

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096632.D
 Acq On : 11 Jul 2017 6:23
 Operator : SJ/JU
 Sample : I4081-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202

Quant Time: Jul 11 08:34:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

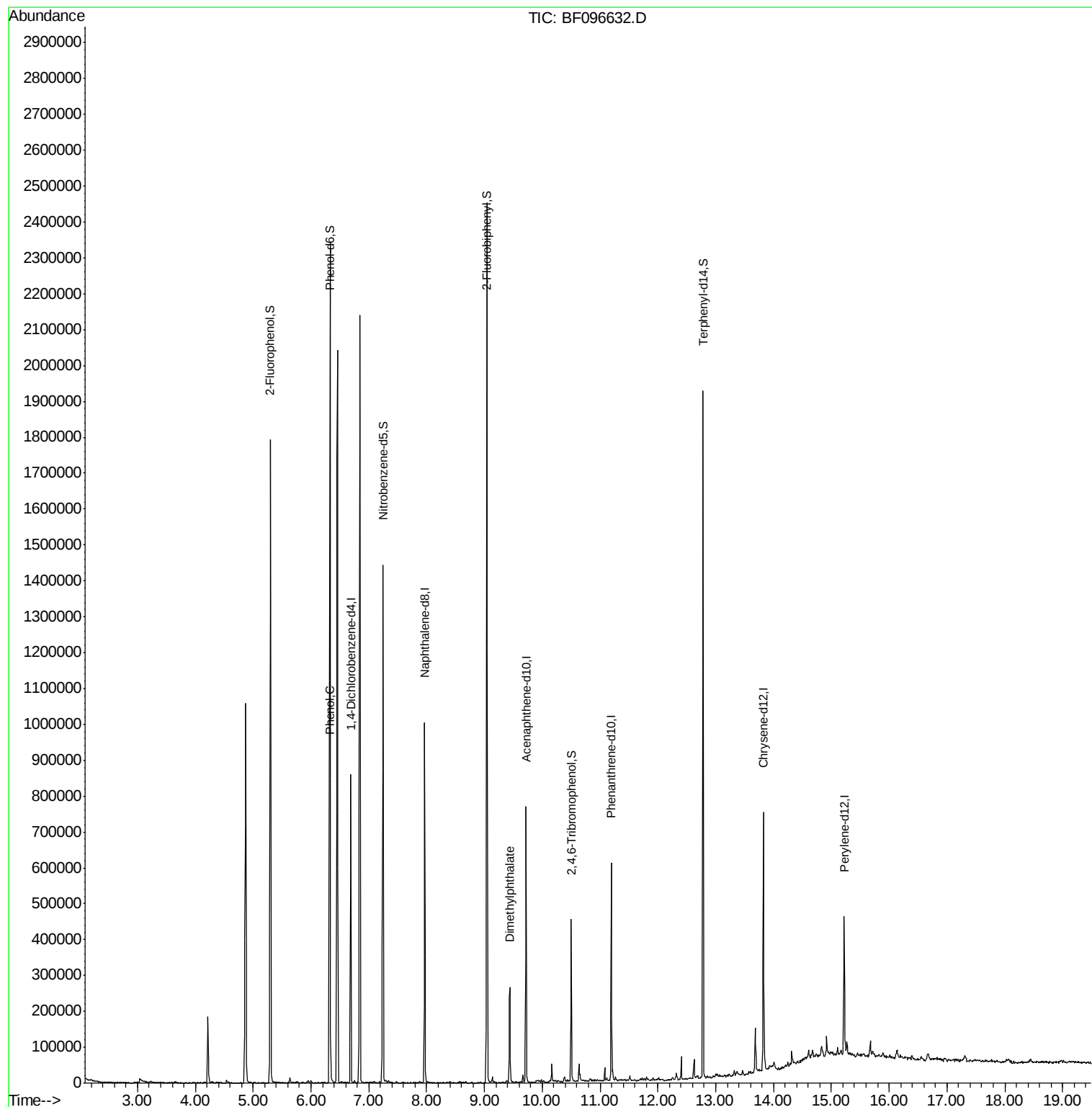
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113421	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	427038	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	156255	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	228175	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	244075	20.00	ng	-0.02
86) Perylene-d12	15.22	264	162543	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	466566	60.72	ng	-0.01
7) Phenol-d6	6.33	99	799436	84.62	ng	-0.02
23) Nitrobenzene-d5	7.25	82	451212	63.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	47632	39.03	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	773141	84.60	ng	-0.02
78) Terphenyl-d14	12.78	244	595077	52.10	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	22318	2.07	ng	90
49) Dimethylphthalate	9.44	163	108982	9.34	ng	97

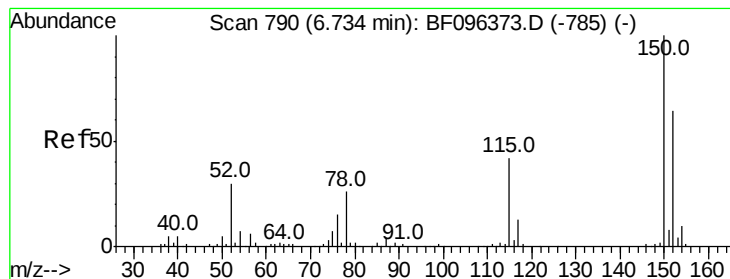
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

