

Data Path : Z:\HPCHEM1\BNA F\Data\BF051117\
 Data File : BF095081.D
 Acq On : 11 May 2017 15:48
 Operator : SJ/MA
 Sample : PB98841BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 11 16:24:34 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

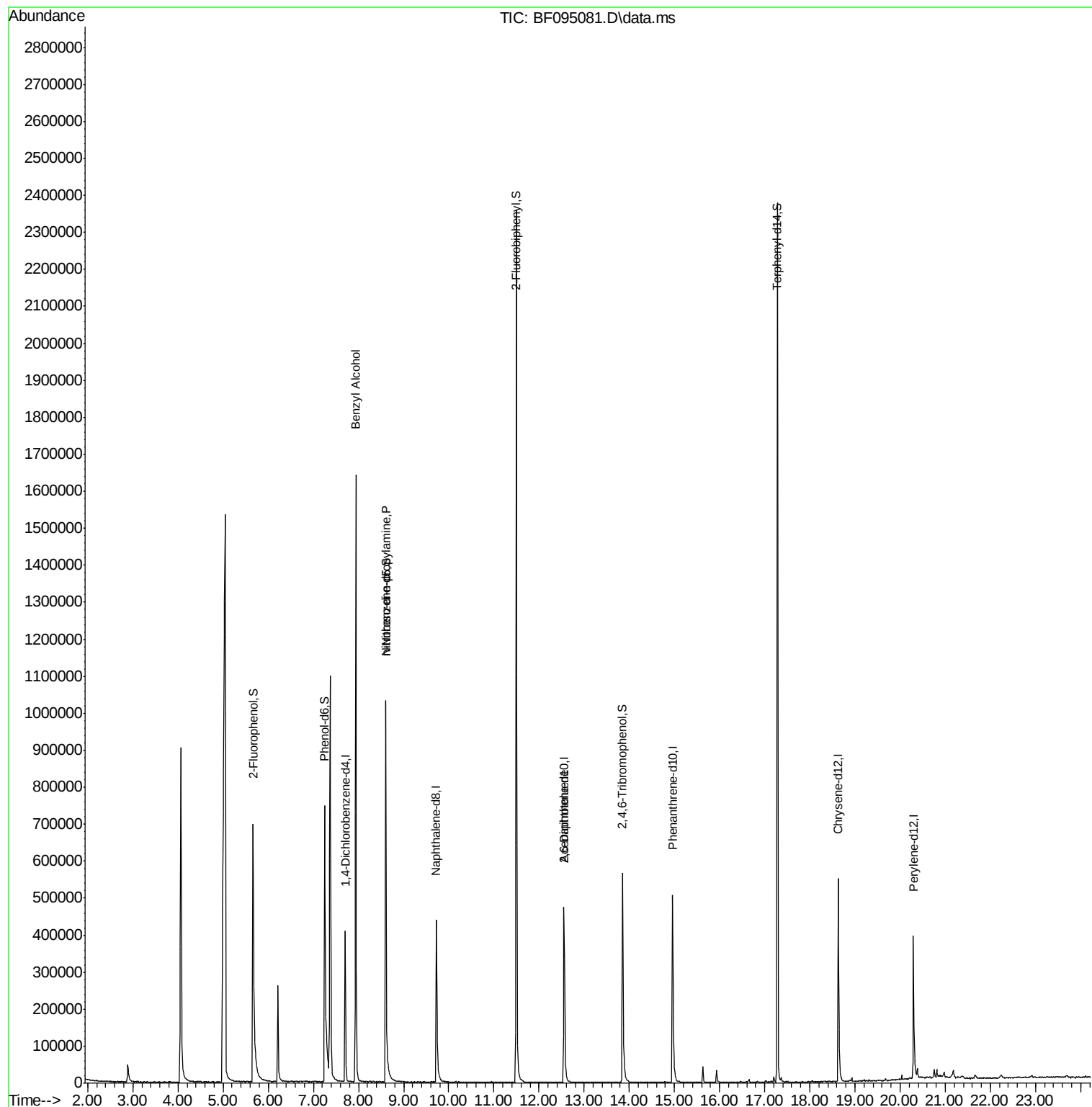
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.707	152	93649	20.00	ng	-0.02
21) Naphthalene-d8	9.725	136	389385	20.00	ng	-0.03
38) Acenaphthene-d10	12.554	164	185034	20.00	ng	-0.03
63) Phenanthrene-d10	14.960	188	361547	20.00	ng	-0.02
75) Chrysene-d12	18.630	240	318999	20.00	ng	-0.02
86) Perylene-d12	20.294	264	216956	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	453173	80.68	ng	-0.01
7) Phenol-d6	7.248	99	587424	87.16	ng	-0.03
23) Nitrobenzene-d5	8.607	82	539914	87.44	ng	-0.03
41) 2,4,6-Tribromophenol	13.854	330	122261	80.68	ng	-0.03
44) 2-Fluorobiphenyl	11.501	172	1116718	86.87	ng	-0.03
78) Terphenyl-d14	17.289	244	1015751	70.13	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.942	79	9011	2.08	ng	# 49
19) n-Nitroso-di-n-propyla...	8.607	70	66589	14.61	ng	# 78
50) 2,6-Dinitrotoluene	12.554	165	15026	4.85	ng	# 31

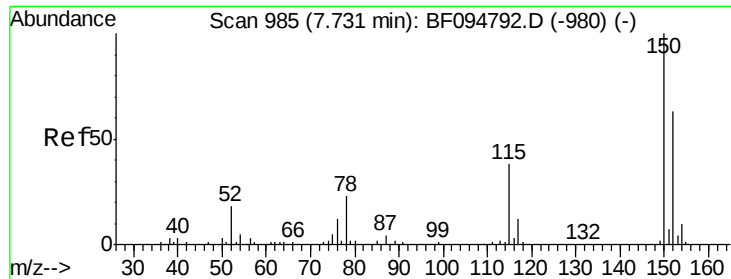
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.707 min Scan# 98

