

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092301.D
 Acq On : 16 Jan 2017 22:49
 Operator : UM/SJ
 Sample : I1162-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Quant Time: Jan 17 02:19:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

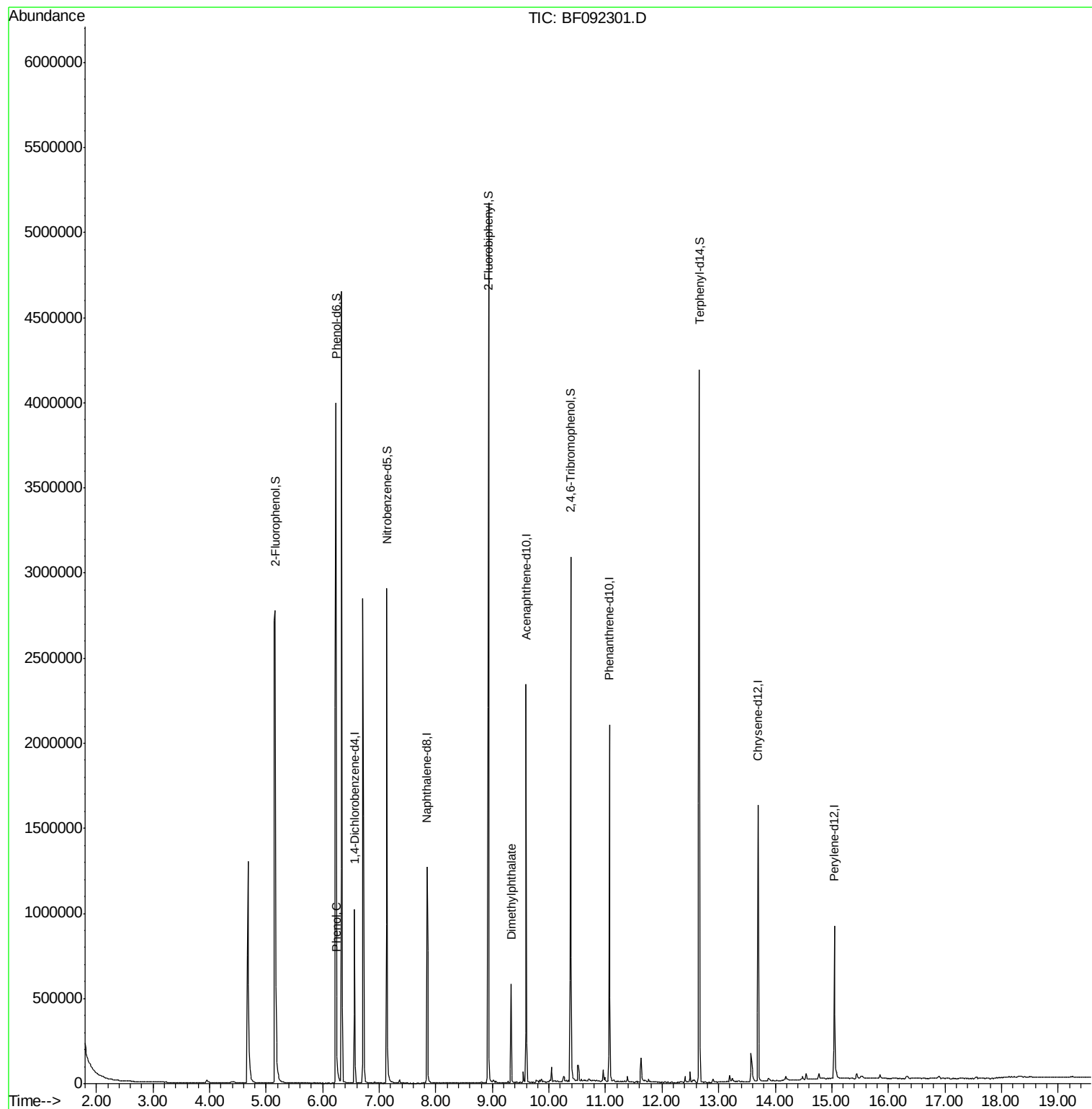
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	179724	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	754753	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	466347	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	762677	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	579996	20.00	ng	-0.01
86) Perylene-d12	15.05	264	384779	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1380302	128.24	ng	0.01
7) Phenol-d6	6.23	99	1712849	130.34	ng	0.00
23) Nitrobenzene-d5	7.14	82	1028683	75.79	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	384047	99.51	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	1795075	77.77	ng	0.00
78) Terphenyl-d14	12.66	244	1374830	57.49	ng	0.00
Target Compounds						
10) Phenol	6.24	94	81143	5.42	ng	Qvalue # 66
49) Dimethylphthalate	9.33	163	237111	7.95	ng	99

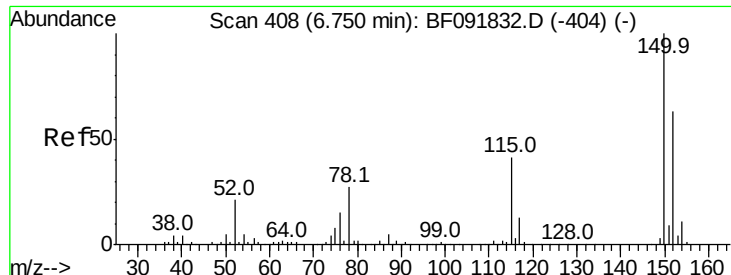
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092301.D

