

Data Path : Z:\HPCHEM1\BNA F\Data\BF051117\
 Data File : BF095084.D
 Acq On : 11 May 2017 17:27
 Operator : SJ/MA
 Sample : PB98865BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 11 18:25:57 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

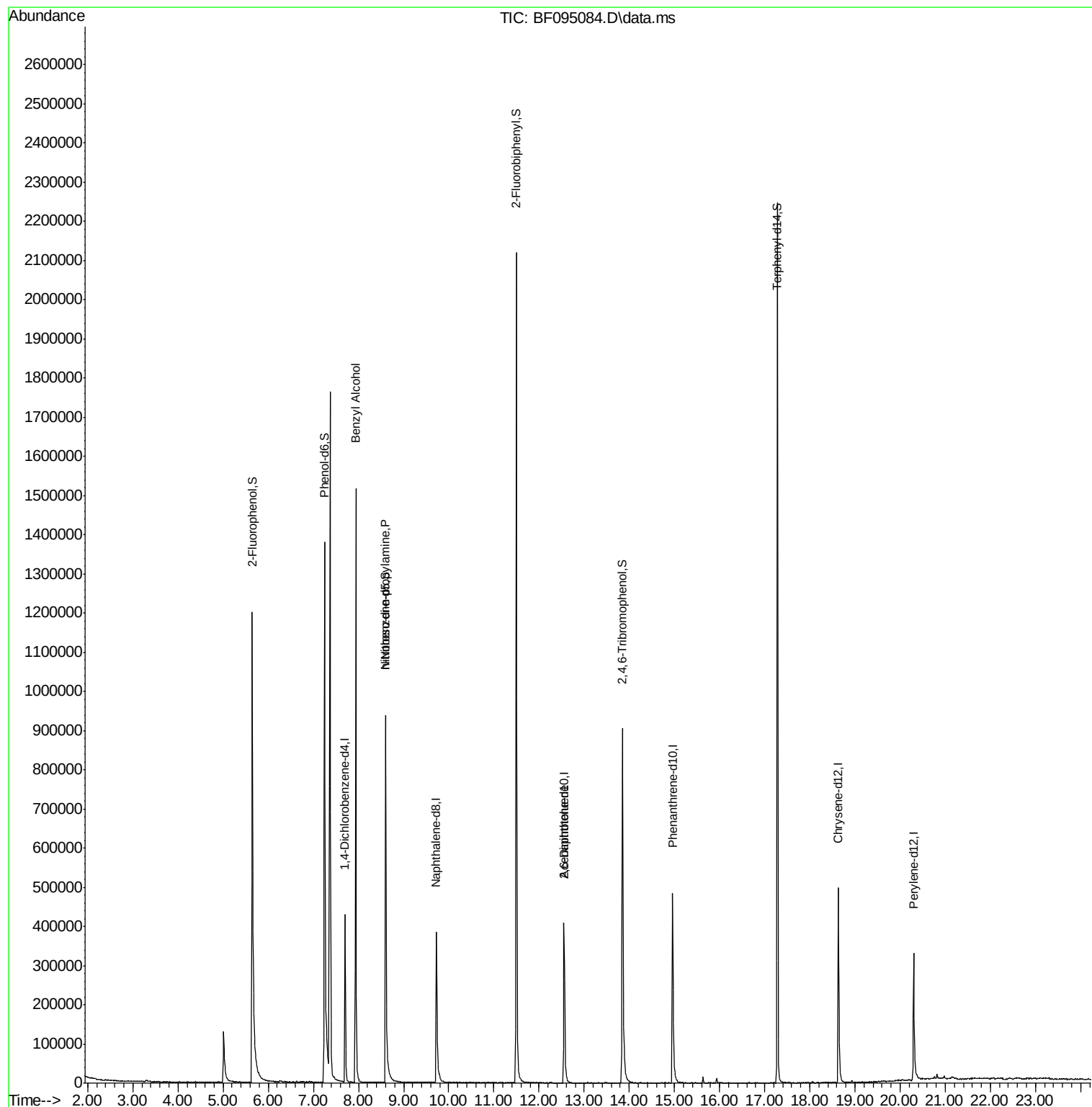
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.701	152	90750	20.00	ng	-0.03
21) Naphthalene-d8	9.725	136	374831	20.00	ng	-0.03
38) Acenaphthene-d10	12.554	164	159193	20.00	ng	-0.03
63) Phenanthrene-d10	14.960	188	346768	20.00	ng	-0.02
75) Chrysene-d12	18.630	240	304167	20.00	ng	-0.02
86) Perylene-d12	20.300	264	206253	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	732940	134.65	ng	-0.03
7) Phenol-d6	7.248	99	886657	135.76	ng	-0.03
23) Nitrobenzene-d5	8.601	82	514767	86.60	ng	-0.04
41) 2,4,6-Tribromophenol	13.848	330	192199	147.42	ng	-0.04
44) 2-Fluorobiphenyl	11.501	172	1047346	94.70	ng	-0.03
78) Terphenyl-d14	17.283	244	945386	68.46	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.937	79	8493	2.02	ng	# 41
19) n-Nitroso-di-n-propyla...	8.601	70	63243	14.32	ng	# 77
50) 2,6-Dinitrotoluene	12.554	165	13065	4.90	ng	# 31

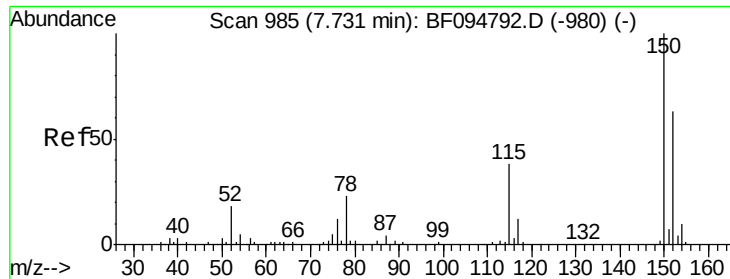
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF095084.D

