

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
 Data File : BG019490.D
 Acq On : 5 Nov 2015 13:32
 Operator : UM/NP
 Sample : G4273-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN9

Quant Time: Nov 06 02:14:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36549	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	155470	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	124468	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	353761	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	475007	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	452543	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	3489	4.57	ng/uL	0.00
5) Phenol-d5	7.32	99	83299	24.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	62100	29.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	52352	25.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	72069	26.97	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	30371	26.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	33550	24.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	72516	24.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	83444	28.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	284467	27.72	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	312964	27.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	46963	28.81	ng/ul	0.00
58) Fluorene-d10	15.80	176	256790	27.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	55193	24.10	ng/ul	0.00
71) Anthracene-d10	17.65	188	457170	28.35	ng/ul	0.00
79) Pyrene-d10	19.92	212	572446	27.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	656769	28.92	ng/ul	0.00

Target Compounds

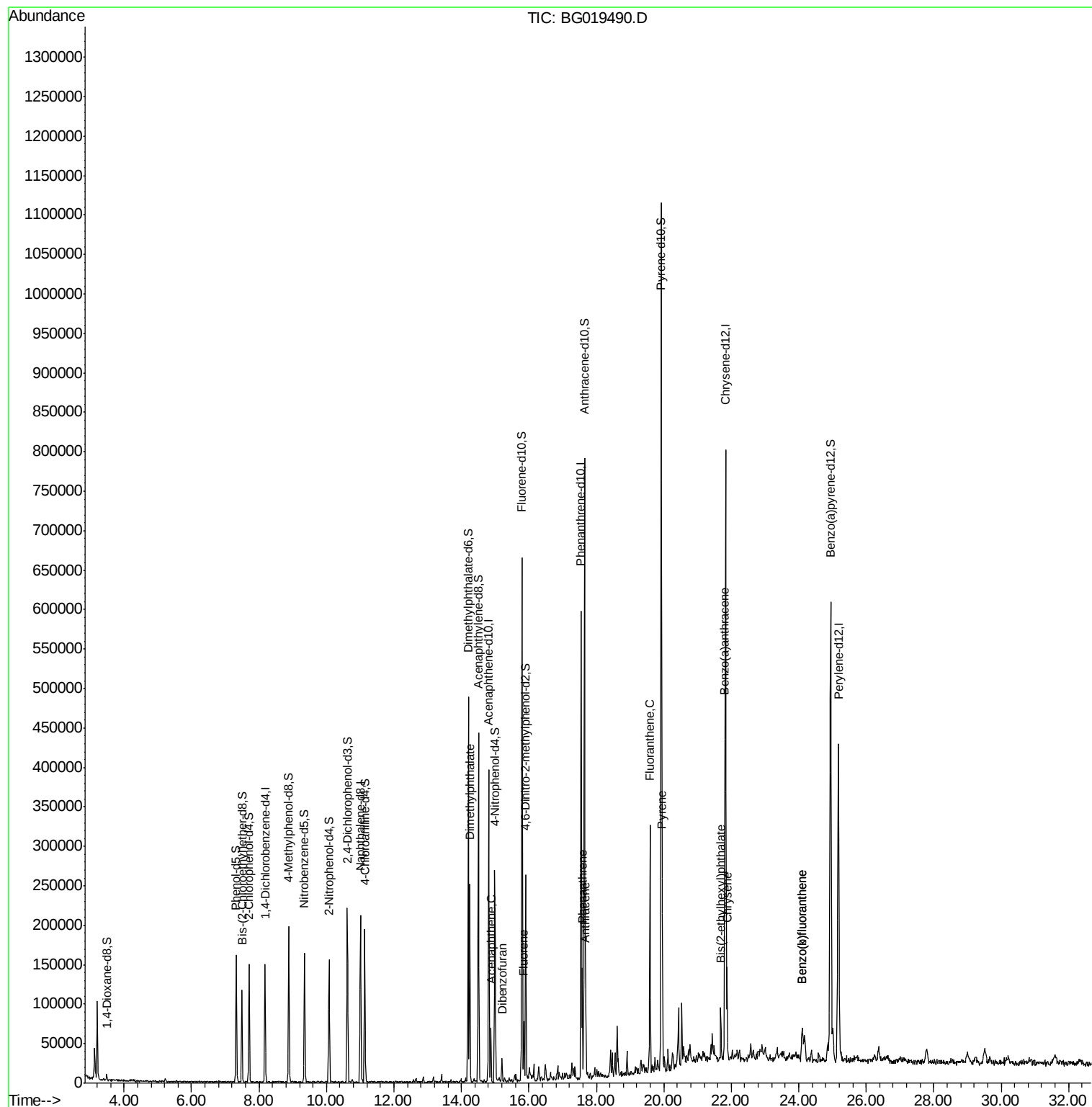
						Qvalue
45) Dimethylphthalate	14.25	163	143875	13.71	ng/ul	96
50) Acenaphthene	14.87	153	27285	3.47	ng/ul	89
54) Dibenzofuran	15.20	168	13710	1.18	ng/ul	88
59) Fluorene	15.85	166	32241	3.19	ng/ul	98
70) Phenanthrene	17.59	178	81803	4.58	ng/ul	97
72) Anthracene	17.68	178	65124	3.58	ng/ul	96
77) Fluoranthene	19.59	202	202231	8.75	ng/ul	98
80) Pyrene	19.95	202	140185	5.26	ng/ul#	88
83) Benzo(a)anthracene	21.81	228	79158	2.86	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	22859	1.86	ng/ul	93
85) Chrysene	21.88	228	82075	3.16	ng/ul	94
88) Benzo(b)fluoranthene	24.10	252	59328	2.22	ng/ul#	99
89) Benzo(k)fluoranthene	24.10	252	59328	2.31	ng/ul	100

