

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094207.D
 Acq On : 5 Apr 2017 23:29
 Operator : SJ/MA
 Sample : I2522-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-3(0-2)

Quant Time: Apr 06 01:11:11 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

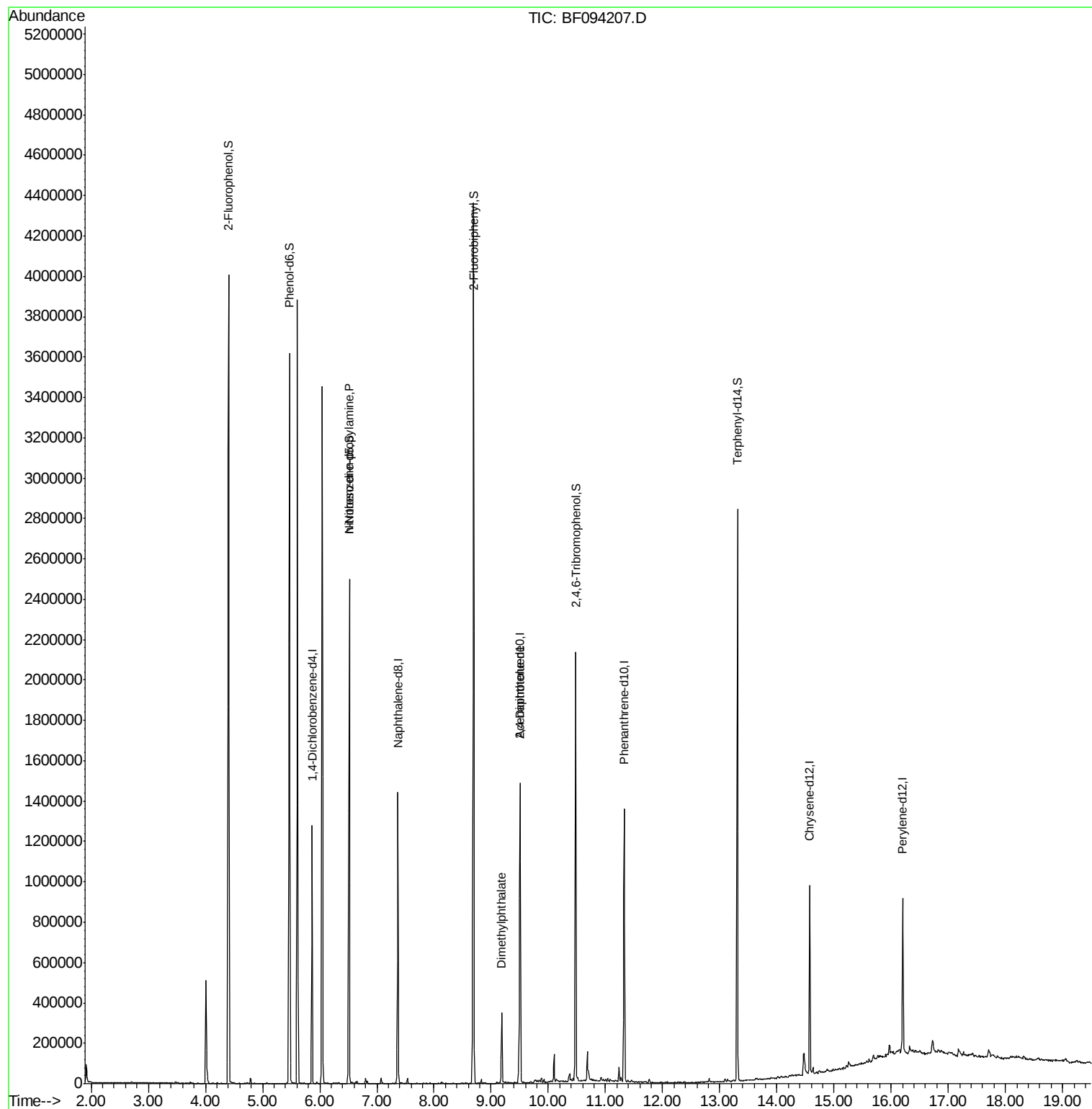
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	191118	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	753360	20.00	ng	-0.04
38) Acenaphthene-d10	9.50	164	318054	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	502497	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	356182	20.00	ng	-0.05
86) Perylene-d12	16.20	264	300234	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1244760	110.01	ng	-0.03
7) Phenol-d6	5.47	99	1581190	112.96	ng	-0.04
23) Nitrobenzene-d5	6.52	82	978389	74.12	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	275754	109.72	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1621178	77.75	ng	-0.04
78) Terphenyl-d14	13.31	244	1001298	63.01	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	130541	14.51	ng	# 75
49) Dimethylphthalate	9.19	163	156855	6.94	ng	99
56) 2,4-Dinitrotoluene	9.50	165	40656	6.24	ng	# 33

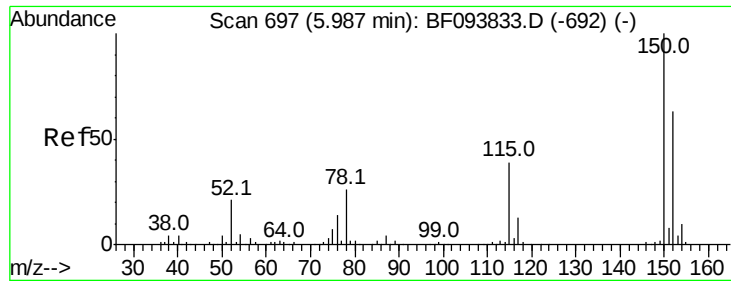
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094207.D

