

Data Path : Z:\HPCHEM1\BNA F\Data\BF051117\
 Data File : BF095082.D
 Acq On : 11 May 2017 16:21
 Operator : SJ/MA
 Sample : I3052-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 11 17:35:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

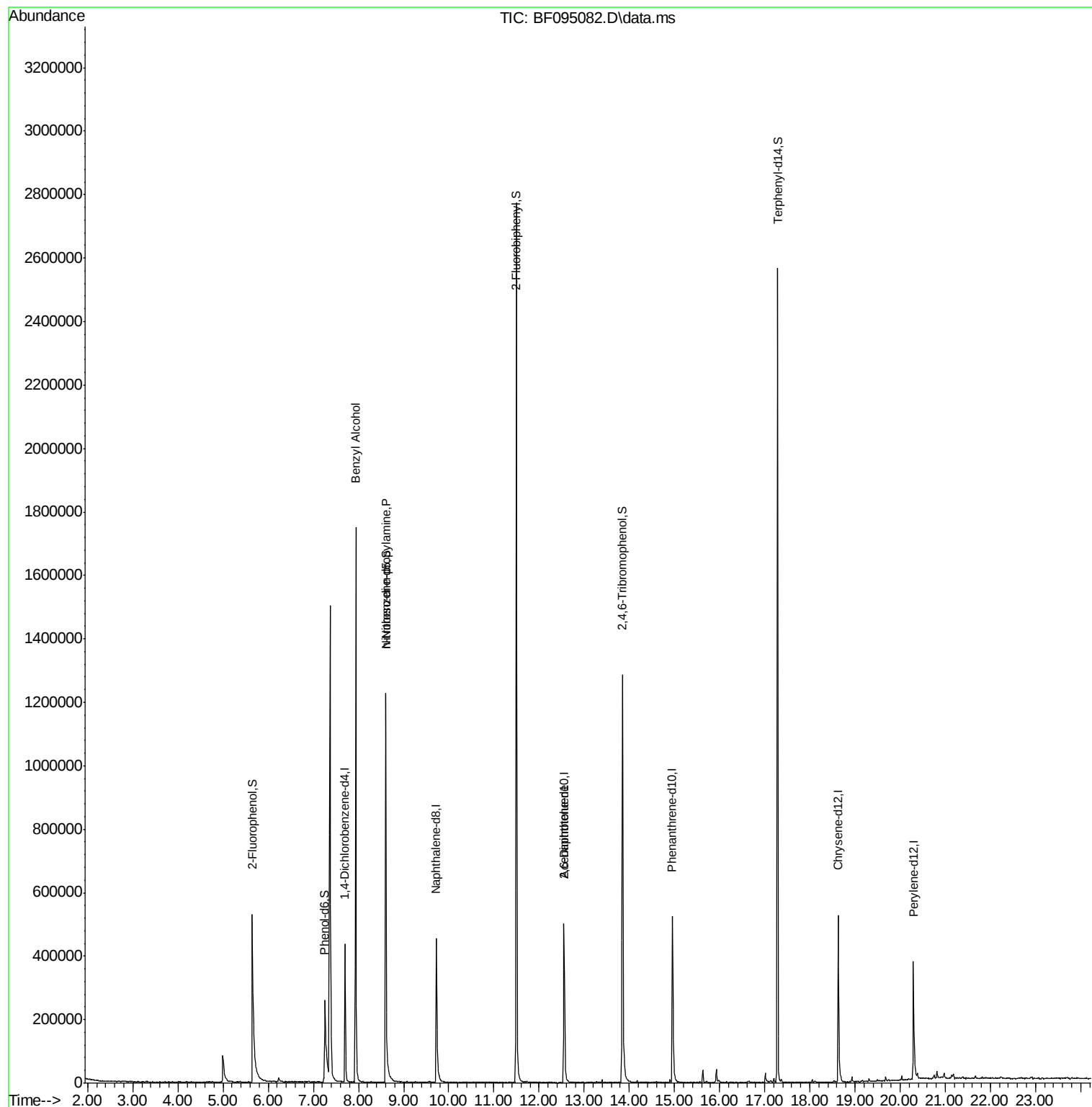
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.701	152	93353	20.00	ng	-0.03
21) Naphthalene-d8	9.725	136	400402	20.00	ng	-0.03
38) Acenaphthene-d10	12.554	164	186558	20.00	ng	-0.03
63) Phenanthrene-d10	14.954	188	371227	20.00	ng	-0.03
75) Chrysene-d12	18.630	240	288665	20.00	ng	-0.02
86) Perylene-d12	20.300	264	226935	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	403655	72.09	ng	-0.03
7) Phenol-d6	7.254	99	280310	41.72	ng	-0.02
23) Nitrobenzene-d5	8.607	82	627093	98.76	ng	-0.03
41) 2,4,6-Tribromophenol	13.854	330	240775	157.59	ng	-0.03
44) 2-Fluorobiphenyl	11.501	172	1220160	94.14	ng	-0.03
78) Terphenyl-d14	17.289	244	1061524	81.00	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.936	79	9512	2.20	ng	# 47
19) n-Nitroso-di-n-propyla...	8.607	70	76658	16.87	ng	# 78
50) 2,6-Dinitrotoluene	12.554	165	15684	5.02	ng	# 31

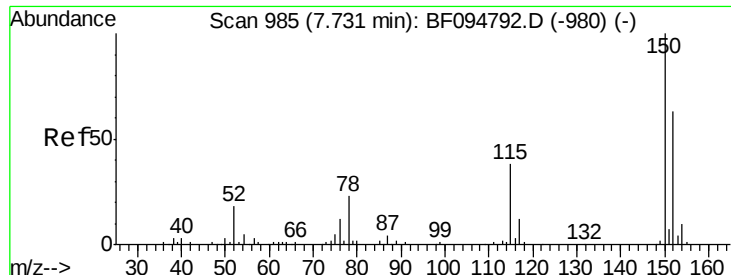
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.701 min Scan# 98

