

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085079.D
 Acq On : 13 Feb 2016 12:02
 Operator : SJ/IZ
 Sample : H1373-01DL2 200X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-020516DL

Quant Time: Feb 15 00:58:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

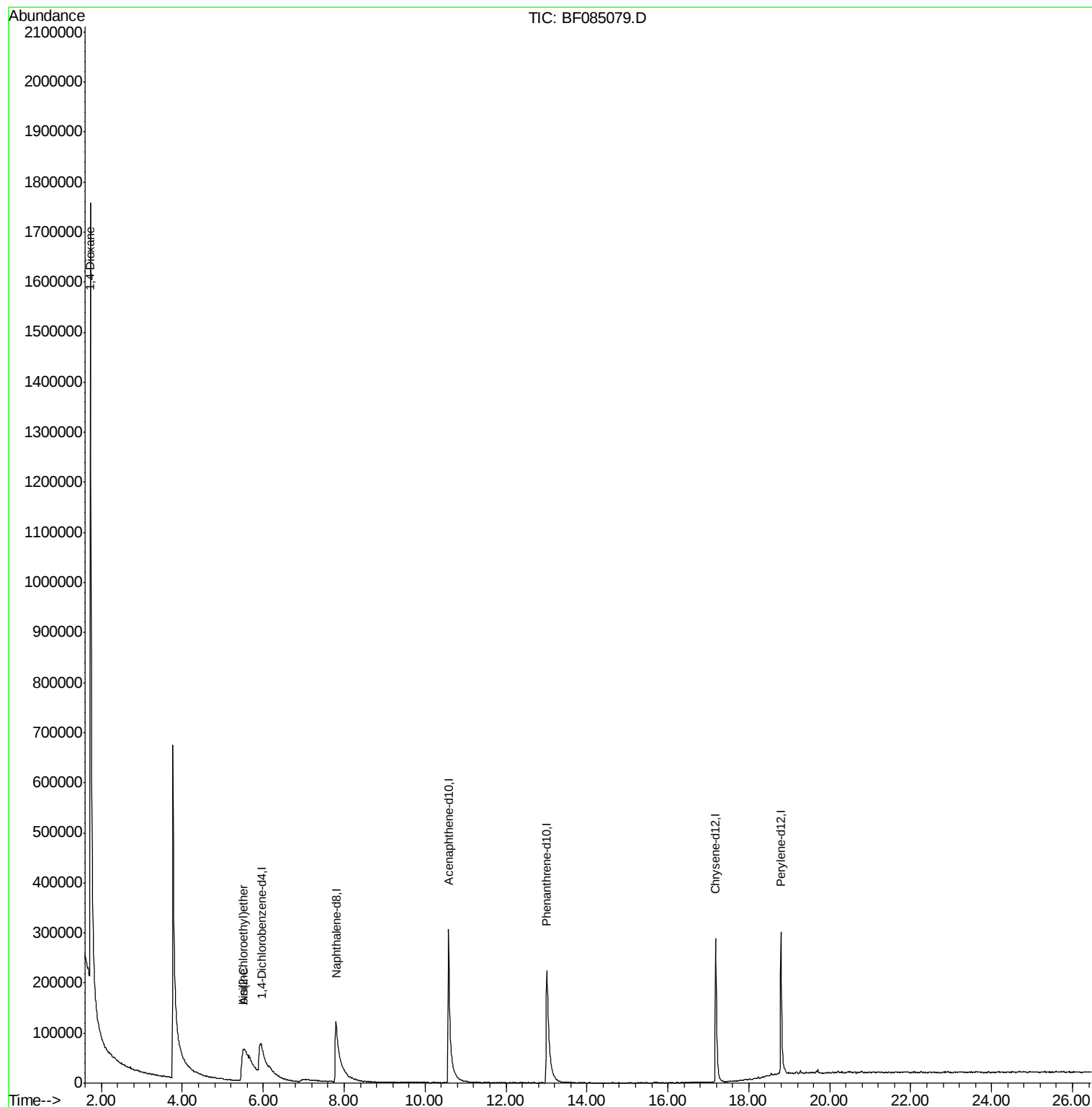
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.95	152	96419	20.00	ng	0.07
21) Naphthalene-d8	7.80	136	498920	20.00	ng	0.01
38) Acenaphthene-d10	10.58	164	249589	20.00	ng	0.00
63) Phenanthrene-d10	13.01	188	461063	20.00	ng	0.01
75) Chrysene-d12	17.18	240	297671	20.00	ng	0.00
86) Perylene-d12	18.80	264	251009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.67	172	5240	0.30	ng	0.14
78) Terphenyl-d14	15.67	244	5113	0.35	ng	0.05
Target Compounds						
2) 1,4-Dioxane	1.72	88	80174	35.29	ng	# 15
6) Aniline	5.51	93	89597	11.45	ng	# 69
11) bis(2-Chloroethyl)ether	5.51	93	89597	10.65	ng	# 26

