

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095733.D
 Acq On : 7 Jun 2017 3:59
 Operator : SJ/MA
 Sample : I3469-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 04:34:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

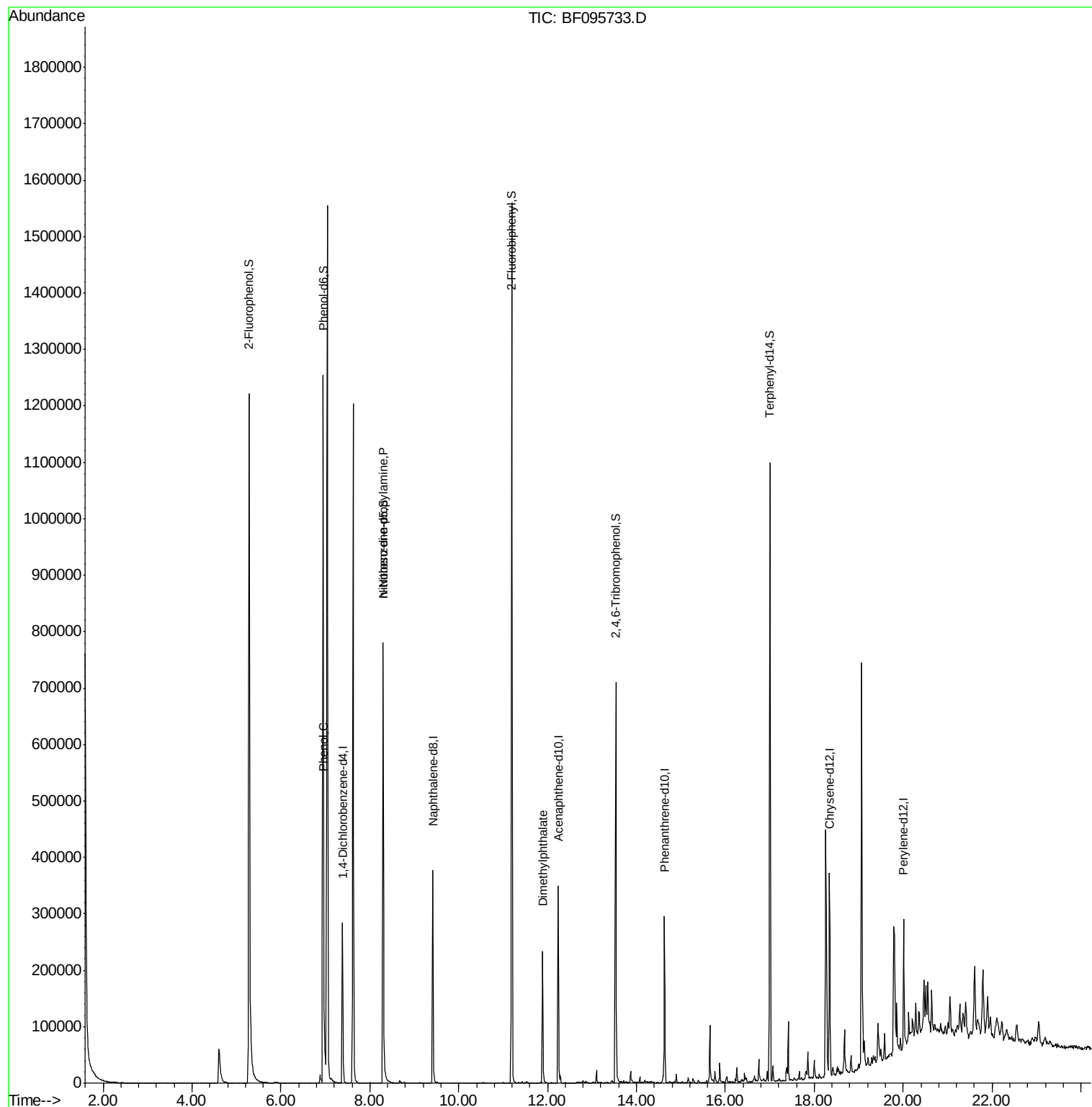
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	69502	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	259501	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	99914	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	155377	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	132179	20.00	ng	-0.01
86) Perylene-d12	20.01	264	89784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	648531	148.69	ng	0.00
7) Phenol-d6	6.95	99	762871	146.10	ng	0.00
23) Nitrobenzene-d5	8.30	82	412476	98.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	112638	127.42	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	692886	96.50	ng	-0.02
78) Terphenyl-d14	17.00	244	403720	75.80	ng	-0.01
Target Compounds						
10) Phenol	6.96	94	11425	2.11	ng	# 68
19) n-Nitroso-di-n-propylamine	8.30	70	51509	15.57	ng	# 73
49) Dimethylphthalate	11.89	163	132989	17.53	ng	99