Acq: 5 Apr 2017 23:29

Instrument :

BNA_F

ClientSampleId :

BASING-3(0-2)

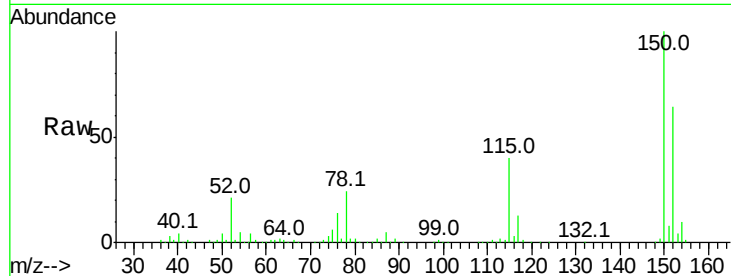
Tot Ion:152 Resp: 191118

Ion Ratio Lower Upper

152 100

150 157.2 126.2 189.2

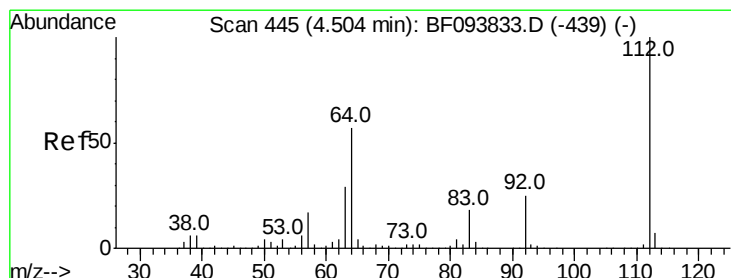
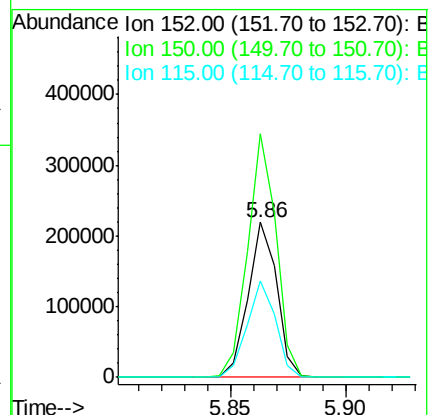
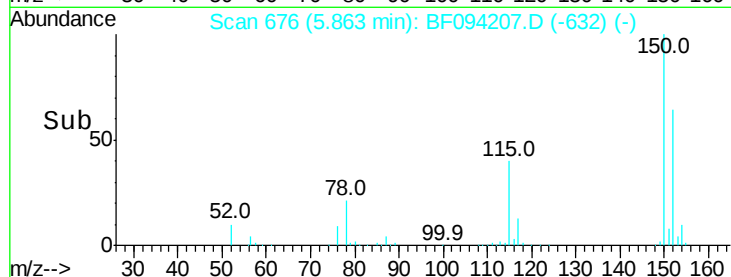
115 62.5 52.2 78.2



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: 110.01 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

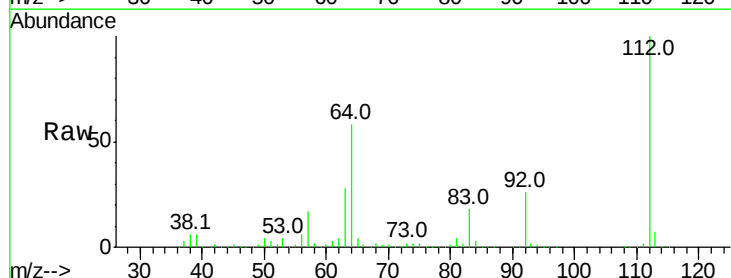
Tgt Ion:112 Resp: 1244760

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

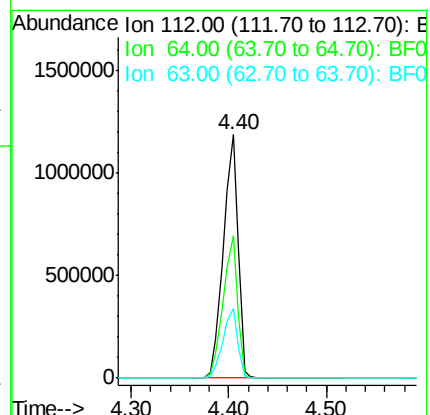
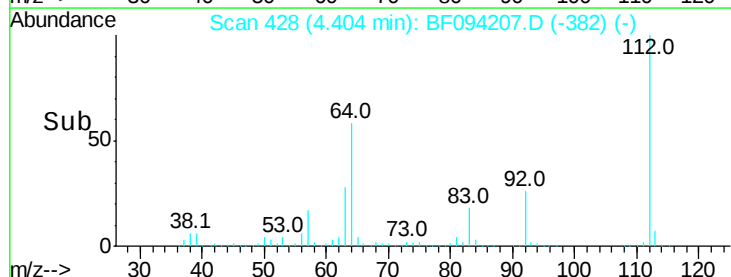
63 28.4 23.4 35.0