Delta R.T. -0.023 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

Instrument :

BNA_F

ClientSampleId :

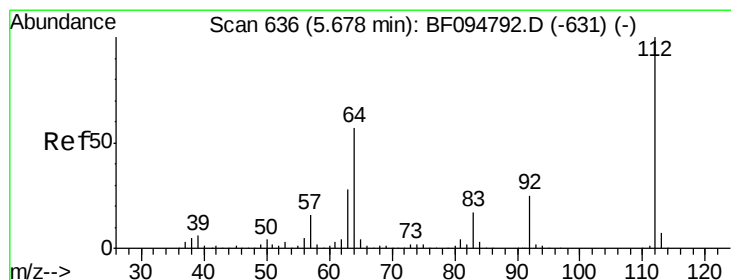
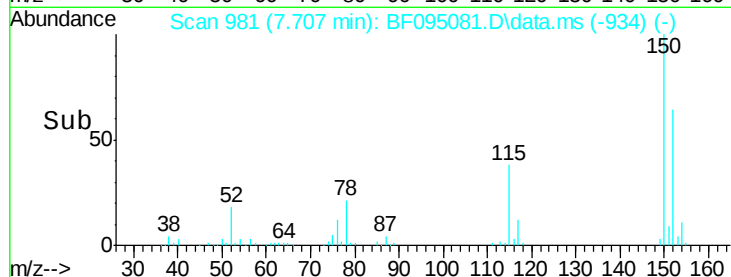
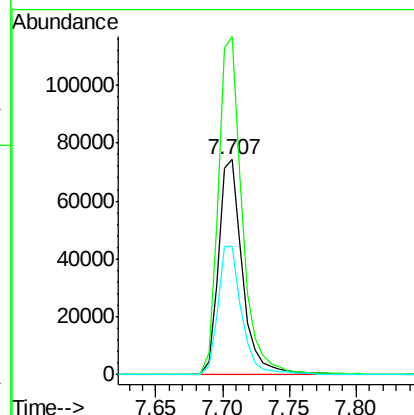
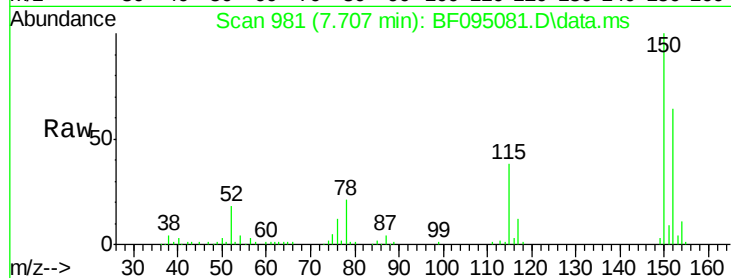
Tot Ion:152 Resp: 93649

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

115 59.4 52.2 78.2



#5

2-Fluorophenol

Concen: 80.68 ng

RT: 5.666 min Scan# 634

Delta R.T. -0.012 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

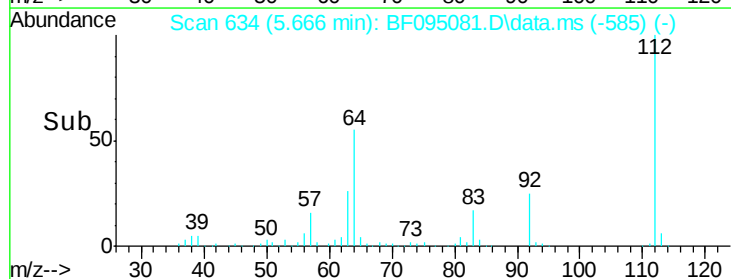
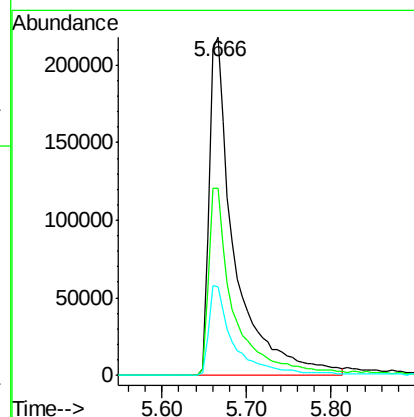
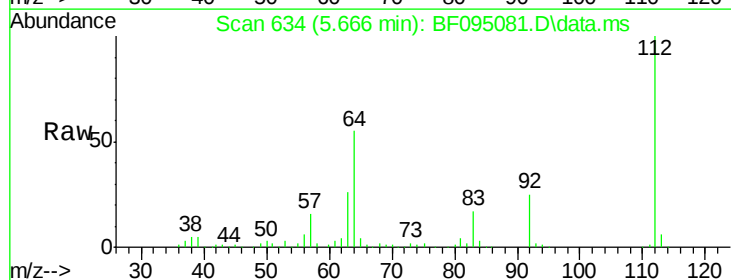
Tgt Ion:112 Resp: 453173

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

63 26.2 23.4 35.0





#7

Phenol-d6

Concen: 87.16 ng

RT: 7.248 min Scan# 90

Delta R.T. -0.029 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

Instrument :

BNA_F

ClientSampleId :