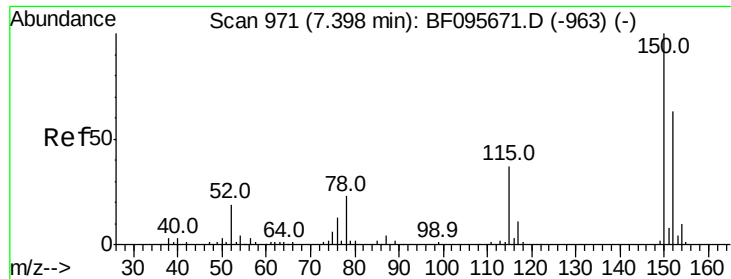
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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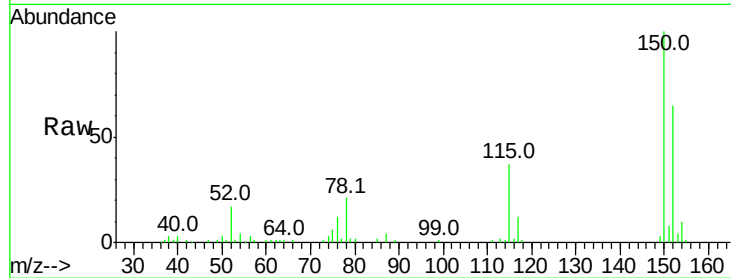


#1

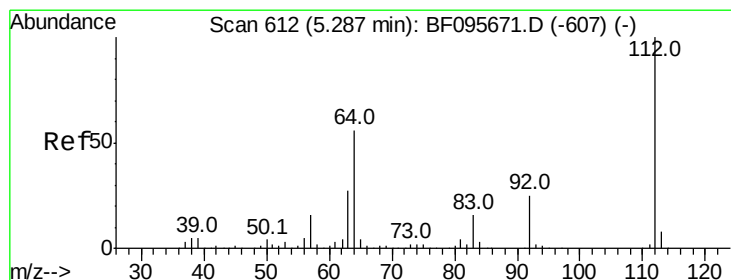
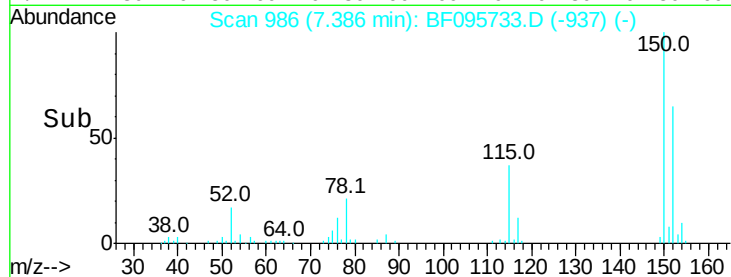
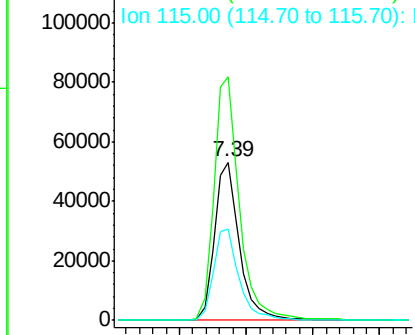
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.39 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF095733.D
 Acq: 7 Jun 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 69502
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.2 189.2
 115 57.6 52.2 78.2



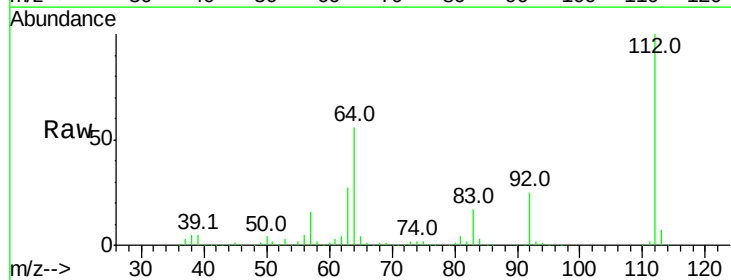
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



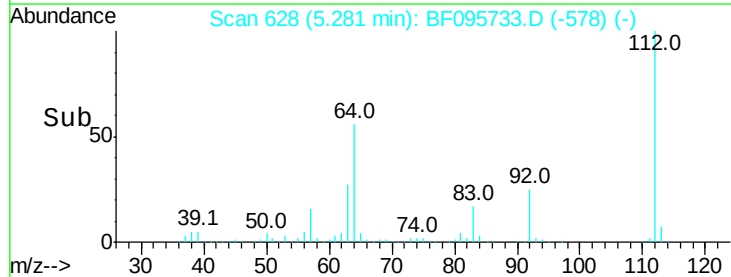
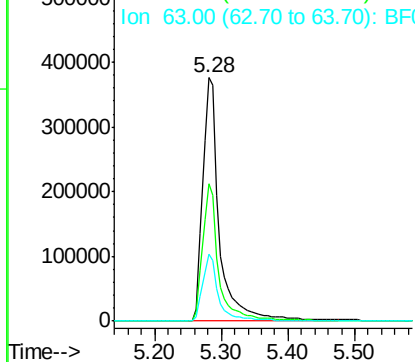
#5

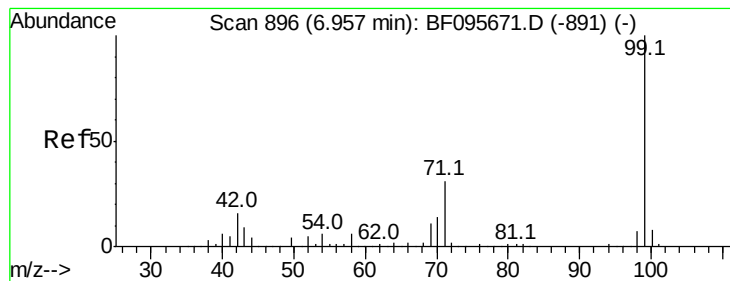
2-Fluorophenol
 Concen: 148.69 ng
 RT: 5.28 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF095733.D
 Acq: 7 Jun 2017 3:59