Instrument :

BNA_F

ClientSampleId :

VNJ-202

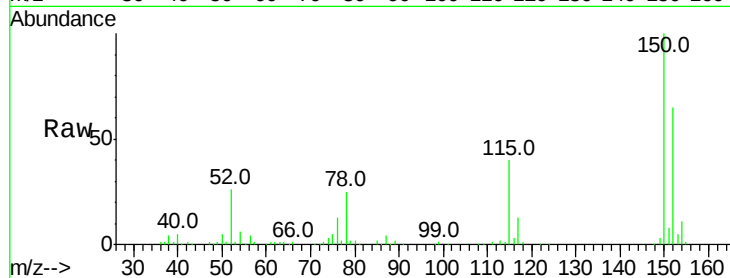
Tot Ion:152 Resp: 113421

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

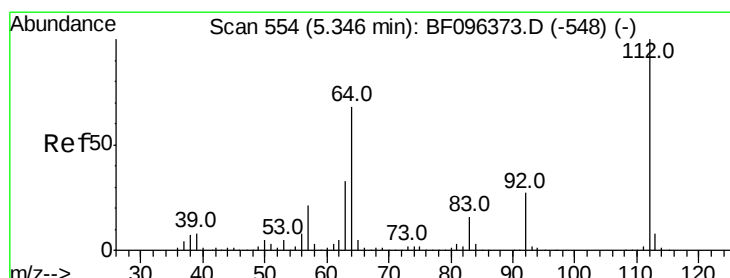
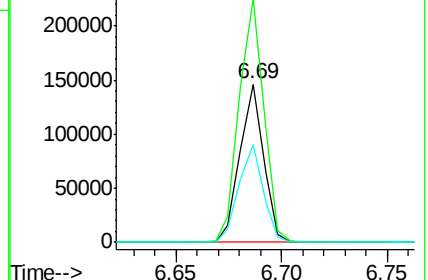
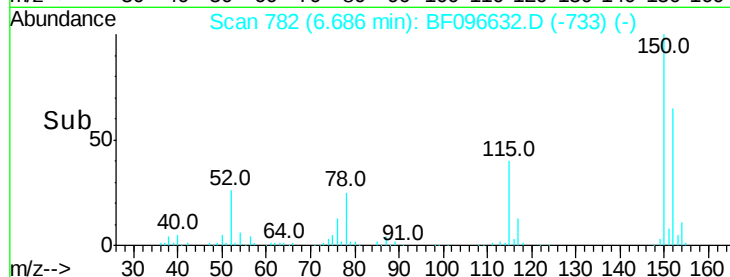
115 61.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 60.72 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

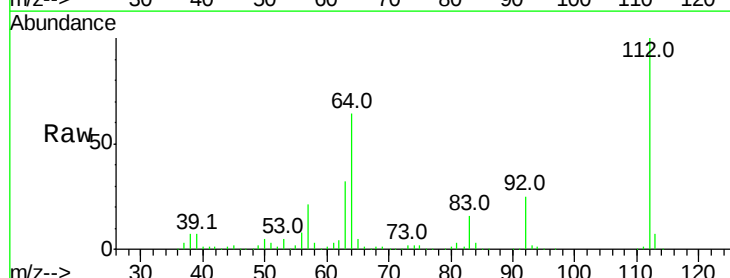
Tgt Ion:112 Resp: 466566

Ion Ratio Lower Upper

112 100

64 63.6 46.0 69.0

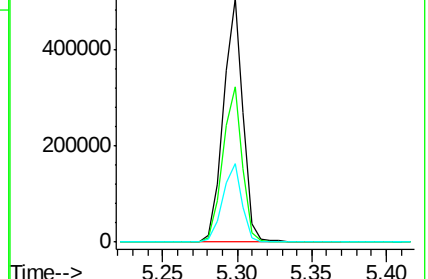
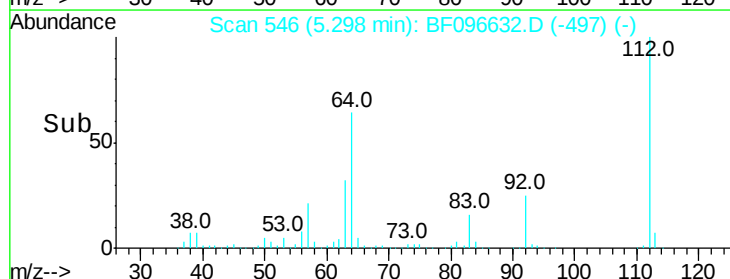
63 32.2 23.4 35.0

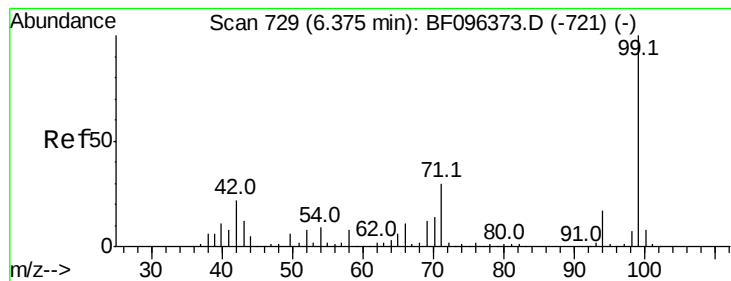


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.62 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

