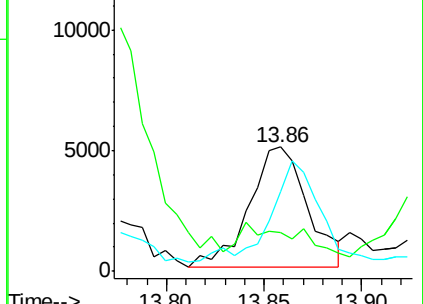
153 64.4 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 2.93 ng/ul

RT: 14.20 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

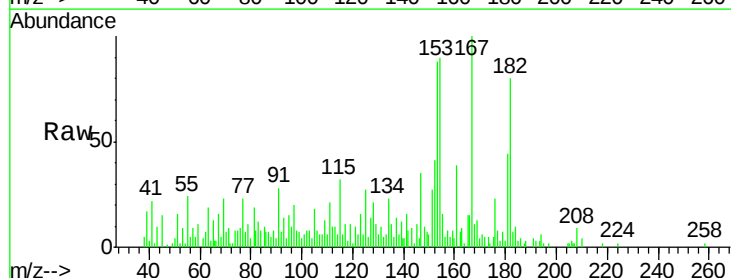
Tgt Ion:153 Resp: 15337

Ion Ratio Lower Upper

153 100

152 46.5 38.7 58.1

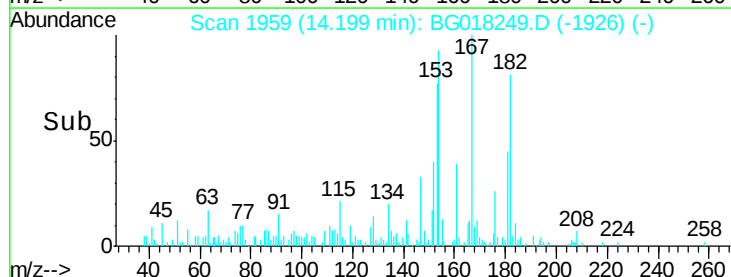
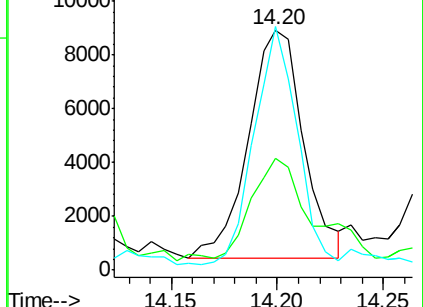
154 101.5 74.8 112.2

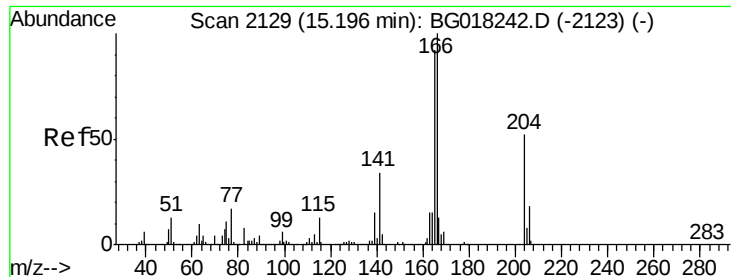


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 3.82 ng/ul

RT: 15.19 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Instrument :

BNA_G

ClientSampleId :

C01W8

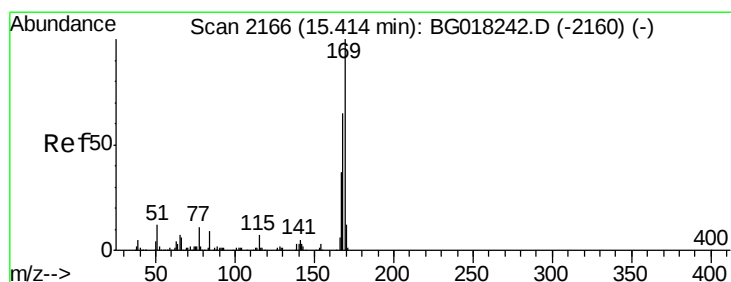
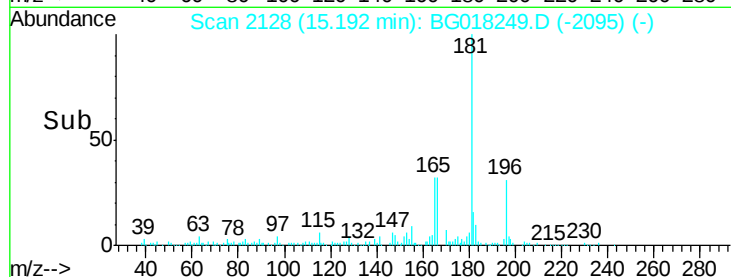
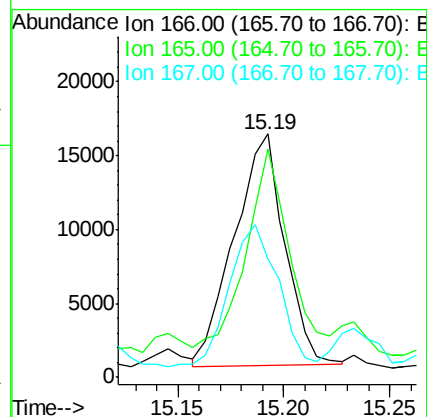
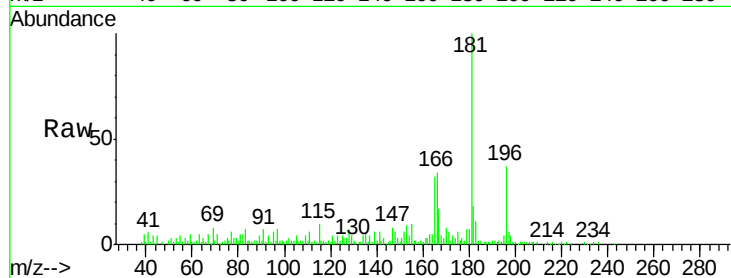
Tgt Ion:166 Resp: 26019