Tgt Ion:112 Resp: 648531
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.0 69.0
 63 27.3 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: 146.10 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

Instrument :

BNA_F

ClientSampleId :

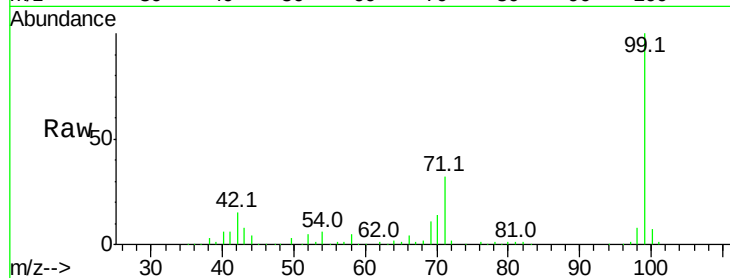
Tot Ion: 99 Resp: 762871

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

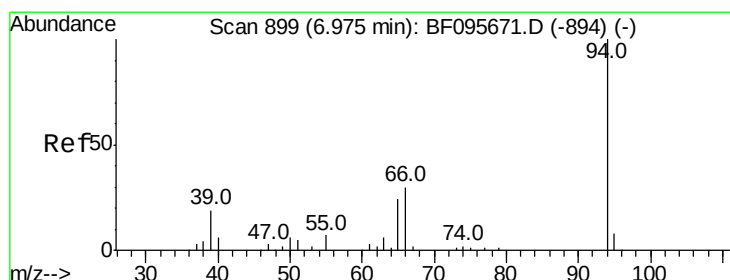
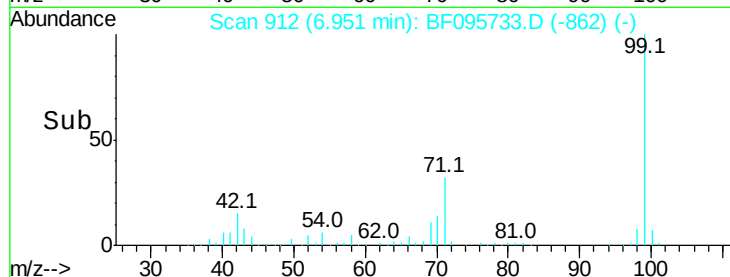
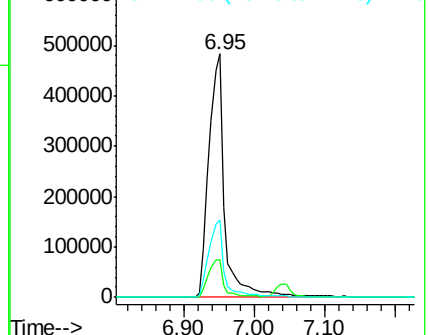
71 31.6 24.5 36.7



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: 2.11 ng

RT: 6.96 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

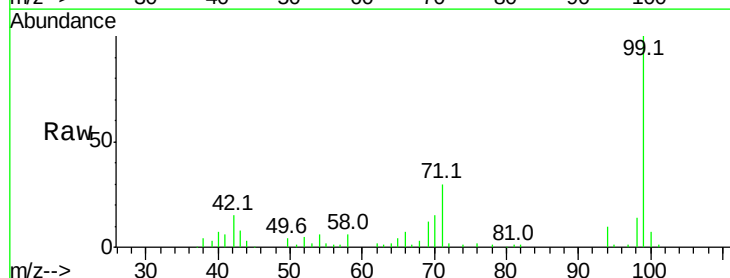
Tgt Ion: 94 Resp: 11425

Ion Ratio Lower Upper

94 100

65 37.8 9.9 49.9

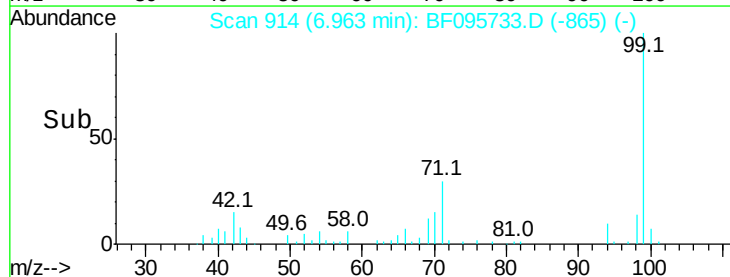
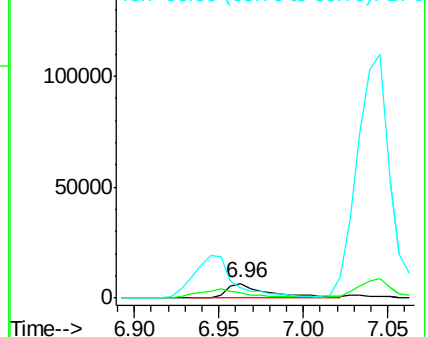
66 71.6 23.1 63.1#

