

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023638.D
 Acq On : 12 Aug 2016 1:20
 Operator : UM/SJ
 Sample : H4360-21 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0612-01

Quant Time: Aug 12 04:37:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	169589	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	760483	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	508381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1140077	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1153869	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	1163428	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	2846	0.71	ng/uL	0.00
5) Phenol-d5	7.27	99	64897	3.80	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	97945	8.95	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	75384	6.47	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	38671	2.90	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	56218	9.38	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.01	143	67373	9.79	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	97701	7.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	73602	4.83	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	404658	9.72	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	473529	10.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	69	0.01	ng/ul	-0.02
57) Fluorene-d10	15.78	176	365586	9.51	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	37919	5.18	ng/ul	0.00
70) Anthracene-d10	17.65	188	538727	10.49	ng/ul	-0.01
76) Pyrene-d10	20.19	212	629	0.01	ng/ul	0.24
87) Benzo(a)pyrene-d12	25.05	264	528293	10.03	ng/ul	0.00

Target Compounds

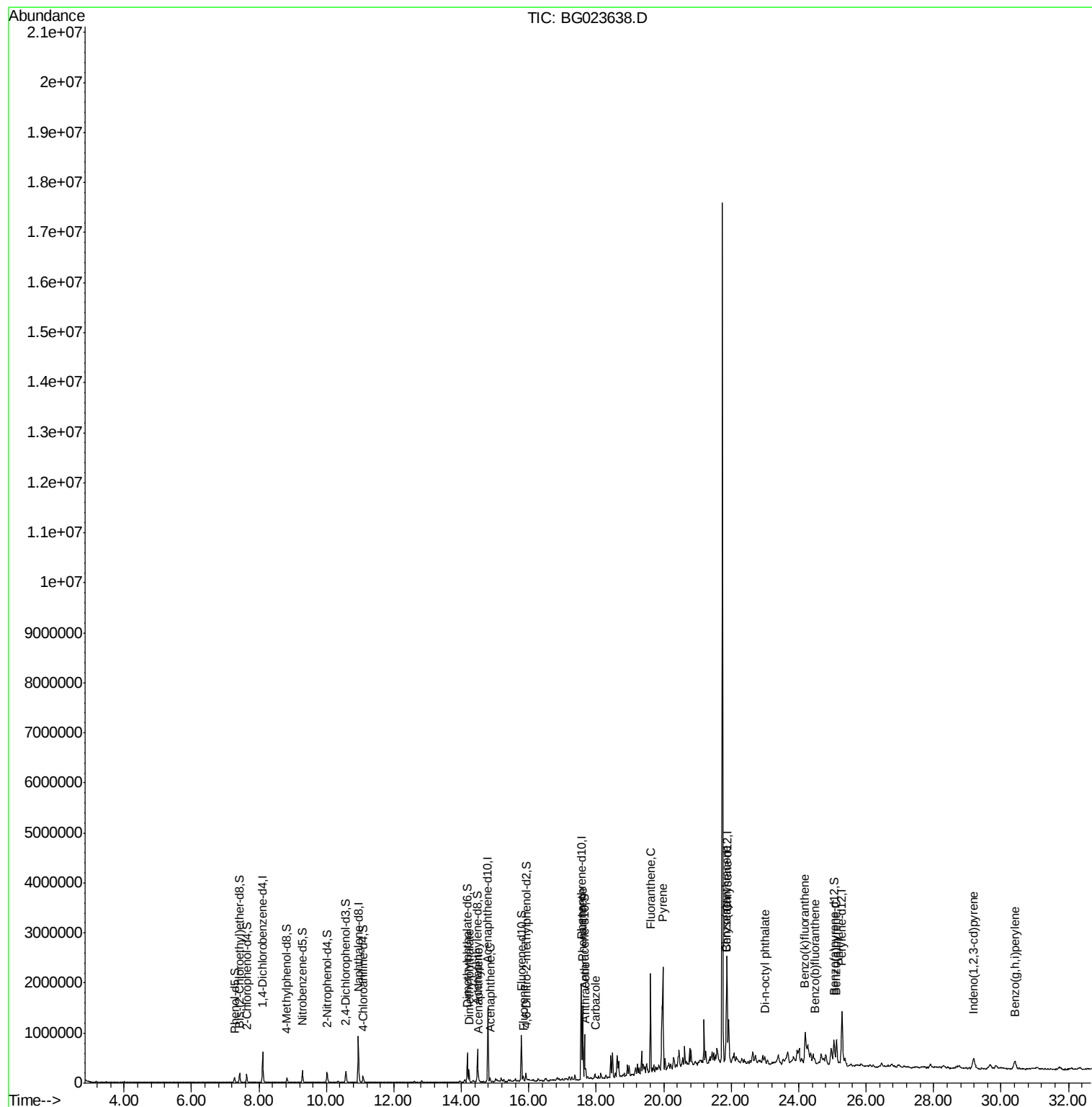
						Qvalue
44) Dimethylphthalate	14.23	163	158575	3.85	ng/ul	96
47) Acenaphthylene	14.52	152	54743	1.12	ng/ul	95
49) Acenaphthene	14.85	153	34470	1.03	ng/ul	98
58) Fluorene	15.84	166	47171	1.14	ng/ul#	91
69) Phenanthrene	17.60	178	906854	15.36	ng/ul	98
71) Anthracene	17.68	178	158282	2.63	ng/ul	95
72) Carbazole	17.96	167	53449	1.10	ng/ul	98
74) Fluoranthene	19.61	202	1158020	19.16	ng/ul#	93
77) Pyrene	19.97	202	1245196	17.46	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	584759	9.00	ng/ul	96
82) Chrysene	21.85	228	587138	9.94	ng/ul	97
84) Di-n-octyl phthalate	23.01	149	86721	1.48	ng/ul	100
85) Benzo(b)fluoranthene	24.47	252	79648	1.20	ng/ul	96
86) Benzo(k)fluoranthene	24.20	252	703535	10.80	ng/ul#	91
88) Benzo(a)pyrene	25.12	252	531935	8.33	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.20	276	262435	3.50	ng/ul#	88
91) Benzo(g,h,i)perylene	30.41	276	315572	5.07	ng/ul#	86