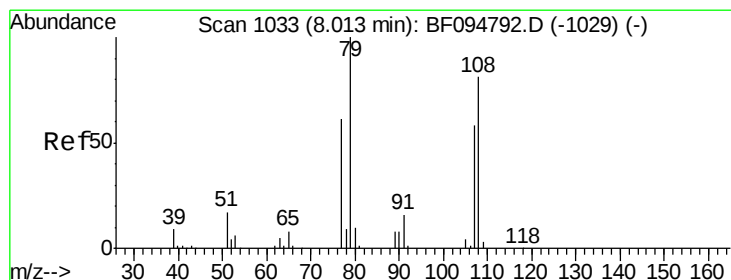
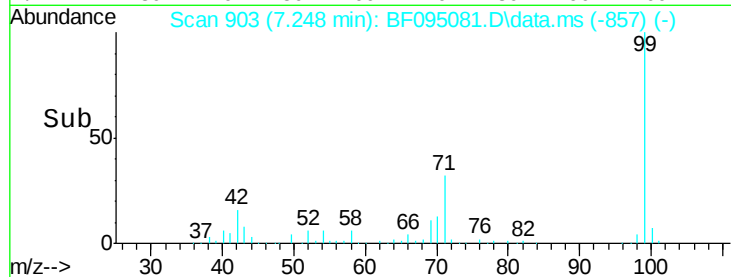
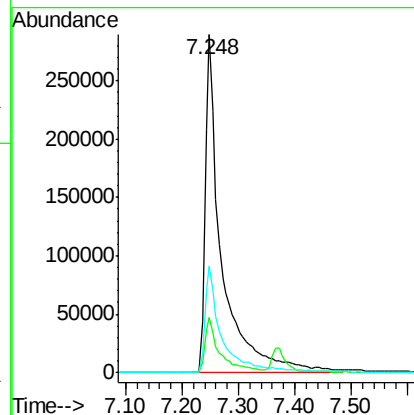
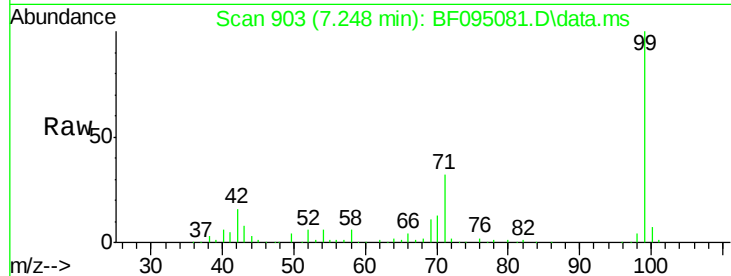
Tot Ion: 99 Resp: 587424

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 31.6 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.942 min Scan# 1021

Delta R.T. -0.071 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

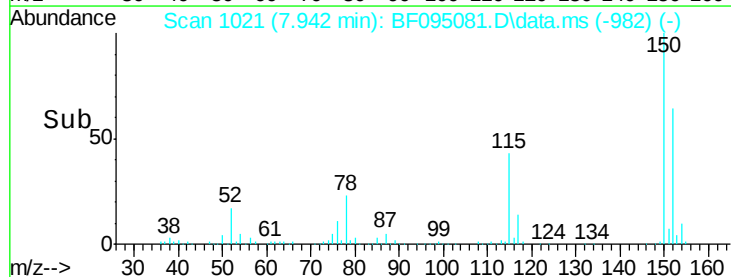
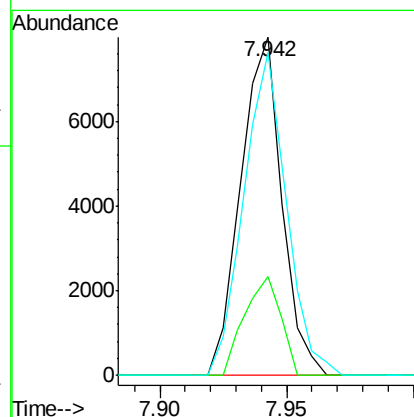
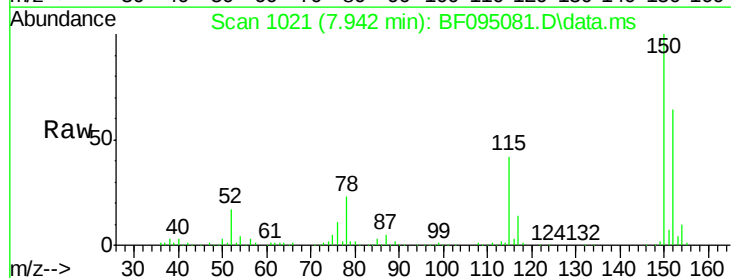
Tgt Ion: 79 Resp: 9011