Acq: 11 May 2017 17:27

Instrument :

BNA_F

ClientSampleId :

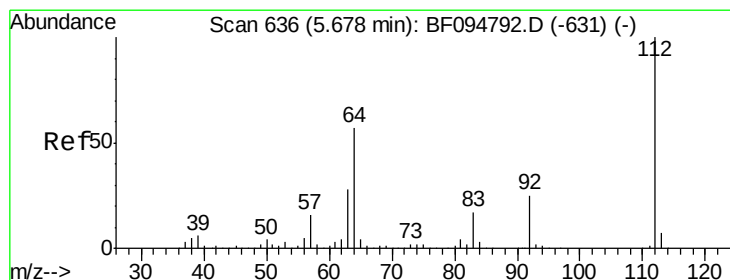
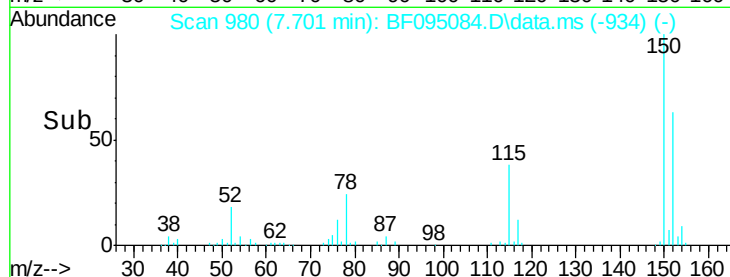
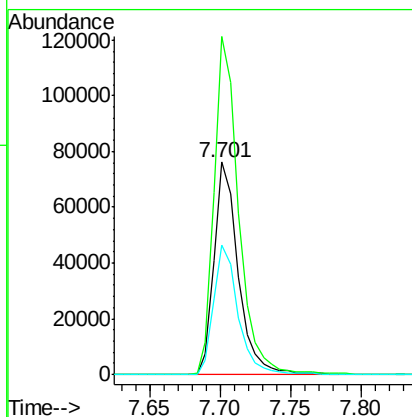
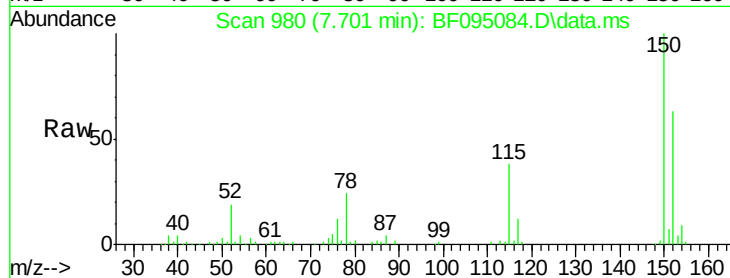
Tot Ion:152 Resp: 90750

Ion Ratio Lower Upper

152 100

150 159.3 126.2 189.2

115 61.1 52.2 78.2



#5

2-Fluorophenol

Concen: 134.65 ng

RT: 5.648 min Scan# 631

Delta R.T. -0.029 min

Lab File: BF095084.D

Acq: 11 May 2017 17:27

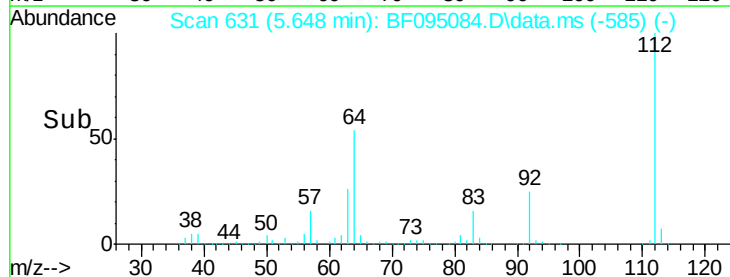
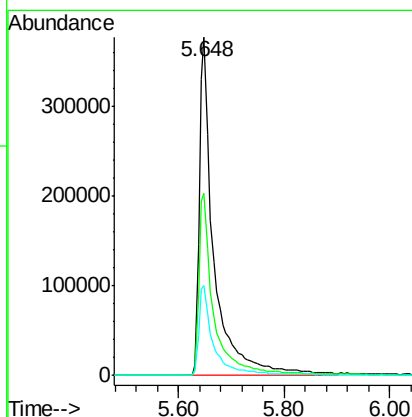
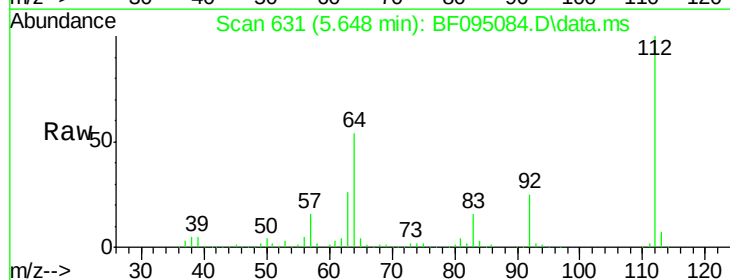
Tgt Ion:112 Resp: 732940

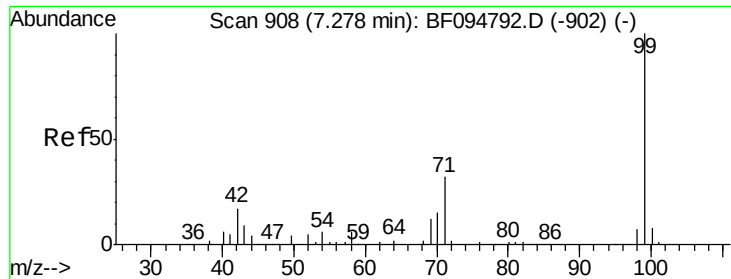
Ion Ratio Lower Upper

112 100

64 54.0 46.0 69.0

63 26.4 23.4 35.0





#7

Phenol-d6

Concen: 135.76 ng

RT: 7.248 min Scan# 90

Delta R.T. -0.029 min

Lab File: BF095084.D

Acq: 11 May 2017 17:27

Instrument :

