

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100115\
 Data File : BG018970.D
 Acq On : 30 Sep 2015 13:28
 Operator : UM/NP
 Sample : G3690-01DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC2W1DL

Quant Time: Oct 01 04:20:39 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 04:12:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	303304	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	215477	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	524704	20.00	ng/ul	0.01
78) Chrysene-d12	21.62	240	540103	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	562177	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	504	0.38	ng/uL	0.00
5) Phenol-d5	7.15	99	15274	2.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	9651	3.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	12419	3.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	13423	3.13	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	7747	3.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	6910	2.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	14293	2.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	4463	0.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	54077	3.12	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	65008	3.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	7579	2.28	ng/ul	0.00
58) Fluorene-d10	15.61	176	48596	3.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	85598	34.46	ng/ul	0.02
71) Anthracene-d10	17.46	188	79455	3.44	ng/ul	0.00
79) Pyrene-d10	19.74	212	79447	3.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	85547	3.13	ng/ul	0.01

Target Compounds

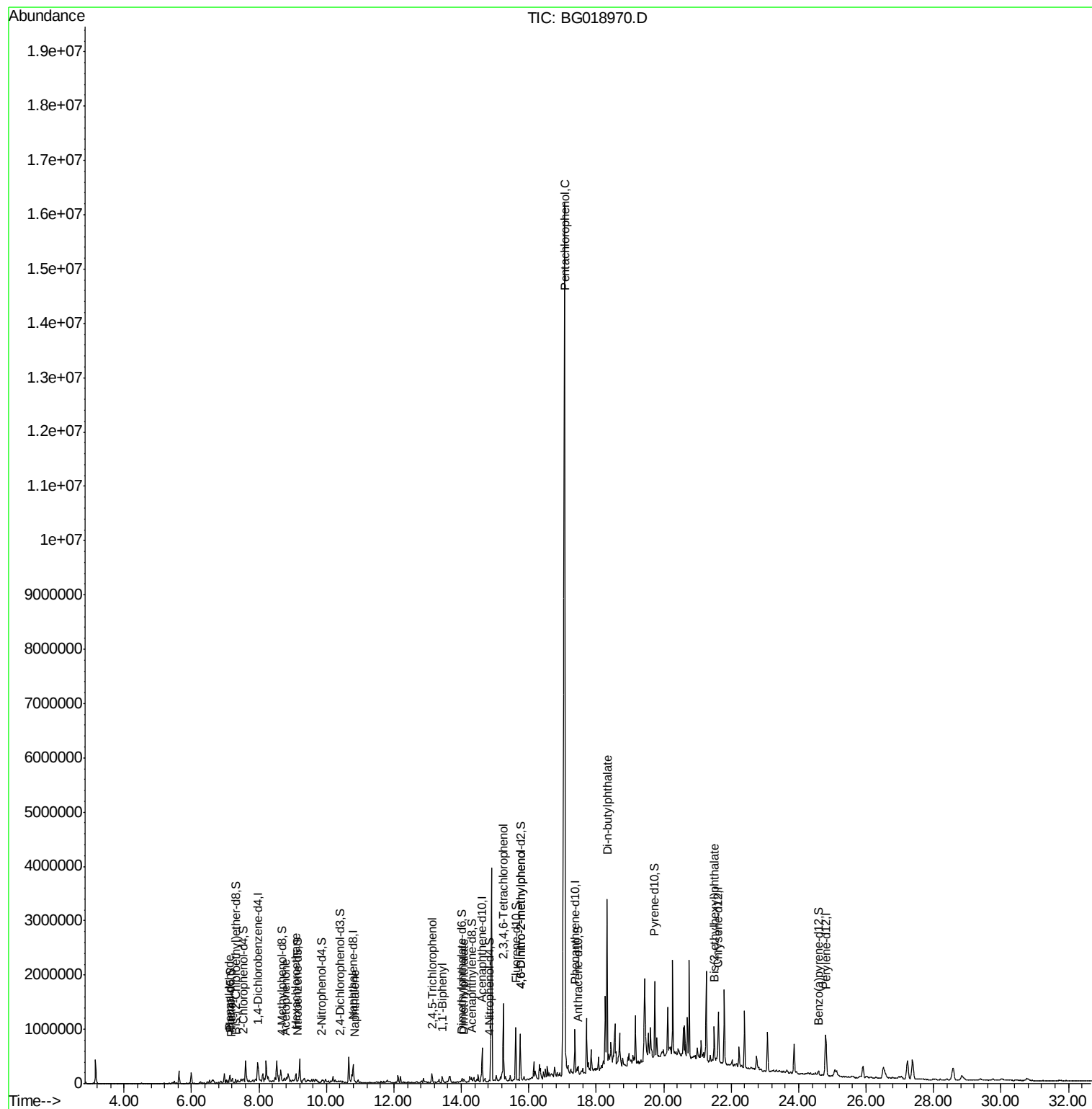
						Qvalue
4) Benzaldehyde	7.13	77	4649	1.52	ng/ul#	1
6) Phenol	7.18	94	12444	2.28	ng/ul	92
14) Acetophenone	8.79	105	27163	4.16	ng/ul#	35
17) Hexachloroethane	9.10	117	6862	4.16	ng/ul#	10
28) Naphthalene	10.84	128	16373	1.06	ng/ul	98
40) 2,4,5-Trichlorophenol	13.13	196	43318	9.27	ng/ul	97
41) 1,1'-Biphenyl	13.44	154	24147	1.48	ng/ul	96
45) Dimethylphthalate	14.07	163	33498	1.99	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.24	232	349904	77.56	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.75	198	239493	93.96	ng/ul#	53
69) Pentachlorophenol	17.07	266	5435226	1635.70	ng/ul#	79
76) Di-n-butylphthalate	18.32	149	2260429	75.32	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.50	149	293250	16.23	ng/ul#	96

