

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095783.D
 Acq On : 8 Jun 2017 15:00
 Operator : SJ/MA
 Sample : I3469-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 16:50:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

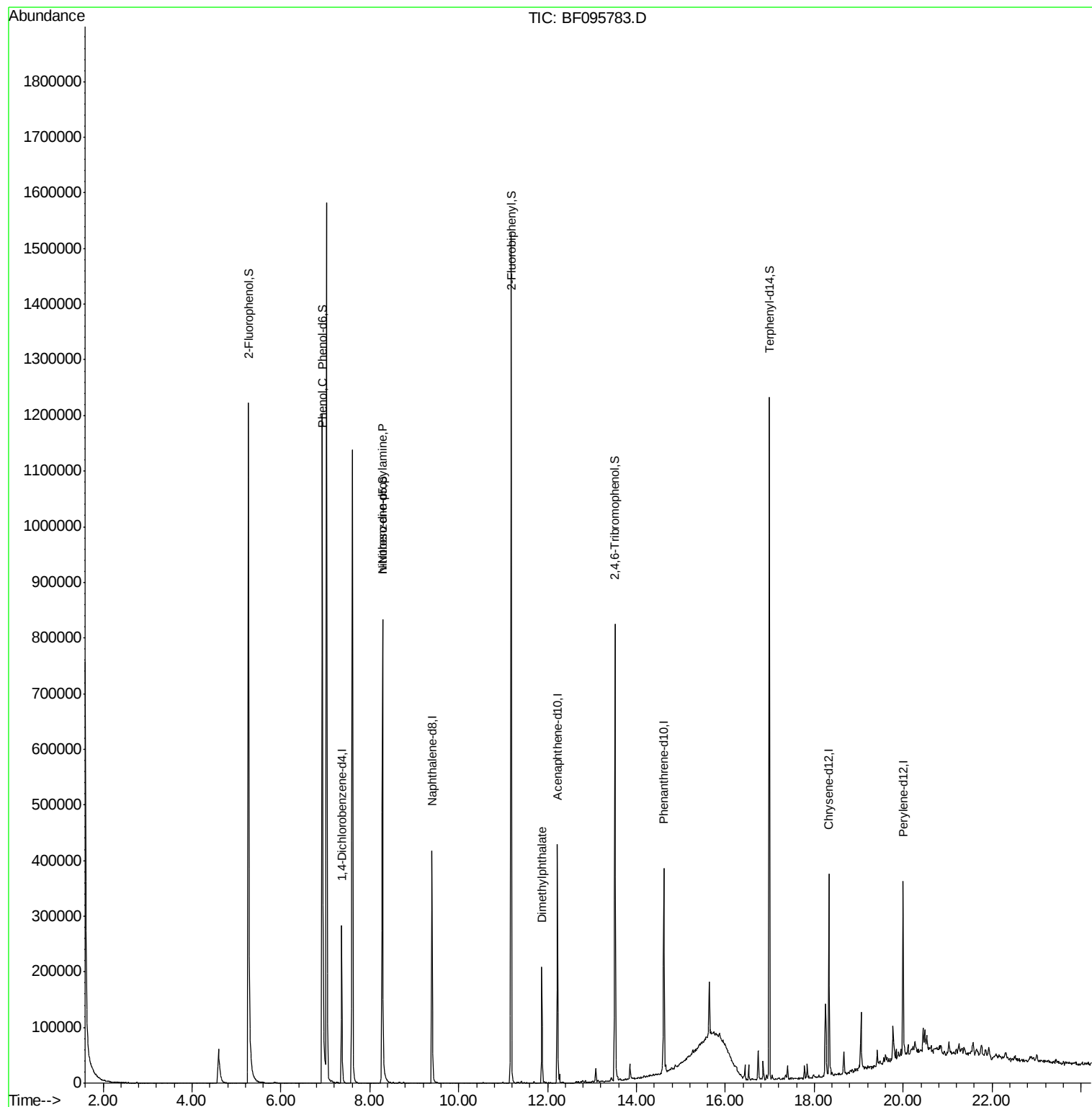
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	66808	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	272079	20.00	ng	0.00
38) Acenaphthene-d10	12.22	164	115928	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	187506	20.00	ng	0.00
75) Chrysene-d12	18.33	240	146287	20.00	ng	-0.01
86) Perylene-d12	20.00	264	126014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	647531	154.44	ng	0.01
7) Phenol-d6	6.93	99	783872	156.17	ng	0.00
23) Nitrobenzene-d5	8.29	82	447027	102.04	ng	0.00
41) 2,4,6-Tribromophenol	13.52	330	143132	139.55	ng	0.00
44) 2-Fluorobiphenyl	11.18	172	739517	88.77	ng	0.00
78) Terphenyl-d14	16.99	244	461516	78.30	ng	0.00
Target Compounds						
10) Phenol	6.95	94	11635	2.23	ng	# 53
19) n-Nitroso-di-n-propylamine	8.29	70	56157	17.65	ng	# 77
49) Dimethylphthalate	11.87	163	130039	14.77	ng	99

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

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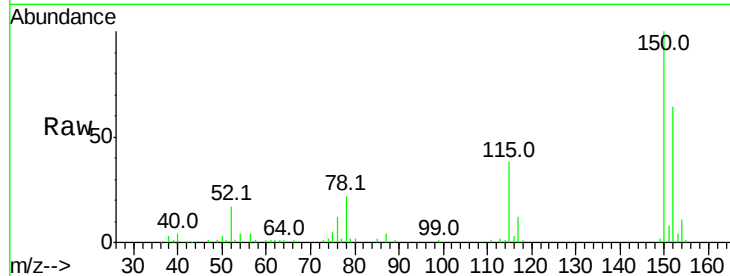