Instrument :

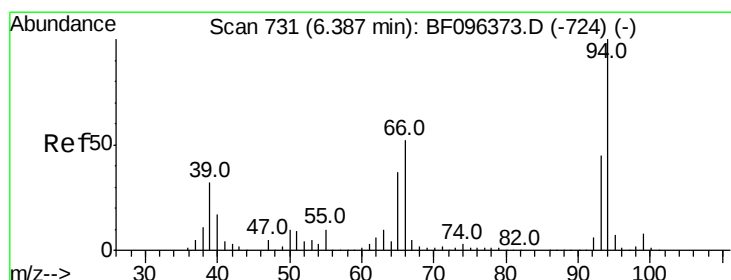
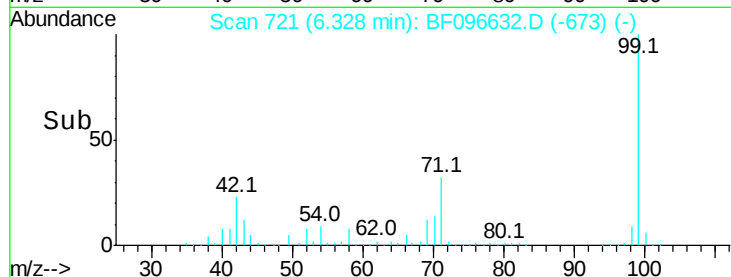
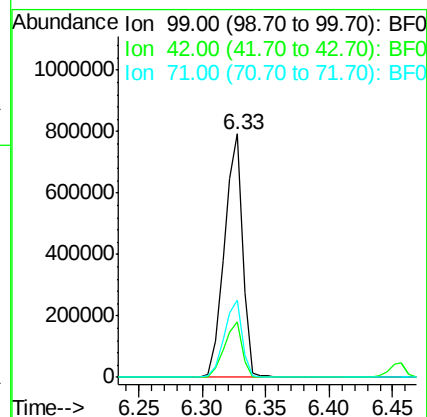
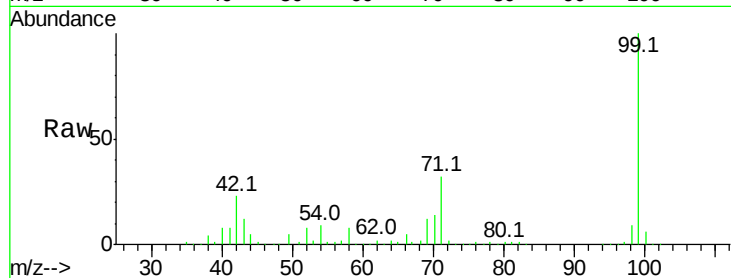
BNA_F

ClientSampled :

VNJ-202

Tot Ion: 99 Resp: 799436

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	31.7	24.5	36.7



#10

Phenol

Concen: 2.07 ng

RT: 6.34 min Scan# 723

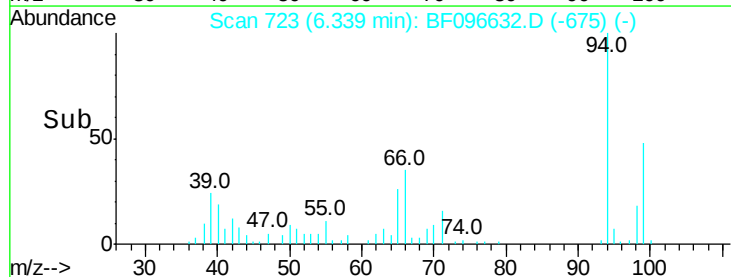
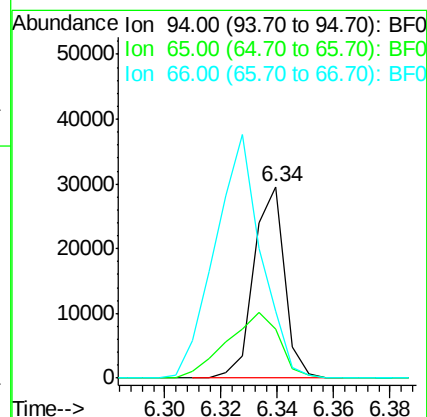
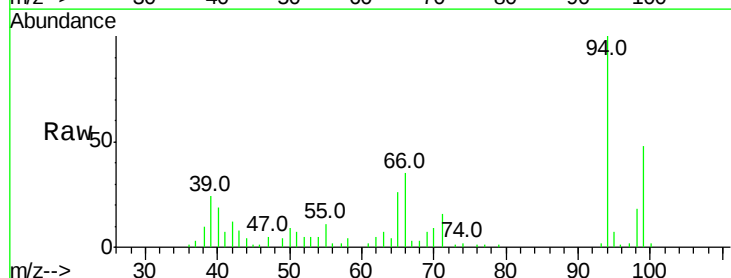
Delta R.T. -0.02 min

