

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020301.D
 Acq On : 19 Dec 2015 8:06
 Operator : UM/SJ
 Sample : G4768-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N45

Manual Integrations
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Quant Time: Dec 20 04:40:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 04:52:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	74438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	52547	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	132539	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	177709	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	165034	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	409	1.32	ng/uL	0.00
5) Phenol-d5	7.24	99	12102	8.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	26695	29.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	29360	26.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	22816	17.70	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	19203	33.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	22188	34.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	38670	29.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	933	0.64	ng/ul	-0.02
44) Dimethylphthalate-d6	14.12	166	142265	33.47	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	161477	32.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5689	7.46	ng/ul	0.00
58) Fluorene-d10	15.72	176	126228	32.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	23912	30.43	ng/ul	0.00
71) Anthracene-d10	17.57	188	204206	33.44	ng/ul	0.00
79) Pyrene-d10	19.85	212	251660	30.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	285324	34.66	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.97	128	1014189	260.90	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	147715	49.75	ng/ul	99
35) 1-Methylnaphthalene	12.77	142	92307	32.34	ng/ul#	99
41) 1,1'-Biphenyl	13.56	154	52609	13.27	ng/ul	95
48) Acenaphthylene	14.45	152	19718	3.75	ng/ul#	96
50) Acenaphthene	14.79	153	240823	68.13	ng/ul	99
54) Dibenzofuran	15.12	168	171792	32.67	ng/ul	100
59) Fluorene	15.77	166	143668	34.02	ng/ul	98
70) Phenanthrene	17.51	178	320745	44.24	ng/ul	99
72) Anthracene	17.60	178	19301m	2.62	ng/ul	
75) Carbazole	17.87	167	57928	9.38	ng/ul	98
77) Fluoranthene	19.51	202	43633	5.15	ng/ul	98
80) Pyrene	19.88	202	25926	2.41	ng/ul	98

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

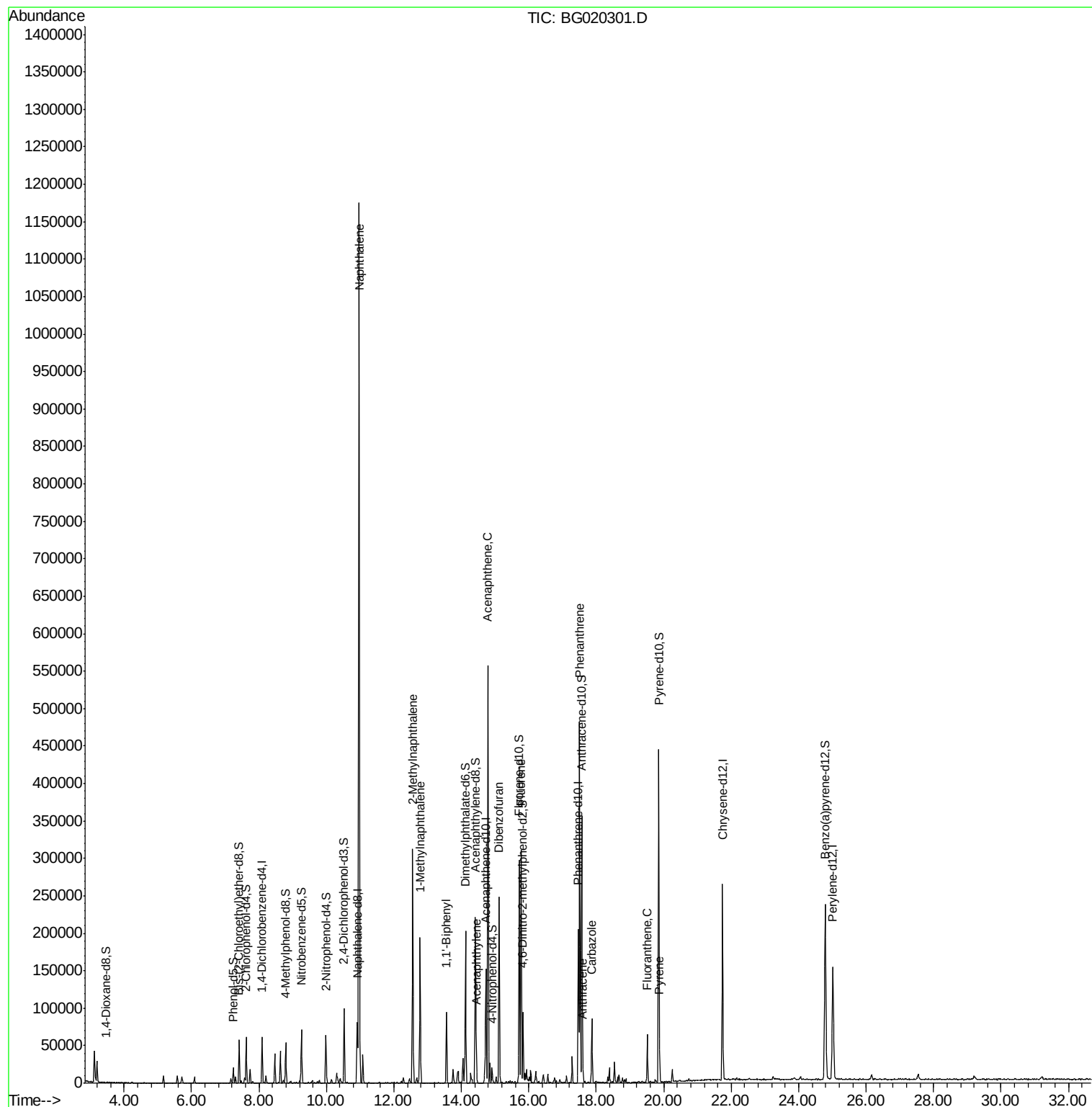
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020301.D
Acq On : 19 Dec 2015 8:06
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ALS Vial : 33 Sample Multiplier: 1