BNA_F

ClientSampled :

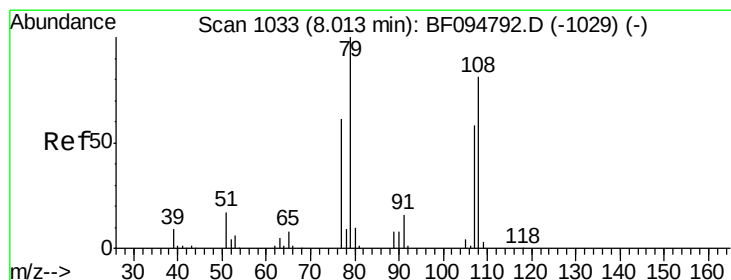
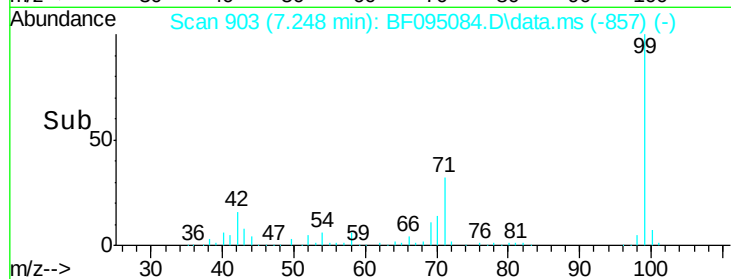
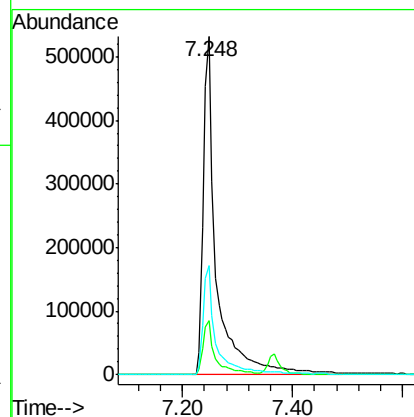
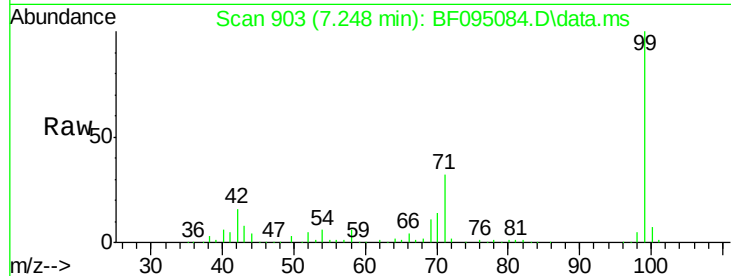
Tot Ion: 99 Resp: 886657

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 32.2 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.937 min Scan# 1020

Delta R.T. -0.076 min

Lab File: BF095084.D

Acq: 11 May 2017 17:27

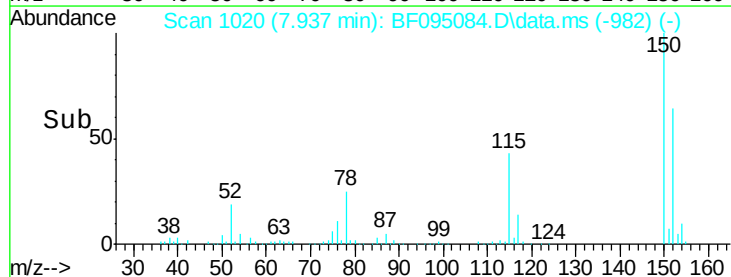
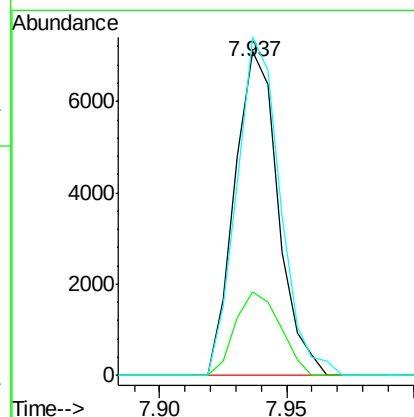
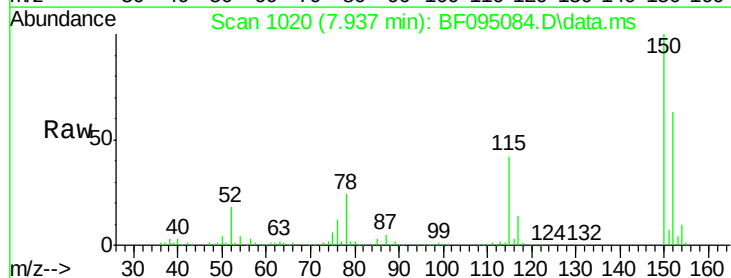
Tgt Ion: 79 Resp: 8493

