

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091715\
 Data File : BG018715.D
 Acq On : 16 Sep 2015 20:55
 Operator : TP
 Sample : G3651-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS063031

Quant Time: Sep 17 05:06:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

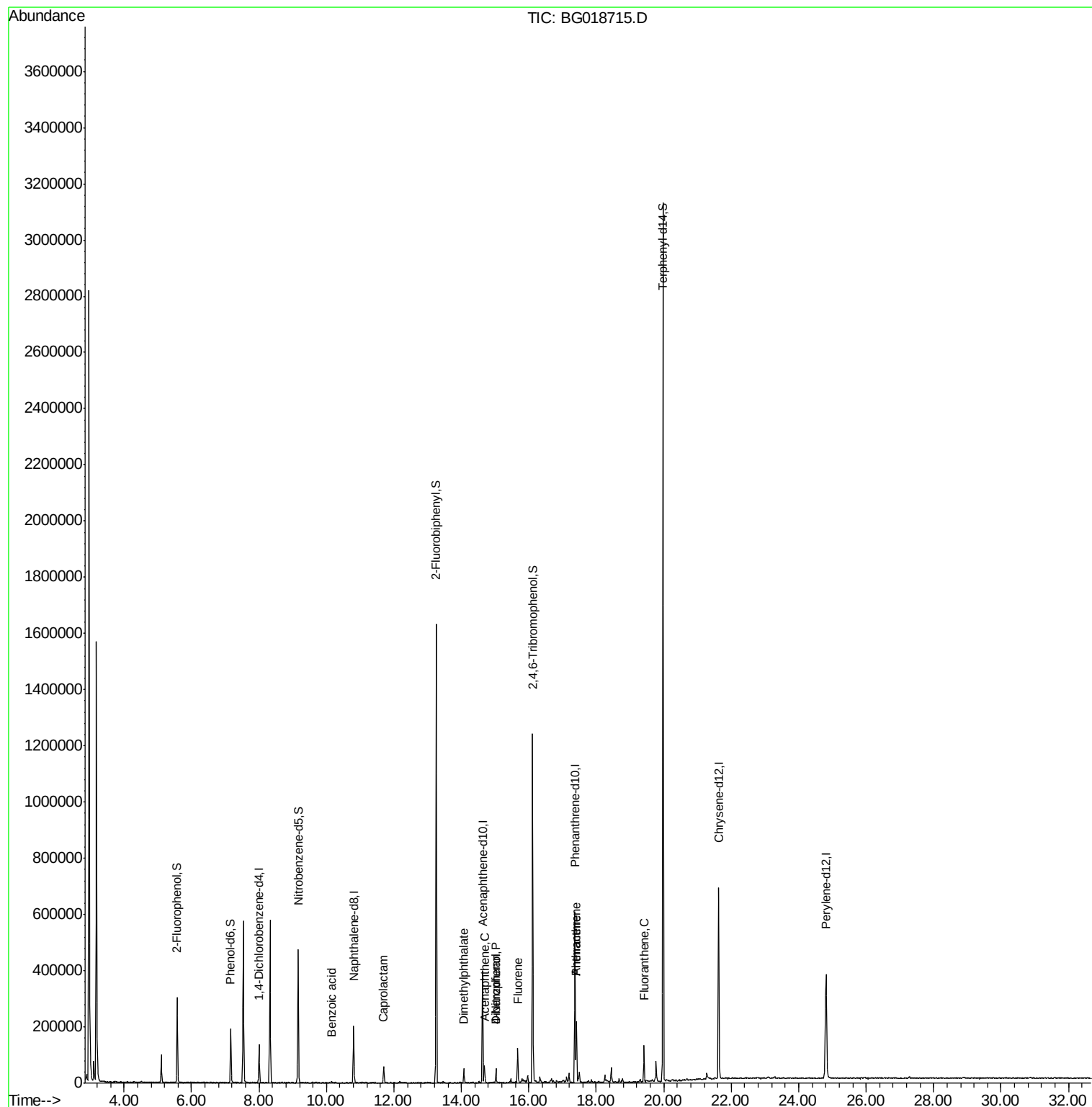
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41456	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	184210	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	140525	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	379360	20.00	ng	0.00
75) Chrysene-d12	21.63	240	398567	20.00	ng	0.00
86) Perylene-d12	24.81	264	397507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	143205	59.67	ng	0.00
7) Phenol-d6	7.16	99	131228	38.14	ng	0.00
23) Nitrobenzene-d5	9.16	82	303409	92.17	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	245935	129.98	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	885983	87.52	ng	0.00
78) Terphenyl-d14	19.98	244	1377538	90.76	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.15	122	69	7.96	ng	# 1
35) Caprolactam	11.69	113	12970	10.08	ng	98
49) Dimethylphthalate	14.07	163	35795	3.08	ng	98
51) Acenaphthene	14.69	154	22119	2.50	ng	97
54) Dibenzofuran	15.02	168	32607	2.37	ng	98
55) 4-Nitrophenol	15.02	139	11189	4.80	ng	# 11
57) Fluorene	15.67	166	54617	4.61	ng	99
70) Phenanthrene	17.41	178	141938	7.11	ng	97
71) Anthracene	17.41	178	141938	7.02	ng	97
74) Fluoranthene	19.42	202	80344	3.25	ng	95

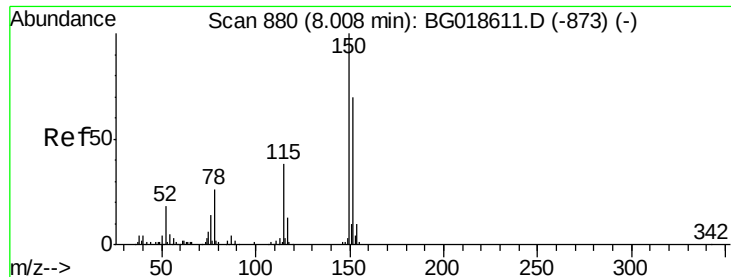
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 17 05:06:40 2015
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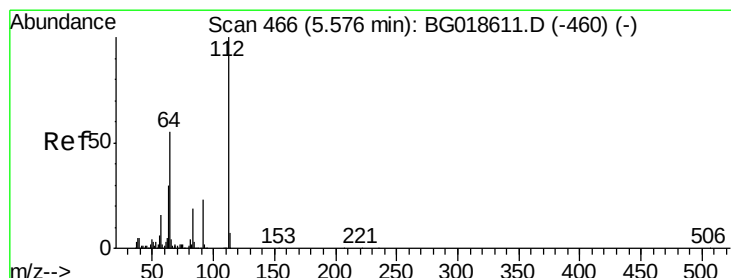
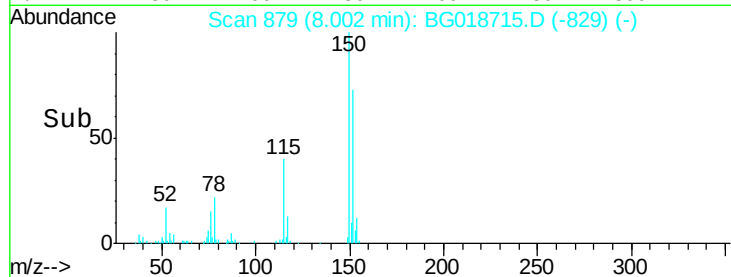
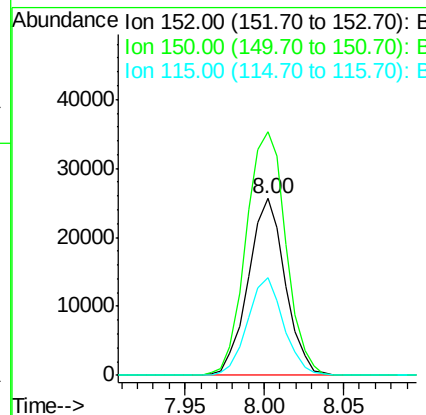
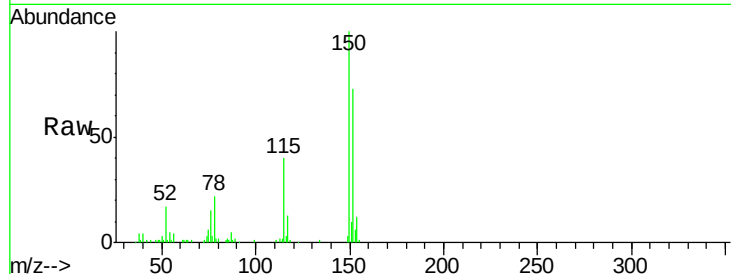