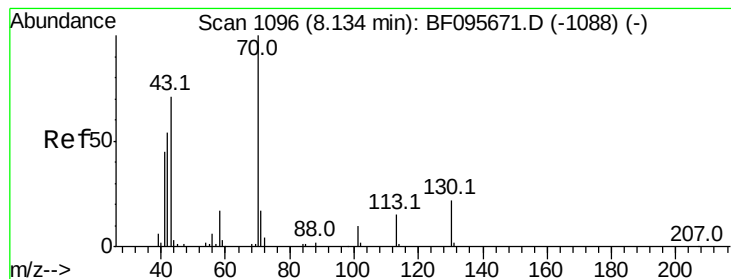


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 15.57 ng

RT: 8.30 min Scan# 1142

Delta R.T. 0.17 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 51509

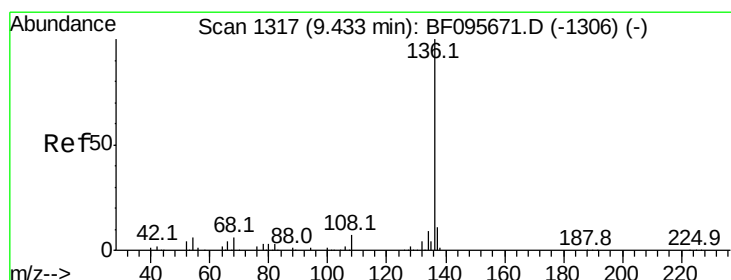
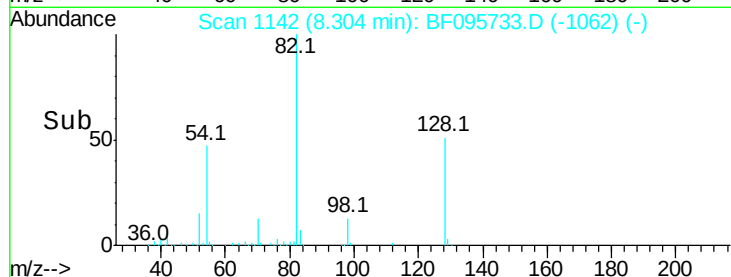
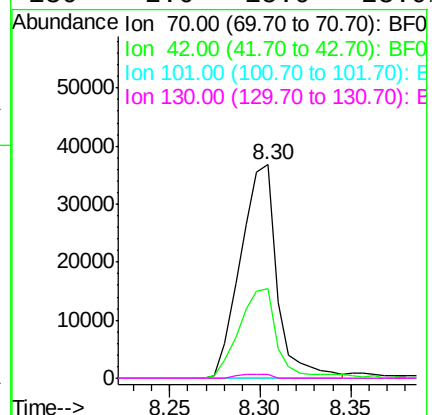
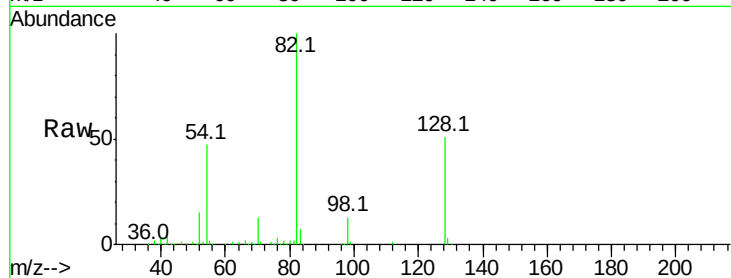
Ion Ratio Lower Upper

70 100

42 41.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

Tgt Ion: 136 Resp: 259501

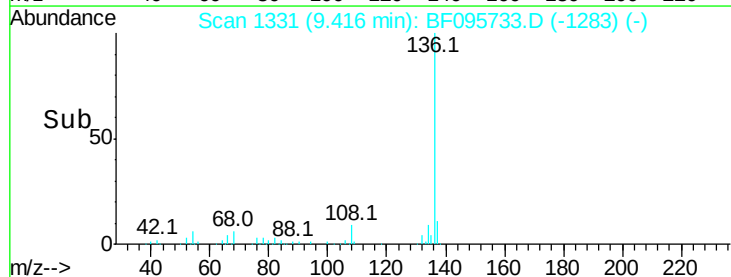
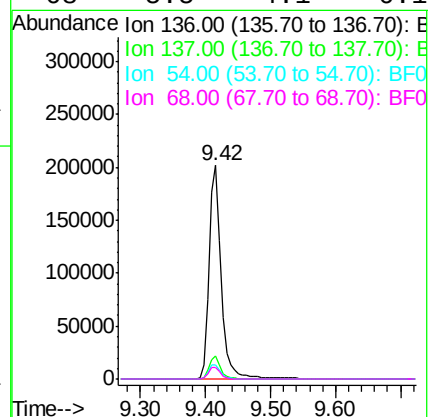
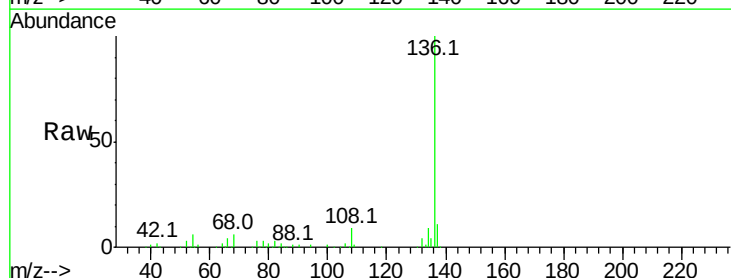
Ion Ratio Lower Upper

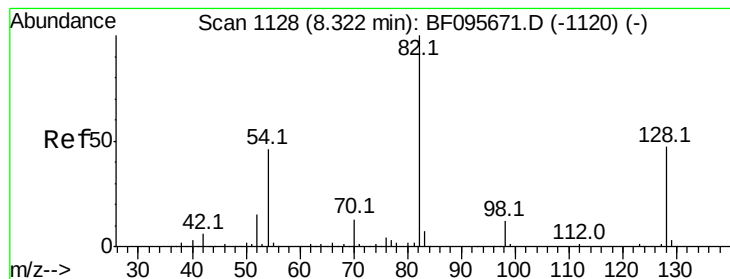
136 100

137 10.6 8.5 12.7

54 6.4 4.9 7.3

68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 98.72 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

