

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094219.D
 Acq On : 6 Apr 2017 11:02
 Operator : SJ/MA
 Sample : PB98067BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BL

Quant Time: Apr 06 13:06:01 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

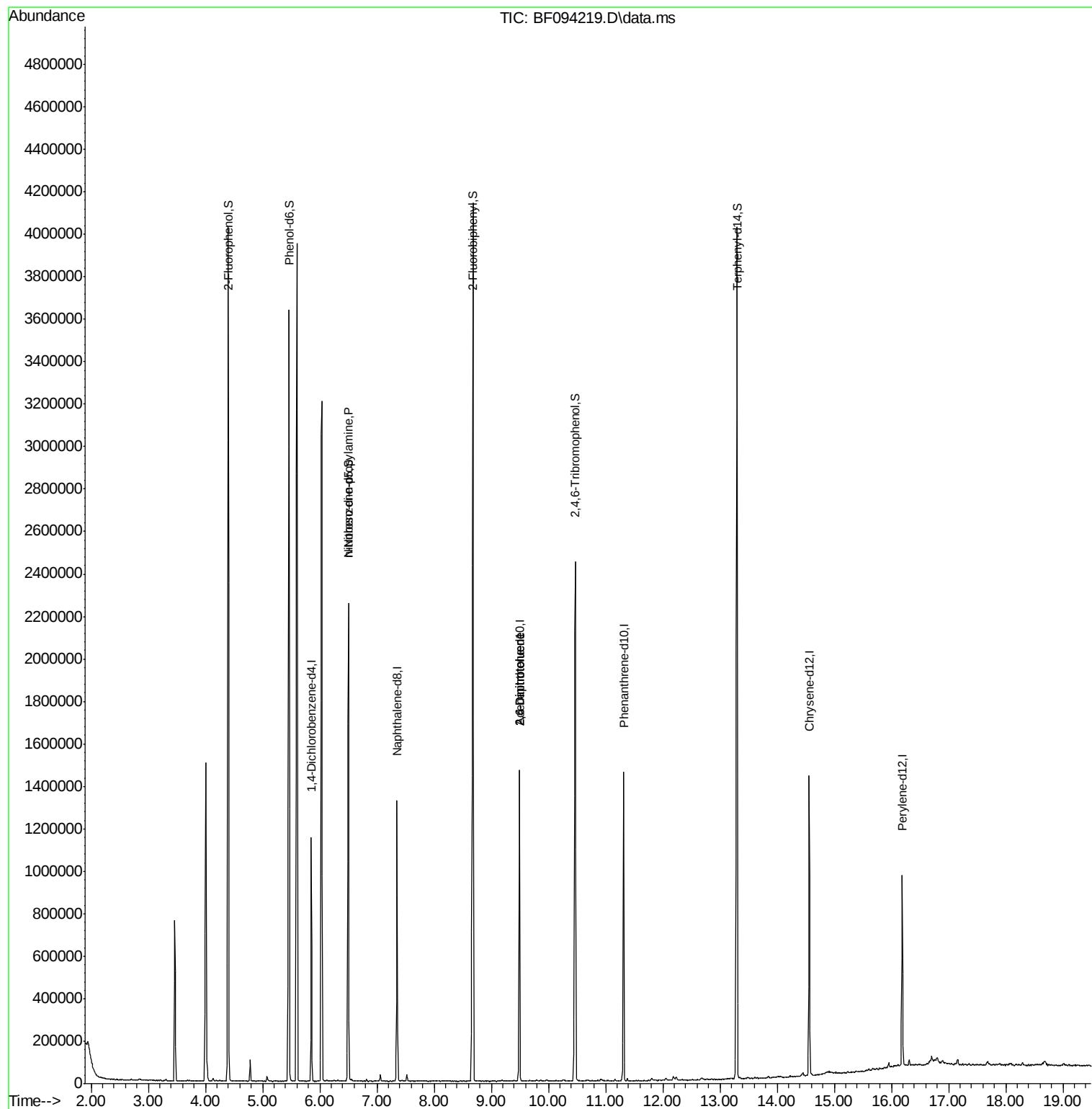
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	173387	20.00	ng	-0.05
21) Naphthalene-d8	7.351	136	703602	20.00	ng	-0.06
38) Acenaphthene-d10	9.492	164	324504	20.00	ng	-0.06
63) Phenanthrene-d10	11.316	188	601762	20.00	ng	-0.06
75) Chrysene-d12	14.563	240	524578	20.00	ng	-0.06
86) Perylene-d12	16.192	264	371487	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.398	112	1272928	124.00	ng	-0.04
7) Phenol-d6	5.463	99	1577064	124.18	ng	-0.05
23) Nitrobenzene-d5	6.498	82	983976	79.81	ng	-0.06
41) 2,4,6-Tribromophenol	10.469	330	357072	139.25	ng	-0.05
44) 2-Fluorobiphenyl	8.681	172	1790766	84.17	ng	-0.05
78) Terphenyl-d14	13.298	244	1625318	69.45	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propyla...	6.498	70	129157	15.82	ng	# 78
50) 2,6-Dinitrotoluene	9.492	165	42792	8.09	ng	# 33
56) 2,4-Dinitrotoluene	9.492	165	42791	6.44	ng	# 33

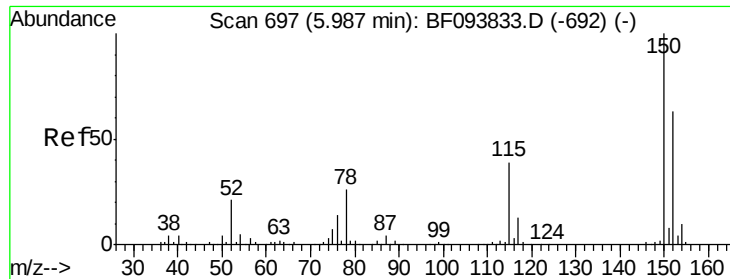
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094219.D

