

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094310.D
 Acq On : 10 Apr 2017 14:48
 Operator : SJ/MA
 Sample : I2532-08RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:46:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

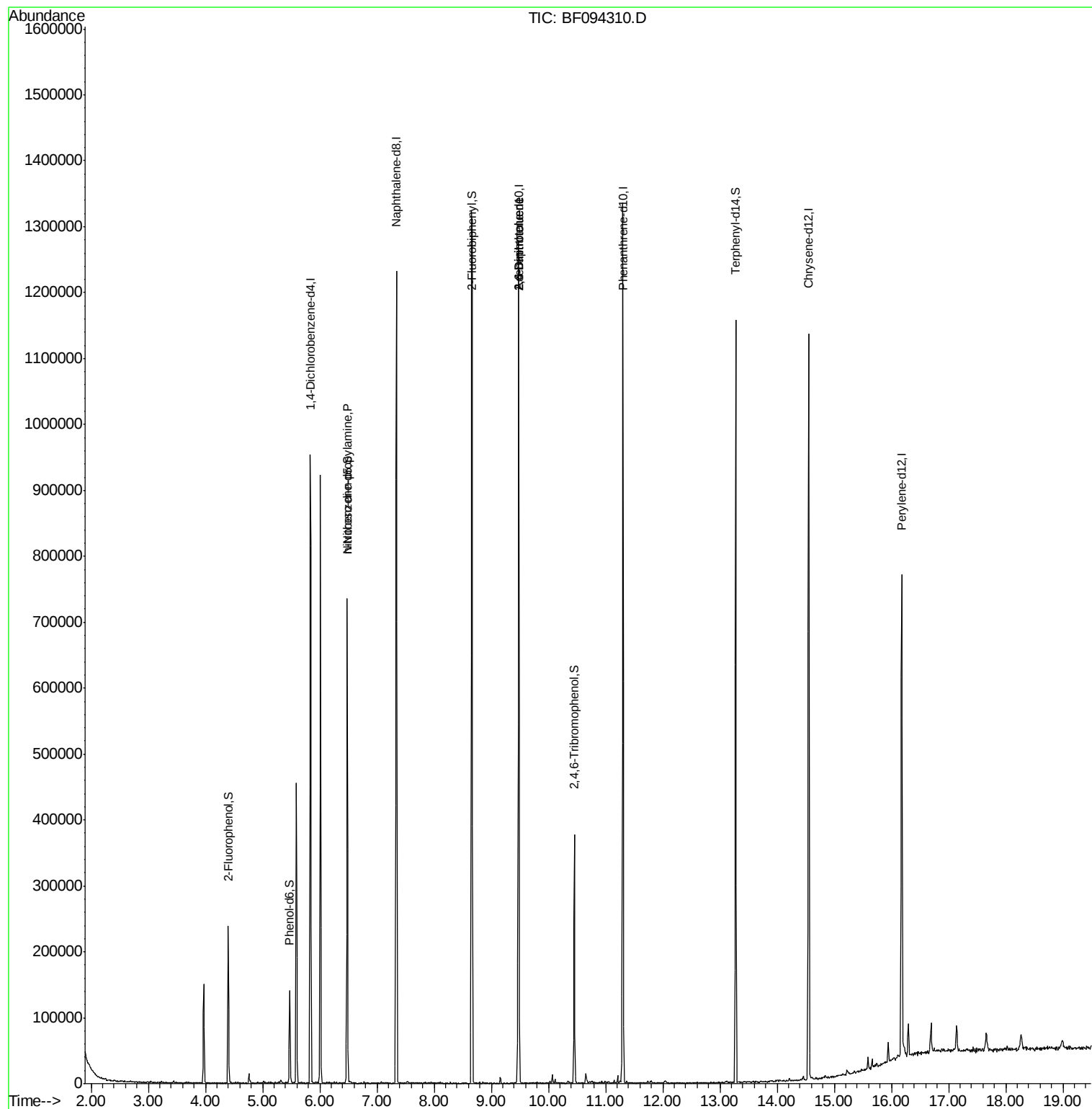
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	159646	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	646960	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	297729	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	539315	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	435495	20.00	ng	-0.02
86) Perylene-d12	16.18	264	285815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	68944	7.29	ng	0.01
7) Phenol-d6	5.47	99	53914	4.61	ng	0.00
23) Nitrobenzene-d5	6.48	82	244697	21.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	43250	18.38	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	501194	25.68	ng	-0.02
78) Terphenyl-d14	13.27	244	388059	19.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.48	70	31580	4.20	ng	# 77
50) 2,6-Dinitrotoluene	9.47	165	38353	7.91	ng	# 33
56) 2,4-Dinitrotoluene	9.47	165	38352	6.29	ng	# 33

