

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122815\
 Data File : BF084156.D
 Acq On : 28 Dec 2015 15:31
 Operator : UM/SJ
 Sample : G4934-02DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115DL

Quant Time: Dec 29 04:20:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

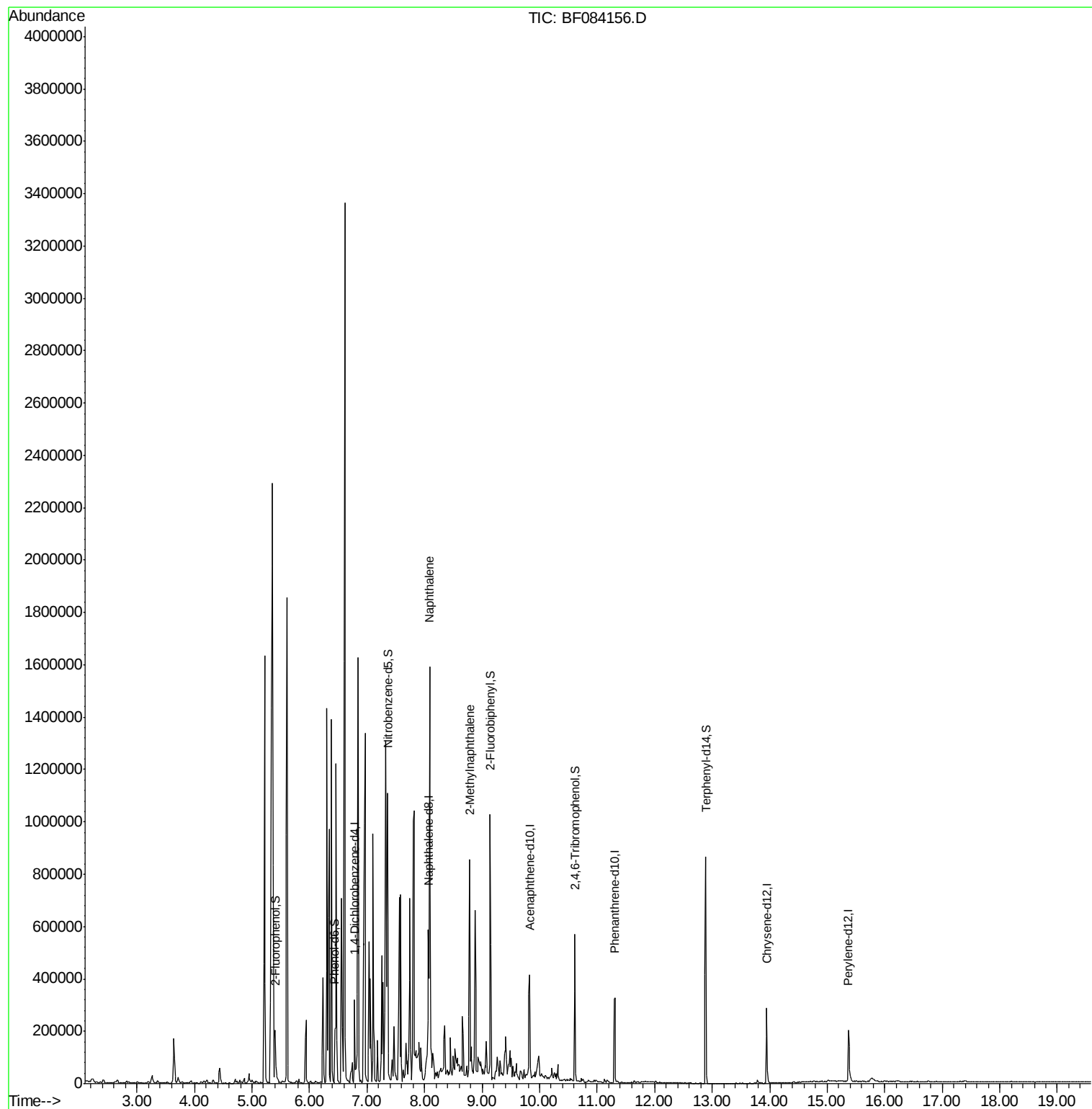
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	51597	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	208462	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	100308	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	175890	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	131995	20.00	ng	-0.01
86) Perylene-d12	15.37	264	105086	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	99677	32.75	ng	-0.01
7) Phenol-d6	6.44	99	79281	21.05	ng	-0.01
23) Nitrobenzene-d5	7.36	82	175680	49.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	84479	78.98	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	365810	49.90	ng	-0.02
78) Terphenyl-d14	12.89	244	295254	40.48	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.09	128	791469	71.36	ng	99
37) 2-Methylnaphthalene	8.78	142	222564	32.06	ng	99

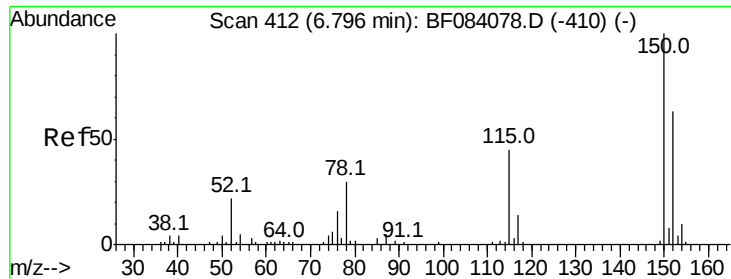
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF084156.D

