

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095765.D
 Acq On : 8 Jun 2017 1:23
 Operator : SJ/MA
 Sample : I3469-11RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:10:28 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

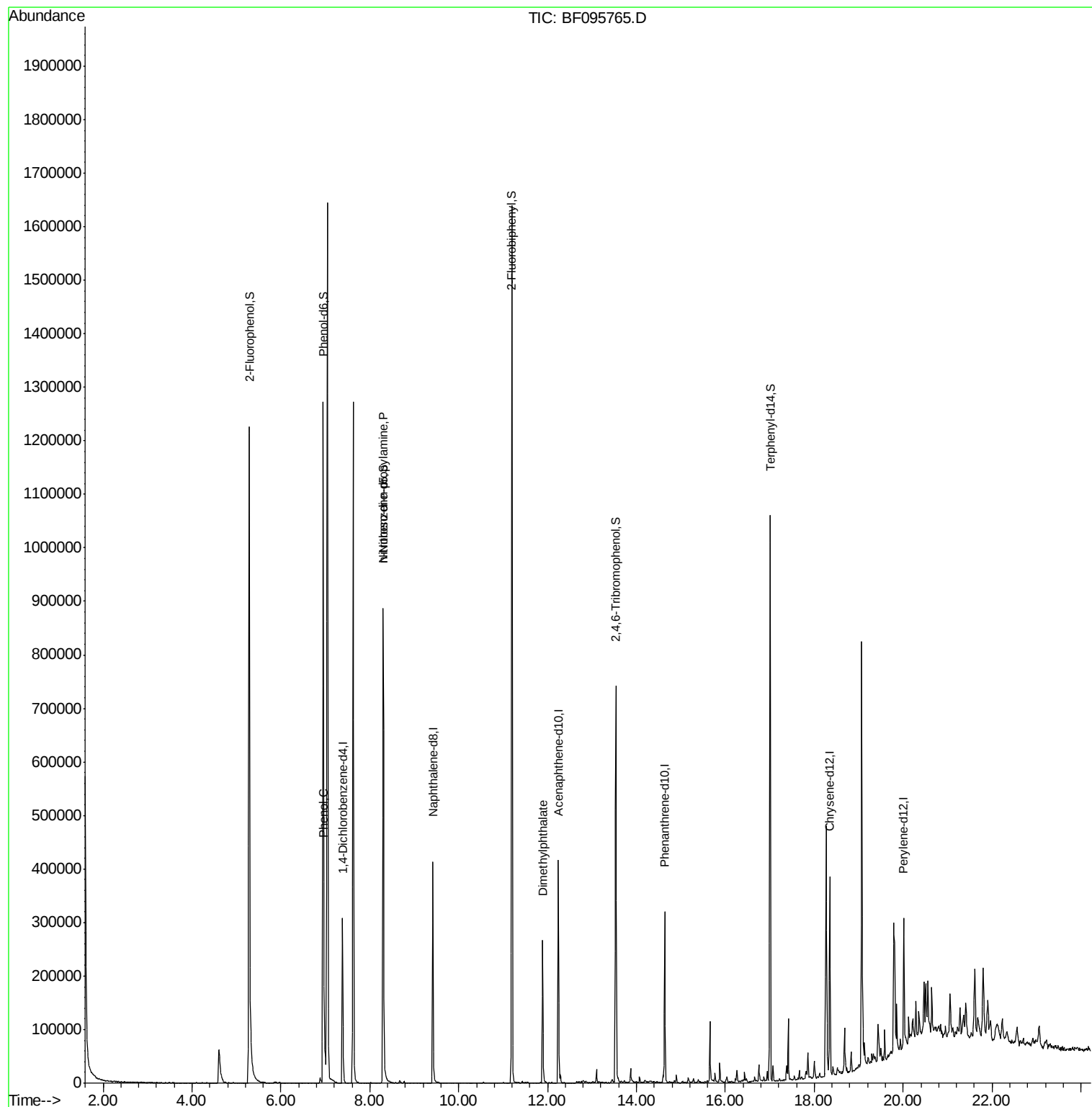
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	72908	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	279266	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	110084	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	164722	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	136523	20.00	ng	0.00
86) Perylene-d12	20.02	264	94495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	681006	148.84	ng	0.00
7) Phenol-d6	6.95	99	808444	147.59	ng	0.00
23) Nitrobenzene-d5	8.30	82	455453	101.29	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	123818	127.12	ng	-0.01
44) 2-Fluorobiphenyl	11.20	172	755765	95.54	ng	-0.02
78) Terphenyl-d14	17.01	244	408971	74.34	ng	0.00
Target Compounds						
10) Phenol	6.97	94	11693	2.06	ng	# 68
19) n-Nitroso-di-n-propylamine	8.30	70	57123	16.46	ng	# 75
49) Dimethylphthalate	11.89	163	151554	18.13	ng	99

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

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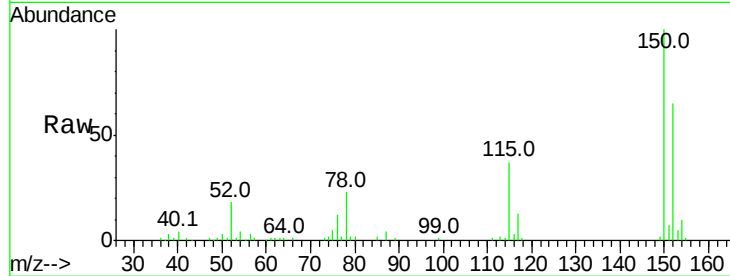


