

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
 Data File : BE098839.D
 Acq On : 8 Mar 2019 18:00
 Operator : JU/SJ
 Sample : K1793-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190305

Quant Time: Mar 09 01:50:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

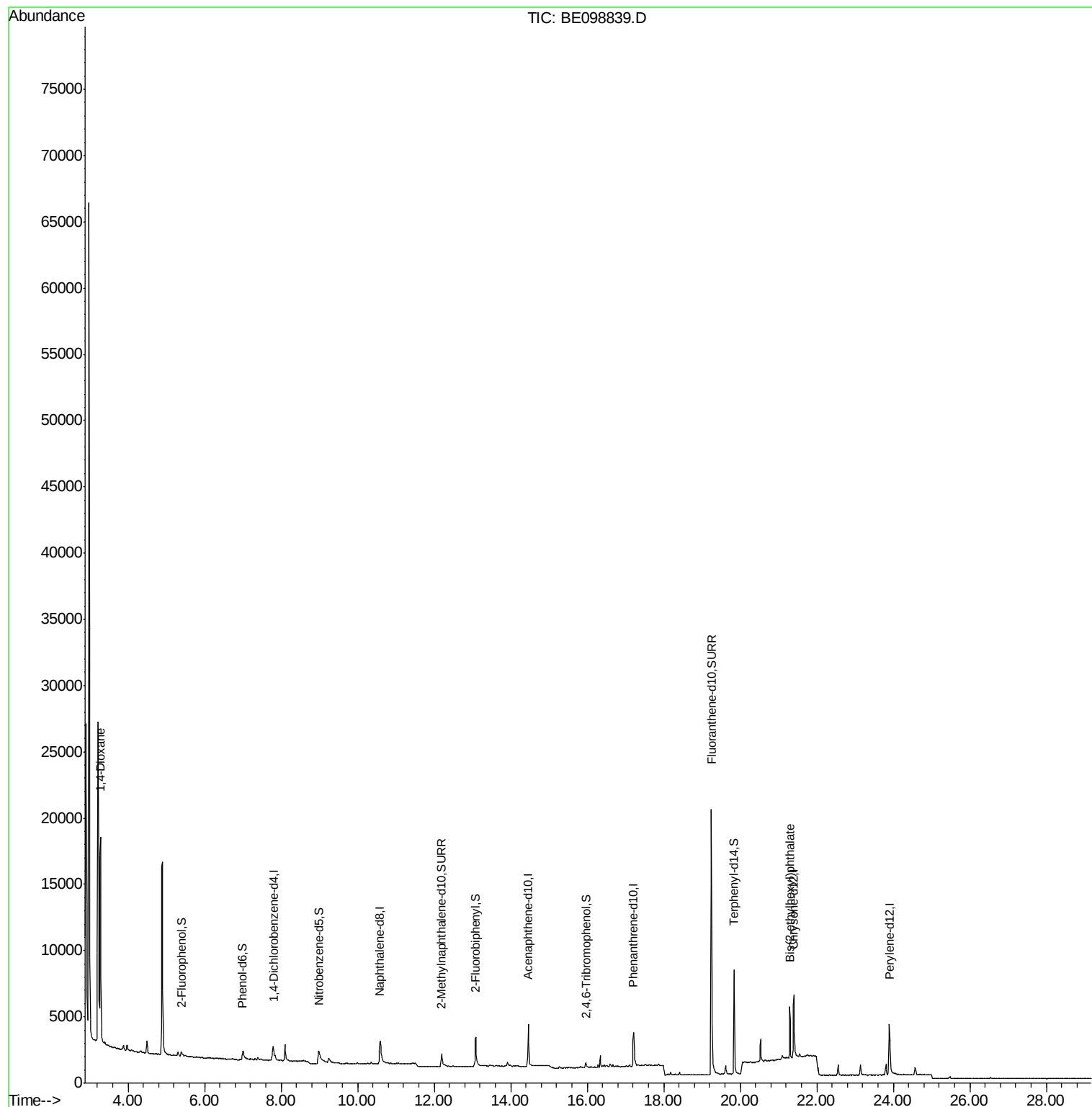
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	717	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2975	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2038	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5480	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6781	0.40	ng	0.00
34) Perylene-d12	23.90	264	6567	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	285	0.13	ng	0.01
5) Phenol-d6	6.99	99	273	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1174	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2067	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	382	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3519	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	31989	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	7849	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	9621	8.611	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	4979	0.111	ng	99

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

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QLast Update : Wed Mar 06 15:33:24 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098839.D

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ClientSampleId :

