

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
 Data File : BG018222.D
 Acq On : 2 Aug 2015 12:55
 Operator : TP
 Sample : G3065-10RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02A3RE

Quant Time: Aug 03 06:00:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 05:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	90270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	472880	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	318307	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	261831	20.00	ng/ul	0.10
78) Chrysene-d12	21.23	240	1257	20.00	ng/ul	0.12
86) Perylene-d12	23.31	264	548653	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	2156	1.80	ng/uL	0.00
5) Phenol-d5	6.67	99	97028	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	51351	12.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	82326	13.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	75023	11.35	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	44844	12.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	50106	11.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	90865	12.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	31092	3.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	302808	12.31	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	320373	11.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	13087	2.87	ng/ul	0.00
58) Fluorene-d10	15.15	176	224176	10.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	147	0.08	ng/ul	0.09
71) Anthracene-d10	17.01	188	261426	22.96	ng/ul	0.00
79) Pyrene-d10	19.44	212	312	5.13	ng/ul	0.12
90) Benzo(a)pyrene-d12	23.17	264	291510	10.51	ng/ul	0.02

Target Compounds

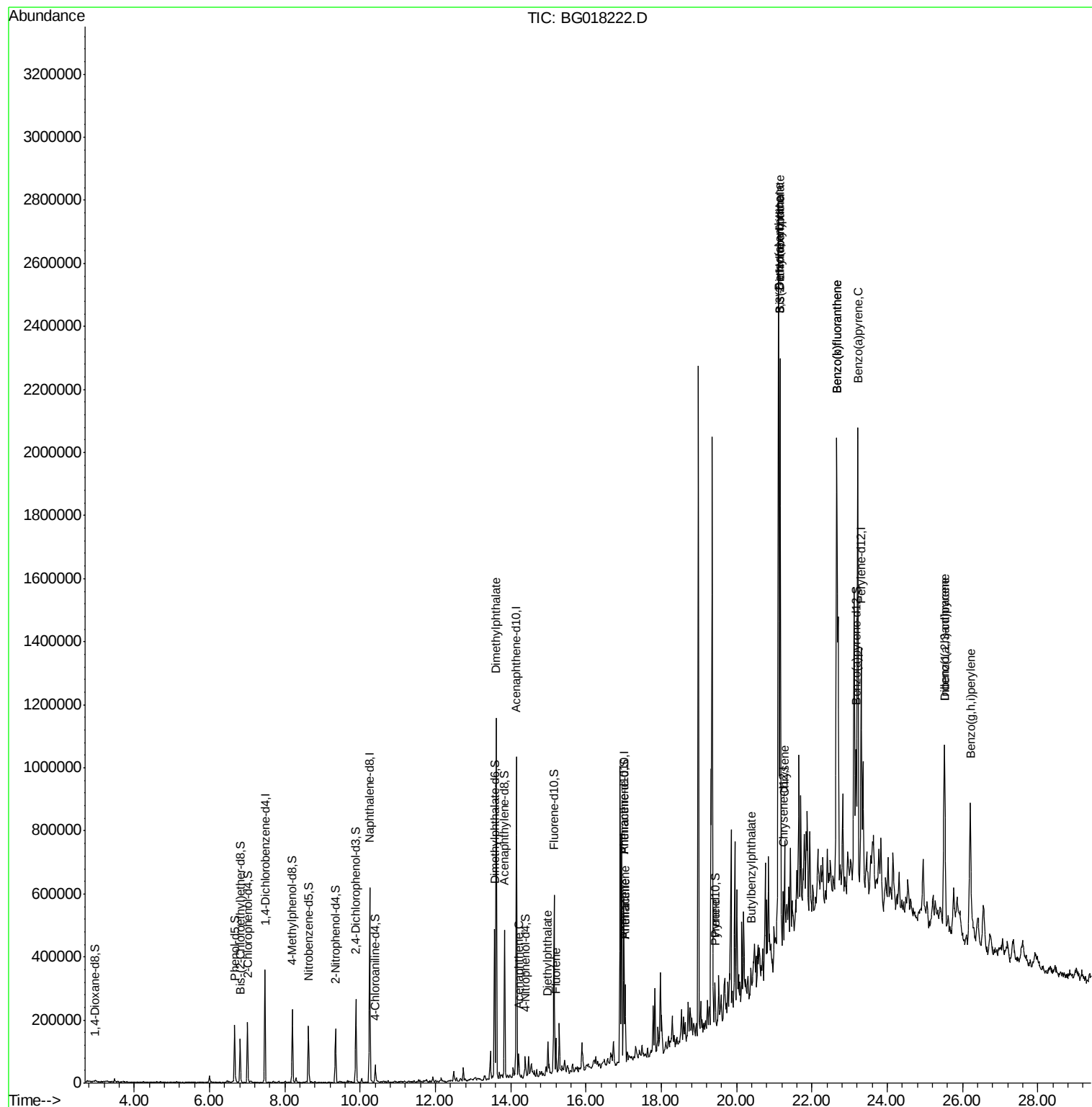
						Qvalue
45) Dimethylphthalate	13.62	163	661027	27.01	ng/ul	99
50) Acenaphthene	14.22	153	25971	1.41	ng/ul	91
57) Diethylphthalate	14.99	149	51394	2.03	ng/ul	99
59) Fluorene	15.20	166	37629	1.57	ng/ul	98
70) Phenanthrene	17.04	178	140980	10.60	ng/ul	99
72) Anthracene	17.04	178	140710	10.63	ng/ul	98
80) Pyrene	19.43	202	8722	114.39	ng/ul#	86
81) Butylbenzylphthalate	20.38	149	142	4.59	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.16	252	7395	278.97	ng/ul#	17
83) Benzo(a)anthracene	21.11	228	980513	14484.69	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.16	149	5200	124.45	ng/ul#	95
85) Chrysene	21.27	228	104838	1690.75	ng/ul#	52
88) Benzo(b)fluoranthene	22.66	252	1323346	40.15	ng/ul#	95
89) Benzo(k)fluoranthene	22.66	252	1323346	43.69	ng/ul#	94
91) Benzo(a)pyrene	23.22	252	985859	33.43	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.53	276	596031	17.47	ng/ul#	86
93) Dibenzo(a,h)anthracene	25.52	278	204753	7.01	ng/ul#	88
94) Benzo(g,h,i)perylene	26.21	276	569420	20.44	ng/ul#	90

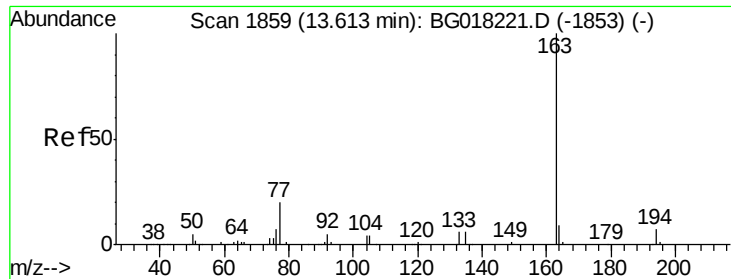
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018222.D
Acq On : 2 Aug 2015 12:55
Operator : TP
Sample : G3065-10RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02A3RE