#1

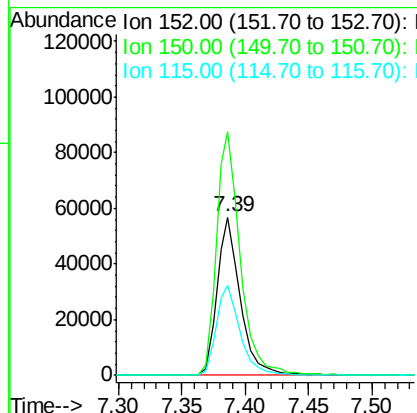
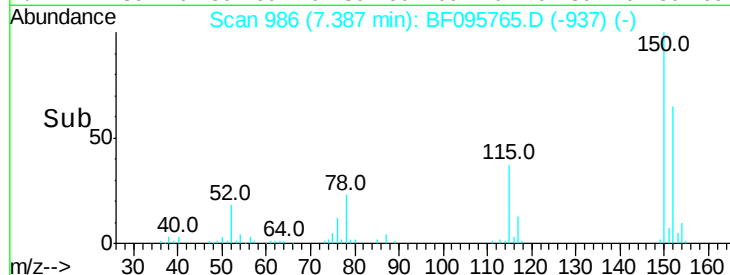
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095765.D
Acq: 8 Jun 2017 1:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 72908
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 57.1 52.2 78.2



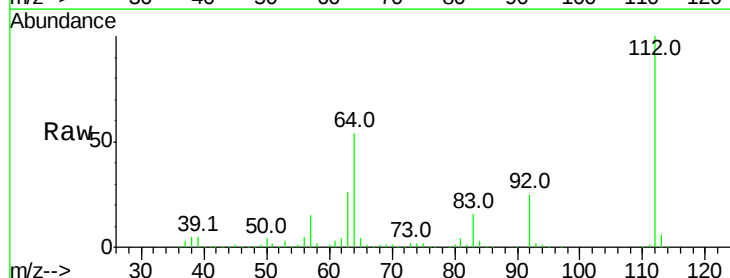
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



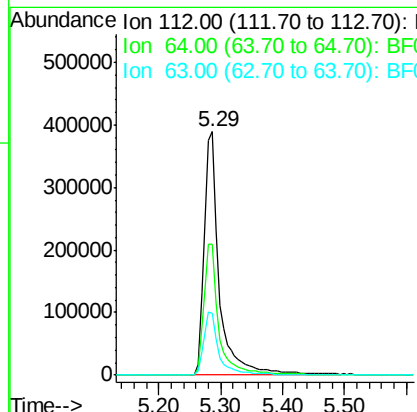
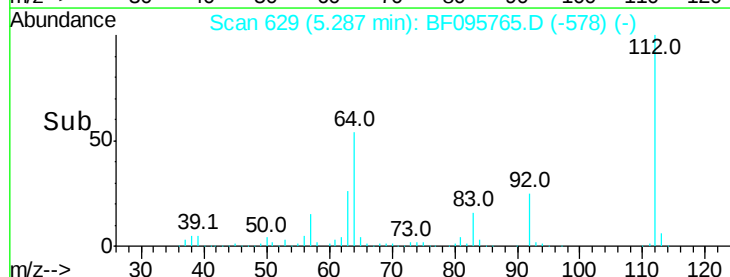
#5

2-Fluorophenol
Concen: 148.84 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095765.D
Acq: 8 Jun 2017 1:23

Tgt Ion:112 Resp: 681006
Ion Ratio Lower Upper
112 100
64 53.9 46.0 69.0
63 25.6 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: 147.59 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095765.D

Acq: 8 Jun 2017 1:23

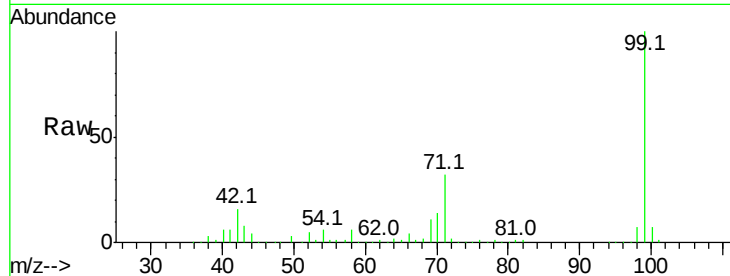
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 808444

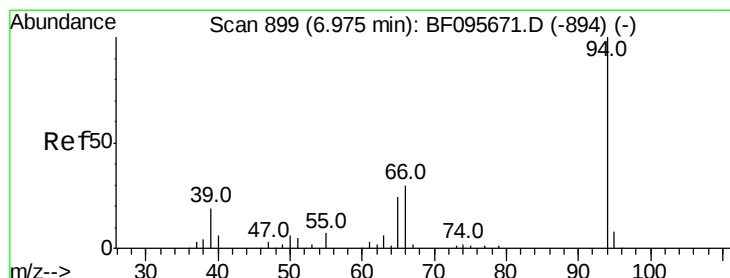
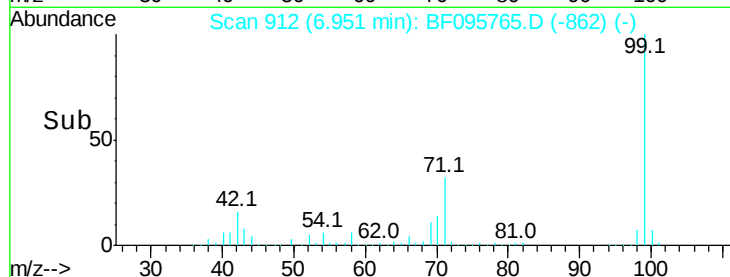
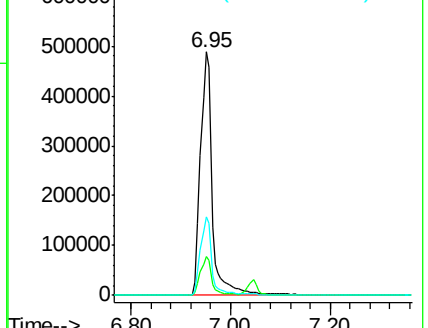
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	32.0	24.5	36.7