RE131D2-20190305

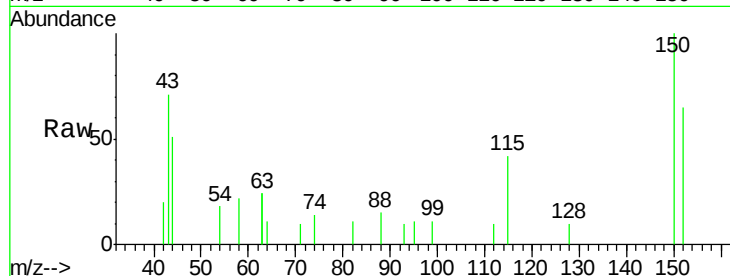
Tgt Ion:152 Resp: 717

Ion Ratio Lower Upper

152 100

150 154.5 122.5 183.7

115 64.6 57.4 86.2

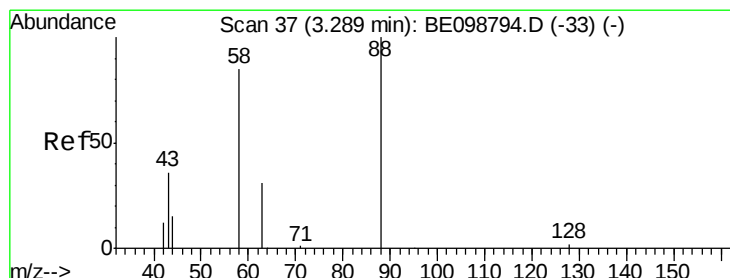
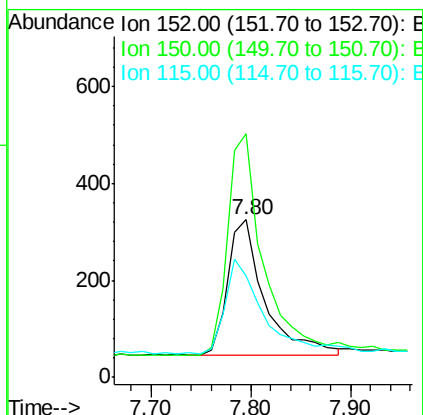
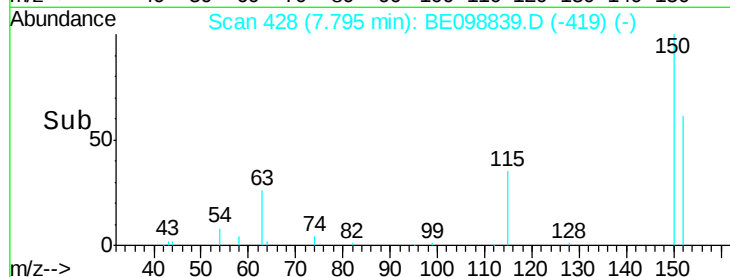


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 8.611 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

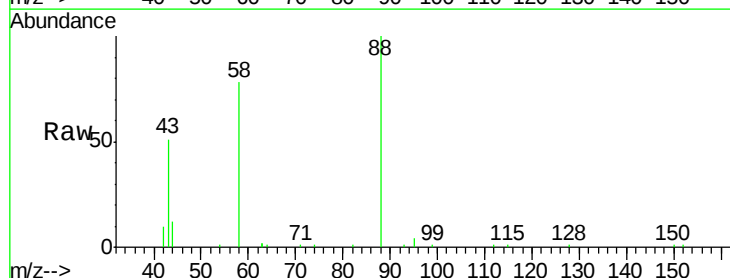
Tgt Ion: 88 Resp: 9621

Ion Ratio Lower Upper

88 100

58 94.4 75.8 113.6

43 53.1 41.8 62.8

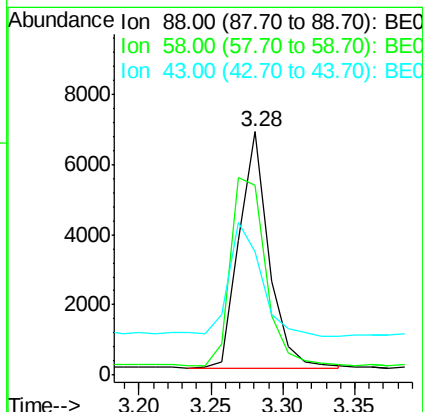
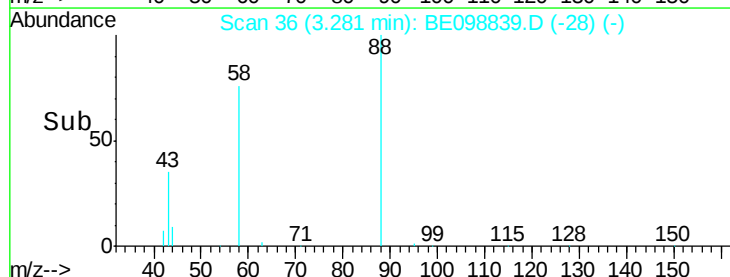