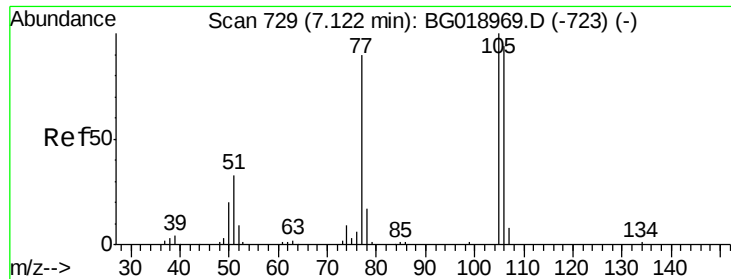
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100115\
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Quant Time: Oct 01 04:20:39 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 04:12:22 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.52 ng/ul

RT: 7.13 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG018970.D

Acq: 30 Sep 2015 13:28

Instrument :

BNA_G

ClientSampleId :

BC2W1DL

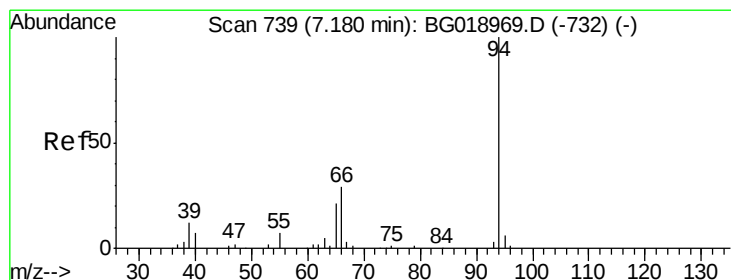
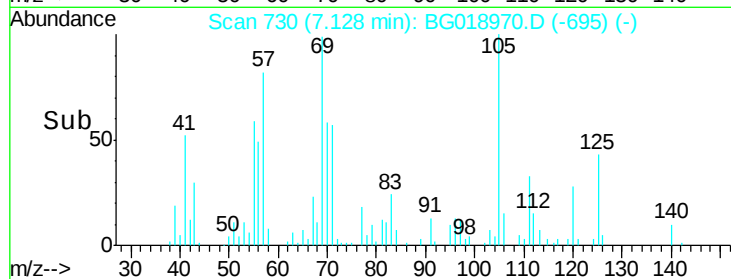
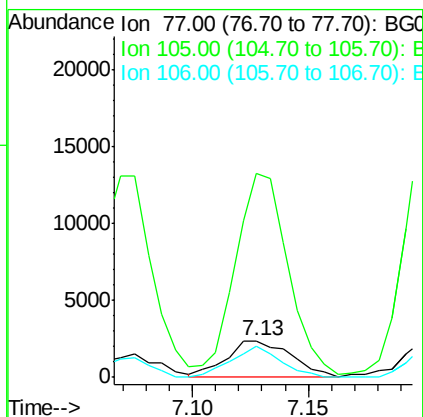
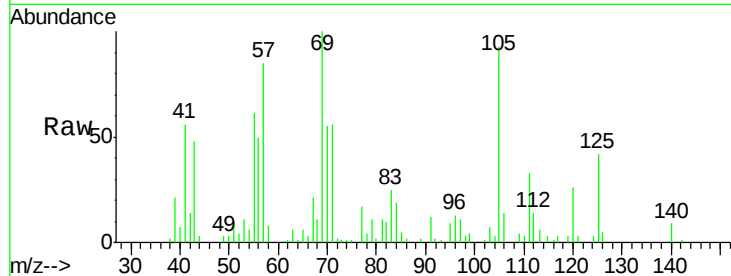
Tgt Ion: 77 Resp: 4649