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Instrument :
BNA_G
ClientSampleId :
CPS063031

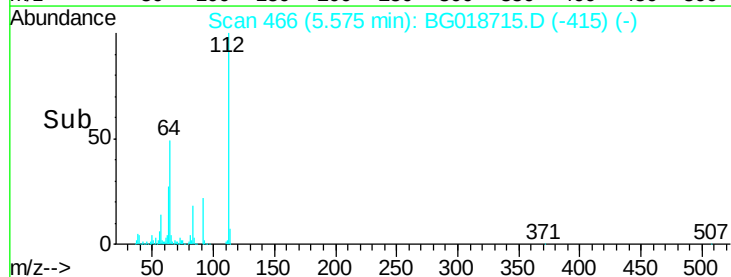
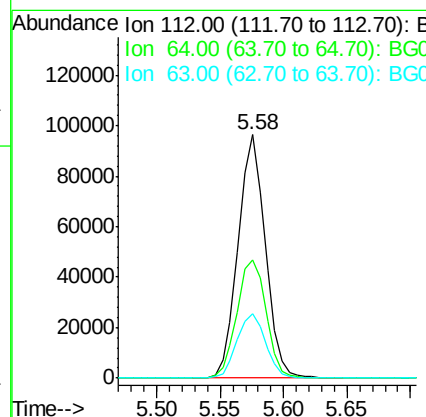
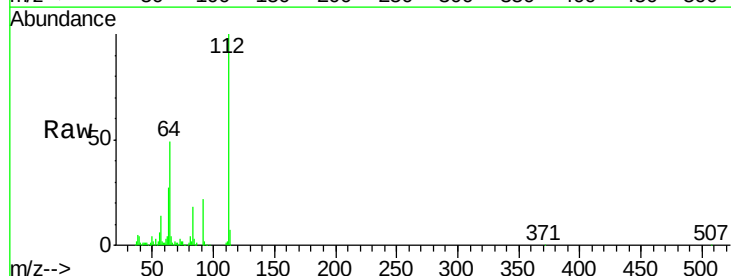
Tot Ion	Ratio	Lower	Upper
152	100		
150	137.8	115.0	172.4
115	55.6	43.9	65.9

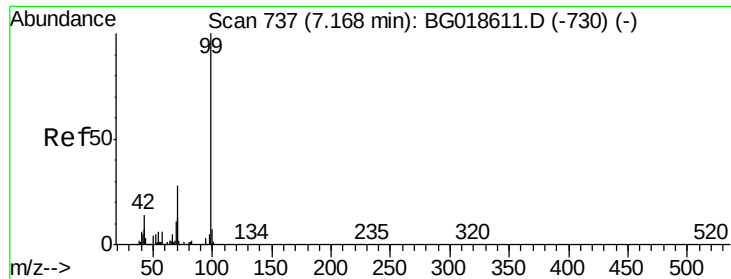


#5

2-Fluorophenol
Concen: 59.67 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.8	43.7	65.5
63	26.7	24.0	36.0





#7

Phenol-d6

Concen: 38.14 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

Instrument :

BNA_G

ClientSampleId :

CPS063031

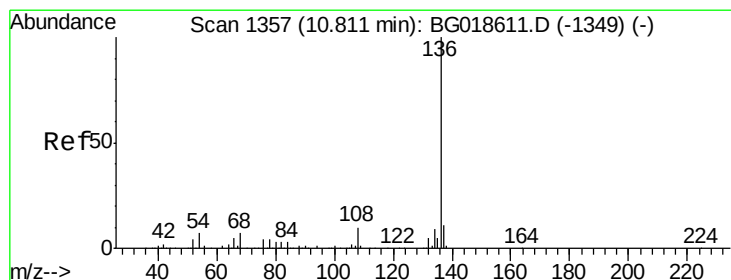
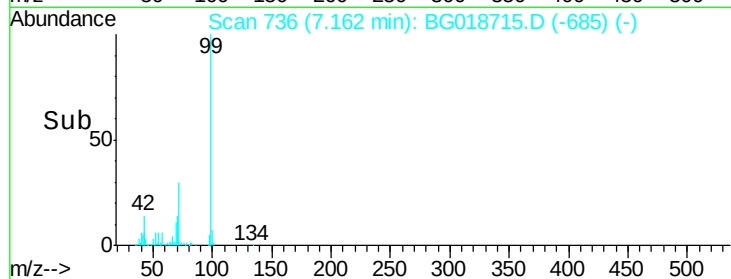
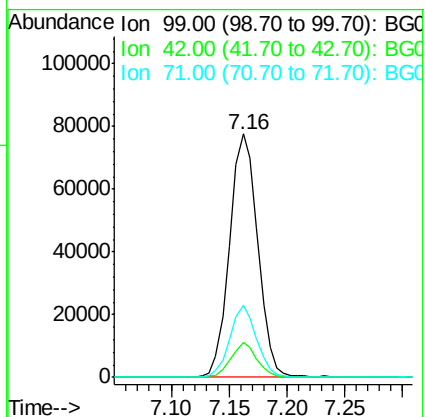
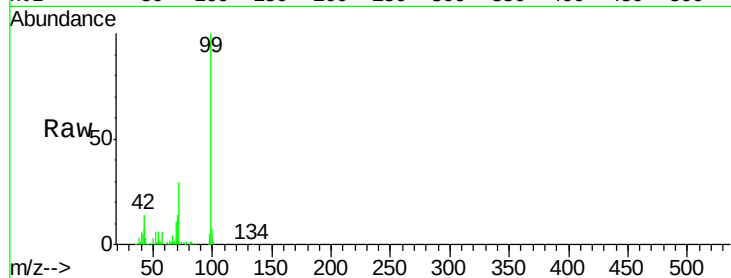
Tot Ion: 99 Resp: 131228

Ion Ratio Lower Upper

99 100

42 14.2 11.5 17.3

71 29.7 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

Tgt Ion: 136 Resp: 184210

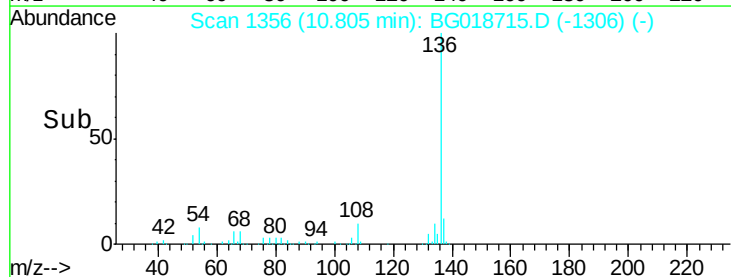
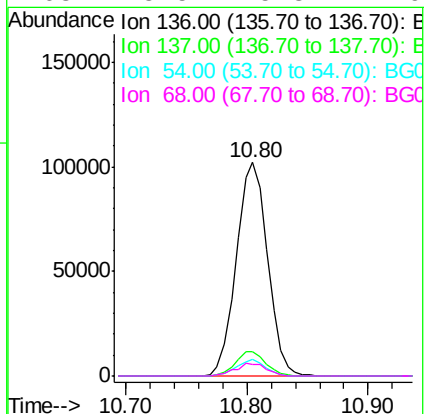
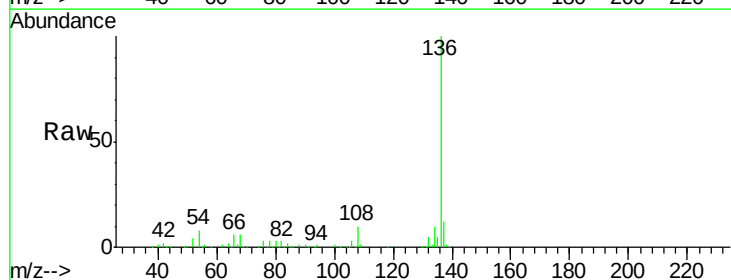
Ion Ratio Lower Upper