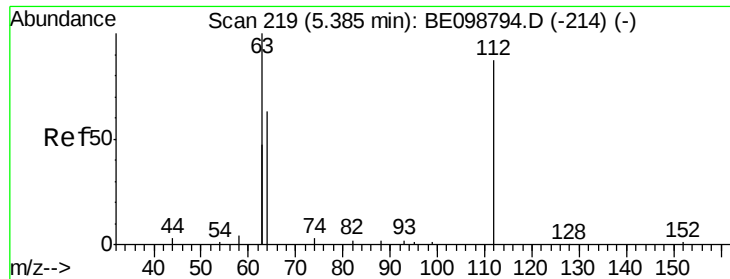
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.133 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190305

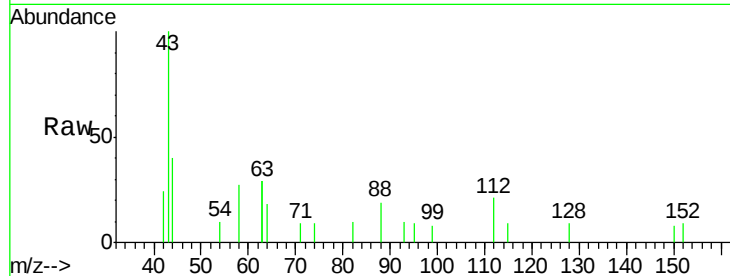
Tgt Ion: 112 Resp: 285

Ion Ratio Lower Upper

112 100

64 97.5 57.9 86.9#

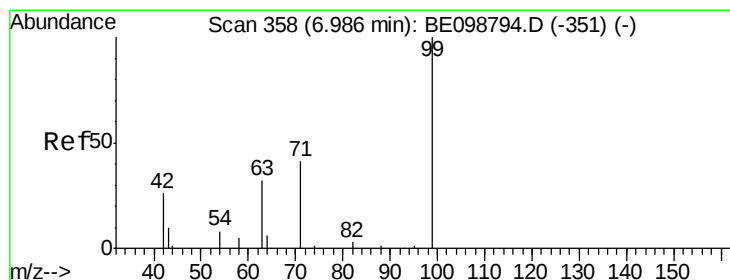
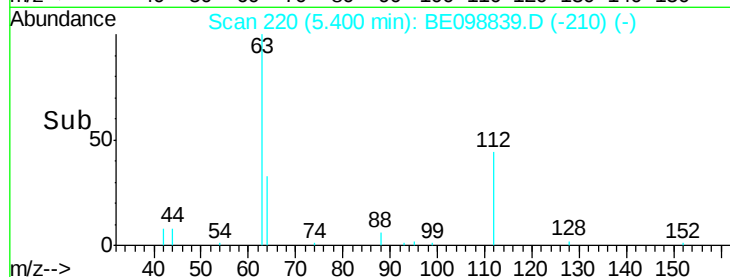
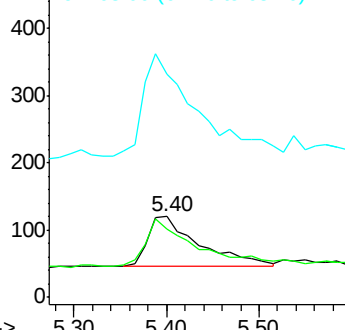
63 212.3 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.090 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

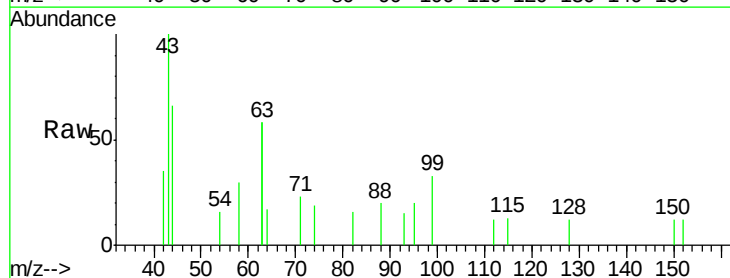
Tgt Ion: 99 Resp: 273

Ion Ratio Lower Upper

99 100

42 42.9 24.2 36.2#

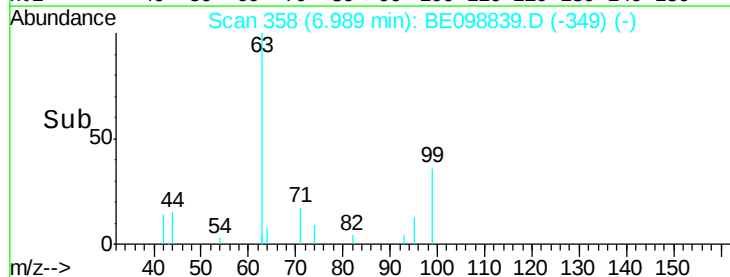
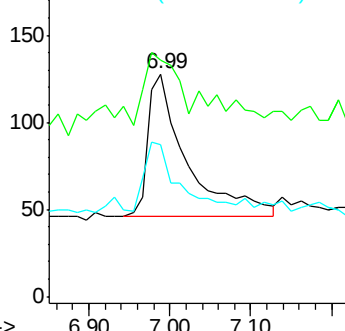
71 42.1 35.7 53.5