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: 2.06 ng

RT: 6.97 min Scan# 915

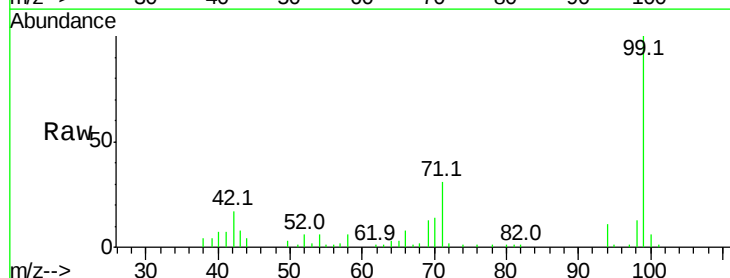
Delta R.T. -0.01 min

Lab File: BF095765.D

Acq: 8 Jun 2017 1:23

Tgt Ion: 94 Resp: 11693

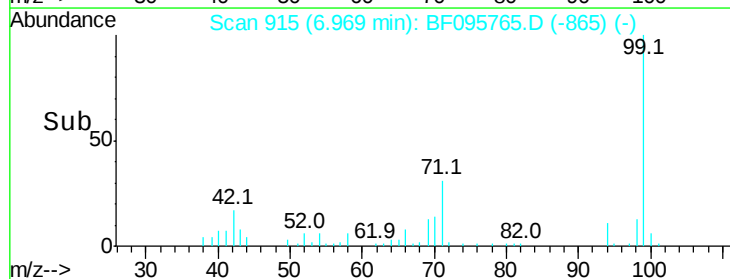
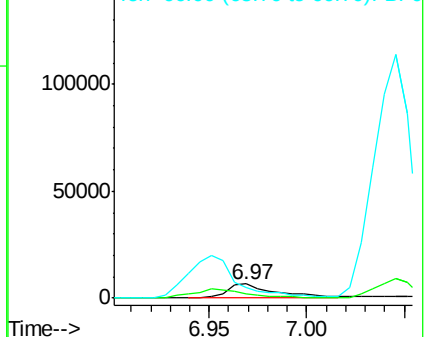
Ion	Ratio	Lower	Upper
94	100		
65	31.4	9.9	49.9
66	76.9	23.1	63.1