Ion Ratio Lower Upper

166 100

165 93.8 75.1 112.7

167 48.7 11.8 17.6#



#65

N-Nitrosodiphenylamine

Concen: 3.25 ng/ul

RT: 15.42 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

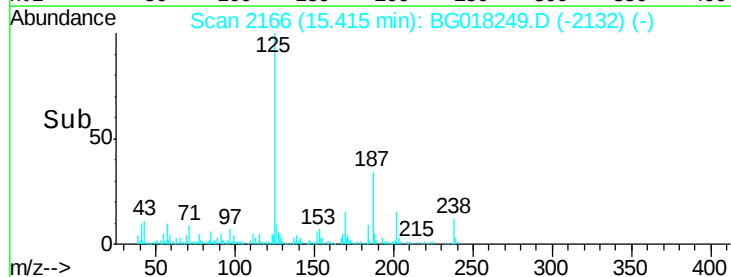
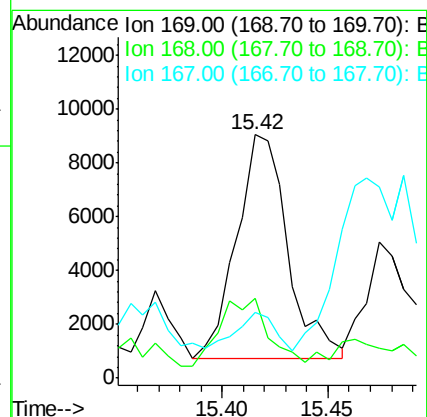
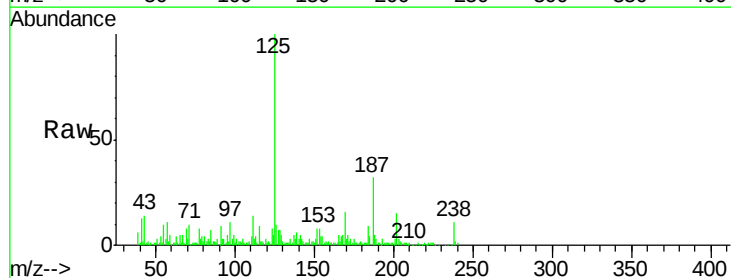
Tgt Ion:169 Resp: 14016

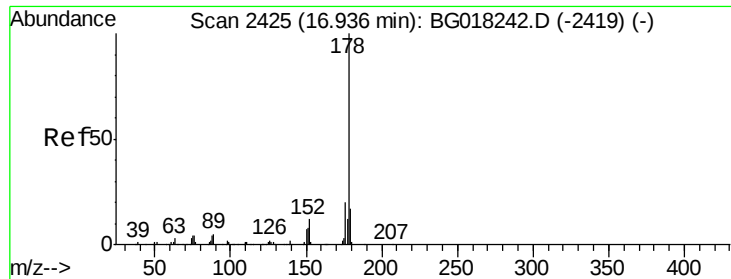
Ion Ratio Lower Upper

169 100

168 32.5 51.8 77.6#

167 27.1 27.7 41.5#





#70

Phenanthrene

Concen: 2.05 ng/ul

RT: 16.94 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Instrument :

BNA_G

ClientSampleId :