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190305

Tgt Ion: 136 Resp: 2975

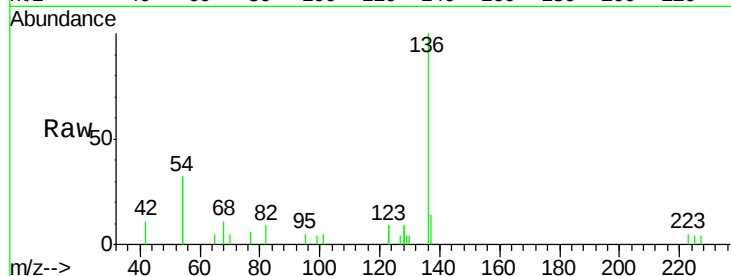
Ion Ratio Lower Upper

136 100

137 13.9 11.4 17.0

54 63.0 39.3 58.9#

68 10.8 6.7 10.1#

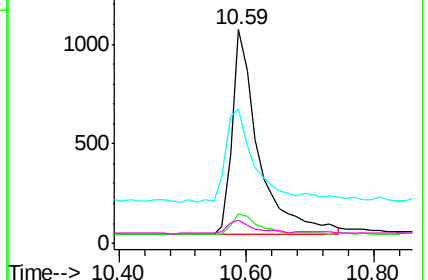
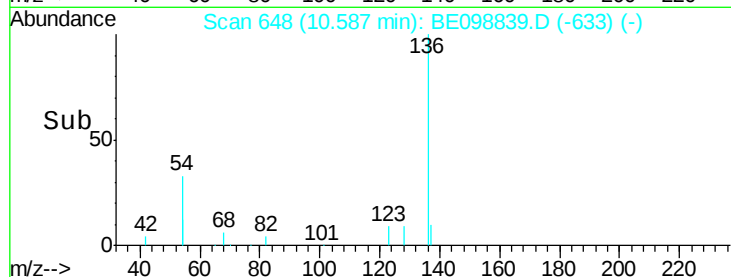


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

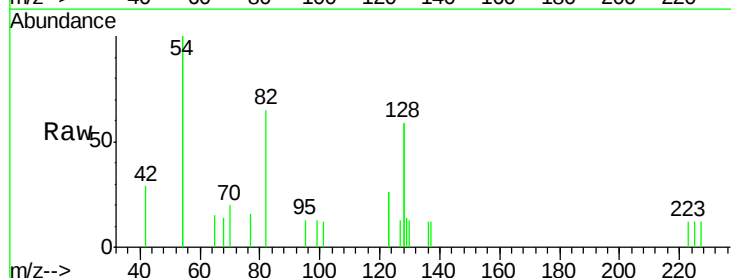
Tgt Ion: 82 Resp: 1174

Ion Ratio Lower Upper

82 100

128 184.1 123.8 185.8

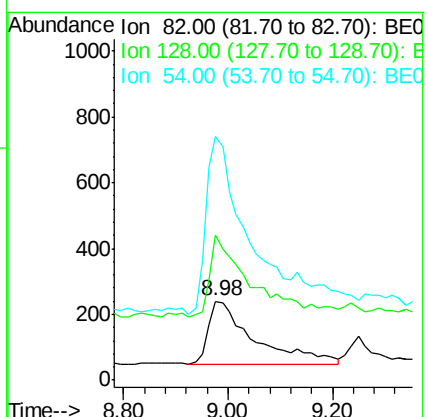
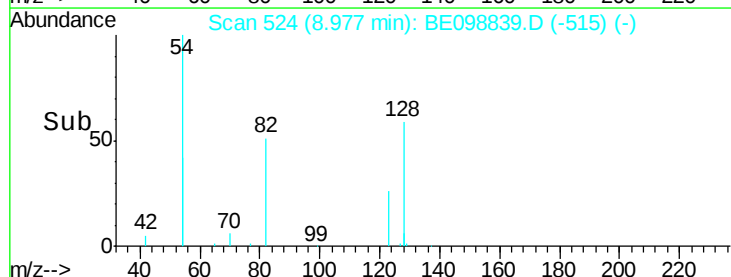
54 309.6 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

Instrument :

BNA_E

ClientSampleId :