Instrument :

BNA_F

ClientSampleId :

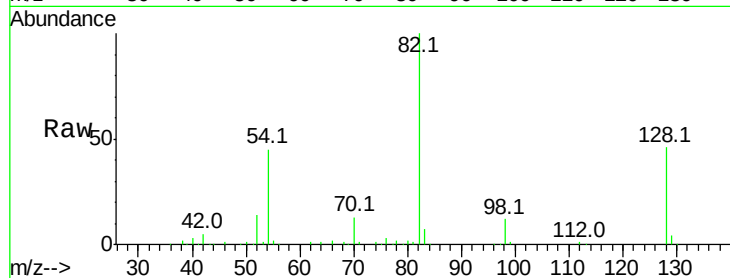
Tot Ion: 82 Resp: 412476

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

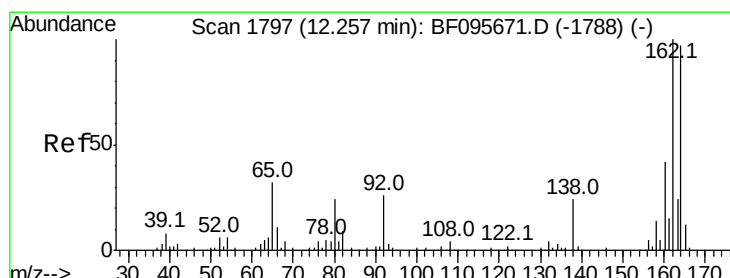
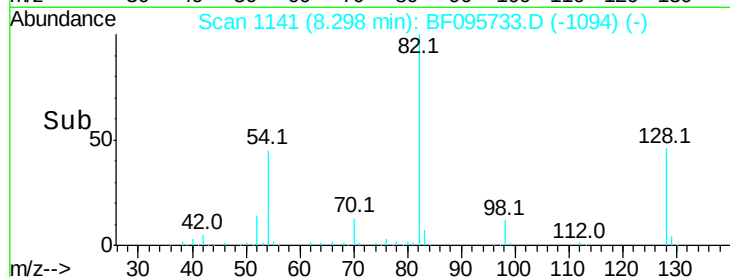
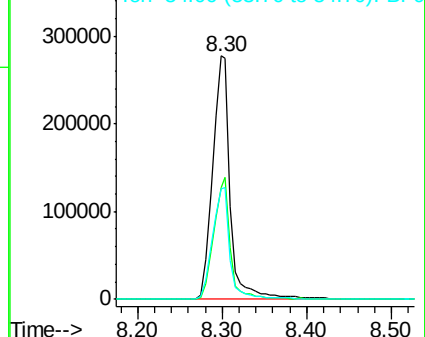
54 45.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

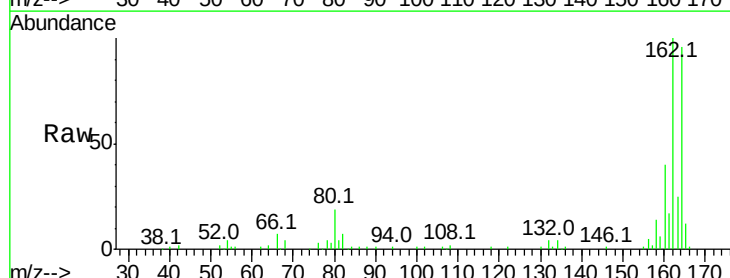
Tgt Ion:164 Resp: 99914

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

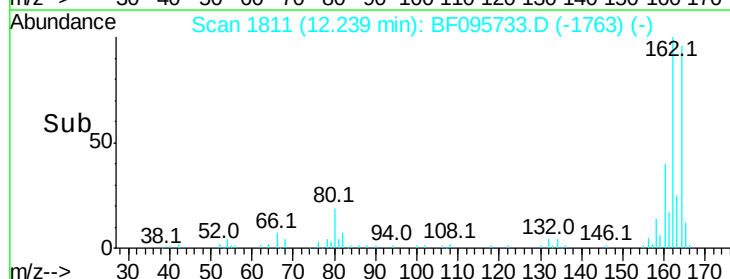
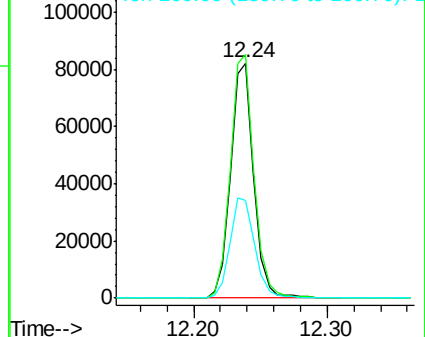
160 41.7 36.2 54.2