#1

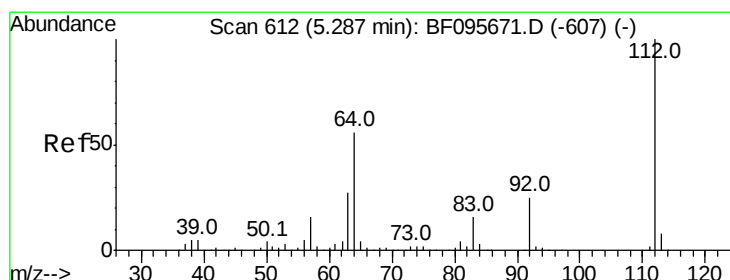
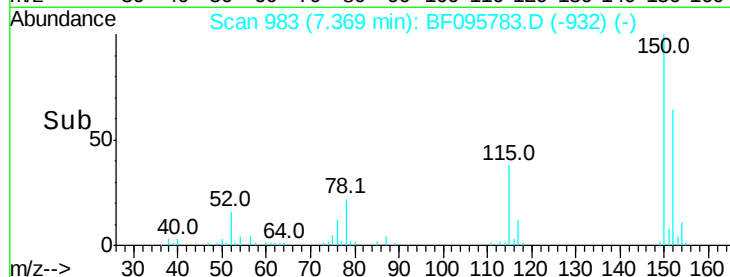
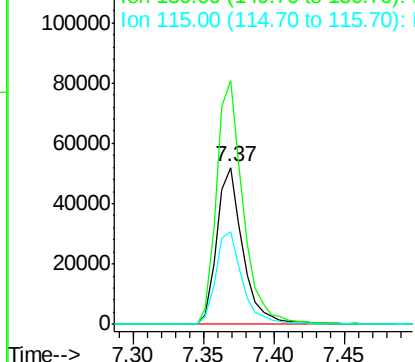
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF095783.D
Acq: 8 Jun 2017 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66808
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 59.0 52.2 78.2



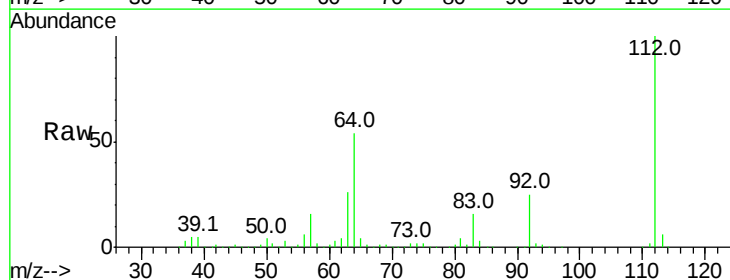
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



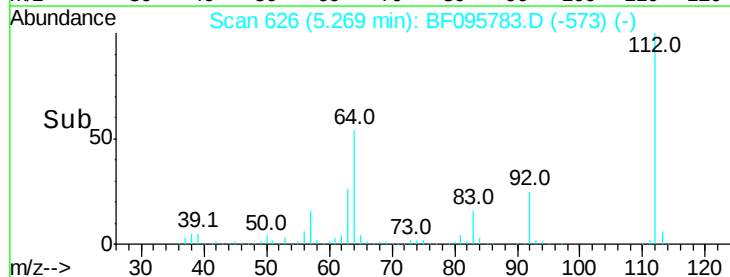
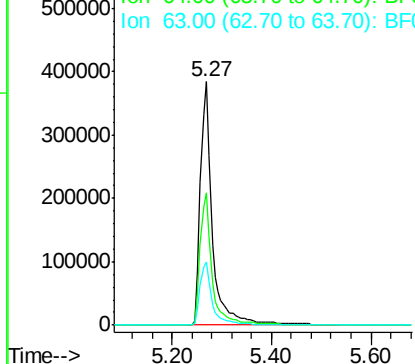
#5

2-Fluorophenol
Concen: 154.44 ng
RT: 5.27 min Scan# 626
Delta R.T. 0.01 min
Lab File: BF095783.D
Acq: 8 Jun 2017 15:00

Tgt Ion:112 Resp: 647531
Ion Ratio Lower Upper
112 100
64 54.1 46.0 69.0
63 26.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 156.17 ng

RT: 6.93 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF095783.D

Acq: 8 Jun 2017 15:00

Instrument :

BNA_F

ClientSampleId :