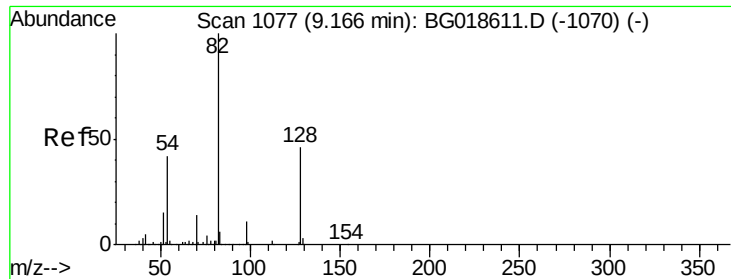
136 100

137 11.6 8.6 12.8

54 7.7 5.4 8.2

68 5.5 5.3 7.9

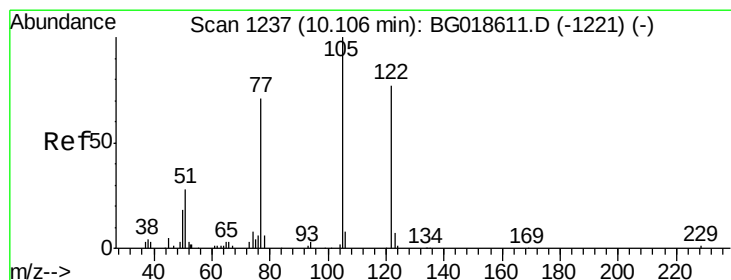
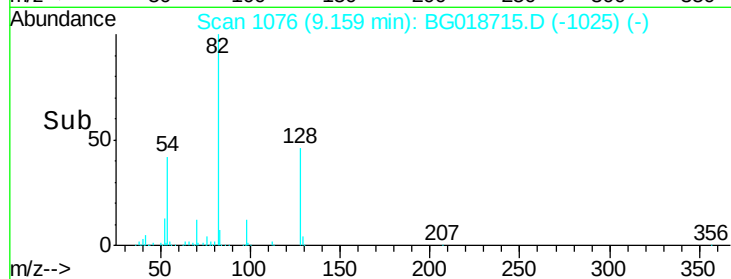
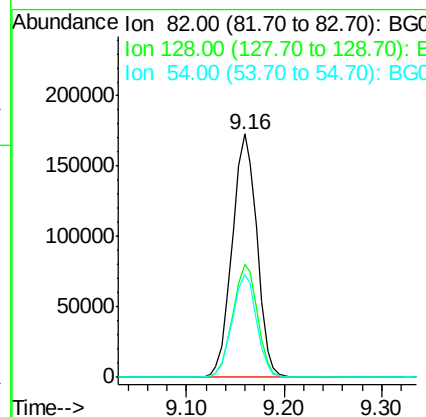
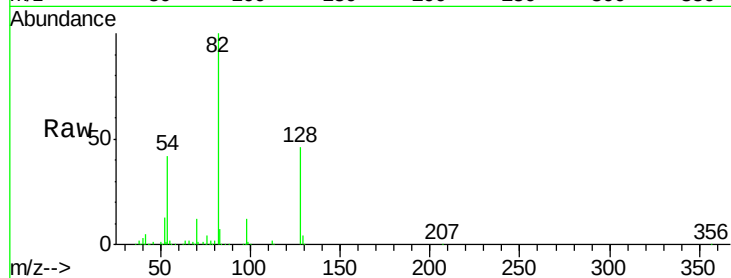




#23
 Nitrobenzene-d5
 Concen: 92.17 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018715.D
 Acq: 16 Sep 2015 20:55

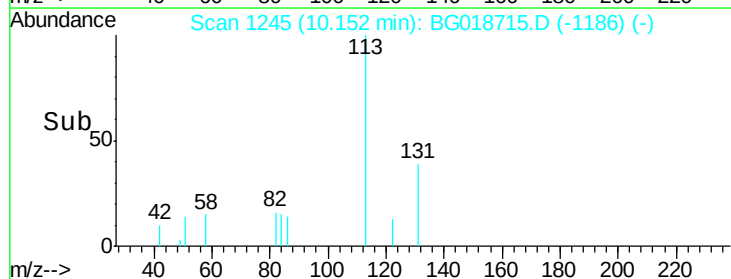
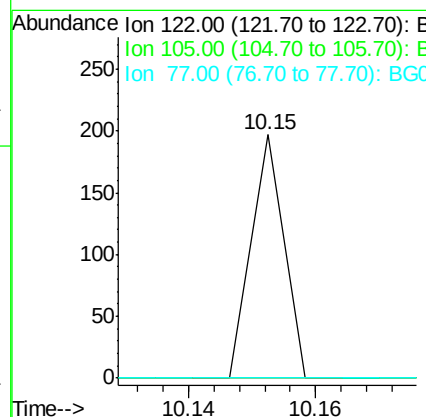
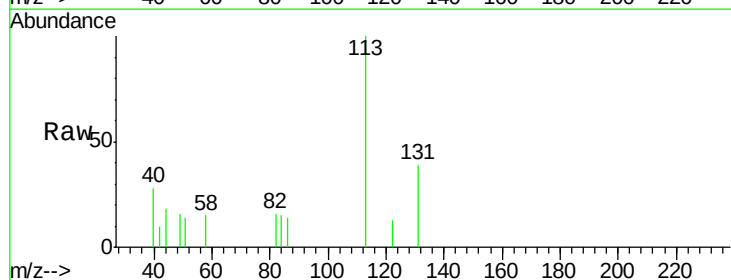
Instrument :
 BNA_G
 ClientSampleId :
 CPS063031

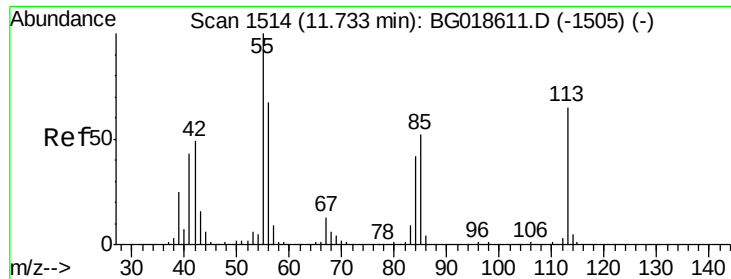
Tot Ion	82	Resp	303409
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.7	55.1
54	42.1	33.8	50.8



#32
 Benzoic acid
 Concen: 7.96 ng
 RT: 10.15 min Scan# 1245
 Delta R.T. 0.05 min
 Lab File: BG018715.D
 Acq: 16 Sep 2015 20:55

Tgt Ion	122	Resp	69
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#35

Caprolactam

Concen: 10.08 ng

RT: 11.69 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

Instrument :

BNA_G

ClientSampleId :

