

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078987.D
 Acq On : 7 May 2015 9:03
 Operator : TP/IZ
 Sample : G2046-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 12:45:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

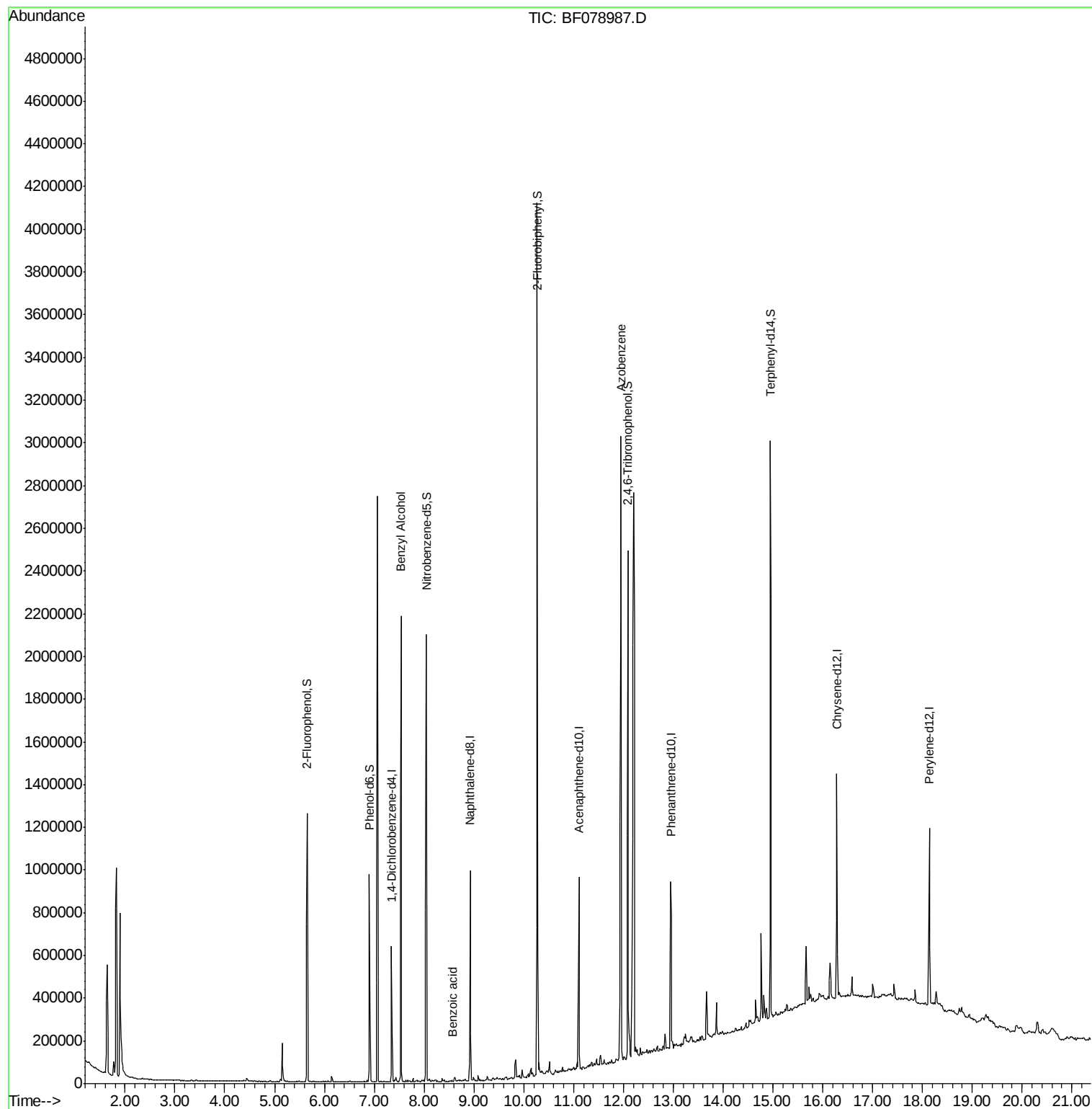
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	103568	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	431442	20.00	ng	-0.02
38) Acenaphthene-d10	11.11	164	206726	20.00	ng	-0.02
63) Phenanthrene-d10	12.95	188	392550	20.00	ng	-0.02
75) Chrysene-d12	16.29	240	421788	20.00	ng	-0.01
86) Perylene-d12	18.14	264	389363	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	425714	70.76	ng	-0.01
7) Phenol-d6	6.90	99	349828	43.99	ng	-0.02
23) Nitrobenzene-d5	8.04	82	702279	93.55	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	324064	144.90	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	1235868	83.29	ng	-0.02
78) Terphenyl-d14	14.95	244	1219674	69.23	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.54	79	12202	2.07	ng	# 41
32) Benzoic acid	8.57	122	234	6.36	ng	# 73
62) Azobenzene	11.95	77	94275	6.37	ng	# 33