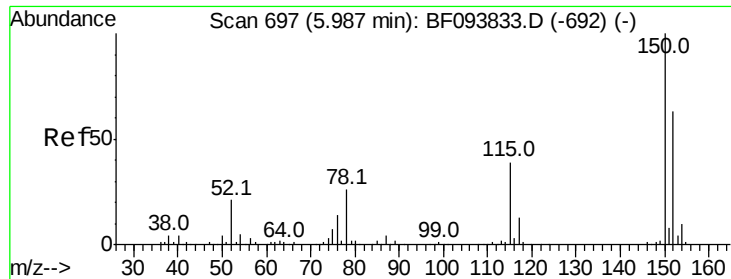
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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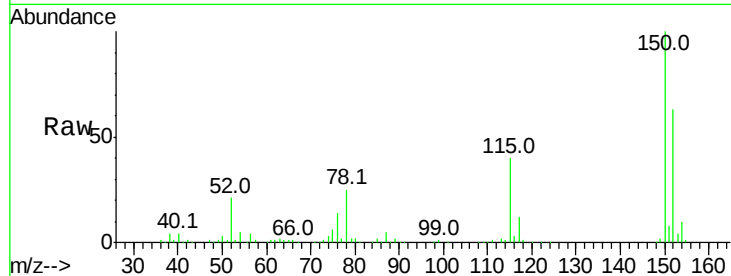


#1

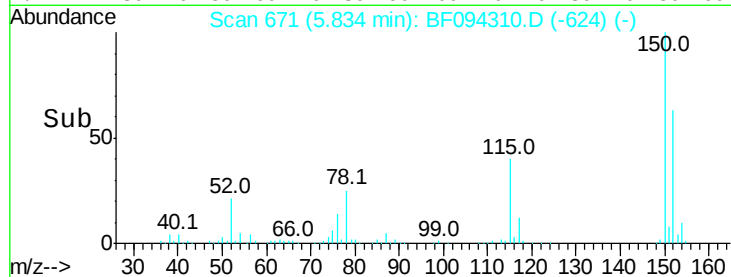
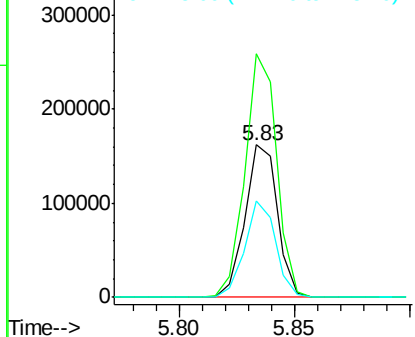
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF094310.D
 Acq: 10 Apr 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 159646
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.2 189.2
 115 63.1 52.2 78.2



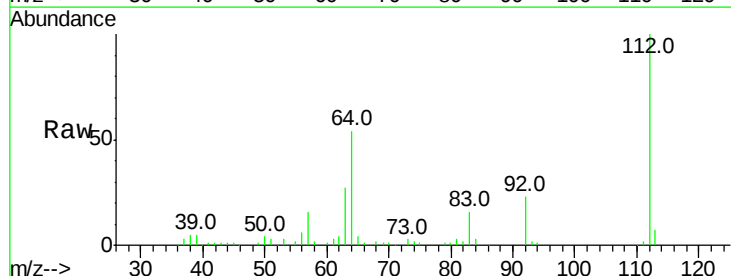
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



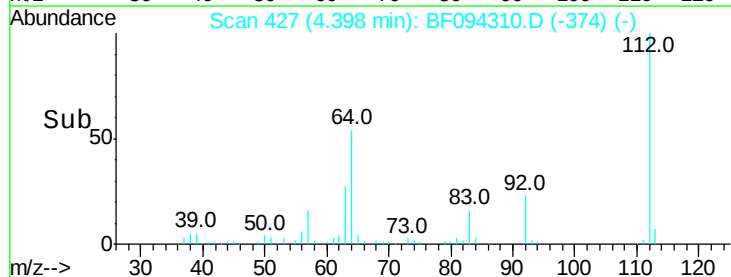
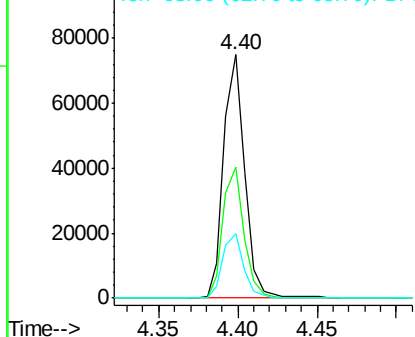
#5

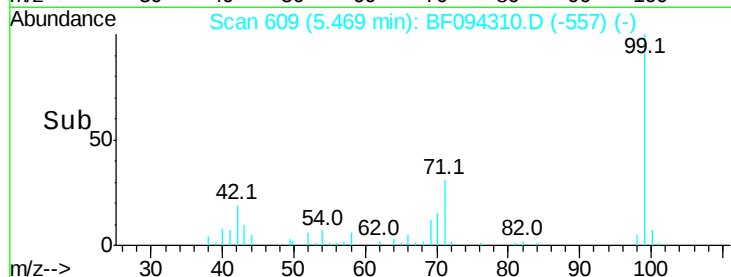
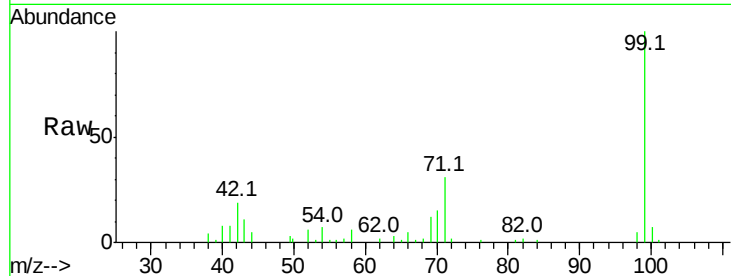
2-Fluorophenol
 Concen: 7.29 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094310.D
 Acq: 10 Apr 2017 14:48

