

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094224.D
 Acq On : 6 Apr 2017 13:21
 Operator : SJ/MA
 Sample : PB98085BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BL

Quant Time: Apr 06 13:47:21 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

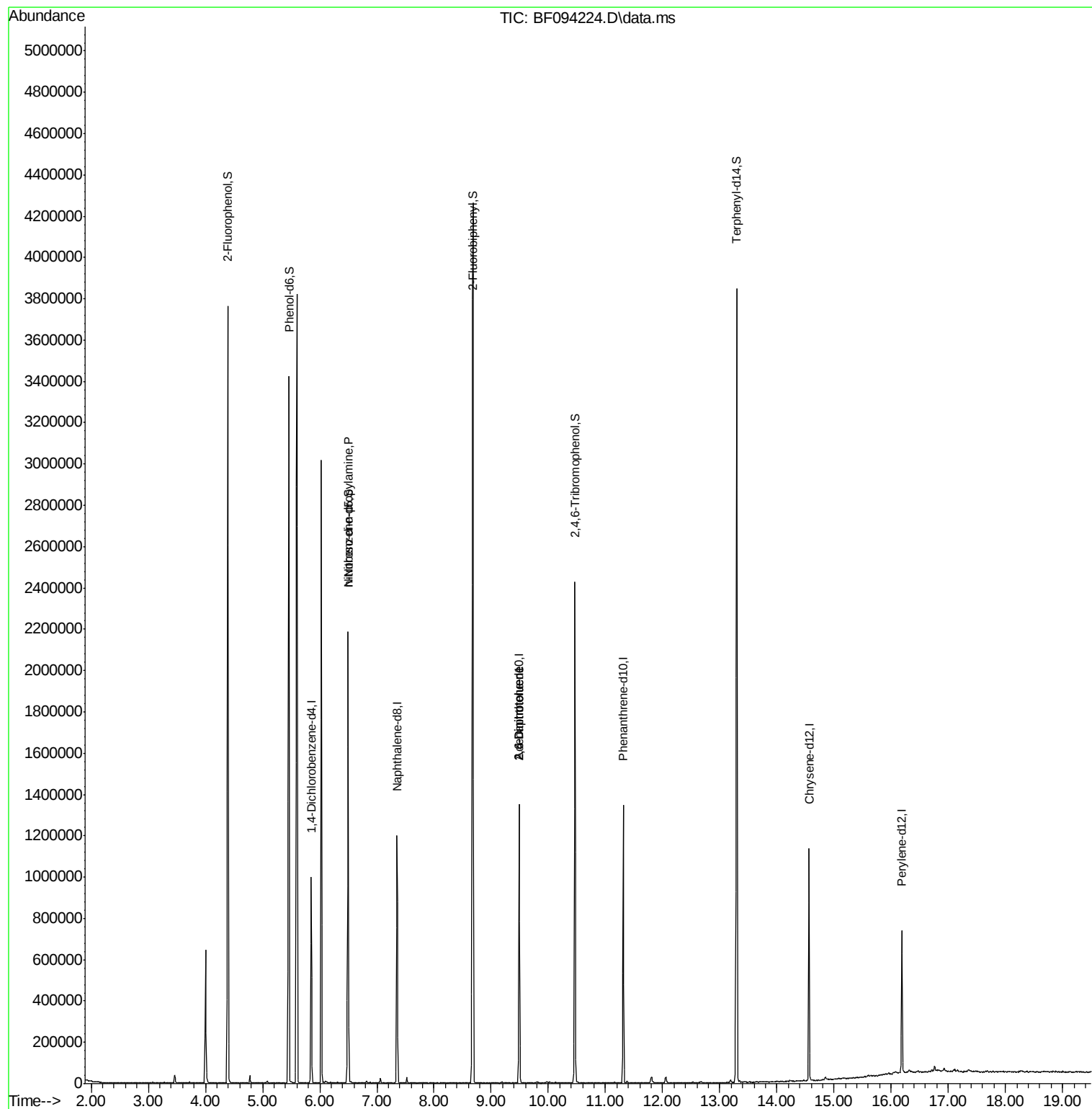
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	150515	20.00	ng	-0.05
21) Naphthalene-d8	7.351	136	618240	20.00	ng	-0.06
38) Acenaphthene-d10	9.492	164	290140	20.00	ng	-0.06
63) Phenanthrene-d10	11.316	188	532720	20.00	ng	-0.06
75) Chrysene-d12	14.562	240	418540	20.00	ng	-0.06
86) Perylene-d12	16.186	264	270656	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.392	112	1189500	133.48	ng	-0.04
7) Phenol-d6	5.463	99	1490762	135.23	ng	-0.05
23) Nitrobenzene-d5	6.498	82	932916	86.12	ng	-0.06
41) 2,4,6-Tribromophenol	10.469	330	345754	150.80	ng	-0.05
44) 2-Fluorobiphenyl	8.680	172	1683803	88.52	ng	-0.05
78) Terphenyl-d14	13.298	244	1525905	81.72	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propyla...	6.498	70	122158	17.24	ng	# 78
50) 2,6-Dinitrotoluene	9.492	165	36662	7.75	ng	# 33
56) 2,4-Dinitrotoluene	9.492	165	36662	6.17	ng	# 33

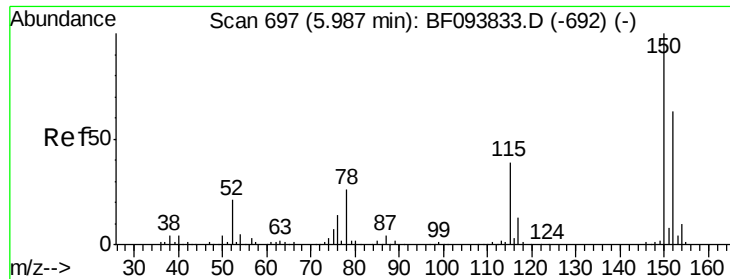
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.851 min Scan# 67