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

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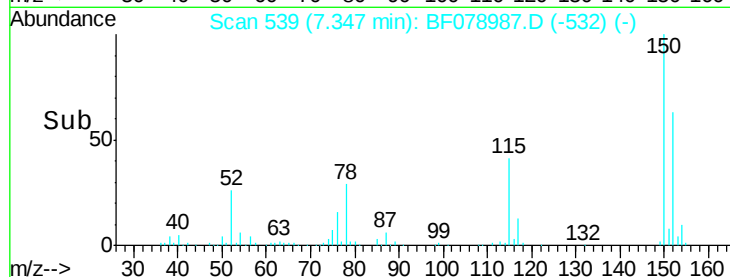
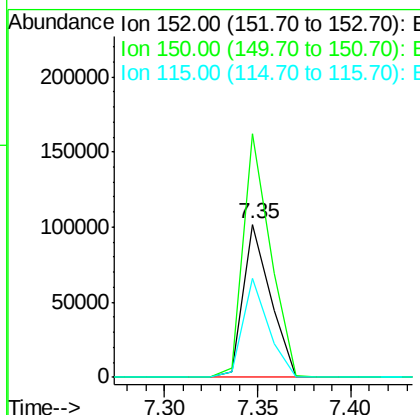
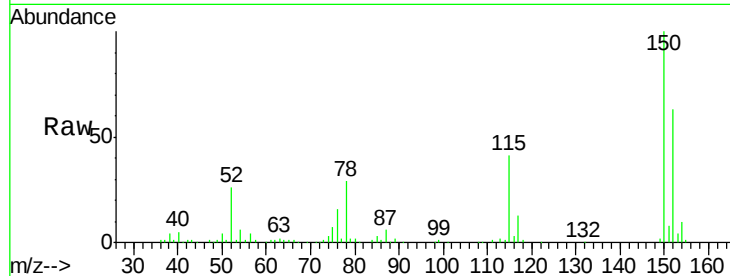




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

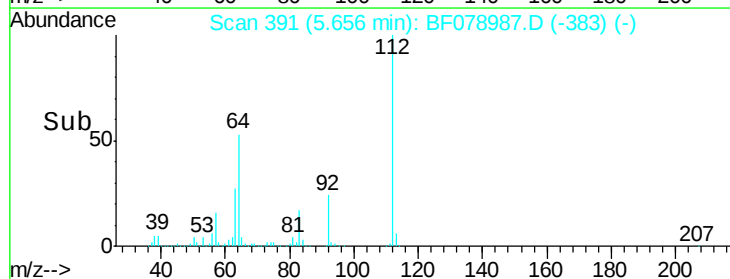
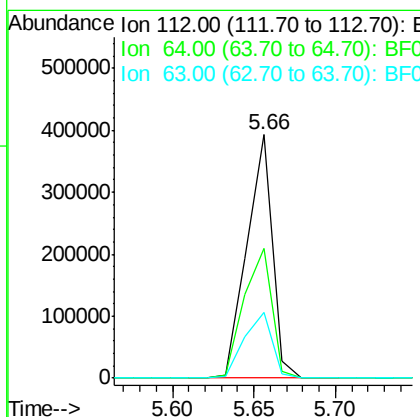
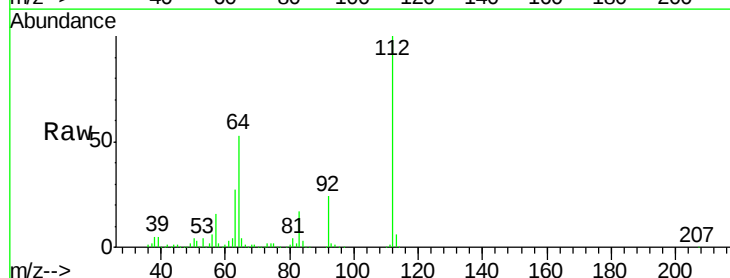
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 103568
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.0 183.0
 115 65.1 46.3 69.5



#5
 2-Fluorophenol
 Concen: 70.76 ng
 RT: 5.66 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

Tgt Ion:112 Resp: 425714
 Ion Ratio Lower Upper
 112 100
 64 53.1 53.5 80.3#
 63 26.7 27.5 41.3#





#7

Phenol-d6

Concen: 43.99 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

Instrument :

BNA_F

ClientSampleId :