Tgt Ion:112 Resp: 68944
 Ion Ratio Lower Upper
 112 100
 64 53.6 46.0 69.0
 63 26.6 23.4 35.0



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: 4.61 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094310.D

Acq: 10 Apr 2017 14:48

Instrument :

BNA_F

ClientSampleId :

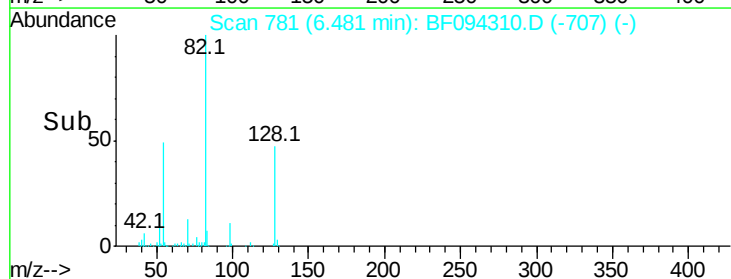
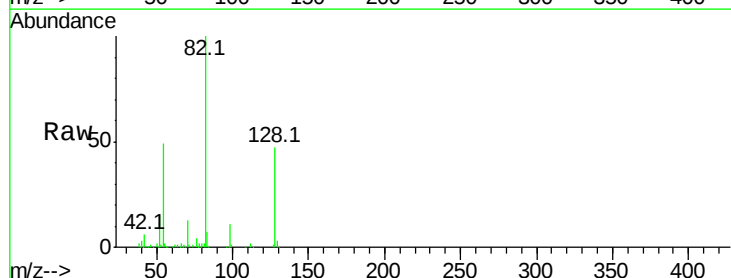
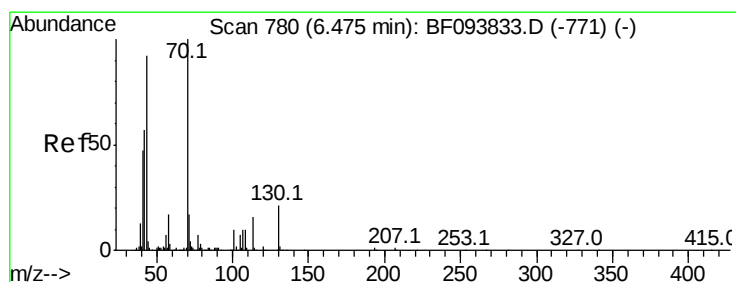
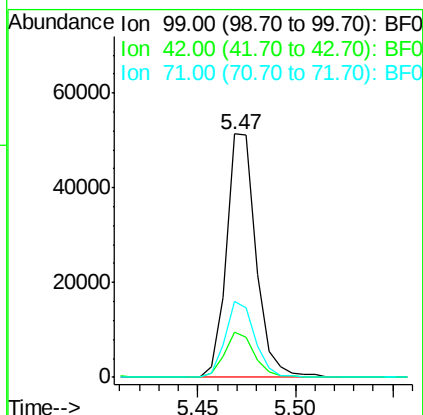
Tot Ion: 99 Resp: 53914

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

71 31.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 4.20 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.14 min

Lab File: BF094310.D

Acq: 10 Apr 2017 14:48

Tgt Ion: 70 Resp: 31580

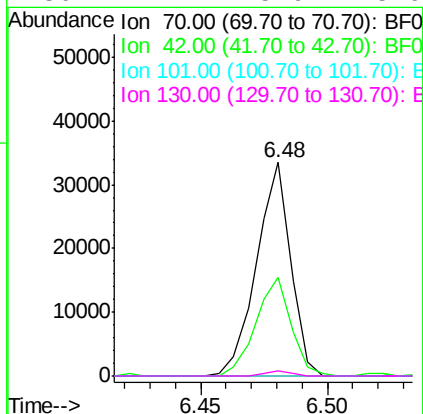
Ion Ratio Lower Upper

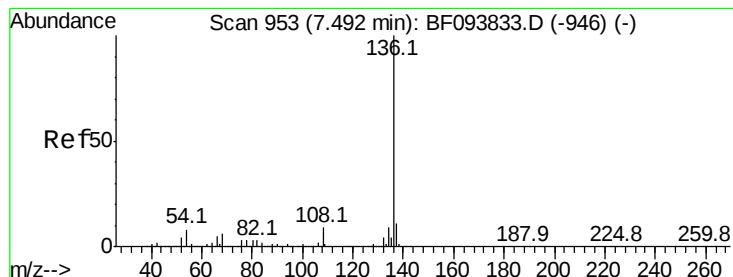
70 100

42 45.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094310.D

Acq: 10 Apr 2017 14:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 646960

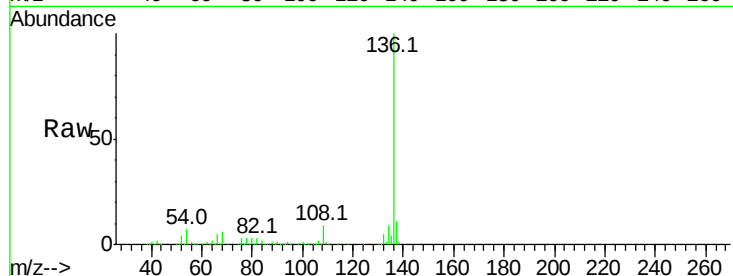
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 5.6 4.1 6.1