CPS063031

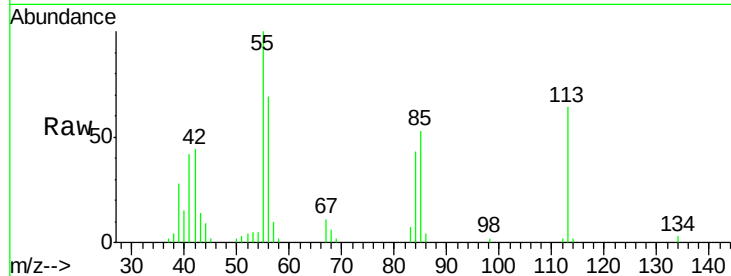
Tot Ion:113 Resp: 12970

Ion Ratio Lower Upper

113 100

55 155.5 135.0 175.0

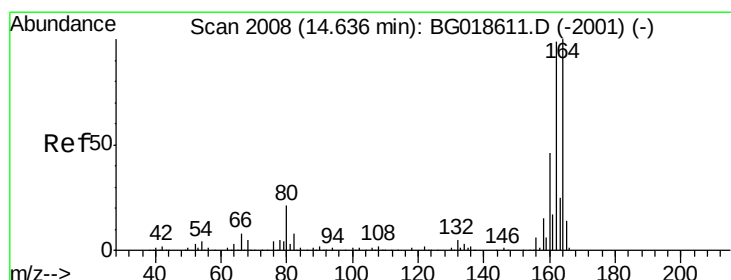
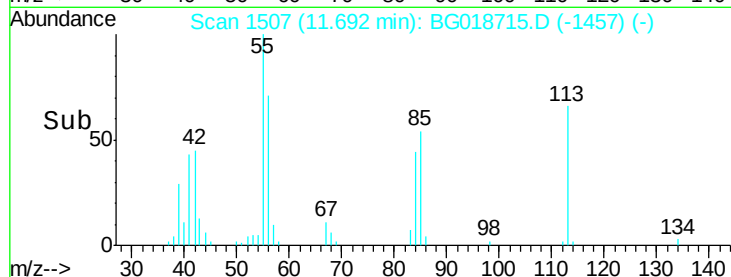
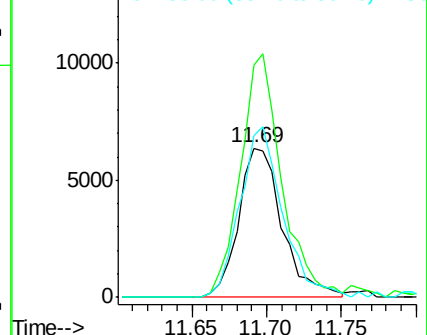
56 108.0 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG018611.D (-1505) (-)

Ion 56.00 (55.70 to 56.70): BG018611.D (-1505) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

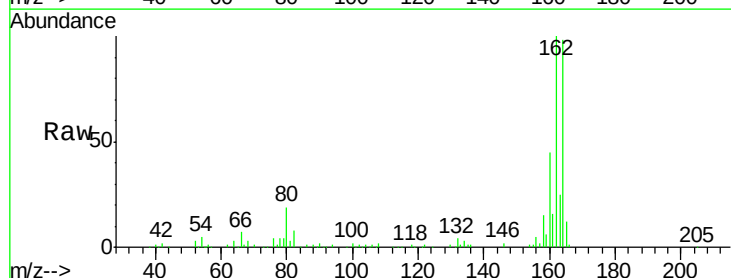
Tgt Ion:164 Resp: 140525

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

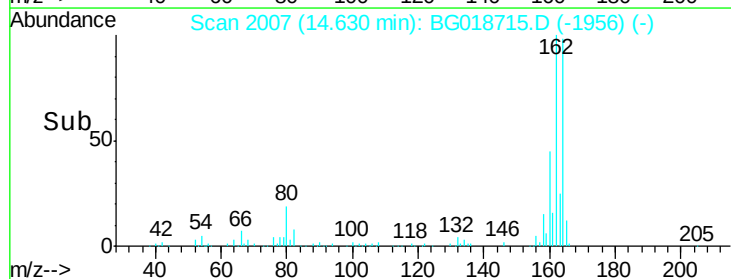
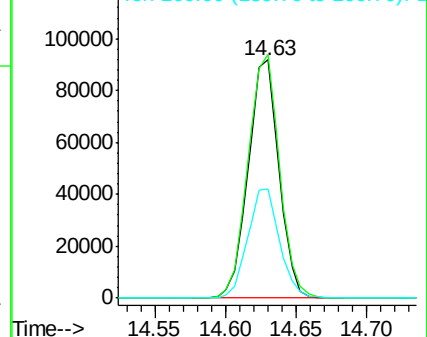
160 45.7 36.4 54.6

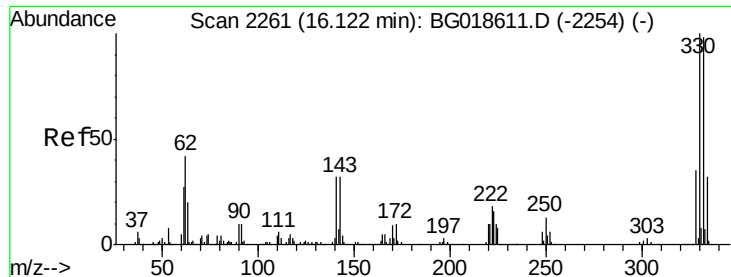


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): BG018611.D (-2001) (-)

Ion 160.00 (159.70 to 160.70): BG018611.D (-2001) (-)

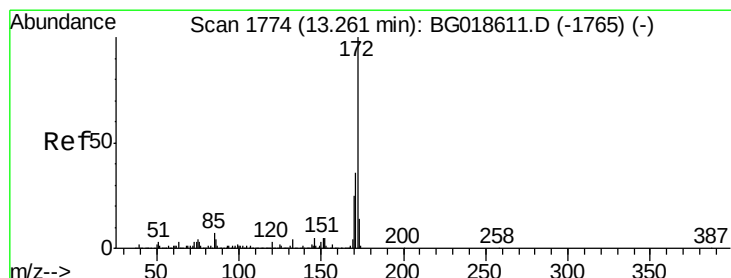
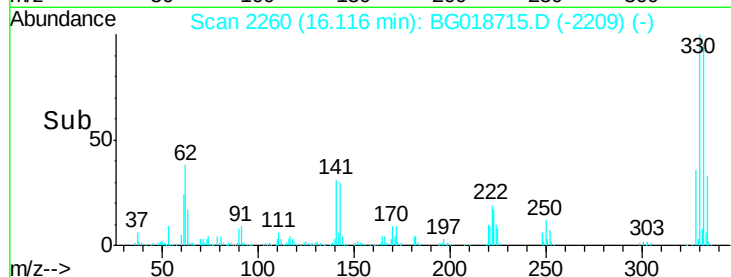
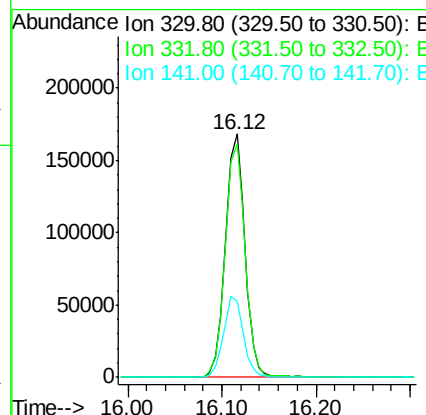
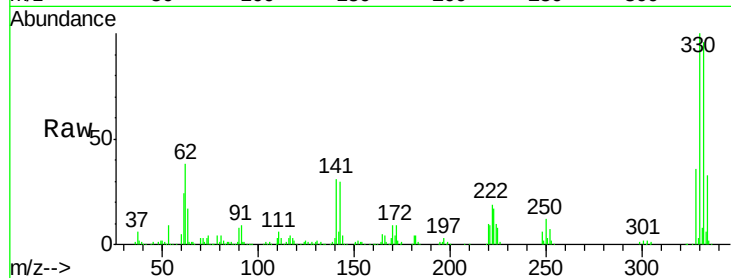




#41
 2,4,6-Tribromophenol
 Concen: 129.98 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018715.D
 Acq: 16 Sep 2015 20:55

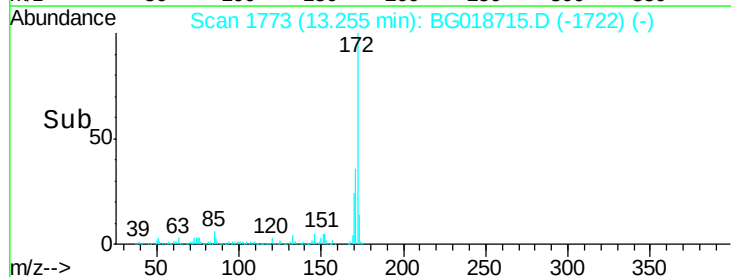
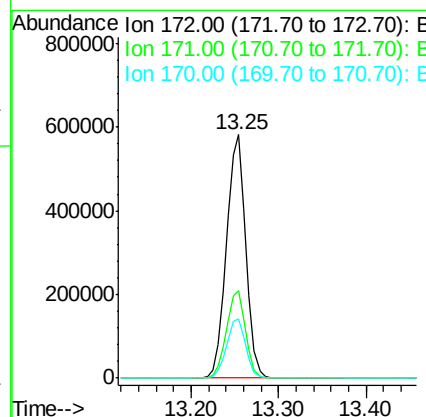
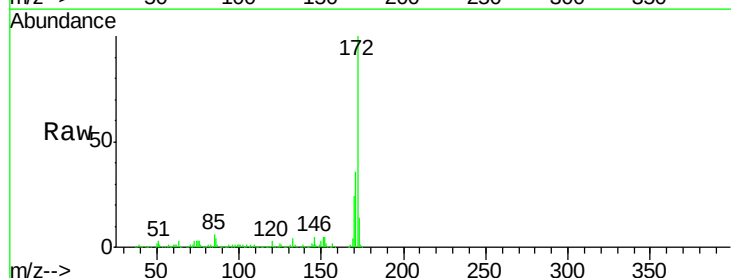
Instrument :
 BNA_G
 ClientSampleId :
 CPS063031