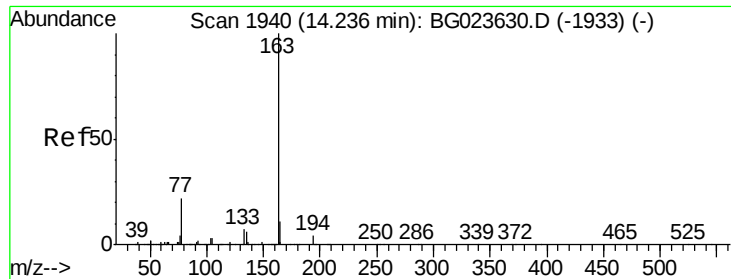
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023638.D
Acq On : 12 Aug 2016 1:20
Operator : UM/SJ
Sample : H4360-21 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0612-01

Quant Time: Aug 12 04:37:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.85 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

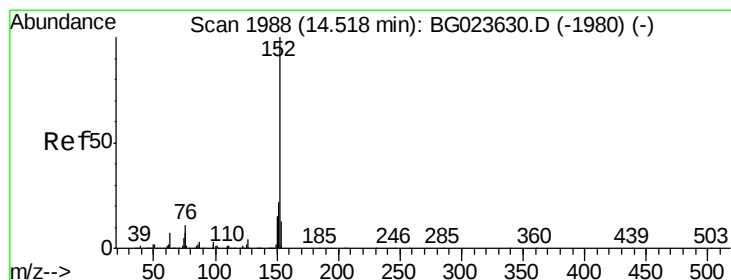
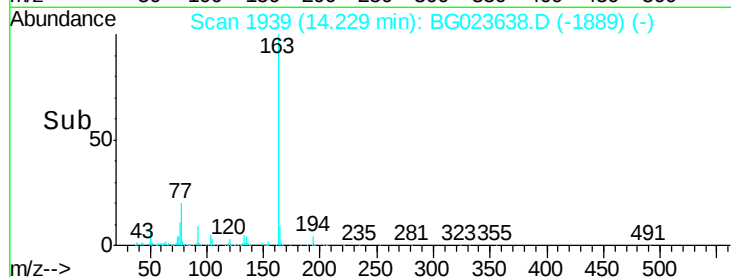
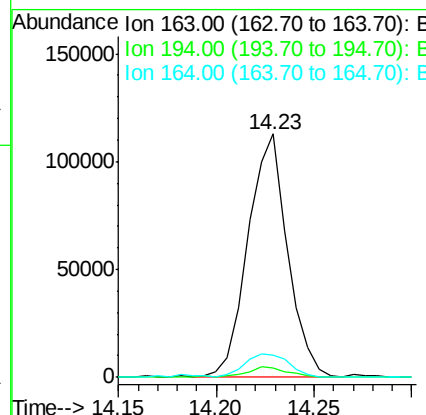
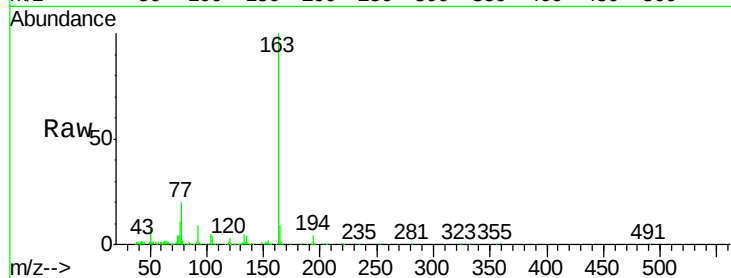
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0612-01