Acq: 28 Dec 2015 15:31

Instrument :

BNA_F

ClientSampleId :

MW-2-122115DL

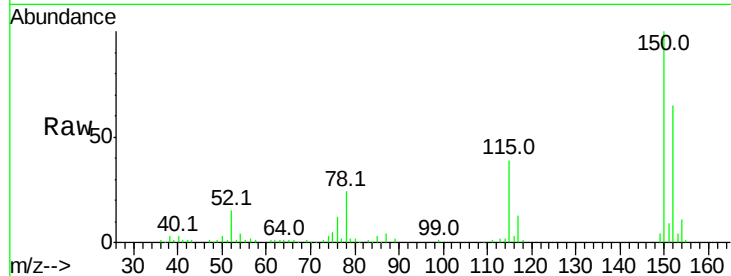
Tot Ion:152 Resp: 51597

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

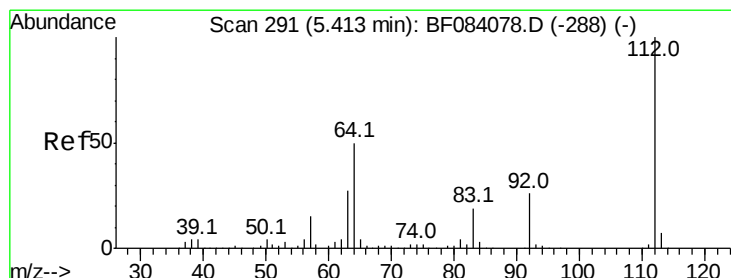
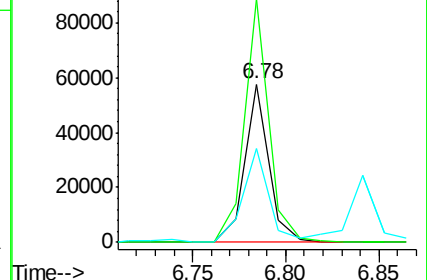
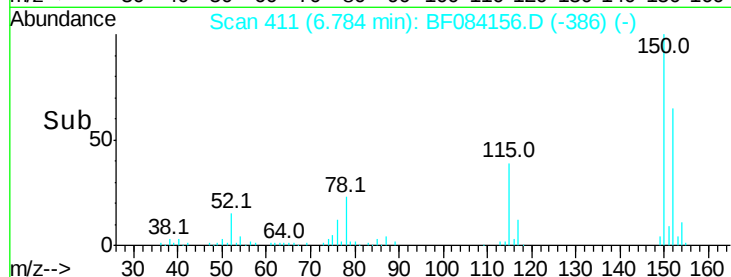
115 59.6 51.4 77.2



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: 32.75 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.01 min

Lab File: BF084156.D

Acq: 28 Dec 2015 15:31

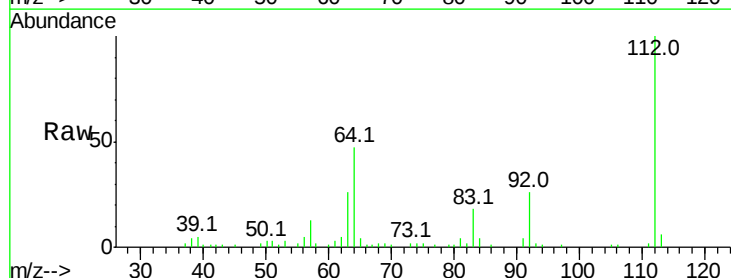
Tgt Ion:112 Resp: 99677

Ion Ratio Lower Upper

112 100

64 46.6 36.6 55.0

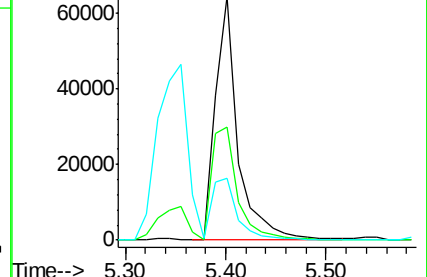
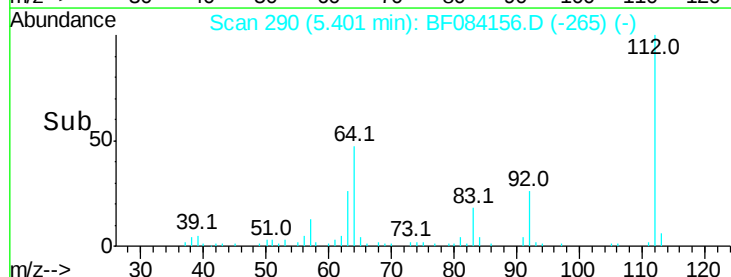
63 25.6 19.4 29.0