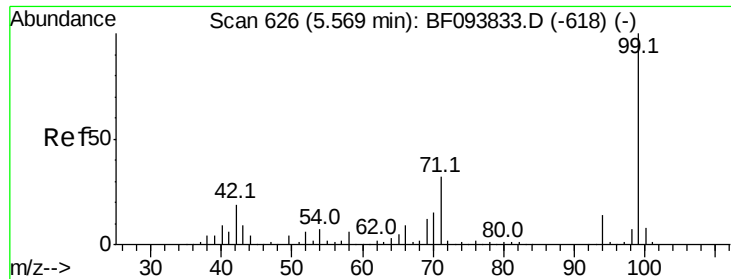


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.96 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

Instrument :

BNA_F

ClientSampleId :

BASING-3(0-2)

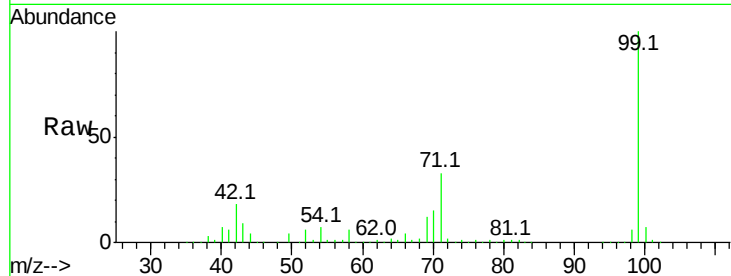
Tot Ion: 99 Resp: 1581190

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

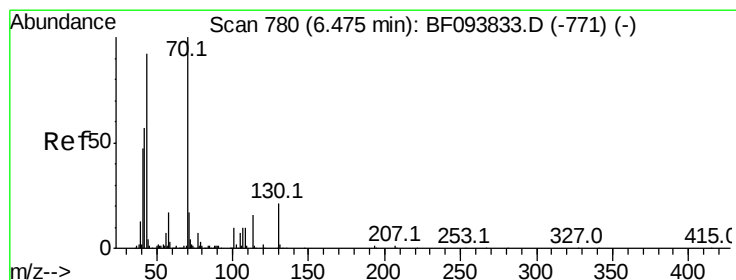
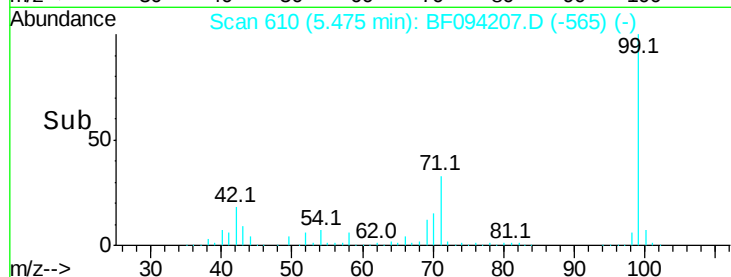
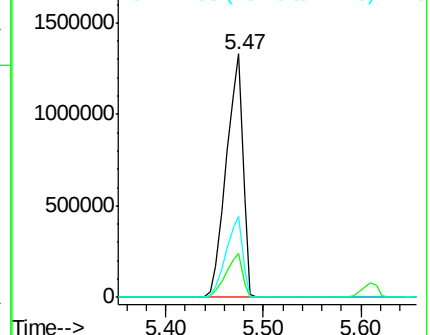
71 33.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.51 ng

RT: 6.52 min Scan# 787

Delta R.T. 0.12 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

Tgt Ion: 70 Resp: 130541

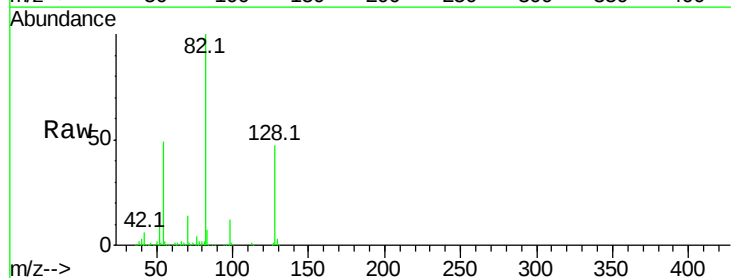
Ion Ratio Lower Upper

70 100

42 43.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

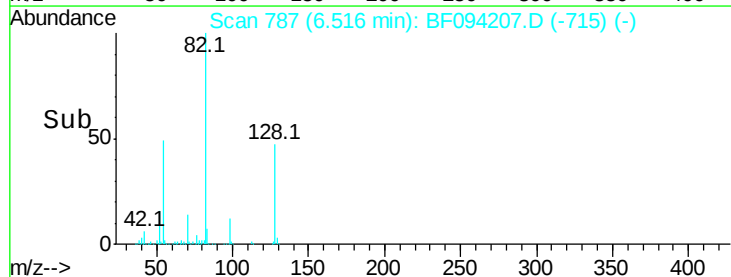
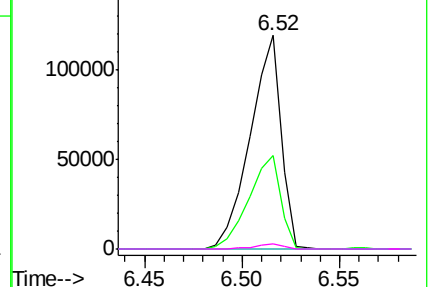


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.04 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

Instrument :