Ion Ratio Lower Upper

77 100

105 556.6 78.2 117.2#

106 84.0 76.8 115.2



#6

Phenol

Concen: 2.28 ng/ul

RT: 7.18 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG018970.D

Acq: 30 Sep 2015 13:28

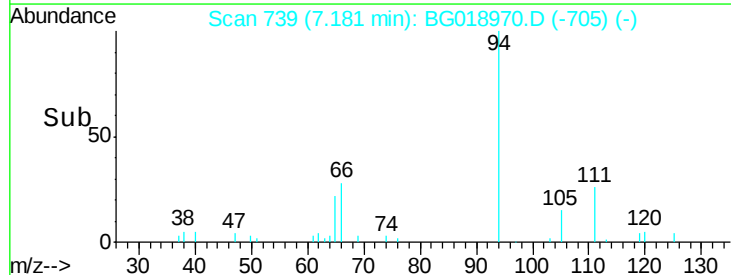
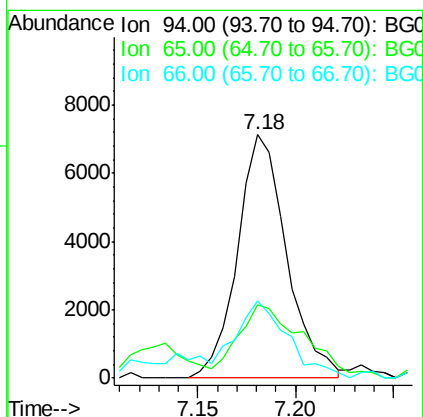
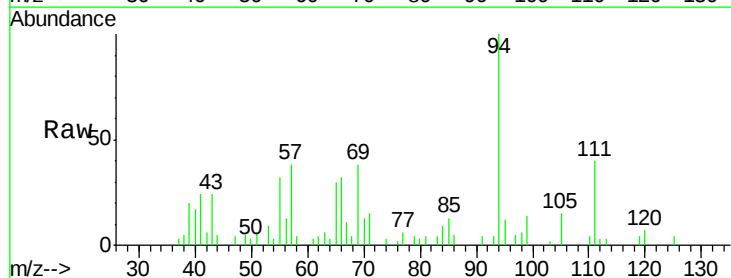
Tgt Ion: 94 Resp: 12444

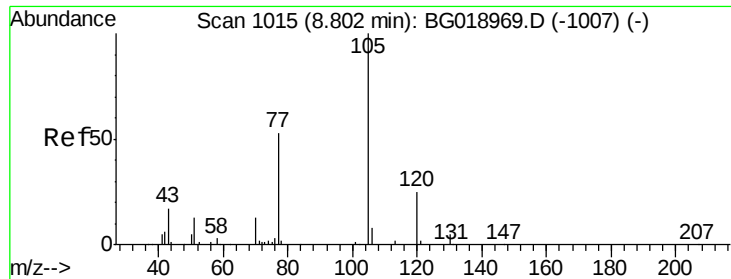
Ion Ratio Lower Upper

94 100

65 30.4 23.0 34.6

66 31.9 31.0 46.4

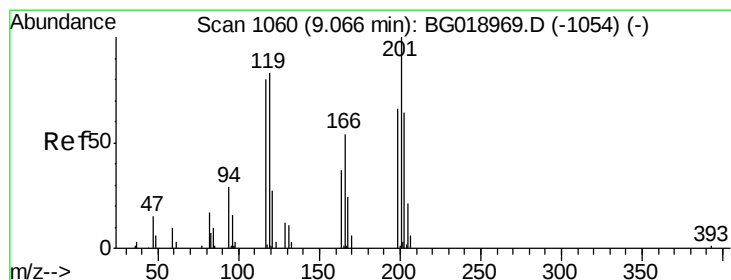
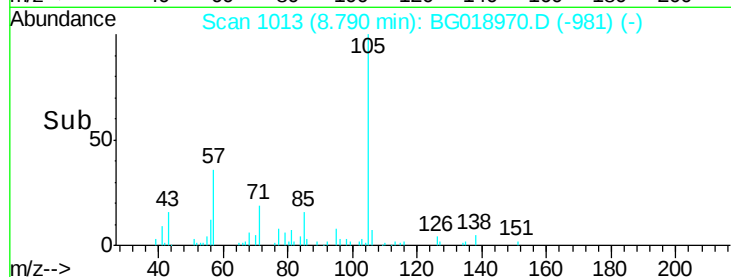
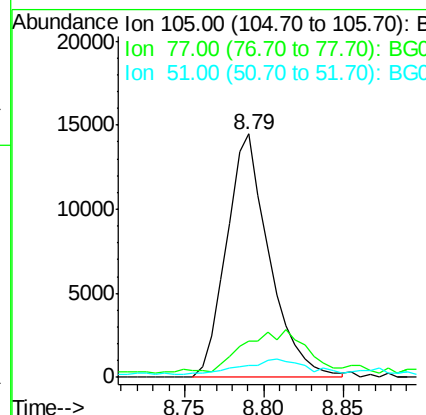
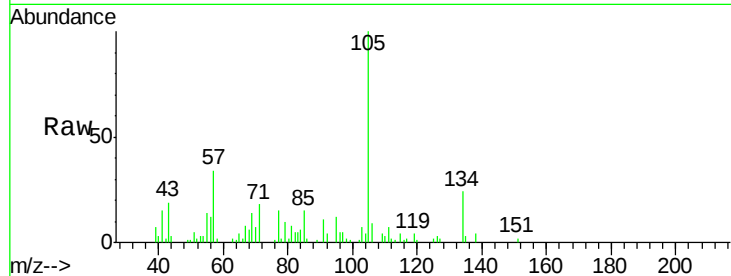




#14
Acetophenone
Concen: 4.16 ng/ul
RT: 8.79 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG018970.D
Acq: 30 Sep 2015 13:28