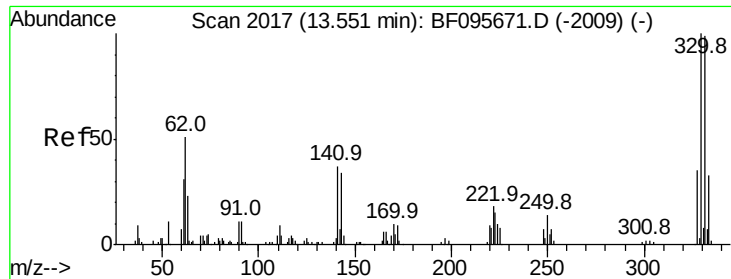


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

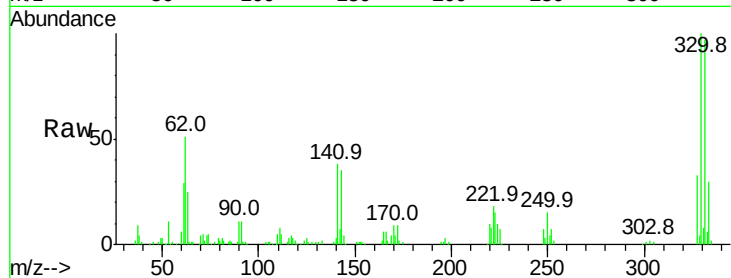




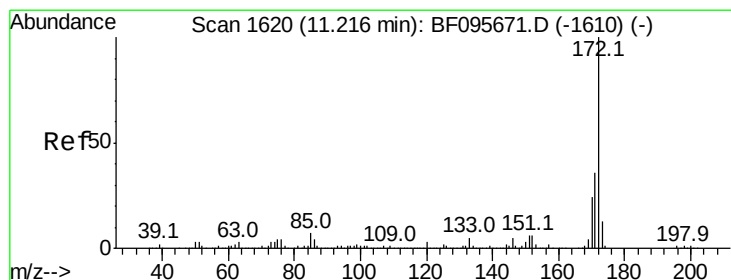
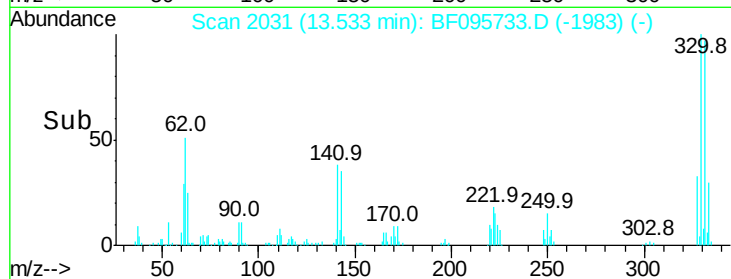
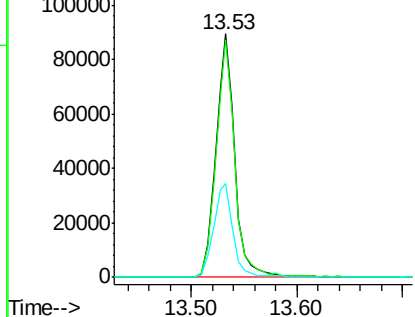
#41
 2,4,6-Tribromophenol
 Concen: 127.42 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095733.D
 Acq: 7 Jun 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 112638
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.5 31.4 47.2

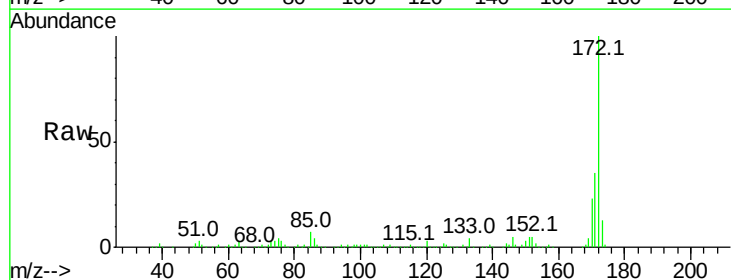


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

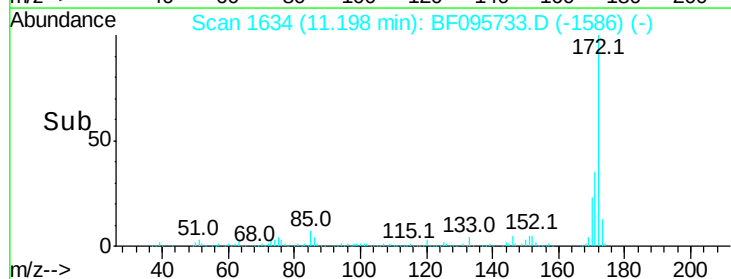
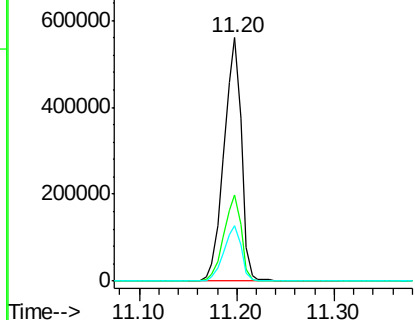


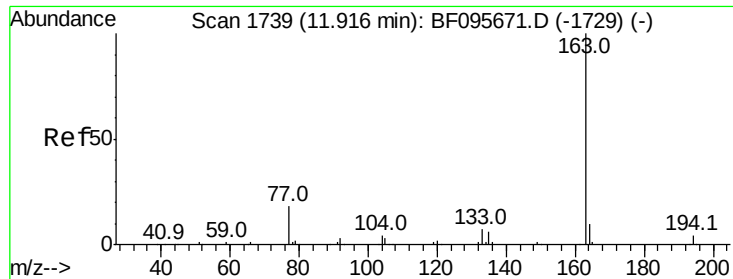
#44
 2-Fluorobiphenyl
 Concen: 96.50 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095733.D
 Acq: 7 Jun 2017 3:59

