

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087775.D
 Acq On : 7 Jun 2016 4:58
 Operator : UM/SJ
 Sample : H3345-01DL 50X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Quant Time: Jun 07 07:02:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

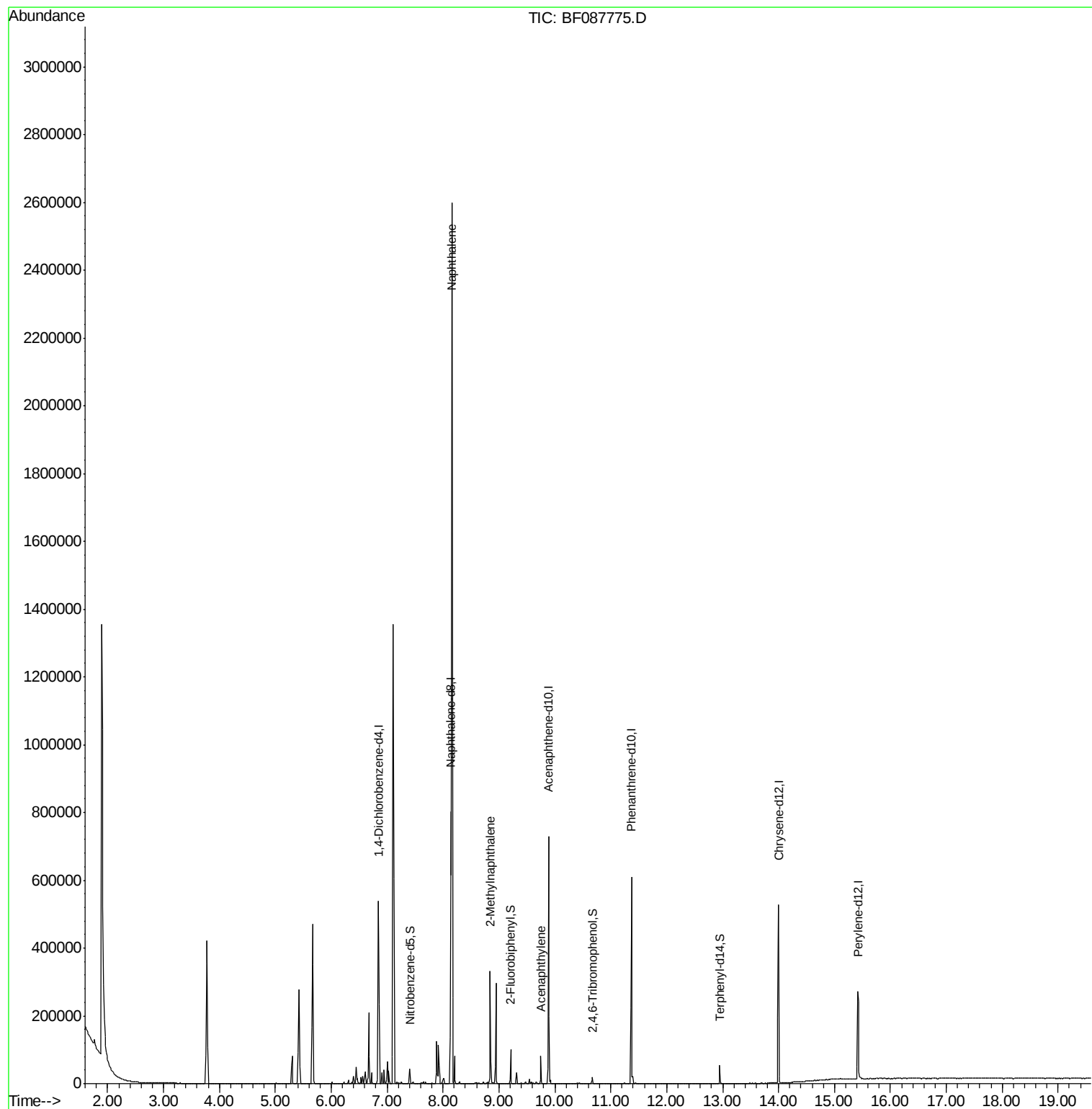
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	93704	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	364350	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	144066	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	245011	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	189771	20.00	ng	-0.02
86) Perylene-d12	15.43	264	142084	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	7651	1.32	ng	-0.01
7) Phenol-d6	6.47	99	6107	0.84	ng	-0.02
23) Nitrobenzene-d5	7.40	82	13311	2.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	3670	2.54	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	32215	2.90	ng	-0.02
78) Terphenyl-d14	12.95	244	18787	2.42	ng	-0.02
Target Compounds						
31) Naphthalene	8.16	128	1142620	64.50	ng	Qvalue 100
37) 2-Methylnaphthalene	8.84	142	89863	7.68	ng	97
48) Acenaphthylene	9.75	152	32890	2.27	ng	99

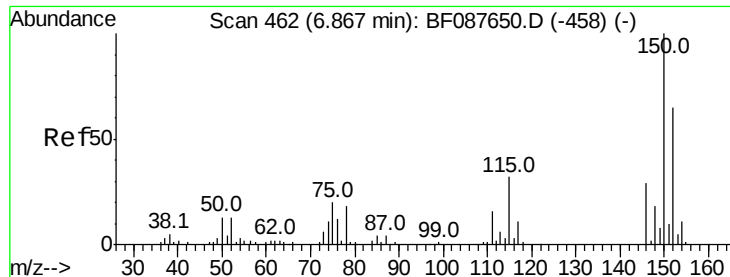
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087775.D
Acq On : 7 Jun 2016 4:58
Operator : UM/SJ
Sample : H3345-01DL 50X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16DL