Delta R.T. -0.053 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB98085BL

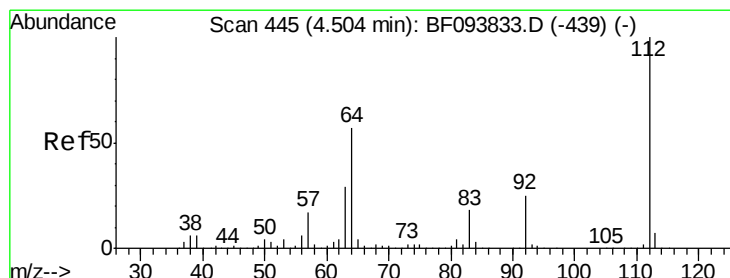
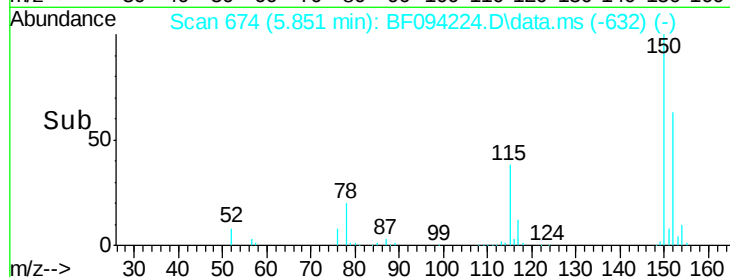
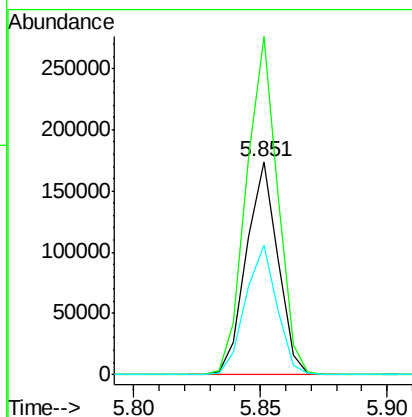
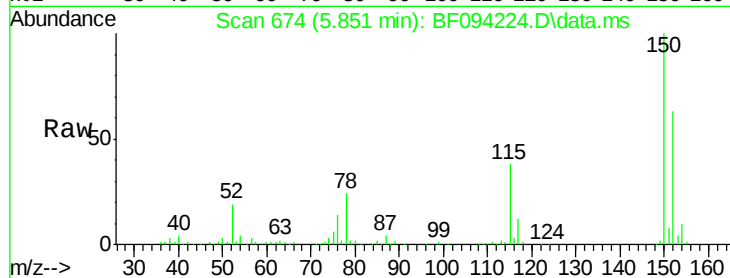
Tot Ion:152 Resp: 150515

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

115 61.1 52.2 78.2



#5

2-Fluorophenol

Concen: 133.48 ng

RT: 4.392 min Scan# 426

Delta R.T. -0.041 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

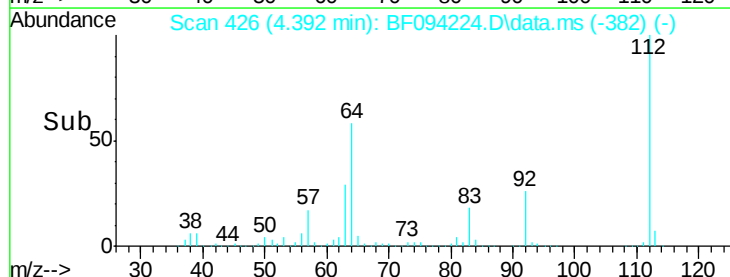
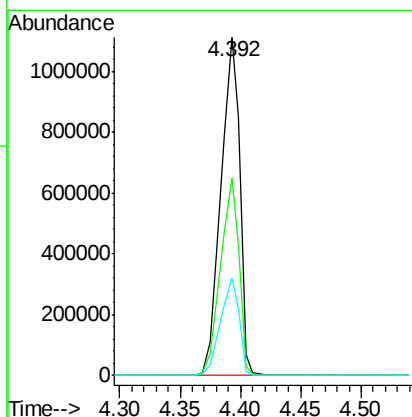
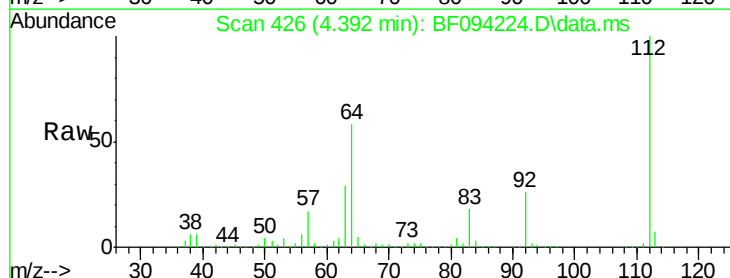
Tgt Ion:112 Resp: 1189500

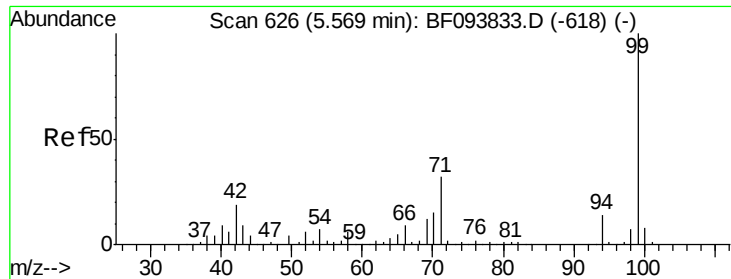
Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