Quant Time: Aug 03 06:00:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

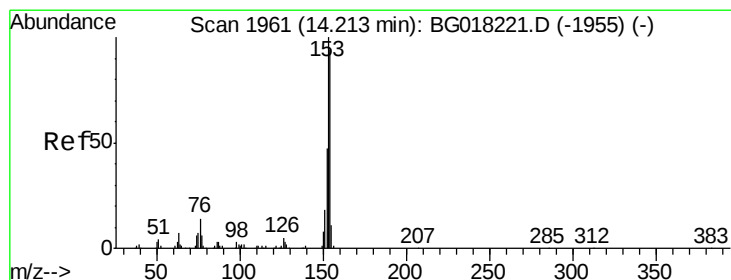
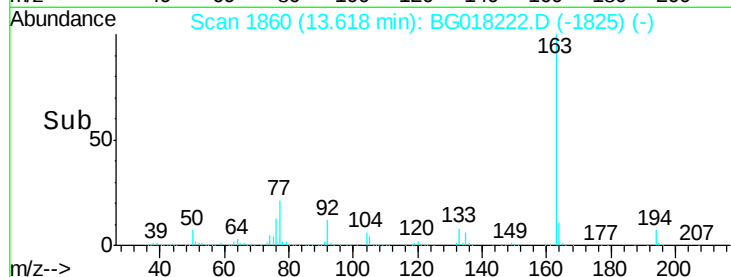
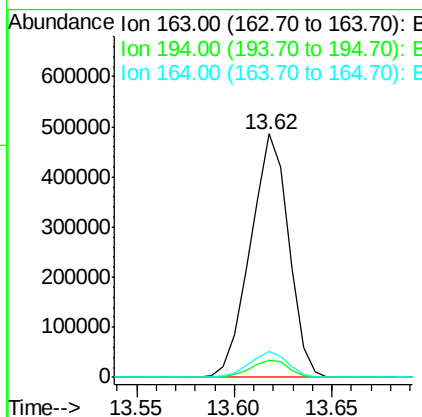
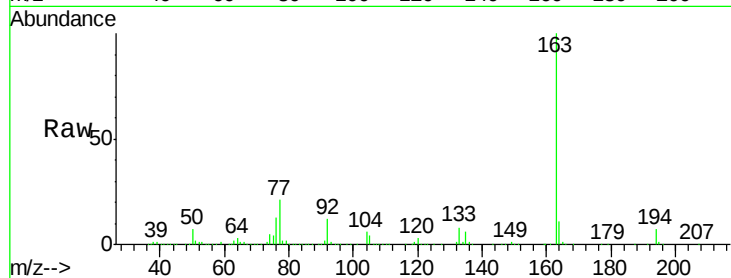




#45
Dimethylphthalate
Concen: 27.01 ng/ul
RT: 13.62 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG018222.D
Acq: 2 Aug 2015 12:55

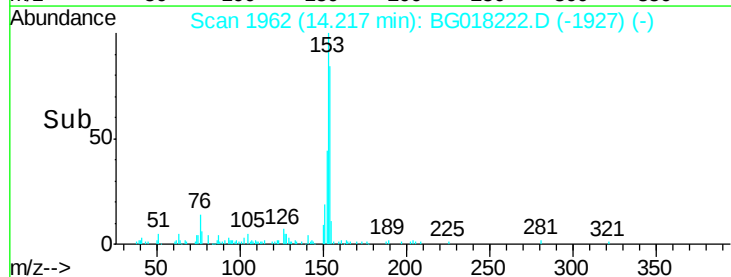
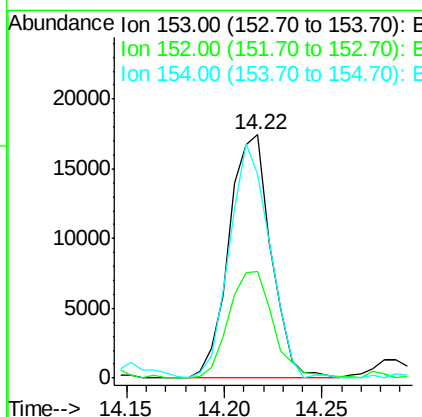
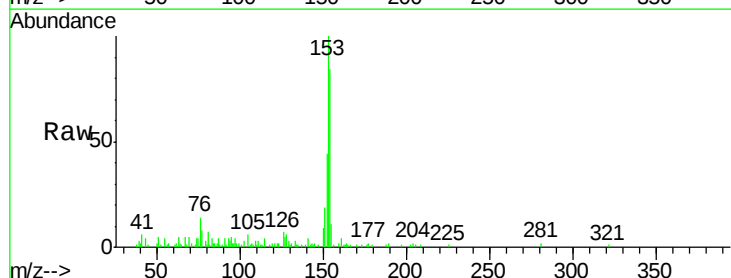
Instrument :
BNA_G
ClientSampleId :
C02A3RE

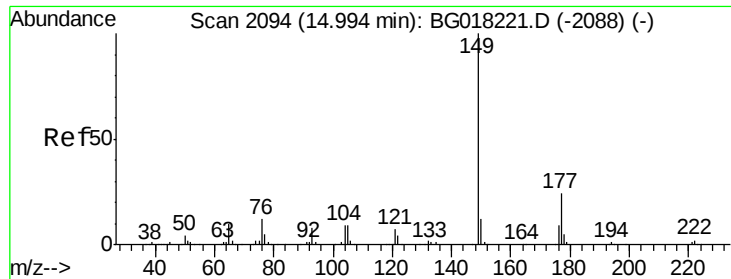
Tgt Ion:163 Resp: 661027
Ion Ratio Lower Upper
163 100
194 7.1 5.2 7.8
164 10.6 8.4 12.6



#50
Acenaphthene
Concen: 1.41 ng/ul
RT: 14.22 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG018222.D
Acq: 2 Aug 2015 12:55

Tgt Ion:153 Resp: 25971
Ion Ratio Lower Upper
153 100
152 43.9 38.7 58.1
154 84.0 74.8 112.2





#57

Diethylphthalate

Concen: 2.03 ng/ul

RT: 14.99 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

ClientSampled :