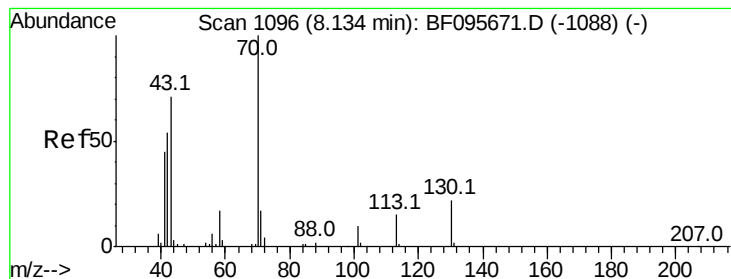


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 16.46 ng

RT: 8.30 min Scan# 1142

Delta R.T. 0.17 min

Lab File: BF095765.D

Acq: 8 Jun 2017 1:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 57123

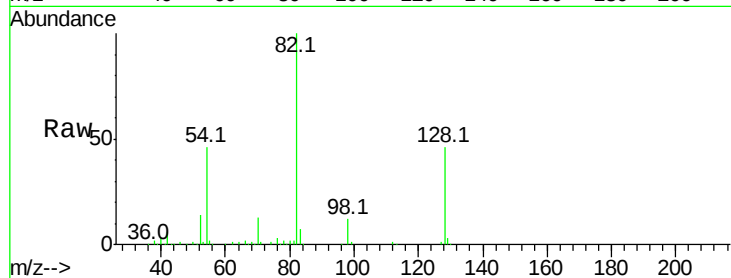
Ion Ratio Lower Upper

70 100

42 43.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

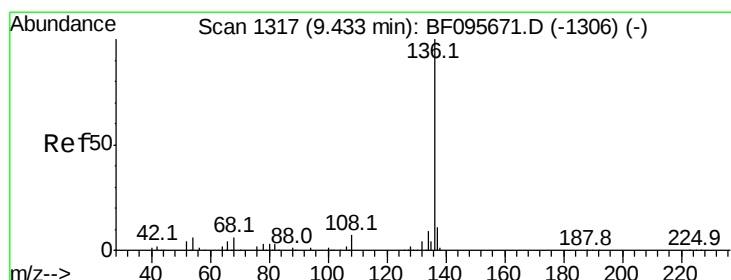
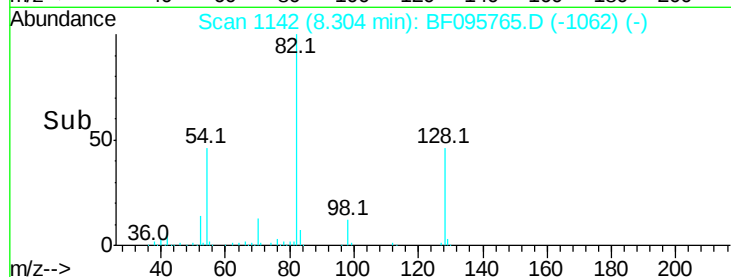
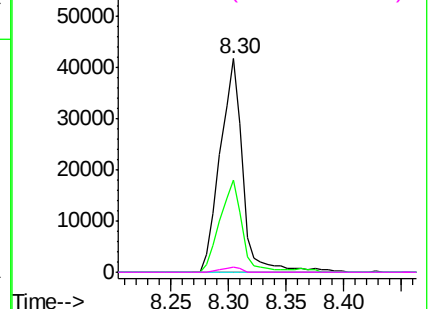


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095765.D

Acq: 8 Jun 2017 1:23

Tgt Ion:136 Resp: 279266

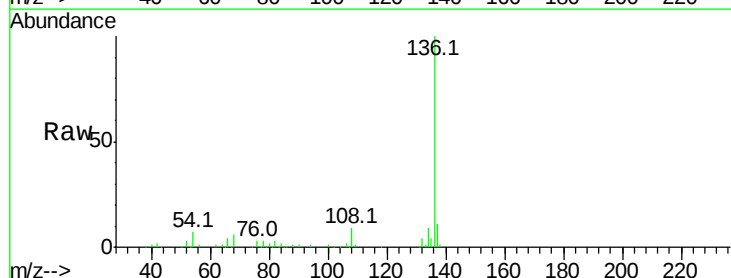
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

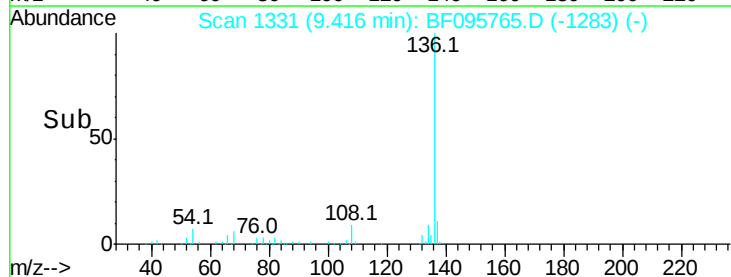
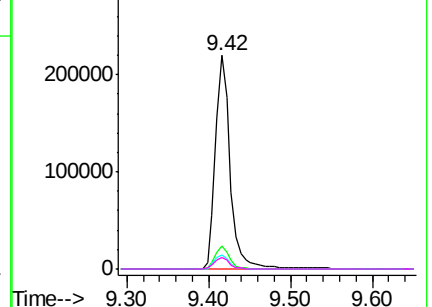


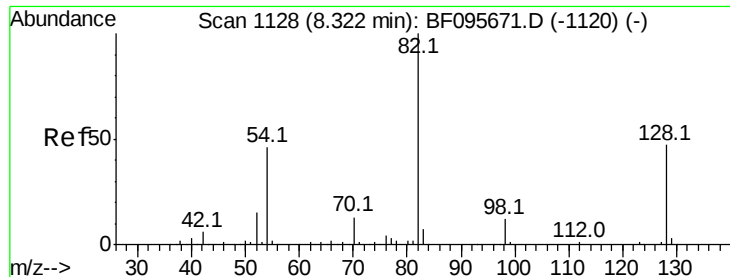
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

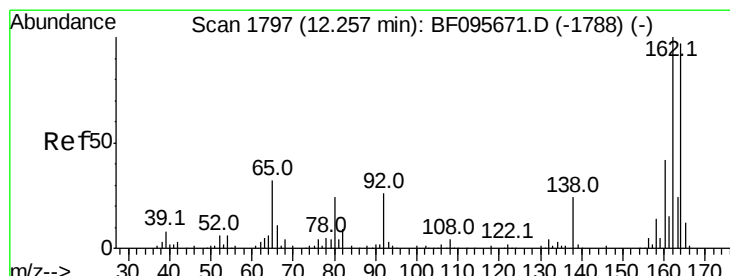
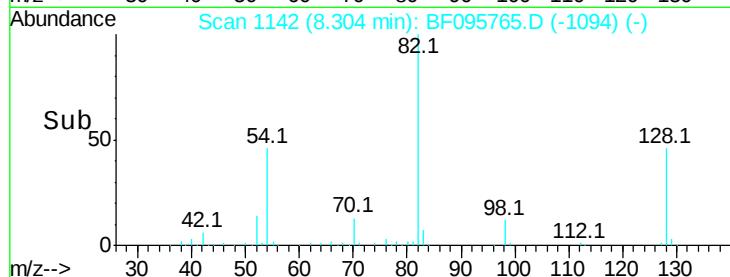
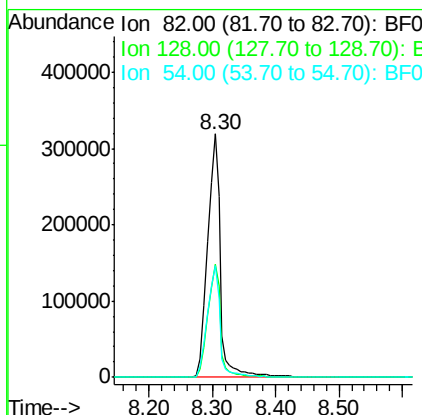
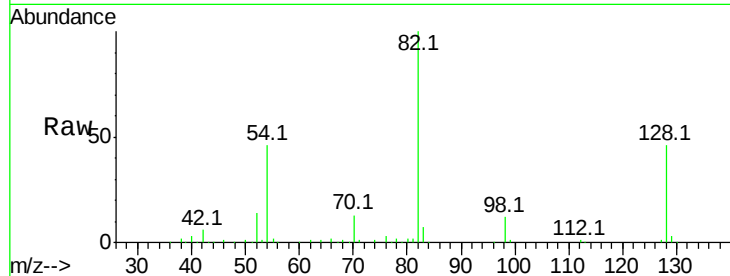