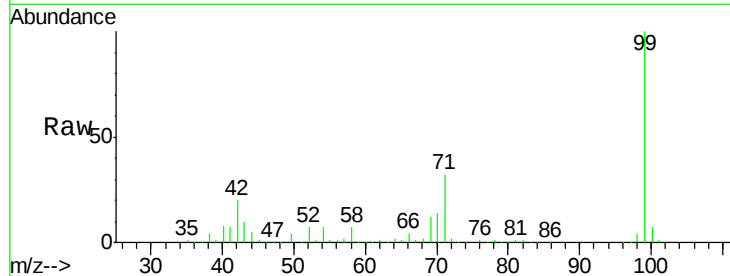
Tot Ion: 99 Resp: 349828

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

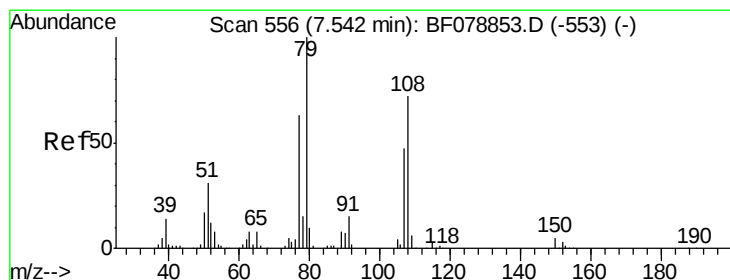
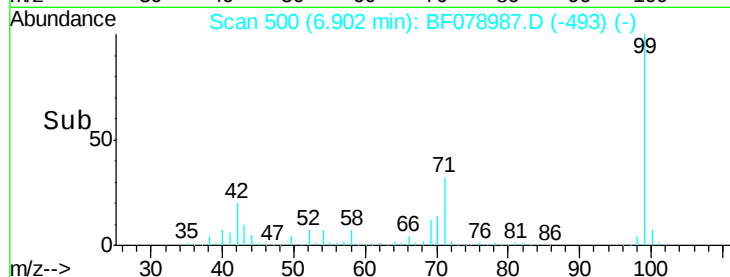
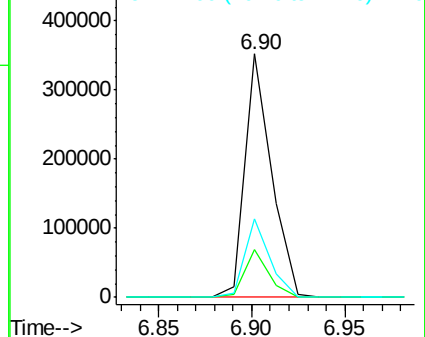
71 32.2 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.54 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

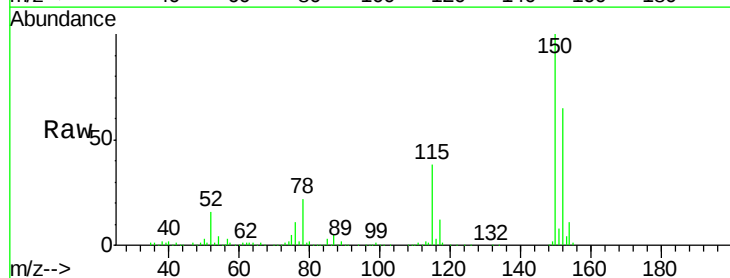
Tgt Ion: 79 Resp: 12202

Ion Ratio Lower Upper

79 100

108 33.8 62.5 93.7#

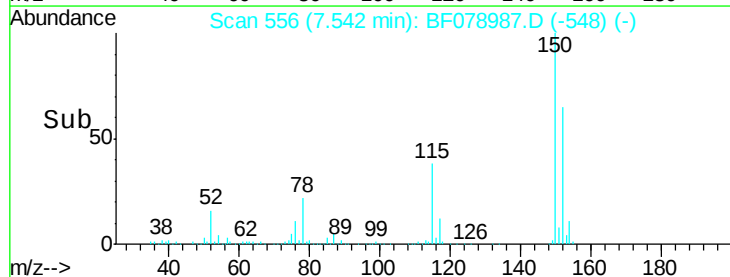
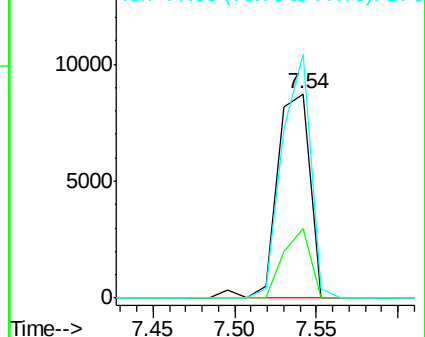
77 119.1 52.2 78.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

