

Data Path : Z:\HPCHEM1\BNA F\Data\BF051117\
 Data File : BF095083.D
 Acq On : 11 May 2017 16:53
 Operator : SJ/MA
 Sample : I3052-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 11 17:36:05 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

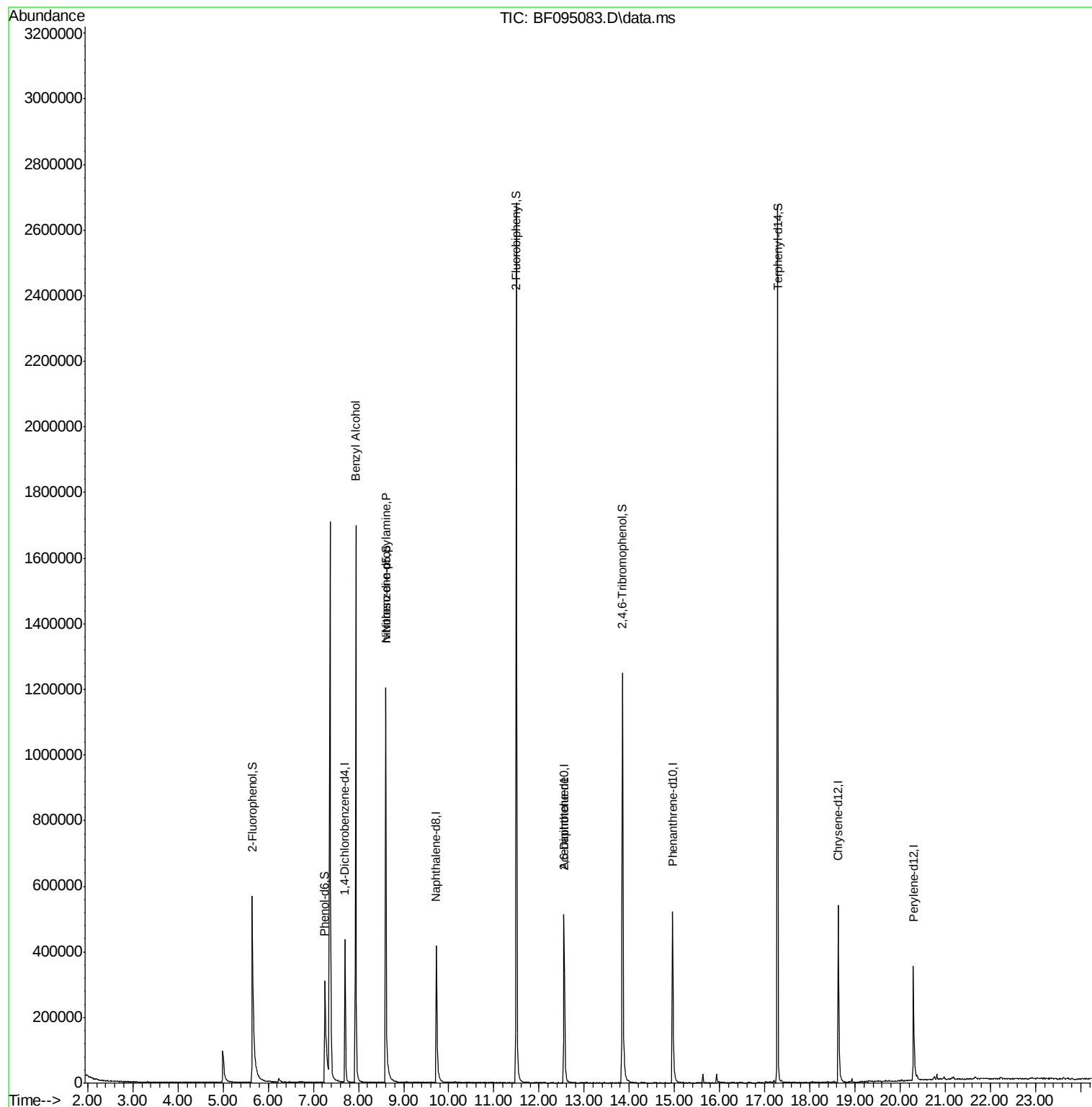
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.701	152	94260	20.00	ng	-0.03
21) Naphthalene-d8	9.724	136	388107	20.00	ng	-0.03
38) Acenaphthene-d10	12.554	164	186231	20.00	ng	-0.03
63) Phenanthrene-d10	14.959	188	366000	20.00	ng	-0.02
75) Chrysene-d12	18.630	240	318207	20.00	ng	-0.02
86) Perylene-d12	20.294	264	210400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	433685	76.71	ng	-0.03
7) Phenol-d6	7.254	99	340727	50.23	ng	-0.02
23) Nitrobenzene-d5	8.607	82	622113	101.08	ng	-0.03
41) 2,4,6-Tribromophenol	13.854	330	243560	159.69	ng	-0.03
44) 2-Fluorobiphenyl	11.501	172	1227222	94.85	ng	-0.03
78) Terphenyl-d14	17.289	244	1107539	76.66	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.942	79	8899	2.04	ng	# 40
19) n-Nitroso-di-n-propyla...	8.607	70	77342	16.86	ng	# 72
50) 2,6-Dinitrotoluene	12.554	165	15776	5.06	ng	# 31

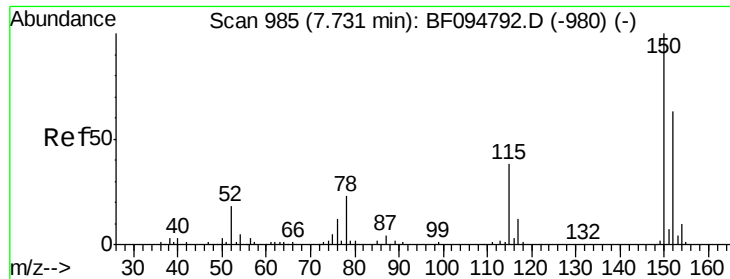
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF095083.D