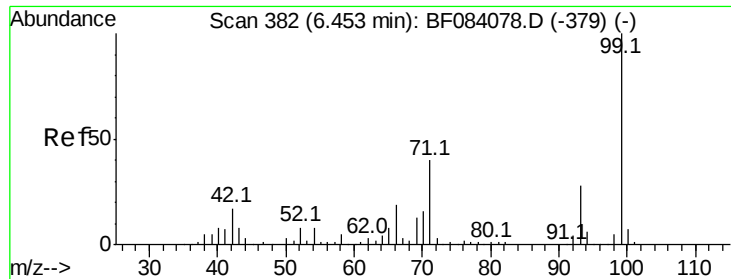


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.05 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084156.D

Acq: 28 Dec 2015 15:31

Instrument :

BNA_F

ClientSampleId :

MW-2-122115DL

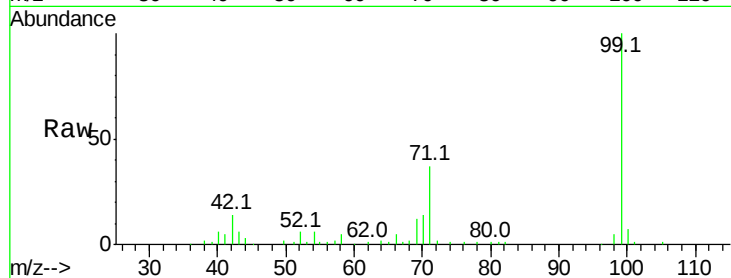
Tot Ion: 99 Resp: 79281

Ion Ratio Lower Upper

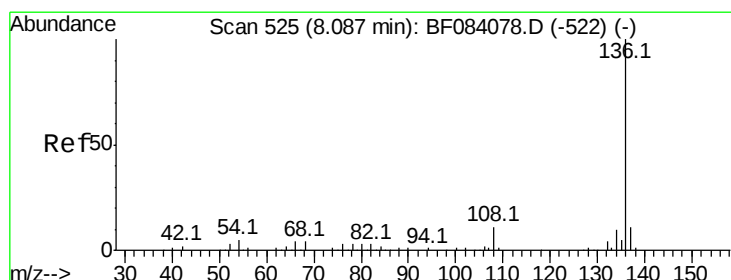
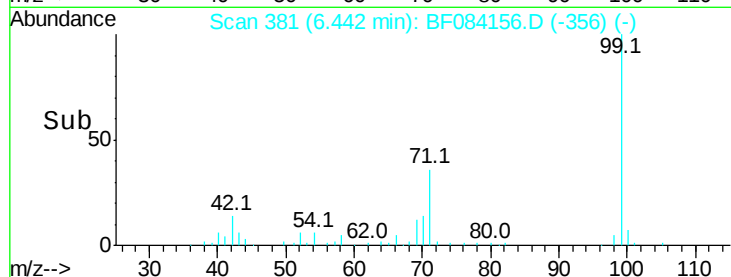
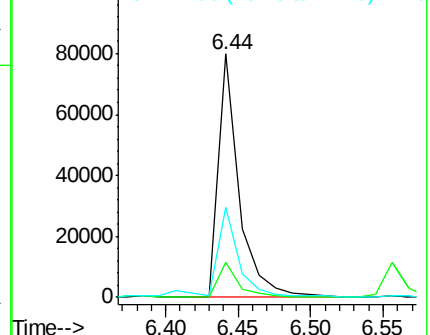
99 100

42 14.3 12.8 19.2

71 36.9 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF084156.D

Acq: 28 Dec 2015 15:31

Tgt Ion: 136 Resp: 208462

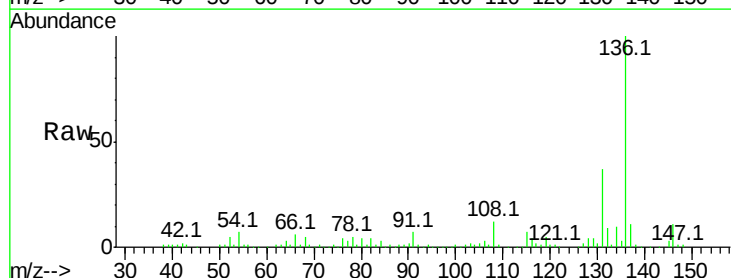
Ion Ratio Lower Upper

136 100

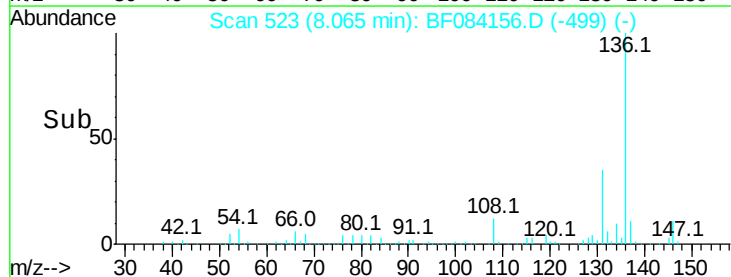
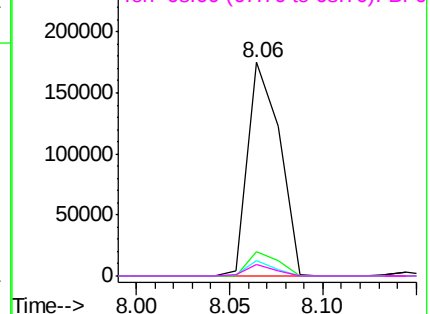
137 11.4 8.7 13.1

