

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094121.D
 Acq On : 3 Apr 2017 15:26
 Operator : SJ/MA
 Sample : I2507-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-10-S3(16.5-17)

Quant Time: Apr 04 01:03:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

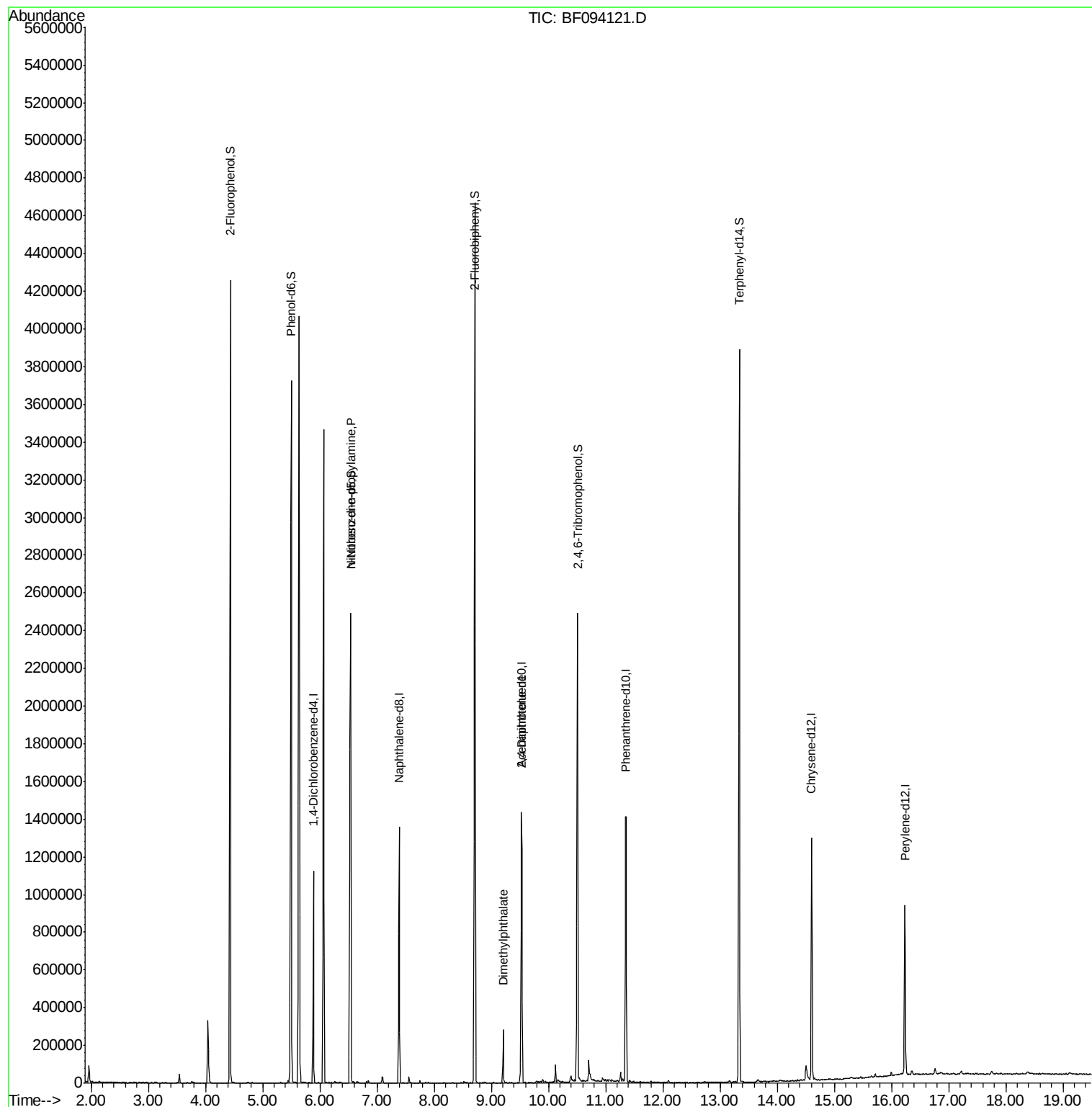
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	173588	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	707257	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	332788	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	607412	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	512279	20.00	ng	-0.02
86) Perylene-d12	16.24	264	385791	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1383364	134.60	ng	0.00
7) Phenol-d6	5.50	99	1774333	139.55	ng	-0.01
23) Nitrobenzene-d5	6.54	82	1096444	88.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	369828	140.63	ng	-0.01
44) 2-Fluorobiphenyl	8.72	172	1886836	86.48	ng	-0.02
78) Terphenyl-d14	13.34	244	1538951	67.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.54	70	142784	17.47	ng	# 77
49) Dimethylphthalate	9.21	163	130754	5.53	ng	99
56) 2,4-Dinitrotoluene	9.53	165	42896	6.30	ng	# 33

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

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QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

Instrument :

BNA_F

ClientSampleId :

B-10-S3(16.5-17)