Quant Time: Jun 07 07:02:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

Instrument :

BNA_F

ClientSampleId :

MW-16DL

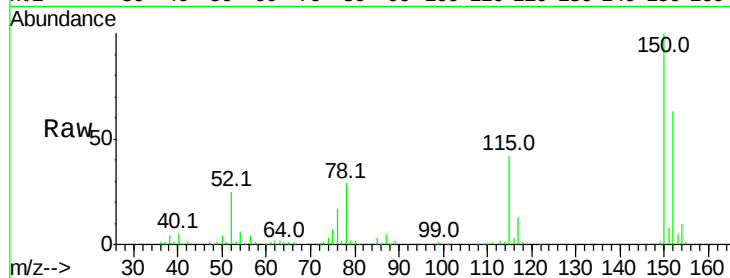
Tot Ion:152 Resp: 93704

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

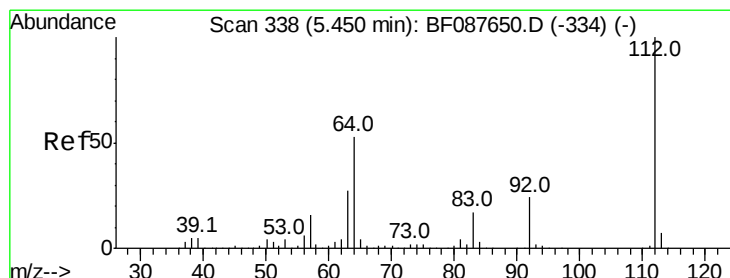
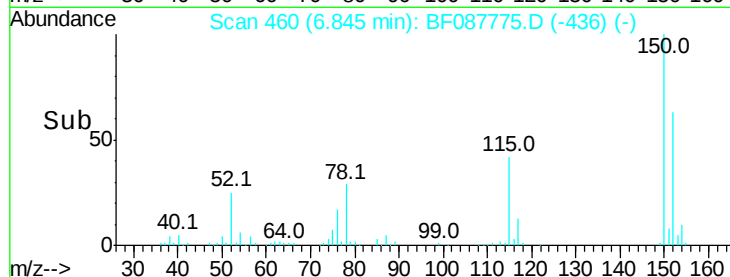
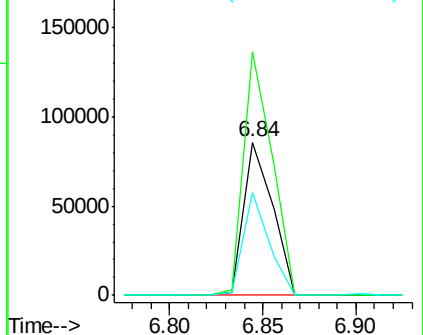
115 67.4 39.6 59.4#



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: 1.32 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

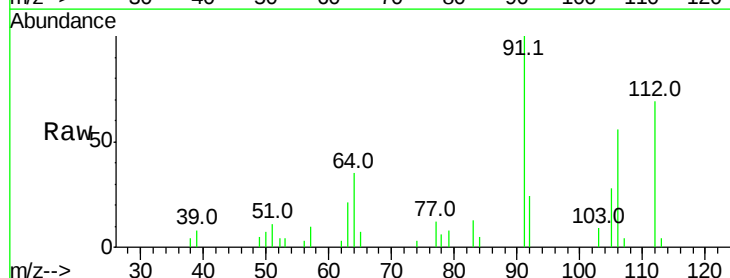
Tgt Ion:112 Resp: 7651

Ion Ratio Lower Upper

112 100

64 50.7 42.2 63.2

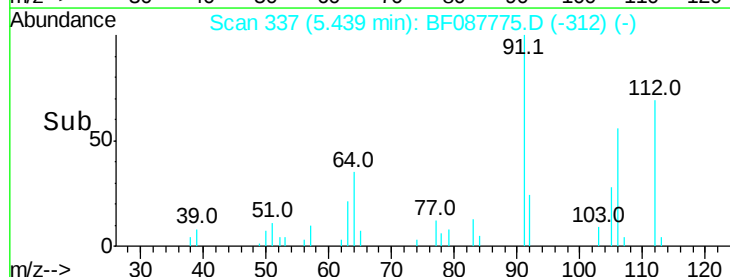
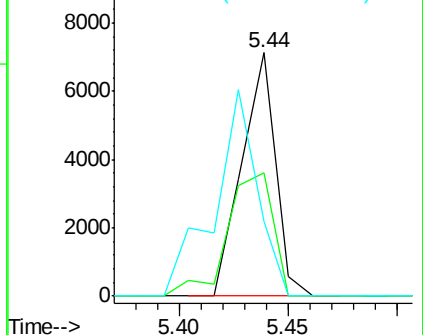
63 30.8 21.8 32.8

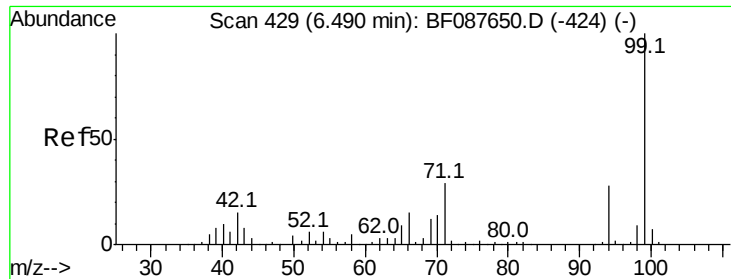


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.84 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

