

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093958.D
 Acq On : 27 Mar 2017 22:46
 Operator : SJ/MA
 Sample : I2409-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12

Quant Time: Mar 28 00:29:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

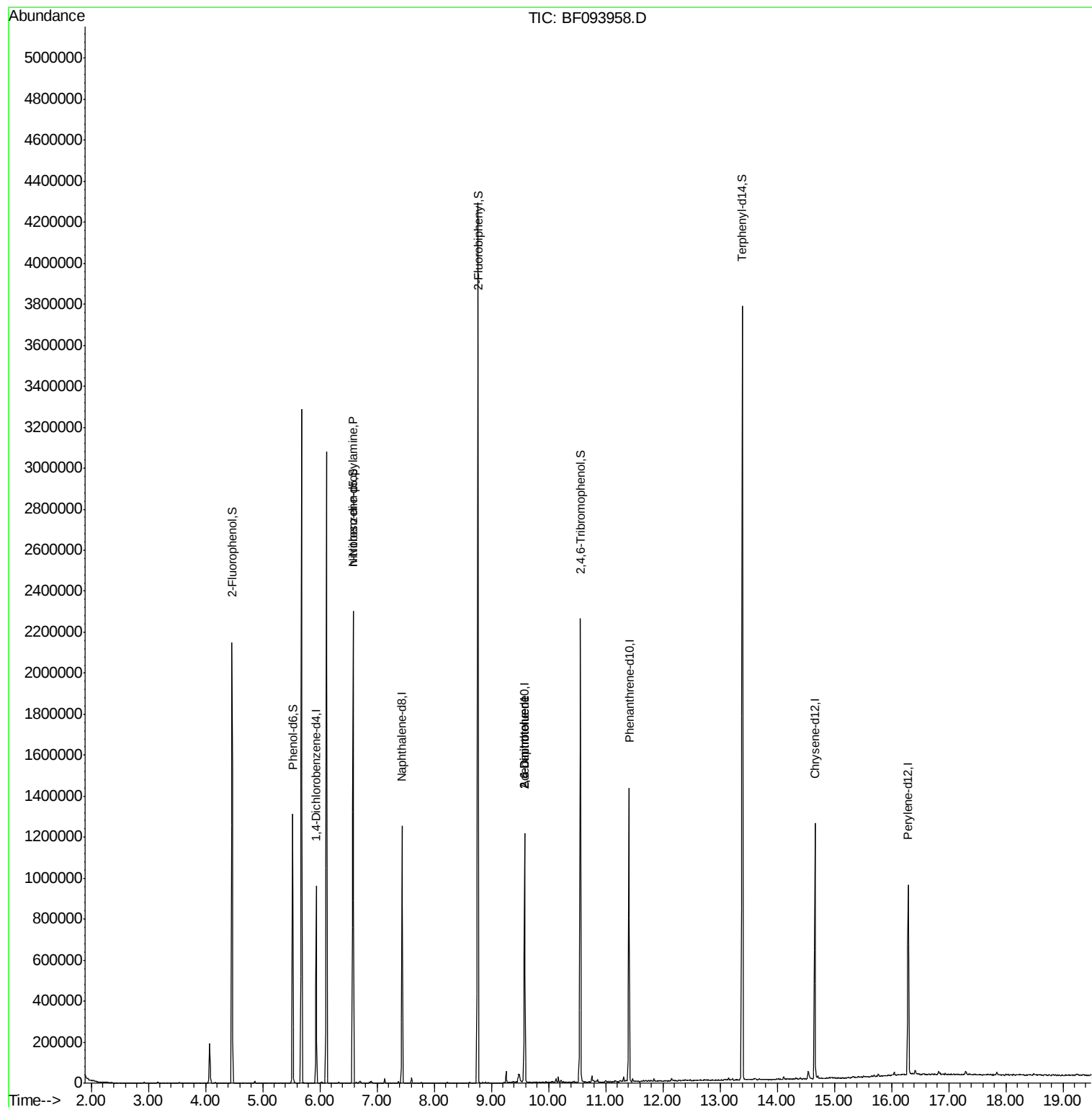
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	157671	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	631520	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	296687	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	555275	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	486598	20.00	ng	-0.02
86) Perylene-d12	16.29	264	381140	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	601929	64.48	ng	-0.01
7) Phenol-d6	5.53	99	487383	42.20	ng	-0.02
23) Nitrobenzene-d5	6.59	82	944638	85.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	346841	147.94	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1733862	89.14	ng	-0.01
78) Terphenyl-d14	13.39	244	1625164	74.86	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	124675	16.80	ng	# 78
50) 2,6-Dinitrotoluene	9.58	165	37352	7.73	ng	# 34
56) 2,4-Dinitrotoluene	9.58	165	37353	6.15	ng	# 33