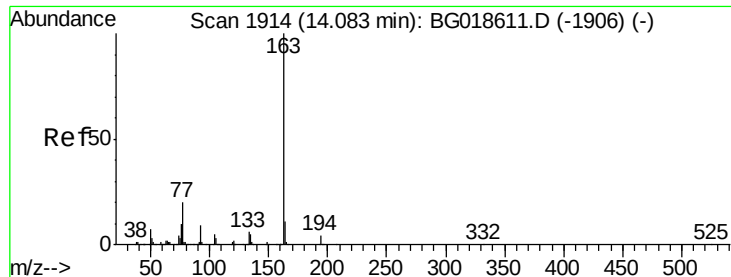
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	33.6	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 87.52 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG018715.D
 Acq: 16 Sep 2015 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.9	29.9





#49

Dimethylphthalate

Concen: 3.08 ng

RT: 14.07 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

Instrument :

BNA_G

ClientSampleId :

CPS063031

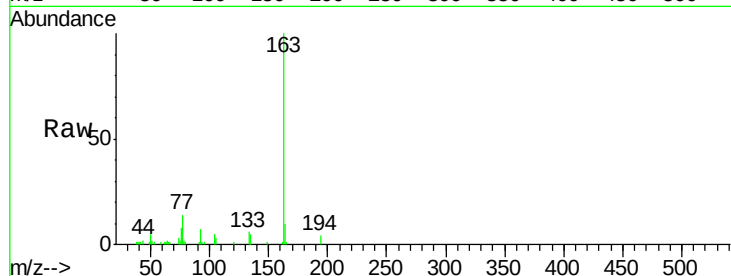
Tot Ion:163 Resp: 35795

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

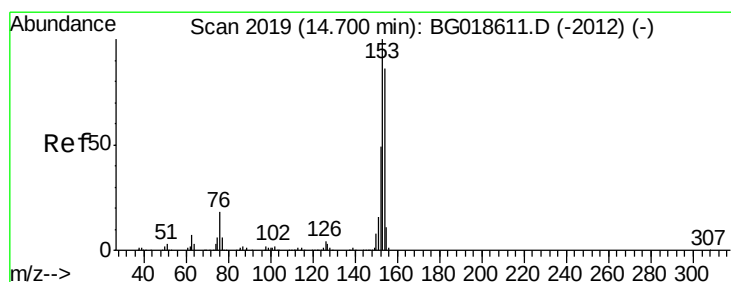
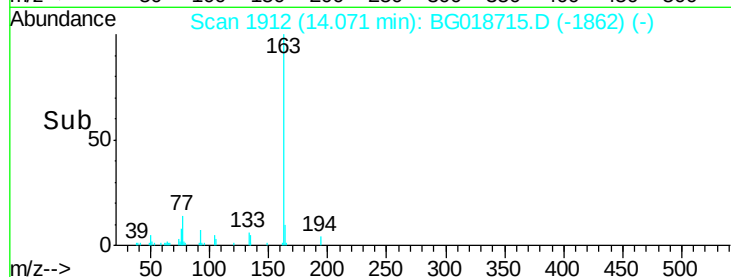
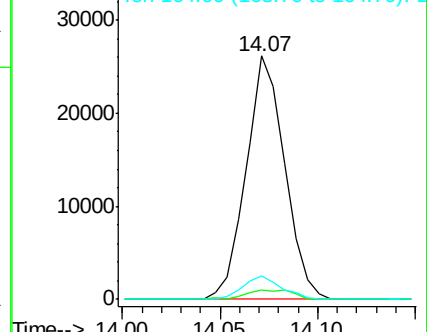
164 9.8 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 2.50 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

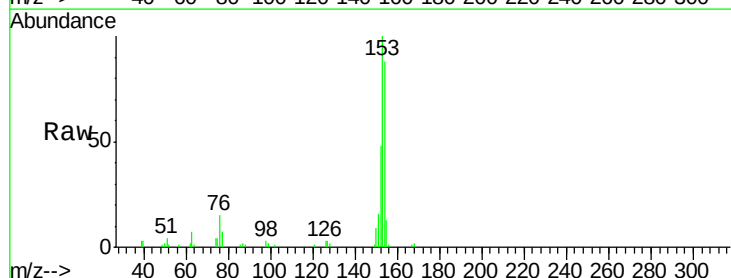
Tgt Ion:154 Resp: 22119

Ion Ratio Lower Upper

154 100

153 113.1 92.9 139.3

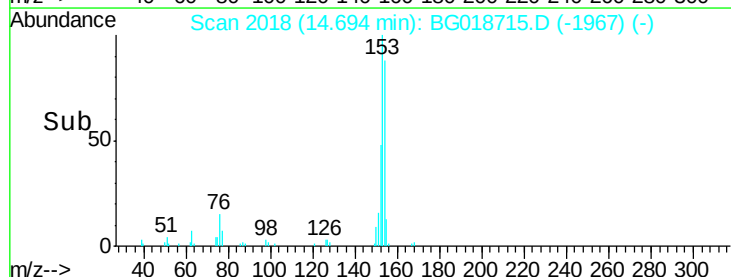
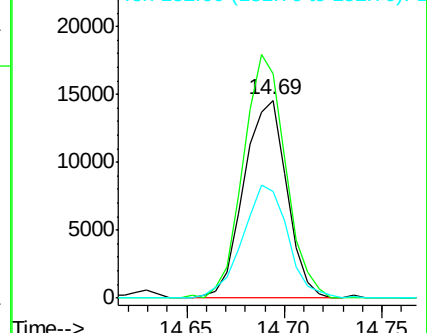
152 54.1 45.8 68.8

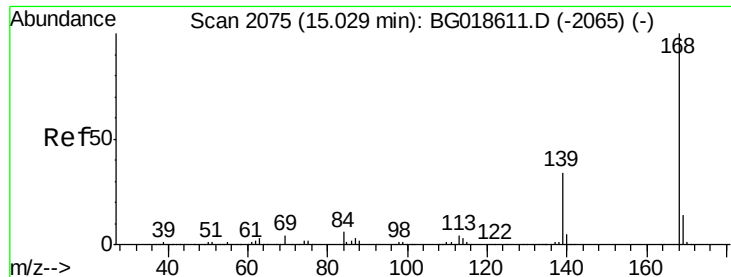


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 2.37 ng

RT: 15.02 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

Instrument :

BNA_G

ClientSampleId :