C02A3RE

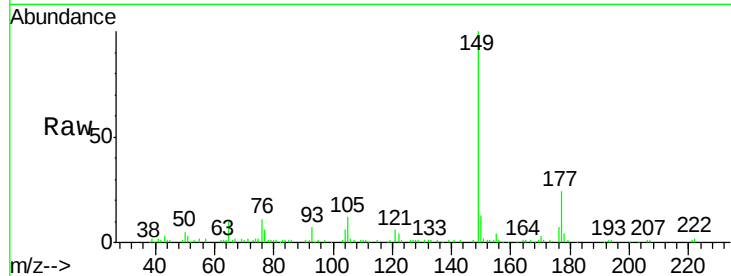
Tgt Ion:149 Resp: 51394

Ion Ratio Lower Upper

149 100

177 24.4 20.1 30.1

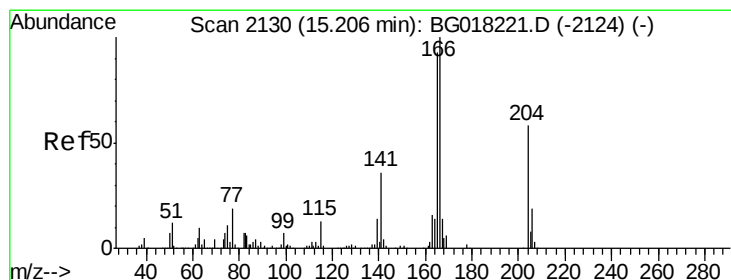
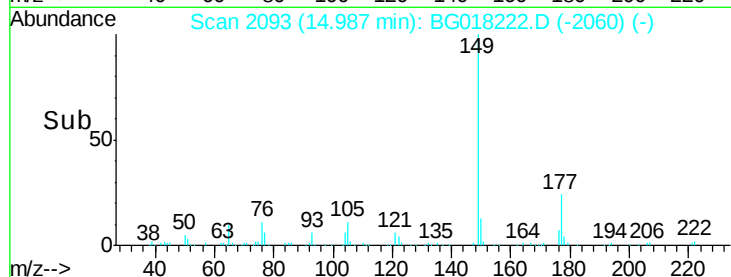
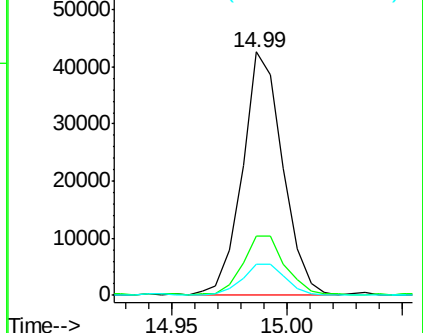
150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 1.57 ng/ul

RT: 15.20 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

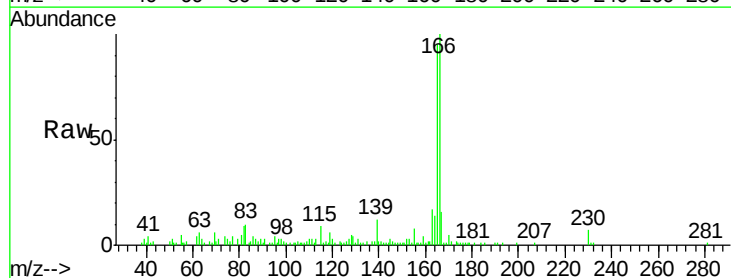
Tgt Ion:166 Resp: 37629

Ion Ratio Lower Upper

166 100

165 95.3 75.1 112.7

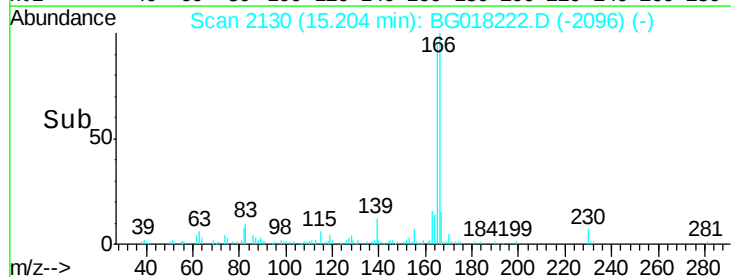
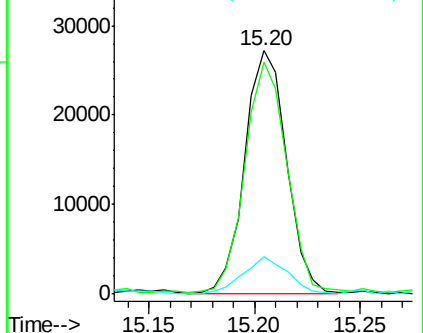
167 15.7 11.8 17.6

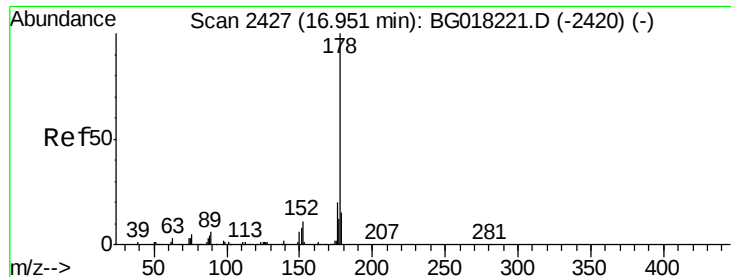


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

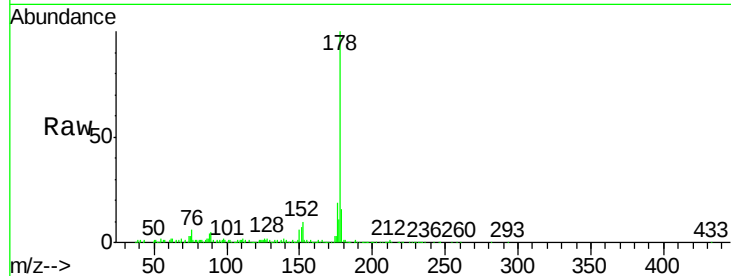




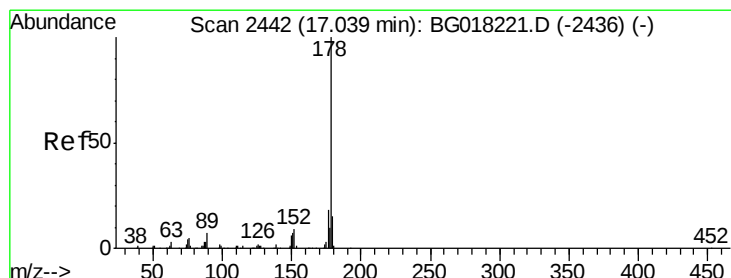
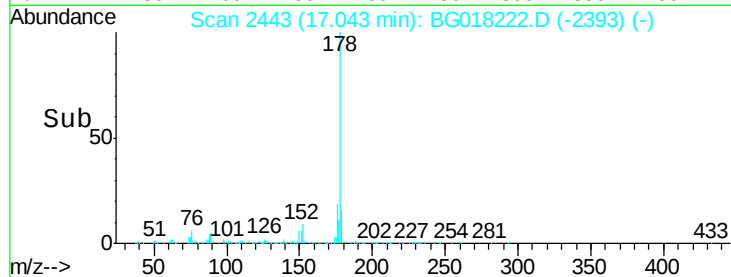
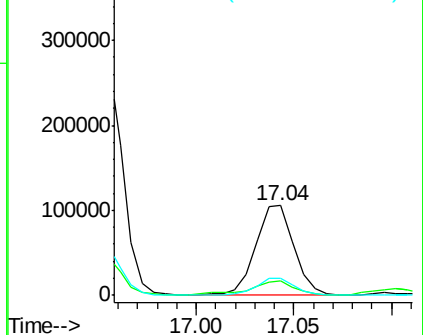
#70
Phenanthrene
Concen: 10.60 ng/ul
RT: 17.04 min Scan# 2443
Delta R.T. 0.09 min
Lab File: BG018222.D
Acq: 2 Aug 2015 12:55

