

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020285.D
 Acq On : 18 Dec 2015 21:31
 Operator : UM/SJ
 Sample : G4768-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N30

Manual Integrations
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Quant Time: Dec 19 04:12:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 00:45:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	72485	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	53686	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	140271	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	180742	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	167862	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	378	1.25	ng/uL	0.00
5) Phenol-d5	7.24	99	9767	6.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	27041	30.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	29128	27.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	19010	15.07	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	19071	33.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	22604	35.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	39123	30.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	1677m	1.17	ng/ul	-0.02
44) Dimethylphthalate-d6	14.12	166	155464	35.80	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	173466	34.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4640	5.96	ng/ul	0.00
58) Fluorene-d10	15.72	176	138069	35.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	25458	30.62	ng/ul	0.00
71) Anthracene-d10	17.57	188	221064	34.20	ng/ul	0.00
79) Pyrene-d10	19.85	212	271092	32.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	296989	35.47	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.96	128	89252	23.58	ng/ul	100
34) 2-Methylnaphthalene	12.56	142	44062	15.24	ng/ul	93
35) 1-Methylnaphthalene	12.78	142	46348	16.67	ng/ul	94
41) 1,1'-Biphenyl	13.56	154	42994	10.62	ng/ul	92
48) Acenaphthylene	14.45	152	15535	2.89	ng/ul	98
50) Acenaphthene	14.79	153	252265	69.85	ng/ul	100
54) Dibenzofuran	15.12	168	165398	30.79	ng/ul	99
59) Fluorene	15.77	166	160073	37.10	ng/ul	99
70) Phenanthrene	17.51	178	459381	59.87	ng/ul	99
72) Anthracene	17.60	178	28424m	3.65	ng/ul	
75) Carbazole	17.87	167	42708	6.53	ng/ul	99
77) Fluoranthene	19.52	202	133325	14.87	ng/ul	96
80) Pyrene	19.88	202	78449	7.17	ng/ul	97

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

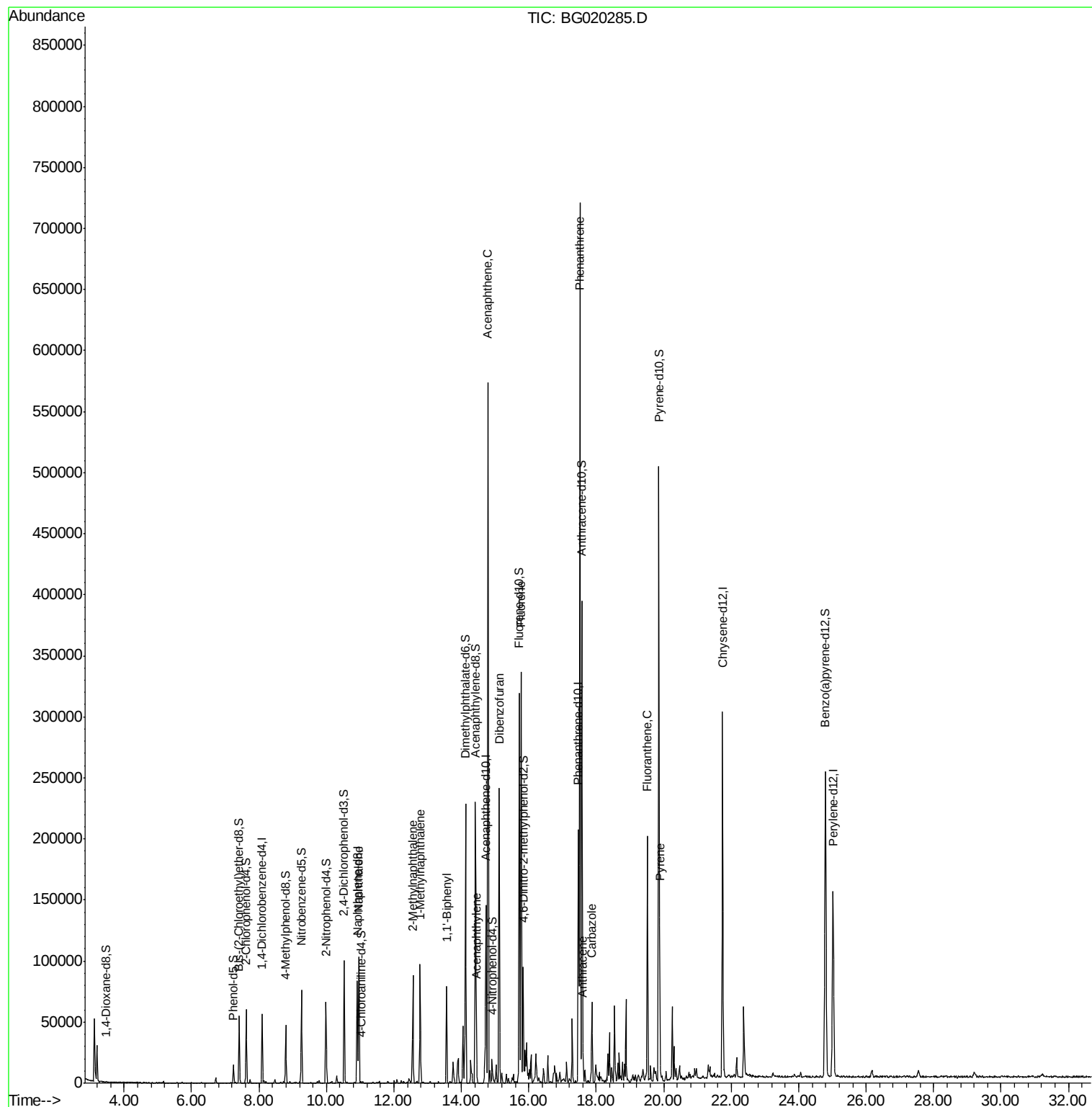
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020285.D
Acq On : 18 Dec 2015 21:31
Operator : UM/SJ
Sample : G4768-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