Delta R.T. -0.029 min

Lab File: BF095082.D

Acq: 11 May 2017 16:21

Instrument :

BNA_F

ClientSampleId :

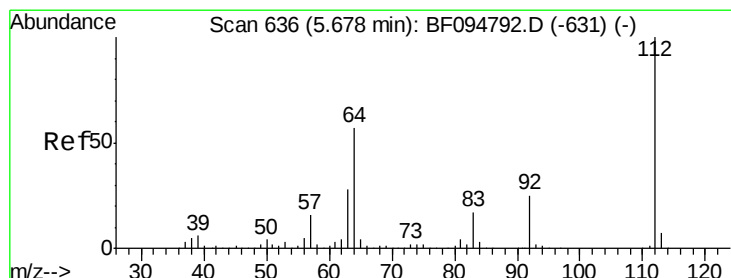
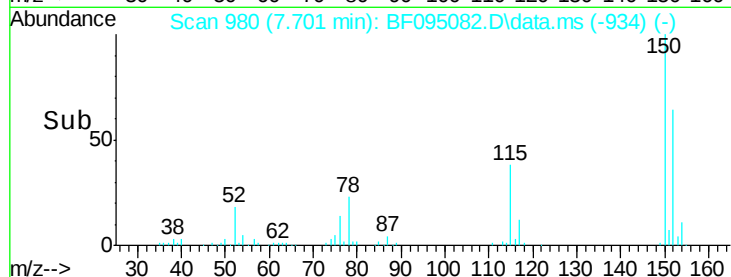
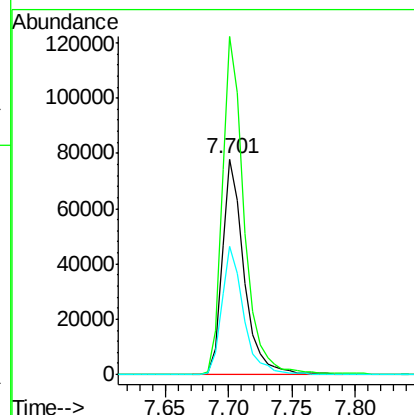
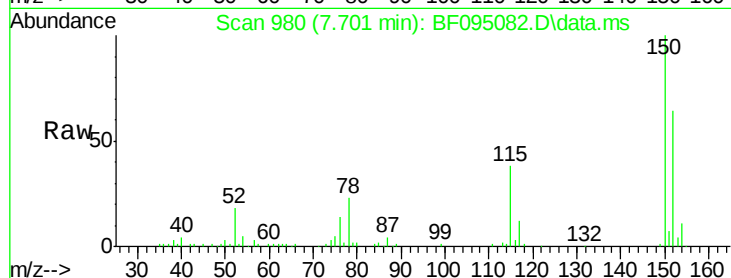
Tot Ion:152 Resp: 93353

Ion Ratio Lower Upper

152 100

150 156.6 126.2 189.2

115 59.2 52.2 78.2



#5

2-Fluorophenol

Concen: 72.09 ng

RT: 5.648 min Scan# 631

Delta R.T. -0.029 min

Lab File: BF095082.D

Acq: 11 May 2017 16:21

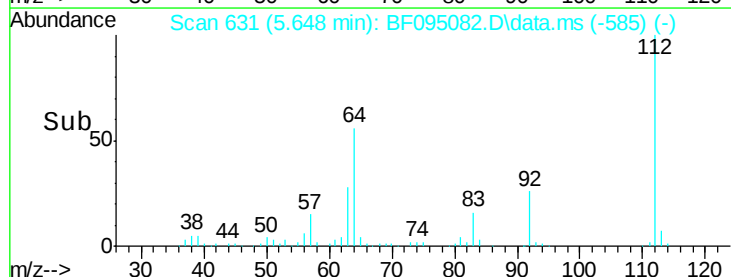
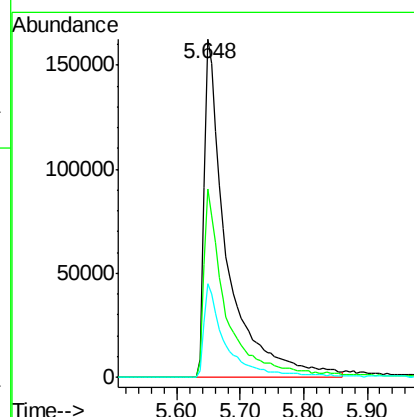
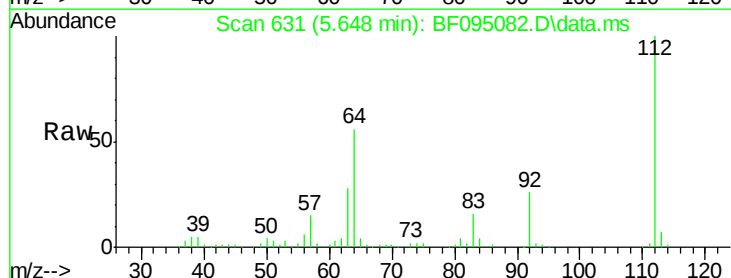
Tgt Ion:112 Resp: 403655

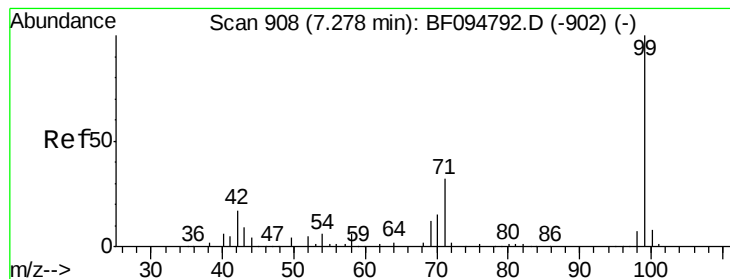
Ion Ratio Lower Upper

112 100

64 55.8 46.0 69.0

63 27.5 23.4 35.0





#7

Phenol-d6

Concen: 41.72 ng

RT: 7.254 min Scan# 90

Delta R.T. -0.023 min

Lab File: BF095082.D

Acq: 11 May 2017 16:21

Instrument :