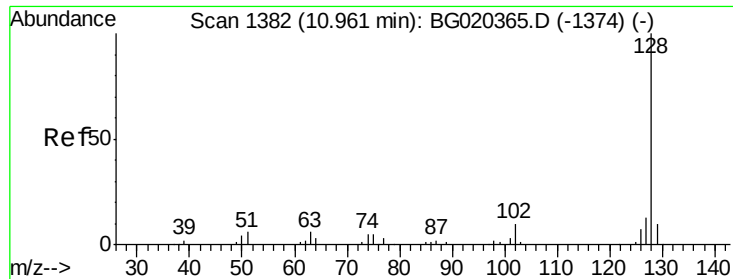
Instrument :
BNA_G
ClientSampleId :
D9N45

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Quant Time: Dec 20 04:40:23 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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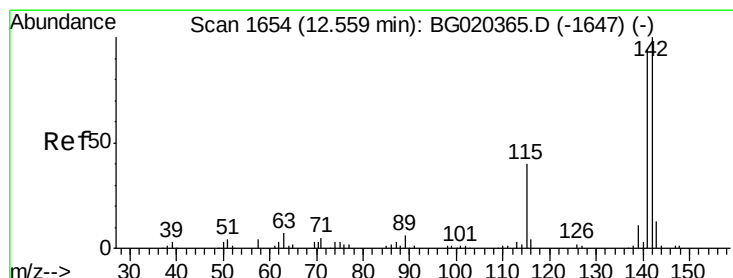
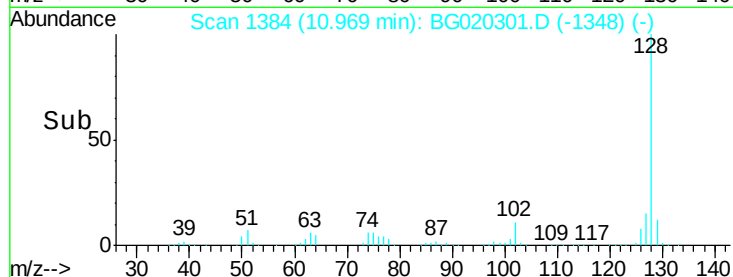
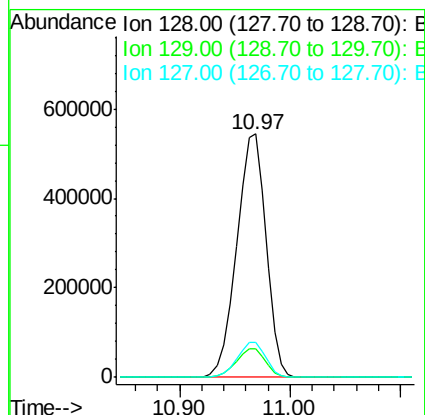
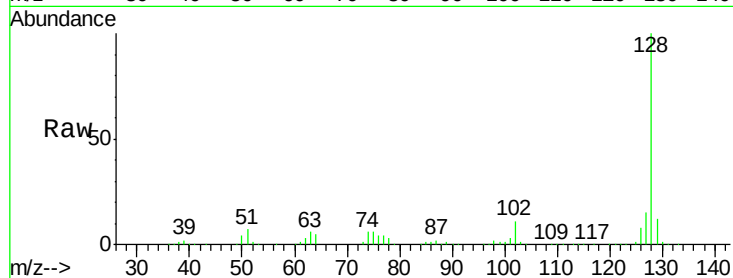
#28
Naphthalene
Concen: 260.90 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Instrument :
BNA_G
ClientSampleId :
D9N45

Tot Ion:128 Resp: 1014189
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 14.6 10.1 15.1