Tgt Ion:172 Resp: 692886
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 22.8 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: 17.53 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

Instrument :

BNA_F

ClientSampleId :

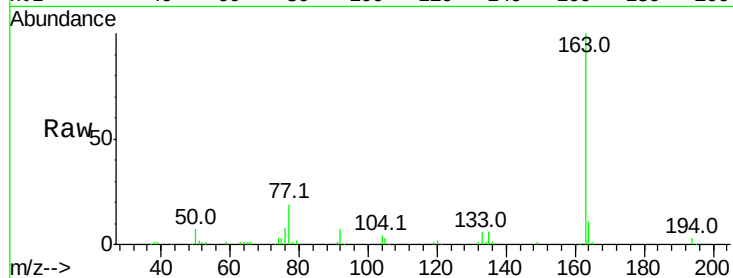
Tot Ion:163 Resp: 132989

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

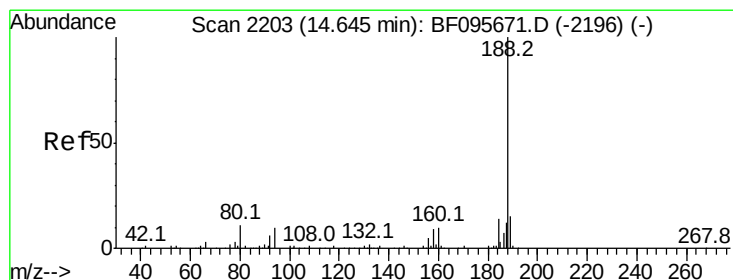
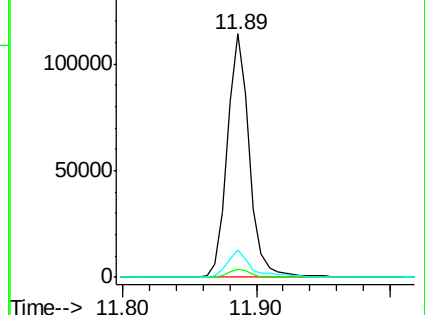
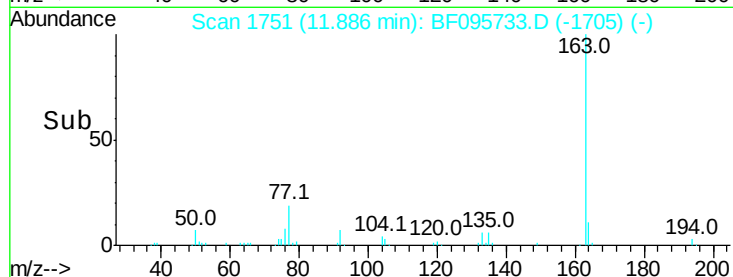
164 11.2 8.4 12.6



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: 14.63 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

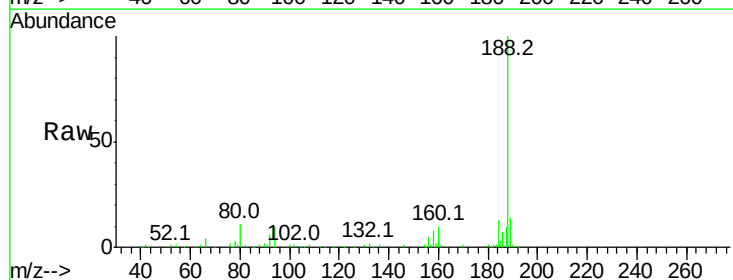
Tgt Ion:188 Resp: 155377

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

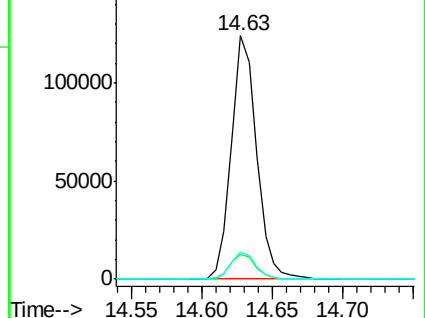
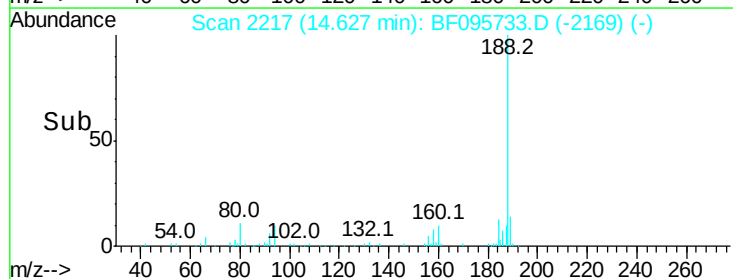
80 11.0 10.2 15.2

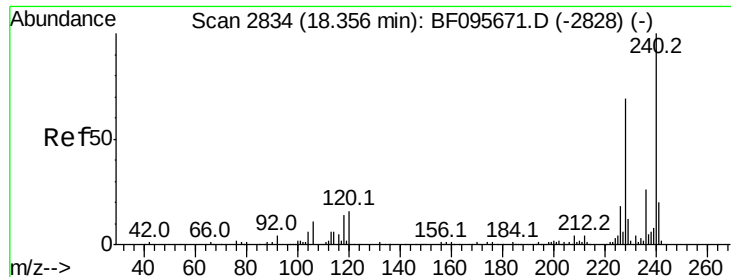


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

Instrument :