BNA_F

ClientSampleId :

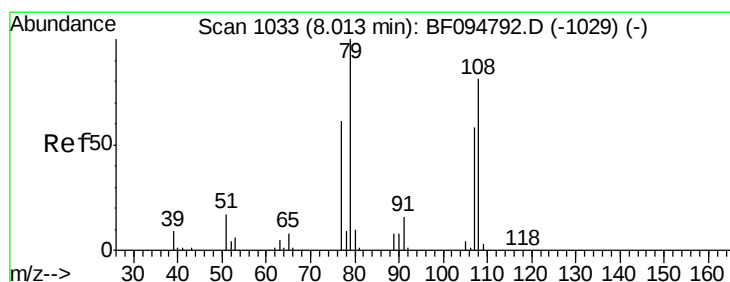
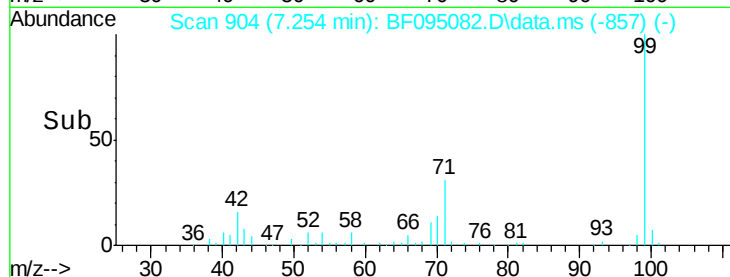
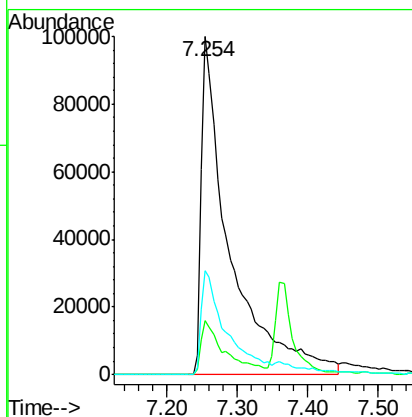
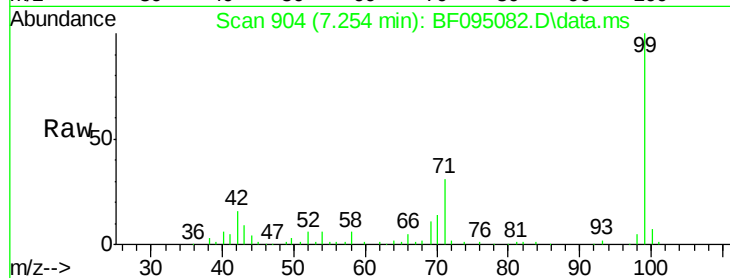
Tot Ion: 99 Resp: 280310

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 30.7 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 7.936 min Scan# 1020

Delta R.T. -0.076 min

Lab File: BF095082.D

Acq: 11 May 2017 16:21

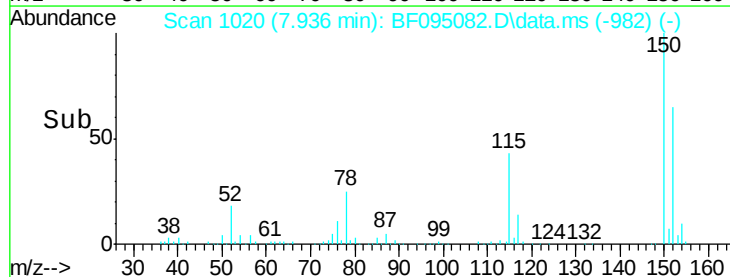
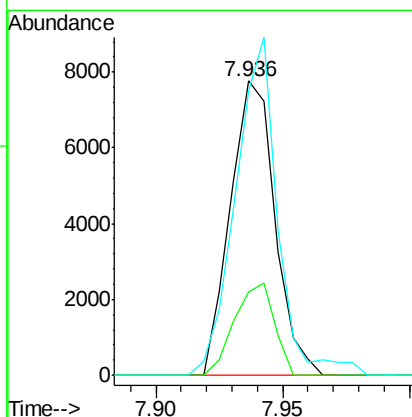
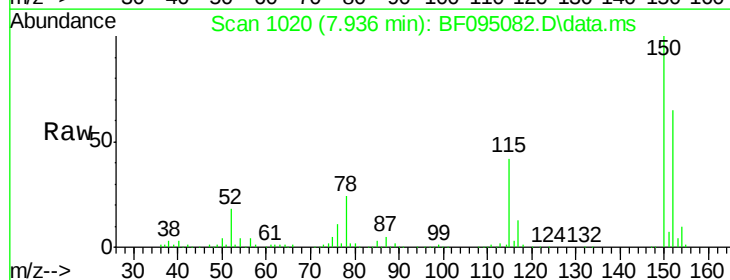
Tgt Ion: 79 Resp: 9512