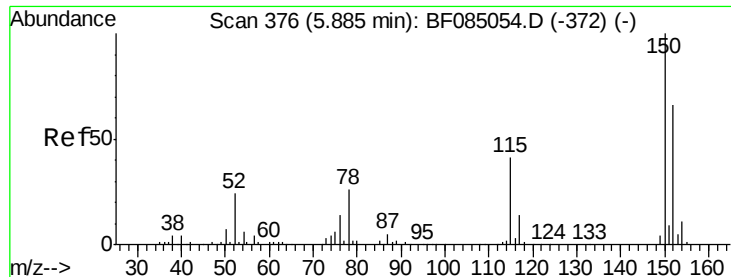
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.95 min Scan# 382

Delta R.T. 0.07 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516DL

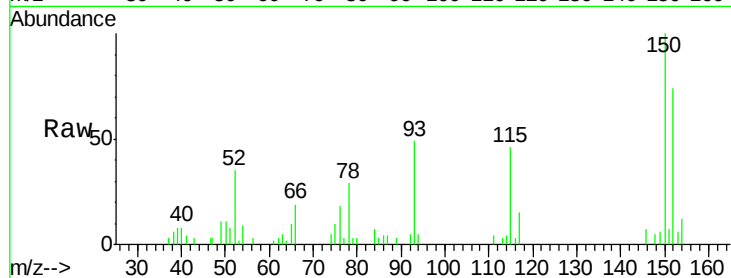
Tgt Ion:152 Resp: 96419

Ion Ratio Lower Upper

152 100

150 135.7 127.4 191.2

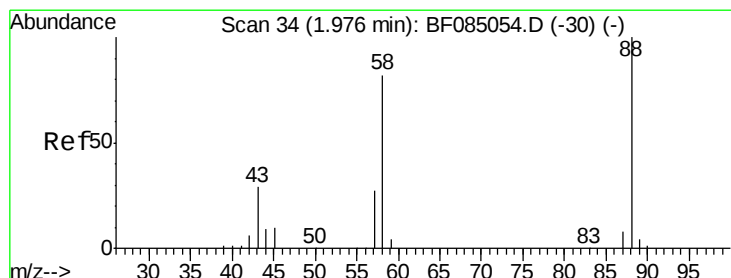
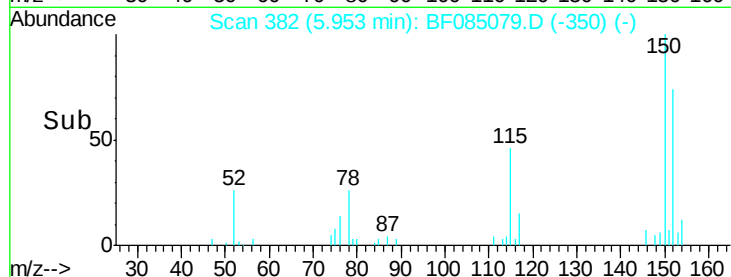
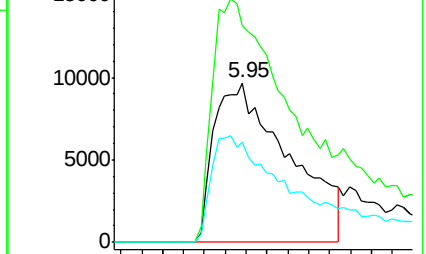
115 62.7 50.5 75.7



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



#2

1,4-Dioxane

Concen: 35.29 ng

RT: 1.72 min Scan# 12

Delta R.T. -0.25 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

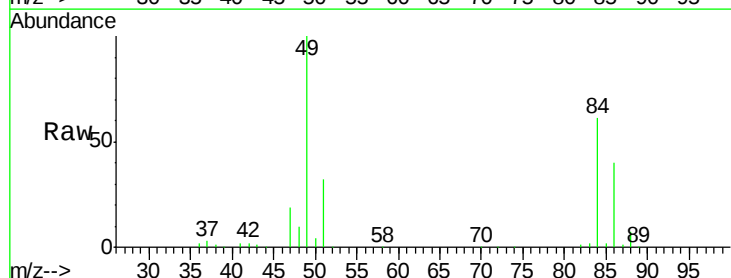
Tgt Ion: 88 Resp: 80174

Ion Ratio Lower Upper

88 100

58 0.0 70.9 106.3#

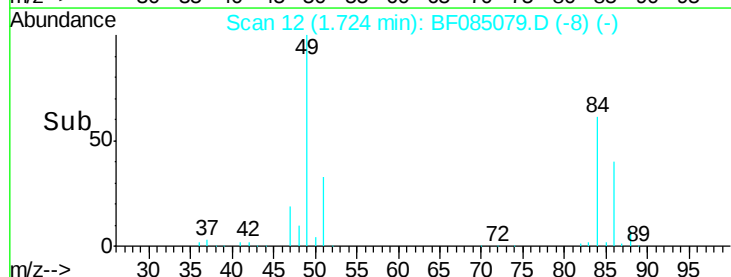
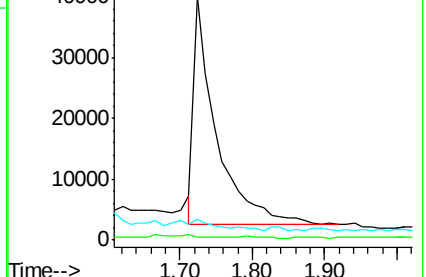
43 0.0 25.9 38.9#

