

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095793.D
 Acq On : 8 Jun 2017 20:30
 Operator : SJ/MA
 Sample : I3541-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 09 01:25:30 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

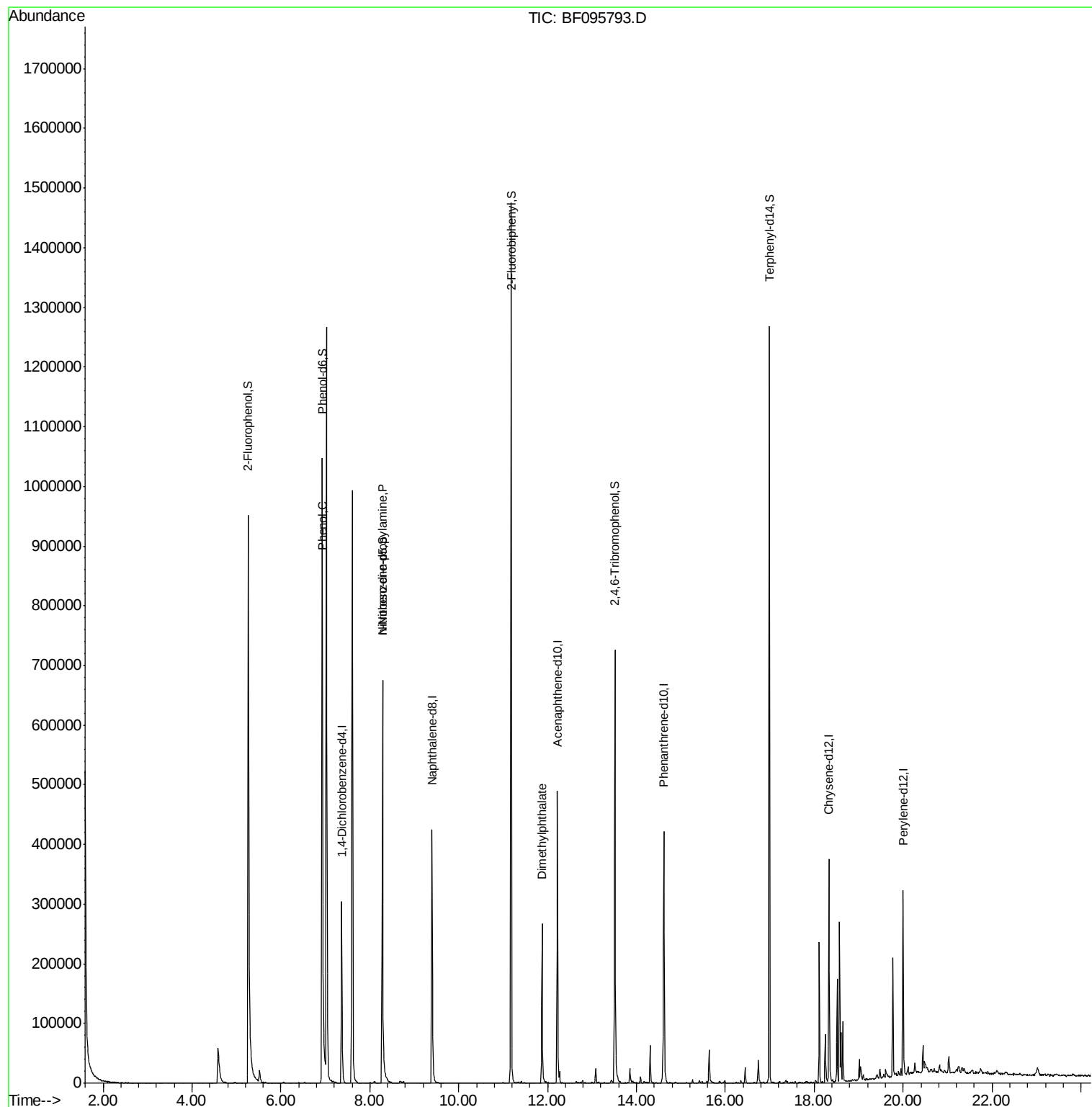
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	77363	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	312118	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	137349	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	236927	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	167919	20.00	ng	-0.02
86) Perylene-d12	20.00	264	138224	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	528973	108.95	ng	-0.02
7) Phenol-d6	6.93	99	625877	107.68	ng	-0.03
23) Nitrobenzene-d5	8.29	82	360363	71.70	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	122347	100.68	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	683118	69.21	ng	-0.04
78) Terphenyl-d14	16.99	244	503245	74.38	ng	-0.02
Target Compounds						
10) Phenol	6.94	94	15832	2.63	ng	# 57
19) n-Nitroso-di-n-propylamine	8.29	70	45656	12.39	ng	# 75
49) Dimethylphthalate	11.87	163	170126	16.31	ng	99

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

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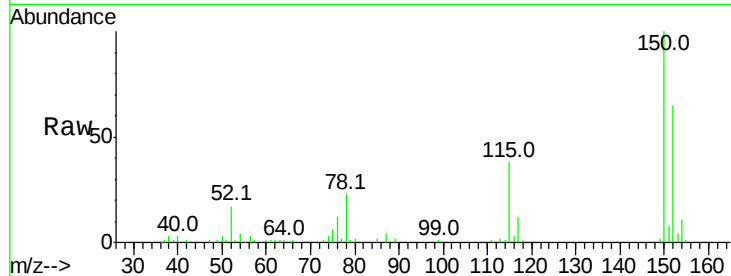