Tgt Ion:	163	Resp:	158575
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.2
164	8.9	8.8	13.2



#47

Acenaphthylene

Concen: 1.12 ng/ul

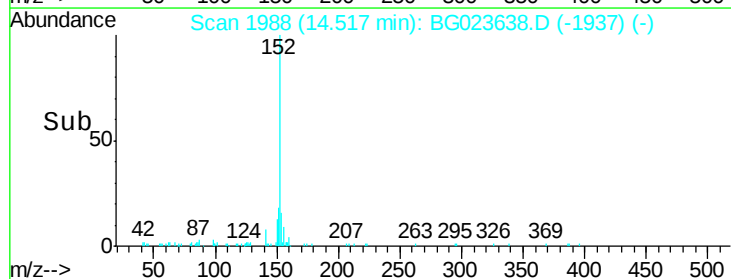
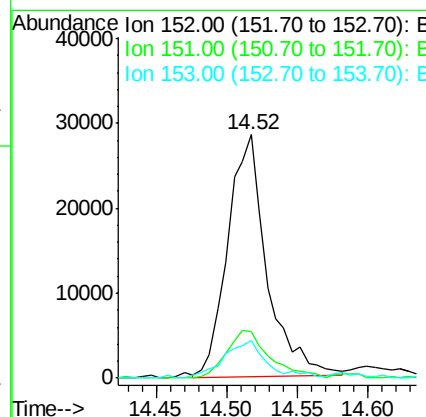
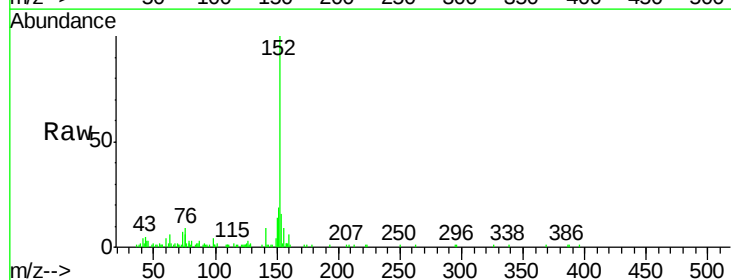
RT: 14.52 min Scan# 1988

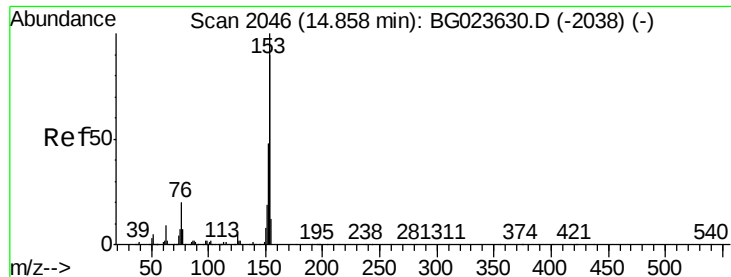
Delta R.T. -0.00 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

Tgt Ion:	152	Resp:	54743
Ion Ratio	Lower	Upper	
152	100		
151	19.0	17.5	26.3
153	15.6	11.1	16.7





#49

Acenaphthene

Concen: 1.03 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0612-01

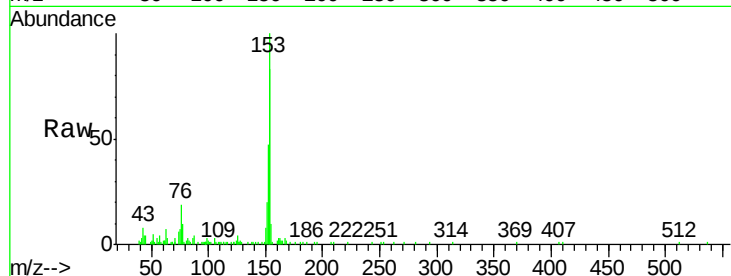
Tgt Ion:153 Resp: 34470

Ion Ratio Lower Upper

153 100

152 47.5 37.3 55.9

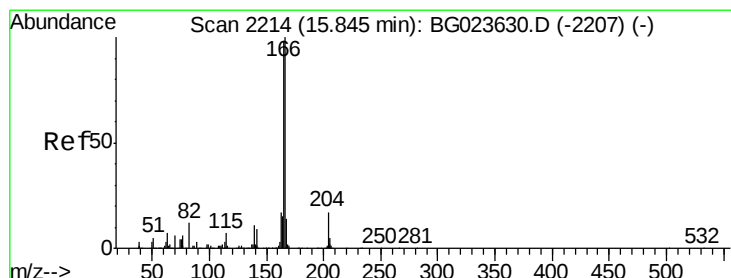
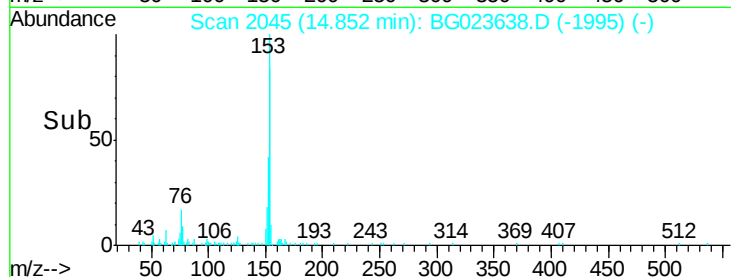
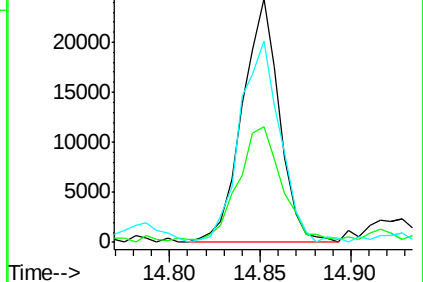
154 82.7 68.2 102.2