CPS063031

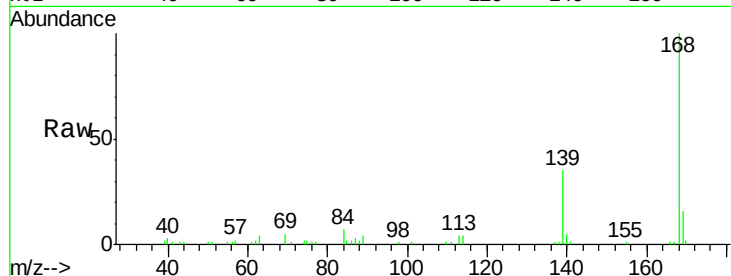
Tot Ion:168 Resp: 32607

Ion Ratio Lower Upper

168 100

139 34.8 27.4 41.0

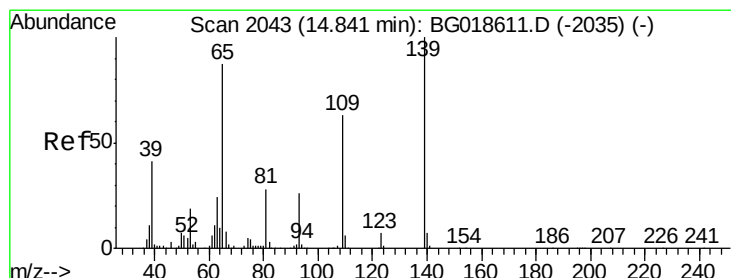
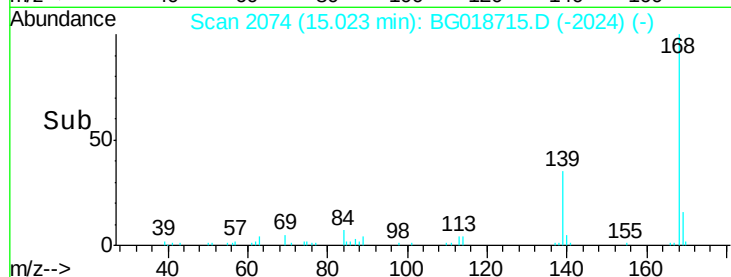
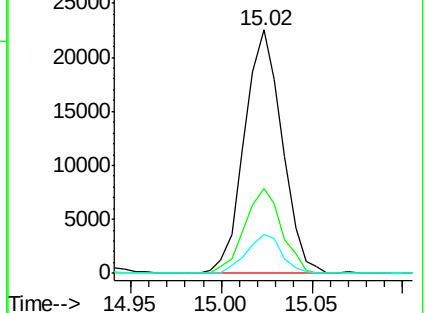
169 16.0 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 4.80 ng

RT: 15.02 min Scan# 2074

Delta R.T. 0.19 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

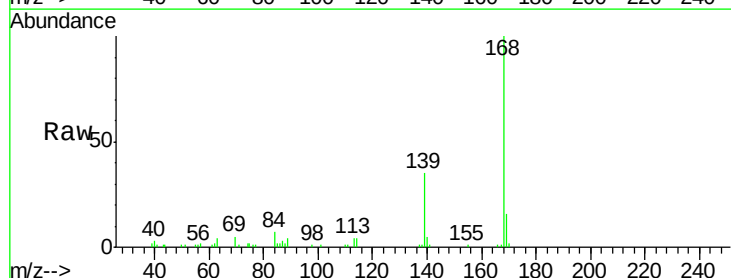
Tgt Ion:139 Resp: 11189

Ion Ratio Lower Upper

139 100

109 0.0 43.2 83.2#

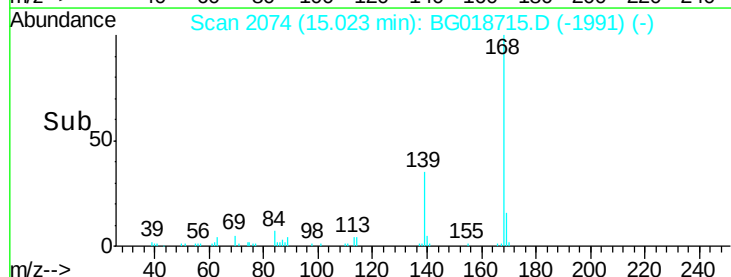
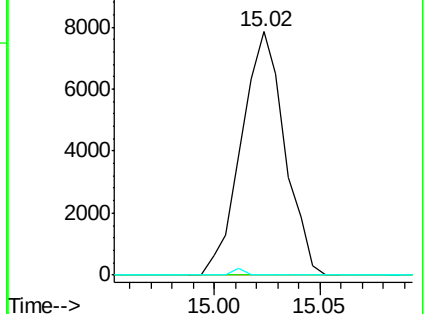
65 0.0 67.8 107.8#

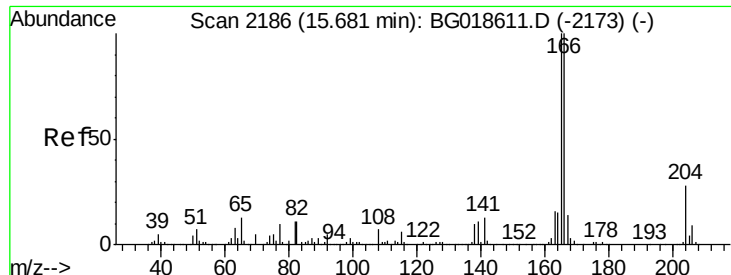


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

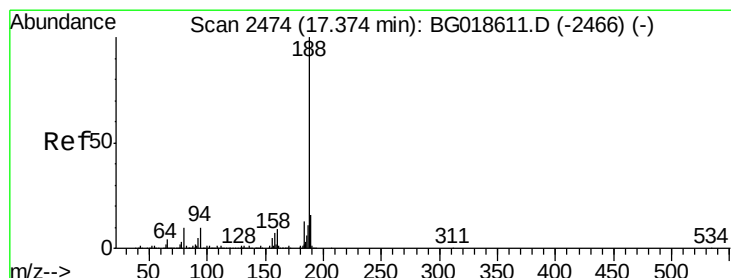
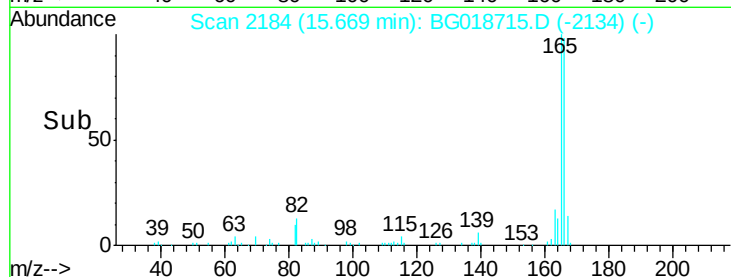
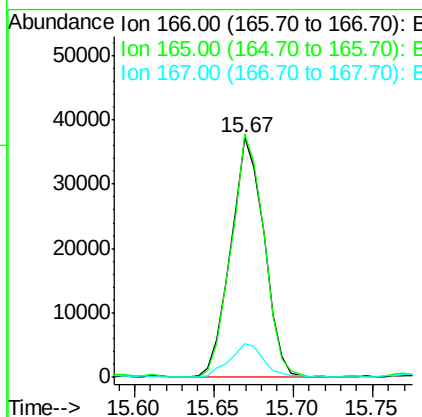
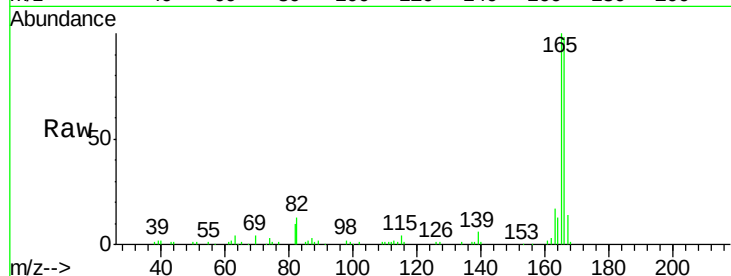




#57
Fluorene
 Concen: 4.61 ng
 RT: 15.67 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG018715.D
 Acq: 16 Sep 2015 20:55