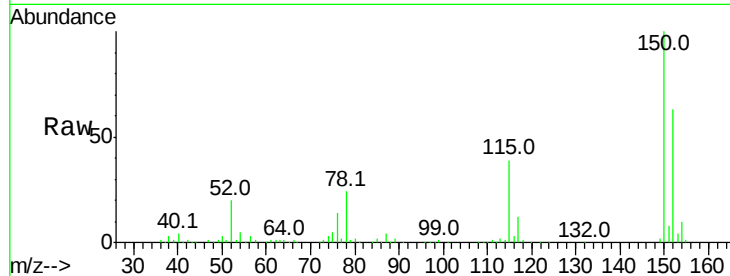
Tot Ion:152 Resp: 173588

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

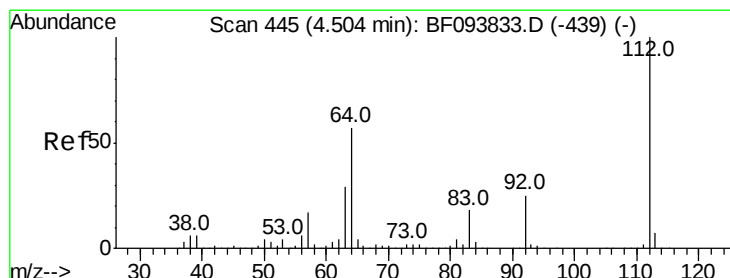
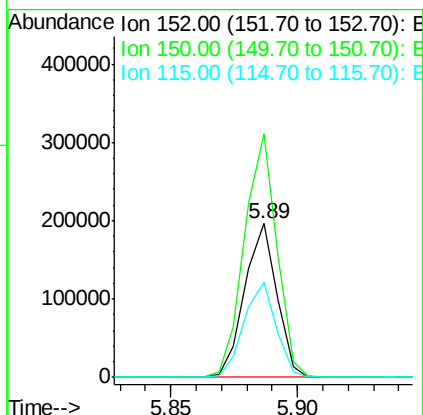
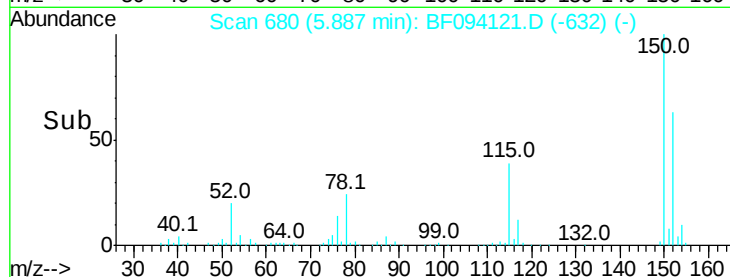
115 62.0 52.2 78.2



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: 134.60 ng

RT: 4.43 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

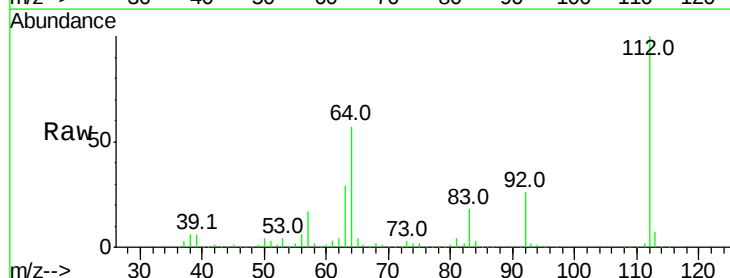
Tgt Ion:112 Resp: 1383364

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

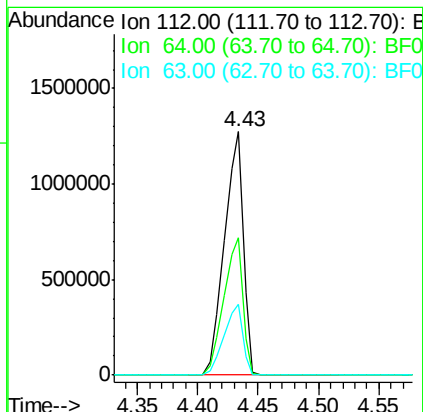
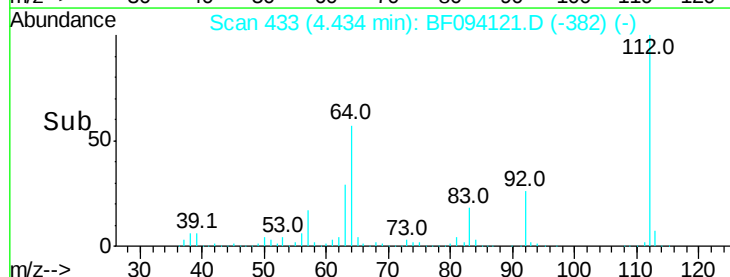
63 28.9 23.4 35.0