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



#58

Fluorene

Concen: 1.14 ng/ul

RT: 15.84 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

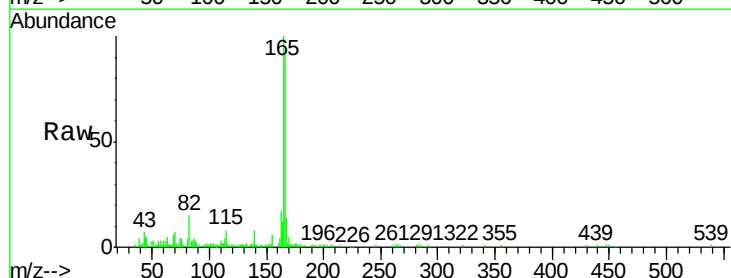
Tgt Ion:166 Resp: 47171

Ion Ratio Lower Upper

166 100

165 110.2 80.3 120.5

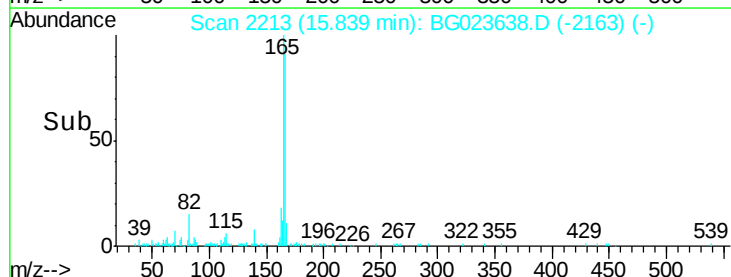
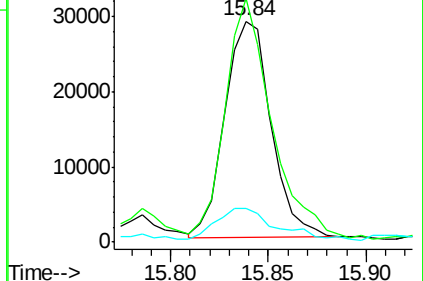
167 15.5 10.3 15.5#

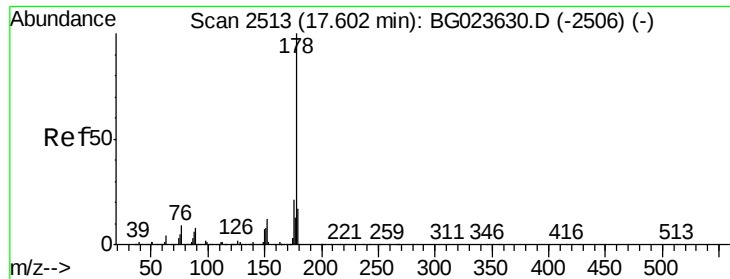


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 15.36 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0612-01