Instrument :

BNA_F

ClientSampled :

MW-16DL

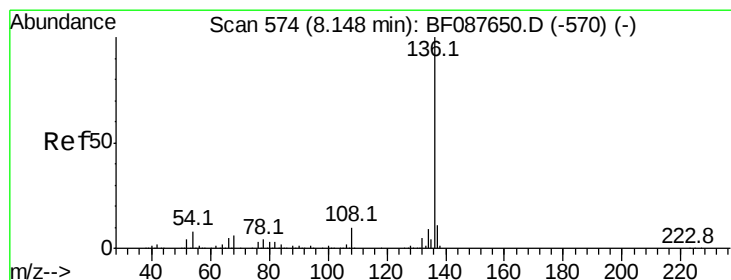
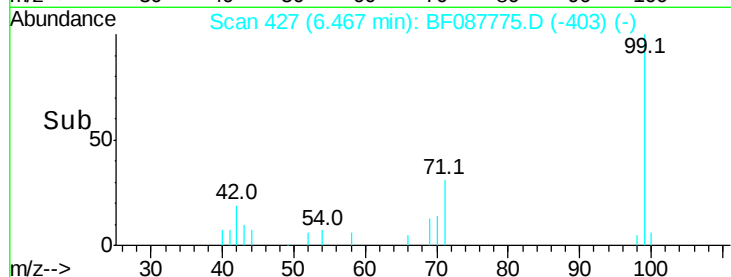
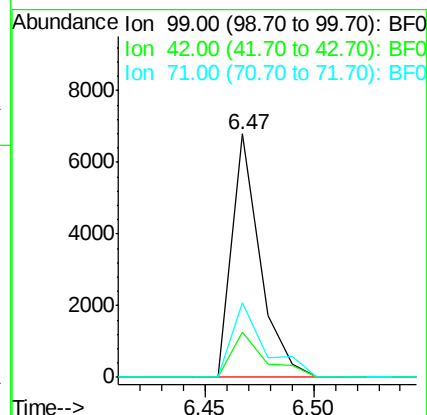
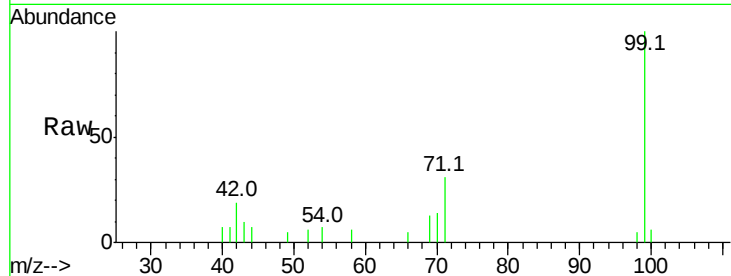
Tot Ion: 99 Resp: 6107

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 30.6 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

Tgt Ion: 136 Resp: 364350

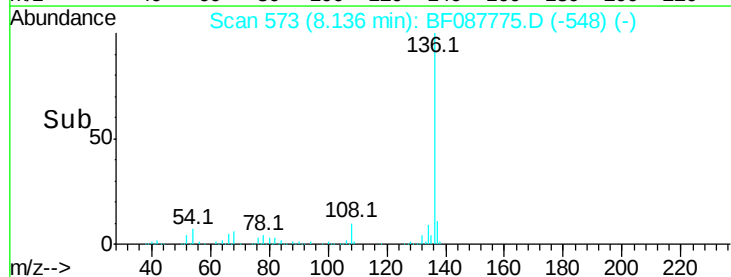
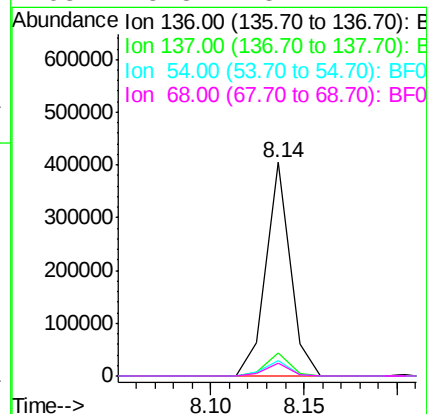
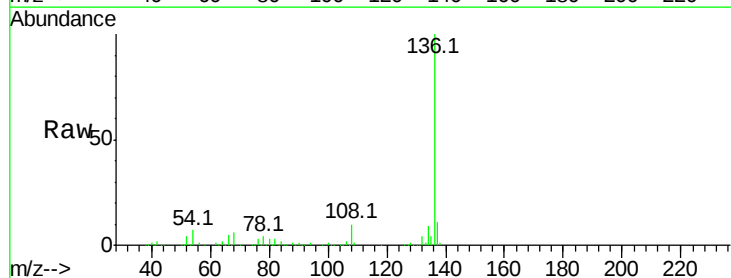
Ion Ratio Lower Upper

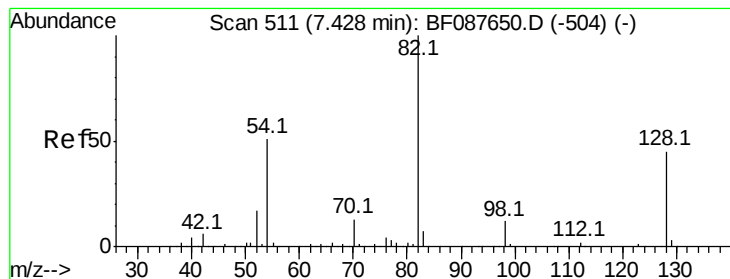
136 100

137 11.1 9.1 13.7

54 7.4 6.6 10.0

68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 2.11 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