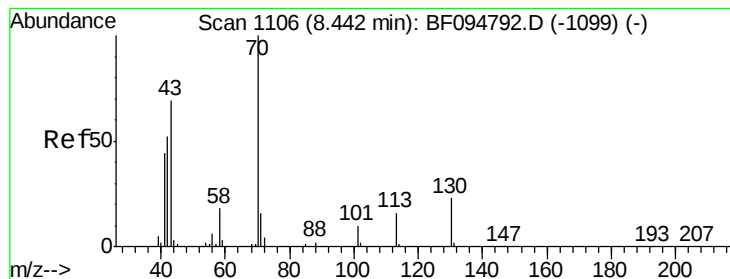
Ion Ratio Lower Upper

79 100

108 29.2 63.4 95.0#

77 95.4 49.2 73.8#





#19

n-Nitroso-di-n-propylamine

Concen: 14.61 ng

RT: 8.607 min Scan# 11

Delta R.T. 0.165 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 66589

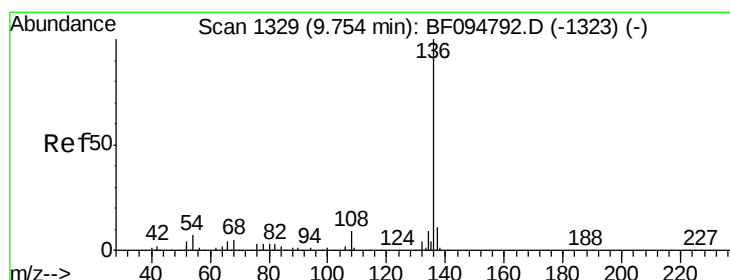
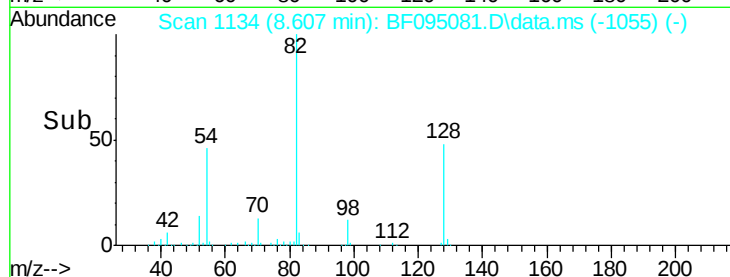
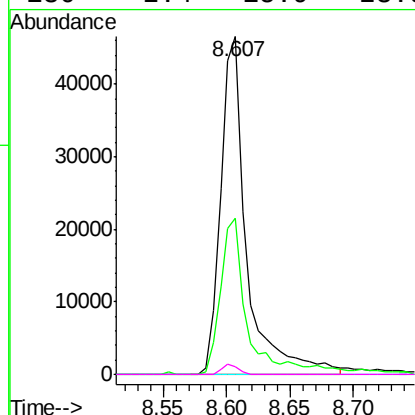
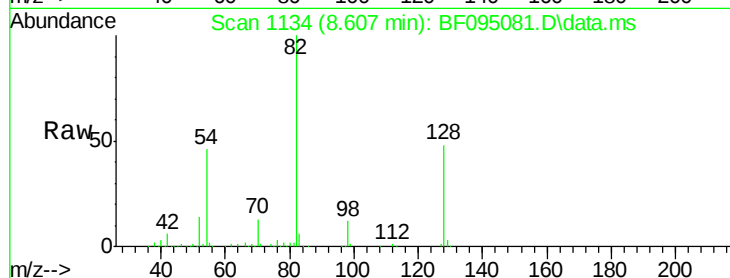
Ion Ratio Lower Upper

70 100

42 46.4 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: 9.725 min Scan# 1324

Delta R.T. -0.029 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

Tgt Ion: 136 Resp: 389385

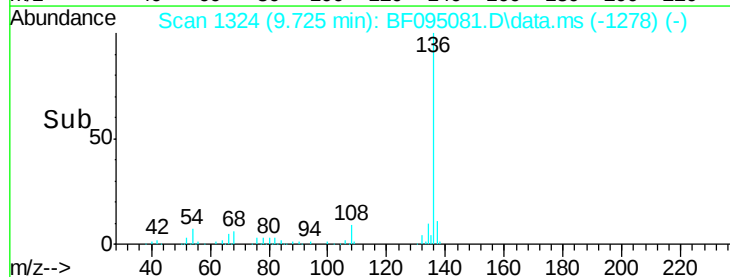
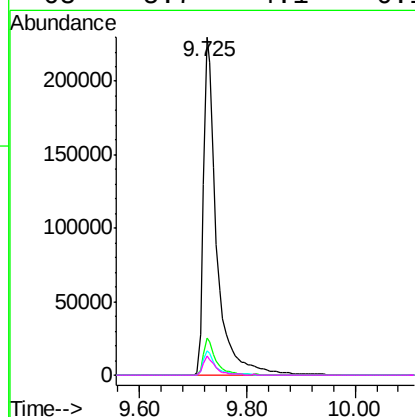
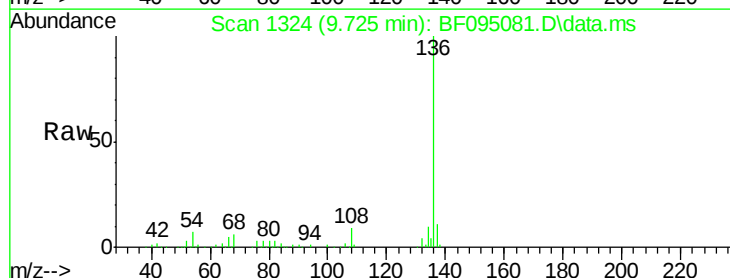
Ion Ratio Lower Upper

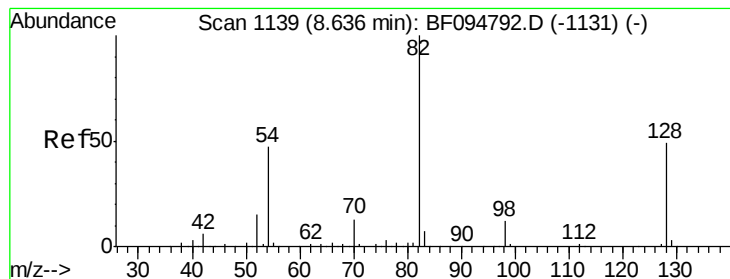
136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 87.44 ng

RT: 8.607 min Scan# 11

Delta R.T. -0.029 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

Instrument :

BNA_F

ClientSampleId :

