

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094194.D
 Acq On : 5 Apr 2017 17:31
 Operator : SJ/MA
 Sample : I2523-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-11(0-2)

Quant Time: Apr 06 01:08:29 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

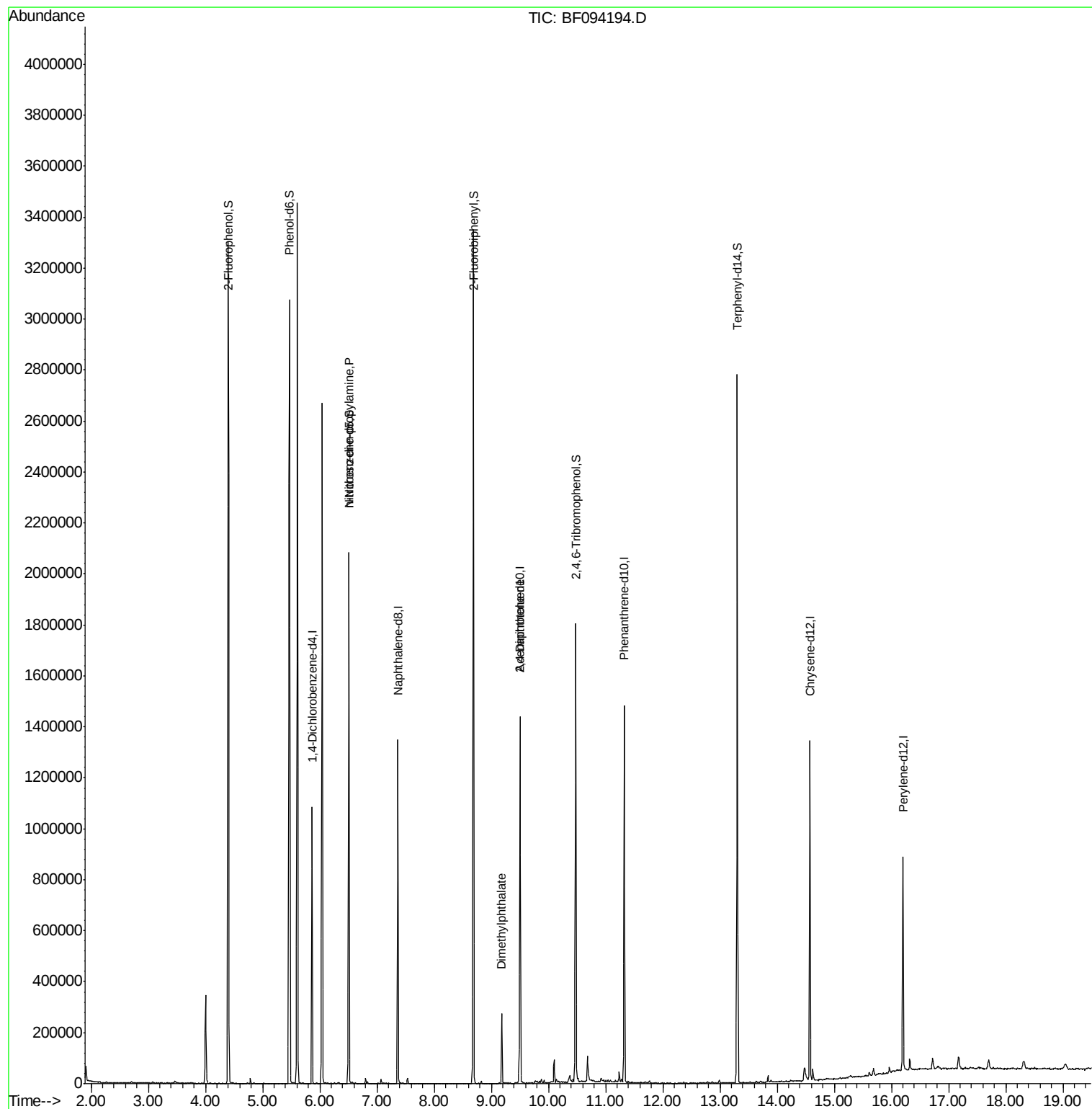
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	171231	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	682424	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	317686	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	574325	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	495723	20.00	ng	-0.05
86) Perylene-d12	16.20	264	346958	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1002664	98.90	ng	-0.04
7) Phenol-d6	5.47	99	1265049	100.87	ng	-0.04
23) Nitrobenzene-d5	6.51	82	773977	64.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	218556	87.06	ng	-0.05
44) 2-Fluorobiphenyl	8.69	172	1271453	61.04	ng	-0.05
78) Terphenyl-d14	13.30	244	1015647	45.92	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	102531	12.72	ng	# 75
49) Dimethylphthalate	9.18	163	123276	5.46	ng	98
56) 2,4-Dinitrotoluene	9.50	165	40939	6.30	ng	# 33