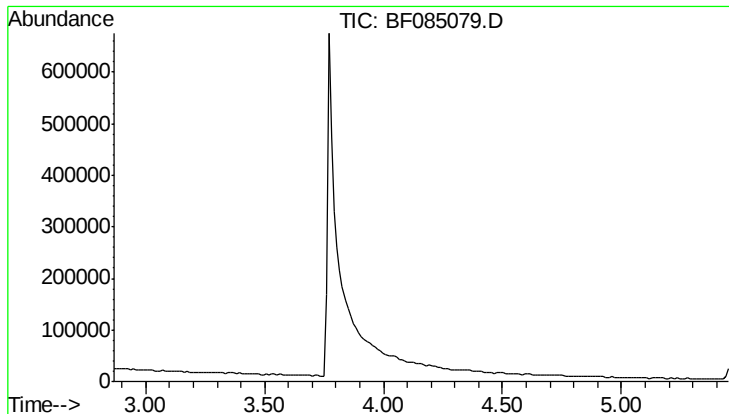


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 4.16 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516DL

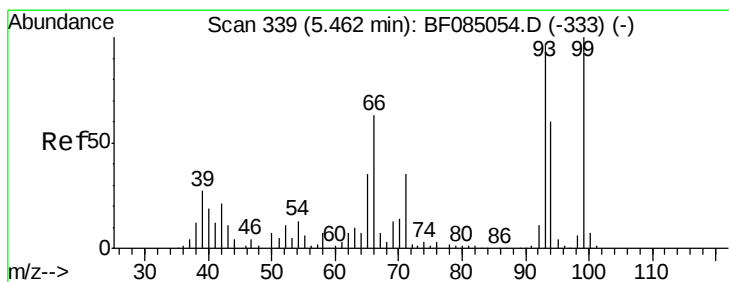
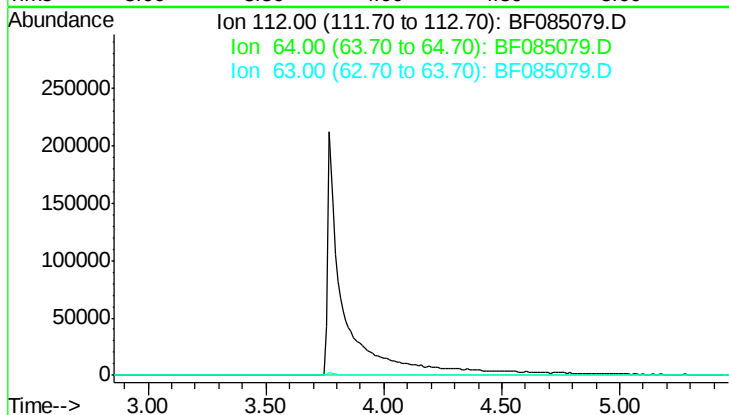
Tgt Ion: 112

Sig Exp Ratio

112 100

64 56.8

63 29.0



#6

Aniline

Concen: 11.45 ng

RT: 5.51 min Scan# 343

Delta R.T. 0.05 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

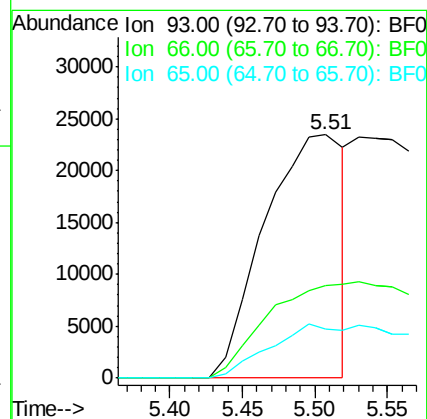
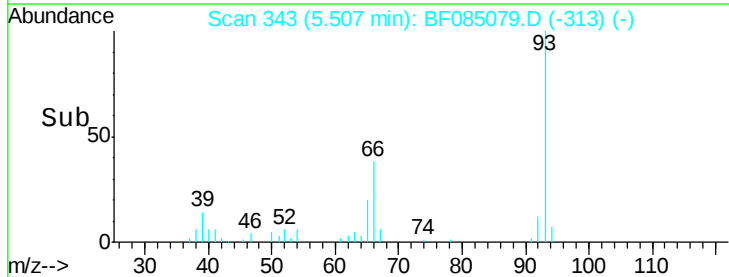
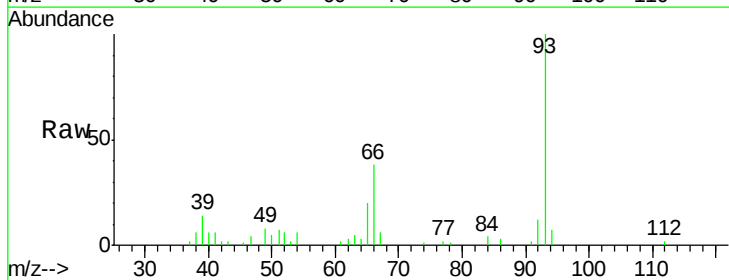
Tgt Ion: 93 Resp: 89597