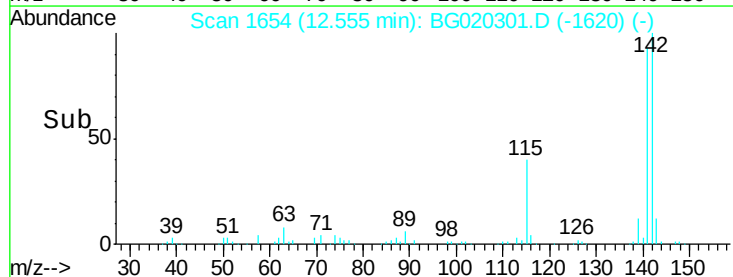
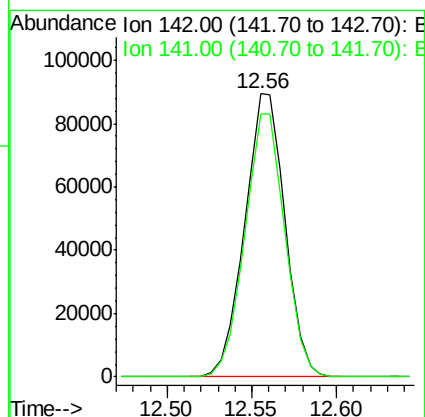
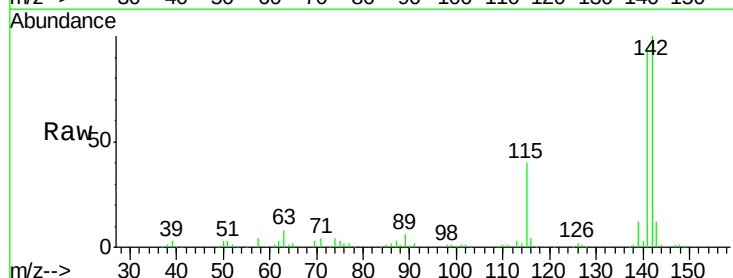
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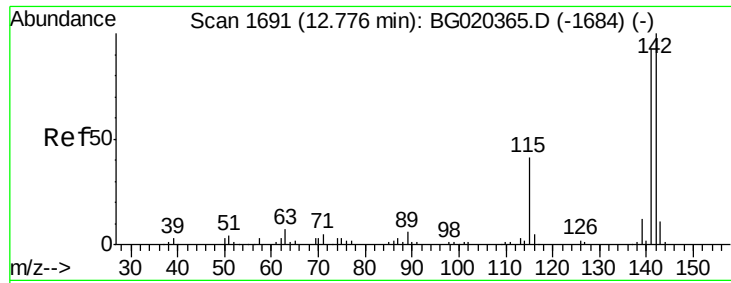
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#34
2-Methylnaphthalene
Concen: 49.75 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020301.D
Acq: 19 Dec 2015 8:06

Tgt Ion:142 Resp: 147715
Ion Ratio Lower Upper
142 100
141 92.7 74.9 112.3





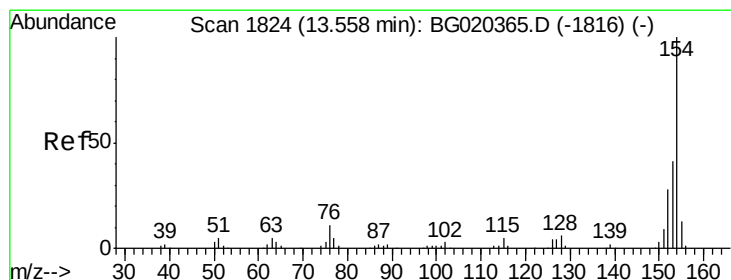
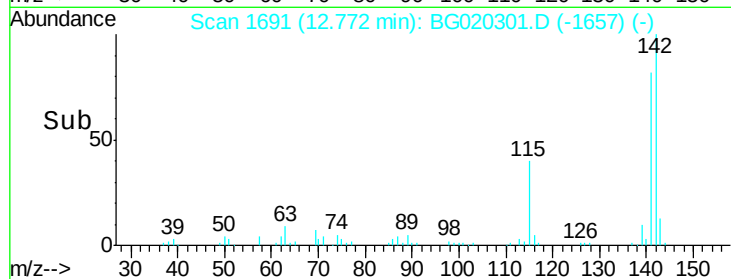
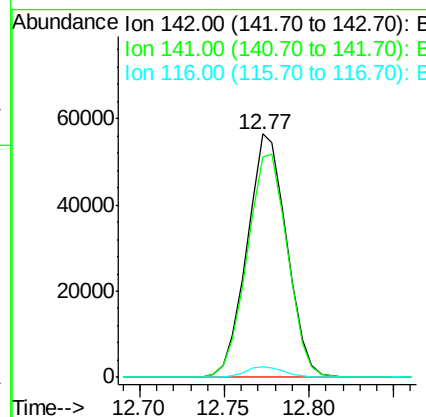
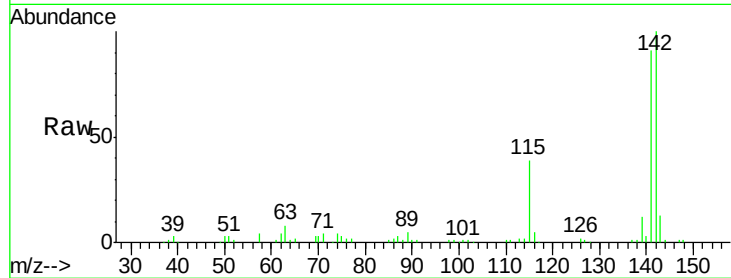
#35
 1-Methylnaphthalene
 Concen: 32.34 ng/ul
 RT: 12.77 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG020301.D
 Acq: 19 Dec 2015 8:06