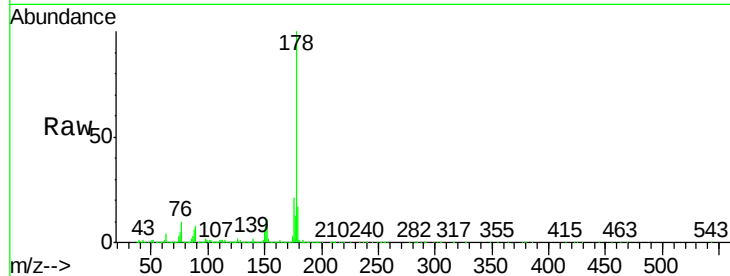
Tgt Ion:178 Resp: 906854

Ion Ratio Lower Upper

178 100

179 16.9 12.9 19.3

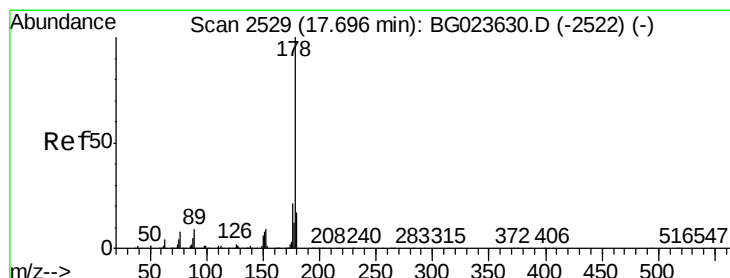
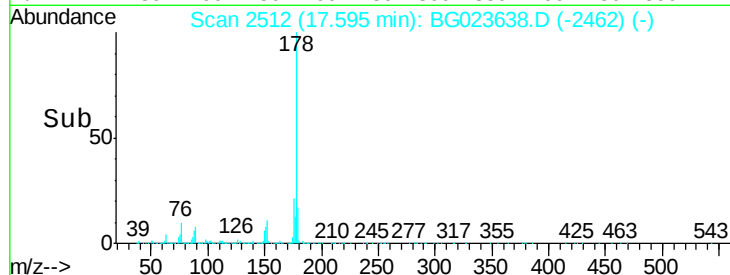
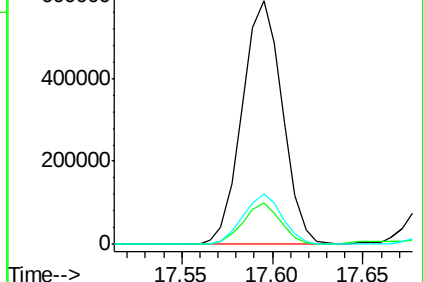
176 20.7 15.8 23.8



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



#71

Anthracene

Concen: 2.63 ng/ul

RT: 17.68 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

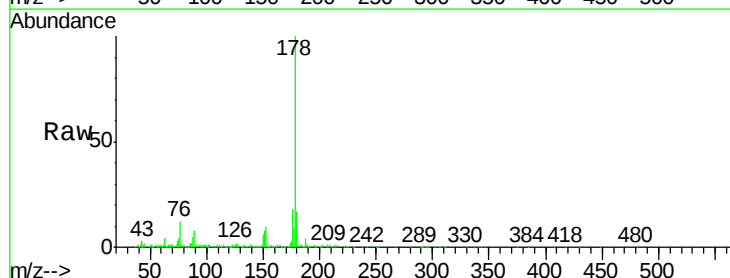
Tgt Ion:178 Resp: 158282

Ion Ratio Lower Upper

178 100

179 17.4 12.3 18.5

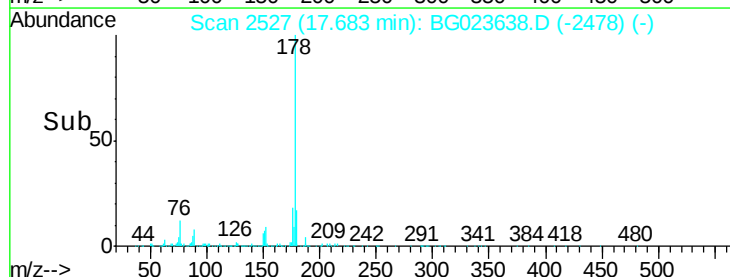
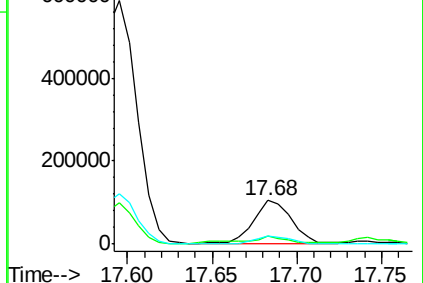
176 17.9 16.3 24.5