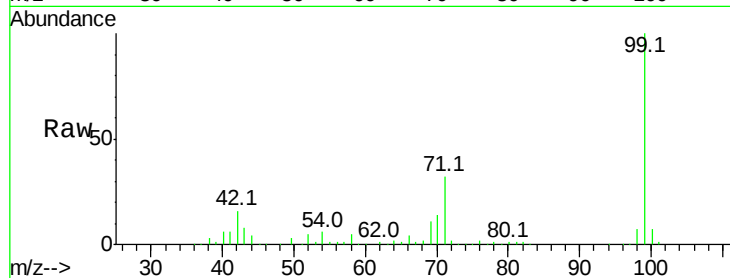
Tot Ion: 99 Resp: 783872

Ion Ratio Lower Upper

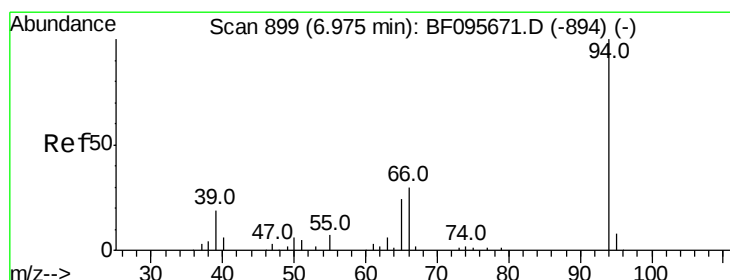
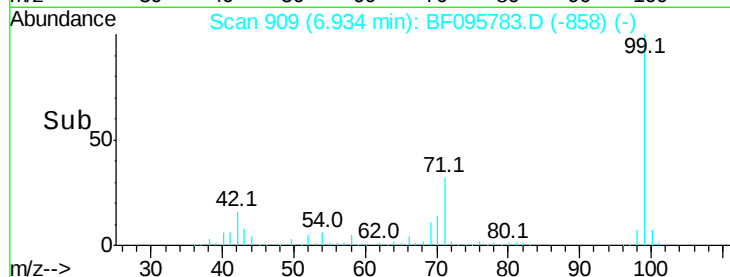
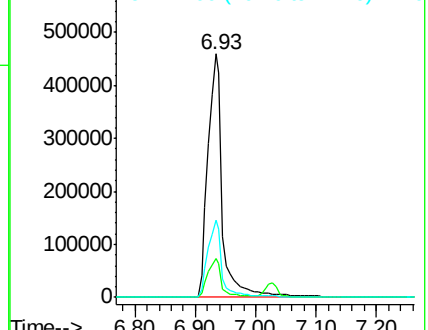
99 100

42 16.1 13.5 20.3

71 31.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.23 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095783.D

Acq: 8 Jun 2017 15:00

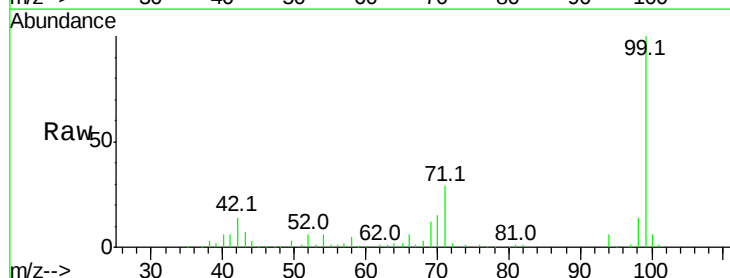
Tgt Ion: 94 Resp: 11635

Ion Ratio Lower Upper

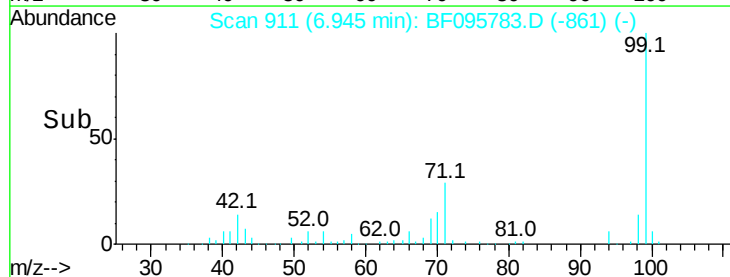
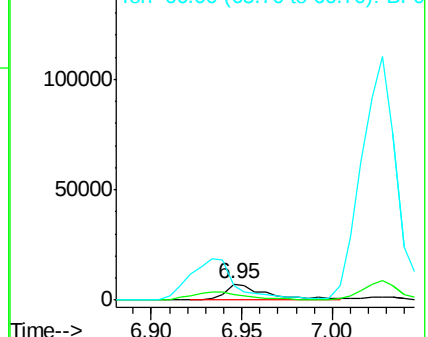
94 100