Instrument :
BNA_G
ClientSampleId :
C02A3RE

Tgt Ion:178 Resp: 140980
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.3 16.0 24.0

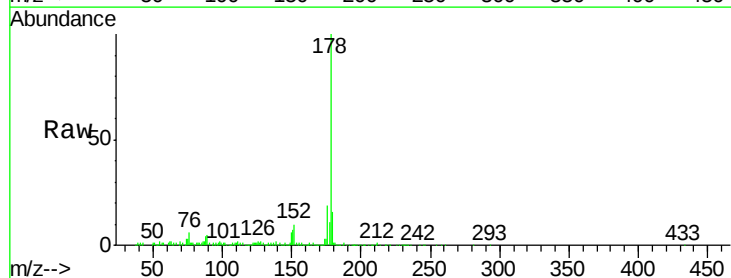


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

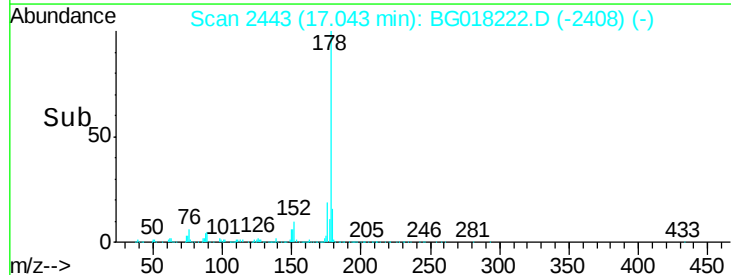
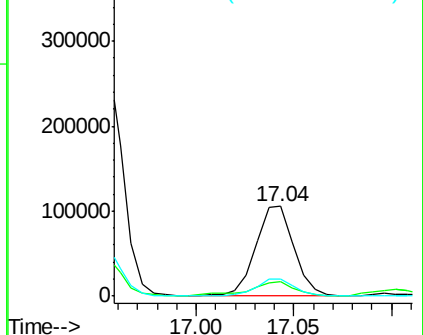


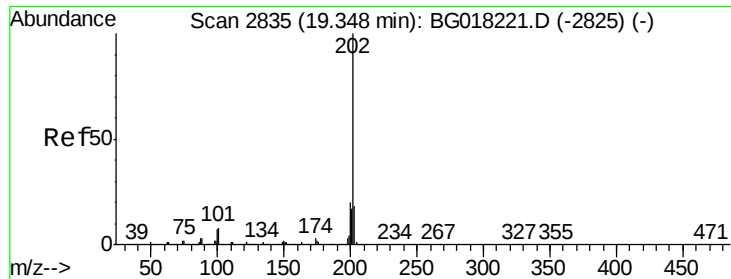
#72
Anthracene
Concen: 10.63 ng/ul
RT: 17.04 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG018222.D
Acq: 2 Aug 2015 12:55

Tgt Ion:178 Resp: 140710
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 19.3 14.8 22.2



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





#80

Pyrene

Concen: 114.39 ng/ul

RT: 19.43 min Scan# 2849

Delta R.T. 0.08 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

ClientSampleId :

C02A3RE

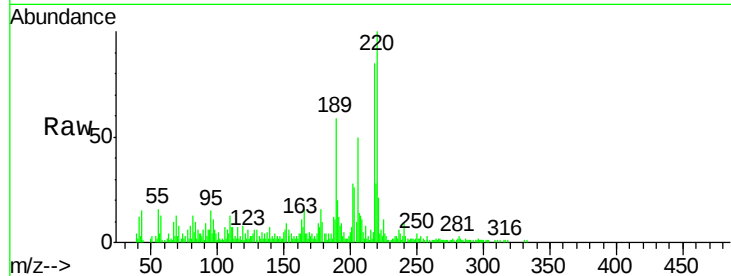
Tgt Ion:202 Resp: 8722

Ion Ratio Lower Upper

202 100

101 16.4 8.1 12.1#

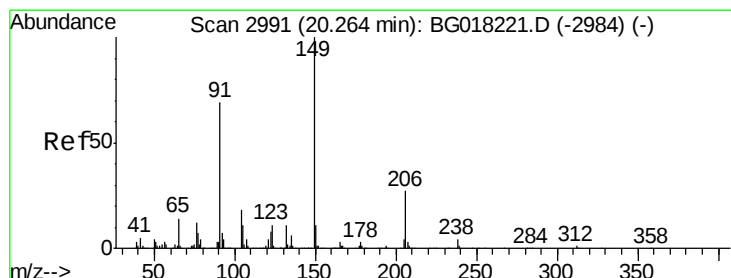
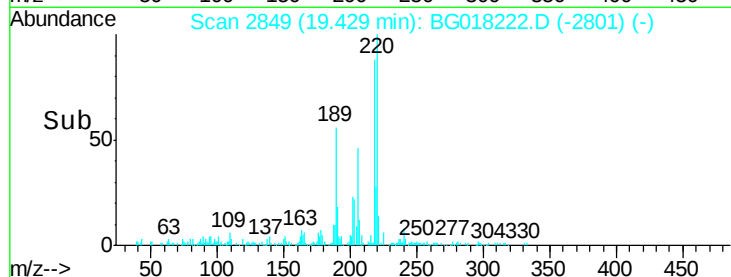
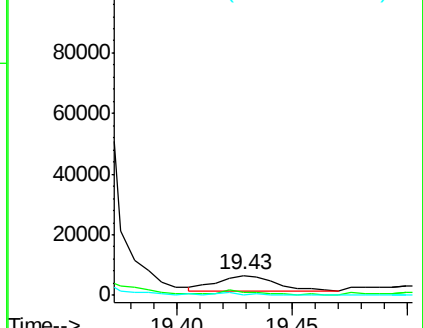
100 5.3 7.4 11.0#