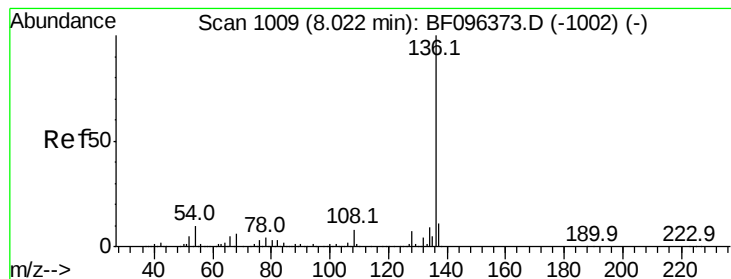
Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

Tgt Ion: 94 Resp: 22318

Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	35.0	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

Instrument :

BNA_F

ClientSampleId :

VNJ-202

Tot Ion:136 Resp: 427038

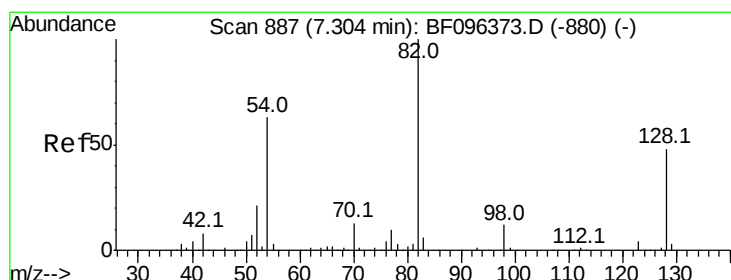
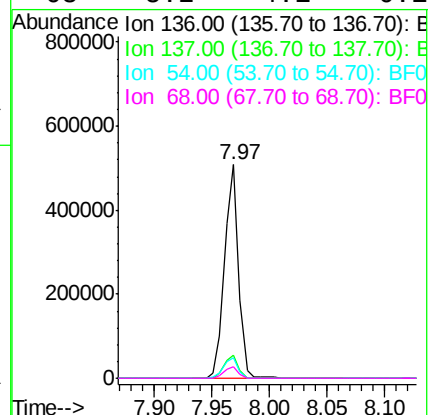
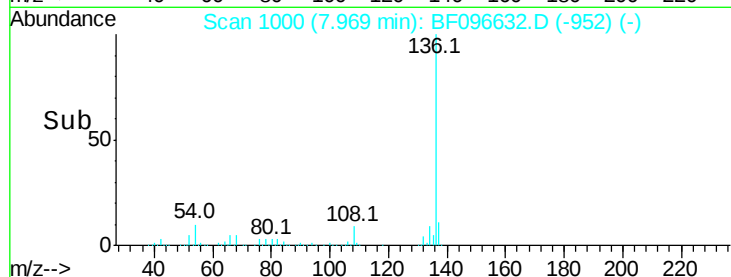
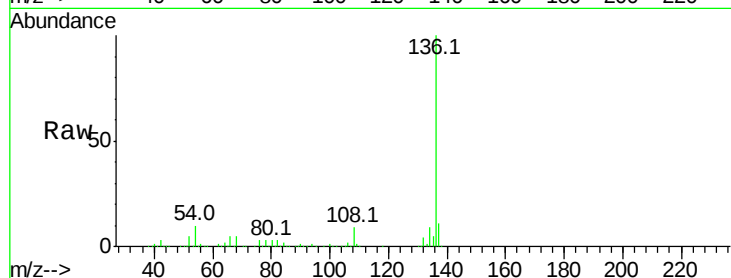
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.7 4.9 7.3#

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 63.49 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

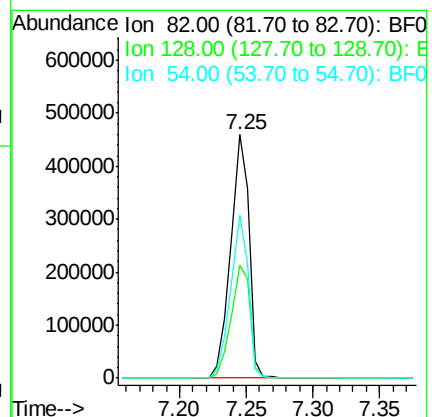
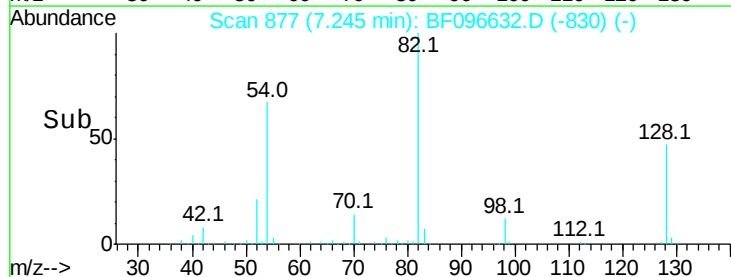
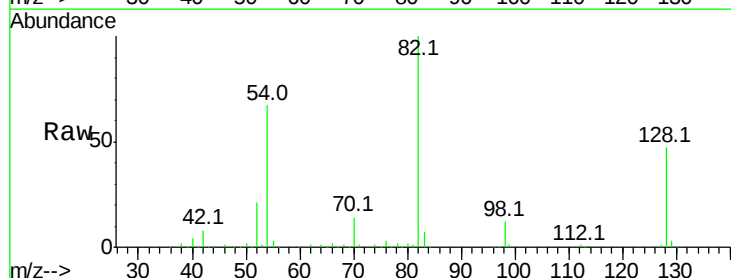
Tgt Ion: 82 Resp: 451212