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BNA_F

ClientSampleId :

SB-46-COMP

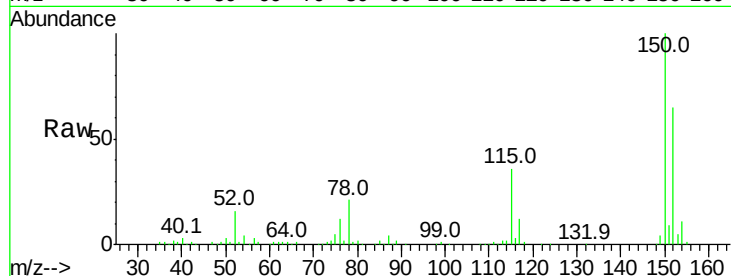
Tot Ion:152 Resp: 179724

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

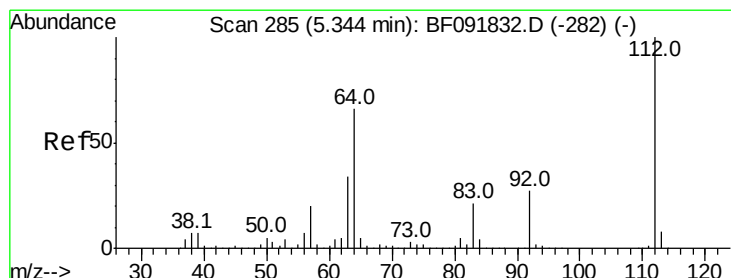
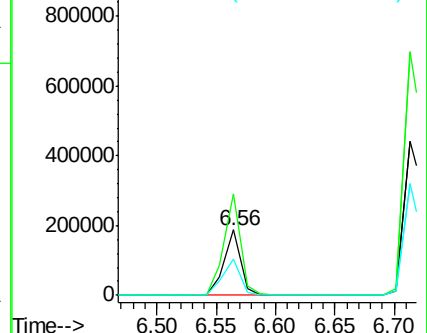
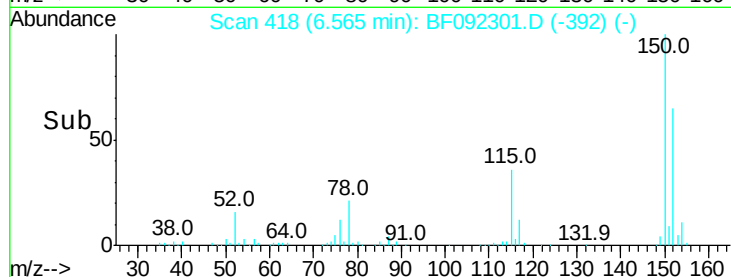
115 55.9 46.0 69.0



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: 128.24 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092301.D

Acq: 16 Jan 2017 22:49

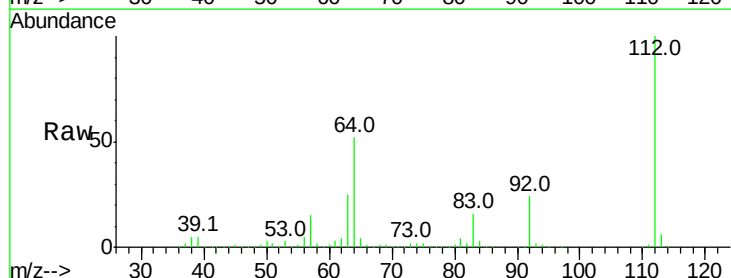
Tgt Ion:112 Resp: 1380302

Ion Ratio Lower Upper

112 100

64 52.2 46.1 69.1

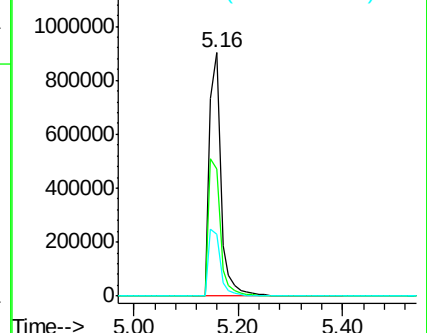
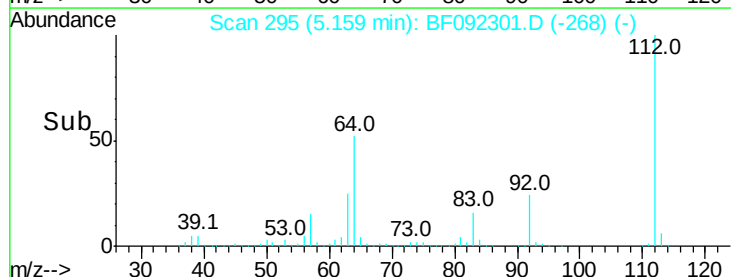
63 25.5 23.8 35.6