Acq: 11 May 2017 16:53

Instrument :

BNA_F

ClientSampleId :

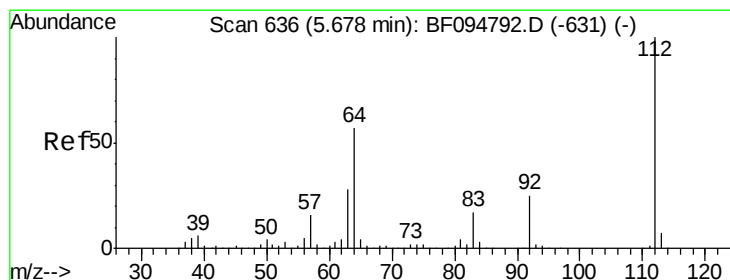
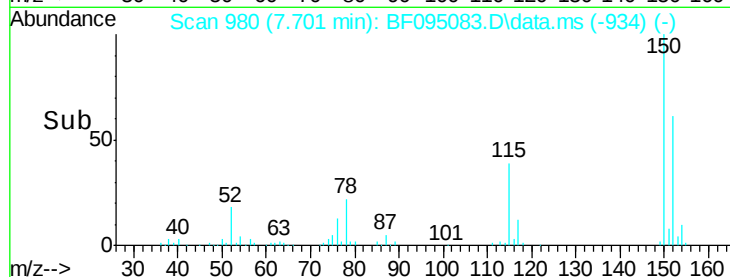
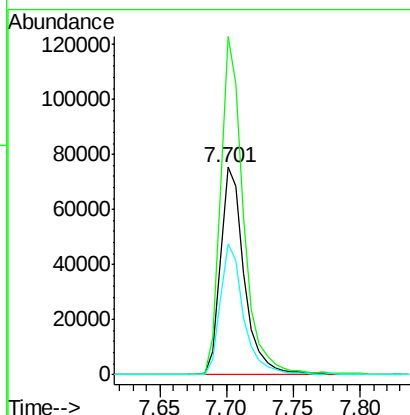
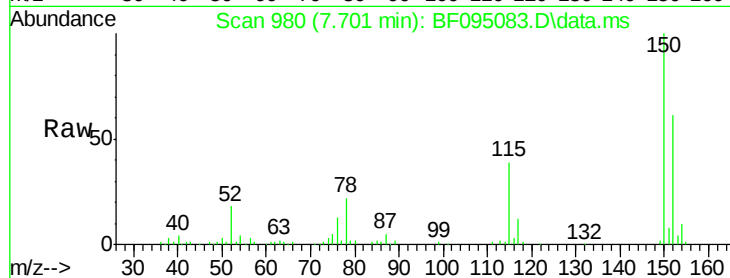
Tot Ion:152 Resp: 94260

Ion Ratio Lower Upper

152 100

150 162.9 126.2 189.2

115 63.2 52.2 78.2



#5

2-Fluorophenol

Concen: 76.71 ng

RT: 5.648 min Scan# 631

Delta R.T. -0.029 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

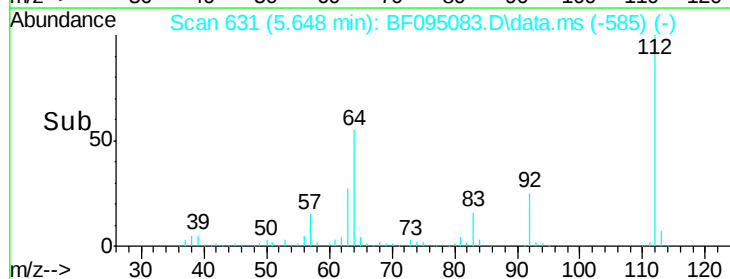
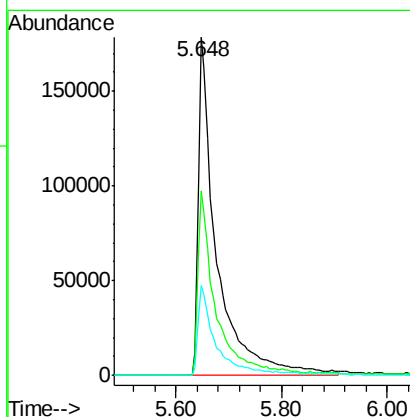
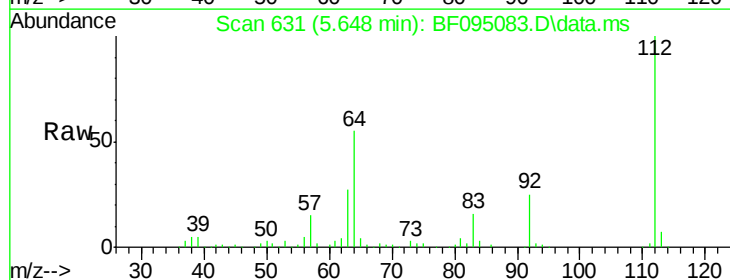
Tgt Ion:112 Resp: 433685

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

63 26.6 23.4 35.0





#7

Phenol-d6

Concen: 50.23 ng

RT: 7.254 min Scan# 90

Delta R.T. -0.024 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

Instrument :

BNA_F

ClientSampleId :