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

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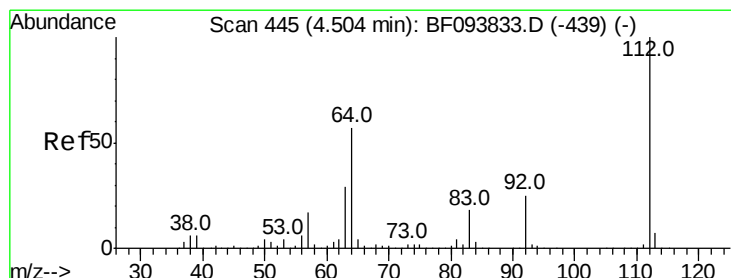
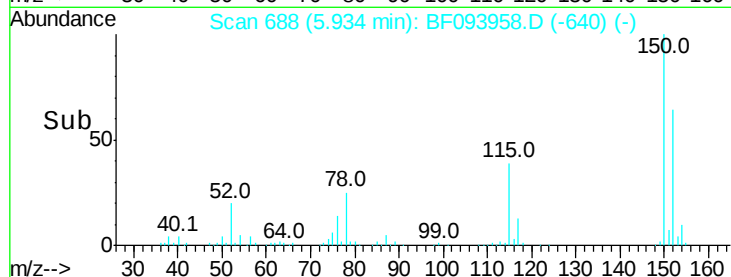
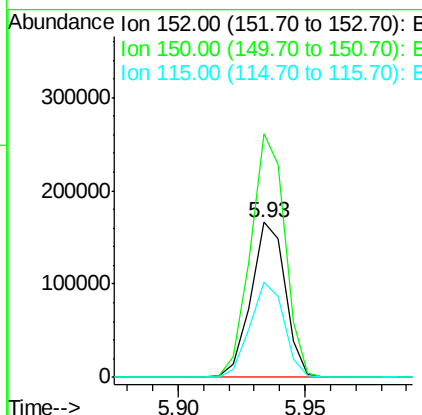
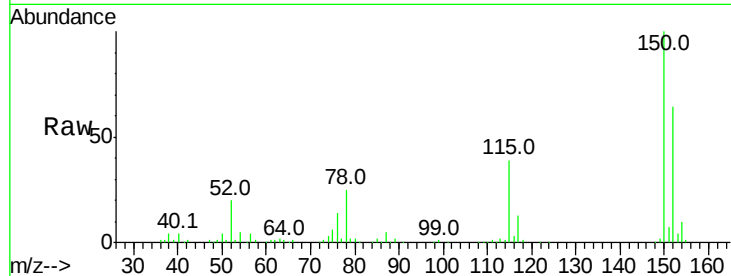


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF093958.D
Acq: 27 Mar 2017 22:46

Instrument :
BNA_F
ClientSampleId :
LIP-12

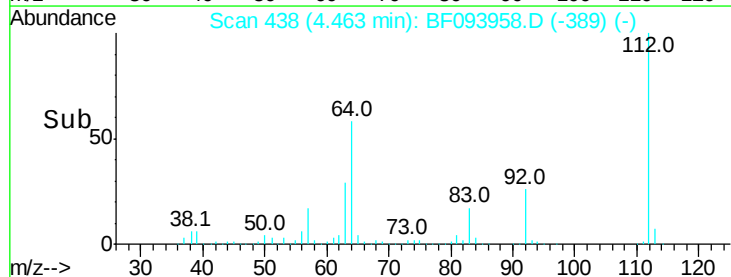
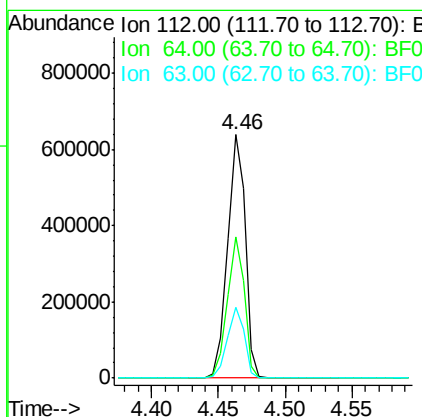
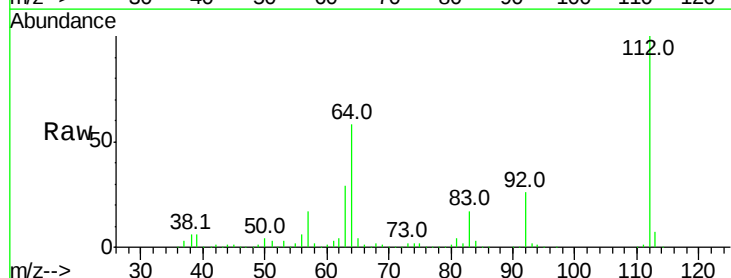
Tot Ion:152 Resp: 157671
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.9 52.2 78.2



#5

2-Fluorophenol
Concen: 64.48 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093958.D
Acq: 27 Mar 2017 22:46

Tgt Ion:112 Resp: 601929
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 29.1 23.4 35.0





#7

Phenol-d6

Concen: 42.20 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

Instrument :

BNA_F

ClientSampleId :