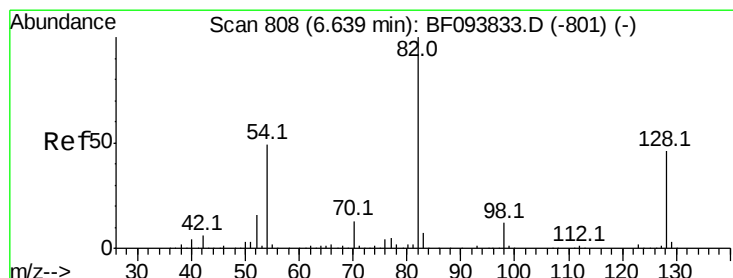
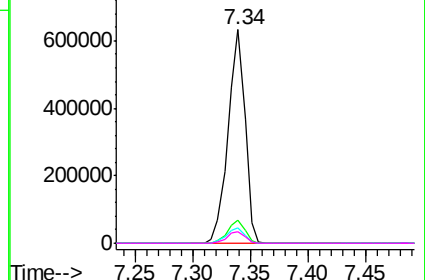
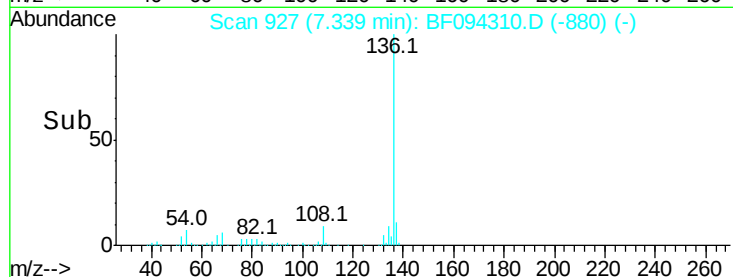


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 21.58 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094310.D

Acq: 10 Apr 2017 14:48

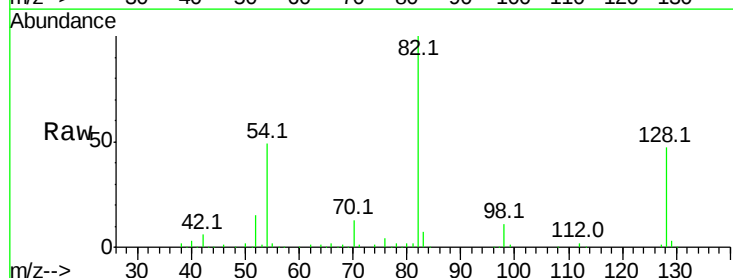
Tgt Ion: 82 Resp: 244697

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

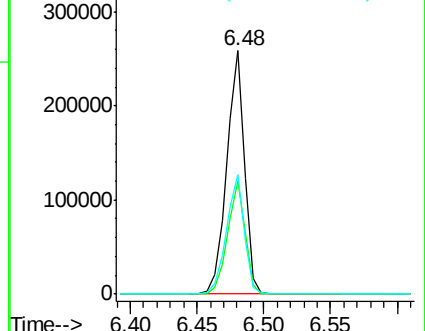
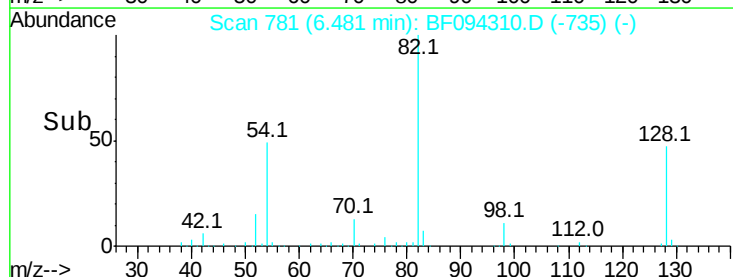
54 48.8 42.2 63.2