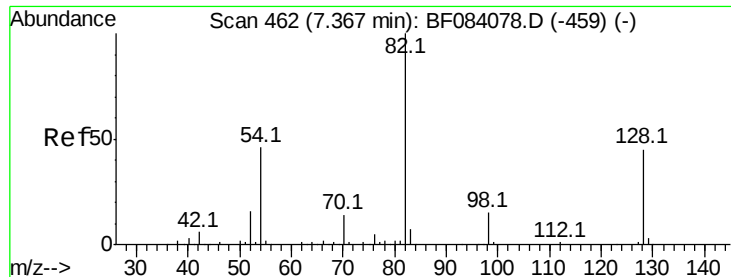
54 7.4 5.8 8.8

68 5.4 4.2 6.2



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

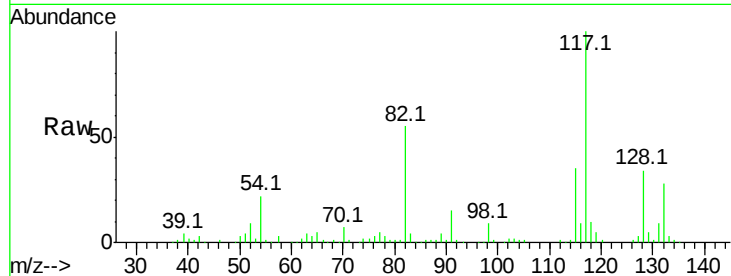




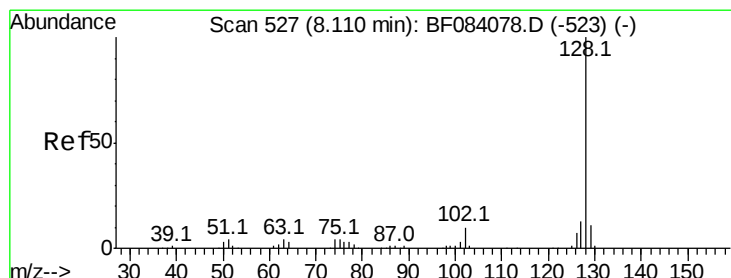
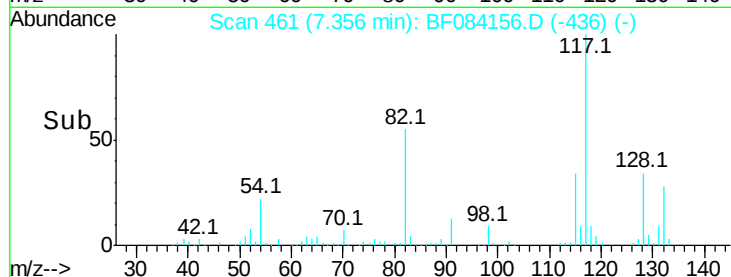
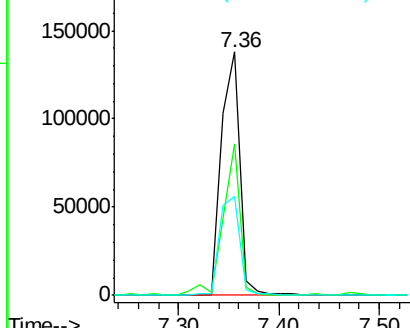
#23
 Nitrobenzene-d5
 Concen: 49.33 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF084156.D
 Acq: 28 Dec 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115DL

Tot Ion: 82 Resp: 175680
 Ion Ratio Lower Upper
 82 100
 128 62.0 34.6 51.8#
 54 40.4 38.4 57.6

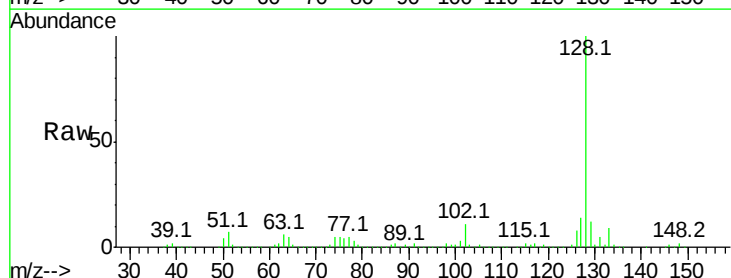


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

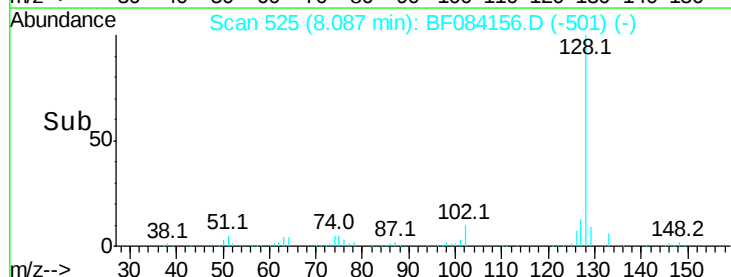
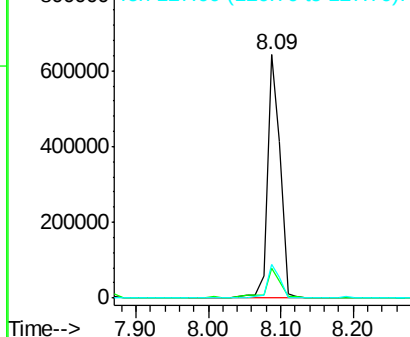