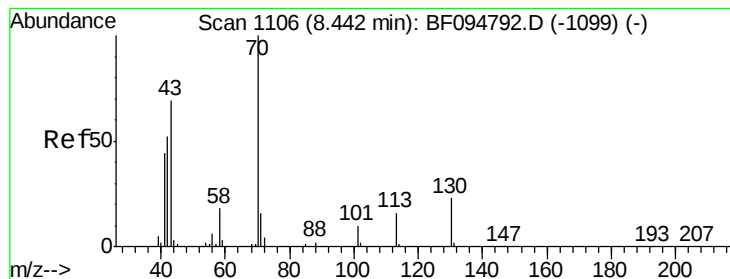
Ion Ratio Lower Upper

79 100

108 28.5 63.4 95.0#

77 96.7 49.2 73.8#





#19

n-Nitroso-di-n-propylamine

Concen: 16.87 ng

RT: 8.607 min Scan# 11

Delta R.T. 0.165 min

Lab File: BF095082.D

Acq: 11 May 2017 16:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 76658

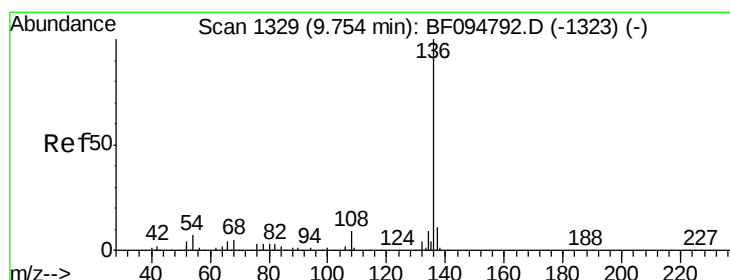
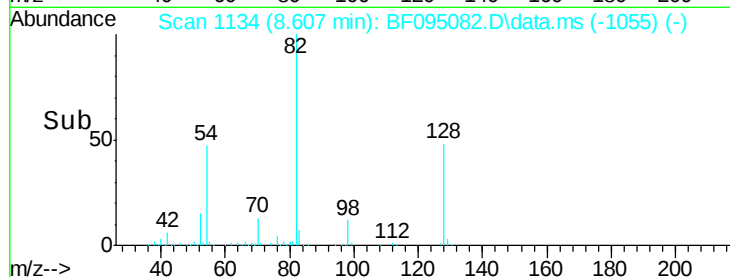
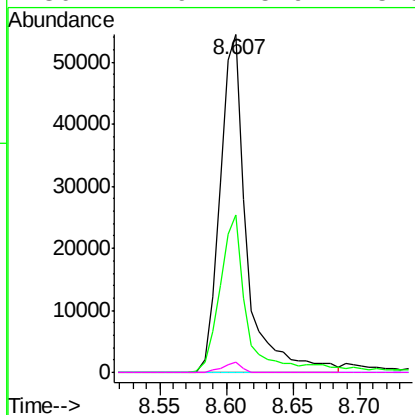
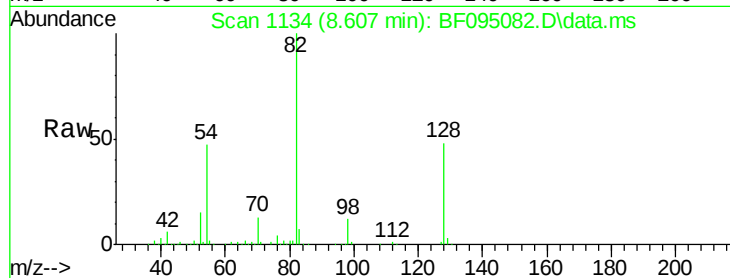
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.725 min Scan# 1324

Delta R.T. -0.029 min

Lab File: BF095082.D

Acq: 11 May 2017 16:21

Tgt Ion: 136 Resp: 400402

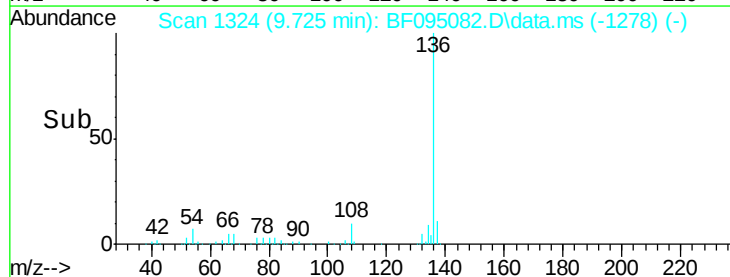
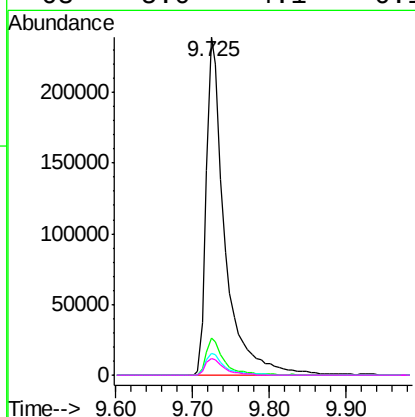
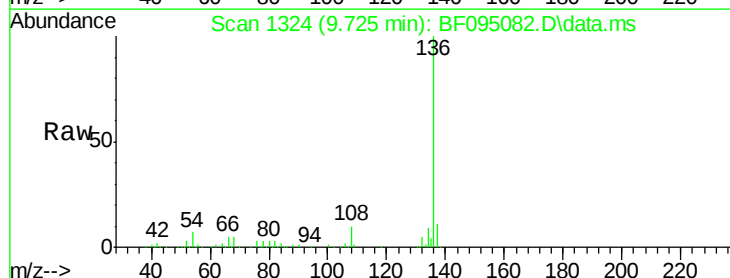
Ion Ratio Lower Upper