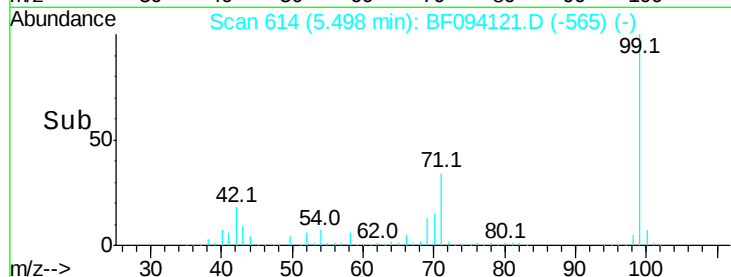
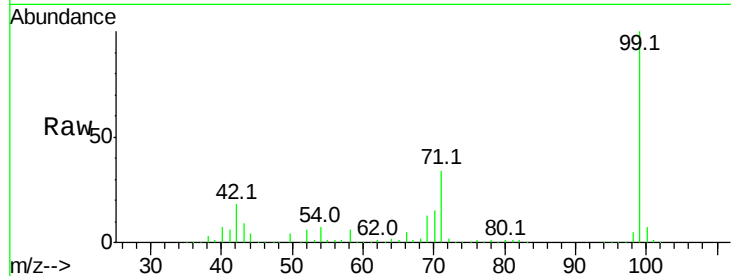
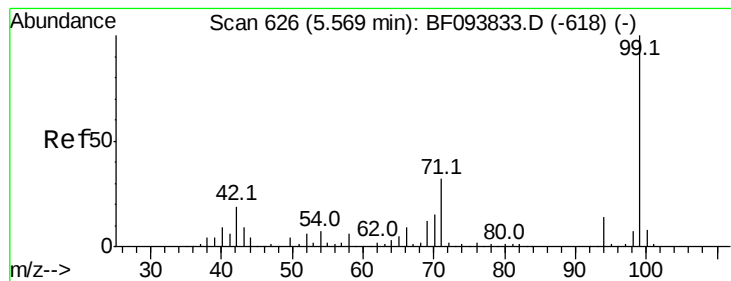


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.55 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

Instrument :

BNA_F

ClientSampleId :

B-10-S3(16.5-17)

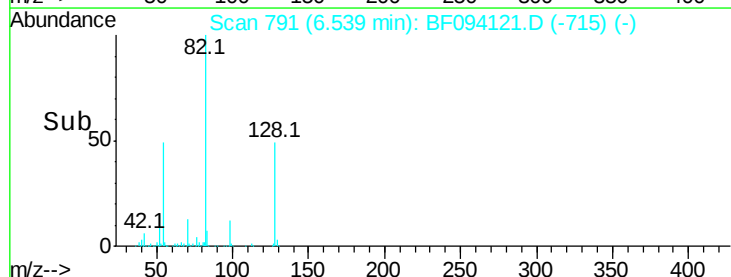
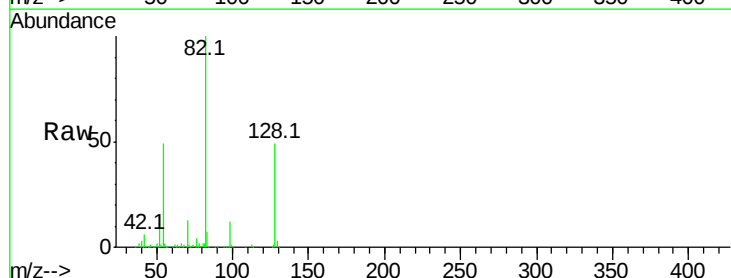
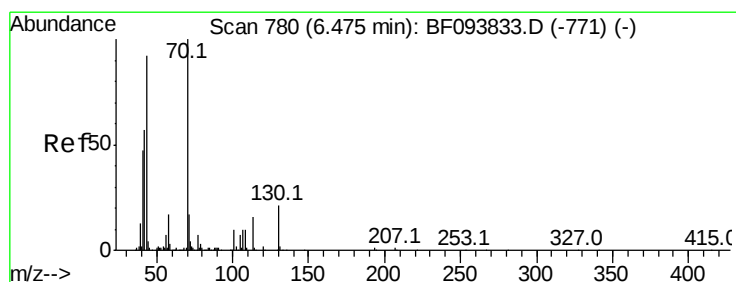
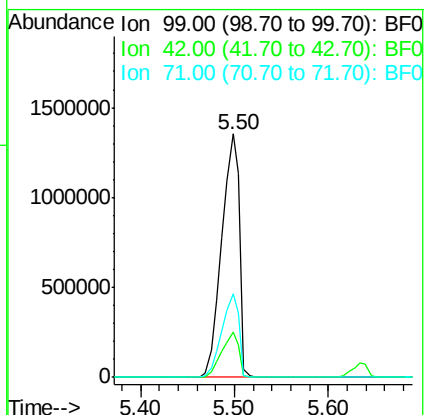
Tot Ion: 99 Resp: 1774333

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

71 34.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.47 ng

RT: 6.54 min Scan# 791

Delta R.T. 0.15 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

Tgt Ion: 70 Resp: 142784

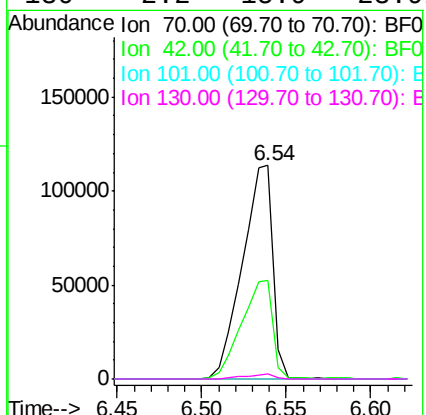
Ion Ratio Lower Upper

70 100

42 46.0 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: 7.39 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