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

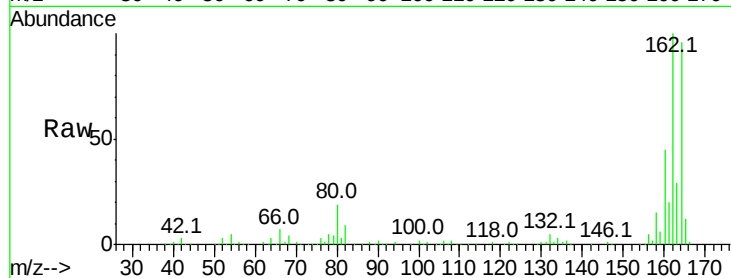




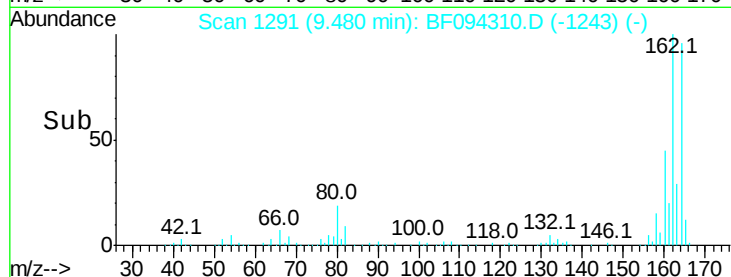
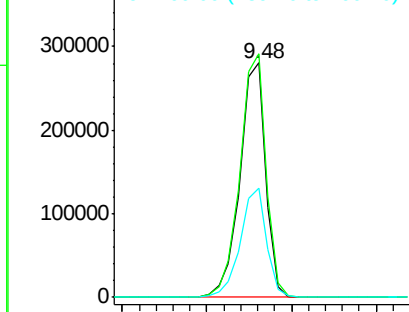
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094310.D
 Acq: 10 Apr 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 297729
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 46.6 36.2 54.2

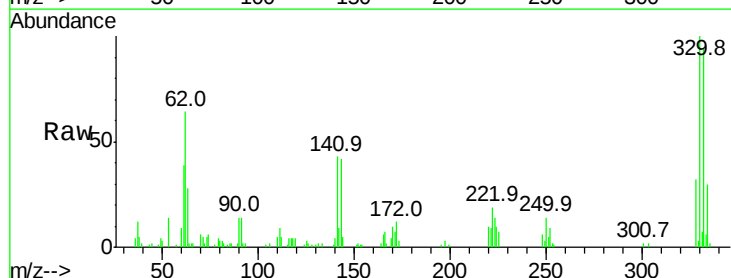


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

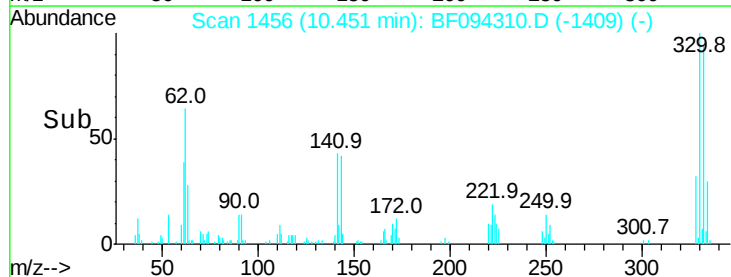
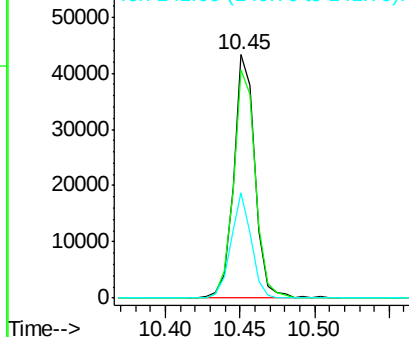


#41
 2,4,6-Tribromophenol
 Concen: 18.38 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094310.D
 Acq: 10 Apr 2017 14:48

Tgt Ion:330 Resp: 43250
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 41.2 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

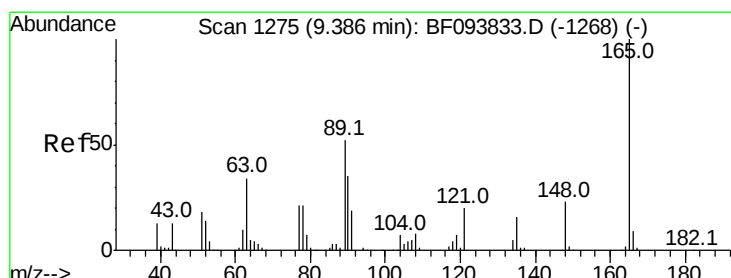
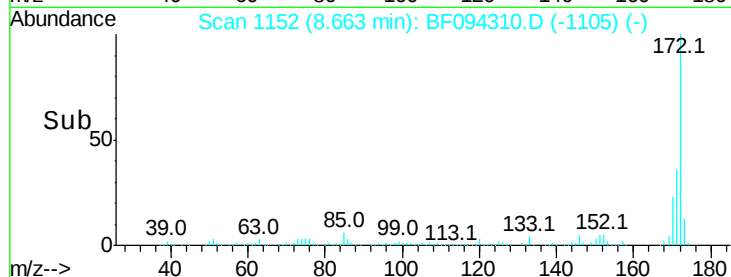
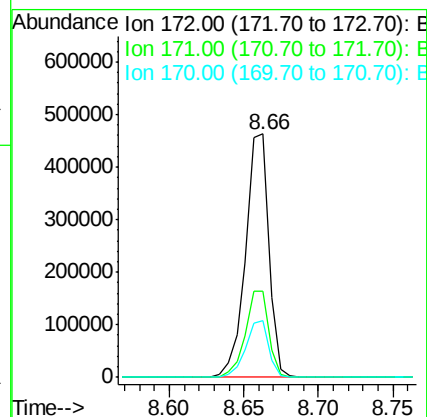
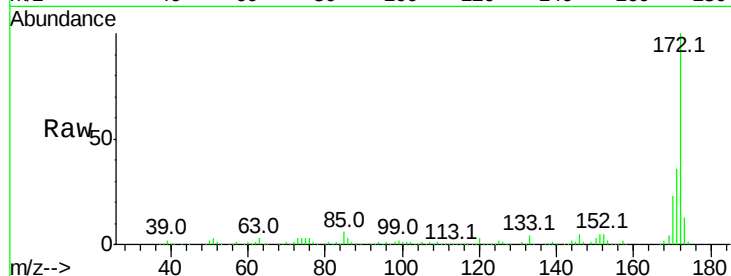