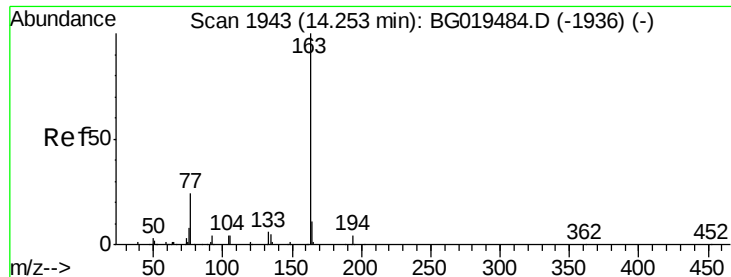
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
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Quant Time: Nov 06 02:14:47 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 13.71 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG019490.D

Acq: 5 Nov 2015 13:32

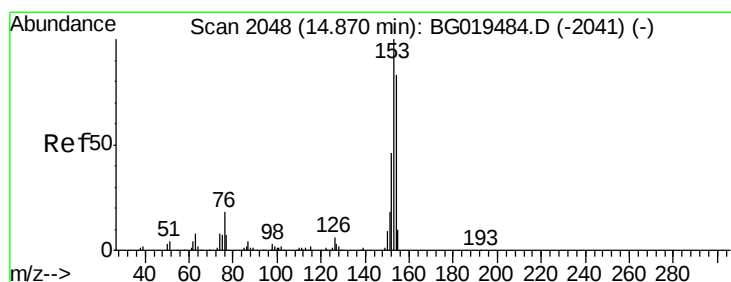
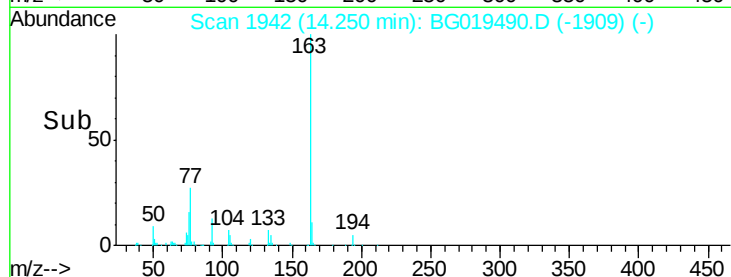
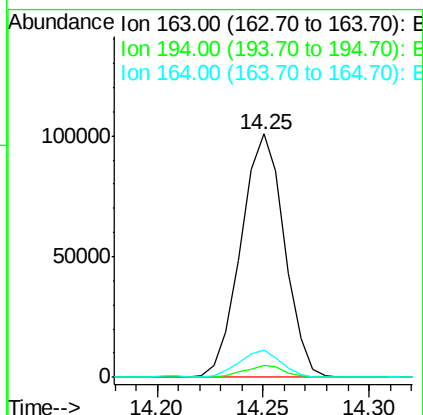
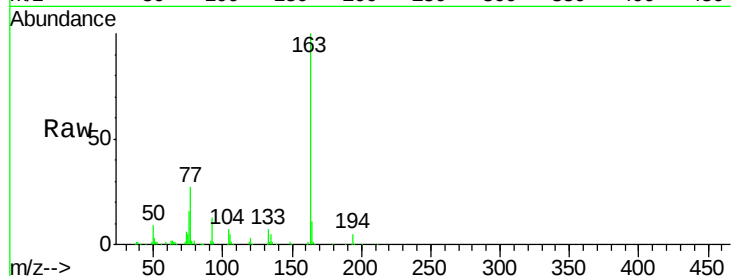
Instrument :

BNA_G

ClientSampleId :

C0AN9

Tgt Ion:	163	Resp:	143875
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.3	6.5
164	11.1	7.5	11.3