Instrument :

BNA_F

ClientSampleId :

B-10-S3(16.5-17)

Tot Ion:136 Resp: 707257

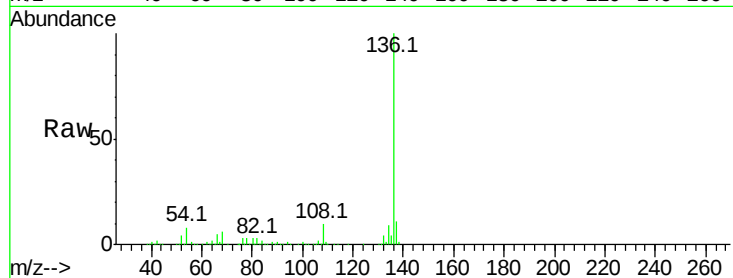
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1

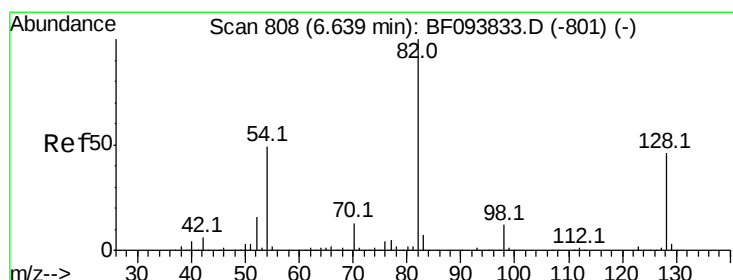
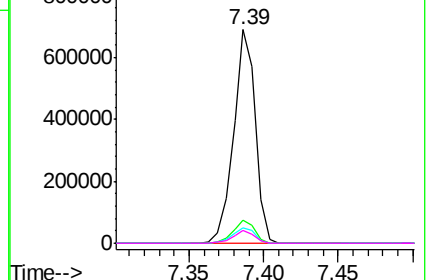
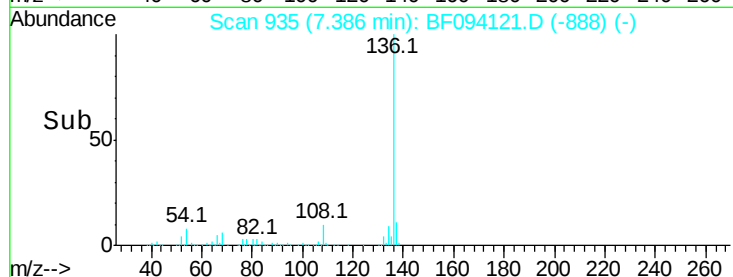


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.47 ng

RT: 6.54 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

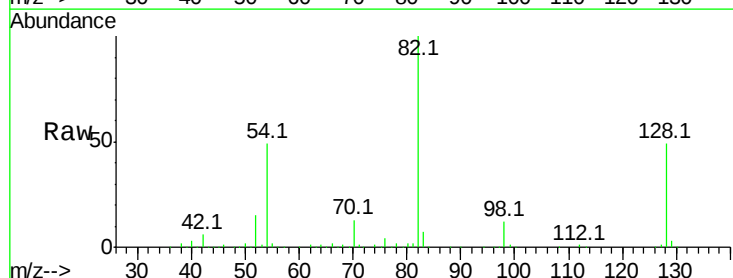
Tgt Ion: 82 Resp: 1096444

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

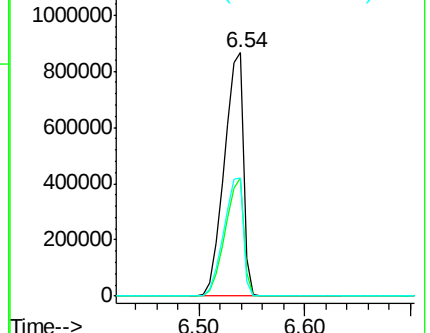
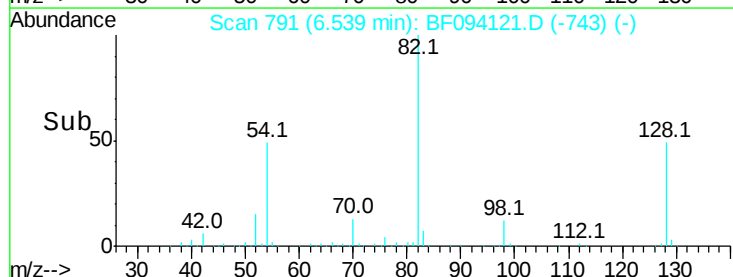
54 48.6 42.2 63.2



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: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

Instrument :

BNA_F

ClientSampleId :

B-10-S3(16.5-17)