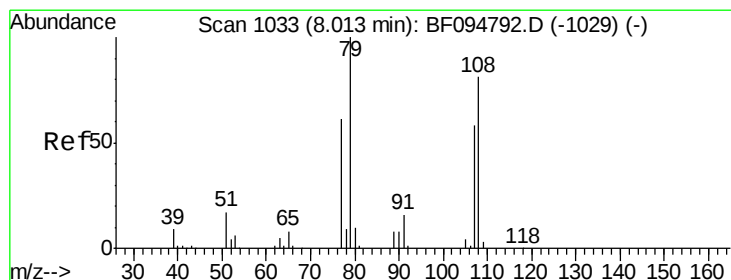
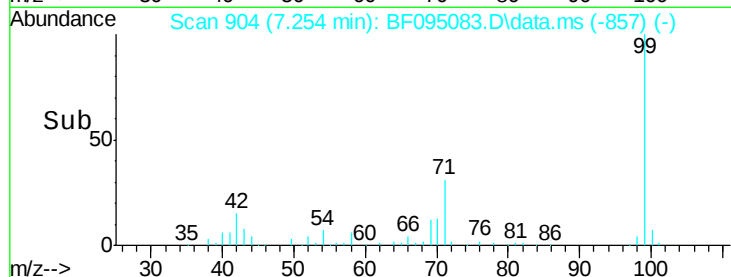
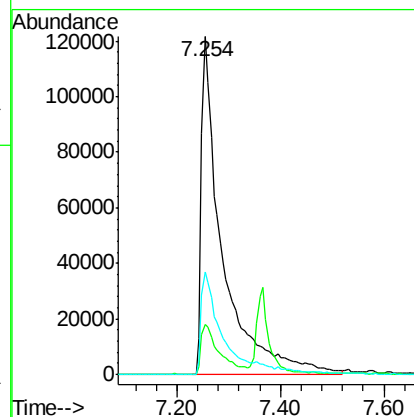
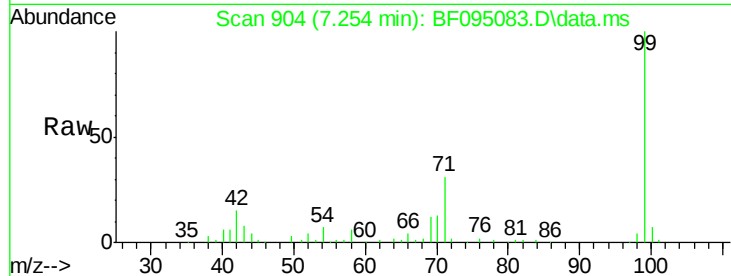
Tot Ion: 99 Resp: 340727

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

71 30.5 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.942 min Scan# 1021

Delta R.T. -0.071 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

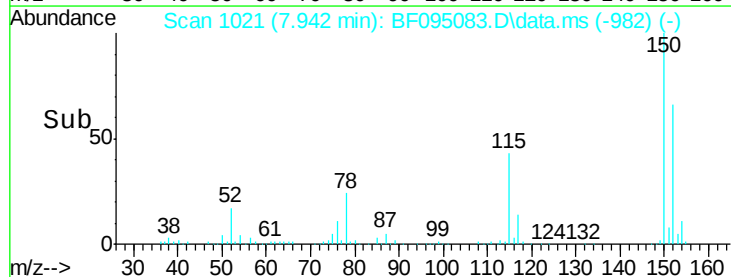
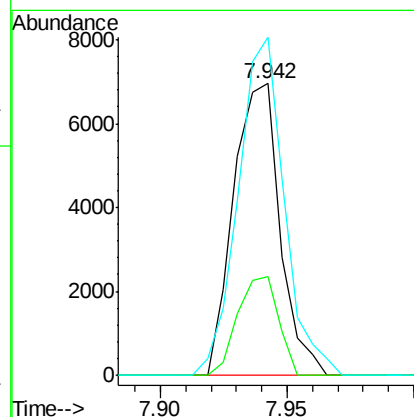
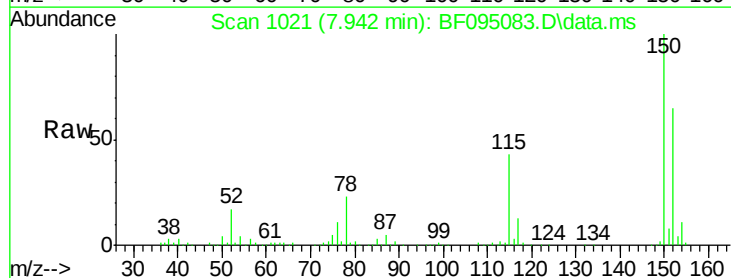
Tgt Ion: 79 Resp: 8899