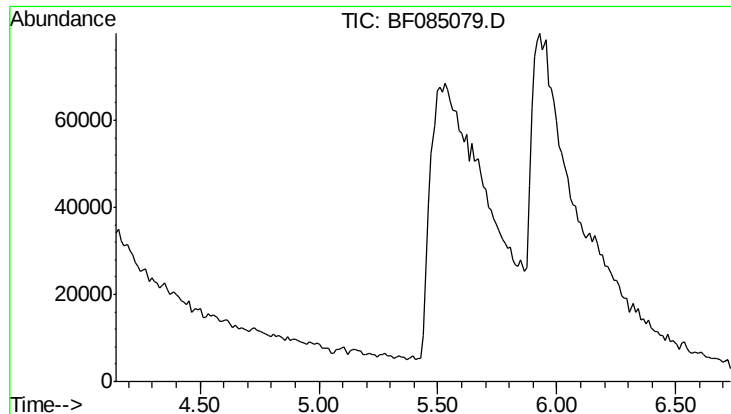
Ion Ratio Lower Upper

93 100

66 37.8 51.8 77.8#

65 20.3 28.5 42.7#





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 5.44 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516DL

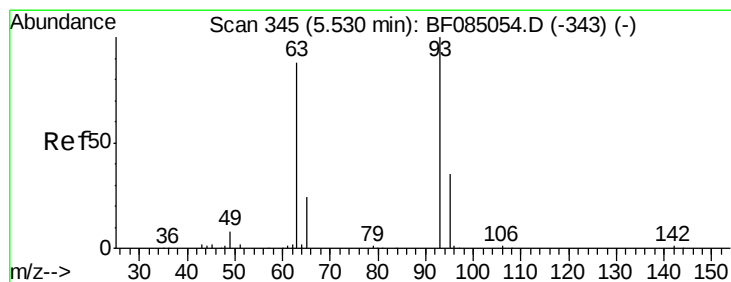
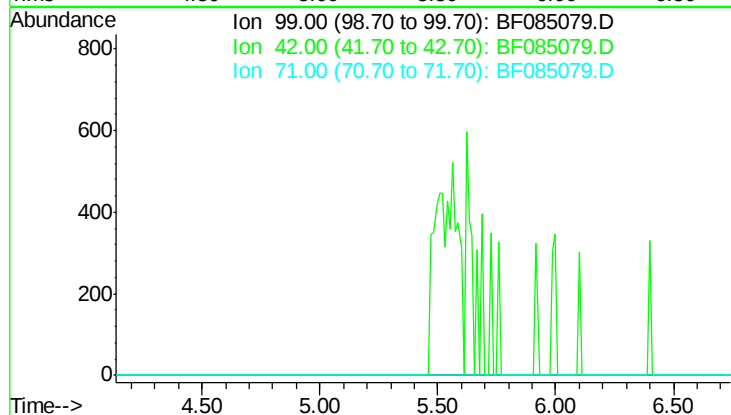
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.2

71 35.4



#11

bis(2-Chloroethyl)ether

Concen: 10.65 ng

RT: 5.51 min Scan# 343

Delta R.T. -0.02 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

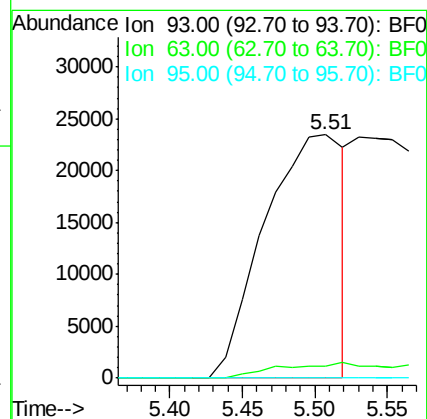
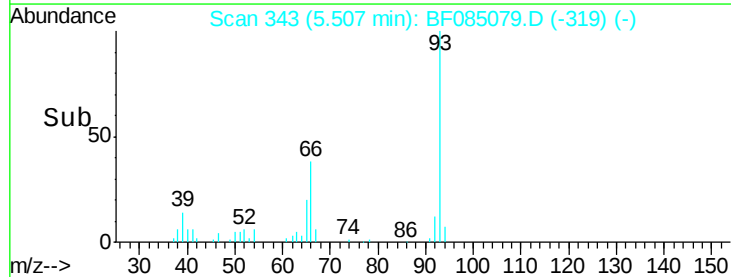
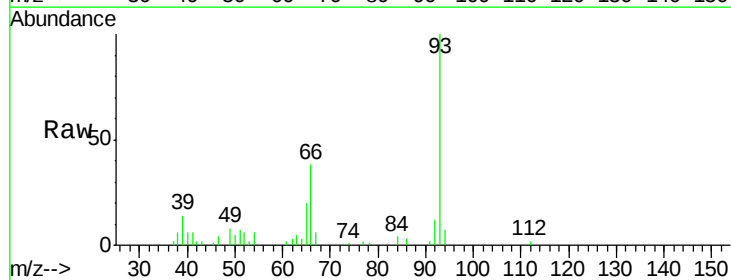
Tgt Ion: 93 Resp: 89597