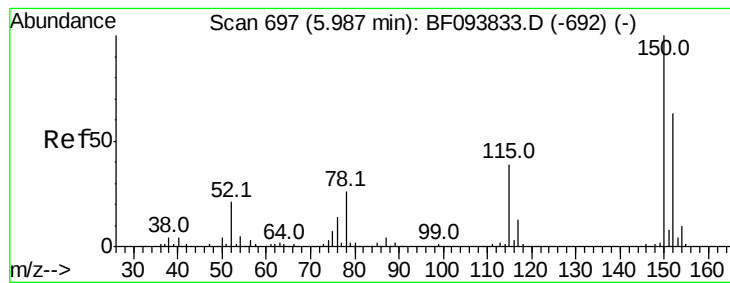
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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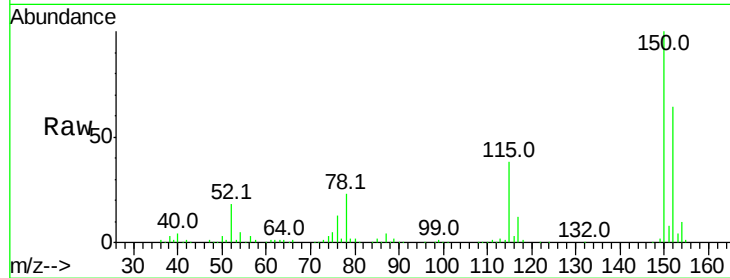


#1

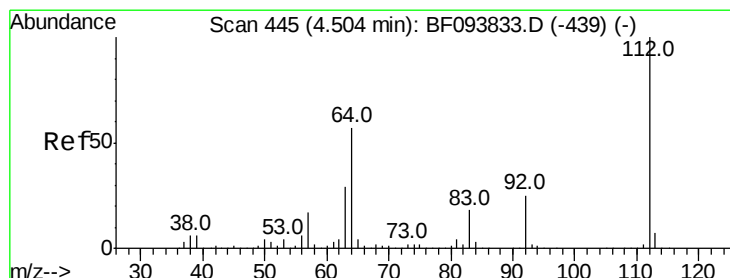
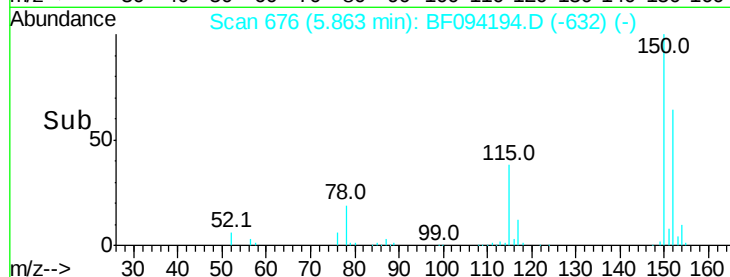
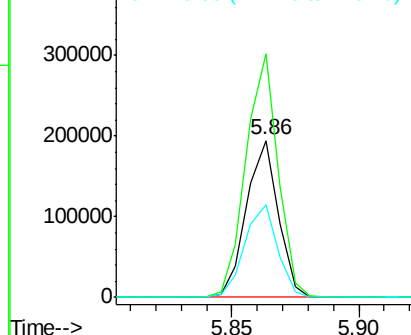
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094194.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
BASING-11(0-2)

Tot Ion:152 Resp: 171231
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.3 52.2 78.2



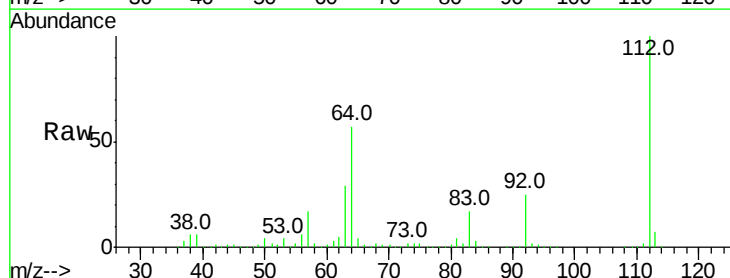
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



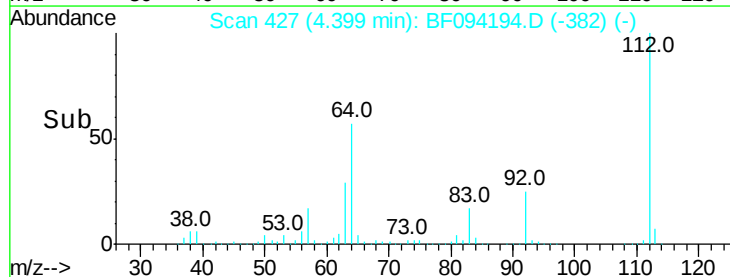
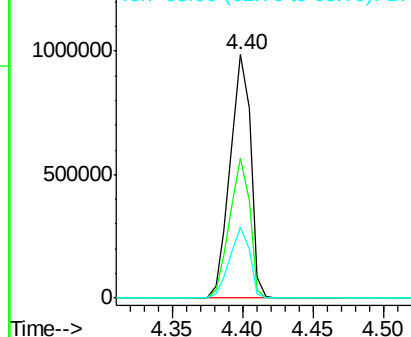
#5