Instrument :
 BNA_G
 ClientSampleId :
 D9N45

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.0	109.6
116	4.6	3.0	4.6#

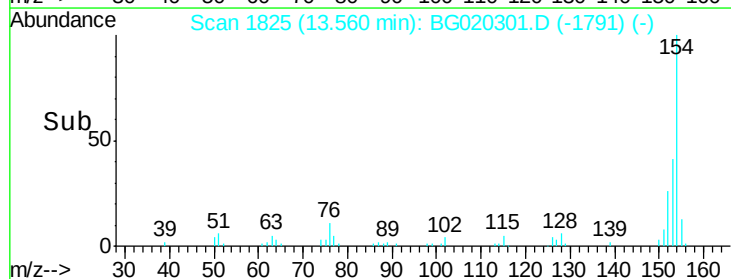
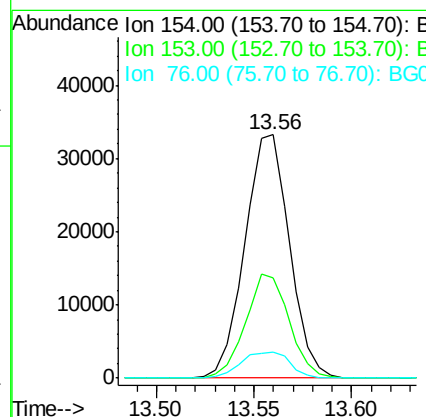
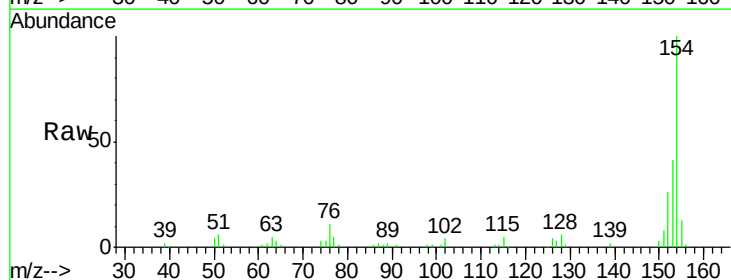
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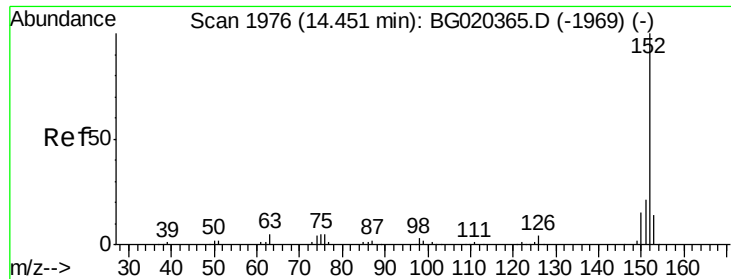
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#41
 1,1'-Biphenyl
 Concen: 13.27 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BG020301.D
 Acq: 19 Dec 2015 8:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	35.5	53.3
76	10.7	10.4	15.6





#48

Acenaphthylene

Concen: 3.75 ng/ul

RT: 14.45 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG020301.D

Acq: 19 Dec 2015 8:06

Instrument :

BNA_G

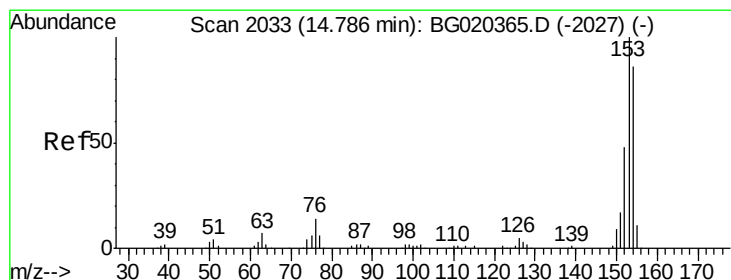
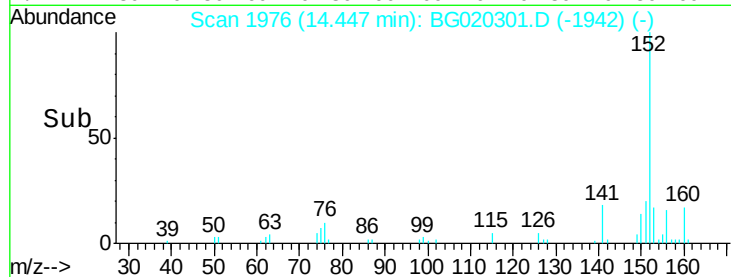
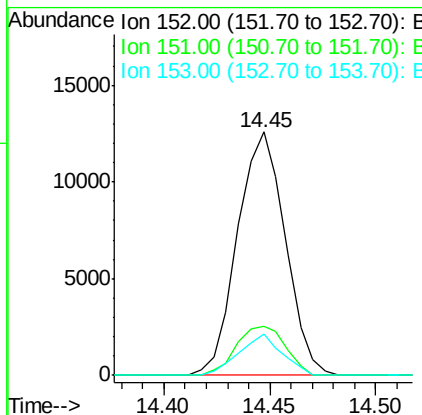
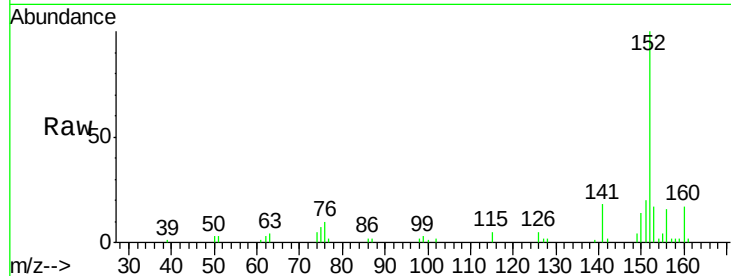
ClientSampleId :