LIP-12

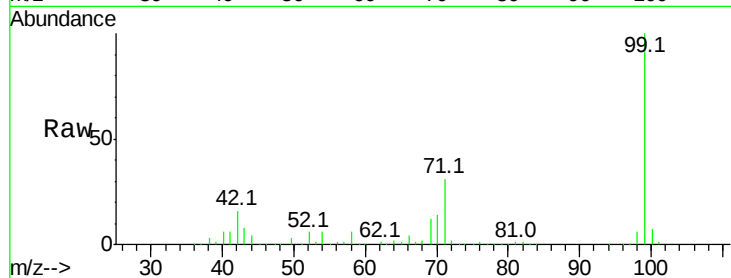
Tot Ion: 99 Resp: 487383

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

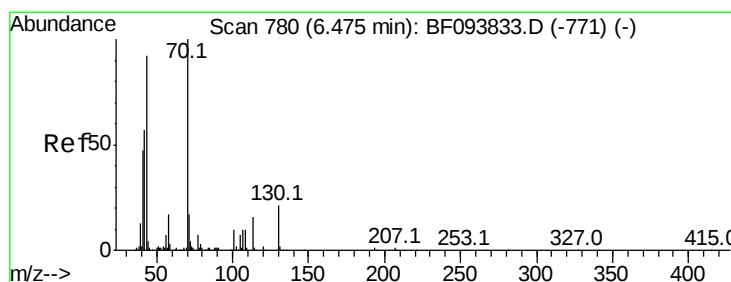
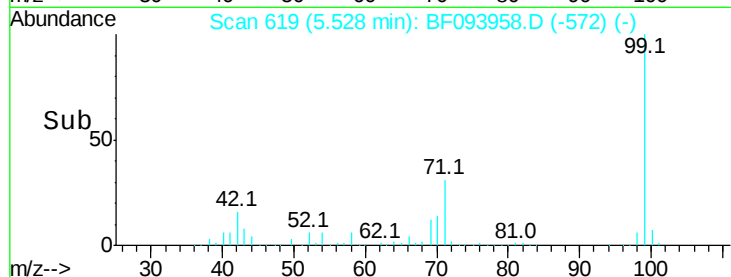
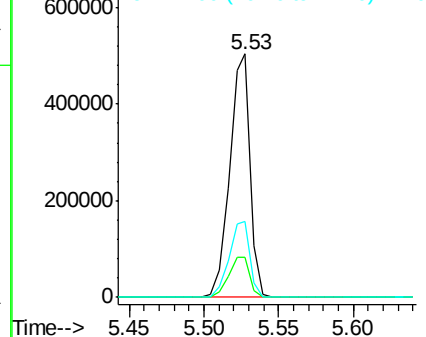
71 31.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.80 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

Tgt Ion: 70 Resp: 124675

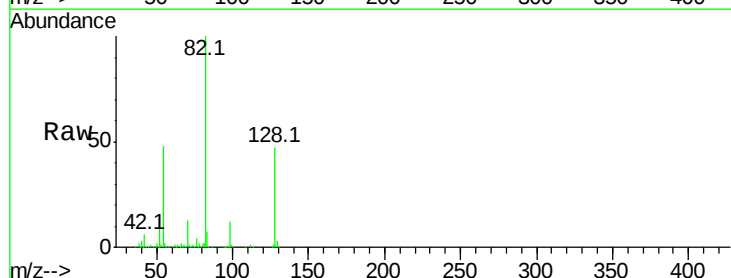
Ion Ratio Lower Upper

70 100

42 46.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

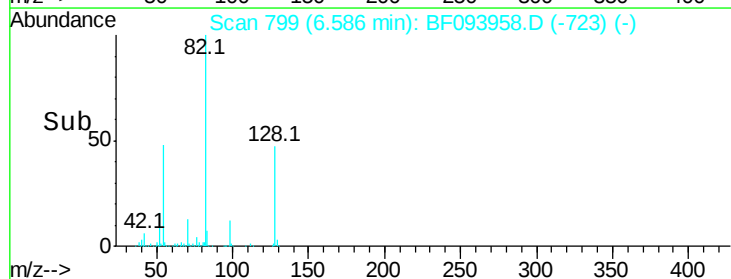
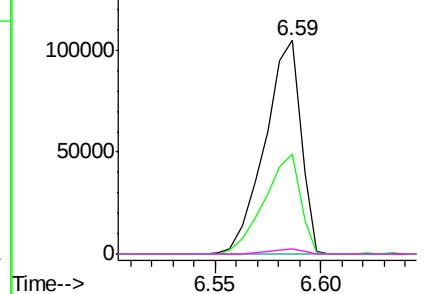


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

Instrument :

BNA_F

ClientSampleId :