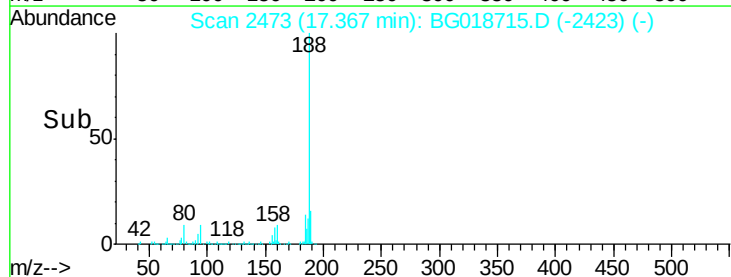
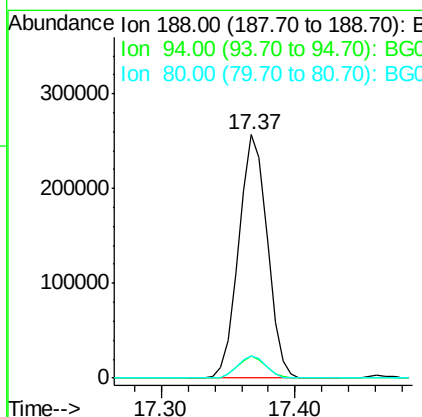
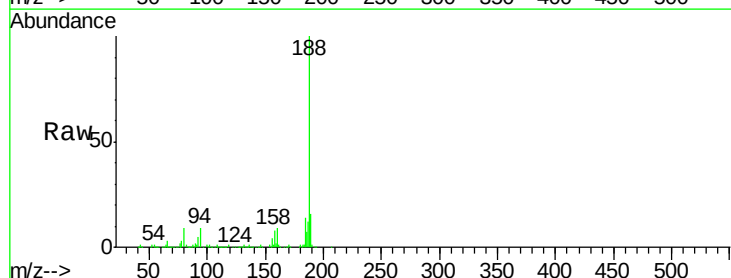
Instrument :
 BNA_G
 ClientSampleId :
 CPS063031

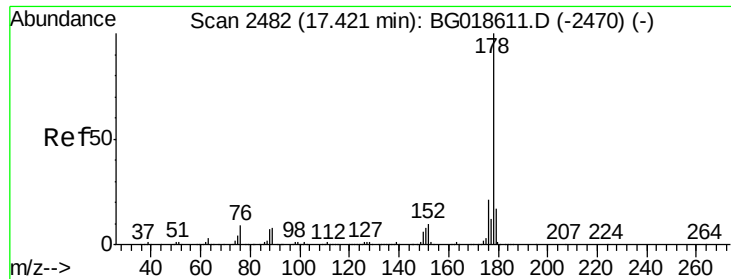
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	80.0	120.0
167	13.9	11.1	16.7



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG018715.D
 Acq: 16 Sep 2015 20:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.7	11.5
80	9.1	7.8	11.8





#70

Phenanthrene

Concen: 7.11 ng

RT: 17.41 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

Instrument :

BNA_G

ClientSampleId :

CPS063031

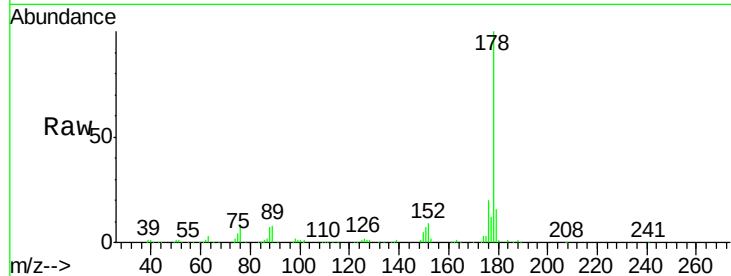
Tot Ion:178 Resp: 141938

Ion Ratio Lower Upper

178 100

176 19.8 16.7 25.1

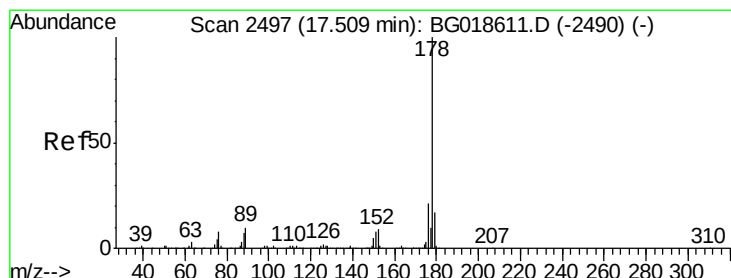
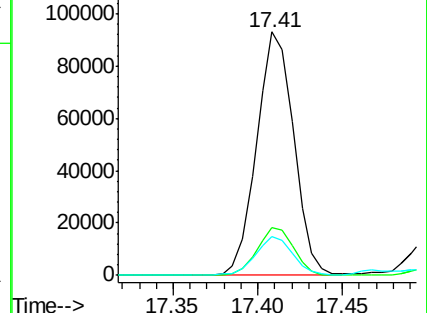
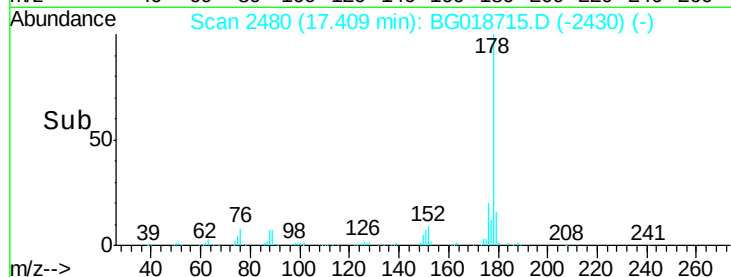
179 15.7 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 7.02 ng

RT: 17.41 min Scan# 2480

Delta R.T. -0.09 min

Lab File: BG018715.D

Acq: 16 Sep 2015 20:55

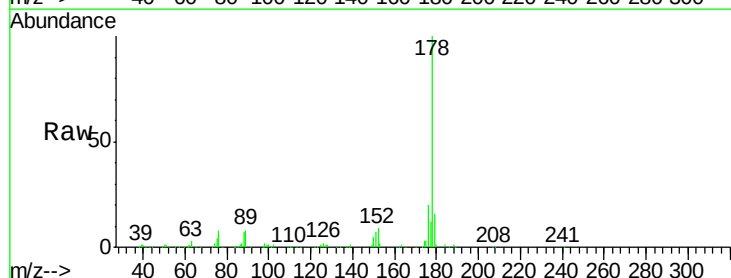
Tgt Ion:178 Resp: 141938

Ion Ratio Lower Upper

178 100

176 19.8 16.8 25.2

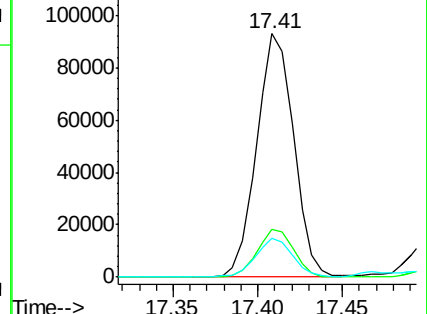
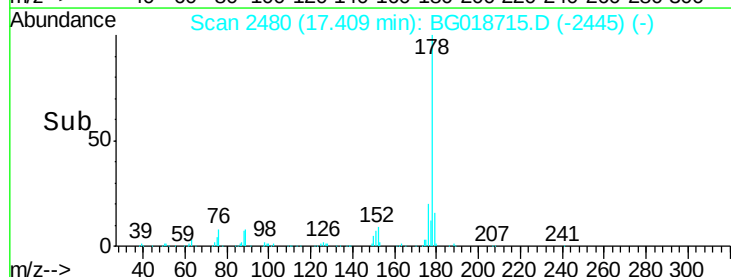
179 15.7 13.9 20.9