D9N45

Tot Ion:	152	Resp:	19718
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.4	24.6
153	16.8	10.4	15.6

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#50

Acenaphthene

Concen: 68.13 ng/ul

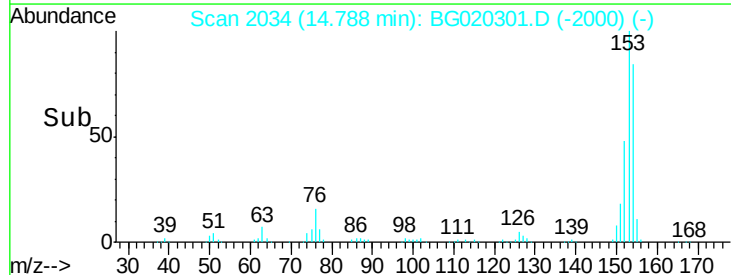
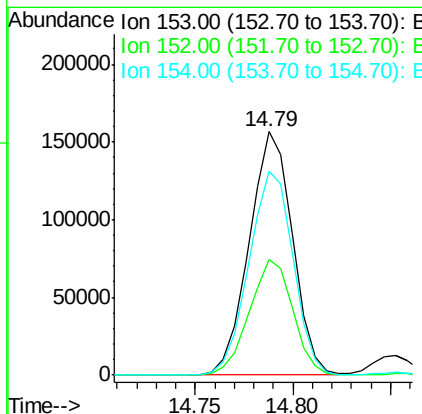
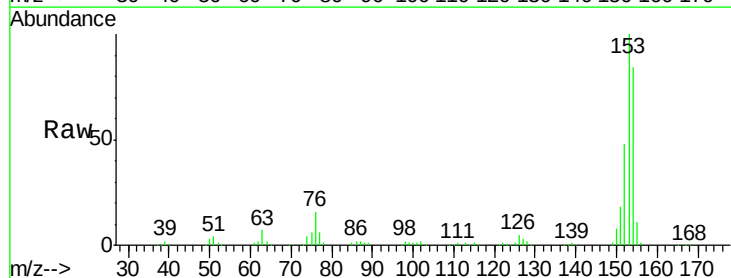
RT: 14.79 min Scan# 2034

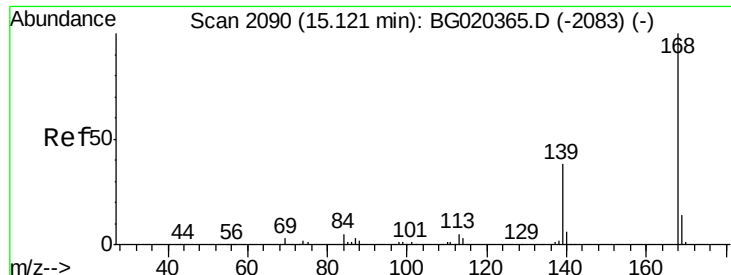
Delta R.T. -0.00 min

Lab File: BG020301.D

Acq: 19 Dec 2015 8:06

Tgt Ion:	153	Resp:	240823
Ion Ratio	Lower	Upper	
153	100		
152	47.6	37.6	56.4
154	83.8	67.9	101.9





#54

Dibenzenofuran

Concen: 32.67 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020301.D

Acq: 19 Dec 2015 8:06

Instrument :

BNA_G

ClientSampleId :

D9N45

Tot Ion:168 Resp: 171792

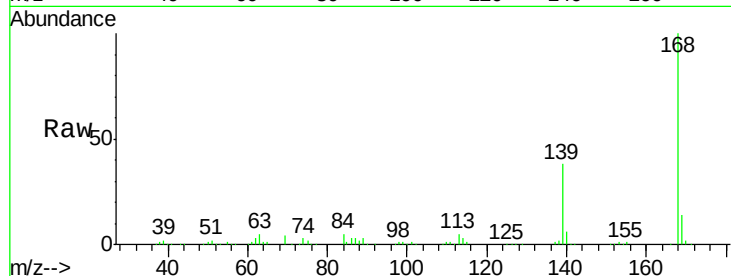
Ion Ratio Lower Upper

168 100

139 37.8 30.5 45.7

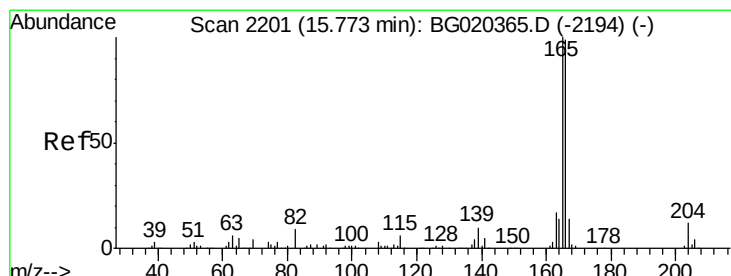
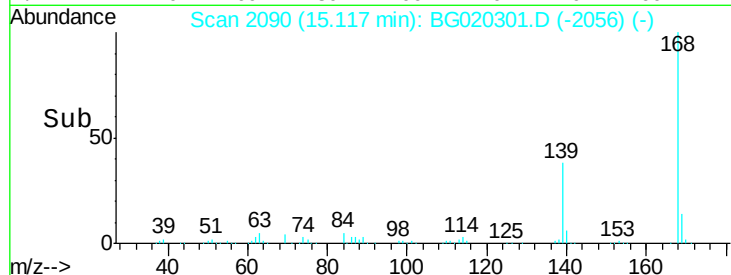
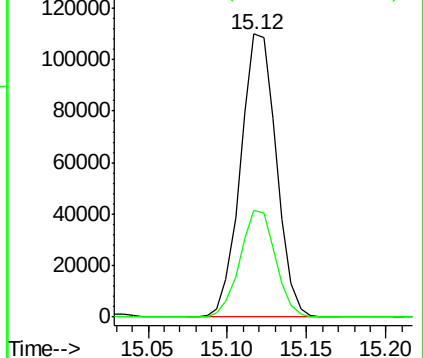
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 34.02 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG020301.D