LIP-12

Tot Ion:136 Resp: 631520

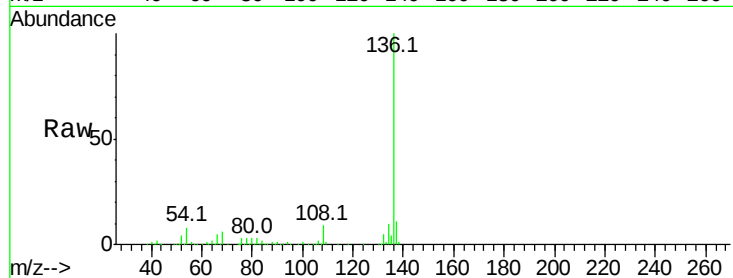
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.0 4.1 6.1

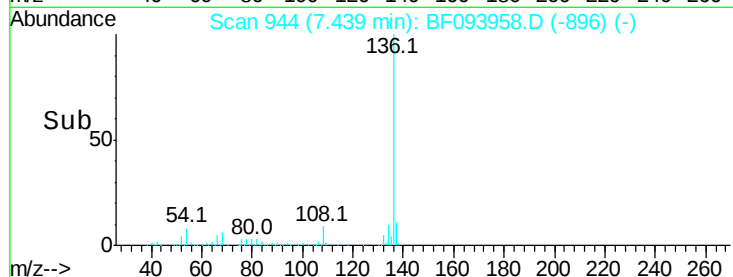


Abundance Ion 136.00 (135.70 to 136.70): E

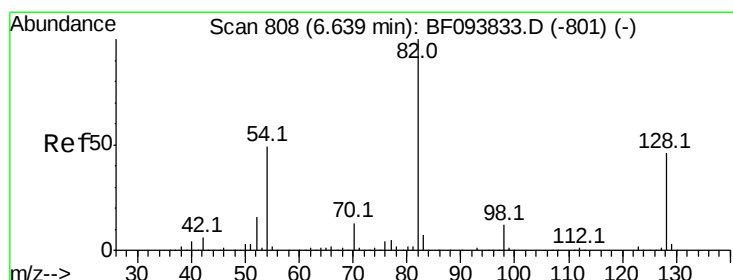
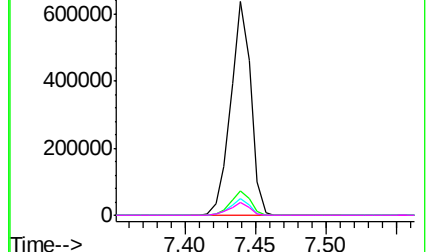
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 85.36 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

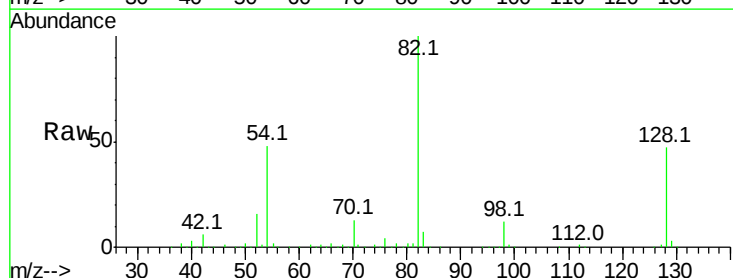
Tgt Ion: 82 Resp: 944638

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

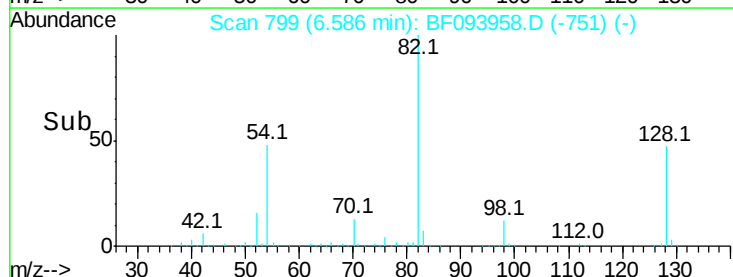
54 48.4 42.2 63.2



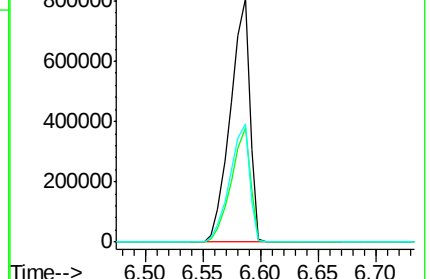
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