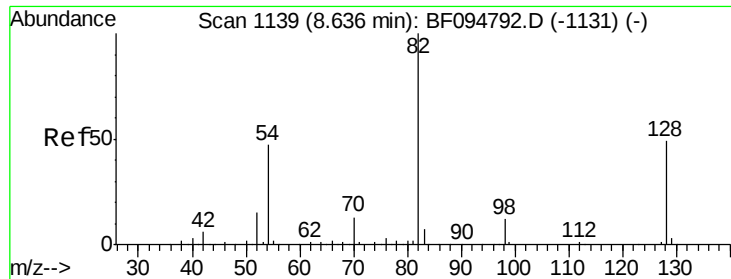
136 100

137 11.0 8.5 12.7

54 6.6 4.9 7.3

68 5.0 4.1 6.1

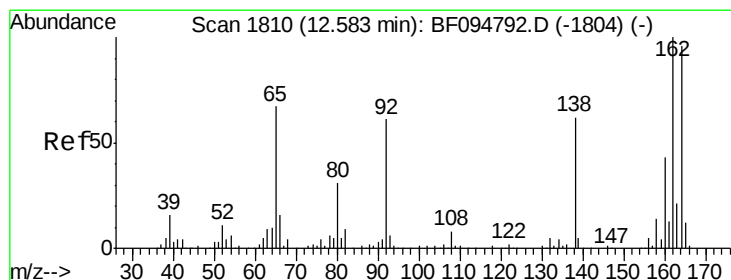
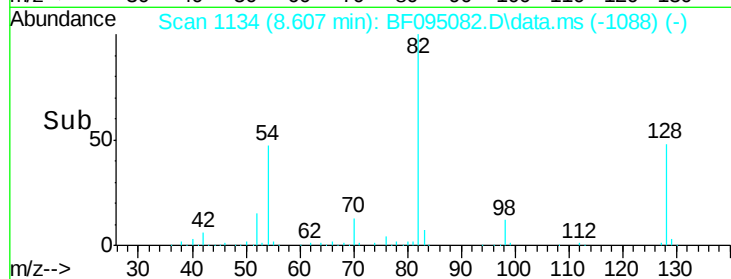
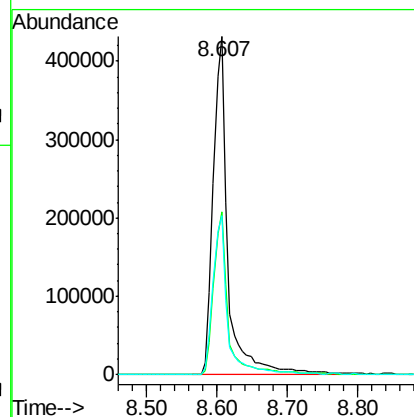
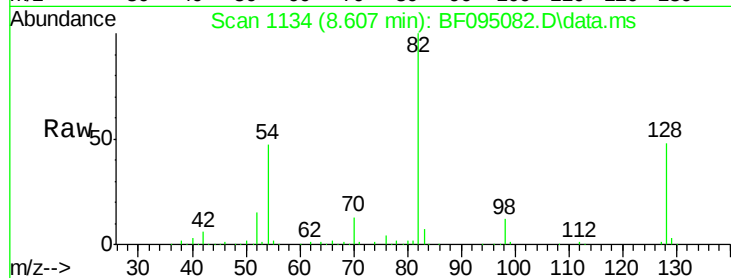




#23
 Nitrobenzene-d5
 Concen: 98.76 ng
 RT: 8.607 min Scan# 11
 Delta R.T. -0.029 min
 Lab File: BF095082.D
 Acq: 11 May 2017 16:21

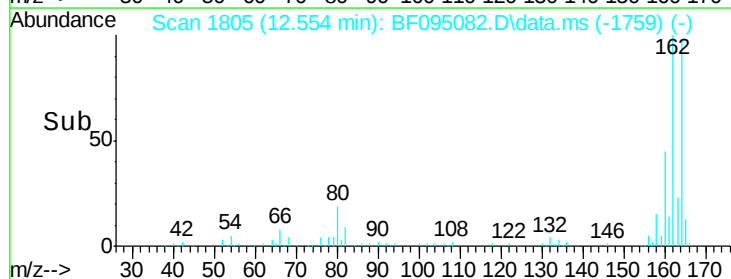
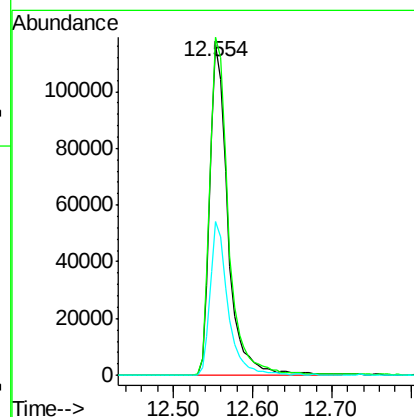
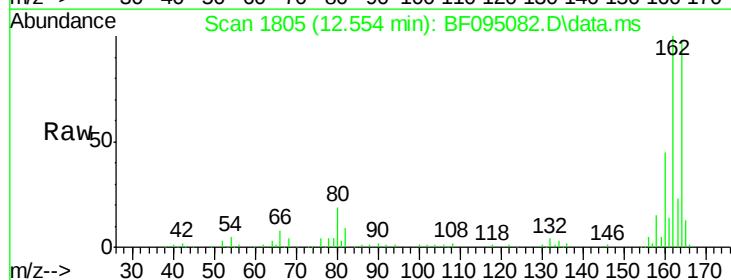
Instrument :
 BNA_F
 ClientSampleId :

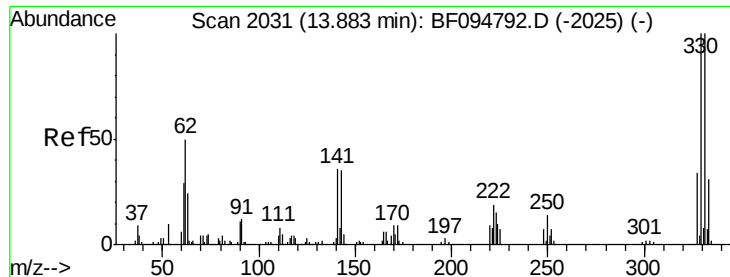
Tot Ion: 82 Resp: 627093
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 47.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.554 min Scan# 1805
 Delta R.T. -0.029 min
 Lab File: BF095082.D
 Acq: 11 May 2017 16:21

Tgt Ion: 164 Resp: 186558
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 46.4 36.2 54.2