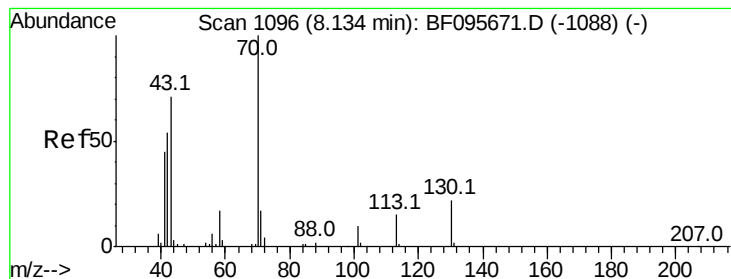
65 35.1 9.9 49.9

66 89.6 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.65 ng

RT: 8.29 min Scan# 1139

Delta R.T. 0.18 min

Lab File: BF095783.D

Acq: 8 Jun 2017 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 56157

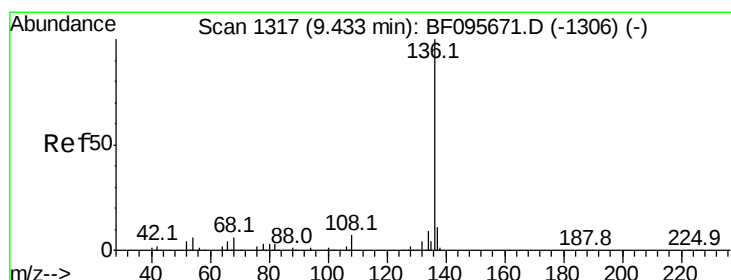
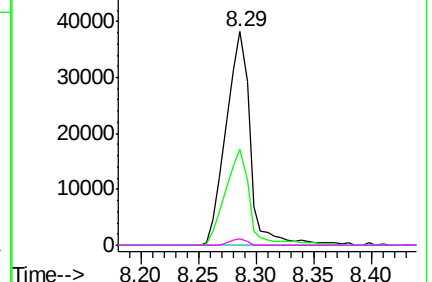
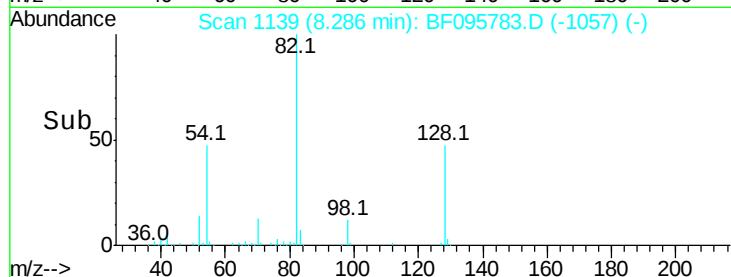
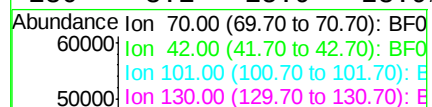
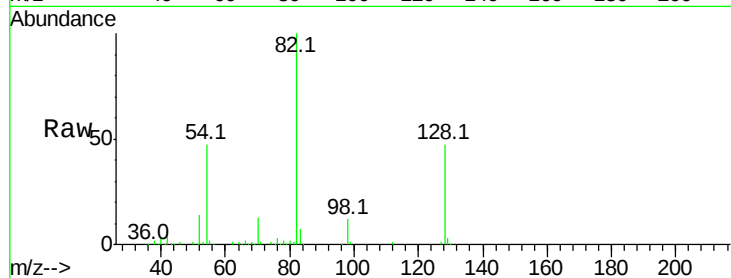
Ion Ratio Lower Upper

70 100

42 45.0 47.2 70.8#

101 0.0 7.2 10.8#

130 3.1 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF095783.D

Acq: 8 Jun 2017 15:00

Tgt Ion:136 Resp: 272079

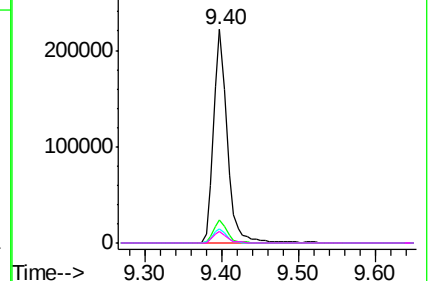
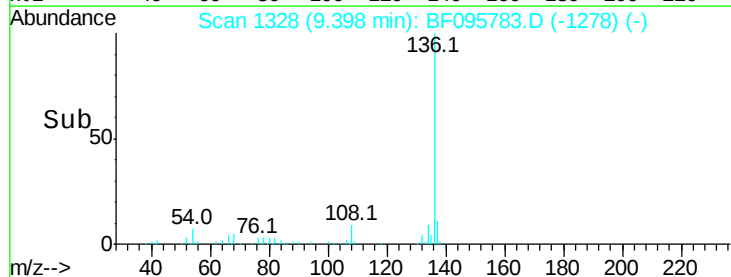
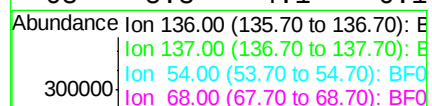
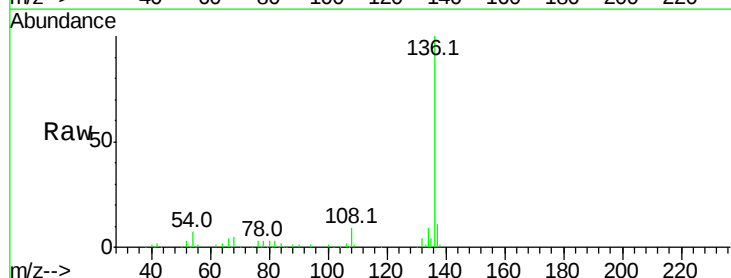
Ion Ratio Lower Upper

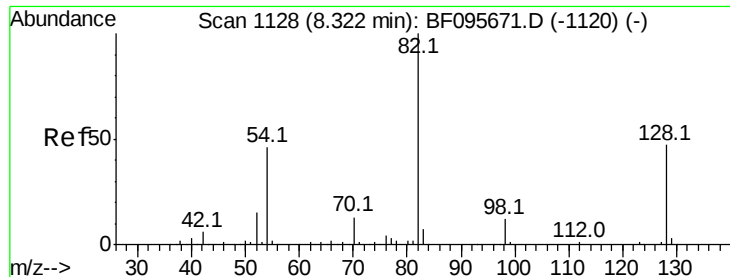
136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.3 4.1 6.1