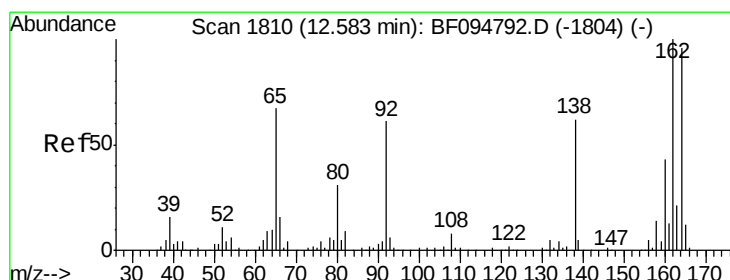
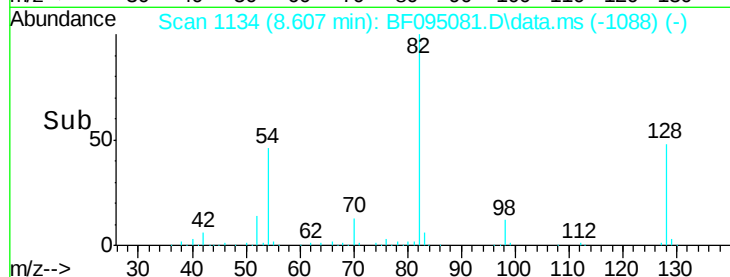
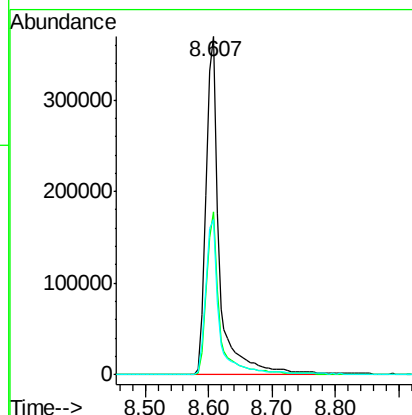
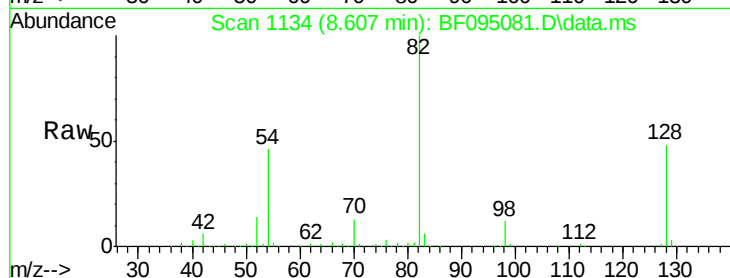
Tot Ion: 82 Resp: 539914

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

54 45.8 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: BF095081.D

Acq: 11 May 2017 15:48

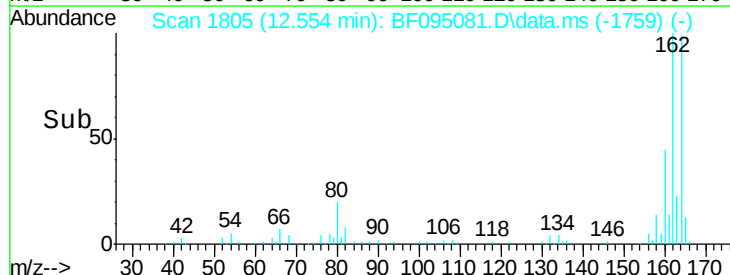
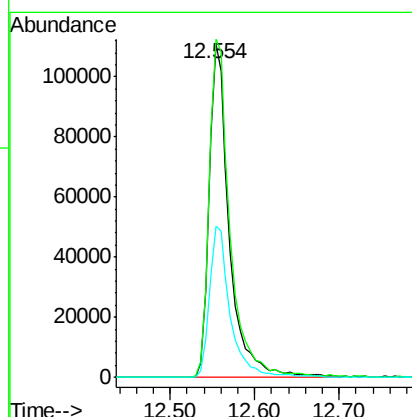
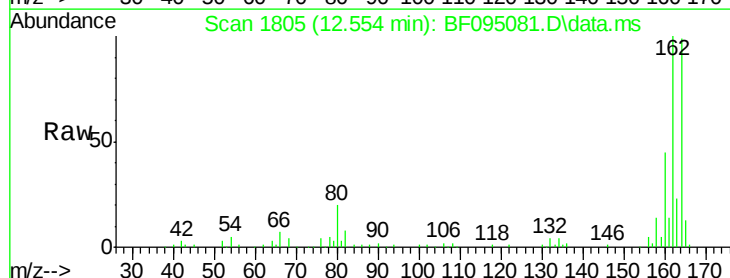
Tgt Ion: 164 Resp: 185034

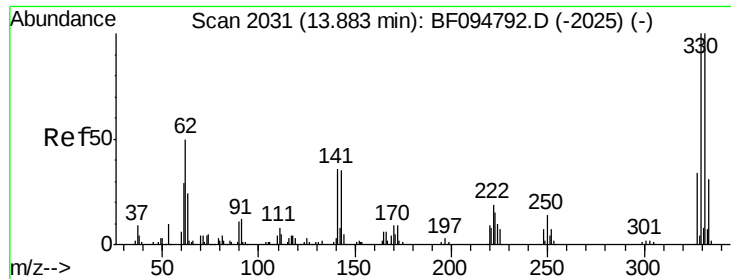
Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