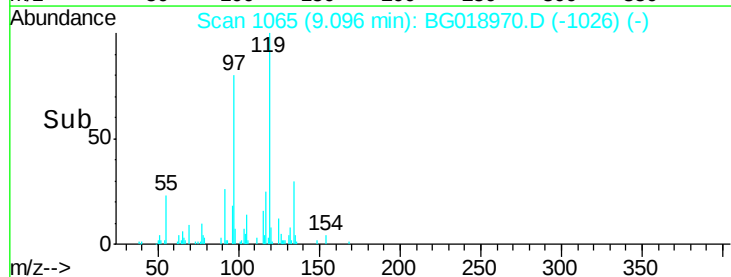
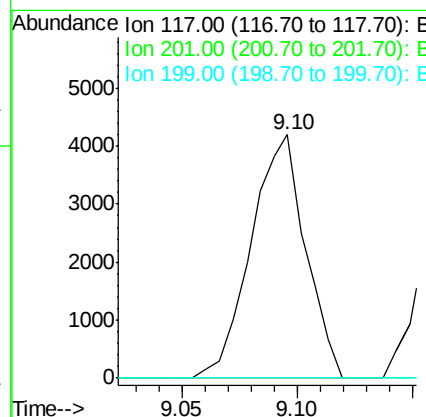
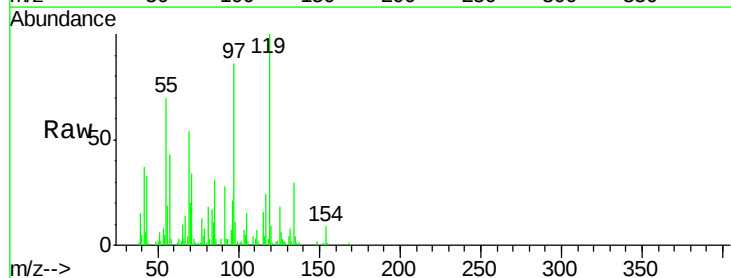
Instrument :
BNA_G
ClientSampleId :
BC2W1DL

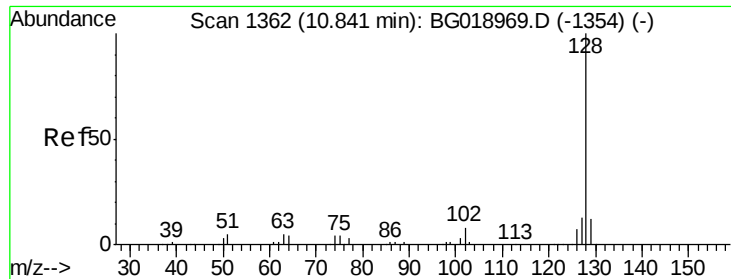
Tgt Ion	Ratio	Lower	Upper
105	100		
77	14.8	61.9	92.9#
51	4.9	25.5	38.3#



#17
Hexachloroethane
Concen: 4.16 ng/ul
RT: 9.10 min Scan# 1065
Delta R.T. 0.03 min
Lab File: BG018970.D
Acq: 30 Sep 2015 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	73.6	110.4#
199	0.0	48.6	72.8#

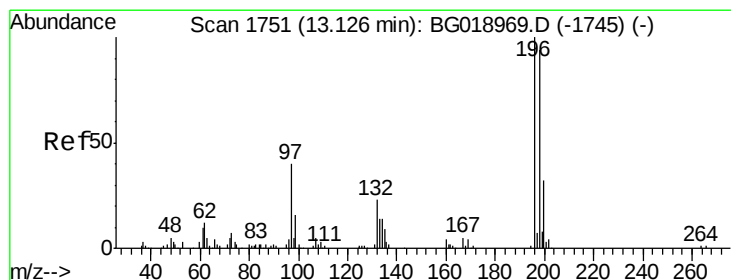
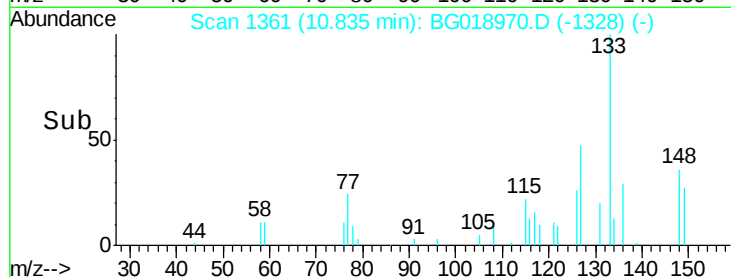
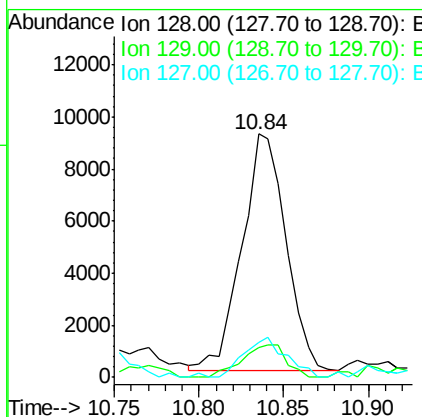
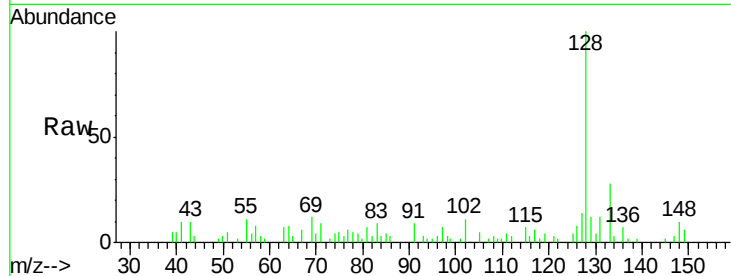




#28
Naphthalene
Concen: 1.06 ng/ul
RT: 10.84 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG018970.D
Acq: 30 Sep 2015 13:28