Acq: 6 Apr 2017 11:02

Instrument :

BNA_F

ClientSampleId :

PB98067BL

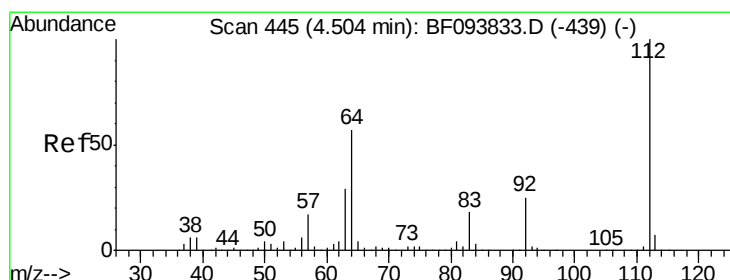
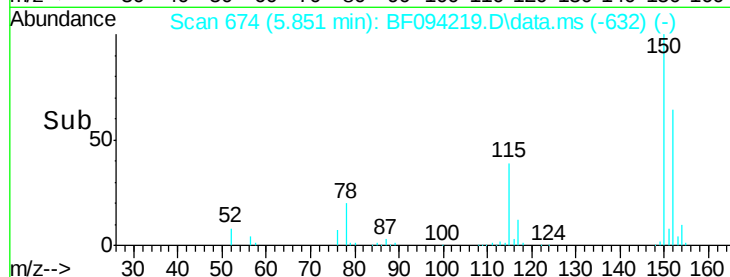
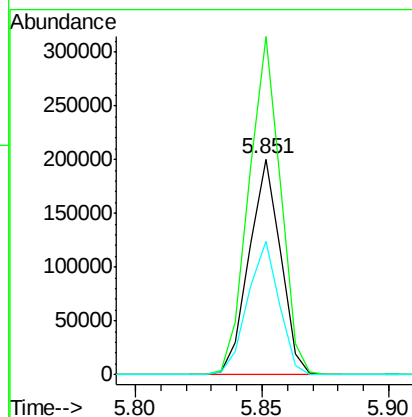
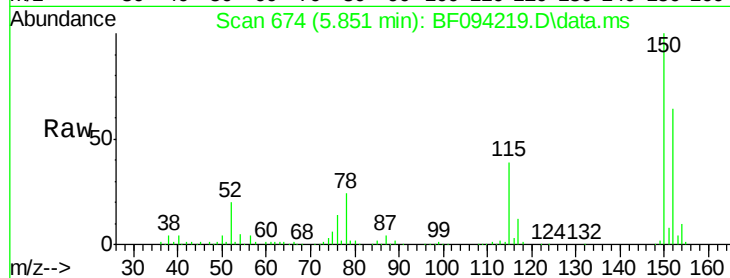
Tot Ion:152 Resp: 173387

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

115 61.7 52.2 78.2



#5

2-Fluorophenol

Concen: 124.00 ng

RT: 4.398 min Scan# 427

Delta R.T. -0.035 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

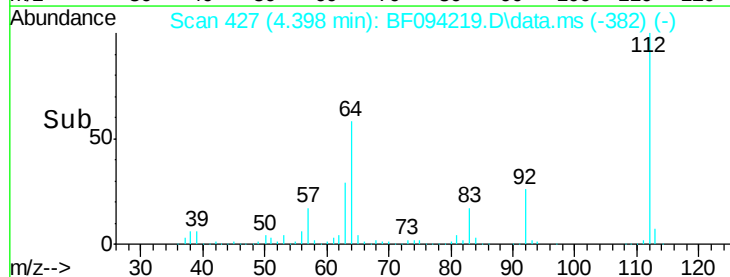
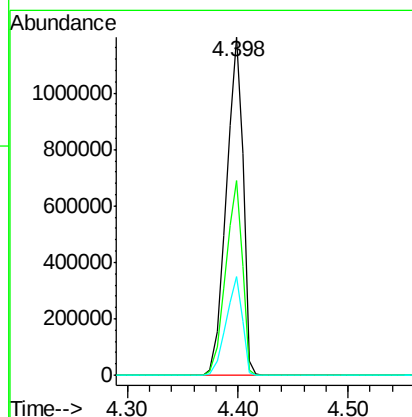
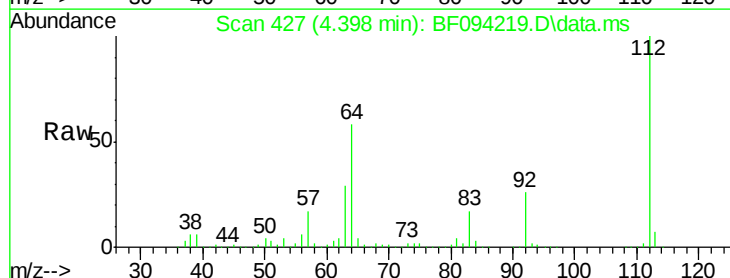
Tgt Ion:112 Resp: 1272928

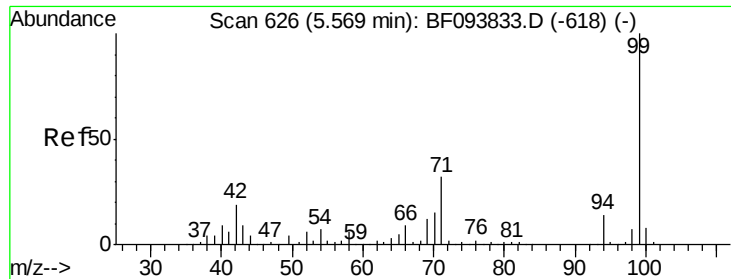
Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

63 29.2 23.4 35.0





#7

Phenol-d6

Concen: 124.18 ng

RT: 5.463 min Scan# 60

Delta R.T. -0.047 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

Instrument :

BNA_F

ClientSampleId :