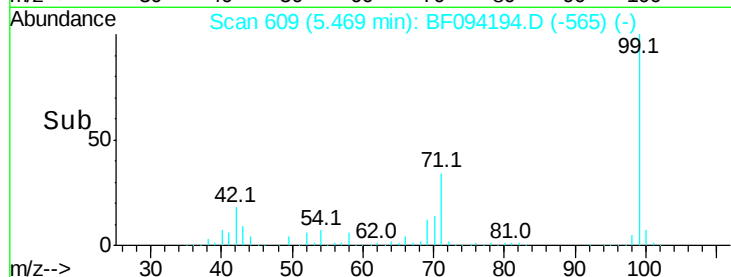
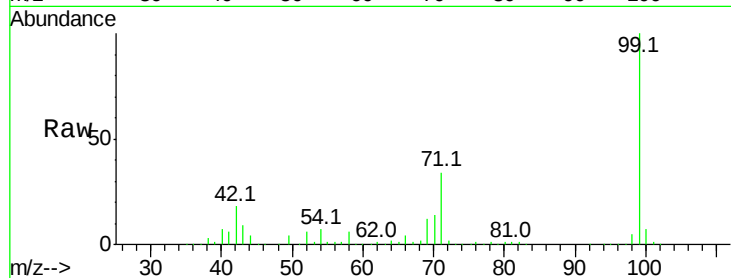
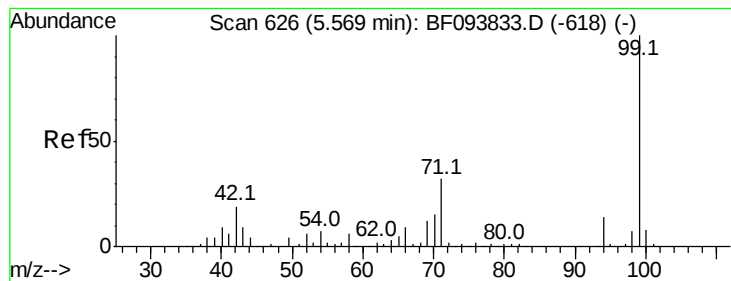
2-Fluorophenol
Concen: 98.90 ng
RT: 4.40 min Scan# 427
Delta R.T. -0.04 min
Lab File: BF094194.D
Acq: 5 Apr 2017 17:31

Tgt Ion:112 Resp: 1002664
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 29.1 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: 100.87 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.04 min

Lab File: BF094194.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

BASING-11(0-2)

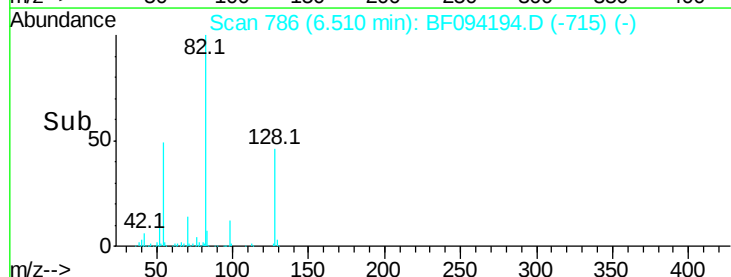
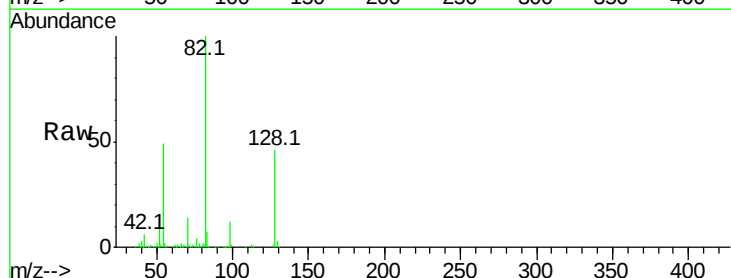
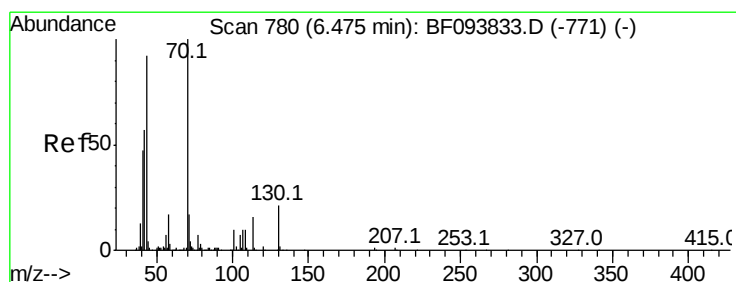
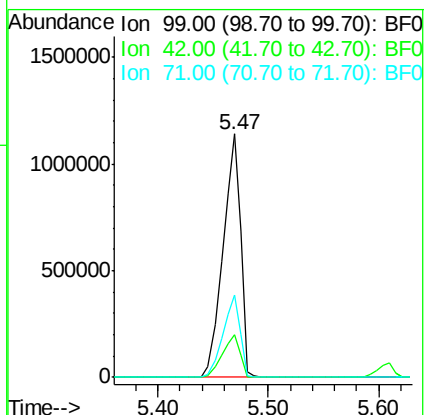
Tot Ion: 99 Resp: 1265049

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 33.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.72 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.12 min