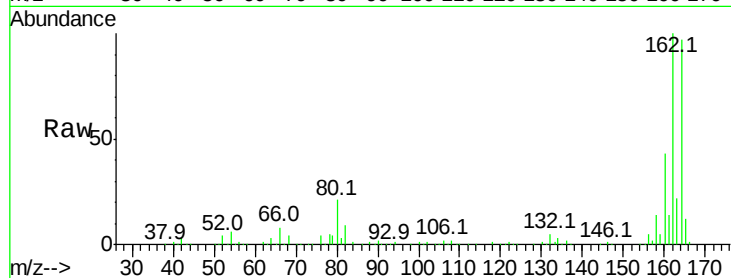
Tot Ion:164 Resp: 332788

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

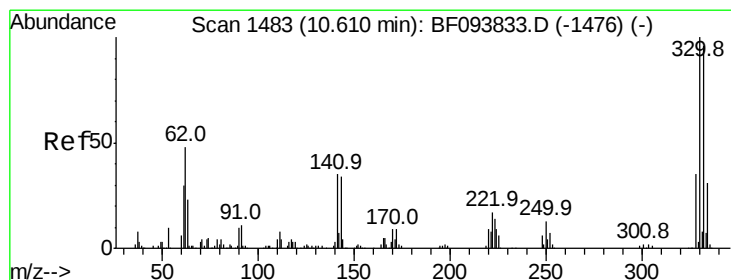
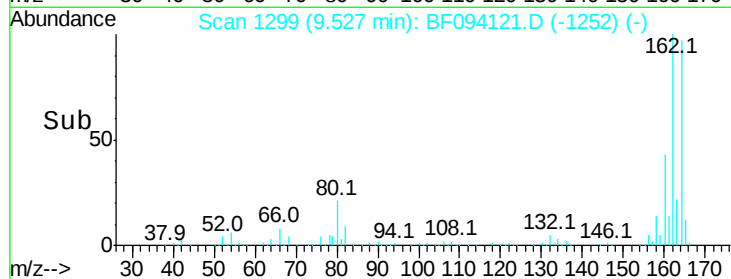
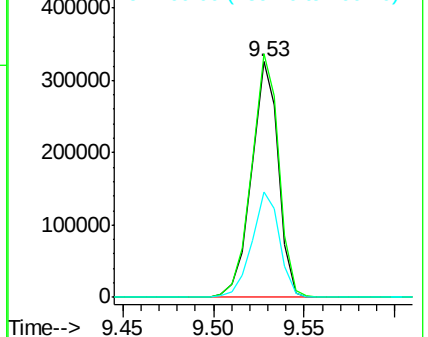
160 44.8 36.2 54.2



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: 140.63 ng

RT: 10.51 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

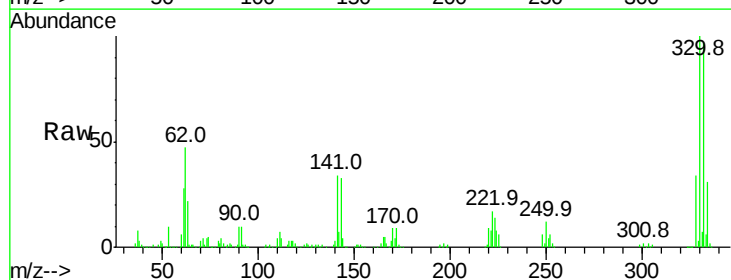
Tgt Ion:330 Resp: 369828

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

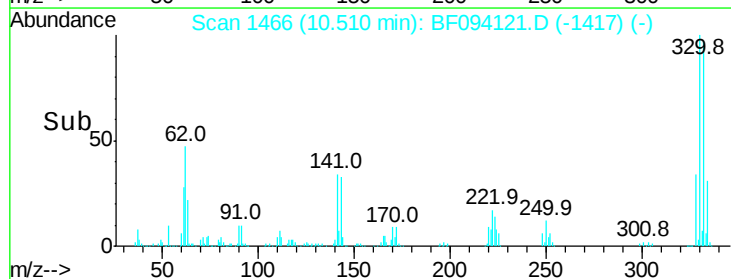
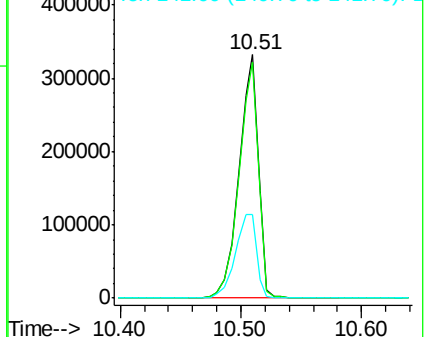
141 38.4 31.4 47.2



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



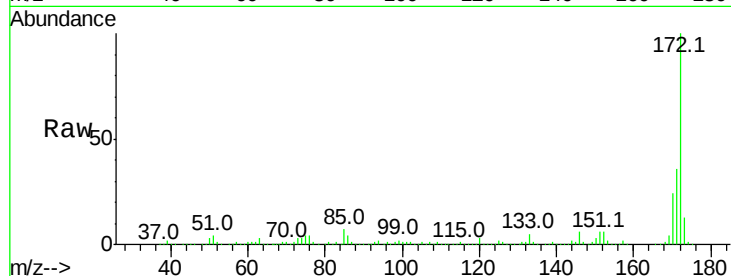


#44
 2-Fluorobiphenyl
 Concen: 86.48 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094121.D
 Acq: 3 Apr 2017 15:26