#1

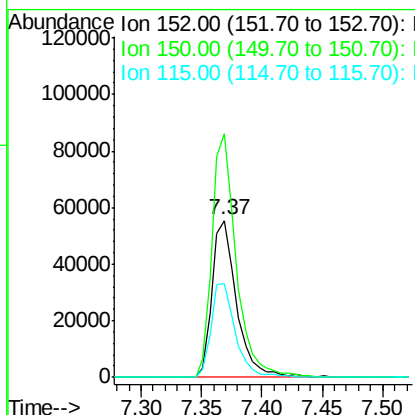
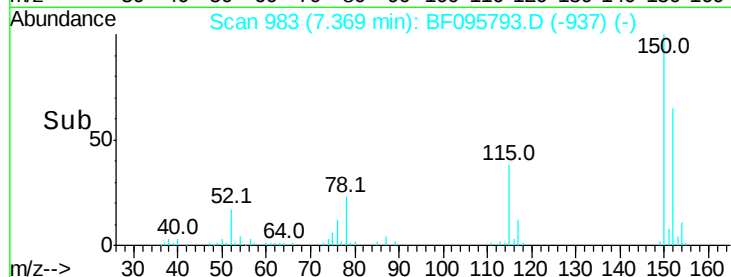
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095793.D
Acq: 8 Jun 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77363
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 59.4 52.2 78.2



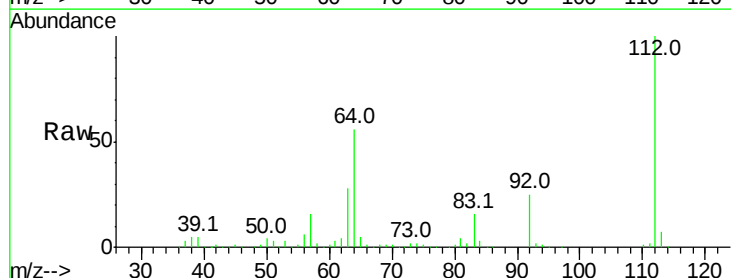
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



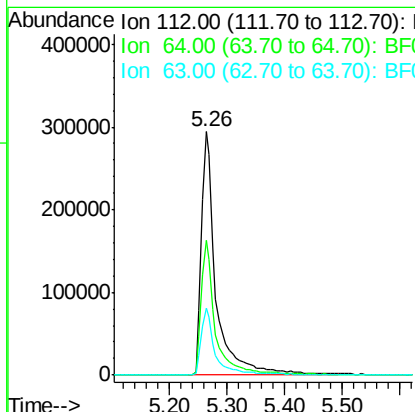
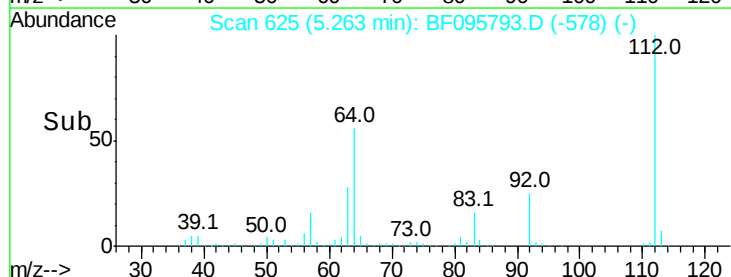
#5

2-Fluorophenol
Concen: 108.95 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095793.D
Acq: 8 Jun 2017 20:30

Tgt Ion:112 Resp: 528973
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.5 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: 107.68 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095793.D

Acq: 8 Jun 2017 20:30

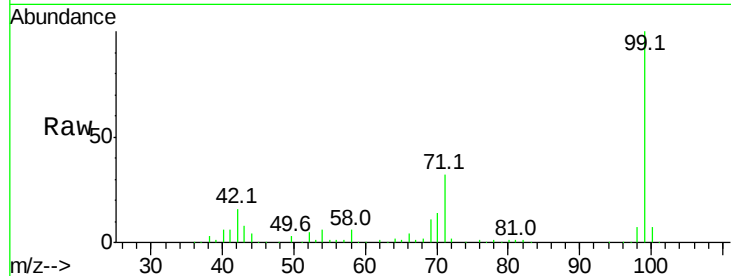
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 625877