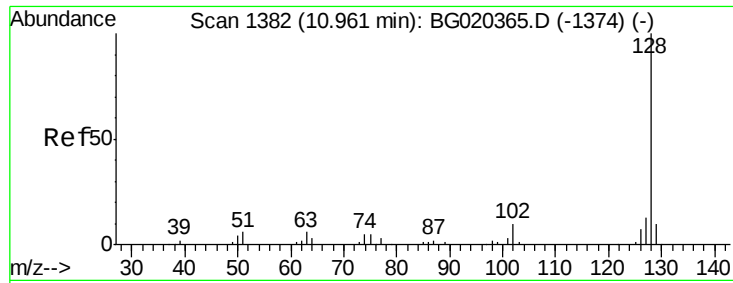
Instrument :
BNA_G
ClientSampleId :
D9N30

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Quant Time: Dec 19 04:12:39 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 23.58 ng/ul

RT: 10.96 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG020285.D

Acq: 18 Dec 2015 21:31

Instrument :

BNA_G

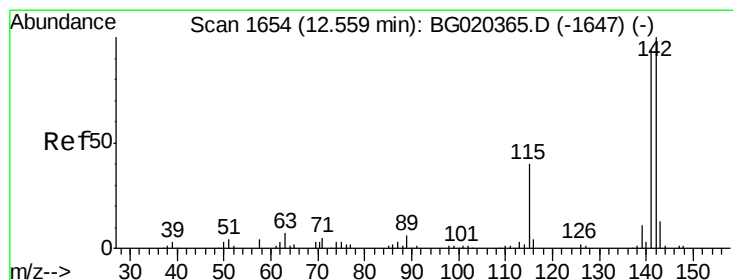
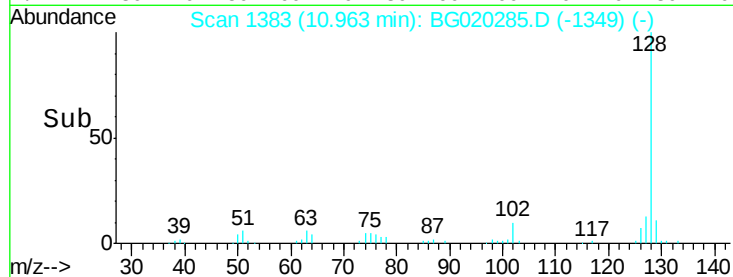
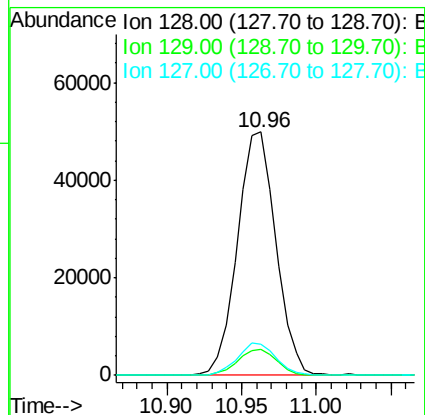
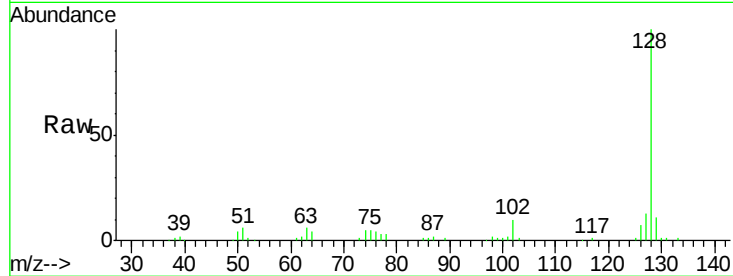
ClientSampleId :

D9N30

Tot Ion:	128	Resp:	89252
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	12.6	10.1	15.1