Instrument :

BNA_F

ClientSampleId :

MW-16DL

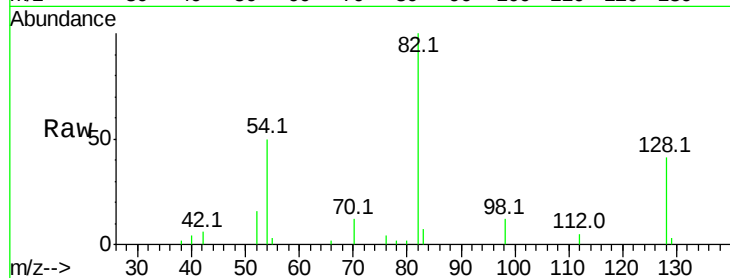
Tot Ion: 82 Resp: 13311

Ion Ratio Lower Upper

82 100

128 40.9 35.9 53.9

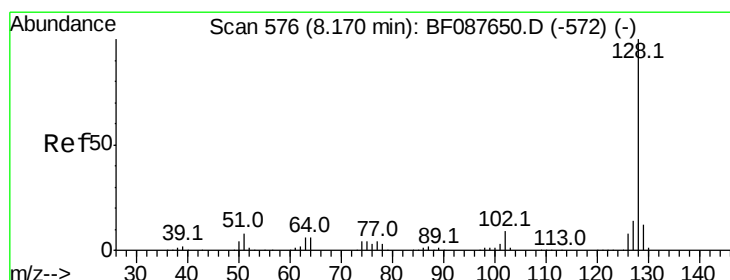
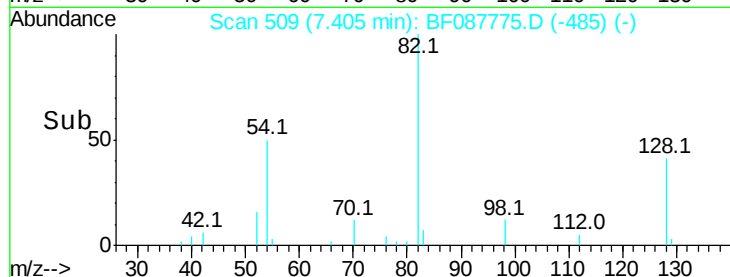
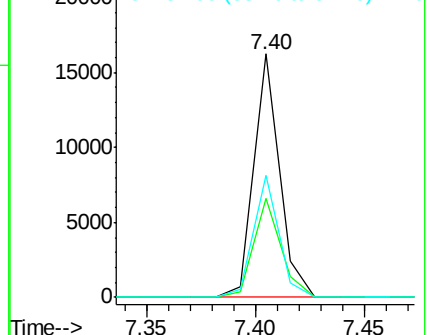
54 50.0 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 64.50 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

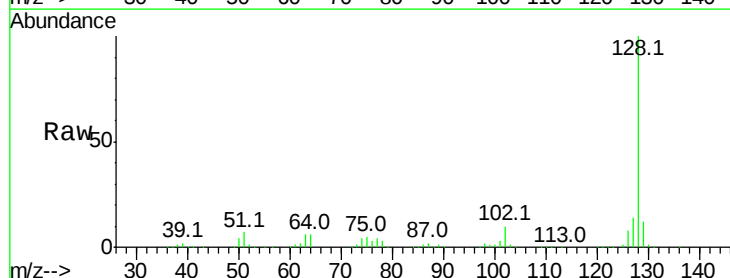
Tgt Ion:128 Resp: 1142620

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

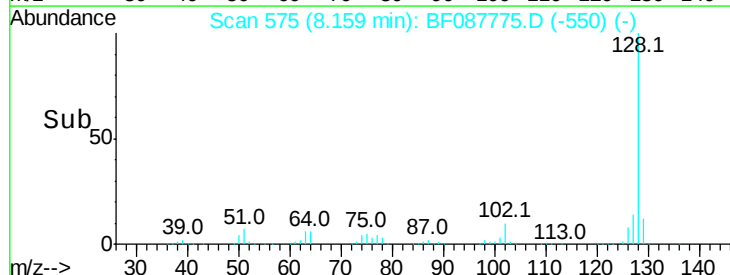
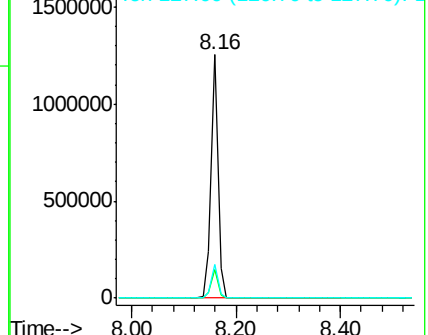
127 13.9 10.9 16.3