Lab File: BF094194.D

Acq: 5 Apr 2017 17:31

Tgt Ion: 70 Resp: 102531

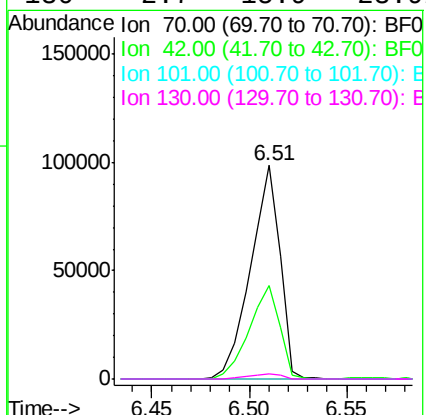
Ion Ratio Lower Upper

70 100

42 43.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

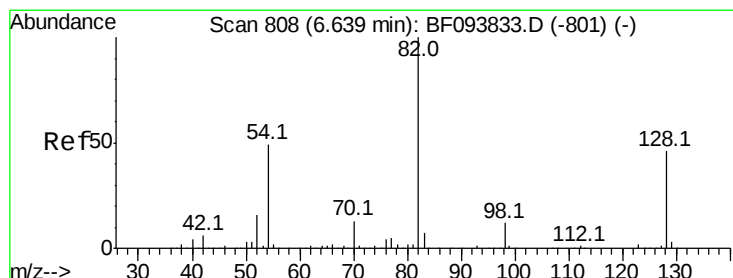
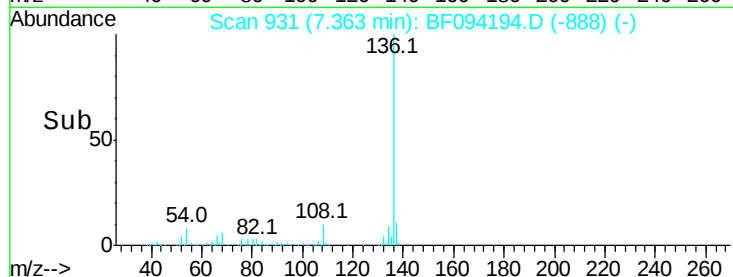
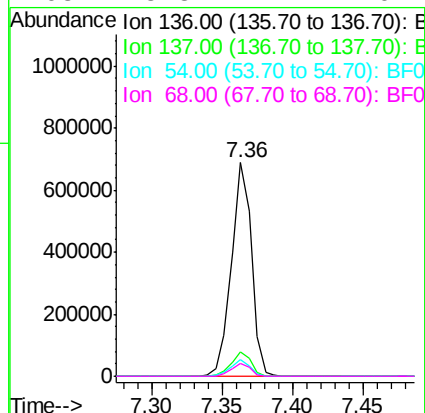
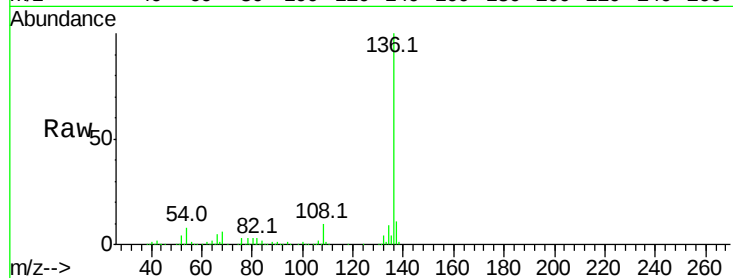




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 931
Delta R.T. -0.05 min
Lab File: BF094194.D
Acq: 5 Apr 2017 17:31

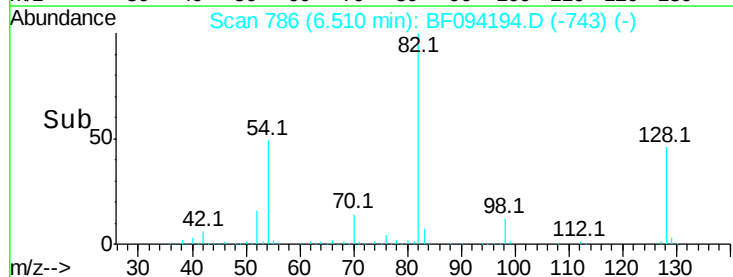
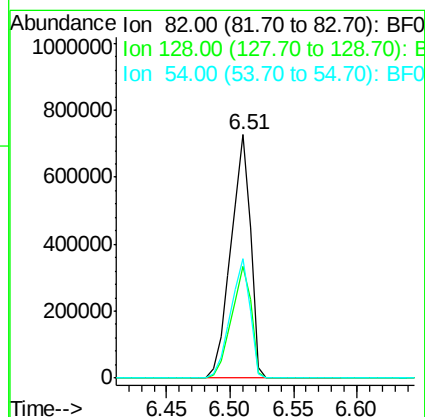
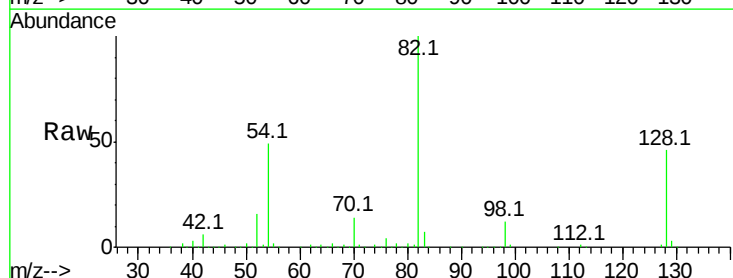
Instrument :
BNA_F
ClientSampleId :
BASING-11(0-2)