63 28.9 23.4 35.0





#7

Phenol-d6

Concen: 135.23 ng

RT: 5.463 min Scan# 60

Delta R.T. -0.047 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB98085BL

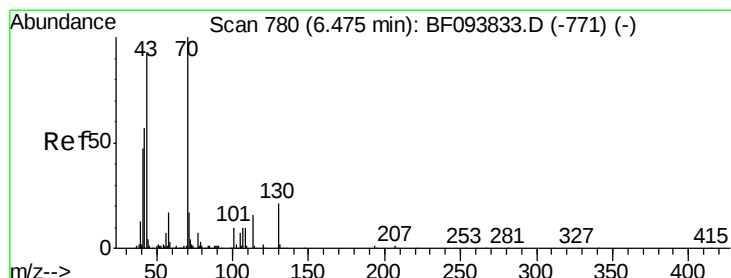
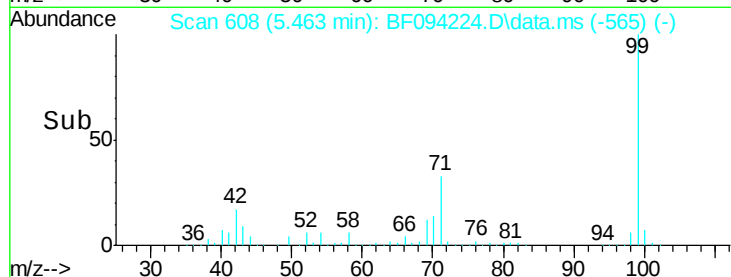
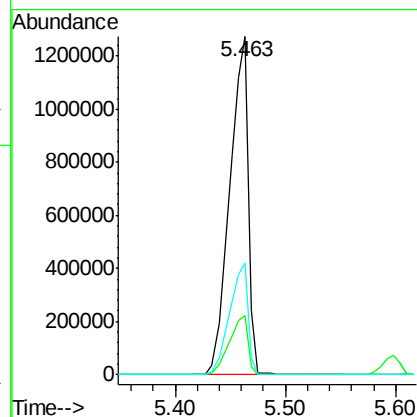
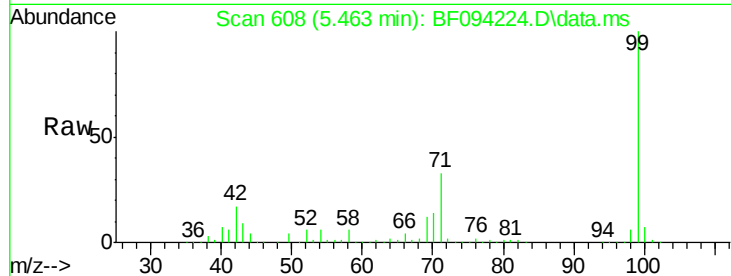
Tot Ion: 99 Resp: 1490762

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 33.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.24 ng

RT: 6.498 min Scan# 784

Delta R.T. 0.106 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Tgt Ion: 70 Resp: 122158

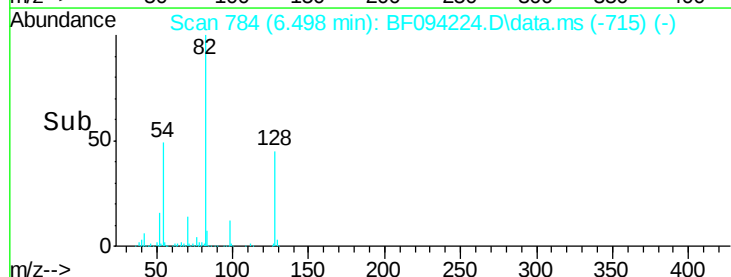
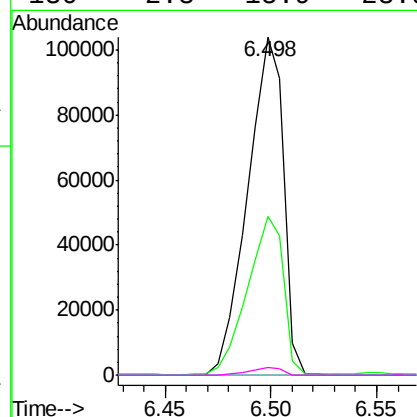
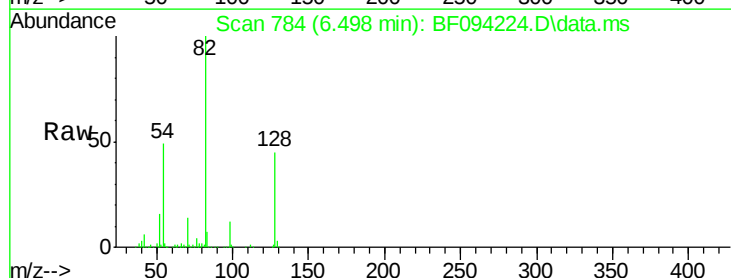
Ion Ratio Lower Upper

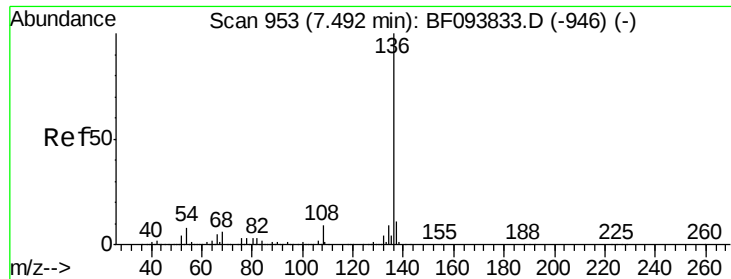
70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