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



#81

Butylbenzylphthalate

Concen: 4.59 ng/ul

RT: 20.38 min Scan# 3011

Delta R.T. 0.12 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

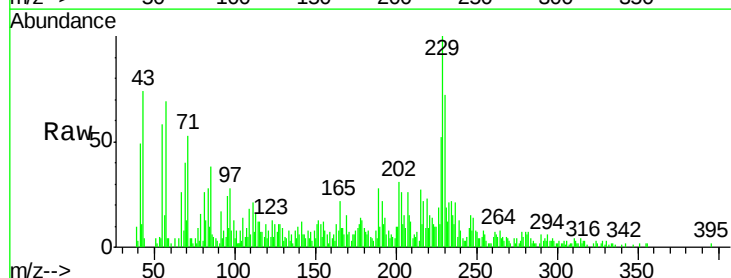
Tgt Ion:149 Resp: 142

Ion Ratio Lower Upper

149 100

91 203.0 46.6 69.8#

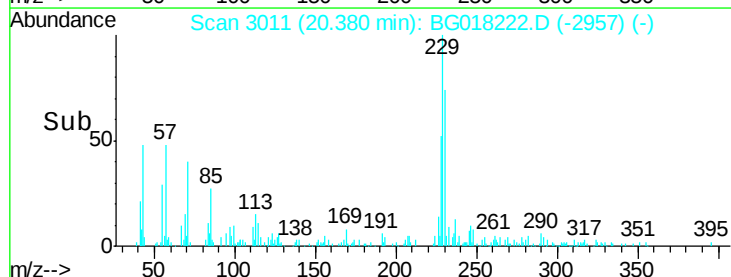
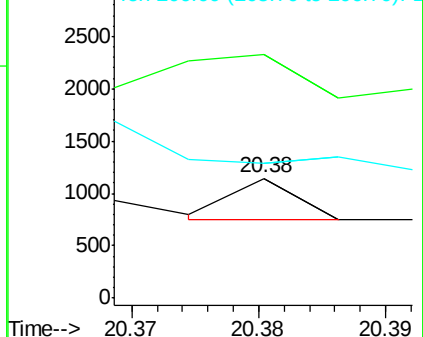
206 112.7 21.8 32.8#

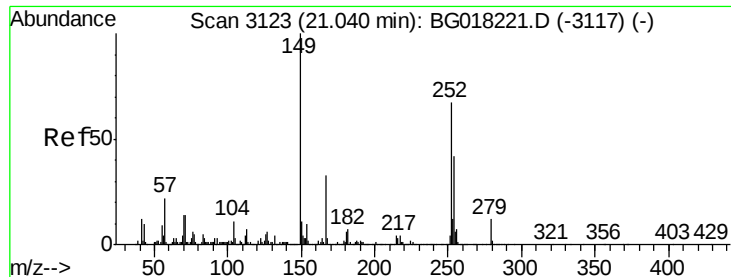


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 278.97 ng/ul

RT: 21.16 min Scan# 3144

Delta R.T. 0.12 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

ClientSampleId :

C02A3RE

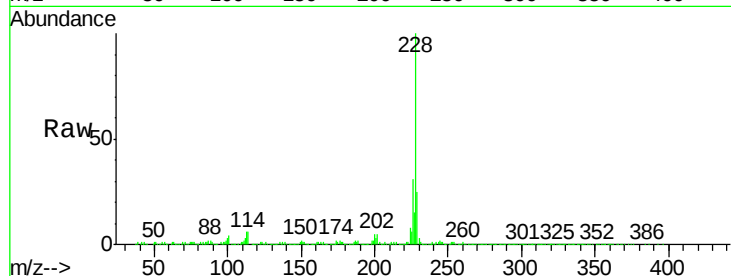
Tgt Ion:252 Resp: 7395

Ion Ratio Lower Upper

252 100

254 104.2 53.4 80.0#

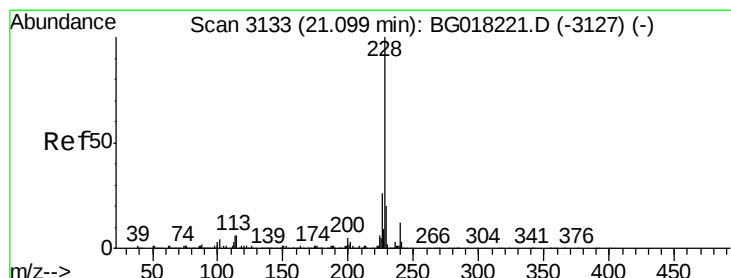
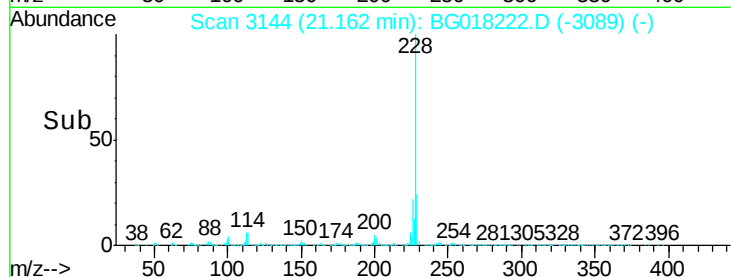
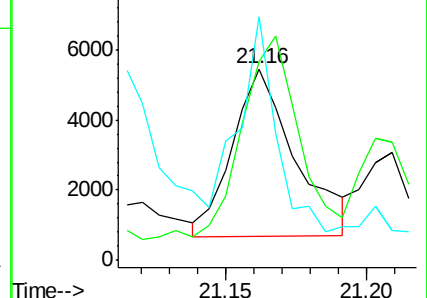
126 127.3 8.7 13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 14484.69 ng/ul

RT: 21.11 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

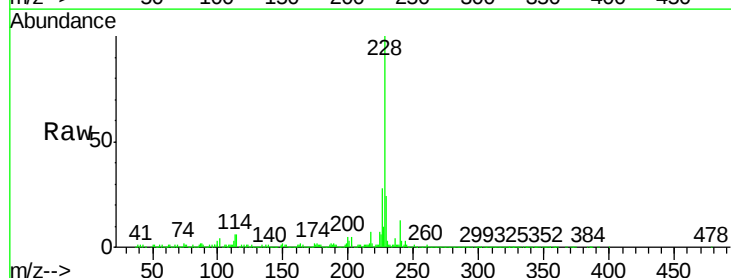
Tgt Ion:228 Resp: 980513

Ion Ratio Lower Upper

228 100

229 24.4 16.5 24.7

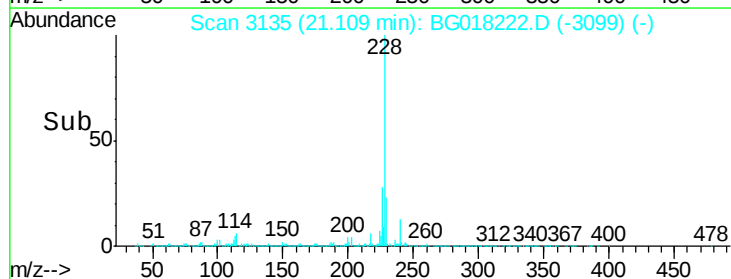
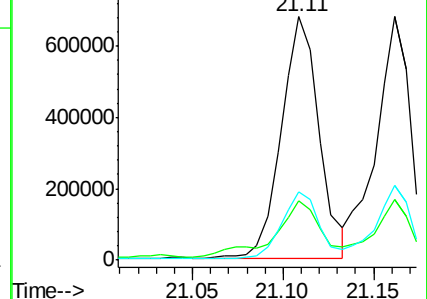
226 28.0 21.5 32.3