PB98067BL

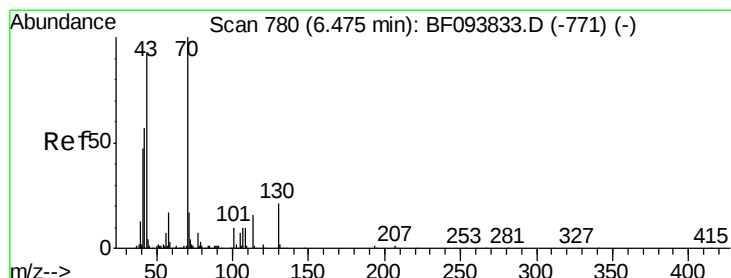
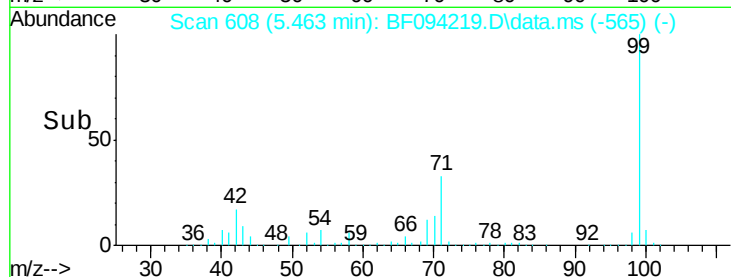
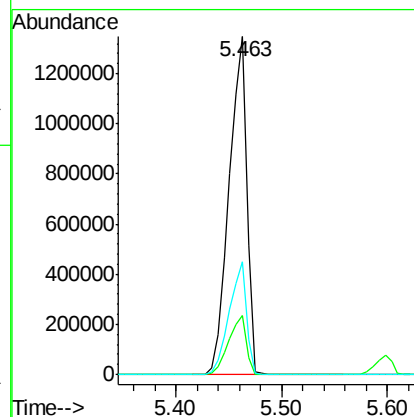
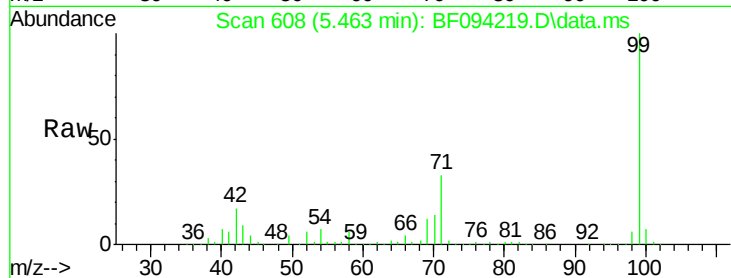
Tot Ion: 99 Resp: 1577064

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 33.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.82 ng

RT: 6.498 min Scan# 784

Delta R.T. 0.106 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

Tgt Ion: 70 Resp: 129157

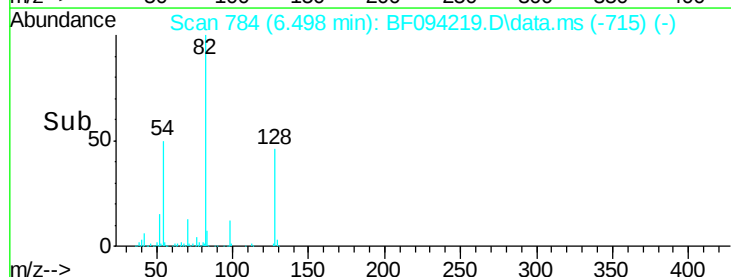
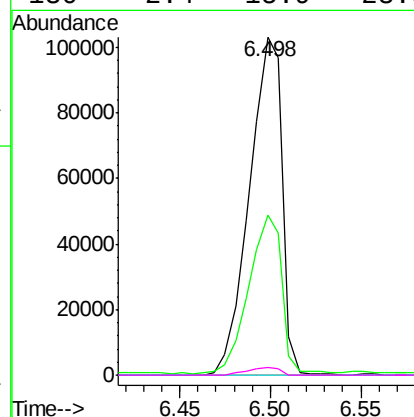
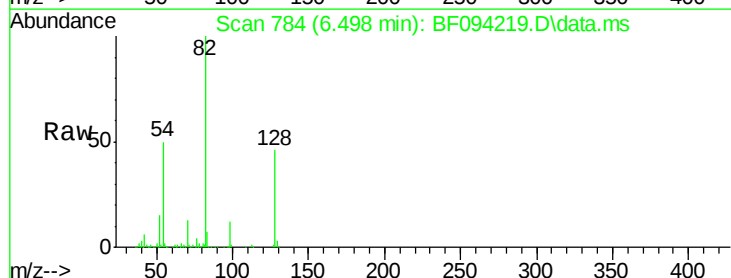
Ion Ratio Lower Upper