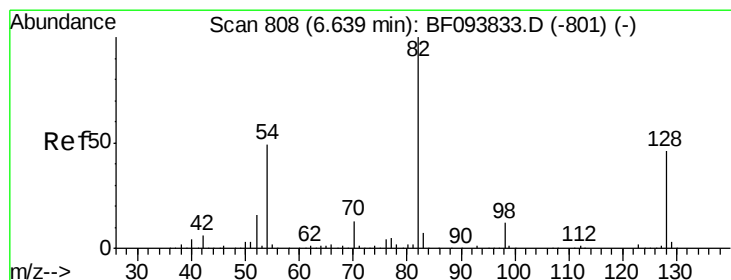
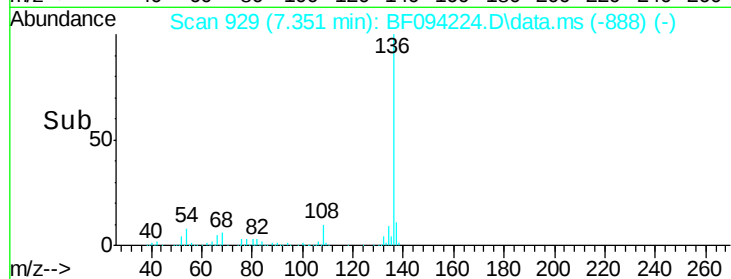
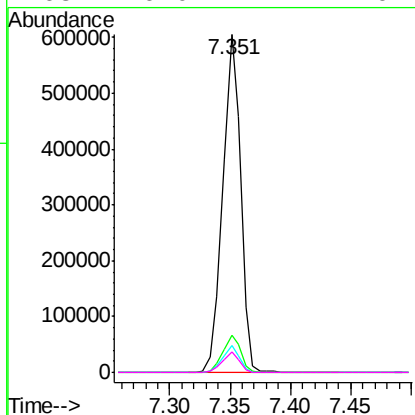
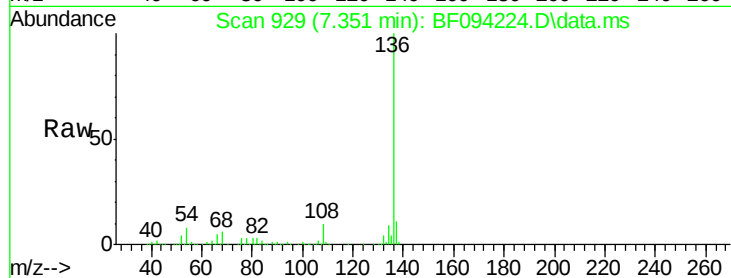




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.351 min Scan# 92
Delta R.T. -0.059 min
Lab File: BF094224.D
Acq: 6 Apr 2017 13:21

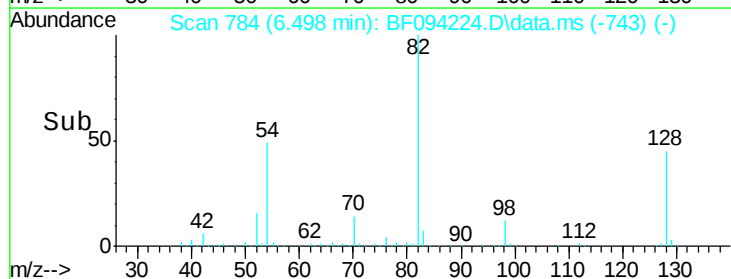
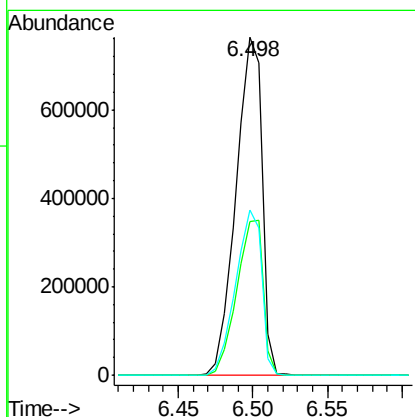
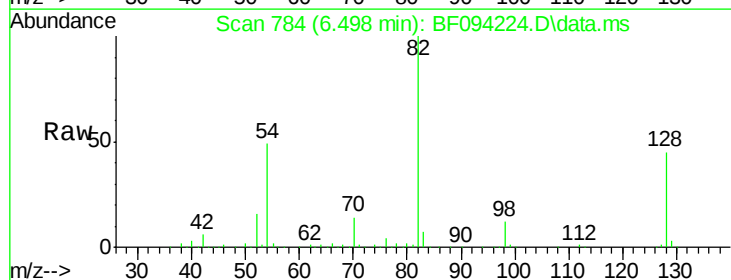
Instrument :
BNA_F
ClientSampleId :
PB98085BL

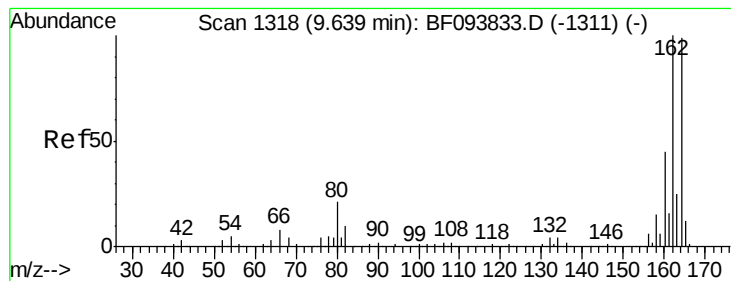
Tot Ion:136	Resp:	618240
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	8.1	4.9 7.3#
68	6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.12 ng
RT: 6.498 min Scan# 784
Delta R.T. -0.059 min
Lab File: BF094224.D
Acq: 6 Apr 2017 13:21

Tgt Ion: 82	Resp:	932916
Ion Ratio	Lower	Upper
82	100	
128	45.4	34.0 51.0
54	48.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.492 min Scan# 12