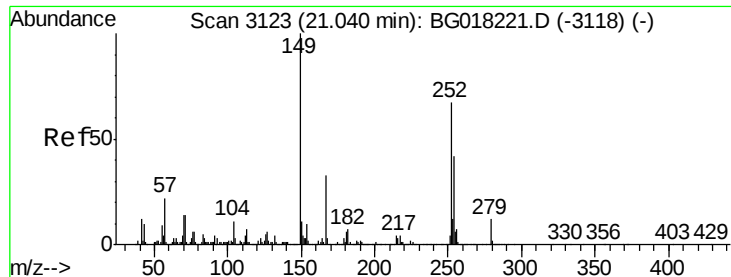


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 124.45 ng/ul

RT: 21.16 min Scan# 3144

Delta R.T. 0.12 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

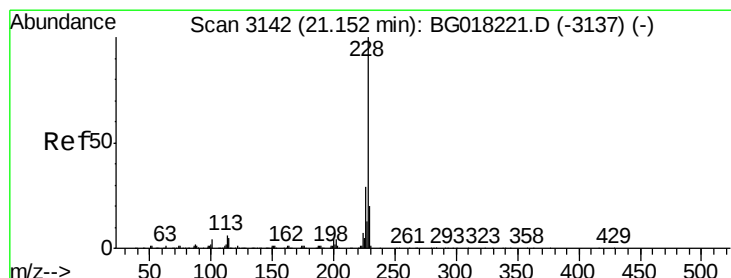
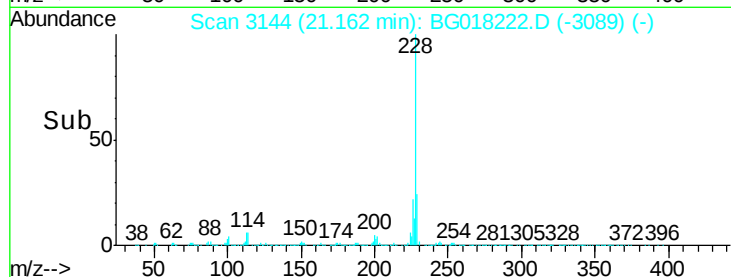
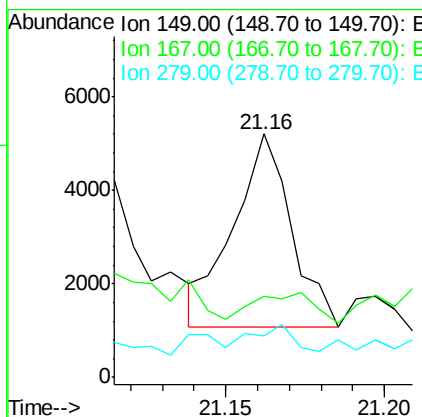
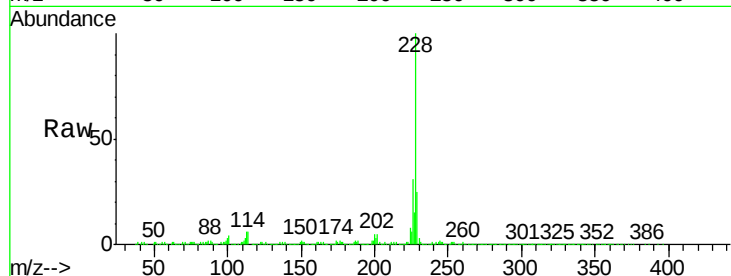
Instrument :

BNA_G

ClientSampleId :

C02A3RE

Tgt Ion:	149	Resp:	5200
Ion Ratio	Lower	Upper	
149	100		
167	33.3	27.4	41.2
279	16.8	8.3	12.5#



#85

Chrysene

Concen: 1690.75 ng/ul

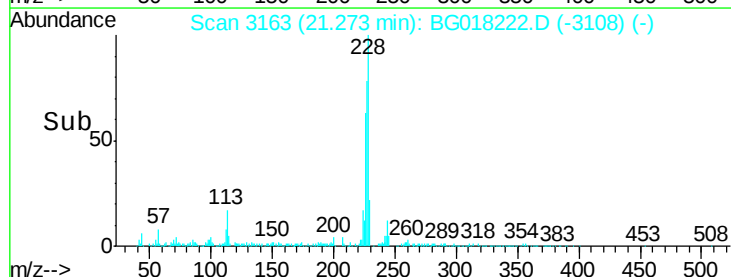
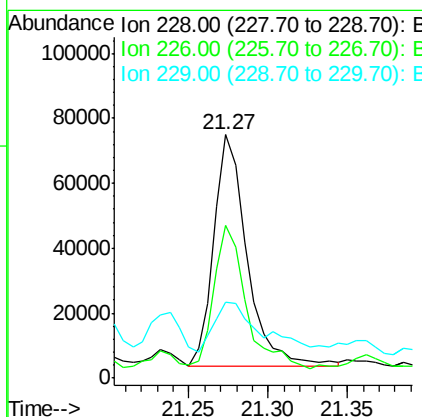
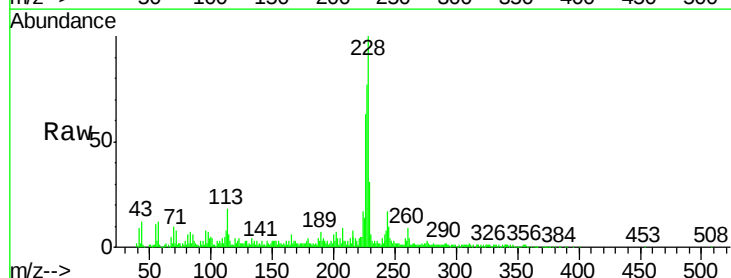
RT: 21.27 min Scan# 3163

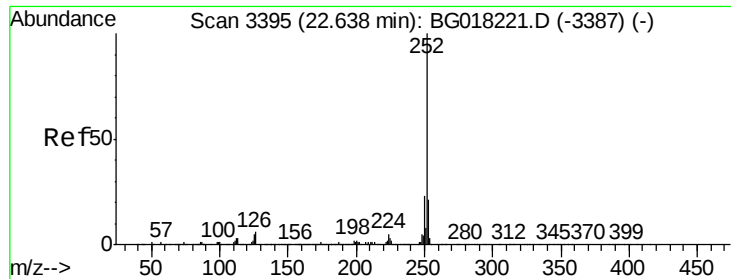
Delta R.T. 0.12 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Tgt Ion:	228	Resp:	104838
Ion Ratio	Lower	Upper	
228	100		
226	62.9	22.7	34.1#
229	31.4	16.2	24.2#





#88

Benzo(b)fluoranthene

Concen: 40.15 ng/ul

RT: 22.66 min Scan# 3399

Delta R.T. 0.02 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

ClientSampleId :