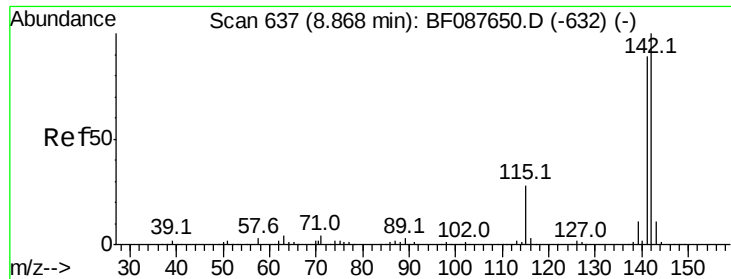


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

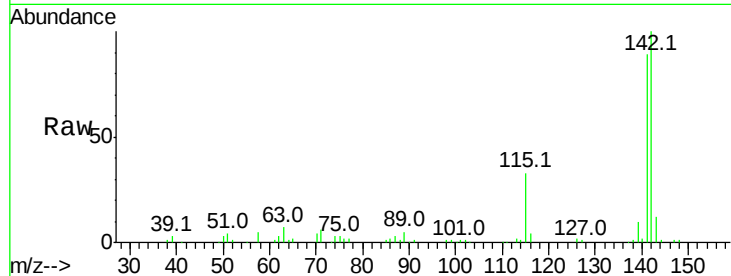




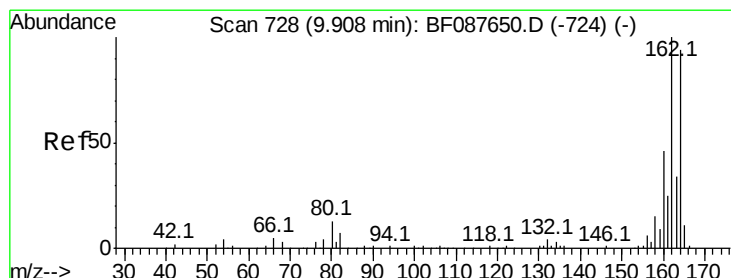
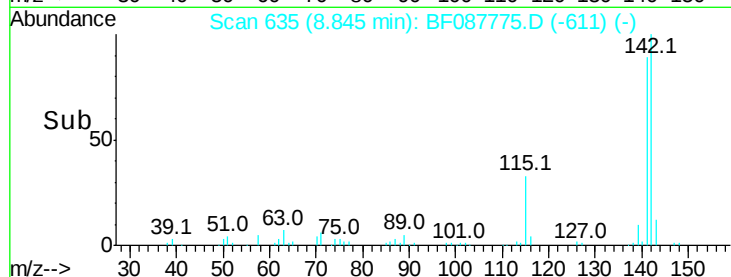
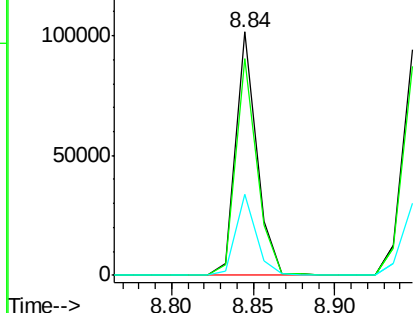
#37
 2-Methylnaphthalene
 Concen: 7.68 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF087775.D
 Acq: 7 Jun 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Tot Ion:142 Resp: 89863
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 33.3 22.6 33.8

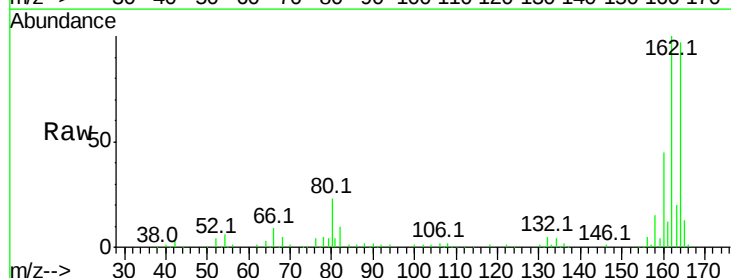


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

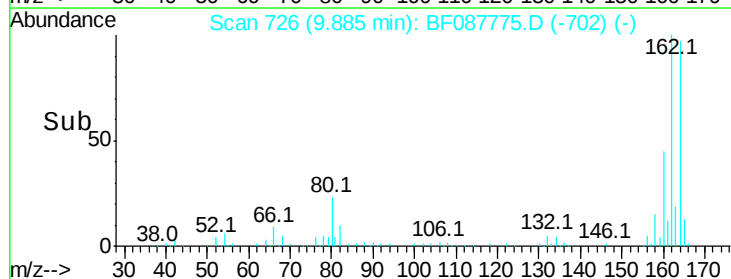
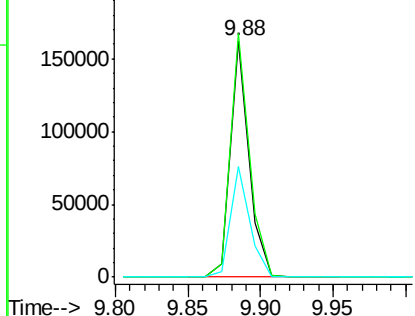


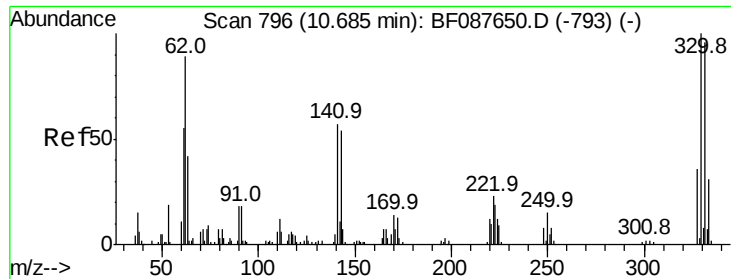
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087775.D
 Acq: 7 Jun 2016 4:58

Tgt Ion:164 Resp: 144066
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.4 128.2
 160 46.6 39.5 59.3