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#34

2-Methylnaphthalene

Concen: 15.24 ng/ul

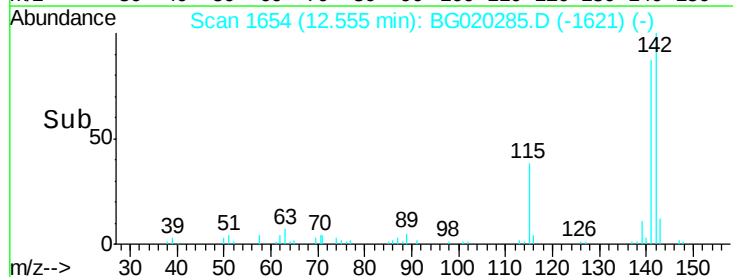
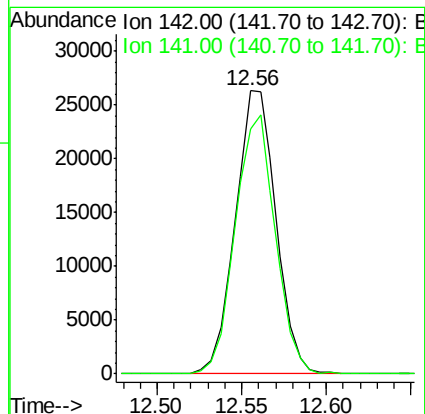
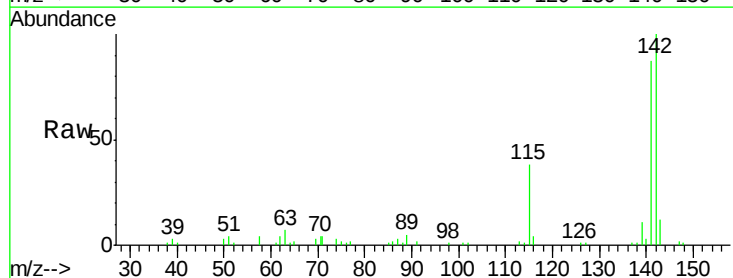
RT: 12.56 min Scan# 1654

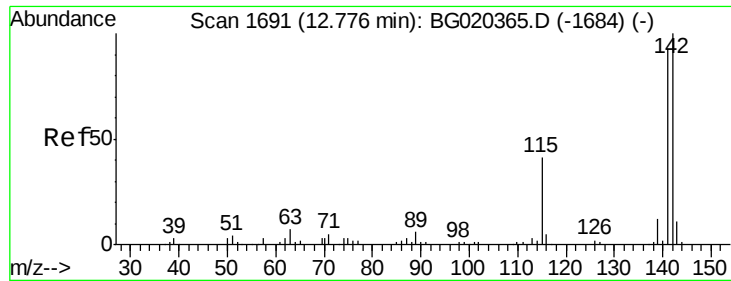
Delta R.T. -0.01 min

Lab File: BG020285.D

Acq: 18 Dec 2015 21:31

Tgt Ion:	142	Resp:	44062
Ion Ratio	Lower	Upper	
142	100		
141	86.6	74.9	112.3





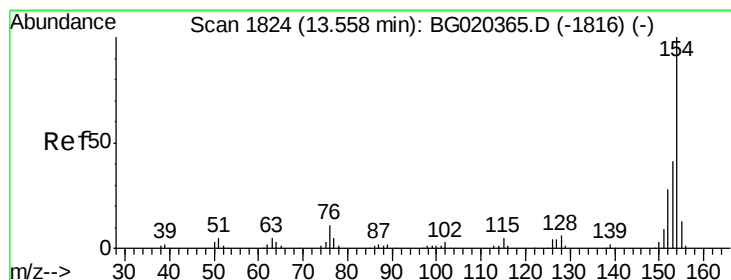
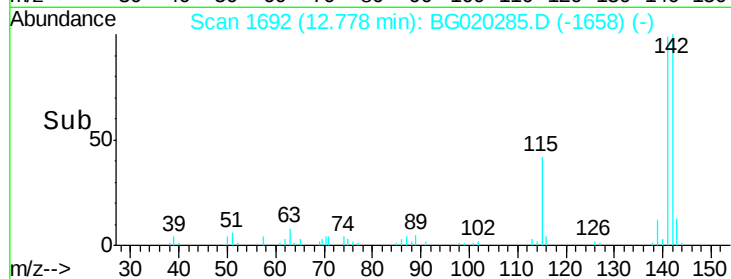
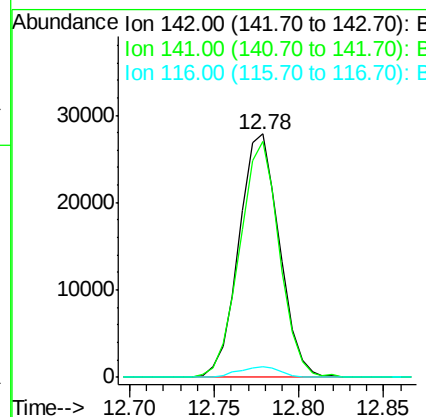
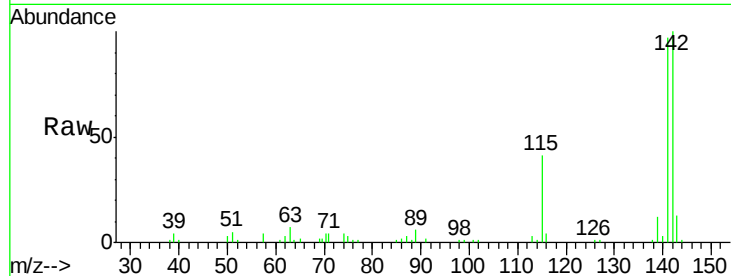
#35
 1-Methylnaphthalene
 Concen: 16.67 ng/ul
 RT: 12.78 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG020285.D
 Acq: 18 Dec 2015 21:31