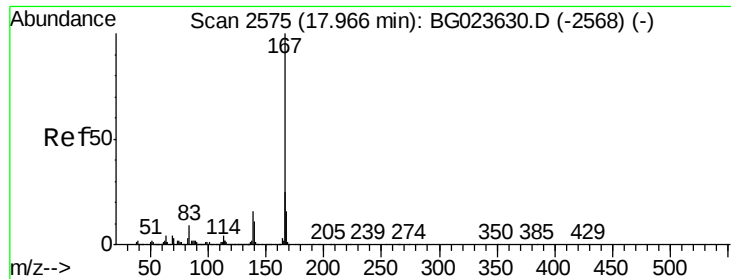


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.10 ng/ul

RT: 17.96 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0612-01

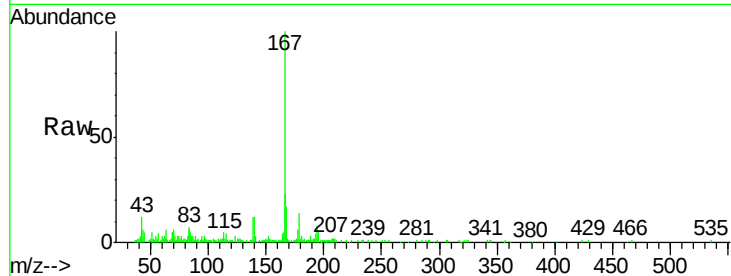
Tgt Ion:167 Resp: 53449

Ion Ratio Lower Upper

167 100

166 23.4 19.2 28.8

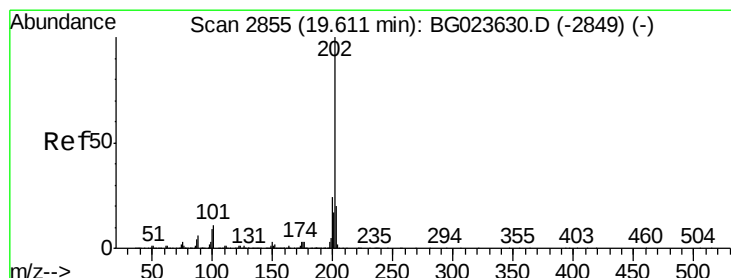
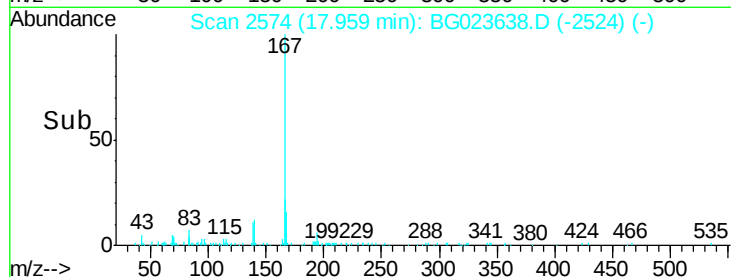
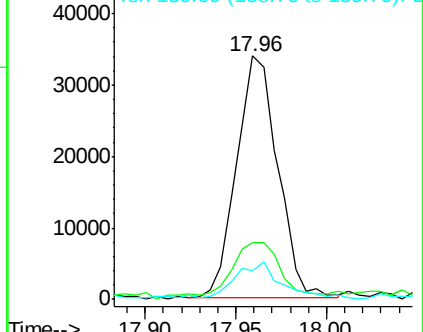
139 11.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 19.16 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

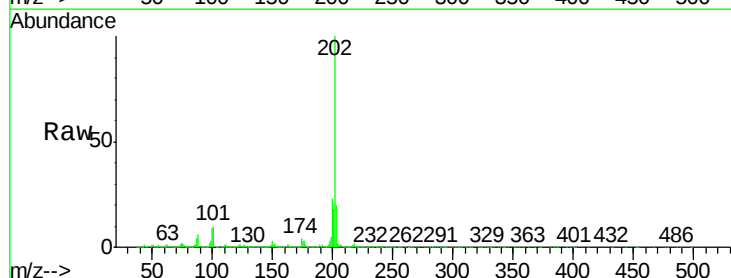
Tgt Ion:202 Resp: 1158020

Ion Ratio Lower Upper

202 100

101 10.2 10.6 16.0#

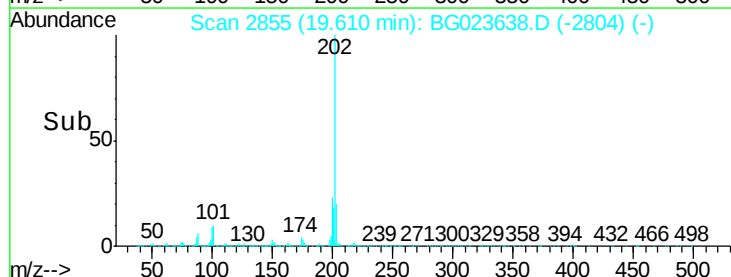
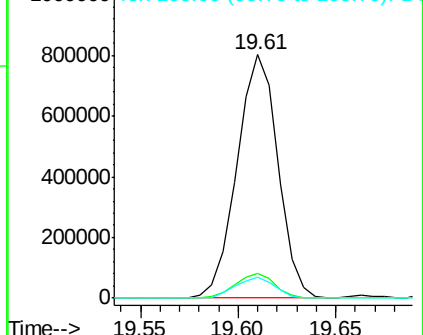
100 8.6 8.7 13.1#