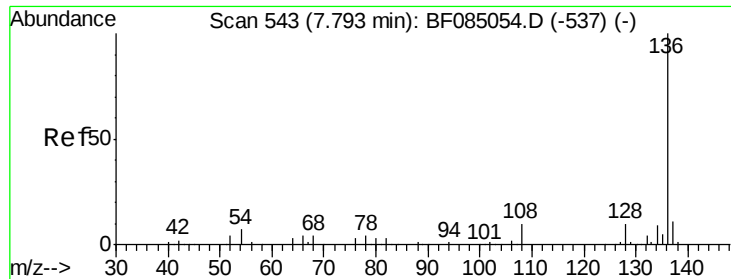
Ion Ratio Lower Upper

93 100

63 5.2 53.6 93.6#

95 0.0 10.1 50.1#

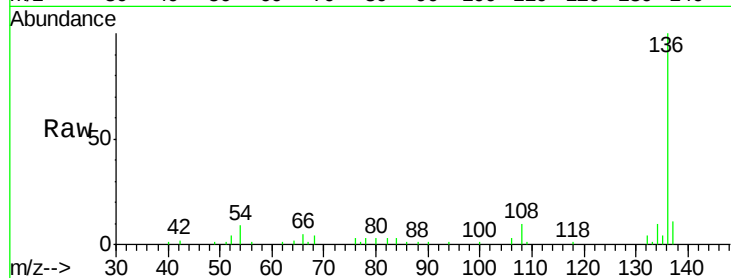




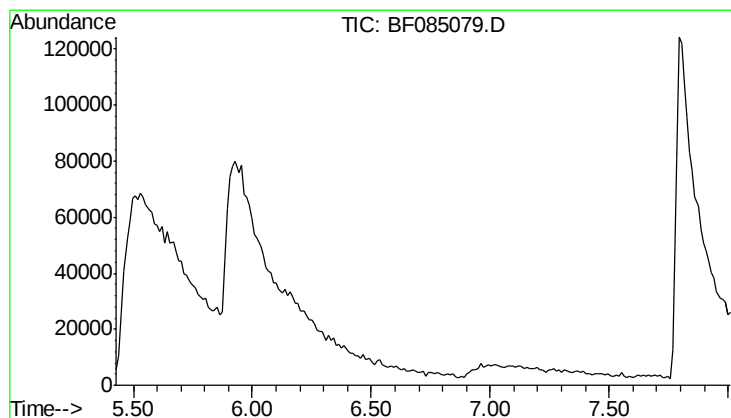
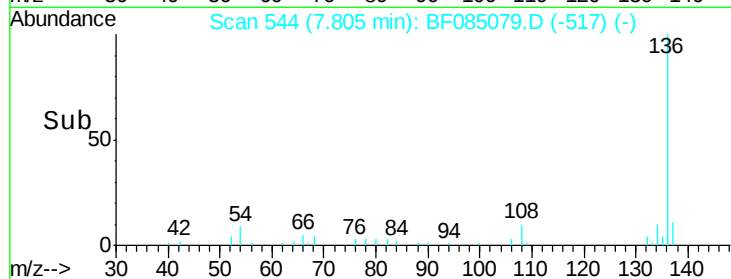
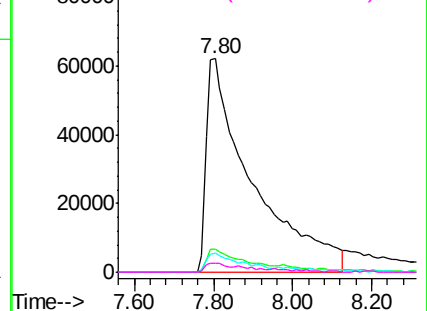
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF085079.D
Acq: 13 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516DL

Tgt Ion:	136	Resp:	498920
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	6.1	9.1
68	4.1	3.5	5.3



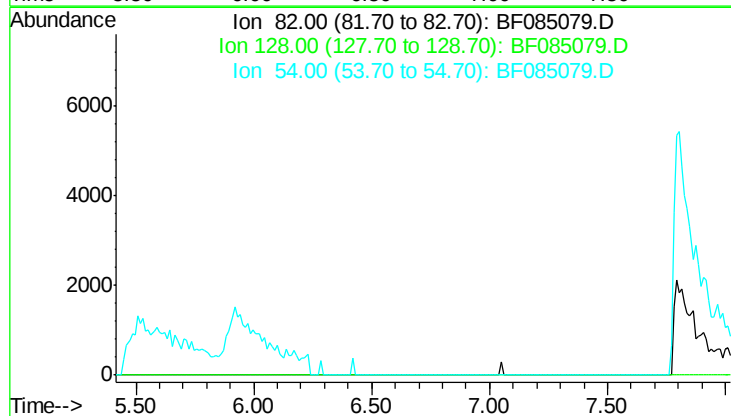
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

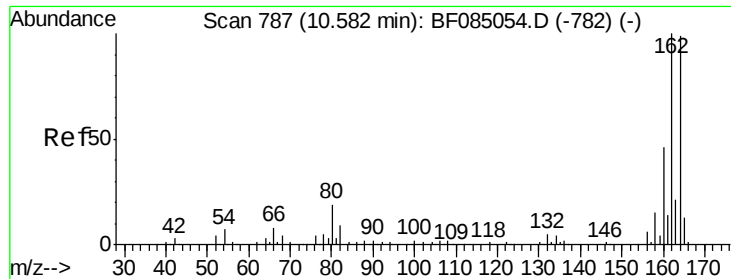


#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 6.72 min

Lab File: BF085079.D
Acq: 13 Feb 2016 12:02

Tgt Ion:	82
Sig	Exp Ratio
82	100
128	46.0
54	55.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516DL