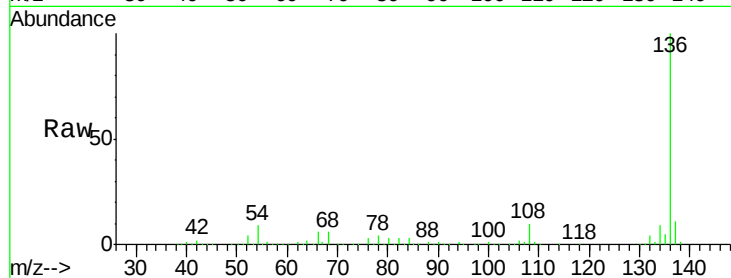




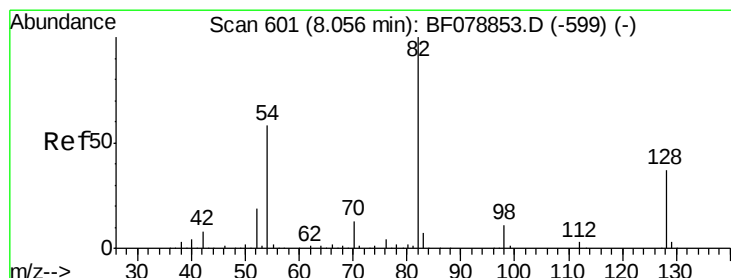
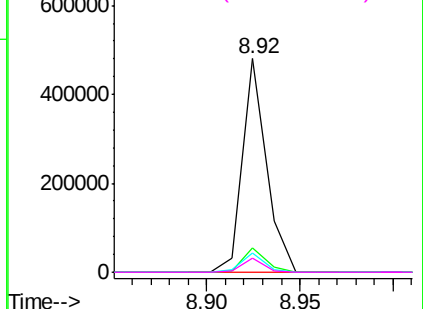
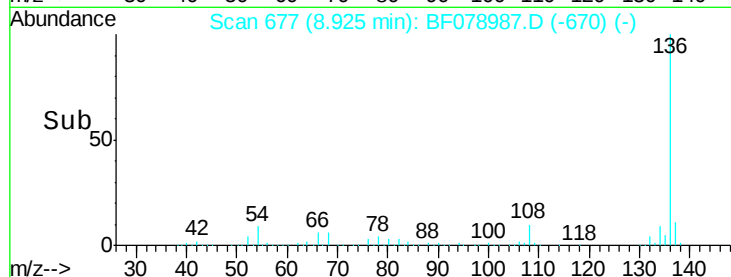
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF078987.D
Acq: 7 May 2015 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431442
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	9.2	5.8 8.8#
68	6.5	4.2 6.4#

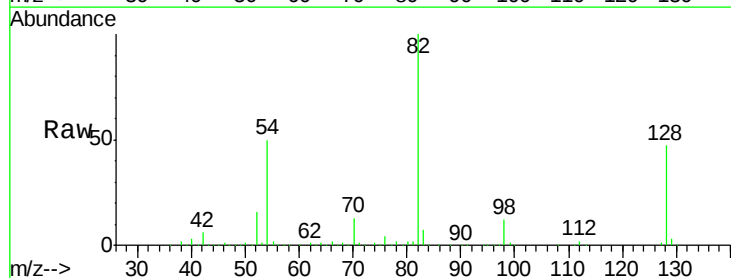


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

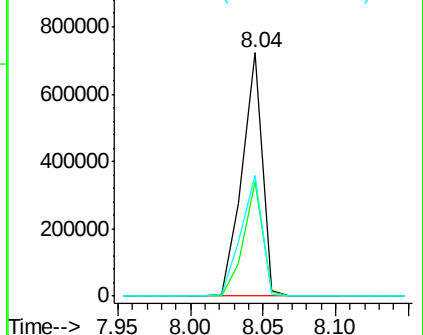
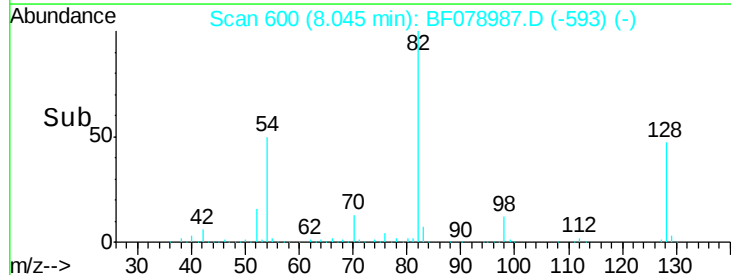


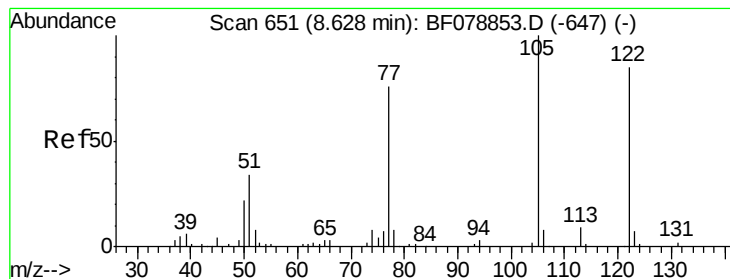
#23
Nitrobenzene-d5
Concen: 93.55 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF078987.D
Acq: 7 May 2015 9:03

Tgt Ion: 82	Resp:	702279
Ion Ratio	Lower	Upper
82	100	
128	47.1	30.0 45.0#
54	49.7	46.4 69.6



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





#32

Benzoic acid

Concen: 6.36 ng

RT: 8.57 min Scan# 646

Delta R.T. -0.09 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

Instrument :

BNA_F

ClientSampled :