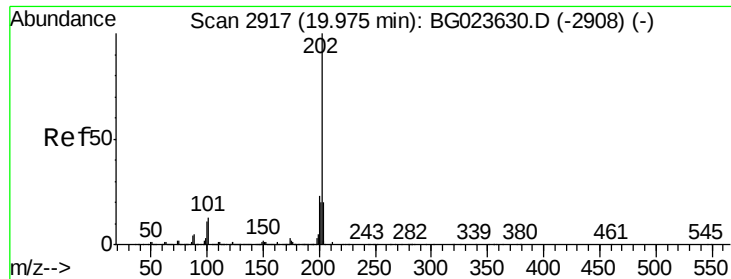


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

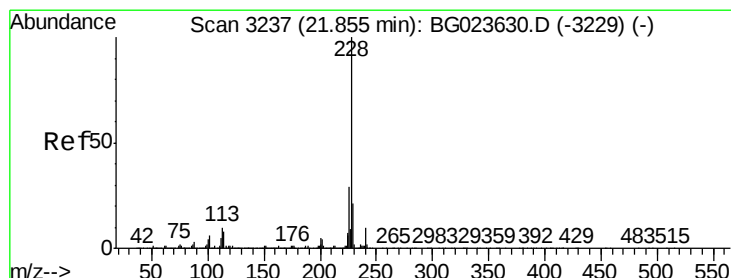
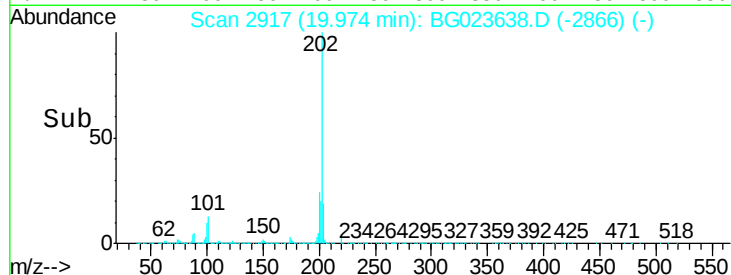
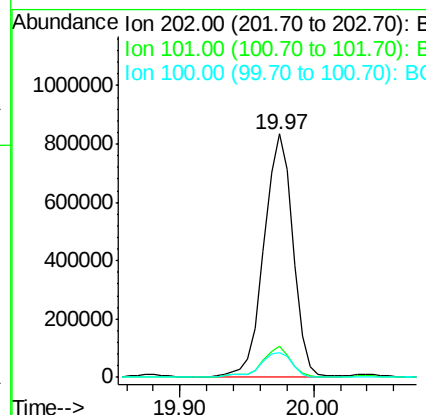
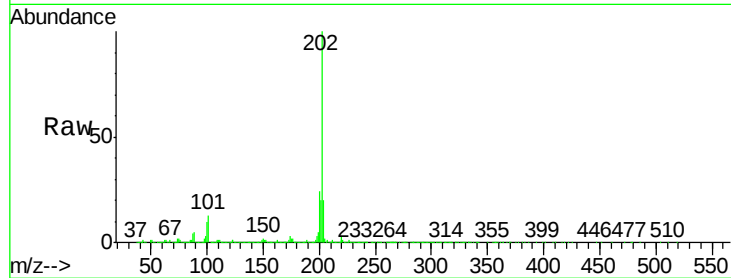




#77
 Pyrene
 Concen: 17.46 ng/ul
 RT: 19.97 min Scan# 2917
 Delta R.T. -0.00 min
 Lab File: BG023638.D
 Acq: 12 Aug 2016 1:20

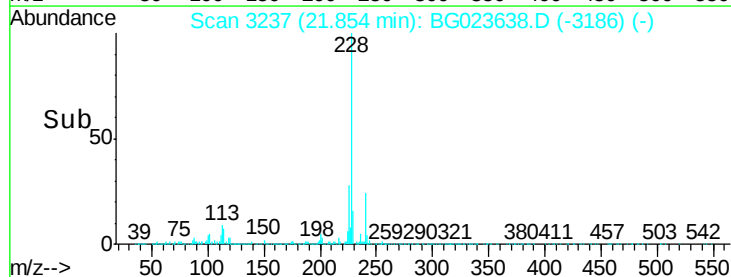
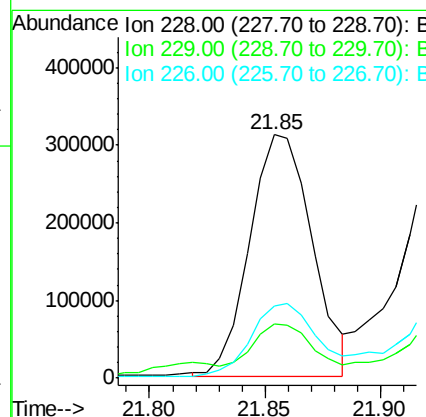
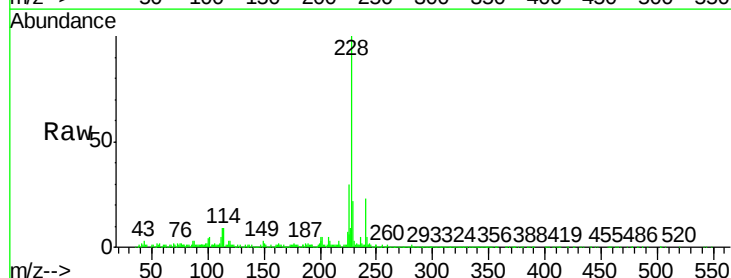
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0612-01