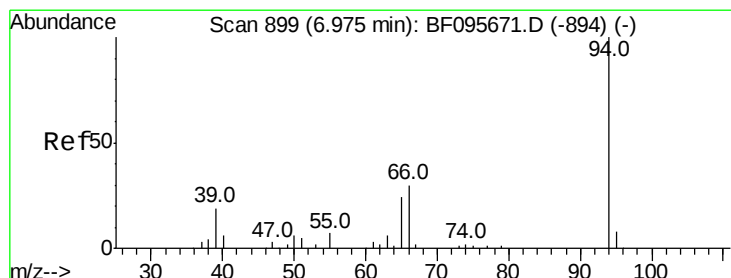
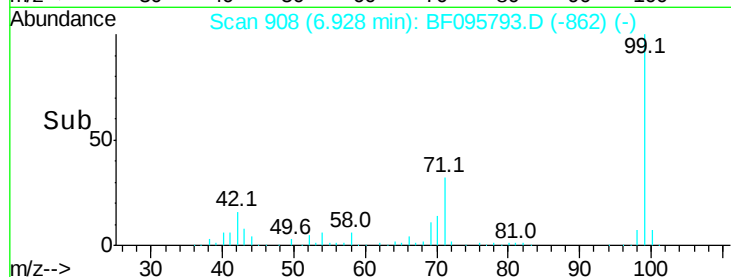
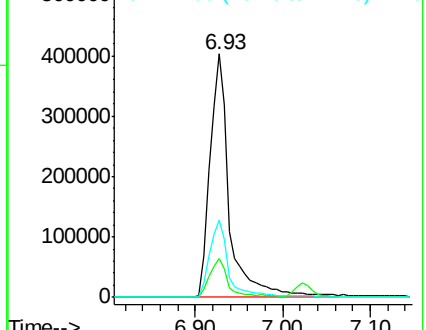
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	31.8	24.5	36.7



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: 2.63 ng

RT: 6.94 min Scan# 910

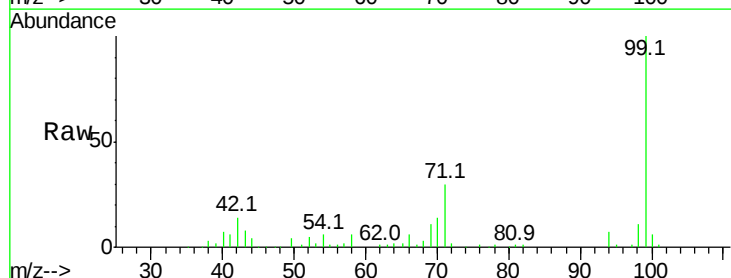
Delta R.T. -0.04 min

Lab File: BF095793.D

Acq: 8 Jun 2017 20:30

Tgt Ion: 94 Resp: 15832

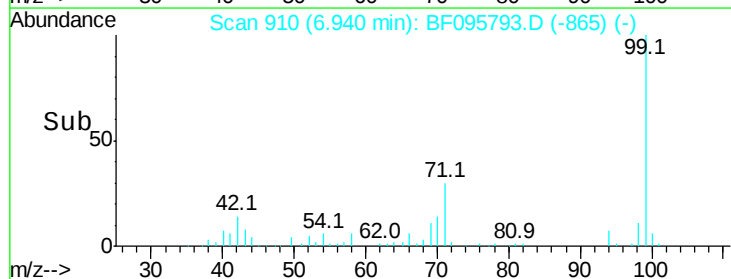
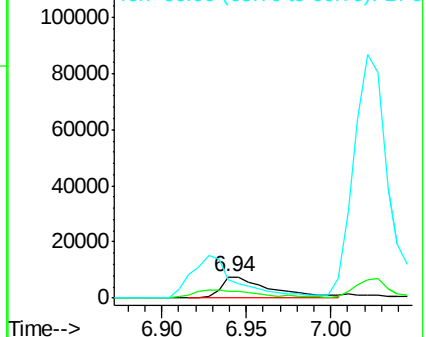
Ion	Ratio	Lower	Upper
94	100		
65	34.3	9.9	49.9
66	86.2	23.1	63.1