Acq: 19 Dec 2015 8:06

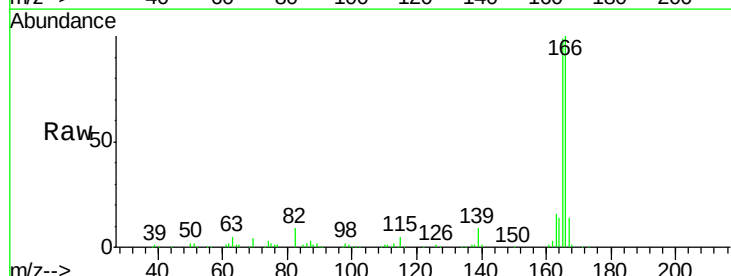
Tgt Ion:166 Resp: 143668

Ion Ratio Lower Upper

166 100

165 99.1 81.4 122.0

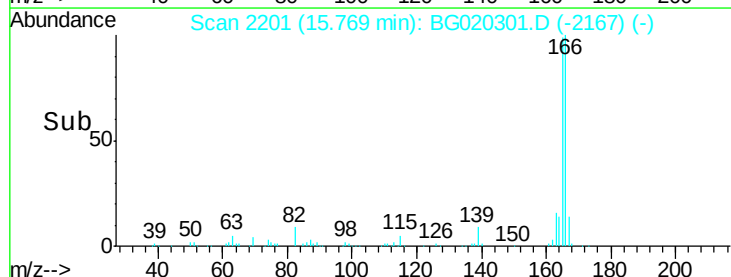
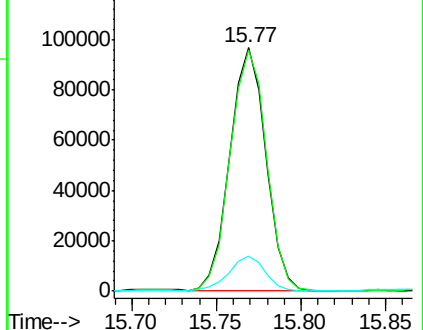
167 14.4 11.2 16.8

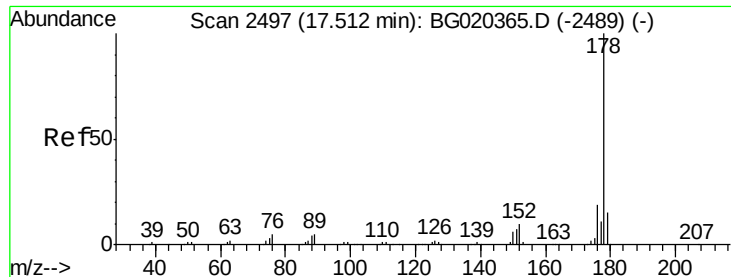


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 44.24 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020301.D

Acq: 19 Dec 2015 8:06

Instrument :

BNA_G

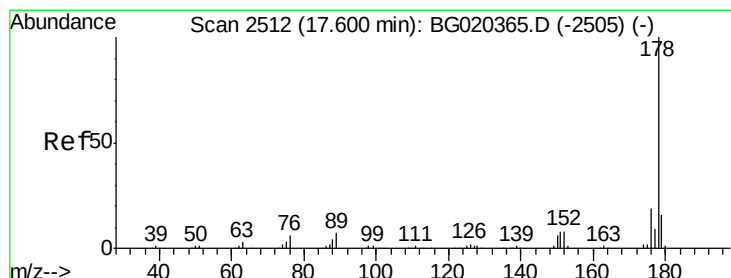
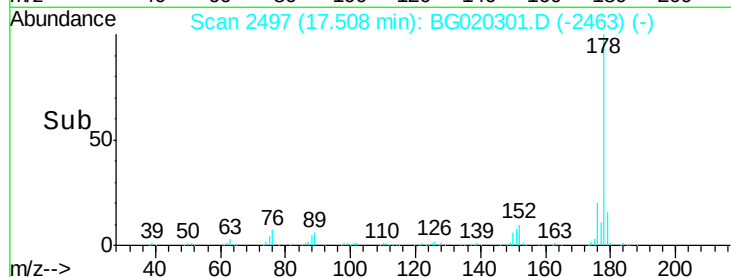
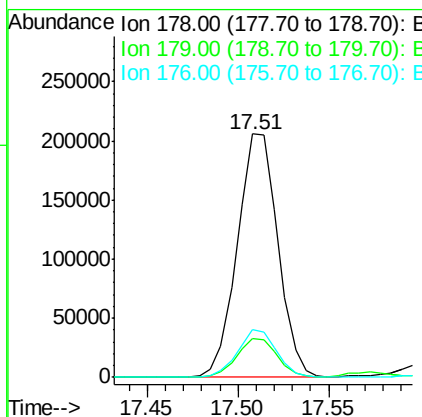
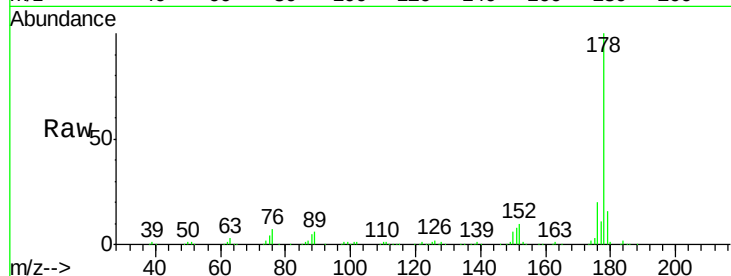
ClientSampleId :