Instrument :
 BNA_G
 ClientSampleId :
 D9N30

Tot Ion	Ratio	Lower	Upper
142	100		
141	97.1	73.0	109.6
116	4.3	3.0	4.6

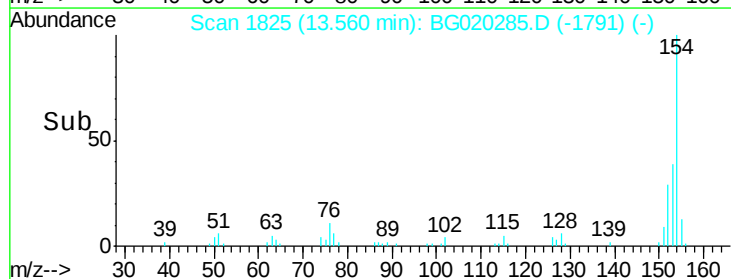
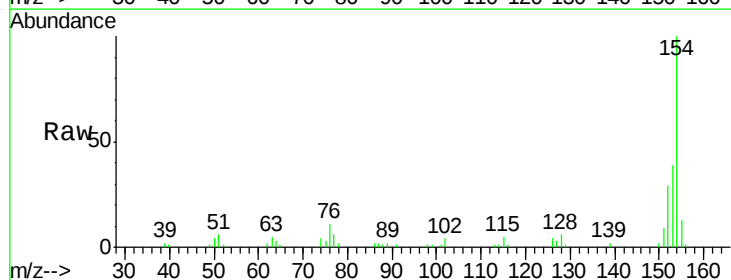
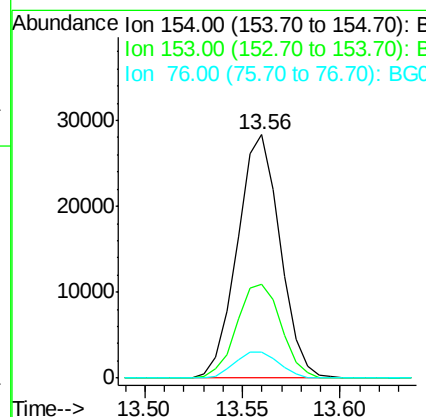
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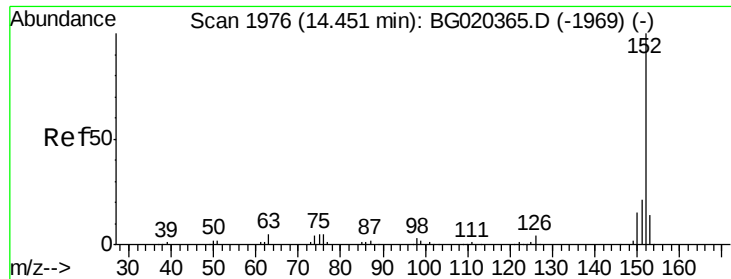
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#41
 1,1'-Biphenyl
 Concen: 10.62 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BG020285.D
 Acq: 18 Dec 2015 21:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.8	35.5	53.3
76	10.7	10.4	15.6





#48

Acenaphthylene

Concen: 2.89 ng/ul

RT: 14.45 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG020285.D

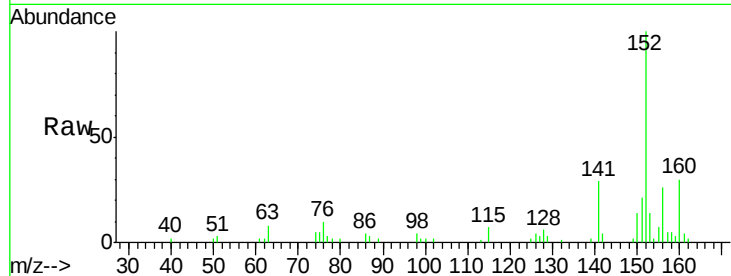
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Instrument :

BNA_G

ClientSampleId :

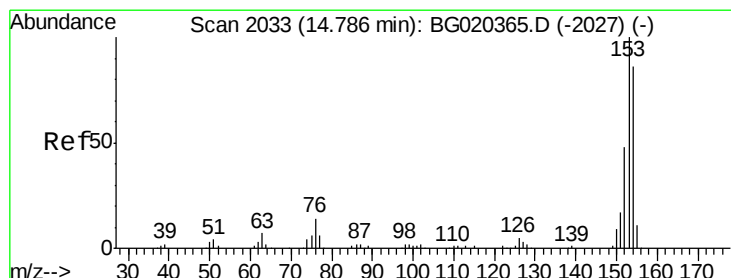
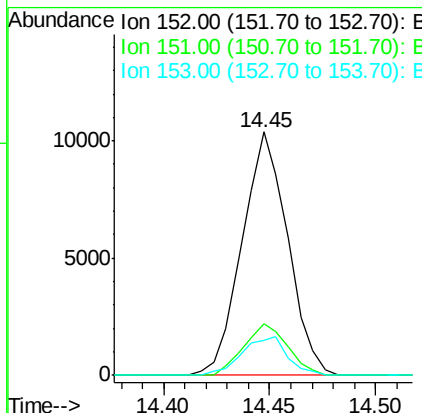
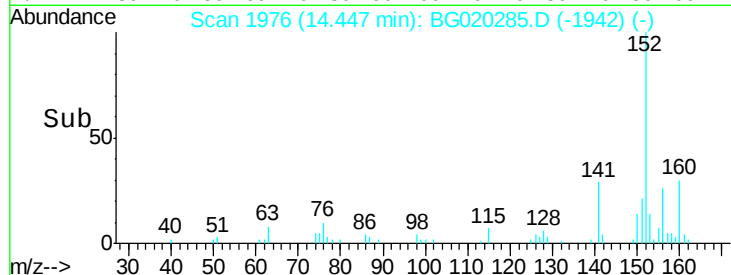
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Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.4	24.6
153	14.4	10.4	15.6