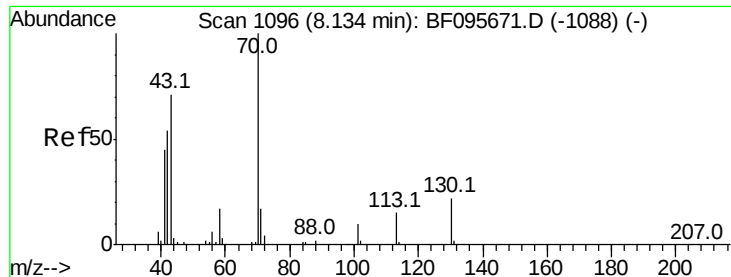


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

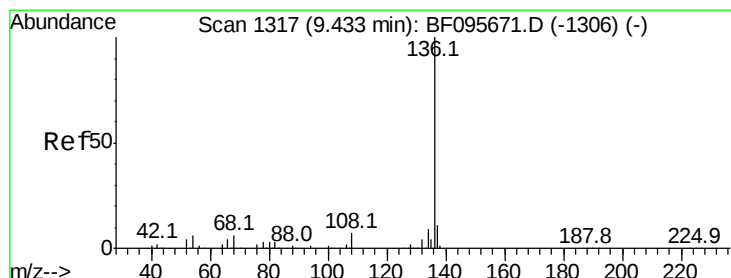
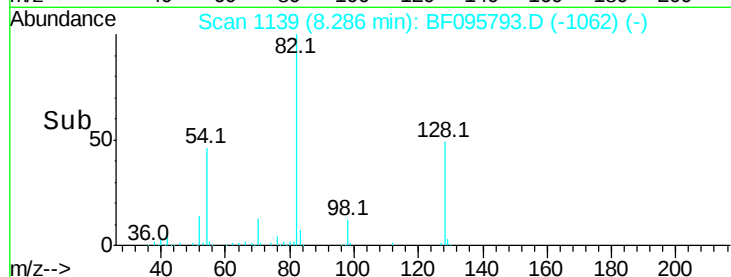
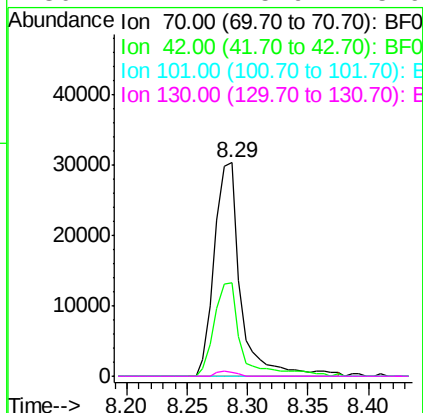
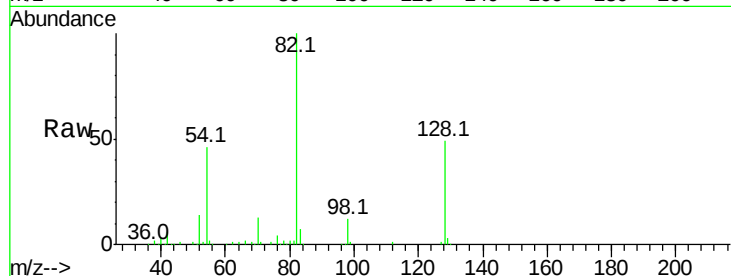




#19
n-Nitroso-di-n-propylamine
Concen: 12.39 ng
RT: 8.29 min Scan# 1139
Delta R.T. 0.15 min
Lab File: BF095793.D
Acq: 8 Jun 2017 20:30

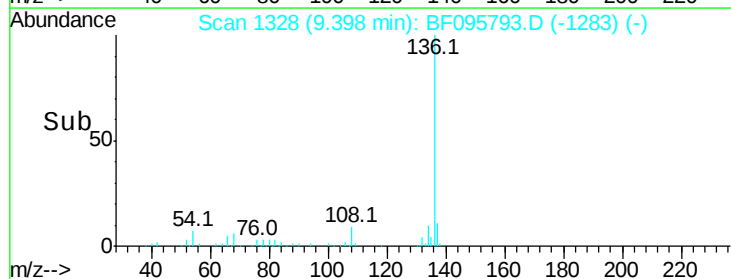
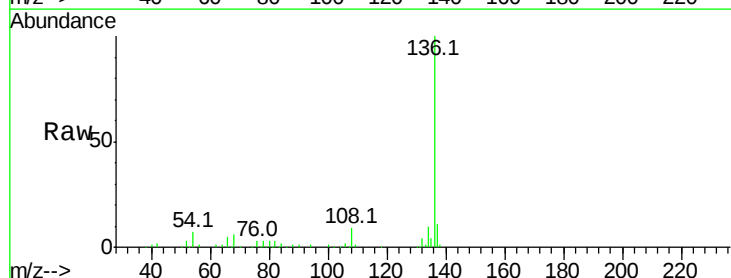
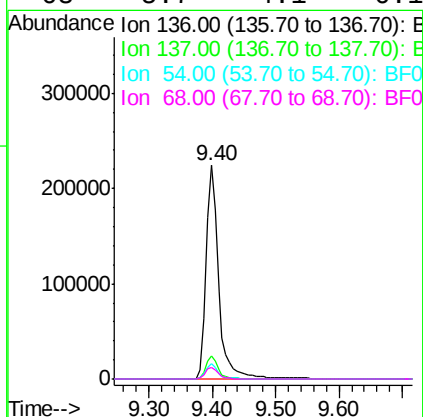
Instrument :
BNA_F
ClientSampleId :

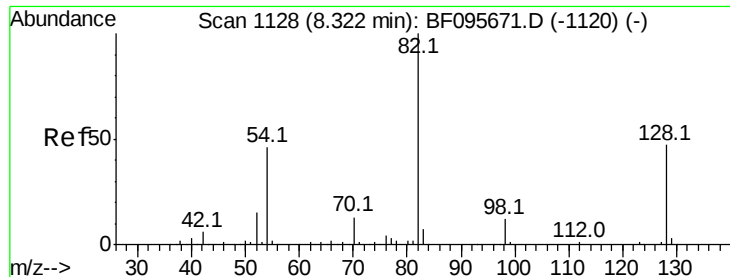
Tot Ion: 70 Resp: 45656
Ion Ratio Lower Upper
70 100
42 44.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095793.D
Acq: 8 Jun 2017 20:30

Tgt Ion:136 Resp: 312118
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 5.7 4.1 6.1