#23
 Nitrobenzene-d5
 Concen: 101.29 ng
 RT: 8.30 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095765.D
 Acq: 8 Jun 2017 1:23

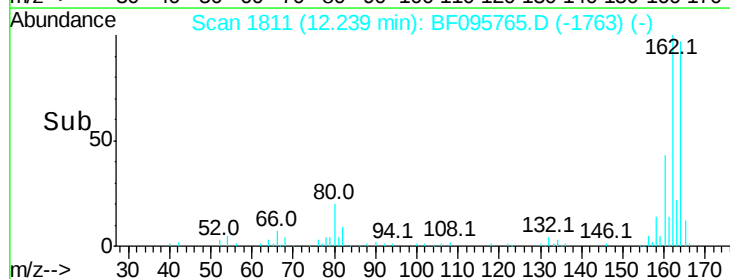
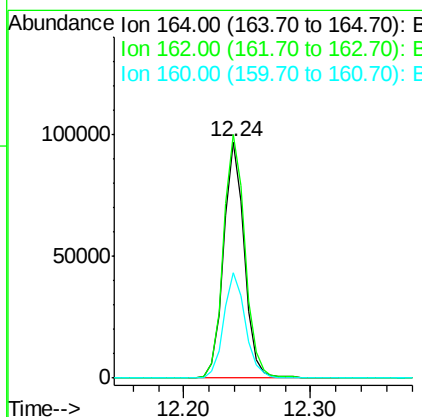
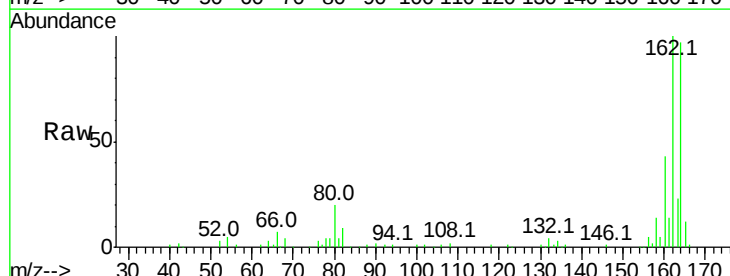
Instrument :
 BNA_F
 ClientSampleId :

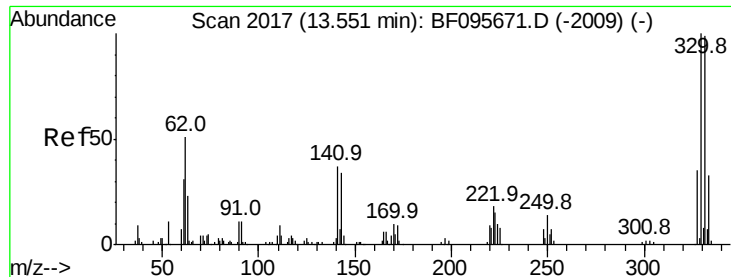
Tot Ion: 82 Resp: 455453
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 46.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.02 min
 Lab File: BF095765.D
 Acq: 8 Jun 2017 1:23

Tgt Ion:164 Resp: 110084
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 44.6 36.2 54.2

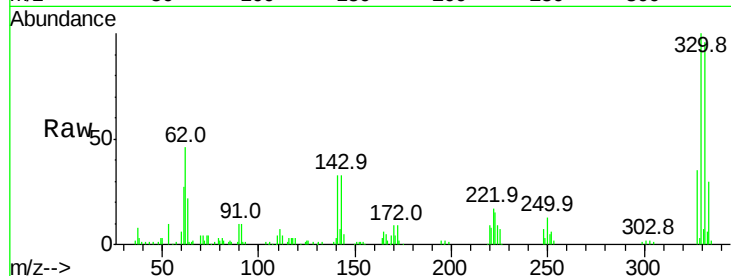




#41
 2,4,6-Tribromophenol
 Concen: 127.12 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095765.D
 Acq: 8 Jun 2017 1:23