C01W8

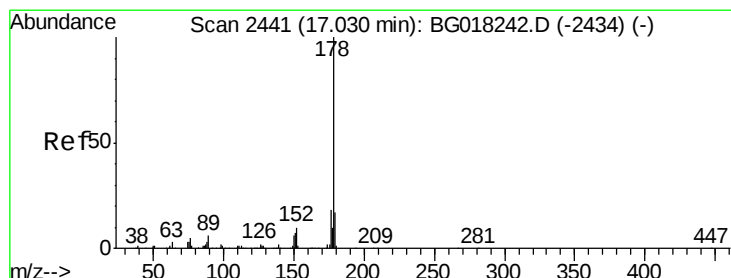
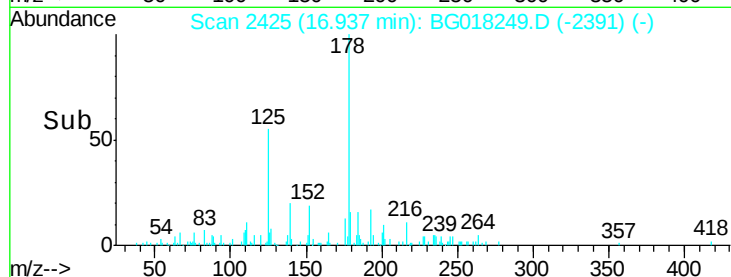
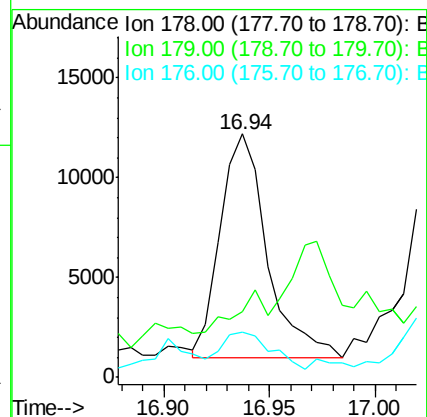
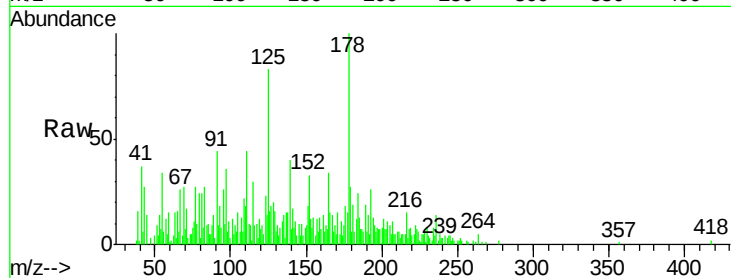
Tgt Ion:178 Resp: 17308

Ion Ratio Lower Upper

178 100

179 27.1 12.8 19.2#

176 18.3 16.0 24.0



#72

Anthracene

Concen: 2.02 ng/ul

RT: 17.03 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

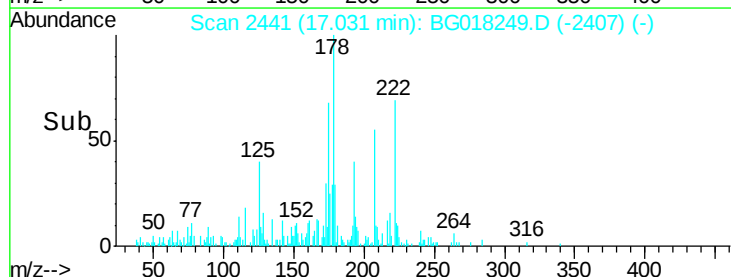
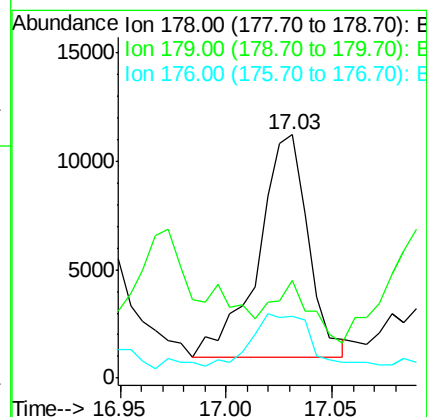
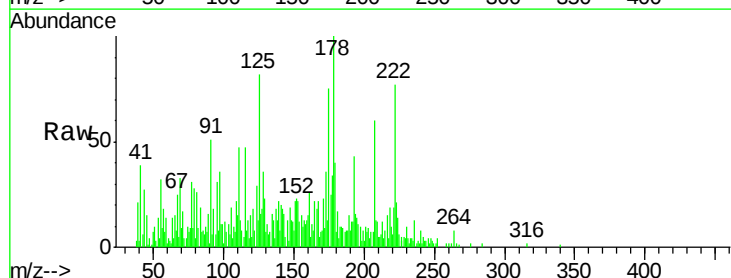
Tgt Ion:178 Resp: 16983

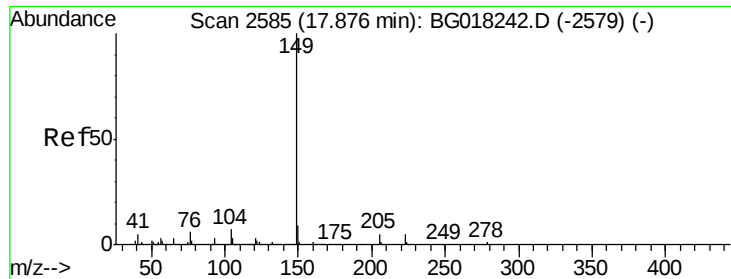
Ion Ratio Lower Upper

178 100

179 39.9 12.2 18.2#

176 25.4 14.8 22.2#





#76

Di-n-butylphthalate

Concen: 1.26 ng/ul

RT: 17.88 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Instrument :