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#50

Acenaphthene

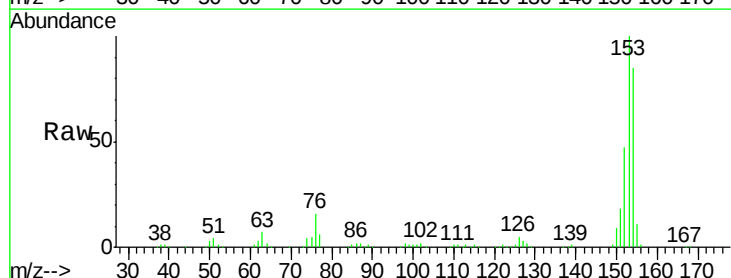
Concen: 69.85 ng/ul

RT: 14.79 min Scan# 2034

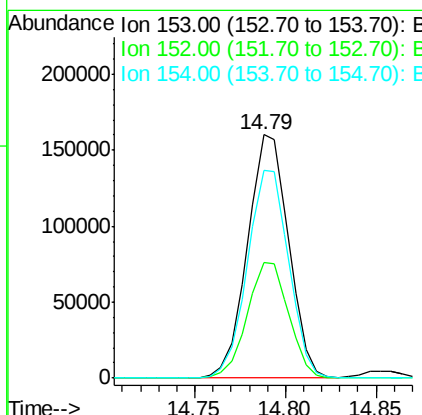
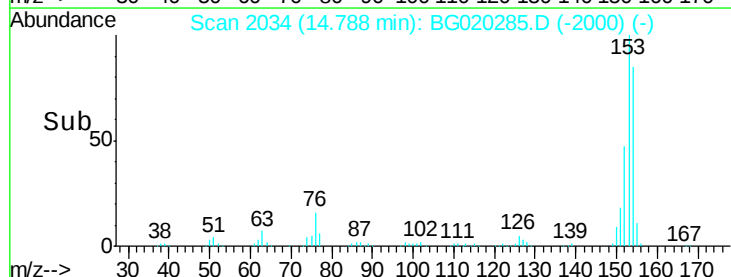
Delta R.T. -0.00 min

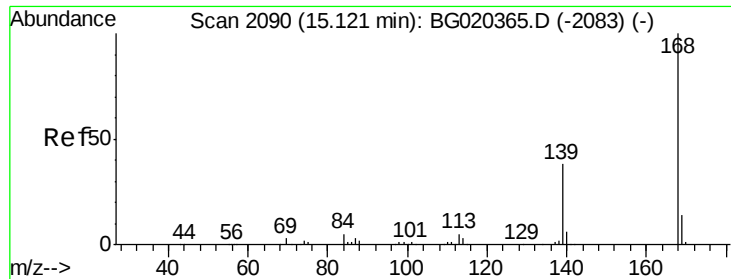
Lab File: BG020285.D

Acq: 18 Dec 2015 21:31



Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.6	56.4
154	85.1	67.9	101.9





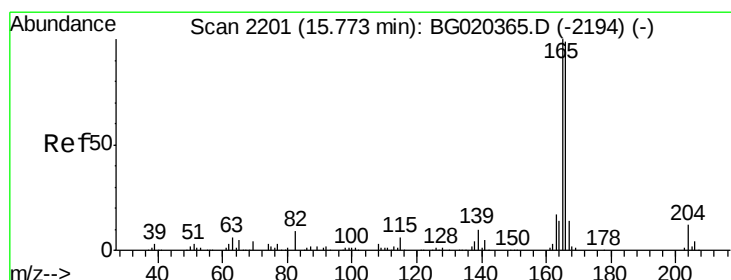
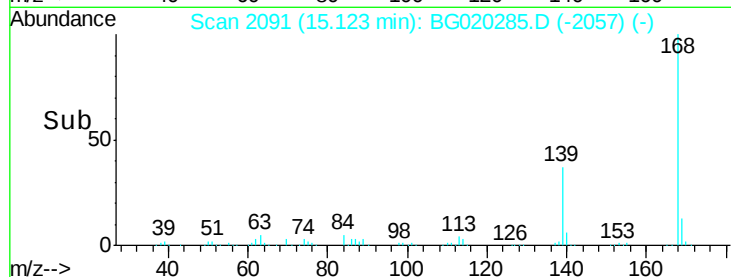
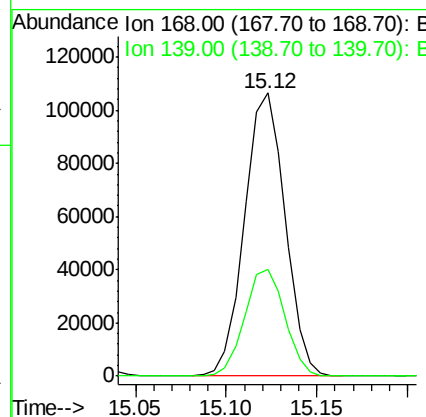
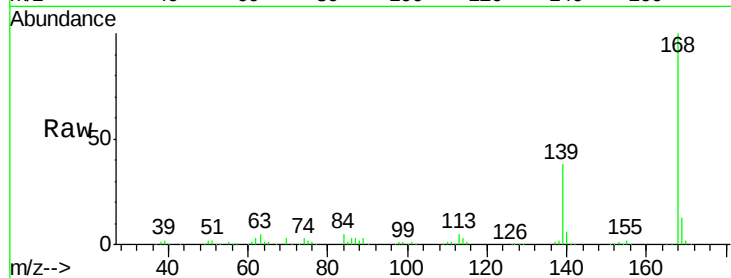
#54
Dibenzenofuran
Concen: 30.79 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG020285.D
Acq: 18 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
D9N30