D9N45

Tot Ion:	178	Resp:	320745
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	19.6	15.3	22.9

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#72

Anthracene

Concen: 2.62 ng/ul m

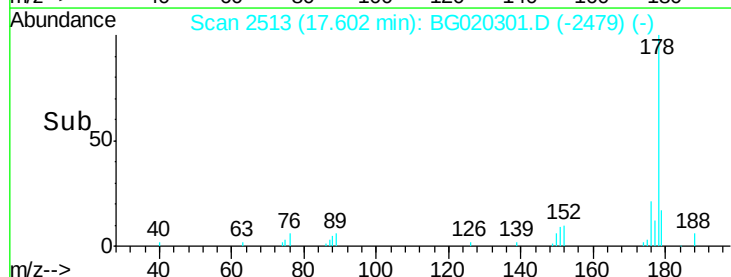
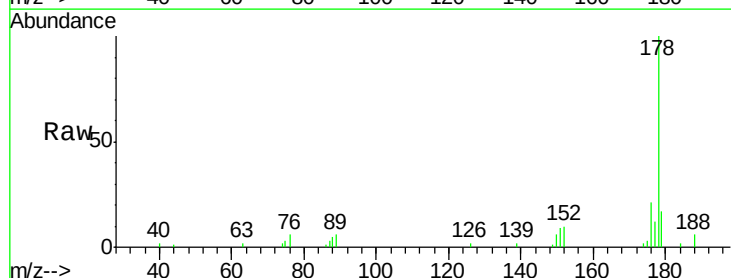
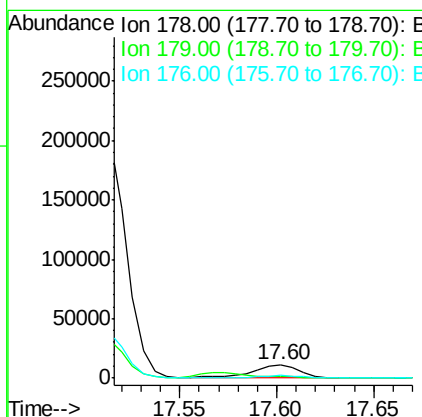
RT: 17.60 min Scan# 2513

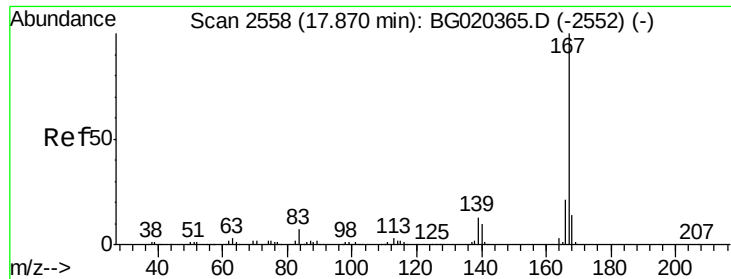
Delta R.T. -0.00 min

Lab File: BG020301.D

Acq: 19 Dec 2015 8:06

Tgt Ion:	178	Resp:	19301
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.3	18.5
176	21.5	14.3	21.5





#75

Carbazole

Concen: 9.38 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020301.D

Acq: 19 Dec 2015 8:06

Instrument :