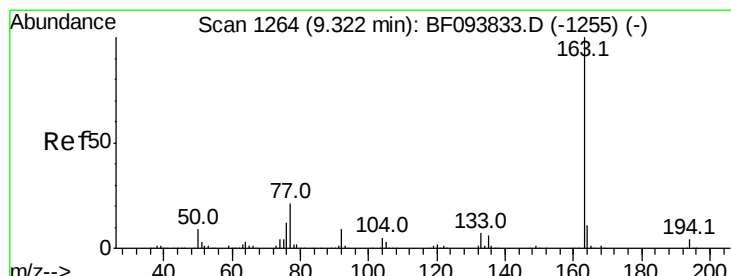
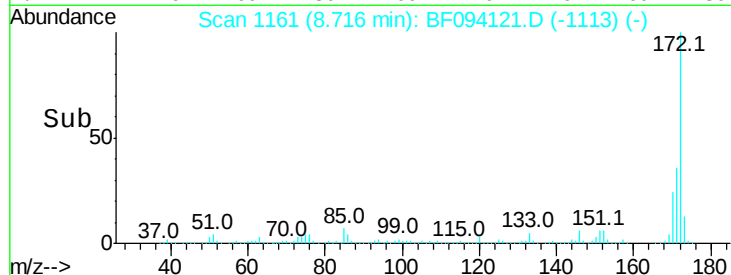
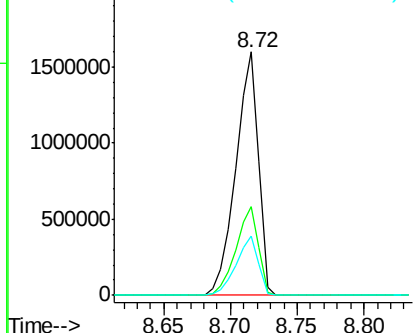
Instrument :
 BNA_F
 ClientSampleId :
 B-10-S3(16.5-17)

Tot Ion:172 Resp: 1886836

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.8	29.8



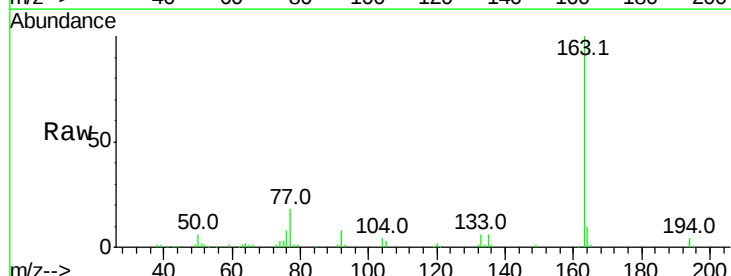
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



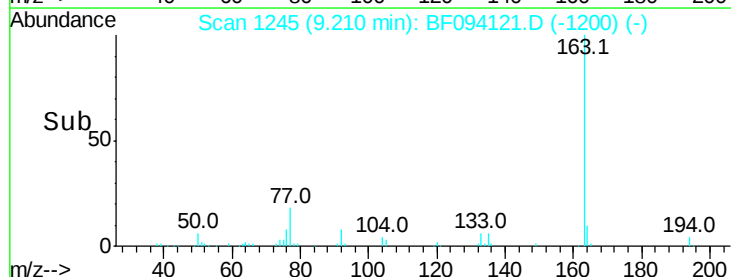
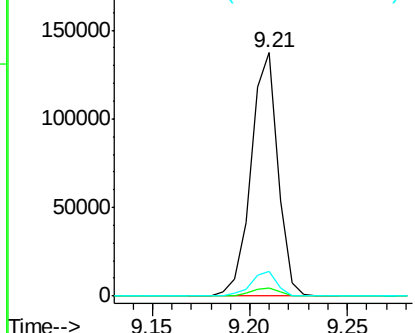
#49
 Dimethylphthalate
 Concen: 5.53 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.04 min
 Lab File: BF094121.D
 Acq: 3 Apr 2017 15:26

Tgt Ion:163 Resp: 130754

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

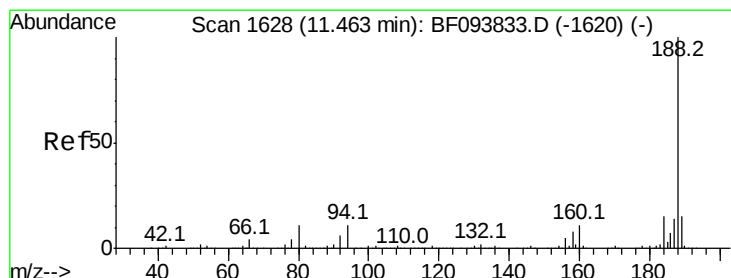
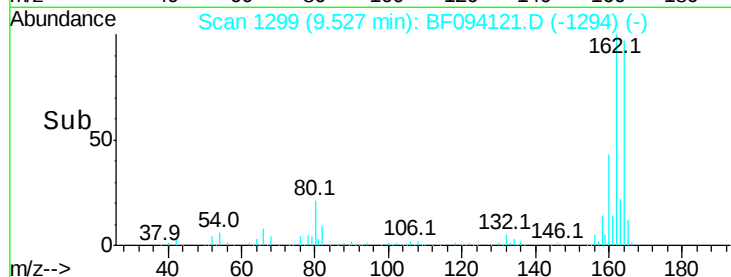
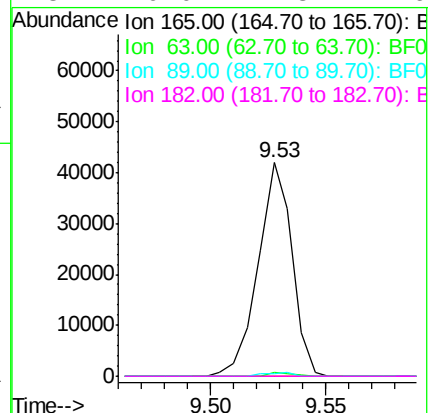
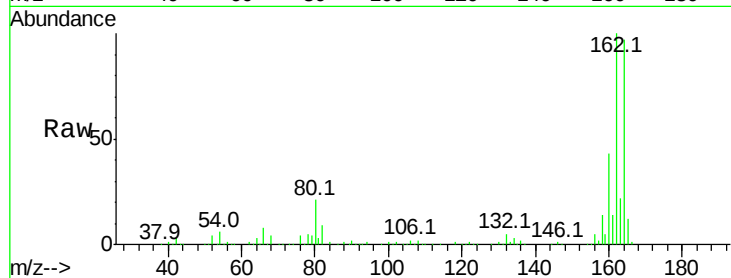