BNA_G

ClientSampleId :

C01W8

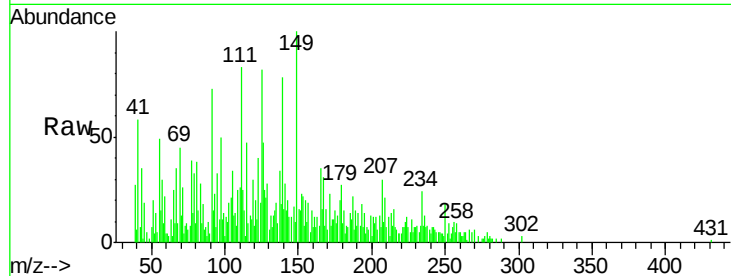
Tgt Ion:149 Resp: 11698

Ion Ratio Lower Upper

149 100

150 15.8 7.7 11.5#

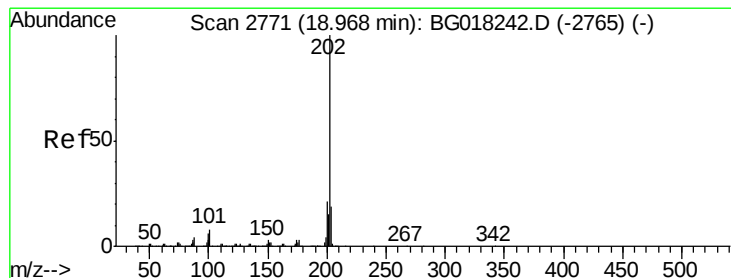
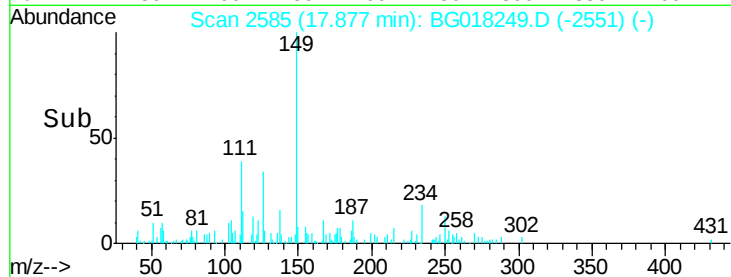
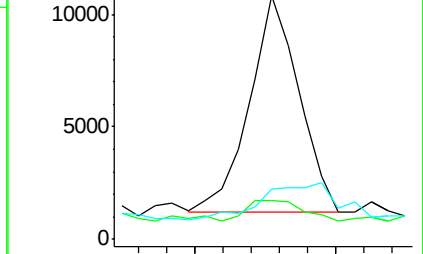
104 20.5 3.6 5.4#



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



#77

Fluoranthene

Concen: 7.96 ng/ul

RT: 18.97 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

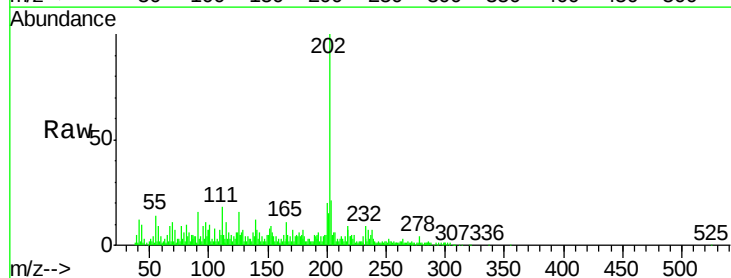
Tgt Ion:202 Resp: 73863

Ion Ratio Lower Upper

202 100

101 10.3 7.5 11.3

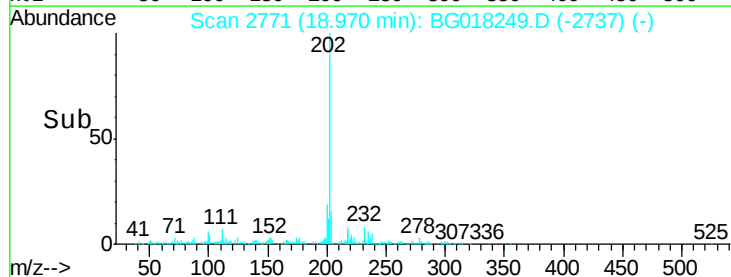
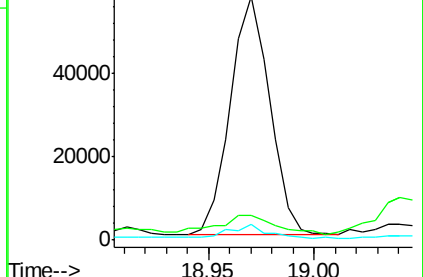
100 6.6 5.5 8.3