#50

Acenaphthene

Concen: 3.47 ng/ul

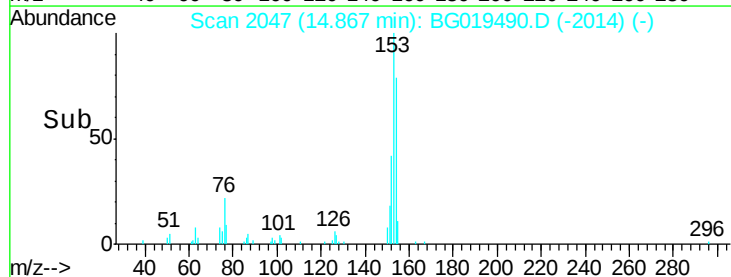
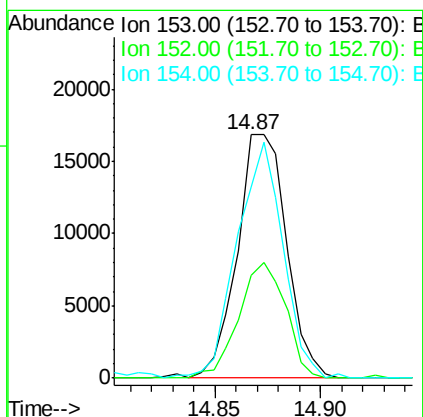
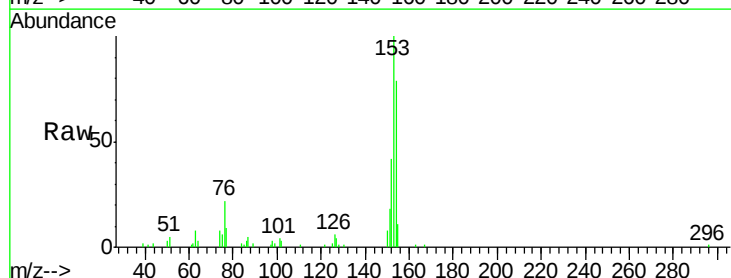
RT: 14.87 min Scan# 2047

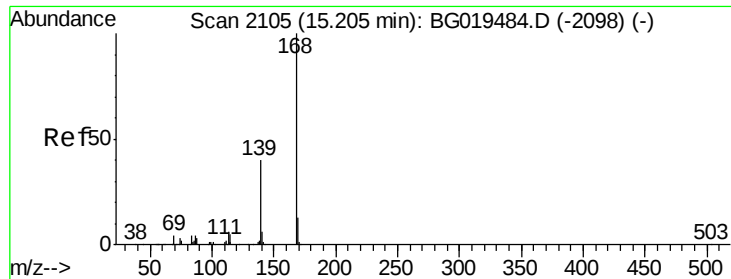
Delta R.T. -0.00 min

Lab File: BG019490.D

Acq: 5 Nov 2015 13:32

Tgt Ion:	153	Resp:	27285
Ion Ratio	Lower	Upper	
153	100		
152	42.3	38.8	58.2
154	78.5	71.5	107.3





#54

Dibenzenofuran

Concen: 1.18 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG019490.D

Acq: 5 Nov 2015 13:32

Instrument :

BNA_G

ClientSampleId :

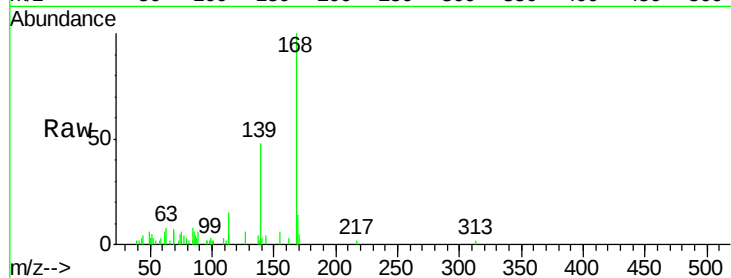
C0AN9

Tgt Ion:168 Resp: 13710

Ion Ratio Lower Upper

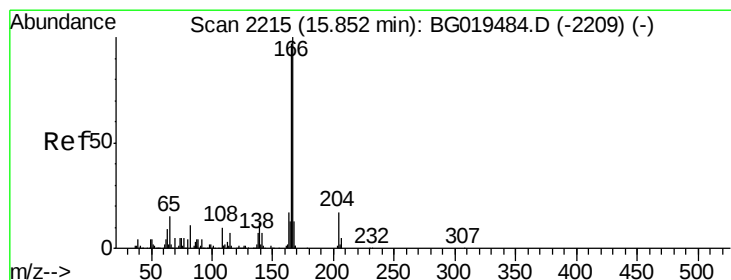
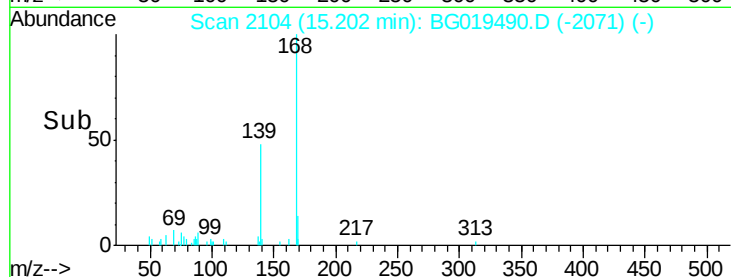
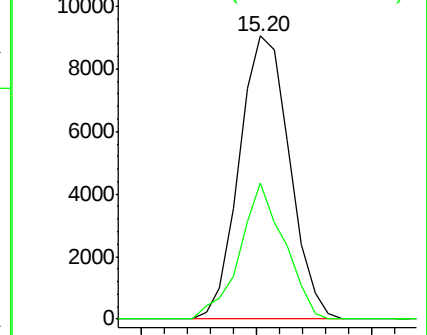
168 100

139 48.0 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 3.19 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019490.D