Delta R.T. -0.059 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB98085BL

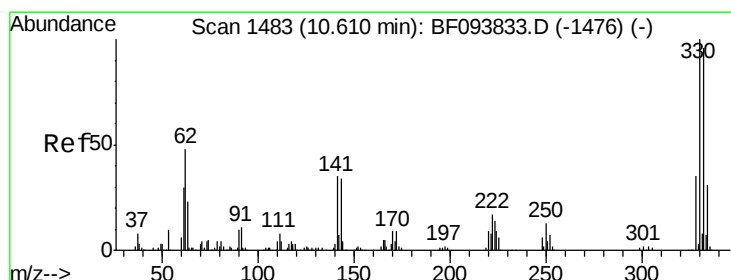
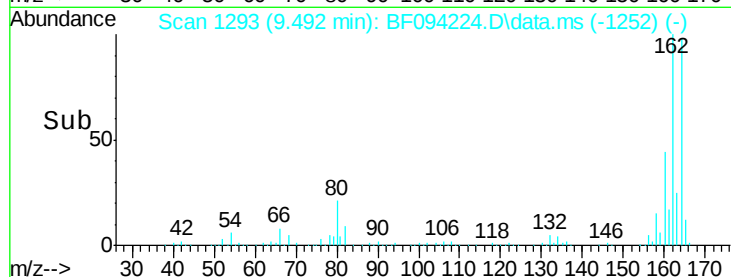
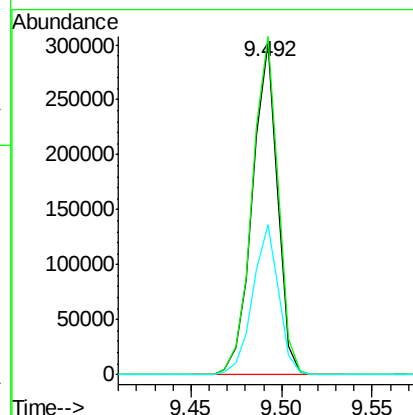
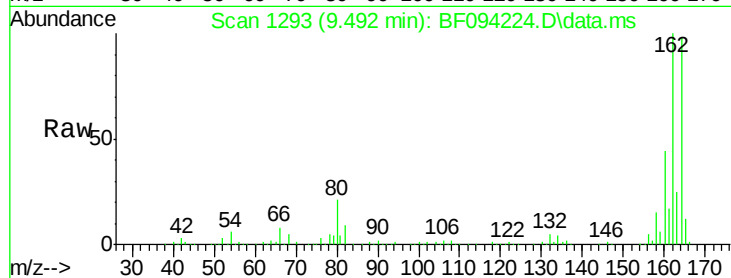
Tot Ion:164 Resp: 290140

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

160 45.0 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 150.80 ng

RT: 10.469 min Scan# 1459

Delta R.T. -0.053 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

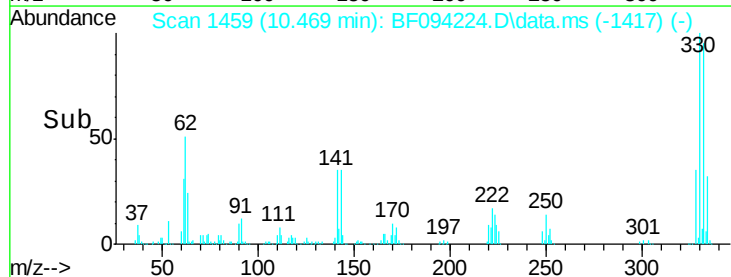
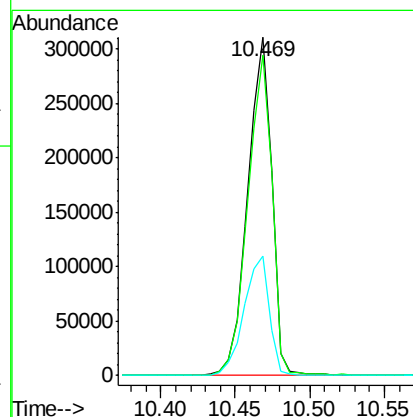
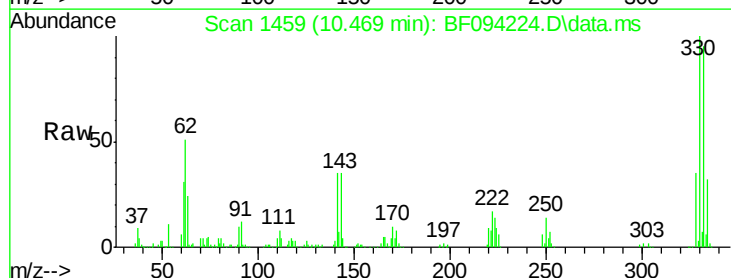
Tgt Ion:330 Resp: 345754

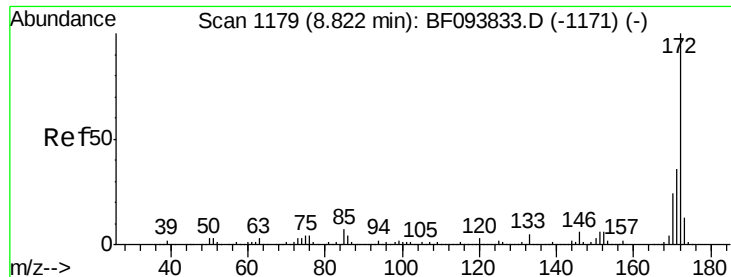
Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