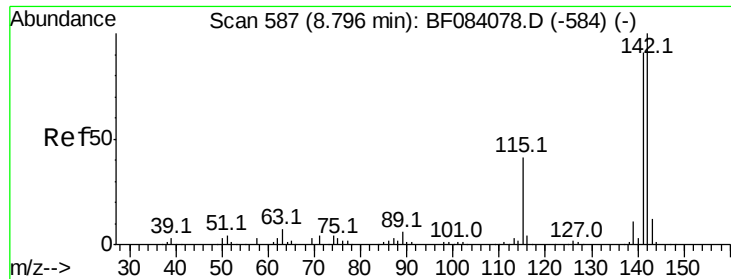
#31
 Naphthalene
 Concen: 71.36 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF084156.D
 Acq: 28 Dec 2015 15:31

Tgt Ion: 128 Resp: 791469
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.1 13.7
 127 13.9 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

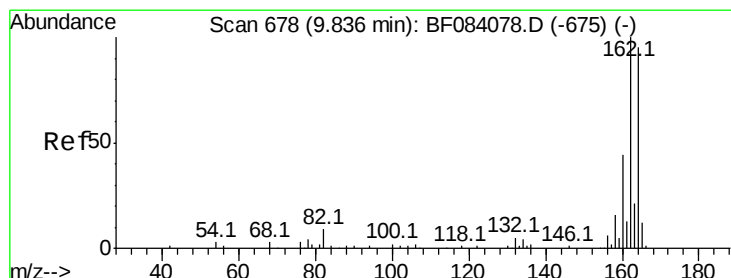
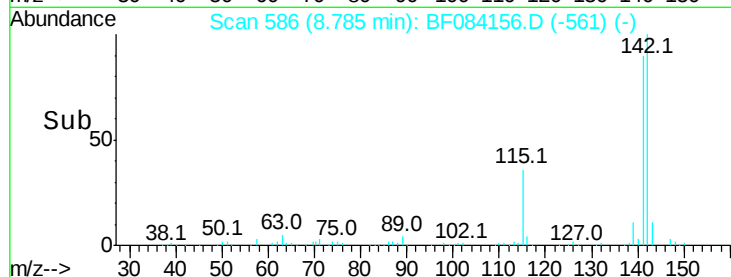
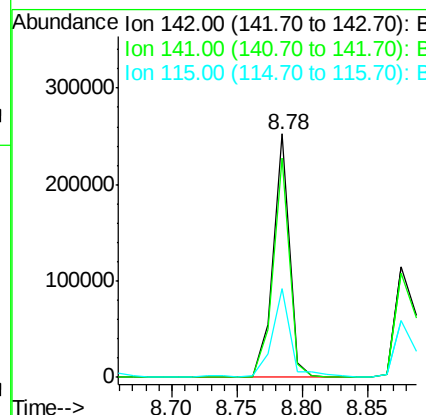
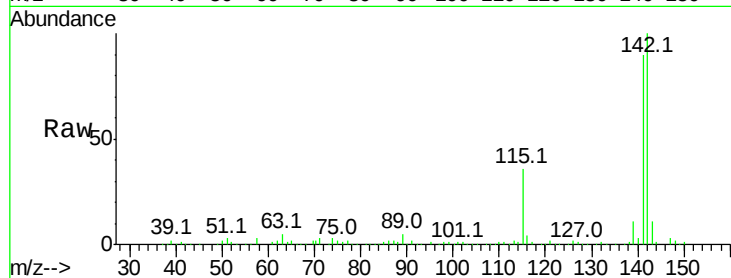




#37
 2-Methylnaphthalene
 Concen: 32.06 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF084156.D
 Acq: 28 Dec 2015 15:31

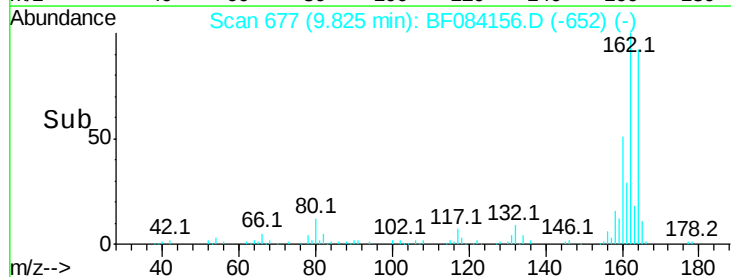
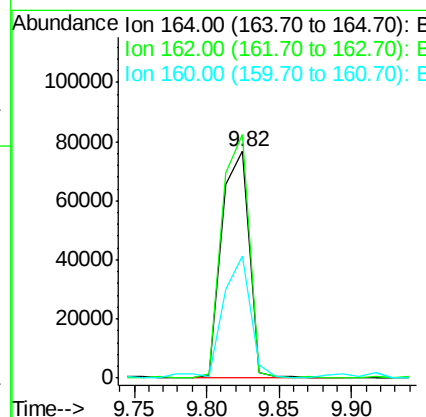
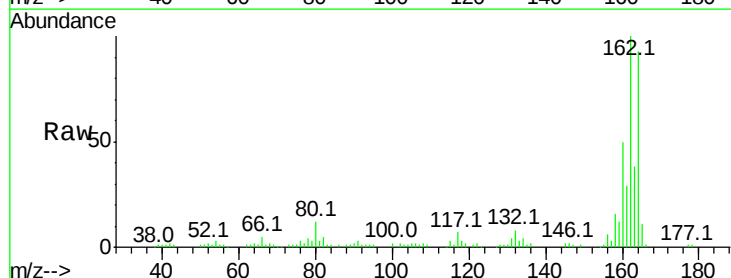
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115DL