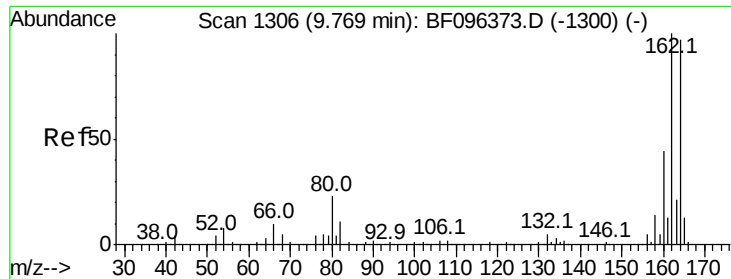
Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

54 66.7 42.2 63.2#

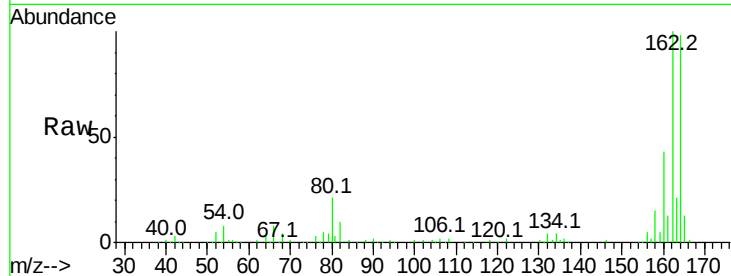




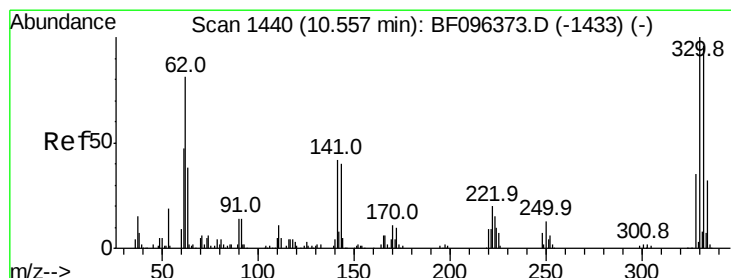
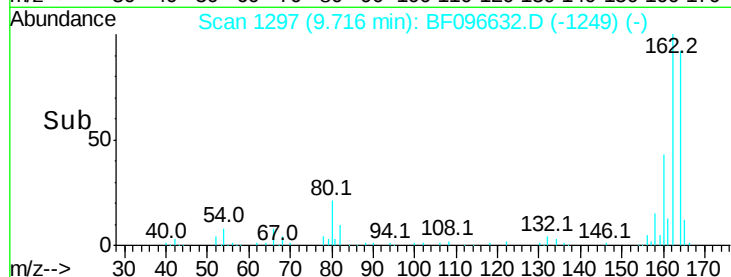
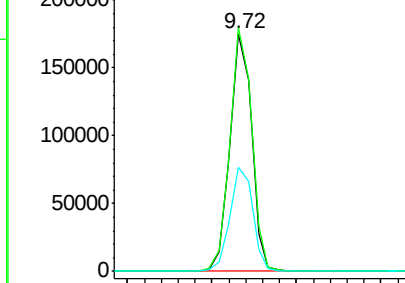
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

Instrument :
BNA_F
ClientSampleId :
VNJ-202

Tot Ion:164 Resp: 156255
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 43.9 36.2 54.2

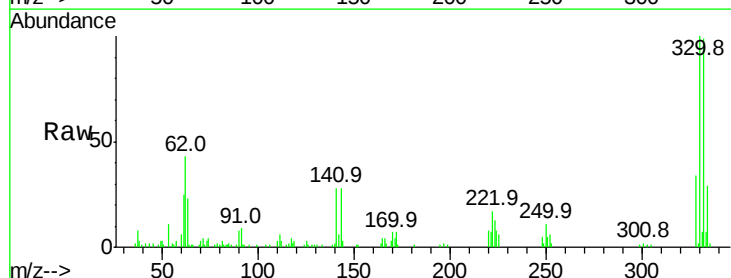


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

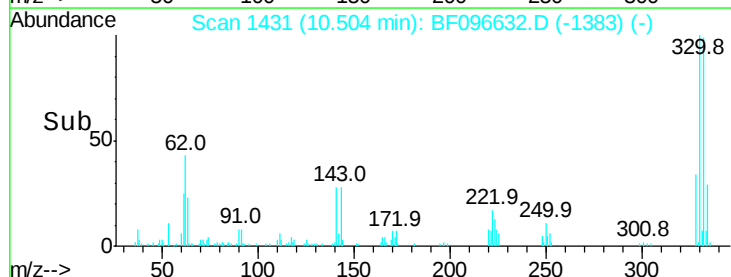
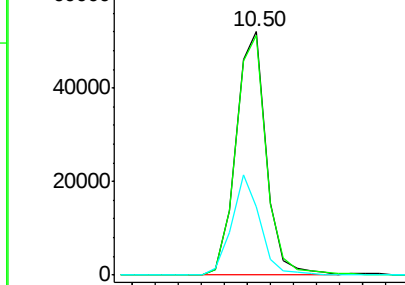