BNA_F

ClientSampleId :

BASING-3(0-2)

Tot Ion:136 Resp: 753360

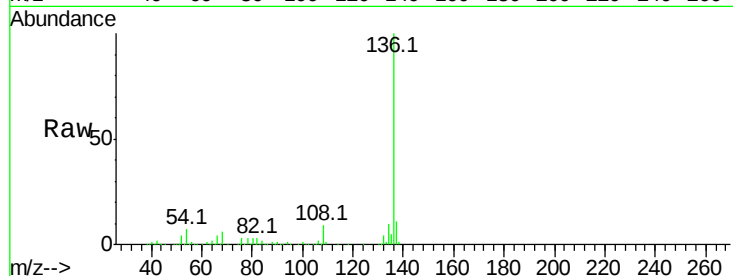
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.8 4.1 6.1

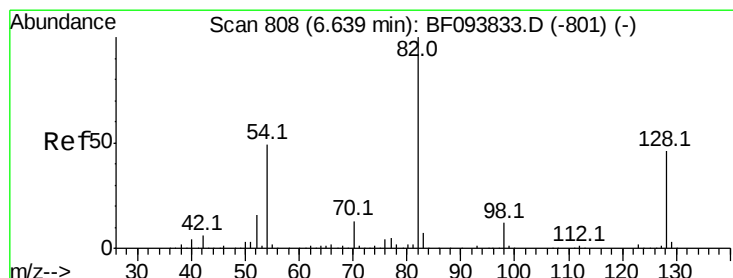
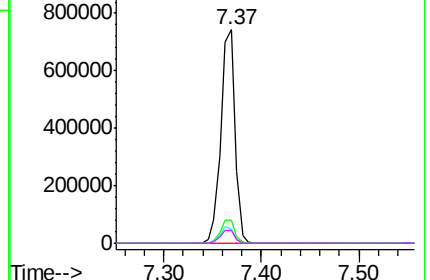
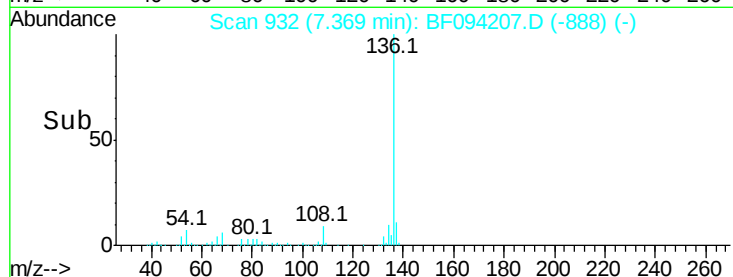


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.12 ng

RT: 6.52 min Scan# 787

Delta R.T. -0.04 min

Lab File: BF094207.D

Acq: 5 Apr 2017 23:29

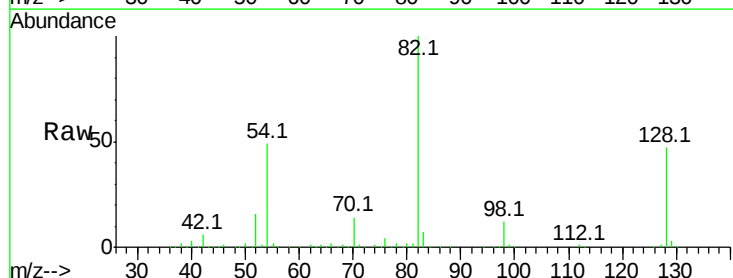
Tgt Ion: 82 Resp: 978389

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

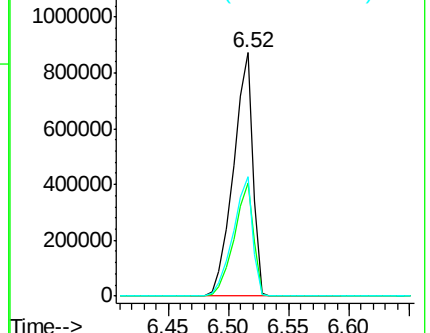
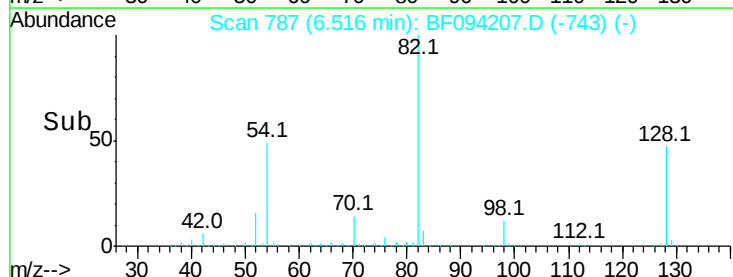
54 48.9 42.2 63.2