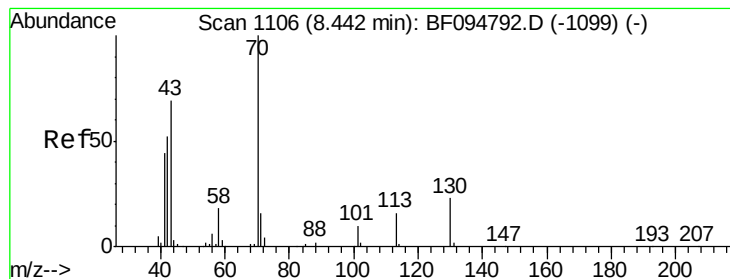
Ion Ratio Lower Upper

79 100

108 25.6 63.4 95.0#

77 104.1 49.2 73.8#





#19

n-Nitroso-di-n-propylamine

Concen: 14.32 ng

RT: 8.601 min Scan# 11

Delta R.T. 0.159 min

Lab File: BF095084.D

Acq: 11 May 2017 17:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 63243

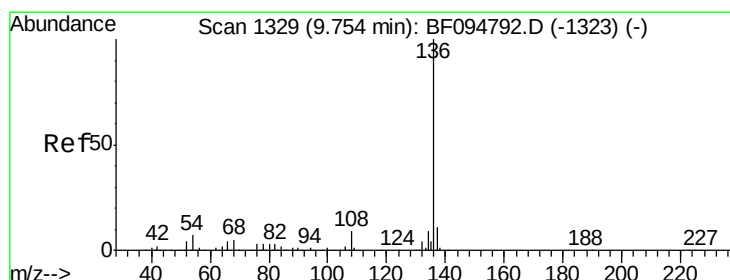
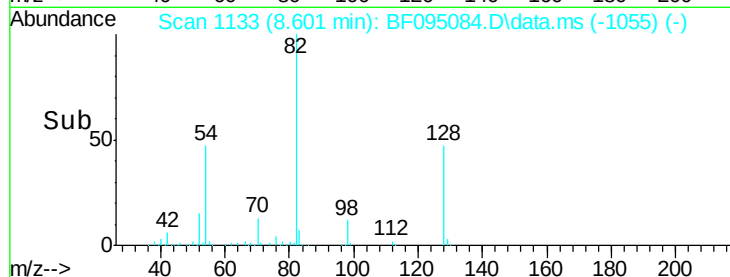
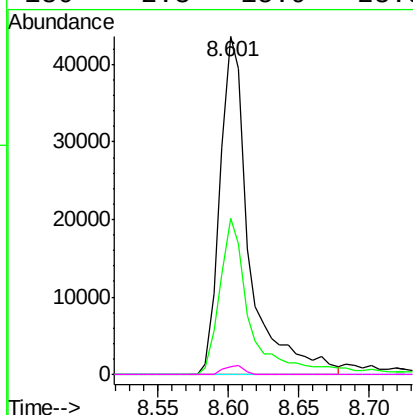
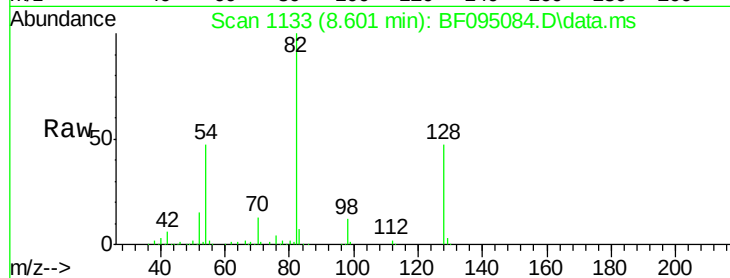
Ion Ratio Lower Upper

70 100

42 46.3 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: 9.725 min Scan# 1324

Delta R.T. -0.029 min

Lab File: BF095084.D

Acq: 11 May 2017 17:27

Tgt Ion: 136 Resp: 374831

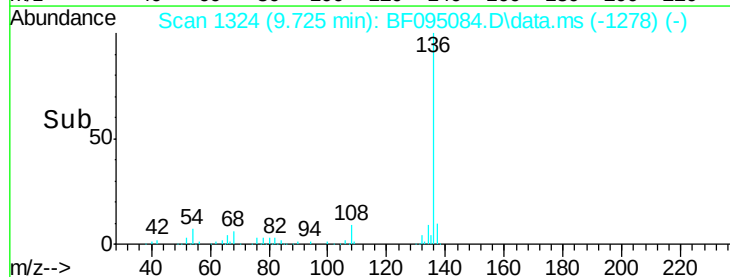
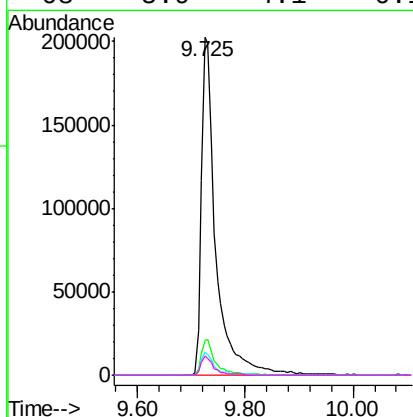
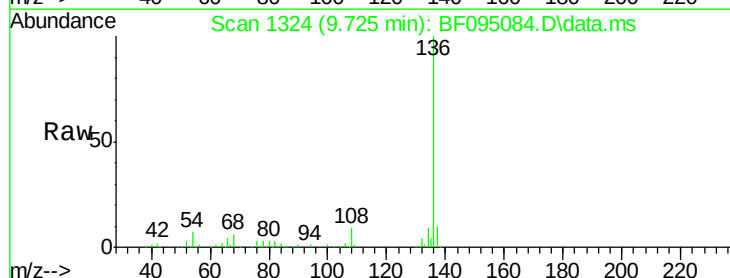
Ion Ratio Lower Upper

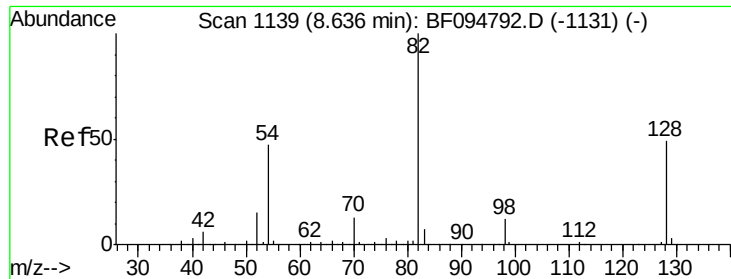
136 100

137 10.4 8.5 12.7

54 6.8 4.9 7.3

68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 86.60 ng

RT: 8.601 min Scan# 11

Delta R.T. -0.035 min

Lab File: BF095084.D

Acq: 11 May 2017 17:27

Instrument :

BNA_F

ClientSampleId :