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.5	45.7

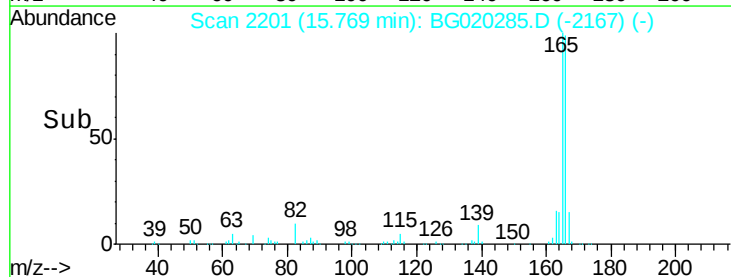
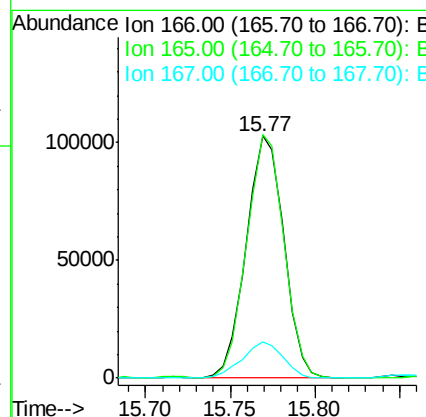
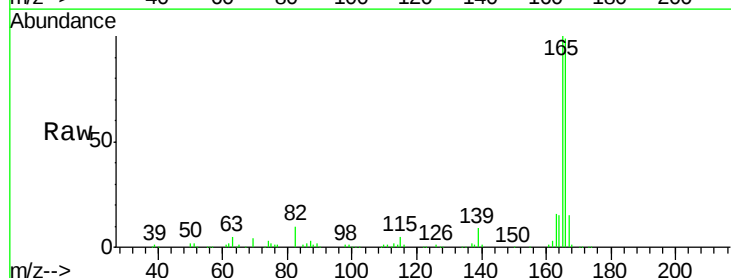
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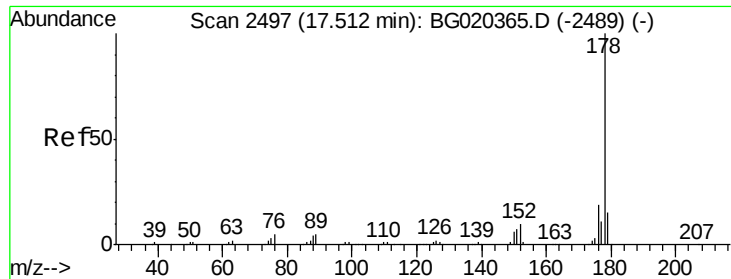
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#59
Fluorene
Concen: 37.10 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020285.D
Acq: 18 Dec 2015 21:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	81.4	122.0
167	15.1	11.2	16.8





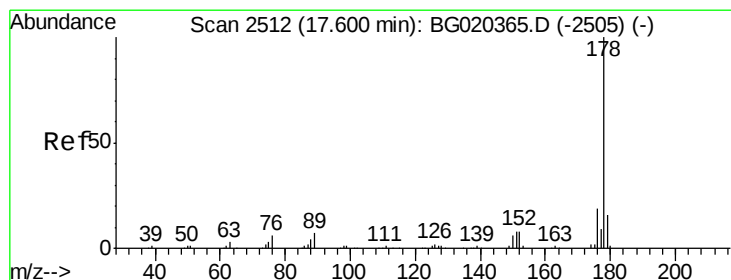
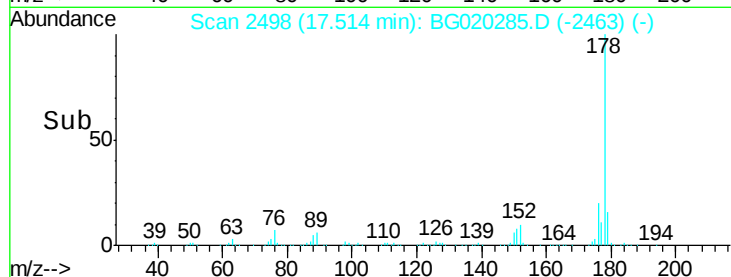
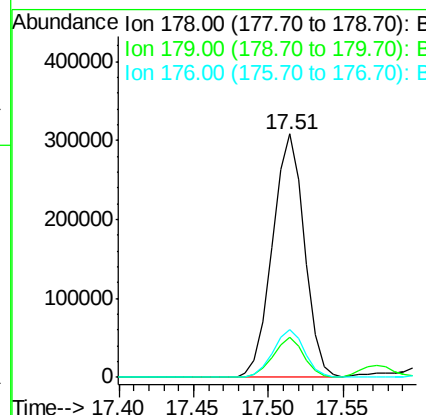
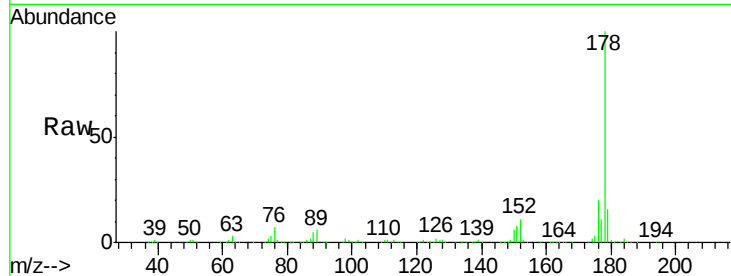
#70
Phenanthrene
Concen: 59.87 ng/ul
RT: 17.51 min Scan# 2498
Delta R.T. 0.01 min
Lab File: BG020285.D
Acq: 18 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
D9N30