Acq: 5 Nov 2015 13:32

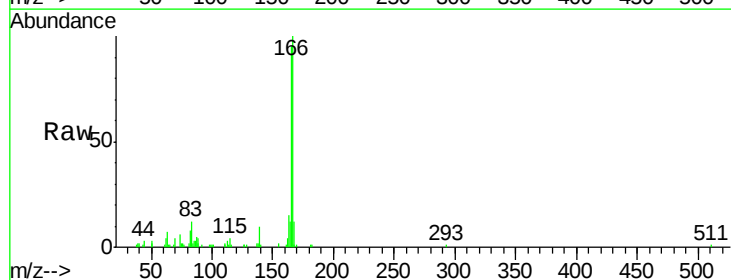
Tgt Ion:166 Resp: 32241

Ion Ratio Lower Upper

166 100

165 95.2 77.6 116.4

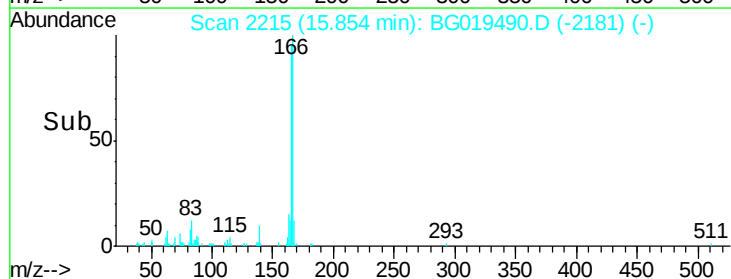
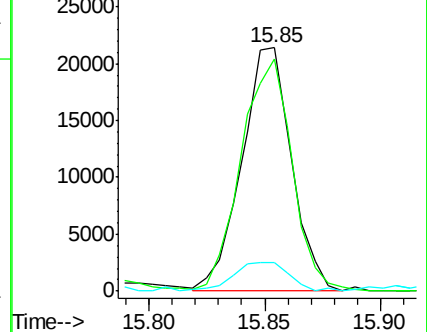
167 12.0 9.6 14.4

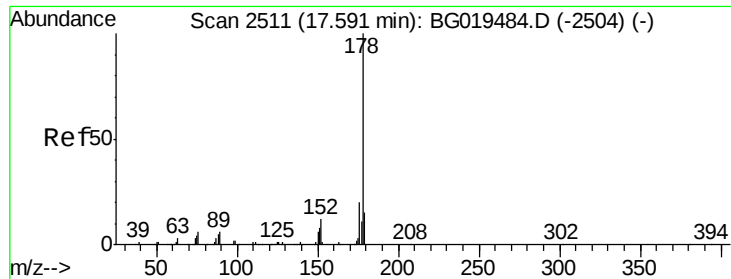


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

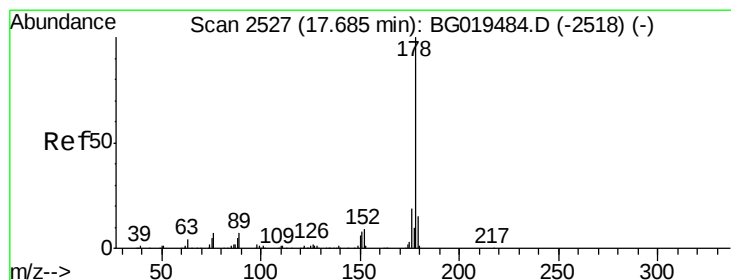
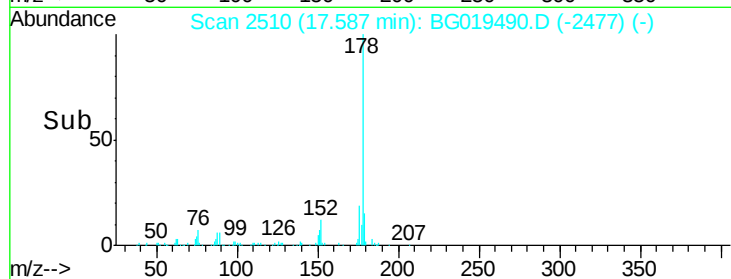
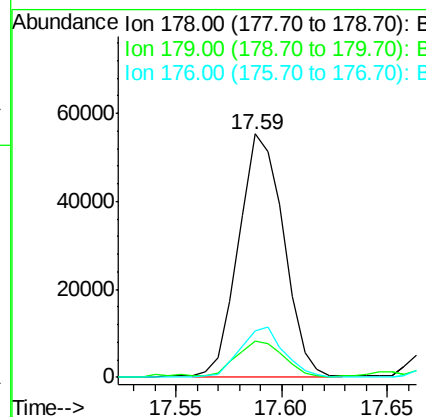
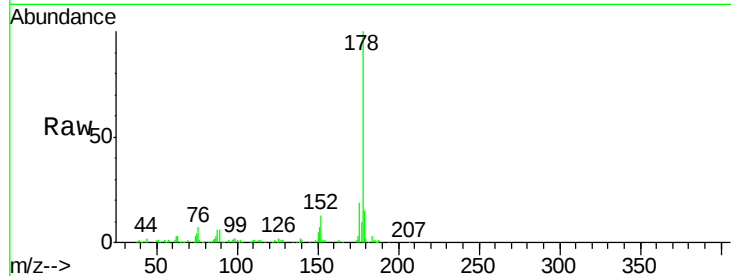




#70
Phenanthrene
Concen: 4.58 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG019490.D
Acq: 5 Nov 2015 13:32