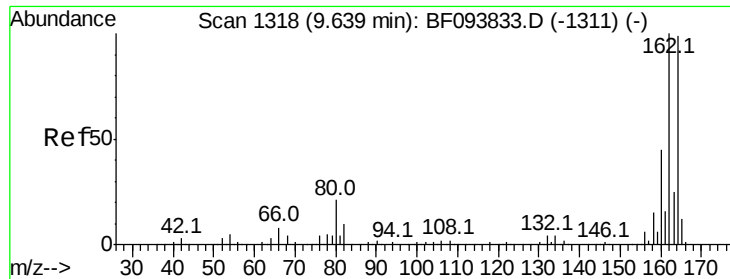
Tot Ion:	136	Resp:	682424
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.8	4.9	7.3#
68	5.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 64.72 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF094194.D
Acq: 5 Apr 2017 17:31

Tgt Ion:	82	Resp:	773977
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	49.2	42.2	63.2

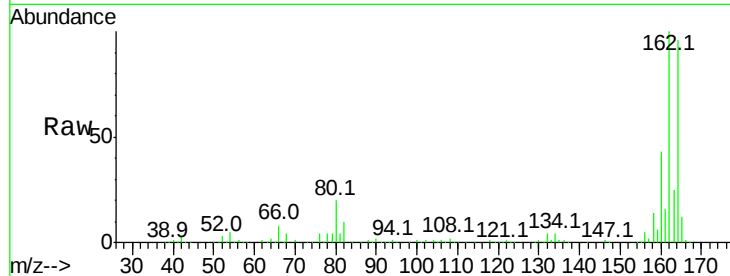




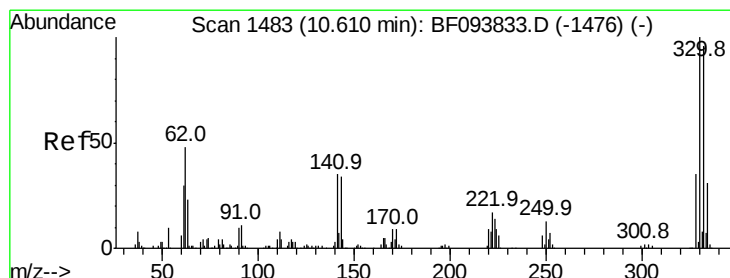
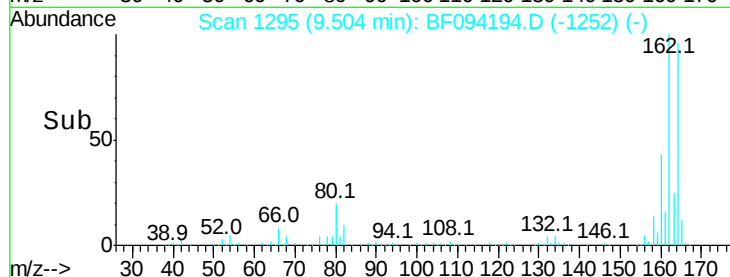
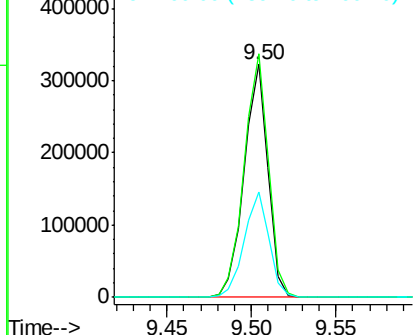
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094194.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 BASING-11(0-2)

Tot Ion:164 Resp: 317686
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 45.0 36.2 54.2

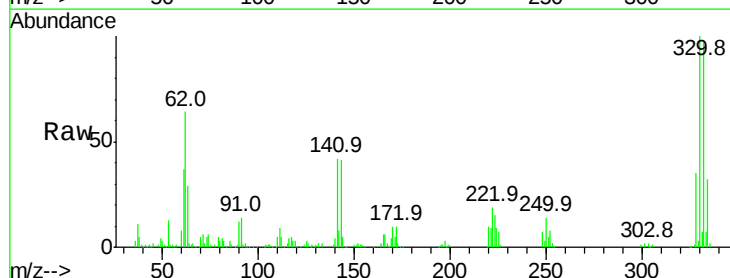


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

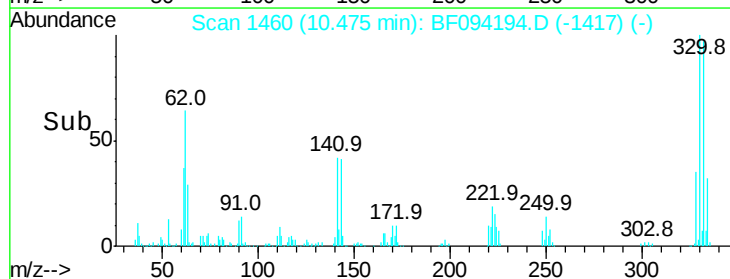
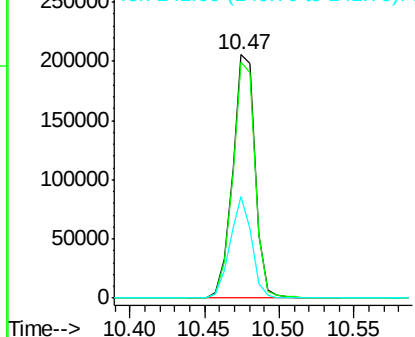


#41
 2,4,6-Tribromophenol
 Concen: 87.06 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.05 min
 Lab File: BF094194.D
 Acq: 5 Apr 2017 17:31