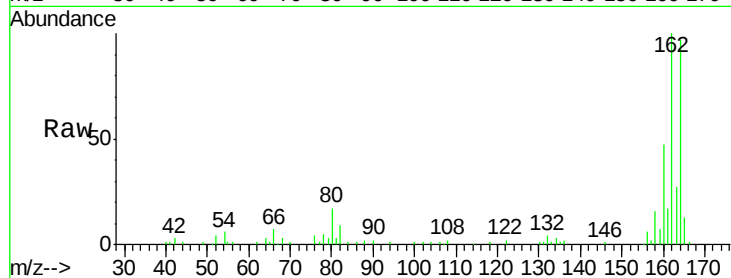
Tgt Ion:164 Resp: 249589

Ion Ratio Lower Upper

164 100

162 103.0 81.1 121.7

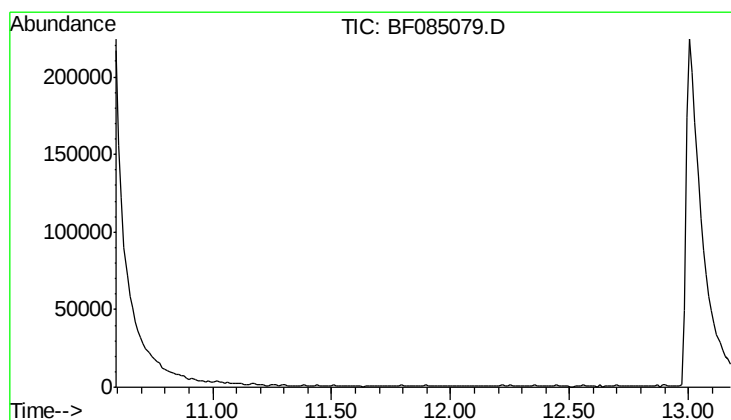
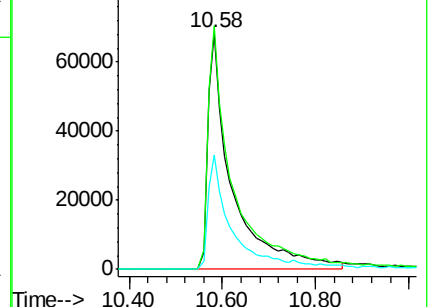
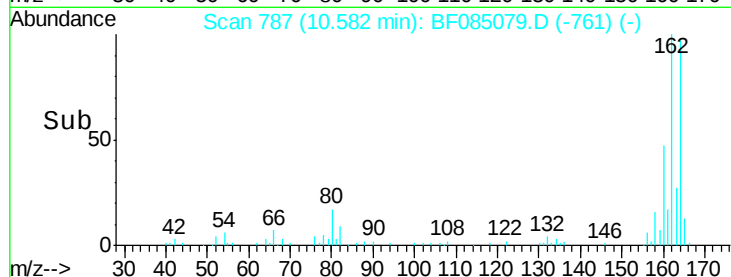
160 48.6 37.4 56.0



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: 0.00 ng

Expected RT: 11.89 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

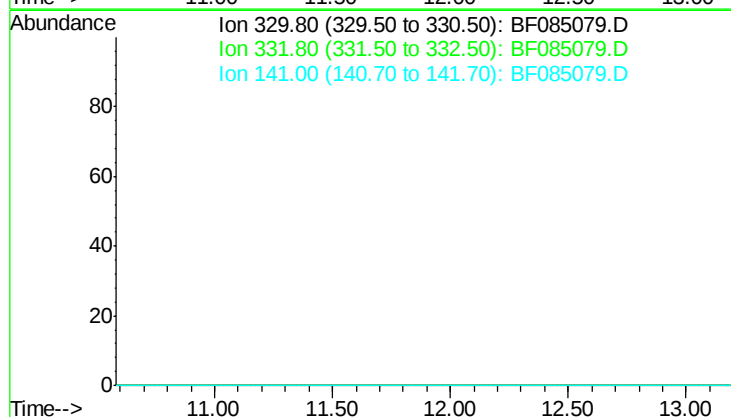
Tgt Ion: 330

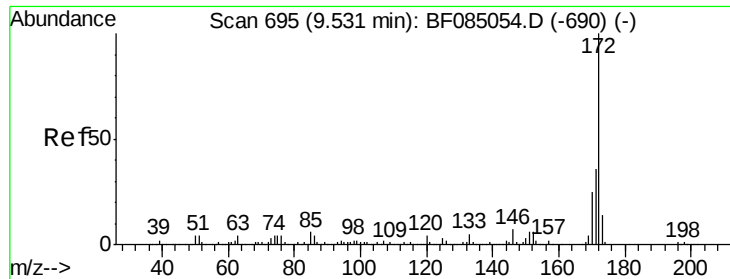
Sig Exp Ratio

330 100

332 98.1

141 35.7





#44

2-Fluorobiphenyl

Concen: 0.30 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.14 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516DL