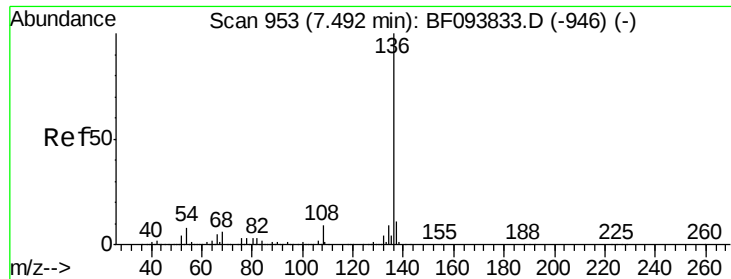
70 100

42 47.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

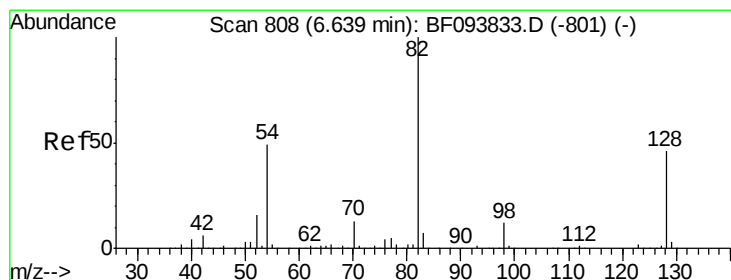
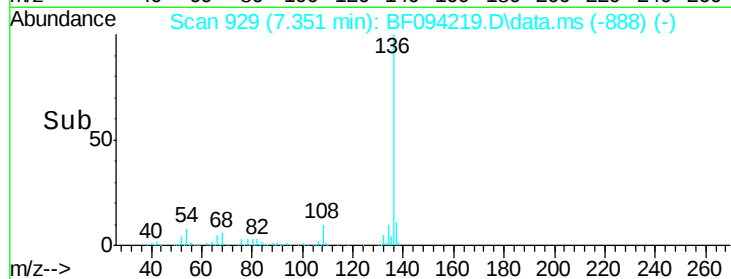
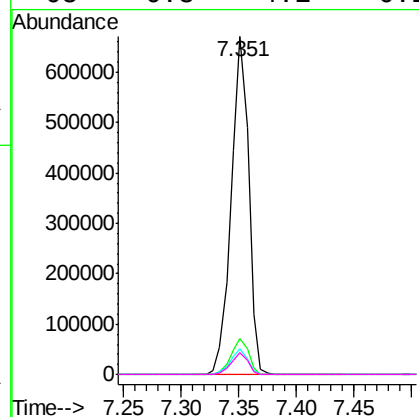
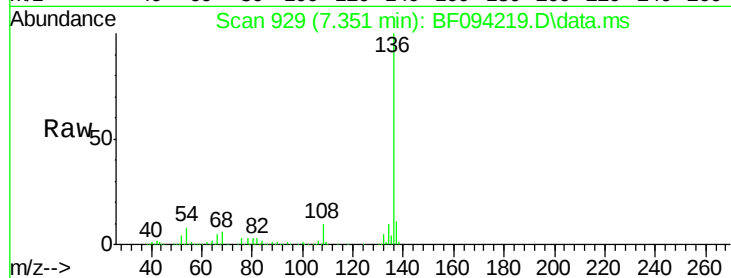




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.351 min Scan# 92
Delta R.T. -0.059 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

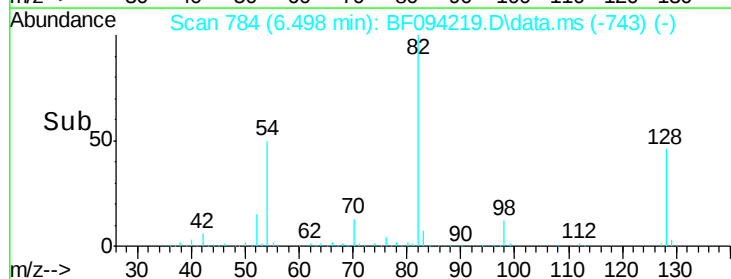
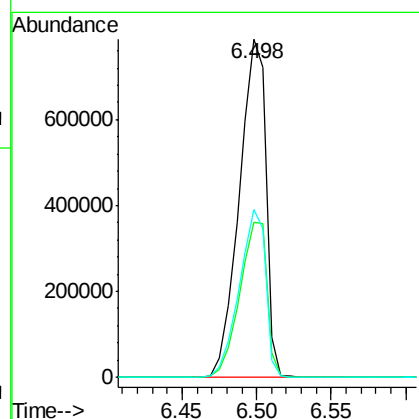
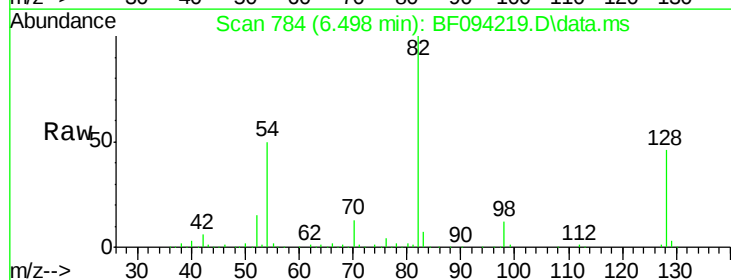
Instrument :
BNA_F
ClientSampleId :
PB98067BL

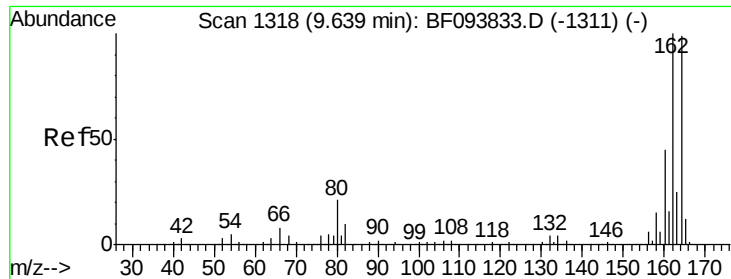
Tot Ion:136	Resp:	703602
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.7	4.9 7.3#
68	6.3	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 79.81 ng
RT: 6.498 min Scan# 784
Delta R.T. -0.059 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

Tgt Ion: 82	Resp:	983976
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.0 51.0
54	49.5	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: BF094219.D

Acq: 6 Apr 2017 11:02

Instrument :

BNA_F

ClientSampleId :