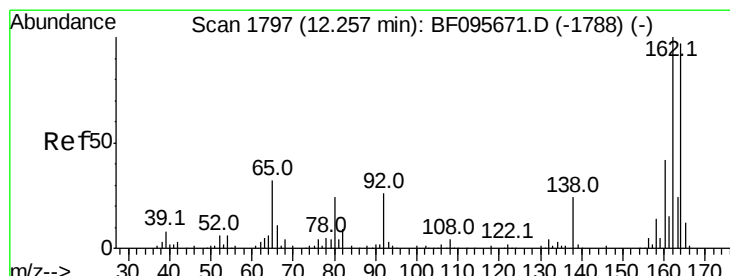
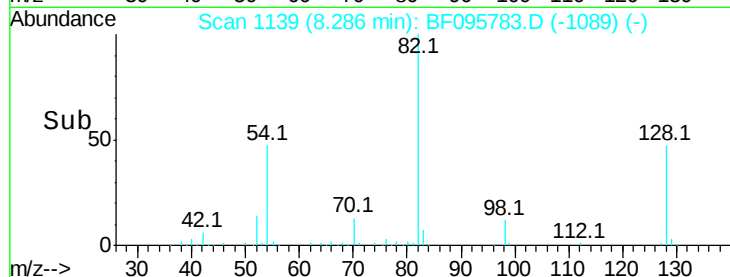
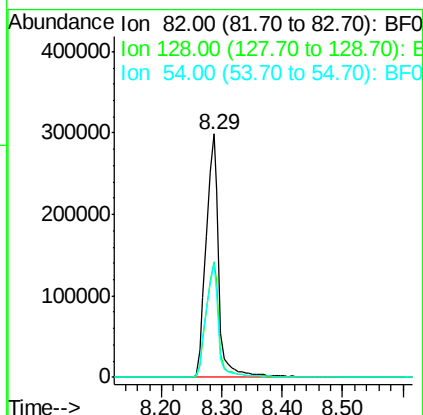
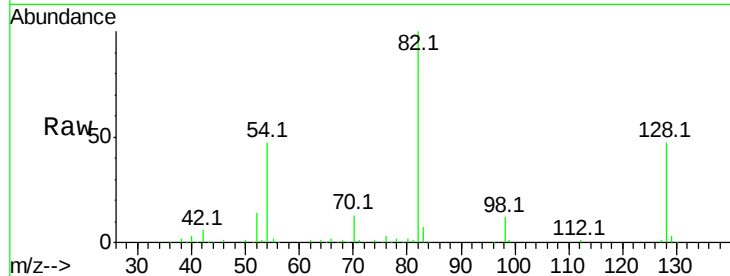




#23
Nitrobenzene-d5
Concen: 102.04 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF095783.D
Acq: 8 Jun 2017 15:00

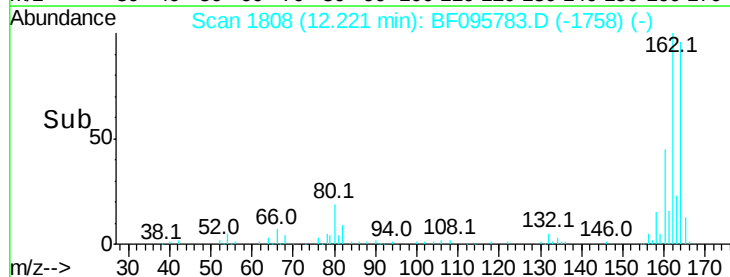
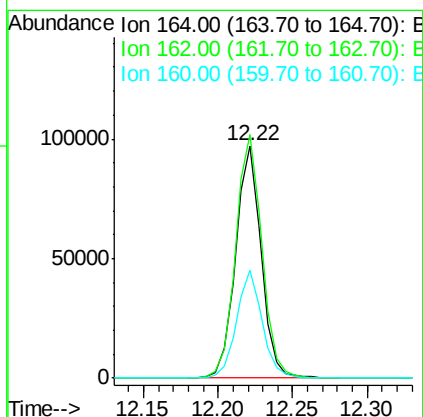
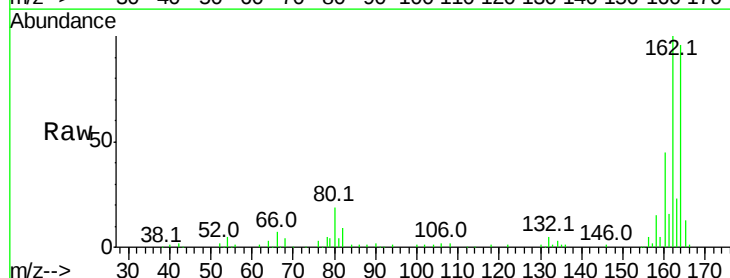
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 447027
Ion Ratio Lower Upper
82 100
128 47.3 34.0 51.0
54 47.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095783.D
Acq: 8 Jun 2017 15:00

Tgt Ion:164 Resp: 115928
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 46.6 36.2 54.2