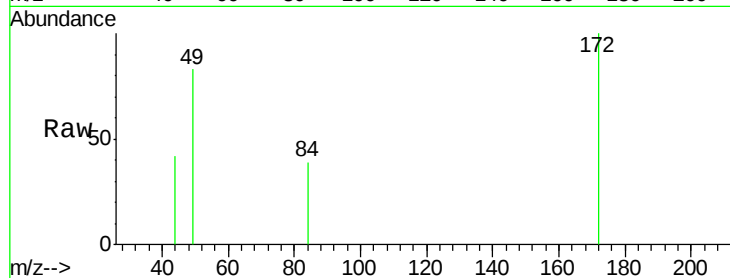
Tgt Ion:172 Resp: 5240

Ion Ratio Lower Upper

172 100

171 0.0 29.1 43.7#

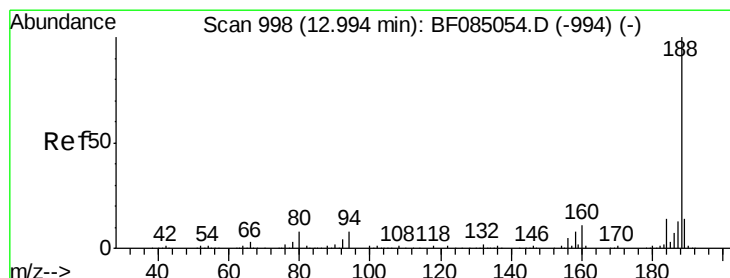
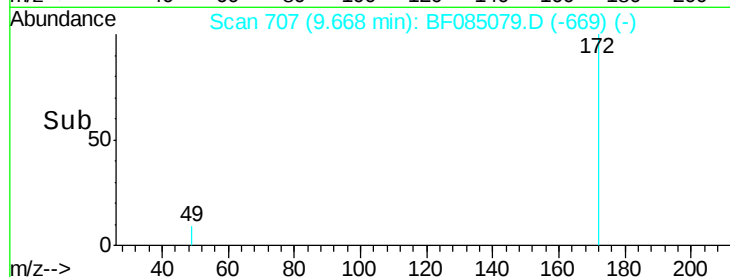
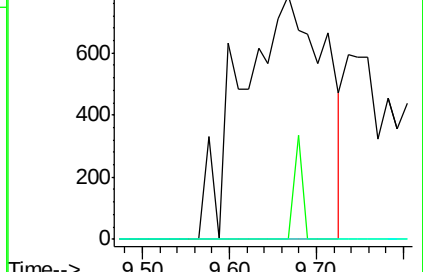
170 0.0 19.6 29.4#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.01 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

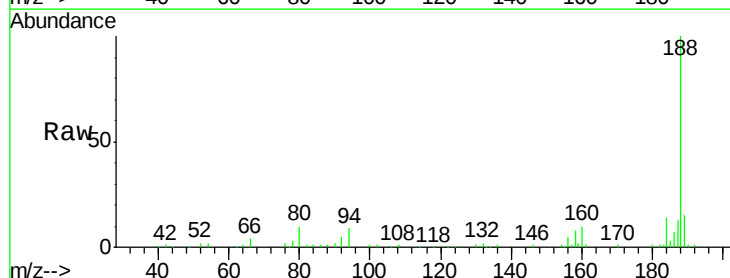
Tgt Ion:188 Resp: 461063

Ion Ratio Lower Upper

188 100

94 8.6 6.2 9.2

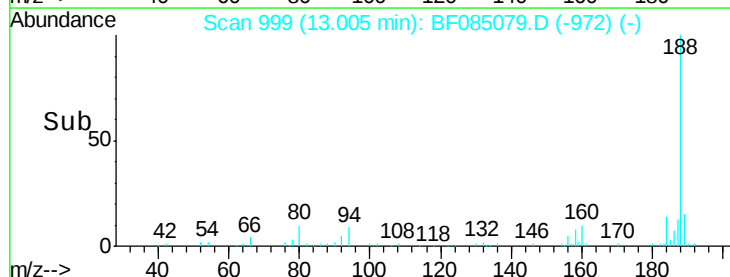
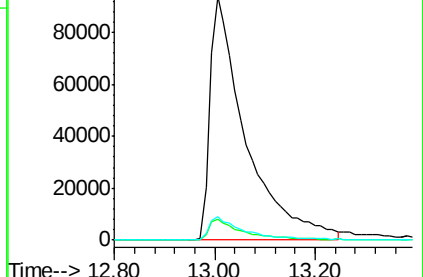
80 9.7 6.6 9.8

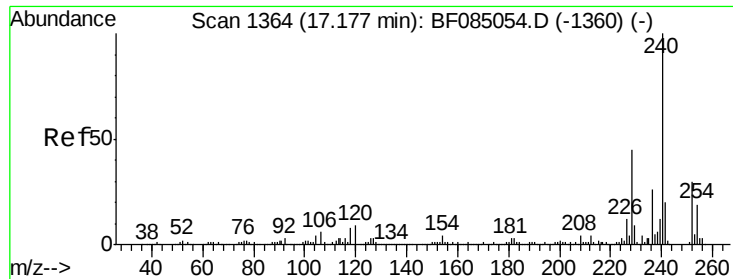


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

Instrument :