Tgt Ion:330 Resp: 218556
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 40.0 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

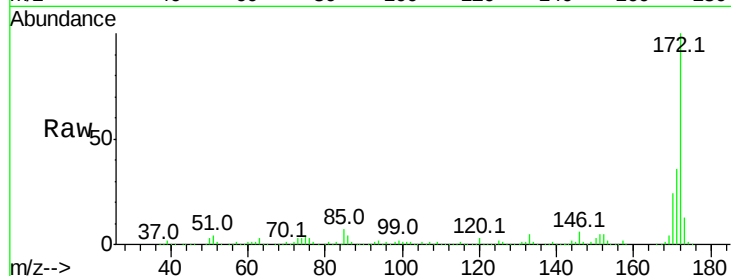




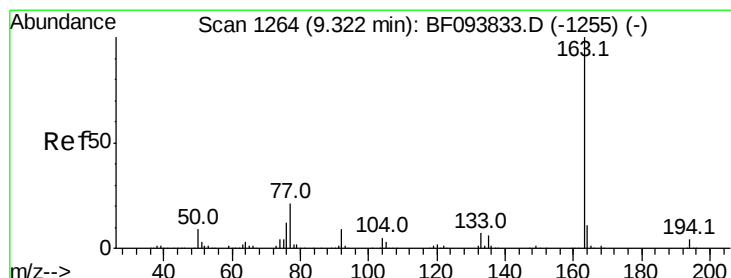
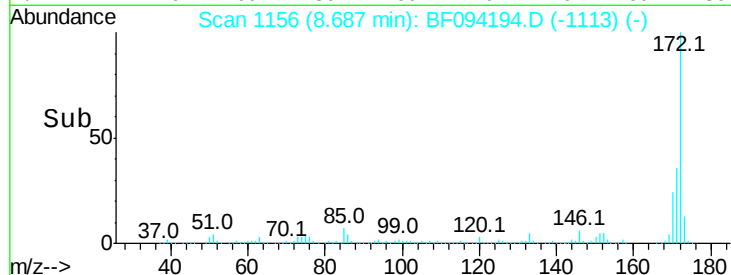
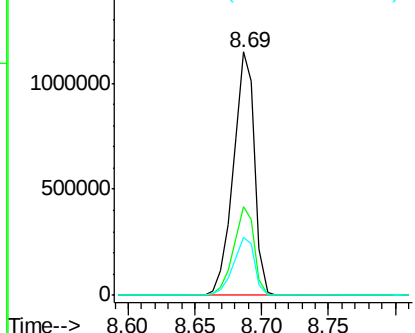
#44
2-Fluorobiphenyl
Concen: 61.04 ng
RT: 8.69 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BF094194.D
Acq: 5 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
BASING-11(0-2)

Tot Ion:172 Resp: 1271453
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 19.8 29.8

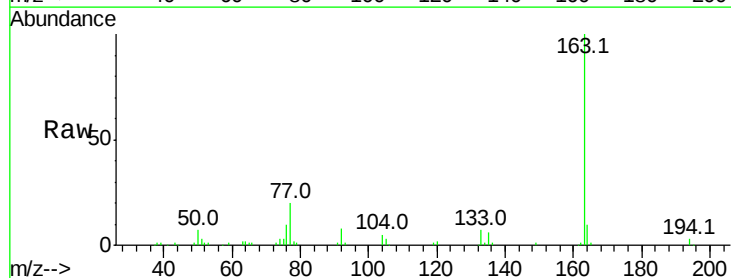


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

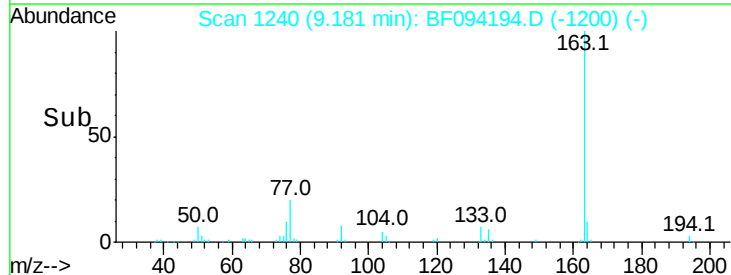
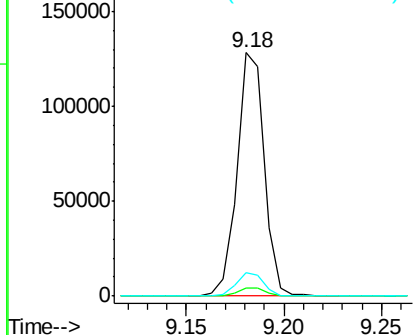


#49
Dimethylphthalate
Concen: 5.46 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.06 min
Lab File: BF094194.D
Acq: 5 Apr 2017 17:31

Tgt Ion:163 Resp: 123276
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 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