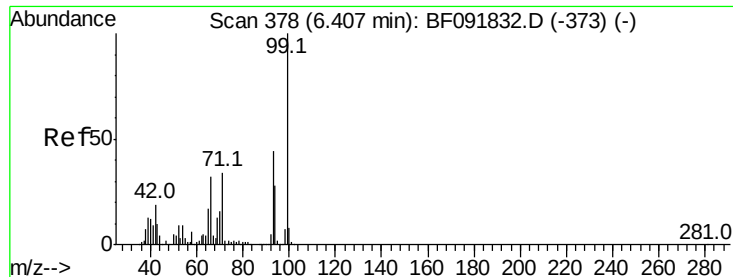


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.34 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092301.D

Acq: 16 Jan 2017 22:49

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

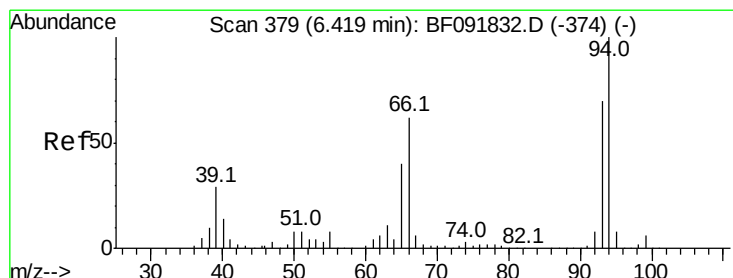
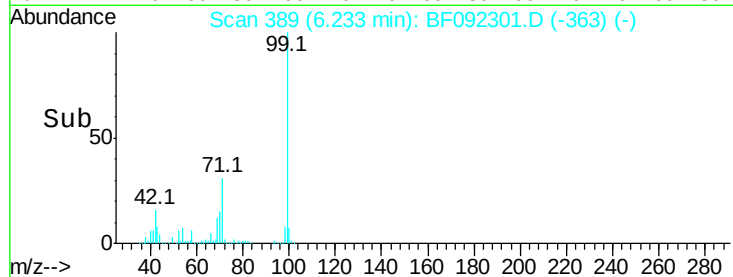
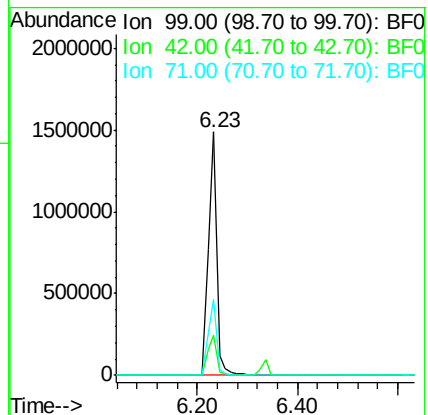
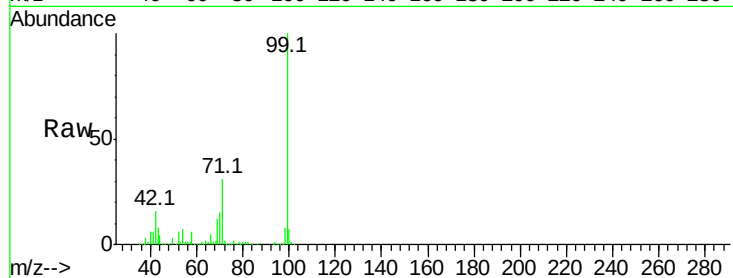
Tot Ion: 99 Resp: 1712849

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

71 31.2 27.5 41.3



#10

Phenol

Concen: 5.42 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092301.D

Acq: 16 Jan 2017 22:49

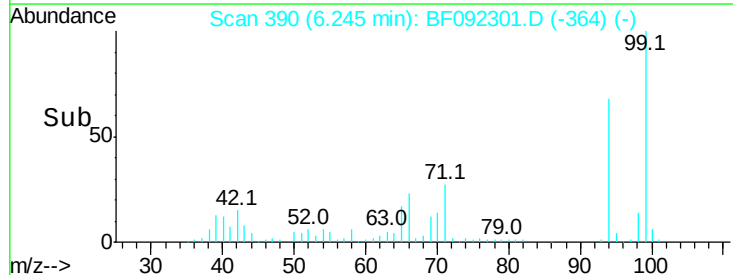
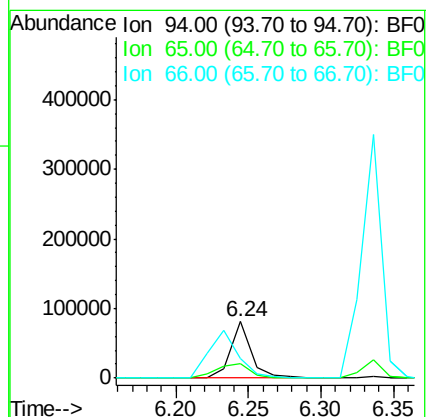
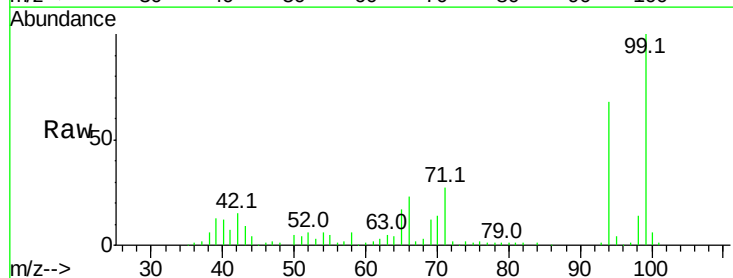
Tgt Ion: 94 Resp: 81143