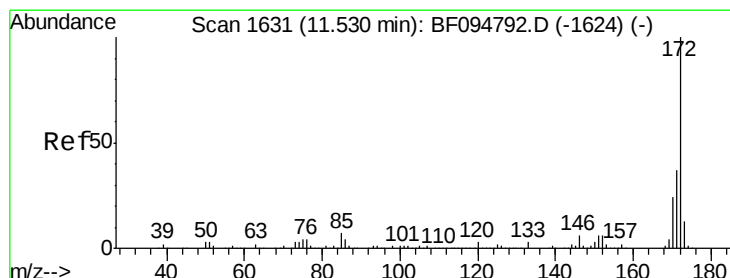
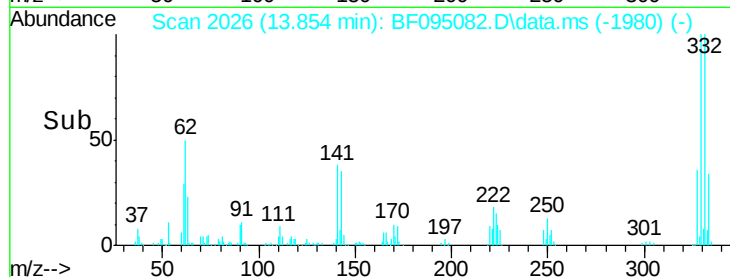
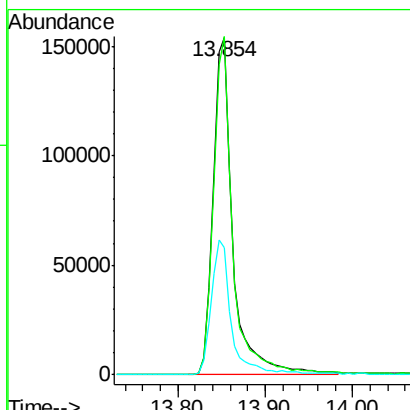
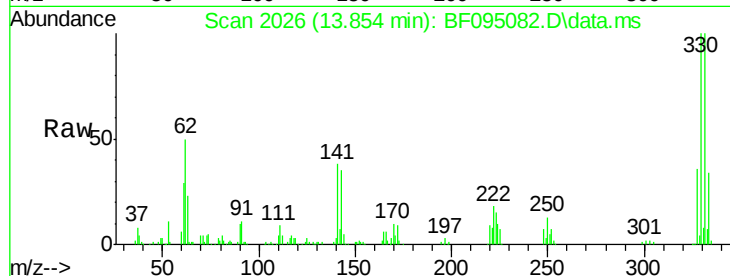




#41
 2,4,6-Tribromophenol
 Concen: 157.59 ng
 RT: 13.854 min Scan# 2031
 Delta R.T. -0.029 min
 Lab File: BF095082.D
 Acq: 11 May 2017 16:21

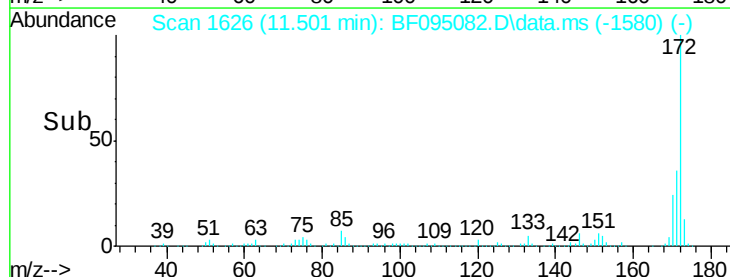
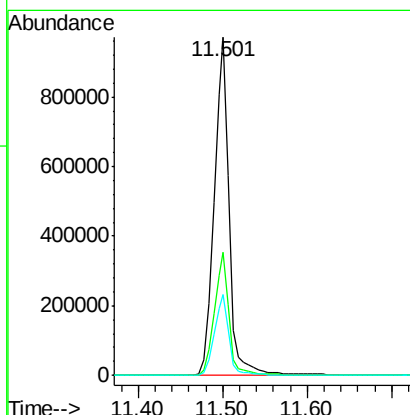
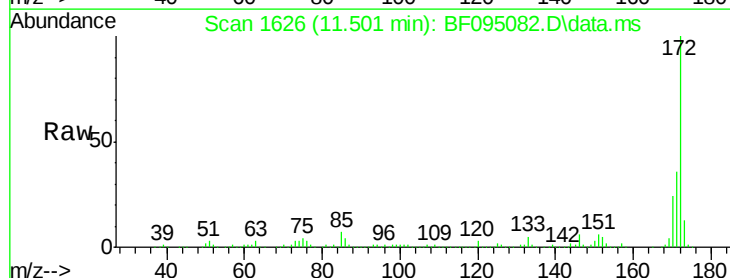
Instrument :
 BNA_F
 ClientSampleId :

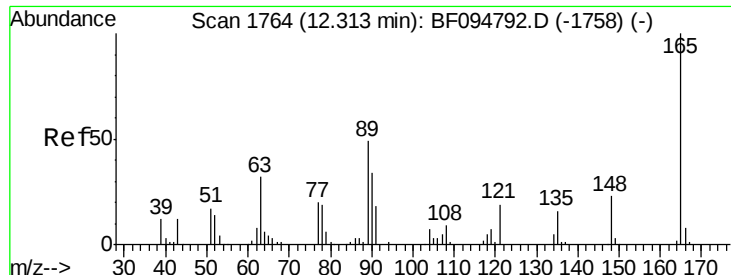
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	40.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 94.14 ng
 RT: 11.501 min Scan# 1626
 Delta R.T. -0.029 min
 Lab File: BF095082.D
 Acq: 11 May 2017 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8