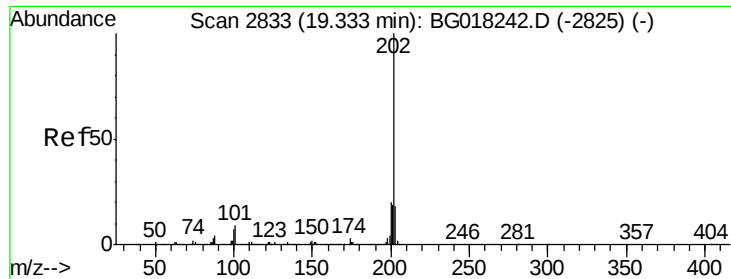


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

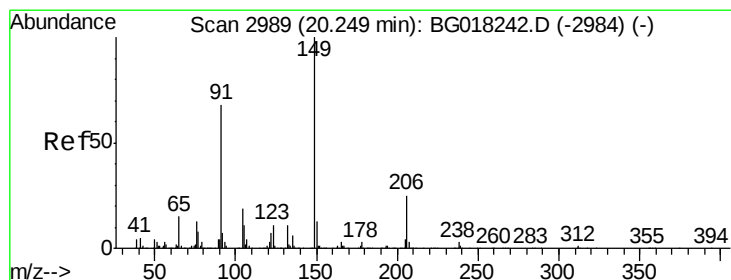
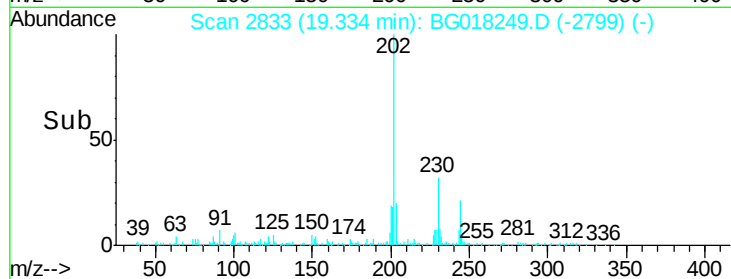
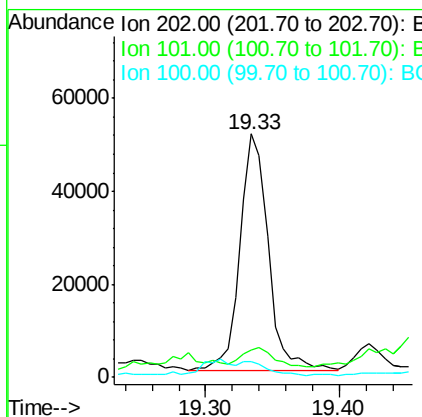
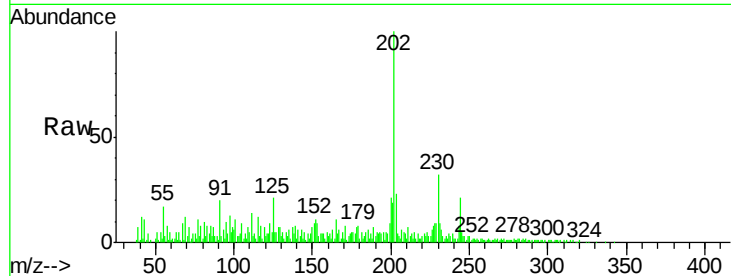




#80
 Pyrene
 Concen: 10.16 ng/ul
 RT: 19.33 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BG018249.D
 Acq: 3 Aug 2015 19:09

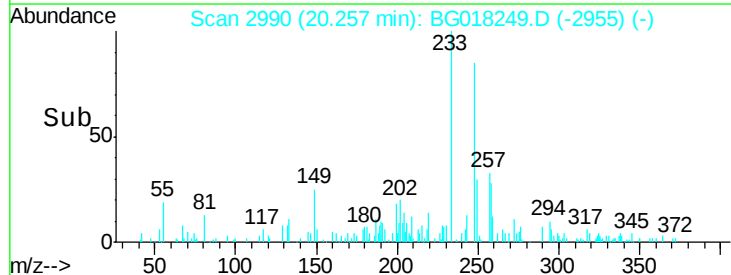
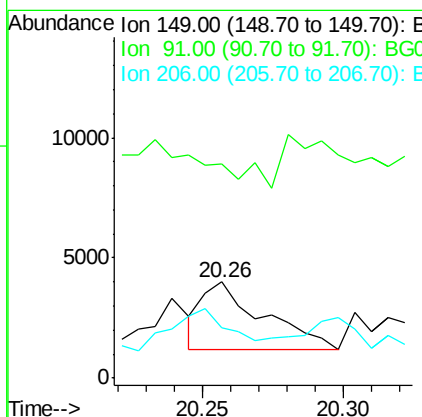
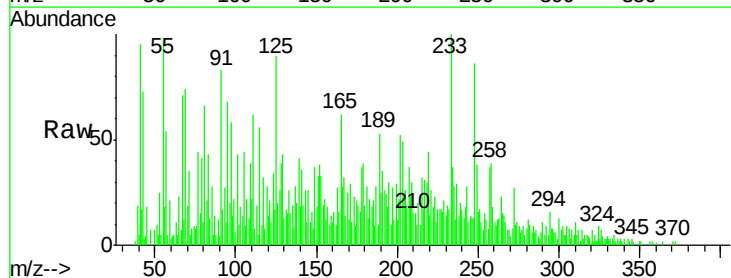
Instrument :
 BNA_G
 ClientSampleId :
 C01W8