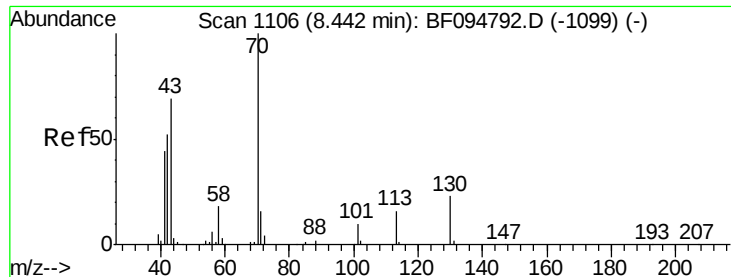
Ion Ratio Lower Upper

79 100

108 33.8 63.4 95.0#

77 115.9 49.2 73.8#

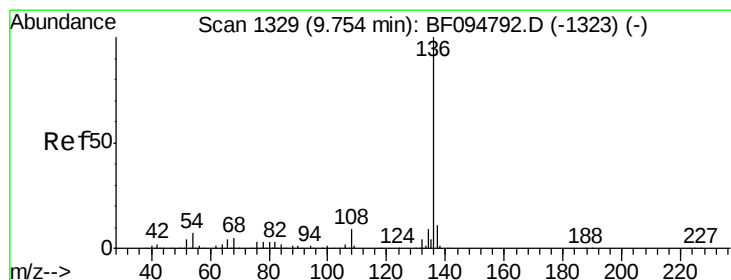
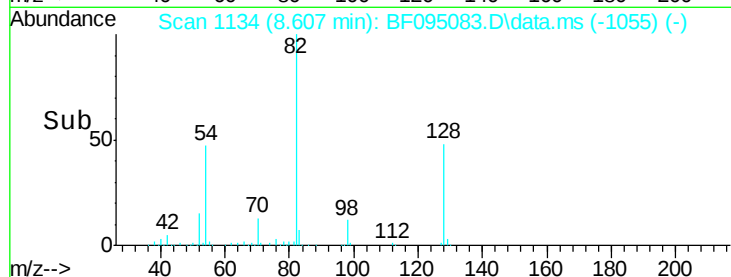
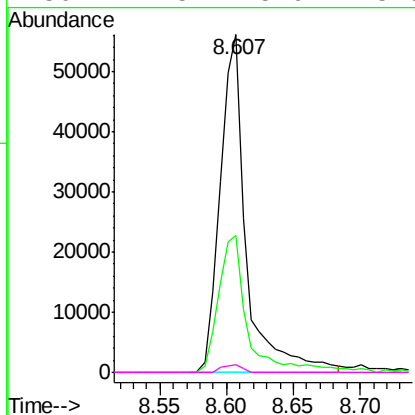
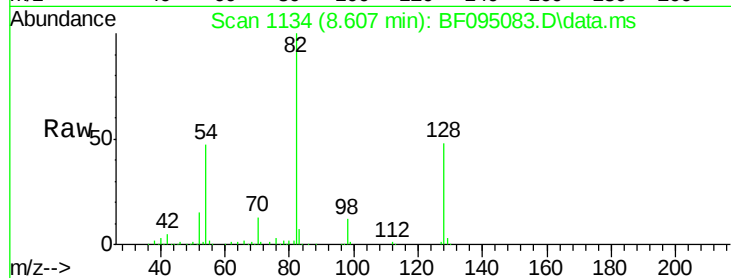




#19
n-Nitroso-di-n-propylamine
Concen: 16.86 ng
RT: 8.607 min Scan# 11
Delta R.T. 0.165 min
Lab File: BF095083.D
Acq: 11 May 2017 16:53

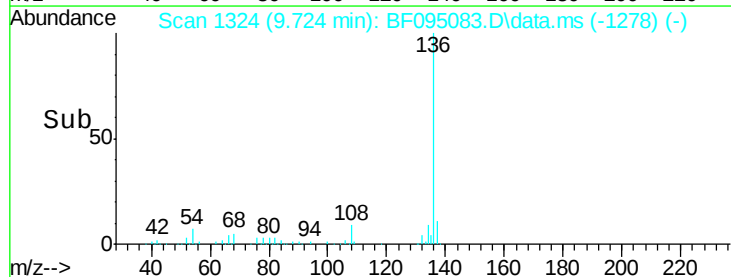
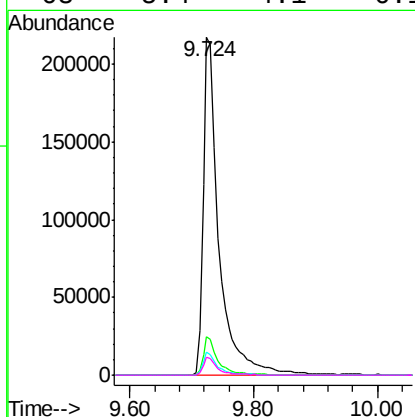
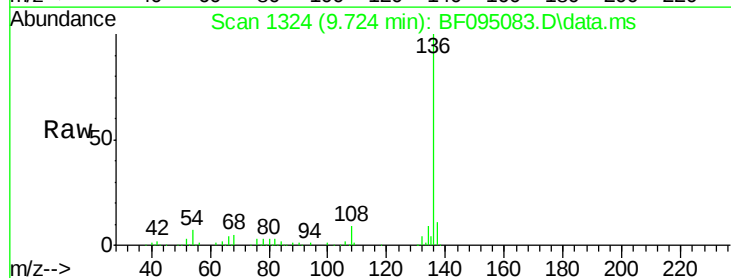
Instrument :
BNA_F
ClientSampleId :

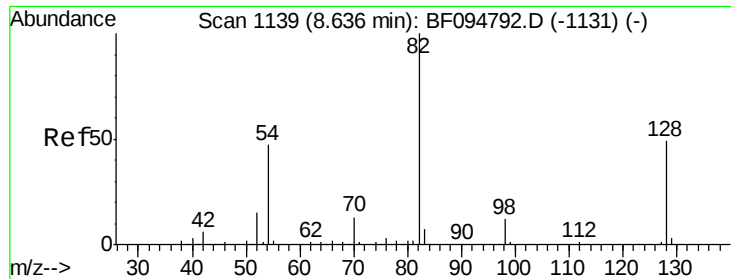
Tot Ion: 70 Resp: 77342
Ion Ratio Lower Upper
70 100
42 40.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.724 min Scan# 1324
Delta R.T. -0.029 min
Lab File: BF095083.D
Acq: 11 May 2017 16:53

Tgt Ion: 136 Resp: 388107
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.0 4.9 7.3
68 5.4 4.1 6.1