160 45.2 36.2 54.2

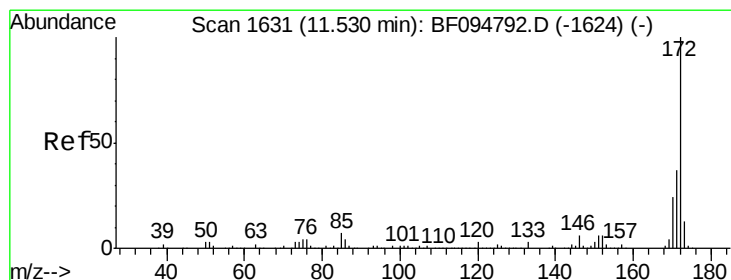
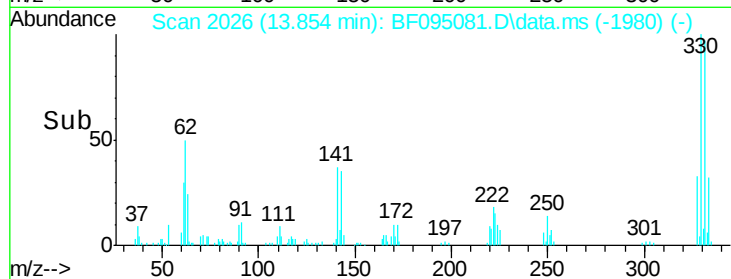
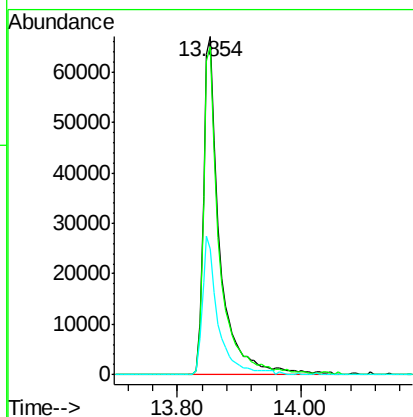
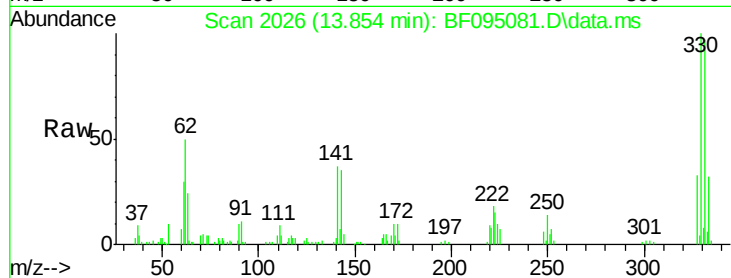




#41
 2,4,6-Tribromophenol
 Concen: 80.68 ng
 RT: 13.854 min Scan# 2031
 Delta R.T. -0.029 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

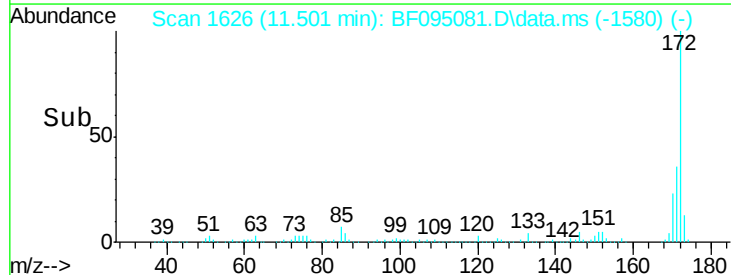
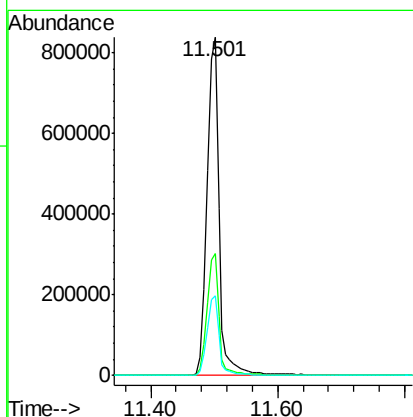
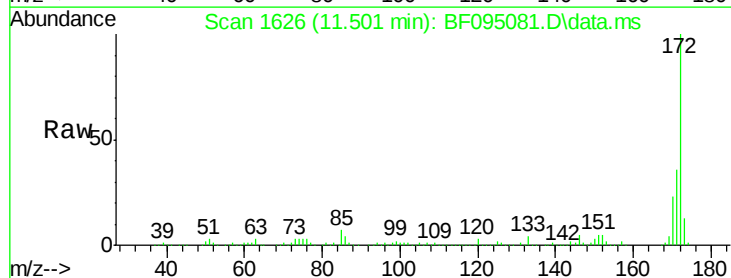
Instrument :
 BNA_F
 ClientSampleId :

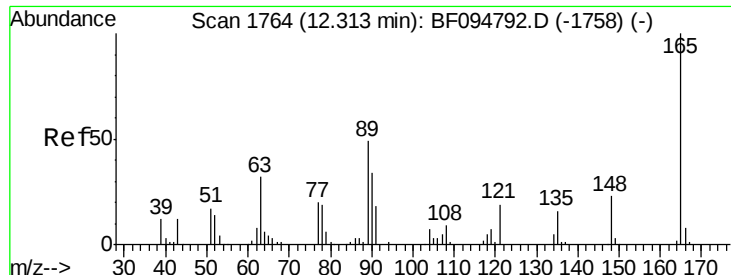
Tot Ion:330 Resp: 122261
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 86.87 ng
 RT: 11.501 min Scan# 1626
 Delta R.T. -0.029 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

Tgt Ion:172 Resp: 1116718
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.5 19.8 29.8