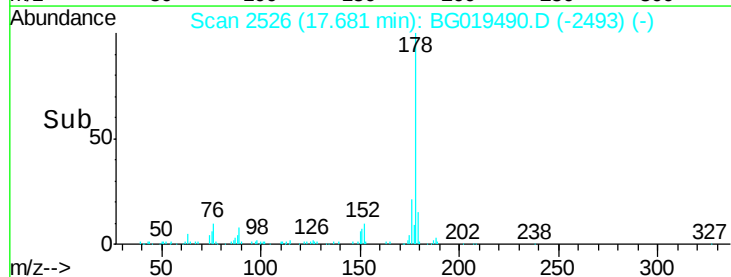
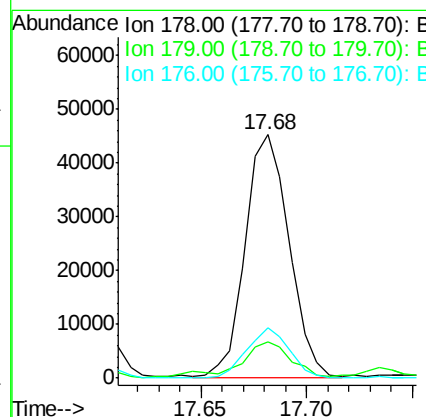
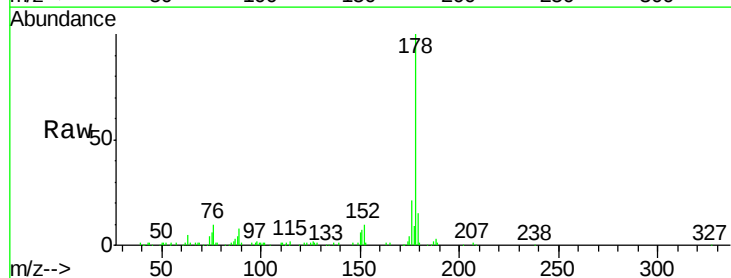
Instrument :
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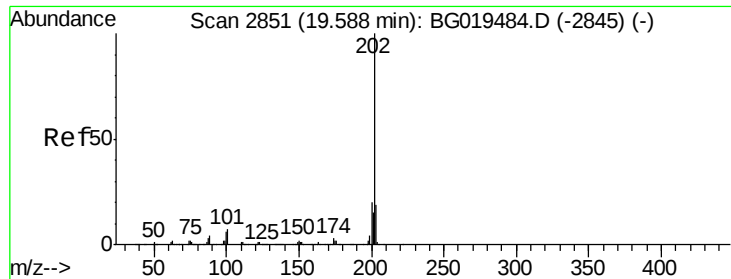
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	18.8
176	19.3	14.3	21.5



#72
Anthracene
Concen: 3.58 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG019490.D
Acq: 5 Nov 2015 13:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.6	17.4
176	20.6	14.2	21.4

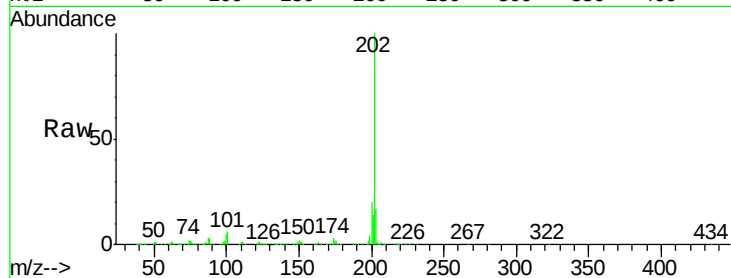




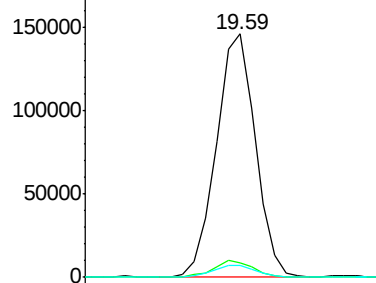
#77
 Fluoranthene
 Concen: 8.75 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG019490.D
 Acq: 5 Nov 2015 13:32

Instrument :
 BNA_G
 ClientSampleId :
 C0AN9

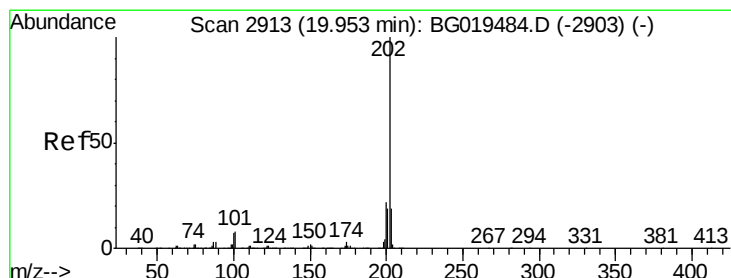
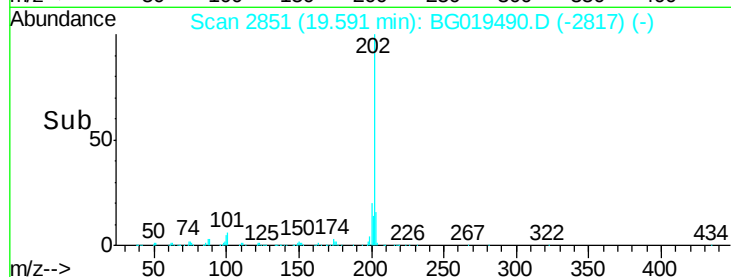
Tgt Ion:	202	Resp:	202231
Ion	Ratio	Lower	Upper
202	100		
101	6.0	4.0	6.0
100	4.8	3.6	5.4