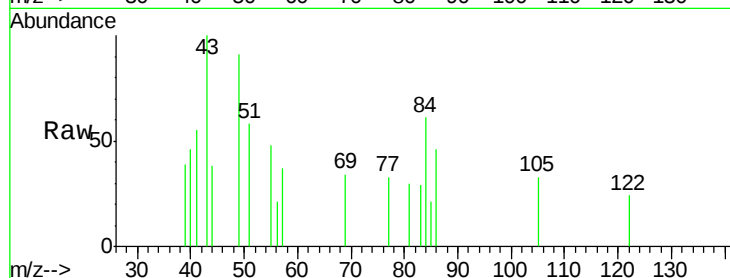
Tot Ion:122 Resp: 234

Ion Ratio Lower Upper

122 100

105 141.8 107.1 147.1

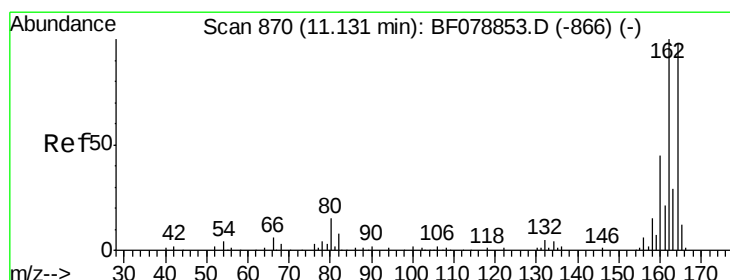
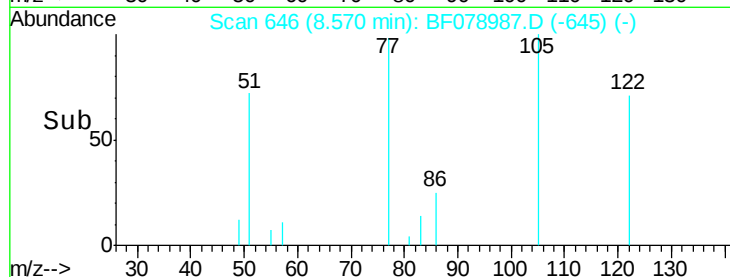
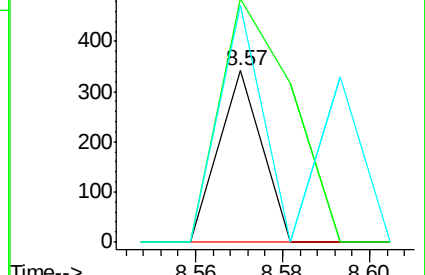
77 138.3 73.9 113.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

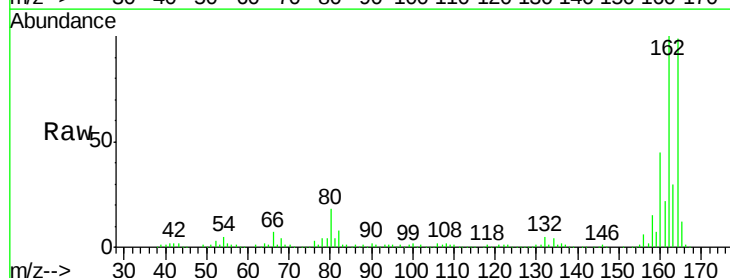
Tgt Ion:164 Resp: 206726

Ion Ratio Lower Upper

164 100

162 100.6 82.7 124.1

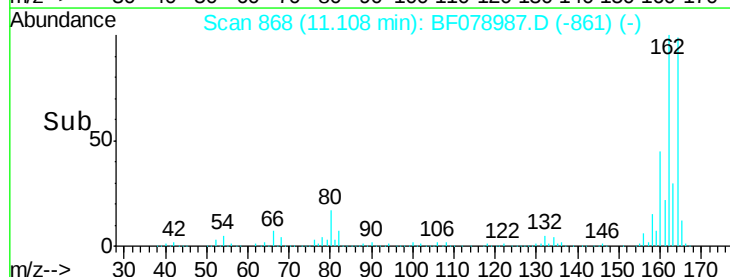
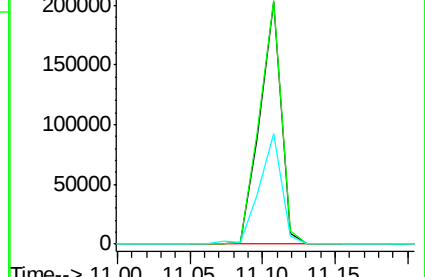
160 45.6 35.8 53.8