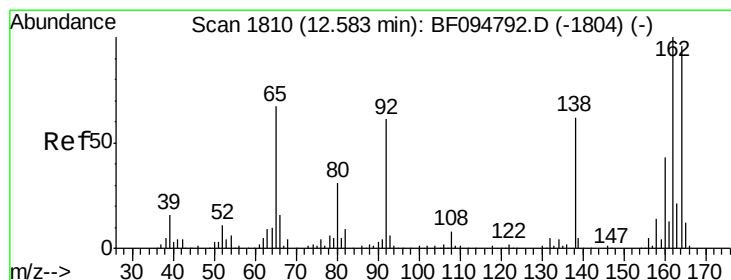
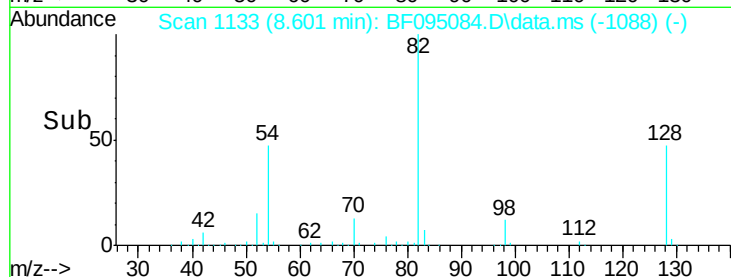
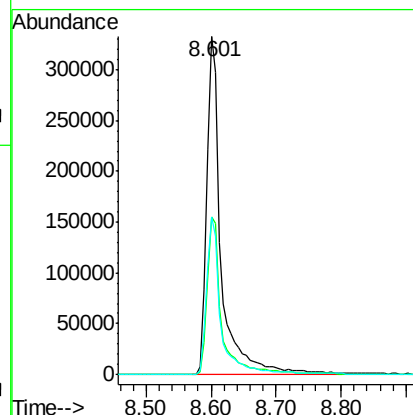
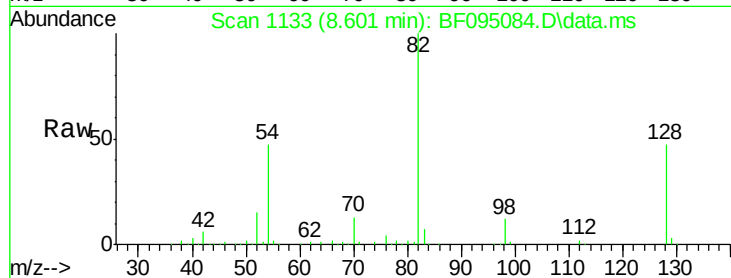
Tot Ion: 82 Resp: 514767

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

54 46.7 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: BF095084.D

Acq: 11 May 2017 17:27

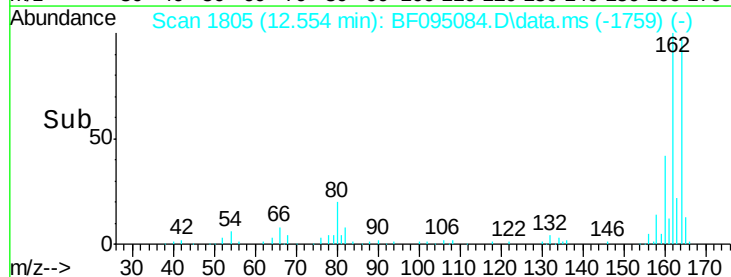
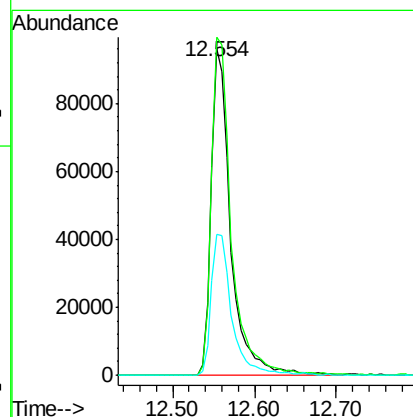
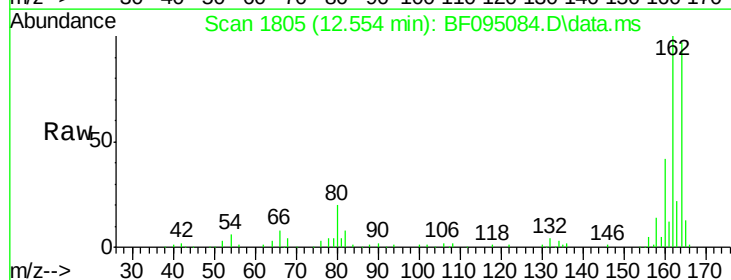
Tgt Ion: 164 Resp: 159193

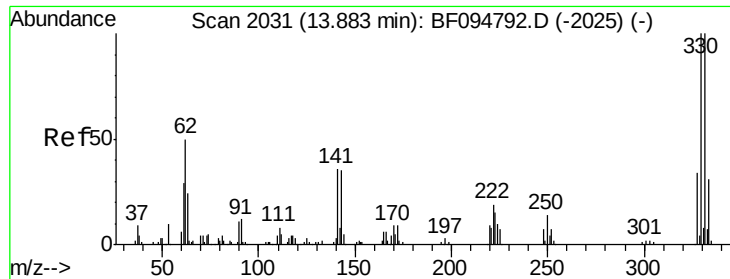
Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