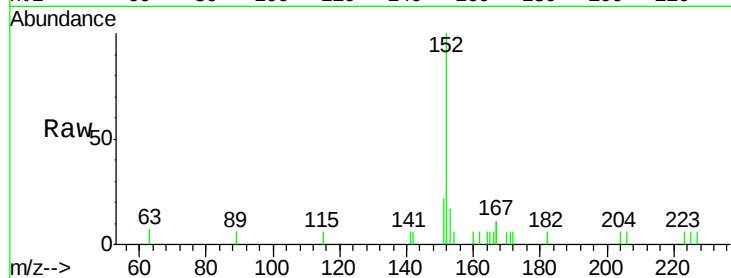
RE131D2-20190305

Tgt Ion:152 Resp: 2067

Ion Ratio Lower Upper

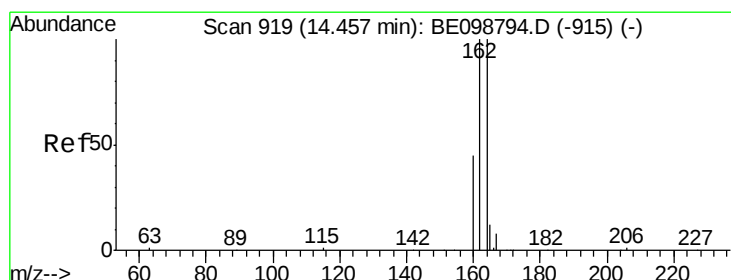
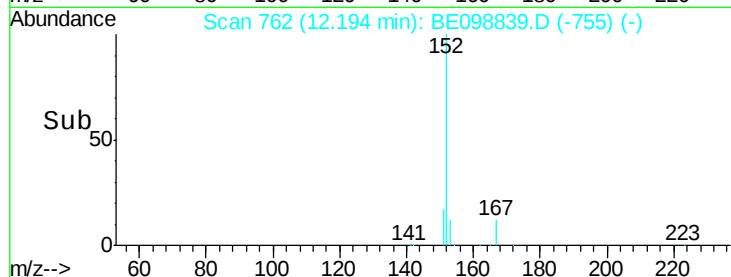
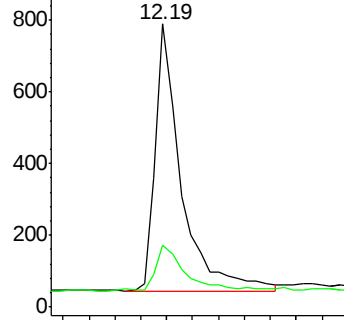
152 100

151 18.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

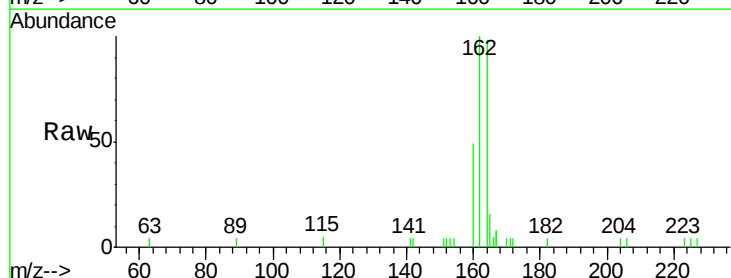
Tgt Ion:164 Resp: 2038

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

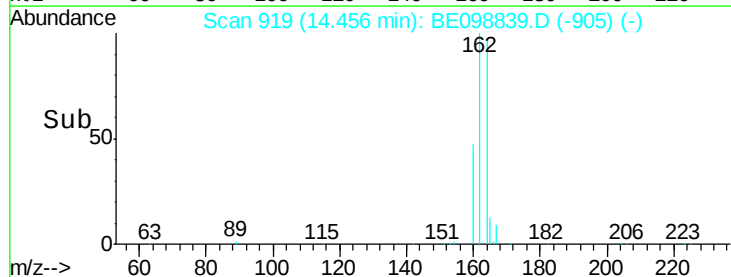
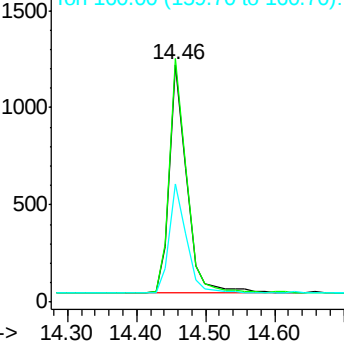
160 49.8 37.8 56.8



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

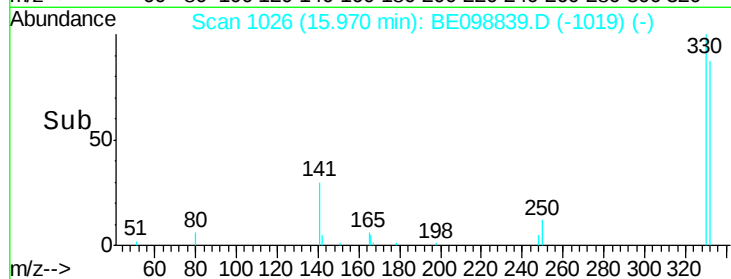
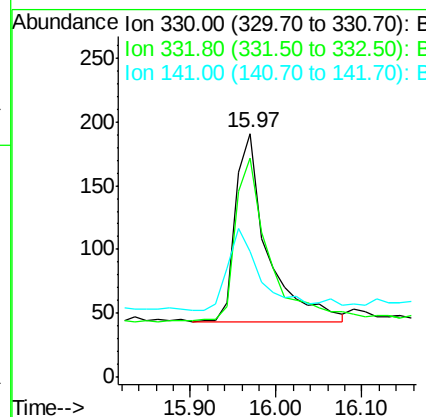
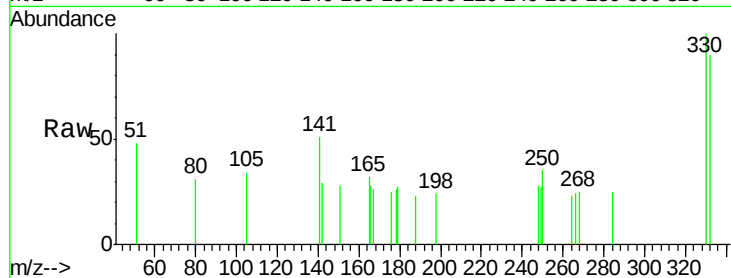