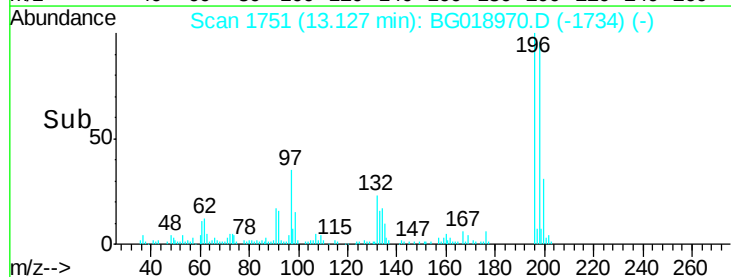
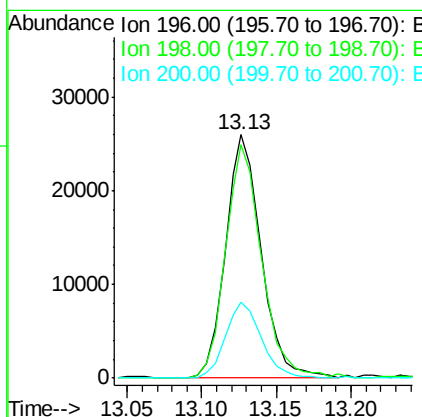
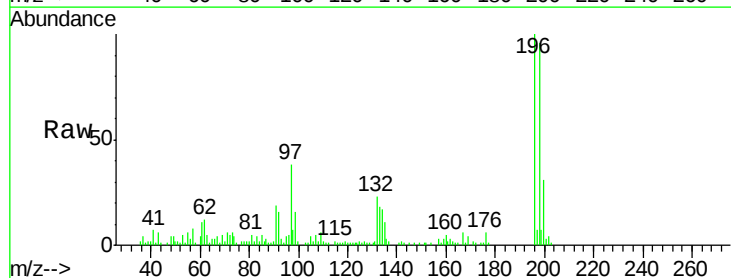
Instrument :
BNA_G
ClientSampleId :
BC2W1DL

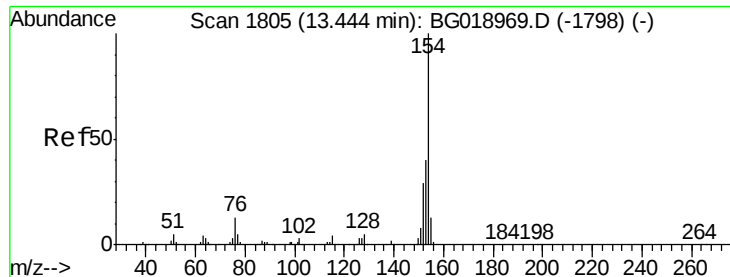
Tgt Ion:128 Resp: 16373
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.3 10.5 15.7



#40
2,4,5-Trichlorophenol
Concen: 9.27 ng/ul
RT: 13.13 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG018970.D
Acq: 30 Sep 2015 13:28

Tgt Ion:196 Resp: 43318
Ion Ratio Lower Upper
196 100
198 95.8 74.2 111.4
200 33.8 25.2 37.8

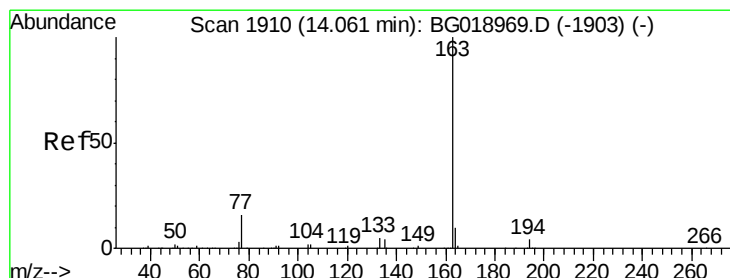
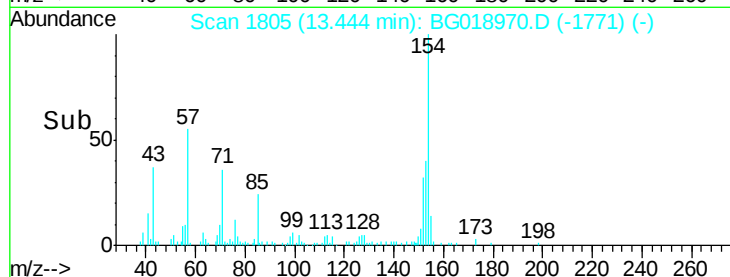
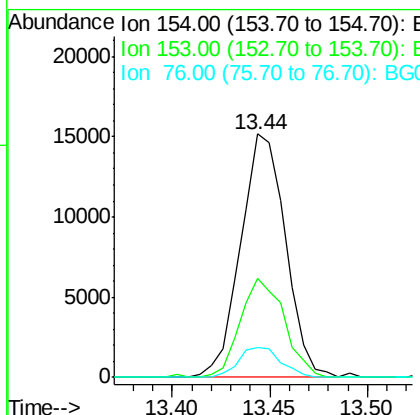
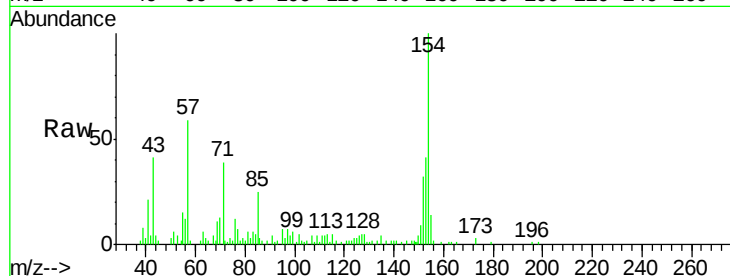