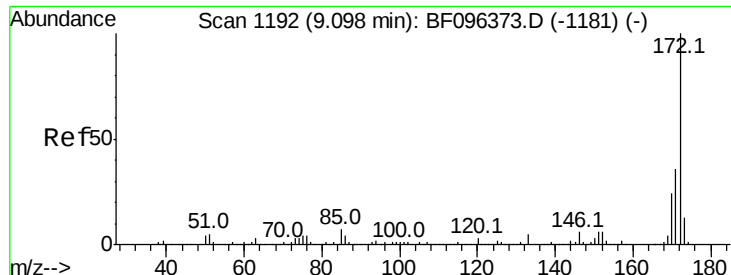
#41
2,4,6-Tribromophenol
Concen: 39.03 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

Tgt Ion:330 Resp: 47632
Ion Ratio Lower Upper
330 100
332 99.8 76.6 115.0
141 38.2 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

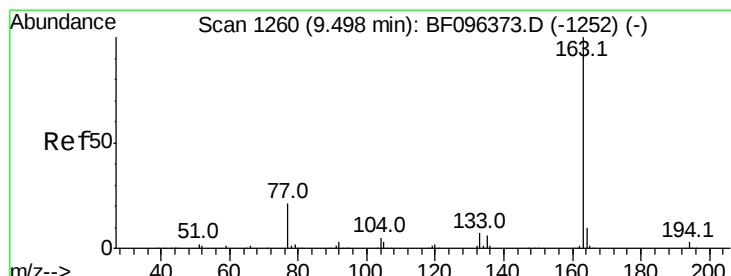
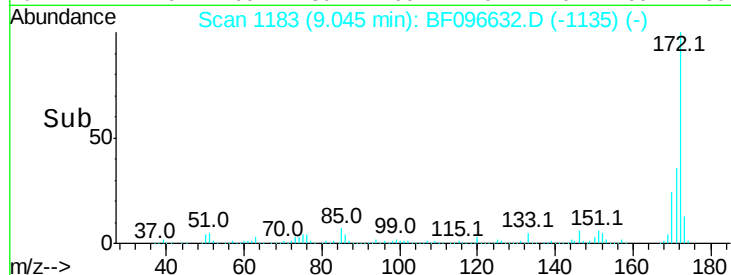
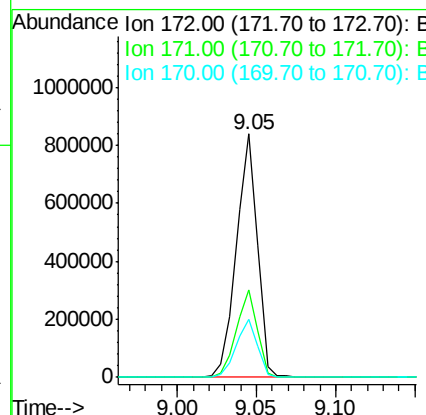
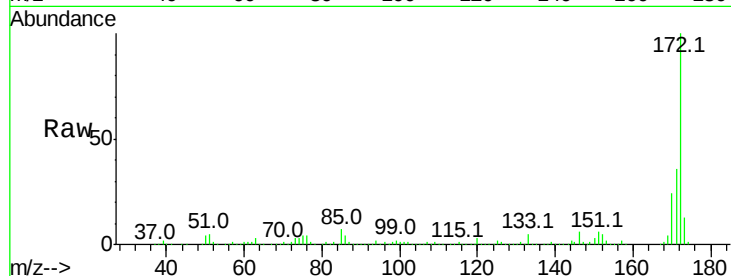




#44
2-Fluorobiphenyl
Concen: 84.60 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