#14
 2,4,6-Tribromophenol
 Concen: 0.371 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098839.D
 Acq: 8 Mar 2019 18:00

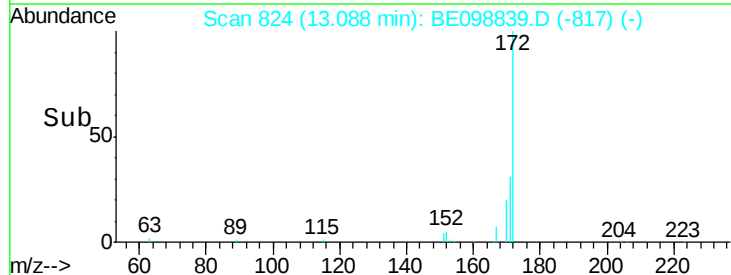
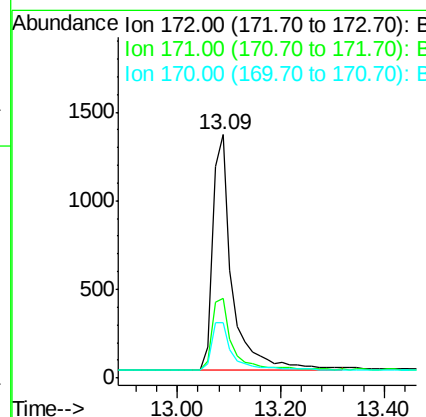
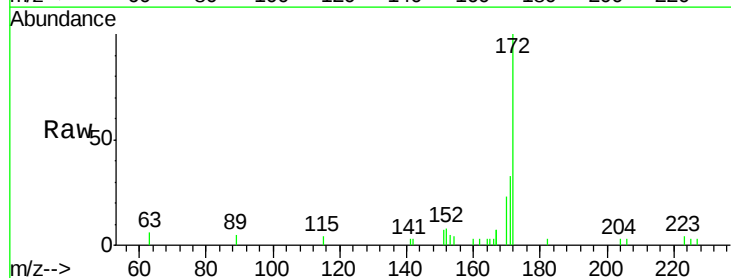
Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190305

Tgt Ion: 330 Resp: 382
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.6 116.4
 141 45.3 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.417 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098839.D
 Acq: 8 Mar 2019 18:00

Tgt Ion: 172 Resp: 3519
 Ion Ratio Lower Upper
 172 100
 171 33.0 28.0 42.0
 170 22.7 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190305

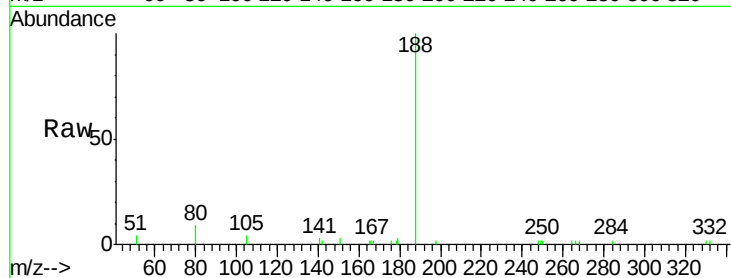
Tgt Ion:188 Resp: 5480

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

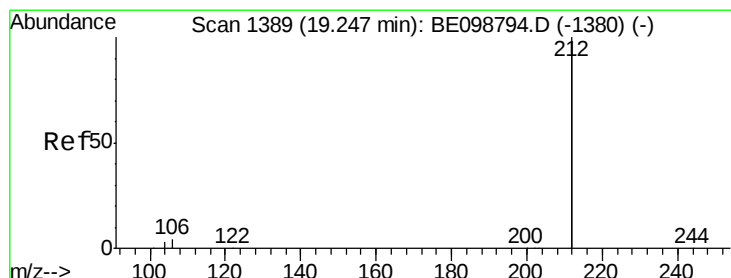
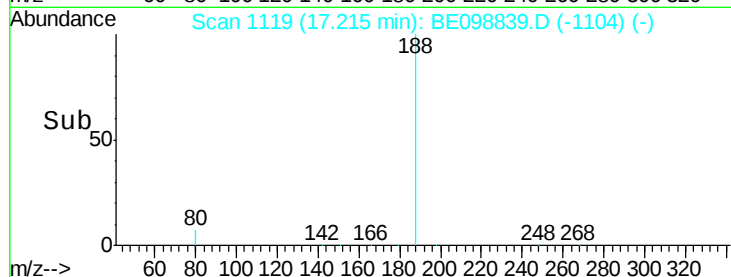
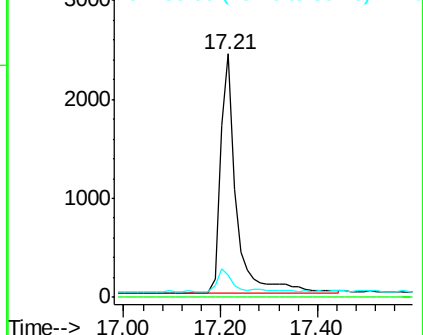
80 8.9 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