BNA_G

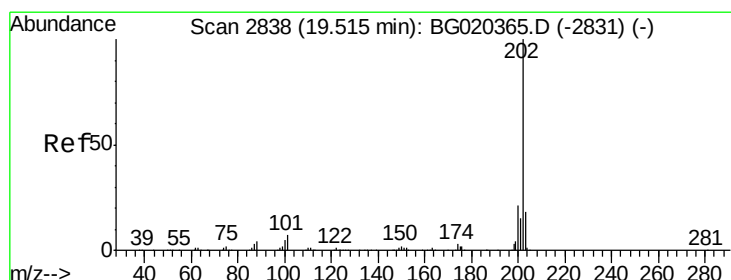
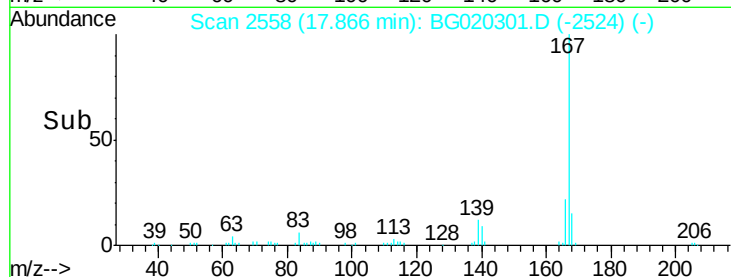
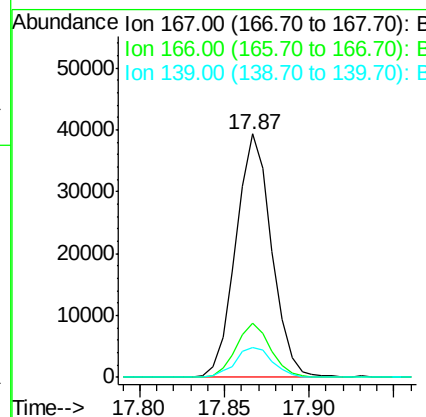
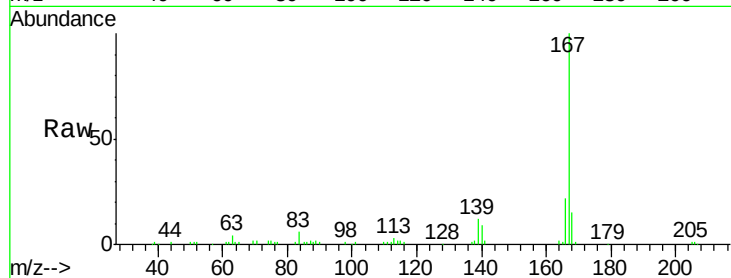
ClientSampleId :

D9N45

Tot Ion:	167	Resp:	57928
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.0	25.6
139	12.1	10.1	15.1

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#77

Fluoranthene

Concen: 5.15 ng/ul

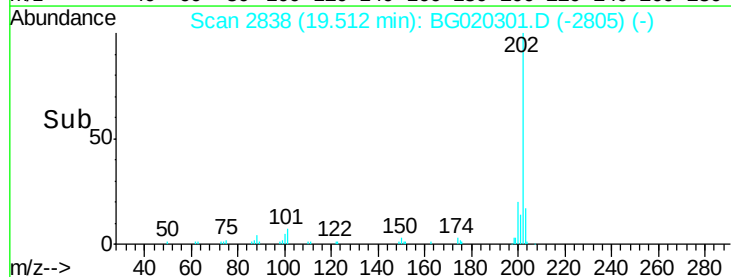
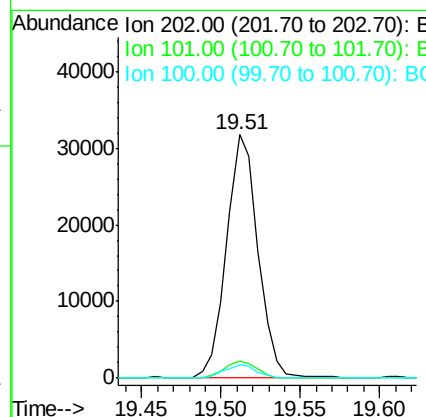
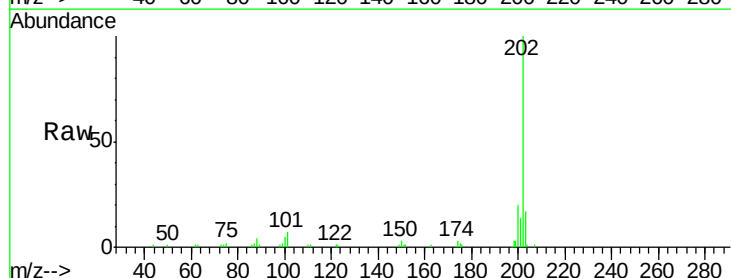
RT: 19.51 min Scan# 2838

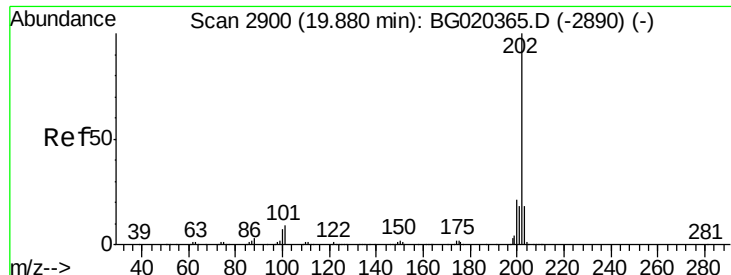
Delta R.T. -0.01 min

Lab File: BG020301.D

Acq: 19 Dec 2015 8:06

Tgt Ion:	202	Resp:	43633
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.2	9.4
100	5.5	5.1	7.7





#80
 Pvrene
 Concen: 2.41 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG020301.D
 Acq: 19 Dec 2015 8:06

Instrument :
 BNA_G
 ClientSampleId :
 D9N45

Tot Ion:	202	Resp:	25926
Ion Ratio	Lower	Upper	
202	100		
101	8.4	7.0	10.4
100	7.0	6.4	9.6

Manual Integrations
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