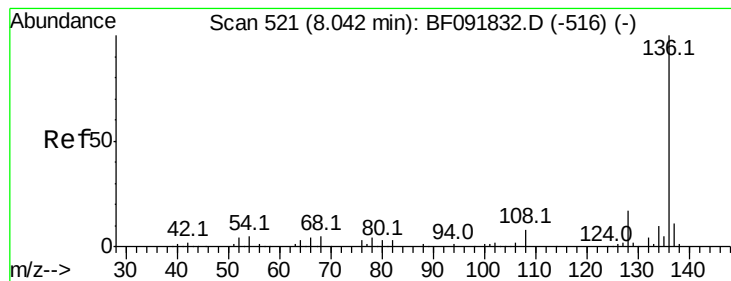
Ion Ratio Lower Upper

94 100

65 24.6 21.4 61.4

66 34.2 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092301.D

Acq: 16 Jan 2017 22:49

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

Tot Ion:136 Resp: 754753

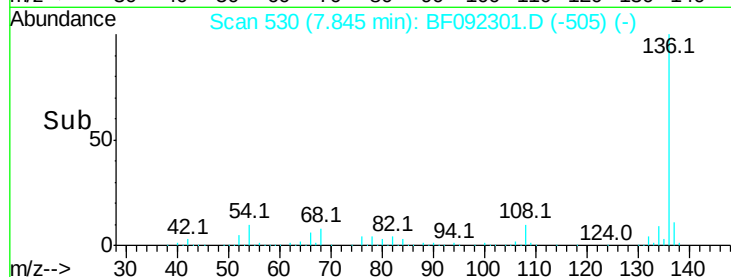
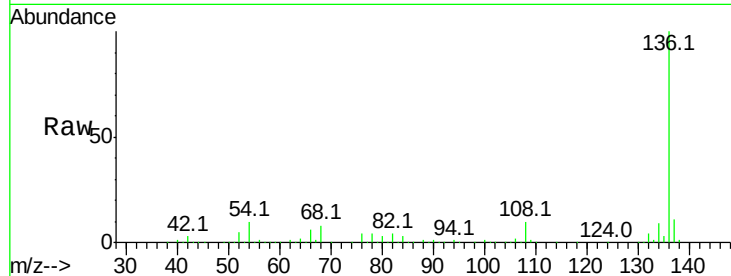
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.8 4.5 6.7#

68 7.9 3.6 5.4#

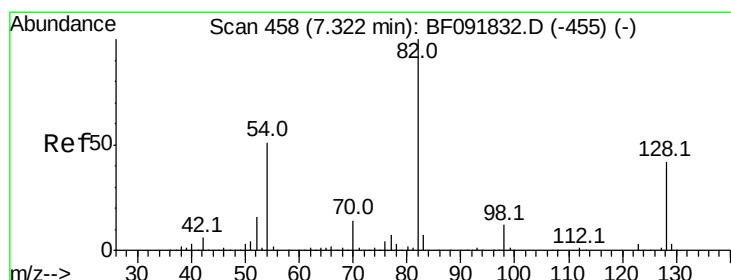
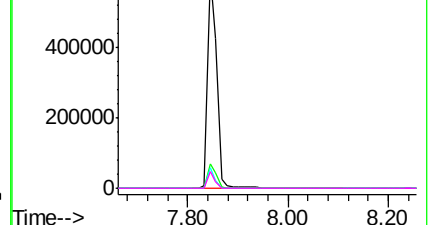


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.79 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092301.D

Acq: 16 Jan 2017 22:49

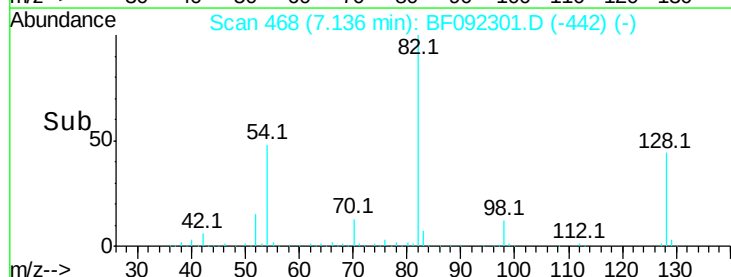
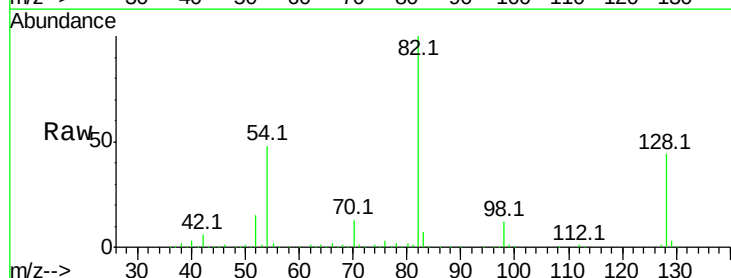
Tgt Ion: 82 Resp: 1028683