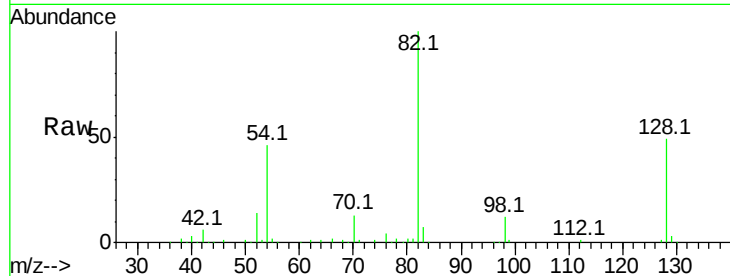




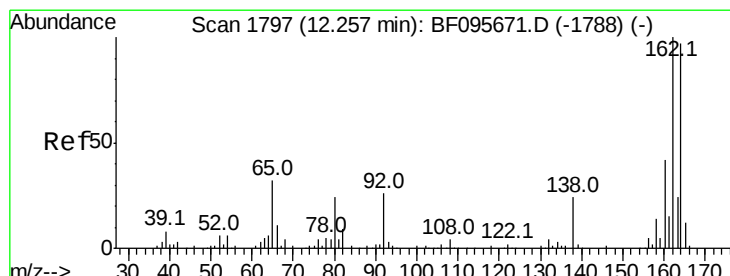
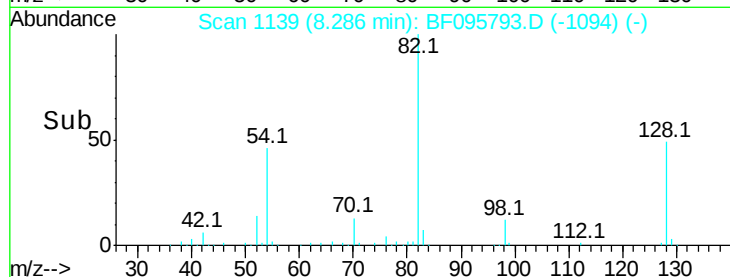
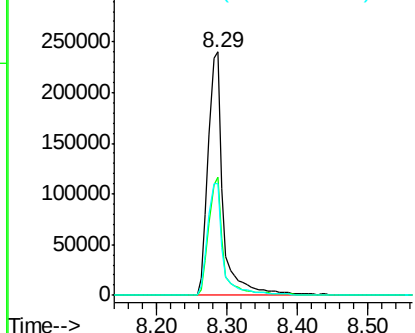
#23
Nitrobenzene-d5
Concen: 71.70 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095793.D
Acq: 8 Jun 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 360363
Ion Ratio Lower Upper
82 100
128 48.7 34.0 51.0
54 45.9 42.2 63.2

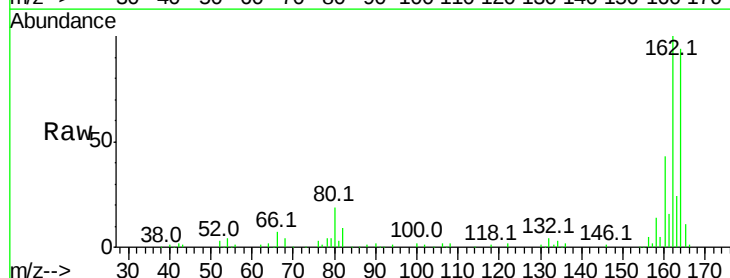


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

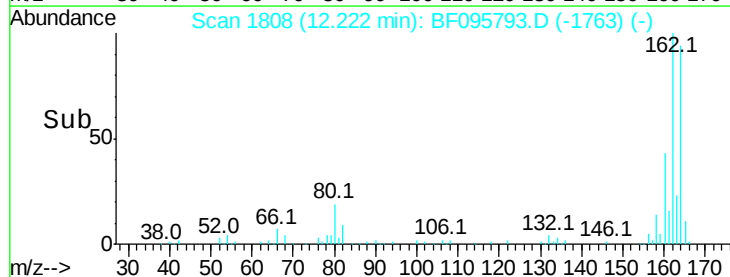
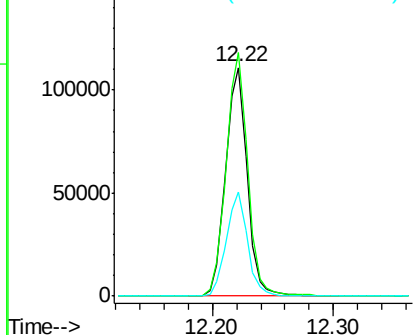


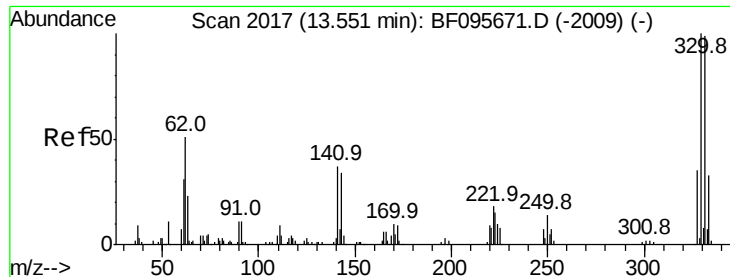
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095793.D
Acq: 8 Jun 2017 20:30

Tgt Ion:164 Resp: 137349
Ion Ratio Lower Upper
164 100
162 106.4 82.6 123.8
160 45.5 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