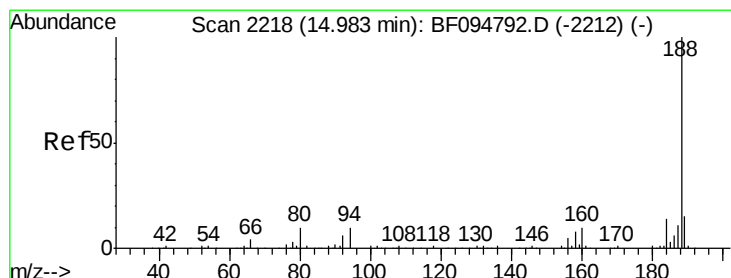
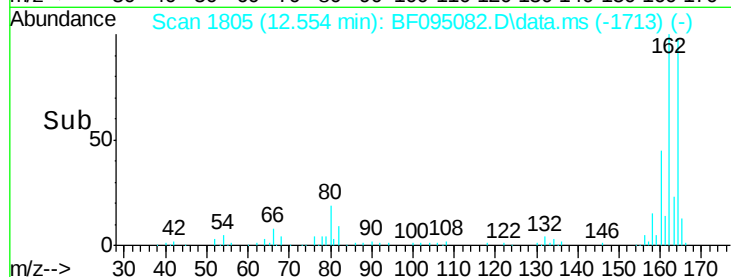
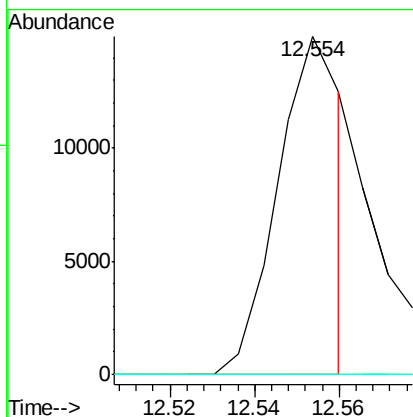
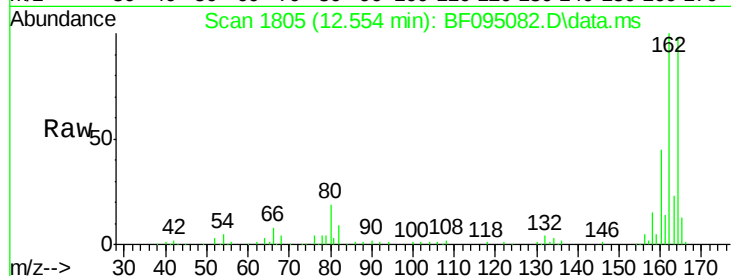




#50
 2,6-Dinitrotoluene
 Concen: 5.02 ng
 RT: 12.554 min Scan# 18
 Delta R.T. 0.241 min
 Lab File: BF095082.D
 Acq: 11 May 2017 16:21

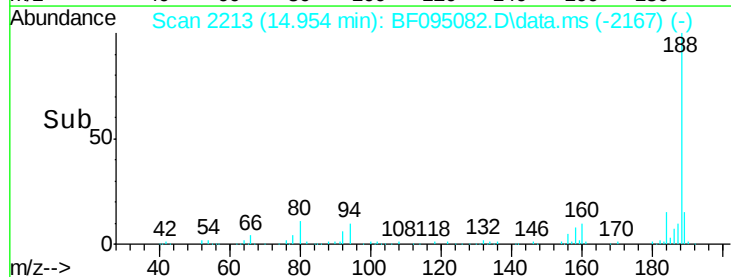
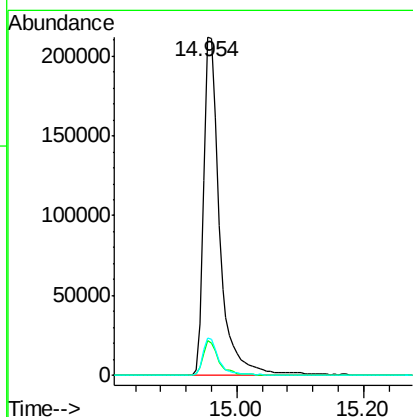
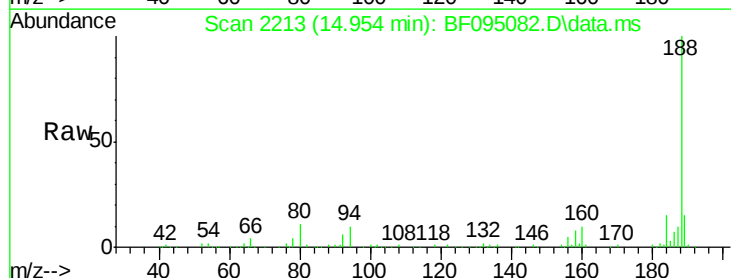
Instrument :
 BNA_F
 ClientSampleId :

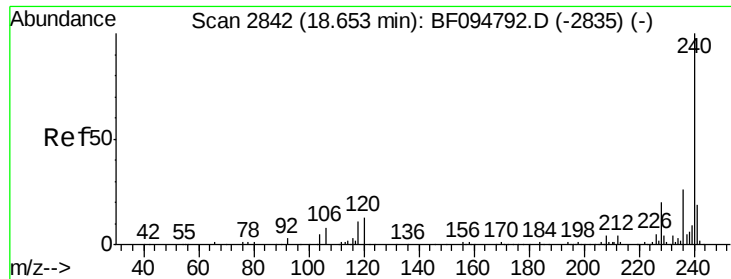
Tot Ion:165 Resp: 15684
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.954 min Scan# 2213
 Delta R.T. -0.029 min
 Lab File: BF095082.D
 Acq: 11 May 2017 16:21

Tgt Ion:188 Resp: 371227
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.630 min Scan# 2842

Delta R.T. -0.023 min

Lab File: BF095082.D

Acq: 11 May 2017 16:21

Instrument :

BNA_F

ClientSampleId :