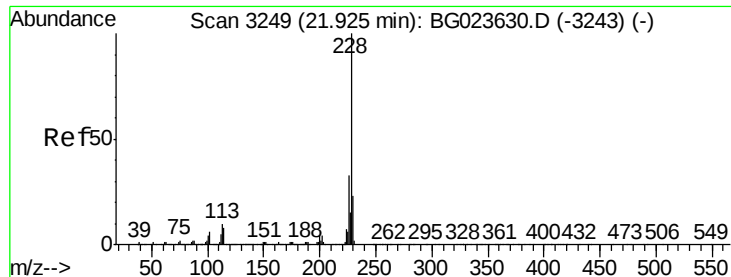
Tgt Ion:202 Resp: 1245196
 Ion Ratio Lower Upper
 202 100
 101 12.6 12.5 18.7
 100 10.0 10.2 15.4#



#80
 Benzo(a)anthracene
 Concen: 9.00 ng/ul
 RT: 21.85 min Scan# 3237
 Delta R.T. -0.00 min
 Lab File: BG023638.D
 Acq: 12 Aug 2016 1:20

Tgt Ion:228 Resp: 584759
 Ion Ratio Lower Upper
 228 100
 229 22.1 15.4 23.2
 226 29.8 22.8 34.2





#82

Chrysene

Concen: 9.94 ng/ul

RT: 21.85 min Scan# 3237

Delta R.T. -0.07 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-0612-01

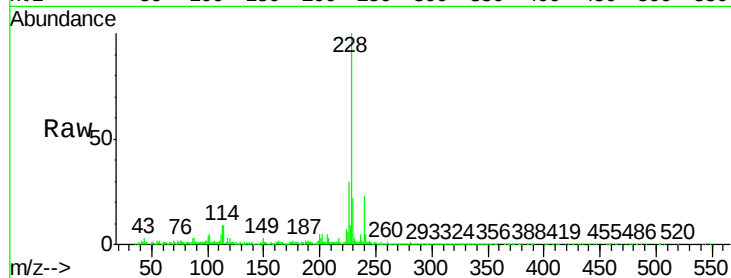
Tgt Ion:228 Resp: 587138

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

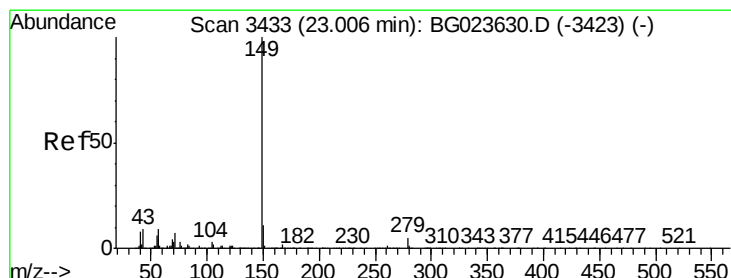
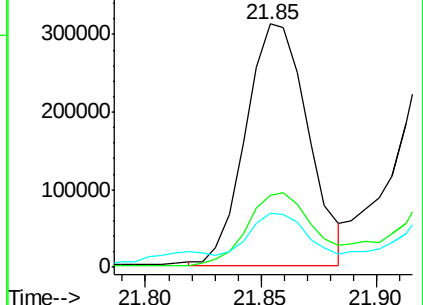
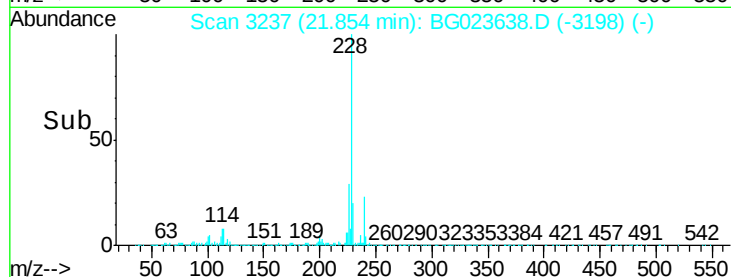
229 22.1 15.0 22.6



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



#84

Di-n-octyl phthalate

Concen: 1.48 ng/ul

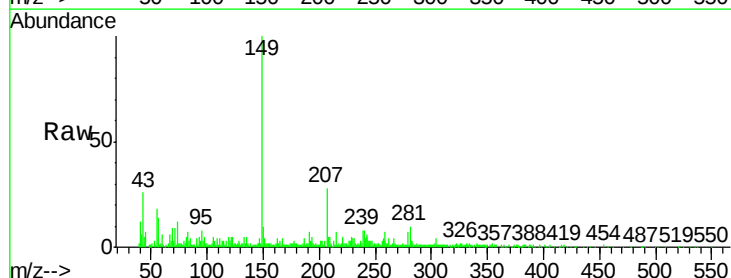
RT: 23.01 min Scan# 3434

Delta R.T. 0.00 min

Lab File: BG023638.D

Acq: 12 Aug 2016 1:20

Tgt Ion:149 Resp: 86721



Abundance Ion 149.00 (148.70 to 149.70): E