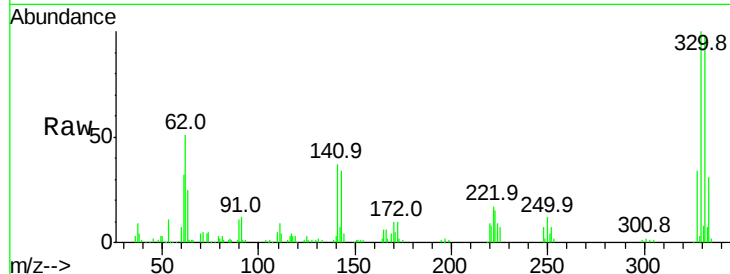




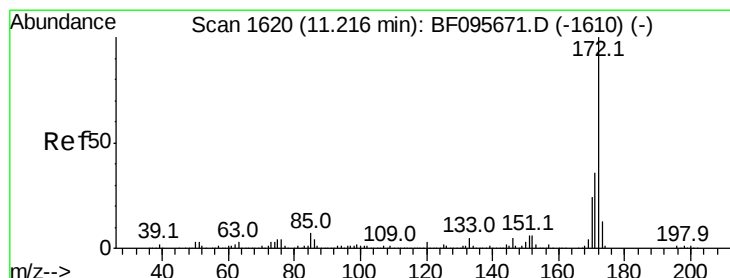
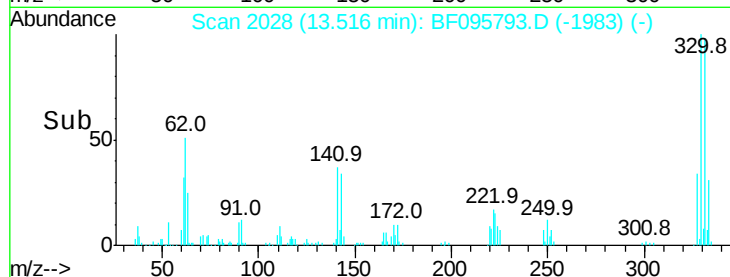
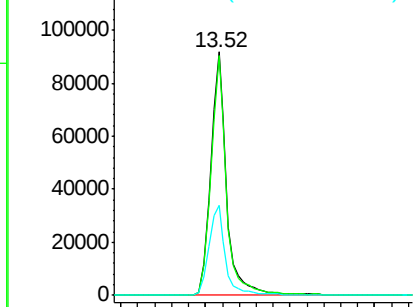
#41
 2,4,6-Tribromophenol
 Concen: 100.68 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095793.D
 Acq: 8 Jun 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 122347
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.1 31.4 47.2

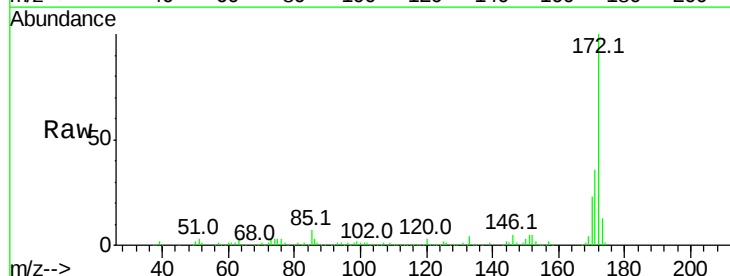


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

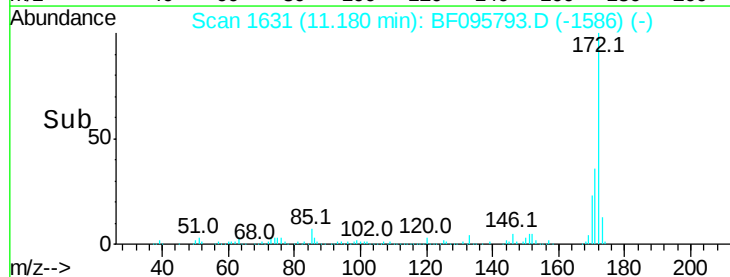
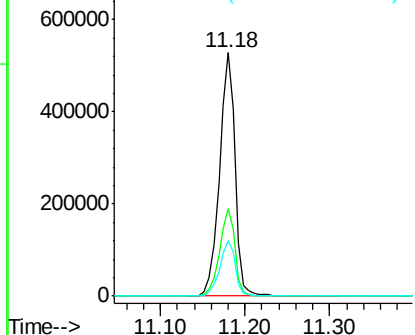


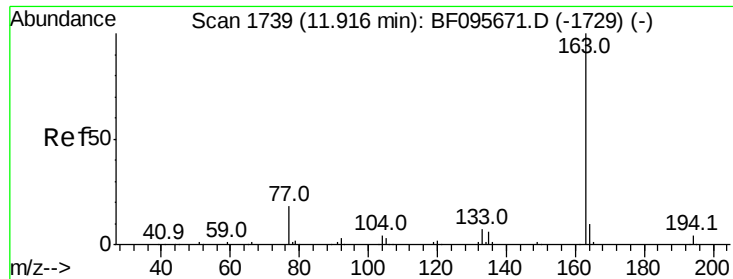
#44
 2-Fluorobiphenyl
 Concen: 69.21 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095793.D
 Acq: 8 Jun 2017 20:30

Tgt Ion:172 Resp: 683118
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 22.7 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