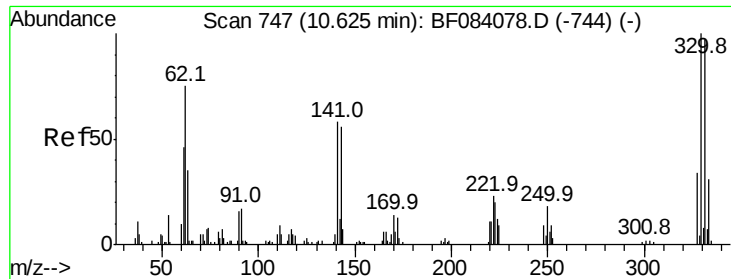
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.4	108.6
115	36.2	27.9	41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF084156.D
 Acq: 28 Dec 2015 15:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.1	127.7
160	54.1	37.5	56.3

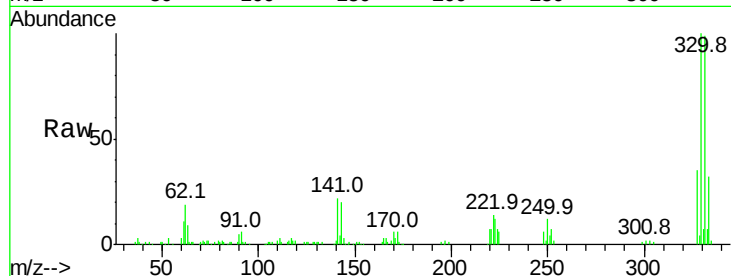




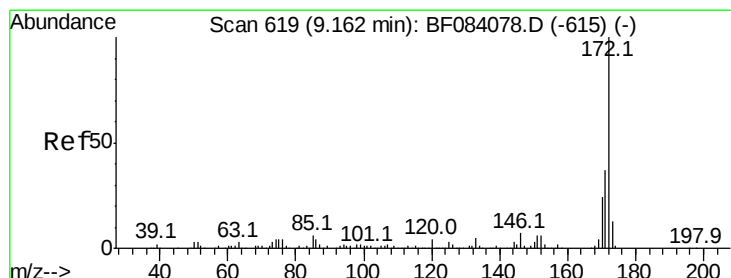
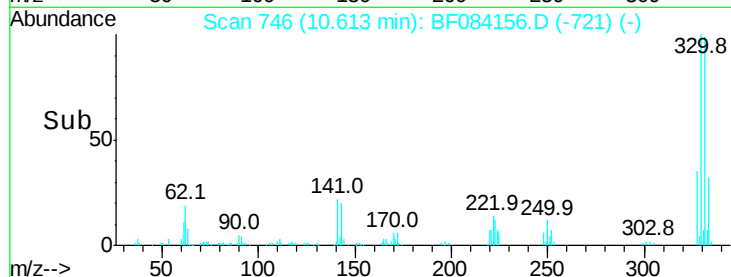
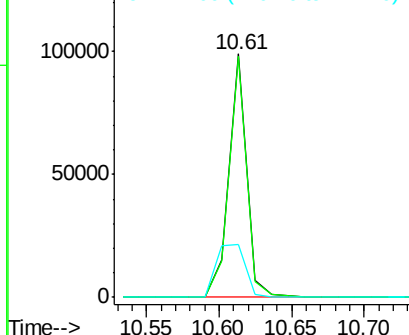
#41
 2,4,6-Tribromophenol
 Concen: 78.98 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF084156.D
 Acq: 28 Dec 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115DL

Tot Ion:330 Resp: 84479
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 114.8
 141 35.8 27.8 41.6