141 37.3 31.4 47.2

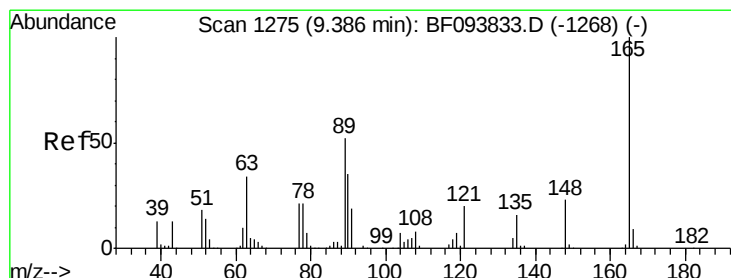
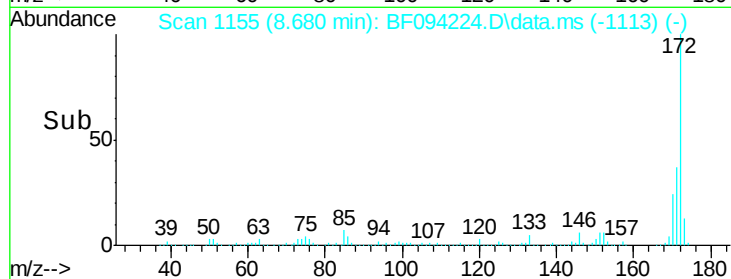
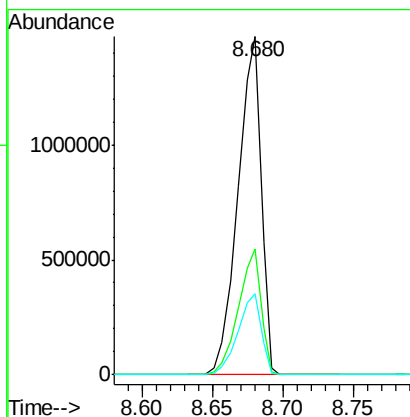
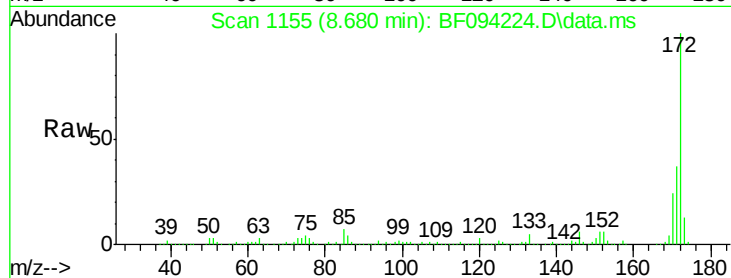




#44
 2-Fluorobiphenyl
 Concen: 88.52 ng
 RT: 8.680 min Scan# 1179
 Delta R.T. -0.053 min
 Lab File: BF094224.D
 Acq: 6 Apr 2017 13:21

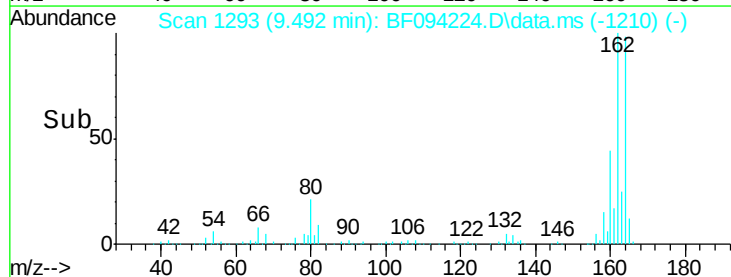
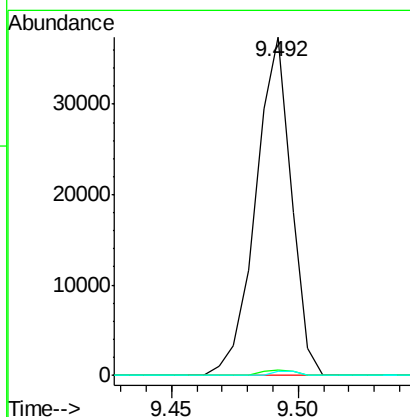
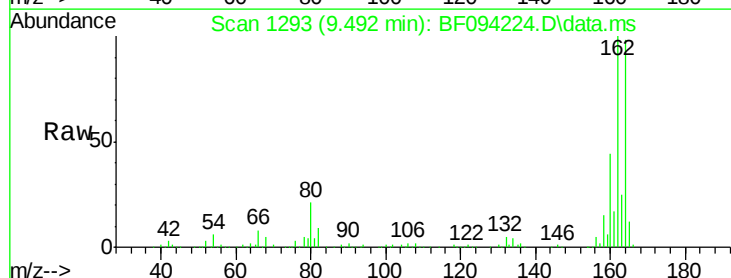
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BL

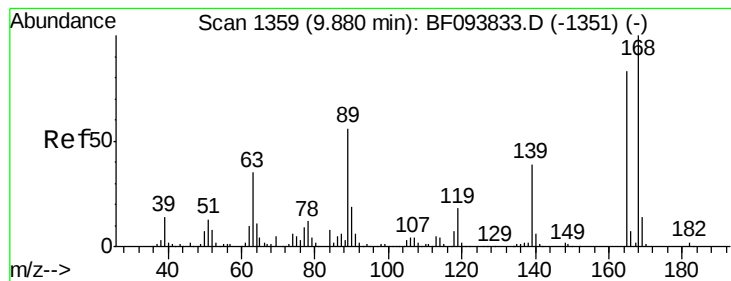
Tot Ion:172 Resp: 1683803
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 23.9 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.492 min Scan# 1293
 Delta R.T. 0.188 min
 Lab File: BF094224.D
 Acq: 6 Apr 2017 13:21

Tgt Ion:165 Resp: 36662
 Ion Ratio Lower Upper
 165 100
 63 1.5 34.3 51.5#
 89 1.2 37.1 55.7#