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.5	15.3	22.9

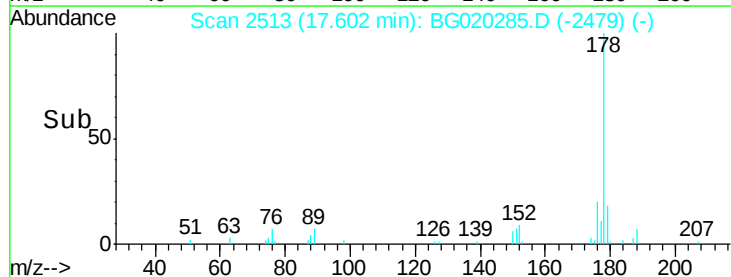
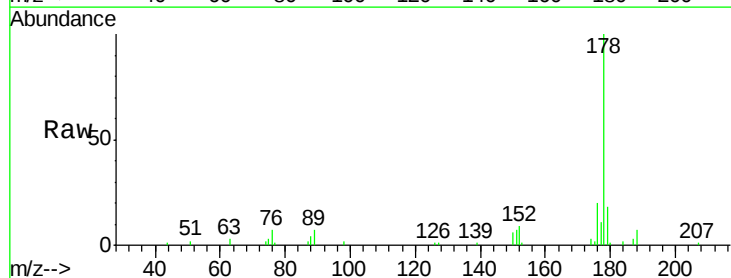
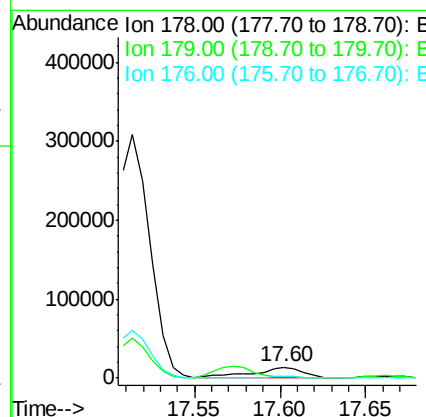
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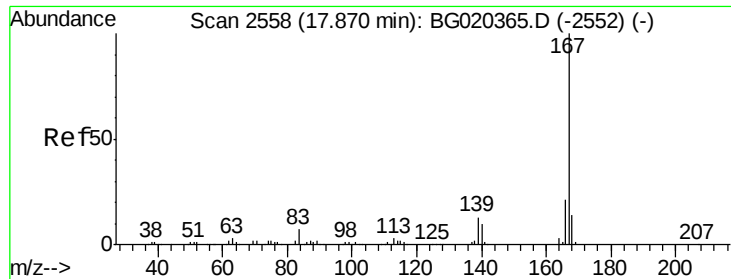
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#72
Anthracene
Concen: 3.65 ng/ul m
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG020285.D
Acq: 18 Dec 2015 21:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.3	18.5
176	20.4	14.3	21.5





#75

Carbazole

Concen: 6.53 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG020285.D

Acq: 18 Dec 2015 21:31

Instrument :