#41
 1,1'-Biphenyl
 Concen: 1.48 ng/ul
 RT: 13.44 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BG018970.D
 Acq: 30 Sep 2015 13:28

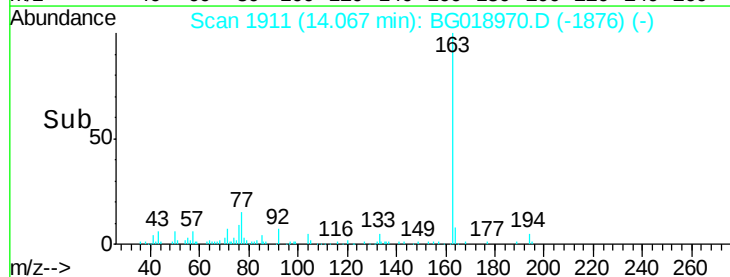
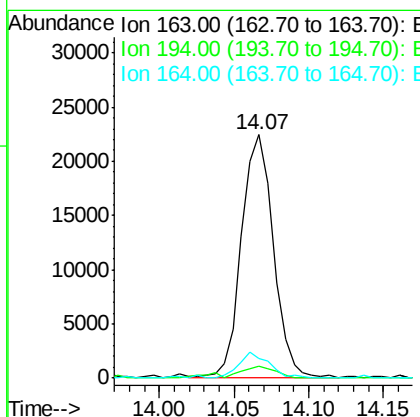
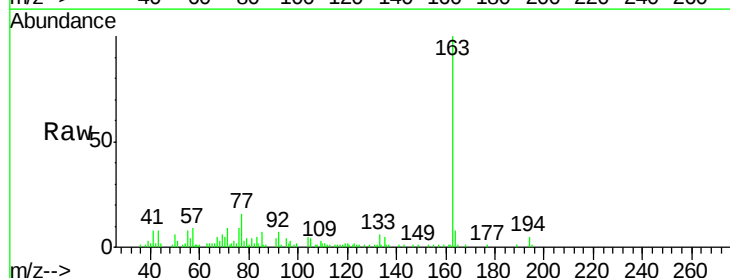
Instrument :
 BNA_G
 ClientSampleId :
 BC2W1DL

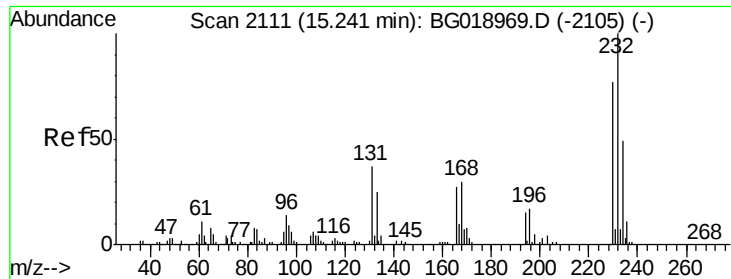
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	35.2	52.8
76	12.3	10.6	16.0



#45
 Dimethylphthalate
 Concen: 1.99 ng/ul
 RT: 14.07 min Scan# 1911
 Delta R.T. 0.01 min
 Lab File: BG018970.D
 Acq: 30 Sep 2015 13:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.9	4.3#
164	8.2	7.7	11.5





#56

2,3,4,6-Tetrachlorophenol

Concen: 77.56 ng/ul

RT: 15.24 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG018970.D

Acq: 30 Sep 2015 13:28

Instrument :

BNA_G

ClientSampleId :

BC2W1DL

Tgt Ion:232 Resp: 349904

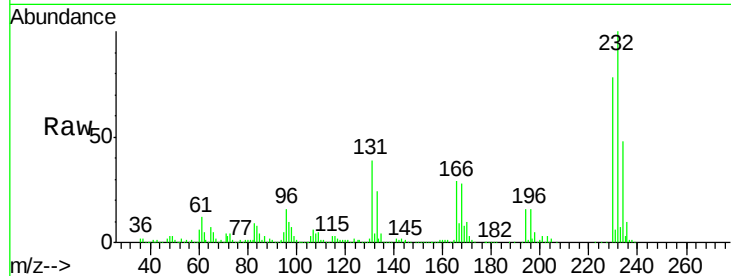
Ion Ratio Lower Upper

232 100

131 38.7 37.4 56.0

130 2.0 1.4 2.0

166 28.9 25.8 38.8

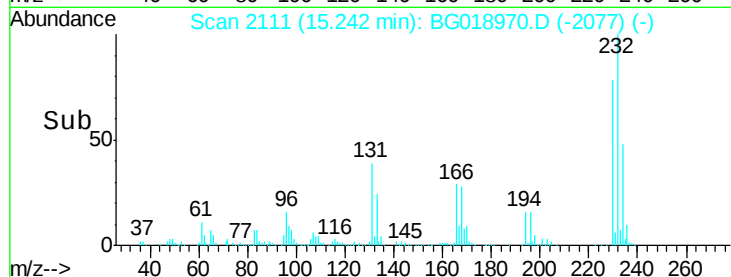


Abundance Ion 232.00 (231.70 to 232.70): E

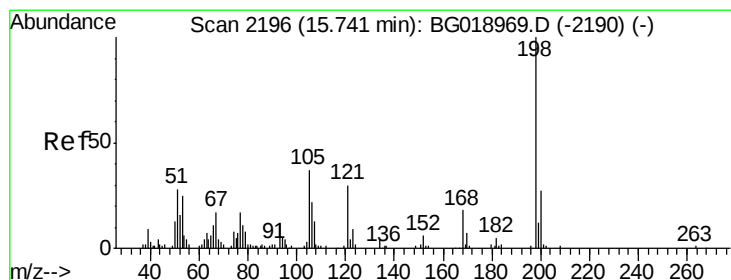
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 93.96 ng/ul