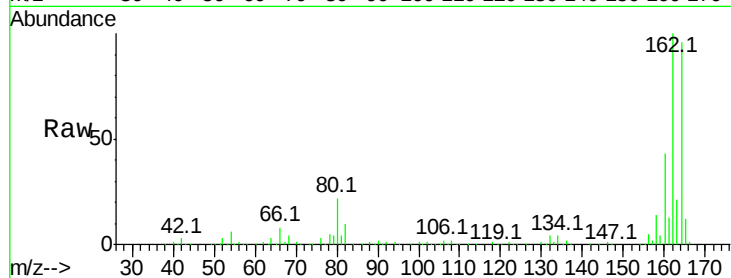




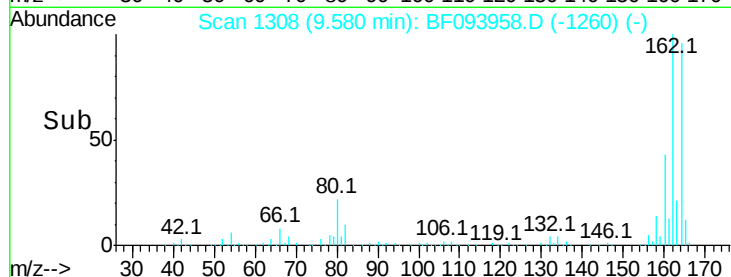
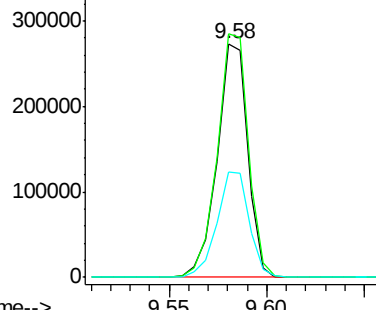
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF093958.D
Acq: 27 Mar 2017 22:46

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tot Ion:164 Resp: 296687
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 44.9 36.2 54.2

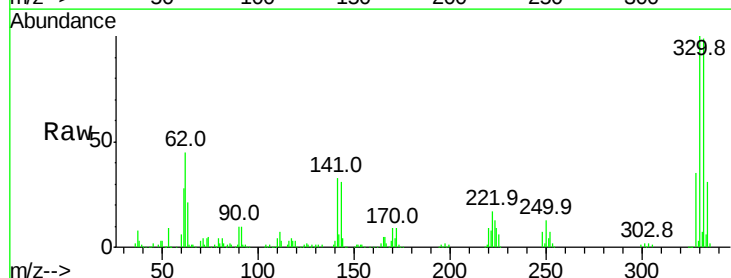


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

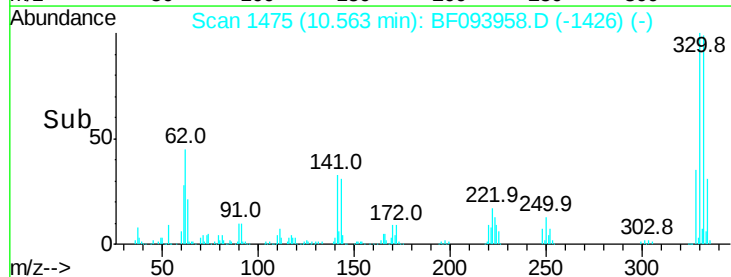
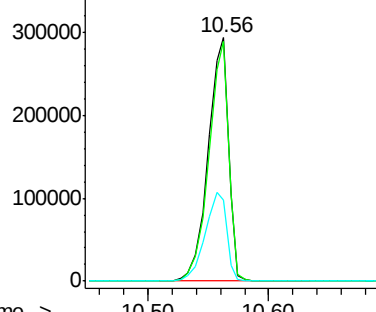


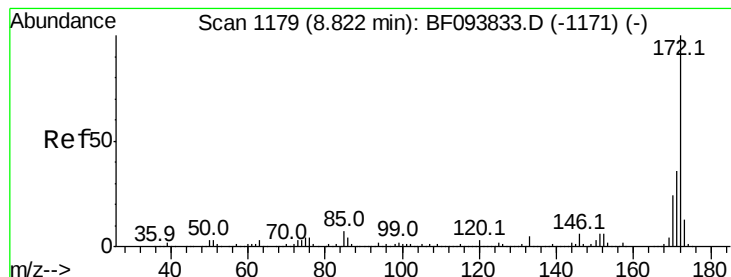
#41
2,4,6-Tribromophenol
Concen: 147.94 ng
RT: 10.56 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF093958.D
Acq: 27 Mar 2017 22:46

Tgt Ion:330 Resp: 346841
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 38.4 31.4 47.2



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: 89.14 ng

RT: 8.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

Instrument :

BNA_F

ClientSampleId :