160 43.2 36.2 54.2

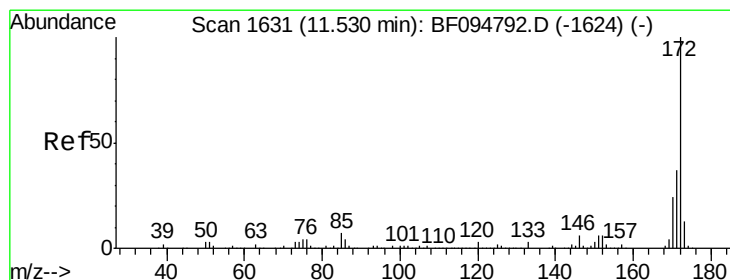
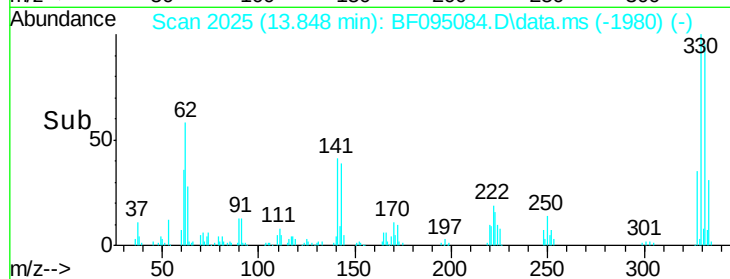
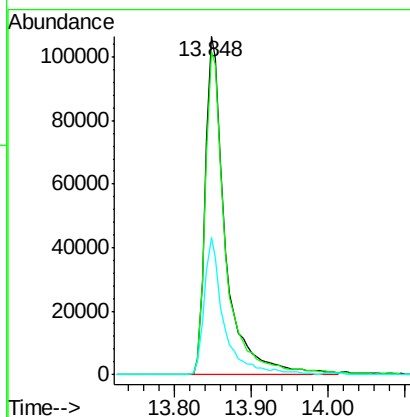
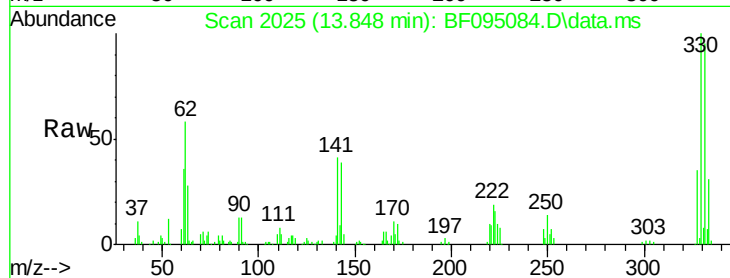




#41
 2,4,6-Tribromophenol
 Concen: 147.42 ng
 RT: 13.848 min Scan# 2031
 Delta R.T. -0.035 min
 Lab File: BF095084.D
 Acq: 11 May 2017 17:27

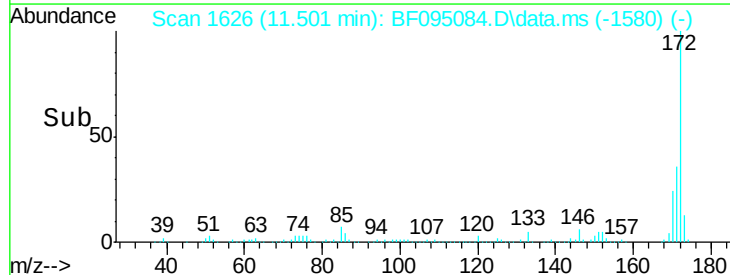
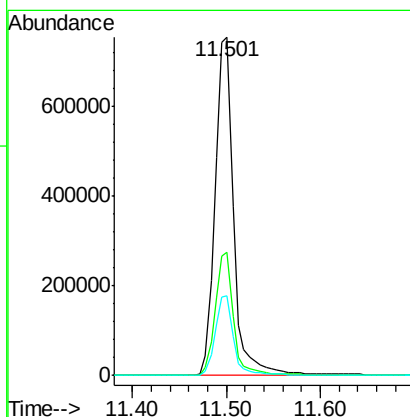
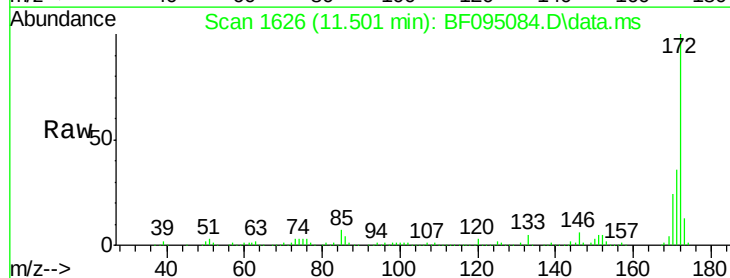
Instrument :
 BNA_F
 ClientSampleId :

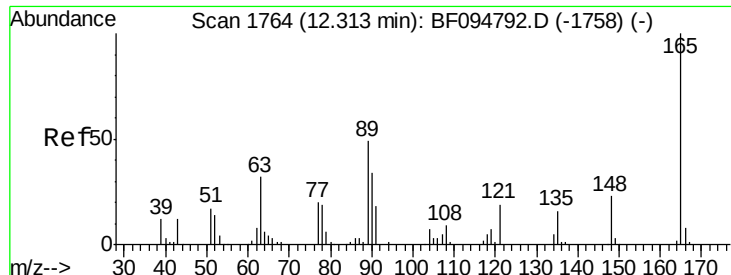
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 94.70 ng
 RT: 11.501 min Scan# 1626
 Delta R.T. -0.029 min
 Lab File: BF095084.D
 Acq: 11 May 2017 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.5	19.8	29.8