PB98067BL

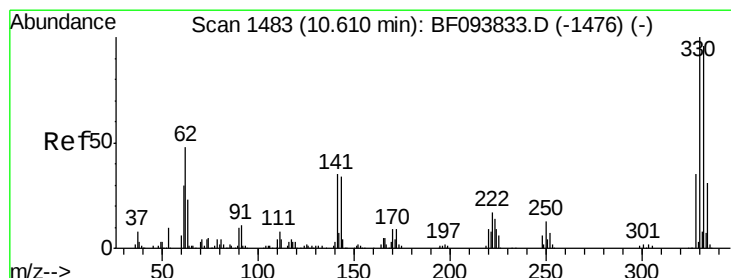
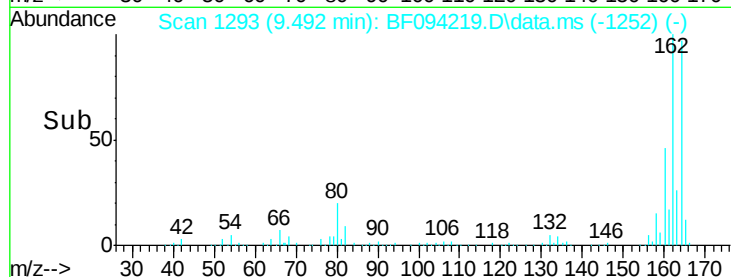
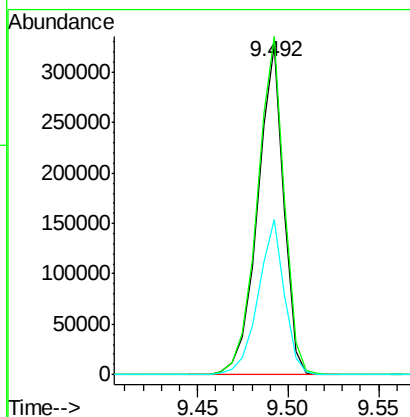
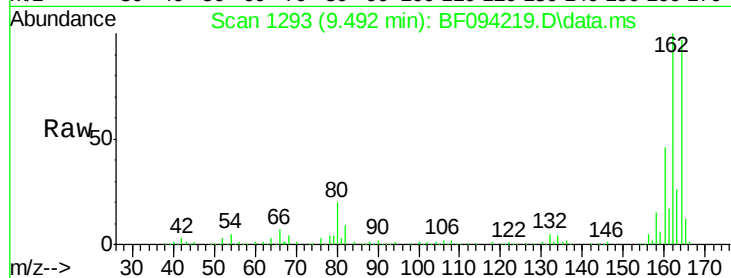
Tot Ion:164 Resp: 324504

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

160 47.2 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 139.25 ng

RT: 10.469 min Scan# 1459

Delta R.T. -0.053 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

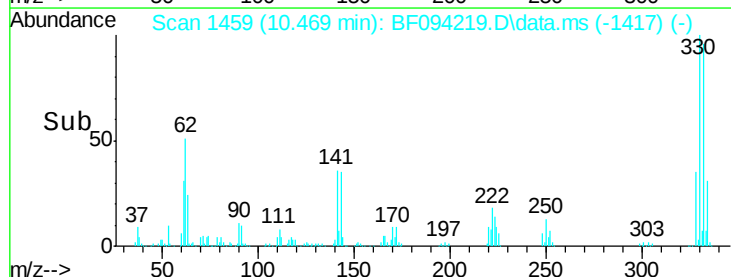
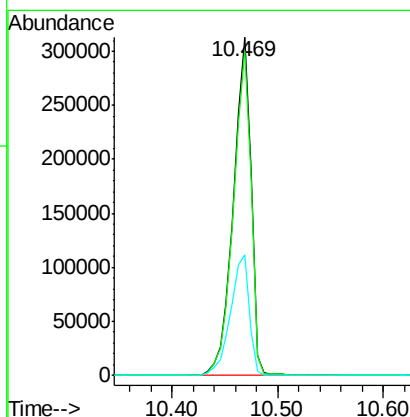
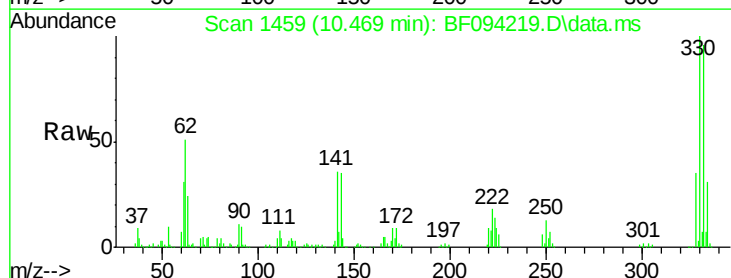
Tgt Ion:330 Resp: 357072

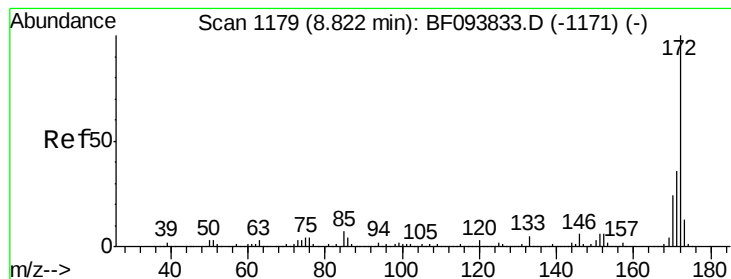
Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 38.0 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 84.17 ng

RT: 8.681 min Scan# 11

Delta R.T. -0.053 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

Instrument :

BNA_F

ClientSampleId :