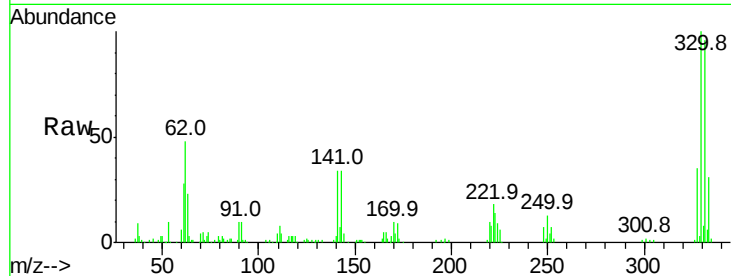




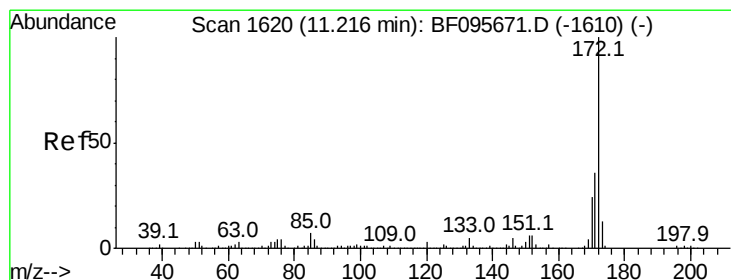
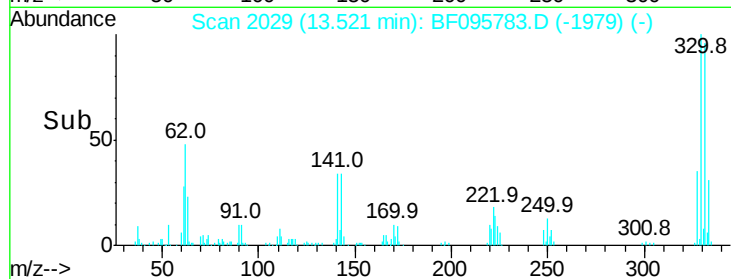
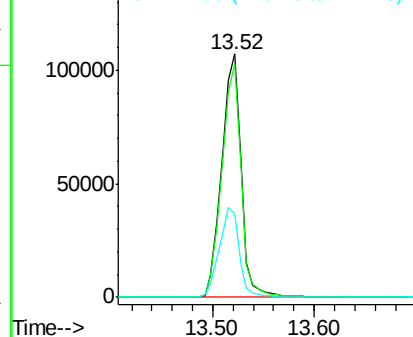
#41
 2,4,6-Tribromophenol
 Concen: 139.55 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF095783.D
 Acq: 8 Jun 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.0	31.4	47.2

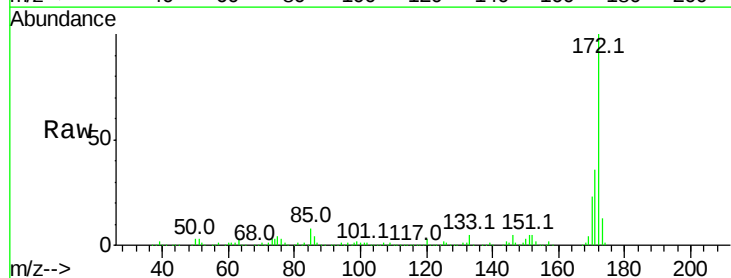


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

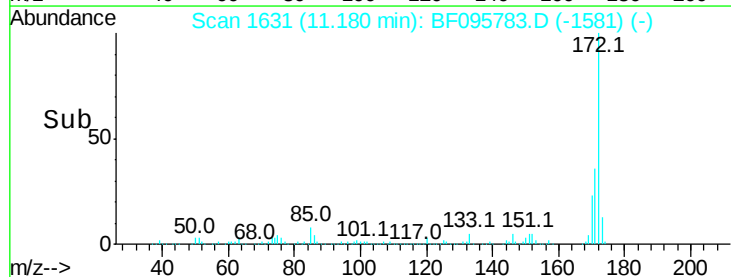
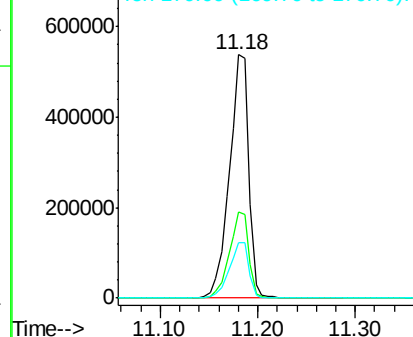


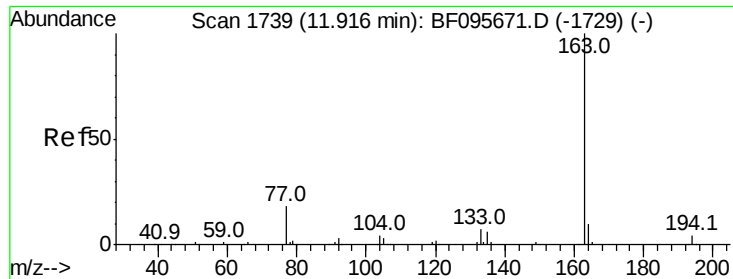
#44
 2-Fluorobiphenyl
 Concen: 88.77 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095783.D
 Acq: 8 Jun 2017 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	22.9	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.77 ng

RT: 11.87 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BF095783.D

Acq: 8 Jun 2017 15:00

Instrument :

BNA_F

ClientSampleId :