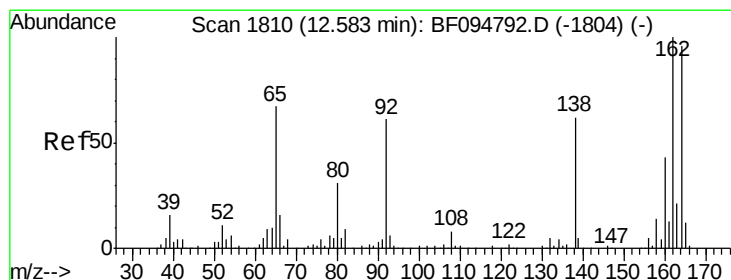
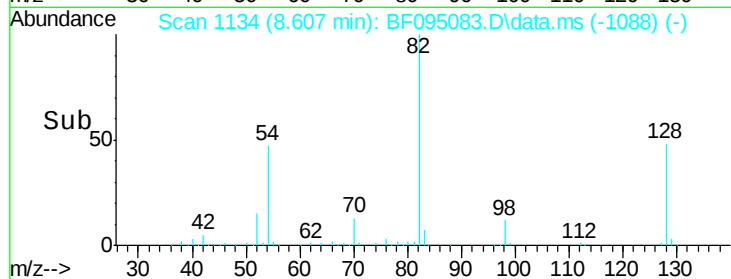
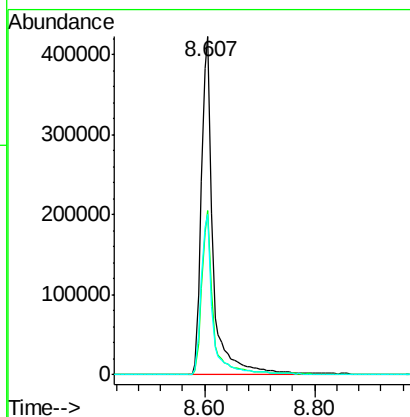
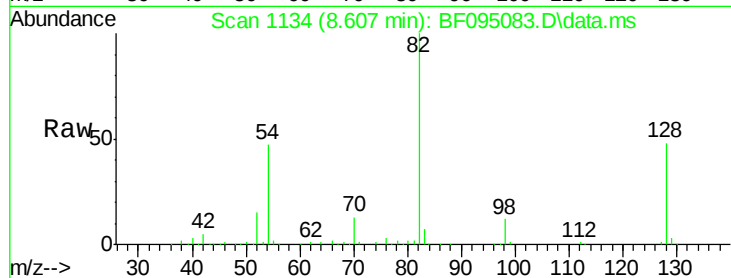




#23
 Nitrobenzene-d5
 Concen: 101.08 ng
 RT: 8.607 min Scan# 11
 Delta R.T. -0.029 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

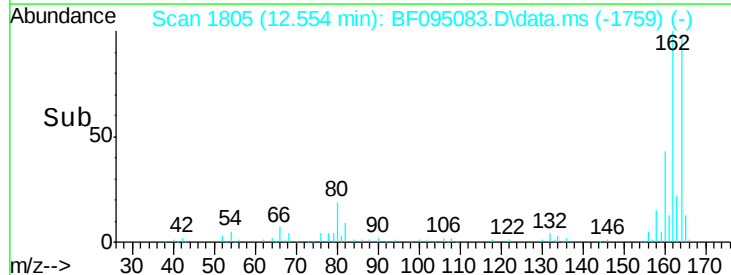
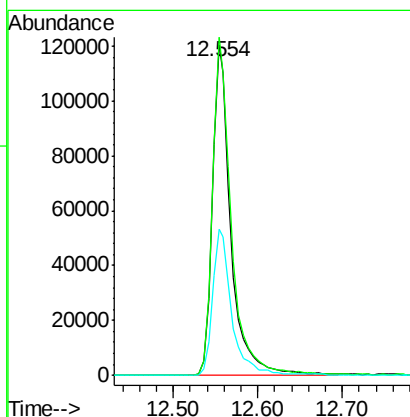
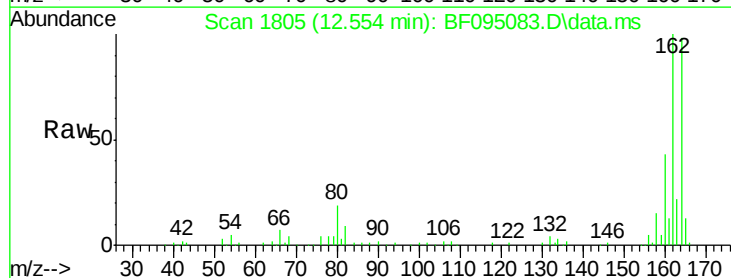
Instrument :
 BNA_F
 ClientSampleId :

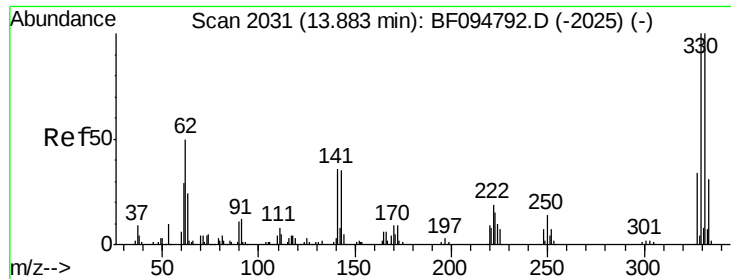
Tot Ion: 82 Resp: 622113
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 47.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.554 min Scan# 1805
 Delta R.T. -0.029 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

Tgt Ion: 164 Resp: 186231
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 44.1 36.2 54.2