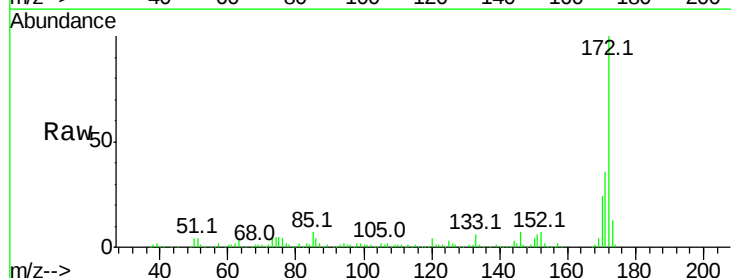


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

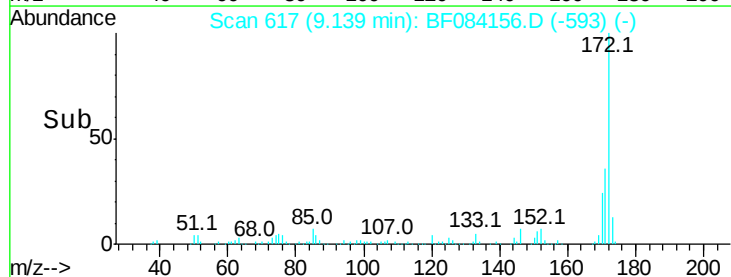
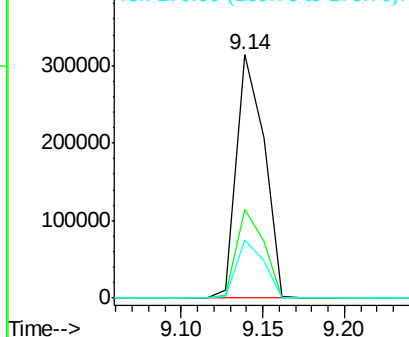


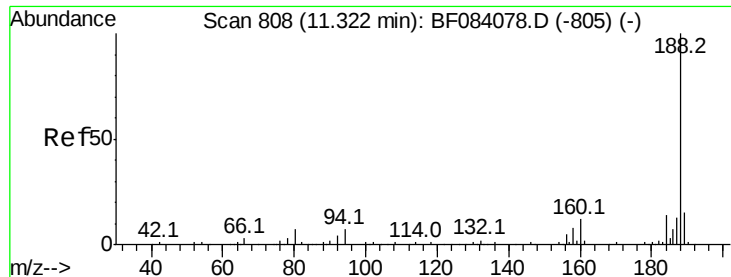
#44
 2-Fluorobiphenyl
 Concen: 49.90 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF084156.D
 Acq: 28 Dec 2015 15:31

Tgt Ion:172 Resp: 365810
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 23.7 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

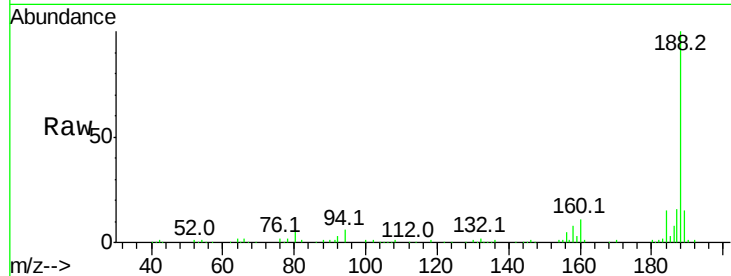




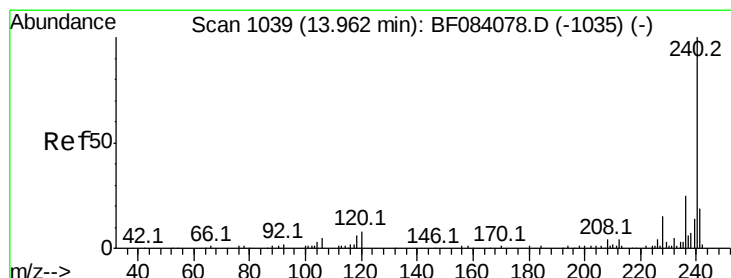
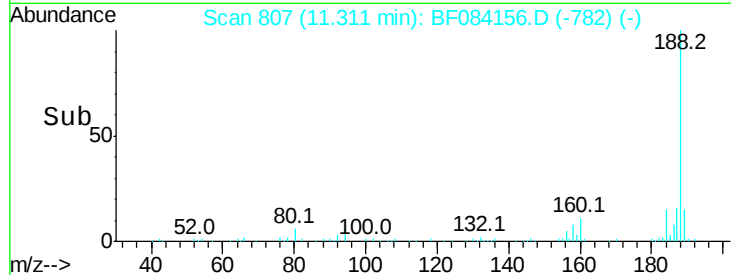
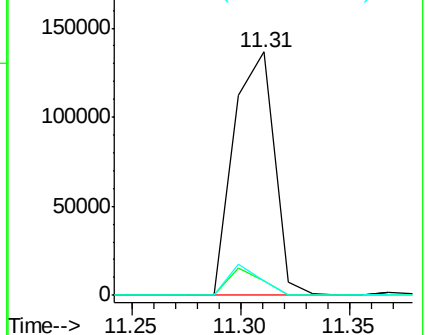
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Instrument :
BNA_F
ClientSampleId :
MW-2-122115DL

Tot Ion:188 Resp: 175890
Ion Ratio Lower Upper
188 100
94 6.0 9.0 13.4#
80 6.2 9.6 14.4#