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

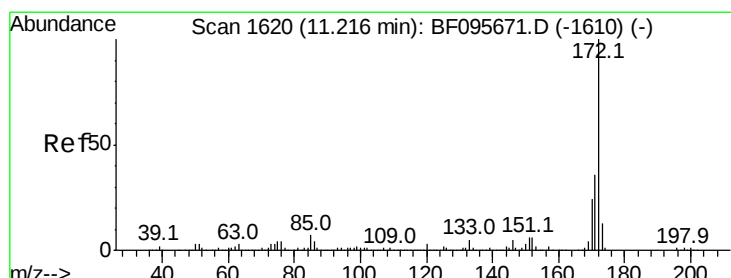
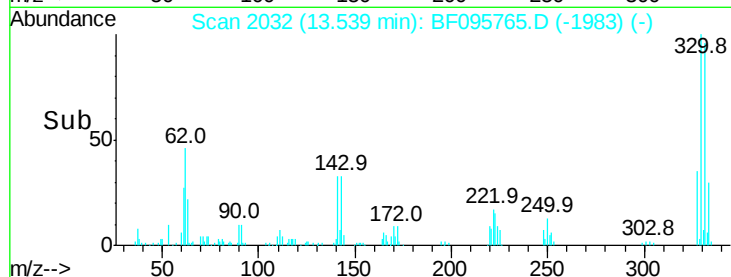
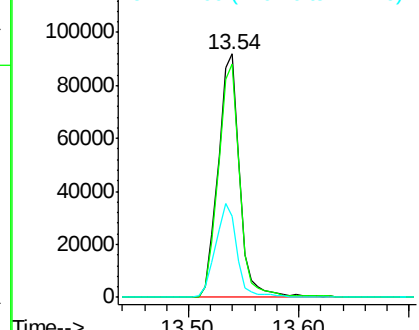


Abundance

Ion 329.80 (329.50 to 330.50): E

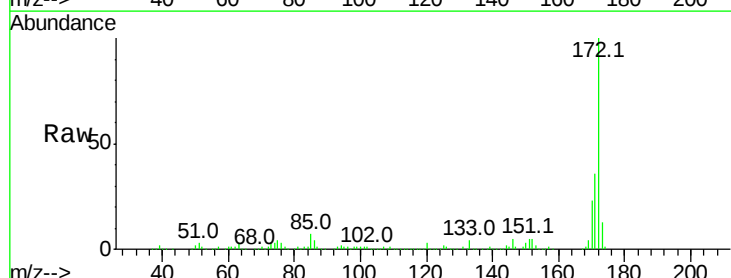
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.54 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095765.D
 Acq: 8 Jun 2017 1:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.8	19.8	29.8

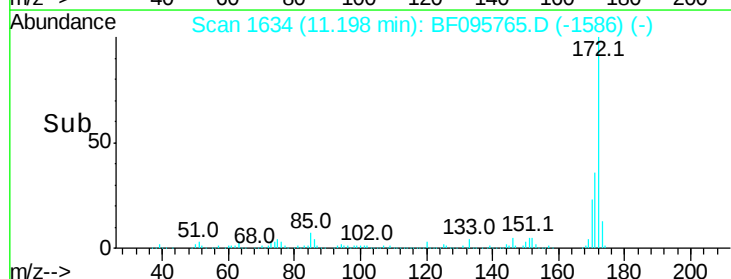
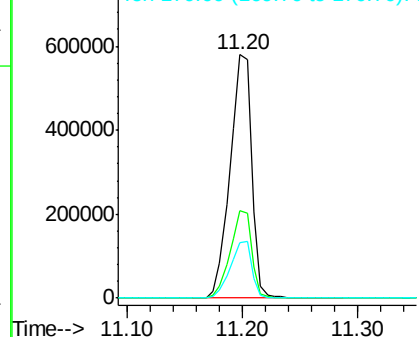


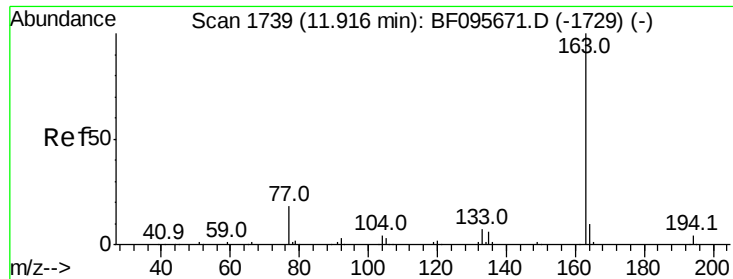
Abundance

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: 18.13 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095765.D

Acq: 8 Jun 2017 1:23

Instrument :

BNA_F

ClientSampleId :