#44
 2-Fluorobiphenyl
 Concen: 25.68 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094310.D
 Acq: 10 Apr 2017 14:48

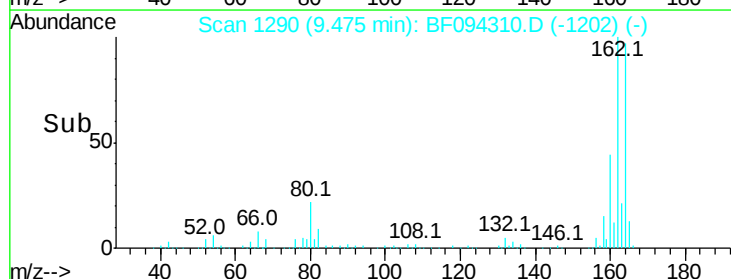
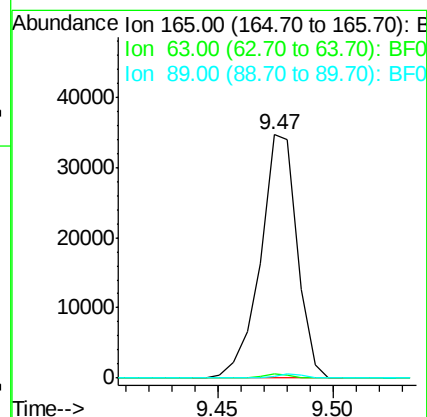
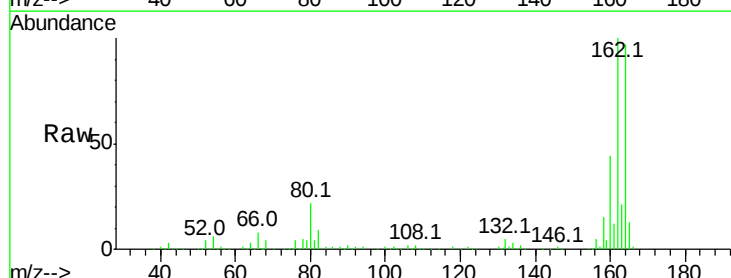
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. 0.22 min
 Lab File: BF094310.D
 Acq: 10 Apr 2017 14:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.0	37.1	55.7#

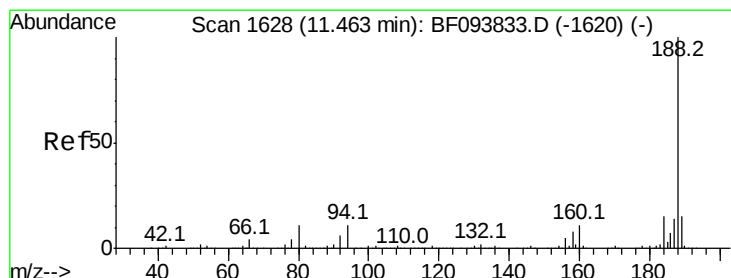
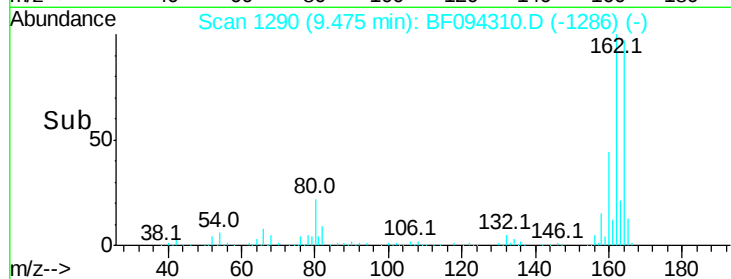
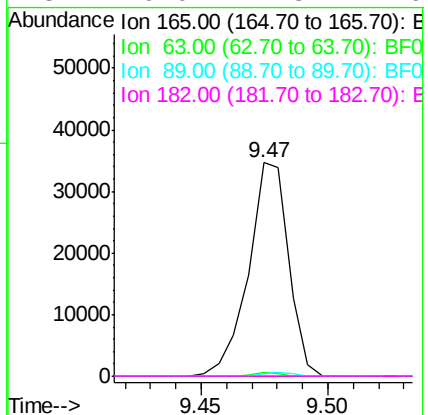
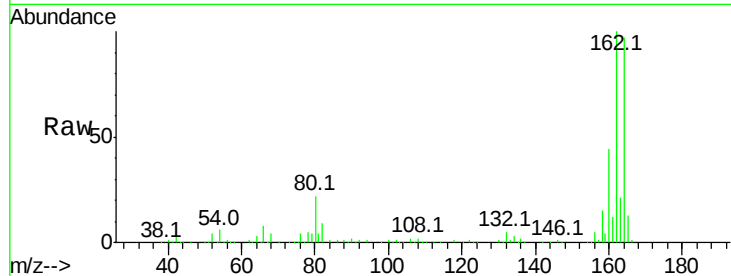