LIP-12

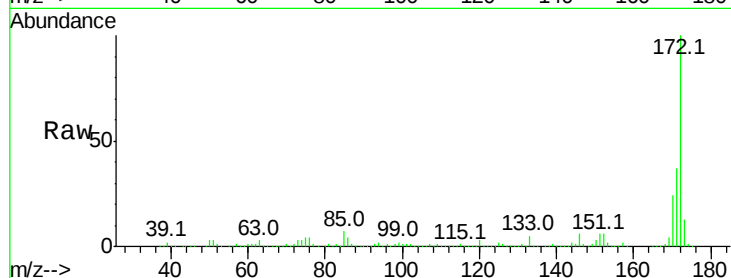
Tot Ion:172 Resp: 1733862

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

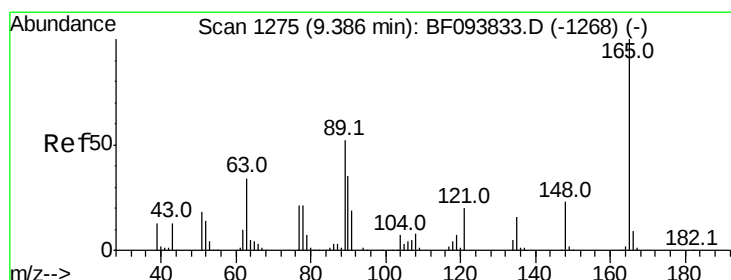
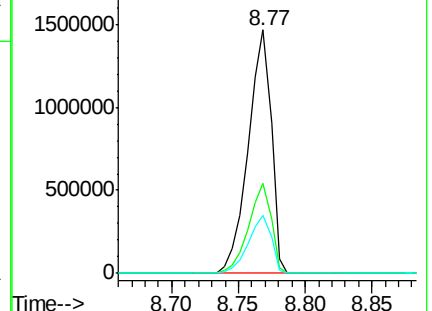
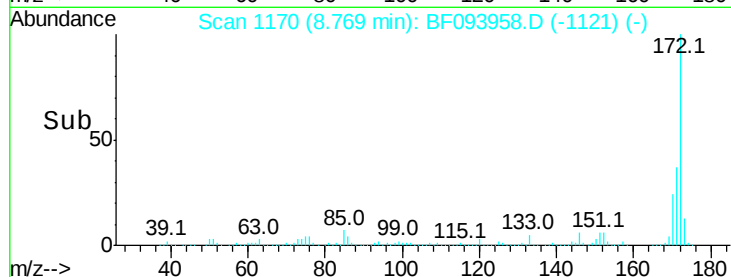
170 24.1 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 7.73 ng

RT: 9.58 min Scan# 1308

Delta R.T. 0.23 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

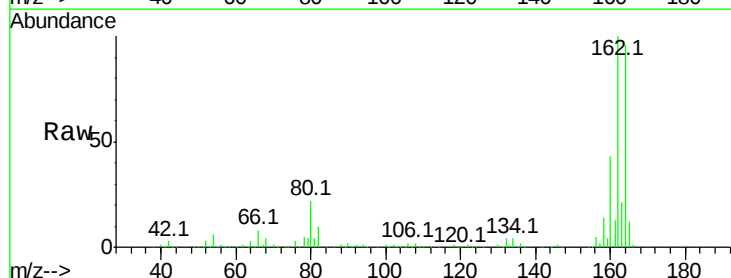
Tgt Ion:165 Resp: 37352

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

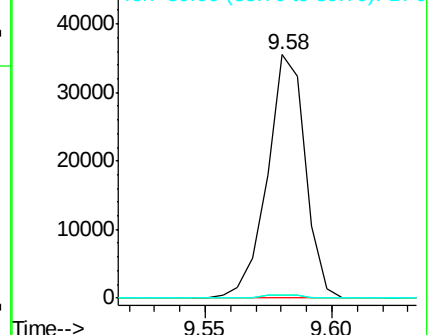
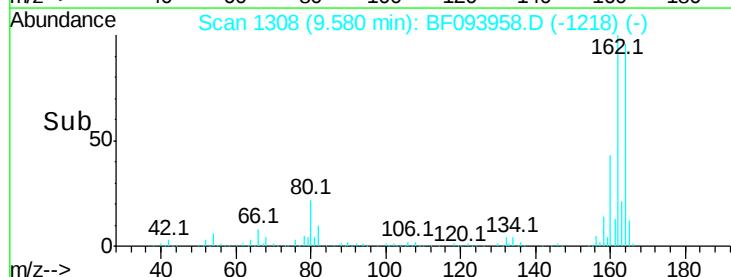
89 1.5 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

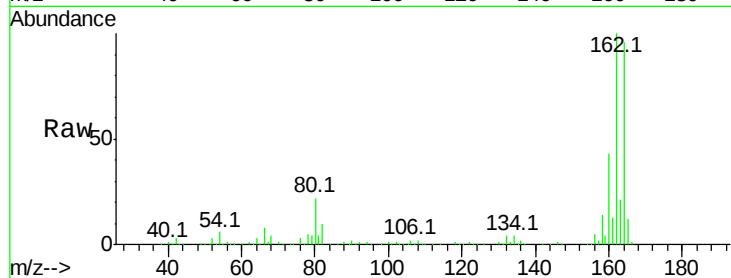




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.26 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