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

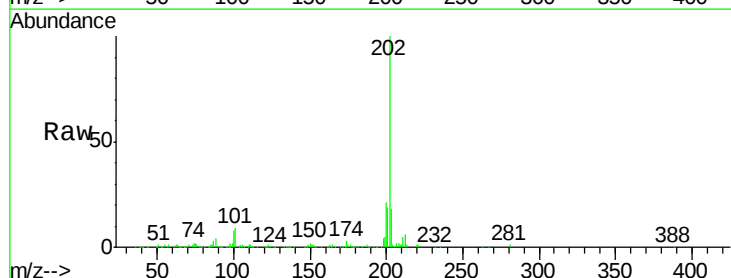


Time-->

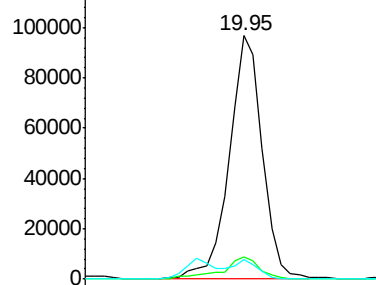


#80
 Pyrene
 Concen: 5.26 ng/ul
 RT: 19.95 min Scan# 2912
 Delta R.T. -0.00 min
 Lab File: BG019490.D
 Acq: 5 Nov 2015 13:32

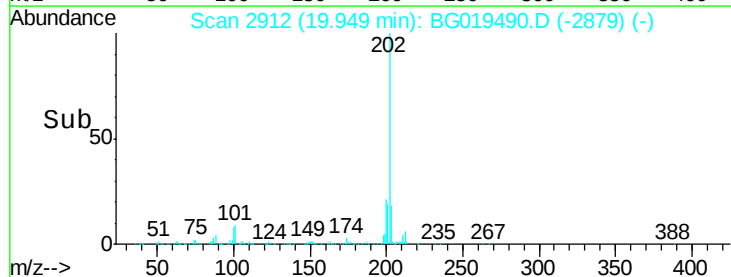
Tgt Ion:	202	Resp:	140185
Ion	Ratio	Lower	Upper
202	100		
101	9.3	4.3	6.5#
100	8.2	3.6	5.4#

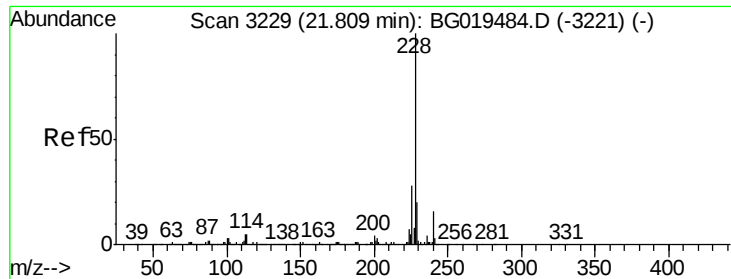


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



Time-->





#83

Benzo(a)anthracene

Concen: 2.86 ng/ul

RT: 21.81 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG019490.D

Acq: 5 Nov 2015 13:32

Instrument :

BNA_G

ClientSampleId :

C0AN9

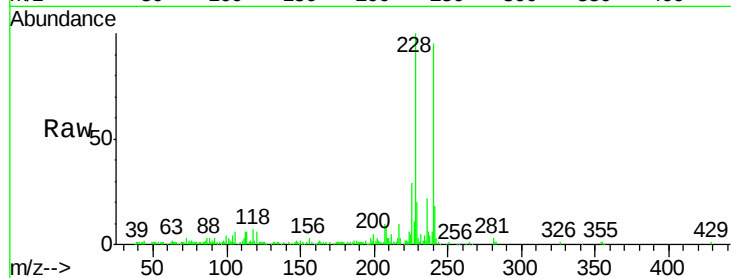
Tgt Ion:228 Resp: 79158

Ion Ratio Lower Upper

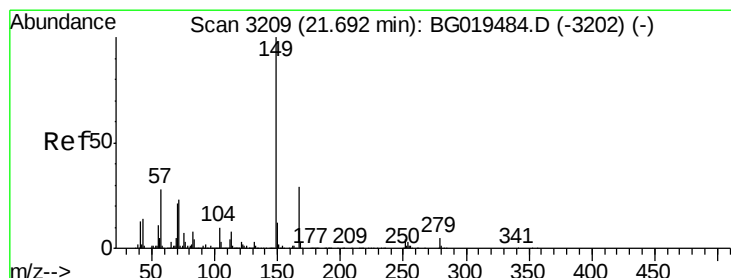
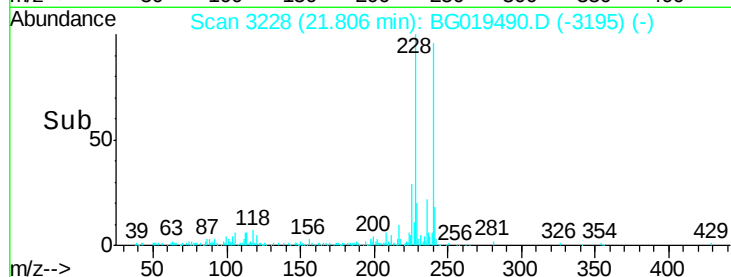
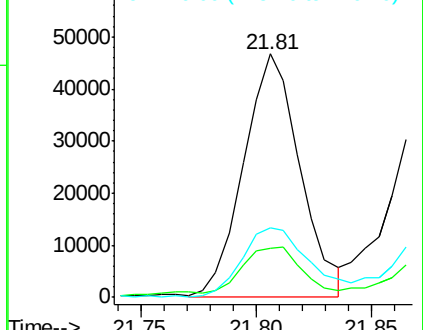
228 100