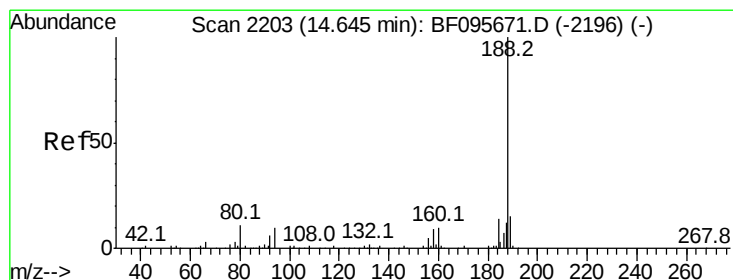
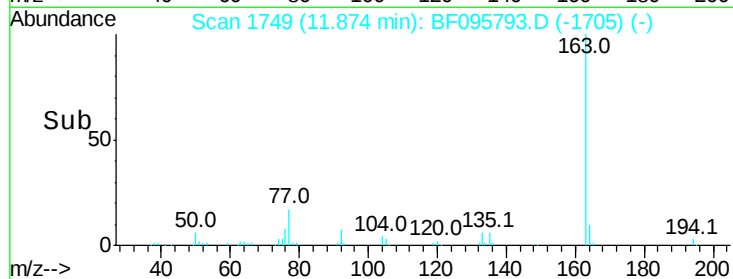
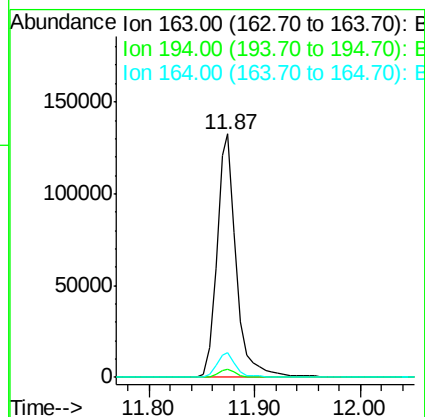
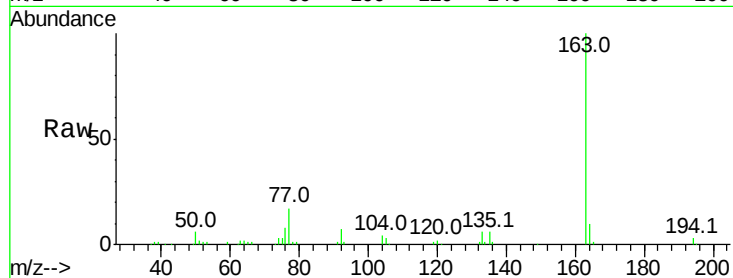




#49
Dimethylphthalate
Concen: 16.31 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095793.D
Acq: 8 Jun 2017 20:30

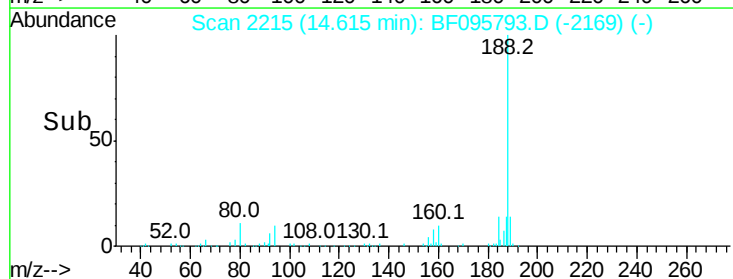
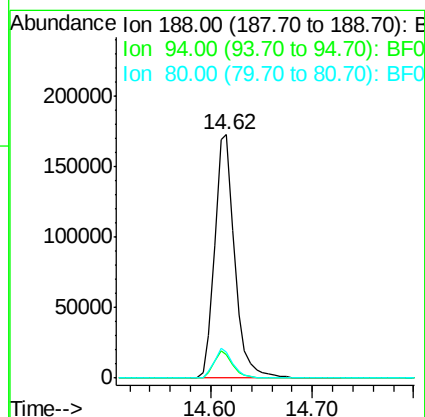
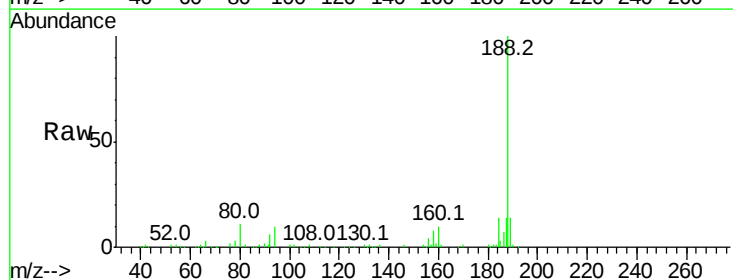
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 170126
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095793.D
Acq: 8 Jun 2017 20:30

Tgt Ion:188 Resp: 236927
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.5 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095793.D

Acq: 8 Jun 2017 20:30

Instrument :

BNA_F

ClientSampleId :