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

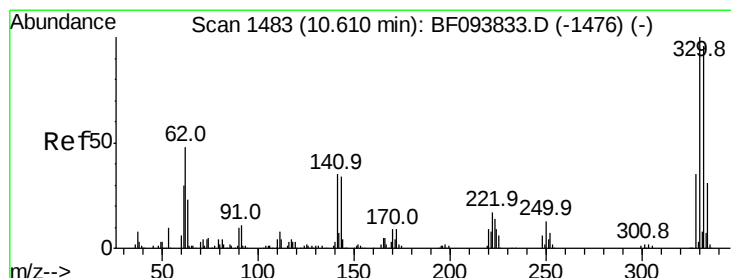
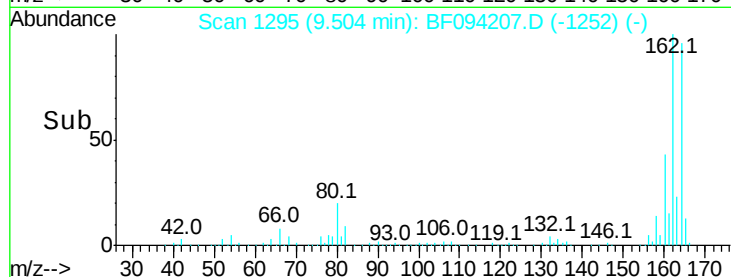
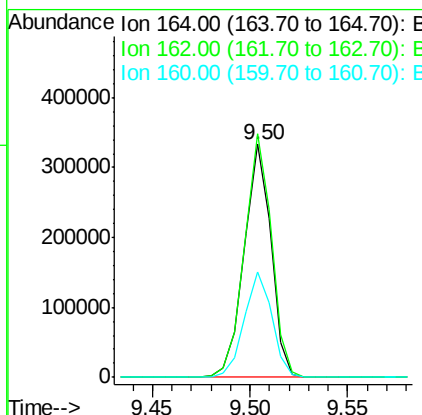
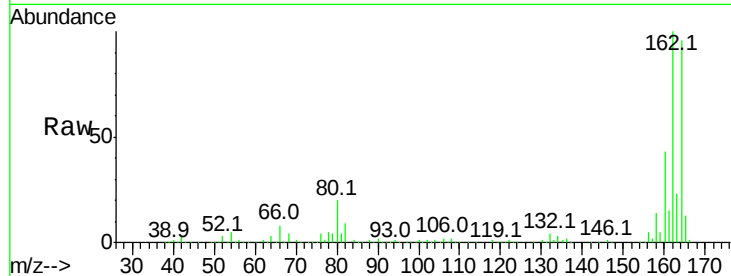




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

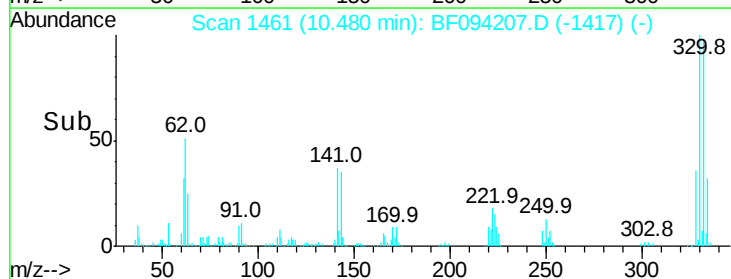
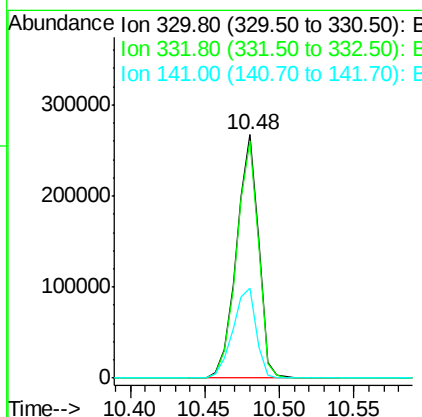
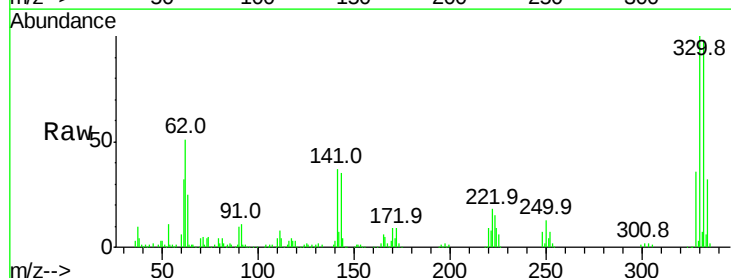
Instrument :
 BNA_F
 ClientSampleId :
 BASING-3(0-2)

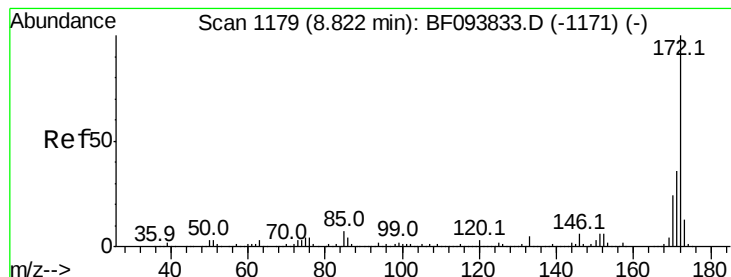
Tot Ion:164 Resp: 318054
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 109.72 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

Tgt Ion:330 Resp: 275754
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.6 31.4 47.2



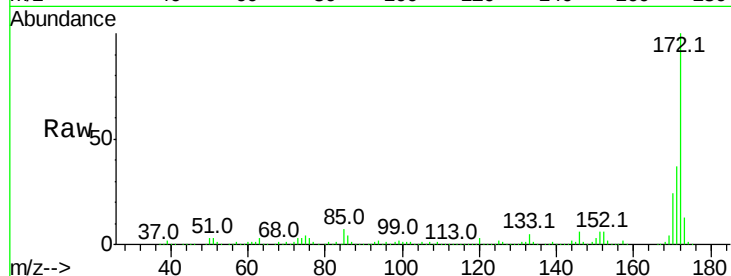


#44
 2-Fluorobiphenyl
 Concen: 77.75 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