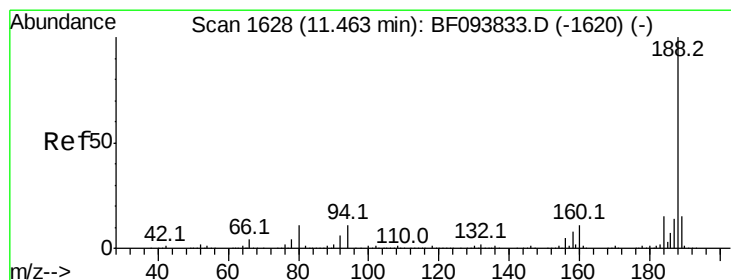
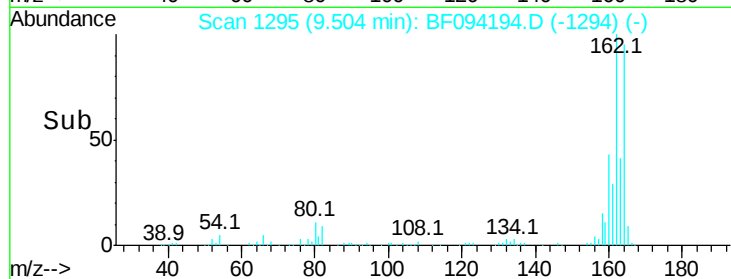
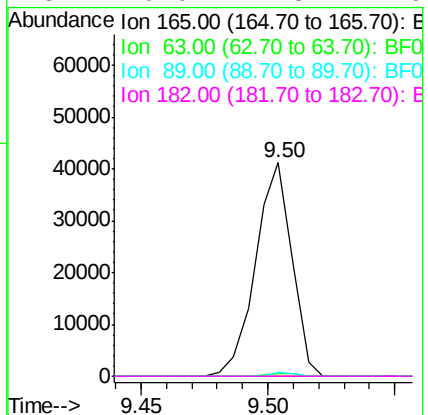
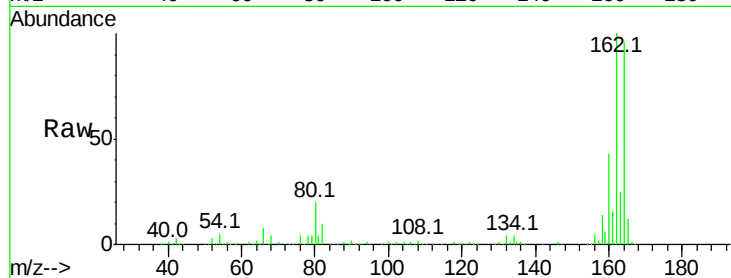




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.29 min
 Lab File: BF094194.D
 Acq: 5 Apr 2017 17:31

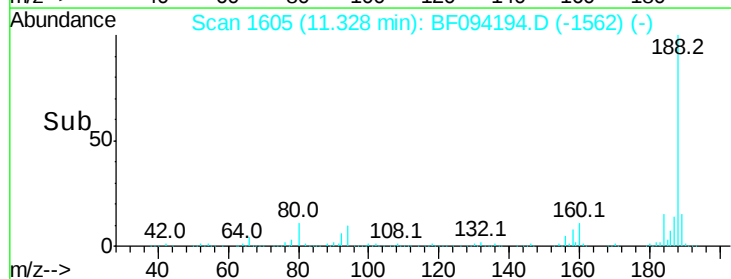
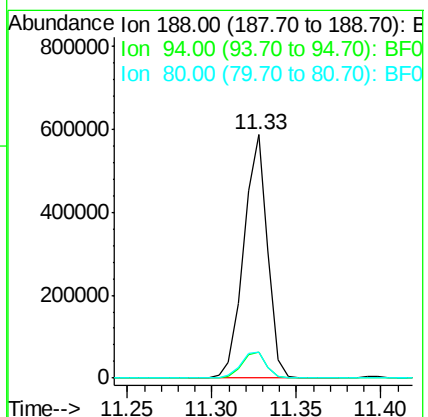
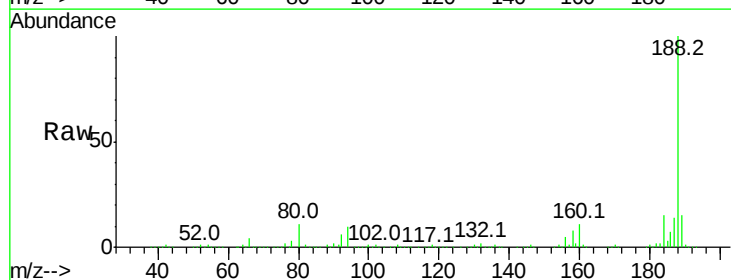
Instrument :
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 BASING-11(0-2)

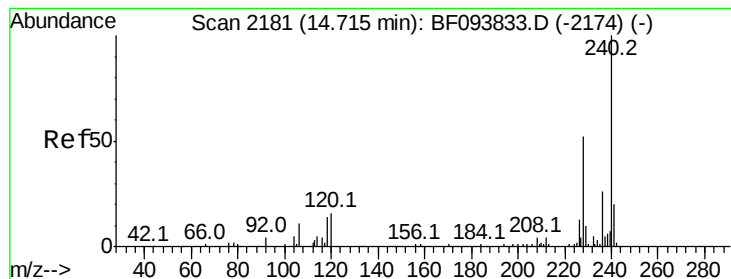
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF094194.D
 Acq: 5 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094194.D

Acq: 5 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

BASING-11(0-2)