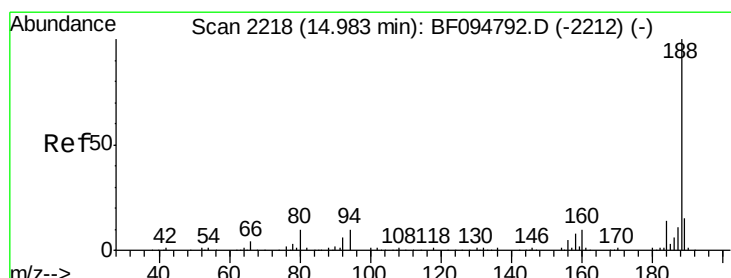
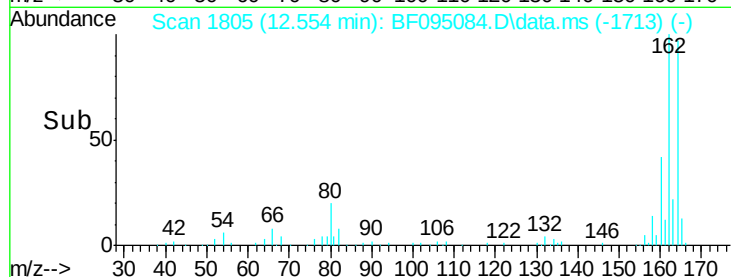
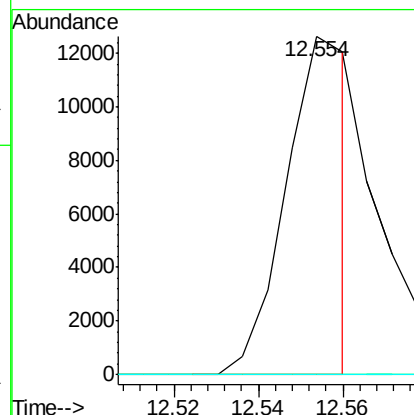
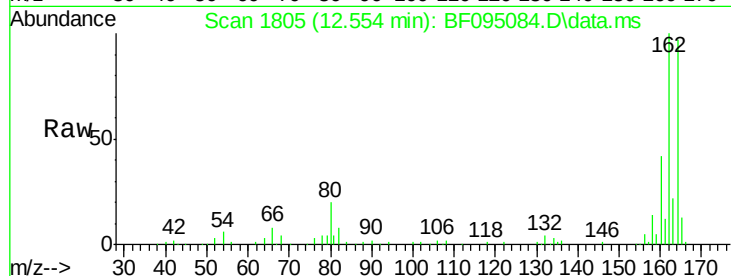




#50
 2,6-Dinitrotoluene
 Concen: 4.90 ng
 RT: 12.554 min Scan# 18
 Delta R.T. 0.241 min
 Lab File: BF095084.D
 Acq: 11 May 2017 17:27

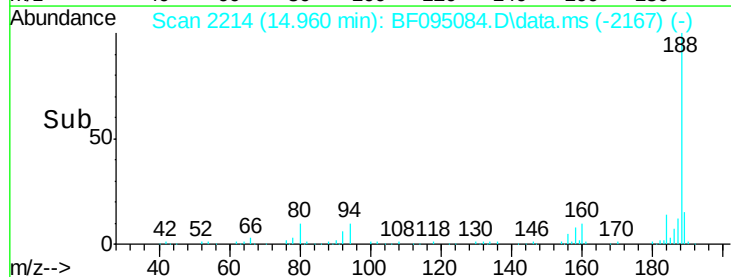
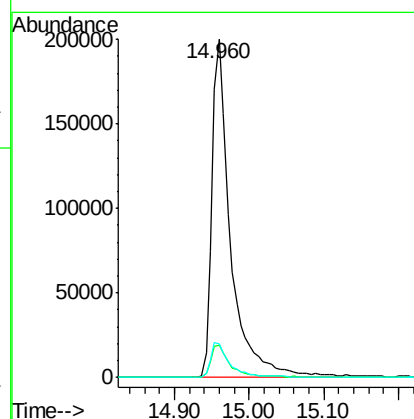
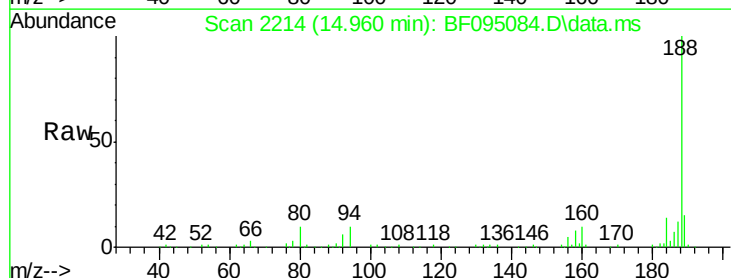
Instrument :
 BNA_F
 ClientSampleId :

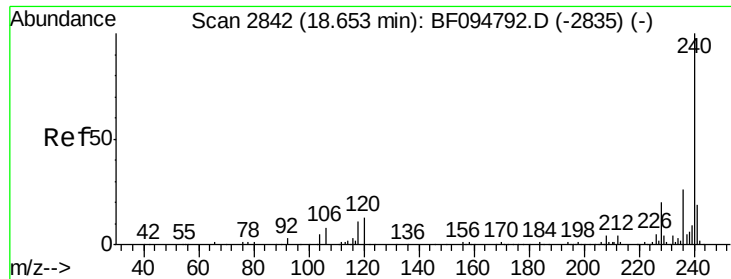
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.960 min Scan# 2214
 Delta R.T. -0.023 min
 Lab File: BF095084.D
 Acq: 11 May 2017 17:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.1	10.2	15.2#