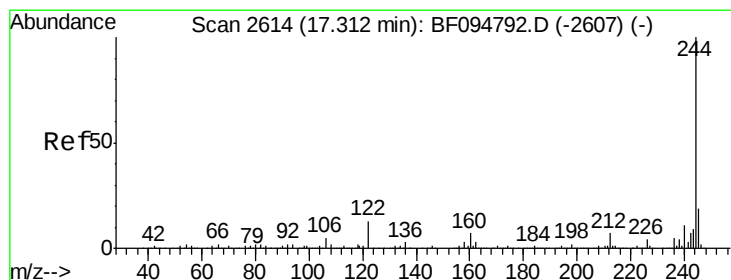
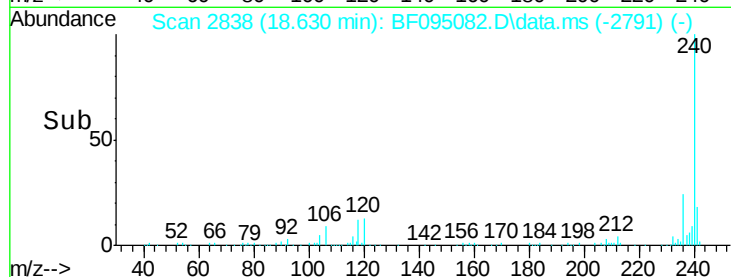
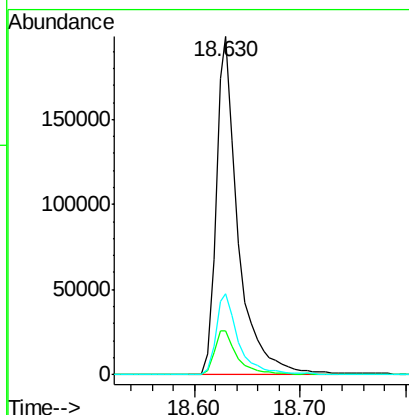
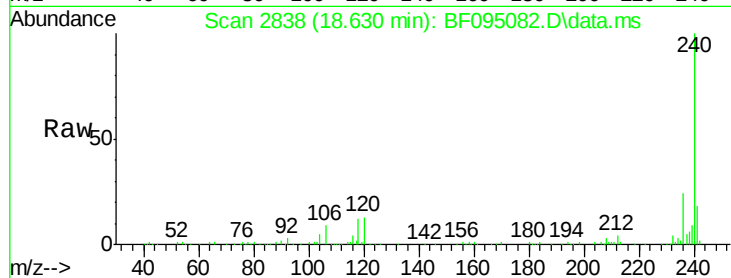
Tot Ion:240 Resp: 288665

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

236 24.0 20.5 30.7



#78

Terphenyl-d14

Concen: 81.00 ng

RT: 17.289 min Scan# 2610

Delta R.T. -0.023 min

Lab File: BF095082.D

Acq: 11 May 2017 16:21

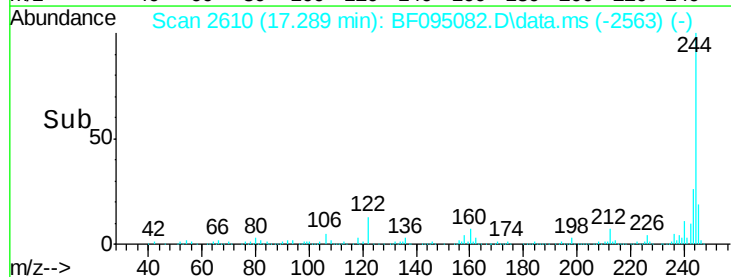
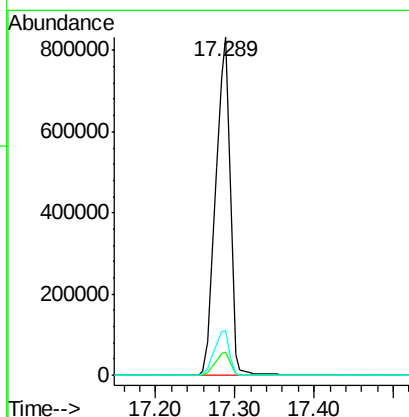
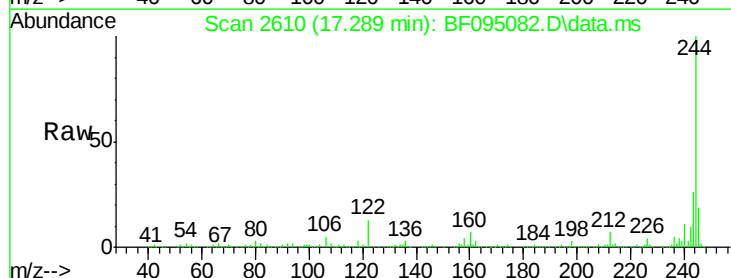
Tgt Ion:244 Resp: 1061524

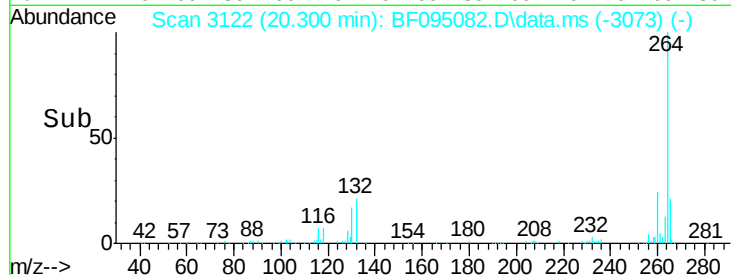
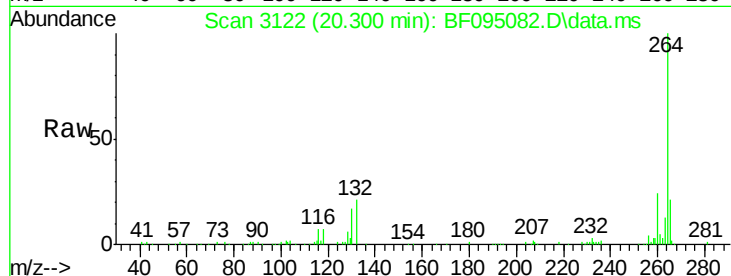
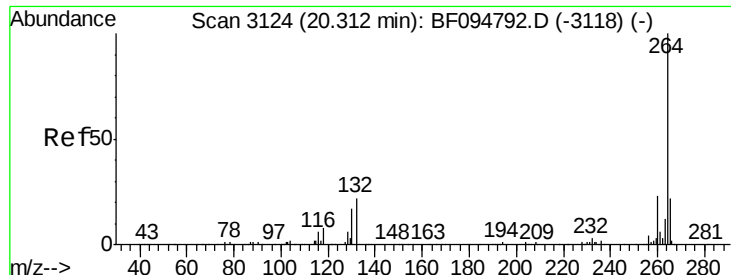
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 13.3 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.300 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BF095082.D
 Acq: 11 May 2017 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	226935
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8