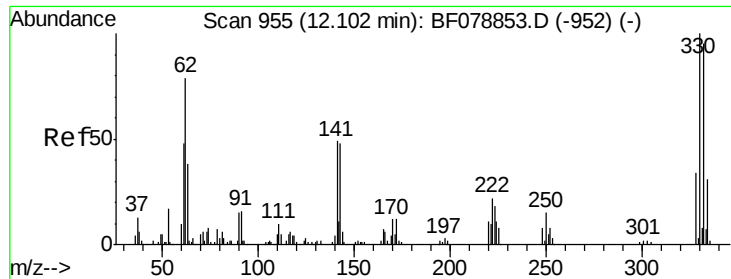


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

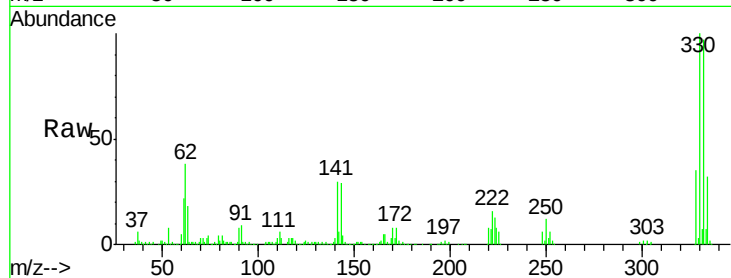




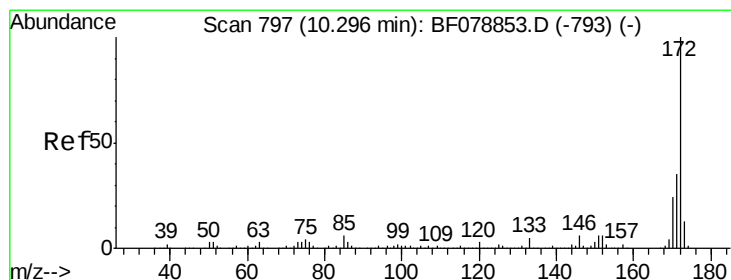
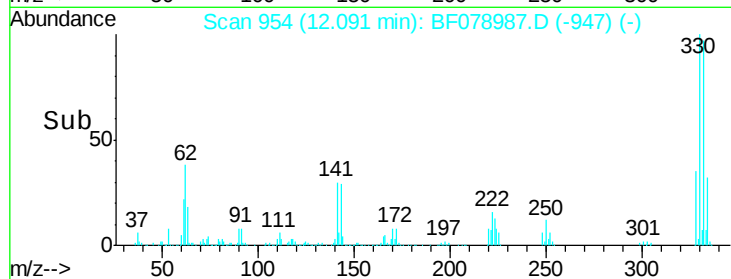
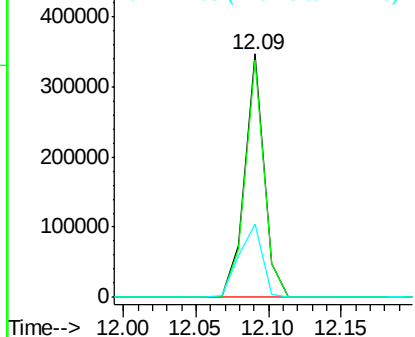
#41
 2,4,6-Tribromophenol
 Concen: 144.90 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	35.8	0.0	0.0#

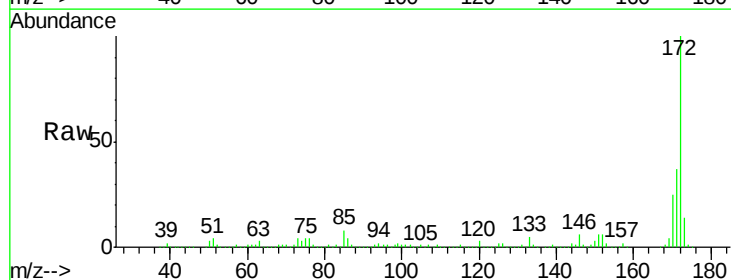


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

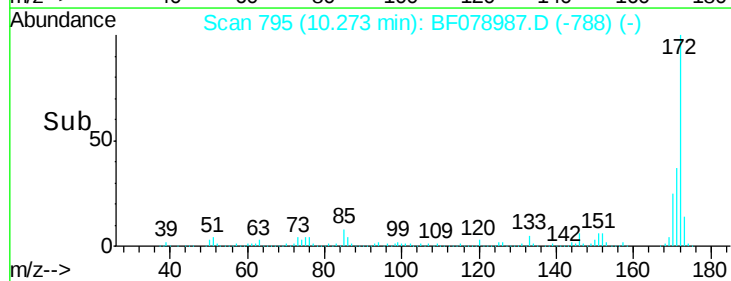
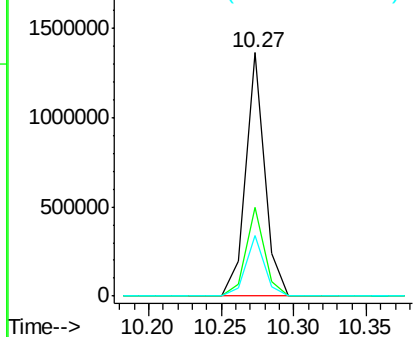


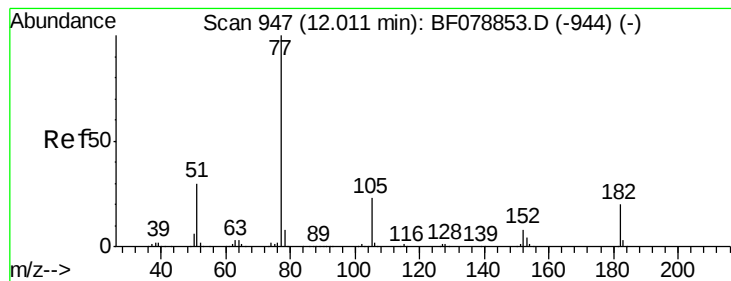
#44
 2-Fluorobiphenyl
 Concen: 83.29 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.9	41.9
170	24.9	19.4	29.0