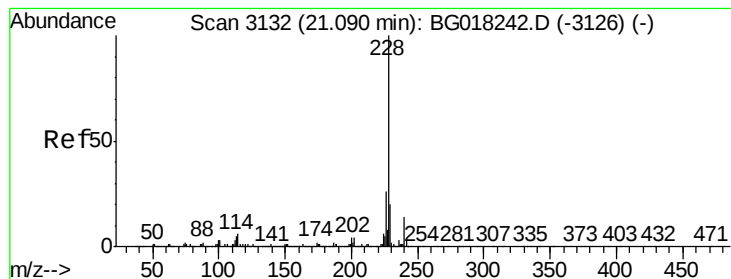
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.1	12.1
100	6.3	7.4	11.0#



#81
 Butylbenzylphthalate
 Concen: 1.40 ng/ul
 RT: 20.26 min Scan# 2990
 Delta R.T. 0.01 min
 Lab File: BG018249.D
 Acq: 3 Aug 2015 19:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	223.5	46.6	69.8#
206	52.2	21.8	32.8#





#83

Benzo(a)anthracene

Concen: 3.84 ng/ul

RT: 21.09 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Instrument :

BNA_G

ClientSampleId :

C01W8

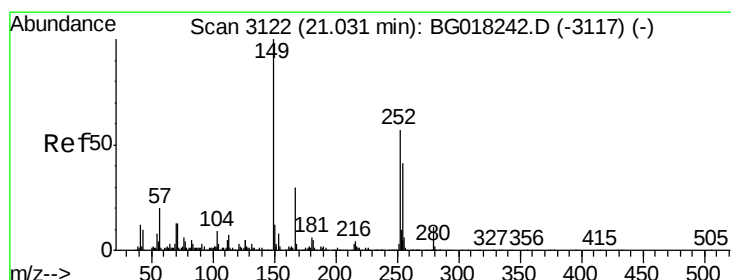
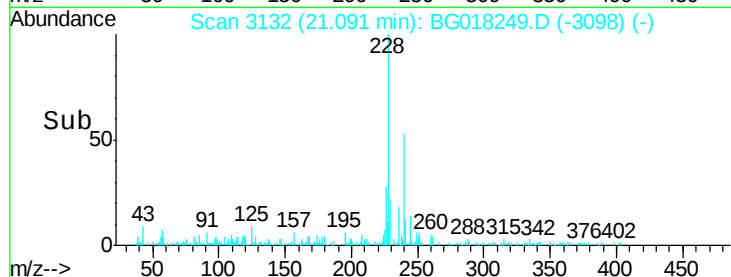
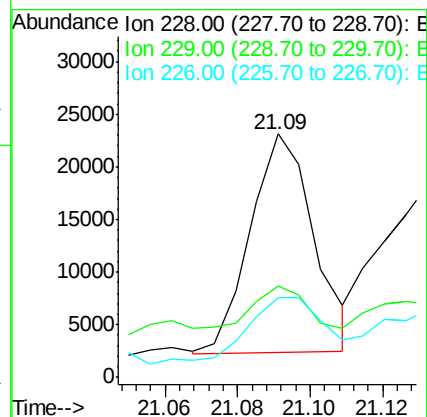
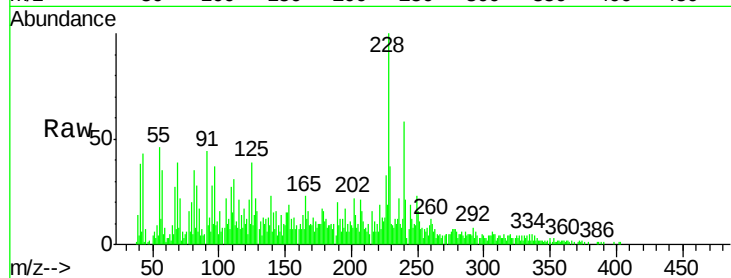
Tgt Ion:228 Resp: 25493