RT: 15.75 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BG018970.D

Acq: 30 Sep 2015 13:28

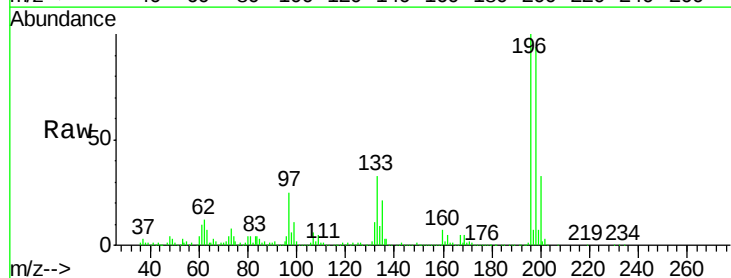
Tgt Ion:198 Resp: 239493

Ion Ratio Lower Upper

198 100

182 0.2 3.4 5.0#

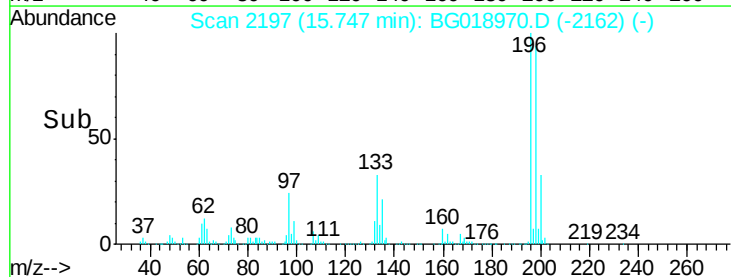
77 0.6 22.4 33.6#



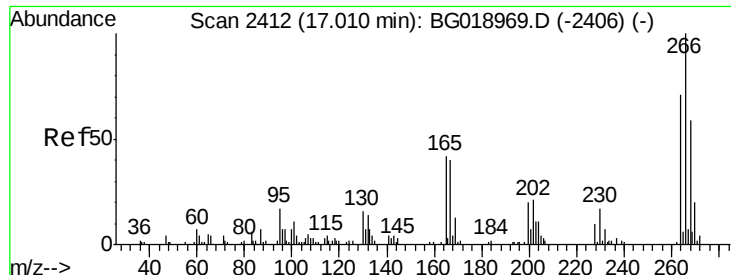
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BG



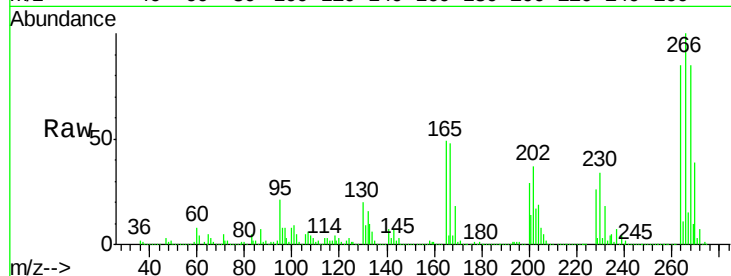
Time-->



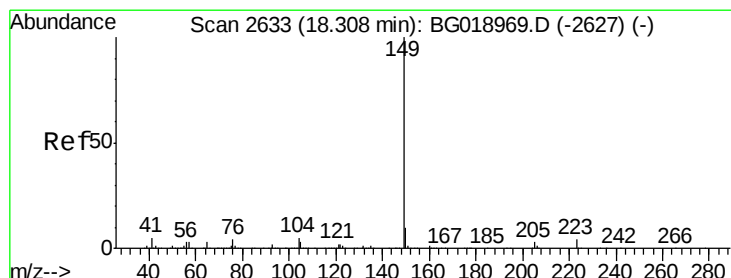
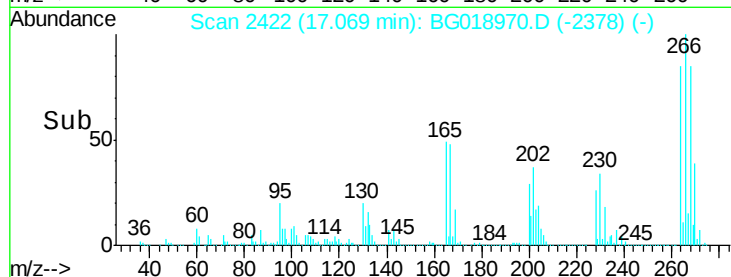
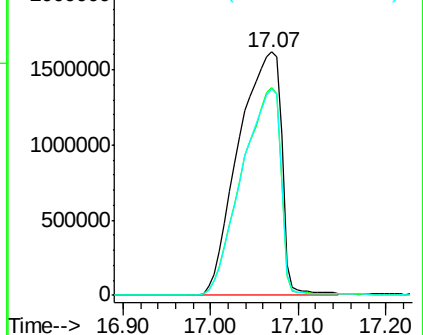
#69
 Pentachlorophenol
 Concen: 1635.70 ng/ul
 RT: 17.07 min Scan# 2422
 Delta R.T. 0.06 min
 Lab File: BG018970.D
 Acq: 30 Sep 2015 13:28