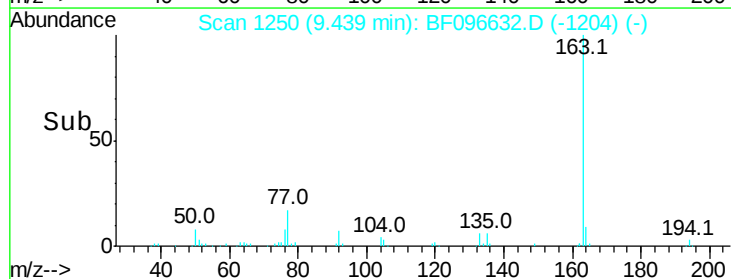
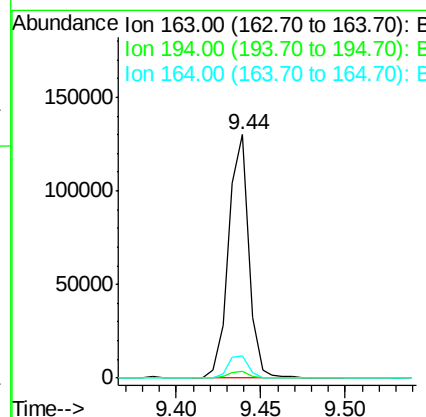
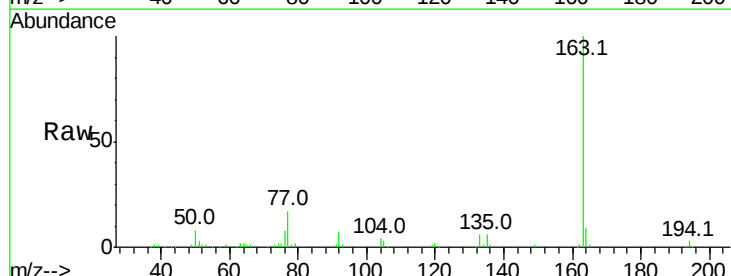
Instrument :
BNA_F
ClientSampled :
VNJ-202

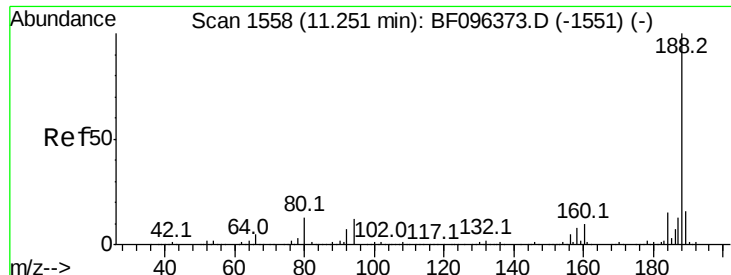
Tot Ion:172 Resp: 773141
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 9.34 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

Tgt Ion:163 Resp: 108982
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 9.2 8.4 12.6

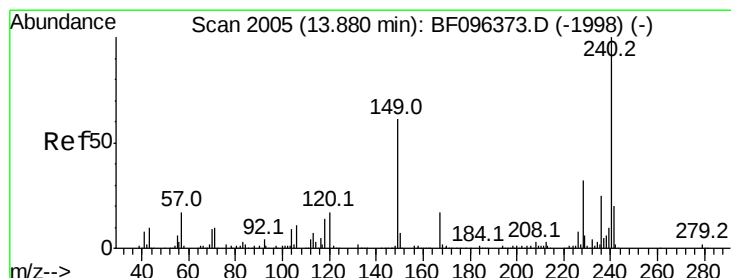
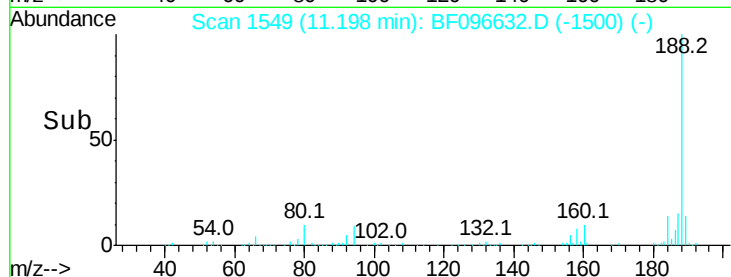
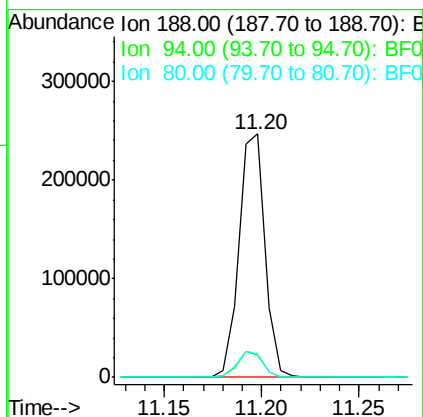
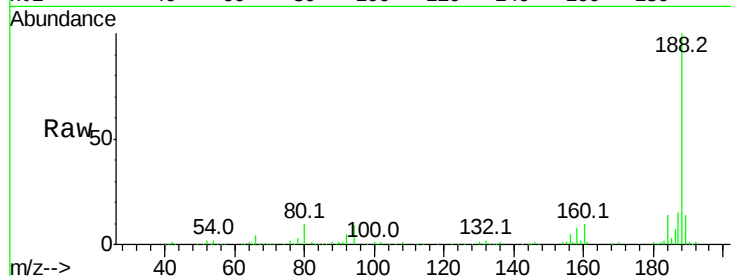