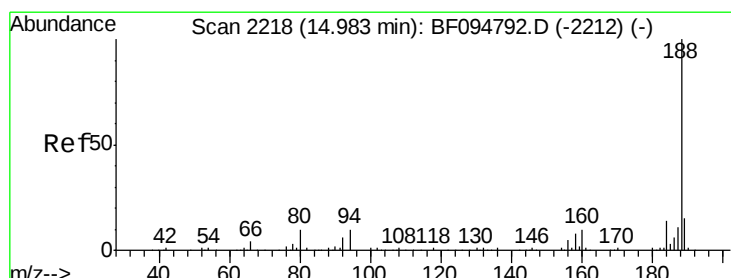
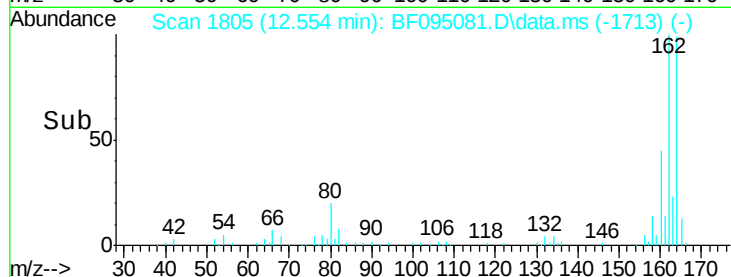
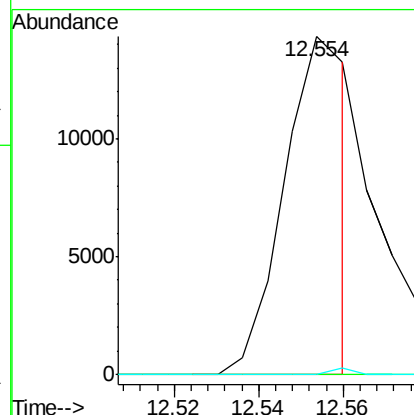
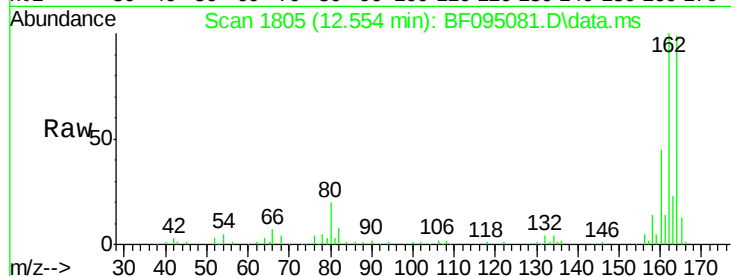




#50
 2,6-Dinitrotoluene
 Concen: 4.85 ng
 RT: 12.554 min Scan# 18
 Delta R.T. 0.241 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

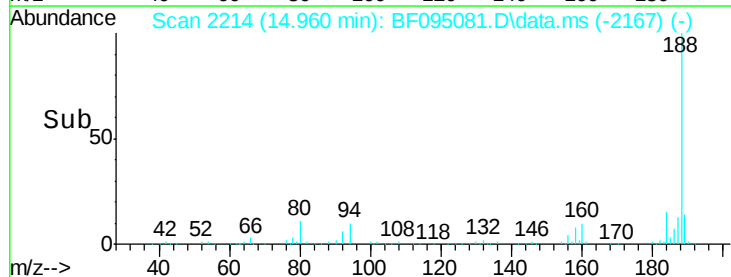
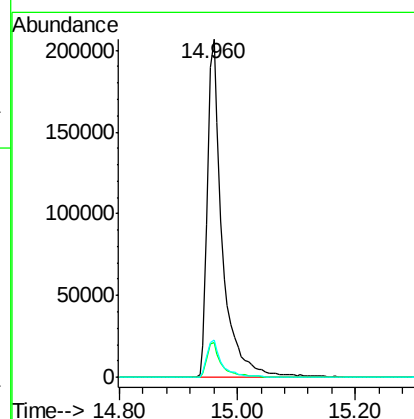
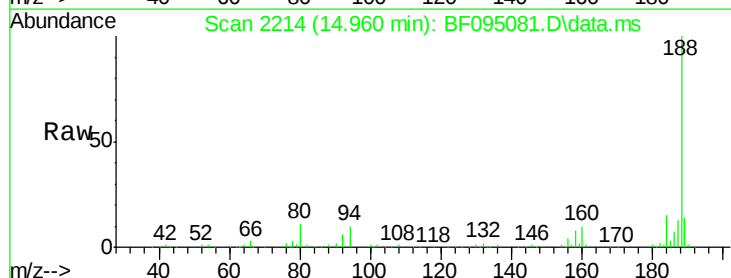
Instrument :
 BNA_F
 ClientSampled :

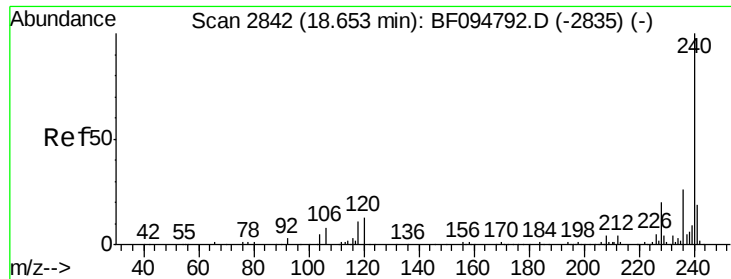
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.960 min Scan# 2214
 Delta R.T. -0.023 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.0	10.2	15.2

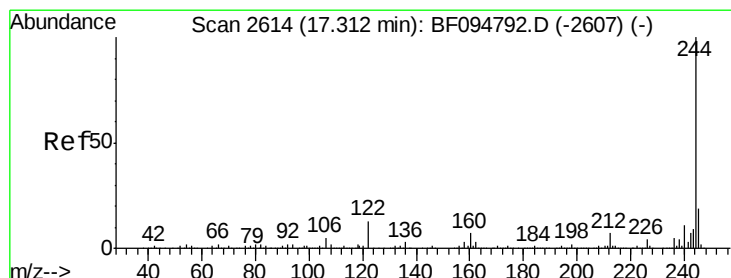
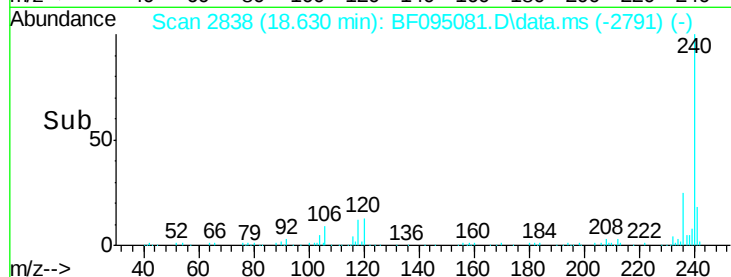
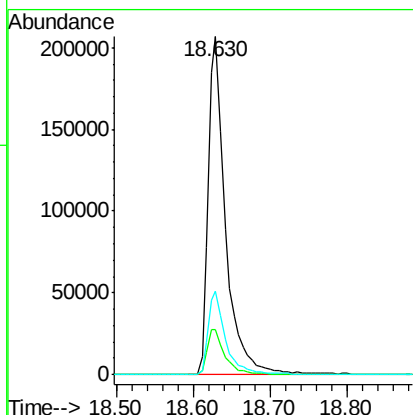
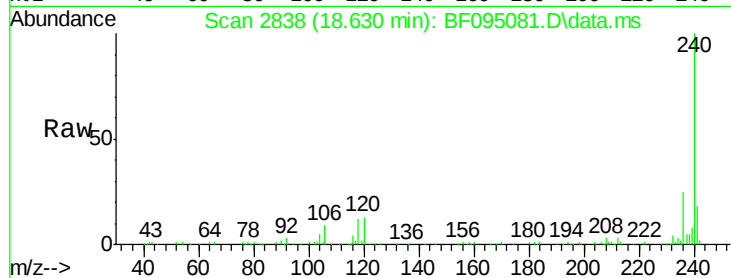