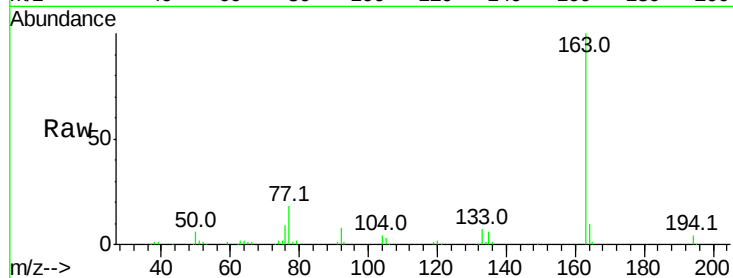
Tot Ion:163 Resp: 151554

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

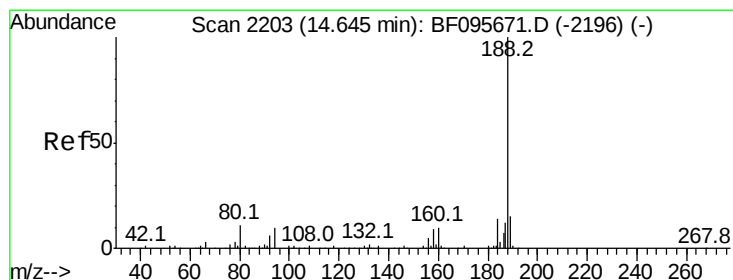
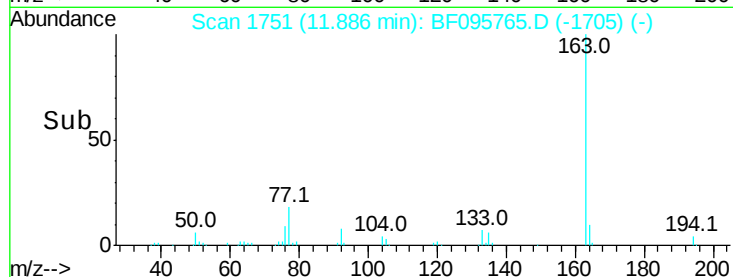
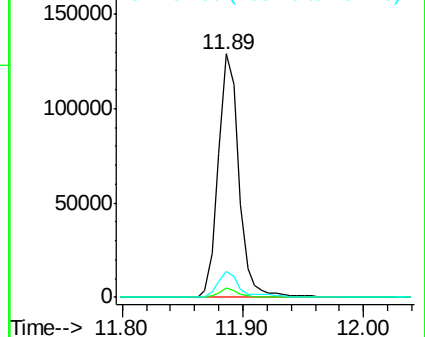
164 10.4 8.4 12.6



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# 2218

Delta R.T. -0.01 min

Lab File: BF095765.D

Acq: 8 Jun 2017 1:23

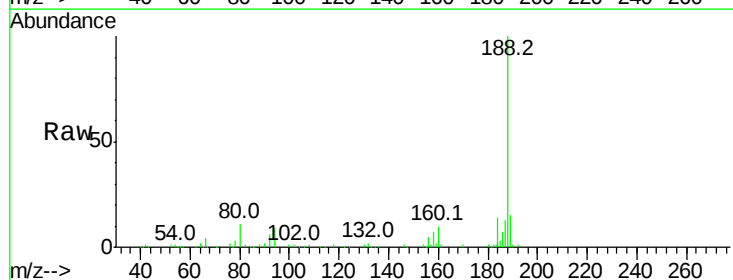
Tgt Ion:188 Resp: 164722

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

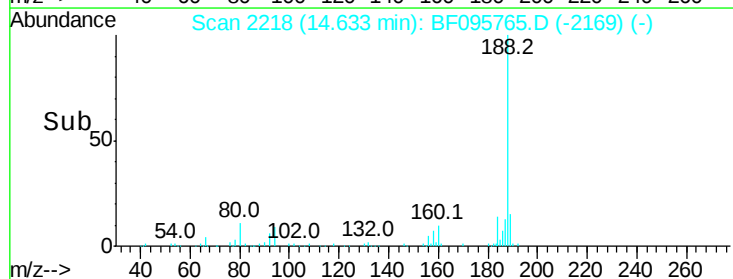
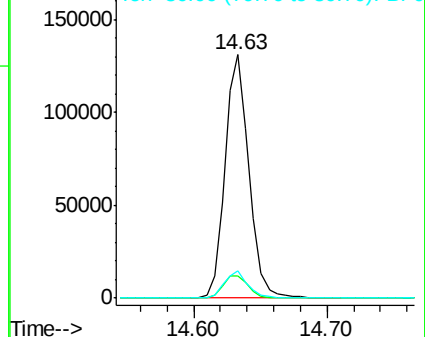
80 11.2 10.2 15.2

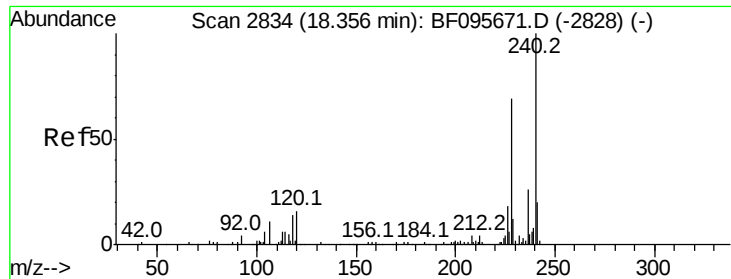


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.35 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF095765.D

Acq: 8 Jun 2017 1:23

Instrument :

BNA_F

ClientSampleId :