PB98067BL

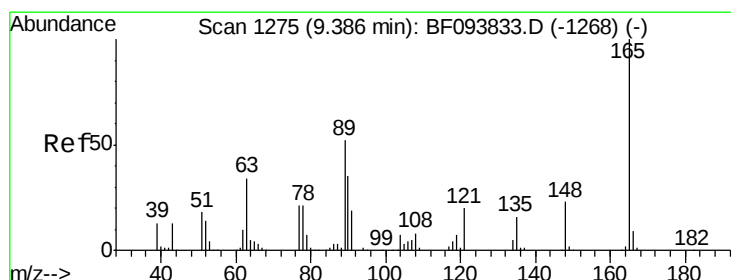
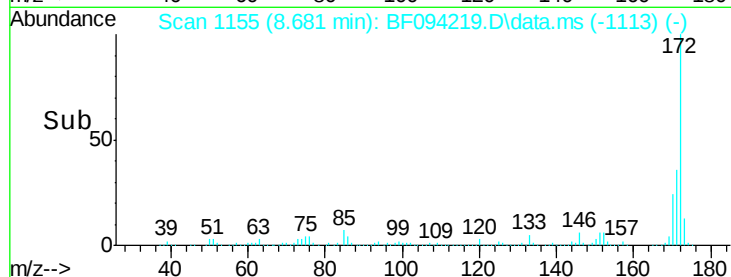
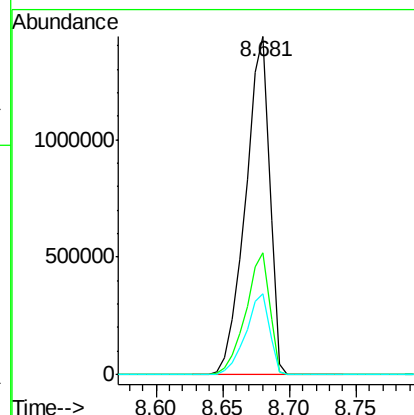
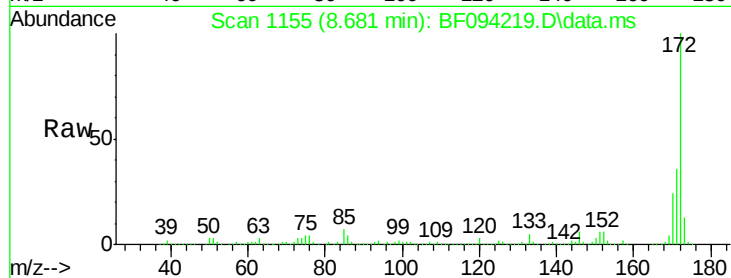
Tot Ion:172 Resp: 1790766

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.7 19.8 29.8



#50

2,6-Dinitrotoluene

Concen: 8.09 ng

RT: 9.492 min Scan# 1293

Delta R.T. 0.188 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

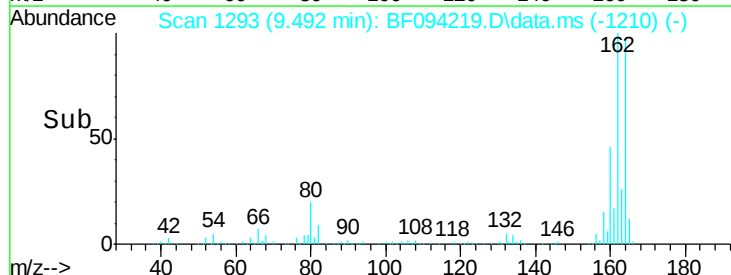
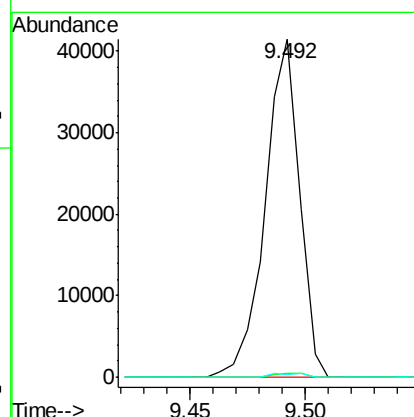
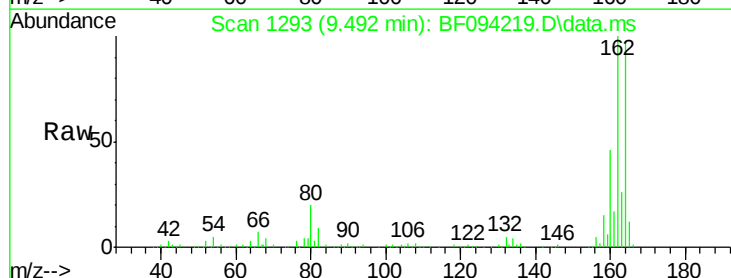
Tgt Ion:165 Resp: 42792

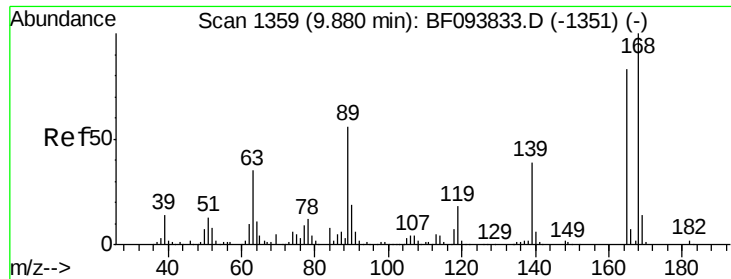
Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

89 1.0 37.1 55.7#





#56

2,4-Dinitrotoluene

Concen: 6.44 ng

RT: 9.492 min Scan# 12

Delta R.T. -0.306 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

Instrument :

BNA_F

ClientSampleId :