#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094310.D
 Acq: 10 Apr 2017 14:48

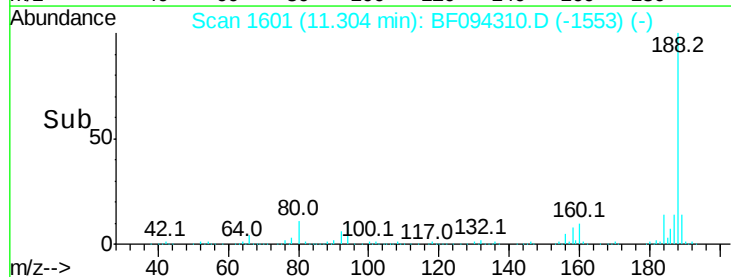
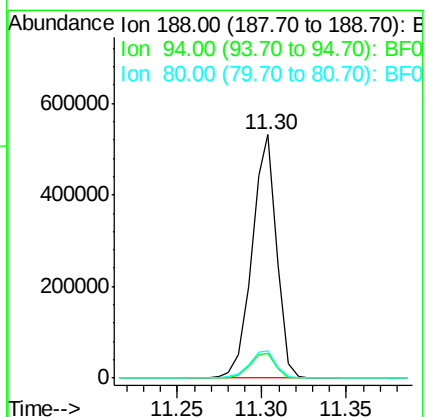
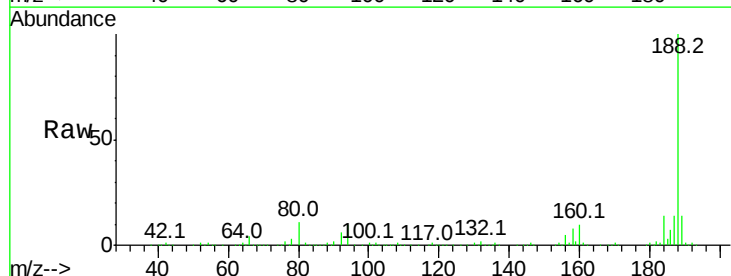
Instrument :
 BNA_F
 ClientSampleId :

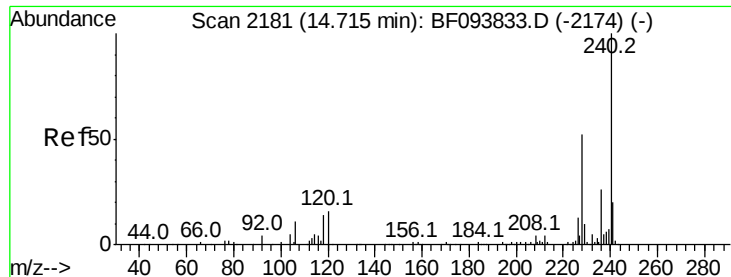
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BF094310.D
 Acq: 10 Apr 2017 14:48

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094310.D

Acq: 10 Apr 2017 14:48

Instrument :

BNA_F

ClientSampleId :