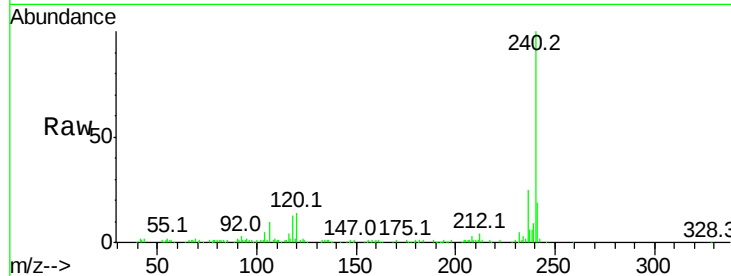
Tot Ion:240 Resp: 136523

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

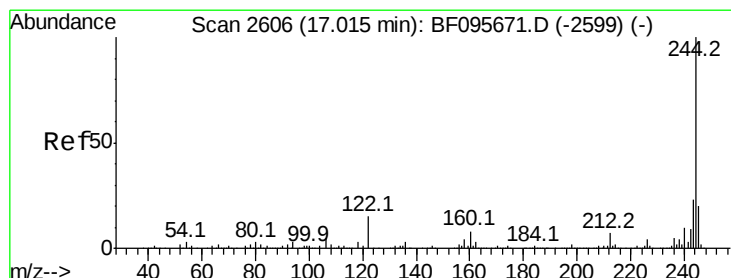
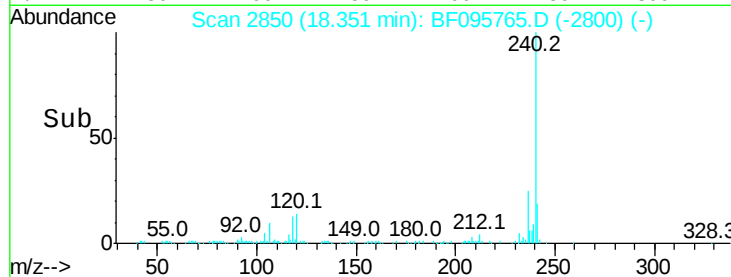
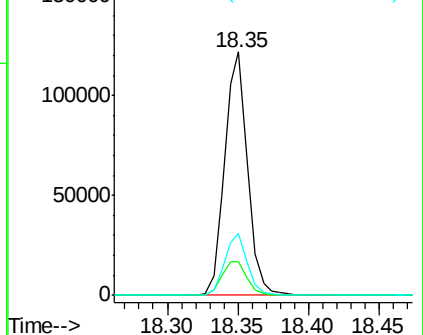
236 25.4 20.5 30.7



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: 74.34 ng

RT: 17.01 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF095765.D

Acq: 8 Jun 2017 1:23

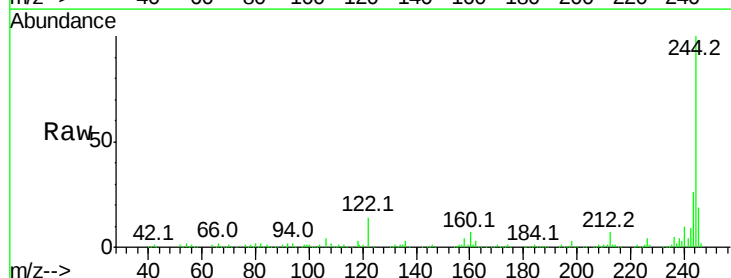
Tgt Ion:244 Resp: 408971

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

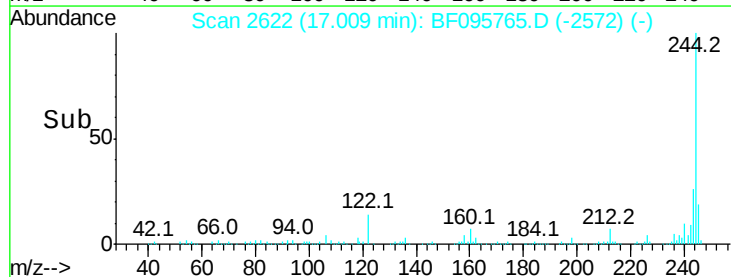
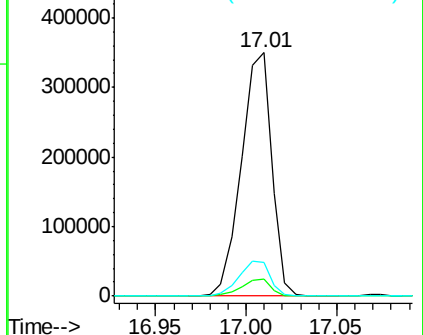
122 13.8 10.3 15.5

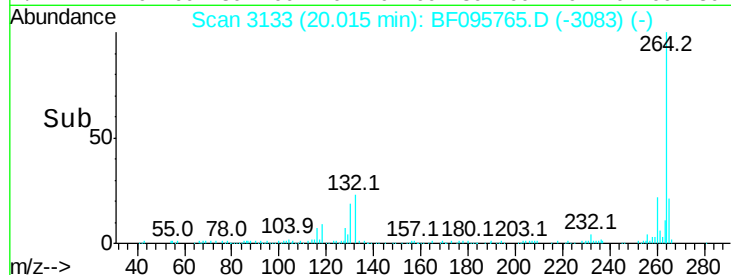
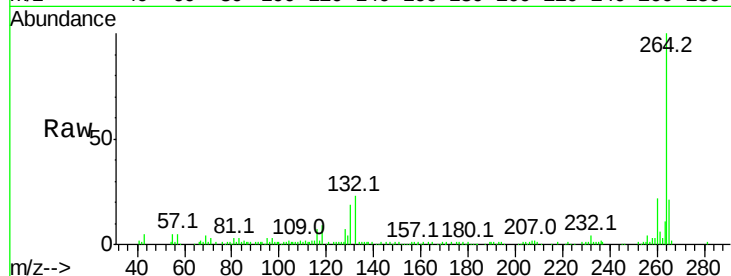
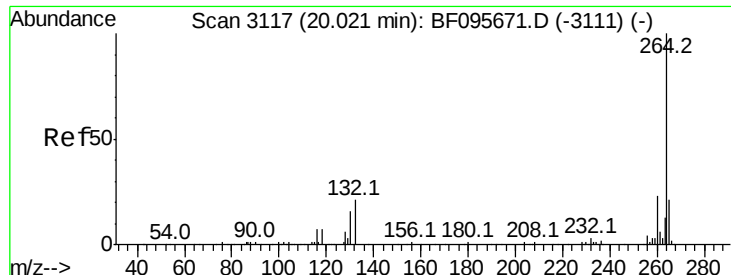


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.02 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095765.D
 Acq: 8 Jun 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	20.8	17.2	25.8