Instrument :
 BNA_G
 ClientSampleId :
 BC2W1DL

Tgt Ion:266 Resp: 5435226
 Ion Ratio Lower Upper
 266 100
 264 85.2 55.4 83.0#
 268 84.8 53.6 80.4#

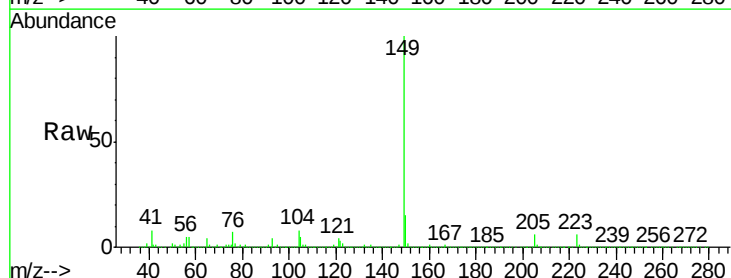


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

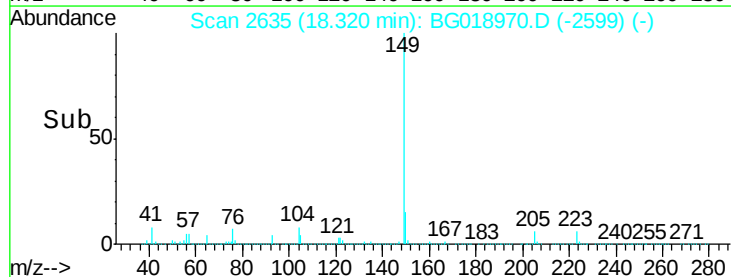
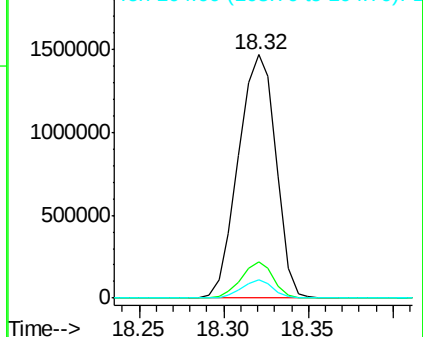


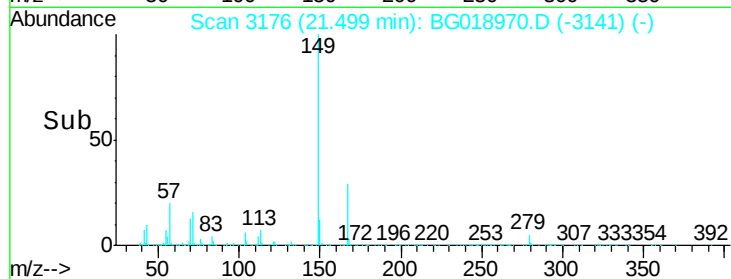
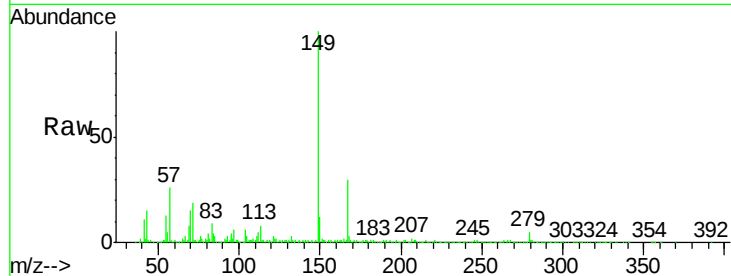
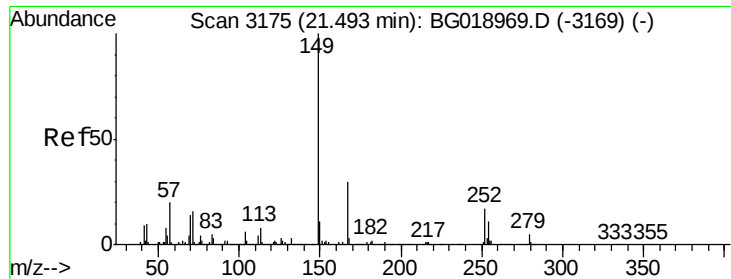
#76
 Di-n-butylphthalate
 Concen: 75.32 ng/ul
 RT: 18.32 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: BG018970.D
 Acq: 30 Sep 2015 13:28

Tgt Ion:149 Resp: 2260429
 Ion Ratio Lower Upper
 149 100
 150 15.1 7.5 11.3#
 104 7.6 4.3 6.5#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.23 ng/ul

RT: 21.50 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG018970.D

Acq: 30 Sep 2015 13:28

Instrument :

BNA_G

ClientSampleId :

BC2W1DL

Tgt Ion:149 Resp: 293250

Ion Ratio Lower Upper

149 100

167 29.6 22.2 33.2

279 4.8 2.8 4.2#