C02A3RE

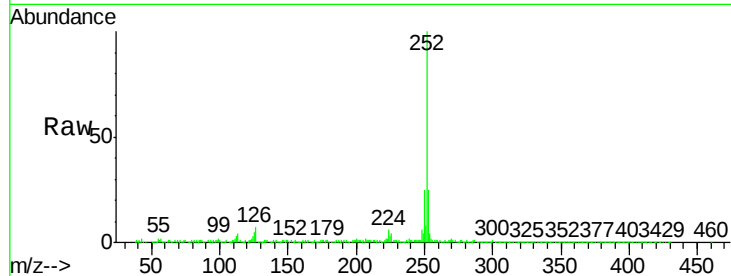
Tgt Ion:252 Resp: 1323346

Ion Ratio Lower Upper

252 100

253 24.7 18.5 27.7

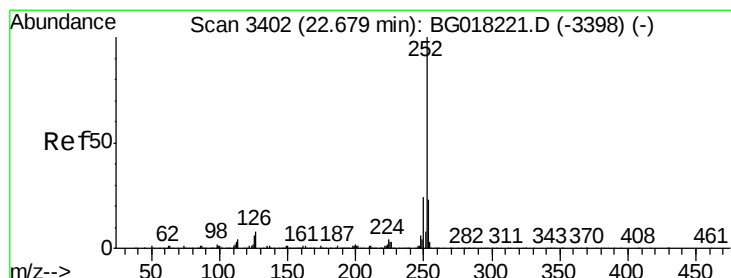
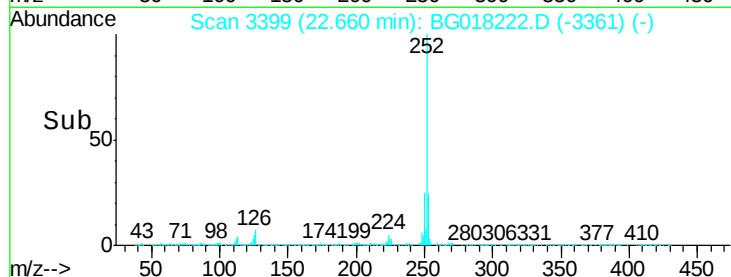
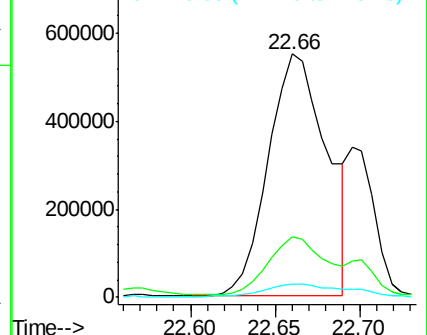
125 5.5 7.4 11.0#



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(k)fluoranthene

Concen: 43.69 ng/ul

RT: 22.66 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

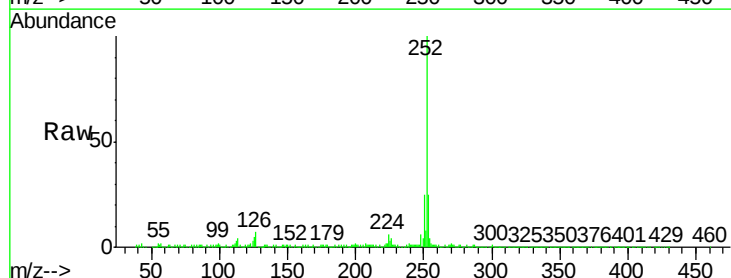
Tgt Ion:252 Resp: 1323346

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.2

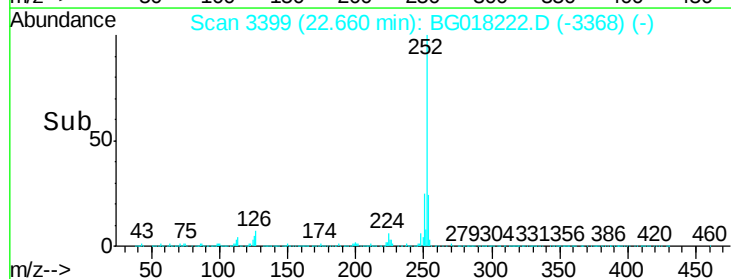
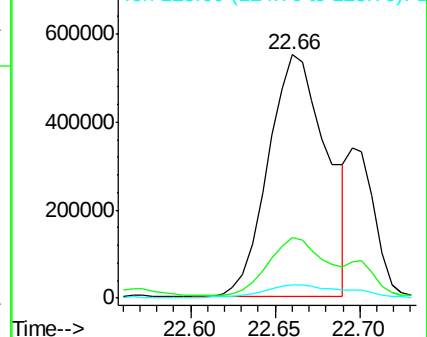
125 5.5 7.5 11.3#

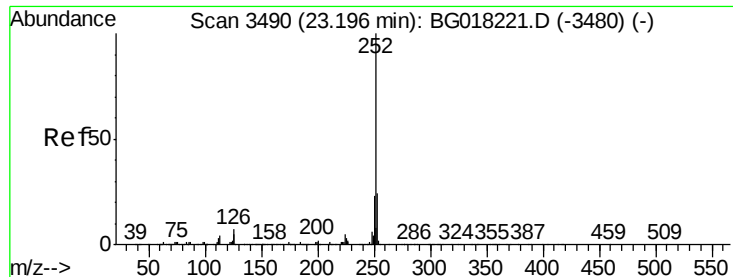


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 33.43 ng/ul

RT: 23.22 min Scan# 3495

Delta R.T. 0.03 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

ClientSampleId :

C02A3RE

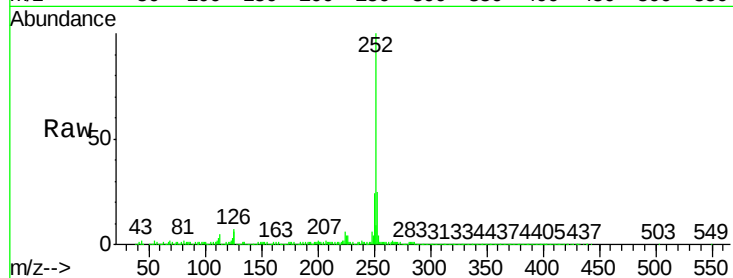
Tgt Ion:252 Resp: 985859

Ion Ratio Lower Upper

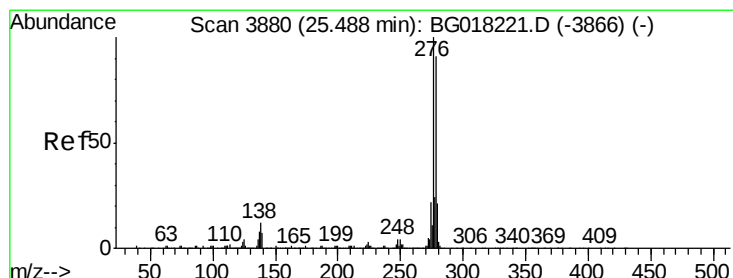
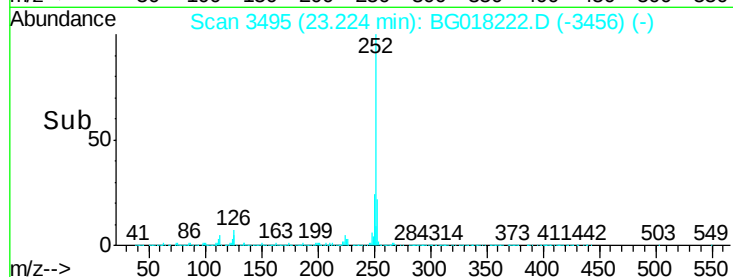
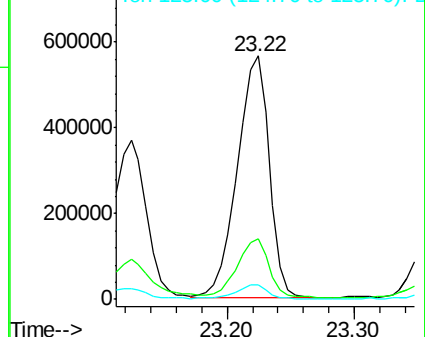
252 100