Ion Ratio Lower Upper

228 100

229 37.3 16.5 24.7#

226 32.7 21.5 32.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.65 ng/ul

RT: 21.03 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

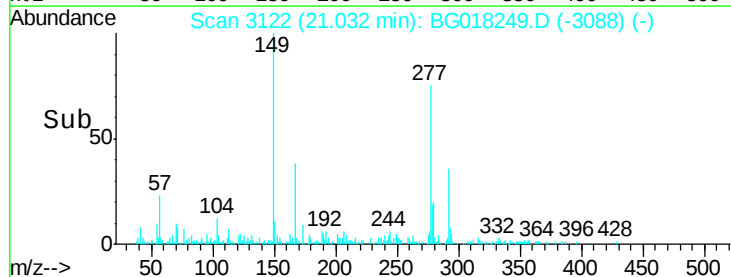
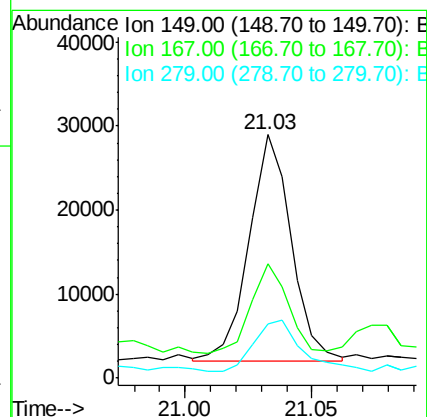
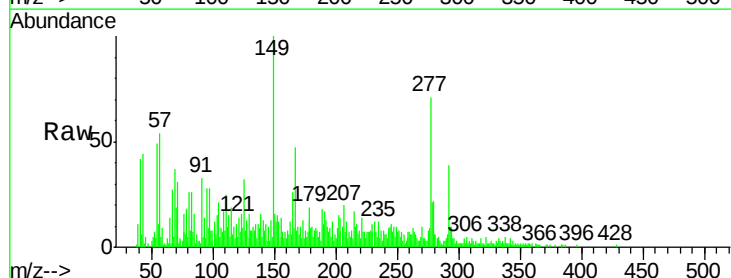
Tgt Ion:149 Resp: 31313

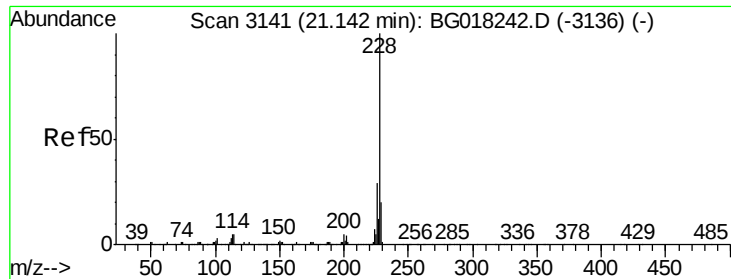
Ion Ratio Lower Upper

149 100

167 47.2 27.4 41.2#

279 22.0 8.3 12.5#

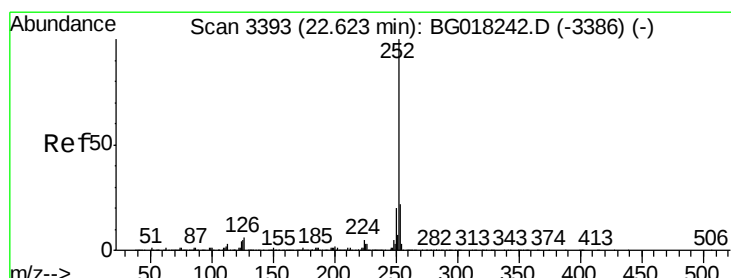
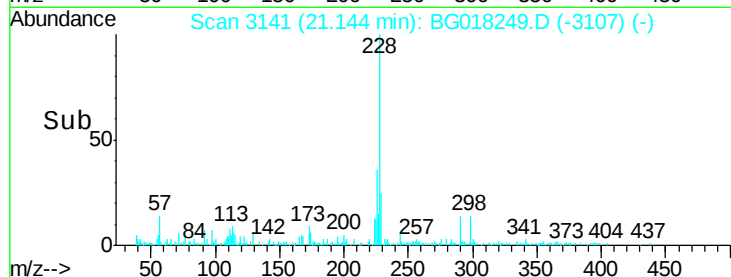
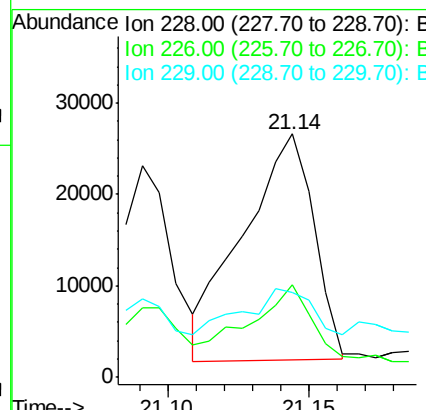
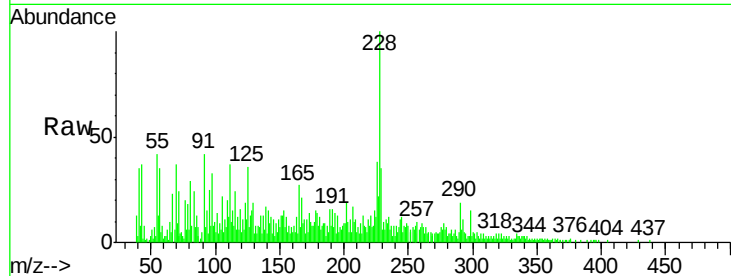