PB98067BL

Tot Ion:165 Resp: 42791

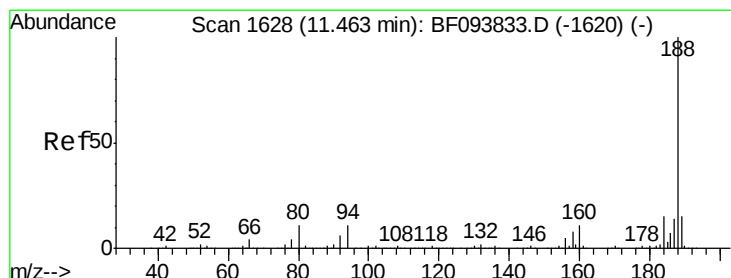
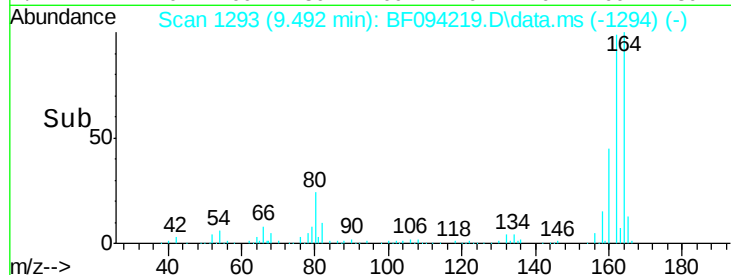
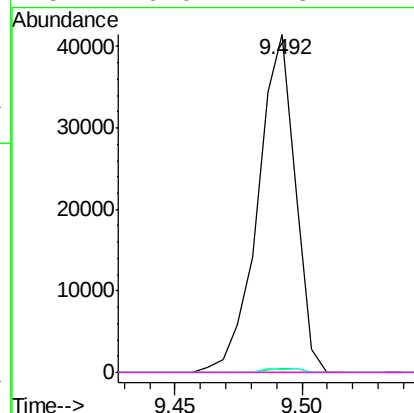
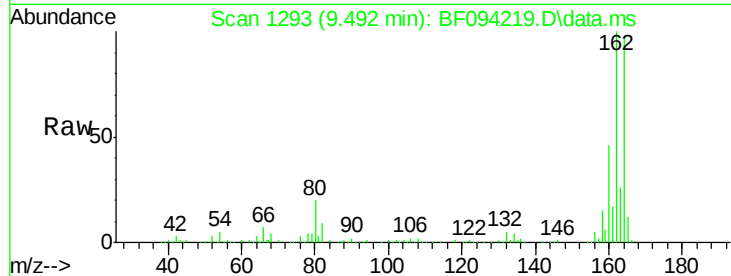
Ion Ratio Lower Upper

165 100

63 1.3 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: 11.316 min Scan# 1603

Delta R.T. -0.059 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

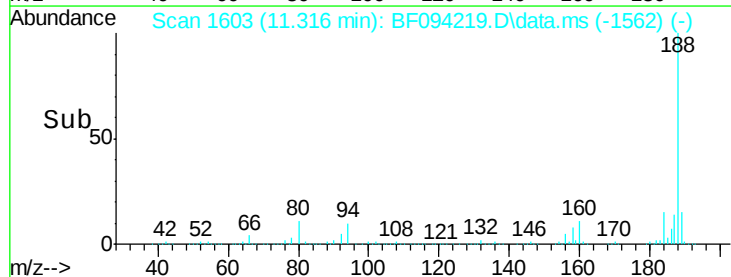
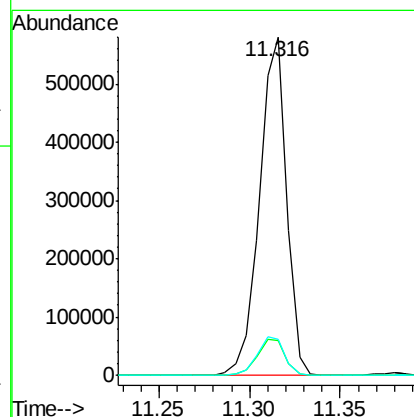
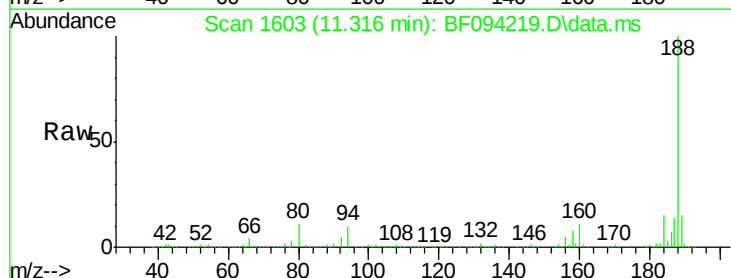
Tgt Ion:188 Resp: 601762

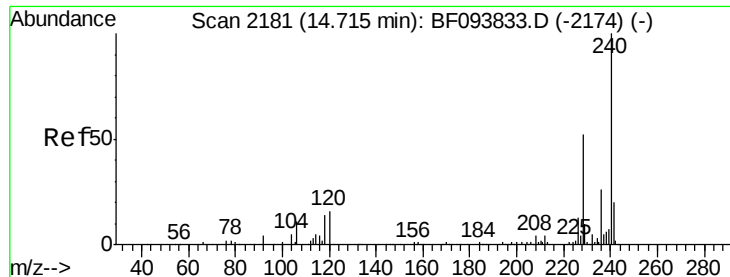
Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

80 10.8 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.065 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

Instrument :

BNA_F

ClientSampleId :