BNA_G

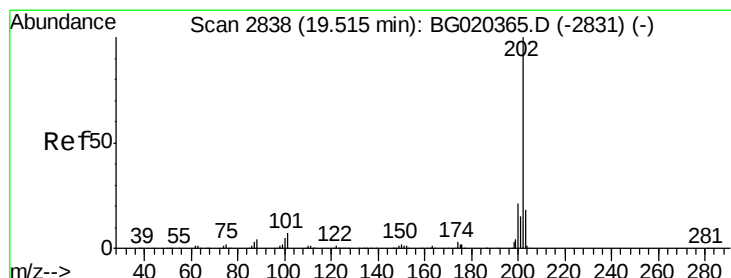
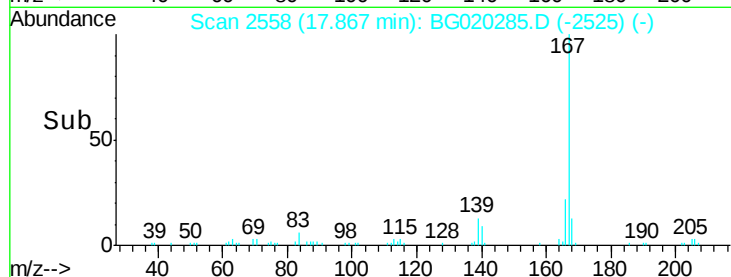
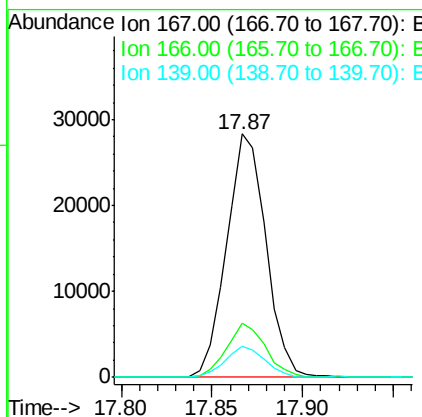
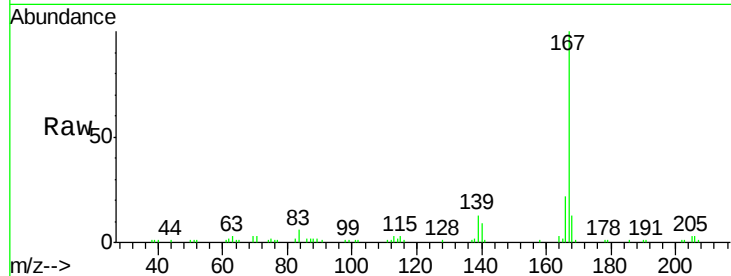
ClientSampleId :

D9N30

Tot Ion:	167	Resp:	42708
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.0	25.6
139	12.8	10.1	15.1

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#77

Fluoranthene

Concen: 14.87 ng/ul

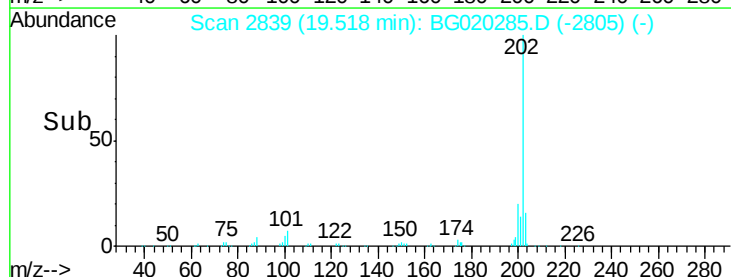
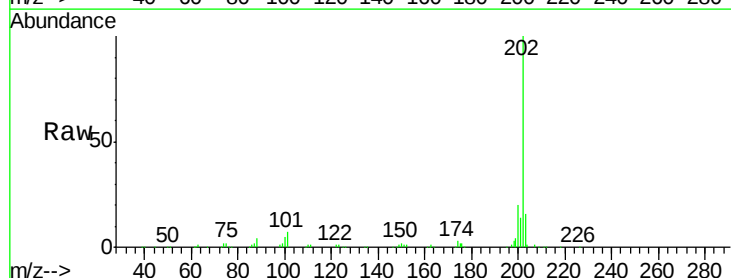
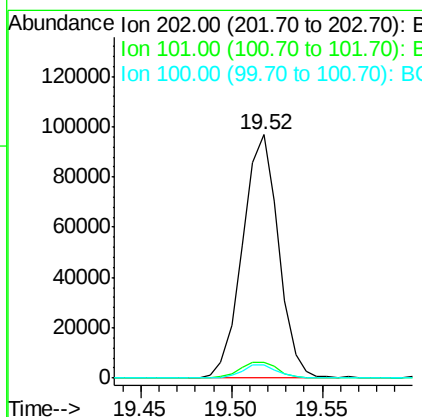
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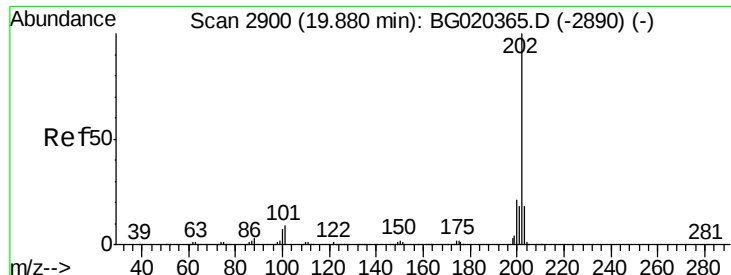
Delta R.T. -0.00 min

Lab File: BG020285.D

Acq: 18 Dec 2015 21:31

Tgt Ion:	202	Resp:	133325
Ion Ratio	Lower	Upper	
202	100		
101	6.6	6.2	9.4
100	5.2	5.1	7.7





#80
 Pvrene
 Concen: 7.17 ng/ul
 RT: 19.88 min Scan# 2901
 Delta R.T. -0.00 min
 Lab File: BG020285.D
 Acq: 18 Dec 2015 21:31

Instrument :
 BNA_G
 ClientSampleId :
 D9N30

Tot Ion:	202	Resp:	78449
Ion Ratio	Lower	Upper	
202	100		
101	7.2	7.0	10.4
100	7.2	6.4	9.6

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