#56

2,4-Dinitrotoluene

Concen: 6.17 ng

RT: 9.492 min Scan# 12

Delta R.T. -0.306 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB98085BL

Tot Ion:165 Resp: 36662

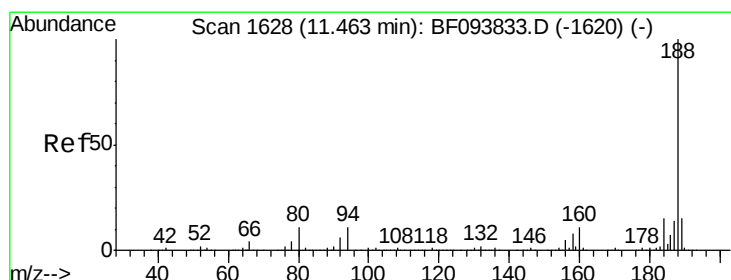
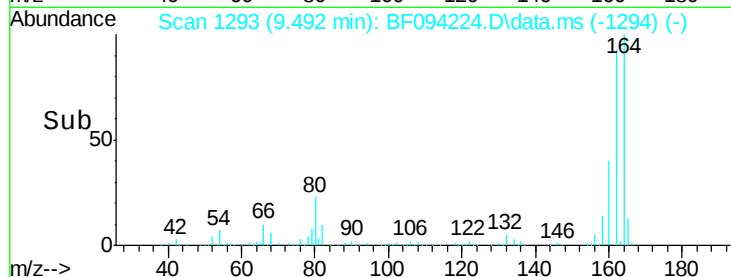
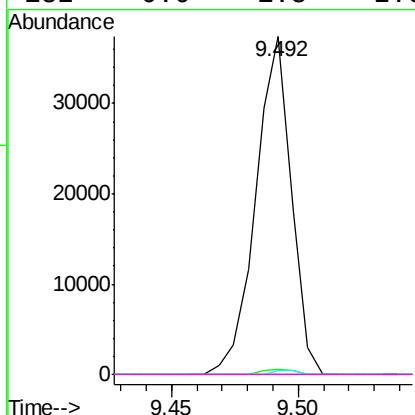
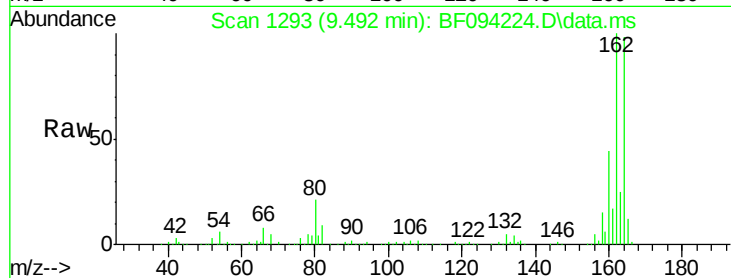
Ion Ratio Lower Upper

165 100

63 1.5 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: 11.316 min Scan# 1603

Delta R.T. -0.059 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

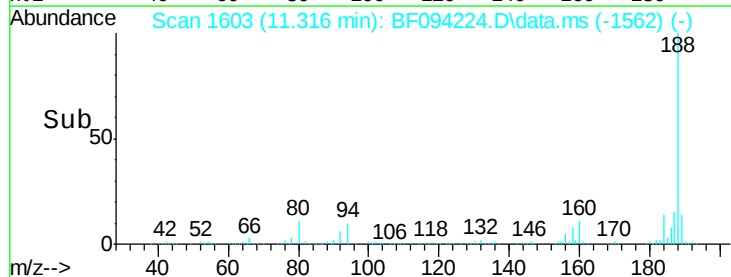
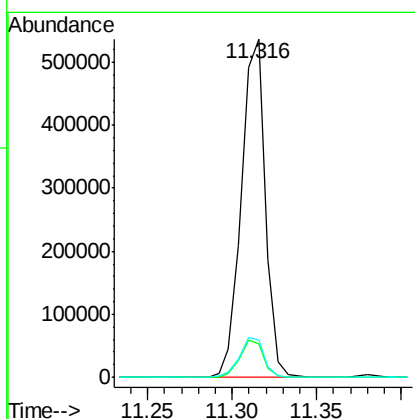
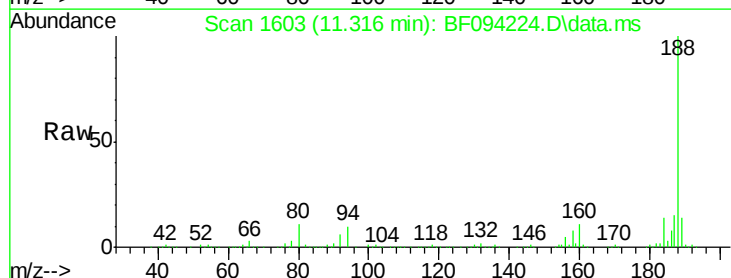
Tgt Ion:188 Resp: 532720

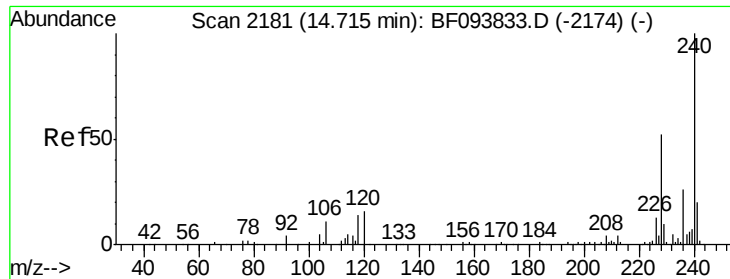
Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

80 10.9 10.2 15.2

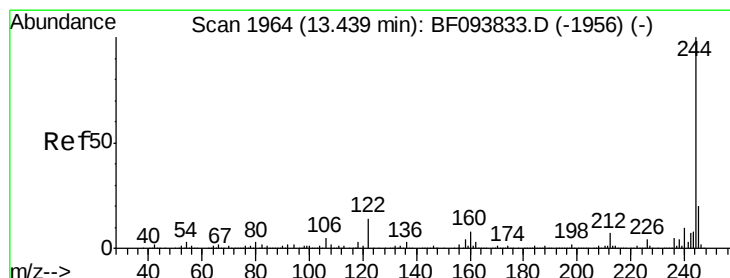
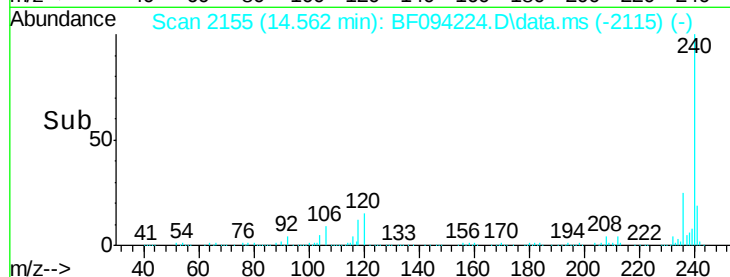
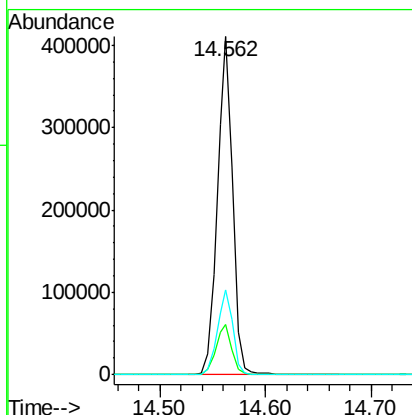
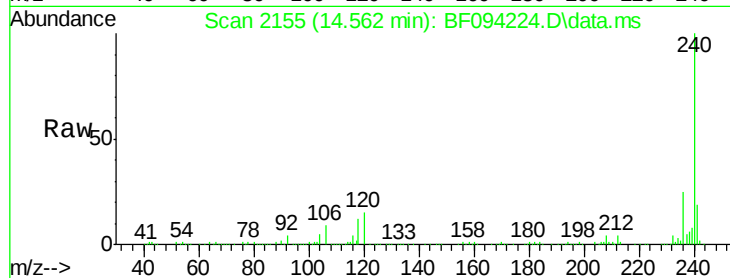