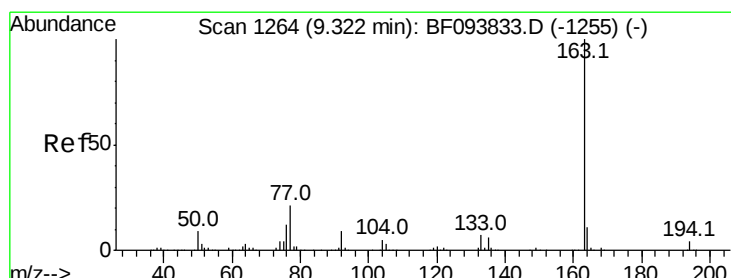
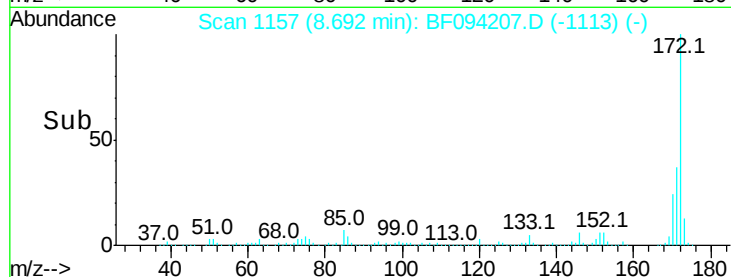
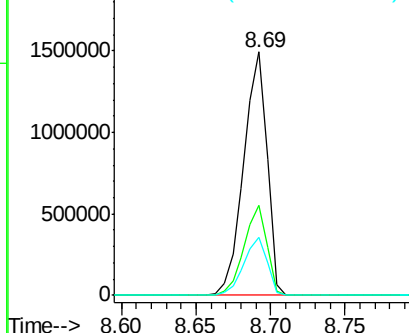
Instrument :
 BNA_F
 ClientSampleId :
 BASING-3(0-2)

Tot Ion:172 Resp: 1621178

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.1	19.8	29.8



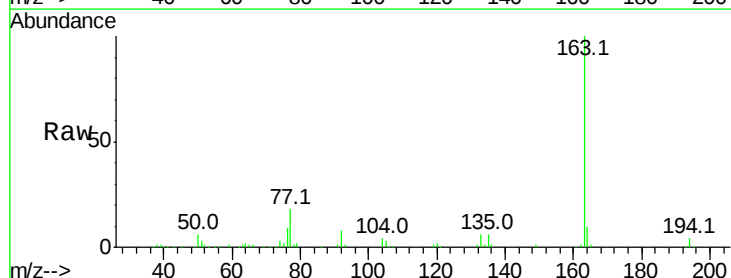
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



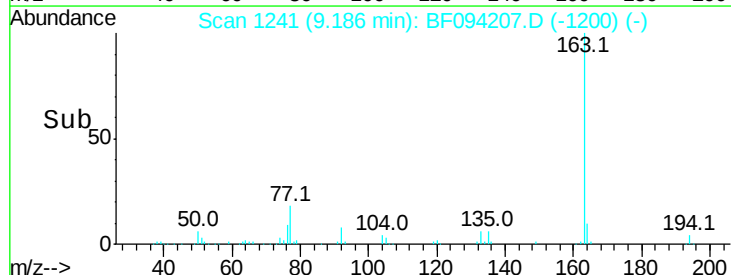
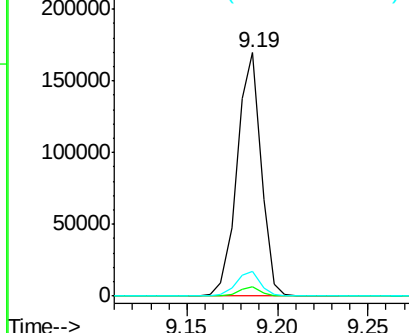
#49
 Dimethylphthalate
 Concen: 6.94 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.06 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

Tgt Ion:163 Resp: 156855

Ion	Ratio	Lower	Upper
163	100		
194	3.8	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

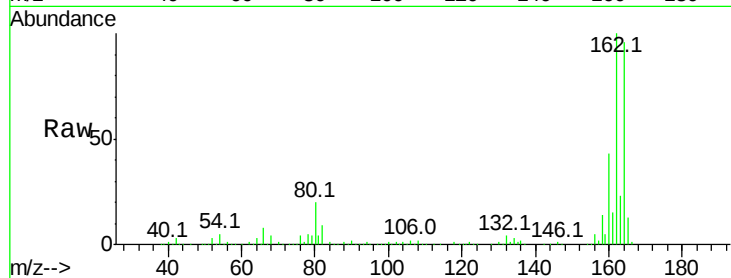




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.29 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

Instrument :
 BNA_F
 ClientSampleId :
 BASING-3(0-2)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