Ion Ratio Lower Upper

82 100

128 43.9 34.6 52.0

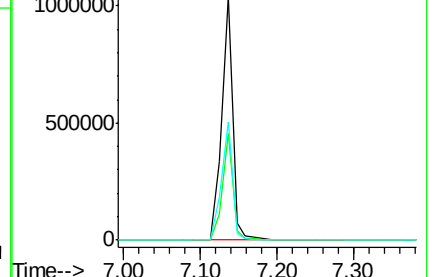
54 48.4 39.5 59.3

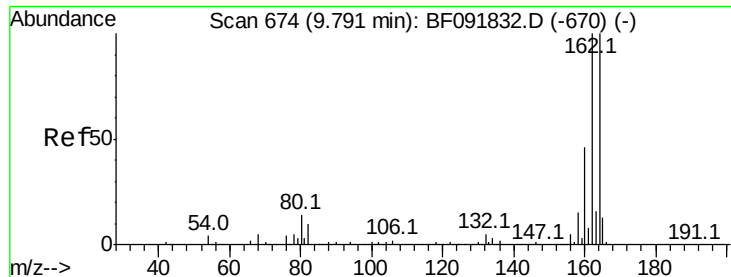


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

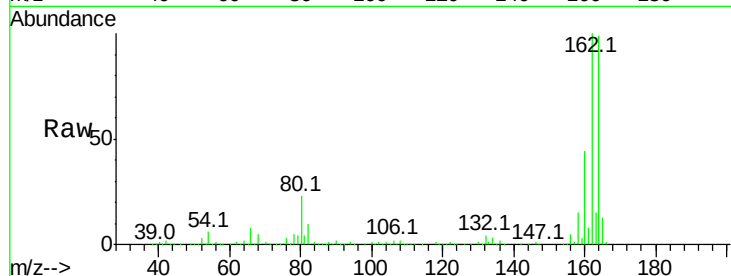




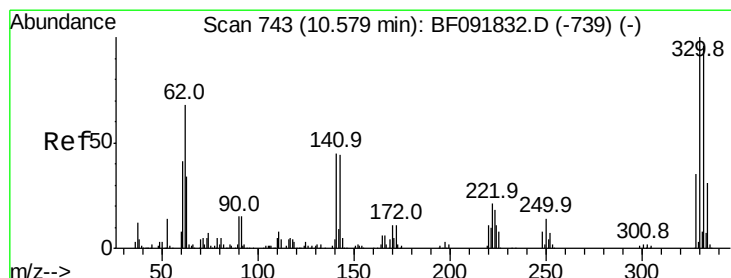
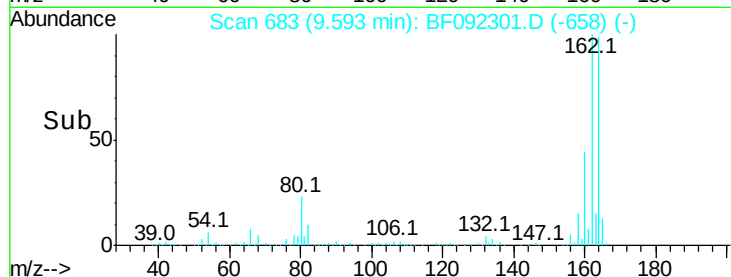
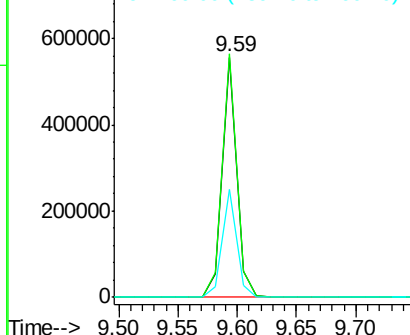
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092301.D
 Acq: 16 Jan 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tot Ion:164 Resp: 466347
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 45.1 36.9 55.3

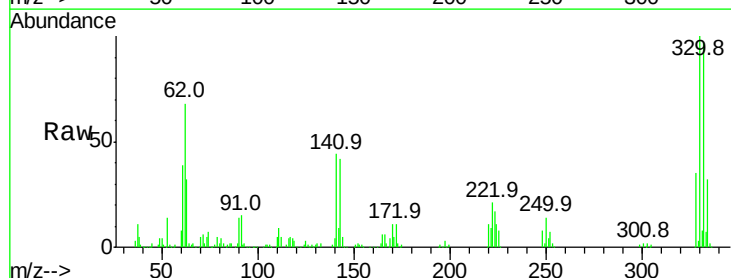


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

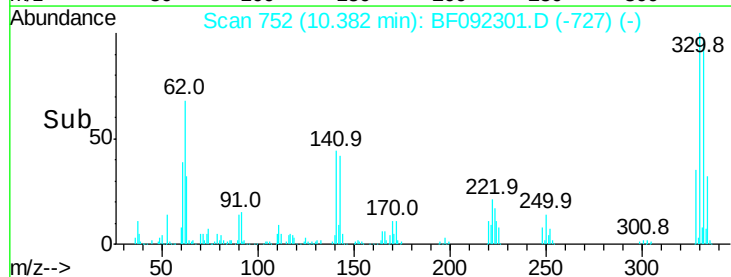
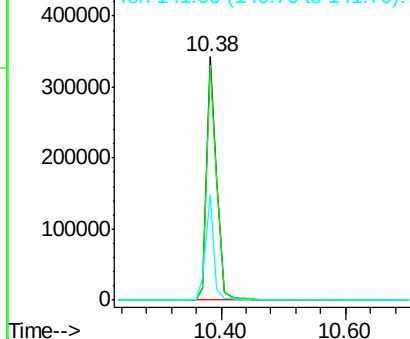