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.562 min Scan# 21
 Delta R.T. -0.065 min
 Lab File: BF094224.D
 Acq: 6 Apr 2017 13:21

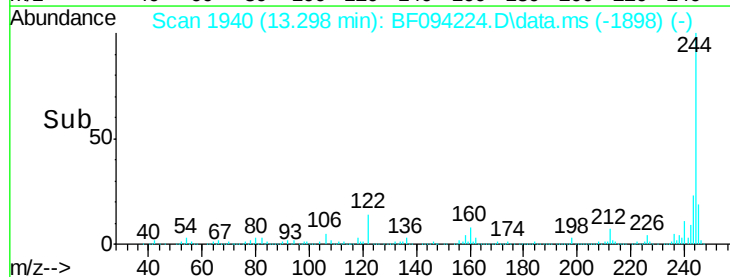
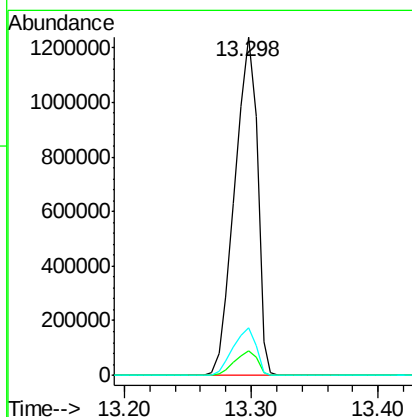
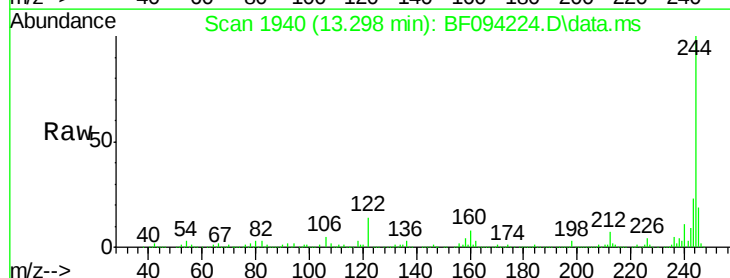
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BL

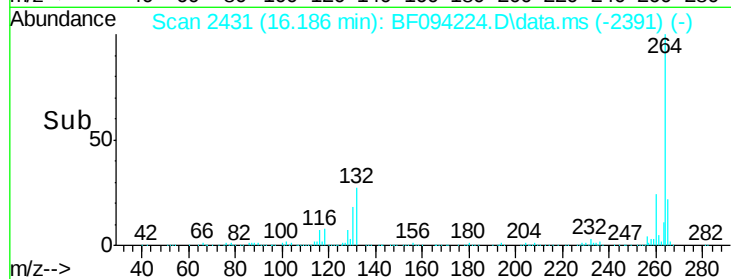
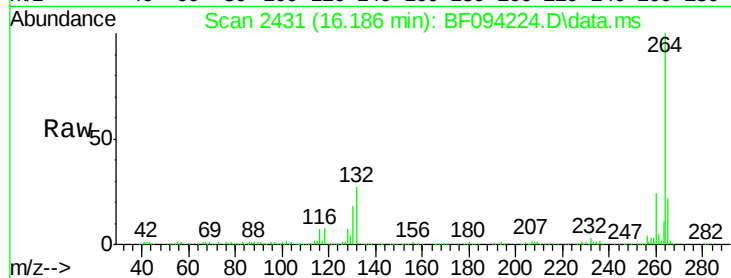
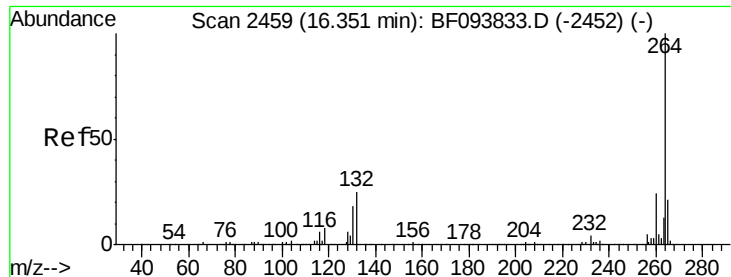
Tot Ion:240 Resp: 418540
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 24.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 81.72 ng
 RT: 13.298 min Scan# 1940
 Delta R.T. -0.053 min
 Lab File: BF094224.D
 Acq: 6 Apr 2017 13:21

Tgt Ion:244 Resp: 1525905
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.0 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.186 min Scan# 24
Delta R.T. -0.065 min
Lab File: BF094224.D
Acq: 6 Apr 2017 13:21

Instrument :
BNA_F
ClientSampleId :
PB98085BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.8	17.2	25.8