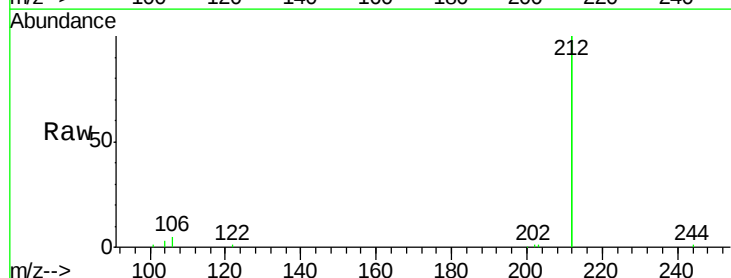
Tgt Ion:212 Resp: 31989

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

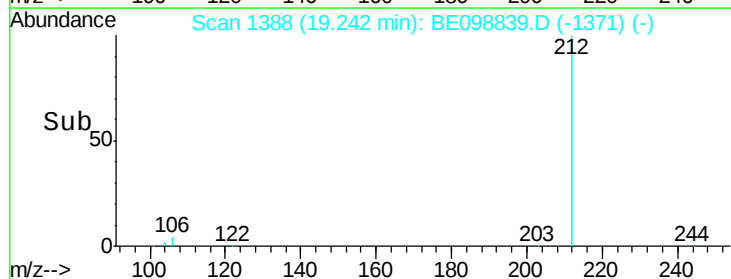
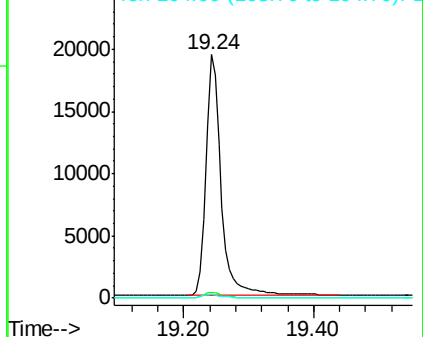
104 1.4 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190305

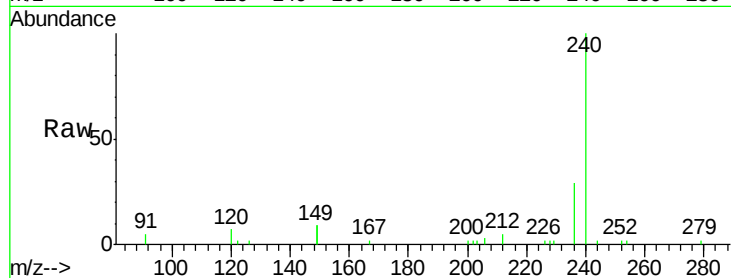
Tgt Ion:240 Resp: 6781

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.4

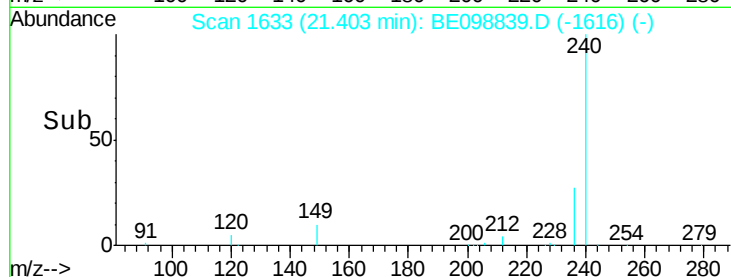
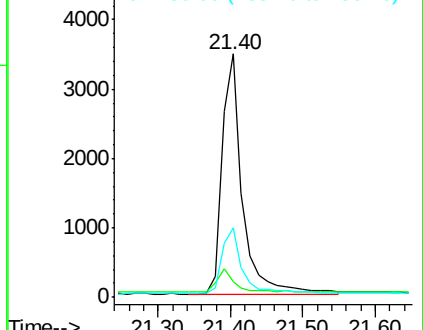
236 28.5 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.476 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098839.D