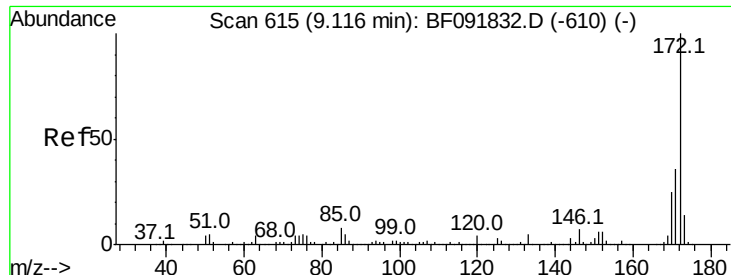
#41
 2,4,6-Tribromophenol
 Concen: 99.51 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092301.D
 Acq: 16 Jan 2017 22:49

Tgt Ion:330 Resp: 384047
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 36.4 34.1 51.1



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

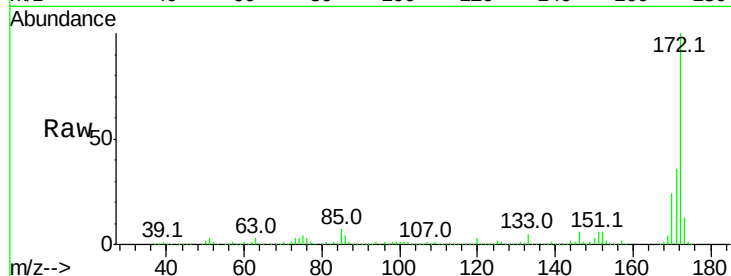




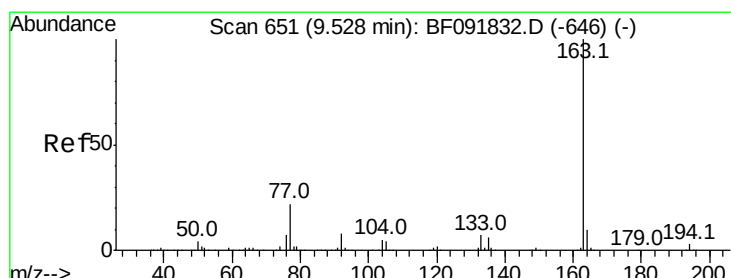
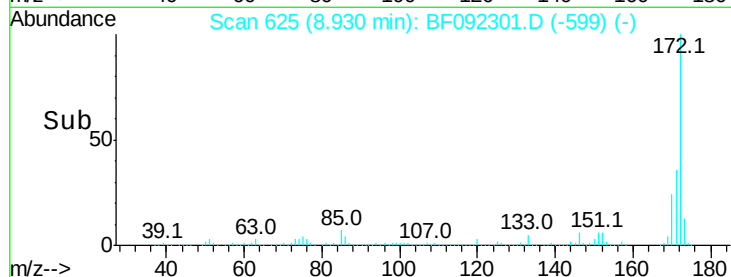
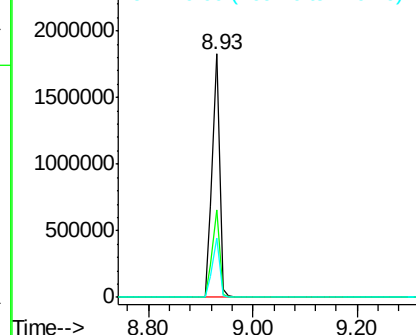
#44
2-Fluorobiphenyl
Concen: 77.77 ng
RT: 8.93 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF092301.D
Acq: 16 Jan 2017 22:49

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Tot Ion:172 Resp: 1795075
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.4 20.2 30.4

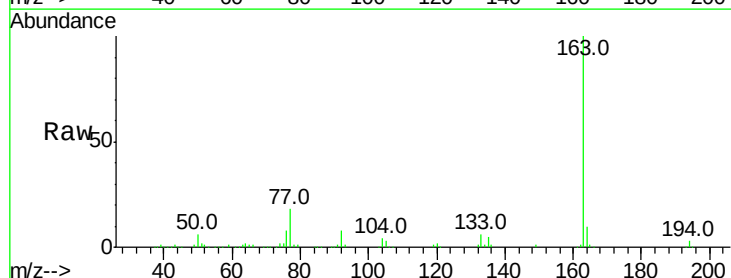


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

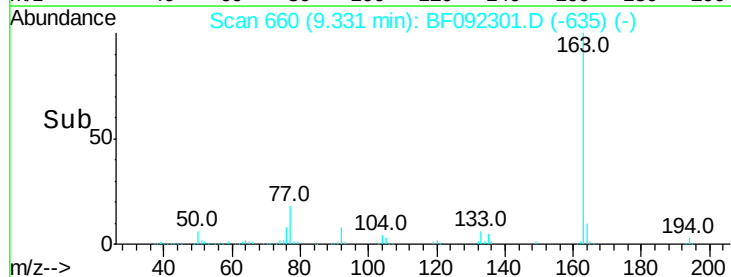
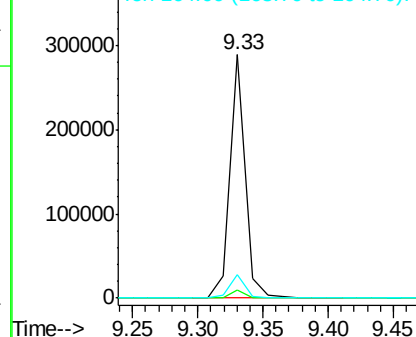