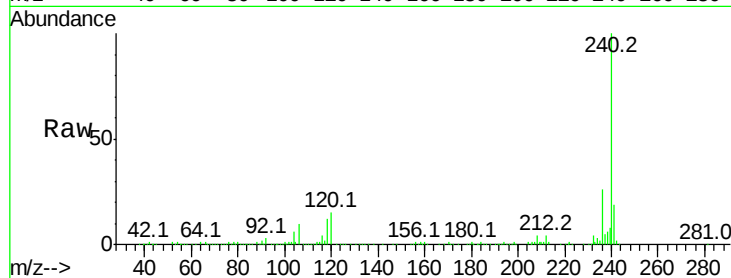
Tot Ion:240 Resp: 495723

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

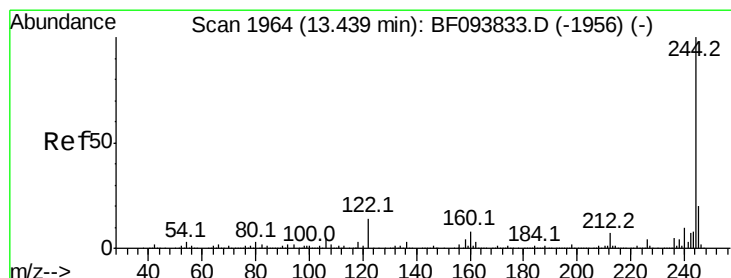
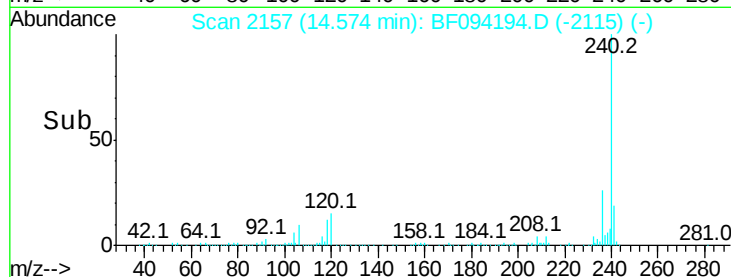
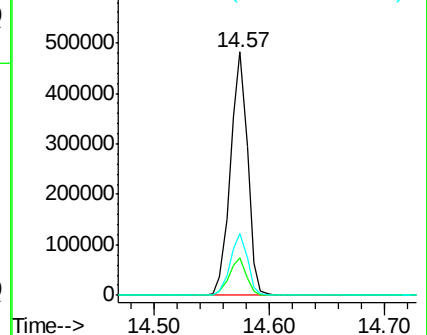
236 25.6 20.5 30.7



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: 45.92 ng

RT: 13.30 min Scan# 1941

Delta R.T. -0.05 min

Lab File: BF094194.D

Acq: 5 Apr 2017 17:31

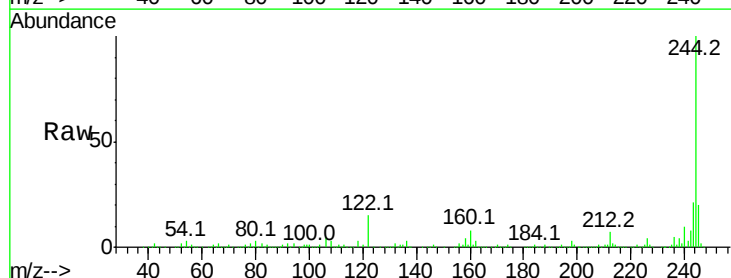
Tgt Ion:244 Resp: 1015647

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

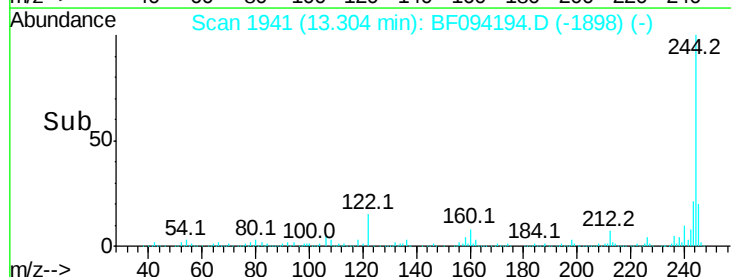
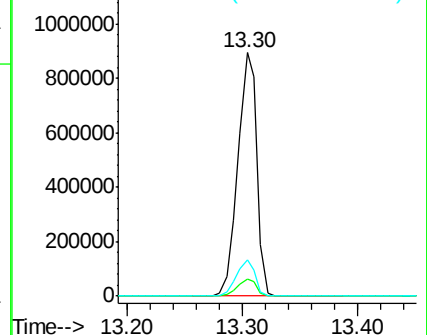
122 14.8 10.3 15.5

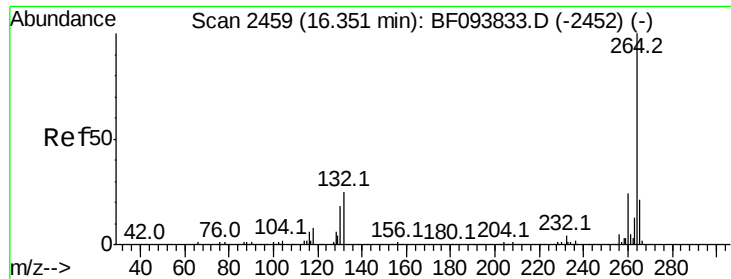


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094194.D
 Acq: 5 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 BASING-11(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.1	17.2	25.8