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





#62

Azobenzene

Concen: 6.37 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 94275

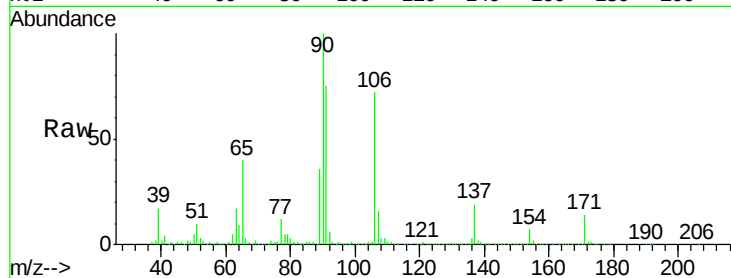
Ion Ratio Lower Upper

77 100

182 0.0 3.8 43.8#

105 6.3 3.9 43.9

51 88.9 10.8 50.8#

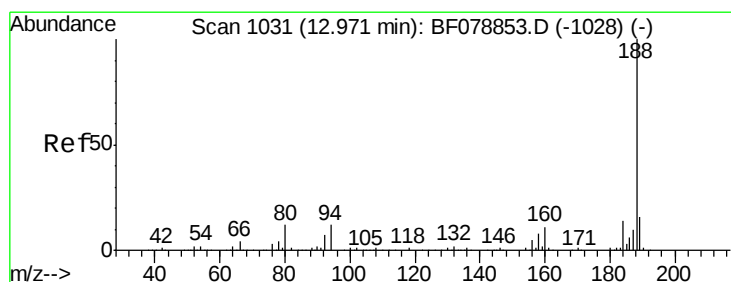
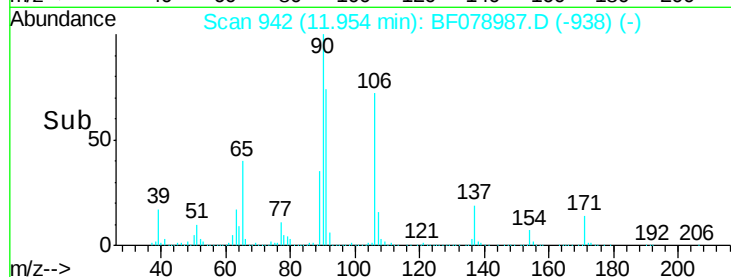
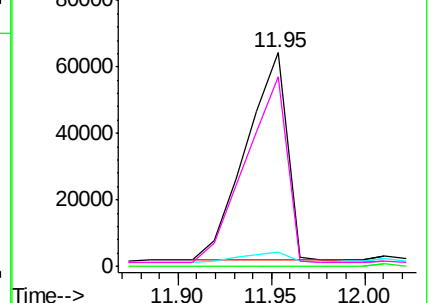


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.95 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

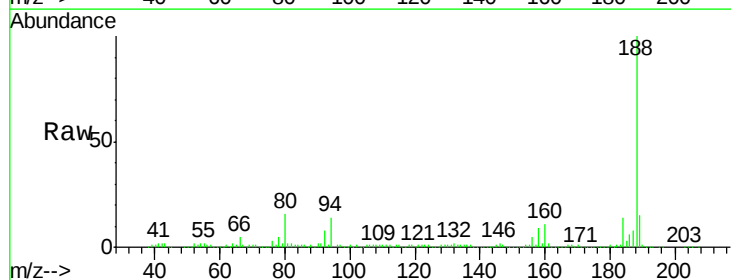
Tgt Ion: 188 Resp: 392550

Ion Ratio Lower Upper

188 100

94 14.0 8.2 12.2#

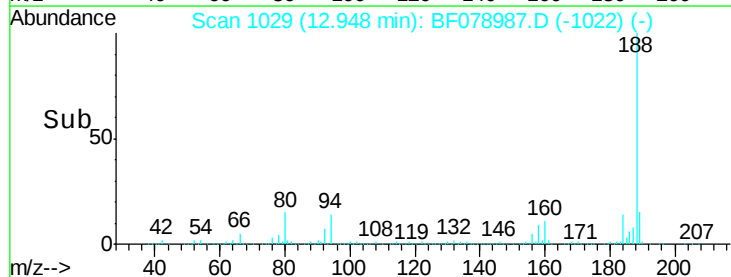
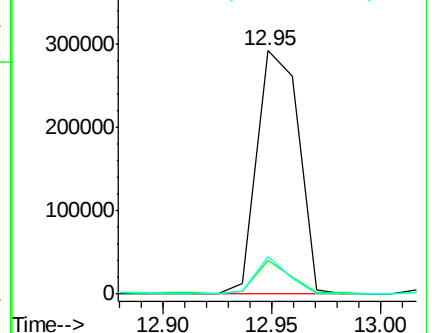
80 15.7 8.9 13.3#

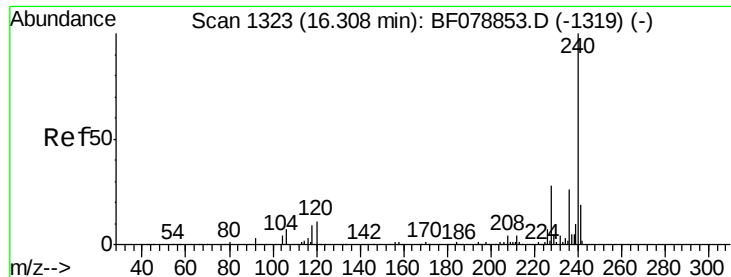


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

Instrument :

BNA_F

ClientSampled :