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.27 min
 Lab File: BF094121.D
 Acq: 3 Apr 2017 15:26

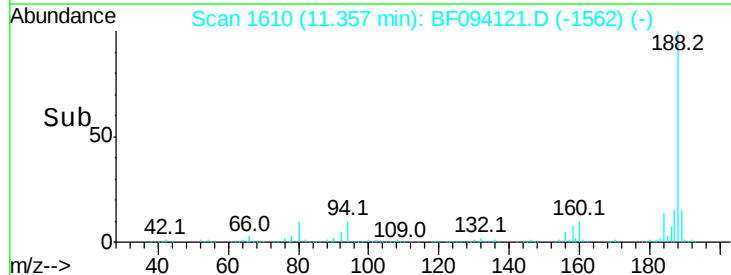
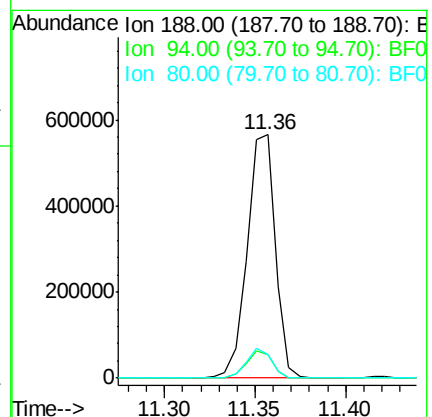
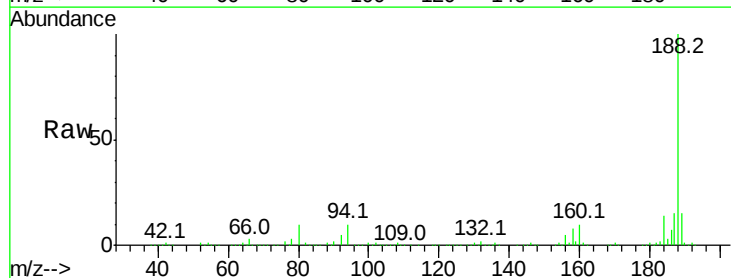
Instrument :
 BNA_F
 ClientSampleId :
 B-10-S3(16.5-17)

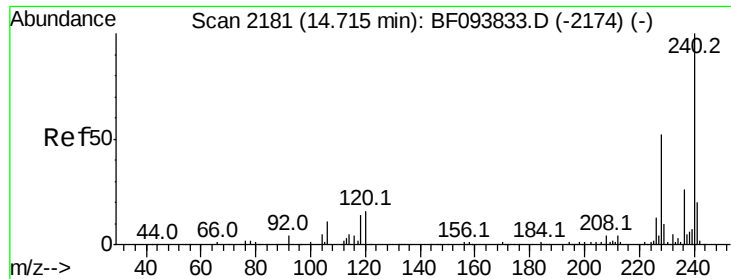
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF094121.D
 Acq: 3 Apr 2017 15:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	9.8	10.2	15.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

Instrument :

BNA_F

ClientSampleId :

B-10-S3(16.5-17)