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

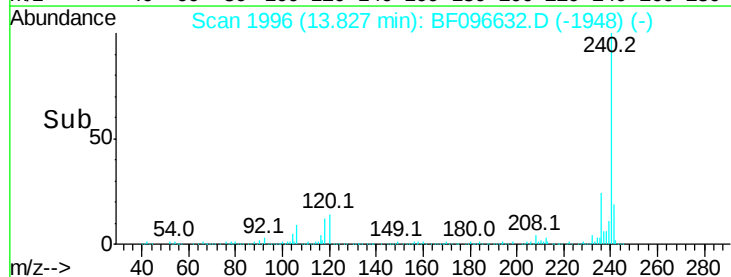
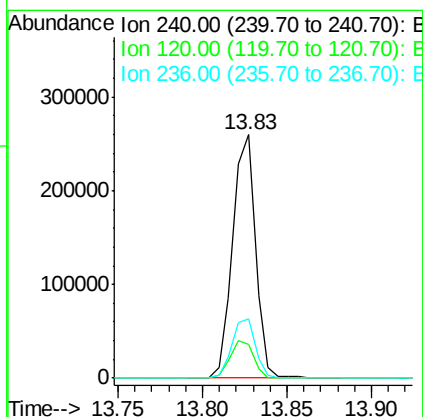
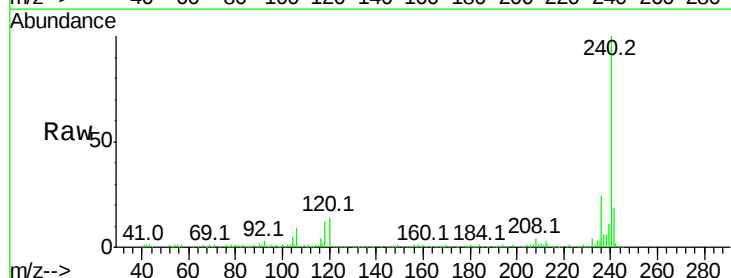
Instrument :
BNA_F
ClientSampleId :
VNJ-202

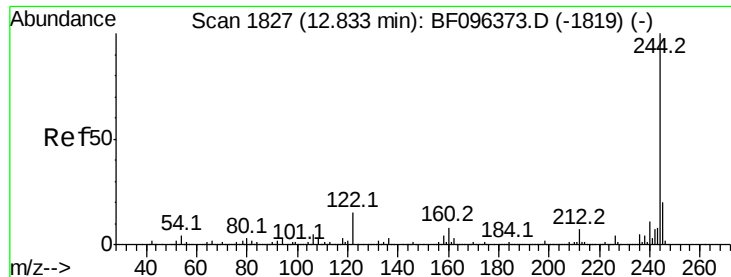
Tot Ion:188 Resp: 228175
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 9.8 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

Tgt Ion:240 Resp: 244075
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 24.3 20.5 30.7

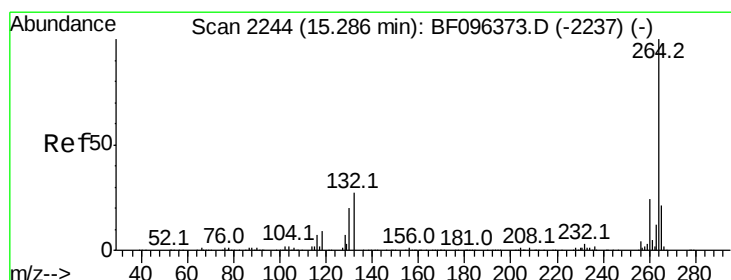
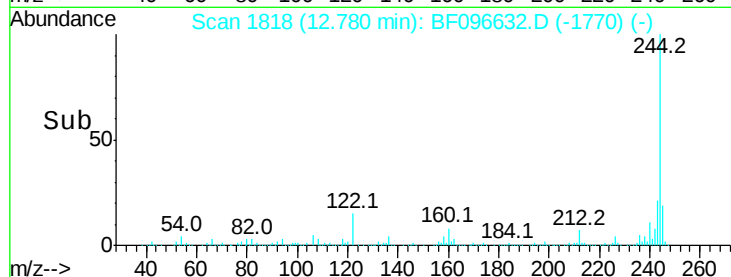
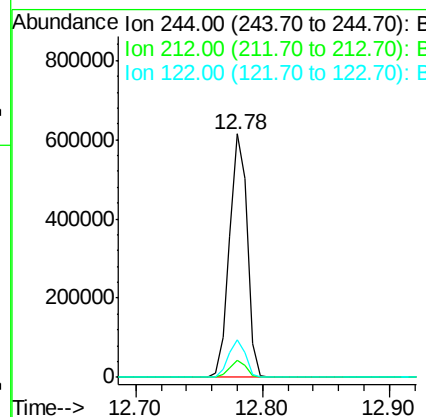
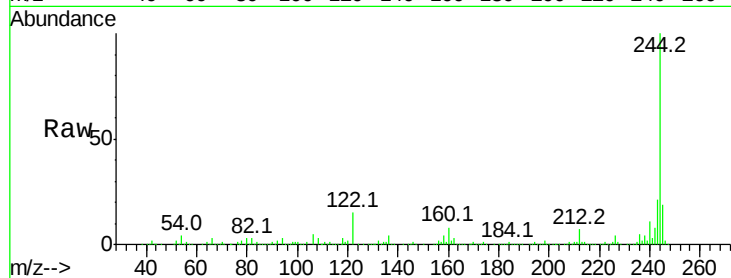




#78
 Terphenyl-d14
 Concen: 52.10 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202

Tot Ion:244 Resp: 595077
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

Tgt Ion:264 Resp: 162543
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.0 17.2 25.8