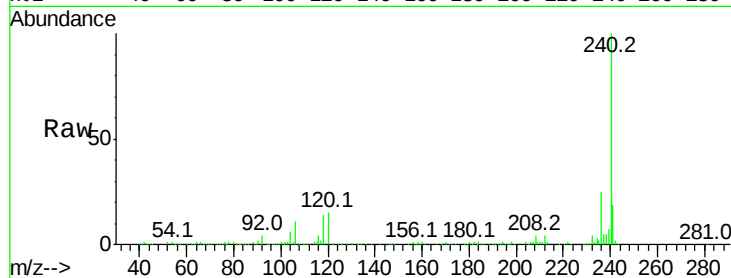
Tot Ion:240 Resp: 435495

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

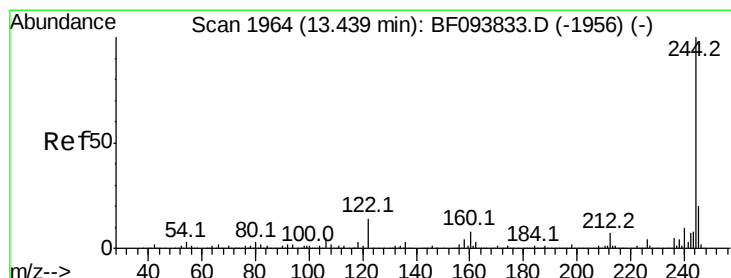
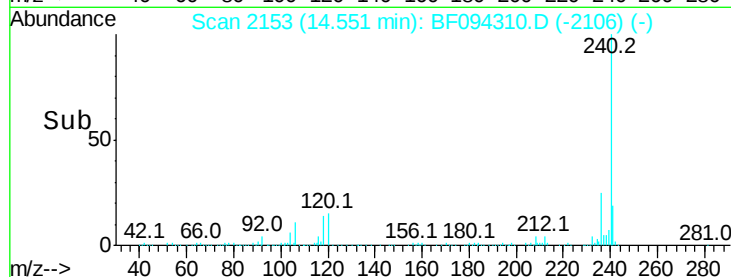
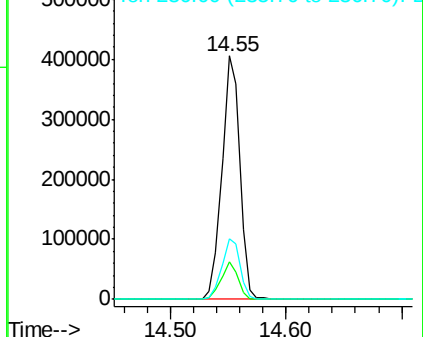
236 25.1 20.5 30.7



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: 19.97 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094310.D

Acq: 10 Apr 2017 14:48

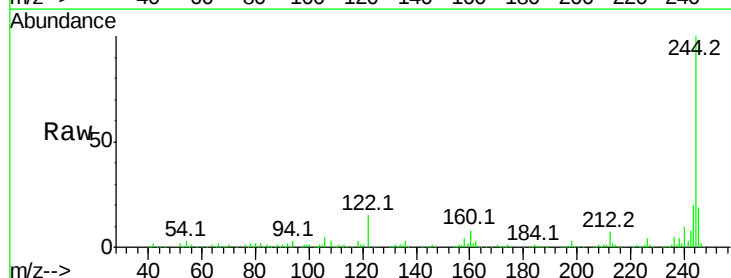
Tgt Ion:244 Resp: 388059

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

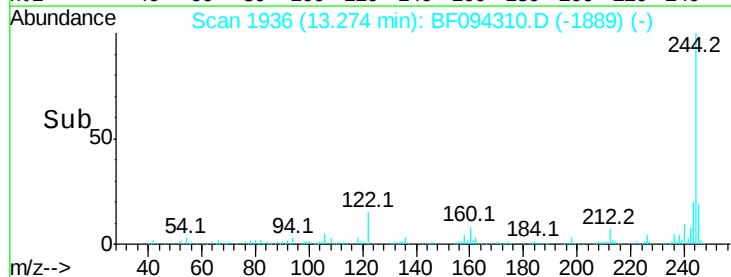
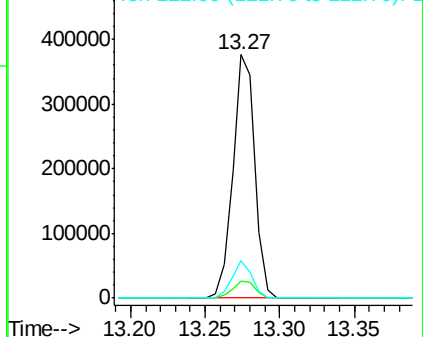
122 15.2 10.3 15.5

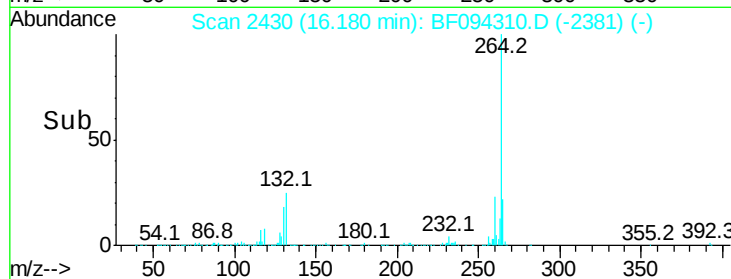
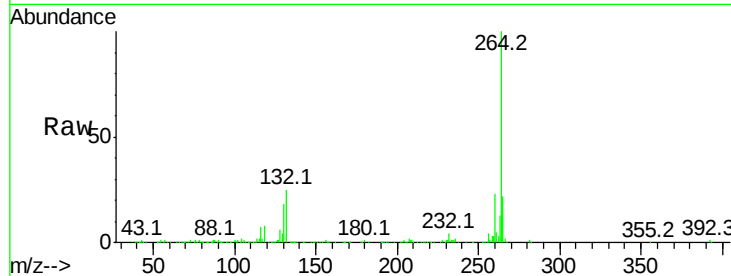
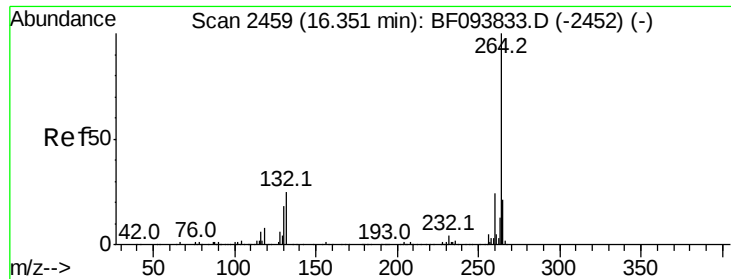


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.9	17.2	25.8