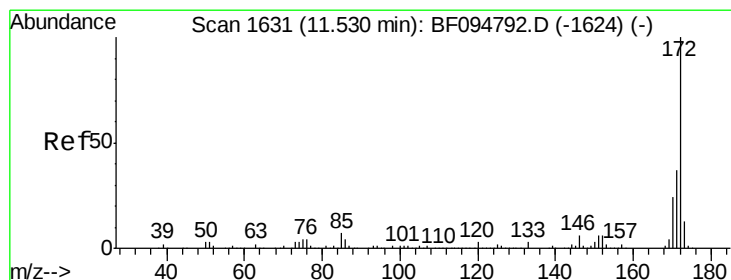
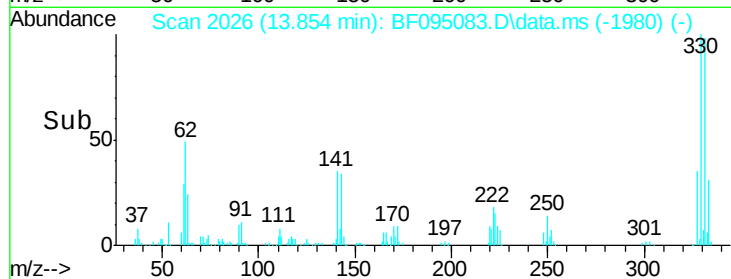
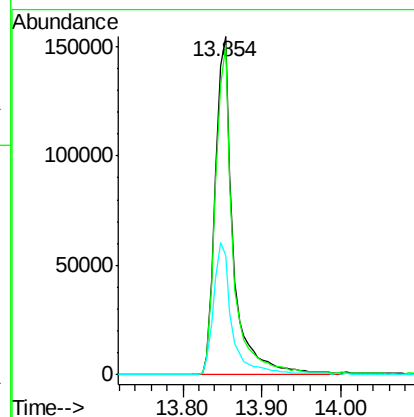
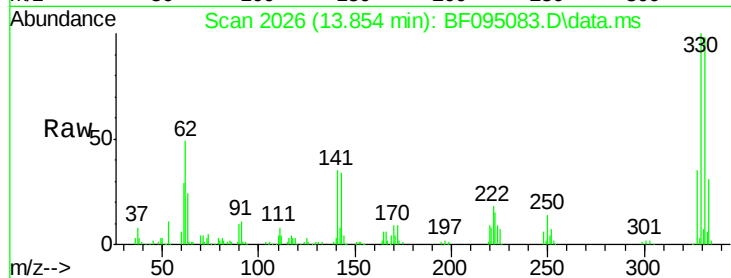




#41
 2,4,6-Tribromophenol
 Concen: 159.69 ng
 RT: 13.854 min Scan# 2031
 Delta R.T. -0.029 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

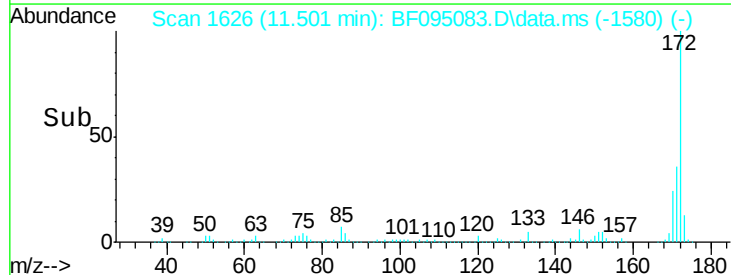
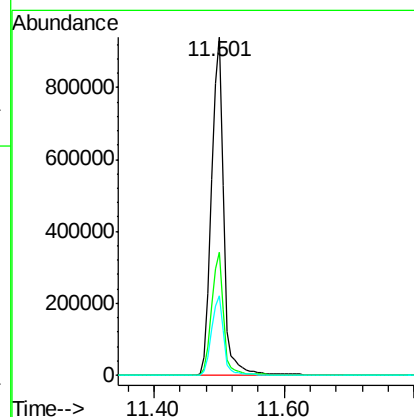
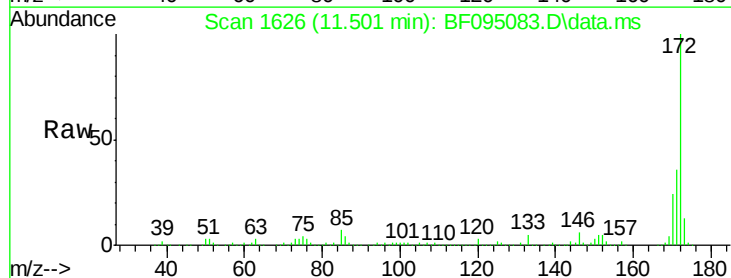
Instrument :
 BNA_F
 ClientSampleId :

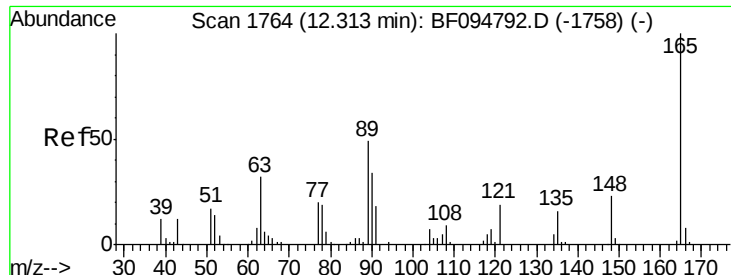
Tot Ion:330 Resp: 243560
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 39.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 11.501 min Scan# 1626
 Delta R.T. -0.029 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

Tgt Ion:172 Resp: 1227222
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.6 19.8 29.8