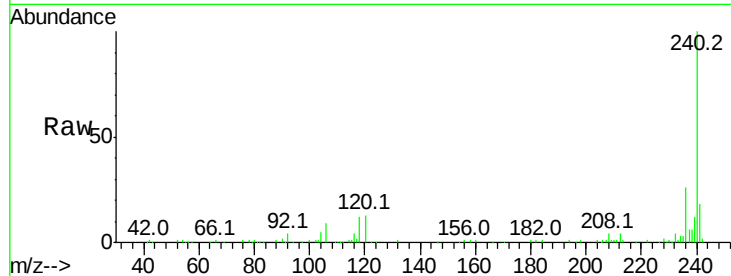
Tot Ion:240 Resp: 167919

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

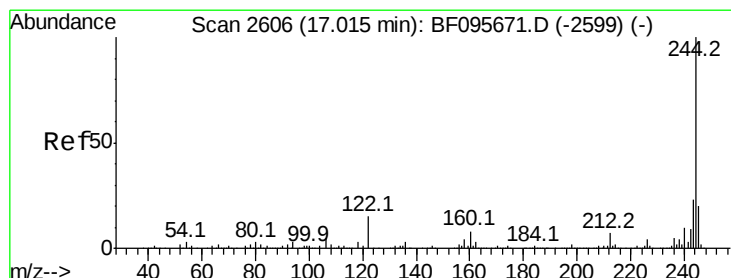
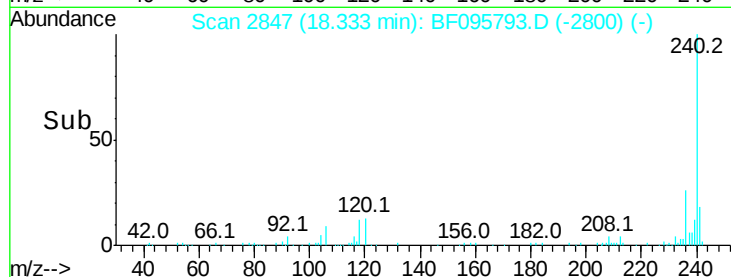
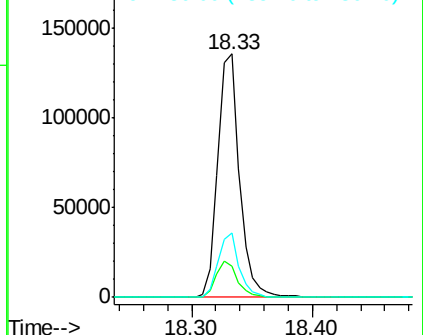
236 26.2 20.5 30.7



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: 74.38 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095793.D

Acq: 8 Jun 2017 20:30

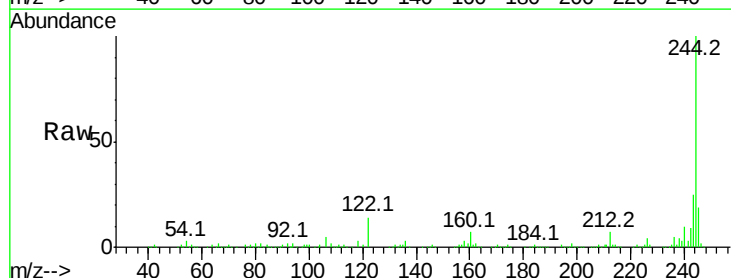
Tgt Ion:244 Resp: 503245

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

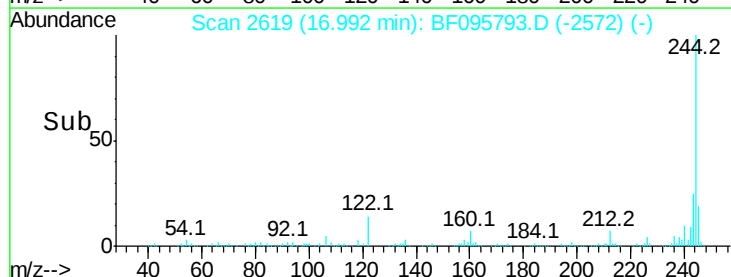
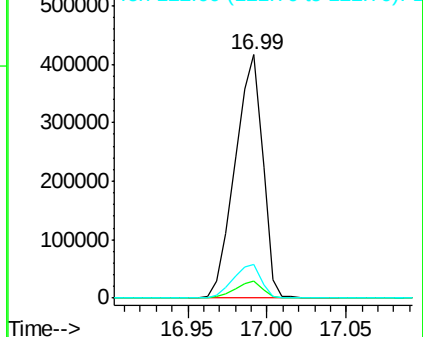
122 14.0 10.3 15.5

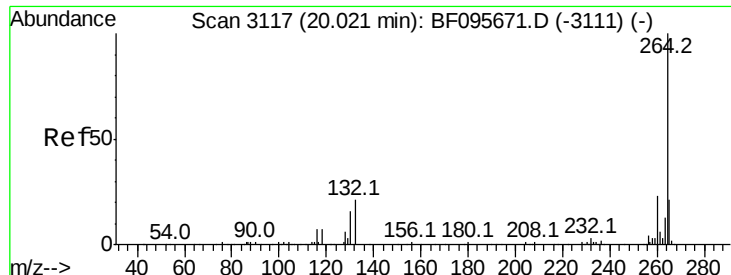


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

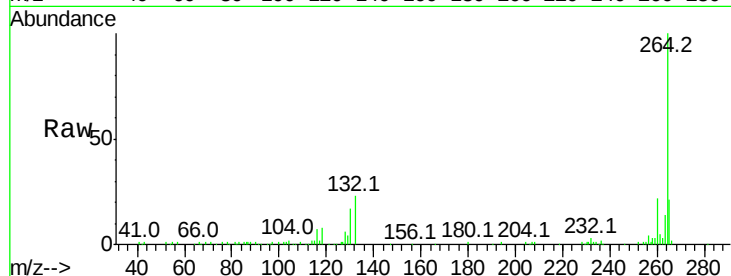




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095793.D
 Acq: 8 Jun 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.3	19.5	29.3	
265	21.1	17.2	25.8	



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