229 20.1 15.8 23.8

226 28.6 21.8 32.6



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: 1.86 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BG019490.D

Acq: 5 Nov 2015 13:32

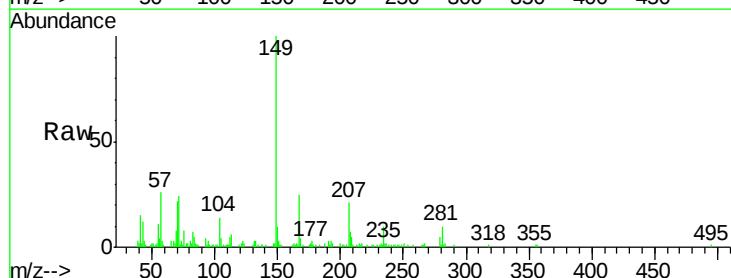
Tgt Ion:149 Resp: 22859

Ion Ratio Lower Upper

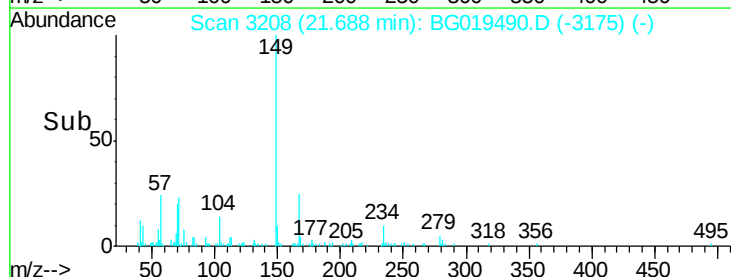
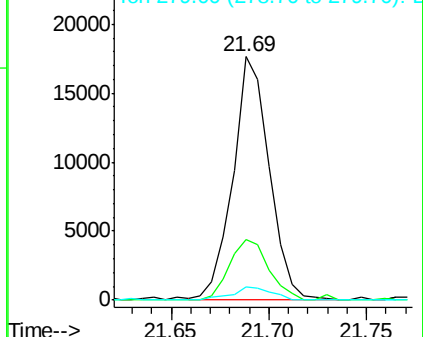
149 100

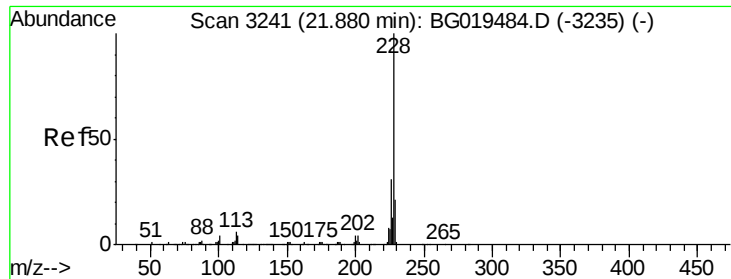
167 25.0 23.2 34.8

279 5.5 5.0 7.4



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

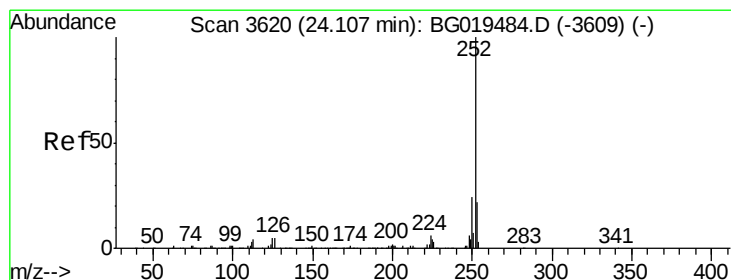
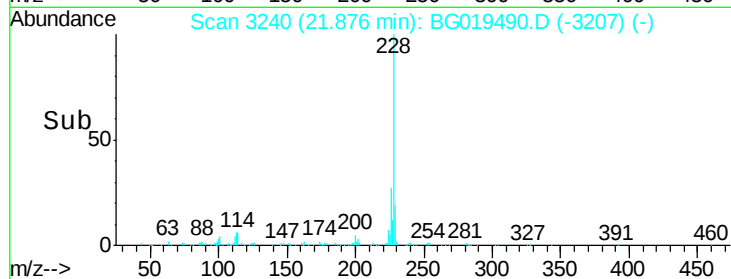
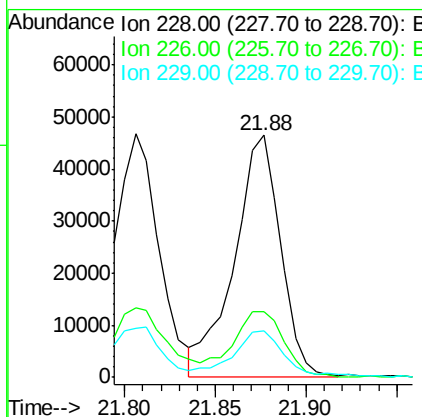
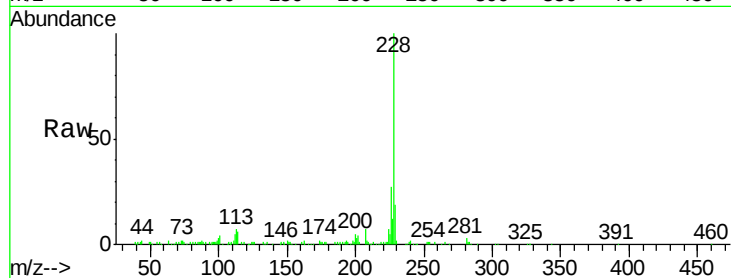