253 24.7 17.4 26.2

125 5.8 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



#92

Indeno(1,2,3-cd)pyrene

Concen: 17.47 ng/ul

RT: 25.53 min Scan# 3887

Delta R.T. 0.04 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

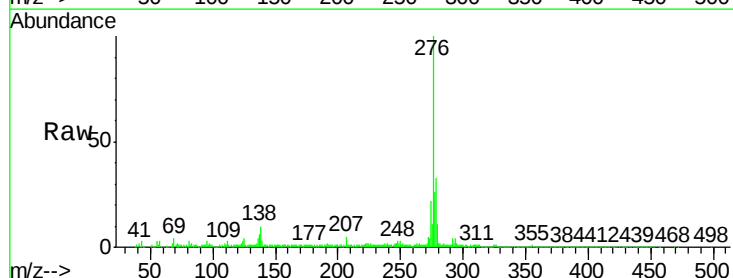
Tgt Ion:276 Resp: 596031

Ion Ratio Lower Upper

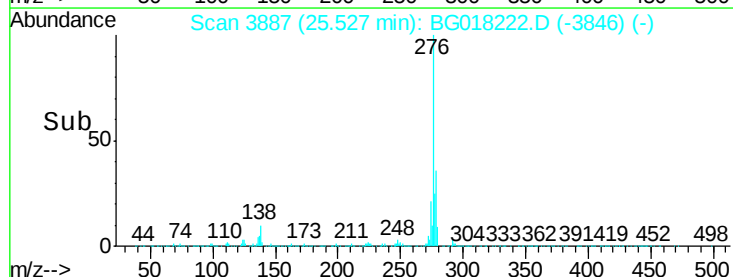
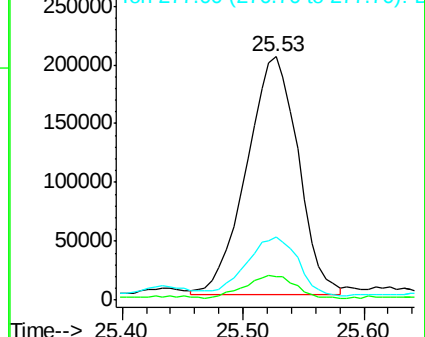
276 100

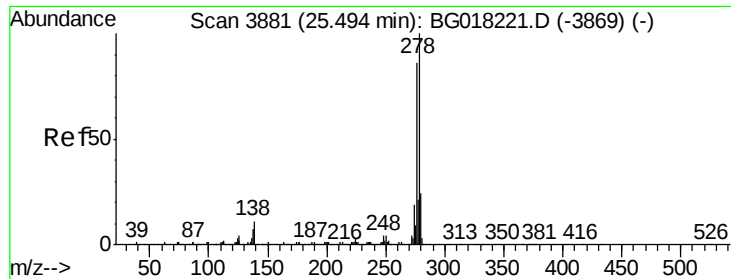
138 9.5 17.2 25.8#

277 26.0 19.5 29.3



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





#93

Dibenzo(a,h)anthracene

Concen: 7.01 ng/ul

RT: 25.52 min Scan# 3886

Delta R.T. 0.03 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

ClientSampleId :

C02A3RE

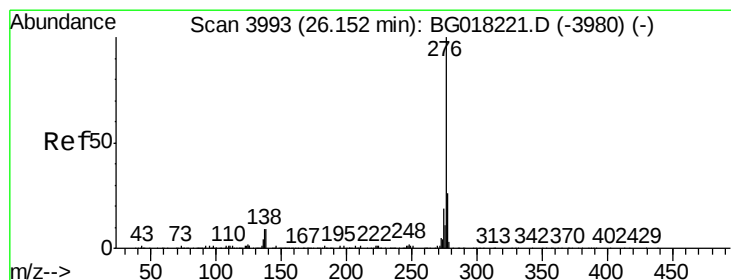
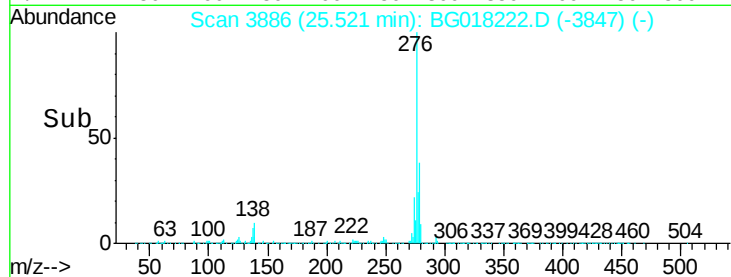
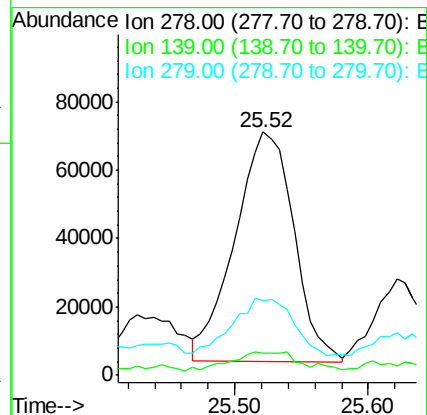
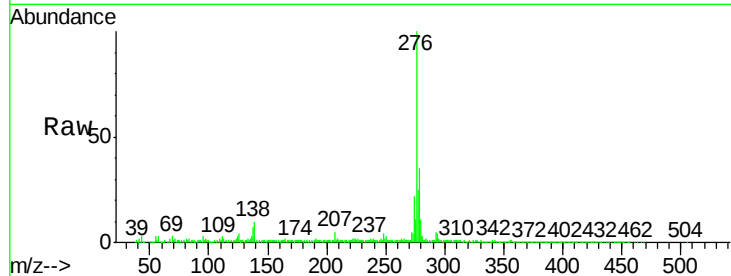
Tgt Ion:278 Resp: 204753

Ion Ratio Lower Upper

278 100

139 9.0 12.2 18.2#

279 30.6 20.0 30.0#



#94

Benzo(g,h,i)perylene

Concen: 20.44 ng/ul

RT: 26.21 min Scan# 4003

Delta R.T. 0.06 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Tgt Ion:276 Resp: 569420

Ion Ratio Lower Upper

276 100

138 9.2 15.1 22.7#

277 24.9 19.8 29.6