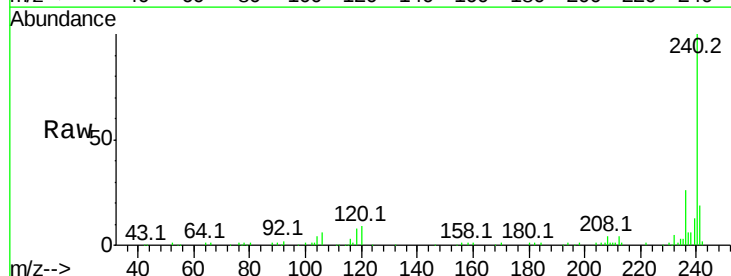


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

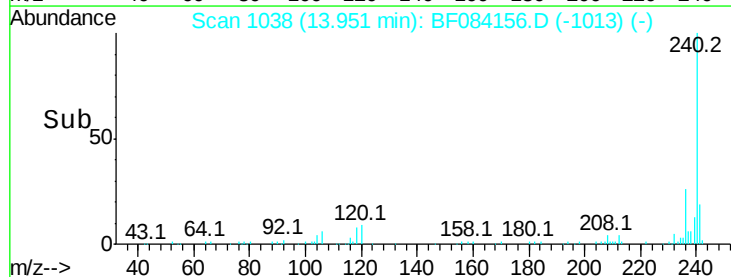
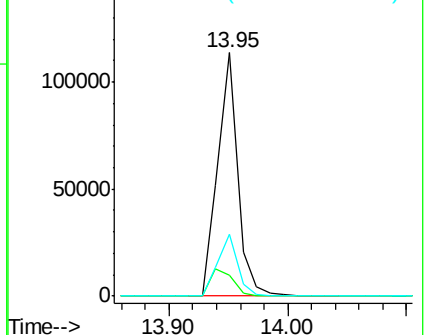


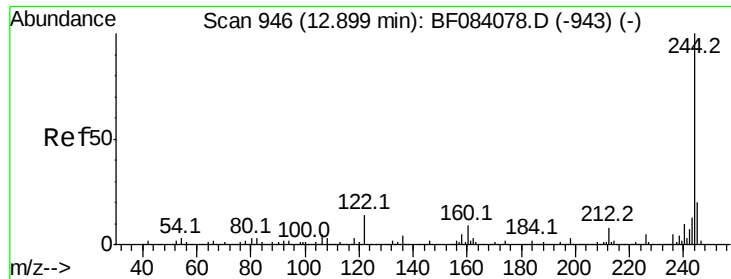
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Tgt Ion:240 Resp: 131995
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 25.7 20.6 31.0



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

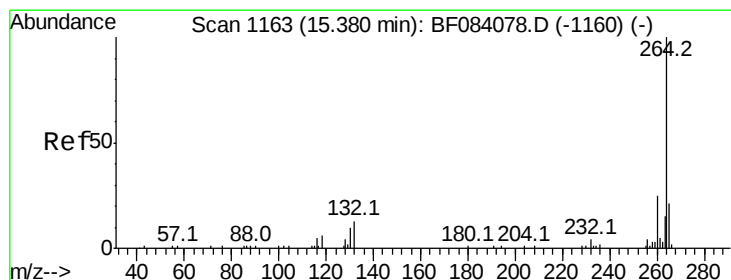
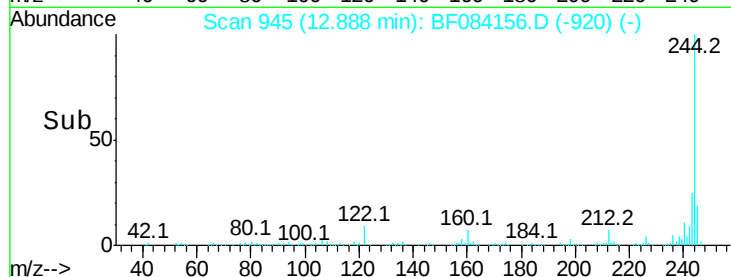
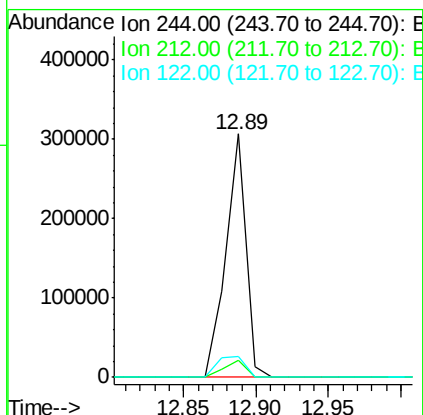
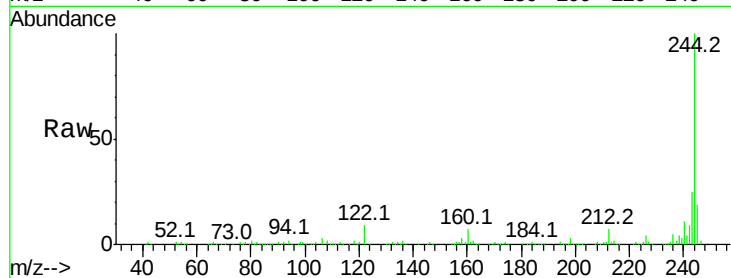




#78
 Terphenyl-d14
 Concen: 40.48 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF084156.D
 Acq: 28 Dec 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115DL

Tot Ion:244 Resp: 295254
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.5 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF084156.D
 Acq: 28 Dec 2015 15:31

Tgt Ion:264 Resp: 105086
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.0 17.8 26.6