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

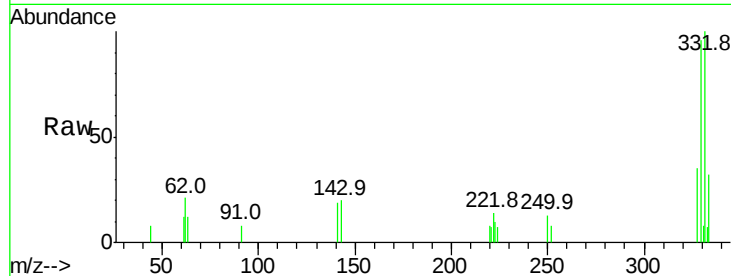




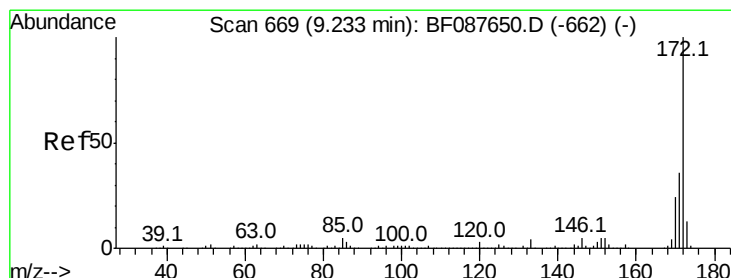
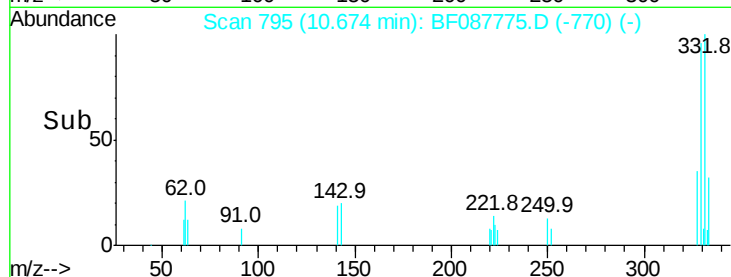
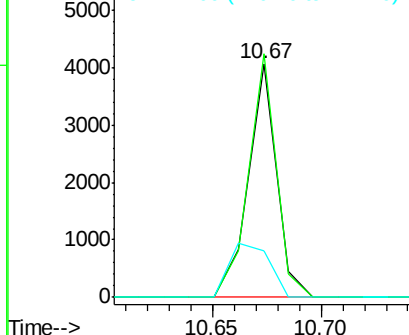
#41
 2,4,6-Tribromophenol
 Concen: 2.54 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087775.D
 Acq: 7 Jun 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Tot Ion:330 Resp: 3670
 Ion Ratio Lower Upper
 330 100
 332 102.1 0.0 0.0#
 141 32.9 0.0 0.0#

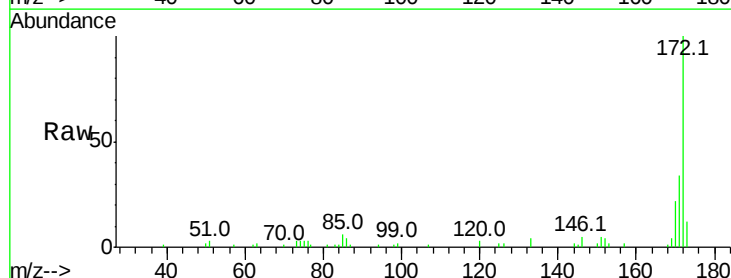


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

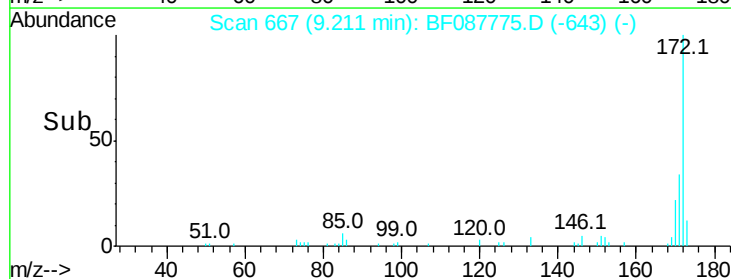
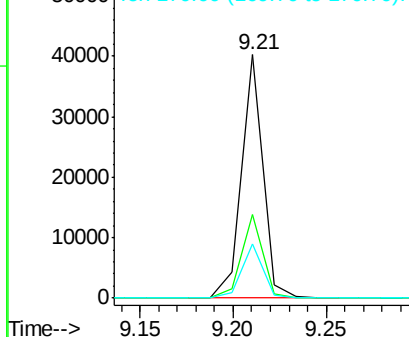


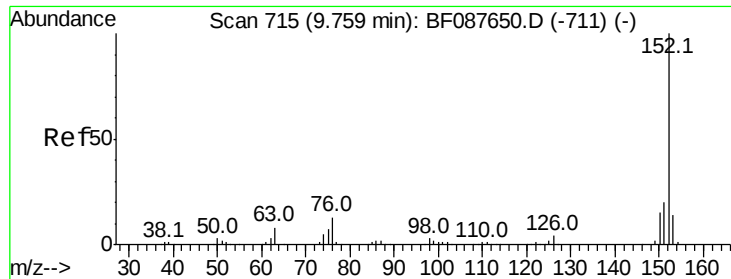
#44
 2-Fluorobiphenyl
 Concen: 2.90 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087775.D
 Acq: 7 Jun 2016 4:58

Tgt Ion:172 Resp: 32215
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 43.0
 170 22.4 19.2 28.8