Instrument :
 BNA_F
 ClientSampled :
 LIP-12

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

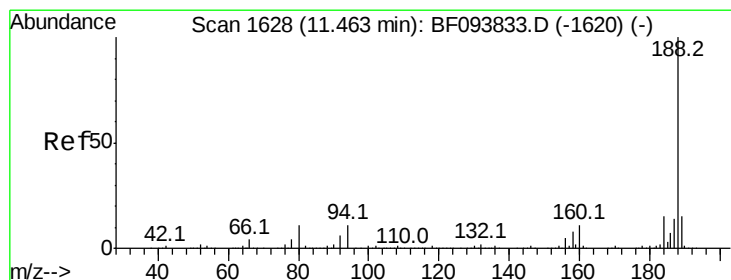
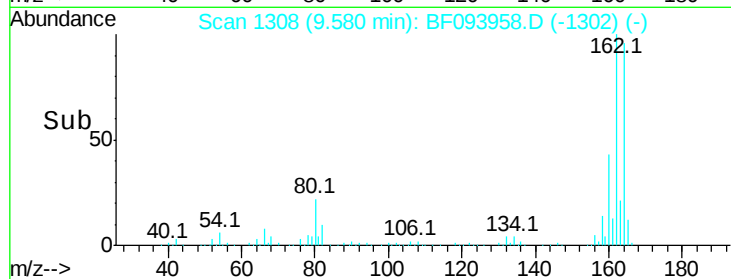
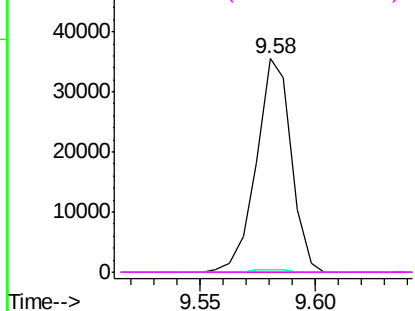


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



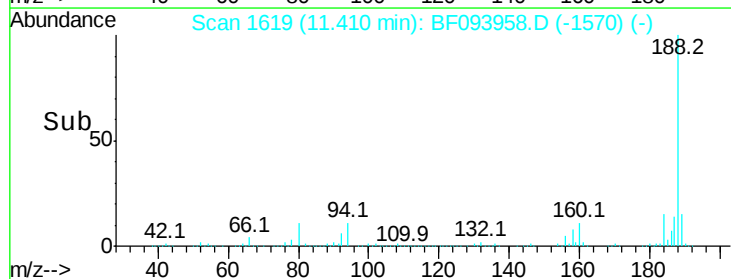
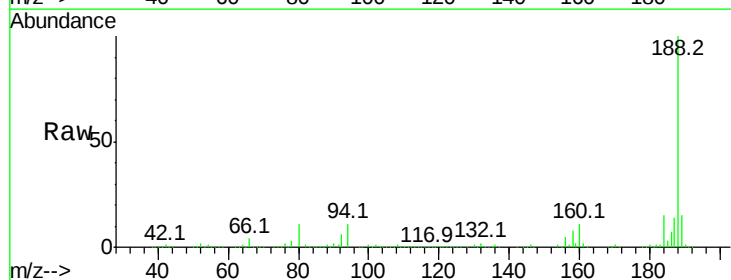
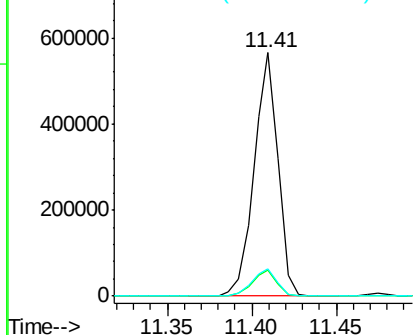
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093958.D
 Acq: 27 Mar 2017 22:46

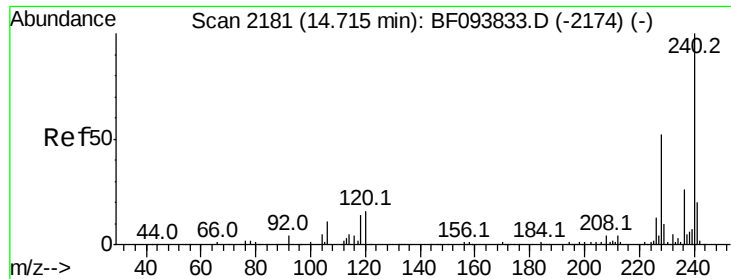
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.2	10.2	15.2

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: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

Instrument :