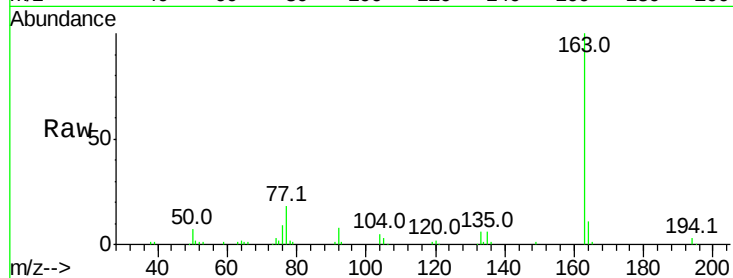
Tot Ion:163 Resp: 130039

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

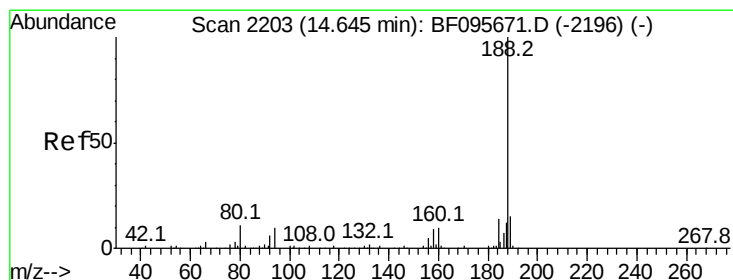
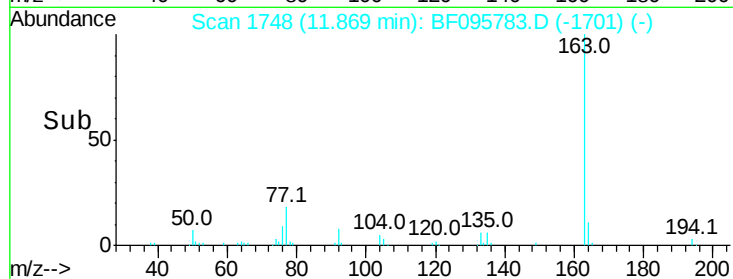
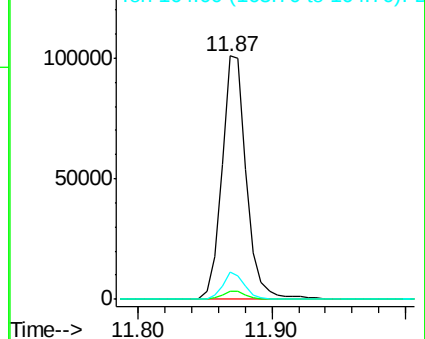
164 11.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BF095783.D

Acq: 8 Jun 2017 15:00

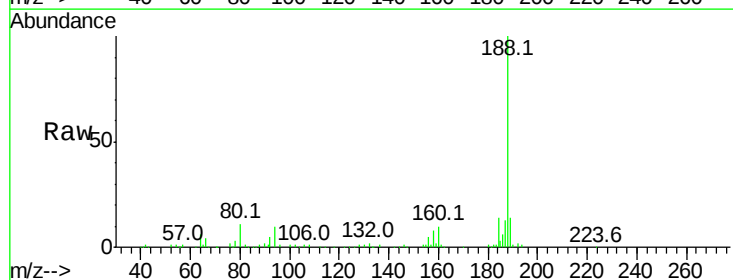
Tgt Ion:188 Resp: 187506

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

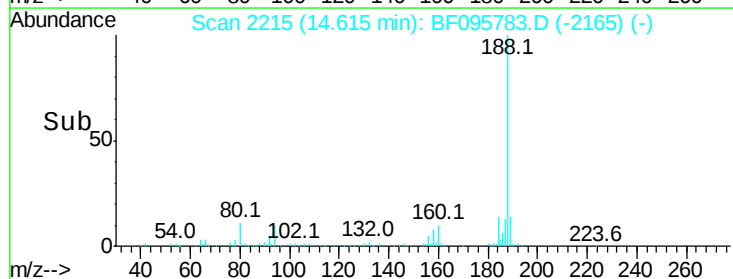
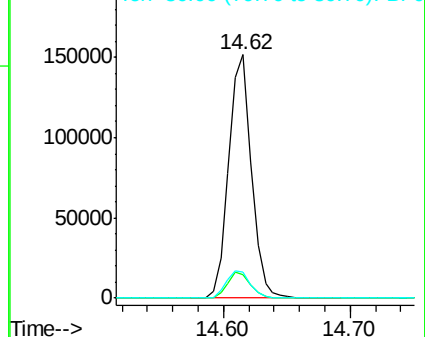
80 10.6 10.2 15.2

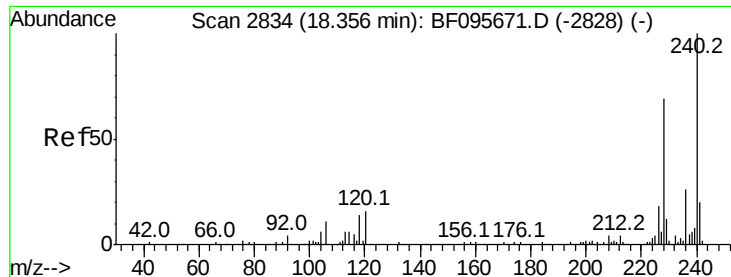


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

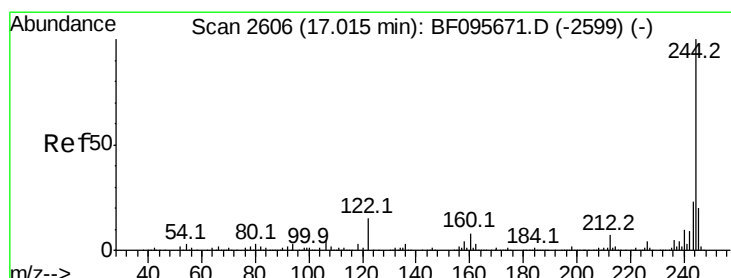
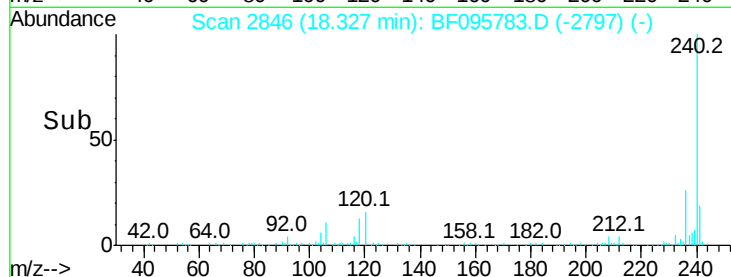
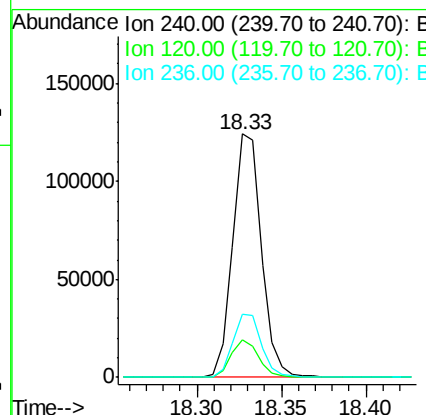
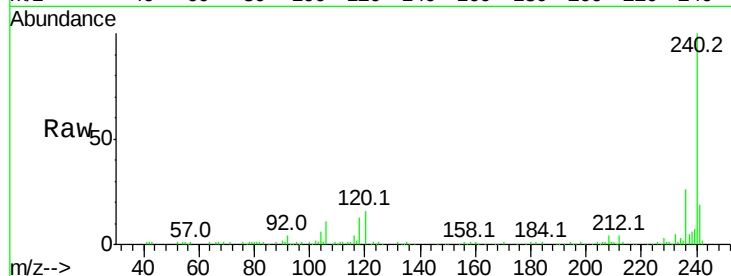