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





#48

Acenaphthylene

Concen: 2.27 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

Instrument :

BNA_F

ClientSampleId :

MW-16DL

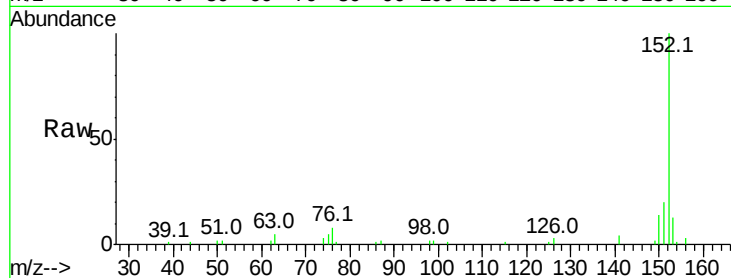
Tot Ion:152 Resp: 32890

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

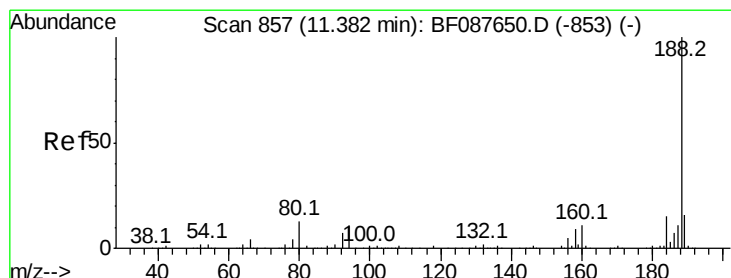
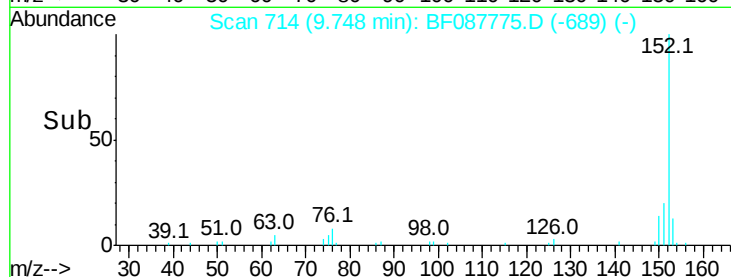
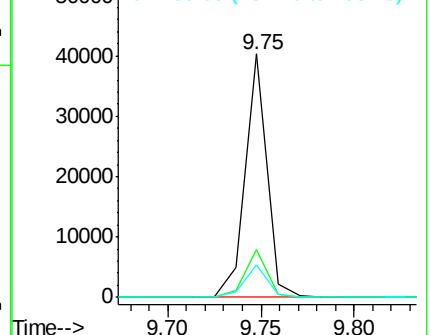
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

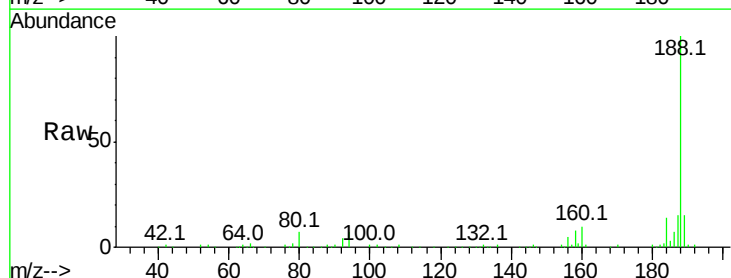
Tgt Ion:188 Resp: 245011

Ion Ratio Lower Upper

188 100

94 7.3 9.0 13.6#

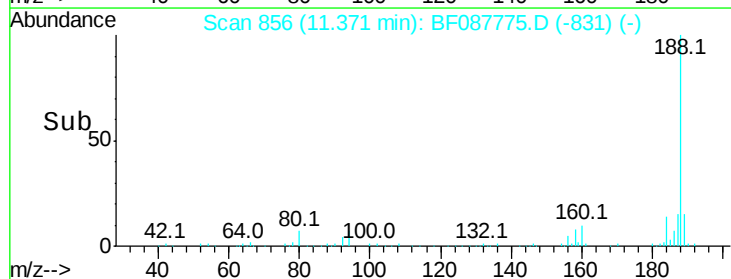
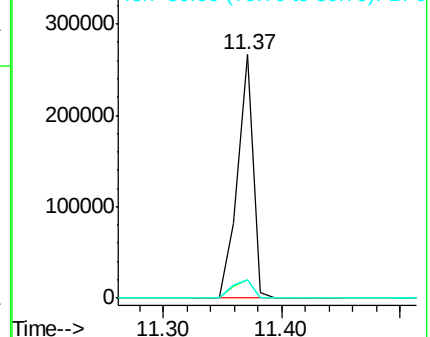
80 7.3 10.0 15.0#

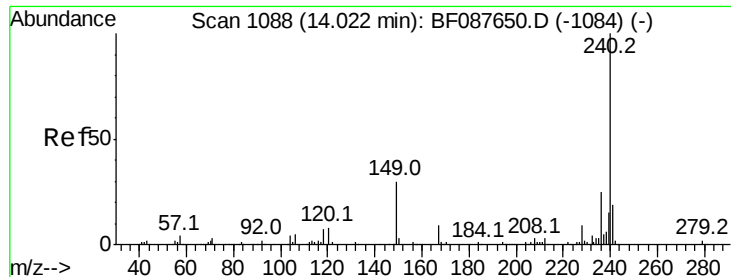


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

Instrument :