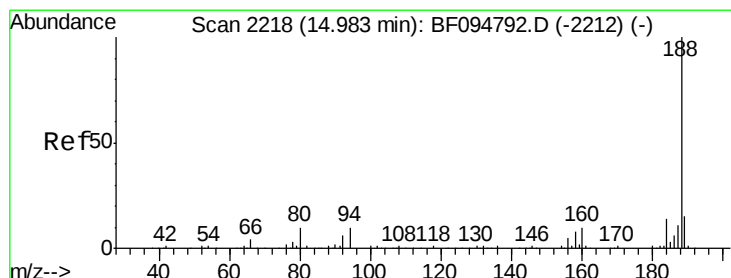
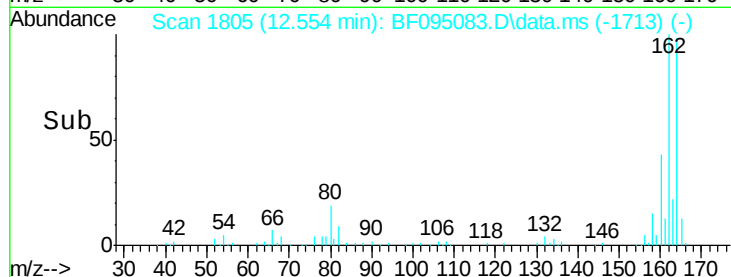
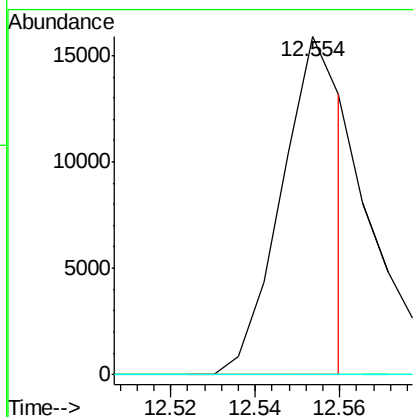
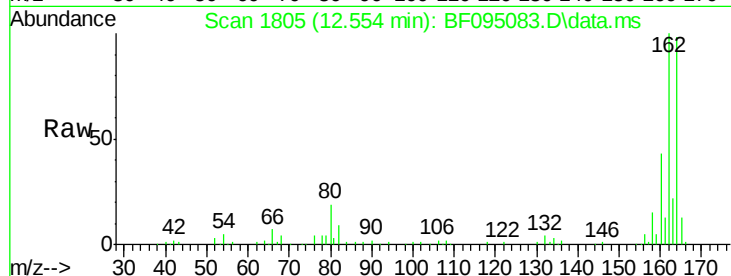




#50
 2,6-Dinitrotoluene
 Concen: 5.06 ng
 RT: 12.554 min Scan# 18
 Delta R.T. 0.241 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

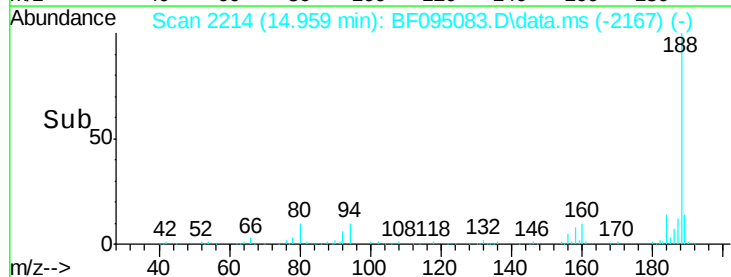
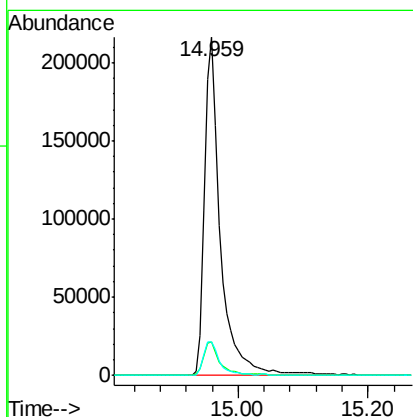
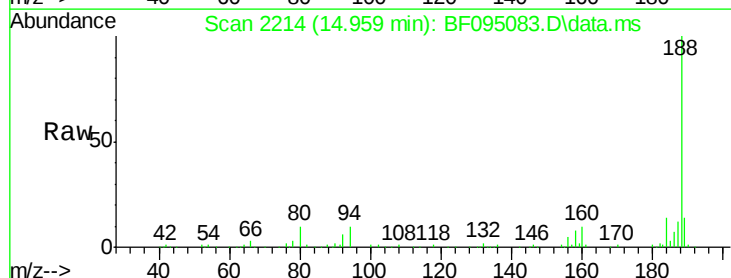
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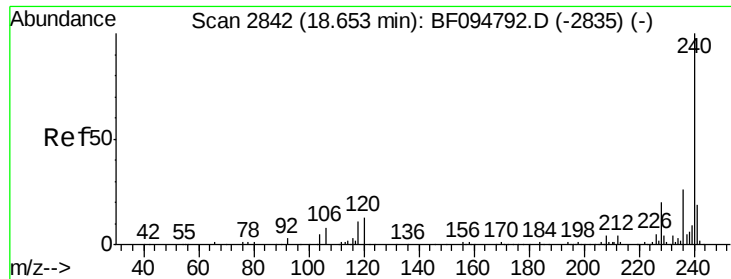
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.959 min Scan# 2214
 Delta R.T. -0.024 min
 Lab File: BF095083.D
 Acq: 11 May 2017 16:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	9.9	10.2	15.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.630 min Scan# 28

Delta R.T. -0.024 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

Instrument :

BNA_F

ClientSampleId :