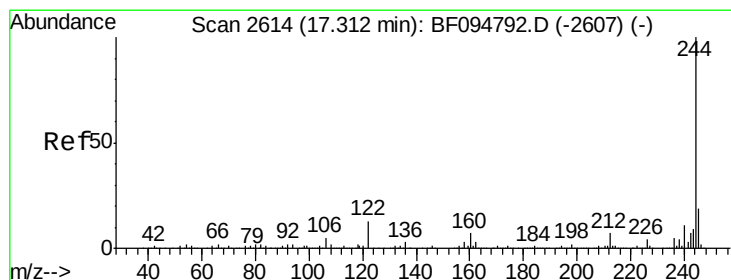
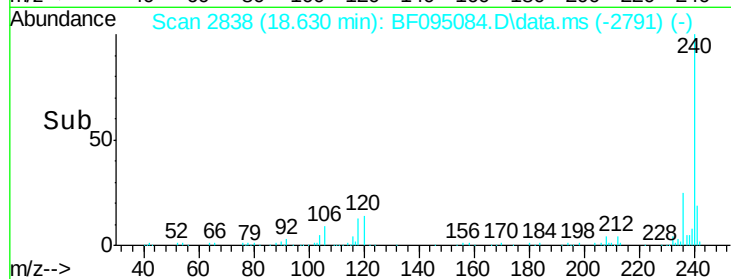
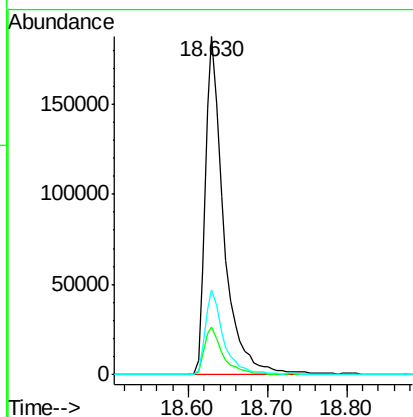
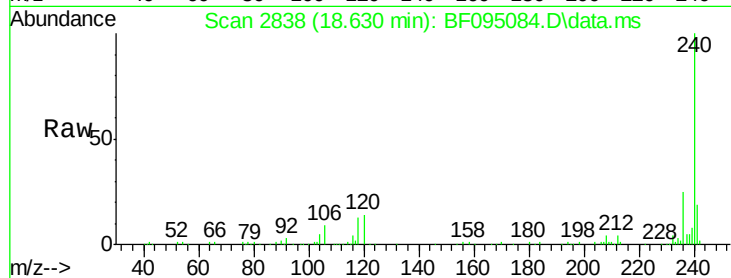




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.630 min Scan# 2842
 Delta R.T. -0.023 min
 Lab File: BF095084.D
 Acq: 11 May 2017 17:27

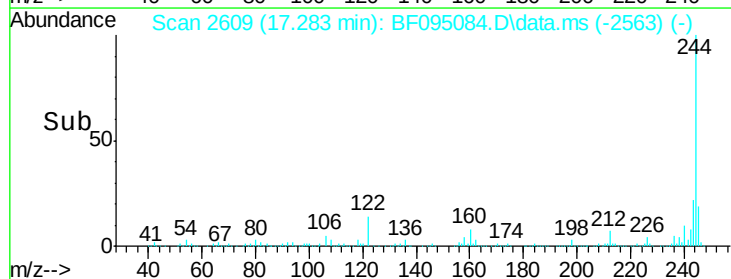
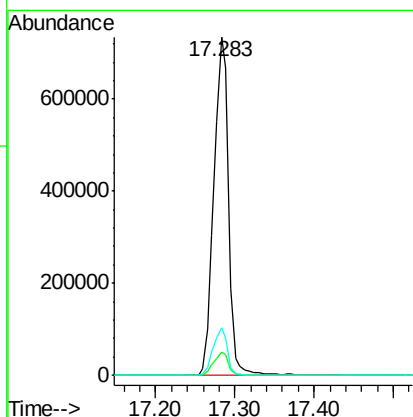
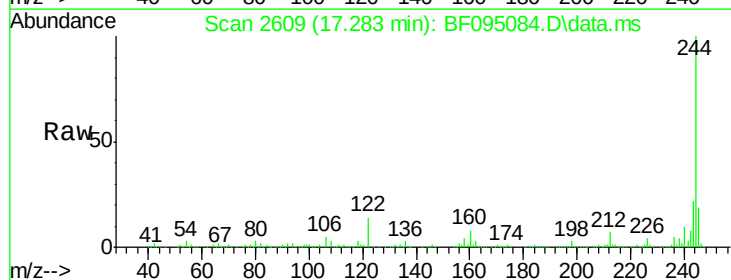
Instrument :
 BNA_F
 ClientSampleId :

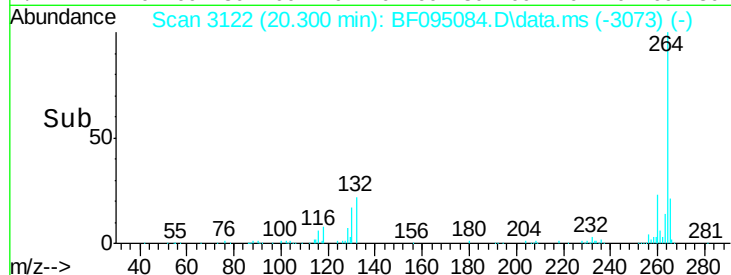
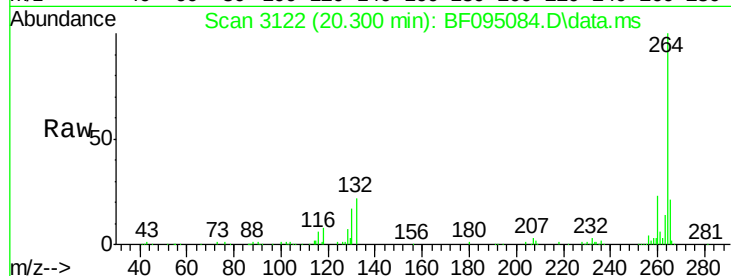
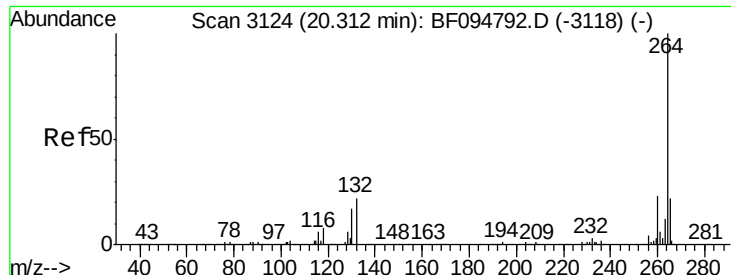
Tot Ion:240 Resp: 304167
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 68.46 ng
 RT: 17.283 min Scan# 2609
 Delta R.T. -0.029 min
 Lab File: BF095084.D
 Acq: 11 May 2017 17:27

Tgt Ion:244 Resp: 945386
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 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: BF095084.D
 Acq: 11 May 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	206253
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	21.1	17.2	25.8