#85
Chrysene
Concen: 3.16 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG019490.D
Acq: 5 Nov 2015 13:32

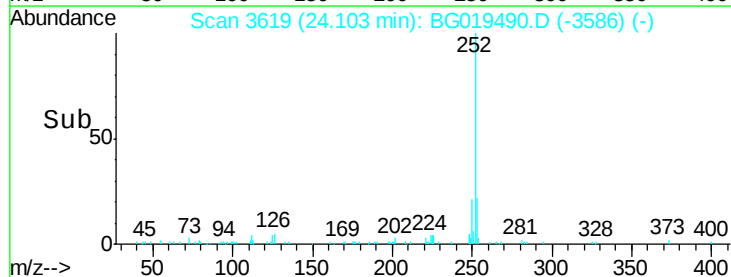
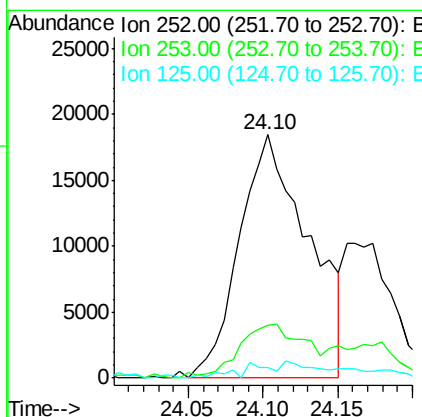
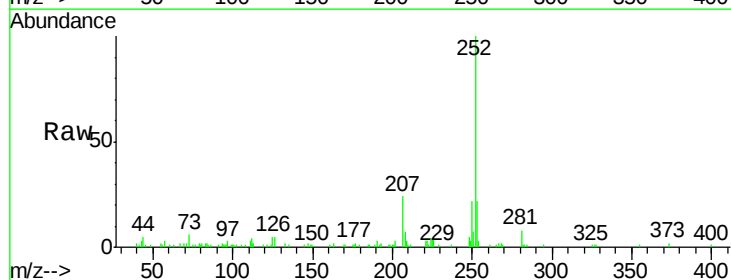
Instrument :
BNA_G
ClientSampleId :
C0AN9

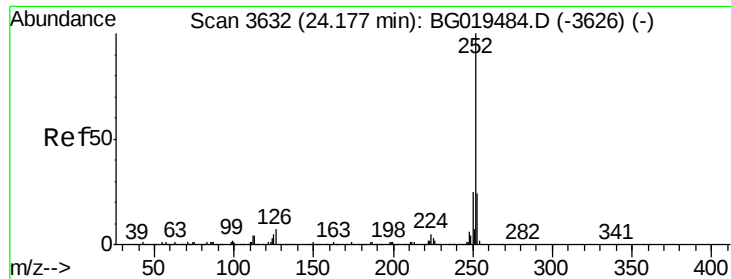
Tgt Ion:228 Resp: 82075
Ion Ratio Lower Upper
228 100
226 27.3 24.6 36.8
229 19.2 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 2.22 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. -0.00 min
Lab File: BG019490.D
Acq: 5 Nov 2015 13:32

Tgt Ion:252 Resp: 59328
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 4.6 2.5 3.7#





#89

Benzo(k)fluoranthene

Concen: 2.31 ng/ul

RT: 24.10 min Scan# 3619

Delta R.T. -0.07 min

Lab File: BG019490.D

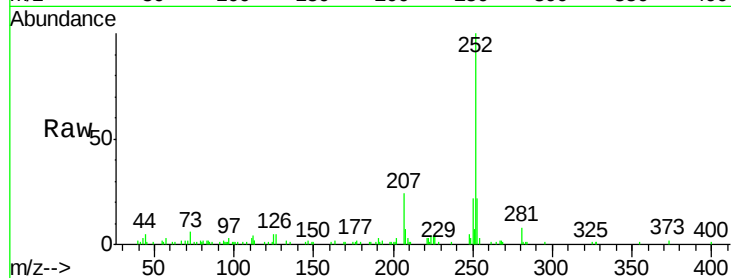
Acq: 5 Nov 2015 13:32

Instrument :

BNA_G

ClientSampleId :

C0AN9



Tgt Ion:	252	Resp:	59328
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	4.6	3.1	4.7