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.630 min Scan# 28
 Delta R.T. -0.023 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

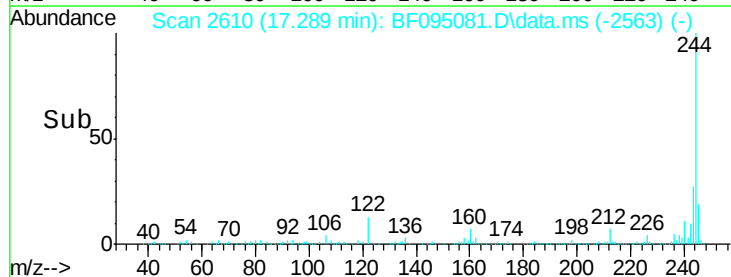
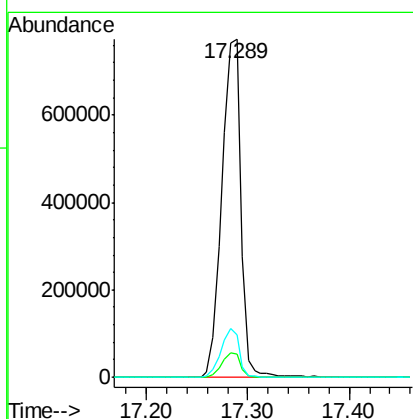
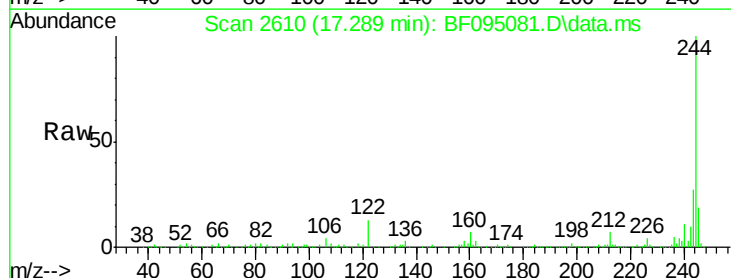
Instrument :
 BNA_F
 ClientSampleId :

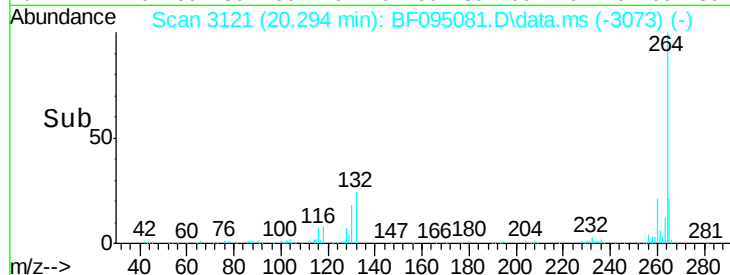
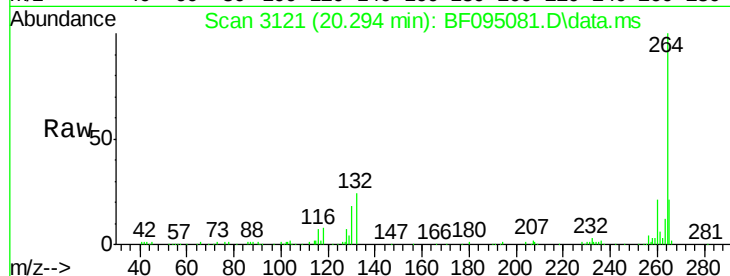
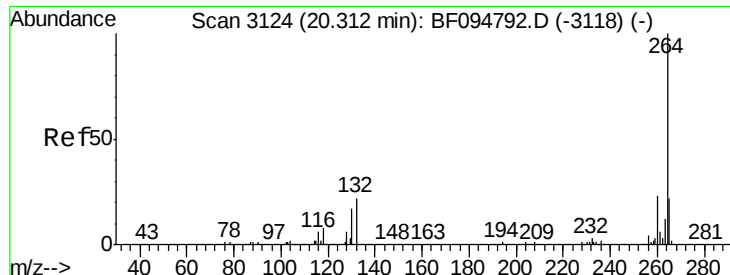
Tot Ion:240 Resp: 318999
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 24.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 70.13 ng
 RT: 17.289 min Scan# 2610
 Delta R.T. -0.023 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

Tgt Ion:244 Resp: 1015751
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.5 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.294 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	216956
Ion Ratio	Lower	Upper	
264	100		
260	21.5	19.5	29.3
265	20.7	17.2	25.8