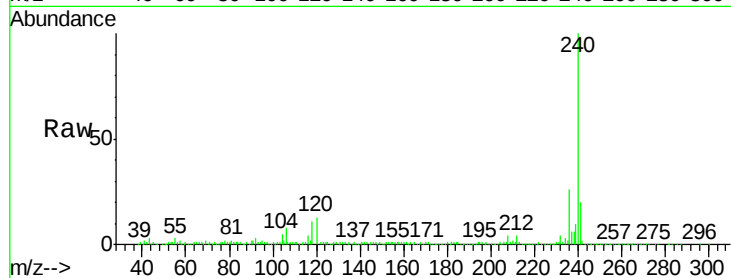
Tot Ion:240 Resp: 421788

Ion Ratio Lower Upper

240 100

120 12.9 9.7 14.5

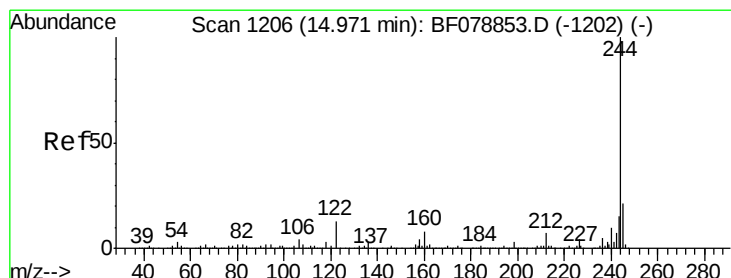
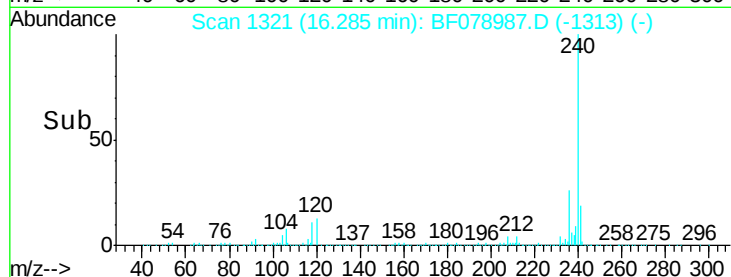
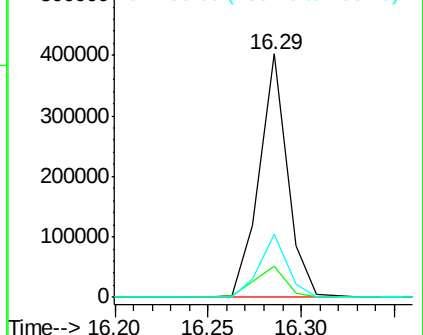
236 25.8 20.2 30.4



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: 69.23 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

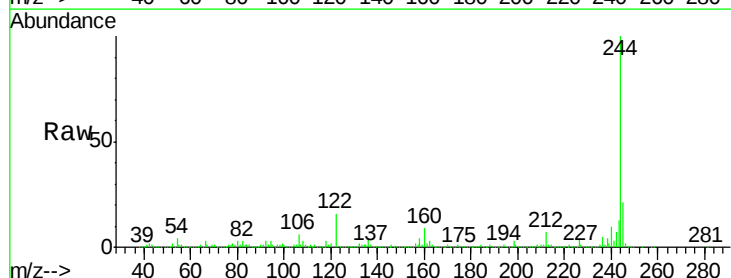
Tgt Ion:244 Resp: 1219674

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

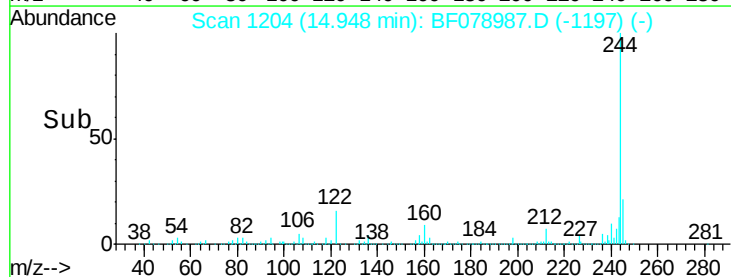
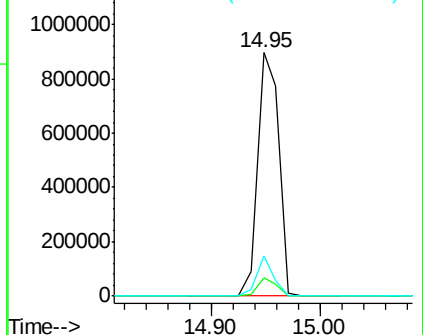
122 16.5 10.3 15.5#

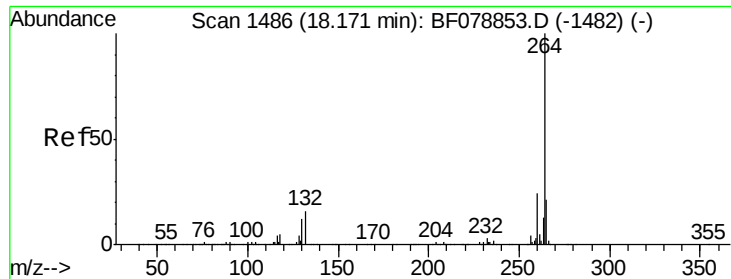


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.14 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.3	18.3	27.5