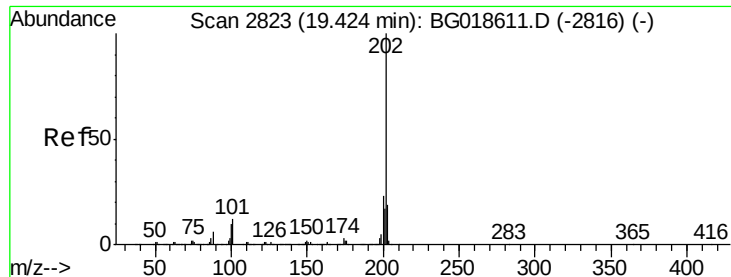


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

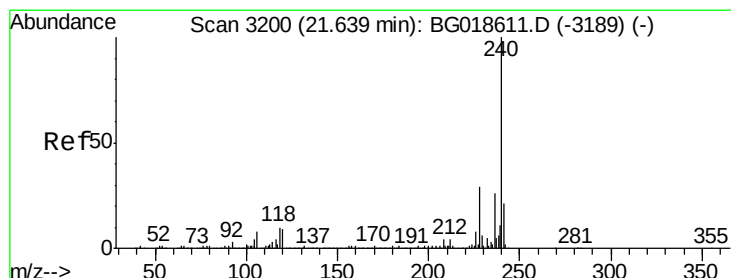
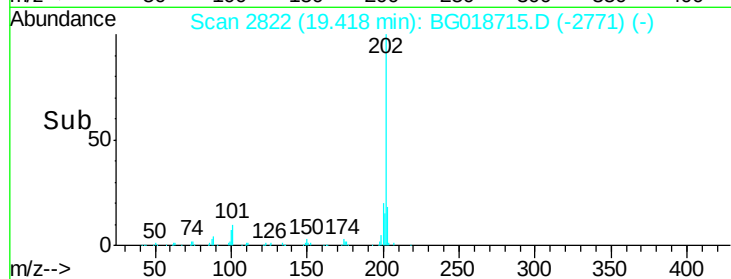
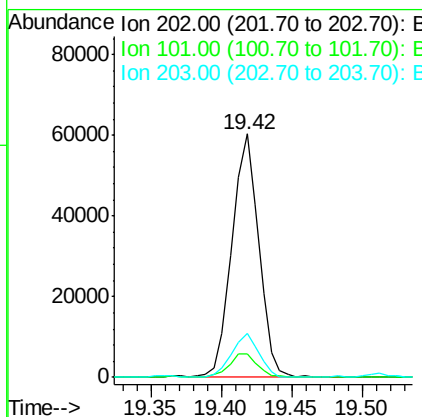
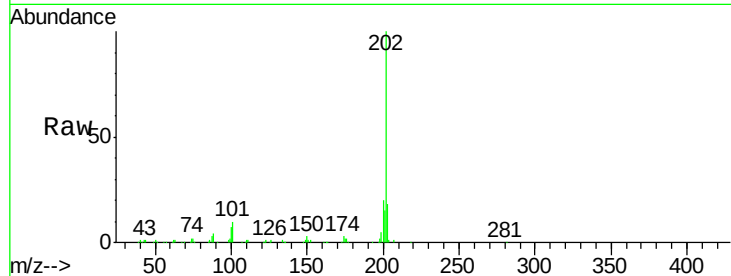




#74
Fluoranthene
Concen: 3.25 ng
RT: 19.42 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

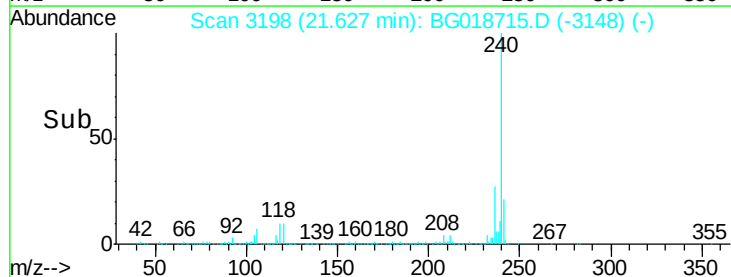
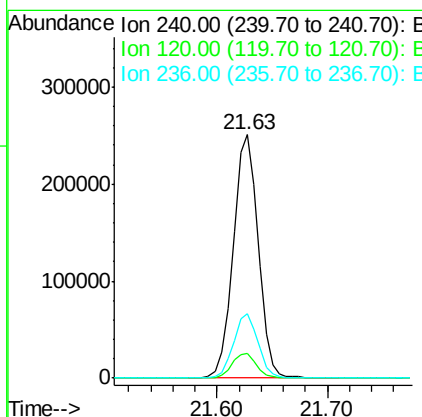
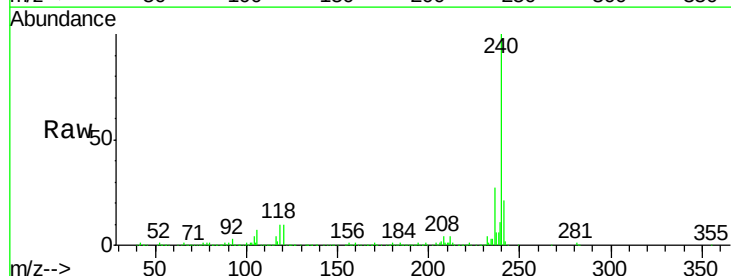
Instrument :
BNA_G
ClientSampleId :
CPS063031

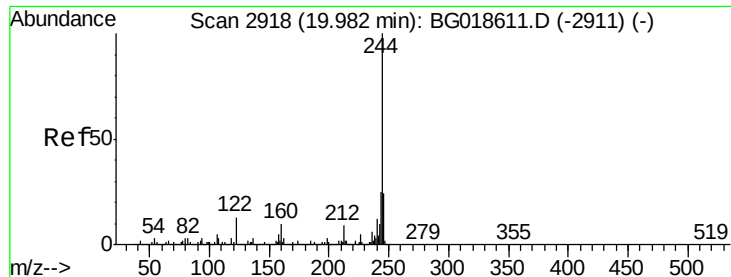
Tot Ion:	202	Resp:	80344
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.4
203	18.0	0.0	39.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018715.D
Acq: 16 Sep 2015 20:55

Tgt Ion:	240	Resp:	398567
Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.4	11.0
236	26.6	20.7	31.1

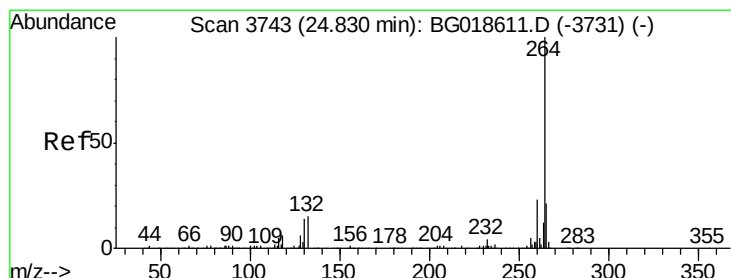
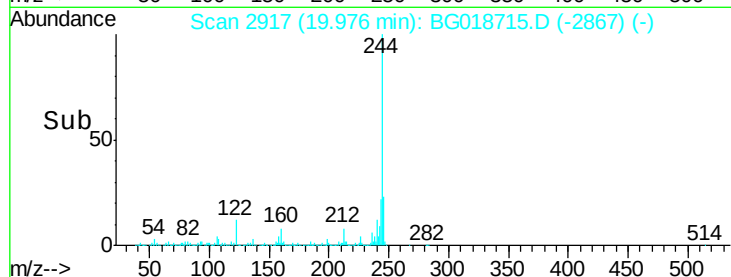
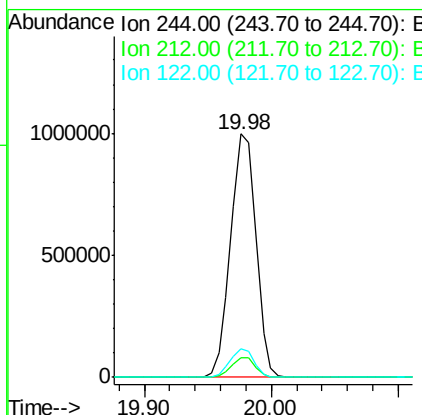
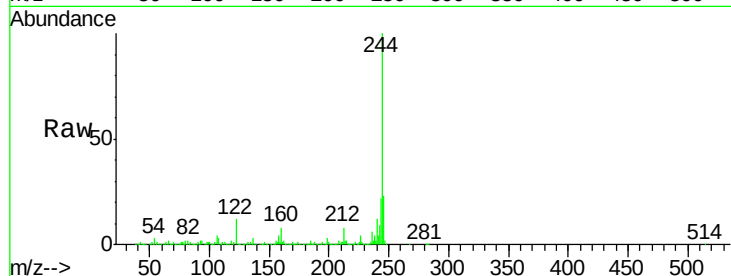




#78
 Terphenyl-d14
 Concen: 90.76 ng
 RT: 19.98 min Scan# 2917
 Delta R.T. -0.01 min
 Lab File: BG018715.D
 Acq: 16 Sep 2015 20:55

Instrument :
 BNA_G
 ClientSampleId :
 CPS063031

Tot Ion:244 Resp: 1377538
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 11.7 10.2 15.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3740
 Delta R.T. -0.01 min
 Lab File: BG018715.D
 Acq: 16 Sep 2015 20:55

Tgt Ion:264 Resp: 397507
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.9 17.2 25.8