BNA_F

ClientSampled :

MW-16DL

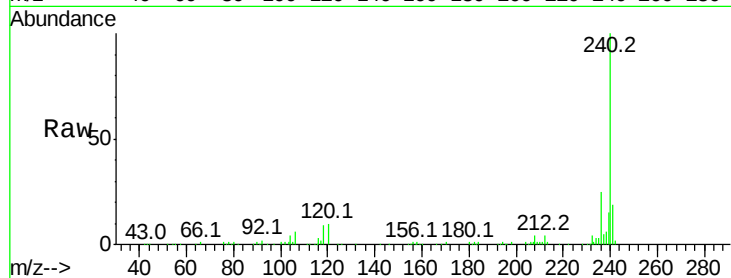
Tot Ion:240 Resp: 189771

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

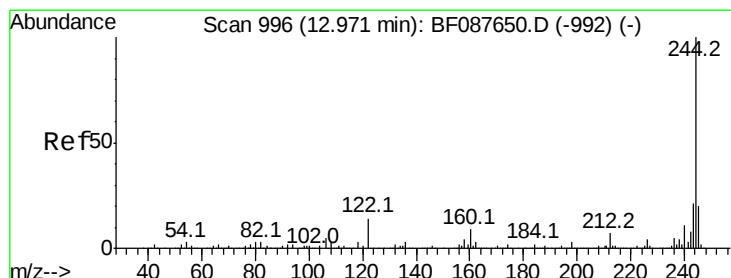
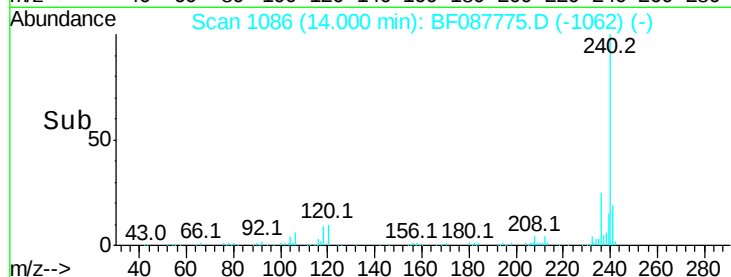
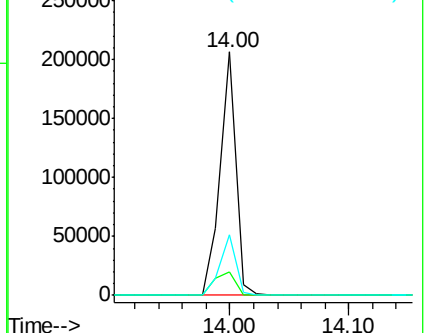
236 24.9 20.2 30.2



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: 2.42 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF087775.D

Acq: 7 Jun 2016 4:58

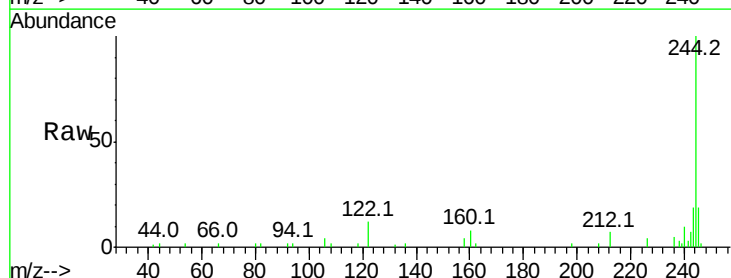
Tgt Ion:244 Resp: 18787

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

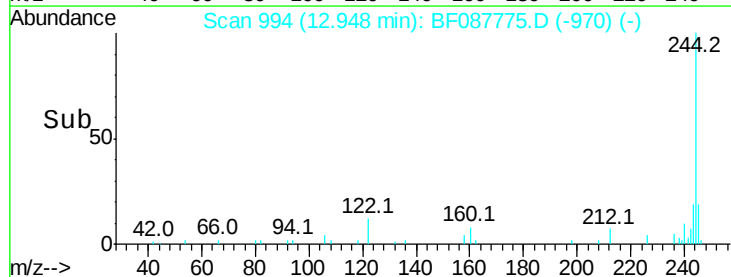
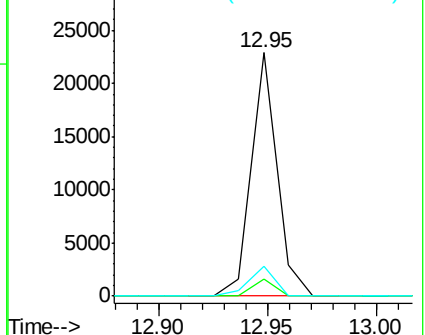
122 12.4 11.2 16.8

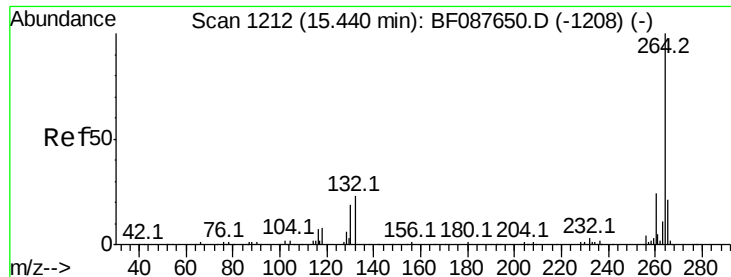


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF087775.D
 Acq: 7 Jun 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.9	19.2	28.8	
265	21.0	16.9	25.3	