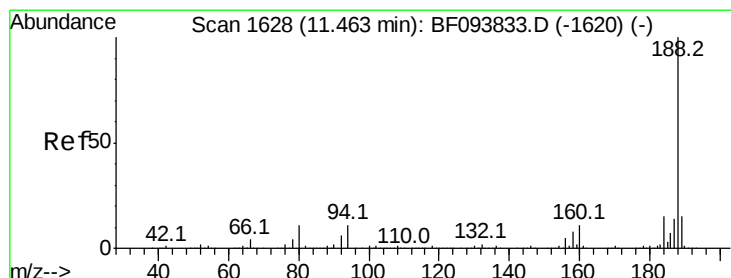
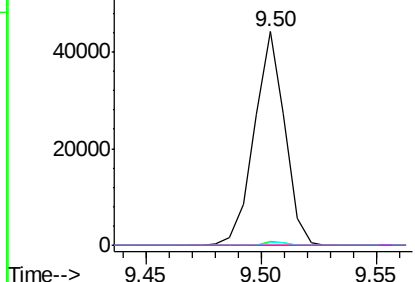
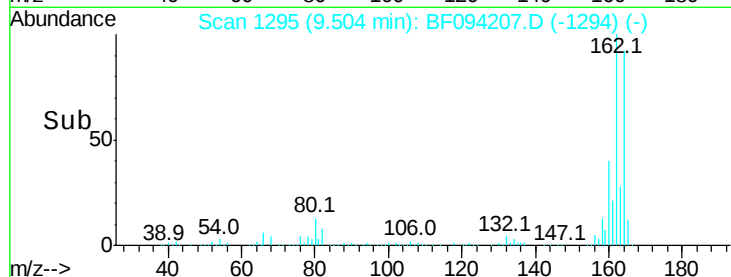


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

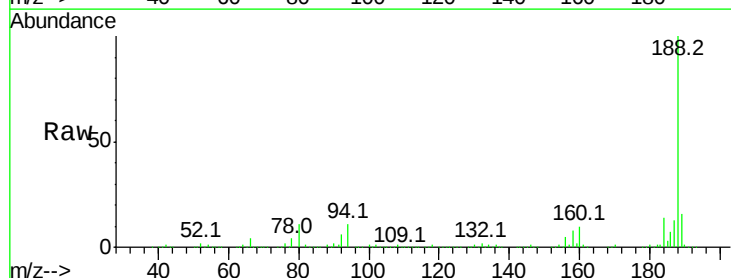
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

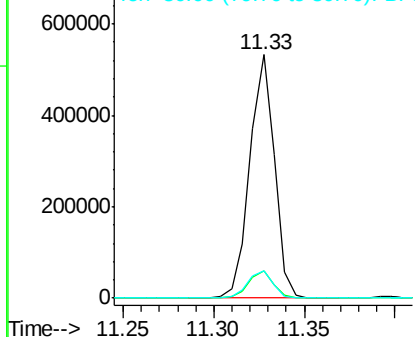
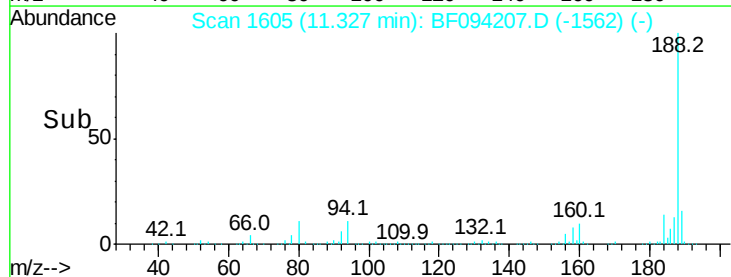
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.5	10.2	15.2