BNA_F

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LIP-12

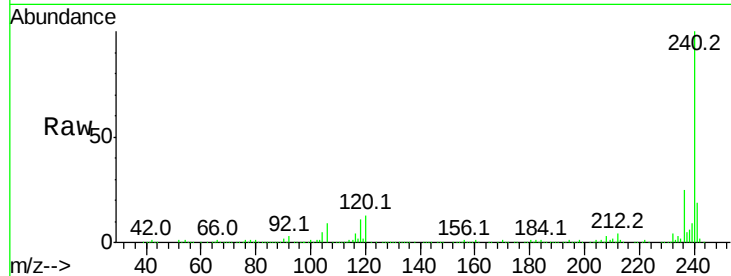
Tot Ion:240 Resp: 486598

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

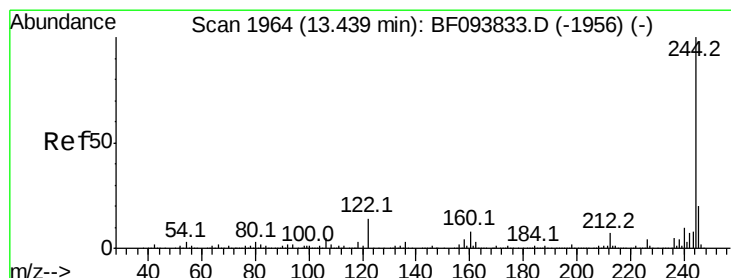
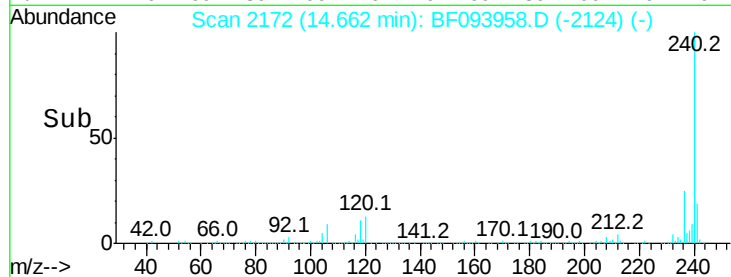
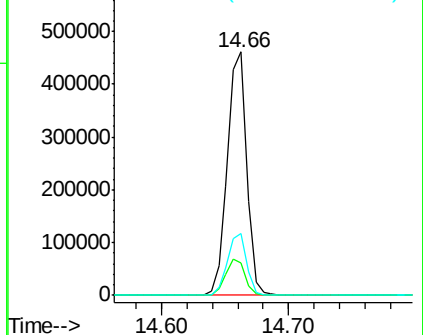
236 25.4 20.5 30.7



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: 74.86 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093958.D

Acq: 27 Mar 2017 22:46

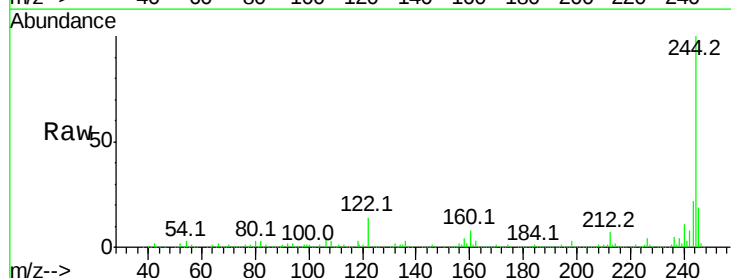
Tgt Ion:244 Resp: 1625164

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

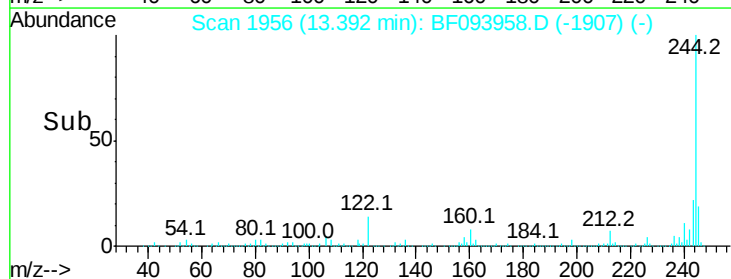
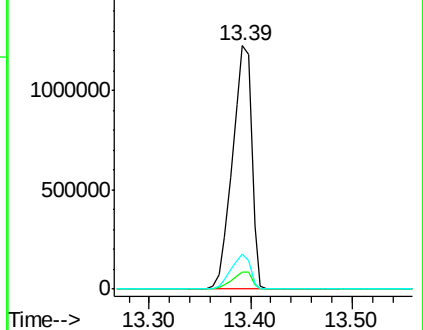
122 14.3 10.3 15.5

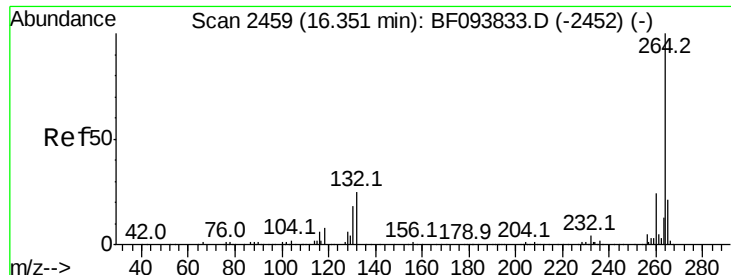


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

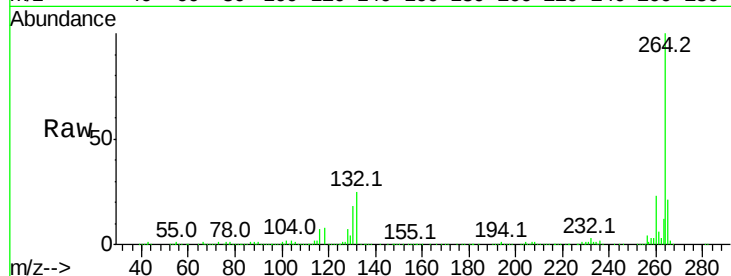




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093958.D
Acq: 27 Mar 2017 22:46

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tot Ion:264 Resp: 381140
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