BNA_F

ClientSampleId :

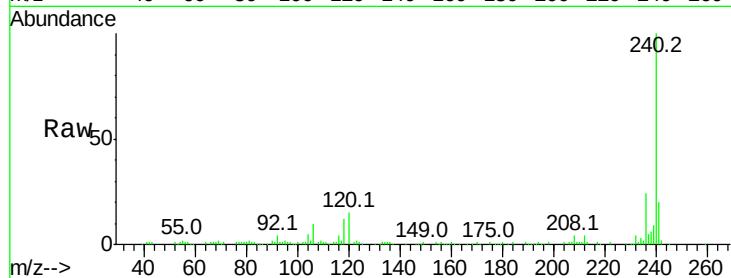
Tot Ion:240 Resp: 132179

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

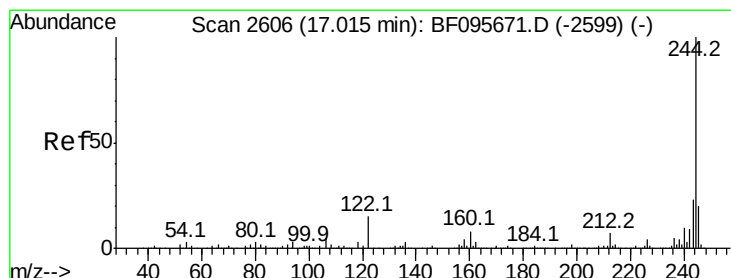
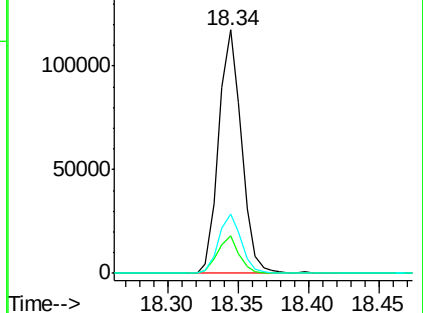
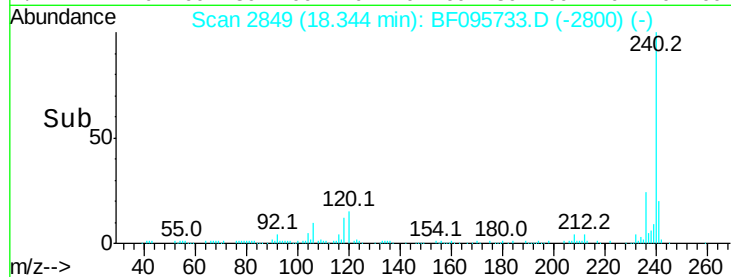
236 24.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 75.80 ng

RT: 17.00 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF095733.D

Acq: 7 Jun 2017 3:59

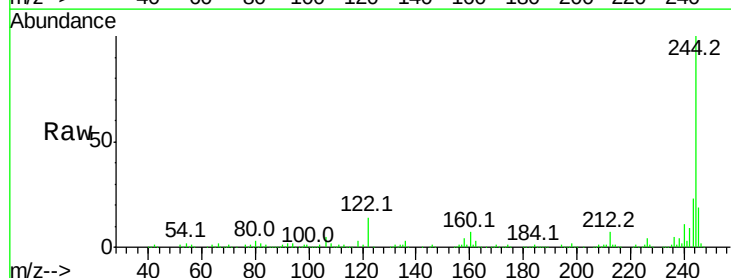
Tgt Ion:244 Resp: 403720

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

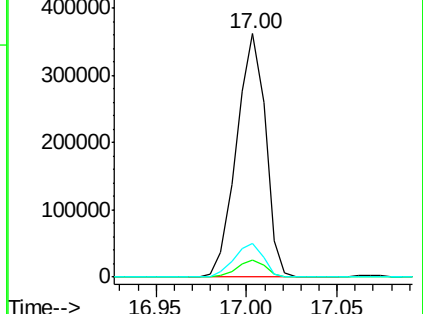
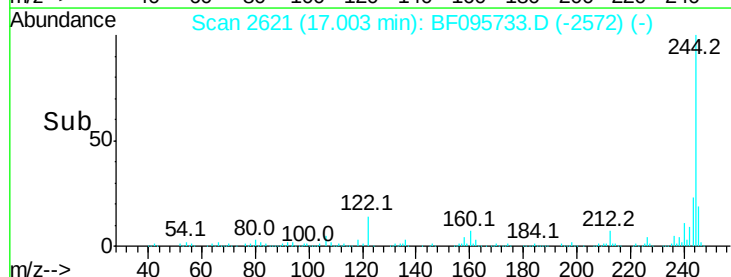
122 13.6 10.3 15.5

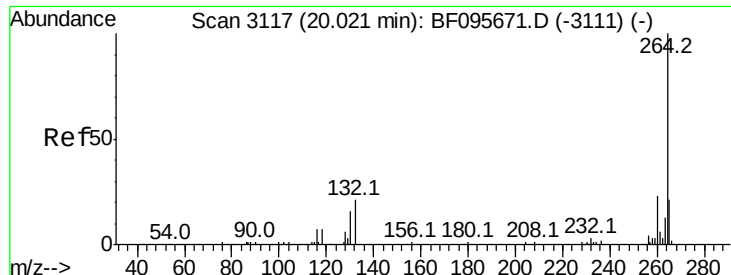


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095733.D
 Acq: 7 Jun 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.9	17.2	25.8