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095783.D
 Acq: 8 Jun 2017 15:00

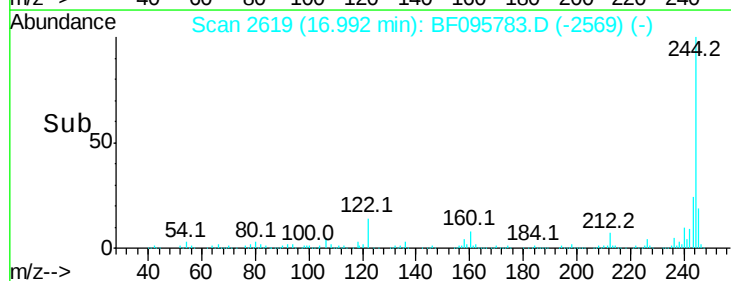
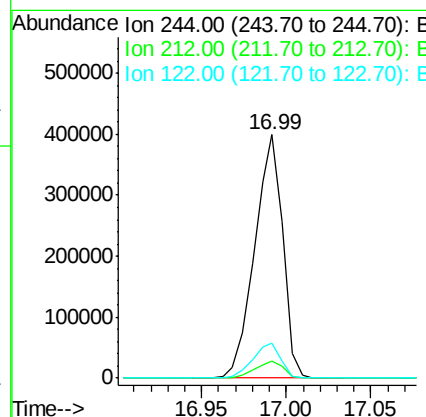
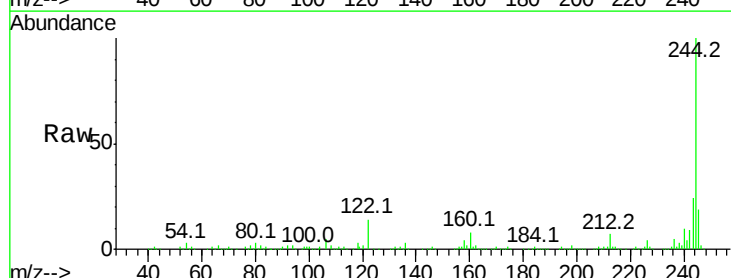
Instrument :
 BNA_F
 ClientSampleId :

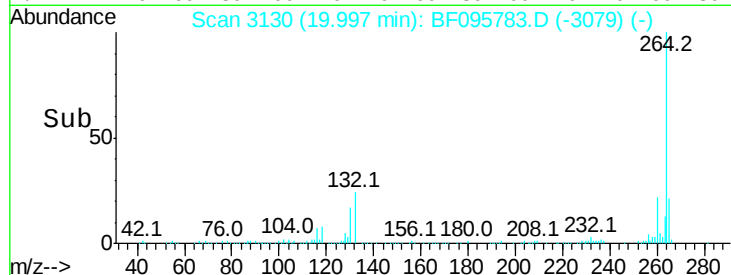
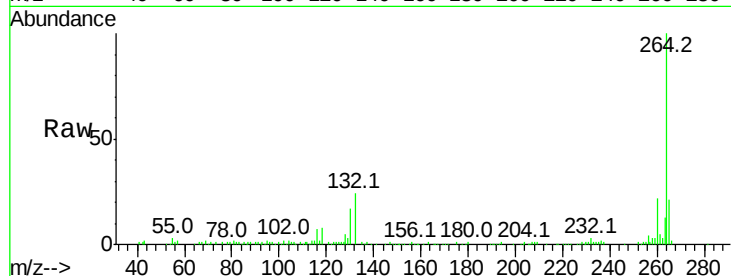
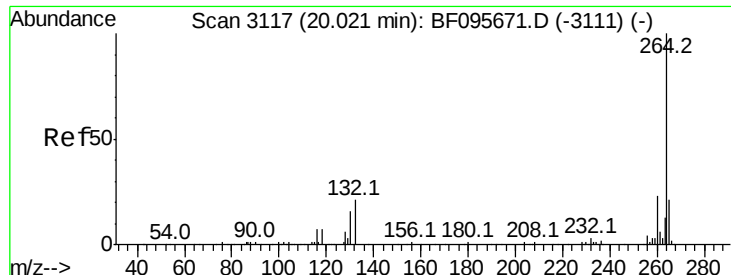
Tot Ion:240 Resp: 146287
 Ion Ratio Lower Upper
 240 100
 120 15.6 5.8 8.8#
 236 26.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 78.30 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095783.D
 Acq: 8 Jun 2017 15:00

Tgt Ion:244 Resp: 461516
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.2 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BF095783.D
 Acq: 8 Jun 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.5	17.2	25.8