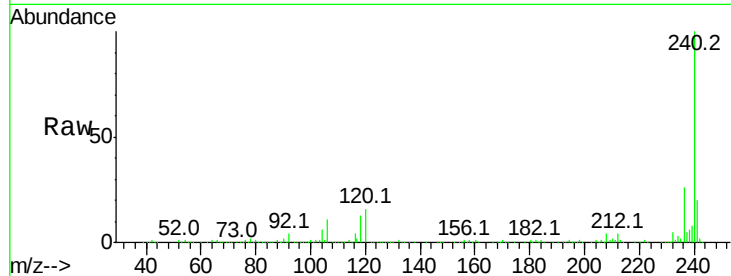
Tot Ion:240 Resp: 512279

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

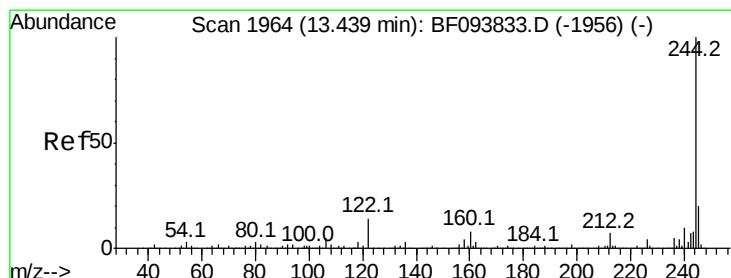
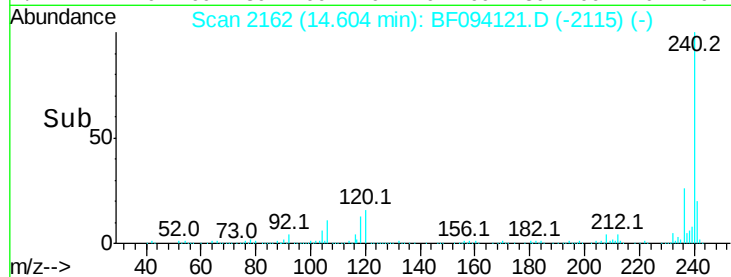
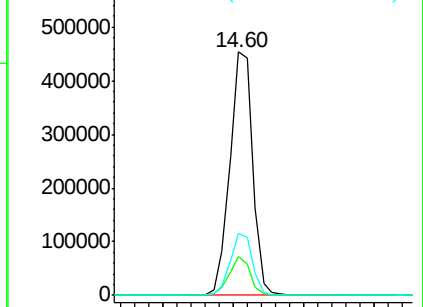
236 25.7 20.5 30.7



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: 67.34 ng

RT: 13.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BF094121.D

Acq: 3 Apr 2017 15:26

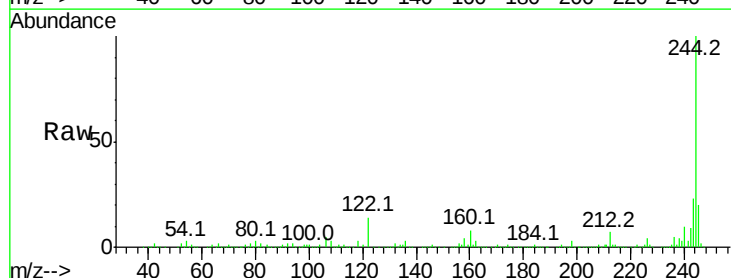
Tgt Ion:244 Resp: 1538951

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

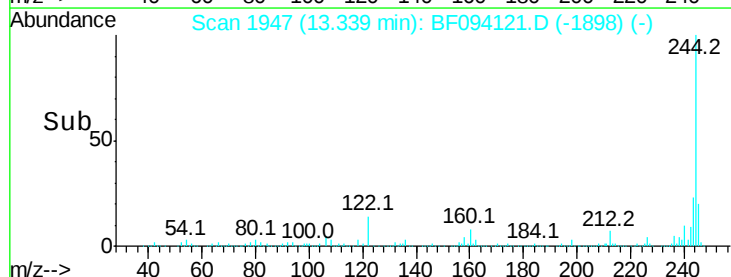
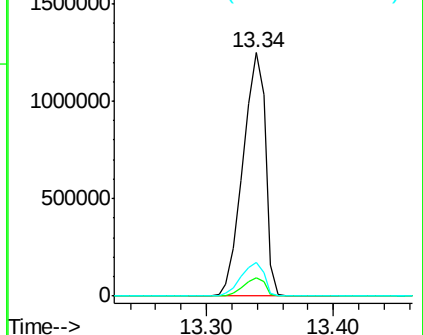
122 13.8 10.3 15.5

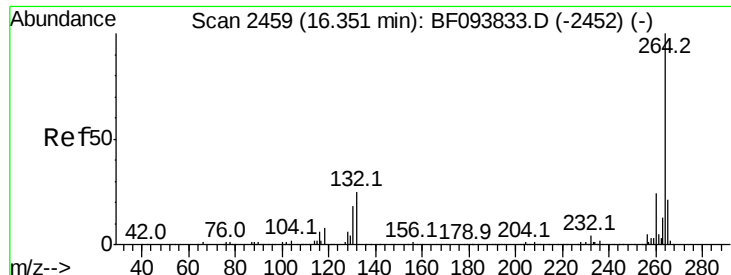


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

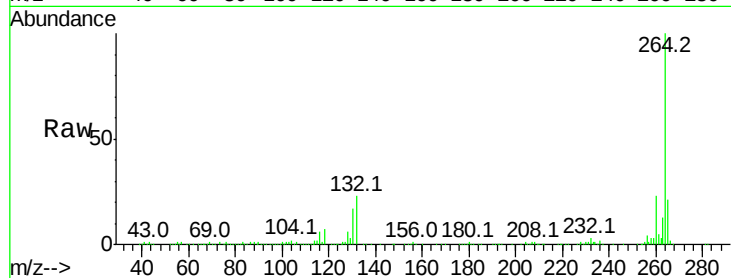




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094121.D
 Acq: 3 Apr 2017 15:26

Instrument :
 BNA_F
 ClientSampleId :
 B-10-S3(16.5-17)

Tot Ion:264 Resp: 385791
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.0 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