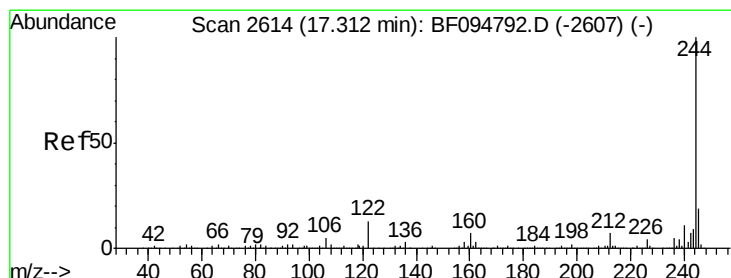
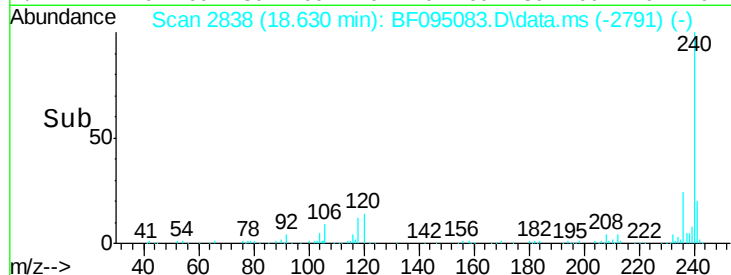
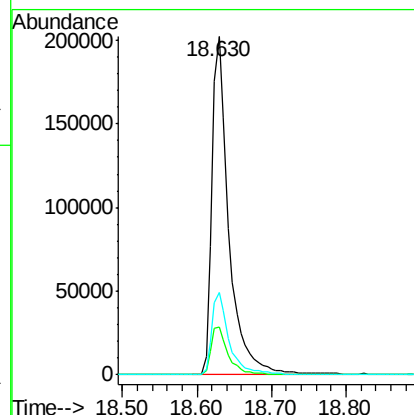
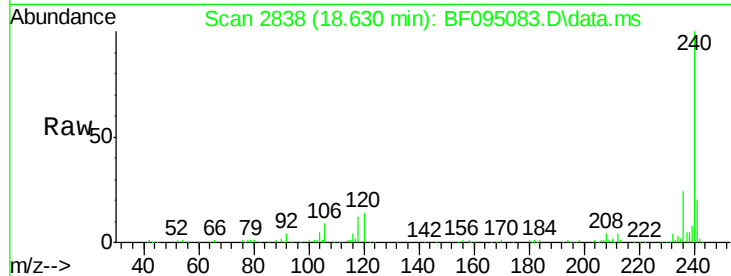
Tot Ion:240 Resp: 318207

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

236 24.2 20.5 30.7



#78

Terphenyl-d14

Concen: 76.66 ng

RT: 17.289 min Scan# 2610

Delta R.T. -0.024 min

Lab File: BF095083.D

Acq: 11 May 2017 16:53

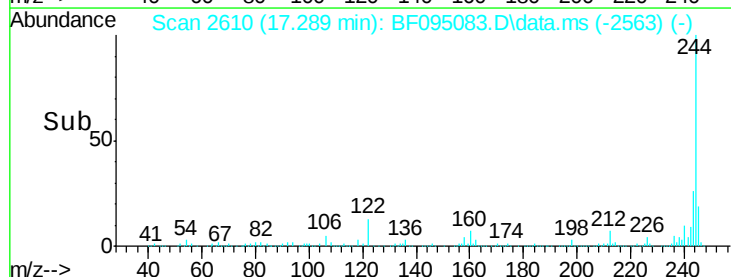
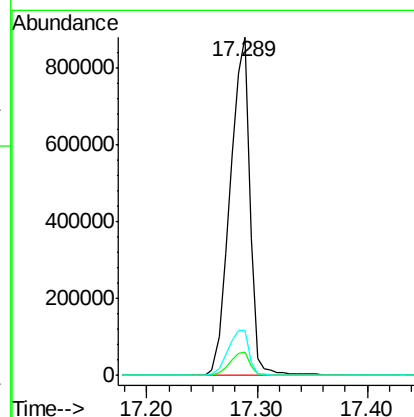
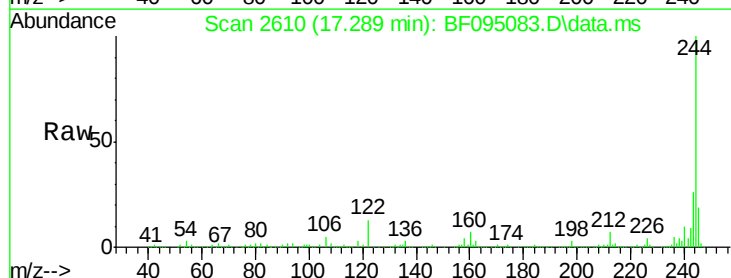
Tgt Ion:244 Resp: 1107539

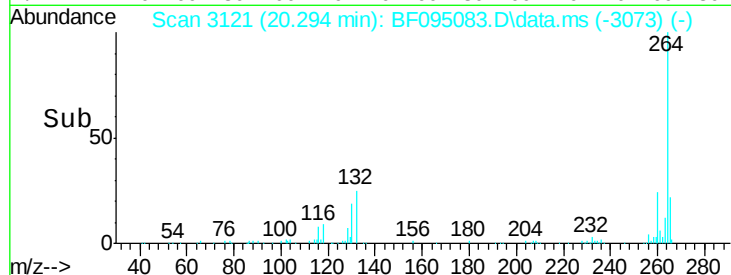
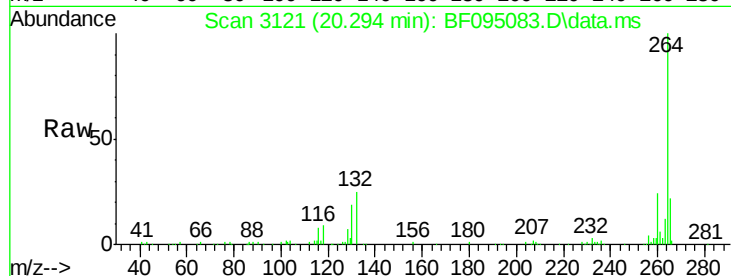
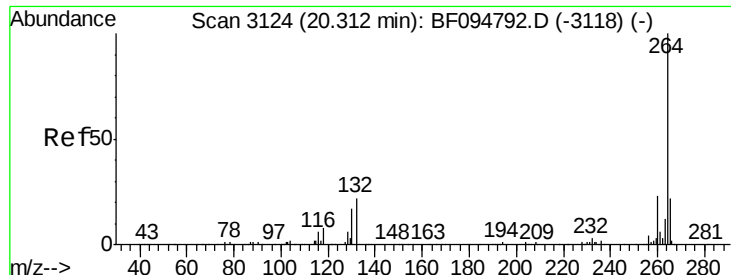
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 13.3 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: BF095083.D
 Acq: 11 May 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.5	17.2	25.8