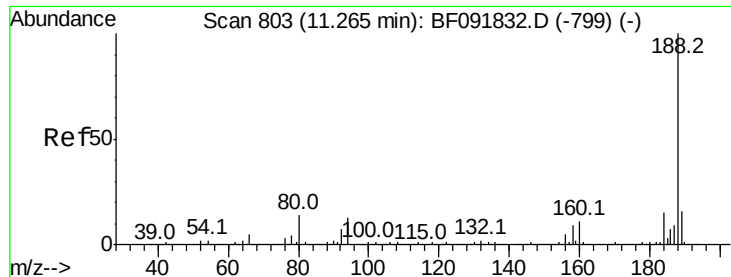
#49
Dimethylphthalate
Concen: 7.95 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF092301.D
Acq: 16 Jan 2017 22:49

Tgt Ion:163 Resp: 237111
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.9 8.0 12.0



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

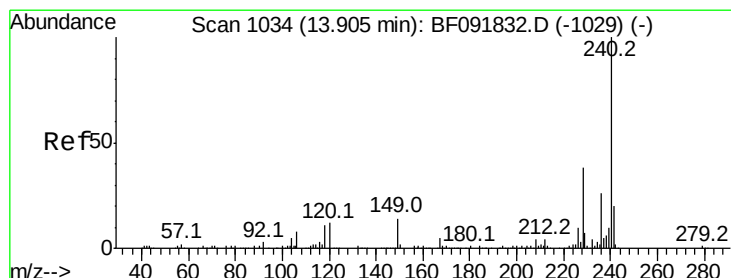
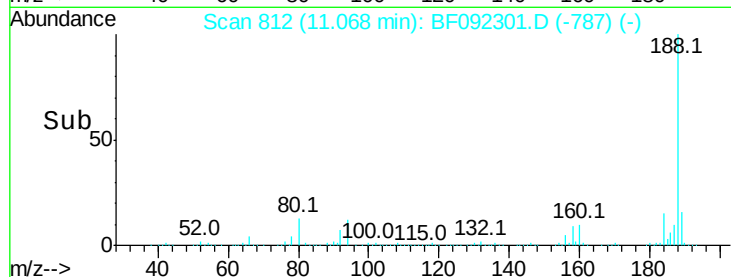
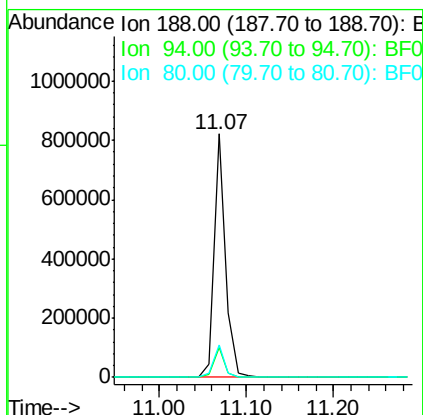
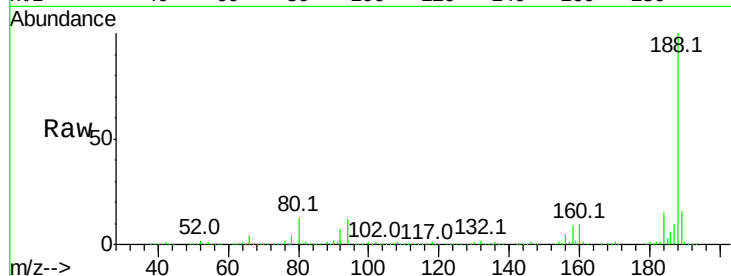




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092301.D
 Acq: 16 Jan 2017 22:49