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SYS-DIS-020516DL

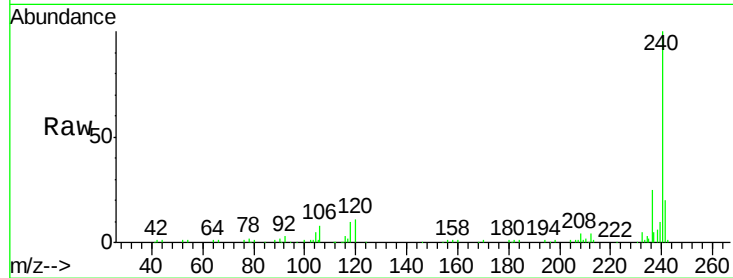
Tgt Ion:240 Resp: 297671

Ion Ratio Lower Upper

240 100

120 10.7 7.0 10.6#

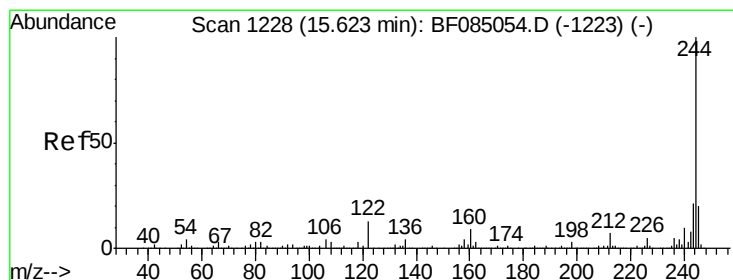
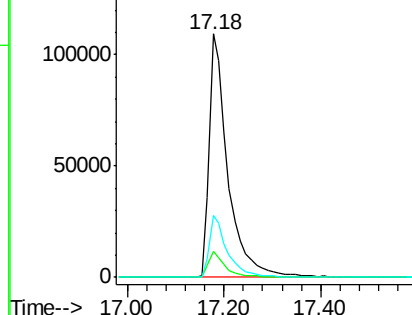
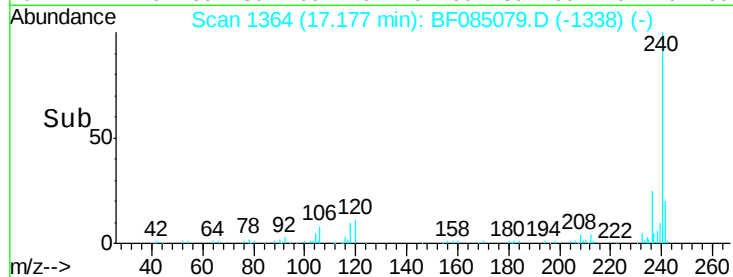
236 25.4 20.5 30.7



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: 0.35 ng

RT: 15.67 min Scan# 1232

Delta R.T. 0.05 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

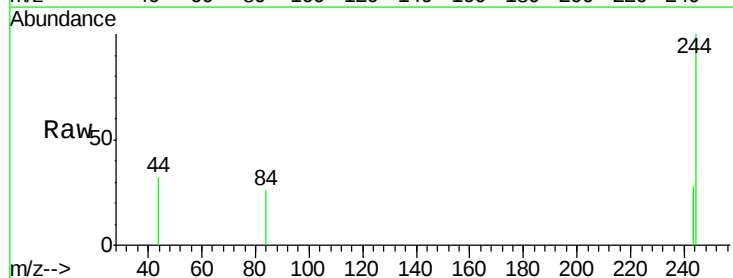
Tgt Ion:244 Resp: 5113

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

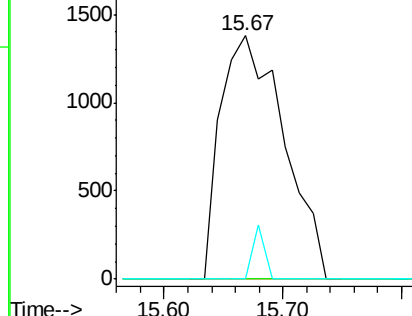
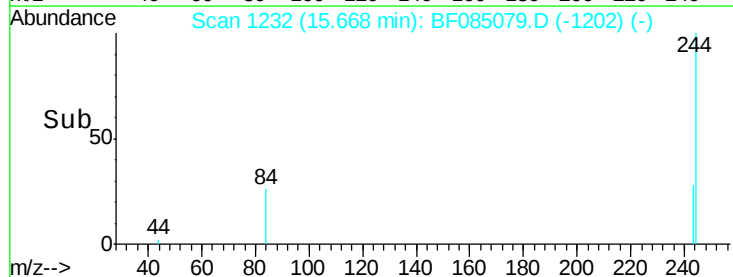
122 0.0 10.1 15.1#

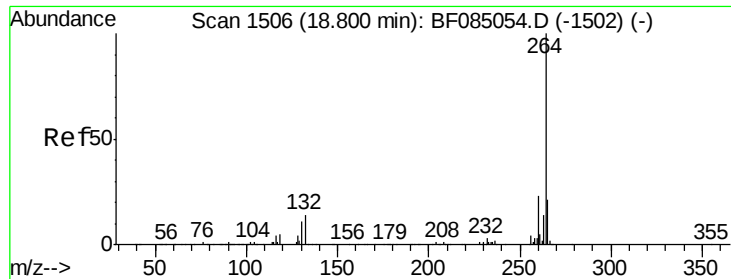


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085079.D
Acq: 13 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.4	16.7	25.1