PB98067BL

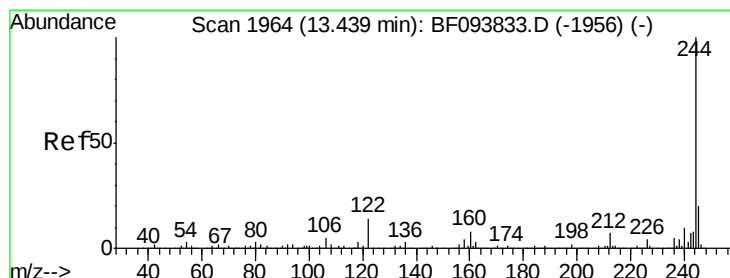
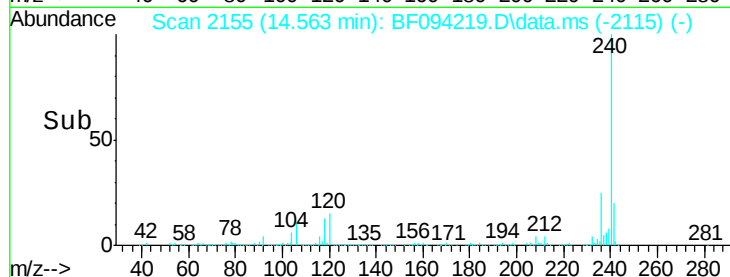
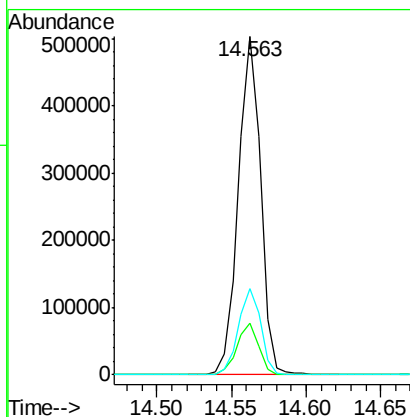
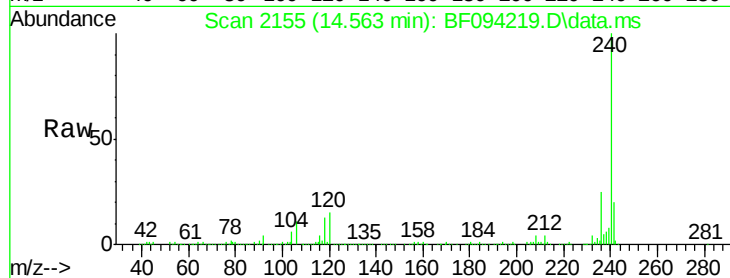
Tot Ion:240 Resp: 524578

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

236 25.3 20.5 30.7



#78

Terphenyl-d14

Concen: 69.45 ng

RT: 13.298 min Scan# 1940

Delta R.T. -0.053 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

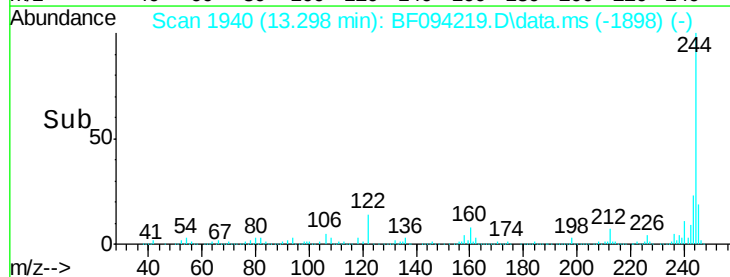
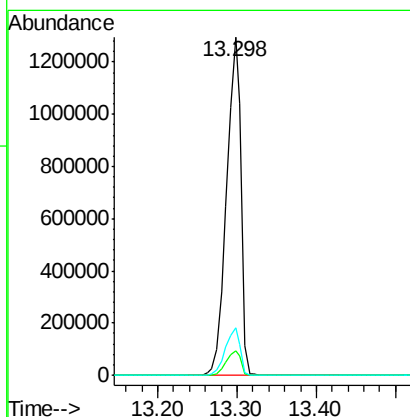
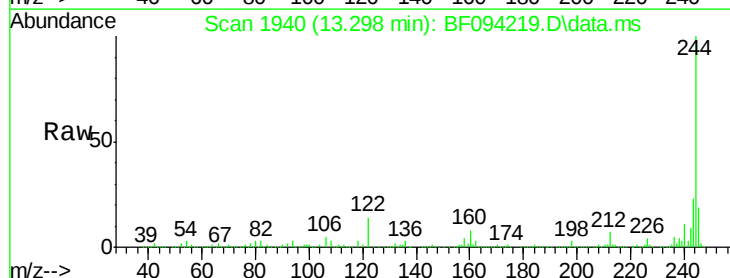
Tgt Ion:244 Resp: 1625318

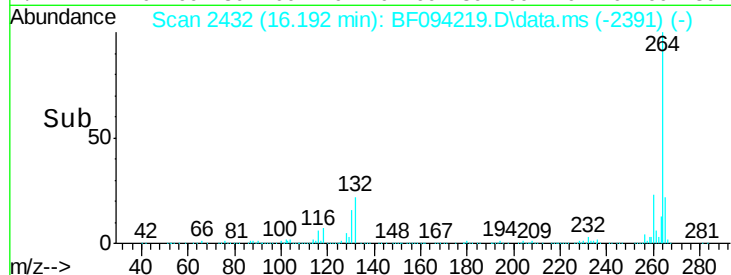
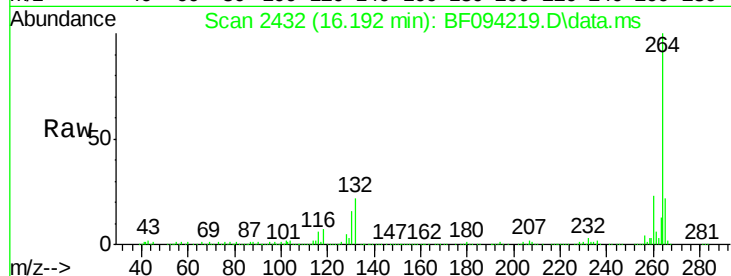
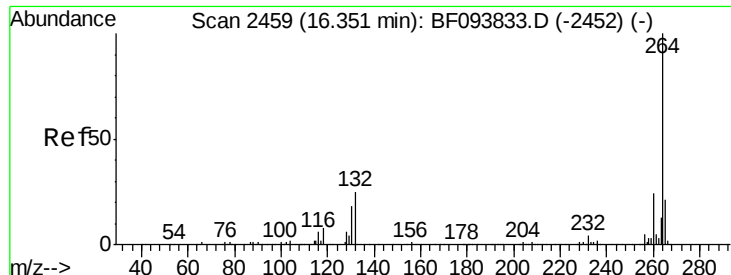
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 14.0 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.192 min Scan# 24
Delta R.T. -0.059 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

Instrument :
BNA_F
ClientSampleId :
PB98067BL

Tot Ion:	264	Resp:	371487
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.5	29.3
265	21.6	17.2	25.8