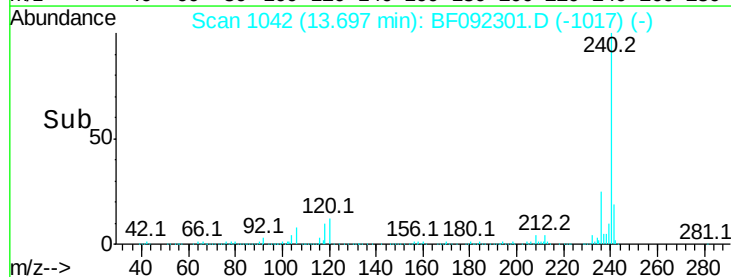
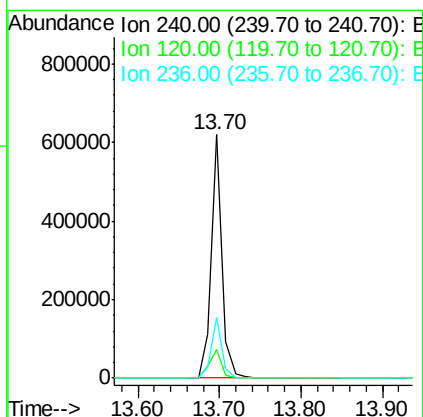
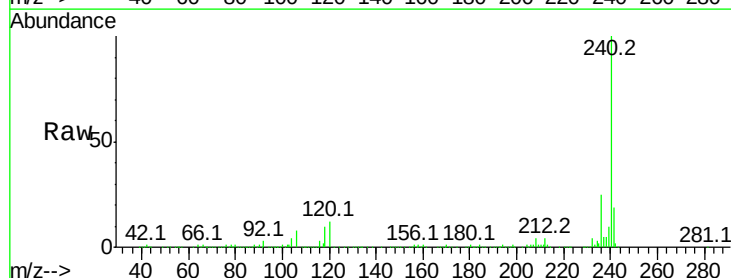
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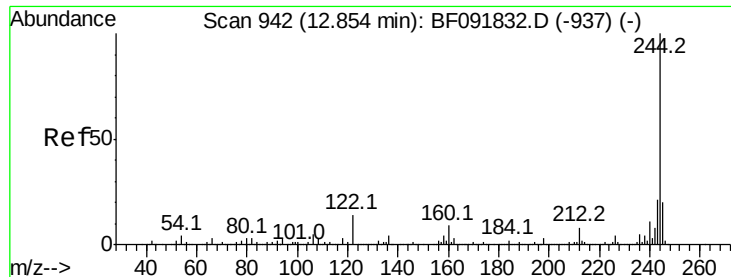
Tot Ion:188 Resp: 762677
 Ion Ratio Lower Upper
 188 100
 94 12.4 10.0 15.0
 80 13.3 11.2 16.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092301.D
 Acq: 16 Jan 2017 22:49

Tgt Ion:240 Resp: 579996
 Ion Ratio Lower Upper
 240 100
 120 11.5 12.9 19.3#
 236 25.1 20.9 31.3

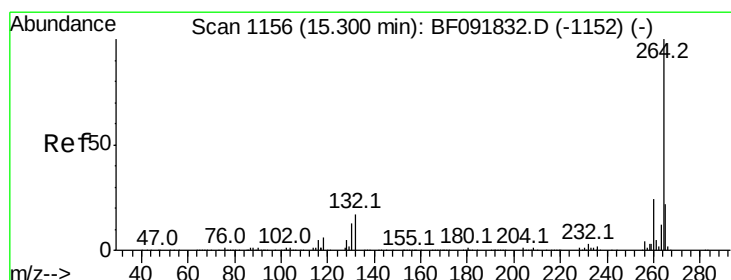
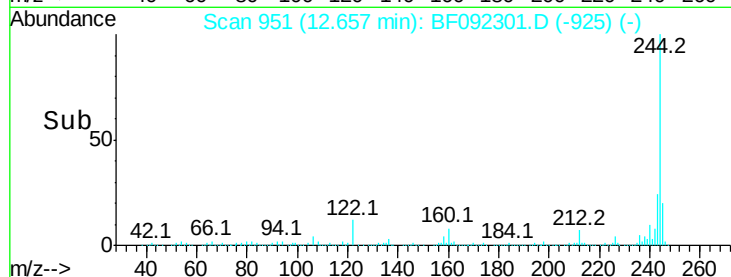
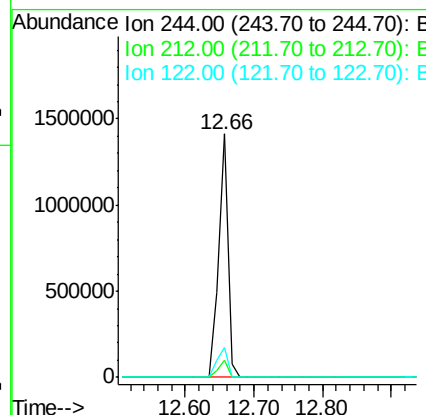
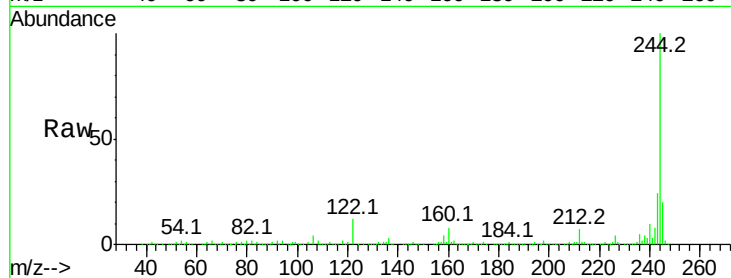




#78
 Terphenyl-d14
 Concen: 57.49 ng
 RT: 12.66 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF092301.D
 Acq: 16 Jan 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tot Ion:244 Resp: 1374830
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 12.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF092301.D
 Acq: 16 Jan 2017 22:49

Tgt Ion:264 Resp: 384779
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.5 17.4 26.0