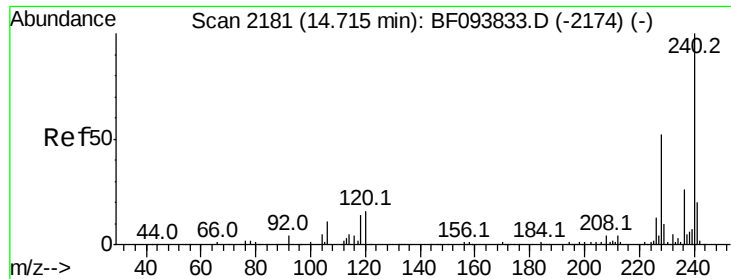


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

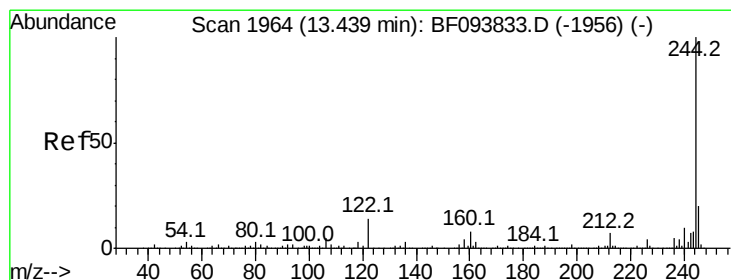
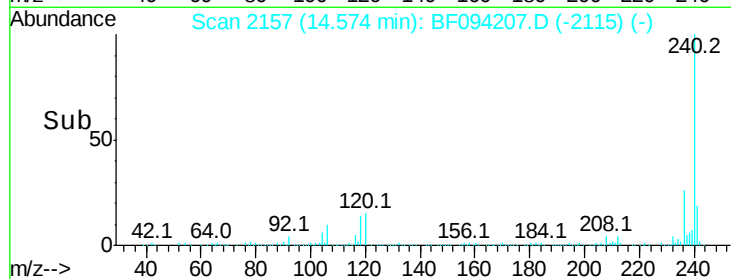
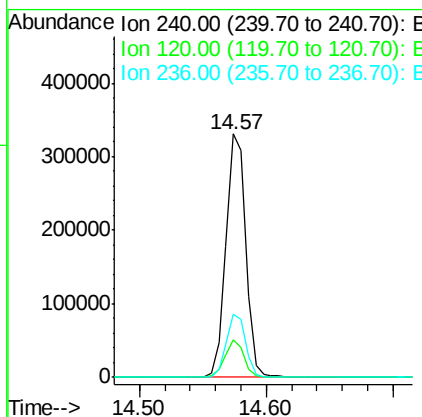
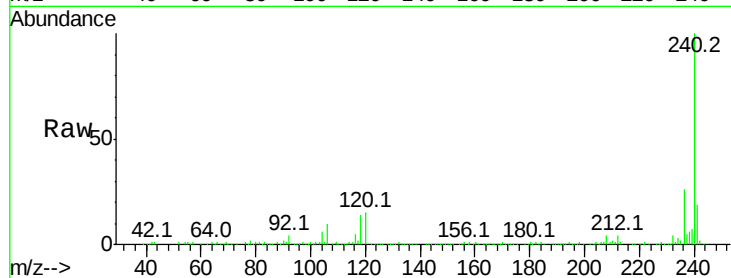




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. -0.05 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

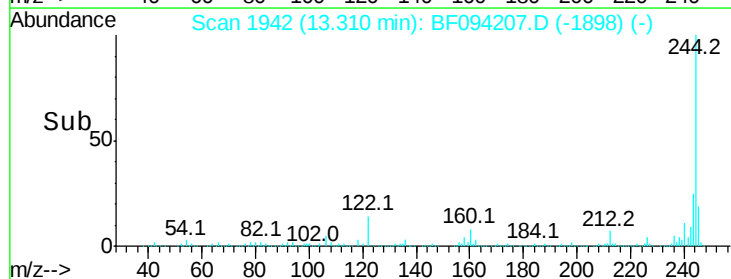
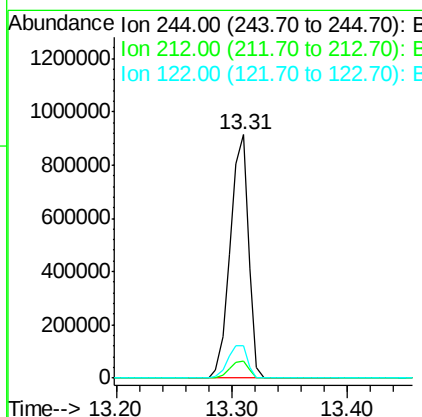
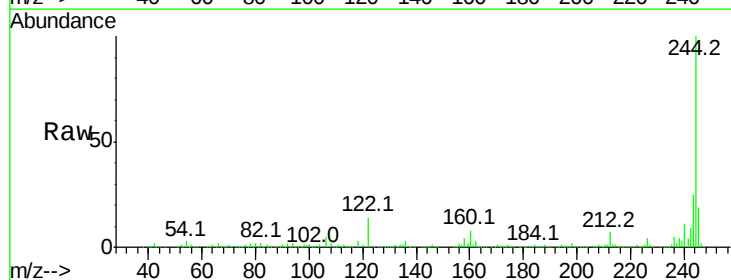
Instrument :
 BNA_F
 ClientSampleId :
 BASING-3(0-2)

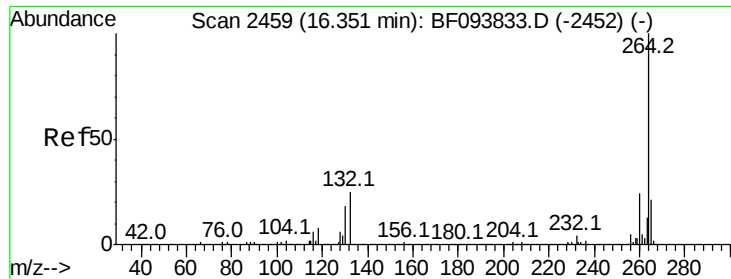
Tot Ion:240 Resp: 356182
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 25.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 63.01 ng
 RT: 13.31 min Scan# 1942
 Delta R.T. -0.04 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

Tgt Ion:244 Resp: 1001298
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.6 10.3 15.5

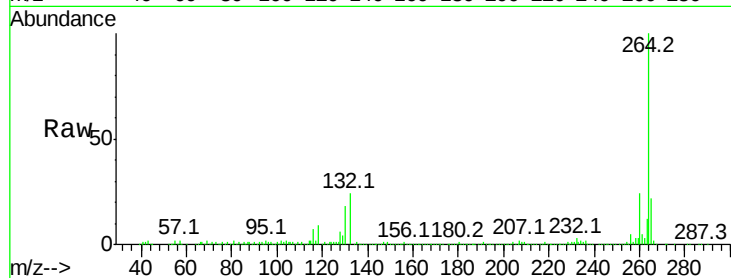




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094207.D
 Acq: 5 Apr 2017 23:29

Instrument :
 BNA_F
 ClientSampleId :
 BASING-3(0-2)

Tot Ion:264	Resp:	300234
Ion	Ratio	Lower Upper
264	100	
260	24.2	19.5 29.3
265	21.6	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