Acq: 8 Mar 2019 18:00

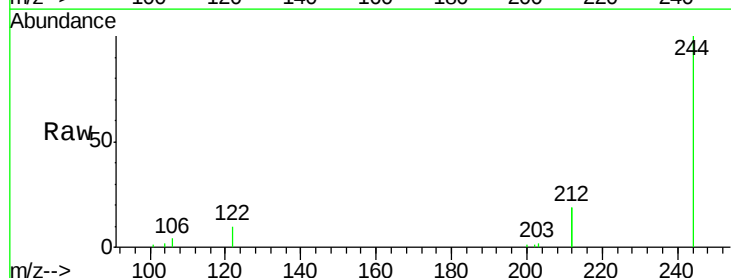
Tgt Ion:244 Resp: 7849

Ion Ratio Lower Upper

244 100

212 37.7 29.4 44.2

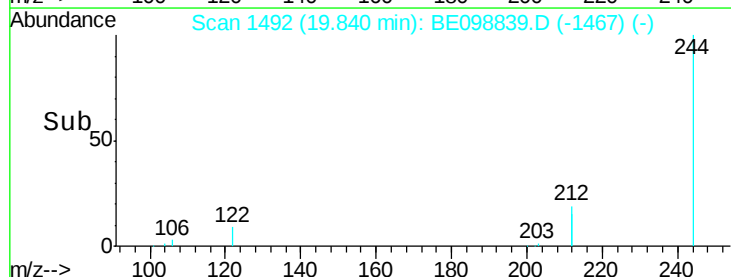
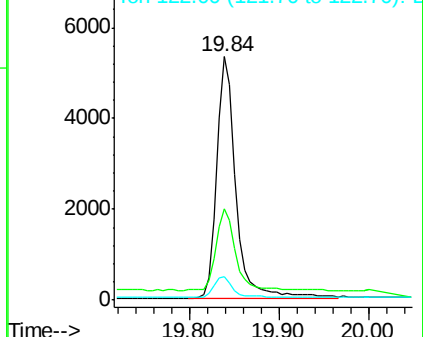
122 9.8 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

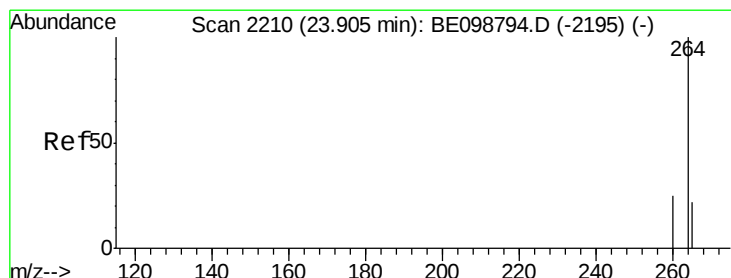
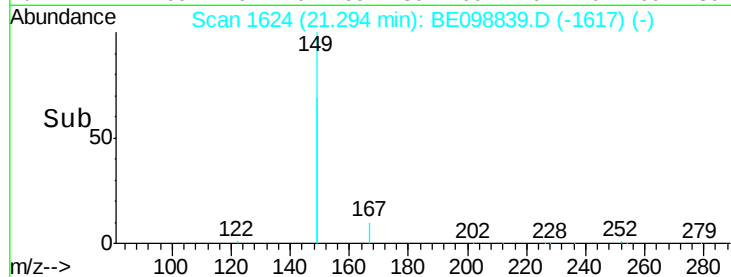
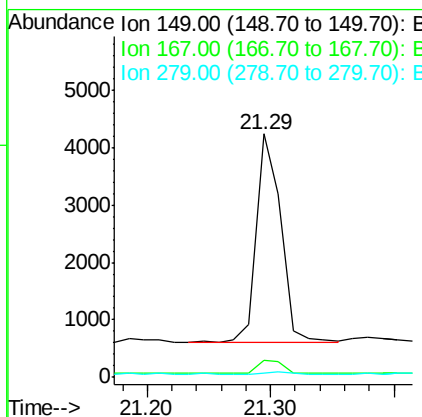
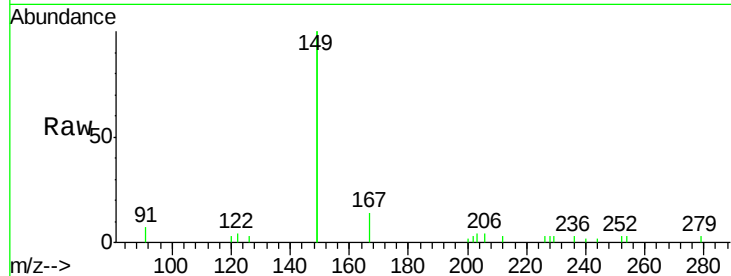




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098839.D
 Acq: 8 Mar 2019 18:00

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190305

Tgt Ion:149 Resp: 4979
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.4 8.0
 279 1.1 1.0 1.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098839.D
 Acq: 8 Mar 2019 18:00

Tgt Ion:264 Resp: 6567
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.2 31.8
 265 28.8 24.6 36.8