#85
Chrysene
Concen: 7.09 ng/u1
RT: 21.14 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG018249.D
Acq: 3 Aug 2015 19:09

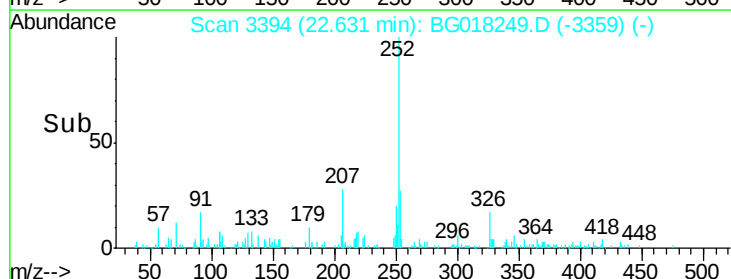
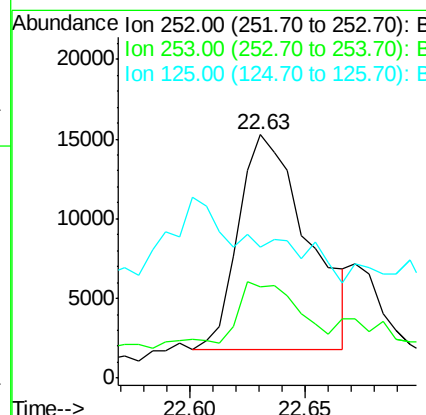
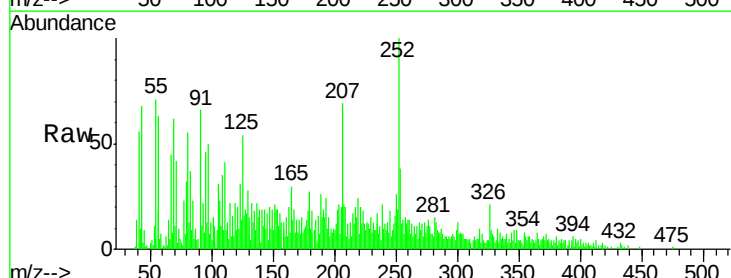
Instrument :
BNA_G
ClientSampleId :
C01W8

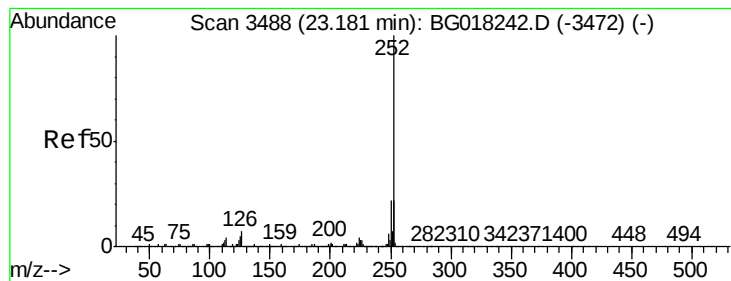
Tgt Ion:228 Resp: 43087
Ion Ratio Lower Upper
228 100
226 38.2 22.7 34.1#
229 35.1 16.2 24.2#



#88
Benzo(b)fluoranthene
Concen: 3.76 ng/u1
RT: 22.63 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BG018249.D
Acq: 3 Aug 2015 19:09

Tgt Ion:252 Resp: 28066
Ion Ratio Lower Upper
252 100
253 37.6 18.5 27.7#
125 53.6 7.4 11.0#





#91

Benzo(a)pyrene

Concen: 2.52 ng/ul

RT: 23.19 min Scan# 3489

Delta R.T. 0.01 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Instrument :

BNA_G

ClientSampleId :

C01W8

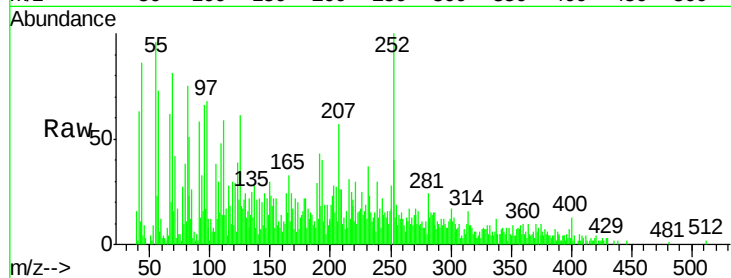
Tgt Ion:252 Resp: 16810

Ion Ratio Lower Upper

252 100

253 40.2 17.4 26.2#

125 61.1 7.3 10.9#



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

